



ACOUSTIC
CONSULTANTS

**20 Chorlton Villas
Hardy Lane, M21 8DN
Residential Development
Noise Impact Assessment**

Report Prepared For:

Step Places Ltd

Report Prepared By:

Tom Dixon BEng MIOA
PDA Ltd.

architectural
environmental
occupational
industrial
noise control at source
project management
planning
legal services
expert witness

Philip Dunbavin Acoustics Ltd.

3 Bridgewater Court · Barsbank Lane · Lymm · Cheshire WA13 0ER

Tel: 01925 759380 · www.pdaltd.com

Directors: P. R. Dunbavin · J. A. Dunbavin · M. de Salis · E. Evenden · R. Grant
Registered Number 2302847 England

Registered Office: 3 Bridgewater Court · Barsbank Lane · Lymm · Cheshire WA13 0ER



Document Control

Revision	1	2	3
Remark	First Issue		
Date	17/02/2020		
Report prepared by	Tom Dixon BEng MIOA		
Position	Acoustic Consultant		
Report checked by	Chris Wright BSc(Hons) MIOA		
Position	Acoustic Consultant		

Contents

1.0 SUMMARY

2.0 SITE DESCRIPTION

3.0 ASSESSMENT CRITERIA

3.1 National Planning Policy Framework (NPPF)

3.2 Planning Practice Guidance – Noise

3.3 BS8233:2014 Guidance on Sound Insulation and Noise Reduction for Buildings

3.4 WHO Guidelines for Community Noise

4.0 SURVEY DETAILS AND RESULTS

4.1 Noise & Vibration Survey Details

4.2 Noise Sources

4.3 Results

5.0 RESIDENTIAL DEVELOPMENT, NOISE BREAK-IN CALCULATIONS & MITIGATION

5.1 Break-In Calculations Method

5.2 External Walls

5.3 Room Dimensions & Volumes

5.4 Note Regarding COVID-19 Pandemic & Noise Egress Across Site Assessment

5.5 Mitigation Strategies

5.6 Break-In Noise Calculations Results

6.0 EXTERNAL NOISE LEVELS

7.0 CONCLUSION

APPENDIX I – DEFINITION OF ACOUSTIC TERMS

APPENDIX II –NOISE SURVEY FULL RESULTS

1.0 SUMMARY

At the request of Step Places Ltd, PDA has carried out a noise and vibration impact assessment in relation to the proposed new residential dwelling to 20 Chorlton Villas, Hardy Lane, Manchester, M21 8DN.

A noise survey has been conducted at site to establish the existing acoustic climate.

Internal ambient noise levels for the proposed residential dwellings have been calculated based on the results of the noise survey, predicted noise egress across site and dimensions for the room volumes and external façade/window areas.

To achieve the LPA design criteria regarding internal noise levels, suitable minimum noise insulation specifications have been derived for the windows and trickle ventilators.

External noise levels to garden and amenity spaces is expected to be below the 55 dBA as specified by the LPA design criteria for the development.

The ground borne vibration levels are at the lower end of the 'Low probability of adverse comment' criteria of BS 6472 for both day and night time periods and as such, BS 6472 would suggest that there is a low probability of adverse comment for this development. The vibration levels are therefore considered acceptable for residential development.

It should be noted that the noise impact assessment is dependent on assumed construction details as described in Section 5.2-5.3 of this report. PDA should be consulted on any deviations from the assumed details as described in this report as this may affect the outcome of the assessment.

2.0 SITE DESCRIPTION

The proposed new residential development will consist of 1no dwellings to currently vacant land at 20 Chorlton Villas, Hardy Lane, Manchester, M21 8DN. The site is adjacent to an existing residential development to the east site boundary. The Manchester Airport-Cornbrook tram line runs circa 25m to the north site boundary. To the south site boundary is a golf course and open fields are located the west.

An overview of the proposed site is shown in Figures 1 & 2 below:



Figure 1: Site Overview

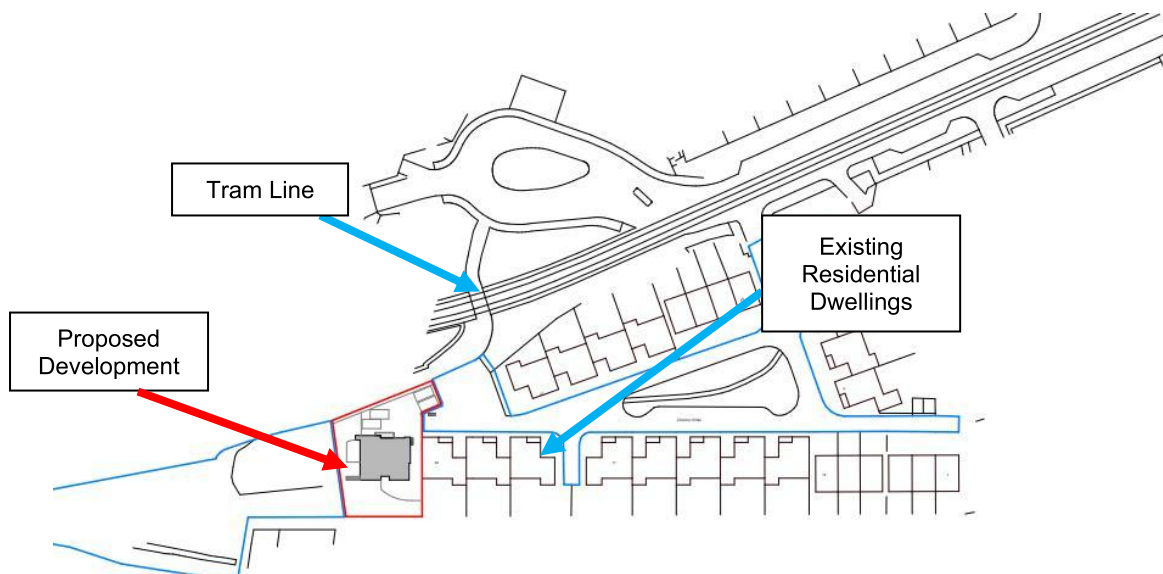


Figure 2: Site Layout

3.0 ASSESSMENT CRITERIA

3.1 Planning Permission, Application number: 127696/FO/2020

The regards to noise and vibration the Local Planning Authority have specified that the following assessment is required in relation to the proposed development.

Before the development commences a scheme for acoustically insulating the proposed residential accommodation against noise from tram lines shall be submitted to and approved in writing by the City Council as local planning authority. There may be other actual or potential sources of noise which require consideration on or near the site, including any local commercial/industrial premises. The approved noise insulation scheme shall be completed before any of the dwelling units are occupied.

Noise survey data must include measurements taken during a rush-hour period and night time to determine the appropriate sound insulation measures necessary. The following noise criteria will be required to be achieved:

-Bedrooms (night time - 23.00 - 07.00) 30 dB L_{Aeq} (individual noise events shall not exceed 45 dB L_{AFmax} , by more than 15 times)

-Living Rooms (daytime - 07.00 - 23.00) 35 dB L_{Aeq}

-Gardens and terraces (daytime) 55 dB L_{Aeq}

Upon completion of the development and before first occupation of the residential units, a verification report will be required to validate that the work undertaken throughout the development conforms to the recommendations and requirements in the approved acoustic consultant's report. The report shall also undertake post completion testing to confirm that the internal noise criteria has been met. Any instances of non-conformity with the recommendations in the report shall be detailed along with any measures required to ensure compliance with the internal noise criteria.

Due to the proximity of the development to the tram line, it will be necessary for vibration criteria to apply which can be found in BS 6841: 2005 "Guide to evaluation of human exposure to vibration in buildings". Groundborne noise/reradiated noise should also be factored into the assessment and design.

3.2 BS8233:2014 Guidance on Sound Insulation and Noise Reduction for Buildings

Dwelling houses, flats and rooms in residential use

British Standard 8233:2014, *Guidance on Sound Insulation and noise reduction for buildings*, gives guidance on internal noise levels within dwellings, flats and rooms in residential use when unoccupied. The following criteria are for Living and Dining Rooms for daytime use and Bedrooms for night time.

Table 2: BS8233 recommended indoor ambient noise levels

Activity	Location	07:00 to 23:00	23:00 to 07:00
Resting	Living room	35 dB $L_{Aeq,16hour}$	—
Dining	Dining room/area	40 dB $L_{Aeq,16hour}$	—
Sleeping (daytime resting)	Bedrooms	35 dB $L_{Aeq,16hour}$	30 dB $L_{Aeq,8hour}$

It should however be stressed that the above criterion relates to steady noise, in this case from road traffic etc., excluding unusual noise events departing from the typical noise character of the area.

In addition BS 8233 suggests, 'regular individual noise events (for example, scheduled aircraft or passing trains) can cause sleep disturbance. A guideline value may be set in terms of SEL or $L_{Amax,F}$, depending on the character and number of events per night. Sporadic noise events could require separate values'.

With regard to gardens and external areas, BS 8233:2014 (section 7.7.3.2) gives the following advice:

For traditional external areas that are used for amenity space, such as gardens and patios, it is desirable that the external noise level does not exceed 50dB $L_{Aeq,T}$, with an upper guideline value of 55dB $L_{Aeq,T}$ which would be acceptable in noisier environments. However, it is also recognized that these guideline values are not achievable in all circumstances where development might be desirable. In higher noise areas, such as city centres or urban areas adjoining the strategic transport network, a compromise between elevated noise levels and other factors, such as the convenience of living in these locations or making efficient use of land resources to ensure development needs can be met, might be warranted. In such a situation, development should be designed to achieve the lowest practicable levels in these external amenity spaces, but should not be prohibited.

3.3 WHO Guidelines for Community Noise

In 1999, the WHO (World Health Organisation) published Guidelines for Community Noise, stating the following internal noise levels are applicable within dwellings.

Table 3: WHO Guidelines for Community Noise criteria

Specific Environment	Critical Health Effect(s)	L_{Aeq} dB	Time Base (hours)*
Dwelling, indoors	Speech intelligibility & moderate annoyance, daytime & evening	35	16
Inside bedrooms	Sleep disturbance, night time	30	8

* Typically taken to be daytime/evening - 07:00 – 23:00 hours and night time 23:00 – 07:00 hours.

In addition to the above continuous equivalent noise levels, WHO guidelines indicates that exceedances of 45 dB L_{Amax} for single sound events should be limited to no more than 10 – 15 times per night, when measured with a 'fast' time weighting.

3.4 BS6472:2008 Guide to Evaluation of human exposure to vibration in buildings

BS6472:2008 develops guideline limiting vibration criteria for residential and other premises. BS6472 uses the Vibration Dose Value (VDV) parameter to assess the probability of adverse comments when human subjects are exposed to vibration from typical environmental sources of vibration (e.g. rail traffic). BS6472 gives the following envelope limiting values to describe varying degrees of perception:

Table 4: BS 6472 Recommended VDV Limits

VDV Period	VDV ms^{-1.75}		
	Low Probability of Adverse Comment	Adverse Comment Possible	Adverse Comment Probable
Residential Buildings 16hr day 07:00 – 23:00 hours	0.2 – 0.4	0.4 – 0.8	0.8 – 1.6
Residential Buildings 8hr night 07:00 – 23:00 hours	0.1 – 0.2	0.2 – 0.4	0.4 – 0.8

BS6472 states that for levels below the ranges in table 4 above adverse comment is not expected.

4.0 SURVEY DETAILS AND RESULTS

4.1 Noise & Vibration Survey Details

An ambient noise and ground borne vibration survey was carried out between 10:54 hours, Monday 8th February 2021 and 12:31 hours, Wednesday 10th February 2021. All noise measurements were conducted in 5-minute samples. All vibration measurements were conducted in 15-minute samples. The noise and vibration survey was conducted by Tom Dixon of PDA.

The locations for the measurement positions utilised for the noise and vibration survey are illustrated in Figure 3 below.

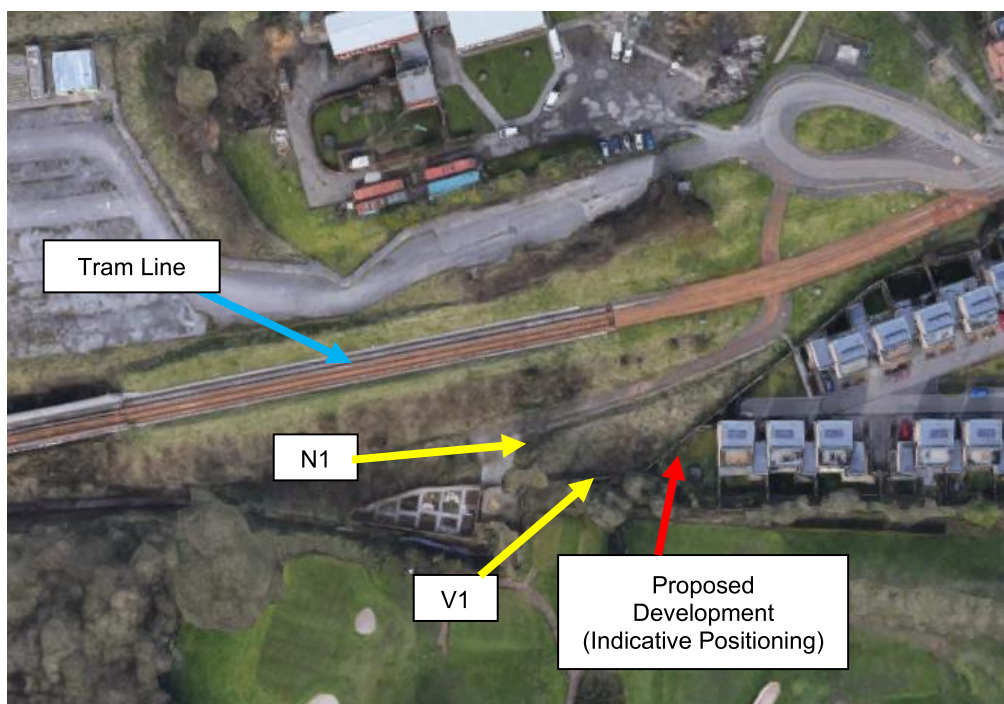


Figure 3: Noise & Vibration monitoring positions

Key

N1- noise measurement conducted 10:54 (08/02/21) - 12:18 (10/02/21). Measurement was conducted at a height of 3.5m above ground. Audio recordings were made throughout the period.

V2- vibration measurement conducted 11:27 (08/02/21) - 12:31 (10/02/21)

All measurements were conducted utilising the following equipment

N1-NTI XL2 (SN- A2A-04169-D2) -Sound Level Meter

V1- Svan 958 (SN- 23379) -Vibration Meter/Analyser

In accordance with IEC 61672-1:2002 the sound level meter has a Class 1 frequency response and can operate as an integrating sound level meter with frequency analysis and statistical functions. The sound level meter was set to measure 'A' weighted, broadband and various statistical parameters. All measurements were made utilising a 5-minute sampling period. The meter was field calibrated both before and after each measurement. In addition to this a valid calibration certificate is held for the meters and calibrator. It was ensured that the sound level meter was fitted with a windshield at all times. Audio recordings were made throughout the survey.

- 4.2** The vibration survey was conducted using a Svan 958 vibration analyser. The Svan 958 vibration analyser is a continuous monitoring vibration analyser with a tri-axial geophone sensor. The Svan 958 was set-up at Position V1 (Figure 3) which was judged to be representative of the building façades closest to prospective vibration sources, e.g. the tram line.

