

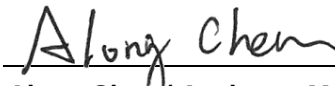
FCC Co-Location Test Report

FCC ID : 2AYG4-KUD001
Equipment : RecovR
Model No. : HW1915
Brand Name : OpenTV
Applicant : OpenTV Inc.
Address : 5090 North 40th St., Suite 450 Phoenix, AZ
85018
Standard : 47 CFR FCC Part 15.247
47 CFR FCC Part 22 Subpart H
47 CFR FCC Part 24 Subpart E
47 CFR FCC Part 27
47 CFR FCC Part 90 Subpart S
Received Date : Aug. 18, 2025
Tested Date : Aug. 25 ~ Sep. 03, 2025

We, International Certification Corporation, would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. The test results contained in this report refer exclusively to the product. It shall not be reproduced except in full without the written approval of our laboratory.

Reviewed by:

Approved by:


Along Chen / Assistant Manager

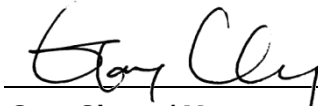

Gary Chang / Manager

Table of Contents

1	GENERAL DESCRIPTION	5
1.1	Information.....	5
1.2	The Equipment List	6
1.3	Test Standards	7
1.4	Reference Guidance	7
1.5	Deviation from Test Standard and Measurement Procedure.....	7
1.6	Measurement Uncertainty	7
2	TEST CONFIGURATION.....	8
2.1	Testing Facility	8
2.2	The Worst Test Modes and Channel Details	8
3	TRANSMITTER TEST RESULTS	9
3.1	Unwanted Emissions into Restricted Frequency Bands	9
4	TEST LABORATORY INFORMATION	12

Appendix A. Unwanted Emissions Into Restricted Frequency Bands

Release Record

Report No.	Version	Description	Issued Date
FR581801CO	Rev. 01	Initial issue	Nov. 03, 2025

Summary of Test Results

FCC Rules	Test Items	Measured	Result
15.247(d) 15.209 22.917 24.238 90.691 27.53	Radiated Emissions	[dBuV/m at 3m]: 2.9215GHz 52.93 (Margin -1.07dB) - AV	Pass

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

1 General Description

1.1 Information

1.1.1 Specification of the Equipment under Test (EUT)

BT	
Operating Frequency	2402 MHz ~ 2480 MHz
Modulation Type	Bluetooth LE: GFSK

The device contains a certified WWAN module, FCC ID: 2ANPO00NRF9151

LTE	
Operating Frequency	Band 2: 1850 MHz – 1910 MHz Band 5: 824 MHz – 849 MHz Band 4: 1710 MHz – 1755 MHz Band 12: 699 MHz – 716 MHz Band 13: 777 MHz – 787 MHz Band 25: 1850 MHz – 1915 MHz Band 26: 814 MHz – 849 MHz Band 66: 1710 MHz – 1780 MHz
Modulation Type	QPSK, 16QAM

1.1.2 Antenna Details

BT

Ant. No.	Type	Connector	Gain (dBi)
1	PIFA	NA	2.8

LTE

Ant. No.	Type	Connector	Gain (dBi)	Remarks
1	PIFA	No	4.1	Band 2
			1.5	Band 5
			3.5	Band 4
			-2.1	Band 12
			-0.1	Band 13
			4.2	Band 25
			1.5	Band 26
			3.8	Band 66

1.1.3 Power Supply Type of Equipment under Test (EUT)

Power Supply Type	3.6Vdc from battery
-------------------	---------------------

1.2 The Equipment List

Test Item	Radiated Emission				
Test Site	966 chamber1 / (03CH01-WS)				
Tested Date	Aug. 25 ~ Sep. 03, 2025				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Receiver	R&S	ESR3	101657	Mar. 11, 2025	Mar. 10, 2026
Spectrum Analyzer	R&S	FSV40	101498	Nov. 12, 2024	Nov. 11, 2025
Loop Antenna	R&S	HFH2-Z2	100330	Nov. 05, 2024	Nov. 04, 2025
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-685	Jul. 04, 2025	Jul. 03, 2026
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1096	Nov. 28, 2024	Nov. 27, 2025
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Nov. 18, 2024	Nov. 17, 2025
Preamplifier	EMC	EMC02325	980225	Jun. 13, 2025	Jun. 12, 2026
Preamplifier	EMC	EMC118A45SE	980898	Jun. 24, 2025	Jun. 23, 2026
Preamplifier	EMC	EMC184045SE	980903	Aug. 08, 2025	Aug. 07, 2026
Loop Antenna Cable	KOAX KABEL	101354-BW	101354-BW	Oct. 02, 2024	Oct. 01, 2025
LF cable 3M	Woken	CFD400NL-LW	CFD400NL-001	Oct. 02, 2024	Oct. 01, 2025
LF cable 11M	EMC	EMCCFD400-NW-NW-11000	200801	Oct. 02, 2024	Oct. 01, 2025
LF cable 1M	EMC	EMCCFD400-NM-NM-1000	160502	Oct. 02, 2024	Oct. 01, 2025
RF Cable	EMC	EMC104-35M-35M-8000	210920	Oct. 02, 2024	Oct. 01, 2025
RF Cable	EMC	EMC104-35M-35M-3000	210922	Oct. 02, 2024	Oct. 01, 2025
Attenuator	Pasternack	PE7005-10	10-1	Oct. 02, 2024	Oct. 01, 2025
HIGHPASS FILTER 3.1-18G	WHK	WHK3.1/18G-10SS	39	Oct. 02, 2024	Oct. 01, 2025
BANDREJECT FILTER	WI	WRCGV 824/849-810/863-60/85S	SN5	Oct. 02, 2024	Oct. 01, 2025
BANDREJECT FILTER	WI	WRCGV 1850/1910-1830/1930-60/10SS	SN15	Oct. 02, 2024	Oct. 01, 2025
BANDREJECT FILTER	WI	WRCGV 704/716-694/726-50/85S-50W	SN3	Oct. 02, 2024	Oct. 01, 2025
BANDREJECT FILTER	WI	WRCGV 776/788-766/798-50/85S	SN4	Oct. 02, 2024	Oct. 01, 2025
BANDREJECT FILTER	WI	WRCGV 815/830-805/840-50/10SS	SN3	Oct. 12, 2024	Oct. 11, 2025
BANDREJECT FILTER	WI	WRCGV 1710/1785-1690/1805-60/12SS	SN15	Oct. 08, 2024	Oct. 07, 2025
LOWPASS FILTER	WI	WLKS1100-12SS	2	Oct. 02, 2024	Oct. 01, 2025
LOWPASS FILTER	WI	WLKS1100-12SS	2	Oct. 02, 2024	Oct. 01, 2025
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Measurement Software	Sporton	SENSE-EMI	V5.11	NA	NA
Wideband Radio Communication Tester	R&S	CMW500	106070	Apr. 02, 2025	Apr. 01, 2026
Note: Calibration Interval of instruments listed above is one year.					

1.3 Test Standards

47 CFR FCC Part 15.247
ANSI C63.10-2020
ANSI C63.4-2014 + C63.4a-2017
47 CFR FCC Part 22 Subpart H
47 CFR FCC Part 24 Subpart E
47 CFR FCC Part 27
47 CFR FCC Part 90 Subpart S
ANSI C63.26-2015

1.4 Reference Guidance

FCC KDB 558074 D01 15.247 Meas Guidance v05r02
FCC KDB 971168 D01 Power Meas License Digital Systems v03r01
FCC KDB 971168 D02 Misc Rev Approv License Devices v02r01
FCC KDB 412172 D01 Determining ERP and EIRP v01r01
FCC KDB 996369 D04 Module Integration Guide V02

1.5 Deviation from Test Standard and Measurement Procedure

None

1.6 Measurement Uncertainty

The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor ($k=2$)).

