ATTACHMENT F

Noise Study

NOISE STUDY FOR
MAGNOLIA CROSSING II
CITY OF RIVERSIDE,
RIVERSIDE COUNTY, CALIFORNIA

Prepared for:

WARMINGTON RESIDENTIAL CALIFORNIA, INC.

3090 Pullman Street

Costa Mesa, CA 92626

Prepared by:

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(949) 680-4400

March 27, 2024

CERTIFICATION STATEMENT

I, Dale Schneeberger, certify that I am currently a California State-licensed Professional Geologist (PG) and that this Noise Report was prepared in accordance with standard environmental and geologic practice by the licensed professional(s) whose signature and seal appear below. This study has been performed in a professional manner in accordance with generally accepted practices, using the degree of skill and care ordinarily exercised by reputable environmental consultants under similar circumstances. No other warranty, either expressed or implied, is made.

March 27, 2024
_____
     Date

_____
Dale Schneeberger, MS, PG, QSD/QSP
California State Professional Geologist #4737

HANA Resources, Inc.
20631 Hermana Circle
Lake Forest, CA 92630

Seal

March 27, 2024
_____
     Date

Hannah Boelts
_____
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Environmental Geologist

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APPENDICES

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SECTION 1. Project Description and Summary

1.1. Introduction

HANA Resources, Inc. (HANA) was retained by Warmington Residential California to prepare this updated Noise Study letter report for the proposed Warmington Magnolia Crossing II Project. This study analyzes the potential noise and vibration impacts of the proposed development Project located near the intersection of 91 freeway and Van Buren Street in the City of Riverside, Riverside County, California. The purpose of this study is to analyze the proposed Project's noise and vibration impacts related to both temporary construction activity and long-term operation of the proposed Project.

1.2. Project Summary

1.2.1. Location and Setting

The proposed Project covers 6.44 acres in the City of Riverside, Riverside County, CA (**Exhibit I,** *Project Vicinity Map*). The proposed Project is located near the intersection of 91 freeway and Van Buren Street and is on the APNs 234-140-018, 234-140-019 and 234-150-046 **(Exhibit II,** *Project Location Map*). The proposed Project site is located on the United States Geological Survey (USGS) Riverside West Quadrangle, 7.5-Minute Topographic map. The surface elevation of the site ranges from approximately 798 to 813 feet above mean sea level (MSL). The proposed Project area is located within Section 18 in Township 3 South-Range 5 West, San Bernardino Meridian.

1.2.2. Proposed Project

The proposed Project is for the multi-family development project at 3510 Van Buren Blvd. The project is in line with the General Plan Land Use Designation of the MU-V-SP-Mixed Use-Village and Specific Plan (Magnolia Avenue) Overlay Zone. The proposed Project is planned at 23.14 du/ac, consistent with the general plan and zoning allowed under MU-V-SP. A part of the site has a General Plan designation of MDR (parcel 3), however the site will be involved in a Density Bonus agreement for the proposed below-market-rate housing that is planned on-site. No homes are planned on Parcel 3 (3469 Myers Street), and it is only included to allow a secondary access point. The discretionary and ministerial components of the Project will allow the property owner, Warmington Residential, establishment of a Mixed-Use development on the property (**Exhibit III**, *Concept Plan Map*).

The Mixed-Use Development will have the following:

- 23 three-story buildings that include 149 units,
- 331 parking spaces (298 garage spaces (two per household) and 33 guest spaces),
- 280,431 square feet lot area,
- 240,723 square feet floor area,
- 80,129 square feet of common open space, and
- 24,774 square feet of private open space.

Identified necessary improvements for the proposed Project include removing the existing structures and trees, moderate grading operation, construction of retaining walls, wet/dry utilities, street work, landscaping, and flatwork.

Exhibit I: Project Vicinity Map
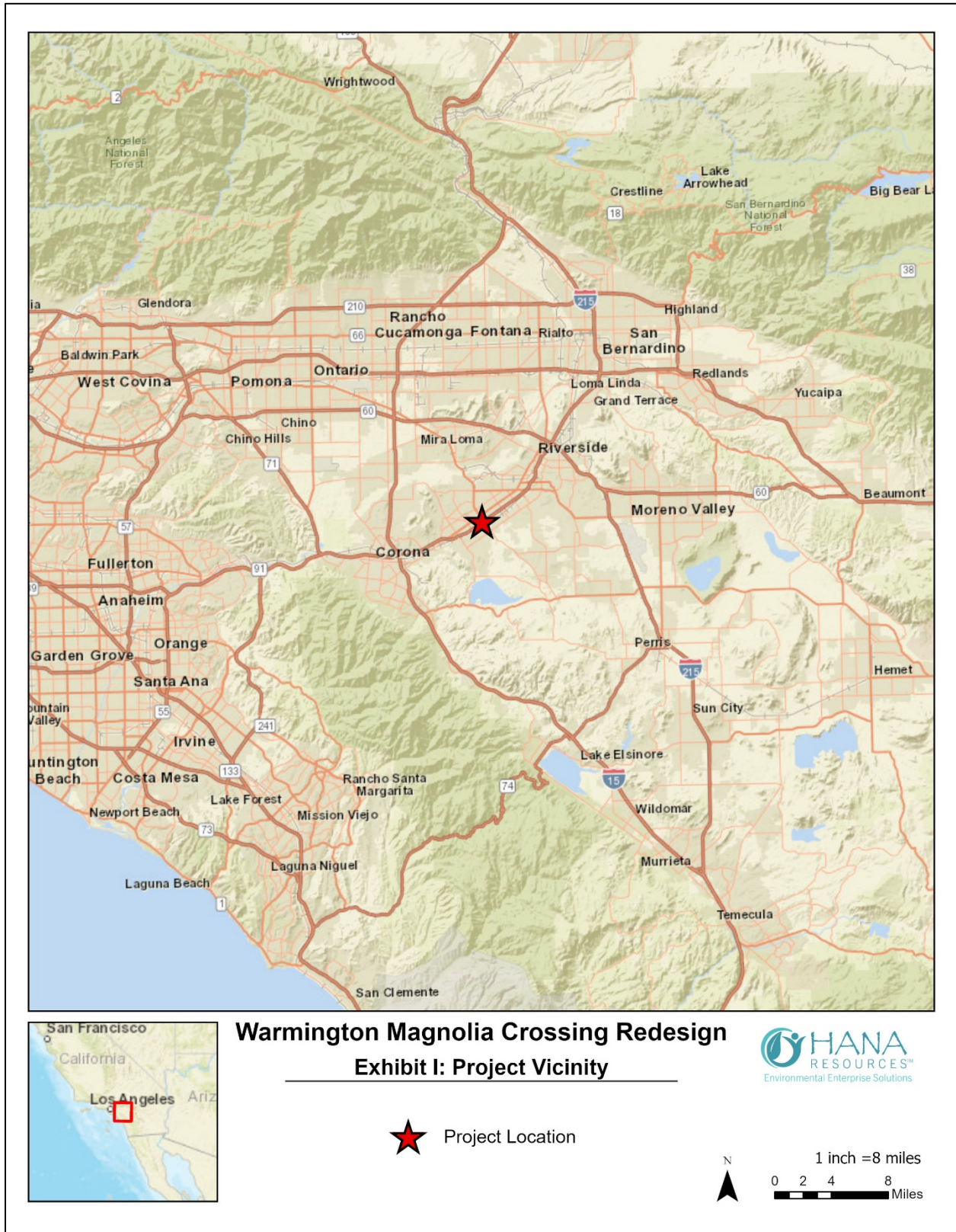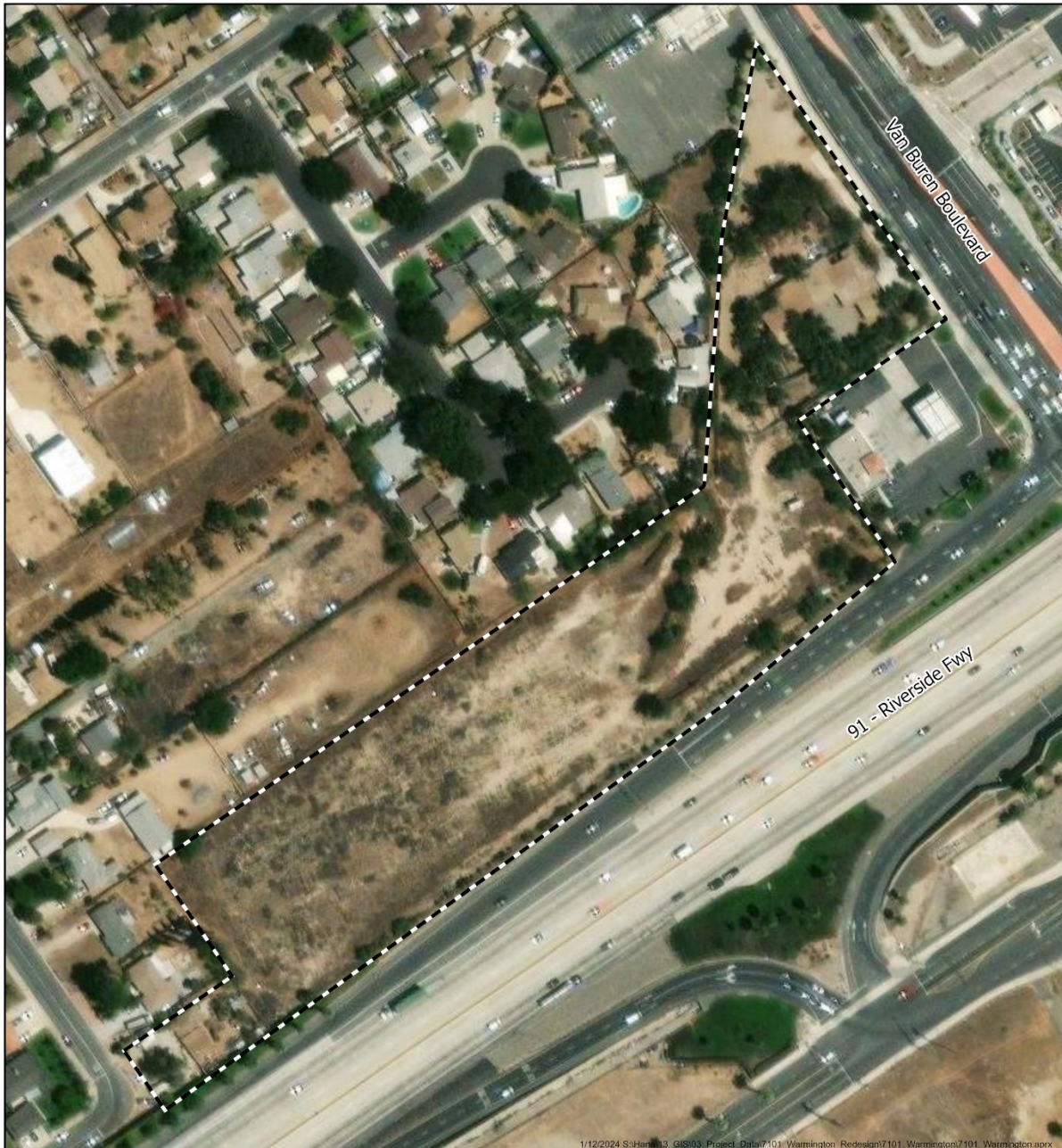
Warmington Magnolia Crossing Redesign

Exhibit I: Project Vicinity

★ Project Location

1 inch = 8 miles
0 2 4 8 Miles

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Exhibit II: Project Location Map
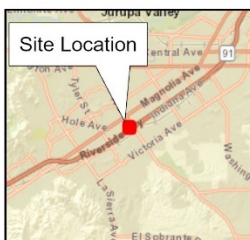
Warmington Magnolia Crossing Redesign

Exhibit II: Project Location

Site Location

Project Area

1 inch = 150 feet
0   75   150
Feet
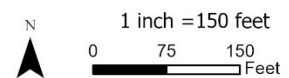
Exhibit III: Site Plan Map

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SECTION 2. Background

2.1. Noise

Sound is a vibratory disturbance created by a moving or vibrating source, which is capable of being detected by the hearing organs (e.g., the human ear). Noise is defined as sound that is loud, unpleasant, unexpected, or undesired and may therefore be classified as a more specific group of sounds (Caltrans 2013). Excessive noise can be disruptive, be it from the continuous thrum of trucks traveling along a busy roadway or the whine of gasoline-powered leaf blowers on an otherwise quiet morning. Noise may interfere with communication, work, rest, recreation, and sleep, and can impact residents' quality of life.

Sound is described in terms of the loudness (amplitude) of the sound and frequency (pitch) of the sound. The frequency (pitch), amplitude (intensity or loudness), and duration of a sound all contribute to the effect on a listener, or receptor, and whether or not the receptor perceives the sound as "noisy" or annoying. Pitch is the height or depth of a tone or sound and depends on the frequency of the vibrations by which it is produced. Sound frequency is expressed in terms of cycles per second, or Hertz (Hz). Humans generally hear sounds with frequencies between 20 and 20,000 Hz and perceive higher frequency sounds, or high pitch noise, as louder than low-frequency sound or sounds low in pitch. Sound intensity or loudness is a function of the amplitude of the pressure wave generated by a noise source combined with the reception characteristics of the human ear. Sound pressure levels are typically expressed on a logarithmic scale in terms of decibels (dB). A dB is a unit of measurement that indicates the relative amplitude (i.e., intensity or loudness) of a sound, with 3 dB corresponding roughly to the threshold of hearing for the healthy, unimpaired human ear (City of Riverside 2007b).

Since the human ear is not equally sensitive to sound at all frequencies, a special frequency-dependent rating scale has been devised to relate noise to human sensitivity. The A-weighted decibel scale (dBA) performs this compensation by differentiating among frequencies in a manner approximating the sensitivity of the human ear. Decibels are based on the logarithmic scale. The logarithmic scale compresses the wide range in sound pressure levels to a more usable range of numbers in a manner similar to the Richter scale used to measure earthquakes. In terms of human response to noise, a sound 10 dBA higher than another is perceived to be twice as loud and 20 dBA higher is perceived to be four times as loud, and so forth. Everyday sounds normally range from 30 dBA (very quiet) to 100 dBA (very loud).

The decibel system of measuring sound gives a rough connection between the physical intensity of sound and its perceived loudness to the human ear. A 10-decibel increase in sound level is perceived by the human ear as only doubling of the loudness of the sound. Ambient sounds in the urban environment generally ranges from 30 dBA (very quiet) to 100 dBA (very loud), as indicated in Table 1, *Typical Sound Levels*.

Table 1. Typical Sound Levels		
Common Outdoor Activities	**A-Weighted Sound Level in Decibels (dBA)**	**Common Indoor Activities**
	110	Rock Band
Jet Flyover at 1000 feet	105	
	100	

Table 1. Typical Sound Levels		
Common Outdoor Activities	A-Weighted Sound Level in Decibels (dBA)	Common Indoor Activities
Gas Lawnmower at 3 feet	95	
	90	
	85	Food Blender at 3 feet
Diesel Truck (50 mph at 50 ft)	80	Garbage Disposal at 3 feet
Noisy Urban Area (Daytime)	75	
Gas Lawnmower at 100 feet	70	Vacuum Cleaner at 10 feet
Commercial Area	65	Normal Speech at 3 feet
Heavy Traffic at 300 feet	60	
	55	Large Business Office
Quiet Urban Area (Daytime)	50	Dishwasher in Next Room
	45	
Quiet Urban Area (Nighttime)	40	Theater, Large Conference Rm.
Quiet Suburban Area during Nighttime	35	
	30	Library
Quiet Rural Area (Nighttime)	25	Bedroom at Night, Concert Hall (background)
	20	
	15	Broadcast/Recording Studio
	10	
	5	
Lowest Threshold of Human Hearing	0	Lowest Threshold of Human Hearing

Source: Caltrans 2020

The average healthy ear can barely perceive an increase (or decrease) of up to 3 dBA in noise levels; that a change of 5 dBA is readily perceptible; and that an increase (or decrease) of 10 dBA sounds twice (or half) as loud (Crocker 2007).

Sound changes in both level and frequency spectrum as it travels from the source to the receiver. The most obvious change is the decrease in sound level as the distance from the source increases. The manner in which noise declines with distance depends on factors such as the type of sources (e.g., point or line), the path the sound will travel, site conditions, and obstructions. Noise levels from a point source (e.g., construction, industrial machinery, ventilation units) typically attenuate, or drop off, at a rate of 6 dBA per doubling of distance. Noise from a line source (e.g., roadway, pipeline, railroad) typically attenuates at about 3 dBA per doubling of distance (Caltrans 2013).

The propagation of noise is also affected by the intervening ground, known as ground absorption. A hard site, such as a parking lot or smooth body of water, receives no additional ground attenuation and the changes in noise levels with distance (drop-off rate) result simply from the geometric spreading of the source. An additional ground attenuation value of 1.5 dBA per doubling of distance applies to a soft site (e.g., soft dirt, grass, or scattered bushes and trees) (Caltrans 2013).

Noise levels may also be reduced by intervening structures. The amount of attenuation provided by this "shielding" depends on the size of the object and the frequencies of the noise levels. Natural terrain features, such as hills and dense woods, and man-made features, such as buildings and walls, can significantly alter noise levels. Generally, any large structure blocking the line of sight will provide at least a 5- dBA reduction in source noise levels at the receiver (FHWA 2011). Structures can substantially reduce occupants' exposure to noise as well. The FHWA's guidelines indicate that modern building construction generally provides an exterior-to-interior noise level reduction of 20 to 35 dBA with closed windows.

2.1.1. Descriptors

The impact of noise is not a function of loudness alone. The time of day when noise occurs, its frequency, and the duration of the noise are also important. In addition, most noise that lasts for more than a few seconds is variable in its intensity. Consequently, a variety of noise descriptors have been developed.

One of the most frequently used noise metrics that considers both duration and intensity is the equivalent noise level (L_{eq}). The L_{eq} is defined as the single steady A-weighted level that is equivalent to the same amount of energy as that contained in the actual fluctuating levels over a period of time (Crocker 2007). Typically, L_{eq} is equivalent to a one-hour period, even when measured for shorter durations as the noise level of a 10- to 30-minute period would be the same as the hour if the noise source is relatively steady. Lmax is the highest Root Mean Squared (RMS) sound pressure level within the sampling period, and Lmin is the lowest RMS sound pressure level within the measuring period. Normal conversational levels at three feet are in the 60 to 65-dBA L_{eq} range, and ambient noise levels greater than 65 dBA L_{eq} can interrupt conversations (Federal Transit Administration 2018).

When considering environmental noise, it is important to account for the different responses people have to daytime and nighttime noise. In general, during the nighttime, background noise levels are generally quieter than during the daytime but also more noticeable due to the fact that household noise has decreased as people begin to retire and sleep. Noise exposure over the course of an entire day is described by the day/night average sound level, DNL (or Ldn), and the community noise equivalent level, or CNEL, descriptors. Both descriptors represent the 24-hour noise exposure in a community or area. For DNL, the 24-hour day is divided into a 15-hour daytime period (7 AM to 10 PM) and a 9-hour nighttime period (10 PM to 7 AM), and a 10 dB "penalty" is added to measure nighttime noise levels when calculating the 24-hour average noise level. For example, a 45 dBA nighttime sound level would contribute as much to the overall day-night average as a 55 dBA daytime sound level. The CNEL descriptor is similar to DNL, except that it includes an additional 5 dBA penalty for noise events that occur during the evening time period (7 PM to 10 PM). The artificial penalties imposed during DNL and CNEL calculations are intended to account for a receptor's increased sensitivity to noise levels during quieter nighttime periods (Caltrans 2013).

2.1.2. Propagation

Sound from a small, localized source (approximating a "point" source) radiates uniformly outward as it travels away from the source in a spherical pattern, known as geometric spreading. The sound level decreases or drops off at a rate of 6 dBA for each doubling of distance. Traffic noise is not a single, stationary point source of sound. Rather, the movement of vehicles makes the source of the sound appear to emanate from a line (line source) rather than a point. The drop-off rate for a line source is 3 dBA for each doubling of distance.

2.2. Vibration

Ground borne vibration of concern in environmental analysis consists of the oscillatory waves that move from a source through the ground to adjacent structures. The number of cycles per second of oscillation makes up the vibration frequency, described in terms of hertz (Hz). The frequency of a vibrating object describes how rapidly it oscillates. The normal frequency range of most ground borne vibration that can be felt by the human body starts from a low frequency of less than 1 Hz and goes to a high of about 200 Hz (Crocker 2007).

While people have varying sensitivities to vibrations at different frequencies, in general they are most sensitive to low-frequency vibration. Vibration in buildings, such as from nearby construction activities, may cause windows, items on shelves, and pictures on walls to rattle. Vibration of building components can also take the form of an audible low-frequency rumbling noise, referred to as ground borne noise. Ground borne noise is usually only a problem when the originating vibration spectrum is dominated by frequencies in the upper end of the range (60 to 200 Hz), or when foundations or utilities, such as sewer and water pipes, physically connect the structure and the vibration source (FTA 2018). Although ground borne vibration is sometimes noticeable in outdoor environments, it is almost never annoying to people who are outdoors. The primary concern from vibration is that it can be intrusive and annoying to building occupants and vibration-sensitive land uses.

2.2.1. Descriptors

Vibration amplitudes are usually expressed in peak particle velocity (PPV) or RMS vibration velocity. The PPV and RMS velocity are normally described in inches per second (in./sec.). PPV is defined as the maximum instantaneous positive or negative peak of a vibration signal. PPV is often used in monitoring of blasting vibration because it is related to the stresses that are experienced by buildings (Caltrans 2013).

2.2.2. Response to Vibration

Vibration associated with construction of the proposed Project has the potential to be an annoyance to nearby land uses. Caltrans has developed limits for the assessment of vibrations from transportation and construction sources. The Caltrans vibration limits are reflective of standard practice for analyzing vibration impacts on structures from continuous and intermittent sources. The Caltrans Transportation and Construction Vibration Guidance Manual (Caltrans 2020) identifies two impact criteria for buildings and humans from transient and continuous/frequent sources. This information is summarized in **Table 2**, *Vibration Damage Potential* that presents the impact criteria for buildings, and in **Table 3** *Vibration Annoyance Potential* that presents the impact criteria for humans.

Table 2. Vibration Damage Potential		
	Maximum PPV (in./sec.)	
Building Type	**Transient Sources**	**Continuous/Frequent Intermittent Sources**
Extremely fragile historic buildings, ruins, ancient monuments	0.12	0.08
Fragile Buildings	0.2	0.1
Historic and some old buildings	0.5	0.24

Table 2. Vibration Damage Potential		
	Maximum PPV (in./sec.)	
Building Type	Transient Sources	Continuous/Frequent Intermittent Sources
Other residential structures	0.5	0.3
New residential structures	1.0	0.5
Modern industrial/commercial buildings	2.0	0.5
Note: Transient sources create a single isolated vibration event, such as blasting or drop balls. Continuous/frequent intermittent sources include impact pile drivers, pogo-stick compactors, crack-and-seat equipment, vibratory pile drivers, and vibratory compaction equipment. PPV = peak particle velocity; in./sec. = inches per second		

Source: Caltrans 2020

Table 3. Vibration Annoyance Potential		
	Maximum PPV (in./sec.)	
Human Response	Transient Sources	Continuous/Frequent Intermittent Sources
Severe/Disturbing	2.0	0.4
Strongly perceptible	0.9	0.10
Distinctly perceptible	0.25	0.04
Barely perceptible	0.04	0.01
Note: Transient sources create a single isolated vibration event, such as blasting or drop balls. Continuous/frequent intermittent sources include impact pile drivers, pogo-stick compactors, crack-and-seat equipment, vibratory pile drivers, and vibratory compaction equipment. PPV = peak particle velocity; in./sec. = inches per second		

Source: Caltrans 2020

2.2.3. Propagation

Vibration energy spreads out as it travels through the ground, causing the vibration level to diminish with distance away from the source. High-frequency vibrations diminish much more rapidly than low frequencies, so low frequencies tend to dominate the spectrum at large distances from the source. Variability in the soil strata can also cause diffractions or channeling effects that affect the propagation of vibration over long distances (Caltrans 2020). When a building is exposed to vibration, a ground-to-foundation coupling loss (the loss that occurs when energy is transferred from one medium to another) will usually reduce the overall vibration level. However, under rare circumstances, the ground-to-foundation coupling may amplify the vibration level due to structural resonances of the floors and walls.

2.3. Sensitive Receptors

Noise-sensitive receptors are buildings or areas where unwanted sound or increases in sound may have an adverse effect on people or land uses. Residential areas, motels and hotels, hospitals and health care

facilities, school facilities, and parks are examples of noise receptors that could be sensitive to changes in existing environmental noise levels (Caltrans 2013).

Vibration-sensitive receivers, which are similar to noise-sensitive receivers, include residences and institutional uses, such as schools, churches, and hospitals. However, vibration-sensitive receivers also include buildings where vibrations may interfere with vibration-sensitive equipment that is affected by vibration levels that may be well below those associated with human annoyance (e.g., recording studios or medical facilities with sensitive equipment). As shown in (**Exhibit IV,** *Location of Sensitive Receptors/Noise Measurement Stations*) the nearest sensitive receptors/receivers within 500 feet of the proposed Project site include adjacent single and multi-family residential, commercial (restaurant and professional), and church properties.

2.4. Project Noise Setting

The most common source of noise in the proposed Project site vicinity is vehicular traffic is from the adjacent Riverside Freeway (State Route 91) which is located along the southeastern boundary and long dimension of the proposed Project lot, which controls noise levels throughout the proposed Project site. Ambient noise levels are generally highest during the daytime and rush hour unless congestion substantially slows speeds. To determine ambient noise levels at and near the proposed Project site, seven (7) approximately 20-minute noise level measurements were taken by HANA on January 11, 2024. Noise measurements were collected between approximately 0759 hours and 1103 hours[1].

Noise measurements were obtained using an SVANETK (Model SV 104IS) ANSI Type 2 integrating sound level meter. Noise measurements were taken on-site and at nearby noise-sensitive receptors and are representative of existing ambient noise levels at these locations. **Exhibit IV** shows the noise measurement locations and **Table 4**, *Summary of Noise Measurement Results* summarizes the noise measurement results. Noise levels for the approximate 20-minute measurements are provided in L_{eq} for the measurement period; Lmin and Lmax are also provided. Detailed sound level measurement data are included in **Appendix A**.

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[1] Note: The time logs on the dosimeter are 3 hours ahead of the actual time the data were collected in the field due to an internal clock setting error not recognized until field work was completed.

Exhibit IV: Location of Sensitive Receptors/Noise Measurement Stations
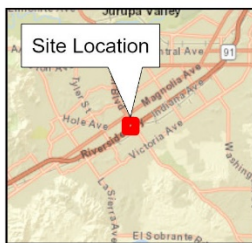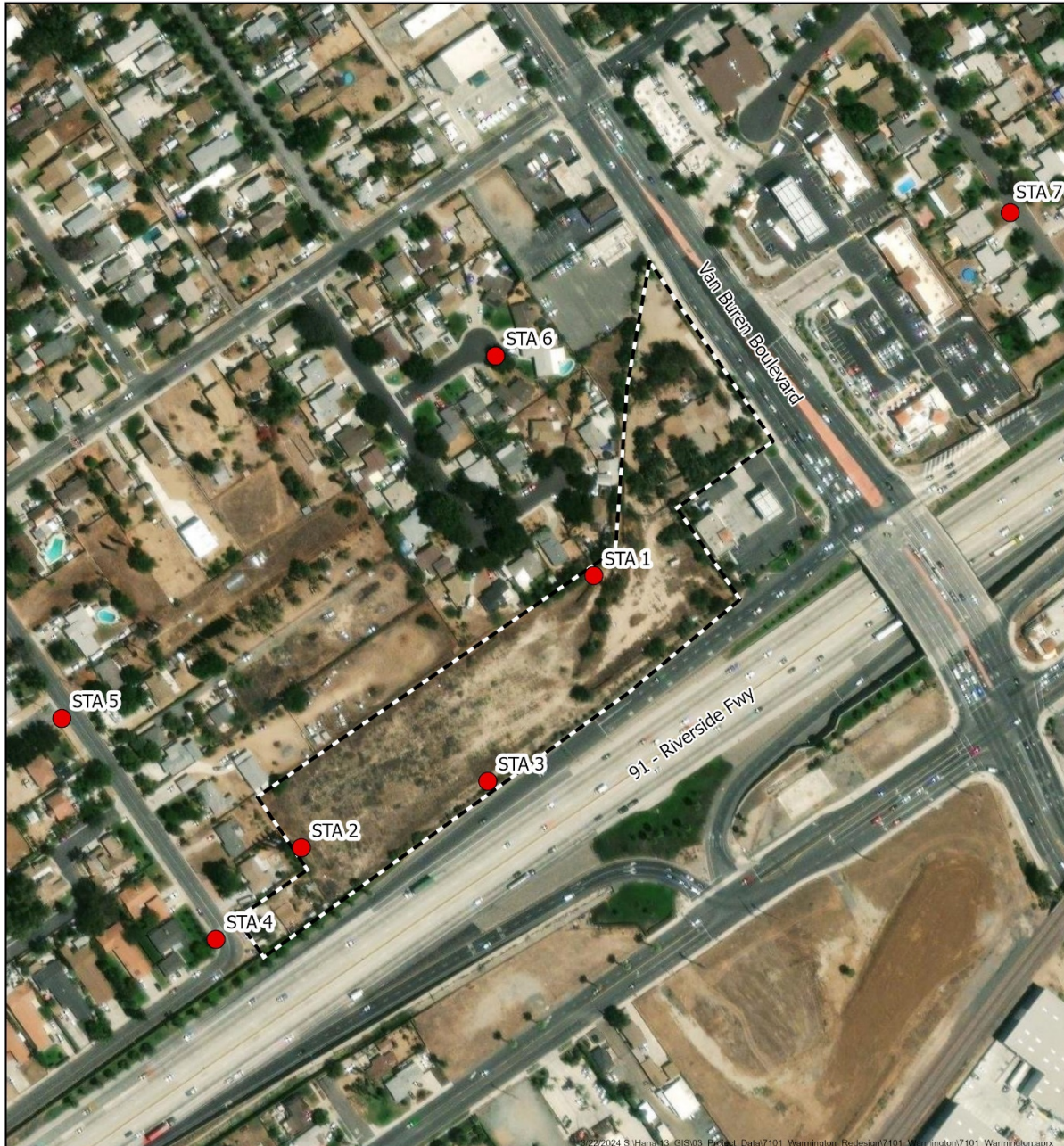
Warmington Magnolia Crossing Redesign

Exhibit IV: Location of Sensitive Receptors/
Noise Measurement Stations

Project Area

Noise Measurement Stations

1 inch = 230 feet

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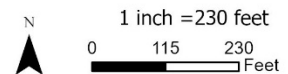
Figure 2. Location of Sensitive Receptors/Noise Measurement Stations (STA)

Station No.	Measurement Location	Sample Times (rounded to nearest minute)	Approximate Distance & Direction from Primary Noise Source	Leq (dBA)	Lmin (dBA)	Lmax (dBA)
		Table 4. Summary of Noise Measurement Results				
STA 1	Residence 9566 Carver Court	07:59 – 08:19	50 feet adjacent to Residence NW half of Project Site	58.3	58.0	58.5
STA 2	Residence 3481 Myers Street	08:30 – 08:50	50 feet adjacent to Residence SW extent of Project Site	73.8	73.7	74.2
STA 3	Project Site Along SR-91 Freeway	08:57 – 09:17	Adjacent to SR-91 Freeway along SE Project Boundary	77.3	75.6	77.2
STA 4	Residence 3474 Myers Street	09:24 – 09:44	75 feet NW of SW extent of Project Site	66.4	65.3	66.3
STA 5	Residence 3536 Myers Street	09:48 – 10:08	418 feet NW of the SW extent of Project Site	80.6	80.4	85.2
STA 6	Residence 9540 Sara Court	10:14 – 10:34	237 feet NW of Northern Project Site Area	66.9	67.2	69.3
STA 7	Residence 3518 Farnham Place	10:43 – 11:03	565 feet NE of Northern extent of Project Area	80.6	63.8	80.4
See Appendix A for noise monitoring data.						

2.5. Regulatory Setting

2.5.1. City of Riverside

California Government Code Section 65302(g) requires cities to prepare a Noise Element to identify and evaluate noise problems within the community. The State of California Office of Planning and Research (OPR) Noise Element Guidelines include recommended interior and exterior level standards for local jurisdictions to identify and prevent the creation of incompatible land uses due to noise. The OPR Guidelines describe the compatibility of various land uses with a range of environmental noise levels in terms of dBA CNEL.

A noise environment of 50 dBA CNEL to 60 dBA CNEL is considered to be "normally acceptable" for residential uses. The State indicates that locating residential units, parks, and institutions (such as churches, schools, libraries, and hospitals) in areas where exterior ambient noise levels exceed 65 dBA CNEL is undesirable. The OPR recommendations also note that, under certain conditions, more restrictive standards than the maximum levels cited may be appropriate. As an example, the standards for quiet suburban and rural communities may be reduced by 5 to 10 dB to reflect their lower existing outdoor noise levels in comparison with urban environments. In addition, Title 24, Part 2, sets forth requirements for the insulation of multiple-family residential dwelling units from excessive and potentially harmful noise. Whenever multiple-family residential dwelling units are proposed in areas with excessive noise exposure, the developer must incorporate construction features into the building's design that reduce interior noise levels to 45 dBA CNEL.

The Noise and Land Use Compatibility Table (**Table 5**, *Noise and Land Use Compatibility Criteria*) illustrates the guidelines established by the City's Noise Element for acceptable noise levels for properties outside of airport influence areas (City of Riverside 2007a). This table provides the City with an integral tool to gauge the compatibility of land uses relative to existing and future noise levels and is the primary tool that allows the City to ensure integrated planning for compatibility between land uses and outdoor noise.

Table 5. Noise and Land Use Compatibility Criteria				
Land Use Category	**Community Noise Exposure (L_{dn} or CNEL, dBA)**			
	Normally Acceptable	**Conditionally Acceptable**	**Normally Unacceptable**	**Conditionally Unacceptable**
Single Family Residential	50 – 60	60 – 65	65 – 70	70+
Infill Single Family Residential	50 – 65	65 – 75	75 – 80	80+
Commercial—Motels, Hotels, Transient Lodging	50 – 60	60 – 70	70 – 80	80+
Schools, Libraries, Churches, Hospitals, Nursing Homes, and Convalescent Hospitals	50 – 60	60 – 70	70 – 80	80+
Amphitheaters, Concert Hall, Auditorium, Meeting Hall	N/A	50 – 65	N/A	65+
Sports Arenas, Outdoor Spectator Sports	N/A	50 – 70	N/A	70+
Playgrounds, Neighborhood Parks	50 – 70	N/A	70 – 75	75+
Golf Courses, Riding Stables, Water Recreation, Cemeteries	50 – 70	N/A	70 – 80	80+
Office Buildings, Business, Commercial, Professional	50 – 65	65 – 75	75+	N/A
Industrial, Manufacturing, Utilities, Agriculture	50 – 70	70 – 80	80+	N/A
Freeway Adjacent Commercial, Office, and Industrial Uses	50 – 65	65 – 80	80+	N/A

N/A – Not Applicable

Normally Acceptable – Specified land use is satisfactory, based on the assumption that any buildings involved are of normal conventional construction, without any special noise insulation requirements.

Conditionally Acceptable – New construction or development should be undertaken only after a detailed analysis of the noise reduction requirements is made and needed noise insulation features included in the design. Conventional construction, but with closed windows and fresh air supply systems or air conditioning, will normally suffice.

Table 5. Noise and Land Use Compatibility Criteria				
Land Use Category	Community Noise Exposure (L_{dn} or CNEL, dBA)			
	Normally Acceptable	Conditionally Acceptable	Normally Unacceptable	Conditionally Unacceptable

Normally Unacceptable – New construction or development should be discouraged. If new construction or development does proceed, a detailed analysis of the noise reduction requirements must be made, and needed noise insulation features included in the design.

Conditionally Unacceptable – New construction or development should generally not be undertaken, unless it can be demonstrated that noise reduction requirements can be employed to reduce noise impacts to an acceptable level. If new construction or development does proceed, a detailed analysis of noise reduction requirements must be made, and needed noise insulation features included in the design.

Source: City of Riverside 2007a

2.5.2. City of Riverside Noise Standards

The City of Riverside's Noise Code (Title 7 – Ord.6273.1) is consistent with Title 24 or the California Code of Regulations. The Noise Code sets noise standards for specific land uses as well as limits for exterior, interior, and ambient sound levels to preserve a safe and healthy living environment and mitigate noise conflicts.

Exterior Sound Level Limits
Section 7.25.10 of the Noise Code sets guidelines for acceptable exterior noise levels by land use (**Table 6**, *Exterior Noise Standards*). This section also establishes that, without a variance granted by the City of Riverside, it is unlawful to generate noise that exceeds exterior noise standards for the applicable land use category by any of the following:

1. Up to 5 decibels for more than 30 cumulative minutes per hour;
2. Plus 5 decibels for more than 15 cumulative minutes per hour;
3. Plus 10 decibels for more than 5 cumulative minutes per hour;
4. Plus 15 decibels for more than 1 cumulative minute per hour;
5. Plus 20 decibels for any period of time.

Table 6. Exterior Noise Standards		
Land Use	Time	Noise Level
Residential	Night (10:00 p.m. to 7:00 a.m.)	45 dBA
	Day (7:00 a.m. to 10:00 p.m.)	55 dBA
Office/Commercial	Any time	65 dBA
Industrial	Any time	70 dBA
Community Support	Any time	60 dBA
Public Recreation Facility	Any time	65 dBA
Nonurban	Any time	70 dBA

Source: City of Riverside Municipal Code, Title 7, Table 7.25.10.B

Interior Sound Level Limits

Section 7.30.015 provides guidance for sources of indoor sound by land use category and sets standards as outlined below (**Table 7**, *Interior Noise Standards*). This section prohibits sources of indoor sound, when measured inside another dwelling unit, school, or hospital, to exceed:

1. Up to 5 decibels for more than 5 cumulative minutes per hour;
2. Plus 5 decibels for more than 1 cumulative minute per hour;
3. Plus 10 decibels for any period of time.

Table 7. Interior Noise Standards		
Land Use	**Time**	**Noise Level**
Residential	Night (10 p.m. to 7 a.m.)	35 dBA
	Day (7 a.m. to 10 p.m.)	45 dBA
School	7 a.m. to 10 p.m. (while school is in session)	45 dBA
Hospital	Any time	45 dBA

Source: City of Riverside Municipal Code, Title 7, Table 7.25.15

General Noise Regulations

The residential land use interior noise standards are lower than State regulations, which are 45 dBA for both day and night, to protect residents from nuisance noise. However, these standards cannot be met in areas throughout the city, such as along major roadways where exterior noise levels exceed 69 dBA (City of Riverside, 2007b). As not to hinder development due to strict sound level standards, Title 7, Chapter 7.23, Sections 7.23.020 and 7.23.030 allow the interior ambient noise standard for new, permitted development projects to be increased by 5 decibels given that the proposal for the Project includes a mix of residential and nonresidential uses within the same proposed Project or includes infill single-family residential use.

Chapter 7.35, Section 7.35.010 establishes guidelines for General Noise Regulations:

A. It is unlawful for any person to make, continue, or cause to be made or continued any noise disturbance.
B. Any noise plainly audible through partitions common to two dwelling units within a building shall be prohibited.

The City's Noise Code provides exemptions to Title 7, outlined in Section 7.35.020. These exemptions include:

1. Emergency work;
2. Sanctioned school events;
3. Federal or State preempted activities;
4. Minor maintenance to residential property;
5. Right-of-way construction;
6. Public health, welfare and safety activities;
7. Warning devices;
8. Agriculture;
9. Construction with a City permit.

Construction activities that generate noise must not take place between 7:00 p.m. and 7:00 a.m. on weekdays, between the hours of 5:00 p.m. and 8:00 a.m. on Saturdays, or at any time on Sundays or federal holidays.

SECTION 3. Impact Analysis

NOISE.

Would the project result in:

	Potentially Significant Impact	Less than Significant With Mitigation Incorporated	Less than Significant Impact	No Impact
a. Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan lor noise ordinance, or applicable standards of other agencies?	☐	☐	☒	☐
b. Generation of excessive groundborne vibration or groundborne noise levels?	☐	☐	☒	☐
c. For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	☒

3.1. Significance Thresholds

Criteria for determining the significance of impacts resulting from Noise have been developed in accordance with Appendix G of the *State CEQA Guidelines* (2020) and threshold considerations established by City of Riverside. For purposes of this Noise evaluation, the proposed Project would have a significant impact if it results in any of the following:

a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the proposed Project in excess of standards established in the local general plan for noise ordinance, or applicable standards of other agencies?

b) Generation of excessive groundborne vibration or groundborne noise levels?

c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the proposed Project expose people residing or working in the proposed Project area to excessive noise levels?

A project is considered to have a significant noise impact where it causes an adopted noise standard to be exceeded for the project site or for adjacent sensitive receptors. In addition to being concerned about the absolute noise level that might occur when a new source is introduced into an area, it is also important to consider the existing noise environment. If the existing noise environment is quiet and the new noise source greatly increases the noise exposure, even though a criterion level might not be exceeded, some impact may occur. Lacking adopted standards for evaluating such impacts, general considerations for community noise environments are that a change of over 5 dBA is readily noticeable when the existing noise level is less than 60 dBA and, therefore, is considered a significant impact. Increases in the ambient noise level between 3 dBA and 5 dBA are noticed when existing noise levels are between 60 dBA and 65 dBA, therefore a significant impact would occur under these conditions.

Changes in community noise levels greater than 1.5 dBA are noticeable when the existing noise level is greater than 65 dBA; therefore, a significant impact would occur.

The City's Municipal Code does not have specific, numeric noise standards (e.g., 90 dB Leq) for construction noise. However, the City's General Plan sets forth a requirement to assess and minimize noise levels in the development review process to the extent required by the compatibility matrix and requires a noise study to evaluate noise levels against standards. The General Plan requires the study to recommend suitable mitigation consistent with Title 24 regulations and the City's Noise Code. Mitigation may include but not be limited to: walls, berms, interior noise insulation, double paned windows, or other noise mitigation measures as appropriate, in the design of new residential or other noise sensitive land uses (City of Riverside 2007b).

While all projects in the city would be subject to the permissible construction hours established by the Municipal Code, it is possible that some discretionary and non-discretionary construction activities could result in temporary increases in noise levels above ambient conditions by 15 to 30 dBs or more during permissible time frames. Potential temporary construction-related noise increases of more than 10 dBA above ambient conditions during permissible construction hours would be a potentially significant impact (City of Riverside 2007b).

3.1.1. Construction (Short-term) Noise

City Municipal code allows for construction activities that generate noise to occur on weekdays from 7:00 a.m. to 7:00 p.m. and on Saturdays between 8:00 a.m. to 5:00 p.m. Construction noise is not allowed on Sundays or federal holidays unless a variance has been granted by the City of Riverside. According to the analysis in the EIR General Plan Update, the City would require each project to implement mitigation measures that address construction-related noise in order to minimize impacts to surrounding sensitive receptors (City of Riverside 2007b).

Construction activity generates noise that has a short-term impact on ambient noise levels. Noise generated by but not limited to construction equipment, including trucks, graders, bulldozers, concrete mixers and portable generators, can reach high levels and have the potential to impact nearby sensitive land uses. The construction noise impacts to a particular area are dependent upon a number of factors specific to the project. Some of the factors include proximity to sensitive land use, time of day, intervening barriers, level of construction (i.e., number and type of construction equipment that is operating simultaneously), and the duration of the project's construction phase.

Worst-case examples of construction noise at 50 feet are presented in **Table 8**, *Typical Construction Equipment Noise Emission Levels*. The peak noise level for most of the equipment that would be used during construction is in the range of 55 to 85 dBA at a distance of 50 feet. Noise levels at further distances are less.

Table 8. Typical Construction Equipment Noise Emission Levels	
Equipment Type	**Equipment L$_{max}$ dBA at 50 feet (~15 meters)**
Auger Drill Rig	85
Backhoe	80
Compactor (ground)	80

Table 8. Typical Construction Equipment Noise Emission Levels	
Equipment Type	**Equipment L_{max} dBA at 50 feet (~15 meters)**
Compressor (air)	80
Concrete Mixer Truck	85
Crane	85
Dozer	85
Dump Truck	84
Front End Loader	80
Generator	70
Grader	85
Paver	85
Jackhammer	85
Pickup Truck	55
Pneumatic Tools	85
Vacuum Street Sweeper	80

Source: FHWA 2006

There are no standardized state or federal regulatory standards developed for assessing construction noise impacts. However, the Federal Transit Administration (FTA) has developed and published a guideline criterion that is considered to be reasonable to assess noise impacts from construction operations. The FTA noise criteria relevant to the proposed Project site is summarized in below in **Table 9**, *FTA Construction Noise Criteria*.

Table 9. FTA Construction Noise Criteria			
	8-hour (dBA L_{eq})		**30-Day Average Ldn (dB) or Leq (dBA)**
Land Use	**Day**	**Night**	
Residential	80	70	75
	1-hour (dBA L_{eq})		
Residential	90	80	

Source: FTA 2018

The City would require each project to implement the proposed General Plan Update Policies, and Policy Actions, and mitigation measures that address construction-related noise in order to minimize impacts to surrounding sensitive receptors. Through the environmental review process for individual projects, additional mitigation may also be required to further reduce construction-related noise impacts to a less than significant level (City of Riverside 2007b).

3.1.2. Land Use Compatibility

The City has adopted noise guidelines that provide the normally acceptable, conditionally acceptable, normally unacceptable, and conditionally unacceptable noise levels for different land uses. The proposed Project includes development of a currently vacant lot and adjoining single family residence (3469 Myers Street) into a Mixed-Use Village development with parking. According to the City's noise compatibility

matrix (see **Table 5**), ambient noise up to 65 dBA CNEL is normally acceptable and 75 dBA CNEL conditionally acceptable.

3.1.3. On-site Operational Noise

As described in the Noise Element of the County of Riverside General Plan (County of Riverside 2015), a stationary noise producer is any entity in a fixed location that emits noise. Stationary noise producers are common in many noise-sensitive areas. Motors, appliances, air conditioners, lawn and garden equipment, power tools, and generators are often found in residential neighborhoods, as well as on or near the properties of schools, hospitals, and parks. These structures are often a permanent fixture and are required for that particular land use. Industrial and manufacturing facilities are also stationary noise producers that may affect sensitive land uses. Furthermore, while noise generated by the use of motor vehicles over public roads is preempted from local regulation, the County of Riverside considers the use of these vehicles to be a stationary noise source when operated on private property such as at a truck terminal or warehousing facility. The emitted noise from the producer can be mitigated to acceptable levels either at the source or on the adjacent property through the use of proper planning, setbacks, block-walls, acoustic-rated windows, dense landscaping, or by changing the location of the noise producer.

3.1.4. Off-site Traffic Noise

During peak travel hours, heavy traffic on Riverside's streets causes higher noise levels compared to noise levels during non-peak hours. The most heavily traveled roadways in the area include Van Buren Boulevard, Alessandro Boulevard, Arlington Avenue, Tyler Street, La Sierra Avenue, Magnolia Avenue, University Avenue, and Martin Luther King Boulevard. Although there are residential uses along portions of some of these streets due to long-established land use patterns, these roadways have been designed specifically to carry large volumes (City of Riverside 2007a). Off-site project noise (i.e., roadway noise) would result in a significant impact if the proposed Project would cause the ambient noise level measured at the property line of affected uses to increase by 3 dBA, which would be a perceptible increase in traffic noise. The current estimated traffic noise levels along SR 91 exceed the City's conditionally acceptable noise exposure levels for residential land uses (City of Riverside 2007a) by more than the 3 dBA threshold. Evaluation of impact considers these existing ambient conditions relative to any additional noise generated due to the implementation of the proposed Project.

3.1.5. Construction Vibration

The Caltrans Transportation and Construction Vibration Guidance Manual (Caltrans 2020) is used to evaluate potential construction vibration impacts related to both potential building damage and human annoyance. Based on the Caltrans criteria shown in Table 19 of the Guidance Manual, construction vibration impacts would be significant if vibration levels exceed 1.0 in/sec PPV (transient sources) and 0.5 in/sec PPV (continuous/frequent intermittent sources) for new residential structures, which are the limits where minor architectural damage may occur to each type of buildings. In addition, construction vibration impacts would cause human annoyance at nearby receivers if vibration levels exceeded 0.25 in/sec PPV, which is the limit where vibration becomes distinctly perceptible from 0.04 in/sec PPV (barely perceptible) for transient sources, and 0.04 in/sec PPV (distinctly perceptible) from 0.01 in/sec PPV (barely perceptible) for (continuous/frequent intermittent sources).

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3.2. Methodology

3.2.1. Construction Noise

Construction noise was estimated using the FHWA Roadway Construction Noise Model (RCNM) (2006). RCNM predicts construction noise levels for a variety of construction operations based on empirical data and the application of acoustical propagation formulas. Using RCNM, construction noise levels were estimated at noise-sensitive receivers near the proposed Project site. RCNM provides reference noise levels for standard construction equipment, with an attenuation of 6 dBA per doubling of distance for stationary equipment.

Construction equipment operates in two modes: stationary and mobile. As a rule, stationary equipment operates in a single location for one or more days at a time, with either fixed-power operation (e.g., pumps, generators, and compressors) or variable-power operation (e.g., pile drivers, rock drills, and pavement breakers). Mobile equipment moves around the construction site with power applied in cyclic fashion, such as bulldozers, graders, and loaders (FTA 2018). Noise impacts from stationary equipment are assessed from the center of the equipment, while noise impacts from mobile construction equipment are assessed from the center of the equipment activity area (e.g., construction site).

Variation in power imposes additional complexity in characterizing the noise source level from construction equipment. Power variation is accounted for by describing the noise at a reference distance from the equipment operating at full power and adjusting it based on the duty cycle, or percent of operational time, of the activity to determine the L_{eq} of the operation (FTA 2018).

Each phase of construction has a specific equipment mix, depending on the work to be accomplished during that phase. Each phase also has its own noise characteristics; some will have higher continuous noise levels than others, and some may have high-impact noise levels. The maximum hourly L_{eq} of each phase is determined by combining the L_{eq} contributions from each piece of equipment used in that phase (FTA 2018). In typical construction projects, grading activities generate the highest noise levels because grading involves the largest equipment and covers the greatest area. Foundation excavation and construction is often the second loudest phase, followed by paving and building construction.

Project construction phases would include site preparation, grading, building construction, paving, and architectural coating (including parking area) of the proposed Project site. It is assumed that diesel engines would power all construction equipment. For assessment purposes, the loudest phase has been used for this assessment (i.e., grading and building construction), and has been modeled under the conservative assumption that a backhoe, dozer, grader, and vacuum street sweeper would be operating simultaneously.

Using the FHWA RCNM, noise was modeled at the center point of the selected noise-sensitive receivers from the nearest adjacent proposed Project property boundary of on-site construction activity. The selected sensitive receivers to the proposed Project site include six (6) representative residential properties from 50 feet out to an approximate 500-foot radius. Refer to **Figure 2** and **Table 4** for more specific information regarding the selected representative noise measurement stations.

For a conservative analysis, construction noise modeling does not account for noise reduction from existing noise barriers (e.g., other building structures). RCNM calculations are included in **Appendix B**.

3.2.2. Land Use Compatibility

To determine ambient noise levels at the proposed Project site and at nearby sensitive receivers, HANA Resources collected approximate 20-minute noise level measurements at 7 representative locations on January 11, 2024, from around 07:59 am to 11:03 pm (**Table 4** and **Appendix A**)[2]. Noise measurements are normally collected during typical peak hours, typically 06:00 am to 10:00 am or 03:00 pm to 07:00 pm. The noise measurements collected for this proposed Project included morning peak hours scenario.

The most common source of noise in the proposed Project site vicinity and particularly along its' southern boundary is vehicular traffic associated with State Route 91 (SR-91, Riverside Freeway), which controls noise levels throughout the proposed Project site. Other potential sources of vehicular traffic noise occur along Myers Street along the west, Primrose Drive to the north and Van Buren Boulevard to the east. The traffic along Van Buren Boulevard will affect primarily the northeastern part of the proposed Project. The FHWA Traffic Noise Model was used to predict traffic noise along SR-91, Myers and Primrose streets and Van Buren Boulevard under existing plus proposed Project traffic conditions to determine noise levels upon implementation of the proposed Project in comparison to the City's noise compatibility matrix shown in **Table 5**. Traffic Noise Model results are included in **Appendix C**.

3.2.3. Off-site Traffic Noise

The proposed Project would generate vehicle trips, thereby increasing traffic on area roadways. The trip generation rate for the proposed Project was based on the Institute of Transportation Engineers (ITE) Trip Generation Manual 10th Edition. The trip generation rate for low-rise residential use (ITE Code 220, closest matching code to proposed Project) is 0.56 trips per unit. Based on a proposed Project design of 149 units, the proposed Project would generate an estimated 83.44 (0.56 x 149) average daily trips (ADT). Roadway noise impacts were assessed on Myers Street and Van Buren Boulevard because vehicle access to the proposed Project will be from these roadways.

3.2.4. Ground Borne Vibration

The proposed Project does not include any substantial vibration sources associated with operation. Thus, construction activities have the greatest potential to generate ground borne vibration affecting nearby receivers and structures, especially during grading of the proposed Project site. A quantitative assessment of potential vibration impacts from construction activities may be conducted using the equations developed by Caltrans (Caltrans 2013b). The greatest vibratory sources during construction would be from operation of large dozers, loaded trucks, jackhammers, and small dozers. **Table 10**, *Typical Vibration Levels During Construction Activities* shows typical vibration levels for various pieces of construction equipment used in the assessment of construction vibration (FTA 2018).

Table 10. Typical Vibration Levels During Construction Activities		
Equipment	in/sec. PPV at 25 feet	Velocity Decibels (VdB) at 25 feet
Large Dozer	0.089	87
Loaded Trucks	0.076	86

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[2] Note: Recorded times are 3 hours ahead of the actual time (see footnote 1 page 10.

Table 10. Typical Vibration Levels During Construction Activities		
Jackhammer	0.035	79
Small Dozer	0.003	58

Source: Caltrans 2013 and FTA 2018

Because ground borne vibration could cause physical damage to structures, vibration impacts were modeled based on the distance from the location of vibration-intensive construction activities, conservatively assumed to be at the edge of the proposed Project site, to the edge of nearby off-site structures. Therefore, the ground borne vibration analysis differs from the construction noise analysis in that modeled distances for vibration impacts are those distances between the proposed Project site to nearest off- site structures (regardless of sensitivity) whereas modeled distances for construction noise impacts are those distances between the center of on-site construction activity and the property line of the nearest off-site sensitive receivers.

Based on the distance to various nearby residential structures, equipment was modeled at between 50 feet and 565 feet of the proposed Project site. Vibration calculations are included in **Appendix D**.

The proposed Project is located adjacent to the Riverside Freeway (SR-91) along its' southeastern boundary. Although not associated with a source of construction vibration, it is nonetheless a potential source associated with traffic along this transportation corridor. However, extensive development including residential dwellings are situated on both sides of this corridor in the vicinity of the proposed Project. The nearest structures of the proposed Project are at least 90 feet set back from the main southbound traffic lanes. As noted in the Certified PEIR, truck pass-by vibration would not result in potential damage to nearby structures, and that vibration would not be noticeable outside 50 feet from the roadway.

3.3. Impact Analysis

3.3.1. Introduction

This section describes the existing noise conditions for the proposed Project site and evaluates potential impacts from noise and vibration that would occur due to implementation of the proposed Project. Mitigation measures are recommended to reduce potential impacts. The analysis is based on the measurement of ambient noise levels and modeling of traffic noise and construction and vibration noise associated with the proposed Project site.

a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the proposed Project in excess of standards established in the local general plan lor noise ordinance, or applicable standards of other agencies?

3.3.2. Temporary Construction Noise Impacts

Construction activity would result in temporary increases in ambient noise in the proposed Project area on an intermittent basis and, as such, would expose surrounding noise sensitive receivers to increased noise. The nearest receivers include single-family residences to the southwest, west, northwest, north and northeast of the proposed Project site. Construction equipment would be continuously moving across the site, coming near and then moving further away from individual receivers. Due to the dynamic nature

of construction, maximum hourly noise levels are calculated at various distances from the construction activity to the nearest receivers. As discussed under Section 3.2, Methodology, the FHWA RCNM was used to calculate noise associated with construction equipment. The RCNM calculations are included in **Appendix B**. Construction noise levels and distances to the nearest receivers are shown in **Table 11**, *Construction Noise Levels at Receptors.*

Table 11. Construction Noise Levels at Receptors						
	Approximate L_{eq}/L_{max} dBA					
Construction Equipment	50 feet	50 feet	75 feet	418 feet	237 feet	565 feet
Station ID	STA 1	STA 2	STA 4	STA 5	STA 6	STA 7
Receiver ID	Receptor 1	Receptor 2	Receptor 3	Receptor 4	Receptor 5	Receptor 6
Backhoe	73.6/77.6	73.6/77.6	70.1/74	55.1/59.1	60.1/64	52.5/56.5
Dozer	77.7/81.7	77.7/81.7	74.2/78.1	59.2/63.2	64.2/68.2	56.6/60.6
Grader	81/85	81/85	77.5/81.5	62.6/66.6	67.5/71.5	60/63.9
Vacuum Street Sweeper	81.3/85.3	81.3/85.3	77.8/81.8	62.9/66.9	67.8/71.8	60.3/54.2
Total	85.4/85.3	85.4/85.3	81.8/81.8	66.9/66.9	71.8/71.8	64.3/64.2
See Appendix B for RCNM results						

To ensure that future development projects implement appropriate construction noise controls, the City requires development projects that are subject to discretionary review to assess potential construction noise levels and minimize substantial adverse impacts by implementing feasible construction noise control measures that reduce construction noise levels at sensitive receptor locations (City of Riverside 2007b). Such measures may include, but are not limited to: 1) construction management techniques (e.g., providing advance notice of construction activities to nearby noise-sensitive receptors, siting staging areas away from noise-sensitive land uses, phasing activities to take advantage of shielding/attenuation provided by topographic features or buildings, monitoring construction); 2) construction equipment controls (e.g., ensuring equipment has mufflers, use of electric hook-ups instead of generators); 3) use of temporary sound barriers (equipment enclosures, berms, walls, blankets, or other devices) when necessary; 4) preparation of a plan, procedures, or other mechanism to receive track, respond, and resolve construction noise complaints, including designation of an on-site appointee to handle such complaints, and report back to City staff; and 5) require monitoring construction noise levels if complaints are received to verify the need for additional noise controls.

Based on FHWA guidance, a significant impact would occur if project-generated construction noise exceeds 85 dBA L_{max} noise limit during the day and 80 dBA L_{max} noise limit during the night at the nearest residences (FHWA 2006). Similarly, FTA guidance (**Table 10**) allows for a 90 dBA L_{eq} (1 hour) noise limit during the day and 80 dBA L_{eq} (1 hour) noise limit during the night, and an 80 dBA L_{eq} (8 hour) noise limit during the day and 70 dBA L_{eq} (8 hour) noise limit during the night at the nearest receptor.

As shown in **Table 11**, total noise levels during project construction were calculated to range from between 85.4 dBA L_{eq} and 64.3 dBA L_{eq}, and 85.3 dBA L_{max} and 64.2 dBA L_{max}, at the six (6) noise-sensitive

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receivers selected for analysis. Construction noise would barely exceed the applied FHWA L_{max} noise criteria of 85 dBA for construction noise at Receptor 1 and Receptor 2. Construction noise would also exceed the applied FTA L_{eq} 8-hour noise criteria of 80 dBA at Receptor 1, Receptor 2, and Receptor 3. However, none of the receptor locations would exceed the FTA L_{eq} 1-hour noise criteria of 90 dBA. In addition, calculated construction noise would also potentially exceed measured ambient noise conditions at all receptor locations except Receptor 6 by more than 10 dBA.

