
Noise Assessment and Verification Report to Discharge Condition 3b of Planning Consent at Generation House, Ancoats

For The Vegetarian Society, Manchester

**NOISE ASSESSMENT AND VERIFICATION REPORT TO DISCHARGE CONDITION 3B OF
PLANNING CONSENT AT GENERATION HOUSE, ANCOATS
FOR THE VEGETARIAN SOCIETY, MANCHESTER**



Report Quality Management			
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Revision History		
Rev	Date of Issue	Comment
00	20/05/2025	Initial issue for review



Contents

1 Introduction 1

2 Baseline Sound Description 3

Baseline Conditions.....3

Tables, Figures and Appendices

Tables

Table 2.1 Attended measurements

Appendices

Appendix A: BS 4142 Statements

Appendix B: Full Measured Noise Data

1 Introduction

- 1.1 The Acoustics, Noise and Vibration Team at Savills has been appointed by The Vegetarian Society to undertake a noise verification assessment and report in relation to a planning condition relating to planning application No: 140552/FO/2024 for the change of use from office to a cookery school at Generation House, Jersey Street, Manchester. The School is located within the administrative area of Manchester City Council (MCC). The permission is subject to a number of planning conditions; the following of which pertains to this assessment and report and requires discharge.

3) a) The development hereby approved shall be carried out in accordance with the approved details (Noise assessment or information 672187_REPORT01_R02 NOISE IMPACT ASSESSMENT 09/12/2024). The approved details shall be implemented in full as part of the development.

b) Within one month of the date of this approval, a verification report shall be submitted to and approved in writing by the City Council as local planning authority to validate that the work undertaken throughout the development conforms to the recommendations and requirements in the approved acoustic report. The report shall also undertake post completion testing to confirm that the noise criteria have 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 agreed noise criteria.

Reason - To minimise the impact of the development and to prevent a general increase in pre-existing background noise levels around the site pursuant to policies DM1 and SP1 of the Manchester Core Strategy (2012) and saved policy DC26 of the Unitary Development Plan for Manchester (1995).

- 1.2 The Acoustics, Noise and Vibration Team at Savills undertook the original Noise Impact Assessment (NIA) referenced in Condition 3 above, which concluded that Rating Levels would be at least 4 dB below the representative, as determined, background sound levels at all dwellings.
- 1.3 The technical content of this assessment has been provided by Savills personnel, with all work reviewed and authorised by corporate members, i.e. Member (MIOA) or Fellow (FIOA) of the Institute of Acoustics (IOA), the UK's professional body for those working in acoustics, noise and vibration. The assessment has been undertaken with integrity, objectivity and honesty in accordance with the Code of Conduct of the IOA.
- 1.4 The Team is also a member of the Association of Noise Consultants (ANC) which seeks to raise the standards of acoustic consultancy and improve recognition of the vital role which good acoustics, and the management and mitigation of noise and vibration play in achieving good design

and effective planning in the built and natural environment. Membership of the ANC indicates that the Team is sufficiently competent to pass the high standards for entry to the association.

- 1.5 This report and assessment has been peer reviewed within the Savills team to ensure that it is technically robust and meets the requirements of the Company's Integrated Management System.
- 1.6 Personnel and individual qualifications are provided within the Quality Management table at the start of this report and in Appendix A in accordance with the requirement of Section 12 of British Standard (BS) 4142:2014+A1:2019 'Methods for rating and assessing industrial and commercial sound' (BS 4142) [1].

2 Baseline Sound Description

- 2.1 The Vegetarian Society site is located on Jersey Street, Ancoats, Manchester, approximately 90 m northeast of Great Ancoats Street, in an area with existing commercial and residential use. The nearest noise sensitive receptors (NSRs) to the site are residential flats located approximately 15 m to the north and south of the site on Cotton Street and Henry Street, respectively.
- 2.2 A figure showing the Site, surrounding area and nearest NSRs is provided in Figure 1 at the end of this report.

Baseline Conditions

- 2.3 Attended sound level measurements of the operational fan units were carried out on Friday 9 May 2025.
- 2.4 Sound level measurements were made using a Rion NL-52 sound level meter in accordance with BS 7445-2:1991 'Description and measurement of environmental noise Part 2: Guide to the acquisition of data pertinent to land use' [2]. The SLMs were set up to log the A-weighted broadband sound pressure level (SPL).
- 2.5 A total of 15 measurements were undertaken at various distances from the fan units, with the results summarised in Table 2.1 below and full measurements provided in Appendix B. All measurements are $L_{Aeq, 1min}$.

Table 2.1 Attended Measurements of Fan Units

		Distance from Plant (m)		
		1	3	5
# of active plant	1 (right hand plant)	51	50	54
	1 (middle plant)	52	53	52
	3	55	56	53
	6	54	53	52
	0 / Residual ¹	-	-	52
1. Measured for 5 min.				