The ambient noise climate consisted of distant traffic sources. There were also short intermittent contributions to the overall ambient noise climate from trams to the north of site and birdsong.

4.3 Noise Survey Results

The full results of the noise survey are available in the Appendix. An overview of the results is provided below.

Table 5: Summary of noise survey results (Position 'N1' Figure 3)

Date	L _{Aeq,T} Day dBA	L _{Aeq,T} Night dBA	L _{Amax} Range Night dBA
08/02/2021	52	44	35-69
09/02/2021	51	47	34-74
10/02/2021	53	-	-

4.4 Note Regarding COVID-19 Pandemic & Noise/Vibration Egress Across Site Assessment

The noise and vibration survey was conducted during a period of national lockdown due to the ongoing COVID-19 Pandemic. However prior to the survey commencing Manchester Metrolink were contacted and it was confirmed that the frequency of trams to the Airport-Cornbrook tram line has not been affected by the national lockdown. Therefore further corrections to the measured noise and vibration levels at site to account for the national lockdown are not considered applicable.

5.0 RESIDENTIAL DEVELOPMENT, NOISE BREAK-IN CALCULATIONS & MITIGATION

5.1 Break-In Calculations Method

An assessment of the required acoustic insulation performance for the new residential development has been conducted. The assessment has been based on achieving the internal ambient acoustic conditions specified in Section 3 to this report.

The results of the noise survey have been used to inform a Sound Plan (SP) computer model which predicts the external noise levels to the proposed residential receivers to the north most area of the development site.

The Sound Plan software has been set up to model the sources by taking into account for all reflections and shielding around the site. Please note that the calculations follow the methodology detailed within ISO 9613-2 Acoustics - Attenuation of sound during propagation outdoors – Part 2: General method of calculation.

An overview of the model is depicted below.



Figure 4: Sound Plan Model Overview

Internal noise levels have been determined by calculating the noise break-in through the façade elements in octave frequency bands from 63 Hz – 8kHz. The internal noise levels have been determined, taking into account the sound insulation and area of each element, the room volume and reverberation time, and finally A-weighting the resulting spectrum to determine the internal noise levels. In accordance with the reverberation time standardisation detailed within ISO 140-4 the reverberation time within residential habitable rooms is assumed to be 0.5 seconds.

Minimum acoustic specifications have been identified for the glazing and trickle ventilators. These have been summarised as detailed in Section 5.5 below.

5.2 External Walls

The following construction details have been assumed for our calculations for all rooms within the residential properties:

Table 6, Ground Floor - First Floor, Sound Reduction Index's, Basic Façade Construction, Break In Calculations

Façade Construction	Brickwork outer leaf, cavity to timber stud frame, with sheathing board facing cavity and plasterboard layer to room side, mineral wool in the stud wall cavity							
Frequency	63	125	250	500	1k	2k	4k	8k
Sound Reduction Index, R, dB	24	39	48	54	64	69	70	65

Table 7, Second Floor, Sound Reduction Index's, Basic Façade Construction, Break In Calculations

Façade Construction	Zinc external cladding to plywood backing, timber stud frame with plasterboard layer to room side, mineral wool in the stud wall cavity							
Frequency	63	125	250	500	1k	2k	4k	8k
Sound Reduction Index, R, dB	17	18	35	45	50	52	54	49

The sound insulation properties for the basic building envelope construction have been taken from Insul (sound insulation modelling software).

5.3 Room Dimensions & Volumes

The following room dimensions have been scaled from room layout drawings for the development.

Table 8, Room Dimensions

Room	External Wall Area m²	Window Area m²	Room Volume m³
GF Bedroom	15.6	3.9	36.0
GF Small Living Room/Kitchen	22.8	4.4	61.1
GF Large Living Room/Kitchen	43.1	17.9	154.1
FF Living Room	32.6	17.9	115.1
FF Small Bedrooms	16.6	2.2	27.7
FF Large Bedrooms	12.8	6.2	32.8
2F Large Bedroom	11.0	12.5	51.2

5.4 Mitigation Strategy

The following required mitigation strategy has been derived based on the results of the SP model, the noise survey results and construction details as described in Sections 5.2-5.3, to achieve the internal noise levels as specified by LPA criteria

Table 9: Mitigation Strategy-All Rooms

Windows/Glazing Noise Insulation								
Typical Product	Minimum Sound Reduction Index R (dB) at Octave Band Centre Frequency (Hz)							R_w
	63	125	250	500	1000	2000	4000	
4/12/4	20	24	20	25	35	38	35	31
Ventilation Noise Insulation								
Typical Product	Minimum $D_{n,e}$ (dB) at Octave Band Centre Frequency (Hz)							$D_{n,e,w}$
	63	125	250	500	1000	2000	4000	
Simon TTF Slimline	36	40	36	35	31	33	36	31

Notes on Glazing Insulation

For the glazing specification in Table 9, all sound insulation values quoted above must be achieved by the overall combination of frame and glazing, and not just by the glazing alone. The frame should not reduce the performance of the system overall.

Glazing framing systems must be fully sealed with any small gaps (<10mm nominal) around the perimeter to be stuffed with dense mineral wool to full frame depth and sealed both sides with acoustic non-setting mastic, with additional weathering protection to be applied additionally externally to this. No gaps should be left unsealed.

Notes on Ventilation Insulation

The ventilator inlet described in Tables 9, are calculated to provide adequate sound insulation to maintain internal noise levels compliant with the guidance criteria when used in conjunction with the specified glazing described in Table 9. Selected ventilation inlets should provide equal or greater sound insulation performance across the frequency range to the values in Table 9. Specifications are based on the use of one (1) ventilator per room only.

The acoustic specification relates to the combined performance of all ventilation elements. Where two or more ventilators are required to meet the ventilation requirement, the acoustic performance for a single ventilator must be selected so that the combined performance is as stated in the Table 9. As an example, to achieve an overall acoustic insulation performance of $D_{n,e,w}$ 31 dB utilising two ventilators in a single wall, both individual ventilators should be rated at $D_{n,e,w}$ 34 dB. Requirements should be checked with the manufacturer.

Please note that the specification of vents is in terms of acoustic performance only. It should be checked by others that the ventilation requirements of the Building Regulations are also met.

Fan-assisted ventilation systems should be reviewed to ensure that the fan itself does not exceed the noise criteria as specified in Section 3.

5.5 Break-In Noise Calculations Results

Based on mitigation strategies as outlined in Section 5.4 being implemented into the final building envelope design and results of the noise survey, the following predicted internal noise levels have been calculated.

Table 10: Calculated Internal Ambient Noise Levels With Mitigation

Room Type	L_{Aeq16hr}, Day 07:00-23:00, dBA	L_{Aeq8hr}, Night 23:00-07:00, dBA	L_{Amax} 23:00-07:00 dBA
GF Bedroom	27	21	42
GF Small Living Room/Kitchen	25	-	-
GF Large Living Room/Kitchen	26	-	-
FF Living Room	27	-	-
FF Small Bedrooms	27	21	42
FF Large Bedrooms	29	23	43
2F Large Bedroom	30	24	44

As can be seen from Table 10, with the implementation of the relevant mitigation strategy as outlined in Section 5.5 of this report the internal ambient noise levels are predicted to be within the internal noise level limits as stipulated by the LPA planning criteria.

6.0 EXTERNAL NOISE LEVELS

With reference to the noise survey results it can be noted that the ambient noise climate measured throughout the survey during the daytime was $L_{Aeq,T}$ 51-53 dB. The external noise levels to garden areas are therefore expected to achieve the 55 dBA criteria as stipulated by the planning conditions.

7.0 VIBRATION LEVELS

A summary of the vibration survey results is presented below. The full survey data is available in the appendix.

Table 11: VDV Results

Date		Period	BS 6472 'Low probability of adverse comment' criterion [VDV]	Vibration [VDV] $ms^{-1.75}$		
				X	Y	Z
08/02/21	Day	Residential Buildings 16hr day 07:00-23:00 hrs	0.2-0.4	0.005	0.005	0.004
08/02/21	Night	Residential Buildings 8hr night 23:00-07:00 hrs	0.1-0.2	0.003	0.003	0.003
09/02/21	Day	Residential Buildings 16hr day 07:00-23:00 hrs	0.2-0.4	0.004	0.003	0.004
09/02/21	Night	Residential Buildings 8hr night 23:00-07:00 hrs	0.1-0.2	0.003	0.003	0.003
10/02/21	Day	Residential Buildings 16hr day 07:00-23:00 hrs	0.2-0.4	0.004	0.004	0.005

The maximum vibration levels are at the lower end of the 'Low probability of adverse comment' criteria of BS 6472 for both day and night time periods and as such, BS 6472 would suggest that there is a low probability of adverse comment for this development. The vibration levels are therefore considered acceptable for residential development.

**Note. A single vibration measurement conducted 08/02/21, 15:27-15:42, indicated a VDV of $4.3 ms^{-1.75}$, $2.2 ms^{-1.75}$ and $3.8 ms^{-1.75}$ in the X-Axis, Y-Axis and Z-Axis respectively. Trams passed continually during the day time throughout the survey and therefore it is concluded the recorded vibration level for this period was not caused by a passing tram. It is concluded that the anomaly high vibration level was most likely caused by a bird or other animal interfering with the transducer as comparable vibration levels with this period were not recorded at any other time throughout the survey. For this reason, the measurement has not been considered as part of the assessment.*

8.0 CONCLUSION

At the request of Step Places Ltd, PDA has carried out a noise and vibration impact assessment in relation to the proposed new residential dwelling to 20 Chorlton Villas, Hardy Lane, Manchester, M21 8DN.

A noise survey has been conducted at site to establish the existing acoustic climate.

Internal ambient noise levels for the proposed residential dwellings have been calculated based on the results of the noise survey, predicted noise egress across site and dimensions for the room volumes and external façade/window areas.

To achieve the LPA design criteria regarding internal noise levels, suitable minimum noise insulation specifications have been derived for the windows and trickle ventilators.

External noise levels to garden and amenity spaces is expected to be below the 55 dBA as specified by the LPA design criteria for the development.

The ground borne vibration levels are at the lower end of the 'Low probability of adverse comment' criteria of BS 6472 for both day and night time periods and as such, BS 6472 would suggest that there is a low probability of adverse comment for this development. The vibration levels are therefore considered acceptable for residential development.

It should be noted that the noise impact assessment is dependent on assumed construction details as described in Section 5.2-5.3 of this report. PDA should be consulted on any deviations from the assumed details as described in this report as this may affect the outcome of the assessment.

APPENDIX I – DEFINITION OF ACOUSTIC TERMS

The decibel

This is the basic unit of noise, denoted dB.

A-Weighting

This is a weighting process which simulates the human ear's different sensitivity at different frequencies. A weighting can be shown two typical ways, 50 dB(A) L_{eq} or 50 dB L_{Aeq} . Both mean the same thing. (See below for a definition of L_{eq}). The dB(A) level can be regarded as the overall level perceived by human beings.

L_{eq} and $L_{eq(s)}$

This is the equivalent continuous noise level which contains the same acoustic energy as the actual time-varying sound. In other words it is a kind of average noise level. It is denoted dB L_{eq} or, for A-weighted figures dB(A) L_{eq} or dB L_{Aeq} . It can also be expressed in terms of frequency analysis (see later). $L_{eq(s)}$ is the sample L_{eq} level.

L_n

This is the level exceeded for n% of the time. It is denoted dB L_n or, for A-weighted figures dB(A) L_n or dB L_{An} . It can be expressed in terms of frequency analysis (see later). L_{90} is the level exceeded for 90% of the time and is a measure of the lowest level typically reached. L_{10} is the level exceeded for 10% of the time and is the highest level typically reached. L_{50} is the level exceeded for 50% of the time and, mathematically, it is the median.

L_{max}

This is the maximum level reached during a measurement period. The "time constant", or the ability of the equipment to respond to impulses is usually expressed along with it, e.g. "Fast", "Slow", etc. It is denoted dB L_{max} or, for A-weighted figures dB(A) L_{max} , dB L_{Amax} , etc. It can also be expressed in terms of frequency analysis.

Frequency Analysis

Whereas dB(A) gives a very useful overall figure, it has its limitations in that it cannot be used to model or predict the effect of noise control and mitigation as this nearly always has radically different performance at different frequencies.

Frequency analysis expresses an overall noise level at each frequency or band of frequencies in the audible range. Octave band analysis divides the audible range into 10 bands from 31.5 Hz to 16 kHz and the noise level in each band can be expressed in any form e.g. L_{eq} , L_{90} , L_{max} etc. One third octave band analysis uses 30 bands.

Narrow band analysis takes the process to resolutions of less than 1 Hz. This is useful for identifying the existence of tones (whines, hums, etc.) and in pin-pointing the sources.

APPENDIX II –NOISE SURVEY FULL RESULTS

Noise levels recorded during the noise survey are presented below. All noise levels are of 5-minute sample periods.

N1, Noise Survey Results

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
08/02/2021	10:54:52	47.5	53	44.9	45.4	43.8	42.8	41.1	34.6	26.1	47.1	48.5
08/02/2021	10:55:00	50.9	57.9	50.9	48.2	46.3	44.9	44.4	41	40.2	47.7	73.4
08/02/2021	11:00:00	57.7	61.4	55.7	55.4	52.9	52.7	51.8	46.2	41.6	48.9	74.3
08/02/2021	11:05:00	54.3	60.7	53.9	51.4	48.5	47.9	49.6	43.3	39.5	48.7	72
08/02/2021	11:10:00	55.1	60	55.4	54.1	52.3	52	45.3	38.4	33.4	48.1	67.4
08/02/2021	11:15:00	48	55.5	48.3	46.8	44.1	43.1	41.3	34.5	31.6	43.6	65.1
08/02/2021	11:20:00	53.7	58.9	53.7	51.8	51.2	51.1	42.2	35.8	31.6	42.8	69
08/02/2021	11:25:00	47.6	59.5	52.3	48.2	44.7	42.5	37	34.6	35	42.7	61.1
08/02/2021	11:30:00	54.8	59.9	55	51.9	52.6	52.3	42.4	35.5	30.3	42.8	71.8
08/02/2021	11:35:00	44.7	56.2	46.7	46.4	41.1	40.6	34.9	28.5	25.2	42.2	56.3
08/02/2021	11:40:00	54.4	59.6	54.9	56.8	52	50.4	43.4	35.4	29.3	43.8	69.2
08/02/2021	11:45:00	48.2	57.8	49.9	46.8	42.6	43.9	41.4	35.9	31.4	43.3	60.9
08/02/2021	11:50:00	53.5	58.7	53.2	51.3	50.8	50.4	44.5	37.1	30	42.5	68.9
08/02/2021	11:55:00	47.5	59.2	51.5	47.6	43.8	42.1	39.3	36.7	31.6	44.2	63
08/02/2021	12:00:00	54.4	60.5	55.2	53.4	52	49.2	47	39.8	36.5	45.6	66.8
08/02/2021	12:05:00	45.6	56.4	49	45.5	42.7	41.9	34.9	29.2	26.6	43	51.5
08/02/2021	12:10:00	52.3	60.5	54.5	50.1	47.2	50.4	41.8	36.1	33.4	43.3	67.4
08/02/2021	12:15:00	43.9	53.4	46.3	43.7	41	40.5	33.1	27.5	26.3	42.3	52.3
08/02/2021	12:20:00	51.1	61	54.7	50.7	49	46.7	40.8	36.3	34.1	43.8	67.4
08/02/2021	12:25:00	52.8	56.2	51.3	50.4	50.1	50.2	42.3	33.4	27.5	43	69.2
08/02/2021	12:30:00	51.4	54.4	49.1	50.1	51.5	45.8	38.1	30.4	24.2	41.6	69.1
08/02/2021	12:35:00	51.6	56.3	51.3	46.7	45.9	50.8	37.9	30.9	25.2	41.9	65.6
08/02/2021	12:40:00	56.4	58	54.8	53.9	53.2	54	45.9	39.5	29.5	41	70.9
08/02/2021	12:45:00	47.1	55.2	47.5	44.8	41.9	42.5	41.2	32.2	33	42.9	66.1
08/02/2021	12:50:00	54.8	60.8	55.4	52.9	51.9	52	44.5	37.7	31.9	44.7	69.4
08/02/2021	12:55:00	46.5	57.2	49.8	49.1	44.1	41.5	34.7	31.5	30.3	42.5	56
08/02/2021	13:00:00	54.1	58.9	54.1	51.5	52.6	50.6	43	37.2	30.1	42.9	70
08/02/2021	13:05:00	45.7	56.9	49.3	45.1	41.9	41.3	36.8	34.3	28	42.7	59.9
08/02/2021	13:10:00	52.4	54.4	50.1	50.2	49.8	49.1	43.6	34.5	25.2	42.5	68.9
08/02/2021	13:15:00	51.6	58.7	53.5	52.6	47.7	48.1	41.7	38.7	33.6	44.5	67.8
08/02/2021	13:20:00	54.8	60.6	55.5	53.5	50.9	52.1	44.8	38.8	32.3	43.8	70.3
08/02/2021	13:25:00	46.4	55.6	48	44.7	42.5	41.7	36.9	37.2	34.3	43.1	62.4
08/02/2021	13:30:00	54.6	57.6	53.3	51.2	51.1	52.6	43.3	37.9	31.9	43.1	69.6
08/02/2021	13:35:00	44.7	55.2	46.9	44.4	41.8	41.3	33.9	29.6	25.9	42.8	51.4
08/02/2021	13:40:00	54.8	57.2	53.3	51	52.6	52.2	43.4	37.4	30.8	43.4	72.7
08/02/2021	13:45:00	47.5	56.1	49.2	48.3	43.8	42.6	39.4	35.9	29.5	43.9	61.6
08/02/2021	13:50:00	54.2	61.4	55.9	53.4	51.6	50.8	44.3	38.5	32.9	45.4	67.2