The City's Municipal Code, however, does not have specific, numeric noise standards for construction noise. However, it does stipulate that potential temporary construction-related noise increases of more than 10 dBA above ambient conditions during permissible construction hours would be a potentially significant impact (City of Riverside 2007b). As a condition of the proposed Project, construction activities shall take place between the hours of 7:00 a.m. and 7:00 p.m. and not at all during other hours or on Sundays or federal holidays, in compliance with City's Municipal Code. This condition shall be listed on the proposed Project's final design to the satisfaction of the City of Riverside Planning Department. In addition, the proposed Project shall also include the following conditions for grading permit approval:

- The project contractor shall, to the extent feasible, schedule construction activities to avoid the simultaneous operation of construction equipment so as to minimize noise levels resulting from operating several pieces of high noise level emitting equipment.
- All construction equipment, fixed or mobile, shall be equipped with properly operating and maintained mufflers. Enforcement shall be accomplished by random field inspections during construction activities, to the satisfaction of the City.
- Construction noise reduction methods such as shutting off idling equipment, construction of a temporary noise barrier, maximizing the distance between construction equipment staging areas and adjacent residences, and use of electric air compressors and similar power tools, rather than diesel equipment, shall be used where feasible.
- During construction, stationary construction equipment shall be placed such that emitted noise is directed away from or shielded from sensitive receptors.
- Construction hours, allowable workdays, and the phone number of the job superintendent shall be clearly posted at all construction entrances to allow surrounding property owners to contact the job superintendent if necessary. In the event the City receives a complaint, appropriate corrective actions shall be implemented, and a report of the action provided to the reporting party.

By incorporating these conditions and implementing City approved feasible construction noise control measures to reduce construction noise levels at sensitive receptor locations (e.g.: construction management techniques, construction equipment controls, use of temporary sound barriers where feasible, monitoring and responding to noise complaints), construction noise impacts would be reduced to **less than significant**.

3.3.3. Land Use Compatibility

Operation of the proposed Project would not likely expose future residential development to excess ambient noise levels. However, agencies subject to CEQA generally are not required to analyze the impact of existing environmental conditions on a projects' future users or residents.

3.3.4. On-site Operational Noise

The proposed Project would require periodic delivery and trash hauling services. However, noise associated with delivery and trash-hauling trucks would be an intermittent noise source and are already a common occurrence in the proposed Project area associated with existing commercial and residential uses that make up the surrounding developed urban area. Because delivery and trash trucks are already a common occurrence in the proposed Project vicinity, such services associated with the proposed Project would not result in a substantial permanent increase in ambient noise levels without the proposed Project.

Noise from rooftop-mounted HVAC equipment typically generates noise in the range of 60 dBA to 70 dBA L_{eq} at a reference distance of 15 feet from the source (Illingworth & Rodkin, Inc. 2009). The location of the nearest rooftop-mounted HVAC is not known at the time this analysis was made. However, assuming that the nearest sensitive receptor is located at least 100 feet from rooftop-mounted HVAC equipment, and that the noise from HVAC equipment would attenuate at a rate of approximately 6 dBA per doubling of distance from the source, rooftop-mounted HVAC equipment would generate a noise level in the range of 48 to 58 dBA L_{eq} at the nearest receptor. As shown in **Table 4**, ambient noise at the nearest receptor locations (Receptor 1 and Receptor 2) was measured at 58.3 dBA L_{eq} and 73.8 dBA L_{eq}, respectively. Based on estimated noise levels between 48 to 58 dBA L_{eq} for HVAC equipment at the nearest residence, noise levels from such equipment would not exceed the ambient noise of any other occupied property. Furthermore, rooftop HVAC units are traditionally shielded from surrounding land uses with parapets and roofs that block line-of-sight to sensitive receivers would typically provide at least a 5-dBA noise reduction. However, operation of HVAC equipment may potentially increase ambient noise to potential receivers within the proposed Project above the State and City's 45 dBA Ldn interior standard. This is also true for noise levels generated along SR-91 where exterior noise (both measured and modeled) exceeds the City's 55 dBA exterior noise standard. As a condition of the proposed Project, the dwellings shall require mechanical ventilation systems or air conditioning systems in order to ensure that windows and doors at the upper-floor elevations can remain closed while maintaining a comfortable environment. Additionally, sound-rated windows shall be installed, as deemed necessary. An interior noise analysis shall be required for the proposed habitable rooms on the upper floors of lots adjacent to SR-91 prior to issuance of building permits. Installation of these systems (i.e., HVAC and sound-rated windows) shall be required if the interior noise analysis shows that impacts are above the State and City's 45 dBA Ldn interior standard. Implementation of the following conditions would reduce the potential interior noise levels and therefore, operational noise impacts associated with HVAC equipment and exterior traffic noise **would be reduced to less than significant**.

3.3.5. Off-site Traffic Noise Impacts

The proposed Project will generate new vehicle trips and incrementally increase traffic on Myers Street, Primrose Street and Van Buren Boulevard. Based on the ITE daily trip generation rate, the proposed Project would generate an additional approximately 83.44 ADT. Based on the results of the Traffic Noise Model (TNM), the addition of the 83.44 vehicle trips plus existing traffic is estimated to produce noise levels ranging from 90.8 dBA L_{eq} (Receiver 3/STA 3) to 74.6 dBA L_{eq} (Receiver 7/STA 7) for those receivers where ambient noise levels were measured. All modeled noise levels at these receiver locations exceeded their corresponding ambient noise levels that were measured in the field. The modeled noise level of 90.8 dBA L_{eq} at Receiver 3/ STA 3 location exceeds the ambient measurement of 77.3 dBA L_{eq} at that location (adjacent to SR-91). The acceptable daytime noise level for residential land use is 55 dBA (**Table 6**). All seven (7) locations where noise measurements were collected exceed the City's residential daytime land

use criteria of 55 dBA. Five (5) of the seven (7) locations modeled exceed the ambient noise measurements; the exceptions being Receiver 5/ STA 5 location with 77.6 dBA L$_{eq}$ (80.6 dBA L$_{eq}$ ambient), and Receiver 7/ STA 7 location with 74.6 dBA L$_{eq}$ (80.6 dBA L$_{eq}$ ambient).

Ambient noise already exceeds the City's noise standards for the proposed Project area and surrounding residential receptors. The modeled off-site traffic noise associated with the proposed Project also exceeds the City's noise standard for residential land use. An additional exceedance would occur during morning and afternoon peak hours, but the additional noise generated occurs in an area already exceeding the City's noise standards. If interior noise analysis indicates that the habitable rooms on the upper floors of the various proposed Project dwellings would exceed the State and City's 45 dBA Ldn interior standard, implementation of the conditions as described above in Section 3.3.4 On-site Operational Noise would reduce these traffic related noise impacts to **less than significant**.

3.3.6. Vibration Impacts

    b) Generation of excessive ground-borne vibration or ground-borne noise levels?

Certain types of construction equipment can generate high levels of ground-borne vibration. Construction of the proposed Project would potentially utilize bulldozers, loaded trucks, and jackhammers during construction phases. Vibration impacts are assessed based on the distance from the location of vibration-intensive construction activities, conservatively assumed to be at edge of the proposed Project site, to the edge of nearby off-site structures. Based on the distance of nearby structures to the proposed Project site, equipment was modeled from a minimum distance of 50 feet to maximum distance of 565 feet (**Figure 2** and **Table 4**). **Table 12**, *Vibration Levels at Receptors* shows estimated ground borne vibration levels from proposed Project equipment.

Table 12. Vibration Levels at Receptors						
	in./sec. PPV					
Construction Equipment	50 feet	50 feet	75 feet	237 feet	418 feet	565 feet
Station ID	STA 1	STA 2	STA 4	STA 6	STA 5	STA 7
Large Bulldozer	0.0315	0.0315	0.0171	0.0030	0.0013	0.0008
Loaded Truck	0.0269	0.0269	0.0146	0.0026	0.0011	0.0007
Jackhammer	0.0124	0.0124	0.0067	0.0012	0.0005	0.0003
Small Bulldozer	0.0011	0.0011	0.0006	0.0001	0.0000	0.0000
See Appendix D for vibration worksheets						

As shown in **Table 12**, ground-borne vibration from typical construction equipment would not exceed the applicable threshold of 1.0 in./sec. PPV (transient sources) and 0.5 in./sec. PPV (continuous/frequent intermittent sources) for new residential structures. Ground-borne vibration from typical construction equipment would not exceed the applicable threshold of 0.5 in./sec. PPV (transient sources) and 0.3 in./sec. PPV (continuous/frequent intermittent sources) for older residential structures surrounding the proposed Project site. Furthermore, ground-borne vibration would not exceed the threshold of 0.24

in./sec. PPV (transient sources) and the 0.035 in./sec. PPV (continuous/frequent intermittent sources) for human annoyance at the modeled distances. In addition, the proposed Project would not generate significant stationary sources of vibration. Therefore, construction and operational vibration impacts would be **less than significant**.

3.3.7. Airport Noise Impacts

    c)   For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the proposed Project expose people residing or working in the proposed Project area to excessive noise levels?

Riverside Municipal Airport, Flabob Airport, and March Air Reserve Base/Inland Port Airport are located within the City of Riverside's sphere of influence (City of Riverside 2007b). Riverside Municipal Airport is located approximately 2.5 miles north of the proposed Project site. Flabob Airport is located 5.5 miles northeast of the proposed Project site. These airports are located within a ten (10) mile radius of the proposed Project site but are located outside their respective airport influence areas and outside the 60 dB CNEL noise contour. Therefore, these airports would have **no impact** on the proposed Project site.

March Joint Air Reserve Base/March Inland Port (March Air Reserve Base) is located approximately 10 miles to the east. Although a major source of aircraft activity in western Riverside County, March Air Reserve Base is not included in the Noise section of the County of Riverside Environmental Impact Report. First, the airport and the surrounding lands are addressed under their own master plan issued by the March Joint Powers Authority. As such, these lands are not under the direct jurisdiction of the Riverside County General Plan. Secondly, military operations are subject to different regulations than those discussed for public-use airports here, as it is recognized that matters of national security and safety at times are of greater significance than noise levels (2007b). The proposed Project site is not situated within an airport influence area associated with March Air Reserve Base and outside the 60 dB CNEL noise contour restriction (2007b). Therefore, this airport would have **no impact** on the proposed Project site.

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PR-2024-001643 (TM, DR) Exhibit 9 - CEQA Appendix N Consistency Analysis

APPENDIX A

NOISE MEASUREMENT DATA

Logger results – STA 1 RESIDENCE

	Start	Duration	LASmin (TH)	LASmax (TH)	LCpeak (TH)	LAeq (TH)
Info	-	-	P1 (A, Slow)	P1 (A, Slow)	P1	P1 (A, Lin)
Main cursor	1/11/2024 7:59:08	-	58.0 dB	58.5 dB	82.6 dB	58.3 dB

1
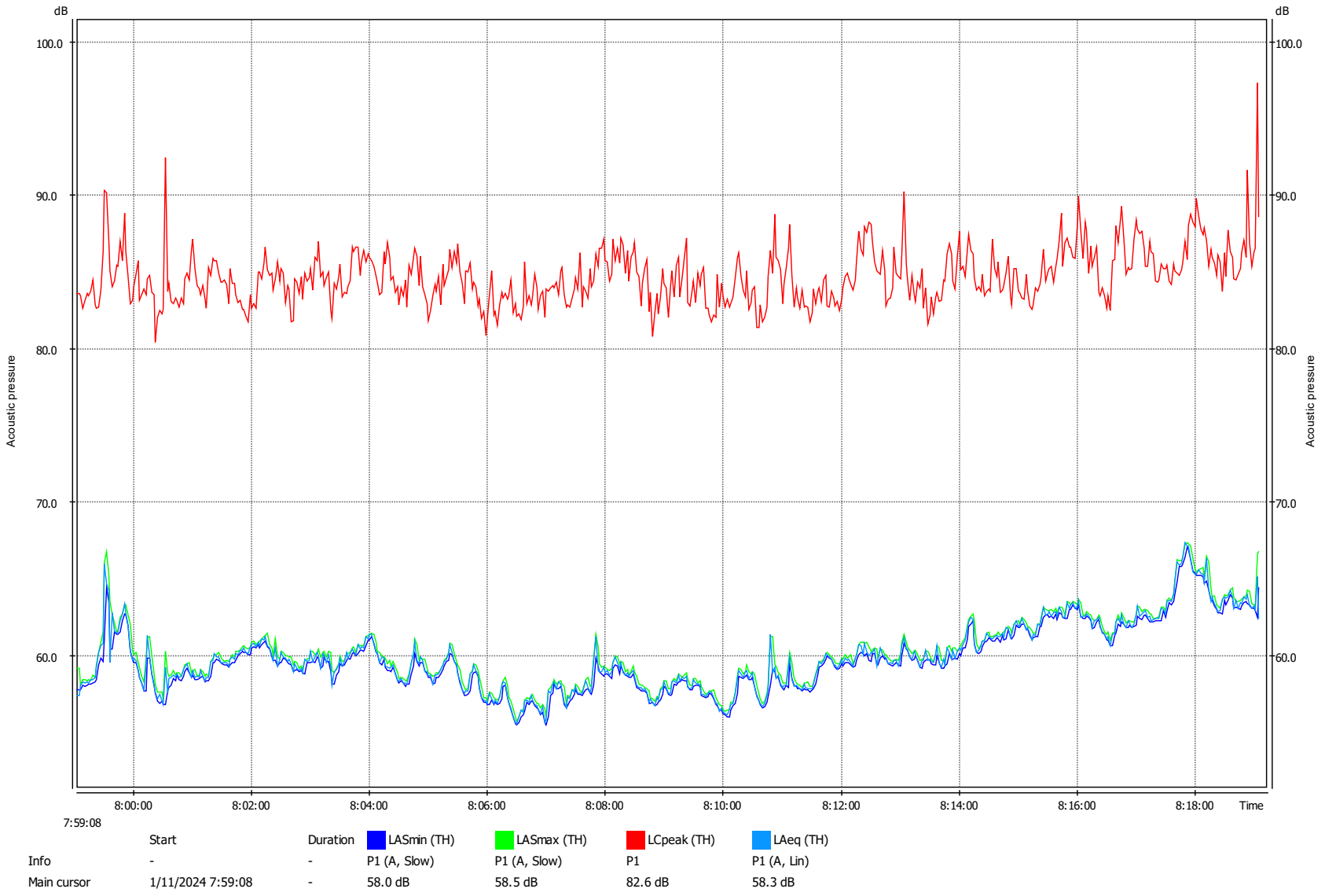
Logger results – STA2 RESIDENCE
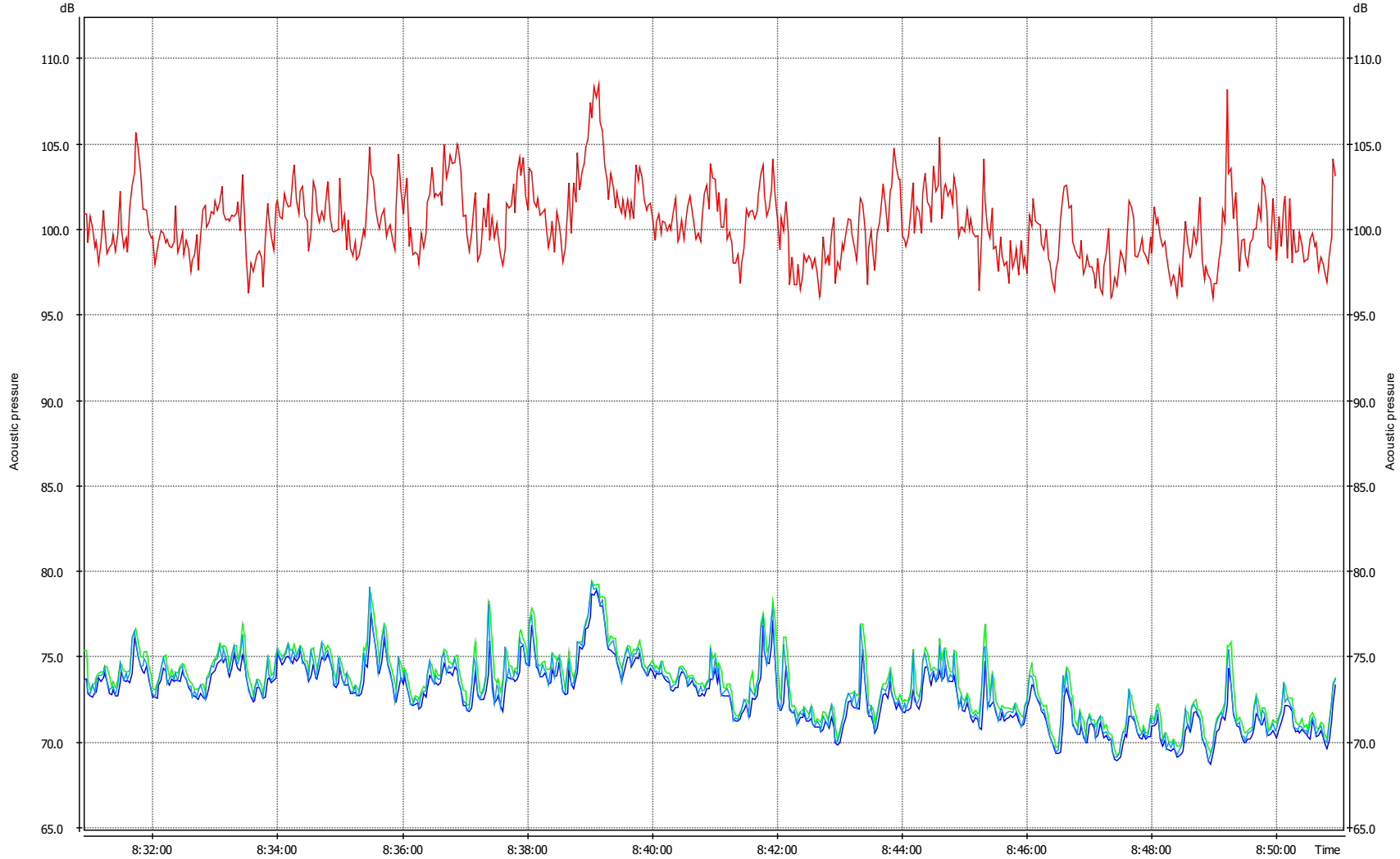
	Start	Duration	LCpeak (TH)	LASmax (TH)	LASmin (TH)	LAeq (TH)
Info	-	-	P1	P1 (A, Slow)	P1 (A, Slow)	P1 (A, Lin)
Main cursor	1/11/2024 8:40:12	-	100.4 dB	74.2 dB	73.7 dB	73.8 dB

1

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Logger results – STA3 PROJECT SITE ALONG FREEWAY

	Start	Duration	LCpeak (TH)	LASmax (TH)	LASmin (TH)	LAeq (TH)
Info	-	-	P1	P1 (A, Slow)	P1 (A, Slow)	P1 (A, Lin)
Main cursor	1/11/2024 8:57:50	-	104.8 dB	77.2 dB	75.6 dB	77.3 dB

1

PR-2024-001643 (TM, DR) Exhibit 9 - CEQA Appendix N Consistency Analysis
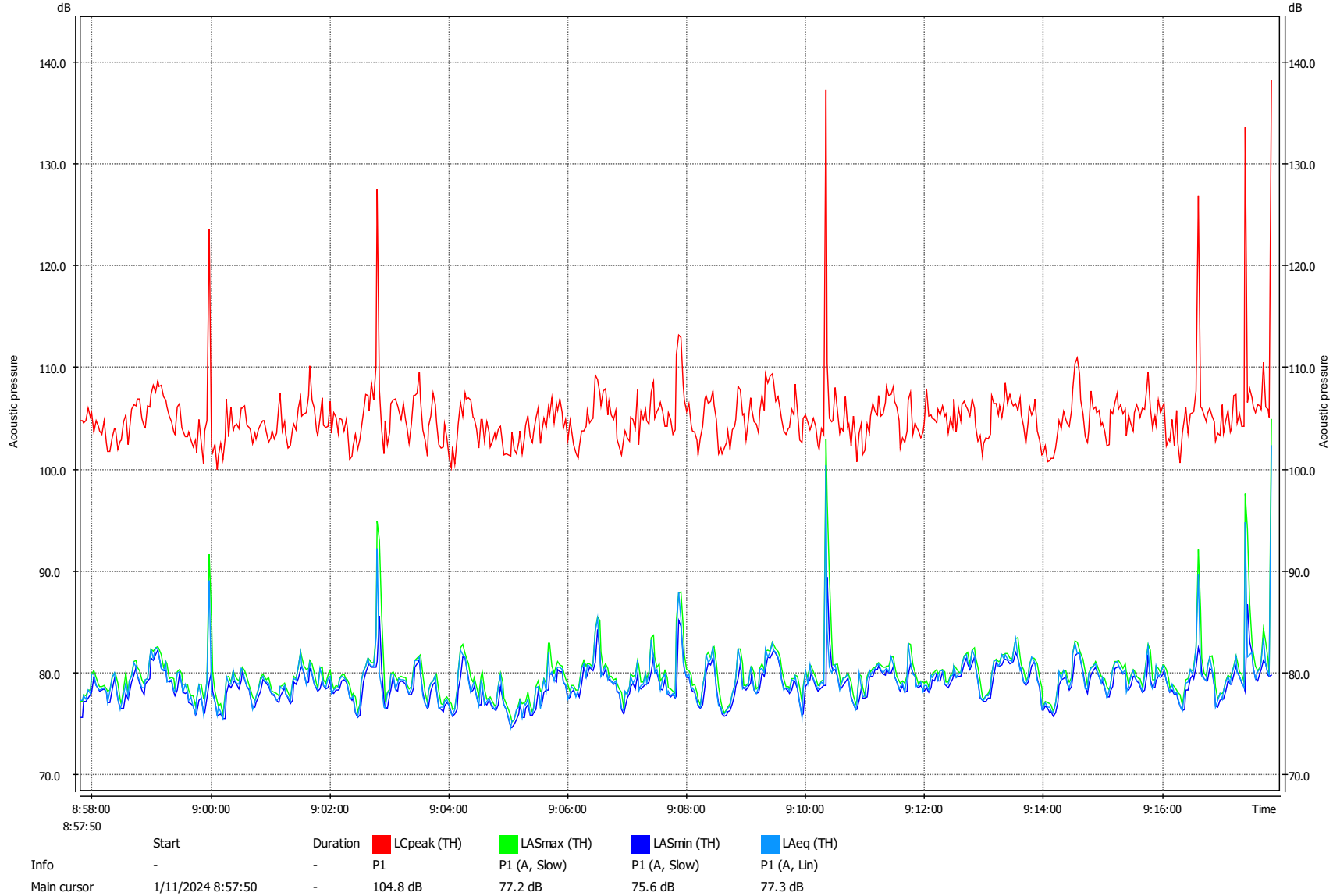
Logger results – STA4 RESIDENCE
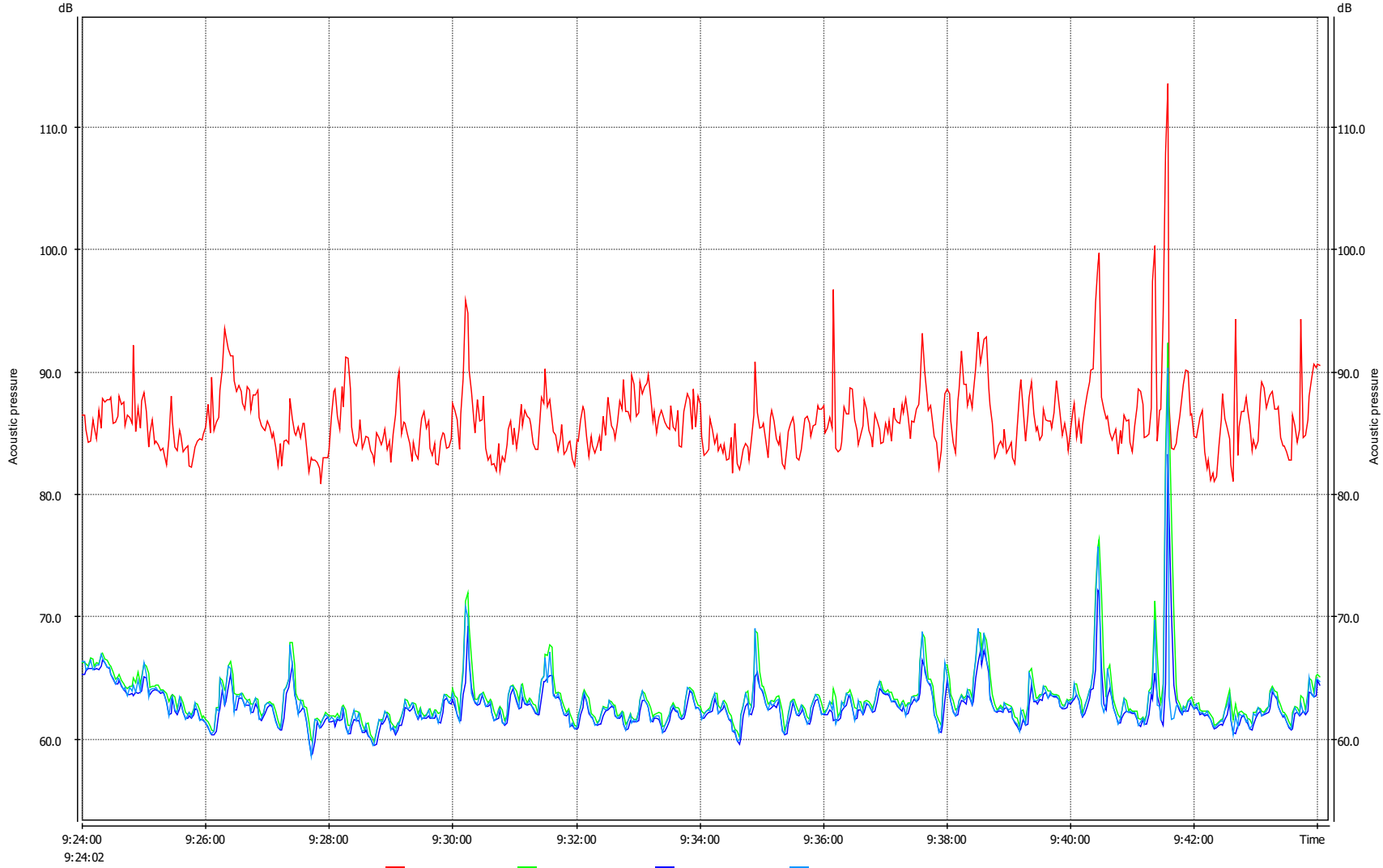
	Start	Duration	LCpeak (TH)	LASmax (TH)	LASmin (TH)	LAeq (TH)
Info	-	-	P1	P1 (A, Slow)	P1 (A, Slow)	P1 (A, Lin)
Main cursor	1/11/2024 9:24:02	-	86.5 dB	66.3 dB	65.3 dB	66.4 dB

1

PR-2024-001643 (TM, DR) Exhibit 9 - CEQA Appendix N Consistency Analysis

Logger results – STA5 RESIDENCE

	Start	Duration	LCpeak (TH)	LASmax (TH)	LASmin (TH)	LAeq (TH)
Info	-	-	P1	P1 (A, Slow)	P1 (A, Slow)	P1 (A, Lin)
Main cursor	1/11/2024 9:48:24	-	101.8 dB	85.2 dB	80.4 dB	80.6 dB

1
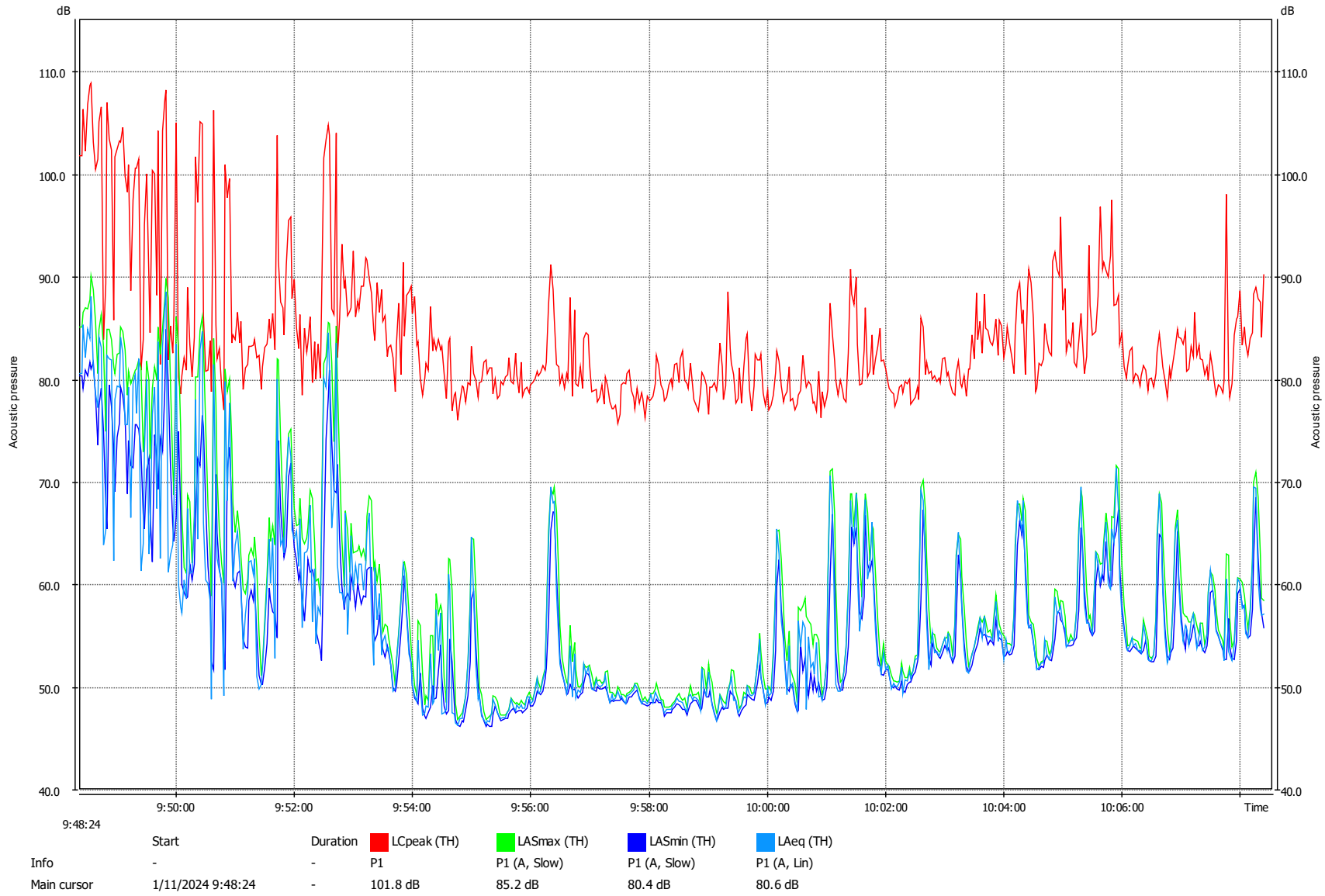
Logger results – STA6 RESIDENCE
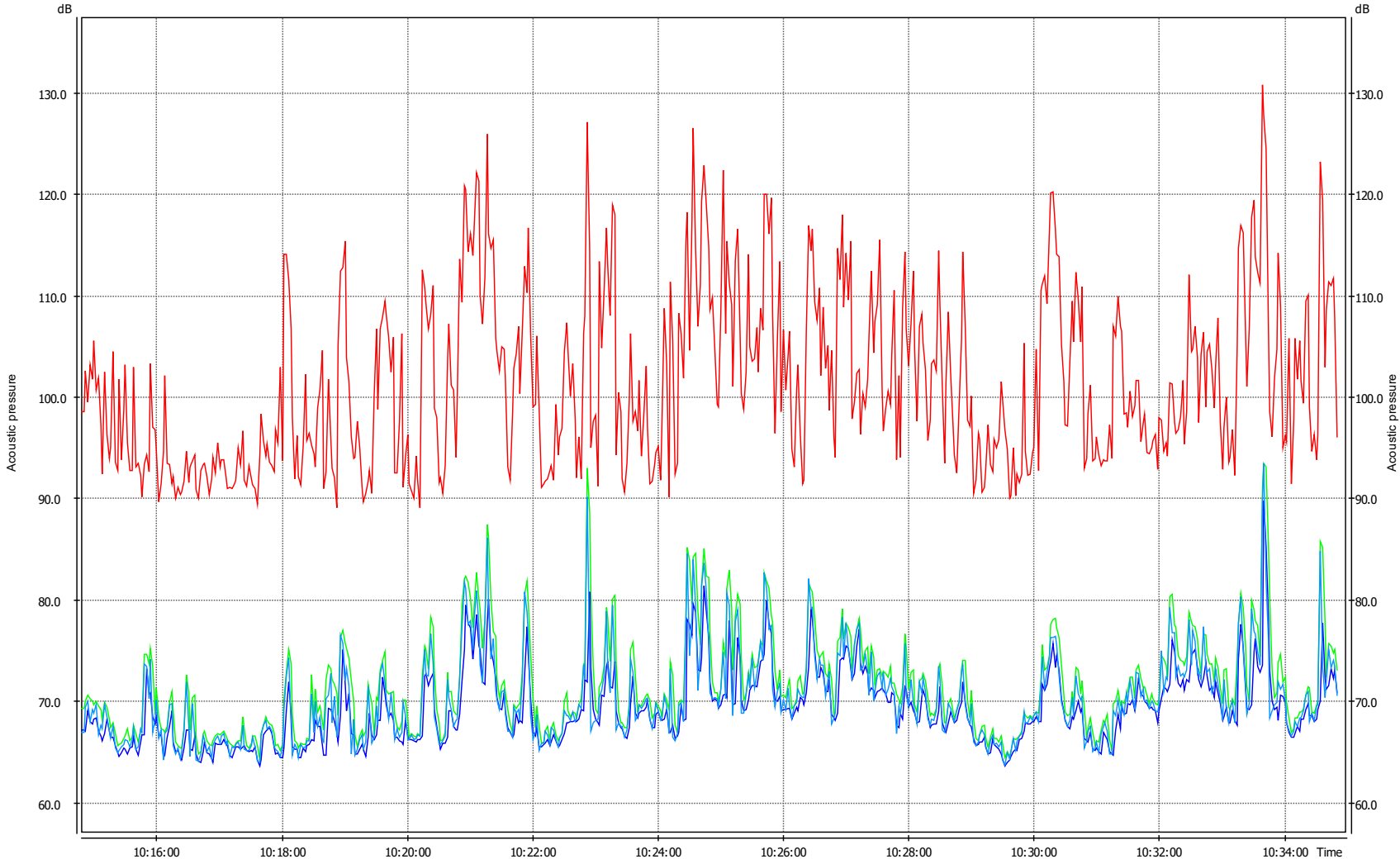
	Start	Duration	LCpeak (TH)	LASmax (TH)	LASmin (TH)	LAeq (TH)
Info	-	-	P1	P1 (A, Slow)	P1 (A, Slow)	P1 (A, Lin)
Main cursor	1/11/2024 10:14:50	-	98.5 dB	69.3 dB	67.2 dB	66.9 dB

1

PR-2024-001643 (TM, DR) Exhibit 9 - CEQA Appendix N Consistency Analysis

Logger results – STA7 RESIDENCE
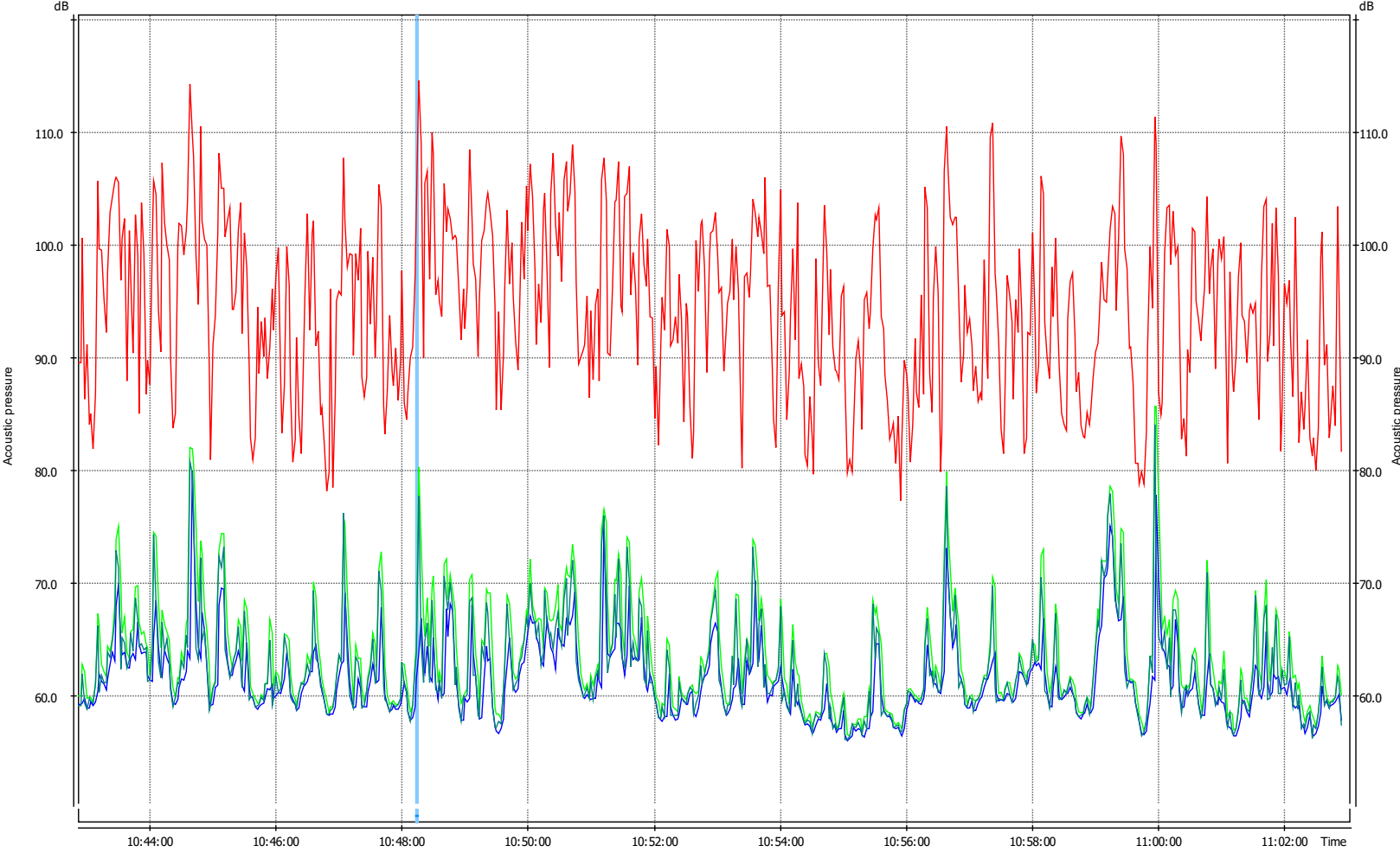
	Start	Duration	LCpeak (TH)	LASmax (TH)	LASmin (TH)	LAeq (TH)
Info	-	-	P1	P1 (A, Slow)	P1 (A, Slow)	P1 (A, Lin)
Main cursor	1/11/2024 10:42:54	-	89.6 dB	60.1 dB	59.2 dB	59.2 dB
High vibration level	1/11/2024 10:48:14	00:00:01.000	114.6 dB	80.4 dB	63.8 dB	80.6 dB

1

STA1 - Logger results

No.	Date & time	P1 - Profile1 LCpeak (TH) [dB]	P1 - Profile1 (A, Slow) LASmax (TH) [dB]	P1 - Profile1 (A, Slow) LASmin (TH) [dB]	P1 - Profile1 (A, Lin) LAeq (TH) [dB]
1	1/11/2024 7:59:04	83.6	59.2	57.7	57.4
2	1/11/2024 7:59:06	83.4	58.1	57.8	58.1
3	1/11/2024 7:59:08	82.6	58.5	58.0	58.3
4	1/11/2024 7:59:10	83.2	58.4	58.0	58.2
5	1/11/2024 7:59:12	83.6	58.3	58.1	58.3
6	1/11/2024 7:59:14	83.4	58.4	58.1	58.2
7	1/11/2024 7:59:16	83.7	58.4	58.1	58.4
8	1/11/2024 7:59:18	84.5	58.7	58.2	58.4
9	1/11/2024 7:59:20	82.9	58.6	58.3	58.5
10	1/11/2024 7:59:22	82.7	59.4	58.5	59.3
11	1/11/2024 7:59:24	82.7	60.2	59.4	60.2
12	1/11/2024 7:59:26	83.8	60.9	59.9	60.6
13	1/11/2024 7:59:28	86.3	61.5	59.6	60.8
14	1/11/2024 7:59:30	90.3	66.0	61.0	66.0
15	1/11/2024 7:59:32	90.2	66.7	64.4	64.7
16	1/11/2024 7:59:34	87.0	65.3	63.5	64.3
17	1/11/2024 7:59:36	85.1	63.5	60.4	59.5
18	1/11/2024 7:59:38	84.0	62.7	60.4	62.8
19	1/11/2024 7:59:40	84.4	62.1	61.5	61.6
20	1/11/2024 7:59:42	85.4	61.6	61.4	61.4
21	1/11/2024 7:59:44	85.3	61.6	61.4	61.5
22	1/11/2024 7:59:46	87.0	62.5	61.5	62.3
23	1/11/2024 7:59:48	85.8	62.7	62.3	62.7
24	1/11/2024 7:59:50	88.8	63.3	62.7	63.4
25	1/11/2024 7:59:52	86.3	63.3	62.6	62.8
26	1/11/2024 7:59:54	84.7	62.6	62.0	61.9
27	1/11/2024 7:59:56	82.9	62.0	60.3	60.3
28	1/11/2024 7:59:58	83.2	60.3	59.8	59.7
29	1/11/2024 8:00:00	84.0	60.0	59.6	59.9
30	1/11/2024 8:00:02	84.8	60.2	59.5	59.7
31	1/11/2024 8:00:04	85.7	59.5	59.0	59.0
32	1/11/2024 8:00:06	83.2	59.3	58.6	58.6
33	1/11/2024 8:00:08	83.5	58.7	58.2	58.2
34	1/11/2024 8:00:10	83.9	58.3	57.7	57.8
35	1/11/2024 8:00:12	83.5	59.8	57.7	59.5
36	1/11/2024 8:00:14	84.5	61.2	59.8	61.3
37	1/11/2024 8:00:16	84.8	61.2	59.9	60.0
38	1/11/2024 8:00:18	83.7	60.0	58.8	58.8
39	1/11/2024 8:00:20	83.5	58.8	58.1	58.0
40	1/11/2024 8:00:22	80.4	58.1	57.6	57.6
41	1/11/2024 8:00:24	82.1	57.6	57.0	57.1
42	1/11/2024 8:00:26	82.5	57.6	56.9	57.5
43	1/11/2024 8:00:28	82.2	57.6	57.0	57.1
44	1/11/2024 8:00:30	82.5	57.1	56.8	56.8
45	1/11/2024 8:00:32	92.4	60.2	56.8	59.2
46	1/11/2024 8:00:34	83.7	58.9	57.7	57.6
47	1/11/2024 8:00:36	84.3	58.7	57.9	58.5
48	1/11/2024 8:00:38	83.1	58.7	58.1	58.5
49	1/11/2024 8:00:40	82.9	59.0	58.5	58.7
50	1/11/2024 8:00:42	83.3	58.7	58.3	58.5
51	1/11/2024 8:00:44	83.2	58.9	58.7	58.8
52	1/11/2024 8:00:46	82.7	58.9	58.4	58.5
53	1/11/2024 8:00:48	83.3	58.7	58.4	58.6
54	1/11/2024 8:00:50	82.9	59.1	58.6	59.1
55	1/11/2024 8:00:52	84.5	59.4	58.9	59.3
56	1/11/2024 8:00:54	84.9	59.5	59.1	59.5

57	1/11/2024 8:00:56	84.5	59.5	58.9	58.9
58	1/11/2024 8:00:58	86.5	58.9	58.5	58.6
59	1/11/2024 8:01:00	87.1	59.0	58.7	59.0
60	1/11/2024 8:01:02	85.2	59.1	58.4	58.6
61	1/11/2024 8:01:04	84.1	58.7	58.4	58.6
62	1/11/2024 8:01:06	83.8	58.7	58.5	58.5
63	1/11/2024 8:01:08	83.5	59.1	58.5	59.0
64	1/11/2024 8:01:10	84.1	58.9	58.6	58.6
65	1/11/2024 8:01:12	83.2	58.7	58.3	58.4
66	1/11/2024 8:01:14	82.6	58.8	58.4	58.6
67	1/11/2024 8:01:16	85.3	58.7	58.3	58.6
68	1/11/2024 8:01:18	84.7	59.6	58.6	59.6
69	1/11/2024 8:01:20	85.9	59.9	59.5	59.7
70	1/11/2024 8:01:22	85.8	60.1	59.5	60.1
71	1/11/2024 8:01:24	85.7	60.0	59.8	59.9
72	1/11/2024 8:01:26	84.9	60.2	59.7	59.9
73	1/11/2024 8:01:28	84.3	59.9	59.6	59.5
74	1/11/2024 8:01:30	84.3	59.8	59.5	59.6
75	1/11/2024 8:01:32	84.5	59.6	59.4	59.5
76	1/11/2024 8:01:34	84.2	59.6	59.4	59.6
77	1/11/2024 8:01:36	83.0	59.6	59.3	59.4
78	1/11/2024 8:01:38	85.2	59.8	59.4	59.8
79	1/11/2024 8:01:40	84.3	60.1	59.6	59.9
80	1/11/2024 8:01:42	84.2	59.9	59.6	59.8
81	1/11/2024 8:01:44	83.5	60.2	59.6	60.1
82	1/11/2024 8:01:46	83.0	60.3	60.0	60.0
83	1/11/2024 8:01:48	83.1	60.4	60.1	60.4
84	1/11/2024 8:01:50	82.6	60.5	60.2	60.4
85	1/11/2024 8:01:52	82.5	60.6	60.2	60.5
86	1/11/2024 8:01:54	82.1	60.5	60.2	60.2
87	1/11/2024 8:01:56	81.7	60.4	60.0	60.2
88	1/11/2024 8:01:58	83.5	60.6	60.0	60.6
89	1/11/2024 8:02:00	82.7	60.8	60.5	60.7
90	1/11/2024 8:02:02	83.0	60.9	60.6	60.8
91	1/11/2024 8:02:04	82.6	60.8	60.5	60.6
92	1/11/2024 8:02:06	85.0	60.9	60.7	60.9
93	1/11/2024 8:02:08	85.0	61.0	60.5	60.7
94	1/11/2024 8:02:10	84.5	61.1	60.7	61.1
95	1/11/2024 8:02:12	85.6	61.2	60.9	61.0
96	1/11/2024 8:02:14	86.6	61.3	60.9	61.3
97	1/11/2024 8:02:16	85.1	61.5	60.5	60.6
98	1/11/2024 8:02:18	84.8	60.7	60.4	60.5
99	1/11/2024 8:02:20	84.9	60.5	59.9	60.0
100	1/11/2024 8:02:22	83.8	60.0	59.7	59.7
101	1/11/2024 8:02:24	84.5	61.0	59.7	60.5
102	1/11/2024 8:02:26	85.7	59.9	59.3	59.3
103	1/11/2024 8:02:28	84.4	59.7	59.5	59.7
104	1/11/2024 8:02:30	85.2	60.3	59.6	60.2
105	1/11/2024 8:02:32	84.9	60.2	59.9	59.9
106	1/11/2024 8:02:34	83.0	60.0	59.7	59.8
107	1/11/2024 8:02:36	84.1	60.0	59.6	59.6
108	1/11/2024 8:02:38	83.9	59.9	59.5	59.8
109	1/11/2024 8:02:40	81.7	59.9	59.4	59.5
110	1/11/2024 8:02:42	81.8	59.4	59.0	58.9
111	1/11/2024 8:02:44	84.5	59.6	59.0	59.5
112	1/11/2024 8:02:46	84.3	59.5	59.1	59.2
113	1/11/2024 8:02:48	83.6	59.2	59.0	59.0
114	1/11/2024 8:02:50	84.7	59.3	59.0	59.1
115	1/11/2024 8:02:52	83.2	59.1	58.9	58.9
116	1/11/2024 8:02:54	85.0	59.7	58.8	59.8
117	1/11/2024 8:02:56	84.4	59.7	59.5	59.6
118	1/11/2024 8:02:58	84.6	59.8	59.6	59.7

119	1/11/2024 8:03:00	85.2	60.2	59.5	60.3
120	1/11/2024 8:03:02	83.8	60.3	59.6	59.6
121	1/11/2024 8:03:04	85.9	60.0	59.5	59.9
122	1/11/2024 8:03:06	85.7	60.2	59.9	60.2
123	1/11/2024 8:03:08	87.0	60.4	59.9	60.0
124	1/11/2024 8:03:10	84.7	59.9	59.2	59.2
125	1/11/2024 8:03:12	85.0	60.2	59.3	60.1
126	1/11/2024 8:03:14	84.1	60.3	59.9	60.0
127	1/11/2024 8:03:16	84.7	59.9	59.6	59.5
128	1/11/2024 8:03:18	85.0	60.2	59.6	60.0
129	1/11/2024 8:03:20	82.5	60.2	59.0	59.2
130	1/11/2024 8:03:22	81.9	59.0	58.1	58.0
131	1/11/2024 8:03:24	84.2	58.9	58.1	58.9
132	1/11/2024 8:03:26	83.8	59.1	58.7	59.1
133	1/11/2024 8:03:28	84.7	59.5	59.0	59.4
134	1/11/2024 8:03:30	85.5	60.0	59.5	59.8
135	1/11/2024 8:03:32	83.4	59.6	59.3	59.3
136	1/11/2024 8:03:34	83.7	59.7	59.4	59.6
137	1/11/2024 8:03:36	83.6	60.2	59.7	60.2
138	1/11/2024 8:03:38	84.0	60.1	59.8	59.8
139	1/11/2024 8:03:40	84.4	60.2	59.8	60.1
140	1/11/2024 8:03:42	86.6	60.5	60.1	60.4
141	1/11/2024 8:03:44	86.3	60.5	60.2	60.3
142	1/11/2024 8:03:46	86.7	60.2	60.0	60.0
143	1/11/2024 8:03:48	86.6	60.7	60.1	60.7
144	1/11/2024 8:03:50	84.8	60.6	60.4	60.4
145	1/11/2024 8:03:52	85.7	60.6	60.4	60.6
146	1/11/2024 8:03:54	86.4	60.6	60.3	60.5
147	1/11/2024 8:03:56	85.7	61.2	60.6	61.2
148	1/11/2024 8:03:58	86.2	61.3	61.0	61.0
149	1/11/2024 8:04:00	86.0	61.4	61.0	61.4
150	1/11/2024 8:04:02	85.7	61.4	61.3	61.4
151	1/11/2024 8:04:04	85.3	61.4	60.8	60.7
152	1/11/2024 8:04:06	84.7	60.9	60.2	60.2
153	1/11/2024 8:04:08	84.3	60.3	60.1	60.2
154	1/11/2024 8:04:10	83.5	60.2	59.5	59.6
155	1/11/2024 8:04:12	83.7	60.0	59.4	59.9
156	1/11/2024 8:04:14	86.3	59.9	59.7	59.8
157	1/11/2024 8:04:16	85.5	59.9	59.3	59.3
158	1/11/2024 8:04:18	86.9	59.4	59.0	59.2
159	1/11/2024 8:04:20	85.9	59.6	59.0	59.1
160	1/11/2024 8:04:22	84.5	59.3	58.9	59.3
161	1/11/2024 8:04:24	84.7	59.6	59.2	59.4
162	1/11/2024 8:04:26	83.7	59.3	58.8	58.8
163	1/11/2024 8:04:28	84.0	58.9	58.3	58.3
164	1/11/2024 8:04:30	82.8	58.5	58.2	58.4
165	1/11/2024 8:04:32	83.9	58.6	58.4	58.5
166	1/11/2024 8:04:34	83.4	58.5	58.2	58.2
167	1/11/2024 8:04:36	84.5	58.3	58.0	58.2
168	1/11/2024 8:04:38	82.7	58.3	58.1	58.2
169	1/11/2024 8:04:40	85.4	58.8	58.1	58.7
170	1/11/2024 8:04:42	84.8	59.5	58.8	59.5
171	1/11/2024 8:04:44	86.0	60.2	59.3	60.1
172	1/11/2024 8:04:46	86.5	61.1	60.1	60.9
173	1/11/2024 8:04:48	86.0	60.7	59.6	59.7
174	1/11/2024 8:04:50	84.1	59.6	59.3	59.4
175	1/11/2024 8:04:52	86.0	59.9	59.5	59.9
176	1/11/2024 8:04:54	84.0	59.8	59.5	59.7
177	1/11/2024 8:04:56	83.5	59.8	59.0	59.0
178	1/11/2024 8:04:58	82.9	59.2	58.8	58.9
179	1/11/2024 8:05:00	81.8	58.9	58.6	58.7
180	1/11/2024 8:05:02	82.5	58.8	58.6	58.7

181	1/11/2024 8:05:04	83.4	58.7	58.2	58.1
182	1/11/2024 8:05:06	84.2	58.7	58.2	58.7
183	1/11/2024 8:05:08	83.7	58.9	58.6	58.8
184	1/11/2024 8:05:10	84.7	58.9	58.5	58.8
185	1/11/2024 8:05:12	82.9	59.1	58.8	59.1
186	1/11/2024 8:05:14	85.5	59.4	59.1	59.4
187	1/11/2024 8:05:16	84.1	59.7	59.3	59.6
188	1/11/2024 8:05:18	84.6	59.8	59.6	59.7
189	1/11/2024 8:05:20	85.1	60.2	59.7	60.1
190	1/11/2024 8:05:22	86.5	60.8	60.1	60.7
191	1/11/2024 8:05:24	85.3	60.7	60.1	60.2
192	1/11/2024 8:05:26	86.3	60.1	59.6	59.6
193	1/11/2024 8:05:28	85.6	59.6	59.4	59.4
194	1/11/2024 8:05:30	86.8	59.4	58.9	58.8
195	1/11/2024 8:05:32	85.0	59.1	58.2	58.4
196	1/11/2024 8:05:34	84.2	58.3	57.8	57.8
197	1/11/2024 8:05:36	83.0	57.9	57.4	57.5
198	1/11/2024 8:05:38	85.1	57.8	57.4	57.7
199	1/11/2024 8:05:40	85.0	57.8	57.5	57.7
200	1/11/2024 8:05:42	85.6	58.8	57.7	58.8
201	1/11/2024 8:05:44	83.9	59.0	58.7	58.9
202	1/11/2024 8:05:46	84.3	59.5	58.9	59.4
203	1/11/2024 8:05:48	84.0	59.4	59.0	59.0
204	1/11/2024 8:05:50	82.8	59.0	58.6	58.7
205	1/11/2024 8:05:52	83.3	58.6	57.9	57.9
206	1/11/2024 8:05:54	82.0	58.0	57.2	57.3
207	1/11/2024 8:05:56	82.4	57.2	57.0	57.1
208	1/11/2024 8:05:58	80.9	57.3	57.0	57.0
209	1/11/2024 8:06:00	81.8	57.0	56.8	56.9
210	1/11/2024 8:06:02	83.5	57.6	56.8	57.5
211	1/11/2024 8:06:04	85.1	57.5	57.1	57.2
212	1/11/2024 8:06:06	82.2	57.3	56.8	56.9
213	1/11/2024 8:06:08	82.4	57.2	57.0	57.1
214	1/11/2024 8:06:10	81.5	57.1	56.8	56.9
215	1/11/2024 8:06:12	82.9	57.3	56.9	57.4
216	1/11/2024 8:06:14	83.6	58.1	57.2	58.0
217	1/11/2024 8:06:16	83.3	58.4	58.0	58.3
218	1/11/2024 8:06:18	83.6	58.6	58.0	58.2
219	1/11/2024 8:06:20	83.2	58.0	57.3	57.3
220	1/11/2024 8:06:22	83.4	57.3	57.0	56.9
221	1/11/2024 8:06:24	84.5	57.0	56.5	56.4
222	1/11/2024 8:06:26	82.4	56.5	56.0	56.0
223	1/11/2024 8:06:28	82.9	56.0	55.6	55.6
224	1/11/2024 8:06:30	82.1	55.7	55.5	55.6
225	1/11/2024 8:06:32	82.2	56.0	55.6	56.0
226	1/11/2024 8:06:34	81.9	56.4	56.0	56.4
227	1/11/2024 8:06:36	82.8	56.4	56.2	56.3
228	1/11/2024 8:06:38	85.7	57.1	56.3	57.0
229	1/11/2024 8:06:40	82.9	57.3	57.0	57.1
230	1/11/2024 8:06:42	83.4	57.1	56.8	57.0
231	1/11/2024 8:06:44	82.9	57.4	57.0	57.4
232	1/11/2024 8:06:46	83.4	57.4	57.0	57.1
233	1/11/2024 8:06:48	84.8	57.1	56.7	56.8
234	1/11/2024 8:06:50	84.0	56.9	56.6	56.8
235	1/11/2024 8:06:52	82.6	56.9	56.5	56.5
236	1/11/2024 8:06:54	83.4	56.6	56.1	56.3
237	1/11/2024 8:06:56	83.7	56.8	56.3	56.7
238	1/11/2024 8:06:58	82.1	56.5	55.7	55.6
239	1/11/2024 8:07:00	83.9	56.0	55.5	55.9
240	1/11/2024 8:07:02	83.7	57.8	56.0	57.7
241	1/11/2024 8:07:04	83.9	57.9	57.4	57.6
242	1/11/2024 8:07:06	84.1	58.2	57.5	58.1