- 2.6 Sound level measurements were conducted within the boundary of the site at 1, 3 and 5 m as opposed to at the nearest noise sensitive receptor. This was on the basis that, with respect to the initial NIA carried out by the Savills Team, it was predicted that Specific Sound Levels would be at least 10 dB below the residual sound level. As such, it was deemed that any change in noise level caused by the plant operating would not be measurable at any nearby dwellings.
- 2.7 With respect to the above Table 2.1, measured sound levels with (ambient) and without (residual) the plant/fans active did not differ by a significant margin and, in some cases, the ambient sound level was lower than the residual sound level, indicating that the plant was not affecting the measured level. It was noted that, whilst on site, the plant was relatively quiet and potentially quieter than the manufacturer's product sheet indicated which stated a sound pressure level (SPL) of 60 dBA at 3 m.
- 2.8 It should also be noted that a lower noise level was observed when all six plant were active as opposed to three. This is again likely due to the ambient sound level being of a lower magnitude than the residual sound level.
- 2.9 Notwithstanding the above, the plant was observed to be on and functioning, and it was noted that sound levels within the kitchen whilst the plant was active were noticeably higher than when not.
- 2.10 In addition to this, and with respect to Appendix B, the 100 Hz frequency band showed a noticeable, albeit not significant, increase in level when the plant was active, indicating that the plant was indeed affecting the acoustic environment, albeit not by a margin that would be noticeable or measurable when considering the broadband A-weighted sound pressure level.
- 2.11 With respect to the above, it is considered likely that the manufacturer's acoustic data provided to the Savills Team for the original assessment (a sound pressure level of 60 dBA at 3 m) was in respect to the internal sound pressure level of the plant, rather than the external level, which correlates with observations (ref. paragraph 2.7).
- 2.12 To summarise, sound levels measured with and without the plant running were of a similar magnitude and in some cases lower, suggesting a minimal impact from the plant being active. While the plant was acknowledged to be relatively quiet (Rating Level 10 dB below existing background), and not affecting the ambient sound level, there was a measurable increase at the 100 Hz frequency band, confirming some, albeit minimal, impact.
- 2.13 It should also be noted that measured sound levels at 1 m from the operational plant did not exceed 60 dBA, the level which the manufacturer stated and which the original NIA was based on. Consequently, the noise criterion stated in the original NIA has been met.
- 2.14 With respect to the above, it is deemed that noise levels from the fans are of an acceptable level, and the noise criterion has been met and, as a result, Condition 3 reproduced at the beginning of the report can be discharged.

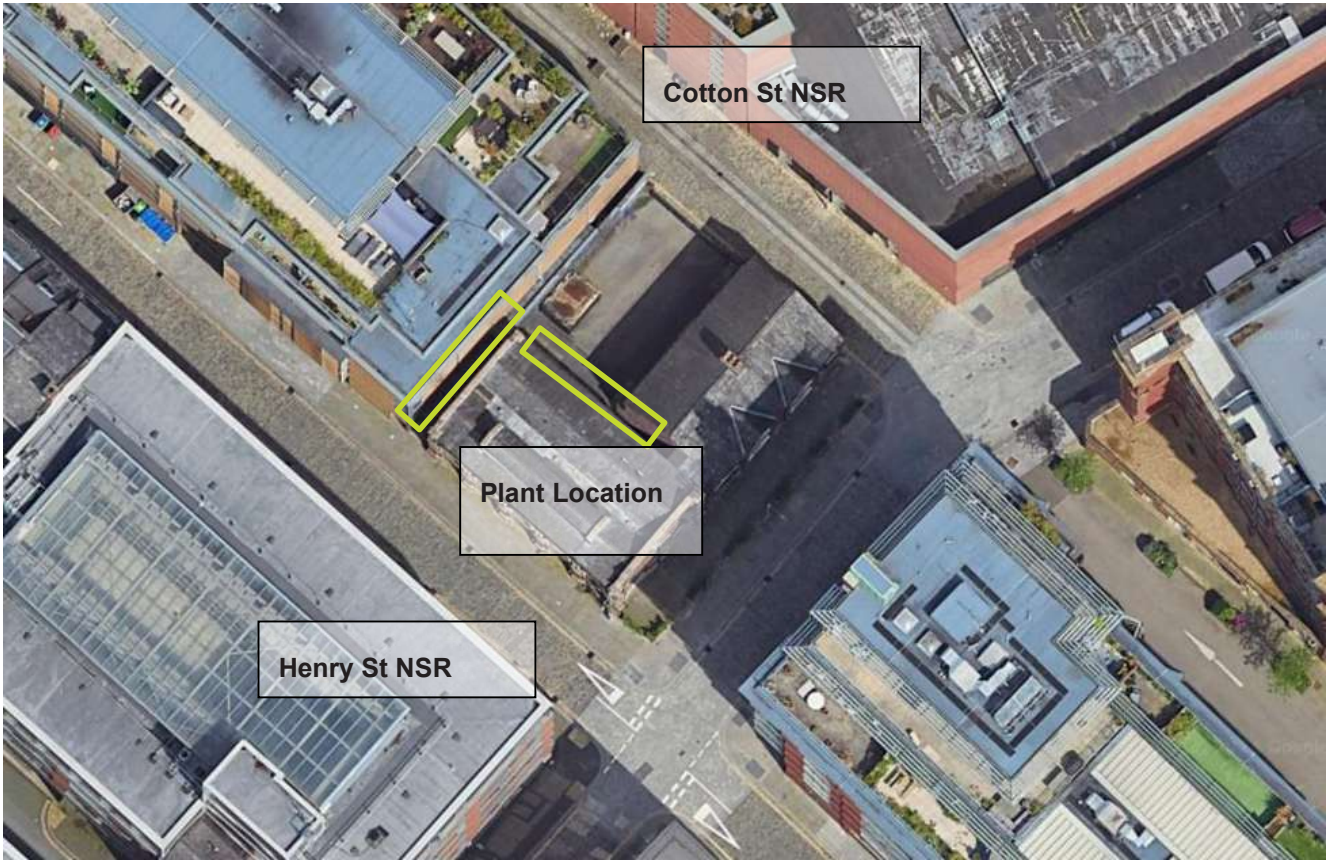
References

- 1 British Standards Institution. British Standard 4142:2014+A1:2019. Methods for rating and assessing industrial and commercial sound.
- 2 British Standards Institution. British Standard 7445-2:1991 'Description and measurement of environmental noise Part 2: Guide to the acquisition of data pertinent to land use.