Measurement Uncertainty	
Parameters	Uncertainty
Unwanted Emission $\leq$ 1GHz	± 3.41 dB
Unwanted Emission $>$ 1GHz	± 4.59 dB

2 Test Configuration

2.1 Testing Facility

Test Laboratory	International Certification Corporation
Test Site	03CH01-WS
Address of Test Site	No.3-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)

- FCC Designation No.: TW2732
- FCC site registration No.: 181692
- ISED#: 10807A
- CAB identifier: TW2732

2.2 The Worst Test Modes and Channel Details

Test item	Modulation Mode
Unwanted Emissions	Mode1: BLE 1M 2402MHz + LTE B26 3M 836.5MHz Mode2: BLE 1M 2402MHz + LTE B25 15M 1882.5MHz Mode3: BLE 1M 2402MHz + LTE B12 5M 707.5MHz Mode4: BLE 1M 2402MHz + LTE B13 5M 782MHz Mode5: BLE 1M 2402MHz + LTE B26 5M 819MHz Mode6: BLE 1M 2402MHz + LTE B66 15M 1745MHz
NOTE: The selected channel is the maximum power channel of BT + LTE mode.	

3 Transmitter Test Results

3.1 Unwanted Emissions into Restricted Frequency Bands

3.1.1 Limit of mode 1~5

Restricted Band Emissions Limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1:
Qusai-Peak value is measured for frequency below 1GHz except for 9~90 kHz, 110~490 kHz frequency band. Peak and average value are measured for frequency above 1GHz. The limit on average radio frequency emission is as above table. The limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit

Note 2:
Measurements may be performed at a distance other than what is specified provided. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor as below, Frequency at or above 30 MHz: 20 dB/decade Frequency below 30 MHz: 40 dB/decade.

3.1.2 Limit of mode 6

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB equal to -13dBm.

3.1.3 Test Procedures for mode 1 ~ 5

1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission frequency. The EUT is placed at test table. For emissions testing at or below 1 GHz, the table height is 80 cm above the reference ground plane. For emission measurements above 1 GHz, the table height is 1.5 m.
2. Measurement is made with the antenna positioned in both the horizontal and vertical planes of polarization. The measurement antenna is varied in height (1m ~ 4m) above the reference ground plane to obtain the maximum signal strength. Distance between EUT and antenna is 3 m.
3. This investigation is performed with the EUT rotated 360°, the antenna height scanned between 1 m and 4 m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations.

Note:

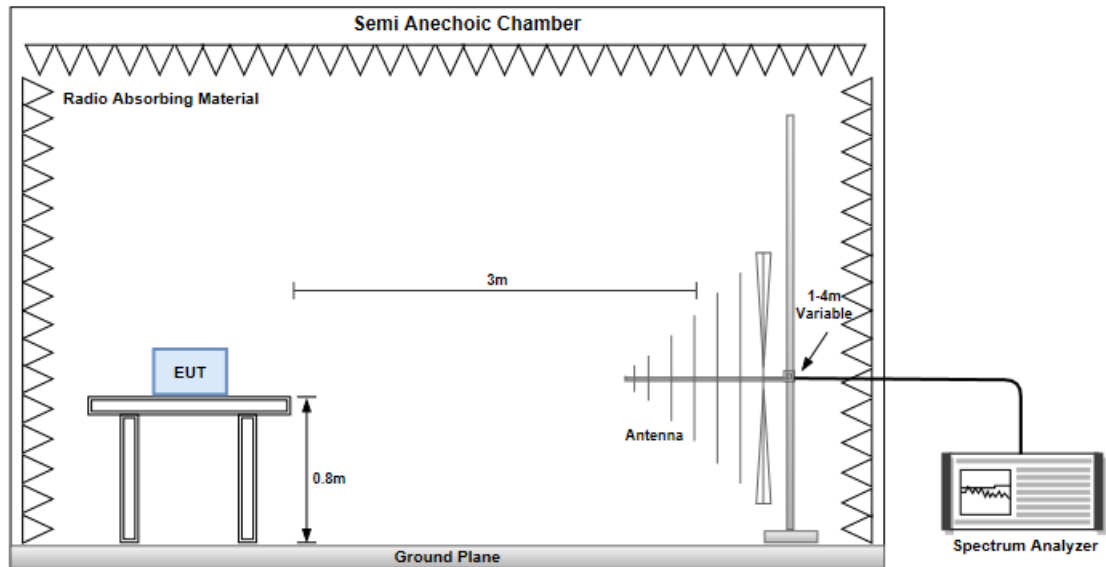
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above 1GHz.

3.1.4 Test Procedures for mode 6

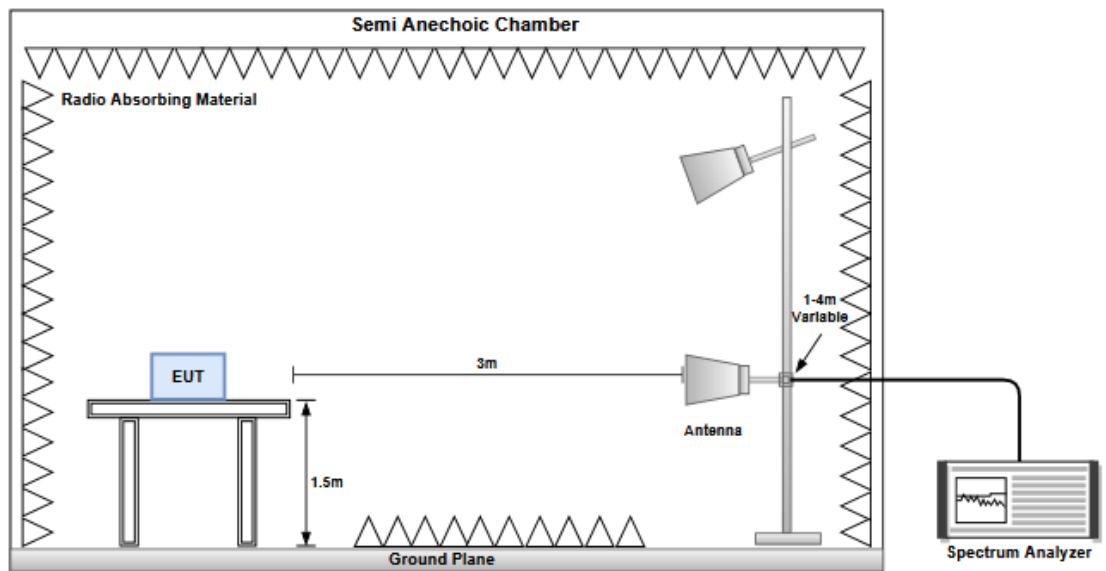
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission frequency. For emissions testing at or below 1 GHz, the table height is 80 cm above the reference ground plane. For emission measurements above 1 GHz, the table height is 1.5 m.
2. Measurement is made with the antenna positioned in both the horizontal and vertical planes of polarization. The measurement antenna is varied in height (1m ~ 4m) above the reference ground plane to obtain the maximum signal strength. Distance between EUT and antenna is 3 m.
3. This investigation is performed with the EUT rotated 360°, the antenna height scanned between 1 m and 4 m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations.
4. After finding the max radiated emission, substitution method will be used for getting effective radiated power. EUT will be removed and substitution antenna will be placed at same position. Signal generator will output CW signal to substitution antenna through a RF cable. Rotate turntable and move antenna to find maximum radiated emission. Adjust output power of signal generator to let the maximum radiated emission is same as step 3. Record the output power level.
5. E.I.R.P = output power of step 4 + gain of substitution antenna – cable loss of RF cable. ERP can be calculated by below formula:
$$E.R.P = E.I.R.P - 2.15dB.$$

3.1.5 Test Setup

Radiated Emissions below 1 GHz



Radiated Emissions above 1 GHz



3.1.6 Test Results

Refer to Appendix A.