243	1/11/2024 8:07:08	84.0	58.4	58.1	58.3
244	1/11/2024 8:07:10	84.3	58.1	57.9	57.8
245	1/11/2024 8:07:12	83.5	58.3	57.8	58.3
246	1/11/2024 8:07:14	85.0	58.4	58.0	58.1
247	1/11/2024 8:07:16	85.3	58.1	57.7	57.8
248	1/11/2024 8:07:18	83.5	58.0	56.8	57.0
249	1/11/2024 8:07:20	82.7	56.8	56.6	56.6
250	1/11/2024 8:07:22	82.8	57.4	56.7	57.4
251	1/11/2024 8:07:24	82.7	57.3	57.0	57.2
252	1/11/2024 8:07:26	83.3	57.8	57.2	57.7
253	1/11/2024 8:07:28	83.8	57.8	57.5	57.6
254	1/11/2024 8:07:30	84.6	58.1	57.7	58.0
255	1/11/2024 8:07:32	83.9	58.0	57.5	57.5
256	1/11/2024 8:07:34	86.2	57.7	57.4	57.5
257	1/11/2024 8:07:36	82.7	57.6	57.4	57.6
258	1/11/2024 8:07:38	84.0	57.9	57.6	57.9
259	1/11/2024 8:07:40	83.7	58.5	57.8	58.4
260	1/11/2024 8:07:42	83.3	58.5	57.8	57.9
261	1/11/2024 8:07:44	85.2	58.0	57.5	57.6
262	1/11/2024 8:07:46	84.0	58.1	57.5	57.9
263	1/11/2024 8:07:48	84.4	59.8	58.1	59.7
264	1/11/2024 8:07:50	86.2	61.4	59.8	61.2
265	1/11/2024 8:07:52	85.4	60.6	59.3	59.0
266	1/11/2024 8:07:54	86.5	59.5	59.0	59.0
267	1/11/2024 8:07:56	86.5	59.2	58.8	59.0
268	1/11/2024 8:07:58	87.1	59.3	58.7	59.2
269	1/11/2024 8:08:00	85.8	59.3	58.8	58.9
270	1/11/2024 8:08:02	85.7	59.1	58.8	59.0
271	1/11/2024 8:08:04	84.4	59.0	58.6	58.7
272	1/11/2024 8:08:06	84.9	59.2	58.5	59.0
273	1/11/2024 8:08:08	87.1	59.5	59.2	59.5
274	1/11/2024 8:08:10	85.7	60.0	59.4	59.9
275	1/11/2024 8:08:12	86.5	59.9	59.3	59.5
276	1/11/2024 8:08:14	85.5	59.5	58.8	59.1
277	1/11/2024 8:08:16	87.2	59.6	59.3	59.5
278	1/11/2024 8:08:18	86.7	59.5	58.9	58.9
279	1/11/2024 8:08:20	84.9	58.9	58.7	58.8
280	1/11/2024 8:08:22	86.4	59.1	58.6	58.8
281	1/11/2024 8:08:24	84.4	58.7	58.5	58.6
282	1/11/2024 8:08:26	85.9	59.0	58.6	58.8
283	1/11/2024 8:08:28	86.3	59.3	58.8	59.0
284	1/11/2024 8:08:30	86.9	59.0	58.5	58.6
285	1/11/2024 8:08:32	85.0	58.7	57.9	58.1
286	1/11/2024 8:08:34	84.7	58.1	57.8	57.9
287	1/11/2024 8:08:36	82.8	58.0	57.7	57.9
288	1/11/2024 8:08:38	84.2	58.1	57.7	57.8
289	1/11/2024 8:08:40	85.2	57.9	57.7	57.8
290	1/11/2024 8:08:42	85.8	57.8	57.5	57.6
291	1/11/2024 8:08:44	82.4	57.7	56.9	56.9
292	1/11/2024 8:08:46	83.7	57.3	56.9	57.2
293	1/11/2024 8:08:48	80.8	57.2	57.0	57.0
294	1/11/2024 8:08:50	82.3	57.0	56.7	56.7
295	1/11/2024 8:08:52	83.6	57.3	56.8	57.2
296	1/11/2024 8:08:54	82.3	57.2	56.9	57.1
297	1/11/2024 8:08:56	83.4	57.8	57.1	57.8
298	1/11/2024 8:08:58	85.2	58.0	57.5	57.8
299	1/11/2024 8:09:00	84.3	58.4	58.0	58.3
300	1/11/2024 8:09:02	83.9	58.3	57.9	57.9
301	1/11/2024 8:09:04	82.0	57.9	57.5	57.5
302	1/11/2024 8:09:06	84.2	57.8	57.4	57.5
303	1/11/2024 8:09:08	85.0	58.3	57.5	58.3
304	1/11/2024 8:09:10	83.3	58.5	58.2	58.4

305	1/11/2024 8:09:12	85.4	58.4	58.0	58.2
306	1/11/2024 8:09:14	85.9	58.8	58.3	58.8
307	1/11/2024 8:09:16	83.3	58.8	58.3	58.3
308	1/11/2024 8:09:18	84.5	58.6	58.4	58.6
309	1/11/2024 8:09:20	85.8	58.7	58.4	58.5
310	1/11/2024 8:09:22	87.2	58.9	58.4	58.6
311	1/11/2024 8:09:24	83.0	58.5	58.0	57.9
312	1/11/2024 8:09:26	82.8	58.1	57.8	57.9
313	1/11/2024 8:09:28	83.8	58.1	57.8	57.9
314	1/11/2024 8:09:30	84.4	58.5	58.0	58.5
315	1/11/2024 8:09:32	83.0	58.5	58.1	58.2
316	1/11/2024 8:09:34	84.9	58.2	58.0	58.1
317	1/11/2024 8:09:36	84.1	58.3	58.0	58.1
318	1/11/2024 8:09:38	84.8	58.0	57.4	57.5
319	1/11/2024 8:09:40	85.3	57.7	57.3	57.5
320	1/11/2024 8:09:42	82.6	57.5	57.3	57.3
321	1/11/2024 8:09:44	82.7	57.6	57.3	57.5
322	1/11/2024 8:09:46	82.2	57.7	57.5	57.6
323	1/11/2024 8:09:48	81.8	57.7	57.5	57.6
324	1/11/2024 8:09:50	82.2	57.7	57.2	57.2
325	1/11/2024 8:09:52	82.0	57.2	56.8	56.9
326	1/11/2024 8:09:54	84.8	57.1	56.7	56.9
327	1/11/2024 8:09:56	82.7	56.8	56.4	56.4
328	1/11/2024 8:09:58	84.3	56.8	56.4	56.6
329	1/11/2024 8:10:00	83.5	56.5	56.2	56.3
330	1/11/2024 8:10:02	82.7	56.3	56.1	56.2
331	1/11/2024 8:10:04	83.2	56.4	56.0	56.2
332	1/11/2024 8:10:06	82.7	56.5	56.0	56.5
333	1/11/2024 8:10:08	83.0	56.9	56.5	56.8
334	1/11/2024 8:10:10	83.4	57.0	56.7	56.9
335	1/11/2024 8:10:12	84.6	57.6	56.9	57.6
336	1/11/2024 8:10:14	85.9	58.7	57.5	58.6
337	1/11/2024 8:10:16	86.3	59.2	58.7	59.0
338	1/11/2024 8:10:18	84.8	59.1	58.6	58.8
339	1/11/2024 8:10:20	83.8	58.8	58.5	58.6
340	1/11/2024 8:10:22	83.3	58.9	58.6	58.9
341	1/11/2024 8:10:24	85.1	59.4	58.8	59.0
342	1/11/2024 8:10:26	82.5	58.9	58.4	58.5
343	1/11/2024 8:10:28	83.0	58.8	58.5	58.7
344	1/11/2024 8:10:30	83.8	59.0	58.6	58.9
345	1/11/2024 8:10:32	84.0	58.8	58.0	58.0
346	1/11/2024 8:10:34	81.4	58.0	57.4	57.4
347	1/11/2024 8:10:36	81.4	57.5	57.0	57.0
348	1/11/2024 8:10:38	82.9	57.2	56.8	56.9
349	1/11/2024 8:10:40	81.8	56.9	56.6	56.7
350	1/11/2024 8:10:42	82.0	57.0	56.6	56.9
351	1/11/2024 8:10:44	82.7	57.5	57.0	57.4
352	1/11/2024 8:10:46	84.7	58.0	57.3	57.9
353	1/11/2024 8:10:48	86.4	61.2	58.0	61.4
354	1/11/2024 8:10:50	84.9	61.2	59.1	58.9
355	1/11/2024 8:10:52	88.7	59.4	58.9	59.2
356	1/11/2024 8:10:54	86.0	59.3	58.6	58.5
357	1/11/2024 8:10:56	85.7	58.9	58.6	58.7
358	1/11/2024 8:10:58	85.2	58.7	58.1	58.1
359	1/11/2024 8:11:00	83.0	58.2	57.9	57.9
360	1/11/2024 8:11:02	84.2	58.2	57.8	58.1
361	1/11/2024 8:11:04	85.3	58.2	58.0	58.1
362	1/11/2024 8:11:06	86.6	59.5	57.9	59.2
363	1/11/2024 8:11:08	88.1	60.2	59.5	59.9
364	1/11/2024 8:11:10	84.7	59.6	58.5	58.4
365	1/11/2024 8:11:12	82.7	58.5	58.1	58.0
366	1/11/2024 8:11:14	83.9	58.2	58.0	58.1

367	1/11/2024 8:11:16	83.3	58.1	57.8	58.0
368	1/11/2024 8:11:18	82.6	58.1	57.9	57.9
369	1/11/2024 8:11:20	83.8	57.9	57.7	57.8
370	1/11/2024 8:11:22	82.7	58.2	57.8	58.2
371	1/11/2024 8:11:24	82.8	58.2	57.7	57.9
372	1/11/2024 8:11:26	82.7	58.3	57.7	57.8
373	1/11/2024 8:11:28	81.7	58.0	57.6	57.8
374	1/11/2024 8:11:30	82.3	58.0	57.7	57.8
375	1/11/2024 8:11:32	83.9	58.2	57.8	58.1
376	1/11/2024 8:11:34	83.0	58.8	58.1	58.8
377	1/11/2024 8:11:36	83.7	59.3	58.8	59.2
378	1/11/2024 8:11:38	84.0	59.6	59.3	59.6
379	1/11/2024 8:11:40	83.1	59.6	59.3	59.5
380	1/11/2024 8:11:42	84.5	59.8	59.5	59.7
381	1/11/2024 8:11:44	84.8	60.1	59.7	60.1
382	1/11/2024 8:11:46	82.8	60.2	60.0	60.0
383	1/11/2024 8:11:48	82.7	60.0	59.8	59.9
384	1/11/2024 8:11:50	83.7	59.9	59.7	59.8
385	1/11/2024 8:11:52	83.3	59.8	59.4	59.4
386	1/11/2024 8:11:54	82.8	59.5	59.2	59.4
387	1/11/2024 8:11:56	83.1	59.5	59.1	59.2
388	1/11/2024 8:11:58	82.5	59.5	59.2	59.4
389	1/11/2024 8:12:00	83.2	59.8	59.5	59.8
390	1/11/2024 8:12:02	83.9	59.8	59.3	59.4
391	1/11/2024 8:12:04	84.7	60.0	59.5	59.8
392	1/11/2024 8:12:06	84.9	59.8	59.5	59.7
393	1/11/2024 8:12:08	84.6	59.9	59.5	59.8
394	1/11/2024 8:12:10	84.2	60.0	59.4	59.6
395	1/11/2024 8:12:12	83.8	59.5	59.3	59.3
396	1/11/2024 8:12:14	84.5	59.8	59.3	59.8
397	1/11/2024 8:12:16	85.6	60.0	59.7	60.0
398	1/11/2024 8:12:18	87.7	60.7	60.0	60.7
399	1/11/2024 8:12:20	86.4	60.9	60.2	60.6
400	1/11/2024 8:12:22	86.1	60.9	60.1	60.0
401	1/11/2024 8:12:24	88.0	60.8	60.0	60.8
402	1/11/2024 8:12:26	87.5	60.8	60.2	60.3
403	1/11/2024 8:12:28	88.3	60.6	59.7	60.0
404	1/11/2024 8:12:30	88.1	60.3	59.6	60.2
405	1/11/2024 8:12:32	87.0	60.4	60.1	60.2
406	1/11/2024 8:12:34	85.7	60.5	60.1	60.4
407	1/11/2024 8:12:36	85.0	60.4	59.4	59.3
408	1/11/2024 8:12:38	85.0	59.9	59.4	59.8
409	1/11/2024 8:12:40	84.8	60.4	59.8	60.5
410	1/11/2024 8:12:42	86.4	60.4	60.0	60.0
411	1/11/2024 8:12:44	85.1	60.0	59.8	59.9
412	1/11/2024 8:12:46	82.8	60.1	59.8	59.8
413	1/11/2024 8:12:48	83.2	59.8	59.5	59.4
414	1/11/2024 8:12:50	83.3	59.7	59.4	59.6
415	1/11/2024 8:12:52	83.9	59.6	59.3	59.4
416	1/11/2024 8:12:54	86.7	59.7	59.4	59.7
417	1/11/2024 8:12:56	84.9	59.8	59.5	59.7
418	1/11/2024 8:12:58	84.7	59.7	59.4	59.3
419	1/11/2024 8:13:00	84.6	60.1	59.3	60.0
420	1/11/2024 8:13:02	86.1	60.8	60.0	60.7
421	1/11/2024 8:13:04	90.2	61.4	60.8	61.2
422	1/11/2024 8:13:06	85.5	60.9	60.4	60.4
423	1/11/2024 8:13:08	84.6	60.6	60.4	60.4
424	1/11/2024 8:13:10	83.2	60.4	59.9	59.9
425	1/11/2024 8:13:12	84.7	60.1	59.7	59.8
426	1/11/2024 8:13:14	83.5	60.3	59.8	60.3
427	1/11/2024 8:13:16	83.1	60.4	60.0	60.1
428	1/11/2024 8:13:18	84.3	60.0	59.6	59.6

429	1/11/2024 8:13:20	83.9	59.7	59.3	59.3
430	1/11/2024 8:13:22	85.2	59.8	59.1	59.6
431	1/11/2024 8:13:24	82.6	59.8	59.6	59.7
432	1/11/2024 8:13:26	84.0	60.3	59.7	60.3
433	1/11/2024 8:13:28	81.6	60.3	59.8	59.7
434	1/11/2024 8:13:30	82.2	60.0	59.6	59.8
435	1/11/2024 8:13:32	83.4	59.8	59.5	59.6
436	1/11/2024 8:13:34	82.2	59.6	59.4	59.5
437	1/11/2024 8:13:36	83.4	60.1	59.4	60.1
438	1/11/2024 8:13:38	83.6	60.7	60.0	60.6
439	1/11/2024 8:13:40	83.0	60.5	59.5	59.5
440	1/11/2024 8:13:42	83.2	59.7	59.2	59.3
441	1/11/2024 8:13:44	84.5	59.7	59.2	59.7
442	1/11/2024 8:13:46	84.4	59.7	59.3	59.4
443	1/11/2024 8:13:48	86.2	60.5	59.5	60.5
444	1/11/2024 8:13:50	86.9	60.6	60.1	60.2
445	1/11/2024 8:13:52	86.2	60.3	59.8	59.8
446	1/11/2024 8:13:54	84.4	60.5	59.8	60.4
447	1/11/2024 8:13:56	83.9	60.5	59.8	59.8
448	1/11/2024 8:13:58	85.9	60.3	59.7	60.2
449	1/11/2024 8:14:00	87.6	60.5	60.1	60.5
450	1/11/2024 8:14:02	85.1	60.6	60.0	60.4
451	1/11/2024 8:14:04	85.4	60.9	60.5	60.7
452	1/11/2024 8:14:06	84.7	61.2	60.5	61.0
453	1/11/2024 8:14:08	86.6	62.0	61.1	61.8
454	1/11/2024 8:14:10	87.4	62.3	61.9	62.2
455	1/11/2024 8:14:12	86.4	62.5	62.1	62.5
456	1/11/2024 8:14:14	86.2	62.7	62.2	62.4
457	1/11/2024 8:14:16	84.7	62.3	60.8	60.8
458	1/11/2024 8:14:18	83.8	60.8	60.2	60.2
459	1/11/2024 8:14:20	84.0	60.4	60.1	60.3
460	1/11/2024 8:14:22	83.7	60.7	60.3	60.6
461	1/11/2024 8:14:24	84.8	61.0	60.6	60.9
462	1/11/2024 8:14:26	83.5	61.0	60.8	61.0
463	1/11/2024 8:14:28	83.8	61.5	60.9	61.5
464	1/11/2024 8:14:30	83.9	61.5	61.2	61.2
465	1/11/2024 8:14:32	83.7	61.2	61.1	61.1
466	1/11/2024 8:14:34	87.1	61.2	61.0	61.1
467	1/11/2024 8:14:36	85.2	61.3	61.0	61.2
468	1/11/2024 8:14:38	84.7	61.4	61.2	61.3
469	1/11/2024 8:14:40	85.7	61.5	61.1	61.2
470	1/11/2024 8:14:42	83.7	61.3	60.8	61.2
471	1/11/2024 8:14:44	83.8	61.5	61.3	61.4
472	1/11/2024 8:14:46	84.1	61.5	61.0	61.1
473	1/11/2024 8:14:48	84.9	61.8	61.1	61.8
474	1/11/2024 8:14:50	86.0	61.9	61.7	61.8
475	1/11/2024 8:14:52	83.4	61.8	61.2	61.2
476	1/11/2024 8:14:54	82.9	61.5	61.1	61.4
477	1/11/2024 8:14:56	85.2	62.1	61.3	62.0
478	1/11/2024 8:14:58	85.2	62.2	62.0	62.2
479	1/11/2024 8:15:00	83.8	62.3	61.8	61.9
480	1/11/2024 8:15:02	83.7	62.1	61.8	62.0
481	1/11/2024 8:15:04	83.3	62.5	62.0	62.4
482	1/11/2024 8:15:06	83.2	62.3	62.0	62.1
483	1/11/2024 8:15:08	84.9	62.1	61.7	61.7
484	1/11/2024 8:15:10	83.8	61.9	61.7	61.9
485	1/11/2024 8:15:12	82.8	61.8	61.3	61.4
486	1/11/2024 8:15:14	82.5	61.6	61.0	61.0
487	1/11/2024 8:15:16	82.9	61.5	61.1	61.4
488	1/11/2024 8:15:18	84.0	61.5	61.2	61.3
489	1/11/2024 8:15:20	83.8	62.0	61.2	62.0
490	1/11/2024 8:15:22	84.2	62.0	61.9	62.0

491	1/11/2024 8:15:24	84.7	62.5	61.9	62.3
492	1/11/2024 8:15:26	86.5	63.2	62.5	63.2
493	1/11/2024 8:15:28	84.4	63.0	62.6	62.6
494	1/11/2024 8:15:30	85.0	63.0	62.6	62.7
495	1/11/2024 8:15:32	85.2	62.9	62.5	62.8
496	1/11/2024 8:15:34	85.4	63.0	62.6	62.5
497	1/11/2024 8:15:36	84.3	62.9	62.5	62.8
498	1/11/2024 8:15:38	85.3	63.1	62.7	62.8
499	1/11/2024 8:15:40	85.8	62.8	62.3	62.6
500	1/11/2024 8:15:42	87.1	63.2	62.8	63.2
501	1/11/2024 8:15:44	88.9	63.1	62.7	62.9
502	1/11/2024 8:15:46	85.4	63.1	62.5	62.5
503	1/11/2024 8:15:48	86.9	62.6	62.4	62.5
504	1/11/2024 8:15:50	87.2	63.5	62.4	63.5
505	1/11/2024 8:15:52	86.7	63.5	63.0	63.1
506	1/11/2024 8:15:54	86.6	63.3	63.0	63.3
507	1/11/2024 8:15:56	86.0	63.5	63.3	63.5
508	1/11/2024 8:15:58	85.9	63.5	63.1	63.1
509	1/11/2024 8:16:00	88.0	63.3	63.0	63.2
510	1/11/2024 8:16:02	89.9	63.6	63.3	63.6
511	1/11/2024 8:16:04	87.7	63.5	62.5	62.5
512	1/11/2024 8:16:06	85.9	62.7	62.4	62.6
513	1/11/2024 8:16:08	88.2	62.7	62.4	62.5
514	1/11/2024 8:16:10	87.7	62.9	62.6	62.7
515	1/11/2024 8:16:12	84.9	62.7	62.5	62.6
516	1/11/2024 8:16:14	86.7	62.6	62.3	62.4
517	1/11/2024 8:16:16	85.3	62.4	61.8	61.8
518	1/11/2024 8:16:18	85.9	62.3	61.8	62.2
519	1/11/2024 8:16:20	86.7	62.4	62.2	62.3
520	1/11/2024 8:16:22	83.6	62.6	62.3	62.5
521	1/11/2024 8:16:24	83.4	62.5	61.9	62.0
522	1/11/2024 8:16:26	84.0	61.9	61.5	61.5
523	1/11/2024 8:16:28	83.5	61.5	61.4	61.4
524	1/11/2024 8:16:30	82.6	61.4	61.0	61.1
525	1/11/2024 8:16:32	83.5	61.5	61.0	61.2
526	1/11/2024 8:16:34	82.5	61.0	60.7	60.7
527	1/11/2024 8:16:36	85.7	61.4	60.6	61.4
528	1/11/2024 8:16:38	85.8	61.5	61.3	61.4
529	1/11/2024 8:16:40	88.0	62.2	61.4	62.2
530	1/11/2024 8:16:42	86.9	62.6	62.1	62.4
531	1/11/2024 8:16:44	88.4	62.2	61.9	62.1
532	1/11/2024 8:16:46	89.3	62.8	62.2	62.7
533	1/11/2024 8:16:48	87.2	62.5	62.0	62.0
534	1/11/2024 8:16:50	84.8	62.1	61.8	61.9
535	1/11/2024 8:16:52	85.3	62.3	61.8	62.3
536	1/11/2024 8:16:54	85.1	62.3	62.0	62.1
537	1/11/2024 8:16:56	85.2	62.2	61.8	61.8
538	1/11/2024 8:16:58	87.1	62.2	61.9	62.0
539	1/11/2024 8:17:00	88.4	62.6	62.0	62.7
540	1/11/2024 8:17:02	87.8	63.2	62.6	63.2
541	1/11/2024 8:17:04	87.5	63.1	62.4	62.6
542	1/11/2024 8:17:06	87.6	62.8	62.3	62.7
543	1/11/2024 8:17:08	86.5	63.0	62.6	62.8
544	1/11/2024 8:17:10	85.3	63.0	62.7	62.9
545	1/11/2024 8:17:12	85.4	62.9	62.4	62.5
546	1/11/2024 8:17:14	87.0	62.7	62.2	62.5
547	1/11/2024 8:17:16	86.3	62.7	62.2	62.2
548	1/11/2024 8:17:18	86.2	62.4	62.2	62.3
549	1/11/2024 8:17:20	84.4	62.4	62.2	62.4
550	1/11/2024 8:17:22	84.3	62.5	62.3	62.4
551	1/11/2024 8:17:24	84.4	62.6	62.3	62.4
552	1/11/2024 8:17:26	85.5	63.2	62.3	63.1

553	1/11/2024 8:17:28	85.2	63.2	62.9	63.0
554	1/11/2024 8:17:30	85.2	62.9	62.5	62.7
555	1/11/2024 8:17:32	85.5	63.6	62.8	63.5
556	1/11/2024 8:17:34	84.4	63.7	63.5	63.6
557	1/11/2024 8:17:36	84.2	63.6	63.3	63.5
558	1/11/2024 8:17:38	85.5	64.0	63.5	64.0
559	1/11/2024 8:17:40	85.0	64.8	64.0	64.8
560	1/11/2024 8:17:42	84.9	66.3	64.8	66.1
561	1/11/2024 8:17:44	84.8	66.2	65.8	65.9
562	1/11/2024 8:17:46	85.1	66.2	65.8	66.0
563	1/11/2024 8:17:48	85.6	66.4	65.9	66.4
564	1/11/2024 8:17:50	87.0	67.2	66.4	67.3
565	1/11/2024 8:17:52	85.8	67.4	67.1	67.2
566	1/11/2024 8:17:54	88.0	67.3	66.9	67.1
567	1/11/2024 8:17:56	88.7	67.1	66.2	66.2
568	1/11/2024 8:17:58	88.2	66.4	65.5	65.5
569	1/11/2024 8:18:00	88.0	65.6	65.3	65.3
570	1/11/2024 8:18:02	89.8	65.4	65.2	65.3
571	1/11/2024 8:18:04	88.7	65.6	65.2	65.6
572	1/11/2024 8:18:06	87.8	65.6	65.2	65.3
573	1/11/2024 8:18:08	87.4	65.7	65.1	65.3
574	1/11/2024 8:18:10	87.9	65.2	64.7	64.8
575	1/11/2024 8:18:12	87.0	66.5	64.9	66.3
576	1/11/2024 8:18:14	85.3	66.1	64.3	64.2
577	1/11/2024 8:18:16	86.5	64.3	63.6	63.5
578	1/11/2024 8:18:18	86.0	63.8	63.6	63.8
579	1/11/2024 8:18:20	85.6	63.9	63.3	63.4
580	1/11/2024 8:18:22	84.7	63.3	63.0	63.1
581	1/11/2024 8:18:24	86.1	63.2	62.8	62.8
582	1/11/2024 8:18:26	85.6	63.1	62.8	62.9
583	1/11/2024 8:18:28	83.8	63.6	62.7	63.6
584	1/11/2024 8:18:30	86.2	64.0	63.6	63.8
585	1/11/2024 8:18:32	84.7	63.9	63.3	63.8
586	1/11/2024 8:18:34	87.7	64.0	63.6	63.8
587	1/11/2024 8:18:36	86.3	64.3	63.9	64.3
588	1/11/2024 8:18:38	85.9	64.4	63.7	63.8
589	1/11/2024 8:18:40	84.6	63.8	63.1	63.1
590	1/11/2024 8:18:42	84.5	63.5	63.1	63.6
591	1/11/2024 8:18:44	84.8	63.5	63.1	63.1
592	1/11/2024 8:18:46	85.2	63.6	63.0	63.5
593	1/11/2024 8:18:48	86.3	63.7	63.2	63.4
594	1/11/2024 8:18:50	87.1	63.8	63.4	63.8
595	1/11/2024 8:18:52	85.9	63.9	63.5	63.6
596	1/11/2024 8:18:54	91.6	64.3	63.4	64.0
597	1/11/2024 8:18:56	86.9	64.2	63.3	63.3
598	1/11/2024 8:18:58	85.3	63.4	63.0	63.1
599	1/11/2024 8:19:00	86.3	63.3	63.1	63.2
600	1/11/2024 8:19:02	86.5	63.2	63.0	63.0
601	1/11/2024 8:19:04	97.3	66.6	62.5	65.2
602	1/11/2024 8:19:05	88.6	66.8	64.4	62.4

STA2 - Logger results

No.	Date & time	P1 - Profile1 LCpeak (TH) [dB]	P1 - Profile1 (A, Slow) LASmax (TH) [dB]	P1 - Profile1 (A, Slow) LASmin (TH) [dB]	P1 - Profile1 (A, Lin) LAeq (TH) [dB]
1	1/11/2024 8:30:56	101.0	75.4	73.7	73.5
2	1/11/2024 8:30:58	99.3	73.7	72.8	72.9
3	1/11/2024 8:31:00	100.8	73.0	72.7	72.8
4	1/11/2024 8:31:02	100.1	73.4	72.7	73.4
5	1/11/2024 8:31:04	99.0	73.4	72.9	72.9
6	1/11/2024 8:31:06	99.3	73.8	73.0	73.6
7	1/11/2024 8:31:08	98.0	74.1	73.8	73.9
8	1/11/2024 8:31:10	99.2	74.1	73.6	73.9
9	1/11/2024 8:31:12	101.2	74.1	73.8	74.1
10	1/11/2024 8:31:14	100.1	74.5	74.1	74.4
11	1/11/2024 8:31:16	98.6	74.4	73.5	73.6
12	1/11/2024 8:31:18	99.0	73.9	72.9	73.1
13	1/11/2024 8:31:20	99.2	73.3	72.8	73.2
14	1/11/2024 8:31:22	99.7	73.6	73.1	73.3
15	1/11/2024 8:31:24	98.7	73.2	72.7	72.8
16	1/11/2024 8:31:26	99.7	73.6	72.7	73.4
17	1/11/2024 8:31:28	102.3	74.7	73.5	74.6
18	1/11/2024 8:31:30	100.1	74.5	74.1	74.2
19	1/11/2024 8:31:32	98.9	74.2	73.6	73.7
20	1/11/2024 8:31:34	99.5	74.2	73.6	74.0
21	1/11/2024 8:31:36	98.7	74.1	73.6	73.7
22	1/11/2024 8:31:38	101.3	74.2	73.5	74.1
23	1/11/2024 8:31:40	102.6	76.1	74.1	76.1
24	1/11/2024 8:31:42	103.3	76.5	76.1	76.5
25	1/11/2024 8:31:44	105.7	76.6	75.8	75.9
26	1/11/2024 8:31:46	104.7	75.9	75.0	74.9
27	1/11/2024 8:31:48	103.4	75.0	74.5	74.5
28	1/11/2024 8:31:50	101.2	75.0	74.1	74.5
29	1/11/2024 8:31:52	101.2	75.3	74.1	74.9
30	1/11/2024 8:31:54	101.1	75.3	74.4	74.6
31	1/11/2024 8:31:56	99.9	74.5	73.6	73.8
32	1/11/2024 8:31:58	99.5	73.9	73.0	72.9
33	1/11/2024 8:32:00	99.6	73.1	72.6	72.9
34	1/11/2024 8:32:02	98.0	73.0	72.6	72.7
35	1/11/2024 8:32:04	98.9	73.5	72.6	73.4
36	1/11/2024 8:32:06	99.3	73.7	73.3	73.5
37	1/11/2024 8:32:08	99.9	74.3	73.6	74.2
38	1/11/2024 8:32:10	99.8	75.0	74.3	74.9
39	1/11/2024 8:32:12	99.2	75.1	74.2	74.4
40	1/11/2024 8:32:14	99.4	74.5	73.6	73.4
41	1/11/2024 8:32:16	99.0	73.8	73.4	73.7
42	1/11/2024 8:32:18	99.0	74.3	73.7	73.9
43	1/11/2024 8:32:20	99.3	73.8	73.6	73.7
44	1/11/2024 8:32:22	101.4	74.1	73.7	74.0
45	1/11/2024 8:32:24	98.6	74.1	73.6	73.6
46	1/11/2024 8:32:26	99.1	74.5	73.6	74.3
47	1/11/2024 8:32:28	99.9	74.6	74.2	74.5
48	1/11/2024 8:32:30	98.5	74.5	73.9	73.9
49	1/11/2024 8:32:32	99.3	74.1	73.7	73.7
50	1/11/2024 8:32:34	98.9	73.7	73.2	73.3
51	1/11/2024 8:32:36	97.6	73.5	73.0	73.3
52	1/11/2024 8:32:38	98.2	73.4	72.7	72.6
53	1/11/2024 8:32:40	98.5	73.1	72.7	73.0
54	1/11/2024 8:32:42	99.7	73.2	72.5	72.7
55	1/11/2024 8:32:44	97.7	73.0	72.5	73.0
56	1/11/2024 8:32:46	99.7	73.3	72.9	73.3

57	1/11/2024 8:32:48	101.2	73.4	72.7	72.9
58	1/11/2024 8:32:50	101.4	72.9	72.5	72.5
59	1/11/2024 8:32:52	100.1	73.8	72.6	73.7
60	1/11/2024 8:32:54	100.4	74.1	73.2	73.9
61	1/11/2024 8:32:56	101.1	74.5	74.0	74.5
62	1/11/2024 8:32:58	100.9	74.8	74.2	74.4
63	1/11/2024 8:33:00	101.7	74.9	74.2	74.8
64	1/11/2024 8:33:02	101.2	75.1	74.6	74.9
65	1/11/2024 8:33:04	101.6	75.8	74.7	75.6
66	1/11/2024 8:33:06	102.6	75.5	74.9	74.8
67	1/11/2024 8:33:08	101.0	75.7	74.7	75.5
68	1/11/2024 8:33:10	100.6	75.6	74.9	75.0
69	1/11/2024 8:33:12	100.7	75.0	74.1	74.1
70	1/11/2024 8:33:14	100.5	74.3	73.9	74.2
71	1/11/2024 8:33:16	100.9	75.2	74.3	75.1
72	1/11/2024 8:33:18	100.8	75.6	75.1	75.7
73	1/11/2024 8:33:20	101.0	75.7	74.5	74.7
74	1/11/2024 8:33:22	101.6	74.9	74.4	74.6
75	1/11/2024 8:33:24	99.9	75.3	74.2	75.0
76	1/11/2024 8:33:26	103.2	76.9	75.1	76.3
77	1/11/2024 8:33:28	100.3	76.1	74.5	74.3
78	1/11/2024 8:33:30	98.4	74.6	73.8	74.0
79	1/11/2024 8:33:32	96.3	73.9	73.2	73.0
80	1/11/2024 8:33:34	98.1	73.4	72.6	72.8
81	1/11/2024 8:33:36	97.5	72.8	72.4	72.5
82	1/11/2024 8:33:38	97.9	73.2	72.5	73.1
83	1/11/2024 8:33:40	98.6	73.7	73.2	73.6
84	1/11/2024 8:33:42	98.8	73.6	73.2	73.1
85	1/11/2024 8:33:44	98.3	73.3	72.8	72.8
86	1/11/2024 8:33:46	96.6	72.8	72.6	72.6
87	1/11/2024 8:33:48	99.5	73.8	72.6	73.6
88	1/11/2024 8:33:50	101.5	75.0	73.7	74.7
89	1/11/2024 8:33:52	100.6	74.8	73.8	73.9
90	1/11/2024 8:33:54	99.6	73.9	73.5	73.6
91	1/11/2024 8:33:56	98.8	74.0	73.6	73.8
92	1/11/2024 8:33:58	101.5	75.2	73.8	75.0
93	1/11/2024 8:34:00	101.7	75.5	75.2	75.4
94	1/11/2024 8:34:02	100.8	75.3	74.9	74.9
95	1/11/2024 8:34:04	100.7	75.0	74.5	74.8
96	1/11/2024 8:34:06	102.1	75.2	74.8	75.1
97	1/11/2024 8:34:08	101.7	75.4	75.0	75.2
98	1/11/2024 8:34:10	101.3	75.8	75.0	75.7
99	1/11/2024 8:34:12	101.4	75.4	74.8	74.7
100	1/11/2024 8:34:14	103.2	75.5	74.6	75.4
101	1/11/2024 8:34:16	103.8	75.7	75.0	75.2
102	1/11/2024 8:34:18	101.7	75.1	74.8	75.0
103	1/11/2024 8:34:20	100.9	75.5	74.9	75.5
104	1/11/2024 8:34:22	102.3	75.7	75.4	75.5
105	1/11/2024 8:34:24	102.5	75.5	74.7	74.6
106	1/11/2024 8:34:26	100.8	74.8	74.5	74.6
107	1/11/2024 8:34:28	100.5	74.8	74.0	74.1
108	1/11/2024 8:34:30	98.7	74.1	73.6	73.8
109	1/11/2024 8:34:32	99.8	75.4	73.8	75.4
110	1/11/2024 8:34:34	102.8	75.5	74.6	74.7
111	1/11/2024 8:34:36	102.2	74.7	73.7	73.8
112	1/11/2024 8:34:38	101.2	74.3	73.7	74.1
113	1/11/2024 8:34:40	100.5	75.0	74.3	75.0
114	1/11/2024 8:34:42	101.1	75.9	75.0	75.8
115	1/11/2024 8:34:44	100.6	75.7	74.8	74.8
116	1/11/2024 8:34:46	101.3	75.4	74.8	75.2
117	1/11/2024 8:34:48	102.8	75.7	75.2	75.4
118	1/11/2024 8:34:50	100.7	75.4	74.8	74.8

119	1/11/2024 8:34:52	99.9	74.8	74.2	74.2
120	1/11/2024 8:34:54	99.8	74.2	73.4	73.4
121	1/11/2024 8:34:56	99.9	73.6	73.2	73.5
122	1/11/2024 8:34:58	100.0	74.8	73.5	74.9
123	1/11/2024 8:35:00	103.0	75.0	74.4	74.5
124	1/11/2024 8:35:02	100.0	74.5	73.7	73.7
125	1/11/2024 8:35:04	100.8	73.9	73.3	73.4
126	1/11/2024 8:35:06	98.8	74.0	73.3	74.0
127	1/11/2024 8:35:08	100.6	73.9	73.4	73.4
128	1/11/2024 8:35:10	98.9	73.6	72.9	73.0
129	1/11/2024 8:35:12	98.4	73.1	72.9	72.9
130	1/11/2024 8:35:14	99.3	73.3	72.9	73.3
131	1/11/2024 8:35:16	98.2	73.3	72.8	72.7
132	1/11/2024 8:35:18	98.5	73.0	72.7	72.9
133	1/11/2024 8:35:20	99.2	73.8	72.8	73.7
134	1/11/2024 8:35:22	100.0	75.5	73.5	75.2
135	1/11/2024 8:35:24	99.6	75.4	74.6	74.5
136	1/11/2024 8:35:26	101.8	76.0	74.4	75.6
137	1/11/2024 8:35:28	104.8	78.9	76.0	79.1
138	1/11/2024 8:35:30	103.3	78.7	77.6	77.7
139	1/11/2024 8:35:32	102.9	77.8	76.5	76.5
140	1/11/2024 8:35:34	101.2	76.7	75.5	75.5
141	1/11/2024 8:35:36	100.3	75.5	74.2	74.0
142	1/11/2024 8:35:38	100.1	74.7	74.1	74.6
143	1/11/2024 8:35:40	100.9	76.1	74.7	76.0
144	1/11/2024 8:35:42	101.2	76.9	76.0	76.6
145	1/11/2024 8:35:44	99.6	76.5	75.2	75.1
146	1/11/2024 8:35:46	99.9	75.2	74.6	74.6
147	1/11/2024 8:35:48	100.3	74.6	74.1	74.0
148	1/11/2024 8:35:50	99.4	74.1	73.4	73.5
149	1/11/2024 8:35:52	98.8	73.5	72.4	72.4
150	1/11/2024 8:35:54	101.4	73.1	72.4	72.9
151	1/11/2024 8:35:56	104.5	75.0	73.1	75.0
152	1/11/2024 8:35:58	102.3	74.6	73.8	73.6
153	1/11/2024 8:36:00	101.0	74.0	73.4	73.8
154	1/11/2024 8:36:02	101.8	74.4	73.8	74.1
155	1/11/2024 8:36:04	103.0	74.0	73.2	73.3
156	1/11/2024 8:36:06	99.0	73.2	72.6	72.7
157	1/11/2024 8:36:08	100.2	72.8	72.2	72.2
158	1/11/2024 8:36:10	98.5	72.3	72.2	72.3
159	1/11/2024 8:36:12	98.7	72.7	72.2	72.6
160	1/11/2024 8:36:14	98.5	72.7	72.3	72.4
161	1/11/2024 8:36:16	98.0	72.5	71.9	72.1
162	1/11/2024 8:36:18	99.8	73.0	72.1	72.8
163	1/11/2024 8:36:20	99.0	73.3	72.9	73.0
164	1/11/2024 8:36:22	99.8	73.2	72.7	73.0
165	1/11/2024 8:36:24	101.6	74.0	73.1	73.9
166	1/11/2024 8:36:26	102.0	74.7	73.9	74.7
167	1/11/2024 8:36:28	103.7	74.5	73.7	73.6
168	1/11/2024 8:36:30	101.9	73.7	73.4	73.4
169	1/11/2024 8:36:32	102.1	74.2	73.5	73.9
170	1/11/2024 8:36:34	102.0	73.9	73.3	73.7
171	1/11/2024 8:36:36	102.2	73.9	73.5	73.7
172	1/11/2024 8:36:38	101.4	74.9	73.9	75.0
173	1/11/2024 8:36:40	105.0	75.5	74.6	75.2
174	1/11/2024 8:36:42	103.0	75.3	74.2	74.0
175	1/11/2024 8:36:44	103.6	74.7	74.0	74.5
176	1/11/2024 8:36:46	104.3	74.7	74.1	74.3
177	1/11/2024 8:36:48	103.9	74.6	73.9	74.4
178	1/11/2024 8:36:50	104.0	75.0	74.4	74.9
179	1/11/2024 8:36:52	105.0	75.1	74.2	74.3
180	1/11/2024 8:36:54	104.7	74.4	73.6	73.6

181	1/11/2024 8:36:56	103.4	73.7	73.1	73.1
182	1/11/2024 8:36:58	100.8	73.1	72.2	72.4
183	1/11/2024 8:37:00	100.8	73.0	72.2	72.3
184	1/11/2024 8:37:02	99.7	72.2	71.9	71.9
185	1/11/2024 8:37:04	98.7	72.2	71.8	72.0
186	1/11/2024 8:37:06	99.8	73.4	72.0	73.3
187	1/11/2024 8:37:08	101.5	75.3	73.4	74.9
188	1/11/2024 8:37:10	102.2	75.9	74.1	74.7
189	1/11/2024 8:37:12	98.2	74.1	72.8	72.8
190	1/11/2024 8:37:14	98.5	72.9	72.5	72.5
191	1/11/2024 8:37:16	99.1	72.8	72.5	72.8
192	1/11/2024 8:37:18	101.2	73.2	72.5	73.0
193	1/11/2024 8:37:20	100.1	74.0	73.0	73.8
194	1/11/2024 8:37:22	102.1	78.3	74.0	78.0
195	1/11/2024 8:37:24	99.3	78.0	75.9	76.2
196	1/11/2024 8:37:26	100.7	75.9	73.8	73.1
197	1/11/2024 8:37:28	99.5	73.8	72.3	72.2
198	1/11/2024 8:37:30	100.3	73.5	72.5	73.3
199	1/11/2024 8:37:32	99.7	73.7	72.7	73.2
200	1/11/2024 8:37:34	98.5	73.0	72.1	72.1
201	1/11/2024 8:37:36	97.9	73.6	71.8	73.3
202	1/11/2024 8:37:38	98.8	75.5	73.2	75.6
203	1/11/2024 8:37:40	101.6	75.4	73.8	73.6
204	1/11/2024 8:37:42	101.3	74.5	73.8	74.3
205	1/11/2024 8:37:44	101.4	74.5	73.7	73.7
206	1/11/2024 8:37:46	102.7	74.0	73.7	73.8
207	1/11/2024 8:37:48	101.0	74.3	73.6	74.2
208	1/11/2024 8:37:50	103.4	74.3	73.7	74.0
209	1/11/2024 8:37:52	104.2	76.5	74.2	76.1
210	1/11/2024 8:37:54	103.2	76.6	75.6	75.8
211	1/11/2024 8:37:56	104.2	76.0	75.6	75.8
212	1/11/2024 8:37:58	101.9	75.7	74.7	74.6
213	1/11/2024 8:38:00	101.2	74.8	74.5	74.5
214	1/11/2024 8:38:02	103.6	77.1	74.5	77.0
215	1/11/2024 8:38:04	103.4	77.9	76.8	77.4
216	1/11/2024 8:38:06	101.7	77.5	75.8	75.5
217	1/11/2024 8:38:08	101.3	75.9	74.4	74.5
218	1/11/2024 8:38:10	101.8	74.6	74.4	74.5
219	1/11/2024 8:38:12	100.9	74.5	73.9	73.9
220	1/11/2024 8:38:14	101.0	74.7	73.8	74.5
221	1/11/2024 8:38:16	101.2	74.7	74.1	74.2
222	1/11/2024 8:38:18	100.3	74.3	73.9	74.1
223	1/11/2024 8:38:20	99.0	74.2	73.5	73.4
224	1/11/2024 8:38:22	99.7	74.4	73.5	74.4
225	1/11/2024 8:38:24	100.5	75.3	74.2	75.2
226	1/11/2024 8:38:26	98.7	75.0	73.9	73.9
227	1/11/2024 8:38:28	101.0	74.8	73.9	74.8
228	1/11/2024 8:38:30	100.3	75.1	74.7	74.9
229	1/11/2024 8:38:32	99.7	74.8	74.0	74.1
230	1/11/2024 8:38:34	98.1	74.1	73.0	72.9
231	1/11/2024 8:38:36	98.9	73.1	72.8	72.9
232	1/11/2024 8:38:38	101.2	74.4	72.9	74.4
233	1/11/2024 8:38:40	102.7	75.3	74.2	74.7
234	1/11/2024 8:38:42	99.8	74.2	73.5	73.4
235	1/11/2024 8:38:44	102.7	73.8	73.2	73.5
236	1/11/2024 8:38:46	101.6	74.3	73.8	74.3
237	1/11/2024 8:38:48	104.5	75.9	74.0	75.9
238	1/11/2024 8:38:50	102.3	75.9	75.6	75.8
239	1/11/2024 8:38:52	103.4	75.9	75.5	75.7
240	1/11/2024 8:38:54	103.9	76.7	75.8	76.7
241	1/11/2024 8:38:56	104.8	77.1	76.7	76.9
242	1/11/2024 8:38:58	105.4	77.4	76.7	77.4

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243	1/11/2024 8:39:00	107.4	78.7	77.3	78.7
244	1/11/2024 8:39:02	106.5	79.5	78.7	79.3
245	1/11/2024 8:39:04	108.3	79.2	78.6	79.0
246	1/11/2024 8:39:06	107.7	79.2	78.9	79.0
247	1/11/2024 8:39:08	108.5	79.3	78.4	78.6
248	1/11/2024 8:39:10	106.3	78.5	78.0	78.0
249	1/11/2024 8:39:12	105.8	78.5	78.0	78.3
250	1/11/2024 8:39:14	103.7	78.5	77.0	76.9
251	1/11/2024 8:39:16	102.9	77.0	75.7	75.7
252	1/11/2024 8:39:18	101.8	75.9	75.5	75.6
253	1/11/2024 8:39:20	103.3	76.2	75.4	75.8
254	1/11/2024 8:39:22	102.5	76.1	75.3	76.0
255	1/11/2024 8:39:24	101.3	76.1	75.1	75.2
256	1/11/2024 8:39:26	102.2	75.2	74.7	74.8
257	1/11/2024 8:39:28	101.4	74.8	74.2	74.3
258	1/11/2024 8:39:30	101.0	74.3	73.5	73.6
259	1/11/2024 8:39:32	101.7	74.5	73.8	74.6
260	1/11/2024 8:39:34	100.8	75.2	74.4	75.1
261	1/11/2024 8:39:36	101.8	75.7	75.0	75.5
262	1/11/2024 8:39:38	100.8	75.6	75.0	75.0
263	1/11/2024 8:39:40	101.6	75.1	74.4	74.5
264	1/11/2024 8:39:42	100.7	75.5	74.7	75.2
265	1/11/2024 8:39:44	103.8	75.4	75.0	75.2
266	1/11/2024 8:39:46	102.9	75.7	74.9	75.5
267	1/11/2024 8:39:48	103.7	75.9	75.2	75.4
268	1/11/2024 8:39:50	103.1	75.3	74.4	74.4
269	1/11/2024 8:39:52	101.7	74.5	74.2	74.3
270	1/11/2024 8:39:54	101.1	74.3	73.9	73.9
271	1/11/2024 8:39:56	101.4	74.4	73.9	74.4
272	1/11/2024 8:39:58	101.5	74.6	74.3	74.5
273	1/11/2024 8:40:00	100.6	74.8	74.1	74.4
274	1/11/2024 8:40:02	99.4	74.3	73.7	74.2
275	1/11/2024 8:40:04	100.4	74.5	74.0	74.2
276	1/11/2024 8:40:06	100.9	74.2	74.0	74.0
277	1/11/2024 8:40:08	99.8	74.8	74.0	74.6
278	1/11/2024 8:40:10	100.5	74.8	74.0	74.0
279	1/11/2024 8:40:12	100.4	74.2	73.7	73.8
280	1/11/2024 8:40:14	99.9	74.0	73.6	73.9
281	1/11/2024 8:40:16	100.3	74.0	73.5	73.6
282	1/11/2024 8:40:18	100.0	73.8	73.1	73.1
283	1/11/2024 8:40:20	101.0	73.5	73.0	73.4
284	1/11/2024 8:40:22	101.8	73.6	73.2	73.4
285	1/11/2024 8:40:24	99.3	74.0	73.2	73.9
286	1/11/2024 8:40:26	99.5	74.4	73.8	74.3
287	1/11/2024 8:40:28	100.6	74.5	74.1	74.3
288	1/11/2024 8:40:30	99.4	74.4	74.0	74.1
289	1/11/2024 8:40:32	100.8	74.1	73.7	73.8
290	1/11/2024 8:40:34	101.3	73.8	73.3	73.4
291	1/11/2024 8:40:36	102.0	73.9	73.5	73.8
292	1/11/2024 8:40:38	101.0	73.9	73.6	73.8
293	1/11/2024 8:40:40	100.5	73.8	73.3	73.4
294	1/11/2024 8:40:42	99.4	73.5	73.2	73.4
295	1/11/2024 8:40:44	99.8	73.5	72.7	72.8
296	1/11/2024 8:40:46	99.3	73.4	72.7	73.3
297	1/11/2024 8:40:48	100.6	73.5	72.9	73.0
298	1/11/2024 8:40:50	102.1	73.2	72.7	73.1
299	1/11/2024 8:40:52	102.6	73.5	73.1	73.4
300	1/11/2024 8:40:54	101.2	73.7	73.2	73.6
301	1/11/2024 8:40:56	103.9	75.5	73.7	75.5
302	1/11/2024 8:40:58	103.0	74.9	73.7	73.8
303	1/11/2024 8:41:00	103.0	75.2	74.2	74.8
304	1/11/2024 8:41:02	101.0	74.3	73.5	74.0

305	1/11/2024 8:41:04	102.2	74.6	74.0	74.3
306	1/11/2024 8:41:06	100.1	74.3	72.8	72.7
307	1/11/2024 8:41:08	100.2	73.2	72.7	72.9
308	1/11/2024 8:41:10	101.8	73.2	72.7	73.1
309	1/11/2024 8:41:12	99.5	73.4	72.7	73.1
310	1/11/2024 8:41:14	99.9	73.4	72.7	72.8
311	1/11/2024 8:41:16	99.2	72.8	71.9	72.2
312	1/11/2024 8:41:18	98.0	72.0	71.4	71.2
313	1/11/2024 8:41:20	98.1	71.6	71.2	71.5
314	1/11/2024 8:41:22	98.5	71.5	71.2	71.3
315	1/11/2024 8:41:24	96.9	71.8	71.4	71.7
316	1/11/2024 8:41:26	98.0	72.0	71.7	71.9
317	1/11/2024 8:41:28	98.9	72.4	71.9	72.5
318	1/11/2024 8:41:30	101.2	72.5	72.2	72.3
319	1/11/2024 8:41:32	100.8	72.3	71.5	71.5
320	1/11/2024 8:41:34	101.1	73.5	71.5	73.2
321	1/11/2024 8:41:36	101.2	74.1	72.6	72.9
322	1/11/2024 8:41:38	100.6	72.9	72.5	72.7
323	1/11/2024 8:41:40	101.1	73.5	72.8	73.5
324	1/11/2024 8:41:42	102.1	73.8	73.3	73.7
325	1/11/2024 8:41:44	103.2	76.9	73.8	76.7
326	1/11/2024 8:41:46	103.8	77.6	76.8	77.3
327	1/11/2024 8:41:48	102.1	77.0	75.3	75.2
328	1/11/2024 8:41:50	100.8	75.3	74.7	74.6
329	1/11/2024 8:41:52	101.3	75.7	74.6	75.6
330	1/11/2024 8:41:54	102.4	77.4	75.7	77.3
331	1/11/2024 8:41:56	104.1	78.2	77.2	77.7
332	1/11/2024 8:41:58	102.0	77.2	74.8	74.7
333	1/11/2024 8:42:00	100.5	74.8	72.5	72.3
334	1/11/2024 8:42:02	98.8	72.6	71.8	72.0
335	1/11/2024 8:42:04	100.7	72.5	71.8	72.2
336	1/11/2024 8:42:06	100.0	76.1	72.3	75.8
337	1/11/2024 8:42:08	101.7	76.1	74.4	74.3
338	1/11/2024 8:42:10	99.8	74.4	73.2	73.1
339	1/11/2024 8:42:12	96.8	73.2	72.0	71.9
340	1/11/2024 8:42:14	98.4	72.1	71.7	71.7
341	1/11/2024 8:42:16	96.8	72.1	71.7	71.9
342	1/11/2024 8:42:18	96.8	71.7	71.1	71.0
343	1/11/2024 8:42:20	98.0	71.5	71.1	71.4
344	1/11/2024 8:42:22	96.5	71.8	71.5	71.7
345	1/11/2024 8:42:24	97.3	71.9	71.4	71.6
346	1/11/2024 8:42:26	98.5	72.1	71.6	72.0
347	1/11/2024 8:42:28	98.1	71.9	71.3	71.3
348	1/11/2024 8:42:30	98.5	71.7	71.3	71.4
349	1/11/2024 8:42:32	98.2	72.1	71.4	72.1
350	1/11/2024 8:42:34	97.7	72.1	71.1	71.1
351	1/11/2024 8:42:36	98.3	71.2	70.9	71.0
352	1/11/2024 8:42:38	97.5	71.4	70.9	71.3
353	1/11/2024 8:42:40	96.1	71.3	70.9	71.0
354	1/11/2024 8:42:42	96.5	71.2	70.6	70.7
355	1/11/2024 8:42:44	99.5	71.8	70.8	71.5
356	1/11/2024 8:42:46	98.0	71.7	71.3	71.3
357	1/11/2024 8:42:48	98.5	71.3	70.9	70.9
358	1/11/2024 8:42:50	97.9	71.7	70.8	71.5
359	1/11/2024 8:42:52	99.8	72.2	71.5	72.2
360	1/11/2024 8:42:54	100.7	72.0	70.9	71.1
361	1/11/2024 8:42:56	96.9	71.0	70.0	70.1
362	1/11/2024 8:42:58	98.1	70.2	69.9	70.1
363	1/11/2024 8:43:00	97.7	70.7	70.0	70.5
364	1/11/2024 8:43:02	99.2	71.3	70.7	71.3
365	1/11/2024 8:43:04	98.8	71.6	71.1	71.5
366	1/11/2024 8:43:06	99.8	72.5	71.5	72.4

367	1/11/2024 8:43:08	100.7	72.8	72.4	72.9
368	1/11/2024 8:43:10	100.6	72.9	72.4	72.7
369	1/11/2024 8:43:12	99.7	72.9	72.2	72.3
370	1/11/2024 8:43:14	99.0	73.0	72.0	72.9
371	1/11/2024 8:43:16	98.2	72.7	72.0	72.0
372	1/11/2024 8:43:18	100.8	72.8	72.0	72.7
373	1/11/2024 8:43:20	101.8	77.0	72.8	76.8
374	1/11/2024 8:43:22	101.5	76.9	75.5	75.3
375	1/11/2024 8:43:24	100.0	75.6	73.5	73.4
376	1/11/2024 8:43:26	96.8	73.5	72.1	71.8
377	1/11/2024 8:43:28	98.9	72.2	71.5	71.6
378	1/11/2024 8:43:30	99.9	72.2	71.5	72.1
379	1/11/2024 8:43:32	98.3	71.9	71.0	71.0
380	1/11/2024 8:43:34	97.6	71.2	70.6	70.7
381	1/11/2024 8:43:36	99.8	71.7	70.8	71.6
382	1/11/2024 8:43:38	100.4	72.5	71.6	72.3
383	1/11/2024 8:43:40	101.8	73.2	72.4	73.2
384	1/11/2024 8:43:42	102.7	73.4	72.8	73.2
385	1/11/2024 8:43:44	101.4	73.4	72.9	73.0
386	1/11/2024 8:43:46	99.9	73.7	72.6	73.4
387	1/11/2024 8:43:48	102.3	74.3	73.6	74.1
388	1/11/2024 8:43:50	102.5	74.0	73.0	72.9
389	1/11/2024 8:43:52	104.8	73.0	72.4	72.4
390	1/11/2024 8:43:54	103.6	72.5	71.9	72.3
391	1/11/2024 8:43:56	103.0	72.6	72.3	72.5
392	1/11/2024 8:43:58	103.0	72.8	72.1	72.3
393	1/11/2024 8:44:00	99.6	72.4	71.8	71.8
394	1/11/2024 8:44:02	99.4	72.5	71.7	72.3
395	1/11/2024 8:44:04	99.0	72.5	71.9	72.0
396	1/11/2024 8:44:06	99.6	72.4	71.8	72.3
397	1/11/2024 8:44:08	101.0	73.0	72.0	72.7
398	1/11/2024 8:44:10	102.7	75.4	73.0	75.2
399	1/11/2024 8:44:12	99.8	74.6	72.7	72.4
400	1/11/2024 8:44:14	101.3	72.8	72.2	72.2
401	1/11/2024 8:44:16	101.1	72.6	72.0	72.5
402	1/11/2024 8:44:18	99.8	73.4	72.5	73.3
403	1/11/2024 8:44:20	102.1	74.7	73.4	74.8
404	1/11/2024 8:44:22	103.3	75.5	74.4	75.2
405	1/11/2024 8:44:24	101.6	75.3	74.4	74.4
406	1/11/2024 8:44:26	101.3	74.5	73.6	73.8
407	1/11/2024 8:44:28	100.5	74.2	73.3	74.0
408	1/11/2024 8:44:30	103.7	74.4	74.0	74.2
409	1/11/2024 8:44:32	102.3	74.3	73.5	73.6
410	1/11/2024 8:44:34	102.6	74.3	73.8	74.3
411	1/11/2024 8:44:36	105.4	76.1	74.2	75.7
412	1/11/2024 8:44:38	100.6	74.8	73.7	73.6
413	1/11/2024 8:44:40	102.5	75.5	73.8	75.3
414	1/11/2024 8:44:42	102.7	75.5	74.5	74.4
415	1/11/2024 8:44:44	102.0	74.6	73.6	73.6
416	1/11/2024 8:44:46	102.3	74.1	73.6	74.0
417	1/11/2024 8:44:48	101.5	74.1	73.5	73.7
418	1/11/2024 8:44:50	103.1	75.4	73.9	75.2
419	1/11/2024 8:44:52	102.3	75.2	73.2	73.3
420	1/11/2024 8:44:54	99.5	73.2	72.2	72.0
421	1/11/2024 8:44:56	100.1	72.8	72.4	72.7
422	1/11/2024 8:44:58	100.1	72.6	71.9	72.0
423	1/11/2024 8:45:00	99.9	72.4	71.8	72.3
424	1/11/2024 8:45:02	101.2	72.9	72.3	72.7
425	1/11/2024 8:45:04	100.0	72.5	71.8	71.8
426	1/11/2024 8:45:06	100.7	72.0	71.4	71.6
427	1/11/2024 8:45:08	99.8	71.7	71.2	71.5
428	1/11/2024 8:45:10	99.6	71.9	71.5	71.7

429	1/11/2024 8:45:12	99.7	71.7	71.3	71.5
430	1/11/2024 8:45:14	96.5	71.7	70.9	71.0
431	1/11/2024 8:45:16	99.3	73.1	70.8	72.9
432	1/11/2024 8:45:18	104.2	76.0	73.0	75.5
433	1/11/2024 8:45:20	101.7	77.0	74.8	75.6
434	1/11/2024 8:45:22	100.1	74.8	72.4	72.0
435	1/11/2024 8:45:24	99.5	72.7	72.1	72.4
436	1/11/2024 8:45:26	101.3	74.0	72.3	74.0
437	1/11/2024 8:45:28	98.9	73.8	72.3	72.4
438	1/11/2024 8:45:30	99.0	72.4	71.7	71.9
439	1/11/2024 8:45:32	97.5	72.1	71.3	71.3
440	1/11/2024 8:45:34	99.6	71.9	71.3	72.0
441	1/11/2024 8:45:36	98.5	72.1	71.7	72.0
442	1/11/2024 8:45:38	97.9	72.0	71.3	71.5
443	1/11/2024 8:45:40	98.1	72.0	71.3	71.7
444	1/11/2024 8:45:42	96.8	72.0	71.5	71.8
445	1/11/2024 8:45:44	99.4	72.0	71.6	71.8
446	1/11/2024 8:45:46	97.8	72.0	71.5	71.8
447	1/11/2024 8:45:48	98.3	72.3	71.6	72.2
448	1/11/2024 8:45:50	98.9	72.3	71.7	71.8
449	1/11/2024 8:45:52	97.4	71.8	71.2	71.5
450	1/11/2024 8:45:54	99.4	71.6	70.9	70.9
451	1/11/2024 8:45:56	97.9	71.4	71.0	71.3
452	1/11/2024 8:45:58	98.4	72.2	71.2	72.1
453	1/11/2024 8:46:00	97.4	72.5	72.0	72.3
454	1/11/2024 8:46:02	100.8	74.1	72.5	73.9
455	1/11/2024 8:46:04	100.2	74.6	73.4	73.8
456	1/11/2024 8:46:06	101.8	73.9	73.3	73.7
457	1/11/2024 8:46:08	100.5	73.8	72.8	72.8
458	1/11/2024 8:46:10	100.3	72.9	72.5	72.5
459	1/11/2024 8:46:12	100.3	72.5	72.1	72.3
460	1/11/2024 8:46:14	99.2	72.3	71.8	71.8
461	1/11/2024 8:46:16	98.8	72.1	71.7	71.9
462	1/11/2024 8:46:18	100.0	72.2	71.2	71.4
463	1/11/2024 8:46:20	98.3	71.3	70.6	70.7
464	1/11/2024 8:46:22	98.1	70.7	70.3	70.3
465	1/11/2024 8:46:24	97.0	70.4	70.0	70.0
466	1/11/2024 8:46:26	96.4	70.1	69.6	69.7
467	1/11/2024 8:46:28	97.6	69.7	69.4	69.4
468	1/11/2024 8:46:30	98.3	69.8	69.3	69.6
469	1/11/2024 8:46:32	100.7	71.2	69.4	71.0
470	1/11/2024 8:46:34	102.0	73.8	71.2	73.9
471	1/11/2024 8:46:36	102.6	73.5	72.7	73.0
472	1/11/2024 8:46:38	102.6	74.4	73.1	74.1
473	1/11/2024 8:46:40	101.2	74.1	72.6	72.8
474	1/11/2024 8:46:42	101.4	72.8	72.1	72.5
475	1/11/2024 8:46:44	99.3	72.6	71.1	71.0
476	1/11/2024 8:46:46	98.8	71.2	70.8	70.8
477	1/11/2024 8:46:48	98.4	71.0	70.5	70.6
478	1/11/2024 8:46:50	98.3	71.8	70.5	71.8
479	1/11/2024 8:46:52	99.4	71.6	71.0	71.1
480	1/11/2024 8:46:54	97.4	71.3	70.4	70.3
481	1/11/2024 8:46:56	97.9	70.4	70.0	70.0
482	1/11/2024 8:46:58	98.5	71.2	70.0	71.2
483	1/11/2024 8:47:00	97.8	71.6	71.0	71.5
484	1/11/2024 8:47:02	97.8	71.3	71.1	71.1
485	1/11/2024 8:47:04	97.3	71.3	70.8	71.0
486	1/11/2024 8:47:06	96.6	71.0	70.3	70.3
487	1/11/2024 8:47:08	98.3	71.3	70.4	71.2
488	1/11/2024 8:47:10	96.6	71.5	71.1	71.5
489	1/11/2024 8:47:12	96.2	71.5	70.6	70.6
490	1/11/2024 8:47:14	97.8	70.8	70.3	70.6