Figures

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Mocatta House, Trafalgar Place Brighton, East Sussex BN1 4DU	
Client: Error! No text of specified style in document.	
Project:	
Job Ref: 672187_Report02_R00	
File location:	
Date: 09/06/2025	Rev:0
Drawn: JT	Checked: PB
Figure 1: Site and Surrounding Area	
Savills.co.uk	

**NOISE ASSESSMENT AND VERIFICATION REPORT TO DISCHARGE CONDITION 3B OF PLANNING CONSENT AT
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Appendices



Appendix A: BS 4142 Statements

Phil Evans: Director - Acoustics

BSc (Hons) Geology; MSc Acoustics, Vibration and Noise Control; Fellow of the Geological Society; Fellow of the Institute of Acoustics; Associate Member Acoustical Society of America

- A.1 Phil is a Director and leads the Savills Acoustics Team. He is a specialist in environmental acoustics and is active on a number of committees including the Association of Noise Consultants' Vibration Working Group; British Standards Institution (BSi) Committee GME/21/6/4 - BS 6472: Guide to Evaluation of Human Exposure to Vibration in Buildings; BSi Committee B/564/01 on BS 5228: Noise and Vibration Control on Construction and Open Sites which has now also revised and issued BS 8233:2014 Guidance on sound insulation and noise reduction in buildings. He has been a corporate Member of the Institute of Acoustics for over 20 years and is now a Fellow.
- A.2 Phil has over 30 years' experience in the project management of, and technical input to, environmental noise and vibration impact assessments for major developments. He is an expert in the industrial/commercial, transportation and construction sectors including the measurement, calculation, evaluation and mitigation of environmental noise and vibration. Phil has significant experience in the preparation and presentation of technical evidence and reports for public inquiries and planning applications. He is experienced in consultation and liaison with government departments, local authorities and other statutory bodies. He is an experienced expert witness. He has a Continuous Professional Development Record to support this competency and experience.
- A.3 Phil has been involved in many BS 4142 noise assessments for both the previous and current 2014 version of BS 4142. He has given evidence at public inquiries where BS 4142 has been the primary assessment methodology. He is very familiar with the Standard and attended the joint ANC/BSi launch of the 2014 version of the Standard. On the basis of Phil's overall experience in acoustics combined with particular focus on BS 4142, he is deemed competent for BS 4142 assessments.
- A.4 For this project, Phil has taken on the role of Project Director and has been responsible for overseeing and delivering the project.

Peter Barling: Associate - Acoustics

BSc (Hons) Physics; PGDip Environmental Assessment and Management; Member of the Institute of Acoustics

- A.6 Peter is an Associate Consultant in Acoustics and environmental acoustics specialist with nine years' experience. He has a Degree in Physics and also has a Post Graduate Diploma in Environmental Assessment and Management. He has been a member of the Institute of Acoustics since 2013.
- A.7 Peter has project managed and undertaken noise assessments for a variety of developments, including: large scale mixed-use developments, incorporating commercial, retail, leisure and residential elements; on-shore substations for off-shore windfarms; energy from waste facilities; manufacturing facilities; distribution centres; retail units; minerals extraction and exploration; solar farms; and petrol service filling stations. He has provided input into Environmental Impact Assessments (EIAs) and undertaken noise assessments to support planning applications and discharge planning conditions. He has a Continuous Professional Development (CPD) Record to support this competency and experience.
- A.8 Peter has undertaken BS 4142 noise assessments for both the previous and current 2014 version of BS 4142. He is familiar with the Standard and has attended and participated in internal and external CPD training seminars regarding the revised 2014 version of the Standard. On the basis of Peter's overall experience in acoustics, combined with particular focus on BS 4142, he is deemed competent for BS 4142 assessments.
- A.9 Peter was responsible for undertaking the baseline acoustic survey and review of the assessment and report.