4 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corporation (EMC and Wireless Communication Laboratory), it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan District. Location map can be found on our website <https://www.icertifi.com.tw>.

Linkou

Tel: 886-2-2601-1640

No.30-2, Ding Fwu Tsuen, Lin Kou
District, New Taipei City, Taiwan
(R.O.C.)

Kwei Shan

Tel: 886-3-271-8666

No.3-1, Lane 6, Wen San 3rd
St., Kwei Shan Dist., Tao Yuan
City 33381, Taiwan (R.O.C.)
No.2-1, Lane 6, Wen San 3rd
St., Kwei Shan Dist., Tao Yuan
City 33381, Taiwan (R.O.C.)

Kwei Shan Site II

Tel: 886-3-271-8640

No.14-1, Lane 19, Wen San 3rd
St., Kwei Shan Dist., Tao Yuan
City 33381, Taiwan (R.O.C.)

If you have any suggestion, please feel free to contact us as below information.

Tel: 886-3-271-8666

Fax: 886-3-318-0345

Email: ICC_Service@icertifi.com.tw

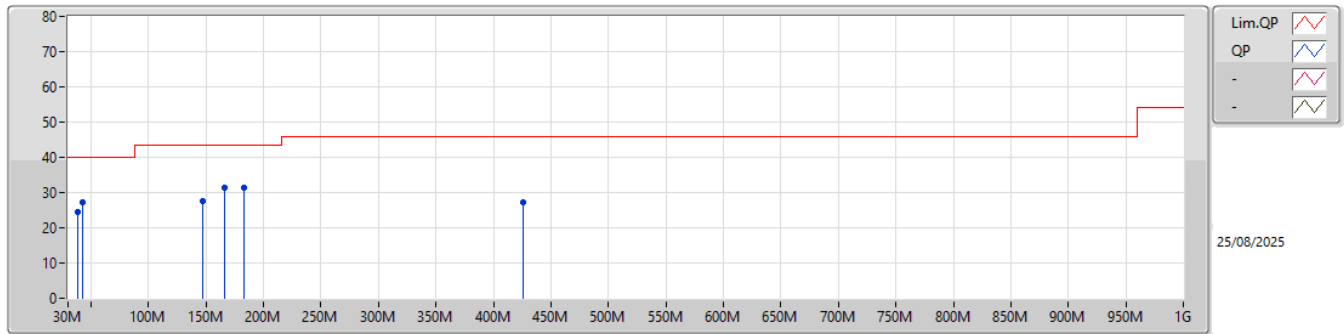
==END==



Summary

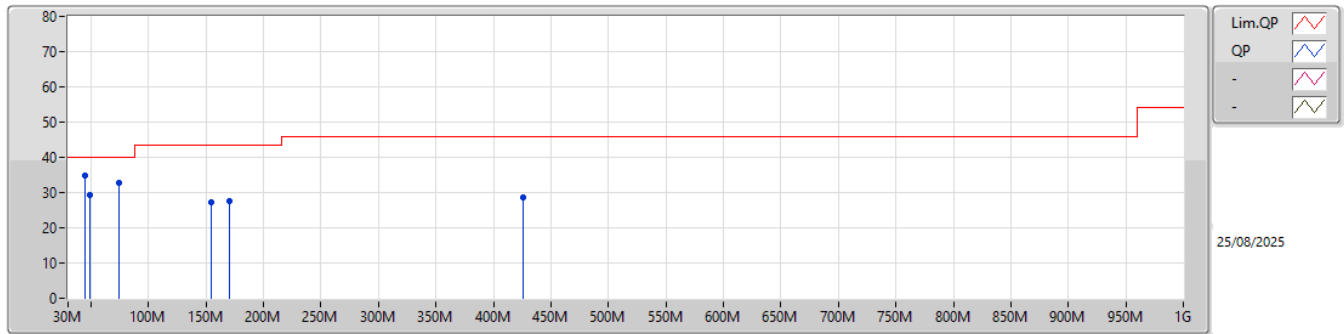
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	44.9M	34.69	40.00	-5.31	Vertical
Mode 2	Pass	PK	44M	30.57	40.00	-9.43	Vertical
Mode 3	Pass	PK	43M	31.12	40.00	-8.88	Vertical
Mode 4	Pass	PK	43M	29.94	40.00	-10.06	Vertical
Mode 5	Pass	PK	45.1M	34.58	40.00	-5.42	Vertical

Mode 1



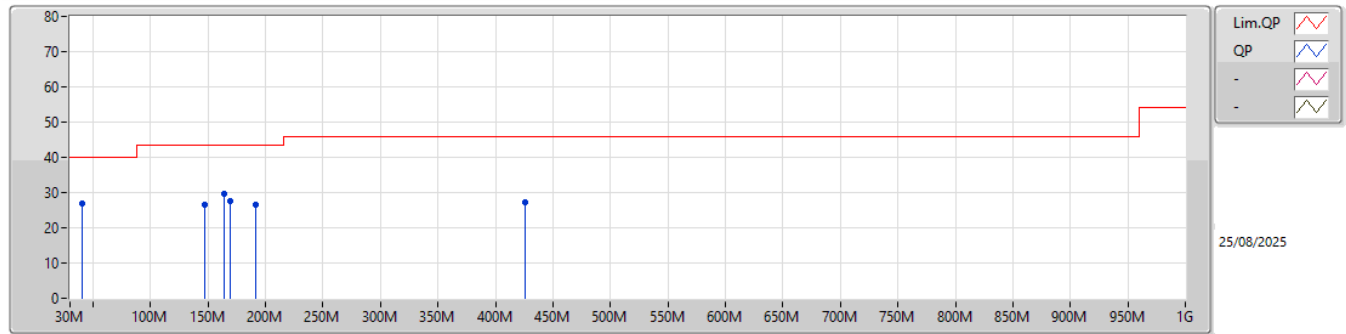
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	38M	24.64	40.00	-15.36	-9.72	3	Horizontal	-	-	-	34.36	17.90	0.57	28.19		
PK	43M	27.39	40.00	-12.61	-9.08	3	Horizontal	-	-	-	36.47	18.50	0.60	28.18		
PK	146.7M	27.54	43.50	-15.96	-8.76	3	Horizontal	-	-	-	36.30	18.54	1.20	28.50		
PK	166M	31.27	43.50	-12.23	-9.24	3	Horizontal	-	-	-	40.51	18.00	1.28	28.52		
PK	182.8M	31.41	43.50	-12.09	-10.77	3	Horizontal	-	-	-	42.18	16.42	1.36	28.55		
PK	425.7M	27.24	46.00	-18.76	-5.14	3	Horizontal	-	-	-	32.38	21.31	1.94	28.39		