491	1/11/2024 8:47:16	98.6	71.0	70.4	70.6
492	1/11/2024 8:47:18	100.0	70.6	70.1	70.3
493	1/11/2024 8:47:20	96.0	70.5	70.2	70.2
494	1/11/2024 8:47:22	96.2	70.4	69.5	69.5
495	1/11/2024 8:47:24	97.2	69.6	69.0	69.2
496	1/11/2024 8:47:26	96.7	69.2	68.9	69.1
497	1/11/2024 8:47:28	98.1	69.4	69.1	69.3
498	1/11/2024 8:47:30	98.8	69.9	69.1	70.0
499	1/11/2024 8:47:32	98.3	70.6	69.9	70.6
500	1/11/2024 8:47:34	97.6	70.9	70.5	70.6
501	1/11/2024 8:47:36	99.1	71.5	70.3	71.2
502	1/11/2024 8:47:38	101.7	73.1	71.5	73.2
503	1/11/2024 8:47:40	101.4	72.7	71.5	71.5
504	1/11/2024 8:47:42	100.6	71.9	71.3	71.5
505	1/11/2024 8:47:44	98.5	71.8	71.2	71.2
506	1/11/2024 8:47:46	98.4	71.2	70.5	70.5
507	1/11/2024 8:47:48	98.8	70.8	70.2	70.4
508	1/11/2024 8:47:50	99.5	70.5	70.2	70.5
509	1/11/2024 8:47:52	98.7	71.0	70.5	70.8
510	1/11/2024 8:47:54	98.5	70.5	70.2	70.3
511	1/11/2024 8:47:56	98.0	70.6	70.4	70.5
512	1/11/2024 8:47:58	99.6	71.5	70.3	71.5
513	1/11/2024 8:48:00	98.6	71.6	71.0	71.1
514	1/11/2024 8:48:02	101.3	71.2	71.0	71.1
515	1/11/2024 8:48:04	100.4	72.1	71.1	71.9
516	1/11/2024 8:48:06	100.6	72.3	71.6	71.8
517	1/11/2024 8:48:08	99.6	71.7	70.2	70.2
518	1/11/2024 8:48:10	99.0	70.2	69.8	70.0
519	1/11/2024 8:48:12	99.3	70.6	70.1	70.5
520	1/11/2024 8:48:14	98.6	70.5	69.6	69.6
521	1/11/2024 8:48:16	97.6	70.0	69.6	70.0
522	1/11/2024 8:48:18	96.8	70.0	69.5	69.7
523	1/11/2024 8:48:20	97.3	70.2	69.6	70.0
524	1/11/2024 8:48:22	97.2	70.1	69.6	69.7
525	1/11/2024 8:48:24	96.2	69.7	69.2	69.3
526	1/11/2024 8:48:26	97.8	69.8	69.2	69.5
527	1/11/2024 8:48:28	96.7	70.0	69.4	69.8
528	1/11/2024 8:48:30	98.4	70.8	69.5	70.4
529	1/11/2024 8:48:32	100.5	71.9	70.7	72.0
530	1/11/2024 8:48:34	99.2	71.7	71.0	70.8
531	1/11/2024 8:48:36	98.4	71.1	70.6	70.8
532	1/11/2024 8:48:38	98.6	72.1	70.9	71.9
533	1/11/2024 8:48:40	100.0	72.3	71.8	72.3
534	1/11/2024 8:48:42	99.2	72.5	71.8	72.0
535	1/11/2024 8:48:44	99.5	72.0	71.6	71.7
536	1/11/2024 8:48:46	101.9	71.8	71.4	71.5
537	1/11/2024 8:48:48	98.2	71.4	70.2	70.2
538	1/11/2024 8:48:50	97.1	70.3	69.8	70.0
539	1/11/2024 8:48:52	97.8	70.2	69.7	69.8
540	1/11/2024 8:48:54	97.3	69.7	68.9	69.0
541	1/11/2024 8:48:56	97.1	69.4	68.7	69.3
542	1/11/2024 8:48:58	96.0	69.8	69.4	69.8
543	1/11/2024 8:49:00	96.8	70.6	69.7	70.5
544	1/11/2024 8:49:02	96.9	71.4	70.6	71.2
545	1/11/2024 8:49:04	98.2	71.6	70.8	71.5
546	1/11/2024 8:49:06	99.2	71.8	71.4	71.7
547	1/11/2024 8:49:08	101.2	72.0	71.5	71.5
548	1/11/2024 8:49:10	100.4	72.4	71.3	72.2
549	1/11/2024 8:49:12	108.2	75.7	72.3	74.8
550	1/11/2024 8:49:14	103.3	75.6	74.3	75.4
551	1/11/2024 8:49:16	103.6	75.9	73.4	73.4
552	1/11/2024 8:49:18	100.7	73.6	71.7	71.6

553	1/11/2024 8:49:20	102.2	71.9	71.2	71.2
554	1/11/2024 8:49:22	100.7	71.3	71.0	71.1
555	1/11/2024 8:49:24	97.6	71.4	70.9	71.2
556	1/11/2024 8:49:26	99.4	71.2	70.3	70.4
557	1/11/2024 8:49:28	99.5	70.6	70.0	70.3
558	1/11/2024 8:49:30	98.4	70.6	70.0	70.0
559	1/11/2024 8:49:32	97.9	70.7	70.2	70.6
560	1/11/2024 8:49:34	99.2	70.8	70.2	70.6
561	1/11/2024 8:49:36	99.4	70.9	70.5	70.7
562	1/11/2024 8:49:38	100.0	72.1	70.8	71.8
563	1/11/2024 8:49:40	100.1	72.8	71.7	72.5
564	1/11/2024 8:49:42	101.4	72.3	71.4	71.3
565	1/11/2024 8:49:44	100.6	71.5	71.0	71.1
566	1/11/2024 8:49:46	103.0	72.0	71.0	71.9
567	1/11/2024 8:49:48	102.6	72.0	71.4	71.7
568	1/11/2024 8:49:50	101.1	71.5	70.4	70.4
569	1/11/2024 8:49:52	99.0	70.7	70.4	70.7
570	1/11/2024 8:49:54	98.8	70.9	70.5	70.7
571	1/11/2024 8:49:56	101.8	71.3	70.7	71.1
572	1/11/2024 8:49:58	99.5	71.1	70.4	70.7
573	1/11/2024 8:50:00	98.2	71.2	70.3	70.8
574	1/11/2024 8:50:02	100.8	71.5	70.7	71.4
575	1/11/2024 8:50:04	99.0	71.9	71.2	71.8
576	1/11/2024 8:50:06	101.5	73.5	71.6	73.5
577	1/11/2024 8:50:08	102.0	73.3	72.2	72.3
578	1/11/2024 8:50:10	98.3	72.7	72.2	72.6
579	1/11/2024 8:50:12	101.8	72.6	72.1	72.3
580	1/11/2024 8:50:14	98.0	72.5	71.8	72.0
581	1/11/2024 8:50:16	100.0	72.0	71.0	70.9
582	1/11/2024 8:50:18	98.7	71.1	70.6	70.8
583	1/11/2024 8:50:20	98.8	71.0	70.7	70.7
584	1/11/2024 8:50:22	99.8	71.1	70.5	71.0
585	1/11/2024 8:50:24	99.2	71.4	70.7	70.9
586	1/11/2024 8:50:26	98.1	70.9	70.6	70.7
587	1/11/2024 8:50:28	98.3	71.0	70.4	70.7
588	1/11/2024 8:50:30	98.3	70.7	70.3	70.4
589	1/11/2024 8:50:32	99.4	71.5	70.2	71.1
590	1/11/2024 8:50:34	99.8	71.7	71.3	71.4
591	1/11/2024 8:50:36	99.0	71.4	70.7	70.8
592	1/11/2024 8:50:38	99.2	70.9	70.4	70.4
593	1/11/2024 8:50:40	97.6	70.8	70.4	70.7
594	1/11/2024 8:50:42	98.4	71.2	70.7	71.0
595	1/11/2024 8:50:44	97.9	71.1	70.2	70.4
596	1/11/2024 8:50:46	97.5	70.4	70.0	70.1
597	1/11/2024 8:50:48	97.0	70.2	69.7	70.0
598	1/11/2024 8:50:50	98.6	71.3	70.1	71.1
599	1/11/2024 8:50:52	99.6	72.5	71.3	72.5
600	1/11/2024 8:50:54	104.2	73.4	72.2	73.3
601	1/11/2024 8:50:56	103.1	73.8	73.3	73.7

STA3 - Logger results

No.	Date & time	P1 - Profile1 LCpeak (TH) [dB]	P1 - Profile1 (A, Slow) LASmax (TH) [dB]	P1 - Profile1 (A, Slow) LASmin (TH) [dB]	P1 - Profile1 (A, Lin) LAeq (TH) [dB]
1	1/11/2024 8:57:50	104.8	77.2	75.6	77.3
2	1/11/2024 8:57:52	104.5	77.9	77.2	77.8
3	1/11/2024 8:57:54	104.7	77.8	77.3	77.4
4	1/11/2024 8:57:56	106.0	78.3	77.5	78.3
5	1/11/2024 8:57:58	105.1	78.4	77.9	78.0
6	1/11/2024 8:58:00	105.6	79.9	78.1	79.9
7	1/11/2024 8:58:02	103.6	80.2	79.6	79.9
8	1/11/2024 8:58:04	104.7	79.6	78.8	78.8
9	1/11/2024 8:58:06	104.2	78.9	78.4	78.4
10	1/11/2024 8:58:08	103.8	78.6	78.2	78.3
11	1/11/2024 8:58:10	103.4	78.6	78.3	78.4
12	1/11/2024 8:58:12	104.8	78.7	78.4	78.6
13	1/11/2024 8:58:14	102.5	78.5	78.1	78.1
14	1/11/2024 8:58:16	101.7	78.2	77.1	77.0
15	1/11/2024 8:58:18	101.7	78.4	77.1	78.2
16	1/11/2024 8:58:20	103.1	79.6	78.3	79.6
17	1/11/2024 8:58:22	104.0	80.0	79.4	80.0
18	1/11/2024 8:58:24	103.8	79.9	79.0	79.0
19	1/11/2024 8:58:26	101.9	79.0	77.4	77.4
20	1/11/2024 8:58:28	102.8	77.4	76.5	76.5
21	1/11/2024 8:58:30	102.9	77.0	76.5	76.9
22	1/11/2024 8:58:32	104.6	78.4	76.5	77.8
23	1/11/2024 8:58:34	105.4	80.0	78.0	79.0
24	1/11/2024 8:58:36	102.4	78.0	77.5	77.8
25	1/11/2024 8:58:38	103.6	79.2	78.0	79.3
26	1/11/2024 8:58:40	105.8	79.8	79.1	79.7
27	1/11/2024 8:58:42	106.3	81.2	79.8	81.0
28	1/11/2024 8:58:44	106.2	81.3	80.5	80.6
29	1/11/2024 8:58:46	106.8	80.5	79.8	79.8
30	1/11/2024 8:58:48	106.9	80.2	79.0	79.2
31	1/11/2024 8:58:50	105.0	79.3	78.3	78.5
32	1/11/2024 8:58:52	104.2	78.9	77.9	78.6
33	1/11/2024 8:58:54	104.1	79.3	78.8	79.3
34	1/11/2024 8:58:56	106.2	79.5	79.2	79.4
35	1/11/2024 8:58:58	106.1	81.5	79.4	81.5
36	1/11/2024 8:59:00	107.3	82.4	81.5	82.4
37	1/11/2024 8:59:02	108.2	82.1	81.3	81.5
38	1/11/2024 8:59:04	107.6	82.4	81.8	82.5
39	1/11/2024 8:59:06	108.7	82.6	82.2	82.4
40	1/11/2024 8:59:08	108.2	82.3	81.7	81.7
41	1/11/2024 8:59:10	108.2	81.8	80.5	80.4
42	1/11/2024 8:59:12	107.2	80.6	80.2	80.3
43	1/11/2024 8:59:14	106.8	81.1	80.2	81.0
44	1/11/2024 8:59:16	106.2	80.9	79.3	79.1
45	1/11/2024 8:59:18	105.3	79.4	79.1	79.2
46	1/11/2024 8:59:20	104.6	79.5	79.2	79.4
47	1/11/2024 8:59:22	103.6	79.5	78.1	78.3
48	1/11/2024 8:59:24	103.4	78.5	77.7	78.2
49	1/11/2024 8:59:26	106.1	80.1	78.3	80.0
50	1/11/2024 8:59:28	106.4	80.3	79.9	80.1
51	1/11/2024 8:59:30	104.1	79.9	78.9	78.8
52	1/11/2024 8:59:32	103.8	78.9	78.1	78.1
53	1/11/2024 8:59:34	103.2	78.9	78.0	78.9
54	1/11/2024 8:59:36	103.2	78.9	78.1	78.2
55	1/11/2024 8:59:38	103.7	78.3	77.1	77.3
56	1/11/2024 8:59:40	102.9	77.7	77.0	77.6

57	1/11/2024 8:59:42	102.2	77.7	76.7	76.7
58	1/11/2024 8:59:44	102.9	76.7	75.9	75.9
59	1/11/2024 8:59:46	101.6	77.4	76.1	77.5
60	1/11/2024 8:59:48	104.9	78.8	77.3	78.7
61	1/11/2024 8:59:50	102.6	78.9	77.5	77.7
62	1/11/2024 8:59:52	100.5	77.5	76.2	76.0
63	1/11/2024 8:59:54	103.8	77.6	76.1	77.3
64	1/11/2024 8:59:56	104.8	79.2	77.6	79.2
65	1/11/2024 8:59:58	123.6	91.7	79.1	89.1
66	1/11/2024 9:00:00	102.3	85.5	80.1	77.8
67	1/11/2024 9:00:02	101.6	80.1	78.2	77.9
68	1/11/2024 9:00:04	102.4	78.2	77.2	77.2
69	1/11/2024 9:00:06	100.0	77.2	75.9	75.9
70	1/11/2024 9:00:08	101.3	76.7	75.9	76.6
71	1/11/2024 9:00:10	102.5	76.9	75.9	76.1
72	1/11/2024 9:00:12	101.0	75.9	75.5	75.5
73	1/11/2024 9:00:14	103.1	78.0	75.6	77.7
74	1/11/2024 9:00:16	107.0	79.6	77.9	79.6
75	1/11/2024 9:00:18	103.2	79.6	78.9	79.0
76	1/11/2024 9:00:20	106.1	79.1	78.6	78.9
77	1/11/2024 9:00:22	103.8	80.2	79.0	80.2
78	1/11/2024 9:00:24	104.2	79.9	79.3	79.3
79	1/11/2024 9:00:26	104.4	79.4	78.8	79.0
80	1/11/2024 9:00:28	104.0	79.3	78.4	78.9
81	1/11/2024 9:00:30	106.0	80.2	79.2	80.4
82	1/11/2024 9:00:32	106.0	80.5	80.1	80.4
83	1/11/2024 9:00:34	106.2	80.2	79.3	79.4
84	1/11/2024 9:00:36	104.3	79.5	78.7	78.7
85	1/11/2024 9:00:38	104.1	78.8	78.3	78.4
86	1/11/2024 9:00:40	103.9	78.4	77.7	77.7
87	1/11/2024 9:00:42	102.5	77.7	76.5	76.5
88	1/11/2024 9:00:44	103.5	77.3	76.6	77.2
89	1/11/2024 9:00:46	102.9	77.7	77.1	77.7
90	1/11/2024 9:00:48	103.9	78.5	77.7	78.4
91	1/11/2024 9:00:50	104.4	79.5	78.2	79.4
92	1/11/2024 9:00:52	104.8	79.8	79.3	79.6
93	1/11/2024 9:00:54	104.8	79.6	79.2	79.3
94	1/11/2024 9:00:56	103.6	79.3	78.9	79.1
95	1/11/2024 9:00:58	102.6	79.5	78.6	79.0
96	1/11/2024 9:01:00	103.1	78.6	78.1	78.1
97	1/11/2024 9:01:02	103.8	78.2	77.8	78.0
98	1/11/2024 9:01:04	102.9	78.1	77.7	77.9
99	1/11/2024 9:01:06	103.6	78.0	77.3	77.3
100	1/11/2024 9:01:08	106.3	77.8	77.1	77.5
101	1/11/2024 9:01:10	107.5	78.7	77.7	78.7
102	1/11/2024 9:01:12	103.7	78.8	78.1	78.4
103	1/11/2024 9:01:14	104.6	78.9	78.6	78.8
104	1/11/2024 9:01:16	103.4	78.7	78.0	77.9
105	1/11/2024 9:01:18	102.1	78.1	77.5	77.7
106	1/11/2024 9:01:20	102.3	77.6	76.9	77.2
107	1/11/2024 9:01:22	104.0	79.2	77.4	79.1
108	1/11/2024 9:01:24	104.4	79.7	79.1	79.4
109	1/11/2024 9:01:26	103.8	79.4	78.9	79.3
110	1/11/2024 9:01:28	106.0	80.6	79.4	80.6
111	1/11/2024 9:01:30	107.1	82.1	80.4	82.0
112	1/11/2024 9:01:32	105.2	81.6	80.6	80.6
113	1/11/2024 9:01:34	105.5	80.7	79.9	80.0
114	1/11/2024 9:01:36	105.5	80.3	79.0	78.9
115	1/11/2024 9:01:38	107.3	80.5	79.1	80.3
116	1/11/2024 9:01:40	110.2	81.2	80.4	81.0
117	1/11/2024 9:01:42	106.8	80.9	79.9	80.0
118	1/11/2024 9:01:44	106.0	80.0	78.8	78.9

119	1/11/2024 9:01:46	103.7	78.9	78.4	78.5
120	1/11/2024 9:01:48	103.3	78.6	78.2	78.3
121	1/11/2024 9:01:50	105.0	80.5	78.4	80.4
122	1/11/2024 9:01:52	107.0	80.5	79.3	79.5
123	1/11/2024 9:01:54	104.3	79.3	78.8	78.8
124	1/11/2024 9:01:56	104.1	79.0	78.4	78.5
125	1/11/2024 9:01:58	104.2	79.8	78.5	79.5
126	1/11/2024 9:02:00	106.7	80.2	79.3	79.7
127	1/11/2024 9:02:02	103.5	79.3	78.1	77.9
128	1/11/2024 9:02:04	105.6	78.4	78.0	78.3
129	1/11/2024 9:02:06	105.1	78.8	78.4	78.6
130	1/11/2024 9:02:08	103.5	78.7	78.3	78.5
131	1/11/2024 9:02:10	105.0	79.5	78.4	79.3
132	1/11/2024 9:02:12	104.9	79.8	79.2	79.6
133	1/11/2024 9:02:14	103.8	79.9	79.3	79.5
134	1/11/2024 9:02:16	104.8	79.4	79.1	79.2
135	1/11/2024 9:02:18	104.0	79.3	78.8	78.9
136	1/11/2024 9:02:20	101.0	78.8	77.7	77.6
137	1/11/2024 9:02:22	101.3	77.8	77.3	77.5
138	1/11/2024 9:02:24	102.3	78.0	77.6	77.8
139	1/11/2024 9:02:26	103.4	77.6	76.1	76.2
140	1/11/2024 9:02:28	102.0	76.2	75.7	75.8
141	1/11/2024 9:02:30	102.9	77.0	75.9	76.8
142	1/11/2024 9:02:32	103.8	79.2	77.0	79.0
143	1/11/2024 9:02:34	105.5	80.2	79.1	80.2
144	1/11/2024 9:02:36	107.4	80.7	80.0	80.7
145	1/11/2024 9:02:38	107.2	81.5	80.6	81.4
146	1/11/2024 9:02:40	105.8	81.3	80.9	80.9
147	1/11/2024 9:02:42	108.5	81.0	80.6	80.7
148	1/11/2024 9:02:44	106.8	81.0	80.6	80.7
149	1/11/2024 9:02:46	110.1	83.7	80.5	83.3
150	1/11/2024 9:02:48	127.5	94.9	81.1	92.3
151	1/11/2024 9:02:50	107.8	93.0	85.6	79.9
152	1/11/2024 9:02:52	103.9	85.6	80.4	78.6
153	1/11/2024 9:02:54	101.5	80.4	77.3	76.6
154	1/11/2024 9:02:56	104.7	77.3	76.6	76.5
155	1/11/2024 9:02:58	102.5	78.1	76.6	78.0
156	1/11/2024 9:03:00	103.6	78.5	77.9	78.4
157	1/11/2024 9:03:02	106.5	79.9	78.3	79.9
158	1/11/2024 9:03:04	106.8	80.1	79.7	79.8
159	1/11/2024 9:03:06	107.0	79.7	78.4	78.4
160	1/11/2024 9:03:08	106.2	79.2	78.2	79.0
161	1/11/2024 9:03:10	105.7	79.6	79.0	79.5
162	1/11/2024 9:03:12	104.9	79.7	79.2	79.3
163	1/11/2024 9:03:14	106.5	79.6	79.2	79.3
164	1/11/2024 9:03:16	104.8	79.6	78.9	79.2
165	1/11/2024 9:03:18	104.2	78.9	78.4	78.5
166	1/11/2024 9:03:20	102.5	78.5	77.9	78.0
167	1/11/2024 9:03:22	104.4	78.6	77.9	78.5
168	1/11/2024 9:03:24	107.3	80.6	78.5	80.3
169	1/11/2024 9:03:26	107.3	81.2	80.5	81.3
170	1/11/2024 9:03:28	107.4	81.4	80.8	81.2
171	1/11/2024 9:03:30	109.6	81.7	81.2	81.6
172	1/11/2024 9:03:32	106.8	81.8	79.8	80.2
173	1/11/2024 9:03:34	103.9	79.8	78.1	77.8
174	1/11/2024 9:03:36	102.8	78.1	77.0	77.0
175	1/11/2024 9:03:38	101.3	77.0	76.5	76.6
176	1/11/2024 9:03:40	104.2	78.2	76.7	78.3
177	1/11/2024 9:03:42	105.2	79.0	78.2	79.0
178	1/11/2024 9:03:44	107.5	79.2	78.9	79.2
179	1/11/2024 9:03:46	106.3	79.8	79.1	79.8
180	1/11/2024 9:03:48	104.7	79.9	78.2	78.5

181	1/11/2024 9:03:50	102.4	78.2	76.7	76.5
182	1/11/2024 9:03:52	102.1	76.9	76.5	76.7
183	1/11/2024 9:03:54	102.2	76.9	76.2	76.6
184	1/11/2024 9:03:56	104.4	77.4	76.7	77.3
185	1/11/2024 9:03:58	103.1	77.6	77.1	77.5
186	1/11/2024 9:04:00	101.2	77.3	76.8	76.8
187	1/11/2024 9:04:02	100.2	77.0	76.1	76.0
188	1/11/2024 9:04:04	102.2	76.4	75.8	75.9
189	1/11/2024 9:04:06	100.5	76.5	75.9	76.5
190	1/11/2024 9:04:08	103.0	78.3	76.5	78.2
191	1/11/2024 9:04:10	104.4	80.1	78.3	80.1
192	1/11/2024 9:04:12	106.5	82.5	79.6	82.3
193	1/11/2024 9:04:14	105.2	82.8	81.6	81.8
194	1/11/2024 9:04:16	107.5	81.8	81.5	81.6
195	1/11/2024 9:04:18	106.9	81.5	80.8	80.8
196	1/11/2024 9:04:20	107.0	80.9	79.4	79.2
197	1/11/2024 9:04:22	106.8	79.6	78.2	78.1
198	1/11/2024 9:04:24	105.1	79.1	78.3	78.8
199	1/11/2024 9:04:26	105.0	79.6	78.7	79.1
200	1/11/2024 9:04:28	104.0	78.7	77.8	77.7
201	1/11/2024 9:04:30	102.1	77.8	76.8	76.8
202	1/11/2024 9:04:32	104.8	79.6	76.8	79.3
203	1/11/2024 9:04:34	104.8	80.1	78.4	79.0
204	1/11/2024 9:04:36	102.7	78.4	77.1	76.8
205	1/11/2024 9:04:38	104.6	77.4	76.8	77.2
206	1/11/2024 9:04:40	103.7	77.6	77.3	77.5
207	1/11/2024 9:04:42	102.2	77.7	77.0	77.2
208	1/11/2024 9:04:44	102.8	77.2	76.5	76.7
209	1/11/2024 9:04:46	103.5	76.8	76.4	76.5
210	1/11/2024 9:04:48	102.9	76.9	76.3	76.7
211	1/11/2024 9:04:50	103.8	78.6	76.8	78.6
212	1/11/2024 9:04:52	104.3	80.0	78.6	79.7
213	1/11/2024 9:04:54	102.3	79.2	77.5	77.4
214	1/11/2024 9:04:56	101.4	77.5	76.8	76.8
215	1/11/2024 9:04:58	101.5	77.0	76.4	76.4
216	1/11/2024 9:05:00	101.4	76.4	75.5	75.6
217	1/11/2024 9:05:02	101.3	75.7	74.7	74.6
218	1/11/2024 9:05:04	103.6	75.2	74.6	75.3
219	1/11/2024 9:05:06	101.9	75.4	75.0	75.4
220	1/11/2024 9:05:08	101.5	76.3	75.4	76.4
221	1/11/2024 9:05:10	102.6	77.0	76.0	76.6
222	1/11/2024 9:05:12	103.8	77.5	76.9	77.2
223	1/11/2024 9:05:14	101.5	77.0	75.7	75.7
224	1/11/2024 9:05:16	103.1	77.1	75.6	77.0
225	1/11/2024 9:05:18	104.3	77.3	76.5	76.9
226	1/11/2024 9:05:20	105.2	78.0	76.8	77.4
227	1/11/2024 9:05:22	103.2	76.8	75.9	75.9
228	1/11/2024 9:05:24	102.6	76.2	75.8	76.1
229	1/11/2024 9:05:26	103.6	76.6	76.1	76.5
230	1/11/2024 9:05:28	105.0	78.6	76.5	78.6
231	1/11/2024 9:05:30	106.0	79.2	78.2	78.7
232	1/11/2024 9:05:32	102.5	78.2	76.8	76.5
233	1/11/2024 9:05:34	103.5	78.2	76.7	78.1
234	1/11/2024 9:05:36	105.0	79.5	78.1	79.3
235	1/11/2024 9:05:38	104.1	79.0	78.3	78.2
236	1/11/2024 9:05:40	106.2	82.9	78.3	82.0
237	1/11/2024 9:05:42	105.3	83.0	79.9	79.7
238	1/11/2024 9:05:44	107.0	80.6	79.9	80.1
239	1/11/2024 9:05:46	104.6	80.0	79.3	79.3
240	1/11/2024 9:05:48	106.5	80.8	79.1	80.4
241	1/11/2024 9:05:50	105.8	81.1	80.3	80.6
242	1/11/2024 9:05:52	106.8	80.8	80.2	80.5

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243	1/11/2024 9:05:54	105.5	80.7	80.2	80.3
244	1/11/2024 9:05:56	104.0	80.2	79.1	79.1
245	1/11/2024 9:05:58	104.9	79.4	78.8	78.9
246	1/11/2024 9:06:00	102.8	78.8	77.4	77.4
247	1/11/2024 9:06:02	104.8	78.2	77.6	78.0
248	1/11/2024 9:06:04	104.0	78.8	78.0	78.7
249	1/11/2024 9:06:06	102.5	78.8	78.3	78.5
250	1/11/2024 9:06:08	101.6	78.3	77.7	77.7
251	1/11/2024 9:06:10	101.0	78.4	77.9	78.3
252	1/11/2024 9:06:12	102.2	79.0	77.6	78.7
253	1/11/2024 9:06:14	103.8	80.5	78.8	80.4
254	1/11/2024 9:06:16	103.7	81.3	80.5	80.9
255	1/11/2024 9:06:18	104.2	80.6	79.6	79.6
256	1/11/2024 9:06:20	105.8	80.9	79.8	80.8
257	1/11/2024 9:06:22	104.5	81.0	80.6	80.7
258	1/11/2024 9:06:24	104.9	80.7	80.4	80.5
259	1/11/2024 9:06:26	105.0	81.0	80.2	80.8
260	1/11/2024 9:06:28	109.3	84.3	81.0	84.2
261	1/11/2024 9:06:30	108.8	85.5	84.2	85.4
262	1/11/2024 9:06:32	107.5	85.2	82.0	81.7
263	1/11/2024 9:06:34	106.3	82.0	80.0	79.7
264	1/11/2024 9:06:36	107.7	80.5	79.8	80.3
265	1/11/2024 9:06:38	107.9	80.9	80.3	80.7
266	1/11/2024 9:06:40	105.4	80.5	79.4	79.3
267	1/11/2024 9:06:42	106.7	79.7	79.3	79.6
268	1/11/2024 9:06:44	105.3	79.6	79.2	79.1
269	1/11/2024 9:06:46	104.9	79.3	78.8	79.0
270	1/11/2024 9:06:48	105.7	79.5	79.0	79.2
271	1/11/2024 9:06:50	103.0	79.0	78.2	78.2
272	1/11/2024 9:06:52	102.2	78.4	78.0	78.1
273	1/11/2024 9:06:54	101.4	78.0	76.5	76.6
274	1/11/2024 9:06:56	103.1	76.5	76.0	76.3
275	1/11/2024 9:06:58	103.7	78.0	76.5	78.2
276	1/11/2024 9:07:00	103.1	78.0	77.6	77.9
277	1/11/2024 9:07:02	102.7	78.7	77.9	78.6
278	1/11/2024 9:07:04	105.1	79.9	78.7	79.7
279	1/11/2024 9:07:06	104.9	79.7	78.9	79.0
280	1/11/2024 9:07:08	104.0	79.8	78.4	79.4
281	1/11/2024 9:07:10	107.8	81.3	79.8	81.2
282	1/11/2024 9:07:12	102.4	80.8	78.7	78.2
283	1/11/2024 9:07:14	105.7	79.0	78.4	78.8
284	1/11/2024 9:07:16	104.9	79.1	78.7	78.8
285	1/11/2024 9:07:18	105.9	80.0	78.8	79.9
286	1/11/2024 9:07:20	104.8	79.4	78.9	79.0
287	1/11/2024 9:07:22	104.5	80.2	79.1	79.9
288	1/11/2024 9:07:24	107.5	83.5	80.1	83.3
289	1/11/2024 9:07:26	108.6	83.7	81.5	81.5
290	1/11/2024 9:07:28	105.0	81.6	80.2	80.0
291	1/11/2024 9:07:30	105.7	80.6	80.0	80.3
292	1/11/2024 9:07:32	106.1	80.9	79.1	79.1
293	1/11/2024 9:07:34	106.6	79.2	78.5	78.3
294	1/11/2024 9:07:36	105.6	79.5	78.3	79.4
295	1/11/2024 9:07:38	104.2	80.2	79.4	79.9
296	1/11/2024 9:07:40	104.3	79.5	78.1	78.0
297	1/11/2024 9:07:42	105.6	78.5	77.9	78.2
298	1/11/2024 9:07:44	104.9	78.4	77.7	77.8
299	1/11/2024 9:07:46	103.5	78.2	77.8	78.0
300	1/11/2024 9:07:48	103.9	78.0	77.5	77.6
301	1/11/2024 9:07:50	111.2	85.1	77.7	84.1
302	1/11/2024 9:07:52	113.2	87.8	85.1	88.0
303	1/11/2024 9:07:54	112.9	87.9	84.7	85.2
304	1/11/2024 9:07:56	108.2	84.7	81.7	81.0

305	1/11/2024 9:07:58	106.8	81.8	80.3	80.4
306	1/11/2024 9:08:00	105.6	80.3	79.6	79.6
307	1/11/2024 9:08:02	106.4	80.2	79.6	79.9
308	1/11/2024 9:08:04	104.3	79.8	78.5	78.5
309	1/11/2024 9:08:06	103.7	78.8	78.2	78.6
310	1/11/2024 9:08:08	103.6	78.8	78.1	78.3
311	1/11/2024 9:08:10	102.9	78.1	77.3	77.1
312	1/11/2024 9:08:12	101.4	77.4	76.8	76.8
313	1/11/2024 9:08:14	103.1	76.8	76.5	76.7
314	1/11/2024 9:08:16	104.2	78.7	76.8	78.7
315	1/11/2024 9:08:18	106.9	80.0	78.6	79.9
316	1/11/2024 9:08:20	107.2	81.7	80.0	81.8
317	1/11/2024 9:08:22	106.4	82.0	81.0	81.1
318	1/11/2024 9:08:24	106.7	81.5	80.8	81.3
319	1/11/2024 9:08:26	107.7	82.5	81.4	82.5
320	1/11/2024 9:08:28	106.3	82.6	81.0	81.5
321	1/11/2024 9:08:30	104.9	81.0	78.6	78.3
322	1/11/2024 9:08:32	101.5	78.6	76.9	76.8
323	1/11/2024 9:08:34	102.1	77.2	76.5	76.7
324	1/11/2024 9:08:36	101.5	76.6	76.0	76.0
325	1/11/2024 9:08:38	102.0	76.1	75.7	75.9
326	1/11/2024 9:08:40	102.6	76.4	75.9	76.3
327	1/11/2024 9:08:42	103.7	76.7	76.2	76.5
328	1/11/2024 9:08:44	102.0	77.0	76.3	76.8
329	1/11/2024 9:08:46	103.9	78.0	77.0	77.9
330	1/11/2024 9:08:48	104.2	78.7	77.9	78.7
331	1/11/2024 9:08:50	104.9	79.4	78.7	79.5
332	1/11/2024 9:08:52	108.1	82.4	79.4	82.4
333	1/11/2024 9:08:54	107.8	82.4	80.9	81.2
334	1/11/2024 9:08:56	105.3	80.9	78.7	78.4
335	1/11/2024 9:08:58	105.5	78.8	78.5	78.6
336	1/11/2024 9:09:00	102.8	78.8	78.3	78.6
337	1/11/2024 9:09:02	104.8	79.0	78.7	78.9
338	1/11/2024 9:09:04	107.0	80.4	79.0	80.4
339	1/11/2024 9:09:06	105.8	80.6	79.9	80.0
340	1/11/2024 9:09:08	104.6	80.0	78.4	78.3
341	1/11/2024 9:09:10	104.5	78.4	78.0	78.0
342	1/11/2024 9:09:12	103.5	78.6	78.0	78.6
343	1/11/2024 9:09:14	105.6	80.5	78.6	80.4
344	1/11/2024 9:09:16	107.3	80.9	80.0	80.4
345	1/11/2024 9:09:18	105.7	80.3	79.7	80.0
346	1/11/2024 9:09:20	109.4	82.2	80.3	82.4
347	1/11/2024 9:09:22	108.4	82.3	81.5	81.6
348	1/11/2024 9:09:24	109.2	82.1	81.4	82.0
349	1/11/2024 9:09:26	109.4	83.0	81.9	83.0
350	1/11/2024 9:09:28	108.7	82.8	82.3	82.3
351	1/11/2024 9:09:30	106.6	82.3	81.8	82.0
352	1/11/2024 9:09:32	107.1	82.1	81.5	81.5
353	1/11/2024 9:09:34	105.8	81.5	80.5	80.6
354	1/11/2024 9:09:36	105.0	80.6	79.5	79.4
355	1/11/2024 9:09:38	103.8	79.5	78.5	78.3
356	1/11/2024 9:09:40	103.5	78.7	78.4	78.6
357	1/11/2024 9:09:42	104.0	78.7	78.2	78.4
358	1/11/2024 9:09:44	104.1	78.4	78.0	78.2
359	1/11/2024 9:09:46	105.9	79.4	78.3	79.3
360	1/11/2024 9:09:48	105.4	79.5	79.2	79.3
361	1/11/2024 9:09:50	108.4	79.8	79.1	79.6
362	1/11/2024 9:09:52	105.8	79.6	78.5	78.6
363	1/11/2024 9:09:54	102.8	78.5	77.0	76.9
364	1/11/2024 9:09:56	102.7	77.0	75.8	75.7
365	1/11/2024 9:09:58	105.0	78.7	76.0	78.3
366	1/11/2024 9:10:00	105.3	80.2	78.7	80.2

367	1/11/2024 9:10:02	104.7	79.6	78.9	79.0
368	1/11/2024 9:10:04	103.9	80.8	79.3	80.8
369	1/11/2024 9:10:06	104.2	80.7	80.0	80.0
370	1/11/2024 9:10:08	105.0	80.1	79.3	79.4
371	1/11/2024 9:10:10	104.2	79.6	78.7	78.9
372	1/11/2024 9:10:12	102.3	78.7	78.2	78.4
373	1/11/2024 9:10:14	102.0	78.8	78.4	78.6
374	1/11/2024 9:10:16	104.0	79.2	78.6	79.1
375	1/11/2024 9:10:18	103.4	79.3	78.7	78.9
376	1/11/2024 9:10:20	137.3	103.0	78.8	100.4
377	1/11/2024 9:10:22	110.3	97.0	89.4	84.1
378	1/11/2024 9:10:24	105.0	89.4	83.3	80.5
379	1/11/2024 9:10:26	104.6	83.3	80.7	80.0
380	1/11/2024 9:10:28	104.8	80.7	80.3	80.3
381	1/11/2024 9:10:30	108.0	80.8	80.4	80.8
382	1/11/2024 9:10:32	105.8	80.9	79.7	79.7
383	1/11/2024 9:10:34	103.5	79.7	78.5	78.3
384	1/11/2024 9:10:36	104.1	78.8	78.4	78.7
385	1/11/2024 9:10:38	103.7	79.5	78.8	79.4
386	1/11/2024 9:10:40	107.2	79.6	79.1	79.5
387	1/11/2024 9:10:42	104.1	80.0	79.4	79.9
388	1/11/2024 9:10:44	104.4	79.8	79.1	79.1
389	1/11/2024 9:10:46	102.3	79.1	77.7	77.5
390	1/11/2024 9:10:48	105.2	77.7	77.0	77.0
391	1/11/2024 9:10:50	102.8	77.0	76.4	76.4
392	1/11/2024 9:10:52	100.8	77.3	76.4	77.0
393	1/11/2024 9:10:54	103.5	79.9	77.3	80.0
394	1/11/2024 9:10:56	104.6	79.7	78.6	78.5
395	1/11/2024 9:10:58	101.4	78.6	77.6	77.6
396	1/11/2024 9:11:00	101.8	77.8	77.5	77.8
397	1/11/2024 9:11:02	104.5	79.6	77.7	79.3
398	1/11/2024 9:11:04	103.6	80.2	79.6	80.2
399	1/11/2024 9:11:06	105.2	80.1	79.7	79.8
400	1/11/2024 9:11:08	106.4	80.4	79.7	80.2
401	1/11/2024 9:11:10	105.6	80.5	80.3	80.5
402	1/11/2024 9:11:12	105.3	80.9	80.4	80.8
403	1/11/2024 9:11:14	107.2	81.1	80.6	80.9
404	1/11/2024 9:11:16	105.3	80.8	80.3	80.3
405	1/11/2024 9:11:18	105.4	80.6	79.9	80.0
406	1/11/2024 9:11:20	106.5	80.5	79.8	80.4
407	1/11/2024 9:11:22	108.1	80.7	80.3	80.5
408	1/11/2024 9:11:24	107.2	80.6	80.0	80.1
409	1/11/2024 9:11:26	107.3	81.6	80.0	81.6
410	1/11/2024 9:11:28	108.1	81.6	80.7	80.8
411	1/11/2024 9:11:30	106.6	80.7	79.7	79.7
412	1/11/2024 9:11:32	106.2	79.7	79.1	79.1
413	1/11/2024 9:11:34	104.8	79.2	78.5	78.5
414	1/11/2024 9:11:36	102.1	78.9	78.2	78.7
415	1/11/2024 9:11:38	103.1	79.2	78.7	79.0
416	1/11/2024 9:11:40	102.7	79.0	78.1	78.1
417	1/11/2024 9:11:42	103.7	79.8	78.2	79.6
418	1/11/2024 9:11:44	106.7	82.9	79.7	83.0
419	1/11/2024 9:11:46	107.6	82.8	80.8	81.0
420	1/11/2024 9:11:48	103.5	80.8	80.0	79.9
421	1/11/2024 9:11:50	104.6	80.0	79.7	79.7
422	1/11/2024 9:11:52	104.2	79.7	78.7	78.6
423	1/11/2024 9:11:54	103.8	78.9	78.5	78.8
424	1/11/2024 9:11:56	103.1	79.2	78.8	79.2
425	1/11/2024 9:11:58	103.6	79.1	78.3	78.2
426	1/11/2024 9:12:00	104.6	79.0	78.2	78.7
427	1/11/2024 9:12:02	107.9	79.2	78.6	78.8
428	1/11/2024 9:12:04	105.2	78.7	78.1	78.3

429	1/11/2024 9:12:06	105.3	79.7	78.5	79.8
430	1/11/2024 9:12:08	105.0	79.9	79.3	79.5
431	1/11/2024 9:12:10	104.9	80.1	79.2	79.9
432	1/11/2024 9:12:12	104.5	80.4	79.9	80.0
433	1/11/2024 9:12:14	105.9	79.9	79.3	79.3
434	1/11/2024 9:12:16	105.3	80.3	79.3	80.2
435	1/11/2024 9:12:18	106.3	80.4	80.1	80.2
436	1/11/2024 9:12:20	105.3	80.1	78.9	78.9
437	1/11/2024 9:12:22	105.4	79.1	78.8	78.8
438	1/11/2024 9:12:24	103.6	79.0	78.5	78.8
439	1/11/2024 9:12:26	105.0	79.8	79.0	79.7
440	1/11/2024 9:12:28	104.0	80.0	79.4	79.8
441	1/11/2024 9:12:30	106.8	80.8	80.0	80.8
442	1/11/2024 9:12:32	103.6	80.5	79.6	79.6
443	1/11/2024 9:12:34	106.0	80.1	79.7	79.8
444	1/11/2024 9:12:36	104.8	80.0	79.6	80.0
445	1/11/2024 9:12:38	106.4	80.9	80.0	80.8
446	1/11/2024 9:12:40	106.7	81.6	80.9	81.6
447	1/11/2024 9:12:42	106.1	81.9	81.5	81.8
448	1/11/2024 9:12:44	105.9	82.0	80.9	81.1
449	1/11/2024 9:12:46	105.2	80.9	80.3	80.6
450	1/11/2024 9:12:48	106.9	82.2	80.9	82.2
451	1/11/2024 9:12:50	106.0	82.4	81.5	81.7
452	1/11/2024 9:12:52	104.2	81.6	80.6	80.6
453	1/11/2024 9:12:54	102.8	80.6	79.3	79.2
454	1/11/2024 9:12:56	103.3	79.3	77.6	77.6
455	1/11/2024 9:12:58	101.3	77.6	77.3	77.3
456	1/11/2024 9:13:00	102.5	77.4	77.2	77.3
457	1/11/2024 9:13:02	103.1	77.8	77.2	77.7
458	1/11/2024 9:13:04	102.9	77.9	77.5	77.8
459	1/11/2024 9:13:06	103.5	78.6	77.6	78.4
460	1/11/2024 9:13:08	107.3	79.9	78.4	79.7
461	1/11/2024 9:13:10	106.4	81.1	79.8	81.2
462	1/11/2024 9:13:12	106.4	81.4	81.0	81.2
463	1/11/2024 9:13:14	105.4	81.1	80.7	80.7
464	1/11/2024 9:13:16	106.2	81.1	80.7	80.9
465	1/11/2024 9:13:18	105.1	81.8	80.8	81.8
466	1/11/2024 9:13:20	106.6	81.8	81.3	81.4
467	1/11/2024 9:13:22	108.4	81.9	81.3	81.8
468	1/11/2024 9:13:24	106.4	81.9	81.2	81.4
469	1/11/2024 9:13:26	107.3	81.4	80.9	81.2
470	1/11/2024 9:13:28	106.4	81.4	81.0	81.1
471	1/11/2024 9:13:30	106.2	82.0	81.2	82.0
472	1/11/2024 9:13:32	106.5	83.4	82.0	83.4
473	1/11/2024 9:13:34	105.8	83.4	81.5	81.5
474	1/11/2024 9:13:36	107.0	81.5	80.4	80.2
475	1/11/2024 9:13:38	105.3	80.8	80.3	80.4
476	1/11/2024 9:13:40	104.2	80.3	79.1	79.1
477	1/11/2024 9:13:42	102.5	79.2	78.8	79.0
478	1/11/2024 9:13:44	104.6	79.6	79.1	79.6
479	1/11/2024 9:13:46	106.2	80.7	79.6	80.6
480	1/11/2024 9:13:48	105.3	81.5	80.7	81.5
481	1/11/2024 9:13:50	105.9	81.5	81.0	81.2
482	1/11/2024 9:13:52	106.8	81.4	80.9	80.9
483	1/11/2024 9:13:54	103.7	80.9	79.4	79.2
484	1/11/2024 9:13:56	102.8	79.6	78.5	78.8
485	1/11/2024 9:13:58	101.4	78.6	76.5	76.4
486	1/11/2024 9:14:00	101.5	76.7	76.3	76.5
487	1/11/2024 9:14:02	102.3	77.2	76.7	77.1
488	1/11/2024 9:14:04	100.7	77.0	76.5	76.6
489	1/11/2024 9:14:06	100.8	77.0	76.1	76.6
490	1/11/2024 9:14:08	101.0	76.9	76.2	76.3

491	1/11/2024 9:14:10	101.1	76.2	75.8	76.0
492	1/11/2024 9:14:12	102.0	77.1	76.0	77.0
493	1/11/2024 9:14:14	103.8	78.8	77.1	78.8
494	1/11/2024 9:14:16	104.8	80.2	78.8	80.1
495	1/11/2024 9:14:18	104.0	79.9	79.3	79.3
496	1/11/2024 9:14:20	105.7	80.2	79.5	80.2
497	1/11/2024 9:14:22	104.9	80.2	79.7	79.7
498	1/11/2024 9:14:24	104.6	79.7	79.1	79.0
499	1/11/2024 9:14:26	104.2	79.1	78.3	78.5
500	1/11/2024 9:14:28	105.8	79.5	78.6	79.3
501	1/11/2024 9:14:30	107.8	81.9	79.5	81.9
502	1/11/2024 9:14:32	110.4	83.1	81.7	83.0
503	1/11/2024 9:14:34	110.9	83.0	81.9	82.0
504	1/11/2024 9:14:36	109.3	82.2	81.8	82.0
505	1/11/2024 9:14:38	106.7	81.9	81.2	81.2
506	1/11/2024 9:14:40	105.5	81.4	80.1	79.9
507	1/11/2024 9:14:42	103.2	80.1	78.6	78.4
508	1/11/2024 9:14:44	102.6	78.8	78.0	78.4
509	1/11/2024 9:14:46	103.7	79.9	78.8	79.8
510	1/11/2024 9:14:48	107.7	80.5	79.8	80.4
511	1/11/2024 9:14:50	105.9	80.7	80.2	80.7
512	1/11/2024 9:14:52	106.2	81.1	80.6	80.9
513	1/11/2024 9:14:54	105.5	80.9	80.3	80.3
514	1/11/2024 9:14:56	105.8	80.3	79.7	79.7
515	1/11/2024 9:14:58	104.3	79.7	79.1	79.0
516	1/11/2024 9:15:00	104.6	79.5	79.1	79.5
517	1/11/2024 9:15:02	103.7	79.5	78.6	78.6
518	1/11/2024 9:15:04	102.3	78.6	77.6	77.6
519	1/11/2024 9:15:06	102.4	78.3	77.6	78.3
520	1/11/2024 9:15:08	105.7	78.8	78.2	78.8
521	1/11/2024 9:15:10	105.4	80.5	78.6	80.3
522	1/11/2024 9:15:12	106.6	81.2	80.5	81.0
523	1/11/2024 9:15:14	107.4	81.1	80.6	81.1
524	1/11/2024 9:15:16	105.9	81.3	80.6	80.7
525	1/11/2024 9:15:18	106.3	80.9	80.3	80.3
526	1/11/2024 9:15:20	105.5	80.4	79.9	80.0
527	1/11/2024 9:15:22	105.8	80.9	80.0	80.4
528	1/11/2024 9:15:24	103.3	80.0	78.4	78.1
529	1/11/2024 9:15:26	105.3	78.8	78.3	78.8
530	1/11/2024 9:15:28	104.4	79.7	78.8	79.7
531	1/11/2024 9:15:30	103.7	80.3	79.7	80.3
532	1/11/2024 9:15:32	105.6	80.3	79.7	79.8
533	1/11/2024 9:15:34	106.3	79.7	79.2	79.2
534	1/11/2024 9:15:36	105.7	79.4	79.0	79.2
535	1/11/2024 9:15:38	105.1	79.4	78.6	78.8
536	1/11/2024 9:15:40	106.0	78.6	78.0	78.2
537	1/11/2024 9:15:42	105.9	80.0	78.3	79.7
538	1/11/2024 9:15:44	108.2	81.9	79.9	81.8
539	1/11/2024 9:15:46	109.6	82.8	81.8	82.5
540	1/11/2024 9:15:48	106.0	82.2	79.3	79.0
541	1/11/2024 9:15:50	104.0	79.3	78.6	78.5
542	1/11/2024 9:15:52	105.2	79.3	78.6	79.1
543	1/11/2024 9:15:54	104.3	80.7	79.2	80.7
544	1/11/2024 9:15:56	106.8	80.4	79.7	79.7
545	1/11/2024 9:15:58	105.5	80.0	79.6	79.9
546	1/11/2024 9:16:00	106.2	80.8	79.9	80.7
547	1/11/2024 9:16:02	106.5	80.8	80.2	80.4
548	1/11/2024 9:16:04	102.3	80.3	79.2	79.2
549	1/11/2024 9:16:06	103.0	79.4	78.4	78.4
550	1/11/2024 9:16:08	102.7	78.5	78.0	78.2
551	1/11/2024 9:16:10	104.9	78.9	78.3	78.9
552	1/11/2024 9:16:12	102.3	78.7	77.9	78.0

553	1/11/2024 9:16:14	105.8	78.3	78.0	78.1
554	1/11/2024 9:16:16	102.7	78.1	77.5	77.7
555	1/11/2024 9:16:18	100.7	77.9	76.8	76.8
556	1/11/2024 9:16:20	103.5	76.8	76.3	76.3
557	1/11/2024 9:16:22	105.1	78.5	76.4	78.1
558	1/11/2024 9:16:24	106.1	79.4	78.4	79.0
559	1/11/2024 9:16:26	103.5	79.4	78.3	79.2
560	1/11/2024 9:16:28	105.4	80.4	79.4	80.3
561	1/11/2024 9:16:30	105.5	80.3	79.8	79.9
562	1/11/2024 9:16:32	105.7	80.6	79.5	80.3
563	1/11/2024 9:16:34	107.7	82.5	80.6	82.6
564	1/11/2024 9:16:36	126.8	92.1	82.5	89.7
565	1/11/2024 9:16:38	106.1	86.2	81.4	80.1
566	1/11/2024 9:16:40	106.0	81.4	80.0	79.7
567	1/11/2024 9:16:42	105.3	80.0	79.4	79.4
568	1/11/2024 9:16:44	104.6	79.6	79.2	79.2
569	1/11/2024 9:16:46	105.4	80.6	79.3	80.6
570	1/11/2024 9:16:48	106.0	81.6	80.5	81.6
571	1/11/2024 9:16:50	105.2	81.7	80.3	80.3
572	1/11/2024 9:16:52	104.7	80.4	78.6	78.8
573	1/11/2024 9:16:54	102.7	78.6	76.7	76.6
574	1/11/2024 9:16:56	103.6	77.4	76.7	77.3
575	1/11/2024 9:16:58	103.3	78.0	77.3	78.0
576	1/11/2024 9:17:00	106.3	78.0	77.4	77.4
577	1/11/2024 9:17:02	103.5	78.3	77.4	78.2
578	1/11/2024 9:17:04	104.7	79.2	78.2	79.1
579	1/11/2024 9:17:06	105.8	79.8	79.2	79.7
580	1/11/2024 9:17:08	103.7	79.6	78.9	79.0
581	1/11/2024 9:17:10	104.0	79.9	78.9	79.8
582	1/11/2024 9:17:12	107.2	80.7	79.8	80.6
583	1/11/2024 9:17:14	107.4	81.7	80.7	81.5
584	1/11/2024 9:17:16	104.5	81.2	80.1	80.0
585	1/11/2024 9:17:18	105.4	80.1	79.6	79.6
586	1/11/2024 9:17:20	104.3	79.8	79.0	79.1
587	1/11/2024 9:17:22	104.2	79.1	78.6	78.6
588	1/11/2024 9:17:24	133.6	97.6	78.2	94.8
589	1/11/2024 9:17:26	106.6	94.1	86.7	81.5
590	1/11/2024 9:17:28	107.9	86.7	83.0	81.8
591	1/11/2024 9:17:30	107.0	83.0	82.0	82.0
592	1/11/2024 9:17:32	106.3	82.0	80.6	80.5
593	1/11/2024 9:17:34	105.5	80.7	79.5	79.4
594	1/11/2024 9:17:36	106.3	80.2	79.3	80.1
595	1/11/2024 9:17:38	106.2	80.6	80.0	80.5
596	1/11/2024 9:17:40	105.9	81.3	80.4	81.1
597	1/11/2024 9:17:42	110.5	84.4	81.2	83.4
598	1/11/2024 9:17:44	106.1	83.0	80.9	80.8
599	1/11/2024 9:17:46	105.8	81.3	79.7	80.0
600	1/11/2024 9:17:48	105.1	79.9	79.7	79.8
601	1/11/2024 9:17:50	138.1	104.9	79.7	102.3

STA4 - Logger results

No.	Date & time	P1 - Profile1 LCpeak (TH) [dB]	P1 - Profile1 (A, Slow) LASmax (TH) [dB]	P1 - Profile1 (A, Slow) LASmin (TH) [dB]	P1 - Profile1 (A, Lin) LAeq (TH) [dB]
1	1/11/2024 9:24:02	86.5	66.3	65.3	66.4
2	1/11/2024 9:24:04	85.3	66.2	65.6	65.6
3	1/11/2024 9:24:06	84.3	66.0	65.7	65.9
4	1/11/2024 9:24:08	84.3	66.6	65.8	66.5
5	1/11/2024 9:24:10	86.1	66.5	65.7	65.7
6	1/11/2024 9:24:12	85.5	66.0	65.7	65.8
7	1/11/2024 9:24:14	84.6	66.2	65.8	66.1
8	1/11/2024 9:24:16	86.9	66.2	65.7	66.0
9	1/11/2024 9:24:18	85.4	66.9	66.0	66.9
10	1/11/2024 9:24:20	87.8	67.0	66.5	66.7
11	1/11/2024 9:24:22	87.5	66.5	66.2	66.3
12	1/11/2024 9:24:24	87.8	66.4	65.9	65.9
13	1/11/2024 9:24:26	87.7	66.1	65.8	65.9
14	1/11/2024 9:24:28	87.9	66.0	65.3	65.3
15	1/11/2024 9:24:30	85.8	65.5	64.9	65.0
16	1/11/2024 9:24:32	85.9	64.9	64.5	64.5
17	1/11/2024 9:24:34	86.4	65.1	64.5	65.0
18	1/11/2024 9:24:36	88.0	65.3	64.8	64.9
19	1/11/2024 9:24:38	87.4	64.8	64.4	64.4
20	1/11/2024 9:24:40	87.5	64.5	64.0	64.1
21	1/11/2024 9:24:42	85.6	64.3	64.0	64.3
22	1/11/2024 9:24:44	86.5	64.2	63.6	63.6
23	1/11/2024 9:24:46	86.3	64.3	63.7	64.3
24	1/11/2024 9:24:48	85.8	64.3	63.8	63.9
25	1/11/2024 9:24:50	92.2	65.0	63.6	64.4
26	1/11/2024 9:24:52	85.1	64.6	63.8	63.8
27	1/11/2024 9:24:54	87.0	65.4	63.8	64.8
28	1/11/2024 9:24:56	85.4	64.5	63.9	63.9
29	1/11/2024 9:24:58	87.6	65.0	64.0	64.8
30	1/11/2024 9:25:00	88.3	66.1	65.0	66.2
31	1/11/2024 9:25:02	86.8	66.0	65.0	65.3
32	1/11/2024 9:25:04	83.9	65.3	63.8	63.5
33	1/11/2024 9:25:06	85.0	64.2	63.6	64.1
34	1/11/2024 9:25:08	86.1	64.3	64.0	64.2
35	1/11/2024 9:25:10	84.1	64.3	64.1	64.1
36	1/11/2024 9:25:12	84.3	64.4	64.0	64.3
37	1/11/2024 9:25:14	84.0	64.4	63.9	63.9
38	1/11/2024 9:25:16	83.5	64.0	63.7	63.9
39	1/11/2024 9:25:18	83.8	64.0	63.8	63.9
40	1/11/2024 9:25:20	83.3	64.0	63.7	63.7
41	1/11/2024 9:25:22	82.4	63.7	63.0	63.0
42	1/11/2024 9:25:24	84.6	63.0	62.0	61.9
43	1/11/2024 9:25:26	88.0	63.5	62.1	63.4
44	1/11/2024 9:25:28	85.9	63.6	63.4	63.4
45	1/11/2024 9:25:30	83.8	63.4	62.3	62.4
46	1/11/2024 9:25:32	83.6	62.5	62.0	62.2
47	1/11/2024 9:25:34	85.2	63.3	62.5	63.4
48	1/11/2024 9:25:36	84.8	63.5	63.0	63.1
49	1/11/2024 9:25:38	83.5	63.0	62.2	62.2
50	1/11/2024 9:25:40	83.7	62.2	61.7	61.6
51	1/11/2024 9:25:42	83.9	62.0	61.7	62.0
52	1/11/2024 9:25:44	82.3	62.2	61.9	62.2
53	1/11/2024 9:25:46	82.3	62.0	61.7	61.9
54	1/11/2024 9:25:48	83.3	62.5	62.0	62.4
55	1/11/2024 9:25:50	83.8	63.0	62.5	63.0
56	1/11/2024 9:25:52	84.3	62.9	62.4	62.3