Appendix B: Full Measured Noise Data

CSV

Address 1

Start Time 09/05/2025 13:36

Measurem 00d 00:01:00.0

Frequency A

Time Weigt F

Main	12.5 Hz	16 Hz	20 Hz	25 Hz	31.5 Hz	40 Hz	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1 kHz	1.25 kHz	1.6 kHz	2 kHz	2.5 kHz	3.15 kHz	4 kHz	5 kHz	6.3 kHz	8 kHz	10 kHz	12.5 kHz	16 kHz	20 kHz	
Leq	50.8	51.9	53.4	56.7	55.3	54.3	52.9	53	51.8	49.8	63	48.4	46	44.1	45.2	49.1	42.7	42.1	41.7	41.6	41.2	38.4	36	33.9	32.6	30.1	27.4	23.8	18.8	15.1	12.8	10.5	8.5	6.4
LE	68.6	69.7	71.2	74.5	73.1	72.1	70.7	70.8	69.6	67.6	80.8	66.2	63.8	61.9	63	66.9	60.5	59.9	59.5	59.4	59	56.2	53.8	51.7	50.4	47.9	45.2	41.6	36.6	32.9	30.6	28.3	26.3	24.2
Lmax	58.3	57.3	51.4	50.5	53.6	59.6	61.8	57.5	57.9	54.9	64.9	51	48.3	51.2	53.8	51.5	47.1	49.6	51	52.6	52.4	47	42.7	39.5	36	32.4	29.1	25.8	20.6	16.2	13.4	10.3	8.9	6.8
Lmin	48.2	43.9	54.3	47.1	56.3	53.5	52.9	51.9	45.1	48	62.1	46.8	44	39.6	42.9	46.2	40.2	38.6	36.3	36.3	36.3	34.8	33.4	32.4	30.8	28.6	25.4	23.1	18.5	15.5	13.8	10.9	8.7	6.5
LN1	53.5	57	58.5	63.4	59.3	59.5	58.3	58.3	57.2	53.5	64	50.6	48.7	47.7	49.1	51.1	45.4	44.9	45.5	45.8	46.1	43.1	39.4	36.9	35.8	32.8	30.3	25.3	20.2	16.1	13.4	11.2	9.5	6.8
LN2	52.4	55.4	56.3	60.1	58	56.9	56	56.7	55.7	52.2	63.7	49.9	47.7	46.1	46.9	50.7	44.4	43.7	43.7	44.5	44.4	40.8	38.1	35.7	35.4	32.3	29.8	24.7	19.3	15.6	13.2	10.7	8.8	6.7
LN3	49.9	50.1	50.2	53	54	52.3	50.6	50.3	49.5	48.4	63	48	45.5	43	44	48.9	42	41	40.4	39.1	37.6	36.5	34.8	33	31.7	29.3	26.7	23.3	18.4	14.8	12.7	10.3	8.4	6.6
LN4	49.1	45.1	45.6	47.7	50	48.1	45.9	46.5	45.9	46.5	62.4	46.8	43.7	41.2	42.4	47.1	40.3	39	38.4	37.4	36.2	35.2	33.5	32.1	30.8	28.4	25.9	22.8	17.9	14.4	12.3	9.9	8.2	6.4
LN5	49	44	44.3	46.1	48.7	46.9	44.9	45.5	45.1	46.1	62.2	46.4	43.2	40.8	41.9	46.5	39.9	38.6	37.9	37.1	35.8	35	33.3	31.9	30.6	28.2	25.7	22.5	17.8	14.3	12.2	9.8	8.2	6.3

Address 2

Start Time 09/05/2025 13:43

Measurem 00d 00:01:00.0

Frequency A

Time Weigt F

Main	12.5 Hz	16 Hz	20 Hz	25 Hz	31.5 Hz	40 Hz	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1 kHz	1.25 kHz	1.6 kHz	2 kHz	2.5 kHz	3.15 kHz	4 kHz	5 kHz	6.3 kHz	8 kHz	10 kHz	12.5 kHz	16 kHz	20 kHz	
Leq	50.4	54.5	52.5	50.7	55.8	45.5	47.7	52.5	49.2	48.1	56.6	48	46.5	44.6	43.7	49.2	42.8	42.7	42.4	41.3	39.6	39.3	38.6	35.3	33.5	31.4	28.1	25	20.9	17.1	13.8	11.7	14.8	6.7
LE	68.2	72.3	70.3	68.5	73.6	63.3	65.5	70.3	67	65.9	74.4	65.8	64.3	62.4	61.5	67	60.6	60.5	60.2	59.1	57.4	57.1	56.4	53.1	51.3	49.2	45.9	42.8	38.7	34.9	31.6	29.5	32.6	24.5
Lmax	60.4	48.4	48.6	49.8	53.4	47	51.8	51.7	49.2	51.4	58.7	50.4	54.8	50.5	48.8	55.5	55.8	54.4	54	55.4	51.6	48.6	45.7	43.5	37.7	37.7	35.5	34.5	30.1	27.4	22.3	19.8	12.2	6.9
Lmin	47.3	50.4	43.8	42.5	51.3	46.5	48	48.2	47.9	47.2	55.4	47.6	42.6	42.5	41.9	43.9	40.5	38.6	37.3	37.3	35.7	35.8	34.8	32.5	29.9	28.6	25.9	23.2	18.8	14.4	12.2	9.9	8.7	6.2
LN1	52.4	59.4	56.5	55.5	59.1	50.5	51.3	56	52.4	51.1	59.2	50.2	49.9	46.9	45.6	52.2	45.1	45.1	45.6	43.7	42.3	41.9	42.2	38.7	36.1	33.9	30.4	27.9	23.8	20.1	17	14.5	17	7
LN2	51.8	56	53.3	53.4	58.5	48.9	50.1	55.4	51.6	50.5	58.7	49.6	48.7	46.2	45.2	51.8	44.5	44.5	44.2	42.7	41.3	41.3	41	37.7	35.1	32.9	29.4	26.1	22.4	19.1	15.8	13	13.2	6.8
LN3	49.7	49.9	46.9	48.7	55.2	43.6	46.7	52	48.5	47.7	56.1	47.8	45.5	44.2	43.3	48.3	42.2	42	41.4	40.1	38.9	38.5	37.2	34.4	32.7	30.4	26.8	23.5	19.4	15.9	13	10.4	9.1	6.5
LN4	48.4	44.9	41.9	44.1	50.4	40	43.2	46.7	46	44.5	54.1	46.1	43.5	42.5	41.8	45.7	40.4	40	39.6	38.5	37.1	36.9	35.3	32.7	30.8	28.8	25.3	21.9	17.3	13.3	10.6	9.1	8.1	6.3
LN5	48.1	43.5	40.3	43.1	48.8	38.9	42.3	44.9	45.3	43.8	53.7	45.5	42.9	42	41.3	44.9	39.9	39.6	39.2	38.1	36.7	36.5	35.1	32.4	30.5	28.6	25.1	21.7	17	13.1	10.5	9	8	6.2

