FCC Radio Test Report

FCC ID	:	**V93MT6200AW**
Equipment	:	**Mobile Terminal System**
Brand Name	:	**POSIFLEX**
Model Name	:	**MT-62xxxx, MT-62xxxx-G2 (where x can be 0-9, A-Z, blank or symbol)**
Applicant	:	**POSIFLEX TECHNOLOGY, INC. 4F-8F, No.23, Datong St., Tucheng Dist., New Taipei City 236044, Taiwan (R.O.C.)**
Manufacturer	:	**POSIFLEX TECHNOLOGY, INC. 4F-8F, No.23, Datong St., Tucheng Dist., New Taipei City 236044, Taiwan (R.O.C.)**
Standard	:	**47 CFR FCC Part 15.225**

The product was received on Jan. 11, 2024, and testing was started from Feb. 25, 2024 and completed on Mar. 02, 2024. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.

Jackson Tsai

Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issued Date
FR3D2937AR	01	Initial issue of report	Jun. 27, 2024

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.215(c)	Emission Bandwidth	PASS	-
3.3	15.225(e)	Frequency Stability	PASS	-
3.4	15.225(a)~(d)	Field Strength of Fundamental Emissions and Spectrum Mask	PASS	-
3.5	15.225(d)	Transmitter Radiated Unwanted Emissions	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:
None

Reviewed by: Terry Chang

Report Producer: Julie Tseng

1 General Description

1.1 Information

1.1.1 RF General Information

RF General Information						
Frequency Range(MHz)	Type	Mode	Ch. Frequency (MHz)	Channel Number	Field Strength (dBuV/m)	Remark
13.553 – 13.567	NFC-A (ISO 14443-3A) NFC-B (ISO 14443-3B) NFC-F (ISO 18092) NFC-V (ISO 15693)	NFC	13.56	1	64.05	10”
					61.76	8”

Note :
- Field strength performed peak level at 3m.
- Uses a ASK modulation.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	AWAN	WB-MT-6210A_NFC Ant_HF	Loop Antenna	N/A

1.1.3 EUT Information

Operational Condition	
EUT Power Type	From Power Adapter
Type of EUT	
☒	Stand-alone
☐	Combined (EUT where the radio part is fully integrated within another device) Combined Equipment - Brand Name / Model No.:
☐	Plug-in radio (EUT intended for a variety of host systems) Host System - Brand Name / Model No.:
☐	Other:

1.1.4 Test Signal Duty Cycle

Duty Cycle Operation Restriction			
The transmitter is used for		The transmitter is operated	
☒	Inductive applications	☒	Automatically triggered
☐	Duty cycle fixed mode	☒	Duty cycle random mode
☒	**Duty cycle mode - NFC-A (ISO 14443-3A)**		
Declare transmitter duty cycle / 1 hour =		100%	
☒	**Duty cycle mode - NFC-B (ISO 14443-3B)**		
Declare transmitter duty cycle / 1 hour =		100%	
☒	**Duty cycle mode - NFC-F (ISO 18092)**		
Declare transmitter duty cycle / 1 hour =		100%	
☒	**Duty cycle mode - NFC-V (ISO 15693)**		
Declare transmitter duty cycle / 1 hour =		100%	

1.1.5 Table for Multiple Listing

The brand/model names in the following table are all refer to the identical product.

Size	Model Name	Description
8”	MT-62xxxx, MT-62xxxx-G2 (where x can be 0-9, A-Z, blank or symbol)	All the models are identical, the difference model for difference brand served as marketing strategy.
10”		

From the above models, model: MT-6208A, MT-6210A was selected as representative model for the test and its

data was recorded in this report.