57	1/11/2024 9:25:54	84.5	62.4	61.6	61.5
58	1/11/2024 9:25:56	84.4	61.8	61.6	61.6
59	1/11/2024 9:25:58	84.9	61.9	61.5	61.6
60	1/11/2024 9:26:00	85.5	61.6	61.4	61.4
61	1/11/2024 9:26:02	87.4	61.4	61.0	61.1
62	1/11/2024 9:26:04	85.0	61.0	60.5	60.5
63	1/11/2024 9:26:06	89.5	60.7	60.4	60.4
64	1/11/2024 9:26:08	85.2	60.6	60.4	60.6
65	1/11/2024 9:26:10	85.9	62.5	60.6	62.5
66	1/11/2024 9:26:12	86.3	62.6	62.1	62.3
67	1/11/2024 9:26:14	88.5	65.0	62.4	64.9
68	1/11/2024 9:26:16	90.3	64.8	64.0	64.2
69	1/11/2024 9:26:18	93.5	64.0	62.8	62.8
70	1/11/2024 9:26:20	92.9	64.3	63.1	64.2
71	1/11/2024 9:26:22	91.9	66.0	64.3	66.0
72	1/11/2024 9:26:24	91.3	66.4	65.3	65.7
73	1/11/2024 9:26:26	91.3	65.3	63.7	63.5
74	1/11/2024 9:26:28	89.2	63.7	62.4	62.2
75	1/11/2024 9:26:30	88.5	63.6	62.4	63.6
76	1/11/2024 9:26:32	88.9	63.7	63.3	63.4
77	1/11/2024 9:26:34	88.5	63.8	63.4	63.8
78	1/11/2024 9:26:36	87.5	63.7	63.2	63.3
79	1/11/2024 9:26:38	87.0	63.3	62.8	62.7
80	1/11/2024 9:26:40	88.8	63.1	62.8	63.2
81	1/11/2024 9:26:42	88.5	63.2	62.8	62.9
82	1/11/2024 9:26:44	86.9	62.9	62.2	62.2
83	1/11/2024 9:26:46	88.1	62.9	62.2	62.9
84	1/11/2024 9:26:48	88.1	63.4	62.9	63.3
85	1/11/2024 9:26:50	88.5	63.3	62.5	62.5
86	1/11/2024 9:26:52	86.3	62.5	61.7	61.7
87	1/11/2024 9:26:54	85.6	61.9	61.5	61.7
88	1/11/2024 9:26:56	85.3	62.2	61.9	62.1
89	1/11/2024 9:26:58	85.2	62.8	62.1	62.7
90	1/11/2024 9:27:00	86.0	63.0	62.6	62.9
91	1/11/2024 9:27:02	85.5	63.0	62.8	62.9
92	1/11/2024 9:27:04	84.6	62.9	62.7	62.8
93	1/11/2024 9:27:06	85.0	62.8	62.3	62.2
94	1/11/2024 9:27:08	83.8	62.3	61.6	61.4
95	1/11/2024 9:27:10	82.3	61.6	60.9	60.9
96	1/11/2024 9:27:12	84.2	61.0	60.7	60.8
97	1/11/2024 9:27:14	82.3	61.7	60.7	61.5
98	1/11/2024 9:27:16	84.3	63.9	61.7	64.0
99	1/11/2024 9:27:18	84.5	64.3	63.8	64.2
100	1/11/2024 9:27:20	84.1	64.9	64.2	64.9
101	1/11/2024 9:27:22	87.8	67.9	64.8	67.7
102	1/11/2024 9:27:24	86.2	67.9	66.0	66.1
103	1/11/2024 9:27:26	85.0	66.0	63.7	63.5
104	1/11/2024 9:27:28	84.9	63.7	63.3	63.3
105	1/11/2024 9:27:30	85.5	63.3	62.1	62.0
106	1/11/2024 9:27:32	84.7	63.2	62.3	63.2
107	1/11/2024 9:27:34	85.8	63.1	62.6	62.6
108	1/11/2024 9:27:36	85.8	62.7	62.4	62.5
109	1/11/2024 9:27:38	83.9	62.5	61.5	61.5
110	1/11/2024 9:27:40	81.8	61.5	59.9	59.9
111	1/11/2024 9:27:42	83.0	60.0	58.7	58.6
112	1/11/2024 9:27:44	82.8	59.8	58.8	59.7
113	1/11/2024 9:27:46	82.8	61.6	59.7	61.6
114	1/11/2024 9:27:48	82.6	61.7	61.5	61.5
115	1/11/2024 9:27:50	82.1	61.5	61.0	61.0
116	1/11/2024 9:27:52	80.8	61.3	60.9	61.2
117	1/11/2024 9:27:54	83.0	61.7	61.2	61.7
118	1/11/2024 9:27:56	83.0	62.2	61.6	62.0

119	1/11/2024 9:27:58	83.0	62.0	61.8	61.8
120	1/11/2024 9:28:00	83.6	61.9	61.4	61.5
121	1/11/2024 9:28:02	86.3	61.9	61.5	61.8
122	1/11/2024 9:28:04	88.4	61.9	61.5	61.6
123	1/11/2024 9:28:06	88.6	61.8	61.1	61.5
124	1/11/2024 9:28:08	86.3	62.1	61.6	61.8
125	1/11/2024 9:28:10	85.3	61.8	61.5	61.6
126	1/11/2024 9:28:12	88.8	62.7	61.6	62.5
127	1/11/2024 9:28:14	87.1	62.8	62.4	62.5
128	1/11/2024 9:28:16	91.2	62.4	61.1	60.9
129	1/11/2024 9:28:18	91.1	61.1	60.5	60.5
130	1/11/2024 9:28:20	88.6	61.1	60.5	61.1
131	1/11/2024 9:28:22	85.5	61.6	61.0	61.6
132	1/11/2024 9:28:24	84.2	62.3	61.6	62.4
133	1/11/2024 9:28:26	83.9	62.3	61.5	61.5
134	1/11/2024 9:28:28	84.6	62.2	61.5	62.1
135	1/11/2024 9:28:30	86.0	62.1	61.2	61.1
136	1/11/2024 9:28:32	83.8	61.2	60.6	60.6
137	1/11/2024 9:28:34	84.3	60.8	60.5	60.7
138	1/11/2024 9:28:36	84.7	61.2	60.8	61.2
139	1/11/2024 9:28:38	84.6	61.3	60.3	60.4
140	1/11/2024 9:28:40	83.6	60.3	60.0	60.1
141	1/11/2024 9:28:42	83.2	60.0	59.5	59.5
142	1/11/2024 9:28:44	82.6	59.8	59.5	59.6
143	1/11/2024 9:28:46	85.1	60.6	59.6	60.6
144	1/11/2024 9:28:48	84.7	61.5	60.6	61.6
145	1/11/2024 9:28:50	84.1	61.6	61.3	61.4
146	1/11/2024 9:28:52	84.3	61.5	61.2	61.5
147	1/11/2024 9:28:54	85.3	62.2	61.5	62.3
148	1/11/2024 9:28:56	83.7	62.2	62.0	62.0
149	1/11/2024 9:28:58	84.3	62.0	61.4	61.4
150	1/11/2024 9:29:00	82.6	61.4	60.8	60.8
151	1/11/2024 9:29:02	84.9	61.1	60.9	61.0
152	1/11/2024 9:29:04	86.4	61.0	60.3	60.5
153	1/11/2024 9:29:06	89.4	61.3	60.8	61.3
154	1/11/2024 9:29:08	90.1	61.4	61.1	61.2
155	1/11/2024 9:29:10	84.9	61.9	61.1	61.8
156	1/11/2024 9:29:12	85.9	62.6	61.9	62.6
157	1/11/2024 9:29:14	85.8	63.2	62.5	63.2
158	1/11/2024 9:29:16	84.9	63.1	62.5	62.4
159	1/11/2024 9:29:18	84.2	62.6	62.3	62.5
160	1/11/2024 9:29:20	82.7	63.0	62.5	62.9
161	1/11/2024 9:29:22	84.2	63.0	62.8	62.9
162	1/11/2024 9:29:24	83.3	62.9	62.1	62.1
163	1/11/2024 9:29:26	82.9	62.1	61.6	61.7
164	1/11/2024 9:29:28	85.3	62.5	62.0	62.4
165	1/11/2024 9:29:30	86.2	62.1	61.7	61.7
166	1/11/2024 9:29:32	86.8	61.9	61.7	61.8
167	1/11/2024 9:29:34	85.4	62.0	61.7	61.9
168	1/11/2024 9:29:36	86.0	62.4	61.9	62.4
169	1/11/2024 9:29:38	83.8	62.4	61.8	61.9
170	1/11/2024 9:29:40	83.1	61.9	61.7	61.7
171	1/11/2024 9:29:42	84.2	62.4	61.7	62.3
172	1/11/2024 9:29:44	82.5	62.4	62.0	62.1
173	1/11/2024 9:29:46	82.4	62.1	61.4	61.3
174	1/11/2024 9:29:48	84.4	62.2	61.4	62.1
175	1/11/2024 9:29:50	85.0	63.2	62.2	63.2
176	1/11/2024 9:29:52	84.9	63.6	63.2	63.6
177	1/11/2024 9:29:54	83.8	63.6	63.4	63.4
178	1/11/2024 9:29:56	83.8	63.5	63.0	63.0
179	1/11/2024 9:29:58	84.5	63.4	62.9	63.2
180	1/11/2024 9:30:00	87.5	64.1	63.2	63.7

181	1/11/2024 9:30:02	86.8	63.6	62.7	63.1
182	1/11/2024 9:30:04	86.1	63.4	62.0	62.0
183	1/11/2024 9:30:06	83.7	62.1	61.5	61.5
184	1/11/2024 9:30:08	86.6	63.6	61.5	63.4
185	1/11/2024 9:30:10	89.5	65.8	63.6	65.4
186	1/11/2024 9:30:12	95.8	71.3	64.6	70.8
187	1/11/2024 9:30:14	94.8	72.0	69.2	70.0
188	1/11/2024 9:30:16	90.2	69.3	66.6	66.3
189	1/11/2024 9:30:18	88.4	66.6	64.2	63.7
190	1/11/2024 9:30:20	86.1	64.2	63.2	63.1
191	1/11/2024 9:30:22	85.0	63.3	63.0	63.1
192	1/11/2024 9:30:24	87.7	63.2	62.8	62.9
193	1/11/2024 9:30:26	86.0	63.6	62.9	63.5
194	1/11/2024 9:30:28	86.1	63.8	63.6	63.7
195	1/11/2024 9:30:30	88.0	63.8	63.3	63.4
196	1/11/2024 9:30:32	83.7	63.3	62.7	62.7
197	1/11/2024 9:30:34	82.8	63.0	62.6	62.9
198	1/11/2024 9:30:36	83.2	63.3	62.9	63.1
199	1/11/2024 9:30:38	82.4	63.0	62.2	62.2
200	1/11/2024 9:30:40	82.5	62.3	61.5	61.5
201	1/11/2024 9:30:42	81.9	61.8	61.6	61.7
202	1/11/2024 9:30:44	84.1	62.5	61.7	62.4
203	1/11/2024 9:30:46	81.9	62.7	62.4	62.5
204	1/11/2024 9:30:48	83.1	62.4	61.5	61.3
205	1/11/2024 9:30:50	82.7	61.5	61.1	61.3
206	1/11/2024 9:30:52	84.0	62.0	61.3	61.9
207	1/11/2024 9:30:54	85.3	63.6	62.0	63.6
208	1/11/2024 9:30:56	86.0	64.3	63.6	64.3
209	1/11/2024 9:30:58	84.1	64.5	64.2	64.3
210	1/11/2024 9:31:00	85.4	64.2	63.8	63.8
211	1/11/2024 9:31:02	83.8	63.9	63.1	63.3
212	1/11/2024 9:31:04	85.2	63.1	62.5	62.5
213	1/11/2024 9:31:06	87.3	64.5	62.6	64.3
214	1/11/2024 9:31:08	85.6	64.5	63.5	63.5
215	1/11/2024 9:31:10	86.8	63.5	62.9	62.9
216	1/11/2024 9:31:12	86.4	63.0	62.8	62.8
217	1/11/2024 9:31:14	86.2	63.3	62.9	63.2
218	1/11/2024 9:31:16	85.7	63.2	62.8	62.8
219	1/11/2024 9:31:18	84.1	62.9	62.5	62.6
220	1/11/2024 9:31:20	83.6	62.8	62.1	62.1
221	1/11/2024 9:31:22	83.7	62.1	62.0	62.1
222	1/11/2024 9:31:24	85.1	63.4	62.0	63.4
223	1/11/2024 9:31:26	87.9	64.8	63.3	64.9
224	1/11/2024 9:31:28	87.4	65.2	64.7	65.0
225	1/11/2024 9:31:30	90.3	66.9	64.7	66.7
226	1/11/2024 9:31:32	87.2	66.8	65.0	64.7
227	1/11/2024 9:31:34	87.7	67.7	65.2	67.2
228	1/11/2024 9:31:36	86.0	67.5	65.2	64.9
229	1/11/2024 9:31:38	85.1	65.2	63.8	63.5
230	1/11/2024 9:31:40	84.8	63.8	63.4	63.4
231	1/11/2024 9:31:42	83.5	63.8	63.4	63.7
232	1/11/2024 9:31:44	84.5	63.8	63.2	63.2
233	1/11/2024 9:31:46	85.7	63.2	62.7	62.7
234	1/11/2024 9:31:48	83.3	62.7	62.0	62.0
235	1/11/2024 9:31:50	83.5	62.2	62.0	62.1
236	1/11/2024 9:31:52	84.3	62.5	62.1	62.3
237	1/11/2024 9:31:54	84.3	62.1	61.0	61.0
238	1/11/2024 9:31:56	82.8	61.6	61.1	61.4
239	1/11/2024 9:31:58	82.3	61.2	60.9	60.8
240	1/11/2024 9:32:00	84.5	61.1	60.8	61.0
241	1/11/2024 9:32:02	84.4	62.0	61.0	61.8
242	1/11/2024 9:32:04	86.0	62.6	62.0	62.7

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243	1/11/2024 9:32:06	87.1	63.8	62.6	63.6
244	1/11/2024 9:32:08	86.9	64.1	63.7	63.8
245	1/11/2024 9:32:10	84.8	63.7	63.1	63.1
246	1/11/2024 9:32:12	83.1	63.4	62.1	62.3
247	1/11/2024 9:32:14	84.8	62.1	61.8	61.8
248	1/11/2024 9:32:16	84.0	62.0	61.8	61.8
249	1/11/2024 9:32:18	83.4	61.8	61.2	61.2
250	1/11/2024 9:32:20	84.0	61.4	61.1	61.2
251	1/11/2024 9:32:22	84.7	61.6	61.2	61.5
252	1/11/2024 9:32:24	83.6	62.0	61.3	61.9
253	1/11/2024 9:32:26	86.3	62.7	61.9	62.6
254	1/11/2024 9:32:28	84.8	62.5	62.3	62.4
255	1/11/2024 9:32:30	87.9	62.6	62.4	62.5
256	1/11/2024 9:32:32	87.2	63.2	62.5	63.2
257	1/11/2024 9:32:34	85.6	63.1	62.7	62.7
258	1/11/2024 9:32:36	85.2	62.8	62.5	62.7
259	1/11/2024 9:32:38	84.6	62.8	61.9	62.0
260	1/11/2024 9:32:40	85.8	61.9	61.7	61.7
261	1/11/2024 9:32:42	87.7	62.0	61.7	61.9
262	1/11/2024 9:32:44	87.0	62.3	62.0	62.1
263	1/11/2024 9:32:46	89.4	62.2	61.2	61.3
264	1/11/2024 9:32:48	86.8	61.3	60.8	60.8
265	1/11/2024 9:32:50	86.7	61.5	60.8	61.5
266	1/11/2024 9:32:52	86.1	62.1	61.5	62.0
267	1/11/2024 9:32:54	89.8	61.8	61.4	61.4
268	1/11/2024 9:32:56	89.0	61.6	61.4	61.6
269	1/11/2024 9:32:58	86.4	61.6	61.4	61.5
270	1/11/2024 9:33:00	86.7	62.3	61.5	62.3
271	1/11/2024 9:33:02	89.2	63.2	62.3	63.1
272	1/11/2024 9:33:04	88.2	63.9	63.2	64.0
273	1/11/2024 9:33:06	88.8	63.8	63.2	63.1
274	1/11/2024 9:33:08	89.1	63.2	62.9	62.9
275	1/11/2024 9:33:10	89.8	63.0	62.6	62.6
276	1/11/2024 9:33:12	88.0	62.6	61.5	61.4
277	1/11/2024 9:33:14	86.0	61.8	61.5	61.7
278	1/11/2024 9:33:16	86.8	62.0	61.7	61.8
279	1/11/2024 9:33:18	85.0	62.1	61.7	61.9
280	1/11/2024 9:33:20	86.3	62.2	61.6	62.0
281	1/11/2024 9:33:22	86.9	62.1	61.0	61.1
282	1/11/2024 9:33:24	86.6	61.0	60.5	60.5
283	1/11/2024 9:33:26	85.8	61.1	60.7	61.1
284	1/11/2024 9:33:28	85.5	61.6	61.0	61.5
285	1/11/2024 9:33:30	85.3	62.1	61.5	62.0
286	1/11/2024 9:33:32	87.3	62.6	62.1	62.6
287	1/11/2024 9:33:34	85.5	62.9	62.5	62.8
288	1/11/2024 9:33:36	85.2	62.6	62.3	62.4
289	1/11/2024 9:33:38	86.9	62.5	62.2	62.3
290	1/11/2024 9:33:40	83.9	62.5	61.8	61.8
291	1/11/2024 9:33:42	83.8	61.8	61.6	61.7
292	1/11/2024 9:33:44	86.8	62.1	61.7	62.1
293	1/11/2024 9:33:46	87.2	63.0	62.0	63.0
294	1/11/2024 9:33:48	88.2	64.1	63.0	64.2
295	1/11/2024 9:33:50	87.8	64.2	64.0	64.1
296	1/11/2024 9:33:52	85.4	64.0	63.8	63.8
297	1/11/2024 9:33:54	88.6	64.0	63.3	63.4
298	1/11/2024 9:33:56	85.5	63.3	62.6	62.5
299	1/11/2024 9:33:58	88.0	62.7	62.5	62.6
300	1/11/2024 9:34:00	87.3	62.6	62.3	62.3
301	1/11/2024 9:34:02	84.7	62.3	61.7	61.6
302	1/11/2024 9:34:04	83.2	62.1	61.7	62.0
303	1/11/2024 9:34:06	83.4	62.3	62.0	62.3
304	1/11/2024 9:34:08	83.7	62.5	62.1	62.4

305	1/11/2024 9:34:10	86.2	62.5	62.2	62.3
306	1/11/2024 9:34:12	85.3	63.2	62.3	63.2
307	1/11/2024 9:34:14	84.1	63.7	63.2	63.7
308	1/11/2024 9:34:16	84.8	63.7	62.7	62.8
309	1/11/2024 9:34:18	83.5	62.7	62.1	62.1
310	1/11/2024 9:34:20	84.1	62.5	62.3	62.4
311	1/11/2024 9:34:22	83.4	63.1	62.5	63.1
312	1/11/2024 9:34:24	84.0	63.2	62.8	62.8
313	1/11/2024 9:34:26	82.8	62.9	62.2	62.3
314	1/11/2024 9:34:28	82.9	62.2	61.6	61.6
315	1/11/2024 9:34:30	84.6	61.9	61.4	61.6
316	1/11/2024 9:34:32	81.7	61.4	60.6	60.6
317	1/11/2024 9:34:34	85.8	60.9	60.5	60.7
318	1/11/2024 9:34:36	82.5	60.6	59.8	59.9
319	1/11/2024 9:34:38	82.1	60.1	59.5	59.9
320	1/11/2024 9:34:40	82.5	62.0	60.1	61.9
321	1/11/2024 9:34:42	83.7	62.7	61.9	62.7
322	1/11/2024 9:34:44	84.1	63.7	62.7	63.8
323	1/11/2024 9:34:46	83.9	63.9	63.0	63.2
324	1/11/2024 9:34:48	82.8	63.0	62.1	62.0
325	1/11/2024 9:34:50	84.5	62.7	62.0	62.7
326	1/11/2024 9:34:52	86.4	65.1	62.7	64.9
327	1/11/2024 9:34:54	90.8	68.8	65.1	69.1
328	1/11/2024 9:34:56	86.7	68.6	65.5	65.0
329	1/11/2024 9:34:58	85.4	65.5	64.3	64.2
330	1/11/2024 9:35:00	85.5	64.3	64.0	64.0
331	1/11/2024 9:35:02	85.8	64.3	63.6	63.9
332	1/11/2024 9:35:04	84.5	63.7	62.9	62.9
333	1/11/2024 9:35:06	83.0	62.9	62.4	62.4
334	1/11/2024 9:35:08	86.3	63.1	62.5	63.1
335	1/11/2024 9:35:10	86.8	63.2	62.6	62.7
336	1/11/2024 9:35:12	86.0	63.0	62.7	62.9
337	1/11/2024 9:35:14	84.5	63.4	62.6	63.2
338	1/11/2024 9:35:16	84.0	63.5	63.1	63.3
339	1/11/2024 9:35:18	84.7	63.2	62.3	62.4
340	1/11/2024 9:35:20	82.5	62.3	60.7	60.6
341	1/11/2024 9:35:22	82.1	60.7	60.4	60.4
342	1/11/2024 9:35:24	83.9	61.3	60.5	61.4
343	1/11/2024 9:35:26	85.1	62.1	61.3	62.0
344	1/11/2024 9:35:28	85.8	63.0	62.0	62.9
345	1/11/2024 9:35:30	86.2	63.2	63.0	63.2
346	1/11/2024 9:35:32	85.7	63.3	62.7	62.8
347	1/11/2024 9:35:34	83.0	62.7	62.0	62.0
348	1/11/2024 9:35:36	82.8	62.2	61.9	62.1
349	1/11/2024 9:35:38	83.7	62.8	62.2	62.7
350	1/11/2024 9:35:40	84.5	62.8	62.5	62.5
351	1/11/2024 9:35:42	86.2	62.5	61.8	61.8
352	1/11/2024 9:35:44	86.4	61.9	61.3	61.2
353	1/11/2024 9:35:46	85.8	61.7	61.2	61.6
354	1/11/2024 9:35:48	84.8	62.6	61.5	62.6
355	1/11/2024 9:35:50	85.6	63.2	62.5	63.0
356	1/11/2024 9:35:52	85.7	63.6	63.2	63.6
357	1/11/2024 9:35:54	87.2	63.6	63.3	63.4
358	1/11/2024 9:35:56	87.0	63.5	62.9	62.9
359	1/11/2024 9:35:58	87.0	63.0	62.1	62.0
360	1/11/2024 9:36:00	87.3	62.2	62.0	62.1
361	1/11/2024 9:36:02	85.1	62.3	62.0	62.1
362	1/11/2024 9:36:04	85.5	62.5	62.0	62.5
363	1/11/2024 9:36:06	86.3	63.0	62.4	63.0
364	1/11/2024 9:36:08	85.5	62.9	62.2	62.4
365	1/11/2024 9:36:10	96.8	64.1	61.5	63.0
366	1/11/2024 9:36:12	83.8	63.5	61.6	61.2

367	1/11/2024 9:36:14	83.5	61.9	61.5	61.8
368	1/11/2024 9:36:16	83.7	62.3	61.7	62.1
369	1/11/2024 9:36:18	84.3	63.0	62.3	63.1
370	1/11/2024 9:36:20	87.2	63.0	62.6	62.7
371	1/11/2024 9:36:22	86.6	63.7	62.7	63.8
372	1/11/2024 9:36:24	86.6	63.8	63.5	63.6
373	1/11/2024 9:36:26	88.7	64.0	63.5	63.6
374	1/11/2024 9:36:28	88.6	63.5	62.6	62.6
375	1/11/2024 9:36:30	86.1	62.6	61.6	61.5
376	1/11/2024 9:36:32	85.2	62.4	61.7	62.4
377	1/11/2024 9:36:34	84.0	63.0	62.4	63.1
378	1/11/2024 9:36:36	84.8	63.0	62.4	62.4
379	1/11/2024 9:36:38	85.6	62.4	62.0	62.1
380	1/11/2024 9:36:40	87.7	63.1	62.2	63.0
381	1/11/2024 9:36:42	87.0	63.1	62.8	63.0
382	1/11/2024 9:36:44	85.2	63.1	62.7	62.7
383	1/11/2024 9:36:46	84.6	62.8	62.4	62.4
384	1/11/2024 9:36:48	83.9	62.5	62.2	62.3
385	1/11/2024 9:36:50	86.6	63.1	62.3	63.1
386	1/11/2024 9:36:52	86.0	64.2	63.1	64.1
387	1/11/2024 9:36:54	85.3	64.7	64.2	64.7
388	1/11/2024 9:36:56	84.2	64.7	64.1	64.2
389	1/11/2024 9:36:58	84.2	64.1	63.7	63.8
390	1/11/2024 9:37:00	85.8	63.8	63.7	63.8
391	1/11/2024 9:37:02	85.1	64.0	63.6	63.8
392	1/11/2024 9:37:04	86.0	63.8	63.5	63.7
393	1/11/2024 9:37:06	84.3	63.8	63.1	63.1
394	1/11/2024 9:37:08	87.0	63.3	63.1	63.2
395	1/11/2024 9:37:10	86.2	63.3	63.1	63.2
396	1/11/2024 9:37:12	85.9	63.3	62.7	62.8
397	1/11/2024 9:37:14	85.8	62.7	62.5	62.5
398	1/11/2024 9:37:16	87.4	63.0	62.3	63.0
399	1/11/2024 9:37:18	86.7	63.2	62.7	62.8
400	1/11/2024 9:37:20	87.8	62.7	62.0	61.9
401	1/11/2024 9:37:22	86.4	62.9	62.1	62.8
402	1/11/2024 9:37:24	84.5	63.0	62.8	62.9
403	1/11/2024 9:37:26	86.0	63.4	62.9	63.4
404	1/11/2024 9:37:28	85.9	63.5	63.3	63.4
405	1/11/2024 9:37:30	87.0	63.5	63.1	63.1
406	1/11/2024 9:37:32	87.3	63.7	63.3	63.6
407	1/11/2024 9:37:34	88.8	66.5	63.7	66.1
408	1/11/2024 9:37:36	93.2	68.7	66.5	68.8
409	1/11/2024 9:37:38	90.1	68.3	65.8	65.5
410	1/11/2024 9:37:40	88.0	65.8	64.8	64.8
411	1/11/2024 9:37:42	86.8	64.9	64.6	64.6
412	1/11/2024 9:37:44	87.3	65.0	64.3	64.5
413	1/11/2024 9:37:46	85.6	64.3	63.3	63.3
414	1/11/2024 9:37:48	84.8	63.3	62.0	62.0
415	1/11/2024 9:37:50	84.3	62.0	61.5	61.5
416	1/11/2024 9:37:52	82.1	61.5	60.6	60.6
417	1/11/2024 9:37:54	83.6	61.2	60.5	61.0
418	1/11/2024 9:37:56	85.5	63.2	61.2	63.1
419	1/11/2024 9:37:58	88.2	66.1	63.2	66.3
420	1/11/2024 9:38:00	88.6	66.0	64.8	65.1
421	1/11/2024 9:38:02	88.2	64.9	63.7	63.5
422	1/11/2024 9:38:04	86.0	63.7	63.1	63.1
423	1/11/2024 9:38:06	84.3	63.1	62.3	62.2
424	1/11/2024 9:38:08	83.4	62.4	61.9	61.9
425	1/11/2024 9:38:10	87.6	62.6	62.0	62.7
426	1/11/2024 9:38:12	88.6	63.2	62.6	63.2
427	1/11/2024 9:38:14	91.7	63.7	63.1	63.5
428	1/11/2024 9:38:16	89.0	63.4	63.1	63.2

429	1/11/2024 9:38:18	89.0	63.5	62.9	63.4
430	1/11/2024 9:38:20	87.3	64.0	63.5	64.0
431	1/11/2024 9:38:22	88.1	64.1	63.4	63.5
432	1/11/2024 9:38:24	87.0	63.4	62.7	62.9
433	1/11/2024 9:38:26	88.3	65.0	63.1	64.7
434	1/11/2024 9:38:28	90.4	66.5	65.0	66.7
435	1/11/2024 9:38:30	93.3	68.8	66.3	69.1
436	1/11/2024 9:38:32	90.7	68.7	67.3	67.3
437	1/11/2024 9:38:34	91.3	67.3	66.0	66.4
438	1/11/2024 9:38:36	92.7	68.6	67.2	68.7
439	1/11/2024 9:38:38	92.8	68.1	66.4	66.4
440	1/11/2024 9:38:40	88.7	66.6	65.4	65.7
441	1/11/2024 9:38:42	87.4	65.4	63.6	63.3
442	1/11/2024 9:38:44	85.8	63.6	62.8	62.7
443	1/11/2024 9:38:46	83.0	62.8	62.3	62.3
444	1/11/2024 9:38:48	83.5	62.4	62.2	62.3
445	1/11/2024 9:38:50	84.0	62.5	62.3	62.4
446	1/11/2024 9:38:52	84.4	62.8	62.3	62.6
447	1/11/2024 9:38:54	83.8	62.5	62.2	62.3
448	1/11/2024 9:38:56	85.3	62.9	62.5	62.9
449	1/11/2024 9:38:58	83.4	62.9	62.6	62.5
450	1/11/2024 9:39:00	83.8	62.7	62.2	62.4
451	1/11/2024 9:39:02	84.2	62.7	62.3	62.5
452	1/11/2024 9:39:04	83.0	62.5	61.7	61.8
453	1/11/2024 9:39:06	82.5	61.8	61.3	61.4
454	1/11/2024 9:39:08	85.5	61.8	61.0	61.3
455	1/11/2024 9:39:10	88.3	61.1	60.6	60.7
456	1/11/2024 9:39:12	89.4	62.3	60.8	62.4
457	1/11/2024 9:39:14	87.0	62.4	61.6	61.8
458	1/11/2024 9:39:16	84.4	61.6	61.2	61.2
459	1/11/2024 9:39:18	86.5	62.8	61.3	62.6
460	1/11/2024 9:39:20	88.0	65.5	62.8	65.4
461	1/11/2024 9:39:22	89.2	65.7	64.4	64.8
462	1/11/2024 9:39:24	86.6	64.4	63.1	63.1
463	1/11/2024 9:39:26	85.2	63.3	63.1	63.2
464	1/11/2024 9:39:28	85.5	63.4	62.9	63.2
465	1/11/2024 9:39:30	84.5	63.6	63.2	63.4
466	1/11/2024 9:39:32	84.8	63.7	63.1	63.6
467	1/11/2024 9:39:34	87.0	64.3	63.6	64.3
468	1/11/2024 9:39:36	86.1	64.3	63.9	64.0
469	1/11/2024 9:39:38	86.0	63.9	63.4	63.4
470	1/11/2024 9:39:40	86.0	63.9	63.6	63.8
471	1/11/2024 9:39:42	85.4	63.7	63.5	63.6
472	1/11/2024 9:39:44	86.6	63.7	63.5	63.5
473	1/11/2024 9:39:46	89.3	63.7	63.5	63.5
474	1/11/2024 9:39:48	87.6	63.5	63.2	63.2
475	1/11/2024 9:39:50	86.7	63.2	62.7	62.7
476	1/11/2024 9:39:52	84.8	62.8	62.5	62.6
477	1/11/2024 9:39:54	85.8	62.8	62.5	62.7
478	1/11/2024 9:39:56	84.6	63.2	62.6	63.2
479	1/11/2024 9:39:58	83.6	63.2	63.0	63.0
480	1/11/2024 9:40:00	85.3	63.3	62.9	63.2
481	1/11/2024 9:40:02	86.8	63.3	63.1	63.2
482	1/11/2024 9:40:04	87.4	64.5	63.3	64.5
483	1/11/2024 9:40:06	84.7	64.5	63.6	63.6
484	1/11/2024 9:40:08	86.0	63.6	63.2	63.3
485	1/11/2024 9:40:10	84.2	63.2	62.1	62.1
486	1/11/2024 9:40:12	85.6	62.2	61.8	61.9
487	1/11/2024 9:40:14	87.1	62.7	62.1	62.8
488	1/11/2024 9:40:16	88.2	63.4	62.7	63.3
489	1/11/2024 9:40:18	89.2	64.1	63.4	64.0
490	1/11/2024 9:40:20	90.1	64.3	64.1	64.2

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491	1/11/2024 9:40:22	90.2	65.7	64.1	65.5
492	1/11/2024 9:40:24	95.7	72.1	65.7	71.1
493	1/11/2024 9:40:26	98.7	75.7	72.1	75.8
494	1/11/2024 9:40:28	99.8	76.4	72.0	73.2
495	1/11/2024 9:40:30	88.0	72.0	65.9	62.9
496	1/11/2024 9:40:32	86.9	65.9	62.9	62.2
497	1/11/2024 9:40:34	86.2	63.5	62.4	63.0
498	1/11/2024 9:40:36	86.4	65.6	63.5	65.8
499	1/11/2024 9:40:38	85.1	66.1	64.2	64.6
500	1/11/2024 9:40:40	84.5	64.2	63.3	63.2
501	1/11/2024 9:40:42	84.8	63.3	62.6	62.6
502	1/11/2024 9:40:44	85.3	62.6	62.0	62.0
503	1/11/2024 9:40:46	83.3	62.0	61.3	61.2
504	1/11/2024 9:40:48	85.2	61.7	61.3	61.8
505	1/11/2024 9:40:50	84.1	62.2	61.7	62.2
506	1/11/2024 9:40:52	86.5	63.3	62.1	63.3
507	1/11/2024 9:40:54	86.0	63.2	62.3	62.3
508	1/11/2024 9:40:56	86.0	62.3	62.2	62.2
509	1/11/2024 9:40:58	84.3	62.5	62.2	62.3
510	1/11/2024 9:41:00	83.5	62.3	62.1	62.2
511	1/11/2024 9:41:02	85.7	62.3	62.1	62.2
512	1/11/2024 9:41:04	87.2	62.3	61.6	61.7
513	1/11/2024 9:41:06	88.6	61.7	61.2	61.1
514	1/11/2024 9:41:08	88.4	61.6	61.1	61.4
515	1/11/2024 9:41:10	87.3	61.8	61.6	61.7
516	1/11/2024 9:41:12	84.6	61.6	61.2	61.3
517	1/11/2024 9:41:14	84.7	62.0	61.3	61.9
518	1/11/2024 9:41:16	84.9	64.0	62.0	63.8
519	1/11/2024 9:41:18	87.0	64.2	63.6	63.8
520	1/11/2024 9:41:20	97.4	65.4	63.3	64.6
521	1/11/2024 9:41:22	100.3	71.3	65.4	69.7
522	1/11/2024 9:41:24	84.3	67.0	63.6	62.8
523	1/11/2024 9:41:26	86.8	63.6	62.8	62.7
524	1/11/2024 9:41:28	87.0	63.0	61.6	61.5
525	1/11/2024 9:41:30	94.7	64.5	61.2	63.7
526	1/11/2024 9:41:32	107.8	83.2	64.5	81.7
527	1/11/2024 9:41:34	113.5	92.4	83.2	90.4
528	1/11/2024 9:41:36	87.2	86.5	78.2	63.5
529	1/11/2024 9:41:38	83.8	78.2	70.2	61.7
530	1/11/2024 9:41:40	83.7	70.2	64.4	61.7
531	1/11/2024 9:41:42	84.2	64.4	63.1	62.6
532	1/11/2024 9:41:44	85.0	63.2	62.8	62.9
533	1/11/2024 9:41:46	86.4	62.8	62.3	62.4
534	1/11/2024 9:41:48	88.1	62.3	62.0	62.1
535	1/11/2024 9:41:50	89.0	62.7	62.3	62.6
536	1/11/2024 9:41:52	90.1	62.6	62.3	62.3
537	1/11/2024 9:41:54	90.0	63.2	62.3	63.1
538	1/11/2024 9:41:56	86.4	63.4	63.0	63.2
539	1/11/2024 9:41:58	86.5	63.4	62.8	62.9
540	1/11/2024 9:42:00	84.8	62.8	62.5	62.5
541	1/11/2024 9:42:02	84.7	62.9	62.6	62.9
542	1/11/2024 9:42:04	85.7	63.0	62.3	62.3
543	1/11/2024 9:42:06	86.3	62.4	62.0	62.2
544	1/11/2024 9:42:08	86.9	62.3	62.1	62.2
545	1/11/2024 9:42:10	83.5	62.3	62.0	62.0
546	1/11/2024 9:42:12	82.1	62.3	62.0	62.3
547	1/11/2024 9:42:14	82.8	62.3	62.0	62.0
548	1/11/2024 9:42:16	81.2	62.0	61.6	61.6
549	1/11/2024 9:42:18	81.7	61.7	61.0	61.1
550	1/11/2024 9:42:20	81.0	61.1	60.8	60.9
551	1/11/2024 9:42:22	81.4	61.2	60.9	61.1
552	1/11/2024 9:42:24	83.9	61.4	61.1	61.3

553	1/11/2024 9:42:26	86.1	61.6	61.2	61.5
554	1/11/2024 9:42:28	88.2	61.7	61.2	61.4
555	1/11/2024 9:42:30	86.1	62.4	61.6	62.4
556	1/11/2024 9:42:32	85.4	63.2	62.0	62.8
557	1/11/2024 9:42:34	84.6	64.0	63.1	63.5
558	1/11/2024 9:42:36	82.4	63.1	61.6	61.6
559	1/11/2024 9:42:38	81.0	61.6	60.5	60.4
560	1/11/2024 9:42:40	94.3	62.9	60.4	61.9
561	1/11/2024 9:42:42	83.2	61.9	61.1	61.1
562	1/11/2024 9:42:44	85.5	62.2	61.2	62.1
563	1/11/2024 9:42:46	86.8	62.3	61.8	61.9
564	1/11/2024 9:42:48	86.7	62.1	61.9	62.0
565	1/11/2024 9:42:50	87.9	62.0	61.4	61.4
566	1/11/2024 9:42:52	87.1	61.7	61.4	61.6
567	1/11/2024 9:42:54	85.7	61.6	60.8	60.8
568	1/11/2024 9:42:56	83.6	61.2	60.7	61.1
569	1/11/2024 9:42:58	84.4	62.2	61.1	62.1
570	1/11/2024 9:43:00	83.8	62.1	61.7	61.9
571	1/11/2024 9:43:02	84.4	62.6	62.1	62.6
572	1/11/2024 9:43:04	88.2	62.5	62.3	62.3
573	1/11/2024 9:43:06	89.2	62.3	61.9	62.0
574	1/11/2024 9:43:08	88.7	62.2	62.0	62.1
575	1/11/2024 9:43:10	87.1	62.4	62.1	62.3
576	1/11/2024 9:43:12	87.8	62.7	62.2	62.6
577	1/11/2024 9:43:14	88.1	63.9	62.5	63.7
578	1/11/2024 9:43:16	88.4	64.3	63.9	64.1
579	1/11/2024 9:43:18	87.0	63.9	63.5	63.5
580	1/11/2024 9:43:20	86.9	63.8	63.3	63.5
581	1/11/2024 9:43:22	87.2	63.3	62.7	62.7
582	1/11/2024 9:43:24	84.6	62.8	62.2	62.2
583	1/11/2024 9:43:26	84.0	62.2	61.8	61.9
584	1/11/2024 9:43:28	84.0	62.1	61.9	62.0
585	1/11/2024 9:43:30	83.5	61.9	61.4	61.4
586	1/11/2024 9:43:32	82.8	61.5	61.0	61.0
587	1/11/2024 9:43:34	82.8	61.0	60.8	60.9
588	1/11/2024 9:43:36	86.5	62.2	60.9	61.9
589	1/11/2024 9:43:38	85.6	62.7	62.1	62.6
590	1/11/2024 9:43:40	84.2	62.6	62.2	62.2
591	1/11/2024 9:43:42	85.3	62.2	61.9	62.0
592	1/11/2024 9:43:44	94.3	63.5	62.0	63.0
593	1/11/2024 9:43:46	84.7	63.4	62.3	62.2
594	1/11/2024 9:43:48	84.9	62.4	62.0	62.2
595	1/11/2024 9:43:50	86.1	63.9	62.3	63.6
596	1/11/2024 9:43:52	88.0	65.0	63.9	65.0
597	1/11/2024 9:43:54	89.4	64.8	63.8	63.6
598	1/11/2024 9:43:56	90.7	63.8	63.5	63.5
599	1/11/2024 9:43:58	90.4	65.2	63.5	64.9
600	1/11/2024 9:44:00	90.6	65.3	64.8	64.9
601	1/11/2024 9:44:02	90.6	65.1	64.4	64.7

STA5 - Logger results

No.	Date & time	P1 - Profile1 LCpeak (TH) [dB]	P1 - Profile1 (A, Slow) LASmax (TH) [dB]	P1 - Profile1 (A, Slow) LASmin (TH) [dB]	P1 - Profile1 (A, Lin) LAeq (TH) [dB]
1	1/11/2024 9:48:24	101.8	85.2	80.4	80.6
2	1/11/2024 9:48:26	106.4	86.6	79.2	85.4
3	1/11/2024 9:48:28	102.3	87.0	81.0	82.2
4	1/11/2024 9:48:30	106.9	86.9	80.4	85.0
5	1/11/2024 9:48:32	108.7	87.8	81.7	84.1
6	1/11/2024 9:48:34	108.9	90.1	81.1	88.2
7	1/11/2024 9:48:36	103.3	88.8	81.7	81.2
8	1/11/2024 9:48:38	100.5	85.7	78.3	78.6
9	1/11/2024 9:48:40	101.5	80.7	73.6	77.3
10	1/11/2024 9:48:42	105.1	84.9	77.5	84.2
11	1/11/2024 9:48:44	106.6	86.4	79.2	83.2
12	1/11/2024 9:48:46	83.9	83.2	75.0	63.9
13	1/11/2024 9:48:48	89.3	75.0	67.9	65.3
14	1/11/2024 9:48:50	107.0	85.0	65.4	82.4
15	1/11/2024 9:48:52	103.5	85.0	79.5	82.0
16	1/11/2024 9:48:54	102.4	84.0	77.5	81.9
17	1/11/2024 9:48:56	85.8	81.3	73.2	62.4
18	1/11/2024 9:48:58	101.7	80.6	69.1	78.1
19	1/11/2024 9:49:00	102.5	82.5	74.4	79.4
20	1/11/2024 9:49:02	103.3	82.7	75.8	79.3
21	1/11/2024 9:49:04	103.2	85.1	79.3	84.2
22	1/11/2024 9:49:06	104.6	84.7	78.4	82.6
23	1/11/2024 9:49:08	99.9	83.0	76.4	75.7
24	1/11/2024 9:49:10	98.3	78.5	68.9	75.6
25	1/11/2024 9:49:12	101.0	80.8	74.1	79.3
26	1/11/2024 9:49:14	88.7	79.6	71.7	66.6
27	1/11/2024 9:49:16	97.6	80.3	71.5	79.6
28	1/11/2024 9:49:18	100.7	81.0	75.7	80.5
29	1/11/2024 9:49:20	100.6	81.0	75.7	76.7
30	1/11/2024 9:49:22	101.5	82.0	75.2	82.0
31	1/11/2024 9:49:24	80.9	81.2	73.0	61.4
32	1/11/2024 9:49:26	83.9	73.0	67.0	64.0
33	1/11/2024 9:49:28	95.1	74.9	65.5	72.8
34	1/11/2024 9:49:30	100.1	81.9	71.2	80.1
35	1/11/2024 9:49:32	89.7	80.0	72.3	63.1
36	1/11/2024 9:49:34	84.6	72.3	67.1	65.1
37	1/11/2024 9:49:36	100.4	79.2	62.3	76.6
38	1/11/2024 9:49:38	100.1	81.3	74.6	79.3
39	1/11/2024 9:49:40	88.3	79.9	72.3	67.4
40	1/11/2024 9:49:42	104.3	85.1	69.4	83.7
41	1/11/2024 9:49:44	81.5	82.5	74.4	62.6
42	1/11/2024 9:49:46	104.3	85.0	73.1	83.3
43	1/11/2024 9:49:48	107.3	88.0	79.1	87.3
44	1/11/2024 9:49:50	108.3	89.9	85.0	88.6
45	1/11/2024 9:49:52	82.0	88.0	79.6	61.3
46	1/11/2024 9:49:54	85.3	79.6	71.5	63.0
47	1/11/2024 9:49:56	82.6	71.5	65.8	63.9
48	1/11/2024 9:49:58	86.4	68.8	64.3	67.5
49	1/11/2024 9:50:00	105.0	86.2	66.7	83.5
50	1/11/2024 9:50:02	80.3	83.3	74.9	60.2
51	1/11/2024 9:50:04	78.7	74.9	66.9	57.9
52	1/11/2024 9:50:06	80.4	66.9	60.1	57.2
53	1/11/2024 9:50:08	82.2	61.8	59.3	60.5
54	1/11/2024 9:50:10	81.0	61.2	58.7	58.7
55	1/11/2024 9:50:12	89.1	68.8	58.8	67.4
56	1/11/2024 9:50:14	83.5	68.2	62.1	61.2

57	1/11/2024 9:50:16	80.3	62.2	60.5	61.3
58	1/11/2024 9:50:18	84.2	66.7	62.0	66.2
59	1/11/2024 9:50:20	101.8	80.3	66.7	78.1
60	1/11/2024 9:50:22	97.3	80.3	72.3	64.5
61	1/11/2024 9:50:24	105.2	84.8	71.7	83.0
62	1/11/2024 9:50:26	104.9	86.2	76.5	84.8
63	1/11/2024 9:50:28	86.3	83.5	75.4	66.1
64	1/11/2024 9:50:30	80.8	75.4	67.8	60.5
65	1/11/2024 9:50:32	81.0	67.8	61.9	60.1
66	1/11/2024 9:50:34	83.8	62.8	59.0	58.4
67	1/11/2024 9:50:36	78.8	59.0	52.5	48.9
68	1/11/2024 9:50:38	106.3	84.1	51.8	81.5
69	1/11/2024 9:50:40	85.4	77.8	70.8	66.9
70	1/11/2024 9:50:42	82.0	70.8	65.1	62.6
71	1/11/2024 9:50:44	83.1	65.4	61.6	61.4
72	1/11/2024 9:50:46	79.3	62.1	60.1	60.4
73	1/11/2024 9:50:48	77.1	60.2	53.4	49.2
74	1/11/2024 9:50:50	101.0	81.1	51.8	79.8
75	1/11/2024 9:50:52	97.7	78.9	71.3	68.3
76	1/11/2024 9:50:54	99.6	80.0	73.4	77.8
77	1/11/2024 9:50:56	83.6	73.8	67.5	63.6
78	1/11/2024 9:50:58	84.4	67.8	60.8	60.4
79	1/11/2024 9:51:00	83.9	65.2	59.9	63.9
80	1/11/2024 9:51:02	86.6	67.2	61.2	65.2
81	1/11/2024 9:51:04	83.6	64.9	61.4	61.8
82	1/11/2024 9:51:06	85.7	62.8	59.6	60.3
83	1/11/2024 9:51:08	79.1	59.6	54.8	53.8
84	1/11/2024 9:51:10	81.2	59.2	54.0	57.2
85	1/11/2024 9:51:12	81.5	60.6	53.9	59.3
86	1/11/2024 9:51:14	83.3	62.9	58.5	62.3
87	1/11/2024 9:51:16	83.2	63.6	59.5	62.4
88	1/11/2024 9:51:18	83.4	62.8	58.5	61.0
89	1/11/2024 9:51:20	84.0	64.7	60.2	62.6
90	1/11/2024 9:51:22	82.2	61.8	55.2	51.1
91	1/11/2024 9:51:24	82.4	55.2	51.2	49.9
92	1/11/2024 9:51:26	79.1	51.2	50.3	50.3
93	1/11/2024 9:51:28	81.3	52.3	50.3	52.0
94	1/11/2024 9:51:30	83.2	56.5	52.0	55.8
95	1/11/2024 9:51:32	83.5	61.0	54.3	59.9
96	1/11/2024 9:51:34	86.0	66.5	59.7	64.5
97	1/11/2024 9:51:36	84.0	64.3	58.5	60.1
98	1/11/2024 9:51:38	86.5	65.8	57.4	64.6
99	1/11/2024 9:51:40	83.0	63.9	57.2	52.8
100	1/11/2024 9:51:42	103.8	82.0	54.9	80.1
101	1/11/2024 9:51:44	91.7	81.9	74.1	69.1
102	1/11/2024 9:51:46	87.6	74.1	67.5	64.0
103	1/11/2024 9:51:48	87.0	67.8	64.1	64.5
104	1/11/2024 9:51:50	84.3	64.1	62.7	63.2
105	1/11/2024 9:51:52	91.2	70.5	63.8	70.2
106	1/11/2024 9:51:54	95.5	74.7	70.5	74.4
107	1/11/2024 9:51:56	95.8	75.2	71.8	72.5
108	1/11/2024 9:51:58	87.9	71.8	66.8	65.4
109	1/11/2024 9:52:00	89.8	67.5	63.7	64.5
110	1/11/2024 9:52:02	85.0	65.8	62.3	65.2
111	1/11/2024 9:52:04	83.0	66.0	60.5	61.9
112	1/11/2024 9:52:06	86.4	68.4	61.2	66.5
113	1/11/2024 9:52:08	78.5	64.6	58.8	55.9
114	1/11/2024 9:52:10	85.0	64.0	56.5	63.1
115	1/11/2024 9:52:12	82.8	64.6	59.9	63.2
116	1/11/2024 9:52:14	83.6	65.5	62.4	63.6
117	1/11/2024 9:52:16	86.2	69.2	61.2	67.8
118	1/11/2024 9:52:18	79.7	68.5	61.4	56.4

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119	1/11/2024 9:52:20	83.8	63.9	60.3	61.6
120	1/11/2024 9:52:22	80.1	60.3	55.6	54.3
121	1/11/2024 9:52:24	83.5	60.6	54.7	57.9
122	1/11/2024 9:52:26	80.2	59.0	53.7	57.2
123	1/11/2024 9:52:28	87.0	66.5	52.7	64.8
124	1/11/2024 9:52:30	101.7	81.7	63.2	80.2
125	1/11/2024 9:52:32	103.5	82.3	74.3	79.3
126	1/11/2024 9:52:34	104.8	85.6	78.3	84.6
127	1/11/2024 9:52:36	103.9	85.5	81.0	81.3
128	1/11/2024 9:52:38	86.9	81.8	74.0	65.6
129	1/11/2024 9:52:40	86.4	74.0	69.2	68.7
130	1/11/2024 9:52:42	104.1	85.3	69.0	83.6
131	1/11/2024 9:52:44	82.2	79.9	71.8	62.1
132	1/11/2024 9:52:46	86.0	71.8	64.4	59.3
133	1/11/2024 9:52:48	93.3	64.4	59.9	59.3
134	1/11/2024 9:52:50	88.9	59.9	57.7	58.2
135	1/11/2024 9:52:52	89.7	67.3	58.7	67.0
136	1/11/2024 9:52:54	86.3	65.4	59.2	55.2
137	1/11/2024 9:52:56	86.7	61.3	58.6	60.9
138	1/11/2024 9:52:58	87.0	66.0	60.8	64.8
139	1/11/2024 9:53:00	92.6	63.2	59.8	59.5
140	1/11/2024 9:53:02	86.1	63.2	57.8	62.0
141	1/11/2024 9:53:04	87.8	63.4	60.2	60.2
142	1/11/2024 9:53:06	86.9	63.9	59.4	62.0
143	1/11/2024 9:53:08	89.1	62.8	58.2	62.0
144	1/11/2024 9:53:10	89.2	63.4	59.0	59.5
145	1/11/2024 9:53:12	91.9	62.4	58.8	62.1
146	1/11/2024 9:53:14	91.7	66.7	61.5	65.1
147	1/11/2024 9:53:16	89.9	68.7	61.7	67.1
148	1/11/2024 9:53:18	88.5	68.3	61.7	57.3
149	1/11/2024 9:53:20	84.8	61.7	55.4	52.2
150	1/11/2024 9:53:22	83.8	62.2	54.6	61.7
151	1/11/2024 9:53:24	89.5	60.3	55.2	56.7
152	1/11/2024 9:53:26	86.6	62.0	57.1	59.2
153	1/11/2024 9:53:28	88.8	58.1	54.5	53.2
154	1/11/2024 9:53:30	85.7	55.4	53.7	54.5
155	1/11/2024 9:53:32	86.2	56.2	53.0	55.1
156	1/11/2024 9:53:34	82.3	56.0	54.1	53.6
157	1/11/2024 9:53:36	83.2	54.9	53.5	53.8
158	1/11/2024 9:53:38	83.4	53.5	52.2	52.2
159	1/11/2024 9:53:40	82.2	52.2	50.0	49.6
160	1/11/2024 9:53:42	78.8	50.2	49.7	50.0
161	1/11/2024 9:53:44	83.5	52.7	50.1	52.5
162	1/11/2024 9:53:46	87.5	55.4	52.6	55.2
163	1/11/2024 9:53:48	80.5	58.7	55.4	58.4
164	1/11/2024 9:53:50	91.5	62.1	58.7	62.1
165	1/11/2024 9:53:52	84.3	62.3	61.0	61.4
166	1/11/2024 9:53:54	88.2	61.0	57.3	57.0
167	1/11/2024 9:53:56	88.6	57.3	53.9	53.3
168	1/11/2024 9:53:58	89.2	53.9	52.3	52.3
169	1/11/2024 9:54:00	86.4	52.6	50.2	50.2
170	1/11/2024 9:54:02	88.1	50.2	49.0	49.2
171	1/11/2024 9:54:04	83.3	49.3	48.6	48.6
172	1/11/2024 9:54:06	83.8	56.5	48.4	54.6
173	1/11/2024 9:54:08	80.2	56.1	51.4	50.2
174	1/11/2024 9:54:10	78.5	51.4	48.0	47.4
175	1/11/2024 9:54:12	80.2	48.3	47.2	47.6
176	1/11/2024 9:54:14	81.6	49.3	47.0	48.2
177	1/11/2024 9:54:16	81.0	48.8	47.5	48.1
178	1/11/2024 9:54:18	87.2	55.1	48.1	53.3
179	1/11/2024 9:54:20	82.8	55.0	50.2	48.4
180	1/11/2024 9:54:22	83.9	50.2	48.9	48.7

181	1/11/2024 9:54:24	83.0	59.2	49.0	57.6
182	1/11/2024 9:54:26	84.0	57.2	51.7	53.7
183	1/11/2024 9:54:28	83.0	58.1	54.2	57.3
184	1/11/2024 9:54:30	83.3	57.5	51.0	47.4
185	1/11/2024 9:54:32	80.7	51.0	48.2	47.5
186	1/11/2024 9:54:34	78.1	48.5	47.5	47.9
187	1/11/2024 9:54:36	83.7	62.5	47.8	61.0
188	1/11/2024 9:54:38	84.0	62.5	54.7	59.6
189	1/11/2024 9:54:40	77.0	59.5	52.5	47.5
190	1/11/2024 9:54:42	78.5	52.5	48.4	47.4
191	1/11/2024 9:54:44	78.7	48.5	46.9	46.5
192	1/11/2024 9:54:46	76.1	46.9	46.3	46.4
193	1/11/2024 9:54:48	77.9	47.2	46.3	47.0
194	1/11/2024 9:54:50	79.4	47.5	46.7	47.0
195	1/11/2024 9:54:52	79.3	48.0	46.7	47.7
196	1/11/2024 9:54:54	77.8	49.3	47.9	49.2
197	1/11/2024 9:54:56	79.7	52.5	49.3	52.5
198	1/11/2024 9:54:58	79.5	58.6	52.5	58.0
199	1/11/2024 9:55:00	83.3	64.6	58.6	64.7
200	1/11/2024 9:55:02	80.7	64.4	59.4	59.0
201	1/11/2024 9:55:04	79.9	59.4	53.9	52.1
202	1/11/2024 9:55:06	78.3	53.9	50.1	48.9
203	1/11/2024 9:55:08	79.7	50.1	49.3	49.3
204	1/11/2024 9:55:10	79.8	49.3	47.4	47.2
205	1/11/2024 9:55:12	81.7	47.7	46.8	46.9
206	1/11/2024 9:55:14	82.0	46.9	46.3	46.4
207	1/11/2024 9:55:16	80.6	47.0	46.4	46.8
208	1/11/2024 9:55:18	81.2	47.2	46.3	46.6
209	1/11/2024 9:55:20	81.2	47.5	46.2	47.6
210	1/11/2024 9:55:22	78.7	49.2	47.4	48.8
211	1/11/2024 9:55:24	80.0	49.1	48.2	48.4
212	1/11/2024 9:55:26	78.2	48.6	47.5	47.5
213	1/11/2024 9:55:28	78.6	47.6	47.0	47.1
214	1/11/2024 9:55:30	79.9	47.4	46.8	47.0
215	1/11/2024 9:55:32	79.5	47.4	46.9	47.1
216	1/11/2024 9:55:34	80.3	47.3	47.0	47.1
217	1/11/2024 9:55:36	80.5	47.6	47.0	47.6
218	1/11/2024 9:55:38	82.2	47.9	47.4	47.8
219	1/11/2024 9:55:40	79.9	49.0	47.7	48.9
220	1/11/2024 9:55:42	79.7	48.7	48.0	48.1
221	1/11/2024 9:55:44	82.6	48.5	47.5	47.8
222	1/11/2024 9:55:46	80.5	48.6	47.6	48.3
223	1/11/2024 9:55:48	78.8	48.3	47.7	48.0
224	1/11/2024 9:55:50	81.7	48.8	47.8	48.3
225	1/11/2024 9:55:52	78.5	48.5	47.5	48.0
226	1/11/2024 9:55:54	79.1	48.3	47.8	48.0
227	1/11/2024 9:55:56	79.3	49.1	48.0	49.1
228	1/11/2024 9:55:58	78.7	49.6	48.8	49.1
229	1/11/2024 9:56:00	79.6	49.2	48.2	48.4
230	1/11/2024 9:56:02	79.7	48.8	48.2	48.6
231	1/11/2024 9:56:04	80.1	49.7	48.7	49.7
232	1/11/2024 9:56:06	80.8	50.9	49.7	50.8
233	1/11/2024 9:56:08	80.4	50.5	49.6	49.5
234	1/11/2024 9:56:10	80.7	49.9	49.4	49.6
235	1/11/2024 9:56:12	81.4	50.9	49.6	50.8
236	1/11/2024 9:56:14	80.9	51.9	50.9	51.6
237	1/11/2024 9:56:16	81.7	56.5	51.9	56.1
238	1/11/2024 9:56:18	87.3	65.4	56.5	64.3
239	1/11/2024 9:56:20	91.3	69.3	65.4	69.5
240	1/11/2024 9:56:22	88.8	68.9	67.2	68.0
241	1/11/2024 9:56:24	86.0	69.6	67.2	68.1
242	1/11/2024 9:56:26	81.5	67.2	61.0	59.2