Mode 1



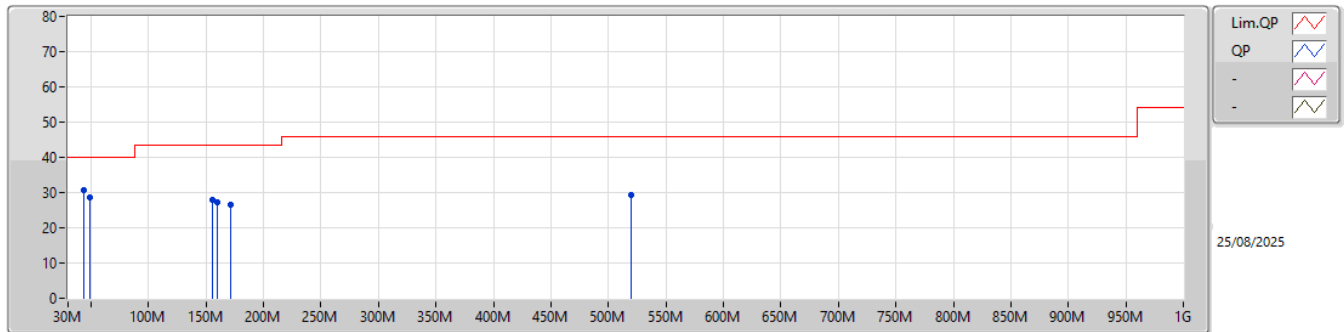
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	44.9M	34.69	40.00	-5.31	-8.99	3	Vertical	-	-	-	43.68	18.57	0.61	28.17		
PK	49M	29.42	40.00	-10.58	-8.77	3	Vertical	-	-	-	38.19	18.70	0.69	28.16		
PK	74.4M	32.62	40.00	-7.38	-12.46	3	Vertical	-	-	-	45.08	14.96	0.87	28.29		
PK	154.9M	27.07	43.50	-16.43	-8.69	3	Vertical	-	-	-	35.76	18.59	1.23	28.51		
PK	170M	27.60	43.50	-15.90	-9.53	3	Vertical	-	-	-	37.13	17.70	1.30	28.53		
PK	425.7M	28.66	46.00	-17.34	-5.14	3	Vertical	-	-	-	33.80	21.31	1.94	28.39		

Mode 2



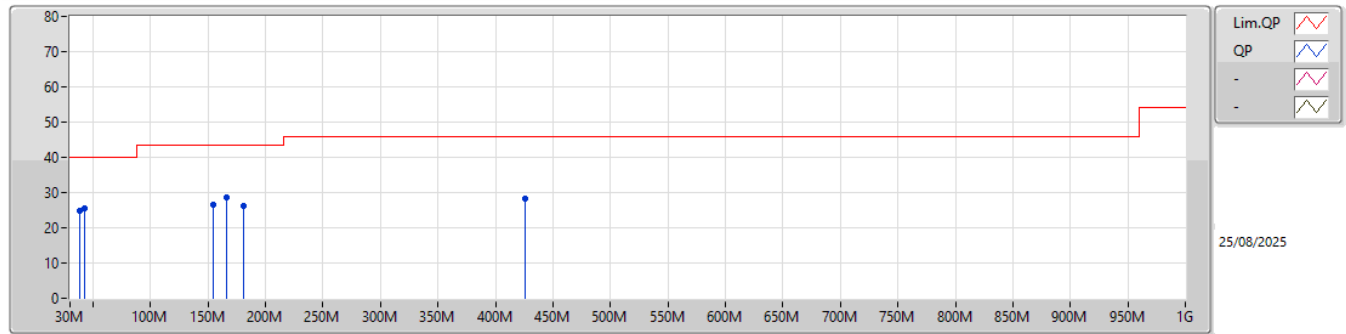
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	40.7M	26.87	40.00	-13.13	-9.49	3	Horizontal	-	-	-	36.36	18.10	0.59	28.18		
PK	146.7M	26.50	43.50	-17.00	-8.76	3	Horizontal	-	-	-	35.26	18.54	1.20	28.50		
PK	163.6M	29.59	43.50	-13.91	-9.11	3	Horizontal	-	-	-	38.70	18.14	1.27	28.52		
PK	168.8M	27.43	43.50	-16.07	-9.40	3	Horizontal	-	-	-	36.83	17.84	1.29	28.53		
PK	191.2M	26.53	43.50	-16.97	-11.68	3	Horizontal	-	-	-	38.21	15.50	1.38	28.56		
PK	425.7M	27.24	46.00	-18.76	-5.14	3	Horizontal	-	-	-	32.38	21.31	1.94	28.39		

Mode 2



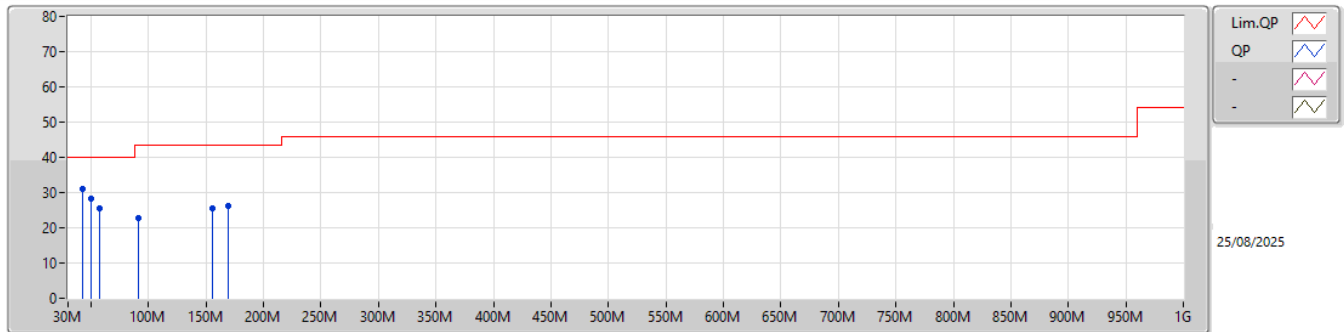
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	44M	30.57	40.00	-9.43	-9.27	3	Vertical	-	-	-	39.84	18.30	0.61	28.18		
PK	49.3M	28.57	40.00	-11.43	-8.76	3	Vertical	-	-	-	37.33	18.70	0.70	28.16		
PK	155.1M	27.92	43.50	-15.58	-8.70	3	Vertical	-	-	-	36.62	18.58	1.23	28.51		
PK	160M	27.39	43.50	-16.11	-8.96	3	Vertical	-	-	-	36.35	18.30	1.25	28.51		
PK	171M	26.60	43.50	-16.90	-9.42	3	Vertical	-	-	-	36.02	17.80	1.31	28.53		
PK	520.2M	29.31	46.00	-16.69	-3.21	3	Vertical	-	-	-	32.52	23.00	2.12	28.33		

Mode 3



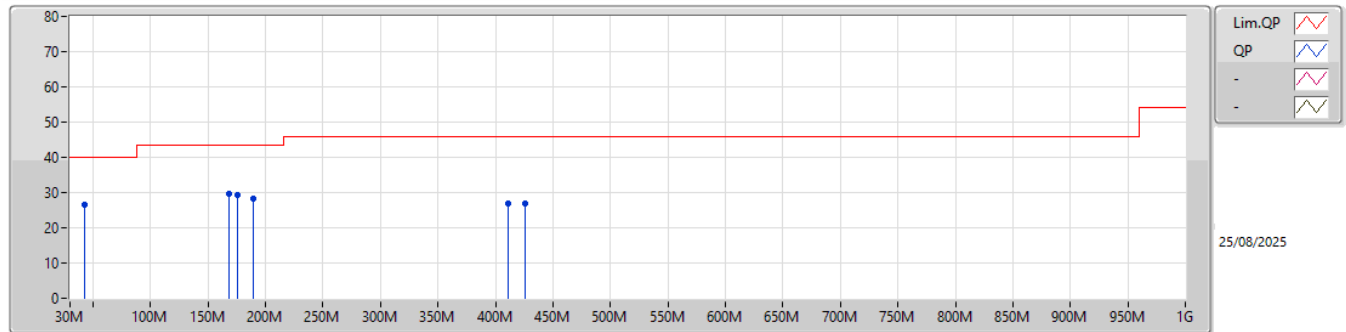
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	38.6M	24.77	40.00	-15.23	-9.65	3	Horizontal	-	-	-	34.42	17.96	0.58	28.19		
PK	42.9M	25.54	40.00	-14.46	-9.10	3	Horizontal	-	-	-	34.64	18.48	0.60	28.18		
PK	154.9M	26.65	43.50	-16.85	-8.69	3	Horizontal	-	-	-	35.34	18.59	1.23	28.51		
PK	166M	28.47	43.50	-15.03	-9.24	3	Horizontal	-	-	-	37.71	18.00	1.28	28.52		
PK	181.4M	26.32	43.50	-17.18	-10.69	3	Horizontal	-	-	-	37.01	16.50	1.35	28.54		
PK	425.7M	28.31	46.00	-17.69	-5.14	3	Horizontal	-	-	-	33.45	21.31	1.94	28.39		