1.2 Testing Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- 47 CFR FCC Part 15
- ANSI C63.10-2013

The following reference test guidance is not within the scope of accreditation of TAF:

- KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (**TAF:** 3785)	**ADD:** No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		**FAX:** 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
AC Conduction	CO04-HY	Daniel Lin	21.0~22.5°C / 51~54%	25/Feb/2024
RF Conducted	TH01-HY	Raven Chien	21.9~22.3°C / 59~61%	02/Mar/2024
Radiated	03CH02-HY	Edward Wang	20.1~22.4°C / 49~53%	26/Feb/2024~27/Feb/2024
☐ Wen 33rd.St. (**TAF:** 3785)	**ADD:** No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		**FAX:** 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				

1.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)

Test Items	Uncertainty	Remark
AC Power-line Conducted Emissions	4.53 dB	Confidence levels of 95%
Emission Bandwidth	0.005 MHz	Confidence levels of 95%
Frequency Stability	5 ppm	Confidence levels of 95%
Field Strength of Fundamental Emissions and Spectrum Mask	2.5 dB	Confidence levels of 95%
Transmitter Radiated Unwanted Emissions	4.8 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Condition

Condition Item	Abbreviation/Remark	Remark
TnomVnom	Tnom	20°C
TminVmin	Vnom	120V
TminVmax	Vmin	102V
TmaxVmin	Vmax	138V
-	Tmin	0°C
-	Tmax	40°C
-20°C	-	-
-10°C	-	-
0°C	-	-
10°C	-	-
20°C	-	-
30°C	-	-
40°C	-	-
50°C	-	-
20°C-138V	-	-
20°C-120V	-	-
20°C-102V	-	-

2.2 Test Channel Mode

Test Software Version	N/A

Note: The EUT transmits RF signal continuously by itself.

Mode	Power Setting
NFC	-
13.56MHz	default

2.3 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
	1. Adapter1 mode；NFC TX
	2. Adapter2 mode；NFC TX

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth, Frequency Stability
Test Condition	Conducted measurement

The Worst Case Mode for Following Conformance Tests			
Tests Item	Field Strength of Fundamental Emissions and Spectrum Mask Transmitter Radiated Unwanted Emissions		
Test Condition	Radiated measurement		
Pretest Mode	☒ 1. NFC-A (ISO 14443-3A)		
	☒ 2. NFC-B (ISO 14443-3B)		
	☒ 3. NFC-F (ISO 18092)		
	☒ 4. NFC-V (ISO 15693)		
Mode 2 configuration was pretested and found to be the worst case and measured during the test. (10”)			
Mode 3 configuration was pretested and found to be the worst case and measured during the test. (8”)			
Operating Mode	CTX		
	1. Adapter Mode		
Orthogonal Planes of EUT	**X Plane**	**Y Plane**	**Z Plane**
Worst Planes of EUT		V	

2.4 Accessories

Accessories				
Power adapter 1	Brand Name	DELTA	Model Name	ADP-45HG B
	Manufacturer	DELTA ELECTRONICS, INC.	SN	-
	Power Rating	I/P: 100 - 240 Vac, 1.5 A O/P: 5.0 Vdc, 3.0A, 15W 9.0 Vdc, 3.0A, 27W 12.0 Vdc, 3.0A, 36W 15.0 Vdc, 3.0A, 45W 20.0 Vdc, 2.25A, 45W		
Power adapter 2	Brand Name	LITEON	Model Name	PA-1450-50
	Manufacturer	Lite-ON Technology Corp.	SN	-
	Power Rating	I/P: 100 - 240 Vac, 1.3 A O/P: 5.0 Vdc, 3.0A, 15W 9.0 Vdc, 3.0A, 27W 12.0 Vdc, 3.0A, 36W 15.0 Vdc, 3.0A, 45W 20.0 Vdc, 2.25A, 45W		
Power Cord (US Plug)	Brand Name	PHION	Model Name	PHP-301 to PHS-305
	Power Cord	1.8 meter, without shielded cable, without ferrite core		
Battery	Brand Name	POSIFLEX	Model Name	RB-1300
	Manufacturer	Jiade Energy Technology(Zhuhai) Co., Ltd.	SN	-
	Power Rating	7.70Vdc, 5930 mAh	Type	Li-ion

Reminder: Regarding to more detail and other information, please refer to user manual.