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
08/02/2021	13:55:00	49.6	58.4	51.9	49.5	47.5	45.7	38.8	34.8	31.9	44.5	67.6
08/02/2021	14:00:00	53.5	61.7	56.1	53.2	51.7	49	43.7	37.5	34.2	45.5	68.4
08/02/2021	14:05:00	46	57.6	49.9	46.6	43.6	41.9	34.9	30	27.9	43.3	52.6
08/02/2021	14:10:00	53.3	57.8	52.6	50.6	51	49.7	44.6	36.7	30.2	44.1	68.6
08/02/2021	14:15:00	53	62.8	55.9	51.7	48.5	50	44	39	35.5	44.8	67.7
08/02/2021	14:20:00	55.1	60.8	55.3	54.3	52	52	45.4	39.4	32.9	44	68.5
08/02/2021	14:25:00	48.2	60	51.9	49.6	46	43.1	37	33.5	32.4	44.3	59.3
08/02/2021	14:30:00	52.9	59.8	53.5	51.5	50.7	49.5	42.7	36.3	32.1	44.2	68.8
08/02/2021	14:35:00	51.1	61.5	54.8	51.3	48.5	46.9	40.9	36.7	33.8	45.6	66.9
08/02/2021	14:40:00	55	63	56.7	53.4	53	51.6	43.4	38.3	34.9	45.2	70.7
08/02/2021	14:45:00	45.6	55.3	49.6	47.6	43.4	41.5	33	26.9	23.7	44.1	51.1
08/02/2021	14:50:00	53.6	63.2	56.6	53.6	51.5	48.8	43.7	39.4	37.5	44.5	66.5
08/02/2021	14:55:00	49.9	56.6	52.1	48.7	46.8	47.2	39.8	32.9	29	43.5	66.1
08/02/2021	15:00:00	56.1	63.5	57.7	54.6	53	53.3	45.4	39.8	37.5	46.7	70
08/02/2021	15:05:00	48.2	58.7	51.7	48.3	45.2	44	38.6	33.8	32.1	44.3	57.9
08/02/2021	15:10:00	55.6	59.8	55.2	52.4	52.7	53.2	44.1	40.3	35.5	46.1	71.7
08/02/2021	15:15:00	44.7	54.1	46.1	43.6	41.6	41.3	32	34.6	28.1	42.7	53
08/02/2021	15:20:00	54.6	59.7	55	52.1	51.2	52.1	44.8	39	34.5	43.3	68.2
08/02/2021	15:25:00	46.6	55.1	48.8	46.6	43.2	41.8	34	36.2	37.8	43.8	56.9
08/02/2021	15:30:00	54.2	60.4	55.1	53.6	51	51.7	43.3	36.1	29.5	42.8	68.4
08/02/2021	15:35:00	49.7	59.5	52.2	53.4	48.2	43	37	34.4	34.6	45.8	60.3
08/02/2021	15:40:00	53.1	58.9	54.1	53.1	51.7	49.3	41.3	34.7	30.1	43.9	67.2
08/02/2021	15:45:00	47.6	58.3	51.3	48	44.5	42.8	37.4	35	35.8	44	61.8
08/02/2021	15:50:00	54.5	57.3	53.5	52.6	52.6	52	40.7	34.4	27.4	42.6	71
08/02/2021	15:55:00	47.6	58.7	51.6	49.7	44.6	43.1	36.8	32	29.3	43.4	60.7
08/02/2021	16:00:00	51.8	58	51.5	50.5	49.3	48.4	42.8	34.5	28.5	43.4	66
08/02/2021	16:05:00	50.2	60.1	52.7	49.5	47.1	46.5	40.7	36.6	28.6	43	66.1
08/02/2021	16:10:00	53.3	57.7	53.1	51.5	50.7	50	44.1	36.7	30.3	43.7	67.7
08/02/2021	16:15:00	45.9	53.6	48.2	44.8	42.1	42.6	36.4	34.1	25.5	43.7	59.2
08/02/2021	16:20:00	55.5	61.2	55.9	53.2	53	51.5	47.3	40.2	34.5	46.6	68.4
08/02/2021	16:25:00	54.1	58.7	57.2	52.9	51.3	50.2	44.8	40.6	37.3	43.6	79.6
08/02/2021	16:30:00	55.2	60.4	54.2	53.1	52.3	50.5	47.9	43.1	33.2	44.8	76
08/02/2021	16:35:00	48.3	58.4	50	47.2	44	44.9	38.9	37	28.8	43.5	68.7
08/02/2021	16:40:00	54.1	58.8	54.2	52.7	51.7	50.6	44.8	37.9	35.9	43.5	68.5
08/02/2021	16:45:00	44.8	53.4	45.4	43.6	40.6	40.6	33.8	36.9	27.9	42.4	65.6
08/02/2021	16:50:00	55.6	57.7	58.6	55.1	54.7	51.9	40.8	33.3	28.6	43.6	70.7
08/02/2021	16:55:00	44.6	53.4	45.7	43.6	41.1	41.9	33.4	28.5	26.9	42.3	53.2
08/02/2021	17:00:00	52.9	56.6	53.1	52	50.5	49.2	43.4	39.6	29.9	41.9	69.6
08/02/2021	17:05:00	45.1	55.1	47.5	44.8	41.7	41.5	35.3	30.7	28.1	43	57.5
08/02/2021	17:10:00	54.8	59.4	54.9	52.7	51.5	52.5	44.3	37.7	32.3	43.3	69.4
08/02/2021	17:15:00	47.9	56.1	48.6	45.5	42.6	43.6	42.3	31.5	27.1	44.6	57.3
08/02/2021	17:20:00	53.2	54.6	49.3	49.7	51	49	45.7	35.5	28.2	42.8	71.3
08/02/2021	17:25:00	53.4	55.3	51.6	47.8	46.7	45.8	49.8	41.8	33.6	43.4	67.9

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
08/02/2021	17:30:00	54.3	58.2	53.4	51.5	50.7	51.6	45.7	39.1	29.8	43.2	67.2
08/02/2021	17:35:00	45.6	55.9	48.8	45.9	42.3	41.8	35.6	30.2	27.7	43.4	55.2
08/02/2021	17:40:00	53.8	58.7	54.3	52.5	50.4	51.2	44.4	36.2	29.8	43.6	67.3
08/02/2021	17:45:00	44.4	58.3	47	44.1	40.8	41.3	33.4	26.1	23.5	42.3	50.7
08/02/2021	17:50:00	51.8	55.3	50.1	50	49.3	49.3	40.4	32.9	25.5	41.8	69.1
08/02/2021	17:55:00	51.6	59.7	53.2	48.9	47.4	49.9	38.8	33.9	31.5	42.4	65.1
08/02/2021	18:00:00	53.2	58.2	53.8	52.7	51.7	49.6	40.4	35.1	29.3	43	69.4
08/02/2021	18:05:00	45	56.4	48.8	45.4	41.9	41.4	33.1	29.1	26.7	42.6	59.6
08/02/2021	18:10:00	52.2	58	52.3	50.7	49.8	48.8	42.9	35	29.4	42.6	67.3
08/02/2021	18:15:00	48.5	55.7	51.9	49.2	46.4	44	38.2	32.1	27.6	42.2	64.3
08/02/2021	18:20:00	53.4	57	52.7	52.2	50.2	51	42.7	34.7	25.6	42	66.2
08/02/2021	18:25:00	51.4	58.6	56.8	50.9	49.6	47.4	37.1	28.8	23.8	43.2	75.8
08/02/2021	18:30:00	54.6	58.3	54	51.6	51.9	52	44.8	37	25.8	42.1	68.5
08/02/2021	18:35:00	46.4	59.3	54.2	48	42.8	41.7	34.8	31.4	29.1	43.1	54.7
08/02/2021	18:40:00	54.4	58.6	53.8	51.9	50.7	52.2	44.4	37.7	26.6	41.7	68.1
08/02/2021	18:45:00	47.4	59	51.8	48.3	45.3	42.7	35.9	32.4	30.9	42.4	63.9
08/02/2021	18:50:00	53.3	60.1	54.6	53.2	50.7	49.7	43.5	36.7	29.8	42.9	66.1
08/02/2021	18:55:00	43.9	54.6	46.9	44.2	41	40.4	32	28.7	26.4	40.9	52.8
08/02/2021	19:00:00	42.3	52.5	45.6	43.1	39.3	39.3	28.4	23.7	21.7	40.5	49.2
08/02/2021	19:05:00	52.4	56.9	52.1	50.8	51.5	48.5	39.7	31.7	25.4	42.3	69.3
08/02/2021	19:10:00	53	58.5	53.6	51.2	50.5	50.3	41.8	35	29	43.4	69.2
08/02/2021	19:15:00	51.4	56.5	52	48.9	46.1	50.2	39.4	33.8	25.1	41.1	69
08/02/2021	19:20:00	53.7	56.7	53.3	52.4	50.6	51.3	43.2	36	26.2	41	68.2
08/02/2021	19:25:00	44.4	50.9	46	43.9	42.7	41.1	29	22.1	20	40	62.2
08/02/2021	19:30:00	51.7	54.9	49.2	49.3	50.4	48.6	37.8	30	24	40.5	70.2
08/02/2021	19:35:00	41.9	52.6	45.2	42.4	39	38.5	29.3	25.2	22.7	39.9	49.1
08/02/2021	19:40:00	53.9	57	53.1	51.9	50.1	50.6	46.4	38.4	28.2	40.6	66.7
08/02/2021	19:45:00	48.6	54.1	51	51.6	48.9	41.3	32.4	26	24.6	41.7	61.6
08/02/2021	19:50:00	50.9	57.5	51.8	50.6	48.8	46.9	41.7	33.9	27.7	40.1	65.8
08/02/2021	19:55:00	47.6	60.3	52.9	48.6	44.5	41.8	37.2	35.6	36.1	41.8	59.7
08/02/2021	20:00:00	52.2	56.3	51.3	54	50.4	48	40.2	33.9	29.2	40.4	65.6
08/02/2021	20:05:00	47.3	52.8	47.1	43.3	41.5	46.6	32.6	25.2	23	39.5	63.7
08/02/2021	20:10:00	50.4	56.2	49.6	49.2	49.9	46.1	36.8	30.2	27.7	39.7	68.5
08/02/2021	20:15:00	41.5	51.9	44.4	41.9	38.4	38.2	29.8	23.9	22.8	39.4	47.2
08/02/2021	20:20:00	54.1	56.3	53	51.8	50.4	52.2	43.2	35.6	25.4	40.7	66.9
08/02/2021	20:25:00	40.5	49.2	41.6	40.3	37.3	37.8	27.8	22.5	22.4	39.1	48.5
08/02/2021	20:30:00	40.2	49.3	41.8	39.3	37.3	37.4	28.8	21.9	20.7	38.6	45.8
08/02/2021	20:35:00	39.9	47.3	39.5	38.1	36.6	37.7	28.1	20	21.4	37.4	50.3
08/02/2021	20:40:00	50.1	52.3	48.6	49.5	48.1	46	41.3	33.7	25.5	37.7	65.4
08/02/2021	20:45:00	49.2	53.8	49.9	45.9	46.2	46.1	41.1	34.1	23.3	37.6	62.6
08/02/2021	20:50:00	39.9	47	39.2	38	35.9	38.1	27.6	16.7	17.1	37.3	54.2
08/02/2021	20:55:00	38.9	49.2	40.7	37.9	35.5	36.4	26.1	18.9	17.7	37.4	43.8
08/02/2021	21:00:00	53.1	55.3	52.2	50.8	50.2	50.4	43.5	37	24.4	38.2	67.1