Address 3

Start Time 09/05/2025 13:46

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Frequency A

Time Weigt F

Main	12.5 Hz	16 Hz	20 Hz	25 Hz	31.5 Hz	40 Hz	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1 kHz	1.25 kHz	1.6 kHz	2 kHz	2.5 kHz	3.15 kHz	4 kHz	5 kHz	6.3 kHz	8 kHz	10 kHz	12.5 kHz	16 kHz	20 kHz	
Leq	53.7	56.5	53.6	52.3	54.4	54.5	57.5	53.7	53.7	52.2	53.5	49.4	48.3	48.2	47.8	49.7	45.2	45.4	45.4	45.4	44.7	44.3	43.7	39.1	36.1	33.7	31.2	26.7	22.9	20.2	17.8	18.6	26.9	10.1
LE	71.5	74.3	71.4	70.1	72.2	72.3	75.3	71.5	71.5	70	71.3	67.2	66.1	66	65.6	67.5	63	63.2	63.2	63.2	62.5	62.1	61.5	56.9	53.9	51.5	49	44.5	40.7	38	35.6	36.4	44.7	27.9
Lmax	65.6	53.4	54.6	51.8	51.7	53.5	56.5	53.7	51.6	51.2	50.8	51.8	52.3	52.7	57	54.1	52.8	59.1	58.9	61.1	57.5	53.1	50	49.9	44.1	49.8	50.6	43.1	37.5	40.9	40.7	43.8	53.1	34
Lmin	47.4	47	42.4	48.8	48.8	47.4	47.2	48.5	48	46.5	48.2	44.7	43.7	41.1	41.6	44.5	40.6	39.1	39.7	37.4	36.3	37.2	35.1	32.6	30.8	28.2	24.5	20	16.2	18.7	10.3	8.6	7.8	6.2
LN1	57.6	61.5	59	57.8	58.9	59.1	63.3	57.7	60	56.7	57.3	52.2	50.8	51.9	51.2	52.4	48.5	48.9	49.4	49.4	48.2	49.1	49.1	44	40.6	38	35.2	31.4	27.8	23.5	20.5	17	18.8	8
LN2	56.4	59.2	57	55.4	57	57.7	61.6	56.6	57.2	54.3	56.1	51.4	50.4	50.8	50.4	52.1	47.6	47.4	47.6	48.2	47.4	47.8	47.5	42	38.8	36.4	33.7	29.6	25.4	21.3	17.6	14.2	12	6.8
LN3	52.5	52.5	49.8	49.4	53.1	52.9	54	52.3	50.9	50.7	52.7	48.9	47.9	47.3	46.9	49.7	44.4	44.6	44.3	44.2	43.7	43	40.8	37.1	34.7	31.7	28.6	24.5	21.5	17.1	13.8	10.6	8.6	6.4
LN4	49	46.8	45.1	44.3	49.3	49.1	49.6	48.4	47.6	47.1	49.7	46.5	45.7	44.2	44	45	41.6	41.1	40.6	39.7	38.8	37.7	36.1	33.5	31.1	28.5	25.2	21.2	16.5	12.8	10.3	8.8	7.9	6.3
LN5	48.6	45.4	43.4	43.3	48.4	48.3	48.1	47.4	46.9	46.1	49	45.8	44.9	43.2	43.2	43.9	40.9	40.6	40.2	39	37.7	37.1	35.7	33	30.7	28.2	24.9	20.9	16.1	12.5	10.1	8.7	7.8	6.2

Address	11																																	
Start Time	09/05/2025 13:09																																	
Measurem	00d 00:01:00.0																																	
Frequency A																																		
Time Weigt F																																		
Main	12.5 Hz	16 Hz	20 Hz	25 Hz	31.5 Hz	40 Hz	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1 kHz	1.25 kHz	1.6 kHz	2 kHz	2.5 kHz	3.15 kHz	4 kHz	5 kHz	6.3 kHz	8 kHz	10 kHz	12.5 kHz	16 kHz	20 kHz	
Leq	52.3	54.3	54.1	53.8	57.3	51.8	50.6	51.5	51.3	53.4	62.3	49.4	48.1	48.5	46.3	47.7	44.2	44.4	44.5	43.8	42.8	41.1	39	36.5	33.7	32.2	30.7	26.9	24.3	24.1	22.2	19.8	17.1	8.4
LE	70.1	72.1	71.9	71.6	75.1	69.6	68.4	69.3	69.1	71.2	80.1	67.2	65.9	66.3	64.1	65.5	62	62.2	62.3	61.6	60.6	58.9	56.8	54.3	51.5	50	48.5	44.7	42.1	41.9	40	37.6	34.9	26.2
Lmax	61.6	52.8	55	50.3	56.1	53.3	48.7	53.8	54.5	60.9	62.6	52.5	55.4	55.2	50.4	50.4	52	51.2	52.4	51.7	53.1	51.7	49.3	50.5	46.9	47.1	48	47.2	46.3	47.7	46	44	36.5	25.1
Lmin	48.4	50.2	48.2	49.1	50.3	46	45.7	46.5	45.2	46.3	61.7	47.8	45.5	45.8	41.1	42.6	40.9	39.2	39.7	37.3	36.3	37.3	33.9	32	31.3	27.9	25.4	22	17.4	13.5	10.9	9.1	8	6.2
LN1	54.7	59.4	58.5	58.6	60.9	56.1	54.5	56.7	56.4	55.2	63.8	51.7	50.9	51.5	50.1	51	46.8	47.2	47.2	47.6	46.9	44.6	42.4	38.7	35.9	33.2	31.4	28.4	25.1	21.9	19	18	24.4	9.8
LN2	54.3	58	57.2	57.1	59.8	54.7	53.7	54.5	54.3	53.5	63.5	51.1	50.1	50.9	49.2	50.3	46.1	46.7	46.6	46.9	45.8	43.6	41.3	38	34.8	32.1	30	26.2	22.4	19.2	16.2	14.2	17.2	7.8
LN3	51.6	52.4	52.5	51.8	56.5	50.5	49.6	49.5	48.7	49.4	62.1	49.1	47.8	48	45.2	46.9	43.8	44	44.1	42.8	41.7	39.9	38	35.4	32.7	29.9	27.3	23.3	18.8	15	12.6	10.3	8.7	6.5
LN4	49.7	46.8	47.1	47.6	53.8	46.9	45.7	45.7	45.7	45.8	61.2	47.6	45.7	45.2	42.6	44.6	41.8	41	40.8	38.8	38.1	38	35.4	32.9	31	28.2	25.5	21.6	17.2	13.5	11.4	9.4	8	6.3
LN5	49.3	45.6	46	46.4	52.9	45.8	44																											