Mode 3



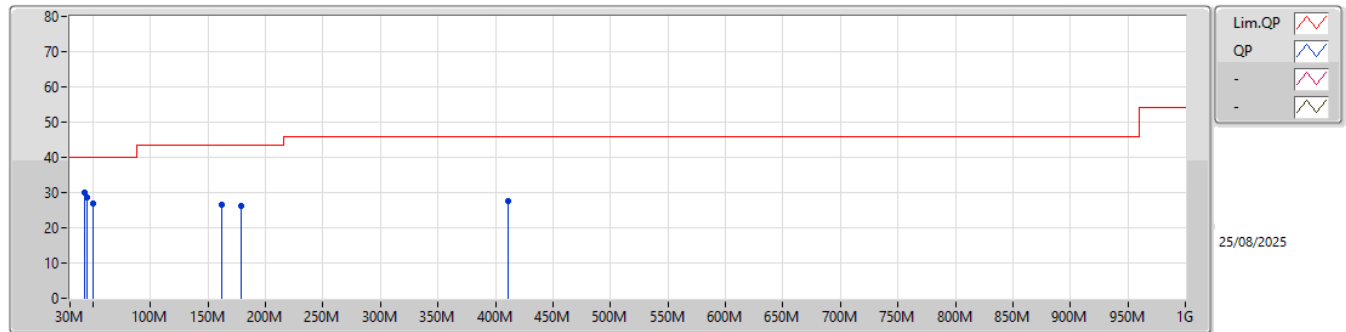
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	43M	31.12	40.00	-8.88	-9.08	3	Vertical	-	-	-	40.20	18.50	0.60	28.18		
PK	49.9M	28.31	40.00	-11.69	-8.75	3	Vertical	-	-	-	37.06	18.70	0.71	28.16		
PK	57.5M	25.39	40.00	-14.61	-9.08	3	Vertical	-	-	-	34.47	18.35	0.77	28.20		
PK	91.1M	22.78	43.50	-20.72	-14.90	3	Vertical	-	-	-	37.68	12.51	0.97	28.38		
PK	155.3M	25.38	43.50	-18.12	-8.74	3	Vertical	-	-	-	34.12	18.54	1.23	28.51		
PK	169.1M	26.16	43.50	-17.34	-9.44	3	Vertical	-	-	-	35.60	17.79	1.30	28.53		

Mode 4



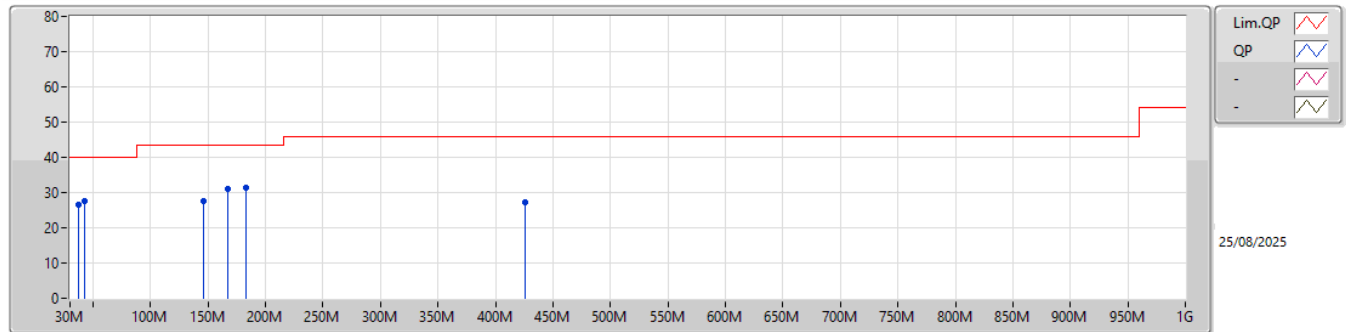
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	42.6M	26.58	40.00	-13.42	-9.16	3	Horizontal	-	-	-	35.74	18.42	0.60	28.18		
PK	168.2M	29.50	43.50	-14.00	-9.28	3	Horizontal	-	-	-	38.78	17.96	1.29	28.53		
PK	175.4M	29.41	43.50	-14.09	-9.89	3	Horizontal	-	-	-	39.30	17.32	1.33	28.54		
PK	189M	28.35	43.50	-15.15	-11.57	3	Horizontal	-	-	-	39.92	15.60	1.38	28.55		
PK	411.5M	26.88	46.00	-19.12	-5.62	3	Horizontal	-	-	-	32.50	20.86	1.92	28.40		
PK	425.7M	27.00	46.00	-19.00	-5.14	3	Horizontal	-	-	-	32.14	21.31	1.94	28.39		

Mode 4



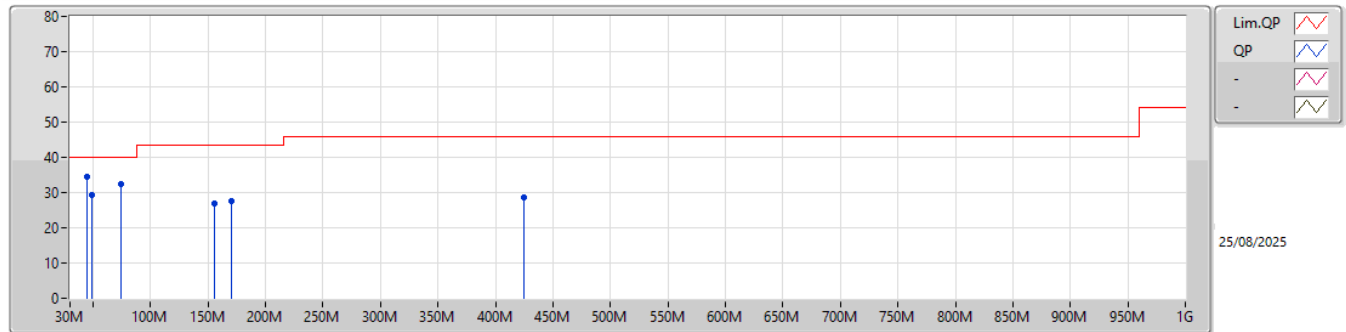
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	43M	29.94	40.00	-10.06	-9.08	3	Vertical	-	-	-	39.02	18.50	0.60	28.18		
PK	44.8M	28.46	40.00	-11.54	-9.02	3	Vertical	-	-	-	37.48	18.54	0.61	28.17		
PK	49.9M	26.95	40.00	-13.05	-8.75	3	Vertical	-	-	-	35.70	18.70	0.71	28.16		
PK	161.9M	26.60	43.50	-16.90	-9.05	3	Vertical	-	-	-	35.65	18.21	1.26	28.52		
PK	178.6M	26.37	43.50	-17.13	-10.30	3	Vertical	-	-	-	36.67	16.90	1.34	28.54		
PK	411.5M	27.52	46.00	-18.48	-5.62	3	Vertical	-	-	-	33.14	20.86	1.92	28.40		

Mode 5



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	37.5M	26.58	40.00	-13.42	-9.87	3	Horizontal	-	-	-	36.45	17.75	0.57	28.19		
PK	42.2M	27.44	40.00	-12.56	-9.24	3	Horizontal	-	-	-	36.68	18.34	0.60	28.18		
PK	145.6M	27.63	43.50	-15.87	-8.94	3	Horizontal	-	-	-	36.57	18.36	1.19	28.49		
PK	167.2M	31.15	43.50	-12.35	-9.31	3	Horizontal	-	-	-	40.46	17.92	1.29	28.52		
PK	183.2M	31.36	43.50	-12.14	-10.81	3	Horizontal	-	-	-	42.17	16.38	1.36	28.55		
PK	426.1M	27.15	46.00	-18.85	-5.13	3	Horizontal	-	-	-	32.28	21.32	1.94	28.39		