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
08/02/2021	21:05:00	42.3	47.1	39.1	38	42.3	39.1	28.5	16.8	17.1	36.5	61.1
08/02/2021	21:10:00	44.2	53.2	51.4	49.3	42.9	36	28.2	19.7	17.5	37.4	60.4
08/02/2021	21:15:00	43.8	48.5	43.1	38.8	36.4	39.6	35	35	36.4	37.3	54.5
08/02/2021	21:20:00	53.4	55.1	51.9	50.2	50.9	51.1	40.1	36.3	36.2	41.2	69.1
08/02/2021	21:25:00	38.7	44.9	37.2	36.6	34.4	34.8	27.7	27.8	30.2	36.9	42.8
08/02/2021	21:30:00	41.7	48.6	40.2	37.6	35.7	36.2	33	34	34.8	38.1	52.1
08/02/2021	21:35:00	37.6	47.2	37.5	35.7	34	34.5	25.3	24.7	26	36.3	43.1
08/02/2021	21:40:00	54	59.2	56.6	53.5	50.5	51.5	42.1	37.8	37	38.8	67.8
08/02/2021	21:45:00	36.9	46.1	37.7	36.7	33.3	33.7	24.2	21.6	24.7	35.4	42.1
08/02/2021	21:50:00	37.4	46.2	37.8	36.6	34.3	34.7	25.6	18.6	19.8	35.6	44.3
08/02/2021	21:55:00	38.7	46.4	40.7	40.7	35.7	34.1	25.6	25.3	27.2	36.1	47.6
08/02/2021	22:00:00	52.5	55	51.1	47.8	46.1	52	38.7	35	24.7	35.9	69.9
08/02/2021	22:05:00	49.7	51.4	47.7	48.5	46.7	45.3	42.4	34.5	29.1	37	64.6
08/02/2021	22:10:00	42.7	53.6	43.5	42.1	39.2	38.6	35.3	26.4	19.1	36.9	54.1
08/02/2021	22:15:00	36.8	46.1	39.9	36.7	33.7	34.1	23.2	16.7	18.2	34.7	42.4
08/02/2021	22:20:00	51.4	54.2	51.3	51.3	48.6	49	38.7	31.4	22.1	34.4	63.4
08/02/2021	22:25:00	37.3	45.5	36.6	36.2	33.4	34.9	26.1	18.7	20.1	34.8	43.1
08/02/2021	22:30:00	37.5	46.6	37.2	36	33.4	35.2	26.8	17.1	17.5	34.9	51.3
08/02/2021	22:35:00	41.1	54.3	41.7	38	35.1	36.6	35.4	27.3	19.9	35.1	53.5
08/02/2021	22:40:00	52.9	55.5	52.7	51.9	49	50.8	42.2	33.8	23.4	35.4	66.6
08/02/2021	22:45:00	36.8	45.4	36.8	35.4	32.7	34.7	25.2	15.4	16.6	33.7	45.2
08/02/2021	22:50:00	35.7	45	36.5	34.9	32.2	33.3	23.4	15.2	17	33.5	44.6
08/02/2021	22:55:00	35.6	45.3	36.4	35.6	32.4	32.6	24.3	17.1	17.6	33.7	49.6
08/02/2021	23:00:00	51.4	52.6	50.3	53.2	49.5	47.3	41.5	32.5	22.2	36	67.9
08/02/2021	23:05:00	48.7	53.7	50.9	47.2	45.8	45.3	40	33.6	23.2	35.8	65.9
08/02/2021	23:10:00	37	45.6	37.6	37.1	35.6	33.4	24.5	15.8	16.5	34.6	54.1
08/02/2021	23:15:00	35.7	45.6	38.1	36.6	33	32.6	22.1	16.6	17	34.4	42.5
08/02/2021	23:20:00	52.4	54.6	51.6	50.9	50.1	48.9	43.2	36.2	23.3	35.6	66.1
08/02/2021	23:25:00	36	45.6	37.7	36.4	32.5	33.1	24.1	17	17.2	33.8	42.5
08/02/2021	23:30:00	36.4	48.9	41.1	38.2	33.3	32.2	23.8	19.6	20	34.6	43.3
08/02/2021	23:35:00	38.1	46.3	41.2	39.8	35.4	34.8	24.7	17	17.4	34.3	52.2
08/02/2021	23:40:00	50.4	54.8	51.7	51.9	48.4	46.7	38.1	30.9	21.5	34	67.7
08/02/2021	23:45:00	35.4	47.3	39.2	36.7	32.5	31.6	22.5	18.7	18.1	33.9	40.7
08/02/2021	23:50:00	35.3	46.6	38.3	35.8	32.1	32.2	23.1	17.7	17.7	33.2	42.7
08/02/2021	23:55:00	51.3	52.2	49	49.1	48.4	48.8	40.6	31.9	22.3	33.5	68.3
09/02/2021	00:00:00	39.4	48.5	39.6	36.9	34.5	36.6	32.1	21.2	17.8	33.2	55.9
09/02/2021	00:05:00	35.6	44.8	36.9	36.5	32.6	32.8	20.4	16.4	16.9	32.8	45.6
09/02/2021	00:10:00	37.7	44.9	36.5	35.4	31.5	36.5	22.4	16.7	17	32.9	52.9
09/02/2021	00:15:00	43.3	45.1	36.9	35.8	31.9	43	25.5	19.4	17.1	33.3	62.6
09/02/2021	00:20:00	48.8	51.2	48.2	51	45.4	41.4	42.8	35.7	21.2	32.1	62.7
09/02/2021	00:25:00	38.7	45.7	36.8	36	33.6	36.9	28.7	17.8	16.3	32.4	50.3
09/02/2021	00:30:00	35.8	43.7	35.8	35.8	33.3	33.2	20.9	15.2	16.4	32.4	49.7
09/02/2021	00:35:00	45.6	48.5	44.9	42.3	44.7	42.6	31	23.3	17.1	31.8	65.5

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
09/02/2021	00:40:00	47.4	48.1	45.4	48.6	45.3	43.3	37.8	30	19.6	32	65.3
09/02/2021	00:45:00	34	45.5	36.9	34.5	30.2	30.4	22.3	20.5	17.4	31.4	48.8
09/02/2021	00:50:00	39.6	45.1	36.2	34.8	30.4	39.1	20.2	16.5	16.9	31.6	60.2
09/02/2021	00:55:00	38.7	45.2	36.5	35.3	38.7	35.4	25.3	16.7	16.9	32.4	57.7
09/02/2021	01:00:00	49.4	51.2	48	50.5	47.1	44.9	40.8	31.8	20	32.8	64.7
09/02/2021	01:05:00	35.3	44.9	39	35.8	31.7	30.9	26.3	21.9	17.1	32.8	49.7
09/02/2021	01:10:00	33.5	45.9	39.4	34.8	30.5	28.8	21.7	17.2	17.2	31.4	38.5
09/02/2021	01:15:00	34.2	47.6	40.4	36.5	31.6	28.8	21	18.7	18.1	31.9	39.8
09/02/2021	01:20:00	32	44.6	37.5	33.8	29.6	27.3	19	16.6	17	30.7	37.3
09/02/2021	01:25:00	32.5	45.8	37.2	34.4	30	28	18.9	16.5	17.1	31.1	37.4
09/02/2021	01:30:00	32.3	44.1	35.4	33.3	29.6	28.6	18.8	15.4	16.5	30.7	40.3
09/02/2021	01:35:00	32.4	42.8	34.2	33.2	29.3	29.1	19.2	15.4	16.6	30.5	38.8
09/02/2021	01:40:00	32.5	42.8	34.4	33	29.4	28.8	22.2	15.9	16.7	30.7	40.4
09/02/2021	01:45:00	32.7	46	37.3	33.9	29.9	28.2	20.2	18.2	17.9	30.7	39.1
09/02/2021	01:50:00	38	46.3	44.7	43.6	36.3	27.6	18	15.8	16.7	30.5	55.7
09/02/2021	01:55:00	33.8	47.4	39.4	35.2	30.6	29.4	21.5	18.7	18.2	30.5	42.9
09/02/2021	02:00:00	33.9	46.6	38.8	35.2	30.9	29.6	22.1	19.1	18.5	30.3	44
09/02/2021	02:05:00	34.5	48.5	40.2	36	31.2	30.1	22.4	19.1	18.5	31.2	43.9
09/02/2021	02:10:00	31	43.4	34.8	32.8	28.6	26.1	18.4	16.3	16.9	29	36.1
09/02/2021	02:15:00	32	43.6	34.4	32.9	28.9	28	21.4	15.6	16.4	29	42.1
09/02/2021	02:20:00	31.5	43.3	34.9	33.2	29.1	27.3	18.1	15.3	16.6	30.3	39
09/02/2021	02:25:00	31.7	43.4	35.9	33.3	28.8	27.5	18.8	15.8	16.6	29.9	39.3
09/02/2021	02:30:00	31.4	44.5	36.4	33.9	28.9	26	18.4	16.3	17	30	38.8
09/02/2021	02:35:00	30.6	43.6	35.1	32.5	28.2	25	18.5	16.7	17.1	29.1	37.4
09/02/2021	02:40:00	42.5	45.4	43.8	49.7	40.8	27.2	18.9	16.2	16.8	30.5	56.1
09/02/2021	02:45:00	32.3	44.1	35.4	33.6	29.4	28.2	20.9	16.2	16.8	30.3	43.2
09/02/2021	02:50:00	32.6	44	34.7	33.3	29.9	28.9	20.2	16	16.7	30.6	40.4
09/02/2021	02:55:00	31.2	43.5	34.4	32.9	29	26.6	17.2	15.4	16.6	29.6	41.6
09/02/2021	03:00:00	34.2	44.2	34.7	33.3	30.3	31.6	23.1	15.8	16.6	30	47.5
09/02/2021	03:05:00	31.2	44.4	35.3	33.1	28.7	26.8	17.5	15.5	16.6	30.1	38.7
09/02/2021	03:10:00	41.9	45.9	37.1	42.6	43.7	34.1	17.4	14.6	16.2	30	63.8
09/02/2021	03:15:00	33.9	45.3	36.5	35.1	33.4	28.5	18.1	15.9	16.7	30.3	51.3
09/02/2021	03:20:00	32	43.3	35.6	33.8	29.6	27.6	19	15.7	16.6	30.3	45
09/02/2021	03:25:00	31.5	44.8	34.9	33	29	27.1	18.2	15.9	16.7	30.1	40.4
09/02/2021	03:30:00	31.3	44.3	34.9	33	28.7	26.6	18.7	17	18	30.2	40.3
09/02/2021	03:35:00	32.4	43.4	33.4	32.2	29.3	29.5	19.2	14.9	16.3	30.7	37.9
09/02/2021	03:40:00	32.3	43.2	33.5	32.4	29.3	29	20	15.4	16.5	30.3	40.4
09/02/2021	03:45:00	30.8	42.9	32.7	31.7	28	27.2	18.3	14.8	16.2	29.6	36
09/02/2021	03:50:00	31.2	43.9	35.1	33	28.5	26.6	18.9	16.6	17	29.8	35.5
09/02/2021	03:55:00	30.7	44.9	35.2	32.5	28.2	25.8	18.1	15.9	16.7	29.2	36.4
09/02/2021	04:00:00	31	44	35.2	32.9	28.1	26.3	18.5	16.4	17	29.8	35.4
09/02/2021	04:05:00	33.3	46.8	39	35.1	29.9	28.6	20.7	19.2	17.4	31	40.9
09/02/2021	04:10:00	32.8	45.7	36.6	35.6	29.9	27.7	19.1	19.5	16.7	30.7	41.7

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
09/02/2021	04:15:00	33.2	44.8	35.3	34.5	29.9	28	24.7	20.1	16.5	30.6	49.2
09/02/2021	04:20:00	31.8	45.8	36.3	33.9	29.1	26.4	18.2	20.1	17.2	30.5	39.7
09/02/2021	04:25:00	32.5	46	37.2	34.5	29.6	27.2	19.6	20.9	17.5	31	39.6
09/02/2021	04:30:00	33.5	45.6	35.1	33.9	30.2	29.4	21.9	22.1	16.7	31.5	43.9
09/02/2021	04:35:00	32.5	45.2	35.7	33.9	30	27.7	18.2	22.1	16.5	31.5	41.3
09/02/2021	04:40:00	32.8	45.8	37.6	34.3	30.2	28	18.2	20.9	16.8	31.7	39.1
09/02/2021	04:45:00	32.4	45	35	33.5	30	28	17.9	20.8	16.6	31.4	37.9
09/02/2021	04:50:00	32.2	44.4	35.2	33.8	29.8	27.7	17.3	20.2	16.4	31.2	37.9
09/02/2021	04:55:00	33.4	44.6	35.5	33.9	30.3	29.5	21.3	21.2	16.4	31.8	41.5
09/02/2021	05:00:00	33	44.8	35.6	33.6	30.3	29.2	18.8	20.9	16.3	32	38.4
09/02/2021	05:05:00	33.9	45.2	36.7	35.1	31.3	30	19.1	21.1	16.6	32.5	40.3
09/02/2021	05:10:00	37.3	45.7	39.7	40.6	36.7	30.8	19.9	21	16.7	33	52.1
09/02/2021	05:15:00	48.7	53.7	50.7	46.7	45	46.8	38.1	30.8	22	33.7	65.6
09/02/2021	05:20:00	35.5	47.5	39	36.5	32.2	31.8	23.1	21.4	17.4	33.8	40.9
09/02/2021	05:25:00	48.8	52.9	50.1	46.2	45.3	45.5	40.5	36.5	22.1	34	63
09/02/2021	05:30:00	46.2	52.7	48.5	43.9	41.2	44.7	33.3	27.3	20.3	33.7	61.2
09/02/2021	05:35:00	36	46.8	38.1	37	33.1	32.6	22.7	20.7	16.8	34.9	41
09/02/2021	05:40:00	37.6	46.5	37.9	38	34.4	35	24	20.9	16.9	35.3	45.9
09/02/2021	05:45:00	47.6	55.2	52.9	47	45.5	43.9	36.4	32.2	21.7	35.5	63.1
09/02/2021	05:50:00	47.6	53.2	49.5	44.6	43.5	46.1	33.9	28	21.2	35.4	62.4
09/02/2021	05:55:00	36.6	45.8	37.8	36.7	33.5	33.7	24.2	17.5	17	35.2	41.1
09/02/2021	06:00:00	49.2	53	49.2	44.6	43.2	48.5	34.1	27.9	20.6	35.3	62.9
09/02/2021	06:05:00	38	46	37.2	37.5	34.3	35	28.9	17.9	16.3	36.3	46
09/02/2021	06:10:00	38.1	46.4	37.5	37.3	34.4	34.6	30.2	19.3	16.7	36.3	48.6
09/02/2021	06:15:00	48.6	53.3	49.2	44.9	43.7	47.5	35.5	28.3	20.8	37.4	63.1
09/02/2021	06:20:00	52.9	55.8	52.9	51.3	49.3	50.3	44.2	37.3	24.8	38	65.5
09/02/2021	06:25:00	39.6	47.7	39.5	39.7	36.7	37.1	26.9	16.9	16.6	38.6	43.6
09/02/2021	06:30:00	52.4	55.9	52.9	51.1	49.7	48.7	44.3	37.1	23.8	39.6	67.3
09/02/2021	06:35:00	41.3	48.6	43.7	41	37.6	38.4	31.4	21.8	17.2	39.8	49.2
09/02/2021	06:40:00	53.5	55.9	52.7	51.2	49.6	51.7	42	34.3	24.1	40.5	69
09/02/2021	06:45:00	43.3	51.1	44.9	42.3	39.4	39.7	34.4	31.9	20.1	41.2	52.5
09/02/2021	06:50:00	52.2	56.2	52.5	47.3	47.1	48.6	43.5	44.4	34.5	42.8	64.5
09/02/2021	06:55:00	50.6	54.4	50.5	51.5	46.5	44.4	41.2	43.4	36	41.1	64.3
09/02/2021	07:00:00	52	55	51.5	47.9	46.6	49.5	42	43.1	35.3	41.3	65
09/02/2021	07:05:00	50.2	52	47.1	48.8	48.1	47.1	37.8	36.5	28.8	41	68.1
09/02/2021	07:10:00	51.3	52.6	47.6	49.3	48.3	48.6	40.7	36.6	30.3	40.5	69.4
09/02/2021	07:15:00	52	54.5	50.1	49.3	45.8	47.4	45.9	42.8	35.6	41.7	63.9
09/02/2021	07:20:00	53.6	55.9	52.3	50.6	49.9	51.4	43.8	37.6	29.7	41.7	68.5
09/02/2021	07:25:00	45.3	50.7	42.5	41.9	39.8	40.7	37.8	37.4	30.3	41.8	62.3
09/02/2021	07:30:00	53.1	55.2	51.7	51.5	49.9	49.1	45.8	39	27.9	42.5	66.8
09/02/2021	07:35:00	47.4	52.5	45.8	42.3	45.5	45.6	33.5	25.8	21.8	41.9	64
09/02/2021	07:40:00	53.3	56.2	52	52.1	49.1	50.9	41.3	41.5	36.3	42.6	66.6
09/02/2021	07:45:00	44	51.3	43.4	42.4	40.1	41.3	33.1	30.9	26.4	42	53.5