2.5 Support Equipment

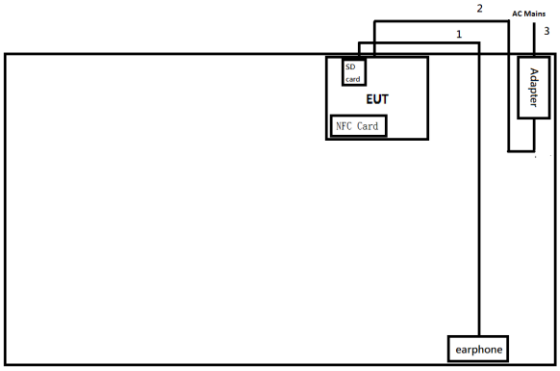
Support Equipment – AC Conduction					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Earphone	APPLE	MD827FEA	-	-
2	SD card	Sporton	Sporton	-	-
3	NFC Card	Sporton	Sporton	-	-

Support Equipment – Conducted					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	NFC Card	Sporton	Sporton	-	-

Support Equipment – Radiated					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Earphone	APPLE	MD827FEA	-	-
2	SD card	Sporton	Sporton	-	-
3	NFC Card	Sporton	Sporton	-	-

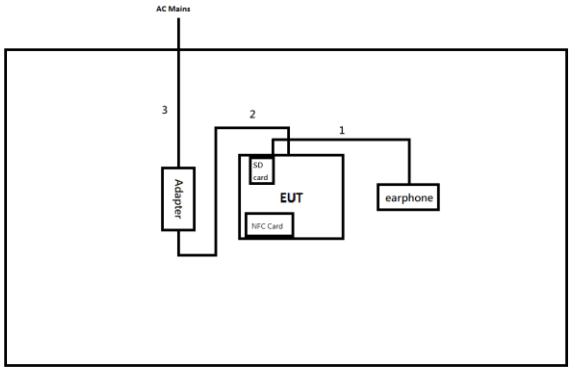
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	Audio Cable	No	1.25	-
2	DC Power cable	No	1.5	-
3	AC Power cable	No	1.8	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	Audio Cable	No	1.25	-
2	DC Power cable	No	1.5	-
3	AC Power cable	No	1.8	-

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	**Quasi-Peak**	**Average**
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

3.1.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

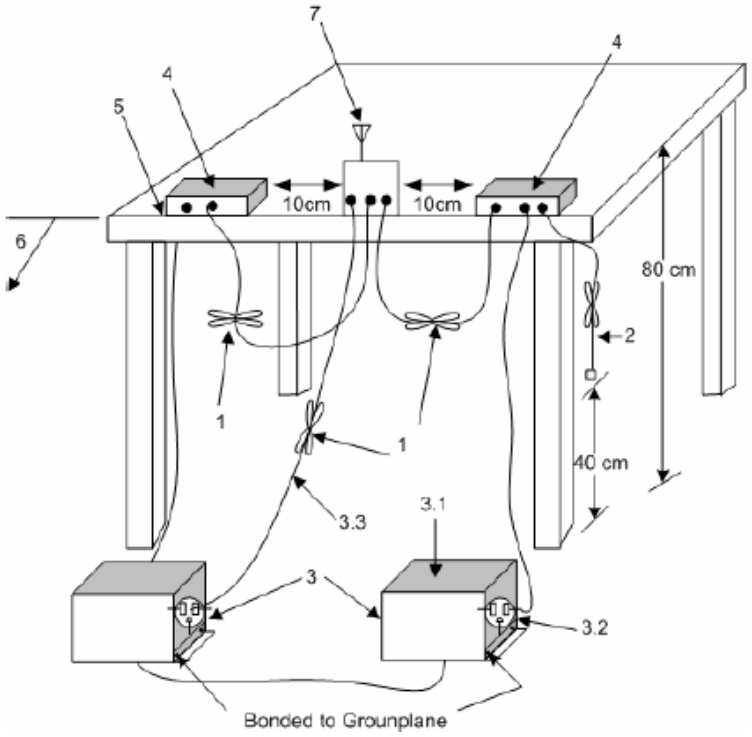
Test Method		
☒	Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.	
☒	If AC conducted emissions fall in operating band, then following below test method confirm final result.	
	☐	Accept measurements done with a suitable dummy load replacing the antenna under the following conditions: (1) Perform the AC line conducted tests with the antenna connected to determine compliance with FCC 15.207 limits outside the transmitter's fundamental emission band; (2) Retest with a dummy load to determine compliance with FCC 15.207 limits within the transmitter's fundamental emission band.
	☒	For a device with a permanent antenna operating at or below 30 MHz, accept measurements done with a suitable dummy load, in lieu of the permanent antenna under the following conditions: (1) Perform the AC line conducted tests with the permanent antenna to determine compliance with the FCC 15.207 limits outside the transmitter's fundamental emission band; (2) Retest with a dummy load in lieu of the permanent antenna to determine compliance with the FCC 15.207 limits within the transmitter's fundamental emission band.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Raw(Read Level) +LISN(LISN Factor) + CL(Cable Loss) + AT(Attenuator).