Mode 5

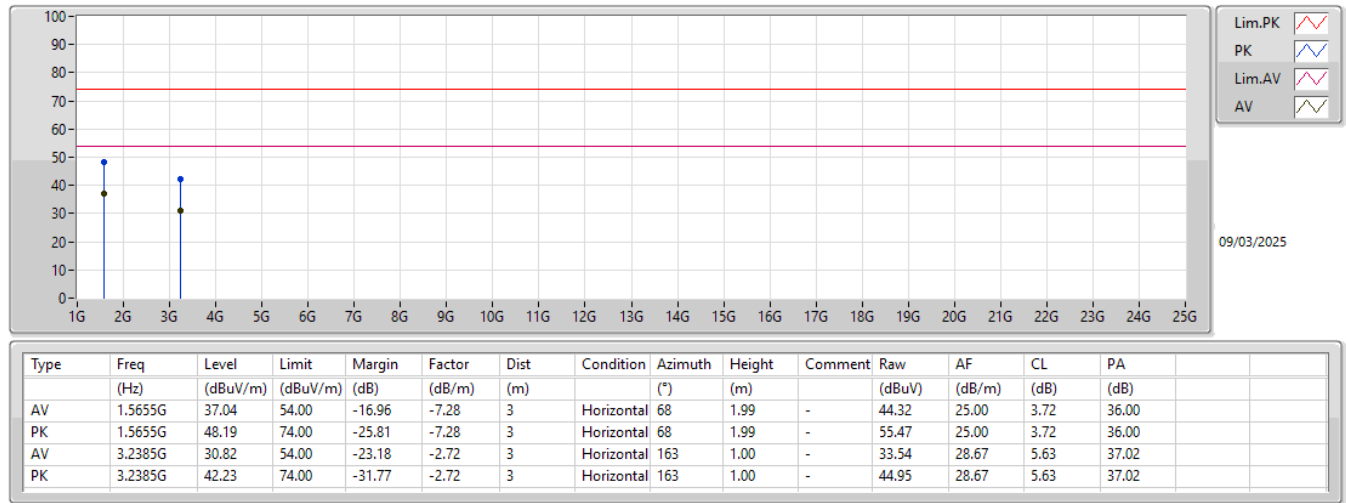


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	45.1M	34.58	40.00	-5.42	-8.95	3	Vertical	-	-	-	43.53	18.61	0.61	28.17		
PK	49.3M	29.33	40.00	-10.67	-8.76	3	Vertical	-	-	-	38.09	18.70	0.70	28.16		
PK	73.9M	32.54	40.00	-7.46	-12.38	3	Vertical	-	-	-	44.92	15.04	0.87	28.29		
PK	155.2M	26.98	43.50	-16.52	-8.72	3	Vertical	-	-	-	35.70	18.56	1.23	28.51		
PK	170.3M	27.49	43.50	-16.01	-9.50	3	Vertical	-	-	-	36.99	17.73	1.30	28.53		
PK	424.5M	28.57	46.00	-17.43	-5.16	3	Vertical	-	-	-	33.73	21.29	1.94	28.39		

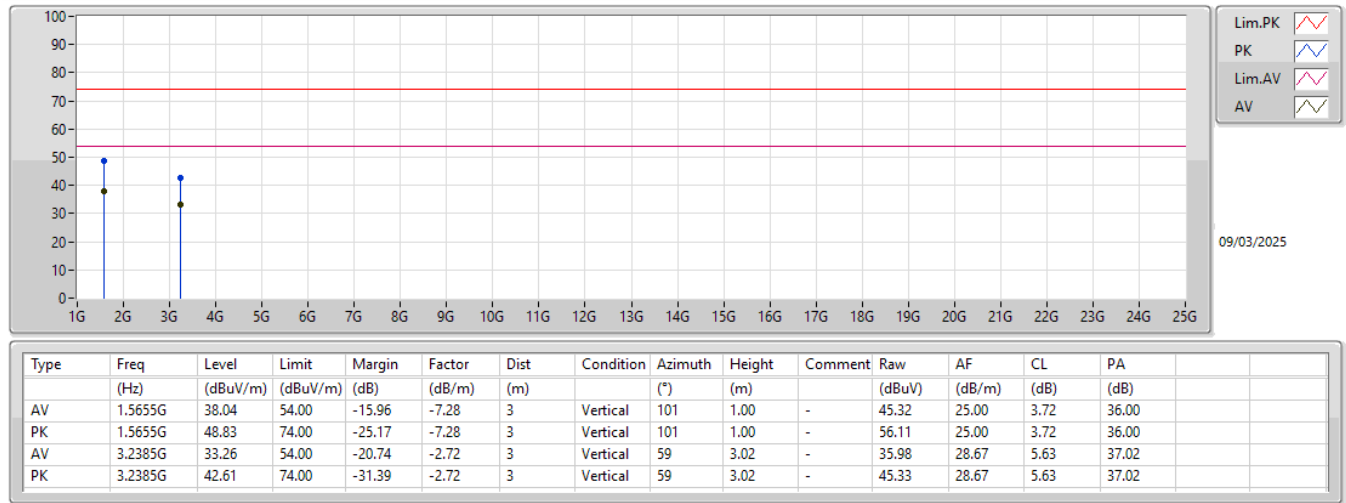
**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	1.5655G	38.04	54.00	-15.96	Vertical
Mode 2	Pass	AV	2.9215G	52.93	54.00	-1.07	Vertical
Mode 3	Pass	AV	1.6945G	37.69	54.00	-16.31	Vertical
Mode 4	Pass	AV	1.62G	37.15	54.00	-16.85	Vertical
Mode 5	Pass	AV	1.583G	37.80	54.00	-16.20	Vertical