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
09/02/2021	07:50:00	55.9	58.1	54.5	53.9	51.2	54	44.2	40.8	33.7	43.2	71.2
09/02/2021	07:55:00	53.5	52.3	44.3	44.4	45.9	52.2	42.4	35.8	21.1	42.4	69.4
09/02/2021	08:00:00	53.2	56.6	52.2	50.5	48.7	50.8	44.6	37.2	33.4	42.8	67
09/02/2021	08:05:00	44.3	53.1	44	43.5	40.6	41.6	33.4	26.7	27.2	42.6	53.8
09/02/2021	08:10:00	52.9	56.5	52.1	51.3	49.6	50.5	42.4	37.4	30	43.2	66
09/02/2021	08:15:00	46.8	52.5	43.9	43.5	40.6	41.4	39.4	40.2	30.2	42.9	64.5
09/02/2021	08:20:00	52.3	56.1	51.7	50.3	49	50.3	40.5	32.6	23.5	43.1	67.3
09/02/2021	08:25:00	44.7	52.6	45.9	43.4	40.8	41.9	33.3	33.4	24.5	43	57.4
09/02/2021	08:30:00	53.7	56	52.6	51.6	50.1	51.2	44.5	36.9	26.5	43.2	68.4
09/02/2021	08:35:00	46.2	53.5	45.1	43.1	40.7	42.8	39.6	32.2	26.5	42.1	63.8
09/02/2021	08:40:00	53	56.8	53.3	51.5	49.5	50.2	44.3	36.2	24.4	42.7	66.3
09/02/2021	08:45:00	44	53.3	45.3	43.2	41.2	40.7	33.1	28.5	20.7	42.1	58.7
09/02/2021	08:50:00	53.6	56.8	52.7	51.2	49.7	51.7	40.3	40.2	33.9	42.3	68.7
09/02/2021	08:55:00	43.4	52.4	43.7	42	39.8	40.4	33	30.5	24.8	41.4	51.7
09/02/2021	09:00:00	53.3	57.5	54.2	51.8	49.1	50.9	43.7	37.9	29.2	41.8	67.9
09/02/2021	09:05:00	42.8	51.4	43.7	41.4	39.5	39.5	31.9	31.9	22.9	41	54.2
09/02/2021	09:10:00	52.4	56.6	52.9	50.8	49.7	49.7	41.4	34.3	24.4	42.1	68.1
09/02/2021	09:15:00	42.3	52.1	44.3	42.1	39.7	39	30	26.5	22.3	40.8	56.5
09/02/2021	09:20:00	50	55.1	49.4	50.6	47.6	44.9	41.7	34.9	28.5	41.9	66
09/02/2021	09:25:00	47.9	53.4	49.5	45.4	45	45.3	37.3	32.7	29.3	41	62.1
09/02/2021	09:30:00	50.5	53.4	48.5	47.8	47	48.1	40.7	34.7	27	40.8	67.2
09/02/2021	09:35:00	48.8	55	51.6	47.2	44.8	45.9	40.1	34.2	24.8	41	66.8
09/02/2021	09:40:00	53.2	56.6	52.8	51.5	49.2	50.6	44.6	37.2	24.9	41.4	65.8
09/02/2021	09:45:00	54.1	54.9	46.4	45	47.5	53	41.7	34.9	25.4	42.1	68.9
09/02/2021	09:50:00	54.2	56.5	52.8	50.7	49.6	52.1	41.9	42	36	42.3	68.4
09/02/2021	09:55:00	42.5	50.3	42.6	40.7	39.5	39.1	30.6	27.6	32.5	40.4	51.3
09/02/2021	10:00:00	53	58.4	54.4	52.3	49.2	50.6	41.9	36.8	30.1	41.3	69
09/02/2021	10:05:00	44.7	52.8	45.2	42.3	40.8	40.8	37.4	32.7	26.2	41.5	57.9
09/02/2021	10:10:00	53.2	59.4	55.5	50.3	49.2	50.3	45.3	36.3	27.1	41.9	66.5
09/02/2021	10:15:00	54.6	59.7	57.8	57.1	54.9	48.4	35.2	27	22.2	42.5	70.8
09/02/2021	10:20:00	51	57.3	51.3	50.2	48.7	46.9	42.3	34.5	27.1	41.9	65.5
09/02/2021	10:25:00	46.4	54	48	48.5	42.5	41.9	37.4	33.3	27.8	42.9	63.5
09/02/2021	10:30:00	55.2	59	54.7	52.8	52.1	52.5	45.6	40	33.5	43.9	75.4
09/02/2021	10:35:00	45.7	54	47.1	44.5	43.2	42.1	36	29.7	24	41.5	57.8
09/02/2021	10:40:00	52.7	56.5	52.6	50.7	49.3	49.7	44.2	36.9	26.3	41.6	66.3
09/02/2021	10:45:00	43.4	51.4	44.4	42.4	40.4	40.4	32.6	27	23	41.1	51.2
09/02/2021	10:50:00	56.2	57.8	54.4	53.5	51.3	53.3	46	43.8	32.5	44	82.5
09/02/2021	10:55:00	47.4	58.6	51.8	48.1	44.5	42.2	37.5	34.8	33.2	42.9	59.1
09/02/2021	11:00:00	54.3	58	53.6	51.6	51.1	52.2	41.8	35	29.6	42.4	71
09/02/2021	11:05:00	44.8	55.5	48	43.8	42.1	40.6	33.8	33.7	26.3	41.8	60.8
09/02/2021	11:10:00	54.6	57.3	53	50.6	49.8	52.5	44.8	37.1	25.8	41.9	69.8
09/02/2021	11:15:00	51.1	55.7	55.7	53.5	49.9	46.3	35.4	28.8	24.2	41.9	68.6
09/02/2021	11:20:00	54	58.1	55	53.4	52	50.9	42.1	34.2	25.8	42.5	71.2

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
09/02/2021	11:25:00	44.5	52.2	45.6	47.9	42	39.9	32	26.5	26.3	41.1	58
09/02/2021	11:30:00	49.3	57.3	52.5	48.7	46.4	46.5	37.1	32.2	27.8	41.8	64.3
09/02/2021	11:35:00	52.9	54.9	49.6	49.3	50.5	50.4	41.3	32.1	29.6	42.3	71.2
09/02/2021	11:40:00	50.9	54.9	49.4	48.3	49.2	48	38.8	33.6	31.9	41.6	69.9
09/02/2021	11:45:00	49.1	56.8	51.9	48.9	45.5	45.9	39.4	34.8	32	41.7	68.3
09/02/2021	11:50:00	53.9	59.3	54.4	52.2	51.2	50.3	45.5	38.8	30.6	43.5	68.8
09/02/2021	11:55:00	43.7	53.2	45.4	43.3	40.7	40.4	32.6	27.8	27.5	41.9	53.2
09/02/2021	12:00:00	53	57.4	53.5	51.2	50.5	50.5	41.3	35.5	26.8	42.8	68
09/02/2021	12:05:00	44.9	54.6	47.7	45.8	42.2	40.6	33.6	32.8	28.6	42	57.2
09/02/2021	12:10:00	53.1	57.7	54.3	52.4	50.6	49.9	42.2	37.9	29.2	42.8	68
09/02/2021	12:15:00	48.6	53.2	48.5	49.4	47.3	43	39.2	35.8	28.9	42.5	65.6
09/02/2021	12:20:00	53.3	56.9	53.2	50.4	49.5	50.5	45.3	36.3	26.4	42.9	66.4
09/02/2021	12:25:00	44.3	51.8	44.8	43.9	42	40.6	33.2	30.7	22.9	42.1	54.3
09/02/2021	12:30:00	53.3	57.8	52.9	51.8	49.9	50.7	43.9	36.1	29.5	42.6	67.8
09/02/2021	12:35:00	47.5	60.2	51.9	47.3	44.1	42.9	38.6	34.5	31.8	44.3	59.6
09/02/2021	12:40:00	53	59.1	53.6	52	51.6	49.1	41.3	35.8	32	44.2	67.5
09/02/2021	12:45:00	46.7	56.2	49.5	48.8	44.4	41.5	35.2	34.2	29.7	43.2	53.8
09/02/2021	12:50:00	54	57.8	53.8	51.8	50.4	51.3	45.7	38.2	29.2	43.6	69.3
09/02/2021	12:55:00	44.5	54.4	47.3	44.4	41.3	40.8	34.8	29.6	25.4	43.1	50.9
09/02/2021	13:00:00	53.6	57.5	53.7	52.1	50.5	50.2	45.3	38.6	27.7	43	70
09/02/2021	13:05:00	45.7	56	48.7	45.9	43	41.7	35.7	31.2	26.6	42.7	54.8
09/02/2021	13:10:00	52.9	59	53.9	52.7	51.2	49.3	40.6	36.8	30.2	42.8	68.7
09/02/2021	13:15:00	45.4	55.6	48.4	45.3	42.4	41.2	34.5	34	31	42.6	54.7
09/02/2021	13:20:00	55	58	54.8	51.9	50.8	53	44.7	38.9	27.6	42.9	69.6
09/02/2021	13:25:00	45.8	53.1	47.9	49.4	43.9	40.2	32.2	31.5	27.4	41.7	54.7
09/02/2021	13:30:00	51.5	53.5	50.1	50.1	51.4	46.2	38.4	35.1	25	43.6	71.5
09/02/2021	13:35:00	51.7	55.7	52.5	49.1	46.9	50.2	40.1	36.3	27.4	43	66.2
09/02/2021	13:40:00	53.2	58.3	55.6	52.4	52.2	48.6	41	36.7	30.9	46.5	68.8
09/02/2021	13:45:00	48	54	52.7	47.7	43.3	42.3	41.5	37.1	29	44.6	63.9
09/02/2021	13:50:00	53.9	57.8	54.7	51.8	51.5	50.8	43.4	38.9	31.1	43.3	70.9
09/02/2021	13:55:00	46.5	54.8	51.5	47.4	43.6	41.7	35.6	35.4	28.6	44.6	52.2
09/02/2021	14:00:00	54.2	56.9	53.9	52	51	50.8	45.9	39.8	30	42.8	68.9
09/02/2021	14:05:00	45.8	54.7	48.3	45.5	42.8	41.7	36	33	28.4	42.7	55
09/02/2021	14:10:00	52.6	56.2	52.6	50.8	50.3	49.6	41.6	35.3	28	42.2	67.6
09/02/2021	14:15:00	43.7	50.5	44.7	44	41.5	40.5	30.6	24.8	22.3	41.4	49.5
09/02/2021	14:20:00	52.9	57.1	53.8	51.1	50.7	49.9	42.2	34.7	25.9	41.9	69.1
09/02/2021	14:25:00	48	55.3	48.9	50.6	46.7	41.6	34.3	36.9	27.8	42.2	67.7
09/02/2021	14:30:00	53.8	58.1	54	51.6	50.3	51	45.2	37.3	29.2	42.2	67.2
09/02/2021	14:35:00	45.6	53.4	47.7	43.9	41.6	42.8	36.6	27.4	23.6	41.7	56.7
09/02/2021	14:40:00	53.1	56.6	52.5	52	49.6	51.1	39.9	34.5	26.9	41.4	66.2
09/02/2021	14:45:00	47.8	53.1	47	47.6	44.2	42.9	40.8	35.2	31.5	42.4	64
09/02/2021	14:50:00	52.5	56.5	52	51.1	50.7	49.6	40.4	32.6	23.9	40.7	65.6
09/02/2021	14:55:00	43.6	53.4	46.1	43.9	41	39.8	32.2	27.9	25.1	41.9	49.8

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
09/02/2021	15:00:00	52.8	54.8	50.6	49	49.2	50.4	43.8	33.3	25.9	41.5	69.5
09/02/2021	15:05:00	52.2	57	53	49.6	47.6	50.6	40.9	35.8	27.5	42	68.2
09/02/2021	15:10:00	54	58.1	53.8	52.4	50.8	51	45.4	37.2	27.5	42.7	69.3
09/02/2021	15:15:00	44.5	53.5	46.9	44.1	41.7	41	34.2	27.7	23.6	42.1	53.6
09/02/2021	15:20:00	55.2	56.9	53.4	51.6	52.9	53.1	41.8	34.1	29.7	42	70.9
09/02/2021	15:25:00	46.3	55.8	48.7	45.8	43.1	43.2	35.4	30.2	25.6	42.4	57.5
09/02/2021	15:30:00	54.2	60.1	55.4	53.4	51.1	51.4	43.8	38	29.9	43.3	67.7
09/02/2021	15:35:00	47.5	55.6	47.3	44.8	44.2	41.5	39.6	39.9	31	42.3	70.3
09/02/2021	15:40:00	54	56.9	53.3	51.4	52.4	50.7	41.5	36.8	36.1	43	71.2
09/02/2021	15:45:00	46.6	57.9	56.8	46.4	41.1	40.2	32.3	36.3	38.3	42.8	56
09/02/2021	15:50:00	58.5	62.3	62.2	58.2	58.1	53.5	46.1	37.2	33.8	44.6	77
09/02/2021	15:55:00	45.9	55.3	48.9	47.8	43.1	41.5	34.3	29.7	26.6	43	58.5
09/02/2021	16:00:00	54.2	58.5	53.9	52.6	51.2	51.7	42.8	35.6	29	43.5	70.2
09/02/2021	16:05:00	46.1	54.8	48.2	48.3	42.8	41.5	36.6	30.6	27.1	43	63
09/02/2021	16:10:00	54.2	58	53.7	51.8	51.1	50.7	46	39.2	33	44.2	70.3
09/02/2021	16:15:00	47.9	56.9	52.1	48.3	46.8	43.1	35	30.8	33	43	74
09/02/2021	16:20:00	54.7	56.6	52.5	52.2	50.8	52.5	45.6	35.2	26.7	42.5	70
09/02/2021	16:25:00	44.1	52.7	45.1	43.7	41.8	40.6	32	30.1	25.8	41.9	62.6
09/02/2021	16:30:00	54.6	58.3	54.4	52.2	51.6	52.7	42.5	36.3	27.2	42	69
09/02/2021	16:35:00	45.5	55.6	48	44.5	44.7	41.3	34.1	28.6	25.2	42.2	60.2
09/02/2021	16:40:00	52.6	55.9	52.4	50.5	49.6	49.7	43.5	35.8	24.8	41.9	66.2
09/02/2021	16:45:00	48.6	57.8	52.1	53.3	46.6	41.8	35.4	31	28.4	43.2	59.5
09/02/2021	16:50:00	53.4	56.1	52.3	51.3	50.9	50.6	43.2	34.7	24.5	42.3	68.4
09/02/2021	16:55:00	44.3	52.7	44	42.7	40.4	41.6	35.1	26.7	21.2	41.7	56.2
09/02/2021	17:00:00	52.6	56.2	51.7	51.5	50.7	49.8	40.7	32.2	23.8	41.9	65.4
09/02/2021	17:05:00	45.4	55.5	46.2	43.2	41	41.6	37.9	32.1	23.9	42.2	60.9
09/02/2021	17:10:00	52.4	53.7	50.1	49.3	48.8	48.4	45.6	39.7	31.7	42.6	66.9
09/02/2021	17:15:00	49	54.8	50.8	48	45.9	44.5	41.1	36.9	24.1	42.5	66.7
09/02/2021	17:20:00	54.3	57.3	53.9	52.2	50.3	51.6	46.3	38.4	26.1	43.3	69.2
09/02/2021	17:25:00	46.2	52.5	45.4	43	41	42.1	40.8	28.9	24.1	43.5	55.2
09/02/2021	17:30:00	54	56.3	52.5	51.6	51.2	51.4	43.6	33.7	24.5	43.2	68.5
09/02/2021	17:35:00	46.2	54.9	46.8	43.7	40.6	41.9	40.6	30	27.5	42.9	60.6
09/02/2021	17:40:00	53.8	58.5	53.7	52.5	50.1	51.2	44	37.5	27.3	42.9	68.1
09/02/2021	17:45:00	44.8	54.9	47.4	44.5	41.6	41.7	33.4	27.5	25	42.3	51.4
09/02/2021	17:50:00	54.7	57	54	52.6	52.7	51.4	44.6	34.9	26.1	43.3	75.7
09/02/2021	17:55:00	57.6	52.4	54.1	57.3	58.9	51.5	42.4	24.6	23	42.3	80.8
09/02/2021	18:00:00	54.1	56.2	51.6	51.1	51.5	52.2	40.3	32.9	25.6	41.8	68.6
09/02/2021	18:05:00	43.7	52.3	44.7	43.5	40.3	41.2	31.6	23.3	20.2	42	54.5
09/02/2021	18:10:00	52.6	57.1	53.7	52	50.1	49.6	41.9	33.4	23.2	42.6	66.5
09/02/2021	18:15:00	44.7	53.9	46.6	44.3	42.3	41.6	32.3	26.4	21.7	41.5	63.6
09/02/2021	18:20:00	50.7	57.2	52.4	47.8	46.1	48.3	42.1	35.6	26.4	41.4	65.3
09/02/2021	18:25:00	51	53	49.4	51.7	48.8	45.3	44	34.9	21.2	42	66.3
09/02/2021	18:30:00	51.5	55.9	51.9	51.8	49.2	48.2	40.2	35.5	24.5	41.1	66