3.1.5 Test Setup

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

20dB Bandwidth Limit
☒ Intentional radiators must be designed to ensure that the 20 dB bandwidth of the emissions in the specific band (13.553 – 13.567).

3.2.2 Measuring Instruments

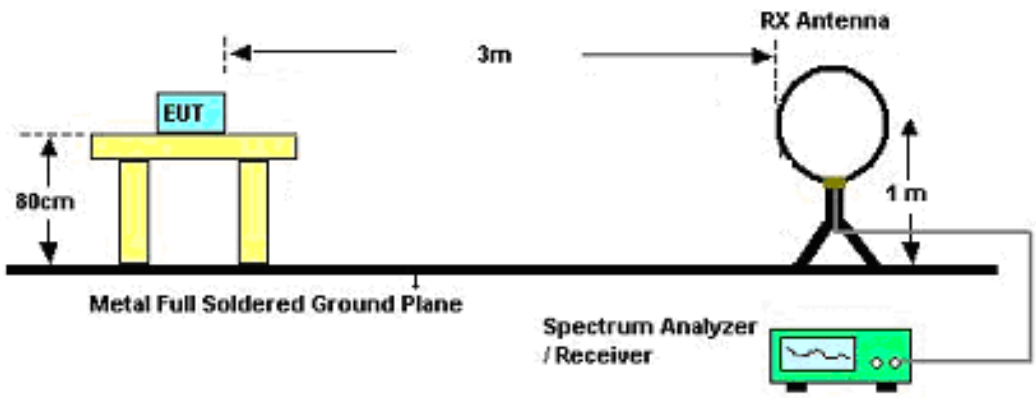
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

Test Method
☒ Because the measured signal is CW or CW-like adjusting the RBW per C63.10 would not be practical since measured bandwidth will always follow the RBW and the result will be approximately twice the RBW.
☒ For radiated measurement. Loop antenna was rotated about the horizontal and vertical axis and the equipment to be measured and the test antenna shall be oriented to obtain the maximum emitted field strength level.

3.2.4 Test Setup

Emission Bandwidth



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Frequency Stability

3.3.1 Frequency Stability Limit

Frequency Stability Limit
☒ Carrier frequency stability shall be maintained to ±0.01% (±100 ppm).