243	1/11/2024 9:56:28	81.3	61.0	56.1	54.6
244	1/11/2024 9:56:30	79.6	56.1	52.9	52.3
245	1/11/2024 9:56:32	80.5	52.9	51.4	51.3
246	1/11/2024 9:56:34	79.2	51.5	50.4	50.5
247	1/11/2024 9:56:36	80.6	50.5	49.3	49.4
248	1/11/2024 9:56:38	80.1	50.4	49.5	50.2
249	1/11/2024 9:56:40	88.1	56.1	50.3	54.1
250	1/11/2024 9:56:42	78.4	52.5	49.8	49.1
251	1/11/2024 9:56:44	86.8	54.4	49.8	53.3
252	1/11/2024 9:56:46	79.7	51.8	49.6	48.9
253	1/11/2024 9:56:48	79.4	50.1	49.0	49.8
254	1/11/2024 9:56:50	81.3	50.1	49.3	49.5
255	1/11/2024 9:56:52	79.2	50.5	49.6	50.5
256	1/11/2024 9:56:54	84.0	52.4	50.5	52.4
257	1/11/2024 9:56:56	84.6	52.0	51.4	51.4
258	1/11/2024 9:56:58	84.4	52.1	51.3	51.9
259	1/11/2024 9:57:00	81.7	52.2	51.1	51.3
260	1/11/2024 9:57:02	78.8	51.3	50.0	49.9
261	1/11/2024 9:57:04	78.9	50.2	49.8	49.8
262	1/11/2024 9:57:06	79.1	50.9	49.6	50.8
263	1/11/2024 9:57:08	77.8	50.7	50.1	50.4
264	1/11/2024 9:57:10	78.3	50.8	49.9	50.1
265	1/11/2024 9:57:12	79.6	50.4	49.9	50.1
266	1/11/2024 9:57:14	77.6	50.6	50.0	50.6
267	1/11/2024 9:57:16	80.3	51.5	50.1	51.2
268	1/11/2024 9:57:18	79.4	51.6	49.5	49.4
269	1/11/2024 9:57:20	77.9	49.5	48.5	48.6
270	1/11/2024 9:57:22	77.2	49.6	48.8	49.3
271	1/11/2024 9:57:24	77.2	49.4	48.6	48.7
272	1/11/2024 9:57:26	77.5	49.1	48.8	49.0
273	1/11/2024 9:57:28	75.8	50.1	48.7	49.7
274	1/11/2024 9:57:30	76.6	49.6	48.8	49.0
275	1/11/2024 9:57:32	79.5	49.3	49.0	49.2
276	1/11/2024 9:57:34	79.8	49.3	48.6	48.8
277	1/11/2024 9:57:36	79.6	49.1	48.4	48.4
278	1/11/2024 9:57:38	80.7	49.4	48.5	49.2
279	1/11/2024 9:57:40	81.0	49.6	49.1	49.3
280	1/11/2024 9:57:42	79.0	49.7	49.1	49.5
281	1/11/2024 9:57:44	78.3	50.1	49.4	49.8
282	1/11/2024 9:57:46	77.2	50.4	49.5	50.3
283	1/11/2024 9:57:48	79.2	50.4	49.8	49.9
284	1/11/2024 9:57:50	77.7	49.8	49.0	48.9
285	1/11/2024 9:57:52	78.7	49.1	48.5	48.5
286	1/11/2024 9:57:54	78.2	48.8	48.4	48.7
287	1/11/2024 9:57:56	76.3	49.1	48.3	48.6
288	1/11/2024 9:57:58	78.5	48.6	48.2	48.4
289	1/11/2024 9:58:00	78.0	49.0	48.4	48.9
290	1/11/2024 9:58:02	78.1	49.5	48.6	49.4
291	1/11/2024 9:58:04	78.5	49.4	48.5	48.6
292	1/11/2024 9:58:06	79.6	49.9	48.5	49.5
293	1/11/2024 9:58:08	82.4	50.5	48.9	49.3
294	1/11/2024 9:58:10	81.4	49.5	48.6	48.8
295	1/11/2024 9:58:12	79.5	48.9	48.5	48.7
296	1/11/2024 9:58:14	79.0	48.8	47.9	47.9
297	1/11/2024 9:58:16	78.0	48.1	47.2	47.5
298	1/11/2024 9:58:18	78.3	48.1	47.5	47.9
299	1/11/2024 9:58:20	79.5	48.1	47.5	47.9
300	1/11/2024 9:58:22	80.0	48.2	47.6	47.9
301	1/11/2024 9:58:24	79.3	48.4	47.9	48.2
302	1/11/2024 9:58:26	81.5	48.6	48.1	48.4
303	1/11/2024 9:58:28	81.7	49.1	48.4	48.9
304	1/11/2024 9:58:30	79.7	49.4	48.3	48.7

305	1/11/2024 9:58:32	82.1	49.1	48.3	48.6
306	1/11/2024 9:58:34	82.8	48.8	47.9	48.6
307	1/11/2024 9:58:36	80.0	48.9	47.9	48.0
308	1/11/2024 9:58:38	79.6	48.0	47.3	47.6
309	1/11/2024 9:58:40	79.2	49.0	47.7	49.1
310	1/11/2024 9:58:42	81.6	50.2	48.4	49.3
311	1/11/2024 9:58:44	79.3	49.2	48.7	48.7
312	1/11/2024 9:58:46	78.0	49.3	48.7	49.1
313	1/11/2024 9:58:48	77.6	49.3	48.7	49.0
314	1/11/2024 9:58:50	77.0	49.6	48.4	48.7
315	1/11/2024 9:58:52	78.9	48.4	47.8	47.8
316	1/11/2024 9:58:54	80.7	52.0	48.0	51.9
317	1/11/2024 9:58:56	80.3	51.8	49.9	49.8
318	1/11/2024 9:58:58	79.5	49.9	49.1	49.2
319	1/11/2024 9:59:00	76.6	52.3	49.1	51.5
320	1/11/2024 9:59:02	79.3	51.4	49.7	50.4
321	1/11/2024 9:59:04	79.3	50.5	48.4	48.4
322	1/11/2024 9:59:06	79.7	48.7	47.5	47.5
323	1/11/2024 9:59:08	79.0	47.5	46.8	46.8
324	1/11/2024 9:59:10	80.0	47.8	47.0	47.6
325	1/11/2024 9:59:12	83.6	49.3	47.6	49.2
326	1/11/2024 9:59:14	81.3	48.8	48.1	48.4
327	1/11/2024 9:59:16	78.1	48.7	47.9	48.1
328	1/11/2024 9:59:18	79.5	48.4	48.0	48.0
329	1/11/2024 9:59:20	88.5	49.8	48.0	49.5
330	1/11/2024 9:59:22	83.1	50.6	49.6	50.4
331	1/11/2024 9:59:24	81.7	51.7	49.5	51.1
332	1/11/2024 9:59:26	80.5	51.6	49.2	48.8
333	1/11/2024 9:59:28	77.8	49.6	48.6	48.8
334	1/11/2024 9:59:30	78.2	48.8	47.5	47.5
335	1/11/2024 9:59:32	81.2	48.0	47.3	47.8
336	1/11/2024 9:59:34	77.7	48.3	47.8	48.2
337	1/11/2024 9:59:36	81.3	49.6	48.1	49.1
338	1/11/2024 9:59:38	84.1	49.3	48.4	49.0
339	1/11/2024 9:59:40	84.5	50.2	49.3	50.1
340	1/11/2024 9:59:42	79.1	50.0	49.0	49.3
341	1/11/2024 9:59:44	77.0	49.4	48.9	49.2
342	1/11/2024 9:59:46	79.4	49.5	48.8	49.4
343	1/11/2024 9:59:48	82.5	50.5	49.4	50.4
344	1/11/2024 9:59:50	82.0	52.3	50.4	52.3
345	1/11/2024 9:59:52	81.9	55.3	52.3	54.7
346	1/11/2024 9:59:54	82.5	53.5	51.1	51.0
347	1/11/2024 9:59:56	78.8	51.2	49.8	49.9
348	1/11/2024 9:59:58	77.5	49.8	48.5	48.3
349	1/11/2024 10:00:00	79.0	49.9	48.6	49.9
350	1/11/2024 10:00:02	77.1	50.1	49.1	49.2
351	1/11/2024 10:00:04	77.5	49.7	48.8	49.5
352	1/11/2024 10:00:06	78.6	53.6	49.6	53.0
353	1/11/2024 10:00:08	80.8	60.0	53.6	59.6
354	1/11/2024 10:00:10	82.9	65.2	60.0	65.5
355	1/11/2024 10:00:12	81.9	65.4	62.5	63.0
356	1/11/2024 10:00:14	79.4	62.5	57.7	56.5
357	1/11/2024 10:00:16	77.8	57.7	55.0	54.5
358	1/11/2024 10:00:18	78.4	55.0	52.6	52.3
359	1/11/2024 10:00:20	78.8	52.6	49.9	49.3
360	1/11/2024 10:00:22	81.3	55.5	49.7	54.0
361	1/11/2024 10:00:24	78.0	51.9	50.3	50.0
362	1/11/2024 10:00:26	78.2	51.1	50.1	50.5
363	1/11/2024 10:00:28	77.0	50.4	48.4	48.7
364	1/11/2024 10:00:30	77.7	48.5	47.6	47.7
365	1/11/2024 10:00:32	78.6	57.8	47.8	56.5
366	1/11/2024 10:00:34	79.0	57.5	54.3	53.9

367	1/11/2024 10:00:36	82.4	58.0	51.6	56.4
368	1/11/2024 10:00:38	80.2	58.8	52.9	55.9
369	1/11/2024 10:00:40	79.3	56.9	50.9	47.9
370	1/11/2024 10:00:42	79.8	56.5	49.2	54.9
371	1/11/2024 10:00:44	79.5	56.1	51.4	52.0
372	1/11/2024 10:00:46	77.7	54.2	49.8	52.5
373	1/11/2024 10:00:48	77.8	55.1	51.0	51.3
374	1/11/2024 10:00:50	77.0	55.2	49.6	54.4
375	1/11/2024 10:00:52	80.9	54.7	50.4	49.0
376	1/11/2024 10:00:54	76.3	50.4	49.3	49.2
377	1/11/2024 10:00:56	78.9	49.3	48.8	48.8
378	1/11/2024 10:00:58	77.4	50.1	48.8	50.2
379	1/11/2024 10:01:00	78.3	52.6	50.1	52.5
380	1/11/2024 10:01:02	79.1	60.7	52.6	60.0
381	1/11/2024 10:01:04	87.5	71.1	60.7	70.6
382	1/11/2024 10:01:06	84.5	71.3	66.9	67.3
383	1/11/2024 10:01:08	81.8	66.9	59.9	56.4
384	1/11/2024 10:01:10	80.0	59.9	53.5	50.3
385	1/11/2024 10:01:12	78.5	53.5	50.5	49.7
386	1/11/2024 10:01:14	80.0	50.5	49.7	49.6
387	1/11/2024 10:01:16	79.0	50.9	49.8	50.7
388	1/11/2024 10:01:18	78.1	51.5	50.7	51.4
389	1/11/2024 10:01:20	77.9	54.0	51.4	53.8
390	1/11/2024 10:01:22	82.6	59.6	54.0	59.1
391	1/11/2024 10:01:24	90.8	68.9	59.6	68.3
392	1/11/2024 10:01:26	88.4	68.9	65.7	66.0
393	1/11/2024 10:01:28	87.4	65.7	64.0	64.6
394	1/11/2024 10:01:30	90.1	69.0	65.6	69.0
395	1/11/2024 10:01:32	83.5	67.9	62.5	61.2
396	1/11/2024 10:01:34	79.6	62.5	57.4	55.5
397	1/11/2024 10:01:36	79.6	58.8	56.8	58.1
398	1/11/2024 10:01:38	82.9	66.8	58.8	66.3
399	1/11/2024 10:01:40	87.0	68.8	66.8	68.3
400	1/11/2024 10:01:42	80.3	67.1	62.1	60.6
401	1/11/2024 10:01:44	80.8	62.4	61.3	61.9
402	1/11/2024 10:01:46	84.4	65.8	62.4	66.1
403	1/11/2024 10:01:48	80.5	65.5	61.0	60.3
404	1/11/2024 10:01:50	82.0	61.0	56.5	55.5
405	1/11/2024 10:01:52	83.2	56.5	53.1	52.2
406	1/11/2024 10:01:54	85.0	53.1	52.1	52.1
407	1/11/2024 10:01:56	81.8	52.1	51.4	51.4
408	1/11/2024 10:01:58	82.0	54.4	51.2	53.4
409	1/11/2024 10:02:00	81.0	52.5	51.7	51.7
410	1/11/2024 10:02:02	79.8	52.3	51.8	52.2
411	1/11/2024 10:02:04	79.2	52.0	51.2	51.3
412	1/11/2024 10:02:06	78.8	51.2	50.1	49.9
413	1/11/2024 10:02:08	78.6	50.7	49.9	50.5
414	1/11/2024 10:02:10	77.5	50.7	50.2	50.3
415	1/11/2024 10:02:12	78.0	50.6	49.9	50.0
416	1/11/2024 10:02:14	79.3	50.6	49.7	50.5
417	1/11/2024 10:02:16	79.6	52.4	50.6	52.0
418	1/11/2024 10:02:18	78.7	51.6	49.8	49.4
419	1/11/2024 10:02:20	79.9	51.0	49.5	50.7
420	1/11/2024 10:02:22	79.7	51.0	50.4	50.7
421	1/11/2024 10:02:24	80.1	52.0	50.5	51.6
422	1/11/2024 10:02:26	77.6	51.3	50.6	50.9
423	1/11/2024 10:02:28	78.0	51.6	51.2	51.7
424	1/11/2024 10:02:30	78.3	53.0	51.6	52.8
425	1/11/2024 10:02:32	79.3	53.1	52.5	52.9
426	1/11/2024 10:02:34	78.0	58.5	53.1	57.8
427	1/11/2024 10:02:36	86.0	69.6	58.5	69.2
428	1/11/2024 10:02:38	85.2	70.2	67.3	68.2

429	1/11/2024 10:02:40	80.5	67.3	62.7	61.9
430	1/11/2024 10:02:42	81.7	62.7	57.6	56.4
431	1/11/2024 10:02:44	80.7	57.6	52.9	51.7
432	1/11/2024 10:02:46	80.8	54.4	52.2	54.2
433	1/11/2024 10:02:48	80.1	55.3	54.3	55.4
434	1/11/2024 10:02:50	80.4	55.2	53.7	53.4
435	1/11/2024 10:02:52	79.9	53.9	53.4	53.5
436	1/11/2024 10:02:54	80.1	53.5	53.0	53.0
437	1/11/2024 10:02:56	79.7	53.5	52.9	53.5
438	1/11/2024 10:02:58	82.1	54.2	53.4	54.2
439	1/11/2024 10:03:00	82.1	54.8	54.0	54.9
440	1/11/2024 10:03:02	80.4	54.9	53.7	53.7
441	1/11/2024 10:03:04	80.7	55.5	53.8	55.3
442	1/11/2024 10:03:06	79.5	55.0	53.0	53.0
443	1/11/2024 10:03:08	78.7	53.1	52.5	52.8
444	1/11/2024 10:03:10	78.6	56.5	53.1	56.3
445	1/11/2024 10:03:12	80.6	63.0	56.5	62.5
446	1/11/2024 10:03:14	81.8	64.9	63.0	65.1
447	1/11/2024 10:03:16	79.7	64.5	60.8	60.4
448	1/11/2024 10:03:18	79.3	60.9	57.9	57.6
449	1/11/2024 10:03:20	80.4	57.9	54.4	53.6
450	1/11/2024 10:03:22	78.5	54.4	52.0	51.6
451	1/11/2024 10:03:24	81.1	52.0	51.5	51.5
452	1/11/2024 10:03:26	81.0	52.3	51.6	52.4
453	1/11/2024 10:03:28	84.4	53.3	52.2	53.2
454	1/11/2024 10:03:30	82.1	54.0	53.3	54.0
455	1/11/2024 10:03:32	88.5	55.2	53.9	55.1
456	1/11/2024 10:03:34	83.9	55.8	54.3	55.5
457	1/11/2024 10:03:36	85.7	56.8	55.8	56.7
458	1/11/2024 10:03:38	82.7	56.4	55.1	54.8
459	1/11/2024 10:03:40	88.4	57.0	55.2	56.9
460	1/11/2024 10:03:42	85.0	56.6	55.0	55.2
461	1/11/2024 10:03:44	84.8	55.4	54.2	55.0
462	1/11/2024 10:03:46	83.8	55.6	54.6	55.0
463	1/11/2024 10:03:48	83.4	54.8	54.5	54.7
464	1/11/2024 10:03:50	83.9	56.6	54.2	56.2
465	1/11/2024 10:03:52	86.0	59.0	56.6	58.4
466	1/11/2024 10:03:54	82.3	57.1	55.0	54.5
467	1/11/2024 10:03:56	85.8	56.2	54.9	55.5
468	1/11/2024 10:03:58	85.2	55.4	54.7	55.1
469	1/11/2024 10:04:00	82.2	55.0	52.9	52.7
470	1/11/2024 10:04:02	83.5	54.5	53.2	54.6
471	1/11/2024 10:04:04	85.1	54.3	53.5	53.7
472	1/11/2024 10:04:06	83.7	54.3	53.2	53.4
473	1/11/2024 10:04:08	82.2	54.1	53.3	54.0
474	1/11/2024 10:04:10	80.6	57.2	54.1	57.0
475	1/11/2024 10:04:12	84.4	63.9	57.2	63.3
476	1/11/2024 10:04:14	88.6	68.0	63.9	68.3
477	1/11/2024 10:04:16	89.5	67.9	66.3	66.6
478	1/11/2024 10:04:18	85.5	66.3	64.8	65.3
479	1/11/2024 10:04:20	86.8	68.5	66.0	68.3
480	1/11/2024 10:04:22	80.5	67.2	61.9	60.6
481	1/11/2024 10:04:24	88.8	61.9	57.1	56.3
482	1/11/2024 10:04:26	90.8	57.1	55.9	55.9
483	1/11/2024 10:04:28	89.5	56.4	55.9	56.2
484	1/11/2024 10:04:30	86.1	56.2	54.4	54.5
485	1/11/2024 10:04:32	78.9	54.4	52.8	52.7
486	1/11/2024 10:04:34	79.2	52.8	51.8	51.8
487	1/11/2024 10:04:36	81.7	52.1	51.7	52.0
488	1/11/2024 10:04:38	81.4	52.5	52.1	52.4
489	1/11/2024 10:04:40	82.1	52.6	52.0	52.5
490	1/11/2024 10:04:42	85.5	54.6	52.6	54.6

491	1/11/2024 10:04:44	83.9	54.5	53.2	53.2
492	1/11/2024 10:04:46	82.7	53.3	52.7	52.8
493	1/11/2024 10:04:48	82.5	53.7	52.7	53.6
494	1/11/2024 10:04:50	91.5	54.8	53.3	54.5
495	1/11/2024 10:04:52	92.4	59.6	54.8	58.9
496	1/11/2024 10:04:54	90.8	59.4	57.4	57.2
497	1/11/2024 10:04:56	90.1	57.9	57.2	57.7
498	1/11/2024 10:04:58	95.9	58.5	56.6	57.9
499	1/11/2024 10:05:00	86.9	58.4	56.3	56.2
500	1/11/2024 10:05:02	88.9	57.0	55.2	55.8
501	1/11/2024 10:05:04	82.8	55.1	54.0	54.0
502	1/11/2024 10:05:06	83.8	54.4	54.0	54.3
503	1/11/2024 10:05:08	83.3	55.1	54.1	54.6
504	1/11/2024 10:05:10	85.6	54.6	54.2	54.6
505	1/11/2024 10:05:12	81.8	54.8	54.5	54.8
506	1/11/2024 10:05:14	81.3	57.5	54.9	57.2
507	1/11/2024 10:05:16	83.7	65.6	57.5	64.8
508	1/11/2024 10:05:18	86.5	69.3	65.6	69.5
509	1/11/2024 10:05:20	84.4	68.6	64.5	63.9
510	1/11/2024 10:05:22	80.6	64.5	59.5	58.1
511	1/11/2024 10:05:24	82.3	59.5	56.7	56.3
512	1/11/2024 10:05:26	93.2	56.7	56.2	56.3
513	1/11/2024 10:05:28	87.3	57.0	55.5	55.8
514	1/11/2024 10:05:30	84.3	55.5	55.0	55.2
515	1/11/2024 10:05:32	84.6	60.1	55.5	60.1
516	1/11/2024 10:05:34	84.7	63.3	60.1	63.2
517	1/11/2024 10:05:36	88.2	63.0	62.0	61.9
518	1/11/2024 10:05:38	96.9	62.1	59.9	60.4
519	1/11/2024 10:05:40	90.8	62.1	60.9	61.4
520	1/11/2024 10:05:42	91.5	64.3	60.4	63.8
521	1/11/2024 10:05:44	90.7	67.0	64.3	66.2
522	1/11/2024 10:05:46	90.1	65.0	61.3	60.0
523	1/11/2024 10:05:48	92.2	61.4	59.9	59.6
524	1/11/2024 10:05:50	97.6	66.7	59.9	65.5
525	1/11/2024 10:05:52	87.2	66.6	64.4	64.2
526	1/11/2024 10:05:54	87.4	71.6	65.3	71.5
527	1/11/2024 10:05:56	88.2	71.4	67.4	67.4
528	1/11/2024 10:05:58	83.5	67.4	62.0	60.8
529	1/11/2024 10:06:00	84.6	62.0	58.0	57.1
530	1/11/2024 10:06:02	81.3	58.0	55.8	55.5
531	1/11/2024 10:06:04	80.1	55.8	54.1	53.8
532	1/11/2024 10:06:06	81.3	54.1	53.6	53.7
533	1/11/2024 10:06:08	82.9	54.1	53.5	54.1
534	1/11/2024 10:06:10	83.2	54.9	53.9	54.8
535	1/11/2024 10:06:12	79.9	54.8	54.1	54.0
536	1/11/2024 10:06:14	80.6	54.6	53.9	54.3
537	1/11/2024 10:06:16	80.5	54.5	53.6	53.6
538	1/11/2024 10:06:18	79.4	53.8	53.4	53.6
539	1/11/2024 10:06:20	80.4	53.8	53.3	53.4
540	1/11/2024 10:06:22	81.4	56.6	53.6	56.1
541	1/11/2024 10:06:24	81.0	55.6	54.6	54.9
542	1/11/2024 10:06:26	79.0	54.6	53.0	52.8
543	1/11/2024 10:06:28	80.1	53.1	52.7	52.7
544	1/11/2024 10:06:30	80.2	52.8	52.6	52.6
545	1/11/2024 10:06:32	79.3	53.2	52.6	53.2
546	1/11/2024 10:06:34	80.6	57.0	53.1	56.6
547	1/11/2024 10:06:36	82.8	64.9	57.0	64.2
548	1/11/2024 10:06:38	84.5	68.9	64.9	68.9
549	1/11/2024 10:06:40	82.5	68.0	64.6	63.9
550	1/11/2024 10:06:42	81.3	64.6	60.1	59.3
551	1/11/2024 10:06:44	80.0	60.1	55.7	54.9
552	1/11/2024 10:06:46	78.3	55.7	53.1	52.4

553	1/11/2024 10:06:48	81.1	53.5	52.8	53.2
554	1/11/2024 10:06:50	80.2	53.9	53.4	53.8
555	1/11/2024 10:06:52	81.8	58.3	53.9	57.9
556	1/11/2024 10:06:54	83.2	65.6	58.3	65.1
557	1/11/2024 10:06:56	84.9	67.3	65.2	66.4
558	1/11/2024 10:06:58	84.2	65.2	60.9	60.3
559	1/11/2024 10:07:00	84.1	60.9	57.2	56.4
560	1/11/2024 10:07:02	83.5	57.3	55.0	54.6
561	1/11/2024 10:07:04	84.7	56.9	53.8	56.0
562	1/11/2024 10:07:06	80.8	56.9	55.6	55.8
563	1/11/2024 10:07:08	81.1	56.4	54.1	54.2
564	1/11/2024 10:07:10	83.3	56.4	54.8	56.6
565	1/11/2024 10:07:12	82.3	57.3	56.0	57.1
566	1/11/2024 10:07:14	86.6	57.0	55.9	55.8
567	1/11/2024 10:07:16	82.4	56.0	54.0	53.9
568	1/11/2024 10:07:18	83.4	55.2	54.1	55.1
569	1/11/2024 10:07:20	82.1	56.3	54.5	56.0
570	1/11/2024 10:07:22	81.9	56.3	53.8	53.6
571	1/11/2024 10:07:24	80.5	54.2	53.4	54.0
572	1/11/2024 10:07:26	81.3	55.3	54.1	55.1
573	1/11/2024 10:07:28	80.0	59.3	55.3	58.9
574	1/11/2024 10:07:30	82.5	61.3	59.3	61.5
575	1/11/2024 10:07:32	81.1	61.0	59.5	59.6
576	1/11/2024 10:07:34	79.3	59.5	57.6	57.3
577	1/11/2024 10:07:36	78.5	57.7	55.7	55.5
578	1/11/2024 10:07:38	79.5	55.7	55.0	55.0
579	1/11/2024 10:07:40	79.3	55.1	54.3	54.3
580	1/11/2024 10:07:42	78.8	54.5	53.6	53.9
581	1/11/2024 10:07:44	80.0	53.6	52.8	52.7
582	1/11/2024 10:07:46	98.1	63.1	52.7	60.6
583	1/11/2024 10:07:48	80.0	62.9	56.7	53.5
584	1/11/2024 10:07:50	78.3	56.7	54.0	53.2
585	1/11/2024 10:07:52	79.7	54.0	52.8	52.6
586	1/11/2024 10:07:54	84.4	54.7	52.8	54.2
587	1/11/2024 10:07:56	85.9	59.2	54.7	59.1
588	1/11/2024 10:07:58	86.2	60.7	59.1	60.6
589	1/11/2024 10:08:00	88.7	60.6	59.6	60.2
590	1/11/2024 10:08:02	83.3	60.3	58.0	57.7
591	1/11/2024 10:08:04	85.2	59.0	57.8	58.1
592	1/11/2024 10:08:06	83.6	57.8	55.7	55.3
593	1/11/2024 10:08:08	82.5	55.7	54.9	54.8
594	1/11/2024 10:08:10	84.0	57.6	55.0	57.2
595	1/11/2024 10:08:12	84.6	62.6	57.6	62.1
596	1/11/2024 10:08:14	88.3	70.0	62.6	69.6
597	1/11/2024 10:08:16	89.1	71.0	68.6	69.5
598	1/11/2024 10:08:18	87.9	68.6	62.7	60.5
599	1/11/2024 10:08:20	87.6	62.9	58.7	57.6
600	1/11/2024 10:08:22	84.2	58.7	57.3	57.0
601	1/11/2024 10:08:24	90.2	58.5	55.9	57.2

STA6 - Logger results

No.	Date & time	P1 - Profile1 LCpeak (TH) [dB]	P1 - Profile1 (A, Slow) LASmax (TH) [dB]	P1 - Profile1 (A, Slow) LASmin (TH) [dB]	P1 - Profile1 (A, Lin) LAeq (TH) [dB]
1	1/11/2024 10:14:50	98.5	69.3	67.2	66.9
2	1/11/2024 10:14:52	102.6	70.0	67.0	69.4
3	1/11/2024 10:14:54	99.5	70.6	69.0	70.0
4	1/11/2024 10:14:56	103.2	70.3	68.0	68.1
5	1/11/2024 10:14:58	101.8	70.0	67.8	69.2
6	1/11/2024 10:15:00	105.6	69.7	68.2	68.9
7	1/11/2024 10:15:02	100.7	70.0	68.4	69.7
8	1/11/2024 10:15:04	101.8	69.6	67.1	66.7
9	1/11/2024 10:15:06	97.2	69.2	66.6	67.7
10	1/11/2024 10:15:08	92.4	68.2	66.2	67.3
11	1/11/2024 10:15:10	102.5	69.9	66.8	69.7
12	1/11/2024 10:15:12	96.4	69.4	68.3	68.5
13	1/11/2024 10:15:14	93.9	68.3	67.1	67.1
14	1/11/2024 10:15:16	95.0	67.5	66.5	66.4
15	1/11/2024 10:15:18	104.5	67.9	66.5	67.6
16	1/11/2024 10:15:20	93.6	66.9	65.6	65.4
17	1/11/2024 10:15:22	92.8	65.7	64.9	64.9
18	1/11/2024 10:15:24	101.8	65.7	64.5	65.2
19	1/11/2024 10:15:26	93.8	65.9	64.9	65.6
20	1/11/2024 10:15:28	98.8	66.4	65.4	65.8
21	1/11/2024 10:15:30	103.2	66.6	65.3	66.2
22	1/11/2024 10:15:32	95.5	67.3	64.8	66.1
23	1/11/2024 10:15:34	92.8	66.1	65.5	65.6
24	1/11/2024 10:15:36	92.7	66.5	65.5	66.2
25	1/11/2024 10:15:38	102.9	67.6	66.4	67.4
26	1/11/2024 10:15:40	93.1	66.8	65.3	65.3
27	1/11/2024 10:15:42	93.5	66.0	64.7	65.5
28	1/11/2024 10:15:44	92.4	67.1	66.0	67.3
29	1/11/2024 10:15:46	90.1	67.5	66.7	67.0
30	1/11/2024 10:15:48	93.3	74.6	66.7	73.7
31	1/11/2024 10:15:50	94.3	74.6	73.2	73.5
32	1/11/2024 10:15:52	92.6	73.7	70.8	70.3
33	1/11/2024 10:15:54	103.3	75.3	70.8	74.2
34	1/11/2024 10:15:56	97.0	73.5	68.5	67.0
35	1/11/2024 10:15:58	96.8	68.7	67.7	68.2
36	1/11/2024 10:16:00	94.8	71.4	68.5	70.1
37	1/11/2024 10:16:02	89.7	68.5	66.6	66.4
38	1/11/2024 10:16:04	91.5	67.3	66.7	67.1
39	1/11/2024 10:16:06	94.6	67.2	64.5	64.2
40	1/11/2024 10:16:08	102.1	66.9	64.7	66.9
41	1/11/2024 10:16:10	93.5	67.5	66.5	67.2
42	1/11/2024 10:16:12	93.3	69.9	67.5	69.7
43	1/11/2024 10:16:14	91.5	71.0	69.1	69.8
44	1/11/2024 10:16:16	92.2	69.1	66.0	65.6
45	1/11/2024 10:16:18	90.0	66.0	65.0	64.8
46	1/11/2024 10:16:20	91.1	65.6	65.2	65.4
47	1/11/2024 10:16:22	90.4	65.4	64.5	64.4
48	1/11/2024 10:16:24	90.7	65.4	64.2	65.0
49	1/11/2024 10:16:26	91.7	67.3	65.4	67.2
50	1/11/2024 10:16:28	94.7	72.6	67.2	71.9
51	1/11/2024 10:16:30	91.6	70.9	67.2	67.5
52	1/11/2024 10:16:32	93.2	67.2	65.3	64.6
53	1/11/2024 10:16:34	93.8	70.4	65.2	69.8
54	1/11/2024 10:16:36	94.3	70.6	66.5	66.5
55	1/11/2024 10:16:38	90.8	66.5	64.8	64.3
56	1/11/2024 10:16:40	90.1	64.9	64.1	64.1

57	1/11/2024 10:16:42	92.8	65.1	64.0	64.8
58	1/11/2024 10:16:44	93.4	66.8	65.1	66.6
59	1/11/2024 10:16:46	93.5	67.0	66.0	66.3
60	1/11/2024 10:16:48	92.2	66.1	64.9	65.0
61	1/11/2024 10:16:50	90.4	65.8	64.8	65.5
62	1/11/2024 10:16:52	91.9	65.7	64.3	64.4
63	1/11/2024 10:16:54	94.1	66.1	64.0	65.7
64	1/11/2024 10:16:56	92.6	66.6	65.9	66.2
65	1/11/2024 10:16:58	95.5	66.8	65.8	66.5
66	1/11/2024 10:17:00	93.2	66.8	65.8	65.9
67	1/11/2024 10:17:02	93.8	66.8	65.7	66.6
68	1/11/2024 10:17:04	93.8	67.1	66.3	66.8
69	1/11/2024 10:17:06	92.1	66.5	65.8	65.7
70	1/11/2024 10:17:08	91.0	66.2	65.7	66.1
71	1/11/2024 10:17:10	91.1	65.9	64.7	64.6
72	1/11/2024 10:17:12	91.0	65.6	64.5	65.5
73	1/11/2024 10:17:14	91.5	65.5	65.2	65.4
74	1/11/2024 10:17:16	91.8	65.9	65.5	65.8
75	1/11/2024 10:17:18	95.0	66.1	65.5	66.0
76	1/11/2024 10:17:20	93.4	66.1	65.3	65.3
77	1/11/2024 10:17:22	96.7	68.4	65.5	67.7
78	1/11/2024 10:17:24	91.8	67.3	65.7	65.3
79	1/11/2024 10:17:26	91.3	65.7	65.2	65.2
80	1/11/2024 10:17:28	93.2	65.4	65.0	65.2
81	1/11/2024 10:17:30	92.0	65.9	65.1	65.7
82	1/11/2024 10:17:32	91.4	66.6	65.1	66.5
83	1/11/2024 10:17:34	91.0	66.5	65.6	65.6
84	1/11/2024 10:17:36	89.5	65.7	64.2	64.1
85	1/11/2024 10:17:38	94.4	64.2	63.7	63.9
86	1/11/2024 10:17:40	98.4	66.8	64.2	66.6
87	1/11/2024 10:17:42	95.7	67.6	66.7	67.7
88	1/11/2024 10:17:44	94.2	68.5	67.1	68.1
89	1/11/2024 10:17:46	95.4	68.1	67.2	67.3
90	1/11/2024 10:17:48	93.6	67.8	67.4	67.6
91	1/11/2024 10:17:50	93.3	67.7	66.8	67.0
92	1/11/2024 10:17:52	92.7	66.8	65.5	65.6
93	1/11/2024 10:17:54	96.8	65.7	64.8	65.3
94	1/11/2024 10:17:56	95.5	65.8	64.9	65.0
95	1/11/2024 10:17:58	103.0	65.2	64.5	64.6
96	1/11/2024 10:18:00	93.7	65.8	64.4	65.6
97	1/11/2024 10:18:02	114.1	70.2	65.5	69.2
98	1/11/2024 10:18:04	114.1	72.8	69.1	72.5
99	1/11/2024 10:18:06	111.7	75.1	71.9	74.2
100	1/11/2024 10:18:08	106.8	73.7	68.7	67.6
101	1/11/2024 10:18:10	98.1	68.7	65.6	64.8
102	1/11/2024 10:18:12	91.9	66.1	65.2	65.8
103	1/11/2024 10:18:14	96.2	65.9	65.3	65.3
104	1/11/2024 10:18:16	92.2	65.4	64.4	64.4
105	1/11/2024 10:18:18	91.4	65.8	64.5	65.8
106	1/11/2024 10:18:20	95.2	65.8	65.3	65.4
107	1/11/2024 10:18:22	102.3	65.8	65.0	65.6
108	1/11/2024 10:18:24	95.7	66.4	65.7	66.1
109	1/11/2024 10:18:26	96.5	66.3	65.8	66.2
110	1/11/2024 10:18:28	95.3	72.6	66.2	70.7
111	1/11/2024 10:18:30	94.5	68.1	66.2	67.0
112	1/11/2024 10:18:32	93.2	71.2	68.1	70.1
113	1/11/2024 10:18:34	98.9	69.0	67.6	67.5
114	1/11/2024 10:18:36	100.9	69.5	67.5	68.5
115	1/11/2024 10:18:38	104.6	68.0	65.6	66.3
116	1/11/2024 10:18:40	91.0	67.1	64.8	66.0
117	1/11/2024 10:18:42	92.7	72.1	64.7	70.2
118	1/11/2024 10:18:44	101.8	73.6	69.3	70.6

119	1/11/2024 10:18:46	95.9	73.3	69.2	72.8
120	1/11/2024 10:18:48	93.0	72.2	68.8	67.9
121	1/11/2024 10:18:50	92.1	71.7	68.0	70.5
122	1/11/2024 10:18:52	89.1	70.9	67.0	66.5
123	1/11/2024 10:18:54	105.2	68.7	66.0	67.8
124	1/11/2024 10:18:56	112.5	76.3	68.6	76.5
125	1/11/2024 10:18:58	112.8	77.0	75.1	75.7
126	1/11/2024 10:19:00	115.4	75.7	71.6	72.1
127	1/11/2024 10:19:02	104.0	75.2	69.1	73.2
128	1/11/2024 10:19:04	101.6	74.3	70.7	71.5
129	1/11/2024 10:19:06	96.1	72.0	66.8	64.8
130	1/11/2024 10:19:08	94.0	70.0	66.7	68.3
131	1/11/2024 10:19:10	94.1	66.7	64.9	64.7
132	1/11/2024 10:19:12	97.7	65.5	64.8	65.3
133	1/11/2024 10:19:14	95.1	66.6	65.3	66.3
134	1/11/2024 10:19:16	91.0	67.1	65.8	66.7
135	1/11/2024 10:19:18	89.7	66.6	65.3	65.3
136	1/11/2024 10:19:20	90.6	67.1	64.6	66.0
137	1/11/2024 10:19:22	91.7	71.7	66.5	71.4
138	1/11/2024 10:19:24	92.8	70.9	68.8	69.5
139	1/11/2024 10:19:26	90.5	69.9	66.7	65.8
140	1/11/2024 10:19:28	100.2	66.7	66.3	66.5
141	1/11/2024 10:19:30	106.8	70.4	66.7	69.6
142	1/11/2024 10:19:32	98.8	70.1	68.2	67.7
143	1/11/2024 10:19:34	106.8	73.2	68.2	72.8
144	1/11/2024 10:19:36	108.0	74.1	72.4	73.7
145	1/11/2024 10:19:38	109.5	74.9	70.7	71.8
146	1/11/2024 10:19:40	108.2	71.1	69.7	70.4
147	1/11/2024 10:19:42	105.9	70.7	68.4	68.3
148	1/11/2024 10:19:44	102.5	70.9	68.8	70.8
149	1/11/2024 10:19:46	105.9	71.0	68.1	68.3
150	1/11/2024 10:19:48	92.5	68.7	66.5	66.2
151	1/11/2024 10:19:50	92.5	67.5	66.4	67.3
152	1/11/2024 10:19:52	97.6	67.2	66.2	66.4
153	1/11/2024 10:19:54	106.3	68.0	66.0	67.0
154	1/11/2024 10:19:56	91.1	70.2	65.7	69.9
155	1/11/2024 10:19:58	94.1	70.2	68.1	68.6
156	1/11/2024 10:20:00	96.4	68.1	66.5	66.2
157	1/11/2024 10:20:02	91.5	66.5	66.2	66.2
158	1/11/2024 10:20:04	90.7	66.8	66.2	66.7
159	1/11/2024 10:20:06	90.0	66.6	66.1	66.2
160	1/11/2024 10:20:08	94.2	66.5	66.0	66.4
161	1/11/2024 10:20:10	91.9	66.9	66.3	66.7
162	1/11/2024 10:20:12	89.1	66.7	66.3	66.5
163	1/11/2024 10:20:14	112.5	72.7	66.6	71.5
164	1/11/2024 10:20:16	110.8	75.5	72.6	75.1
165	1/11/2024 10:20:18	109.2	75.1	72.8	72.6
166	1/11/2024 10:20:20	106.8	73.3	71.5	72.5
167	1/11/2024 10:20:22	108.2	78.4	72.3	76.7
168	1/11/2024 10:20:24	111.0	77.4	72.8	73.7
169	1/11/2024 10:20:26	99.0	72.8	69.3	68.5
170	1/11/2024 10:20:28	98.0	69.3	67.5	67.3
171	1/11/2024 10:20:30	91.6	67.9	66.1	65.8
172	1/11/2024 10:20:32	92.0	66.1	65.3	65.8
173	1/11/2024 10:20:34	90.5	66.2	65.9	66.1
174	1/11/2024 10:20:36	93.2	67.0	65.8	66.6
175	1/11/2024 10:20:38	103.7	72.8	66.4	72.2
176	1/11/2024 10:20:40	107.2	71.0	69.1	70.4
177	1/11/2024 10:20:42	101.2	70.9	69.1	69.2
178	1/11/2024 10:20:44	100.8	69.1	67.6	67.5
179	1/11/2024 10:20:46	94.1	68.8	67.2	68.1
180	1/11/2024 10:20:48	99.8	68.7	67.2	68.2

181	1/11/2024 10:20:50	113.7	72.3	68.7	72.3
182	1/11/2024 10:20:52	109.4	79.7	72.1	77.5
183	1/11/2024 10:20:54	120.9	82.2	75.1	81.8
184	1/11/2024 10:20:56	120.5	82.3	79.5	81.1
185	1/11/2024 10:20:58	114.3	81.7	77.7	77.6
186	1/11/2024 10:21:00	116.1	80.3	77.3	78.0
187	1/11/2024 10:21:02	114.0	77.3	74.2	75.1
188	1/11/2024 10:21:04	116.7	79.2	75.5	78.0
189	1/11/2024 10:21:06	122.2	82.7	78.6	81.0
190	1/11/2024 10:21:08	121.3	80.1	75.5	77.5
191	1/11/2024 10:21:10	110.1	79.0	75.1	73.5
192	1/11/2024 10:21:12	107.2	75.3	72.0	71.8
193	1/11/2024 10:21:14	111.9	78.1	71.7	77.8
194	1/11/2024 10:21:16	125.9	87.5	77.9	86.1
195	1/11/2024 10:21:18	116.2	86.3	80.1	79.4
196	1/11/2024 10:21:20	114.7	80.0	75.0	74.2
197	1/11/2024 10:21:22	115.5	76.9	73.9	76.2
198	1/11/2024 10:21:24	105.8	76.5	72.3	71.1
199	1/11/2024 10:21:26	104.5	72.3	70.4	70.2
200	1/11/2024 10:21:28	102.6	70.4	69.3	69.2
201	1/11/2024 10:21:30	104.9	71.6	69.2	71.0
202	1/11/2024 10:21:32	104.8	72.0	70.9	71.2
203	1/11/2024 10:21:34	101.8	70.9	69.0	68.7
204	1/11/2024 10:21:36	93.1	69.2	67.4	67.1
205	1/11/2024 10:21:38	91.8	67.8	67.0	67.1
206	1/11/2024 10:21:40	98.5	67.0	66.5	66.5
207	1/11/2024 10:21:42	102.9	69.7	66.7	69.4
208	1/11/2024 10:21:44	104.3	69.4	68.8	68.9
209	1/11/2024 10:21:46	107.0	69.7	67.9	69.2
210	1/11/2024 10:21:48	100.3	69.8	68.2	68.1
211	1/11/2024 10:21:50	106.4	72.7	67.9	72.1
212	1/11/2024 10:21:52	113.0	80.5	72.6	80.9
213	1/11/2024 10:21:54	110.3	81.9	77.3	78.8
214	1/11/2024 10:21:56	116.7	79.9	74.7	76.5
215	1/11/2024 10:21:58	106.0	74.7	70.3	68.6
216	1/11/2024 10:22:00	99.1	70.3	66.9	66.2
217	1/11/2024 10:22:02	99.3	67.4	66.5	67.1
218	1/11/2024 10:22:04	106.1	69.6	67.4	68.7
219	1/11/2024 10:22:06	99.1	67.6	65.5	65.2
220	1/11/2024 10:22:08	91.2	65.9	65.5	65.9
221	1/11/2024 10:22:10	91.4	66.0	65.8	65.9
222	1/11/2024 10:22:12	91.7	67.0	65.9	67.0
223	1/11/2024 10:22:14	92.0	67.5	66.3	66.7
224	1/11/2024 10:22:16	92.7	66.3	65.6	65.8
225	1/11/2024 10:22:18	93.2	67.3	66.0	67.4
226	1/11/2024 10:22:20	91.8	67.8	66.7	67.1
227	1/11/2024 10:22:22	99.3	66.7	66.1	66.2
228	1/11/2024 10:22:24	94.4	66.1	65.5	65.5
229	1/11/2024 10:22:26	96.1	66.5	65.7	66.4
230	1/11/2024 10:22:28	97.0	66.8	66.2	66.8
231	1/11/2024 10:22:30	104.5	70.0	66.8	69.1
232	1/11/2024 10:22:32	107.3	70.9	67.9	68.6
233	1/11/2024 10:22:34	104.6	69.1	67.9	68.6
234	1/11/2024 10:22:36	100.1	68.5	68.0	68.1
235	1/11/2024 10:22:38	103.4	68.9	68.0	69.0
236	1/11/2024 10:22:40	97.9	68.9	68.1	68.0
237	1/11/2024 10:22:42	92.0	68.4	68.0	68.3
238	1/11/2024 10:22:44	96.1	69.7	68.3	69.7
239	1/11/2024 10:22:46	92.0	70.3	69.2	69.3
240	1/11/2024 10:22:48	106.3	73.7	69.1	73.6
241	1/11/2024 10:22:50	108.1	73.5	72.2	72.2
242	1/11/2024 10:22:52	127.2	93.0	71.9	90.2

243	1/11/2024 10:22:54	114.7	88.7	80.8	74.0
244	1/11/2024 10:22:56	95.1	80.8	73.3	67.1
245	1/11/2024 10:22:58	97.6	73.3	69.2	67.9
246	1/11/2024 10:23:00	98.2	69.2	68.3	68.2
247	1/11/2024 10:23:02	91.3	68.9	67.9	68.3
248	1/11/2024 10:23:04	113.4	71.4	67.6	70.4
249	1/11/2024 10:23:06	104.9	71.9	70.6	71.1
250	1/11/2024 10:23:08	110.5	73.5	70.5	72.5
251	1/11/2024 10:23:10	116.7	79.3	73.5	78.9
252	1/11/2024 10:23:12	113.1	78.3	74.0	73.4
253	1/11/2024 10:23:14	108.1	74.0	71.5	70.8
254	1/11/2024 10:23:16	119.0	80.1	71.3	79.5
255	1/11/2024 10:23:18	118.0	80.5	73.9	73.1
256	1/11/2024 10:23:20	94.3	73.9	69.1	67.2
257	1/11/2024 10:23:22	100.5	69.1	67.9	67.9
258	1/11/2024 10:23:24	98.6	67.9	67.5	67.5
259	1/11/2024 10:23:26	92.0	67.9	67.4	67.6
260	1/11/2024 10:23:28	90.7	67.4	66.5	66.5
261	1/11/2024 10:23:30	93.5	67.4	66.4	67.1
262	1/11/2024 10:23:32	100.0	69.9	67.4	69.5
263	1/11/2024 10:23:34	106.2	75.1	69.8	74.2
264	1/11/2024 10:23:36	97.6	75.8	72.5	72.8
265	1/11/2024 10:23:38	98.5	72.5	68.9	68.2
266	1/11/2024 10:23:40	96.7	68.9	68.4	68.6
267	1/11/2024 10:23:42	101.7	69.6	68.9	69.7
268	1/11/2024 10:23:44	94.2	69.6	69.1	69.3
269	1/11/2024 10:23:46	98.3	70.1	69.0	69.7
270	1/11/2024 10:23:48	103.1	70.6	69.5	70.3
271	1/11/2024 10:23:50	97.1	70.7	70.1	70.3
272	1/11/2024 10:23:52	91.5	70.2	68.3	68.2
273	1/11/2024 10:23:54	91.7	68.3	67.4	67.3
274	1/11/2024 10:23:56	93.3	68.8	67.5	68.8
275	1/11/2024 10:23:58	94.5	69.9	68.8	69.8
276	1/11/2024 10:24:00	95.2	69.6	69.0	69.1
277	1/11/2024 10:24:02	91.8	69.0	68.2	68.2
278	1/11/2024 10:24:04	97.0	68.4	68.1	68.3
279	1/11/2024 10:24:06	108.7	70.8	68.3	70.5
280	1/11/2024 10:24:08	103.3	70.2	69.2	69.5
281	1/11/2024 10:24:10	90.1	69.2	67.1	66.8
282	1/11/2024 10:24:12	111.3	73.9	67.0	73.3
283	1/11/2024 10:24:14	105.6	72.6	67.7	66.4
284	1/11/2024 10:24:16	92.5	67.7	66.4	66.1
285	1/11/2024 10:24:18	93.5	67.0	66.5	66.9
286	1/11/2024 10:24:20	108.3	69.9	66.9	69.6
287	1/11/2024 10:24:22	106.2	70.1	69.6	69.9
288	1/11/2024 10:24:24	101.9	69.9	68.2	68.0
289	1/11/2024 10:24:26	115.4	78.4	68.3	78.2
290	1/11/2024 10:24:28	118.2	85.2	78.0	84.6
291	1/11/2024 10:24:30	104.6	83.9	77.6	74.6
292	1/11/2024 10:24:32	117.3	79.6	76.5	78.4
293	1/11/2024 10:24:34	126.6	84.2	79.6	84.0
294	1/11/2024 10:24:36	114.7	84.6	78.8	79.5
295	1/11/2024 10:24:38	107.0	78.8	73.2	71.1
296	1/11/2024 10:24:40	111.1	75.5	73.0	75.0
297	1/11/2024 10:24:42	119.3	81.5	74.3	81.3
298	1/11/2024 10:24:44	122.8	85.1	81.4	83.6
299	1/11/2024 10:24:46	118.9	82.3	78.8	80.8
300	1/11/2024 10:24:48	114.7	82.3	76.3	75.3
301	1/11/2024 10:24:50	108.7	76.7	71.9	70.8
302	1/11/2024 10:24:52	109.8	71.9	70.0	70.2
303	1/11/2024 10:24:54	104.8	70.9	70.2	70.3
304	1/11/2024 10:24:56	99.3	70.8	70.0	70.2

305	1/11/2024 10:24:58	99.1	70.0	69.3	69.5
306	1/11/2024 10:25:00	108.4	71.3	69.7	71.2
307	1/11/2024 10:25:02	122.4	75.9	70.6	74.9
308	1/11/2024 10:25:04	106.3	74.3	70.7	70.2
309	1/11/2024 10:25:06	115.4	81.1	70.4	80.7
310	1/11/2024 10:25:08	111.2	82.9	78.0	79.6
311	1/11/2024 10:25:10	109.1	79.1	73.2	70.9
312	1/11/2024 10:25:12	101.1	73.2	69.7	68.6
313	1/11/2024 10:25:14	113.6	78.5	69.8	77.9
314	1/11/2024 10:25:16	116.6	80.6	76.3	79.1
315	1/11/2024 10:25:18	106.1	79.6	74.3	74.1
316	1/11/2024 10:25:20	100.3	74.3	70.2	68.8
317	1/11/2024 10:25:22	98.9	70.2	69.0	68.9
318	1/11/2024 10:25:24	102.5	70.8	69.3	70.7
319	1/11/2024 10:25:26	114.1	72.9	70.2	72.6
320	1/11/2024 10:25:28	105.0	72.2	71.1	71.3
321	1/11/2024 10:25:30	103.5	74.6	71.6	74.3
322	1/11/2024 10:25:32	103.9	73.4	71.6	71.4
323	1/11/2024 10:25:34	106.9	73.5	71.5	72.8
324	1/11/2024 10:25:36	102.5	73.9	72.2	73.7
325	1/11/2024 10:25:38	108.8	76.0	73.9	75.9
326	1/11/2024 10:25:40	106.6	75.5	74.2	74.0
327	1/11/2024 10:25:42	120.1	82.7	74.7	82.7
328	1/11/2024 10:25:44	120.1	81.9	80.0	81.1
329	1/11/2024 10:25:46	116.2	81.2	77.7	77.1
330	1/11/2024 10:25:48	119.6	78.4	76.6	77.5
331	1/11/2024 10:25:50	108.3	77.9	73.0	71.3
332	1/11/2024 10:25:52	96.4	73.0	70.1	69.5
333	1/11/2024 10:25:54	105.8	71.2	70.0	71.0
334	1/11/2024 10:25:56	113.4	73.1	70.5	71.8
335	1/11/2024 10:25:58	98.5	70.5	69.0	69.0
336	1/11/2024 10:26:00	106.7	70.6	69.2	70.2
337	1/11/2024 10:26:02	100.7	70.4	69.2	69.3
338	1/11/2024 10:26:04	104.3	71.7	69.3	71.3
339	1/11/2024 10:26:06	106.5	72.2	69.3	69.7
340	1/11/2024 10:26:08	94.9	69.3	68.3	68.3
341	1/11/2024 10:26:10	93.1	69.5	68.8	69.5
342	1/11/2024 10:26:12	100.8	70.3	69.5	69.9
343	1/11/2024 10:26:14	103.3	72.0	69.1	71.3
344	1/11/2024 10:26:16	96.3	72.6	70.4	70.7
345	1/11/2024 10:26:18	91.5	70.7	70.2	70.3
346	1/11/2024 10:26:20	91.8	70.9	69.7	70.4
347	1/11/2024 10:26:22	106.6	73.5	70.8	73.0
348	1/11/2024 10:26:24	116.9	81.6	73.5	82.1
349	1/11/2024 10:26:26	114.4	81.1	79.1	79.2
350	1/11/2024 10:26:28	116.7	80.8	78.3	79.3
351	1/11/2024 10:26:30	109.4	78.3	75.0	74.4
352	1/11/2024 10:26:32	107.6	75.0	72.4	72.1
353	1/11/2024 10:26:34	110.8	74.2	72.5	74.2
354	1/11/2024 10:26:36	102.1	74.6	73.3	73.5
355	1/11/2024 10:26:38	109.0	74.9	72.8	73.6
356	1/11/2024 10:26:40	102.8	72.8	71.0	70.5
357	1/11/2024 10:26:42	105.1	72.4	71.0	72.2
358	1/11/2024 10:26:44	98.7	73.7	72.2	72.9
359	1/11/2024 10:26:46	104.7	72.2	68.7	67.8
360	1/11/2024 10:26:48	96.0	68.7	68.3	68.4
361	1/11/2024 10:26:50	94.0	69.0	68.2	68.8
362	1/11/2024 10:26:52	114.7	76.0	68.9	74.7
363	1/11/2024 10:26:54	111.6	76.3	74.0	74.5
364	1/11/2024 10:26:56	118.0	79.1	74.3	78.3
365	1/11/2024 10:26:58	108.9	76.2	74.2	74.5
366	1/11/2024 10:27:00	114.3	77.8	75.5	77.8

367	1/11/2024 10:27:02	109.6	77.3	75.3	75.0
368	1/11/2024 10:27:04	115.4	76.4	73.2	73.6
369	1/11/2024 10:27:06	97.8	73.2	72.1	72.2
370	1/11/2024 10:27:08	99.5	75.5	72.7	75.7
371	1/11/2024 10:27:10	102.3	77.2	75.5	77.1
372	1/11/2024 10:27:12	102.8	78.2	77.2	77.8
373	1/11/2024 10:27:14	96.4	77.2	73.8	73.1
374	1/11/2024 10:27:16	100.4	73.9	72.8	73.3
375	1/11/2024 10:27:18	99.1	75.0	73.4	74.6
376	1/11/2024 10:27:20	101.8	75.4	72.7	73.0
377	1/11/2024 10:27:22	105.7	72.7	70.8	70.6
378	1/11/2024 10:27:24	112.5	75.5	71.3	74.9
379	1/11/2024 10:27:26	104.4	74.4	71.1	70.1
380	1/11/2024 10:27:28	107.5	71.7	70.4	70.9
381	1/11/2024 10:27:30	109.1	73.2	71.0	72.5
382	1/11/2024 10:27:32	115.6	73.2	71.1	72.9
383	1/11/2024 10:27:34	100.7	72.5	71.3	71.3
384	1/11/2024 10:27:36	96.7	73.0	71.1	72.8
385	1/11/2024 10:27:38	98.9	72.8	70.7	70.7
386	1/11/2024 10:27:40	100.6	72.4	69.9	71.2
387	1/11/2024 10:27:42	99.3	73.5	69.9	72.2
388	1/11/2024 10:27:44	104.2	71.9	70.8	71.4
389	1/11/2024 10:27:46	110.6	71.8	70.6	70.8
390	1/11/2024 10:27:48	93.8	70.8	67.7	66.8
391	1/11/2024 10:27:50	102.1	70.1	67.4	69.6
392	1/11/2024 10:27:52	94.1	69.8	68.8	68.8
393	1/11/2024 10:27:54	108.8	71.4	68.3	70.3
394	1/11/2024 10:27:56	114.4	76.6	71.4	75.8
395	1/11/2024 10:27:58	106.7	75.3	71.2	70.6
396	1/11/2024 10:28:00	103.0	71.2	69.5	69.5
397	1/11/2024 10:28:02	107.2	72.8	70.0	72.2
398	1/11/2024 10:28:04	112.5	73.1	69.1	69.8
399	1/11/2024 10:28:06	104.8	69.6	68.8	69.0
400	1/11/2024 10:28:08	97.6	68.9	67.9	67.7
401	1/11/2024 10:28:10	107.0	72.0	68.0	71.9
402	1/11/2024 10:28:12	108.2	72.3	70.5	70.9
403	1/11/2024 10:28:14	105.3	72.8	71.1	72.3
404	1/11/2024 10:28:16	102.8	72.0	70.4	71.0
405	1/11/2024 10:28:18	95.8	70.4	68.6	68.3
406	1/11/2024 10:28:20	97.8	68.6	67.4	67.6
407	1/11/2024 10:28:22	103.4	68.8	67.7	68.2
408	1/11/2024 10:28:24	103.7	68.6	67.8	68.2
409	1/11/2024 10:28:26	102.6	69.3	67.8	69.1
410	1/11/2024 10:28:28	114.5	73.3	69.1	73.5
411	1/11/2024 10:28:30	109.3	73.7	71.5	72.2
412	1/11/2024 10:28:32	101.1	71.5	67.9	67.2
413	1/11/2024 10:28:34	93.5	67.9	67.2	67.0
414	1/11/2024 10:28:36	101.3	68.0	66.9	67.7
415	1/11/2024 10:28:38	108.4	69.8	67.9	69.8
416	1/11/2024 10:28:40	102.1	70.3	69.0	69.4
417	1/11/2024 10:28:42	97.0	69.0	68.2	68.3
418	1/11/2024 10:28:44	94.3	68.3	67.9	68.1
419	1/11/2024 10:28:46	92.5	69.2	68.2	69.1
420	1/11/2024 10:28:48	99.3	70.0	69.2	70.0
421	1/11/2024 10:28:50	105.8	73.2	70.0	72.8
422	1/11/2024 10:28:52	114.4	74.1	71.9	73.6
423	1/11/2024 10:28:54	107.2	74.0	70.1	69.7
424	1/11/2024 10:28:56	97.8	70.1	68.3	68.2
425	1/11/2024 10:28:58	97.1	68.4	67.6	67.8
426	1/11/2024 10:29:00	100.2	71.1	67.6	69.8
427	1/11/2024 10:29:02	90.5	68.3	66.3	66.0
428	1/11/2024 10:29:04	91.8	66.3	65.6	65.6