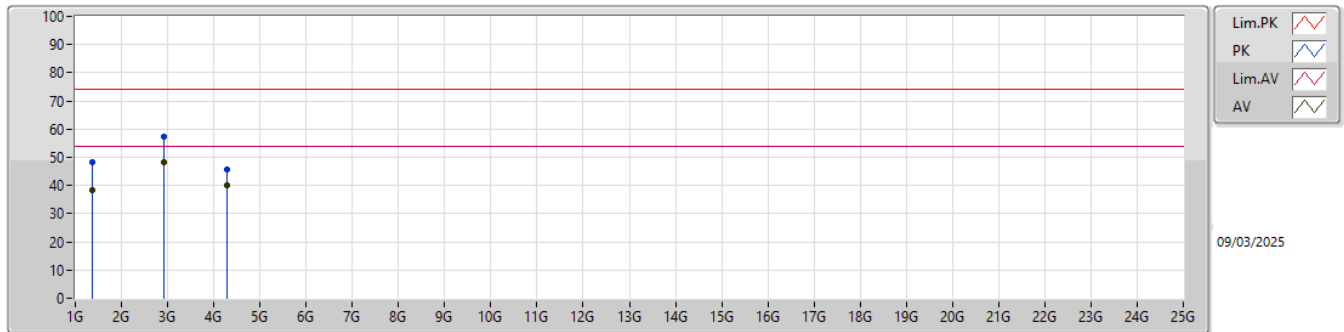
Mode 1



Mode 1

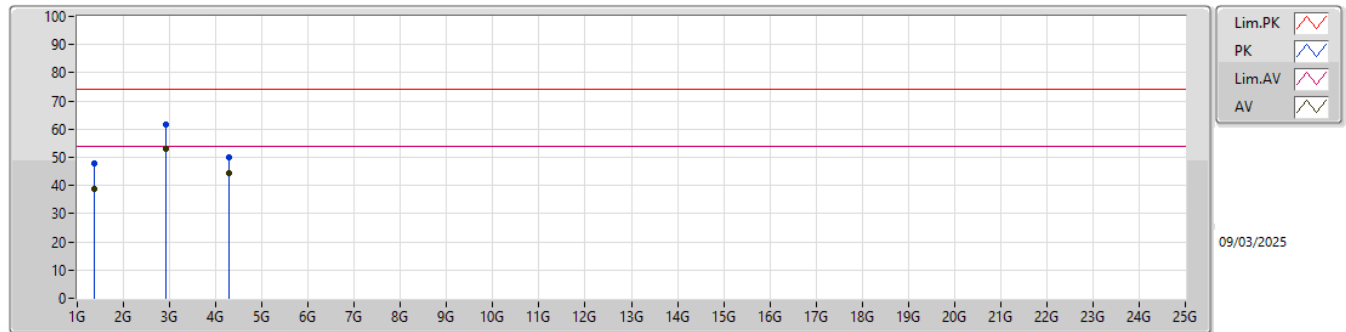


Mode 2



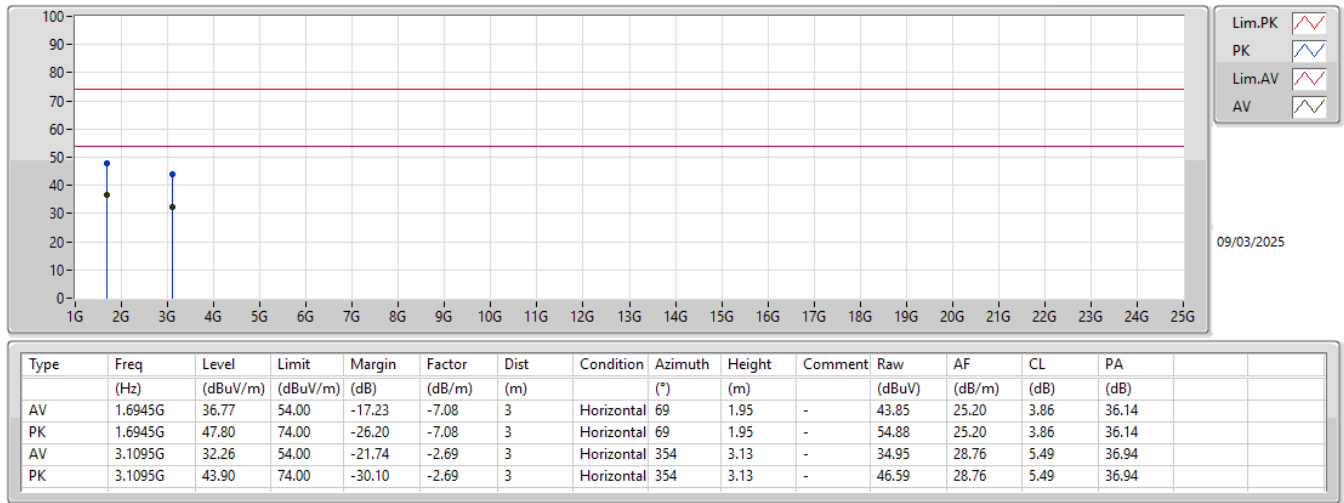
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
AV	1.363G	38.43	54.00	-15.57	-6.54	3	Horizontal	142	2.30	-	44.97	25.90	3.45	35.89		
PK	1.363G	48.22	74.00	-25.78	-6.54	3	Horizontal	142	2.30	-	54.76	25.90	3.45	35.89		
AV	2.9215G	48.43	54.00	-5.57	-3.01	3	Horizontal	1	3.14	-	51.44	28.60	5.28	36.89		
PK	2.9215G	57.41	74.00	-16.59	-3.01	3	Horizontal	1	3.14	-	60.42	28.60	5.28	36.89		
AV	4.284G	40.11	54.00	-13.89	-1.65	3	Horizontal	47	3.13	-	41.76	30.24	6.21	38.10		
PK	4.284G	45.64	74.00	-28.36	-1.65	3	Horizontal	47	3.13	-	47.29	30.24	6.21	38.10		

Mode 2

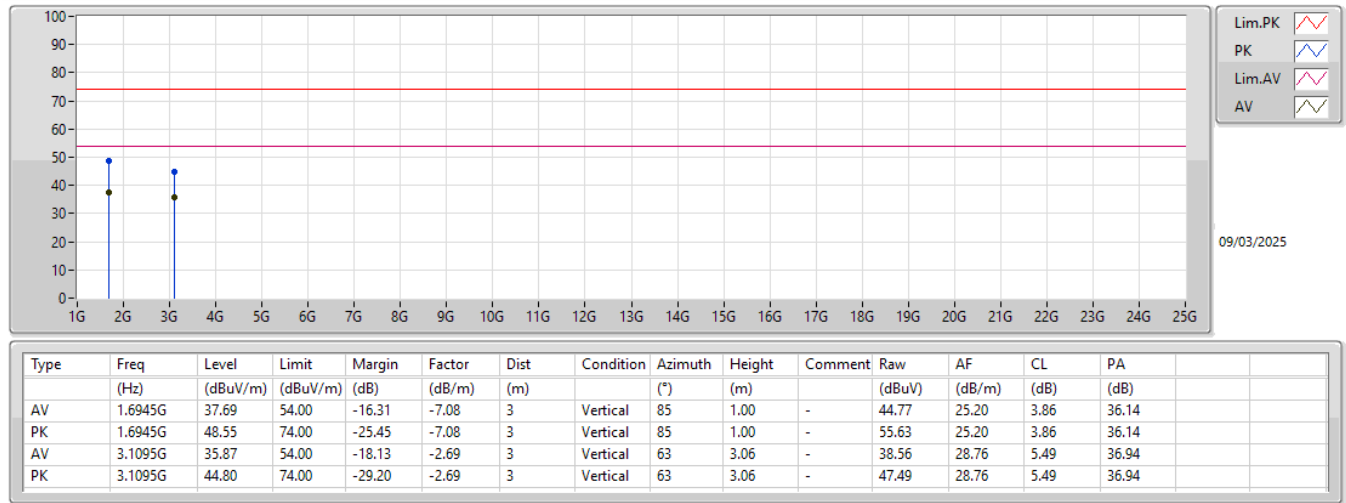


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
AV	1.363G	38.97	54.00	-15.03	-6.54	3	Vertical	287	2.17	-	45.51	25.90	3.45	35.89		
PK	1.363G	48.02	74.00	-25.98	-6.54	3	Vertical	287	2.17	-	54.56	25.90	3.45	35.89		
AV	2.9215G	52.93	54.00	-1.07	-3.01	3	Vertical	319	3.05	-	55.94	28.60	5.28	36.89		
PK	2.9215G	61.63	74.00	-12.37	-3.01	3	Vertical	319	3.05	-	64.64	28.60	5.28	36.89		
AV	4.284G	44.32	54.00	-9.68	-1.65	3	Vertical	119	1.21	-	45.97	30.24	6.21	38.10		
PK	4.284G	50.06	74.00	-23.94	-1.65	3	Vertical	119	1.21	-	51.71	30.24	6.21	38.10		