Time Weight F																																		
Main		12.5 Hz	16 Hz	20 Hz	25 Hz	31.5 Hz	40 Hz	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1 kHz	1.25 kHz	1.6 kHz	2 kHz	2.5 kHz	3.15 kHz	4 kHz	5 kHz	6.3 kHz	8 kHz	10 kHz	12.5 kHz	16 kHz	20 kHz
Leq	53.2	50.8	50.5	51.3	59.4	52.4	54.4	53.7	49.4	51.8	67.4	51.1	49.3	47.8	45.5	48.2	44.1	45.5	44.9	42.5	41.5	40.3	40.3	35.4	32.9	30.6	27.2	23.5	18.8	14.8	11.7	10.7	11.3	6.3
LE	71	68.6	68.3	69.1	77.2	70.2	72.2	71.5	67.2	69.6	85.2	68.9	67.1	65.6	63.3	66	61.9	63.3	62.7	60.3	59.3	58.1	58.1	53.2	50.7	48.4	45	41.3	36.6	32.6	29.5	28.5	29.1	24.1
Lmax	58.5	48.7	46.3	48.8	58.4	48.9	48	49.2	47.7	52.5	67.3	50.9	58.5	52.1	45.9	54.3	51.2	55.9	51.5	48.1	47.1	46.8	45.5	43.7	40	35.3	28.8	23.8	19	14.5	11.3	10.5	10.6	6.5
Lmin	50.8	46.4	49.4	46.8	61.4	45.4	41.8	46.7	45.5	48.9	66.3	49.5	46.7	45.6	41.2	45.7	41.9	41.8	42.5	37.6	35.3	35.1	35.9	31.7	29.8	27.3	24.6	21.3	16.8	13	10.1	8.6	7.8	6.3
LN1	55	55.6	55.5	54.3	62.6	59	60.1	60.7	54.4	55	68	52.5	51.7	50.4	49.4	50.3	47	49.1	47.6	46.1	45.4	43.8	43.5	37.9	35.3	32.9	29.3	26	20.8	16.7	13.2	12.4	16.3	6.9
LN2	54.7	54.2	52.6	53	61.4	56.3	57.5	56.4	52.7	54	67.9	52.1	50.9	49.7	48.6	49.7	46.2	47.7	46.9	45.2	44.5	42.9	42.5	37.4	34.7	32.4	28.9	25.3	20.2	16	12.7	11	12.5	6.6
LN3	52.7	48.7	46.7	48	58.7	48.4	48.4	48.1	47.3	50.8	67.4	50.9	48.9	47.4	44.2	47.8	43.3	44.2	44.2	41.7	40.1	39.2	39.8	34.7	32.3	30.3	26.7	23.1	18.5	14.1	10.9	9.2	8.2	6.4
LN4	51.7	44	42.3	44.2	55.6	44.2	43.7	44	44.3	49.5	67	49.9	47	45.5	42.2	46.4	41.4	42.1	42.5	38.6	36.8	36.5	37.4	32.7	30.7	28.5	25.1	21.7	17.1	13.2	10.2	8.7	7.8	6.2
LN5	51.6	42.9	40.9	43.3	54.8	43.2	42.4	42.8	43.6	49.2	66.8	49.6	46.5	45	41.8	46	41.1	41.8	42.1	38.1	36.1	35.9	36.9	32.2	30.3	28.1	24.7	21.5	17	13	10.1	8.6	7.7	6.2
Address		31																																
Start Time		09/05/2025 14:12																																
Measurem		00d 00:01:00.0																																
Frequency A																																		
Time Weight F																																		
Main		12.5 Hz	16 Hz	20 Hz	25 Hz	31.5 Hz	40 Hz	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1 kHz	1.25 kHz	1.6 kHz	2 kHz	2.5 kHz	3.15 kHz	4 kHz	5 kHz	6.3 kHz	8 kHz	10 kHz	12.5 kHz	16 kHz	20 kHz
Leq	54.2	60.1	56.1	56.3	57.1	55.2	51	48.7	49.9	48.5	61.1	49.8	48.3	49	46.1	52	45.2	46.2	48.3	45.8	45.1	42.5	40.1	38.1	36.2	35.2	36.7	28.2	25	29.6	21.6	18.1	22.8	8.5
LE	72	77.9	73.9	74.1	74.9	73	68.8	66.5	67.7	66.3	78.9	67.6	66.1	66.8	63.9	69.8	63	64	66.1	63.6	62.9	60.3	57.9	55.9	54	53	54.5	46	42.8	47.4	39.4	35.9	40.6	26.3
Lmax	75.2	47.2	42.4	50.4	47	53.4	50.5	49	52.1	51.4	60.8	50.9	51.2	58.5	51.7	65.2	62.4	65.4	71.4	68.9	67.5	64	61.3	58.3	57.8	59.2	62.3	50.8	44.3	43.3	41.2	41.8	44.3	29.2
Lmin	49.5	47.7	44.5	46.3	52	47.3	47.3	45.2	46.8	47.4	59.8	47.5	46.9	47.3	42.4	47.3	42	40.5	41.3	38.4	36.9	37.5	36	34.4	32.6	30.7	28.1	26.1	21.3	17.6	14.2	11	8.9	6.5
LN1	55.2	64	62.1	61.3	59.6	57.5	54.7	52.2	53.6	51.5	62.2	51.8	50.1	51.4	48.5	56	46.9	47.3	48.3	47.8	47.9	44.3	41.6	39.6	36.4	34	32.4	28.3	24.1	21.7	20	20.4	26.3	9.3
LN2	53.9	61.7	59.4	59	57.7	55.9	53	51.1	52.5	50.6	61.9	51.2	49.6	50.8	47.2	55.2	46	46.6	47.4	45.8	46.1	43.2	40.4	38.2	35.5	32.7	30.5	26.8	22.8	19.6	16.5	15.4	18.5	7.3
LN3	52.1	53	50.9	52.1	52.8	50.8	48.7	47.6	49	47.8	61	49.6	48.1	48.6	45.1	49.5	43.7	44.6	45.1	41.2	39.4	39.1	36.9	35	33.3	31	28.1	24.5	20.3	16.6	13.8	10.9	8.9	6.6
LN4	50.6	47.1	44.7	46.8	48.7	47.3	45.1	44.3	45.6	46	60.1	48.1	46.6	46.9	43.1	46.2	42.1	42.4	42.9	39	37.4	37.5	35.7	33.8	32.1	30	26.9	23.6	19.3	15.6	12.9	10.3	8.5	6.4
LN5	50.2	45.7	43.5	45.5	47.8	46.4	44	43.4	44.7	45.5	59.8	47.7	46.2	46.4	42.7	45.5	41.9	42	42.3	38.5	37	37.3	35.3	33.5	31.9	29.8	26.7	23.3	19	15.4	12.7	10.2	8.3	6.4