429	1/11/2024 10:29:06	96.4	66.1	65.7	66.0
430	1/11/2024 10:29:08	95.9	66.7	66.0	66.7
431	1/11/2024 10:29:10	90.7	67.5	66.0	67.2
432	1/11/2024 10:29:12	91.1	67.7	66.4	66.7
433	1/11/2024 10:29:14	92.8	66.5	65.5	65.6
434	1/11/2024 10:29:16	97.3	65.5	64.8	64.8
435	1/11/2024 10:29:18	93.4	66.5	65.0	66.2
436	1/11/2024 10:29:20	92.6	67.3	66.3	66.7
437	1/11/2024 10:29:22	95.9	66.3	65.8	65.8
438	1/11/2024 10:29:24	95.0	66.4	65.6	65.8
439	1/11/2024 10:29:26	95.8	66.0	65.3	65.5
440	1/11/2024 10:29:28	101.6	66.6	64.9	66.0
441	1/11/2024 10:29:30	99.9	65.9	64.3	64.2
442	1/11/2024 10:29:32	96.8	64.5	63.6	63.7
443	1/11/2024 10:29:34	94.9	65.0	64.0	64.9
444	1/11/2024 10:29:36	90.0	64.6	64.2	64.4
445	1/11/2024 10:29:38	90.2	65.0	64.6	65.1
446	1/11/2024 10:29:40	95.0	66.3	65.0	66.3
447	1/11/2024 10:29:42	90.3	66.3	65.3	65.1
448	1/11/2024 10:29:44	92.4	66.3	65.2	66.0
449	1/11/2024 10:29:46	91.6	66.6	66.3	66.5
450	1/11/2024 10:29:48	92.4	67.1	66.3	66.9
451	1/11/2024 10:29:50	105.3	69.0	67.1	69.0
452	1/11/2024 10:29:52	94.7	68.6	67.9	67.9
453	1/11/2024 10:29:54	92.3	68.3	67.8	67.9
454	1/11/2024 10:29:56	92.4	68.6	67.8	68.5
455	1/11/2024 10:29:58	94.5	68.4	68.0	68.2
456	1/11/2024 10:30:00	95.0	68.6	68.0	68.6
457	1/11/2024 10:30:02	104.8	69.0	68.5	69.0
458	1/11/2024 10:30:04	92.8	68.9	68.0	68.1
459	1/11/2024 10:30:06	110.5	72.1	68.1	71.6
460	1/11/2024 10:30:08	111.2	75.7	71.6	74.5
461	1/11/2024 10:30:10	112.0	73.1	71.0	71.4
462	1/11/2024 10:30:12	109.3	73.3	71.6	72.9
463	1/11/2024 10:30:14	116.5	74.5	73.4	74.5
464	1/11/2024 10:30:16	120.1	77.6	74.0	76.3
465	1/11/2024 10:30:18	120.2	78.1	75.7	76.3
466	1/11/2024 10:30:20	116.5	78.2	73.3	76.4
467	1/11/2024 10:30:22	114.2	77.2	74.6	75.6
468	1/11/2024 10:30:24	113.9	76.3	73.1	72.5
469	1/11/2024 10:30:26	105.2	73.6	70.2	69.9
470	1/11/2024 10:30:28	101.6	70.6	69.0	69.0
471	1/11/2024 10:30:30	97.3	69.0	68.2	68.2
472	1/11/2024 10:30:32	97.1	68.5	67.6	67.6
473	1/11/2024 10:30:34	103.5	68.7	67.3	68.2
474	1/11/2024 10:30:36	109.5	71.0	68.5	70.3
475	1/11/2024 10:30:38	105.5	69.6	68.3	68.6
476	1/11/2024 10:30:40	112.3	73.3	69.1	72.5
477	1/11/2024 10:30:42	109.6	73.2	70.0	70.8
478	1/11/2024 10:30:44	105.5	70.8	69.0	70.1
479	1/11/2024 10:30:46	111.0	72.0	69.3	70.5
480	1/11/2024 10:30:48	93.0	69.3	66.3	65.4
481	1/11/2024 10:30:50	94.0	66.4	66.1	66.2
482	1/11/2024 10:30:52	98.4	67.3	66.0	67.1
483	1/11/2024 10:30:54	101.3	68.4	66.9	67.5
484	1/11/2024 10:30:56	93.7	66.9	65.3	65.0
485	1/11/2024 10:30:58	94.0	65.6	65.1	65.4
486	1/11/2024 10:31:00	96.1	66.1	65.4	66.0
487	1/11/2024 10:31:02	94.3	66.0	65.0	65.0
488	1/11/2024 10:31:04	93.2	67.2	64.9	66.8
489	1/11/2024 10:31:06	93.8	68.1	66.9	67.6
490	1/11/2024 10:31:08	93.7	67.9	66.7	67.9

491	1/11/2024 10:31:10	93.8	68.7	66.3	67.1
492	1/11/2024 10:31:12	97.3	66.3	65.0	64.8
493	1/11/2024 10:31:14	94.0	65.2	64.8	64.8
494	1/11/2024 10:31:16	107.0	69.8	64.7	69.1
495	1/11/2024 10:31:18	106.0	70.0	67.2	68.6
496	1/11/2024 10:31:20	110.0	71.1	68.7	70.2
497	1/11/2024 10:31:22	107.0	69.7	67.4	68.5
498	1/11/2024 10:31:24	106.6	70.1	69.5	69.8
499	1/11/2024 10:31:26	98.4	69.8	68.8	68.7
500	1/11/2024 10:31:28	98.4	70.8	68.8	70.8
501	1/11/2024 10:31:30	97.1	71.0	69.7	70.0
502	1/11/2024 10:31:32	100.6	72.4	69.7	72.0
503	1/11/2024 10:31:34	98.1	72.5	70.2	70.4
504	1/11/2024 10:31:36	99.2	70.2	69.0	69.3
505	1/11/2024 10:31:38	101.6	73.2	69.9	72.8
506	1/11/2024 10:31:40	101.6	73.5	72.3	72.8
507	1/11/2024 10:31:42	95.7	72.3	70.8	70.5
508	1/11/2024 10:31:44	97.5	71.3	70.5	71.3
509	1/11/2024 10:31:46	98.4	71.5	70.0	70.0
510	1/11/2024 10:31:48	94.5	70.6	69.8	70.2
511	1/11/2024 10:31:50	94.5	69.8	69.3	69.3
512	1/11/2024 10:31:52	95.1	70.7	69.5	70.1
513	1/11/2024 10:31:54	95.7	70.3	69.2	69.9
514	1/11/2024 10:31:56	96.3	69.8	69.1	69.1
515	1/11/2024 10:31:58	92.9	69.7	67.9	69.0
516	1/11/2024 10:32:00	98.0	70.3	69.1	69.7
517	1/11/2024 10:32:02	97.7	74.5	70.3	75.1
518	1/11/2024 10:32:04	94.6	74.2	71.5	70.9
519	1/11/2024 10:32:06	95.5	73.6	71.2	72.4
520	1/11/2024 10:32:08	94.2	72.4	71.0	72.1
521	1/11/2024 10:32:10	101.4	80.3	71.7	79.3
522	1/11/2024 10:32:12	101.3	80.6	76.1	76.8
523	1/11/2024 10:32:14	97.5	77.5	74.9	76.8
524	1/11/2024 10:32:16	96.5	77.4	73.6	72.4
525	1/11/2024 10:32:18	96.8	74.5	71.8	73.5
526	1/11/2024 10:32:20	98.1	74.0	71.5	72.6
527	1/11/2024 10:32:22	101.7	74.0	72.2	72.8
528	1/11/2024 10:32:24	95.4	73.6	71.1	72.3
529	1/11/2024 10:32:26	98.6	74.4	72.1	73.1
530	1/11/2024 10:32:28	112.1	78.8	71.9	78.0
531	1/11/2024 10:32:30	104.6	77.9	74.5	73.5
532	1/11/2024 10:32:32	104.8	77.5	74.8	77.0
533	1/11/2024 10:32:34	107.1	77.3	75.1	76.0
534	1/11/2024 10:32:36	104.0	76.2	73.3	72.8
535	1/11/2024 10:32:38	97.5	74.7	72.2	73.1
536	1/11/2024 10:32:40	104.2	72.8	71.5	72.1
537	1/11/2024 10:32:42	106.5	76.7	72.2	77.4
538	1/11/2024 10:32:44	99.1	76.5	73.8	73.3
539	1/11/2024 10:32:46	104.5	74.7	72.5	72.8
540	1/11/2024 10:32:48	105.3	73.7	71.1	73.2
541	1/11/2024 10:32:50	102.8	73.7	71.4	70.9
542	1/11/2024 10:32:52	99.0	72.0	70.4	71.6
543	1/11/2024 10:32:54	102.9	74.3	72.0	73.2
544	1/11/2024 10:32:56	107.8	73.3	70.8	71.6
545	1/11/2024 10:32:58	97.4	71.3	69.8	70.3
546	1/11/2024 10:33:00	92.9	69.8	68.1	68.1
547	1/11/2024 10:33:02	97.0	73.1	68.5	72.2
548	1/11/2024 10:33:04	100.0	73.2	69.4	69.2
549	1/11/2024 10:33:06	93.6	69.4	67.8	67.9
550	1/11/2024 10:33:08	94.0	69.2	67.9	69.3
551	1/11/2024 10:33:10	96.8	70.3	69.1	70.0
552	1/11/2024 10:33:12	92.3	69.7	68.2	67.9

553	1/11/2024 10:33:14	105.0	74.3	67.6	72.6
554	1/11/2024 10:33:16	114.8	77.6	74.2	77.7
555	1/11/2024 10:33:18	117.0	80.6	77.6	80.3
556	1/11/2024 10:33:20	116.2	79.2	75.3	75.0
557	1/11/2024 10:33:22	106.1	75.3	71.5	70.9
558	1/11/2024 10:33:24	101.1	71.5	69.4	68.8
559	1/11/2024 10:33:26	106.8	70.0	69.2	69.8
560	1/11/2024 10:33:28	117.8	80.0	69.7	79.2
561	1/11/2024 10:33:30	119.5	79.1	74.9	76.9
562	1/11/2024 10:33:32	113.8	78.0	76.2	76.7
563	1/11/2024 10:33:34	112.4	77.5	73.5	74.8
564	1/11/2024 10:33:36	111.3	74.4	72.9	73.5
565	1/11/2024 10:33:38	130.8	91.1	73.5	89.8
566	1/11/2024 10:33:40	127.8	93.5	89.8	93.5
567	1/11/2024 10:33:42	124.6	93.2	85.3	82.0
568	1/11/2024 10:33:44	106.4	85.3	78.4	75.9
569	1/11/2024 10:33:46	98.6	80.2	73.2	68.3
570	1/11/2024 10:33:48	96.2	73.2	70.1	69.1
571	1/11/2024 10:33:50	101.9	70.4	69.3	69.7
572	1/11/2024 10:33:52	104.8	70.9	69.4	69.9
573	1/11/2024 10:33:54	114.2	73.8	68.1	71.9
574	1/11/2024 10:33:56	109.0	74.6	70.6	71.2
575	1/11/2024 10:33:58	95.1	71.9	70.5	71.7
576	1/11/2024 10:34:00	96.3	72.3	69.9	70.2
577	1/11/2024 10:34:02	95.6	69.9	67.9	67.9
578	1/11/2024 10:34:04	105.8	68.4	66.9	67.2
579	1/11/2024 10:34:06	91.5	67.0	66.5	66.6
580	1/11/2024 10:34:08	97.7	67.3	66.5	67.1
581	1/11/2024 10:34:10	105.8	68.3	66.8	68.0
582	1/11/2024 10:34:12	101.8	68.3	67.5	67.5
583	1/11/2024 10:34:14	105.6	69.0	67.1	68.3
584	1/11/2024 10:34:16	101.7	69.0	68.2	68.4
585	1/11/2024 10:34:18	99.4	69.2	68.3	69.1
586	1/11/2024 10:34:20	109.5	70.6	69.2	70.6
587	1/11/2024 10:34:22	110.1	71.5	69.8	71.0
588	1/11/2024 10:34:24	99.0	71.4	68.6	68.0
589	1/11/2024 10:34:26	94.7	68.9	68.6	68.8
590	1/11/2024 10:34:28	96.3	68.8	68.0	68.1
591	1/11/2024 10:34:30	93.9	69.6	68.3	69.5
592	1/11/2024 10:34:32	96.3	70.0	69.2	69.7
593	1/11/2024 10:34:34	123.2	85.8	70.0	84.9
594	1/11/2024 10:34:36	119.4	85.2	77.8	73.4
595	1/11/2024 10:34:38	102.9	77.8	72.3	70.4
596	1/11/2024 10:34:40	108.6	72.4	71.3	71.9
597	1/11/2024 10:34:42	111.4	75.7	71.6	75.1
598	1/11/2024 10:34:44	111.0	75.5	73.2	73.4
599	1/11/2024 10:34:46	111.8	74.8	72.2	74.1
600	1/11/2024 10:34:48	107.8	75.1	73.2	73.5
601	1/11/2024 10:34:50	96.1	73.2	70.9	70.7

STA7 - Logger results

No.	Date & time	P1 - Profile1 LCpeak (TH) [dB]	P1 - Profile1 (A, Slow) LASmax (TH) [dB]	P1 - Profile1 (A, Slow) LASmin (TH) [dB]	P1 - Profile1 (A, Lin) LAeq (TH) [dB]	High vibration level
1	1/11/2024 10:42:54	89.6	60.1	59.2	59.2	0
2	1/11/2024 10:42:56	100.7	62.8	59.4	62.0	0
3	1/11/2024 10:42:58	86.3	62.1	59.8	59.4	0
4	1/11/2024 10:43:00	91.2	59.8	58.9	58.9	0
5	1/11/2024 10:43:02	84.1	59.9	58.9	59.8	0
6	1/11/2024 10:43:04	85.1	59.9	59.5	59.6	0
7	1/11/2024 10:43:06	81.9	59.5	59.1	59.4	0
8	1/11/2024 10:43:08	86.8	61.1	59.5	61.1	0
9	1/11/2024 10:43:10	105.7	67.3	60.5	66.3	0
10	1/11/2024 10:43:12	99.7	66.3	62.0	60.4	0
11	1/11/2024 10:43:14	99.5	62.9	61.3	61.9	0
12	1/11/2024 10:43:16	95.2	62.2	61.1	61.2	0
13	1/11/2024 10:43:18	92.2	61.7	60.6	61.2	0
14	1/11/2024 10:43:20	97.6	64.4	61.5	63.9	0
15	1/11/2024 10:43:22	102.9	64.1	62.8	63.4	0
16	1/11/2024 10:43:24	104.3	65.2	64.0	65.0	0
17	1/11/2024 10:43:26	105.7	68.2	63.2	67.0	0
18	1/11/2024 10:43:28	106.0	73.9	68.0	72.9	0
19	1/11/2024 10:43:30	105.6	75.1	69.9	71.5	0
20	1/11/2024 10:43:32	96.9	69.9	64.5	62.4	0
21	1/11/2024 10:43:34	100.6	65.7	63.8	65.2	0
22	1/11/2024 10:43:36	102.4	67.0	64.0	64.8	0
23	1/11/2024 10:43:38	87.9	64.0	62.6	62.5	0
24	1/11/2024 10:43:40	101.3	63.4	62.5	63.3	0
25	1/11/2024 10:43:42	97.6	65.7	63.4	65.6	0
26	1/11/2024 10:43:44	90.4	66.0	63.8	64.0	0
27	1/11/2024 10:43:46	102.7	69.8	63.3	68.7	0
28	1/11/2024 10:43:48	99.1	69.8	66.5	66.7	0

29	1/11/2024 10:43:50	85.1	66.5	64.7	64.4	0
30	1/11/2024 10:43:52	103.8	65.5	63.8	64.7	0
31	1/11/2024 10:43:54	99.3	65.7	64.0	64.1	0
32	1/11/2024 10:43:56	86.8	64.5	63.9	64.4	0
33	1/11/2024 10:43:58	89.8	64.4	61.8	61.4	0
34	1/11/2024 10:44:00	87.6	61.8	61.5	61.4	0
35	1/11/2024 10:44:02	100.8	65.2	61.3	64.1	0
36	1/11/2024 10:44:04	105.7	74.5	65.2	74.4	0
37	1/11/2024 10:44:06	104.5	74.3	68.5	68.3	0
38	1/11/2024 10:44:08	94.2	68.5	64.3	63.0	0
39	1/11/2024 10:44:10	90.5	64.3	62.1	61.7	0
40	1/11/2024 10:44:12	107.3	67.7	61.8	66.7	0
41	1/11/2024 10:44:14	102.1	66.4	64.2	64.0	0
42	1/11/2024 10:44:16	100.0	65.8	63.4	65.1	0
43	1/11/2024 10:44:18	98.7	65.0	62.9	63.0	0
44	1/11/2024 10:44:20	90.0	62.9	60.8	60.6	0
45	1/11/2024 10:44:22	83.8	60.8	59.4	59.1	0
46	1/11/2024 10:44:24	85.0	59.9	59.3	60.0	0
47	1/11/2024 10:44:26	100.0	61.7	59.7	61.2	0
48	1/11/2024 10:44:28	101.9	61.5	60.8	61.2	0
49	1/11/2024 10:44:30	101.7	63.9	61.5	63.2	0
50	1/11/2024 10:44:32	99.2	63.1	61.5	62.5	0
51	1/11/2024 10:44:34	101.3	66.5	62.2	65.5	0
52	1/11/2024 10:44:36	103.9	66.9	64.0	64.3	0
53	1/11/2024 10:44:38	114.3	82.1	63.4	80.8	0
54	1/11/2024 10:44:40	109.8	82.0	80.0	79.8	0
55	1/11/2024 10:44:42	107.8	80.7	75.3	76.2	0
56	1/11/2024 10:44:44	99.2	75.3	68.4	64.3	0
57	1/11/2024 10:44:46	94.8	68.4	64.4	63.3	0
58	1/11/2024 10:44:48	110.5	73.8	63.4	72.2	0
59	1/11/2024 10:44:50	102.2	72.9	67.5	65.0	0
60	1/11/2024	100.6	67.8	65.8	65.8	0

	10:44:52					
61	1/11/2024 10:44:54	100.0	65.9	62.8	62.6	0
62	1/11/2024 10:44:56	89.0	62.8	59.5	58.8	0
63	1/11/2024 10:44:58	81.0	59.5	59.2	59.2	0
64	1/11/2024 10:45:00	91.1	60.8	59.3	60.7	0
65	1/11/2024 10:45:02	93.8	61.4	60.8	61.3	0
66	1/11/2024 10:45:04	101.0	69.4	61.0	69.5	0
67	1/11/2024 10:45:06	108.2	73.0	68.1	72.4	0
68	1/11/2024 10:45:08	105.0	74.4	69.6	71.4	0
69	1/11/2024 10:45:10	105.1	74.4	69.5	73.3	0
70	1/11/2024 10:45:12	100.8	71.0	65.8	64.2	0
71	1/11/2024 10:45:14	102.1	65.8	63.2	62.9	0
72	1/11/2024 10:45:16	103.3	63.8	61.8	61.7	0
73	1/11/2024 10:45:18	94.3	62.5	61.9	62.6	0
74	1/11/2024 10:45:20	94.3	63.3	62.5	63.3	0
75	1/11/2024 10:45:22	95.8	64.0	63.2	63.9	0
76	1/11/2024 10:45:24	101.4	66.8	64.0	66.2	0
77	1/11/2024 10:45:26	103.8	66.2	63.1	62.9	0
78	1/11/2024 10:45:28	92.1	63.2	61.0	60.8	0
79	1/11/2024 10:45:30	101.1	68.5	60.5	67.5	0
80	1/11/2024 10:45:32	98.0	67.8	64.7	64.5	0
81	1/11/2024 10:45:34	89.1	64.7	60.9	59.7	0
82	1/11/2024 10:45:36	82.9	60.9	60.0	60.0	0
83	1/11/2024 10:45:38	81.0	60.2	59.8	60.0	0
84	1/11/2024 10:45:40	83.0	59.8	59.1	59.1	0
85	1/11/2024 10:45:42	94.5	59.4	58.8	59.1	0
86	1/11/2024 10:45:44	88.6	59.4	59.1	59.3	0
87	1/11/2024 10:45:46	93.2	60.1	59.3	59.9	0
88	1/11/2024 10:45:48	90.1	59.9	59.4	59.6	0
89	1/11/2024 10:45:50	93.6	61.1	59.8	61.1	0
90	1/11/2024 10:45:52	88.2	61.2	60.7	61.1	0
91	1/11/2024 10:45:54	91.0	66.8	60.5	64.9	0

92	1/11/2024 10:45:56	96.2	65.7	61.0	59.2	0
93	1/11/2024 10:45:58	92.5	61.0	59.9	59.7	0
94	1/11/2024 10:46:00	97.3	62.2	60.0	61.7	0
95	1/11/2024 10:46:02	99.8	61.9	60.3	60.4	0
96	1/11/2024 10:46:04	88.0	60.8	60.3	60.7	0
97	1/11/2024 10:46:06	83.4	61.6	60.7	61.5	0
98	1/11/2024 10:46:08	87.5	65.5	61.6	65.3	0
99	1/11/2024 10:46:10	99.9	65.4	63.8	64.3	0
100	1/11/2024 10:46:12	96.5	65.0	62.2	61.7	0
101	1/11/2024 10:46:14	87.5	62.2	60.3	60.0	0
102	1/11/2024 10:46:16	80.8	60.3	59.7	59.5	0
103	1/11/2024 10:46:18	82.9	59.7	59.3	59.3	0
104	1/11/2024 10:46:20	91.8	59.3	58.8	58.8	0
105	1/11/2024 10:46:22	84.8	60.3	59.0	60.3	0
106	1/11/2024 10:46:24	81.6	61.1	60.3	61.2	0
107	1/11/2024 10:46:26	90.8	61.3	60.9	61.1	0
108	1/11/2024 10:46:28	95.7	61.6	61.0	61.6	0
109	1/11/2024 10:46:30	102.8	63.7	61.4	62.9	0
110	1/11/2024 10:46:32	92.5	62.9	62.1	61.9	0
111	1/11/2024 10:46:34	101.0	64.0	62.2	63.9	0
112	1/11/2024 10:46:36	102.2	70.1	63.9	69.4	0
113	1/11/2024 10:46:38	91.1	68.9	64.6	63.4	0
114	1/11/2024 10:46:40	92.3	64.6	62.9	62.9	0
115	1/11/2024 10:46:42	85.0	62.9	61.2	60.8	0
116	1/11/2024 10:46:44	85.6	61.5	60.5	60.8	0
117	1/11/2024 10:46:46	82.4	60.5	59.6	59.6	0
118	1/11/2024 10:46:48	78.2	59.6	58.4	58.4	0
119	1/11/2024 10:46:50	79.9	58.5	58.3	58.4	0
120	1/11/2024 10:46:52	96.2	59.1	58.4	58.8	0
121	1/11/2024 10:46:54	78.5	59.0	58.5	59.0	0
122	1/11/2024 10:46:56	86.5	60.5	59.0	60.5	0
123	1/11/2024	95.1	61.7	60.5	61.6	0

	10:46:58					
124	1/11/2024 10:47:00	95.9	63.4	61.7	63.7	0
125	1/11/2024 10:47:02	95.6	63.4	62.9	63.0	0
126	1/11/2024 10:47:04	107.8	75.8	63.2	76.2	0
127	1/11/2024 10:47:06	102.1	75.3	69.2	69.5	0
128	1/11/2024 10:47:08	98.0	69.2	64.9	63.3	0
129	1/11/2024 10:47:10	99.2	64.9	61.2	60.1	0
130	1/11/2024 10:47:12	99.1	61.6	59.5	59.3	0
131	1/11/2024 10:47:14	90.2	59.5	58.9	58.9	0
132	1/11/2024 10:47:16	99.3	64.6	59.0	63.5	0
133	1/11/2024 10:47:18	96.9	63.4	61.5	63.0	0
134	1/11/2024 10:47:20	101.6	63.3	60.7	61.3	0
135	1/11/2024 10:47:22	88.3	60.8	59.2	58.9	0
136	1/11/2024 10:47:24	86.6	59.5	59.0	59.2	0
137	1/11/2024 10:47:26	88.3	60.5	59.1	60.5	0
138	1/11/2024 10:47:28	99.5	61.8	60.4	61.4	0
139	1/11/2024 10:47:30	93.0	62.8	61.3	62.4	0
140	1/11/2024 10:47:32	98.9	65.6	62.8	65.1	0
141	1/11/2024 10:47:34	90.1	64.6	61.8	61.3	0
142	1/11/2024 10:47:36	93.2	62.6	61.2	61.5	0
143	1/11/2024 10:47:38	105.4	71.2	61.4	71.1	0
144	1/11/2024 10:47:40	103.4	72.8	67.8	69.4	0
145	1/11/2024 10:47:42	85.8	67.8	62.7	60.9	0
146	1/11/2024 10:47:44	83.2	62.7	60.2	59.8	0
147	1/11/2024 10:47:46	87.0	60.2	59.3	59.4	0
148	1/11/2024 10:47:48	93.7	59.3	58.7	58.7	0
149	1/11/2024 10:47:50	88.9	59.5	58.9	59.4	0
150	1/11/2024 10:47:52	87.5	59.6	59.1	59.3	0
151	1/11/2024 10:47:54	90.9	59.3	58.9	59.0	0
152	1/11/2024 10:47:56	86.3	59.3	58.9	59.2	0
153	1/11/2024 10:47:58	89.8	59.8	59.3	59.8	0
154	1/11/2024 10:48:00	97.7	62.9	59.8	63.1	0

155	1/11/2024 10:48:02	86.0	62.8	61.2	61.0	0
156	1/11/2024 10:48:04	84.5	61.3	60.3	60.4	0
157	1/11/2024 10:48:06	86.9	60.4	58.6	58.6	0
158	1/11/2024 10:48:08	90.1	58.6	57.9	57.8	0
159	1/11/2024 10:48:10	91.0	59.1	58.1	59.1	0
160	1/11/2024 10:48:12	97.3	63.2	59.1	62.7	0
161	1/11/2024 10:48:14	103.4	64.4	61.5	63.8	0
162	1/11/2024 10:48:16	114.6	80.4	63.8	77.8	1
163	1/11/2024 10:48:18	109.1	73.5	66.9	64.6	0
164	1/11/2024 10:48:20	90.0	66.9	62.6	61.3	0
165	1/11/2024 10:48:22	105.5	65.3	62.1	64.9	0
166	1/11/2024 10:48:24	106.5	68.8	64.5	66.5	0
167	1/11/2024 10:48:26	97.0	64.5	61.8	61.3	0
168	1/11/2024 10:48:28	110.0	69.8	61.4	68.5	0
169	1/11/2024 10:48:30	108.2	70.6	65.2	65.8	0
170	1/11/2024 10:48:32	95.6	65.2	61.1	60.5	0
171	1/11/2024 10:48:34	96.9	61.3	59.7	60.4	0
172	1/11/2024 10:48:36	95.1	62.1	61.1	61.5	0
173	1/11/2024 10:48:38	93.7	61.2	60.0	59.9	0
174	1/11/2024 10:48:40	105.5	71.8	60.2	70.7	0
175	1/11/2024 10:48:42	101.2	72.2	67.8	68.7	0
176	1/11/2024 10:48:44	103.3	68.7	65.3	67.6	0
177	1/11/2024 10:48:46	102.4	70.8	68.2	70.2	0
178	1/11/2024 10:48:48	100.6	69.3	67.6	67.8	0
179	1/11/2024 10:48:50	100.8	67.7	62.2	61.0	0
180	1/11/2024 10:48:52	100.7	64.5	61.4	62.6	0
181	1/11/2024 10:48:54	96.4	61.4	59.3	59.0	0
182	1/11/2024 10:48:56	91.6	59.4	57.9	57.8	0
183	1/11/2024 10:48:58	96.1	60.1	57.9	60.0	0
184	1/11/2024 10:49:00	92.6	60.2	59.9	60.0	0
185	1/11/2024 10:49:02	96.3	60.6	59.5	60.1	0
186	1/11/2024	108.5	70.4	59.8	68.4	0

	10:49:04					
187	1/11/2024 10:49:06	102.4	70.7	68.1	68.8	0
188	1/11/2024 10:49:08	98.4	68.1	63.8	61.9	0
189	1/11/2024 10:49:10	97.0	63.8	61.7	61.9	0
190	1/11/2024 10:49:12	90.1	61.7	58.8	58.3	0
191	1/11/2024 10:49:14	95.0	58.8	58.0	58.1	0
192	1/11/2024 10:49:16	100.4	65.0	58.2	64.5	0
193	1/11/2024 10:49:18	101.3	64.5	61.6	63.4	0
194	1/11/2024 10:49:20	104.0	69.5	64.4	68.3	0
195	1/11/2024 10:49:22	104.6	69.2	63.2	67.5	0
196	1/11/2024 10:49:24	102.9	69.2	63.4	62.8	0
197	1/11/2024 10:49:26	100.9	63.5	59.0	59.1	0
198	1/11/2024 10:49:28	94.6	59.0	57.3	57.3	0
199	1/11/2024 10:49:30	85.4	58.4	57.0	57.3	0
200	1/11/2024 10:49:32	94.1	58.4	56.7	57.8	0
201	1/11/2024 10:49:34	85.4	58.0	57.1	57.6	0
202	1/11/2024 10:49:36	90.4	60.5	58.0	60.7	0
203	1/11/2024 10:49:38	96.1	62.8	60.5	62.7	0
204	1/11/2024 10:49:40	103.2	68.9	62.8	68.2	0
205	1/11/2024 10:49:42	96.6	68.3	65.2	64.7	0
206	1/11/2024 10:49:44	100.3	65.3	62.2	62.0	0
207	1/11/2024 10:49:46	95.5	62.2	60.8	60.6	0
208	1/11/2024 10:49:48	91.5	61.5	60.4	61.1	0
209	1/11/2024 10:49:50	89.0	61.9	60.7	61.6	0
210	1/11/2024 10:49:52	93.1	63.0	61.9	62.9	0
211	1/11/2024 10:49:54	102.1	64.3	62.9	63.4	0
212	1/11/2024 10:49:56	97.0	64.8	63.0	65.1	0
213	1/11/2024 10:49:58	105.3	67.5	64.8	66.9	0
214	1/11/2024 10:50:00	101.3	67.2	65.7	66.3	0
215	1/11/2024 10:50:02	107.2	72.1	67.2	70.0	0
216	1/11/2024 10:50:04	104.3	68.1	66.5	67.2	0
217	1/11/2024 10:50:06	97.9	67.2	66.6	66.4	0

218	1/11/2024 10:50:08	91.2	66.6	65.3	65.3	0
219	1/11/2024 10:50:10	96.6	66.9	64.7	66.4	0
220	1/11/2024 10:50:12	93.1	66.8	63.2	62.7	0
221	1/11/2024 10:50:14	103.1	64.2	62.7	63.9	0
222	1/11/2024 10:50:16	104.7	69.6	64.2	69.4	0
223	1/11/2024 10:50:18	97.5	69.2	66.8	66.2	0
224	1/11/2024 10:50:20	89.2	66.8	65.3	65.3	0
225	1/11/2024 10:50:22	104.5	66.7	64.3	65.7	0
226	1/11/2024 10:50:24	108.2	66.9	63.8	64.3	0
227	1/11/2024 10:50:26	101.8	68.0	62.4	66.2	0
228	1/11/2024 10:50:28	99.1	70.0	66.0	67.5	0
229	1/11/2024 10:50:30	102.9	66.5	65.2	65.5	0
230	1/11/2024 10:50:32	96.8	65.8	64.7	64.4	0
231	1/11/2024 10:50:34	105.8	69.6	64.5	68.6	0
232	1/11/2024 10:50:36	107.4	71.4	67.0	70.4	0
233	1/11/2024 10:50:38	103.0	70.8	66.8	65.4	0
234	1/11/2024 10:50:40	104.6	70.5	66.4	69.0	0
235	1/11/2024 10:50:42	108.9	73.5	67.2	72.1	0
236	1/11/2024 10:50:44	104.8	71.5	69.3	69.1	0
237	1/11/2024 10:50:46	96.7	69.3	64.8	63.1	0
238	1/11/2024 10:50:48	89.4	64.8	61.9	61.4	0
239	1/11/2024 10:50:50	90.2	61.9	60.9	60.7	0
240	1/11/2024 10:50:52	90.8	61.0	60.0	60.0	0
241	1/11/2024 10:50:54	91.3	60.5	59.8	60.2	0
242	1/11/2024 10:50:56	95.5	61.1	60.1	60.8	0
243	1/11/2024 10:50:58	86.5	60.2	59.8	59.8	0
244	1/11/2024 10:51:00	94.2	61.8	59.7	61.3	0
245	1/11/2024 10:51:02	88.1	61.0	59.9	59.7	0
246	1/11/2024 10:51:04	94.7	62.0	59.9	61.7	0
247	1/11/2024 10:51:06	96.2	62.9	62.0	62.3	0
248	1/11/2024 10:51:08	88.0	62.0	61.4	61.5	0
249	1/11/2024	105.8	74.9	60.8	73.6	0

	10:51:10					
250	1/11/2024 10:51:12	107.7	76.6	74.8	76.0	0
251	1/11/2024 10:51:14	103.8	75.4	68.3	64.6	0
252	1/11/2024 10:51:16	90.4	68.3	63.8	62.1	0
253	1/11/2024 10:51:18	90.3	63.9	63.5	63.7	0
254	1/11/2024 10:51:20	96.1	64.7	63.9	64.7	0
255	1/11/2024 10:51:22	103.9	70.4	64.3	69.1	0
256	1/11/2024 10:51:24	104.0	70.3	66.5	65.2	0
257	1/11/2024 10:51:26	107.4	72.6	66.4	72.2	0
258	1/11/2024 10:51:28	94.6	70.8	66.0	64.3	0
259	1/11/2024 10:51:30	94.1	66.0	63.5	63.4	0
260	1/11/2024 10:51:32	104.3	63.6	61.9	62.6	0
261	1/11/2024 10:51:34	104.7	74.1	63.6	73.3	0
262	1/11/2024 10:51:36	107.0	73.7	69.8	70.0	0
263	1/11/2024 10:51:38	95.6	69.8	64.3	62.6	0
264	1/11/2024 10:51:40	99.4	65.6	63.3	64.7	0
265	1/11/2024 10:51:42	96.4	64.8	63.5	63.3	0
266	1/11/2024 10:51:44	89.3	63.5	63.1	63.2	0
267	1/11/2024 10:51:46	100.6	69.3	63.3	68.6	0
268	1/11/2024 10:51:48	102.8	70.5	67.0	68.0	0
269	1/11/2024 10:51:50	98.3	67.8	62.9	61.5	0
270	1/11/2024 10:51:52	96.4	62.9	60.8	61.0	0
271	1/11/2024 10:51:54	100.5	67.1	60.5	65.8	0
272	1/11/2024 10:51:56	93.7	64.5	62.0	61.2	0
273	1/11/2024 10:51:58	93.5	62.2	61.2	61.3	0
274	1/11/2024 10:52:00	84.7	61.2	59.8	59.7	0
275	1/11/2024 10:52:02	89.3	60.0	59.4	59.5	0
276	1/11/2024 10:52:04	82.3	59.6	58.2	58.1	0
277	1/11/2024 10:52:06	91.6	58.3	57.9	58.1	0
278	1/11/2024 10:52:08	95.4	59.4	57.8	59.0	0
279	1/11/2024 10:52:10	92.5	59.2	58.2	58.2	0
280	1/11/2024 10:52:12	101.4	65.1	58.2	64.2	0

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281	1/11/2024 10:52:14	99.9	64.5	62.0	62.5	0
282	1/11/2024 10:52:16	91.1	61.9	59.1	58.3	0
283	1/11/2024 10:52:18	91.6	59.1	58.3	58.4	0
284	1/11/2024 10:52:20	93.7	58.8	57.9	58.4	0
285	1/11/2024 10:52:22	91.3	58.6	58.0	58.4	0
286	1/11/2024 10:52:24	97.5	61.8	58.5	61.2	0
287	1/11/2024 10:52:26	93.5	60.4	59.9	59.9	0
288	1/11/2024 10:52:28	84.3	59.9	59.6	59.6	0
289	1/11/2024 10:52:30	94.9	59.7	59.3	59.4	0
290	1/11/2024 10:52:32	93.6	60.3	59.3	60.1	0
291	1/11/2024 10:52:34	85.6	60.8	60.3	60.8	0
292	1/11/2024 10:52:36	81.1	61.0	60.5	60.6	0
293	1/11/2024 10:52:38	83.3	60.5	58.6	58.4	0
294	1/11/2024 10:52:40	100.5	60.3	58.2	59.4	0
295	1/11/2024 10:52:42	95.9	60.5	59.0	60.1	0
296	1/11/2024 10:52:44	101.8	63.5	60.5	62.7	0
297	1/11/2024 10:52:46	102.2	63.3	61.2	61.1	0
298	1/11/2024 10:52:48	98.1	62.2	61.7	62.0	0
299	1/11/2024 10:52:50	88.8	63.0	61.9	63.0	0
300	1/11/2024 10:52:52	98.5	64.7	62.7	64.0	0
301	1/11/2024 10:52:54	101.0	66.8	64.7	66.6	0
302	1/11/2024 10:52:56	101.3	68.4	65.9	67.9	0
303	1/11/2024 10:52:58	102.9	70.3	66.5	69.3	0
304	1/11/2024 10:53:00	98.8	71.0	65.8	66.3	0
305	1/11/2024 10:53:02	95.8	65.8	62.4	61.5	0
306	1/11/2024 10:53:04	96.2	62.6	60.8	60.7	0
307	1/11/2024 10:53:06	88.9	60.9	59.2	59.1	0
308	1/11/2024 10:53:08	92.7	59.4	58.4	58.4	0
309	1/11/2024 10:53:10	94.8	59.3	58.4	59.2	0
310	1/11/2024 10:53:12	95.9	59.5	58.8	59.3	0
311	1/11/2024 10:53:14	100.6	63.2	59.7	63.6	0
312	1/11/2024	95.1	63.3	60.6	61.0	0

	10:53:16					
313	1/11/2024 10:53:18	99.9	69.0	61.1	68.7	0
314	1/11/2024 10:53:20	96.1	69.0	63.4	61.6	0
315	1/11/2024 10:53:22	85.3	63.4	60.2	59.5	0
316	1/11/2024 10:53:24	80.3	60.2	59.3	59.1	0
317	1/11/2024 10:53:26	97.2	63.1	59.3	62.2	0
318	1/11/2024 10:53:28	97.5	65.1	63.1	65.1	0
319	1/11/2024 10:53:30	95.4	64.2	62.0	62.2	0
320	1/11/2024 10:53:32	97.6	63.1	62.2	62.5	0
321	1/11/2024 10:53:34	104.1	73.9	63.0	73.3	0
322	1/11/2024 10:53:36	102.8	73.4	70.3	69.5	0
323	1/11/2024 10:53:38	100.7	70.4	64.1	62.6	0
324	1/11/2024 10:53:40	102.5	66.7	63.4	66.3	0
325	1/11/2024 10:53:42	101.1	68.6	66.3	67.8	0
326	1/11/2024 10:53:44	99.2	66.8	62.5	60.8	0
327	1/11/2024 10:53:46	106.0	64.4	61.9	62.9	0
328	1/11/2024 10:53:48	96.3	61.9	59.5	60.2	0
329	1/11/2024 10:53:50	96.5	61.6	60.2	60.3	0
330	1/11/2024 10:53:52	89.2	61.1	60.1	60.8	0
331	1/11/2024 10:53:54	84.6	61.4	60.9	61.2	0
332	1/11/2024 10:53:56	82.1	61.5	61.1	61.5	0
333	1/11/2024 10:53:58	96.5	62.6	61.4	62.5	0
334	1/11/2024 10:54:00	105.0	68.6	62.6	68.0	0
335	1/11/2024 10:54:02	93.8	66.9	61.6	59.6	0
336	1/11/2024 10:54:04	94.1	61.6	60.2	60.5	0
337	1/11/2024 10:54:06	84.5	61.0	59.3	59.1	0
338	1/11/2024 10:54:08	88.7	59.3	58.7	58.6	0
339	1/11/2024 10:54:10	93.7	62.4	58.5	61.6	0
340	1/11/2024 10:54:12	99.7	66.3	62.4	65.0	0
341	1/11/2024 10:54:14	91.7	63.0	59.8	59.1	0
342	1/11/2024 10:54:16	103.8	62.0	59.2	61.1	0
343	1/11/2024 10:54:18	88.2	61.8	59.6	59.1	0

344	1/11/2024 10:54:20	89.5	59.6	58.6	58.5	0
345	1/11/2024 10:54:22	87.4	58.6	57.8	57.8	0
346	1/11/2024 10:54:24	81.4	57.8	57.5	57.6	0
347	1/11/2024 10:54:26	80.5	58.0	57.6	57.9	0
348	1/11/2024 10:54:28	86.6	58.5	57.4	57.8	0
349	1/11/2024 10:54:30	82.9	57.4	56.7	56.7	0
350	1/11/2024 10:54:32	79.8	57.5	56.8	57.6	0
351	1/11/2024 10:54:34	98.8	58.6	57.5	58.4	0
352	1/11/2024 10:54:36	89.5	58.5	58.0	58.1	0
353	1/11/2024 10:54:38	87.5	58.3	57.9	58.2	0
354	1/11/2024 10:54:40	93.3	58.9	58.3	58.9	0
355	1/11/2024 10:54:42	103.5	63.8	58.9	63.8	0
356	1/11/2024 10:54:44	99.4	63.8	61.2	62.6	0
357	1/11/2024 10:54:46	92.1	62.6	59.0	58.0	0
358	1/11/2024 10:54:48	97.9	60.5	58.0	59.1	0
359	1/11/2024 10:54:50	91.0	59.3	57.5	57.1	0
360	1/11/2024 10:54:52	88.9	58.0	57.2	57.5	0
361	1/11/2024 10:54:54	88.8	57.3	56.8	57.0	0
362	1/11/2024 10:54:56	88.0	57.4	57.2	57.4	0
363	1/11/2024 10:54:58	95.5	59.1	57.2	58.7	0
364	1/11/2024 10:55:00	96.4	60.2	58.8	59.9	0
365	1/11/2024 10:55:02	88.1	59.5	56.6	56.2	0
366	1/11/2024 10:55:04	79.8	56.6	56.1	56.2	0
367	1/11/2024 10:55:06	81.0	56.5	56.3	56.5	0
368	1/11/2024 10:55:08	79.9	57.5	56.5	57.5	0
369	1/11/2024 10:55:10	83.5	57.6	57.2	57.3	0
370	1/11/2024 10:55:12	89.9	57.4	56.9	57.3	0
371	1/11/2024 10:55:14	91.6	58.0	57.1	57.7	0
372	1/11/2024 10:55:16	88.7	58.0	57.0	57.2	0
373	1/11/2024 10:55:18	83.7	57.0	56.6	56.6	0
374	1/11/2024 10:55:20	95.2	58.2	56.4	57.8	0
375	1/11/2024	95.8	58.3	57.2	57.1	0

	10:55:22					
376	1/11/2024 10:55:24	92.5	60.6	57.1	60.5	0
377	1/11/2024 10:55:26	94.1	60.0	58.1	58.1	0
378	1/11/2024 10:55:28	99.7	68.5	58.6	68.2	0
379	1/11/2024 10:55:30	102.7	67.4	63.4	63.4	0
380	1/11/2024 10:55:32	102.3	67.9	64.6	66.1	0
381	1/11/2024 10:55:34	103.3	66.1	64.7	65.5	0
382	1/11/2024 10:55:36	93.7	64.7	60.2	58.3	0
383	1/11/2024 10:55:38	92.6	60.2	58.8	58.8	0
384	1/11/2024 10:55:40	88.5	58.9	58.6	58.6	0
385	1/11/2024 10:55:42	86.2	58.6	58.2	58.3	0
386	1/11/2024 10:55:44	82.8	58.5	58.3	58.4	0
387	1/11/2024 10:55:46	83.6	58.5	57.7	57.9	0
388	1/11/2024 10:55:48	84.2	57.8	57.3	57.2	0
389	1/11/2024 10:55:50	80.7	57.4	57.2	57.3	0
390	1/11/2024 10:55:52	84.9	57.7	57.3	57.4	0
391	1/11/2024 10:55:54	77.3	57.3	56.7	56.8	0
392	1/11/2024 10:55:56	82.8	57.2	56.5	56.9	0
393	1/11/2024 10:55:58	89.8	58.9	57.1	58.7	0
394	1/11/2024 10:56:00	88.5	59.4	58.9	59.4	0
395	1/11/2024 10:56:02	87.2	60.5	59.2	60.5	0
396	1/11/2024 10:56:04	80.8	60.7	60.3	60.4	0
397	1/11/2024 10:56:06	84.1	60.4	59.9	60.0	0
398	1/11/2024 10:56:08	91.7	60.0	59.5	59.8	0
399	1/11/2024 10:56:10	87.0	60.0	59.7	59.7	0
400	1/11/2024 10:56:12	85.7	59.8	59.4	59.5	0
401	1/11/2024 10:56:14	95.7	59.9	59.3	59.7	0
402	1/11/2024 10:56:16	86.8	60.7	59.9	60.6	0
403	1/11/2024 10:56:18	105.2	64.8	60.6	64.4	0
404	1/11/2024 10:56:20	103.4	67.9	64.6	66.9	0
405	1/11/2024 10:56:22	88.7	65.6	62.6	61.8	0
406	1/11/2024 10:56:24	85.2	63.3	61.8	62.2	0

407	1/11/2024 10:56:26	95.3	61.8	61.1	61.1	0
408	1/11/2024 10:56:28	99.9	62.7	61.1	62.1	0
409	1/11/2024 10:56:30	95.8	62.0	60.5	60.4	0
410	1/11/2024 10:56:32	79.9	60.9	60.2	60.6	0
411	1/11/2024 10:56:34	83.3	62.2	60.9	62.1	0
412	1/11/2024 10:56:36	106.5	72.9	62.2	71.0	0
413	1/11/2024 10:56:38	110.6	79.9	73.2	78.6	0
414	1/11/2024 10:56:40	107.1	75.3	71.3	70.7	0
415	1/11/2024 10:56:42	102.5	71.3	67.1	67.1	0
416	1/11/2024 10:56:44	101.8	67.6	64.4	64.8	0
417	1/11/2024 10:56:46	102.5	69.6	65.2	69.0	0
418	1/11/2024 10:56:48	102.4	68.4	66.4	67.0	0
419	1/11/2024 10:56:50	95.2	66.4	62.1	60.8	0
420	1/11/2024 10:56:52	87.9	62.4	61.5	61.4	0
421	1/11/2024 10:56:54	90.4	61.6	60.6	60.7	0
422	1/11/2024 10:56:56	96.5	60.6	59.3	59.3	0
423	1/11/2024 10:56:58	92.3	59.4	59.0	59.1	0
424	1/11/2024 10:57:00	93.4	59.9	59.0	59.9	0
425	1/11/2024 10:57:02	91.0	60.1	59.6	59.8	0
426	1/11/2024 10:57:04	87.1	59.7	58.8	58.6	0
427	1/11/2024 10:57:06	89.3	59.6	58.8	59.6	0
428	1/11/2024 10:57:08	86.1	59.9	59.4	59.7	0
429	1/11/2024 10:57:10	86.9	60.4	59.8	60.2	0
430	1/11/2024 10:57:12	86.3	60.9	59.9	60.9	0
431	1/11/2024 10:57:14	98.7	61.9	60.8	61.7	0
432	1/11/2024 10:57:16	90.6	61.9	61.4	61.4	0
433	1/11/2024 10:57:18	88.1	62.3	61.6	62.4	0
434	1/11/2024 10:57:20	109.5	64.8	62.3	64.1	0
435	1/11/2024 10:57:22	110.9	70.6	63.2	69.8	0
436	1/11/2024 10:57:24	97.6	69.7	63.8	60.8	0
437	1/11/2024 10:57:26	96.0	63.8	60.3	59.5	0
438	1/11/2024	91.5	60.3	59.6	59.9	0

	10:57:28					
439	1/11/2024 10:57:30	83.7	60.4	59.7	59.7	0
440	1/11/2024 10:57:32	81.5	59.8	59.6	59.7	0
441	1/11/2024 10:57:34	86.0	60.6	59.7	60.5	0
442	1/11/2024 10:57:36	97.3	61.2	60.2	61.3	0
443	1/11/2024 10:57:38	95.6	61.3	60.1	60.2	0
444	1/11/2024 10:57:40	93.3	60.2	59.5	59.5	0
445	1/11/2024 10:57:42	86.4	60.0	59.5	59.9	0
446	1/11/2024 10:57:44	95.2	61.4	59.8	61.4	0
447	1/11/2024 10:57:46	92.3	62.2	61.3	62.4	0
448	1/11/2024 10:57:48	99.7	63.8	62.2	63.4	0
449	1/11/2024 10:57:50	94.1	63.3	62.1	62.4	0
450	1/11/2024 10:57:52	81.5	62.1	61.6	61.6	0
451	1/11/2024 10:57:54	82.9	61.6	61.1	61.0	0
452	1/11/2024 10:57:56	92.3	62.2	61.1	62.2	0
453	1/11/2024 10:57:58	92.1	62.5	62.2	62.5	0
454	1/11/2024 10:58:00	101.1	64.8	62.5	65.1	0
455	1/11/2024 10:58:02	93.7	64.5	63.1	63.0	0
456	1/11/2024 10:58:04	86.9	63.3	62.8	63.1	0
457	1/11/2024 10:58:06	89.5	63.6	63.0	63.3	0
458	1/11/2024 10:58:08	106.1	72.5	62.5	70.5	0
459	1/11/2024 10:58:10	104.5	73.1	66.9	66.6	0
460	1/11/2024 10:58:12	93.3	66.9	62.1	60.5	0
461	1/11/2024 10:58:14	90.0	62.2	60.3	60.1	0
462	1/11/2024 10:58:16	88.2	60.3	59.1	59.0	0
463	1/11/2024 10:58:18	98.1	61.4	59.1	60.7	0
464	1/11/2024 10:58:20	93.7	62.7	60.8	62.2	0
465	1/11/2024 10:58:22	100.6	68.2	62.7	67.3	0
466	1/11/2024 10:58:24	92.4	66.2	61.5	59.9	0
467	1/11/2024 10:58:26	89.2	61.5	59.9	59.7	0
468	1/11/2024 10:58:28	85.1	60.0	59.7	59.9	0
469	1/11/2024 10:58:30	84.1	60.5	59.9	60.5	0

470	1/11/2024 10:58:32	83.6	60.5	60.3	60.3	0
471	1/11/2024 10:58:34	93.5	60.8	60.2	60.7	0
472	1/11/2024 10:58:36	96.8	61.7	60.8	61.6	0
473	1/11/2024 10:58:38	97.5	61.5	60.3	60.5	0
474	1/11/2024 10:58:40	92.0	60.8	59.7	59.5	0
475	1/11/2024 10:58:42	87.0	59.7	58.6	58.5	0
476	1/11/2024 10:58:44	88.7	58.6	58.3	58.3	0
477	1/11/2024 10:58:46	84.0	58.5	58.0	58.3	0
478	1/11/2024 10:58:48	83.0	58.6	58.4	58.6	0
479	1/11/2024 10:58:50	82.9	59.3	58.5	59.2	0
480	1/11/2024 10:58:52	85.2	60.0	59.2	59.8	0
481	1/11/2024 10:58:54	84.1	59.5	58.5	58.4	0
482	1/11/2024 10:58:56	85.3	59.1	58.5	59.1	0
483	1/11/2024 10:58:58	88.3	61.6	58.9	61.6	0
484	1/11/2024 10:59:00	90.6	64.6	61.6	64.3	0
485	1/11/2024 10:59:02	91.3	67.8	64.4	66.7	0
486	1/11/2024 10:59:04	93.3	66.7	65.4	66.2	0
487	1/11/2024 10:59:06	98.5	72.1	66.2	71.9	0
488	1/11/2024 10:59:08	95.2	72.0	70.5	70.6	0
489	1/11/2024 10:59:10	95.0	72.1	70.8	71.6	0
490	1/11/2024 10:59:12	97.3	75.9	71.5	76.1	0
491	1/11/2024 10:59:14	101.4	78.7	75.0	78.0	0
492	1/11/2024 10:59:16	103.5	78.2	74.2	74.0	0
493	1/11/2024 10:59:18	102.8	74.2	69.6	68.5	0
494	1/11/2024 10:59:20	94.2	69.6	68.0	68.2	0
495	1/11/2024 10:59:22	100.7	68.2	66.7	66.9	0
496	1/11/2024 10:59:24	109.7	74.9	66.8	73.6	0
497	1/11/2024 10:59:26	108.1	74.6	68.9	67.8	0
498	1/11/2024 10:59:28	99.6	68.9	63.8	62.3	0
499	1/11/2024 10:59:30	97.9	63.8	61.4	60.8	0
500	1/11/2024 10:59:32	90.9	61.6	61.3	61.5	0
501	1/11/2024	91.0	61.5	61.2	61.3	0

	10:59:34					
502	1/11/2024 10:59:36	87.8	61.4	61.2	61.3	0
503	1/11/2024 10:59:38	80.6	61.2	59.4	59.4	0
504	1/11/2024 10:59:40	80.6	59.4	58.4	58.3	0
505	1/11/2024 10:59:42	78.8	58.5	57.8	57.8	0
506	1/11/2024 10:59:44	79.9	57.8	56.7	56.5	0
507	1/11/2024 10:59:46	78.8	57.0	56.6	56.8	0
508	1/11/2024 10:59:48	83.5	57.9	56.9	57.9	0
509	1/11/2024 10:59:50	91.2	59.4	57.9	59.3	0
510	1/11/2024 10:59:52	99.9	63.4	59.4	63.5	0
511	1/11/2024 10:59:54	94.4	63.7	61.8	62.0	0
512	1/11/2024 10:59:56	111.3	85.8	61.5	84.1	0
513	1/11/2024 10:59:58	109.1	85.7	77.9	72.0	0
514	1/11/2024 11:00:00	87.1	77.9	70.6	65.3	0
515	1/11/2024 11:00:02	85.0	70.6	66.1	64.6	0
516	1/11/2024 11:00:04	86.0	66.1	64.3	64.2	0
517	1/11/2024 11:00:06	99.2	67.1	63.9	65.8	0
518	1/11/2024 11:00:08	103.3	65.6	62.8	62.4	0
519	1/11/2024 11:00:10	103.6	66.8	62.6	65.2	0
520	1/11/2024 11:00:12	98.3	63.1	60.5	60.0	0
521	1/11/2024 11:00:14	103.0	68.5	60.9	67.7	0
522	1/11/2024 11:00:16	99.2	69.3	66.8	67.7	0
523	1/11/2024 11:00:18	99.9	68.7	64.8	65.9	0
524	1/11/2024 11:00:20	94.7	64.8	61.0	60.5	0
525	1/11/2024 11:00:22	82.8	61.0	59.0	58.6	0
526	1/11/2024 11:00:24	84.7	60.7	59.0	60.5	0
527	1/11/2024 11:00:26	81.3	61.0	60.7	60.9	0
528	1/11/2024 11:00:28	90.8	60.8	60.1	60.1	0
529	1/11/2024 11:00:30	88.7	61.1	60.5	61.0	0
530	1/11/2024 11:00:32	101.6	63.6	60.7	63.6	0
531	1/11/2024 11:00:34	101.2	64.2	62.1	63.2	0
532	1/11/2024 11:00:36	95.0	63.8	61.2	61.5	0

533	1/11/2024 11:00:38	93.5	61.2	59.4	59.3	0
534	1/11/2024 11:00:40	91.6	59.4	58.3	58.1	0
535	1/11/2024 11:00:42	93.3	58.6	58.3	58.5	0
536	1/11/2024 11:00:44	96.2	61.4	58.4	60.4	0
537	1/11/2024 11:00:46	104.3	72.0	61.4	71.0	0
538	1/11/2024 11:00:48	95.8	68.7	63.8	62.7	0
539	1/11/2024 11:00:50	97.9	63.8	61.2	61.1	0
540	1/11/2024 11:00:52	99.7	62.4	60.7	60.7	0
541	1/11/2024 11:00:54	89.0	60.9	59.5	59.2	0
542	1/11/2024 11:00:56	98.5	59.9	59.3	59.7	0
543	1/11/2024 11:00:58	100.6	61.3	59.9	60.8	0
544	1/11/2024 11:01:00	98.9	61.2	59.5	59.8	0
545	1/11/2024 11:01:02	100.8	64.1	59.5	62.5	0
546	1/11/2024 11:01:04	88.7	60.4	58.2	57.8	0
547	1/11/2024 11:01:06	80.7	58.2	57.3	57.2	0
548	1/11/2024 11:01:08	97.7	58.7	57.3	58.5	0
549	1/11/2024 11:01:10	88.7	58.5	57.0	56.7	0
550	1/11/2024 11:01:12	87.0	57.0	56.5	56.6	0
551	1/11/2024 11:01:14	90.1	57.2	56.5	57.1	0
552	1/11/2024 11:01:16	97.2	58.7	57.2	58.8	0
553	1/11/2024 11:01:18	100.2	62.4	58.1	61.4	0
554	1/11/2024 11:01:20	93.8	62.0	59.7	59.3	0
555	1/11/2024 11:01:22	93.2	59.8	59.4	59.6	0
556	1/11/2024 11:01:24	89.6	59.8	58.6	58.8	0
557	1/11/2024 11:01:26	94.0	59.0	58.2	58.6	0
558	1/11/2024 11:01:28	94.8	60.5	59.0	60.3	0
559	1/11/2024 11:01:30	94.0	62.7	60.5	62.2	0
560	1/11/2024 11:01:32	94.9	69.3	62.7	68.9	0
561	1/11/2024 11:01:34	87.1	66.9	62.3	60.9	0
562	1/11/2024 11:01:36	84.6	62.3	60.4	60.1	0
563	1/11/2024 11:01:38	97.3	61.2	59.9	60.7	0
564	1/11/2024	103.5	67.1	60.8	66.9	0

	11:01:40					
565	1/11/2024 11:01:42	104.1	70.3	65.8	68.1	0
566	1/11/2024 11:01:44	89.7	65.8	61.3	59.7	0
567	1/11/2024 11:01:46	92.2	61.3	60.0	59.8	0
568	1/11/2024 11:01:48	101.9	63.7	60.4	64.3	0
569	1/11/2024 11:01:50	91.1	63.4	62.0	62.0	0
570	1/11/2024 11:01:52	103.4	67.7	61.5	67.3	0
571	1/11/2024 11:01:54	97.3	66.7	61.7	60.2	0
572	1/11/2024 11:01:56	81.7	61.7	60.5	60.2	0
573	1/11/2024 11:01:58	85.4	62.3	60.6	62.3	0
574	1/11/2024 11:02:00	96.6	62.2	60.8	61.0	0
575	1/11/2024 11:02:02	94.8	61.4	60.2	61.1	0
576	1/11/2024 11:02:04	96.9	65.7	61.4	65.3	0
577	1/11/2024 11:02:06	91.8	64.8	61.6	60.9	0
578	1/11/2024 11:02:08	86.6	61.7	59.3	59.1	0
579	1/11/2024 11:02:10	102.5	61.9	59.0	61.2	0
580	1/11/2024 11:02:12	89.1	60.7	59.2	58.8	0
581	1/11/2024 11:02:14	82.5	61.1	59.2	60.2	0
582	1/11/2024 11:02:16	87.0	59.5	57.5	57.1	0
583	1/11/2024 11:02:18	83.7	58.3	57.2	57.6	0
584	1/11/2024 11:02:20	85.8	57.8	56.8	57.2	0
585	1/11/2024 11:02:22	91.6	58.7	57.3	58.4	0
586	1/11/2024 11:02:24	82.9	59.2	58.4	58.6	0
587	1/11/2024 11:02:26	81.3	58.4	56.7	56.3	0
588	1/11/2024 11:02:28	82.9	58.1	56.5	57.5	0
589	1/11/2024 11:02:30	80.1	57.4	56.7	57.2	0
590	1/11/2024 11:02:32	83.8	58.5	57.3	58.5	0
591	1/11/2024 11:02:34	99.0	61.0	58.5	60.9	0
592	1/11/2024 11:02:36	101.2	63.6	60.9	62.6	0
593	1/11/2024 11:02:38	89.4	61.4	59.5	59.2	0
594	1/11/2024 11:02:40	91.3	59.9	59.5	59.7	0
595	1/11/2024 11:02:42	82.9	59.5	59.0	59.0	0

596	1/11/2024 11:02:44	84.3	59.5	59.2	59.5	0
597	1/11/2024 11:02:46	87.6	59.7	59.2	59.5	0
598	1/11/2024 11:02:48	84.0	60.0	59.5	60.0	0
599	1/11/2024 11:02:50	103.5	62.7	60.0	61.7	0
600	1/11/2024 11:02:52	96.4	62.4	60.2	61.2	0
601	1/11/2024 11:02:54	81.7	60.2	57.9	57.5	0

APPENDIX B

ROADWAY CONSTRUCTION NOISE MODEL RESULTS

Roadway Construction Noise Model (RCNM),Version 1.1

---- Receptor #1 (STA 1)----

Baselines (dBA)