Mode 3



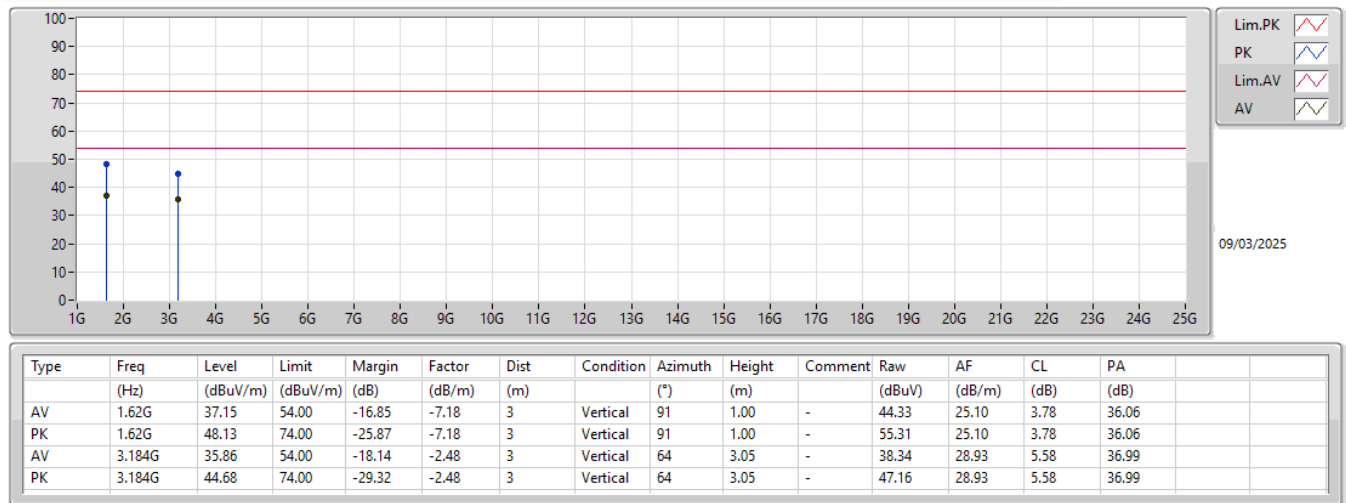
Mode 3



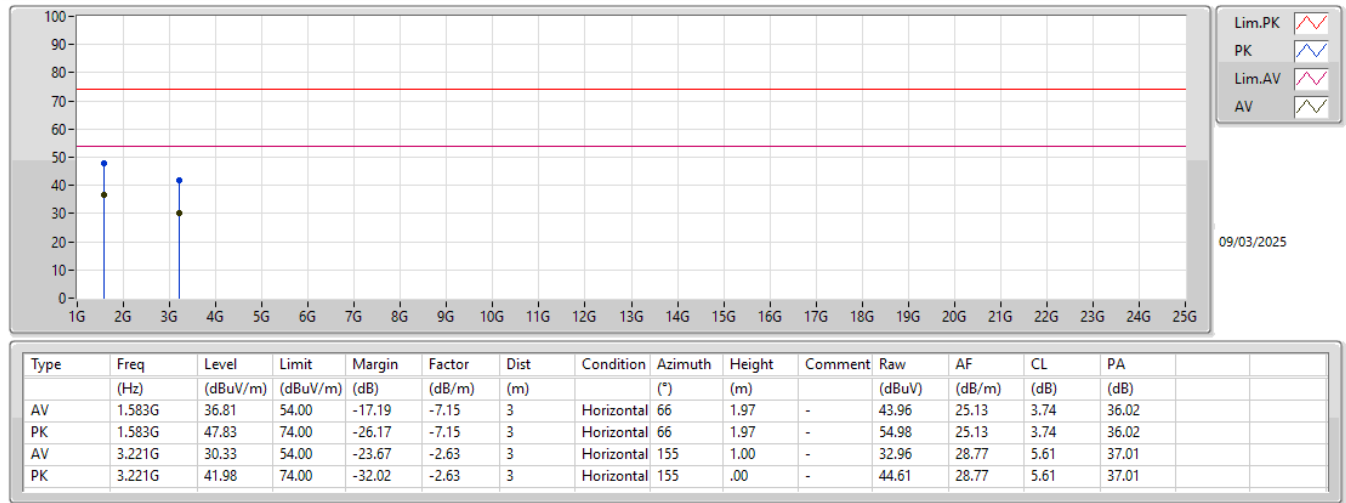
Mode 4



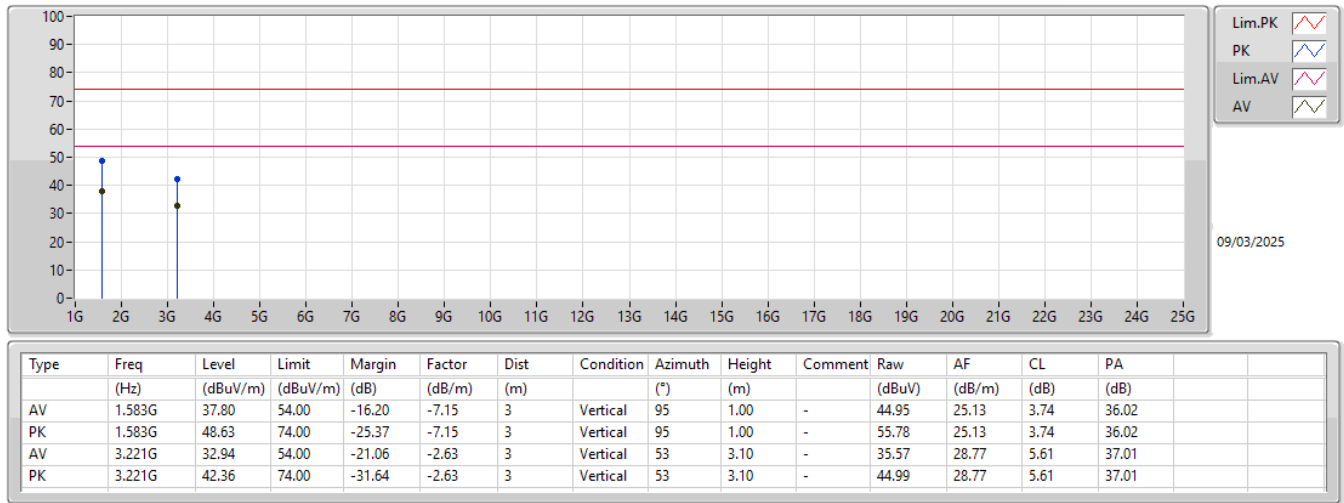
Mode 4



Mode 5



Mode 5



Transmitter Radiated Unwanted Emissions (Below 1GHz)

Test mode		6					
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
40.9	H	-63.77	-13	-50.77	-71.07	-47.43	-16.34
42.7	H	-65.03	-13	-52.03	-72.14	-48.83	-16.2
162.5	H	-67.43	-13	-54.43	-67.27	-62.82	-4.61
164.7	H	-68.38	-13	-55.38	-68.12	-64.07	-4.31
517.4	H	-70.92	-13	-57.92	-75.71	-70.35	-0.57
657.7	H	-44.97	-13	-31.97	-51.16	-43.79	-1.18
44.5	V	-68.91	-13	-55.91	-67.14	-52.85	-16.06
49.3	V	-69.86	-13	-56.86	-68	-54.35	-15.51
155.2	V	-68.45	-13	-55.45	-70.78	-63.33	-5.12
160	V	-69.4	-13	-56.4	-71.95	-64.45	-4.95
425.7	V	-69.58	-13	-56.58	-73.92	-69.12	-0.46
657.3	V	-40.18	-13	-27.18	-49.56	-39	-1.18

Note: EIRP = S.G Power value + Correction factor

Transmitter Radiated Unwanted Emissions (Above 1GHz)

Test mode		6					
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)
1088	H	-47.48	-13	-34.48	-51.08	-50.12	2.64
3059	H	-42.61	-13	-29.61	-51.15	-48.3	5.69
4147	H	-51.3	-13	-38.3	-60.98	-57.55	6.25
1088	V	-41.52	-13	-28.52	-44.89	-44.16	2.64
3059	V	-39.01	-13	-26.01	-47.37	-44.7	5.69
4147	V	-51.52	-13	-38.52	-61.03	-57.77	6.25

Note: EIRP = S.G Power value + Correction factor