Address		32																																
Start Time		09/05/2025 14:14																																
Measurem		00d 00:01:00.0																																
Frequency A																																		
Time Weight F																																		
Main		12.5 Hz	16 Hz	20 Hz	25 Hz	31.5 Hz	40 Hz	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1 kHz	1.25 kHz	1.6 kHz	2 kHz	2.5 kHz	3.15 kHz	4 kHz	5 kHz	6.3 kHz	8 kHz	10 kHz	12.5 kHz	16 kHz	20 kHz
Leq	52.9	59.9	58.2	57.5	55.1	50.9	53.7	53.8	55.7	53	61.1	54.7	53.2	52.6	49.4	49.3	45	44.4	44.8	44.6	43.3	40.6	38	35	32.8	30.3	26.9	23.4	18.9	14.9	11.9	12.2	19.9	6.6
LE	70.7	77.7	76	75.3	72.9	68.7	71.5	71.6	73.5	70.8	78.9	72.5	71	70.4	67.2	67.1	62.8	62.2	62.6	62.4	61.1	58.4	55.8	52.8	50.6	48.1	44.7	41.2	36.7	32.7	29.7	30	37.7	24.4
Lmax	57.3	63.1	62.2	57.2	56.9	59.2	61	60.3	67.6	62.3	63.6	59.9	59.9	62.3	51.9	50.6	48.5	48.2	49.1	47.9	46.7	45.5	40.2	36.9	33.5	30.6	27.4	23.8	18.6	14.4	11.3	10	12.5	6.7
Lmin	48	66.3	64.4	58.8	63.7	59.7	50.1	48.5	50.1	50.2	57.7	47.1	46.6	44	43	43.3	40.9	38	39	37.6	37.6	37.2	35.1	32.7	30.9	29.5	25.3	22.1	18	15	12.3	9.8	8.5	6.4
LN1	56.2	67.1	65.5	64	61.2	56.6	58.8	58.8	60.4	57	63.9	59.8	57.6	57.1	54.3	52.8	48.8	47.6	48.6	50	48.2	44.2	40.5	37.2	34.7	31.8	28.4	24.7	20.5	16.8	13.6	11.4	15.3	6.7
LN2	55.9	63.8	60.9	60.1	57.4	53	57.1	57	58.7	56	63.2	58.1	56.6	56	52.5	52.1	47.5	47	48.2	48.5	47.2	43.6	40.1	36.8	34	31.4	28	24.2	19.8	15.7	12.6	10.7	12.5	6.7
LN3	52.4	54.5	52.4	52.3	50.2	47	52	52.1	53.6	51.7	60.6	52.9	51.4	50.4	47.9	48.4	43.9	43.8	43.7	42.4	41.2	39.4	37.3	34.6	32.6	30.1	26.8	23.3	18.6	14.5	11.5	9.6	8.6	6.4
LN4	49.4	48.1	47	46.6	45.8	42.3	47.4	47.8	49.4	48.5	58	48.7	47.7	46.3	43.2	44.8	41.3	41.2	40.9	39.2	37.9	37.3	35.7	33.2	31.5	29.3	25.8	22.6	18	14	11	9.3	8.1	6.3
LN5	49.1	47	45.1	44.6	44.2	41.3	46.3	46.8	48.6	47.9	57	47.9	47.1	45.6	42.6	43.8	40.9	40.3	39.9	38.7	37.2	36.9	35.4	33	31.2	29.1	25.6	22.4	17.8	13.9	10.9	9.2	8.1	6.2
Address		33																																
Start Time		09/05/2025 14:15																																
Measurem		00d 00:01:00.0																																
Frequency A																																		
Time Weight F																																		
Main		12.5 Hz	16 Hz	20 Hz	25 Hz	31.5 Hz	40 Hz	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1 kHz	1.25 kHz	1.6 kHz	2 kHz	2.5 kHz	3.15 kHz	4 kHz	5 kHz	6.3 kHz	8 kHz	10 kHz	12.5 kHz	16 kHz	20 kHz
Leq	51.6	55.9	53.5	52.2	54.2	51.5	51	50	48.7	50.5	65.1	49.8	48.2	48.1	45.4	46.2	43	42.8	42.6	42.3	41.9	40	37.5	34.7	32.3	29.6	25.8	22.2	17.5	14.2	11.7	10.6	14.3	6.3
LE	69.4	73.7	71.3	70	72	69.3	68.8	67.8	66.5	68.3	82.9	67.6	66	65.9	63.2	64	60.8	60.6	60.4	60.1	59.7	57.8	55.3	52.5	50.1	47.4	43.6	40	35.3	32	29.5	28.4	32.1	24.1
Lmax	58.9	52.3	52.5	45.4	51.4	57.8	50	58.4	46.8	51.8	66.1	52.9	51.5	53.1	54.1	50.5	49.9	52.1	50.2	51.3	53.8	49.7	44.4	40.6	37.1	33	28.4	24.1	18.9	14.8	11.8	9.4	8.2	6.6
Lmin	49.5	45.3	47	46.2	49.9	44.4	47.7	46.1	43.2	50.1	64.4	48.7	46.2	45.2	41.8	45	43.3	39.9	37.7	37.2	37	36.8	34.3	31.5	30.3	28.1	24.3	20.9	17.1	14	11	8.6	7.9	6.3
LN1	53.8	61.8	59.5	57.9	57.6	56	54.7	54.3	51.6	52.7	65.8	51.8	50.2	50.4	49	48.8	45.4	45.1	45.5	46.2	46.1	43.6	39.9	36.9	34.2	31	27.4	23.5	18.7	16.1	13.4	11.7	12.6	6.7
LN2	53.3	57.6	55.4	52.2	55.7	54.2	53.4	52.8	50.8	52.1	65.6	51	49.6	48.8	47.6	48.1	44.7	44.5	44.4	44.9	45.2	42.7	39.3	36.2	33.5	30.6	26.7	22.9	18.4	15.4	12.6	10.5	9.8	6.6
LN3	51	50.8	48.4	45.5	52.1	49.6	49.1	48.8	48.2	50.1	65.1	49.5	48	47.6	44.3	45.8	42.5	42.1	41.4	41	39.7	38.6	36.9	34.2	32	29.4	25.7	22	17.2	13.7	10.9	9	8.1	6.4
LN4	50.2	44.5	42.9	41.6	49	45.3	45.6	45.2	45.5	48.6	64.5	48.4	46.3	45.8	42.6	43.6	40.9	40.2	39.8	38.9	37.7	37.2	35.5	33.1	31.1	28.6	24.9	21.4	16.7	13.2	10.4			