Descriptior	Land Use	Daytime	Evening	Night
STA 1	Residential	58.3	55	45

Equipment

Description	Impact Device	Usage(%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Backhoe	No	40		77.6	50	0
Dozer	No	40		81.7	50	0
Grader	No	40	85		50	0
Vacuum Excavator (Vac-	No	40		85.3	50	0

Results

Equipment	Calculated (dBA) *Lmax	Leq	Noise Limits (dBA) Day Lmax	Leq	Evening Lmax	Leq	Night Lmax	Leq	Noise Limit Exceedance (dBA) Day Lmax	Leq	Evening Lmax	Leq	Night Lmax	Leq
Backhoe	77.6	73.6	90	80	N/A	N/A	N/A	N/A	None	None	N/A	N/A	N/A	N/A
Dozer	81.7	77.7	90	80	N/A	N/A	N/A	N/A	None	None	N/A	N/A	N/A	N/A
Grader	85	81	90	80	N/A	N/A	N/A	N/A	None	1	N/A	N/A	N/A	N/A
Vacuum Excavator (Vac-	85.3	81.3	90	80	N/A	N/A	N/A	N/A	None	1.3	N/A	N/A	N/A	N/A
Total	85.3	85.4	90	80	N/A	N/A	N/A	N/A	None	5.4	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #2 (STA 2) ----

Baselines (dBA)

Descriptior	Land Use	Daytime	Evening	Night
STA 2	Residential	73.8	55	45

Equipment

Description	Impact Device	Usage(%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Backhoe	No	40		77.6	50	0
Dozer	No	40		81.7	50	0
Grader	No	40	85		50	0
Vacuum Excavator (Vac-	No	40		85.3	50	0

Results

Equipment	Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
			Day		Evening		Night		Day		Evening		Night	
	*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Backhoe	77.6	73.6	90	80	N/A	N/A	N/A	N/A	None	None	N/A	N/A	N/A	N/A
Dozer	81.7	77.7	90	80	N/A	N/A	N/A	N/A	None	None	N/A	N/A	N/A	N/A
Grader	85	81	90	80	N/A	N/A	N/A	N/A	None	1	N/A	N/A	N/A	N/A
Vacuum Excavator (Vac-	85.3	81.3	90	80	N/A	N/A	N/A	N/A	None	1.3	N/A	N/A	N/A	N/A
Total	85.3	85.4	90	80	N/A	N/A	N/A	N/A	None	5.4	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #3 (STA 4)----

Baselines (dBA)

Descriptior	Land Use	Daytime	Evening	Night
STA 4	Residential	66.4	55	45

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Backhoe	No	40		77.6	75	0
Dozer	No	40		81.7	75	0
Grader	No	40	85		75	0
Vacuum Excavator (Vac-	No	40		85.3	75	0

Results

Equipment	Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
			Day		Evening		Night		Day		Evening		Night	
	*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Backhoe	74	70.1	90	80	N/A	N/A	N/A	N/A	None	None	N/A	N/A	N/A	N/A
Dozer	78.1	74.2	90	80	N/A	N/A	N/A	N/A	None	None	N/A	N/A	N/A	N/A
Grader	81.5	77.5	90	80	N/A	N/A	N/A	N/A	None	None	N/A	N/A	N/A	N/A
Vacuum Excavator (Vac-	81.8	77.8	90	80	N/A	N/A	N/A	N/A	None	None	N/A	N/A	N/A	N/A
Total	81.8	81.8	90	80	N/A	N/A	N/A	N/A	None	1.8	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #4 (STA 5) ----

Baselines (dBA)

Descriptior	Land Use	Daytime	Evening	Night
STA 5	Residential	80.6	55	45

<table>
<tr><th rowspan="3">Description</th><th rowspan="3">Impact Device</th><th rowspan="3">Usage(%)</th><th>Equipment</th><th></th><th rowspan="2">Receptor Distance</th><th rowspan="2">Estimated Shielding</th></tr>
<tr><th>Spec Lmax</th><th>Actual Lmax</th></tr>
<tr><th>(dBA)</th><th>(dBA)</th><th>(feet)</th><th>(dBA)</th></tr>
<tr><td>Backhoe</td><td>No</td><td>40</td><td></td><td>77.6</td><td>418</td><td>0</td></tr>
<tr><td>Dozer</td><td>No</td><td>40</td><td></td><td>81.7</td><td>418</td><td>0</td></tr>
<tr><td>Grader</td><td>No</td><td>40</td><td>85</td><td></td><td>418</td><td>0</td></tr>
<tr><td>Vacuum Excavator (Vac-</td><td>No</td><td>40</td><td></td><td>85.3</td><td>418</td><td>0</td></tr>
</table>

Results

| | Calculated (dBA) | | Noise Limits (dBA) | | | | | | Noise Limit Exceedance (dBA) | | | | | |
| | | | Day | | Evening | | Night | | Day | | Evening | | Night | |
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Backhoe	59.1	55.1	90	80	N/A	N/A	N/A	N/A	None	None	N/A	N/A	N/A	N/A
Dozer	63.2	59.2	90	80	N/A	N/A	N/A	N/A	None	None	N/A	N/A	N/A	N/A
Grader	66.6	62.6	90	80	N/A	N/A	N/A	N/A	None	None	N/A	N/A	N/A	N/A
Vacuum Excavator (Vac-	66.9	62.9	90	80	N/A	N/A	N/A	N/A	None	None	N/A	N/A	N/A	N/A
Total	66.9	66.9	90	80	N/A	N/A	N/A	N/A	None	None	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #5 (STA 6) ----

| | | Baselines (dBA) | | |
Description	Land Use	Daytime	Evening	Night
STA 6	Residential	66.9	55	45

<table>
<tr><th rowspan="3">Description</th><th rowspan="3">Impact Device</th><th rowspan="3">Usage(%)</th><th>Equipment</th><th></th><th rowspan="2">Receptor Distance</th><th rowspan="2">Estimated Shielding</th></tr>
<tr><th>Spec Lmax</th><th>Actual Lmax</th></tr>
<tr><th>(dBA)</th><th>(dBA)</th><th>(feet)</th><th>(dBA)</th></tr>
<tr><td>Backhoe</td><td>No</td><td>40</td><td></td><td>77.6</td><td>237</td><td>0</td></tr>
<tr><td>Dozer</td><td>No</td><td>40</td><td></td><td>81.7</td><td>237</td><td>0</td></tr>
<tr><td>Grader</td><td>No</td><td>40</td><td>85</td><td></td><td>237</td><td>0</td></tr>
<tr><td>Vacuum Excavator (Vac-</td><td>No</td><td>40</td><td></td><td>85.3</td><td>237</td><td>0</td></tr>
</table>

Results

| | Calculated (dBA) | | Noise Limits (dBA) | | | | | | Noise Limit Exceedance (dBA) | | | | | |
| | | | Day | | Evening | | Night | | Day | | Evening | | Night | |
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Backhoe	64	60.1	90	80	N/A	N/A	N/A	N/A	None	None	N/A	N/A	N/A	N/A
Dozer	68.2	64.2	90	80	N/A	N/A	N/A	N/A	None	None	N/A	N/A	N/A	N/A
Grader	71.5	67.5	90	80	N/A	N/A	N/A	N/A	None	None	N/A	N/A	N/A	N/A
Vacuum Excavator (Vac-	71.8	67.8	90	80	N/A	N/A	N/A	N/A	None	None	N/A	N/A	N/A	N/A
Total	71.8	71.8	90	80	N/A	N/A	N/A	N/A	None	None	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #6 (STA 7) ----

Baselines (dBA)

Description	Land Use	Daytime	Evening	Night
STA 7	Residential	59.2	55	45

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Backhoe	No	40		77.6	565	0
Dozer	No	40		81.7	565	0
Grader	No	40	85		565	0
Vacuum Excavator (Vac-	No	40		85.3	565	0

Results

	Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
			Day		Evening		Night		Day		Evening		Night	
Equipment	*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Backhoe	56.5	52.5	90	80	N/A	N/A	N/A	N/A	None	None	N/A	N/A	N/A	N/A
Dozer	60.6	56.6	90	80	N/A	N/A	N/A	N/A	None	None	N/A	N/A	N/A	N/A
Grader	63.9	60	90	80	N/A	N/A	N/A	N/A	None	None	N/A	N/A	N/A	N/A
Vacuum Excavator (Vac-	64.2	60.3	90	80	N/A	N/A	N/A	N/A	None	None	N/A	N/A	N/A	N/A
Total	64.2	64.3	90	80	N/A	N/A	N/A	N/A	None	None	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.
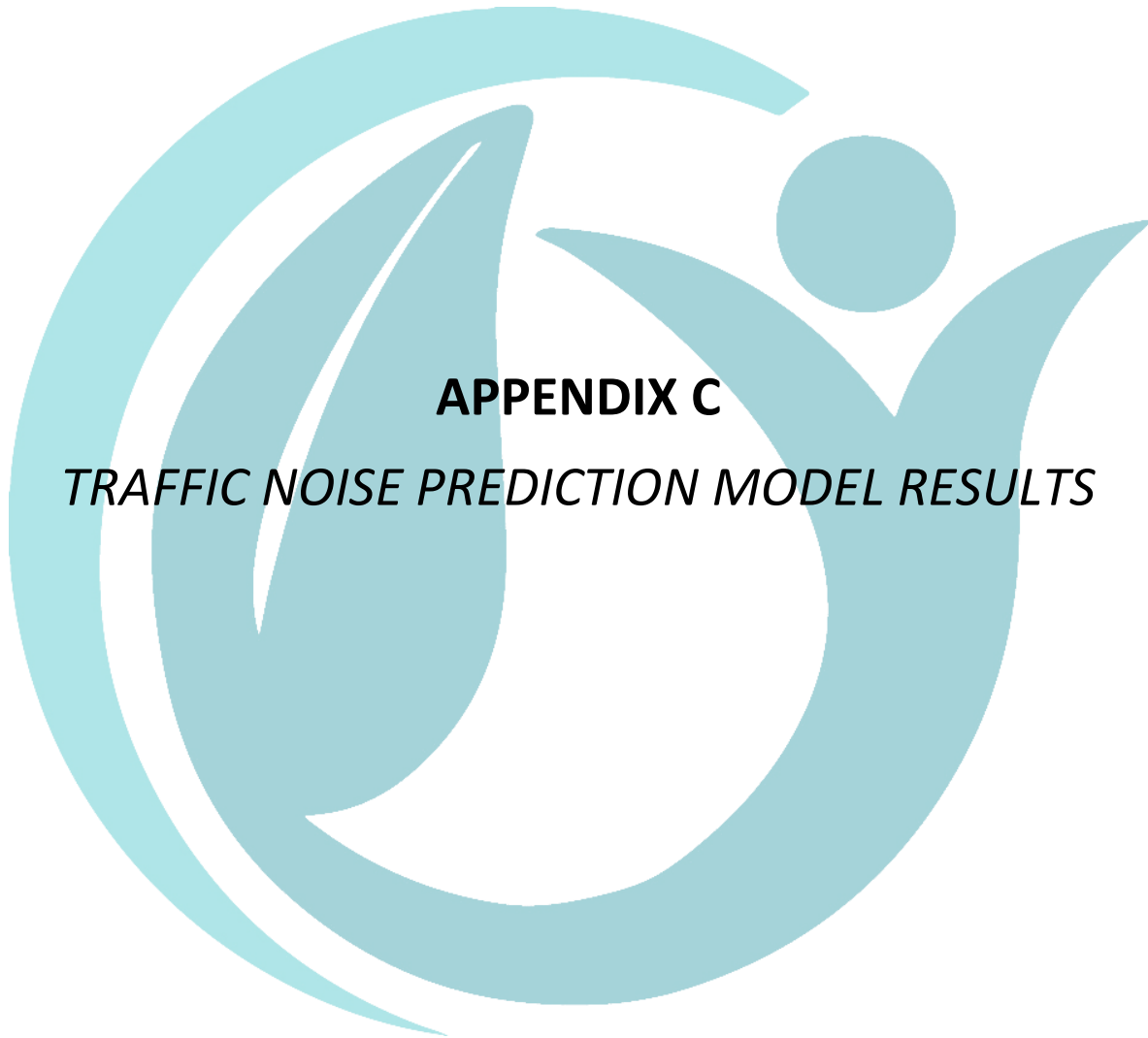
APPENDIX C

TRAFFIC NOISE PREDICTION MODEL RESULTS

REPORT:

TNM VERSION:

CALCULATED WITH:

CASE:

ANALYSIS BY:

INPUT BARRIERS

3.1.7970.37608

3.1.7970.37608

Warmington Magnolia Crossing

Hannah Boelts

REPORT DATE:

CALCULATION DATE:

ORGANIZATION:

PROJECT/CONTRACT:

Barrier Name	Type	Height		Top Width	Run:Rise	Barrier Notes	Point		Coordinates			Height	Point Notes	Perturbable Barrier Param.			Area Unit Cost	Vc
		Min	Max				Name	Number	X	Y	Z			Incre-ment	Number of Incr. Up	Number of Incr. Down		
		[ft]	[ft]	[ft]	m:m				[ft]	[ft]	[ft]	[ft]		[ft]			[$/ft²]	[$

<No Data>

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ment			
olume Unit Cost	[Adiitional] Linear Unit Cost	On Structure	Reflection
$/ft³]	[$/ft]		

Barrier Segments			NRC		Roadway Segments		
Barrier Name	Start Point Name	Start Point Number	Left Side	Right Side	Roadway Name	Start Point Name	Start Point Number
<No Barriers Data>					<No Roadways Data>		

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TNM VERSION:	3.1.7970.37608	REPORT DATE:	12 January 2024
CALCULATED WITH:	3.1.7970.37608	CALCULATION DATE:	1/12/2024 11:30:57 AM
CASE:	Warmington Magnolia Crossing	ORGANIZATION:	Hana Resources
ANALYSIS BY:	Hannah Boelts	PROJECT/CONTRACT:	7101

Barrier Segments			Roadway Segments		
Barrier Name	Start Point Name	Start Point Number	Attenuated Roadway Name	Start Point Name	Start Point Number
<No Barriers Data>			<No Roadways Data>		

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TNM VERSION:	3.1.7970.37608	REPORT DATE:	12 January 2024
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CASE:	Warmington Magnolia Crossing	ORGANIZATION:	Hana Resources
ANALYSIS BY:	Hannah Boelts	PROJECT/CONTRACT:	7101

Building Row Name	Average Height [ft]	Building Gap %	Building Row Notes	Point Number	Coordinates			Point Notes
					X [ft]	Y [ft]	Z [ft]	
Building Row-1	30.00	80.00		1	6730473.00	1791859.00	0.00	
				1	6730473.00	1791859.00	0.00	
Building Row-2	30.00	80.00		3	6730501.00	1792116.00	0.00	
				3	6730501.00	1792116.00	0.00	
Building Row-3	30.00	80.00		5	6730578.00	1792276.00	0.00	
				5	6730578.00	1792276.00	0.00	
Building Row-4	30.00	80.00		7	6730690.00	1792108.00	0.00	
				7	6730690.00	1792108.00	0.00	
Building Row-5	30.00	80.00		9	6730590.00	1792180.00	0.00	
				9	6730590.00	1792180.00	0.00	
Building Row-6	30.00	80.00		11	6730656.00	1792085.00	0.00	
				11	6730656.00	1792085.00	0.00	
Building Row-8	30.00	80.00		17	6729946.00	1791313.00	0.00	
				17	6729946.00	1791313.00	0.00	
Building Row-9	30.00	80.00		19	6730283.00	1791559.00	0.00	
				19	6730283.00	1791559.00	0.00	
Building Row-10	30.00	80.00		21	6730014.00	1791360.00	0.00	
				21	6730014.00	1791360.00	0.00	

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Building Row Name	Average Height [ft]	Building Gap %	Building Row Notes	Point Number	Coordinates			Point Notes
					X [ft]	Y [ft]	Z [ft]	
Building Row-11	30.00	80.00		23	6730087.00	1791414.00	0.00	
				23	6730087.00	1791414.00	0.00	
Building Row-12	30.00	80.00		25	6730169.00	1791471.00	0.00	
				25	6730169.00	1791471.00	0.00	
Building Row-13	30.00	80.00		27	6730229.00	1791512.00	0.00	
				27	6730229.00	1791512.00	0.00	
Building Row-14	30.00	80.00		29	6730372.00	1791604.00	0.00	
				29	6730372.00	1791604.00	0.00	
Building Row-15	30.00	80.00		31	6730461.00	1791682.00	0.00	
				31	6730461.00	1791682.00	0.00	
Building Row-16	30.00	80.00		33	6730566.00	1791764.00	0.00	
				33	6730566.00	1791764.00	0.00	

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REPORT:		**CONTOUR ZONE INPUT**			
TNM VERSION:	3.1.7970.37608		REPORT DATE:		12 January 2024
CALCULATED WITH:	3.1.7970.37608		CALCULATION DATE:		1/12/2024 11:30:57 AM
CASE:	Warmington Magnolia Crossing		ORGANIZATION:		Hana Resources
ANALYSIS BY:	Hannah Boelts		PROJECT/CONTRACT:		7101

Contour Zone Name	Grid Height [ft]	Minimum Grid Spacing [ft]	Contour Tolerance [dB]	Contour Zone Notes	Point Number	Coordinates		Point Notes
						X [ft]	Y [ft]	

<No Data>

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TNM VERSION:	3.1.7970.37608		REPORT DATE:			12 January 2024	
CALCULATED WITH:	3.1.7970.37608		CALCULATION DATE:			1/12/2024 11:30:57 AM	
CASE:	Warmington Magnolia Crossing		ORGANIZATION:			Hana Resources	
ANALYSIS BY:	Hannah Boelts		PROJECT/CONTRACT:			7101	

Ground Zone Name	Ground Type	Effective Flow Resistivity (cgs Rayls)	Ground Zone Notes	Point Number	Coordinates		Point Notes
					X [ft]	Y [ft]	

<No Data>

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TNM VERSION:	3.1.7970.37608	REPORT DATE:	12 January 2024
CALCULATED WITH:	3.1.7970.37608	CALCULATION DATE:	1/12/2024 11:30:57 AM
CASE:	Warmington Magnolia Crossing	ORGANIZATION:	Hana Resources
ANALYSIS BY:	Hannah Boelts	PROJECT/CONTRACT:	7101

Receiver		Individual Roadway Segment Adjustment Factors			Adj. Factor
Name	Number	Roadway Name	Roadway Segment Start Point Name	Roadway Segment Start Point Number	[dB]

<No Receiver Data>   <No Adjustments Data>

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Sound-level Input: Receivers

Receiver Name	Sequence Number	Nb. R.R.	Coordinates (ground)			Height above Ground	Input Sound Levels and Criteria				Active in Calc.	Notes
			X	Y	Z		Existing LAeq	Absolute Criterion	Relative Criterion	Noise Reduction Goal		
			[ft]	[ft]	[ft]	[ft]	[dBA]	[dBA]	[dBA]	[dBA]		
Receiver-1	1	1	6730415.00	1791856.00	0.00	10.00	---	0	---	8	Y	
Receiver-2	2	1	6729941.00	1791319.00	0.00	10.00	---	0	---	8	Y	
Receiver-3	3	1	6730213.00	1791486.00	0.00	10.00	---	0	---	8	Y	
Receiver-4	4	1	6729751.00	1791216.00	0.00	10.00	---	0	---	8	Y	
Receiver-5	5	1	6729484.00	1791599.00	0.00	10.00	---	0	---	8	Y	
Receiver-6	6	1	6730248.00	1792244.00	0.00	10.00	---	0	---	8	Y	
Receiver-7	7	1	6731152.00	1792491.00	0.00	10.00	---	0	---	8	Y	

PR-2024-001643 (TM, DR) Exhibit 9 - CEQA Appendix N Consistency Analysis

REPORT:

TNM VERSION:

CALCULATED WITH:

CASE:

ANALYSIS BY:

INPUT ROADWAYS

3.1.7970.37608

3.1.7970.37608

Warmington Magnolia Crossing

Hannah Boelts

REPORT DATE:

CALCULATION DATE:

ORGANIZATION:

PROJECT/CONTRACT:

12 January 2024

1/12/2024 11:30:57 AM

Hana Resources

7101

Roadway Name	Roadway Notes	Road Segment Start Point		Coordinates (pavement)			Width	Point Notes	Road Segment		
		Name	Number	X	Y	Z			Road Category	Pavement Type	On Structure
				[ft]	[ft]	[ft]	[ft]				
91 Freeway-1 Lane-1		Point-0	0	6730961.00	1791783.00	0.00	12.00		Mainline	Average	No
		Point-1	1	6729799.00	1791002.00	0.00	12.00		Mainline	Average	No
91 Freeway-1 Lane-2		Point-2	2	6730954.00	1791793.00	0.00	12.00		Mainline	Average	No
		Point-3	3	6729793.00	1791012.00	0.00	12.00		Mainline	Average	No
91 Freeway-1 Lane-3		Point-4	4	6730947.00	1791802.00	0.00	12.00		Mainline	Average	No
		Point-5	5	6729786.00	1791021.00	0.00	12.00		Mainline	Average	No
91 Freeway-1 Lane-4		Point-6	6	6730941.00	1791812.00	0.00	12.00		Mainline	Average	No
		Point-7	7	6729779.00	1791031.00	0.00	12.00		Mainline	Average	No
91 Freeway-1 Lane-5		Point-8	8	6730934.00	1791822.00	0.00	12.00		Mainline	Average	No
		Point-9	9	6729773.00	1791041.00	0.00	12.00		Mainline	Average	No
91 Freeway-1 Lane-6		Point-10	10	6730927.00	1791832.00	0.00	12.00		Mainline	Average	No
		Point-11	11	6729766.00	1791051.00	0.00	12.00		Mainline	Average	No
91 Freeway-1 Lane-7		Point-12	12	6730921.00	1791842.00	0.00	12.00		Mainline	Average	No
		Point-13	13	6729759.00	1791061.00	0.00	12.00		Mainline	Average	No

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| Roadway Name | Roadway Notes | Road Segment Start Point | | Coordinates (pavement) | | | Width | Point Notes | Road Segment | | |
		Name	Number	X	Y	Z			Road Category	Pavement Type	On Structure
				[ft]	[ft]	[ft]	[ft]				
91 Freeway-1 Lane-8		Point-14	14	6730914.00	1791852.00	0.00	12.00		Mainline	Average	No
		Point-15	15	6729753.00	1791071.00	0.00	12.00		Mainline	Average	No
Van Buren-9 Lane-1		Point-16	16	6730902.00	1791937.00	0.00	12.00		Mainline	Average	No
		Point-17	17	6730387.00	1792672.00	0.00	12.00		Mainline	Average	No
Van Buren-9 Lane-2		Point-18	18	6730912.00	1791944.00	0.00	12.00		Mainline	Average	No
		Point-19	19	6730390.00	1792687.00	0.00	12.00		Mainline	Average	No
Van Buren-9 Lane-3		Point-20	20	6730922.00	1791951.00	0.00	12.00		Mainline	Average	No
		Point-21	21	6730400.00	1792694.00	0.00	12.00		Mainline	Average	No
Van Buren-9 Lane-4		Point-22	22	6730928.00	1791963.00	0.00	12.00		Mainline	Average	No
		Point-23	23	6730413.00	1792696.00	0.00	12.00		Mainline	Average	No
Van Buren-9 Lane-5		Point-24	24	6730942.00	1791965.00	0.00	12.00		Mainline	Average	No
		Point-25	25	6730420.00	1792708.00	0.00	12.00		Mainline	Average	No
Van Buren-9 Lane-6		Point-26	26	6730951.00	1791972.00	0.00	12.00		Mainline	Average	No
		Point-27	27	6730429.00	1792714.00	0.00	12.00		Mainline	Average	No
Van Buren-9 Lane-7		Point-28	28	6730961.00	1791979.00	0.00	12.00		Mainline	Average	No
		Point-29	29	6730439.00	1792721.00	0.00	12.00		Mainline	Average	No
Primrose-16 Lane-1		Point-30	30	6729273.00	1791956.00	0.00	12.00		Mainline	Average	No
		Point-31	31	6730366.00	1792688.00	0.00	12.00		Mainline	Average	No
Primrose-16 Lane-2		Point-32	32	6729280.00	1791946.00	0.00	12.00		Mainline	Average	No
		Point-33	33	6730373.00	1792678.00	0.00	12.00		Mainline	Average	No
Myers-18 Lane-1		Point-34	34	6729798.00	1791197.00	0.00	12.00		Mainline	Average	No

| Roadway Name | Roadway Notes | Road Segment Start Point | | Coordinates (pavement) | | | Width | Point Notes | Road Segment | | |
| | | Name | Number | X | Y | Z | | | Road Category | Pavement Type | On Structure |
				[ft]	[ft]	[ft]	[ft]				
Myers-18 Lane-1		Point-35	35	6729287.00	1791935.00	0.00	12.00		Mainline	Average	No
Myers-18 Lane-2		Point-36	36	6729808.00	1791203.00	0.00	12.00		Mainline	Average	No
		Point-37	37	6729298.00	1791945.00	0.00	12.00		Mainline	Average	No

Terrain Line Name	Terrain Line Notes	Point Number	Coordinates (ground)			Point Notes
			X	Y	Z	
			[ft]	[ft]	[ft]	

<No Data>

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CASE:	Warmington Magnolia Crossing	ORGANIZATION:	Hana Resources
ANALYSIS BY:	Hannah Boelts	PROJECT/CONTRACT:	7101

Tree Zone Name	Ground Type	Effective Flow Resistivity (cgs Rayls)	Average Height [ft]	Tree Zone Notes	Point Number	Coordinates			Point Notes
						X [ft]	Y [ft]	Z [ft]	
Tree Zone-1	Hard Soil	5000	20.00		37	6730322.00	1791825.00	0.00	
					38	6730335.00	1791809.00	0.00	
					39	6730449.00	1791884.00	0.00	
					40	6730467.00	1792012.00	0.00	
					41	6730447.00	1792014.00	0.00	
					42	6730431.00	1791912.00	0.00	

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REPORT: **INPUT TRAFFIC FOR TNM VEHICLES (LAeq)**

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CALCULATED WITH:	3.1.7970.37608	CALCULATION DATE:	1/12/2024 11:30:57 AM
CASE:	Warmington Magnolia Crossing	ORGANIZATION:	Hana Resources
ANALYSIS BY:	Hannah Boelts	PROJECT/CONTRACT:	7101

Roadway Name	Road Segment Start Point Name	No.	Auto Volume [Veh/hr]	Auto Speed [mph]	Medium Truck Volume [Veh/hr]	Medium Truck Speed [mph]	Heavy Truck Volume [Veh/hr]	Heavy Truck Speed [mph]	Bus Volume [Veh/hr]	Bus Speed [mph]	Motorcycle Volume [Veh/hr]	Motorcycle Speed [mph]
91 Freeway-1 Lane-1	Point-0	0	10599	65	3656	55	1644	55	2	55	25	65
	Point-1	1	10599	65	3656	55	1644	55	2	55	25	65
91 Freeway-1 Lane-2	Point-2	2	10599	65	3656	55	1644	55	2	55	25	65
	Point-3	3	10599	65	3656	55	1644	55	2	55	25	65
91 Freeway-1 Lane-3	Point-4	4	10599	65	3656	55	1644	55	2	55	25	65
	Point-5	5	10599	65	3656	55	1644	55	2	55	25	65
91 Freeway-1 Lane-4	Point-6	6	10599	65	3656	55	1644	55	2	55	25	65
	Point-7	7	10599	65	3656	55	1644	55	2	55	25	65
91 Freeway-1 Lane-5	Point-8	8	10599	65	3656	55	1644	55	2	55	25	65
	Point-9	9	10599	65	3656	55	1644	55	2	55	25	65
91 Freeway-1 Lane-6	Point-10	10	10599	65	3656	55	1644	55	2	55	25	65
	Point-11	11	10599	65	3656	55	1644	55	2	55	25	65
91 Freeway-1 Lane-7	Point-12	12	10599	65	3656	55	1644	55	2	55	25	65
	Point-13	13	10599	65	3656	55	1644	55	2	55	25	65

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Roadway Name	Road Segment Start Point Name	No.	Auto Volume [Veh/hr]	Speed [mph]	Medium Truck Volume [Veh/hr]	Speed [mph]	Heavy Truck Volume [Veh/hr]	Speed [mph]	Bus Volume [Veh/hr]	Speed [mph]	Motorcycle Volume [Veh/hr]	Speed [mph]
91 Freeway-1 Lane-8	Point-14	14	10599	65	3656	55	1644	55	2	55	25	65
	Point-15	15	10599	65	3656	55	1644	55	2	55	25	65
Van Buren-9 Lane-1	Point-16	16	116	45	10	45	0	0	2	45	4	45
	Point-17	17	116	45	10	45	0	0	2	45	4	45
Van Buren-9 Lane-2	Point-18	18	116	45	10	45	0	0	2	45	4	45
	Point-19	19	116	45	10	45	0	0	2	45	4	45
Van Buren-9 Lane-3	Point-20	20	116	45	10	45	0	0	2	45	4	45
	Point-21	21	116	45	10	45	0	0	2	45	4	45
Van Buren-9 Lane-4	Point-22	22	116	45	10	45	0	0	2	45	4	45
	Point-23	23	116	45	10	45	0	0	2	45	4	45
Van Buren-9 Lane-5	Point-24	24	116	45	10	45	0	0	2	45	4	45
	Point-25	25	116	45	10	45	0	0	2	45	4	45
Van Buren-9 Lane-6	Point-26	26	116	45	10	45	0	0	2	45	4	45
	Point-27	27	116	45	10	45	0	0	2	45	4	45
Van Buren-9 Lane-7	Point-28	28	116	45	10	45	0	0	2	45	4	45
	Point-29	29	116	45	10	45	0	0	2	45	4	45
Primrose-16 Lane-1	Point-30	30	568	25	0	0	0	0	0	0	1	25
	Point-31	31	568	25	0	0	0	0	0	0	1	25
Primrose-16 Lane-2	Point-32	32	568	25	0	0	0	0	0	0	1	25
	Point-33	33	568	25	0	0	0	0	0	0	1	25
Myers-18 Lane-1	Point-34	34	568	25	0	0	0	0	0	0	1	25

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Roadway Name	Road Segment Start Point		Auto		Medium Truck		Heavy Truck		Bus		Motorcycle	
	Name	No.	Volume	Speed	Volume	Speed	Volume	Speed	Volume	Speed	Volume	Speed
			[Veh/hr]	[mph]	[Veh/hr]	[mph]	[Veh/hr]	[mph]	[Veh/hr]	[mph]	[Veh/hr]	[mph]
Myers-18 Lane-1	Point-35	35	568	25	0	0	0	0	0	0	1	25
Myers-18 Lane-2	Point-36	36	568	25	0	0	0	0	0	0	1	25
	Point-37	37	568	25	0	0	0	0	0	0	1	25

PR-2024-001643 (TM, DR) Exhibit 9 - CEQA Appendix N Consistency Analysis

REPORT:

INPUT TRAFFIC FOR USER-DEFINED VEHICLES (LAeq)

TNM VERSION:	3.1.7970.37608	REPORT DATE:	12 January 2024
CALCULATED WITH:	3.1.7970.37608	CALCULATION DATE:	1/12/2024 11:30:57 AM
CASE:	Warmington Magnolia Crossing	ORGANIZATION:	Hana Resources
ANALYSIS BY:	Hannah Boelts	PROJECT/CONTRACT:	7101

Roadway Name	Road Segment Start Point Name	No.	Volume [Veh/hr]	Speed [mph]	Volume [Veh/hr]	Speed [mph]	Volume [Veh/hr]	Speed [mph]	Volume [Veh/hr]	Speed [mph]	Volume [Veh/hr]	Speed [mph]
91 Freeway-1 Lane-1	Point-0	0	0	0	0	0	0	0	0	0	0	0
	Point-1	1	0	0	0	0	0	0	0	0	0	0
91 Freeway-1 Lane-2	Point-2	2	0	0	0	0	0	0	0	0	0	0
	Point-3	3	0	0	0	0	0	0	0	0	0	0
91 Freeway-1 Lane-3	Point-4	4	0	0	0	0	0	0	0	0	0	0
	Point-5	5	0	0	0	0	0	0	0	0	0	0
91 Freeway-1 Lane-4	Point-6	6	0	0	0	0	0	0	0	0	0	0
	Point-7	7	0	0	0	0	0	0	0	0	0	0
91 Freeway-1 Lane-5	Point-8	8	0	0	0	0	0	0	0	0	0	0
	Point-9	9	0	0	0	0	0	0	0	0	0	0
91 Freeway-1 Lane-6	Point-10	10	0	0	0	0	0	0	0	0	0	0
	Point-11	11	0	0	0	0	0	0	0	0	0	0
91 Freeway-1 Lane-7	Point-12	12	0	0	0	0	0	0	0	0	0	0
	Point-13	13	0	0	0	0	0	0	0	0	0	0

PR-2024-001643 (TM, DR) Exhibit 9 - CEQA Appendix N Consistency Analysis

Roadway Name	Road Segment Start Point Name	No.	Volume [Veh/hr]	Speed [mph]	Volume [Veh/hr]	Speed [mph]	Volume [Veh/hr]	Speed [mph]	Volume [Veh/hr]	Speed [mph]	Volume [Veh/hr]	Speed [mph]
91 Freeway-1 Lane-8	Point-14	14	0	0	0	0	0	0	0	0	0	0
	Point-15	15	0	0	0	0	0	0	0	0	0	0
Van Buren-9 Lane-1	Point-16	16	0	0	0	0	0	0	0	0	0	0
	Point-17	17	0	0	0	0	0	0	0	0	0	0
Van Buren-9 Lane-2	Point-18	18	0	0	0	0	0	0	0	0	0	0
	Point-19	19	0	0	0	0	0	0	0	0	0	0
Van Buren-9 Lane-3	Point-20	20	0	0	0	0	0	0	0	0	0	0
	Point-21	21	0	0	0	0	0	0	0	0	0	0
Van Buren-9 Lane-4	Point-22	22	0	0	0	0	0	0	0	0	0	0
	Point-23	23	0	0	0	0	0	0	0	0	0	0
Van Buren-9 Lane-5	Point-24	24	0	0	0	0	0	0	0	0	0	0
	Point-25	25	0	0	0	0	0	0	0	0	0	0
Van Buren-9 Lane-6	Point-26	26	0	0	0	0	0	0	0	0	0	0
	Point-27	27	0	0	0	0	0	0	0	0	0	0
Van Buren-9 Lane-7	Point-28	28	0	0	0	0	0	0	0	0	0	0
	Point-29	29	0	0	0	0	0	0	0	0	0	0
Primrose-16 Lane-1	Point-30	30	0	0	0	0	0	0	0	0	0	0
	Point-31	31	0	0	0	0	0	0	0	0	0	0
Primrose-16 Lane-2	Point-32	32	0	0	0	0	0	0	0	0	0	0
	Point-33	33	0	0	0	0	0	0	0	0	0	0
Myers-18 Lane-1	Point-34	34	0	0	0	0	0	0	0	0	0	0

PR-2024-001643 (TM, DR) Exhibit 9 - CEQA Appendix N Consistency Analysis

Roadway Name	Road Segment Start Point Name	No.	Volume [Veh/hr]	Speed [mph]	Volume [Veh/hr]	Speed [mph]	Volume [Veh/hr]	Speed [mph]	Volume [Veh/hr]	Speed [mph]	Volume [Veh/hr]	Speed [mph]
Myers-18 Lane-1	Point-35	35	0	0	0	0	0	0	0	0	0	0
Myers-18 Lane-2	Point-36	36	0	0	0	0	0	0	0	0	0	0
	Point-37	37	0	0	0	0	0	0	0	0	0	0

PR-2024-001643 (TM, DR) Exhibit 9 - CEQA Appendix N Consistency Analysis

REPORT:	**RESULTS: BARRIER DESCRIPTIONS**		
TNM VERSION:	3.1.7970.37608	REPORT DATE:	12 January 2024
CALCULATED WITH:	3.1.7970.37608	CALCULATION DATE:	1/12/2024 12:46:55 PM
CASE:	Warmington Magnolia Crossing	ORGANIZATION:	Hana Resources
ANALYSIS BY:	Hannah Boelts	PROJECT/CONTRACT:	7101

BARRIER DESIGN	INPUT HEIGHTS								
Barrier Name	Type	Heights Along Barrier			Length	If Wall	If Berm	Top	Run:Rise	Cost
		Min	Avg	Max		Area	Volume	Width		
		[ft]	[ft]	[ft]	[ft]	[ft²]	[ft³]	[ft]	m:m	$

<No Data>

PR-2024-001643 (TM, DR) Exhibit 9 - CEQA Appendix N Consistency Analysis

REPORT: **RESULTS: BARRIER-SEGMENT DESCRIPTIONS**

TNM VERSION:	3.1.7970.37608	REPORT DATE:	12 January 2024
CALCULATED WITH:	3.1.7970.37608	CALCULATION DATE:	1/12/2024 12:46:55 PM
CASE:	Warmington Magnolia Crossing	ORGANIZATION:	Hana Resources
ANALYSIS BY:	Hannah Boelts	PROJECT/CONTRACT:	7101

BARRIER DESIGN				INPUT HEIGHTS								
Barrier Name	Type	Segments		Heights			Length	If Wall	On Structure	Important Reflections?	If Berm	Cost
		Name	No.	First Point	Average	Second Point		Area			Volume	
				[ft]	[ft]	[ft]	[ft]	[ft²]			[ft³]	$

<No Data>

PR-2024-001643 (TM, DR) Exhibit 9 - CEQA Appendix N Consistency Analysis

TNM VERSION:	3.1.7970.37608	REPORT DATE:	12 January 2024
CALCULATED WITH:	3.1.7970.37608	CALCULATION DATE:	1/12/2024 12:46:55 PM
CASE:	Warmington Magnolia Crossing	ORGANIZATION:	Hana Resources
ANALYSIS BY:	Hannah Boelts	PROJECT/CONTRACT:	7101
ATMOSPHERICS:	68°F, 50%	DEFAULT GROUND TYPE:	HardSoil

Selected Receivers		Total	Important Barriers	Important Segments		Partial
Name	No.	LAeq	Name	Name	No.	LAeq
		dBA				dBA

<No Receivers/Barrier Important Segments Data>

PR-2024-001643 (TM, DR) Exhibit 9 - CEQA Appendix N Consistency Analysis

REPORT:		**RESULTS: SOUND-LEVEL DIAGNOSIS BY ROAD SEGMENT**		
TNM VERSION:	3.1.7970.37608	REPORT DATE:		12 January 2024
CALCULATED WITH:	3.1.7970.37608	CALCULATION DATE:		1/12/2024 12:46:55 PM
CASE:	Warmington Magnolia Crossing	ORGANIZATION:		Hana Resources
ANALYSIS BY:	Hannah Boelts	PROJECT/CONTRACT:		7101
ATMOSPHERICS:	68°F, 50%	DEFAULT GROUND TYPE:		HardSoil

Selected Receivers		Total	Important Roadways	Important Segments		Partial
Name	No.	LAeq	Name	Name	No.	LAeq
		dBA				dBA
Receiver-1	1	83.0	91 Freeway-1 Lane-1	Point-0	0	73.3
			91 Freeway-1 Lane-2	Point-2	2	73.5
			91 Freeway-1 Lane-3	Point-4	4	73.6
			91 Freeway-1 Lane-4	Point-6	6	73.8
			91 Freeway-1 Lane-5	Point-8	8	74.0
			91 Freeway-1 Lane-6	Point-10	10	74.2
			91 Freeway-1 Lane-7	Point-12	12	74.4
			91 Freeway-1 Lane-8	Point-14	14	74.6
			Van Buren-9 Lane-1	Point-16	16	44.0
			Van Buren-9 Lane-2	Point-18	18	43.8
			Van Buren-9 Lane-3	Point-20	20	43.7
			Van Buren-9 Lane-4	Point-22	22	43.4
			Van Buren-9 Lane-5	Point-24	24	43.3
			Van Buren-9 Lane-6	Point-26	26	43.1
			Van Buren-9 Lane-7	Point-28	28	43.0
			Primrose-16 Lane-1	Point-30	30	39.4
			Primrose-16 Lane-2	Point-32	32	39.5

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Selected Receivers		Total	Important Roadways	Important Segments		Partial
Name	No.	LAeq	Name	Name	No.	LAeq
		dBA				dBA
			Myers-18 Lane-1	Point-34	34	35.3
			Myers-18 Lane-2	Point-36	36	35.4
Receiver-2	2	89.4	91 Freeway-1 Lane-1	Point-0	0	79.1
			91 Freeway-1 Lane-2	Point-2	2	79.4
			91 Freeway-1 Lane-3	Point-4	4	79.7
			91 Freeway-1 Lane-4	Point-6	6	80.1
			91 Freeway-1 Lane-5	Point-8	8	80.5
			91 Freeway-1 Lane-6	Point-10	10	80.8
			91 Freeway-1 Lane-7	Point-12	12	81.3
			91 Freeway-1 Lane-8	Point-14	14	81.7
			Van Buren-9 Lane-1	Point-16	16	30.6
			Van Buren-9 Lane-2	Point-18	18	30.5
			Van Buren-9 Lane-3	Point-20	20	30.4
			Van Buren-9 Lane-4	Point-22	22	30.2
			Van Buren-9 Lane-5	Point-24	24	30.2
			Van Buren-9 Lane-6	Point-26	26	30.1
			Van Buren-9 Lane-7	Point-28	28	30.0
			Primrose-16 Lane-1	Point-30	30	35.2
			Primrose-16 Lane-2	Point-32	32	35.3
			Myers-18 Lane-1	Point-34	34	46.9
			Myers-18 Lane-2	Point-36	36	47.1
Receiver-3	3	90.8	91 Freeway-1 Lane-1	Point-0	0	80.4
			91 Freeway-1 Lane-2	Point-2	2	80.7
			91 Freeway-1 Lane-3	Point-4	4	81.0
			91 Freeway-1 Lane-4	Point-6	6	81.4
			91 Freeway-1 Lane-5	Point-8	8	81.8

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Selected Receivers		Total	Important Roadways	Important Segments		Partial
Name	No.	LAeq	Name	Name	No.	LAeq
		dBA				dBA
			91 Freeway-1 Lane-6	Point-10	10	82.2
			91 Freeway-1 Lane-7	Point-12	12	82.6
			91 Freeway-1 Lane-8	Point-14	14	83.2
			Van Buren-9 Lane-1	Point-16	16	35.7
			Van Buren-9 Lane-2	Point-18	18	35.6
			Van Buren-9 Lane-3	Point-20	20	35.5
			Van Buren-9 Lane-4	Point-22	22	35.3
			Van Buren-9 Lane-5	Point-24	24	35.3
			Van Buren-9 Lane-6	Point-26	26	35.2
			Van Buren-9 Lane-7	Point-28	28	35.1
			Primrose-16 Lane-1	Point-30	30	36.1
			Primrose-16 Lane-2	Point-32	32	36.2
			Myers-18 Lane-1	Point-34	34	37.3
			Myers-18 Lane-2	Point-36	36	37.5
Receiver-4	4	87.8	91 Freeway-1 Lane-1	Point-0	0	77.6
			91 Freeway-1 Lane-2	Point-2	2	77.9
			91 Freeway-1 Lane-3	Point-4	4	78.2
			91 Freeway-1 Lane-4	Point-6	6	78.5
			91 Freeway-1 Lane-5	Point-8	8	78.8
			91 Freeway-1 Lane-6	Point-10	10	79.2
			91 Freeway-1 Lane-7	Point-12	12	79.6
			91 Freeway-1 Lane-8	Point-14	14	80.0
			Van Buren-9 Lane-1	Point-16	16	31.8
			Van Buren-9 Lane-2	Point-18	18	31.8
			Van Buren-9 Lane-3	Point-20	20	31.7
			Van Buren-9 Lane-4	Point-22	22	31.6

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Selected Receivers		Total	Important Roadways	Important Segments		Partial
Name	No.	LAeq	Name	Name	No.	LAeq
		dBA				dBA
			Van Buren-9 Lane-5	Point-24	24	31.5
			Van Buren-9 Lane-6	Point-26	26	31.4
			Van Buren-9 Lane-7	Point-28	28	31.3
			Primrose-16 Lane-1	Point-30	30	36.6
			Primrose-16 Lane-2	Point-32	32	36.7
			Myers-18 Lane-1	Point-34	34	57.9
			Myers-18 Lane-2	Point-36	36	56.6
Receiver-5	5	77.6	91 Freeway-1 Lane-1	Point-0	0	68.1
			91 Freeway-1 Lane-2	Point-2	2	68.2
			91 Freeway-1 Lane-3	Point-4	4	68.3
			91 Freeway-1 Lane-4	Point-6	6	68.4
			91 Freeway-1 Lane-5	Point-8	8	68.5
			91 Freeway-1 Lane-6	Point-10	10	68.6
			91 Freeway-1 Lane-7	Point-12	12	68.7
			91 Freeway-1 Lane-8	Point-14	14	68.8
			Van Buren-9 Lane-1	Point-16	16	34.6
			Van Buren-9 Lane-2	Point-18	18	34.6
			Van Buren-9 Lane-3	Point-20	20	34.6
			Van Buren-9 Lane-4	Point-22	22	34.4
			Van Buren-9 Lane-5	Point-24	24	34.4
			Van Buren-9 Lane-6	Point-26	26	34.3
			Van Buren-9 Lane-7	Point-28	28	34.2
			Primrose-16 Lane-1	Point-30	30	41.9
			Primrose-16 Lane-2	Point-32	32	42.1
			Myers-18 Lane-1	Point-34	34	58.5
			Myers-18 Lane-2	Point-36	36	57.4

12 January 2024

PR-2024-001643 (TM, DR) Exhibit 9 - CEQA Appendix N Consistency Analysis

Selected Receivers		Total	Important Roadways	Important Segments		Partial
Name	No.	LAeq	Name	Name	No.	LAeq
		dBA				dBA
Receiver-6	6	76.6	91 Freeway-1 Lane-1	Point-0	0	67.1
			91 Freeway-1 Lane-2	Point-2	2	67.2
			91 Freeway-1 Lane-3	Point-4	4	67.3
			91 Freeway-1 Lane-4	Point-6	6	67.4
			91 Freeway-1 Lane-5	Point-8	8	67.5
			91 Freeway-1 Lane-6	Point-10	10	67.6
			91 Freeway-1 Lane-7	Point-12	12	67.7
			91 Freeway-1 Lane-8	Point-14	14	67.9
			Van Buren-9 Lane-1	Point-16	16	47.0
			Van Buren-9 Lane-2	Point-18	18	46.9
			Van Buren-9 Lane-3	Point-20	20	46.7
			Van Buren-9 Lane-4	Point-22	22	46.5
			Van Buren-9 Lane-5	Point-24	24	46.4
			Van Buren-9 Lane-6	Point-26	26	46.2
			Van Buren-9 Lane-7	Point-28	28	46.0
			Primrose-16 Lane-1	Point-30	30	46.1
			Primrose-16 Lane-2	Point-32	32	46.3
			Myers-18 Lane-1	Point-34	34	35.5
			Myers-18 Lane-2	Point-36	36	35.7
Receiver-7	7	74.6	91 Freeway-1 Lane-1	Point-0	0	65.6
			91 Freeway-1 Lane-2	Point-2	2	65.6
			91 Freeway-1 Lane-3	Point-4	4	65.6
			91 Freeway-1 Lane-4	Point-6	6	65.6
			91 Freeway-1 Lane-5	Point-8	8	65.6
			91 Freeway-1 Lane-6	Point-10	10	65.5
			91 Freeway-1 Lane-7	Point-12	12	65.5

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Selected Receivers		Total	Important Roadways	Important Segments		Partial
Name	No.	LAeq	Name	Name	No.	LAeq
		dBA				dBA
			91 Freeway-1 Lane-8	Point-14	14	65.5
			Van Buren-9 Lane-1	Point-16	16	44.8
			Van Buren-9 Lane-2	Point-18	18	44.9
			Van Buren-9 Lane-3	Point-20	20	45.1
			Van Buren-9 Lane-4	Point-22	22	45.2
			Van Buren-9 Lane-5	Point-24	24	45.4
			Van Buren-9 Lane-6	Point-26	26	45.6
			Van Buren-9 Lane-7	Point-28	28	45.7
			Primrose-16 Lane-1	Point-30	30	35.4
			Primrose-16 Lane-2	Point-32	32	35.4
			Myers-18 Lane-1	Point-34	34	27.4
			Myers-18 Lane-2	Point-36	36	27.4

TNM VERSION: 3.1.7970.37608	REPORT DATE:	12 January 2024
CALCULATED WITH: 3.1.7970.37608	CALCULATION DATE:	1/12/2024 12:46:55 PM
CASE: Warmington Magnolia Crossing	ORGANIZATION:	Hana Resources
ANALYSIS BY: Hannah Boelts	PROJECT/CONTRACT:	7101
DEFAULT GROUND TYPE: HardSoil		
ATMOSPHERICS: 68°F, 50%	Average pavement type shall be used unless a state highway agency	
PAVEMENT TYPE(S) USED: Average	substantiates the use of a different type with approval of FHWA.	

				Noise Reduction			Barrier Cost			
				Min	Avg	Max	Area / Volume	Lineal	Total	Total/DUs
Results for:			DUs	dB	dB	dB	$	$	$	$
Receivers in the Barrier Design:	All		7	0.0	0.0	0.0	0	0	0	0
	All Impacted		7	0.0	0.0	0.0	0	0	0	0
Meeting Noise Reduction Goal:	All		0	---	---	---	0	0	0	---
	All Impacted		0	---	---	---	0	0	0	---

Receiver				Modeled Traffic Noise Levels									
				All Abatement Barriers at Zero Height						With Abatement Barriers			
				LAeq		Increase over Existing					Noise Reduction		Calc.
			Existing		Absolute		Relative	Type	Calc.				Minus
			LAeq	Calc.	Criterion	Calc.	Criterion	of	LAeq	Calc.	Goal		Goal
Name	No.	DUs	dBA	dBA	dBA	dBA	dBA	Impact	dBA	dBA	dBA		dBA
Receiver-1	1	1	---	83.0	0.0	---	---	Sound Level	83.0	0.0	8.0		-8.0
Receiver-2	2	1	---	89.4	0.0	---	---	Sound Level	89.4	0.0	8.0		-8.0
Receiver-3	3	1	---	90.8	0.0	---	---	Sound Level	90.8	0.0	8.0		-8.0
Receiver-4	4	1	---	87.8	0.0	---	---	Sound Level	87.8	0.0	8.0		-8.0
Receiver-5	5	1	---	77.6	0.0	---	---	Sound Level	77.6	0.0	8.0		-8.0
Receiver-6	6	1	---	76.6	0.0	---	---	Sound Level	76.6	0.0	8.0		-8.0
Receiver-7	7	1	---	74.6	0.0	---	---	Sound Level	74.6	0.0	8.0		-8.0

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TNM VERSION:	3.1.7970.37608	REPORT DATE:	12 January 2024
CALCULATED WITH:	3.1.7970.37608	CALCULATION DATE:	1/12/2024 12:46:55 PM
CASE:	Warmington Magnolia Crossing	ORGANIZATION:	Hana Resources
ANALYSIS BY:	Hannah Boelts	PROJECT/CONTRACT:	7101
ATMOSPHERICS:	68°F, 50%	DEFAULT GROUND TYPE:	HardSoil

Selected Receivers		Total	Vehicle Type	Partial
Name	No.	LAeq	Name	LAeq
		dBA		dBA
Receiver-1	1	83.0	Automobiles	78.2
			MediumTrucks	78.8
			HeavyTrucks	77.5
			Bus	45.9
			Motorcycle	61.5
Receiver-2	2	89.4	Automobiles	85.0
			MediumTrucks	84.7
			HeavyTrucks	84.2
			Bus	51.2
			Motorcycle	67.3
Receiver-3	3	90.8	Automobiles	86.4
			MediumTrucks	86.0
			HeavyTrucks	85.5
			Bus	52.5
			Motorcycle	68.6
Receiver-4	4	87.8	Automobiles	83.3

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| Selected Receivers | | Total | Vehicle Type | Partial |
| Name | No. | LAeq | Name | LAeq |
		dBA		dBA
			MediumTrucks	83.2
			HeavyTrucks	82.5
			Bus	49.6
			Motorcycle	65.8
Receiver-5	5	77.6	Automobiles	72.6
			MediumTrucks	73.4
			HeavyTrucks	72.2
			Bus	39.9
			Motorcycle	56.4
Receiver-6	6	76.6	Automobiles	71.2
			MediumTrucks	72.5
			HeavyTrucks	71.4
			Bus	43.8
			Motorcycle	56.1
Receiver-7	7	74.6	Automobiles	69.2
			MediumTrucks	70.6
			HeavyTrucks	69.5
			Bus	42.3
			Motorcycle	54.3

12 January 2024

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REPORT: **Results: Sound Levels - No Barrier Objects**

TNM VERSION	3.1.7970.37608	
CALCULATED WITH:	3.1.7970.37608	
CASE:	Warmington Magnolia Crossing	
UNITS:	English	
DEFAULT GROUND TYPE:	HardSoil	
ATMOSPHERICS:	68°F, 50%	
PAVEMENT TYPE(S) USED:	Average	

REPORT DATE:	12 January 2024
CALCULATION DATE:	1/12/2024 12:46:55 PM
ORGANIZATION:	Hana Resources
ANALYSIS BY:	Hannah Boelts
PROJECT/CONTRACT	7101

Average pavement type shall be used unless a state highway agency substantiates the use of a different type with approval FHWA.

Receiver				Modeled Traffic Noise Levels				
				LAeq		Increase over Existing		
Name	No.	Nb. R.R.	Existing LAeq	Calc.	Absolute Criterion	Calc.	Relative Criterion	Type of Impact
			dBA	dBA	dBA	dBA	dBA	
Receiver-1	1	1	---	83.0	0.0	---	---	Sound Level
Receiver-2	2	1	---	89.4	0.0	---	---	Sound Level
Receiver-3	3	1	---	90.8	0.0	---	---	Sound Level
Receiver-4	4	1	---	87.8	0.0	---	---	Sound Level
Receiver-5	5	1	---	77.6	0.0	---	---	Sound Level
Receiver-6	6	1	---	76.6	0.0	---	---	Sound Level
Receiver-7	7	1	---	74.6	0.0	---	---	Sound Level

12 January 2024

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APPENDIX D

VIBRATION ANALYSIS

Ground Bourne Noise and Vibration Modeling

Caltrans 2013 / Transportation and Construction (last updated April 2020)   **STA 1 - Residence**

Equipment	Refernce Level Inputs			
	PPVref (in/sec)	Lvref (VdB)	RMSref (in/sec)	Reference Distance (ft)
Large bulldozer	0.089	87	0.022	25
Loaded Trucks	0.076	83	0.014	25
Jackhammer	0.035	79	0.009	25
Small bulldozer	0.003	58	0.001	25

Equipment	Vibration Level at Receiver			
	Distnace (ft)	PPVx (in/sec)	Lvx (VdB)	RMSx (in/sec)
Large bulldozer	50	0.0315	80	0.010
Loaded Trucks	50	0.0269	76	0.007
Jackhammer	50	0.0124	72	0.004
Small bulldozer	50	0.0011	53	0.000

Equipment	Vibration Contours		
	Distance to (ft)		
	0.200 PPV	72.0 VdB	0.0080 RMS
Large bulldozer	12	120	64
Loaded Trucks	10	79	42
Jackhammer	5	52	28
Small bulldozer	1	6	3

Ground Bourne Noise and Vibration Modeling

Caltrans 2013 / Transportation and Construction (last updated April 2020) **STA 4 - Residence**

Equipment	Refernce Level Inputs			
	PPVref (in/sec)	Lvref (VdB)	RMSref (in/sec)	Reference Distance (ft)
Large bulldozer	0.089	87	0.022	25
Loaded Trucks	0.076	83	0.014	25
Jackhammer	0.035	79	0.009	25
Small bulldozer	0.003	58	0.001	25

Equipment	Vibration Level at Receiver			
	Distnace (ft)	PPVx (in/sec)	Lvx (VdB)	RMSx (in/sec)
Large bulldozer	75	0.0171	76	0.007
Loaded Trucks	75	0.0146	72	0.004
Jackhammer	75	0.0067	69	0.003
Small bulldozer	75	0.0006	50	0.000

Equipment	Vibration Contours		
	Distance to (ft)		
	0.200 PPV	72.0 VdB	0.0080 RMS
Large bulldozer	12	120	64
Loaded Trucks	10	79	42
Jackhammer	5	52	28
Small bulldozer	1	6	3

Ground Bourne Noise and Vibration Modeling

Caltrans 2013 / Transportation and Construction (last updated April 2020)   **STA 6 - Residence**

Equipment	Refernce Level Inputs			
	PPVref (in/sec)	Lvref (VdB)	RMSref (in/sec)	Reference Distance (ft)
Large bulldozer	0.089	87	0.022	25
Loaded Trucks	0.076	83	0.014	25
Jackhammer	0.035	79	0.009	25
Small bulldozer	0.003	58	0.001	25

Equipment	Vibration Level at Receiver			
	Distnace (ft)	PPVx (in/sec)	Lvx (VdB)	RMSx (in/sec)
Large bulldozer	237	0.0030	65	0.002
Loaded Trucks	237	0.0026	61	0.001
Jackhammer	237	0.0012	58	0.001
Small bulldozer	237	0.0001	39	0.000

Equipment	Vibration Contours		
	Distance to (ft)		
	0.200 PPV	72.0 VdB	0.0080 RMS
Large bulldozer	12	120	64
Loaded Trucks	10	79	42
Jackhammer	5	52	28
Small bulldozer	1	6	3

Ground Bourne Noise and Vibration Modeling

Caltrans 2013 / Transportation and Construction (last updated April 2020)   **STA 5 - Residence**

Equipment	Refernce Level Inputs			
	PPVref (in/sec)	Lvref (VdB)	RMSref (in/sec)	Reference Distance (ft)
Large bulldozer	0.089	87	0.022	25
Loaded Trucks	0.076	83	0.014	25
Jackhammer	0.035	79	0.009	25
Small bulldozer	0.003	58	0.001	25

Equipment	Vibration Level at Receiver			
	Distnace (ft)	PPVx (in/sec)	Lvx (VdB)	RMSx (in/sec)
Large bulldozer	418	0.0013	60	0.001
Loaded Trucks	418	0.0011	56	0.001
Jackhammer	418	0.0005	52	0.000
Small bulldozer	418	0.0000	33	0.000

Equipment	Vibration Contours		
	Distance to (ft)		
	0.200 PPV	72.0 VdB	0.0080 RMS
Large bulldozer	12	120	64
Loaded Trucks	10	79	42
Jackhammer	5	52	28
Small bulldozer	1	6	3

Ground Bourne Noise and Vibration Modeling

Caltrans 2013 / Transportation and Construction (last updated April 2020)   **STA 7 - Residence**

Equipment	Refernce Level Inputs			
	PPVref (in/sec)	Lvref (VdB)	RMSref (in/sec)	Reference Distance (ft)
Large bulldozer	0.089	87	0.022	25
Loaded Trucks	0.076	83	0.014	25
Jackhammer	0.035	79	0.009	25
Small bulldozer	0.003	58	0.001	25

Equipment	Vibration Level at Receiver			
	Distnace (ft)	PPVx (in/sec)	Lvx (VdB)	RMSx (in/sec)
Large bulldozer	565	0.0008	57	0.001
Loaded Trucks	565	0.0007	53	0.000
Jackhammer	565	0.0003	49	0.000
Small bulldozer	565	0.0000	30	0.000

Equipment	Vibration Contours		
	Distance to (ft)		
	0.200 PPV	72.0 VdB	0.0080 RMS
Large bulldozer	12	120	64
Loaded Trucks	10	79	42
Jackhammer	5	52	28
Small bulldozer	1	6	3