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
09/02/2021	18:35:00	41.8	50.5	42.8	41.5	38.7	39.3	29	19.7	18.5	40.5	47.7
09/02/2021	18:40:00	53.6	57.1	54.1	51.6	50.4	51.2	42.7	35.2	24.7	40.8	68.2
09/02/2021	18:45:00	46.5	53.5	47.5	42.3	42.6	45.4	30.7	19.4	17.8	40.9	64.1
09/02/2021	18:50:00	53.1	55.9	51.9	50.4	49	50.1	45.9	35.9	23.9	40.9	65.9
09/02/2021	18:55:00	42.7	49.6	41.8	40.9	38.7	40	34.1	21.7	17.3	40.6	54.6
09/02/2021	19:00:00	54.3	56.3	52.5	50.9	50	52.9	42.5	34.9	24.4	40.4	68.7
09/02/2021	19:05:00	42.7	51.6	45.3	42.5	39.7	40.1	29.8	22.9	20	40.9	51.2
09/02/2021	19:10:00	52.4	55.9	51	50.1	50.1	50	40	32.3	24	41.5	67.6
09/02/2021	19:15:00	44.8	53.2	55.6	47.6	39.6	39.2	27.4	19.9	18.9	40.4	59.6
09/02/2021	19:20:00	51.5	53.1	49.4	48.9	47.9	48.6	43.7	32.7	21.7	40.4	67.2
09/02/2021	19:25:00	48.7	53.3	49.1	46.3	44.9	45.8	40.7	34	21.1	40.1	62.5
09/02/2021	19:30:00	51.2	54.8	50	50	49.1	47	42.8	35.8	25.2	40.9	66.7
09/02/2021	19:35:00	42.2	52.2	45.1	42.6	39.3	39	29.5	25.5	23.3	40.2	50.3
09/02/2021	19:40:00	51.8	55.9	51.9	51.7	50.2	48.3	39.8	32.5	24.2	40.2	67.3
09/02/2021	19:45:00	41.5	48.7	42.1	40.8	38.6	39.1	28.3	18.2	17.4	39.8	52.1
09/02/2021	19:50:00	49.3	54.5	50.4	51	47.5	43.9	40.1	32.8	22	39.9	64.1
09/02/2021	19:55:00	41.4	50	42.2	41.3	38.3	38.9	28.1	21.2	19.7	39.8	50.7
09/02/2021	20:00:00	52.8	55.3	51.9	50.3	50.6	50.3	41	33.7	24.4	39.6	69.5
09/02/2021	20:05:00	41.5	50.9	43.5	41	38.2	38.9	28.5	23.2	21.2	39.2	47.8
09/02/2021	20:10:00	52.1	56	49.4	49.4	50.6	49.1	39.1	30.4	23.8	39.8	70.6
09/02/2021	20:15:00	44	54.8	47.7	44	42.6	39.4	32.4	29.4	26.9	39.4	61.1
09/02/2021	20:20:00	49.2	55.7	50.6	47.5	44.2	46.9	40.4	33.6	26	39.2	64.5
09/02/2021	20:25:00	48.3	55.2	49.9	50.2	47.1	43.1	35.5	29.2	25	40.4	64.1
09/02/2021	20:30:00	43.3	55.2	46.9	42.7	40.4	39.7	33.6	26.1	22.6	40.5	51.3
09/02/2021	20:35:00	43.4	58.9	52.8	42.7	39.2	38.6	30.3	27.4	26.1	40.2	55.8
09/02/2021	20:40:00	48.2	53.6	48.1	44.8	44.2	46.8	34.4	27.4	21.2	38.4	62.9
09/02/2021	20:45:00	51	51.5	48.7	49.5	48.8	47.3	42.2	34.8	22.9	38.7	68
09/02/2021	20:50:00	40.6	48.2	42.1	40	37.5	38.1	28.9	17.2	17.1	38.9	53
09/02/2021	20:55:00	50.5	55.1	55	54.3	49.8	44.4	30.5	19.3	18.3	38.3	68.8
09/02/2021	21:00:00	51.7	55.4	52	51	49.4	48.9	40.1	32.9	23.4	38.7	65.9
09/02/2021	21:05:00	42.2	50.4	45.5	43.8	41.1	37.7	26.9	21.7	20.1	39.1	55.4
09/02/2021	21:10:00	44.5	55.6	49.5	47.1	42.6	38.8	32.2	28.5	25.7	38.8	56.7
09/02/2021	21:15:00	40.8	52.2	47.9	42.5	38.4	36.4	26.6	22.7	21.1	38.6	49.6
09/02/2021	21:20:00	51.9	53.5	49.8	49.6	48.9	49.4	42.2	33.2	23	38.8	68.2
09/02/2021	21:25:00	48.6	54.3	48.9	45.5	44.7	47.3	35.2	28.8	22.4	37.9	64
09/02/2021	21:30:00	41.5	55.9	45.8	41.4	37.4	37.6	31.4	26.1	22.1	39.8	47.8
09/02/2021	21:35:00	41.2	54.3	45.1	41.3	37.6	37	31.7	26.6	21.4	37.8	50.9
09/02/2021	21:40:00	51.7	52.5	49.5	49	48.4	49.3	42	32	22.2	37.8	66.7
09/02/2021	21:45:00	39.7	49.3	42.9	41.2	36.7	36.5	25.3	20.6	19.9	37.7	45.7
09/02/2021	21:50:00	38.6	49.2	41.4	38.8	35.8	35.5	25.4	20.2	19	37.2	47.7
09/02/2021	21:55:00	39.7	50	42.4	43.2	37.1	35.2	25.1	21.4	20	36.5	52.7
09/02/2021	22:00:00	51.7	52.3	48.2	50	50.1	48.9	37.7	27.8	20.7	37.7	71.4
09/02/2021	22:05:00	52.8	57	53.7	50.2	49.3	50.6	42.6	37.6	26.2	38.4	66.6

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
09/02/2021	22:10:00	40.9	50.3	45.2	42.5	39.6	36.4	25.8	21	19.5	38.1	54.2
09/02/2021	22:15:00	39	48.9	42.5	39.3	36.4	35.9	25.1	19.5	18.5	37.7	42.9
09/02/2021	22:20:00	54.5	57.2	53.2	51.4	51	52.5	43.5	35	26.9	39.9	71
09/02/2021	22:25:00	42.8	55	47.6	43.7	39.7	38.5	31.3	28.3	26.7	39.4	50.1
09/02/2021	22:30:00	39.8	50.8	44	40.5	36.7	36	27.9	24.6	22.7	37.7	46.8
09/02/2021	22:35:00	40.3	51.9	44.5	41.2	37.9	35.9	29.1	25.4	23	37.3	48.7
09/02/2021	22:40:00	50.8	57	52.1	48.8	45.4	49.2	40.3	33.5	26.4	38	68.2
09/02/2021	22:45:00	37.3	47.5	40.1	37.9	34.9	34.1	22.6	17.6	17.4	35.8	44.4
09/02/2021	22:50:00	48.4	51.2	47.5	48.5	47.5	44.5	34.9	26.3	19.2	35.6	64.8
09/02/2021	22:55:00	44.7	49.5	48	47.8	44.8	38.2	24.4	16.7	16.9	35.9	61
09/02/2021	23:00:00	52.7	56.4	51.8	51.3	49.8	49.2	44.7	36.5	25.3	38.1	67
09/02/2021	23:05:00	40.4	52	44.4	41.4	37.4	37.1	26.7	22.6	21.1	37.3	51.5
09/02/2021	23:10:00	46.2	58.6	50.9	46	42.3	41.4	37.8	32.9	30.4	36.7	58.7
09/02/2021	23:15:00	41.9	55.4	48.1	43.3	39	36.6	30.6	28.4	25.8	37.2	48.9
09/02/2021	23:20:00	52.5	56.5	52.6	51.2	49.5	49.7	43.1	34.2	25.5	37	66.6
09/02/2021	23:25:00	39.1	50.6	43.2	40.1	35.9	35.1	27.9	24.8	22.6	36.3	50.3
09/02/2021	23:30:00	36.4	49.1	41	38	33.5	32.2	24.3	20.5	19.4	33.6	45.3
09/02/2021	23:35:00	36.1	48.4	40.8	37.9	33.6	31.9	22.5	19.8	18.8	33.6	43.8
09/02/2021	23:40:00	52	55.5	52.2	52.5	48.7	49	42.3	35.6	23.2	34.6	64.8
09/02/2021	23:45:00	39.5	50.3	42.9	41.1	36.8	35.4	26.4	24.6	22.3	36.6	47.3
09/02/2021	23:50:00	36	47	39.4	37.6	33.7	32.1	22.1	19.2	18.7	34.1	41.1
09/02/2021	23:55:00	51.6	52.9	49.9	49	47.8	49.6	41	31.8	22.8	34.8	68.7
10/02/2021	00:00:00	40.5	50.4	42.1	38.2	35.7	37.2	33.6	23.5	19.7	35.1	55.2
10/02/2021	00:05:00	37.1	48.8	41.5	38.9	34.6	32.1	24.8	23.7	22.2	34.9	51.2
10/02/2021	00:10:00	35.7	49.5	41.2	37.5	33.2	30.9	21.8	20	19.2	33.6	42.5
10/02/2021	00:15:00	36.4	48.9	40.7	38	33.6	32.6	22.6	19.7	18.7	34.4	41.5
10/02/2021	00:20:00	51.4	51.5	48	48.6	49.8	48.8	37.2	28	20.3	33.9	71.5
10/02/2021	00:25:00	36.8	49.7	42.4	38.7	34.3	31.7	24.5	22.5	21.1	33.5	43.2
10/02/2021	00:30:00	36.1	48.3	40.2	37.9	33.6	31.8	22.8	20.1	19	33.8	41.1
10/02/2021	00:35:00	37.6	51.9	45.1	39.2	34.7	32	25.4	24.3	22.2	34.7	47.8
10/02/2021	00:40:00	51.6	54.7	49.7	48.7	49.8	49	38	29.4	24	34.5	71.1
10/02/2021	00:45:00	42.3	57	49.3	44	39.3	35.8	31.4	29.6	27.1	37.3	51.8
10/02/2021	00:50:00	41	55.3	47.8	43.6	38.1	34.5	29.7	27.7	25.5	34.4	52
10/02/2021	00:55:00	35.5	48.9	40.7	37.7	33.4	30.3	21.9	20	18.9	34.4	41.2
10/02/2021	01:00:00	49	51.3	47.2	47.8	47.3	46.2	36.1	27.7	20.2	33.5	65.7
10/02/2021	01:05:00	37.2	48	41	38.6	33.8	33.8	24.1	19.5	18.5	34	50.7
10/02/2021	01:10:00	33.6	44.7	37	35.2	31.1	29.7	19.6	15.8	16.5	31.8	42.1
10/02/2021	01:15:00	34.9	46.7	39.3	36.2	32.2	30.8	22.1	19.9	18.8	32.5	41.5
10/02/2021	01:20:00	34.4	46.4	39.8	36	32.2	30	20.1	18.5	18	32.9	39.1
10/02/2021	01:25:00	34.3	44.4	38.2	36	32.2	30.2	19.4	16.2	16.7	32.8	41
10/02/2021	01:30:00	34.7	46	39.3	35.7	32.6	30.6	20.3	18	18.1	33.1	40.3
10/02/2021	01:35:00	34.6	45.6	39	37.3	32.4	29.9	20.3	18.8	18	32.2	45.2
10/02/2021	01:40:00	34.2	45.5	39.1	35.5	31.9	30.2	20.3	17.7	17.4	32.3	42.5