Lmax	75.5	56.8	53.4	50.5	51.9	47.8	51.1	54.1	49	51.7	53.5	58.8	64.5	73	76.5	76.2	69.6	69.3	66.1	61.7	60.9	55.9	52.2	50.8	49.3	44.6	45.1	39.5	34.2	34.6	32.4	23.2	27.6	21.1
Lmin	44.5	53.8	44.8	49.9	51.7	47.8	46.5	45.5	42	46.4	43.2	42.3	41.8	41.4	40.4	42	38.2	38.2	38	35.2	32.7	31.4	29.5	27.5	25.5	21.6	18.3	14.5	10	8.9	8.2	8.2	7.6	6.4
LN1	55.6	57.8	55.9	56.5	56.3	55.5	58.2	57.2	53.5	54.4	52.7	51.8	51.2	51.7	52	51.7	49.5	47.6	47.3	46.8	46.9	48.3	45.1	41.6	41.9	42.4	41.1	36	31.6	25.7	18.1	13.9	10.2	7
LN2	54.5	56.1	53.9	54.6	55.2	54.1	56.5	55.2	51	53	51.7	49.9	49.3	49.5	50.1	49.5	47.3	46.5	46.1	45.3	45.2	44.4	42.4	40.2	39	37.6	36.4	33	29.2	24	16.4	11.9	9.1	6.7
LN3	49.6	50.6	48.6	48.5	52.1	49.3	51	50.5	46.2	49.1	47.9	46.5	45.2	44.7	44.9	45.5	42.9	43.4	42.5	40.2	39.1	37.1	35.2	32.5	30.1	27.4	24.2	20.1	15.3	12.1	9.7	8.6	8	6.5
LN4	47.1	45.3	43.8	43.8	49	45.2	46.7	47.1	42.8	45.9	44.4	44.1	42.5	42	42.4	42.8	40.4	41.1	40.3	37.4	36.1	34.6	32.8	30.1	27.6	24.5	21.1	16.7	12	9.5	8.5	8.2	7.7	6.3
LN5	46.6	43.8	42.4	42.5	47.9	43.9	45.7	46.1	42	45.2	43.7	43.5	41.8	41.3	41.8	42.2	39.8	40.5	39.7	36.7	35.5	34	32.2	29.4	26.8	23.8	20.1	15.8	11.1	9.2	8.4	8.1	7.7	6.2