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
10/02/2021	01:45:00	33.8	47.5	40.4	36.1	31.6	27.8	20.6	19.6	18.7	31.2	41.4
10/02/2021	01:50:00	34.2	48.8	41.3	36.2	31.3	28.4	21.8	20.3	19.1	31	44.9
10/02/2021	01:55:00	33.1	46.3	38.5	35	30.5	28.3	19.8	18.8	18	31.3	38.3
10/02/2021	02:00:00	31.7	43.7	36.2	33.8	29.3	27.3	16.9	15	16.3	30.7	36.8
10/02/2021	02:05:00	33	44.9	37.8	35	30.5	28.2	19.8	18.2	17.6	31.7	39.4
10/02/2021	02:10:00	33.9	46.9	40.8	36.4	31.3	28	20.9	19.5	18.6	32.1	43.3
10/02/2021	02:15:00	34.4	46.4	39.6	37.6	32.4	28.7	20.4	18.1	17.7	32.3	42.5
10/02/2021	02:20:00	33.6	46	39.1	37.4	31.1	27.5	18.4	18	17.6	31.4	40.8
10/02/2021	02:25:00	34.7	48.4	40.4	36.7	32.6	29.6	19.7	18.9	18.2	32.1	43.3
10/02/2021	02:30:00	32.5	45.3	35.9	34.3	30.2	28.3	17.5	15.3	16.4	30.9	40.2
10/02/2021	02:35:00	31.2	43.5	35.1	33.2	29	26.6	16.6	14.4	16.1	30.1	37.4
10/02/2021	02:40:00	31.2	44	35.6	33.6	29	26.4	15.9	14.7	16.2	29.8	41.2
10/02/2021	02:45:00	30.8	43.6	34.8	34.5	28.4	25.2	14.6	14.2	16	29.5	40.1
10/02/2021	02:50:00	32.3	43.5	37.8	38	29.2	24.6	14.5	14.2	16	29.7	42.5
10/02/2021	02:55:00	31	43.1	34.2	33.7	28.2	26.7	16.3	14.2	16	29.5	39.1
10/02/2021	03:00:00	31.3	43.1	34.8	34.4	28.6	26.7	16.5	14.4	16	29.9	36.8
10/02/2021	03:05:00	31.7	44.5	36.4	35.5	29.6	25.8	15.4	14.4	16.1	30.4	37.1
10/02/2021	03:10:00	32.5	44.9	37.4	36	30.1	27.2	16.1	14.4	16	31.4	38.1
10/02/2021	03:15:00	31.1	45.7	37.3	34.7	28.8	25.1	14.8	14.2	16	30.2	37.3
10/02/2021	03:20:00	32.2	46.9	37.3	35	30.3	26.8	17.1	14.3	16	30.8	36.5
10/02/2021	03:25:00	31.4	46.5	37.2	34.8	29	25.7	15	14.2	16	30.6	35.3
10/02/2021	03:30:00	30.8	45.3	38.1	34.4	28.5	24.7	14.5	14.2	16	30	34.1
10/02/2021	03:35:00	31.1	46.7	36.8	35	28.8	24.7	14.5	14.2	16	30.2	35
10/02/2021	03:40:00	31.9	46.3	37.7	35.9	30.3	24.9	14.8	14.2	16	30.6	35.8
10/02/2021	03:45:00	31.8	46.6	37.6	34.4	29.4	26.8	16.4	14.3	16	30.4	41.7
10/02/2021	03:50:00	31.3	46.5	37.1	34	28.8	26.3	15	14.3	16	29.9	44.4
10/02/2021	03:55:00	30.6	45.9	36.5	33.9	28.4	24.8	15.1	14.7	16.1	29.7	34.6
10/02/2021	04:00:00	31.1	47.2	39.2	34.6	28.6	24.2	15	14.8	16.2	29.8	37.4
10/02/2021	04:05:00	32.2	46.1	36.9	34.9	29.7	27.1	17.8	15.9	17.4	30.1	42.7
10/02/2021	04:10:00	32.1	47.1	38.3	36.4	30.2	24.1	15.2	14.7	16.2	31.2	35.3
10/02/2021	04:15:00	32	46.1	37.4	35.2	29.9	26.3	15.7	14.4	16.1	31	37.8
10/02/2021	04:20:00	32.6	47	41.3	36.3	30.4	24.8	15.2	14.5	16.1	31.5	39.2
10/02/2021	04:25:00	31.9	48	38.5	35.9	29.7	24.6	15	14.6	16.1	30.9	37.9
10/02/2021	04:30:00	32.6	46.5	40.6	36.5	30.6	25.2	14.2	14.3	16	31.3	37.6
10/02/2021	04:35:00	32.8	45.8	38.2	37.2	31.2	26	14	14.3	16	31.9	36.4
10/02/2021	04:40:00	33.1	46.5	39	38.2	31	25.7	13.9	14.2	16	32	36.9
10/02/2021	04:45:00	33.1	46.8	39.3	37.3	31.5	26.4	14.4	14.2	16	32	40.7
10/02/2021	04:50:00	33.8	47.2	37.7	36.6	32.1	28.6	19.7	14.4	16	32.2	40.6
10/02/2021	04:55:00	34.8	47.7	39.2	38.5	33.2	29.1	17	14.2	16	33.2	40.3
10/02/2021	05:00:00	37.1	47.9	41.4	39.3	34.8	32.7	23.8	15.1	16	33.6	45.4
10/02/2021	05:05:00	35.4	47.3	39.8	39.5	34.3	28.7	17.4	14.3	16	34	42.6
10/02/2021	05:10:00	40.4	49.9	40.1	39	34.7	36.7	34.4	25.7	16.2	33.9	56.1
10/02/2021	05:15:00	53.8	54.7	50.7	49.5	50.9	52.4	41.3	35.3	22.8	33.5	69.8

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
10/02/2021	05:20:00	34	46.4	38.6	37.6	32.2	27.8	21	14.4	16	33	39.1
10/02/2021	05:25:00	50.7	54	50.5	48.3	48.9	47.7	40.4	32.2	21.8	34.5	64.5
10/02/2021	05:30:00	53.4	57.5	52.5	49.3	49.1	52.5	38.6	33.3	23.3	35.8	71.6
10/02/2021	05:35:00	40.5	51.3	47.2	43.4	37.6	33.5	32.5	18.6	16.3	35.9	52.7
10/02/2021	05:40:00	50.9	54.4	50.5	48.2	50.1	48.2	37.1	31.2	22.1	35.9	66.3
10/02/2021	05:45:00	38.2	49	42.4	41.9	36.7	32.5	23.2	14.7	16	36.4	45.1
10/02/2021	05:50:00	37.5	48.1	41.2	40	35.1	33.2	25.4	14.9	16	35.7	43.7
10/02/2021	05:55:00	50.9	54.1	50.7	48.3	48.9	48.7	38.7	31.7	22.2	35.6	66.3
10/02/2021	06:00:00	37.5	47.7	40.1	39.3	34.9	32.7	28.4	16.9	16.1	35.5	48
10/02/2021	06:05:00	37.4	47.8	42.1	40.2	35.4	32.6	22.9	17.2	16	36	43.7
10/02/2021	06:10:00	56.9	57.3	53.8	52	52.8	56.1	43.8	37.4	25.7	36.4	72.5
10/02/2021	06:15:00	38.9	49.3	40.4	41	36.9	34.3	28.7	18.3	16	36.8	44.8
10/02/2021	06:20:00	55.9	56.6	52.5	52.5	54.1	53.8	43.9	36.5	23.8	38.5	70
10/02/2021	06:25:00	41.1	49.2	40.4	42.7	38.7	37.9	27.7	18.7	16	39.7	45.6
10/02/2021	06:30:00	54.8	56.4	51.3	49.6	50.3	54	42.5	34.9	23.8	42.1	73.9
10/02/2021	06:35:00	54.1	54.7	50.1	52.7	53.1	50.6	43.7	33.1	22	44.7	67.2
10/02/2021	06:40:00	56.9	59.1	53.2	54.1	55	55.2	42.3	35.4	24.4	45.7	72.2
10/02/2021	06:45:00	44.7	51.2	43.8	45	40.9	40.9	36.7	30.8	21.5	41.9	60.3
10/02/2021	06:50:00	50	53.9	44.4	44.6	49.1	41.7	38.4	44.4	37.3	41	65.2
10/02/2021	06:55:00	51.4	55.5	49.3	51.9	49.4	46.2	40.7	42.6	35	40.4	65.1
10/02/2021	07:00:00	55.7	58	55.2	54	52	54	42.8	37.3	27.9	40.1	70.2
10/02/2021	07:05:00	44	51.6	43.6	43.2	38.9	36.8	35.5	37.5	33.1	39.4	59.9
10/02/2021	07:10:00	54.7	56.5	51.5	51.1	51.6	52.2	45.2	40.3	32.8	40.5	68.2
10/02/2021	07:15:00	44.8	52.2	43.5	43	38.5	37.8	36.1	39.6	29.5	39.6	63.9
10/02/2021	07:20:00	56.5	57.7	53.4	53.1	53.6	54.8	44.5	38.3	31.5	41.3	72.9
10/02/2021	07:25:00	54.9	58.7	52.3	50.3	50.2	53.9	42.4	37.2	32.4	42.2	72.3
10/02/2021	07:30:00	55.7	59.3	53.7	53.5	55	52.9	42.9	34.5	24.4	44.1	70.5
10/02/2021	07:35:00	45.9	54.2	46.4	47.6	43.8	42	32.9	22.8	32.6	44.2	58.1
10/02/2021	07:40:00	57.7	59.9	54.5	53.8	56	55.2	47.2	40.1	33.8	44	72.5
10/02/2021	07:45:00	47.4	55	48.6	46.2	44.8	43	37.9	35.3	32.8	43.8	60.7
10/02/2021	07:50:00	57.5	58.4	53.1	53.1	54.7	55.8	45.9	36.6	31.8	44.3	74.4
10/02/2021	07:55:00	45.8	54.9	45	46.4	42.8	42.5	34.5	30.9	25.3	44.2	56.6
10/02/2021	08:00:00	56.7	58.4	53.3	53.1	54.6	54.7	42.4	36	28	44.8	70.7
10/02/2021	08:05:00	48.7	55.1	48.2	47.9	44.8	45.9	36.5	33.5	31.1	45.2	68.3
10/02/2021	08:10:00	55.7	57.3	51.2	51.1	50.9	52.5	43.2	48.5	45.7	44.4	71.6
10/02/2021	08:15:00	54.6	60.4	57.7	56.5	52.4	51.2	38.9	35.4	32.9	44.4	68.2
10/02/2021	08:20:00	57.5	59.4	54.1	54	54.6	55.6	47.2	35.9	29.1	43.7	72.2
10/02/2021	08:25:00	50.6	55.6	45.2	45.9	43.7	45.7	46.4	33.7	31.6	43.2	66.9
10/02/2021	08:30:00	56.8	58.7	52.9	52.9	54	55	44.9	38.6	26.9	43.5	71.8
10/02/2021	08:35:00	45.2	55.7	48.1	46.9	42.7	41	33.7	27.1	23	43.5	52.3
10/02/2021	08:40:00	56.8	58.5	53.1	53.3	54.9	54.8	45.2	37.3	26.7	42.6	72.2
10/02/2021	08:45:00	43.9	54.5	44.3	45.9	41.4	39.3	33.3	29.3	25.7	41.8	59.8
10/02/2021	08:50:00	55.4	59.6	53.3	52.5	53.5	53.4	41.2	37.2	31.1	42.1	70.4

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
10/02/2021	08:55:00	42.6	54.4	44.5	44.5	40.1	37.5	30.7	29.6	29.1	41	53
10/02/2021	09:00:00	54.7	57.6	51.9	52.1	51.3	53.3	40.4	35.3	25.9	41.4	69.6
10/02/2021	09:05:00	43.9	57.3	46.6	44.9	42.4	38.2	33.8	30.1	26.6	41.1	54.2
10/02/2021	09:10:00	51.4	56.7	49.9	50.5	49.8	47.9	40.8	35	30.9	40.4	66.9
10/02/2021	09:15:00	51.9	56	49.4	47.8	45.9	51.2	36.9	32.9	25	40	68.3
10/02/2021	09:20:00	56	57.8	53.9	52.3	52.7	54.3	45	37.1	28.9	40.4	70
10/02/2021	09:25:00	50.3	55.5	48.9	49.9	47.4	45	44.1	28.3	25.3	41	67.1
10/02/2021	09:30:00	53.1	57.8	54	53	52.2	48.7	42.1	35.9	26.1	40.3	65.7
10/02/2021	09:35:00	43.6	53.9	45.5	44.8	40	37	35.2	35	24.9	40	67
10/02/2021	09:40:00	51.4	55.5	52.6	52.5	50.7	46.8	36.9	31	25.7	40.2	67.9
10/02/2021	09:45:00	51.6	55.8	51.4	48.8	49.2	49.2	41.4	32.8	21.9	40.1	67.9
10/02/2021	09:50:00	53.9	58.5	54.5	52.3	50.6	51.4	43.9	37.7	32.1	40.5	68.8
10/02/2021	09:55:00	42.3	53.1	43.8	43.2	38.2	37.7	33.9	28.7	21.8	39.3	60.2
10/02/2021	10:00:00	51.5	53.5	48.7	49.6	49.4	48.9	38.1	32.8	30	39.9	69.3
10/02/2021	10:05:00	53.6	56.3	51.3	49	47.4	52.9	39.5	35.9	37.5	40.5	70.6
10/02/2021	10:10:00	53.5	56.7	53	53.5	51.7	50.4	40.1	37.5	33.9	41.2	68.6
10/02/2021	10:15:00	43.1	51.5	42.6	42.3	40.1	37.6	36.4	31.1	22.6	39.2	58.1
10/02/2021	10:20:00	53.3	55.9	52.5	50.6	50.1	51.1	42.4	36	25.8	39.6	68.8
10/02/2021	10:25:00	43	54.8	45	42.2	39.8	39.6	31.9	29.2	26.9	40.1	50.2
10/02/2021	10:30:00	53.1	55.3	53.3	51.7	50.6	50.4	41.9	34.4	25.5	39.4	67.6
10/02/2021	10:35:00	45.6	50.4	44.8	46.9	40.4	38.1	40.7	34.3	28	39	61.7
10/02/2021	10:40:00	52.8	55.6	52.7	51.7	50.3	49.2	43.9	36.6	29.3	39.7	66.5
10/02/2021	10:45:00	42.6	49	40.6	40.3	37.7	37.6	36.4	33	25.3	38.7	58.2
10/02/2021	10:50:00	55.8	59.1	58.3	56.1	53.4	52.7	44.6	39	31.3	39.1	67.9
10/02/2021	10:55:00	51.7	57.1	55.2	53.7	51.9	44.3	34.5	36	33.4	38.5	69.1
10/02/2021	11:00:00	52.9	56.8	51.7	49.9	49.8	50.7	41.2	36.7	29.3	39.3	69.4
10/02/2021	11:05:00	51.2	55.9	49.9	45.7	45.5	50.2	38	35.8	33	39.4	68.1
10/02/2021	11:10:00	54.2	55.4	53.2	53.2	52.3	51.6	40.8	37.7	30.2	39.6	67
10/02/2021	11:15:00	43.9	49.6	40.5	40	37.6	37.2	35.5	37.5	36.3	38.8	61.8
10/02/2021	11:20:00	54.4	56.6	52.6	50.9	50.3	51.9	45.4	39.7	34.4	40.4	69.5
10/02/2021	11:25:00	43.2	52.2	43.2	40.7	39.5	38.8	34.7	33.9	24.6	39.9	54.4
10/02/2021	11:30:00	52.9	57	53.3	50.7	49.5	49.6	45.1	37.6	27.5	41.1	67.3
10/02/2021	11:35:00	43.1	54.8	44.7	41.3	39.5	38.8	34.8	32.2	23.6	39.5	54.9
10/02/2021	11:40:00	53.1	56.5	53.4	51.2	50.4	50	43.2	38.1	31.7	39.5	67.7
10/02/2021	11:45:00	44.7	51	44.8	42.1	39.8	39.5	36.6	36.7	34.4	41	56.7
10/02/2021	11:50:00	53.8	56.2	53.5	51.6	52.1	50.7	41.8	35.6	28.1	41.3	71.8
10/02/2021	11:55:00	47.3	53.9	45.1	40.9	39.3	40.4	33.7	43.7	39.2	39.4	60.7
10/02/2021	12:00:00	54.1	57.7	54.4	51.7	51.9	51.3	43.1	37.7	28.4	39.3	69.5
10/02/2021	12:05:00	42.9	52.7	44.2	42.9	38.8	38.4	34.5	31.4	28.6	39.3	60.6
10/02/2021	12:10:00	55.3	58.5	52.9	51.6	52.2	53.6	41.5	34	27.5	40	72.7
10/02/2021	12:15:00	46.3	50.8	44.4	43.5	42.5	42.4	37.2	35	36.8	39.4	68.6

V1-Vibration Survey Results

Date	Time	Duration	X-axis VDV (ms ^{-1.75})	Y-axis VDV (ms ^{-1.75})	Z-axis VDV (ms ^{-1.75})
*08/02/2021	11:27:43	00:15:00	0.069	0.027	0.041
*08/02/2021	11:42:43	00:15:00	0.013	0.015	0.002
08/02/2021	11:57:43	00:15:00	0.002	0.002	0.004
08/02/2021	12:12:43	00:15:00	0.001	0.001	0.001
08/02/2021	12:27:43	00:15:00	0.002	0.002	0.001
08/02/2021	12:42:43	00:15:00	0.002	0.002	0.001
08/02/2021	12:57:43	00:15:00	0.001	0.002	0.001
08/02/2021	13:12:43	00:15:00	0.001	0.001	0.001
08/02/2021	13:27:43	00:15:00	0.004	0.004	0.002
08/02/2021	13:42:43	00:15:00	0.002	0.002	0.001
08/02/2021	13:57:43	00:15:00	0.002	0.001	0.001
08/02/2021	14:12:43	00:15:00	0.002	0.001	0.001
08/02/2021	14:27:43	00:15:00	0.002	0.001	0.001
08/02/2021	14:42:43	00:15:00	0.002	0.001	0.001
08/02/2021	14:57:43	00:15:00	0.002	0.001	0.001
08/02/2021	15:12:43	00:15:00	0.002	0.001	0.001
**08/02/2021	15:27:43	00:15:00	4.320	2.195	3.802
08/02/2021	15:42:43	00:15:00	0.002	0.001	0.001
08/02/2021	15:57:43	00:15:00	0.002	0.001	0.001
08/02/2021	16:12:43	00:15:00	0.002	0.002	0.001
08/02/2021	16:27:43	00:15:00	0.001	0.001	0.001
08/02/2021	16:42:43	00:15:00	0.001	0.001	0.001
08/02/2021	16:57:43	00:15:00	0.002	0.001	0.001
08/02/2021	17:12:43	00:15:00	0.002	0.001	0.001
08/02/2021	17:27:43	00:15:00	0.002	0.001	0.001
08/02/2021	17:42:43	00:15:00	0.002	0.001	0.001
08/02/2021	17:57:43	00:15:00	0.002	0.001	0.001
08/02/2021	18:12:43	00:15:00	0.001	0.001	0.001
08/02/2021	18:27:43	00:15:00	0.001	0.001	0.001
08/02/2021	18:42:43	00:15:00	0.001	0.001	0.001
08/02/2021	18:57:43	00:15:00	0.002	0.001	0.001
08/02/2021	19:12:43	00:15:00	0.001	0.001	0.001
08/02/2021	19:27:43	00:15:00	0.001	0.001	0.001
08/02/2021	19:42:43	00:15:00	0.001	0.001	0.001
08/02/2021	19:57:43	00:15:00	0.001	0.001	0.001
08/02/2021	20:12:43	00:15:00	0.001	0.001	0.001
08/02/2021	20:27:43	00:15:00	0.001	0.001	0.001
08/02/2021	20:42:43	00:15:00	0.001	0.001	0.001
08/02/2021	20:57:43	00:15:00	0.001	0.001	0.001
08/02/2021	21:12:43	00:15:00	0.001	0.001	0.001

08/02/2021	21:27:43	00:15:00	0.001	0.001	0.001
08/02/2021	21:42:43	00:15:00	0.001	0.001	0.001
08/02/2021	21:57:43	00:15:00	0.001	0.001	0.001
08/02/2021	22:12:43	00:15:00	0.001	0.001	0.001
08/02/2021	22:27:43	00:15:00	0.001	0.001	0.001
08/02/2021	22:42:43	00:15:00	0.002	0.001	0.001
08/02/2021	22:57:43	00:15:00	0.001	0.001	0.001
08/02/2021	23:12:43	00:15:00	0.002	0.001	0.001
08/02/2021	23:27:43	00:15:00	0.001	0.001	0.001
08/02/2021	23:42:43	00:15:00	0.002	0.001	0.001
08/02/2021	23:57:43	00:15:00	0.001	0.001	0.001
09/02/2021	00:12:43	00:15:00	0.001	0.001	0.001
09/02/2021	00:27:43	00:15:00	0.002	0.001	0.001
09/02/2021	00:42:43	00:15:00	0.001	0.001	0.001
09/02/2021	00:57:43	00:15:00	0.001	0.001	0.001
09/02/2021	01:12:43	00:15:00	0.002	0.001	0.001
09/02/2021	01:27:43	00:15:00	0.001	0.001	0.001
09/02/2021	01:42:43	00:15:00	0.001	0.001	0.001
09/02/2021	01:57:43	00:15:00	0.001	0.001	0.001
09/02/2021	02:12:43	00:15:00	0.001	0.001	0.001
09/02/2021	02:27:43	00:15:00	0.001	0.001	0.001
09/02/2021	02:42:43	00:15:00	0.001	0.001	0.001
09/02/2021	02:57:43	00:15:00	0.001	0.001	0.001
09/02/2021	03:12:43	00:15:00	0.001	0.001	0.001
09/02/2021	03:27:43	00:15:00	0.002	0.001	0.001
09/02/2021	03:42:43	00:15:00	0.001	0.001	0.001
09/02/2021	03:57:43	00:15:00	0.001	0.001	0.001
09/02/2021	04:12:43	00:15:00	0.001	0.001	0.001
09/02/2021	04:27:43	00:15:00	0.001	0.001	0.001
09/02/2021	04:42:43	00:15:00	0.001	0.001	0.001
09/02/2021	04:57:43	00:15:00	0.001	0.001	0.001
09/02/2021	05:12:43	00:15:00	0.001	0.001	0.001
09/02/2021	05:27:43	00:15:00	0.001	0.001	0.001
09/02/2021	05:42:43	00:15:00	0.001	0.001	0.001
09/02/2021	05:57:43	00:15:00	0.001	0.001	0.001
09/02/2021	06:12:43	00:15:00	0.001	0.001	0.001
09/02/2021	06:27:43	00:15:00	0.001	0.001	0.002
09/02/2021	06:42:43	00:15:00	0.001	0.001	0.002
09/02/2021	06:57:43	00:15:00	0.001	0.001	0.002
09/02/2021	07:12:43	00:15:00	0.002	0.001	0.002
09/02/2021	07:27:43	00:15:00	0.001	0.001	0.002
09/02/2021	07:42:43	00:15:00	0.001	0.001	0.001
09/02/2021	07:57:43	00:15:00	0.001	0.001	0.002
09/02/2021	08:12:43	00:15:00	0.001	0.001	0.002
09/02/2021	08:27:43	00:15:00	0.002	0.001	0.002

09/02/2021	08:42:43	00:15:00	0.001	0.001	0.002
09/02/2021	08:57:43	00:15:00	0.001	0.001	0.002
09/02/2021	09:12:43	00:15:00	0.001	0.001	0.002
09/02/2021	09:27:43	00:15:00	0.001	0.001	0.001
09/02/2021	09:42:43	00:15:00	0.001	0.001	0.001
09/02/2021	09:57:43	00:15:00	0.001	0.001	0.001
09/02/2021	10:12:43	00:15:00	0.001	0.001	0.001
09/02/2021	10:27:43	00:15:00	0.002	0.001	0.001
09/02/2021	10:42:43	00:15:00	0.001	0.001	0.001
09/02/2021	10:57:43	00:15:00	0.001	0.001	0.001
09/02/2021	11:12:43	00:15:00	0.001	0.001	0.001
09/02/2021	11:27:43	00:15:00	0.001	0.001	0.001
09/02/2021	11:42:43	00:15:00	0.001	0.001	0.001
09/02/2021	11:57:43	00:15:00	0.002	0.001	0.001
09/02/2021	12:12:43	00:15:00	0.002	0.001	0.001
09/02/2021	12:27:43	00:15:00	0.001	0.001	0.002
09/02/2021	12:42:43	00:15:00	0.002	0.001	0.001
09/02/2021	12:57:43	00:15:00	0.001	0.001	0.001
09/02/2021	13:12:43	00:15:00	0.001	0.001	0.001
09/02/2021	13:27:43	00:15:00	0.002	0.001	0.001
09/02/2021	13:42:43	00:15:00	0.001	0.001	0.001
09/02/2021	13:57:43	00:15:00	0.001	0.001	0.001
09/02/2021	14:12:43	00:15:00	0.001	0.001	0.001
09/02/2021	14:27:43	00:15:00	0.001	0.001	0.002
09/02/2021	14:42:43	00:15:00	0.001	0.001	0.001
09/02/2021	14:57:43	00:15:00	0.001	0.001	0.001
09/02/2021	15:12:43	00:15:00	0.002	0.001	0.001
09/02/2021	15:27:43	00:15:00	0.001	0.001	0.001
09/02/2021	15:42:43	00:15:00	0.001	0.001	0.003
09/02/2021	15:57:43	00:15:00	0.001	0.001	0.001
09/02/2021	16:12:43	00:15:00	0.001	0.001	0.001
09/02/2021	16:27:43	00:15:00	0.001	0.001	0.001
09/02/2021	16:42:43	00:15:00	0.001	0.001	0.001
09/02/2021	16:57:43	00:15:00	0.001	0.001	0.001
09/02/2021	17:12:43	00:15:00	0.001	0.001	0.001
09/02/2021	17:27:43	00:15:00	0.001	0.001	0.001
09/02/2021	17:42:43	00:15:00	0.001	0.001	0.001
09/02/2021	17:57:43	00:15:00	0.001	0.001	0.001
09/02/2021	18:12:43	00:15:00	0.001	0.001	0.001
09/02/2021	18:27:43	00:15:00	0.002	0.001	0.001
09/02/2021	18:42:43	00:15:00	0.001	0.001	0.001
09/02/2021	18:57:43	00:15:00	0.002	0.001	0.001
09/02/2021	19:12:43	00:15:00	0.001	0.001	0.001
09/02/2021	19:27:43	00:15:00	0.001	0.001	0.001
09/02/2021	19:42:43	00:15:00	0.001	0.001	0.001

09/02/2021	19:57:43	00:15:00	0.001	0.001	0.001
09/02/2021	20:12:43	00:15:00	0.001	0.001	0.001
09/02/2021	20:27:43	00:15:00	0.001	0.001	0.001
09/02/2021	20:42:43	00:15:00	0.001	0.001	0.001
09/02/2021	20:57:43	00:15:00	0.002	0.001	0.001
09/02/2021	21:12:43	00:15:00	0.001	0.001	0.001
09/02/2021	21:27:43	00:15:00	0.001	0.001	0.001
09/02/2021	21:42:43	00:15:00	0.001	0.001	0.001
09/02/2021	21:57:43	00:15:00	0.001	0.001	0.001
09/02/2021	22:12:43	00:15:00	0.001	0.001	0.001
09/02/2021	22:27:43	00:15:00	0.002	0.001	0.001
09/02/2021	22:42:43	00:15:00	0.001	0.001	0.001
09/02/2021	22:57:43	00:15:00	0.001	0.001	0.001
09/02/2021	23:12:43	00:15:00	0.001	0.001	0.001
09/02/2021	23:27:43	00:15:00	0.001	0.001	0.001
09/02/2021	23:42:43	00:15:00	0.001	0.001	0.001
09/02/2021	23:57:43	00:15:00	0.001	0.001	0.001
10/02/2021	00:12:43	00:15:00	0.001	0.001	0.001
10/02/2021	00:27:43	00:15:00	0.001	0.001	0.001
10/02/2021	00:42:43	00:15:00	0.002	0.001	0.001
10/02/2021	00:57:43	00:15:00	0.001	0.001	0.001
10/02/2021	01:12:43	00:15:00	0.001	0.001	0.001
10/02/2021	01:27:43	00:15:00	0.001	0.001	0.001
10/02/2021	01:42:43	00:15:00	0.001	0.001	0.001
10/02/2021	01:57:43	00:15:00	0.001	0.001	0.001
10/02/2021	02:12:43	00:15:00	0.001	0.001	0.001
10/02/2021	02:27:43	00:15:00	0.001	0.001	0.001
10/02/2021	02:42:43	00:15:00	0.001	0.001	0.001
10/02/2021	02:57:43	00:15:00	0.001	0.001	0.001
10/02/2021	03:12:43	00:15:00	0.001	0.001	0.001
10/02/2021	03:27:43	00:15:00	0.001	0.001	0.001
10/02/2021	03:42:43	00:15:00	0.002	0.001	0.001
10/02/2021	03:57:43	00:15:00	0.001	0.001	0.001
10/02/2021	04:12:43	00:15:00	0.001	0.001	0.001
10/02/2021	04:27:43	00:15:00	0.001	0.001	0.001
10/02/2021	04:42:43	00:15:00	0.001	0.001	0.001
10/02/2021	04:57:43	00:15:00	0.001	0.001	0.001
10/02/2021	05:12:43	00:15:00	0.001	0.001	0.001
10/02/2021	05:27:43	00:15:00	0.001	0.001	0.002
10/02/2021	05:42:43	00:15:00	0.001	0.001	0.002
10/02/2021	05:57:43	00:15:00	0.001	0.001	0.002
10/02/2021	06:12:43	00:15:00	0.001	0.001	0.001
10/02/2021	06:27:43	00:15:00	0.001	0.001	0.002
10/02/2021	06:42:43	00:15:00	0.001	0.001	0.002
10/02/2021	06:57:43	00:15:00	0.001	0.001	0.002

10/02/2021	07:12:43	00:15:00	0.002	0.001	0.002
10/02/2021	07:27:43	00:15:00	0.001	0.001	0.002
10/02/2021	07:42:43	00:15:00	0.001	0.001	0.002
10/02/2021	07:57:43	00:15:00	0.001	0.001	0.002
10/02/2021	08:12:43	00:15:00	0.001	0.001	0.002
10/02/2021	08:27:43	00:15:00	0.001	0.001	0.002
10/02/2021	08:42:43	00:15:00	0.001	0.001	0.002
10/02/2021	08:57:43	00:15:00	0.002	0.001	0.002
10/02/2021	09:12:43	00:15:00	0.001	0.001	0.002
10/02/2021	09:27:43	00:15:00	0.001	0.001	0.002
10/02/2021	09:42:43	00:15:00	0.001	0.001	0.002
10/02/2021	09:57:43	00:15:00	0.001	0.001	0.002
10/02/2021	10:12:43	00:15:00	0.001	0.001	0.002
10/02/2021	10:27:43	00:15:00	0.001	0.001	0.002
10/02/2021	10:42:43	00:15:00	0.002	0.001	0.002
10/02/2021	10:57:43	00:15:00	0.001	0.001	0.002
10/02/2021	11:12:43	00:15:00	0.002	0.001	0.002
10/02/2021	11:27:43	00:15:00	0.001	0.001	0.002
10/02/2021	11:42:43	00:15:00	0.001	0.001	0.002
10/02/2021	11:57:43	00:15:00	0.001	0.001	0.002
10/02/2021	12:12:43	00:15:00	0.001	0.001	0.002
10/02/2021	12:27:43	00:15:00	0.001	0.001	0.001
10/02/2021*	12:31:20	05:00	0.000	0.000	0.000

**Note: Included PDA engineer attending equipment. Measurement not considered as part of the assessment.*

***Note: Vibration levels removed from assessment as the measurement is considered an anomaly. See Section 7 for details.*