3.3.2 Measuring Instruments

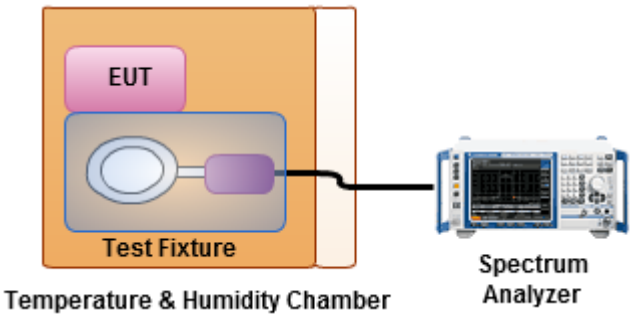
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

Test Method	
☒	Refer as ANSI C63.10, clause 6.8 for frequency stability tests
	☒ Frequency stability with respect to ambient temperature
	☒ Frequency stability when varying supply voltage
☐	For conducted measurement.
☒	For radiated measurement. The equipment to be measured and the test antenna shall be oriented to obtain the maximum emitted power level.

3.3.4 Test Setup

Frequency Stability



3.3.5 Test Result of Frequency Stability

Refer as Appendix C

3.4 Field Strength of Fundamental Emissions and Spectrum Mask

3.4.1 Field Strength of Fundamental Emissions and Spectrum Mask Limit

Field Strength of Fundamental Emissions and Spectrum Mask					
Emissions	**(uV/m)@30m**	**(dBuV/m)@30m**	**(dBuV/m)@10m**	**(dBuV/m)@3m**	**(dBuV/m)@1m**
fundamental	15848	84.0	103.1	124.0	143.1
Quasi peak measurement of the fundamental.					

Spectrum Mask					
Freq. of Emission (MHz)	**(uV/m)@30m**	**(dBuV/m)@30m**	**(dBuV/m)@10m**	**(dBuV/m)@3m**	**(dBuV/m)@1m**
1.705~13.110	30	29.5	48.6	69.5	88.6
13.110~13.410	106	40.5	59.6	80.5	99.6
13.410~13.553	334	50.5	69.6	90.5	109.6
13.553~13.567	15848	84.0	103.1	124.0	143.1
13.567~13.710	334	50.5	69.6	90.5	109.6
13.710~14.010	106	40.5	59.6	80.5	99.6
14.010~30.000	30	29.5	48.6	69.5	88.6

3.4.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

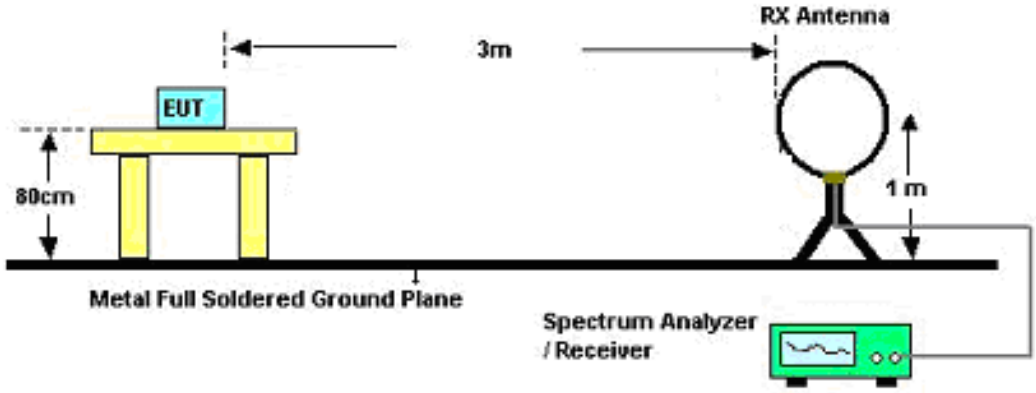
Test Method		
☒	Refer as ANSI C63.10, clause 6.4 for radiated emissions from below 30 MHz and test distance is 3m.	
☒	At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the requirements; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed below 30 MHz, when performing measurements at a closer distance than specified, the results shall be following below methods.	
	☐	The results shall be extrapolated to the specified distance by making measurements at a minimum of two distances on at least one radial to determine the proper extrapolation factor.
	☒	The results shall be by using the square of an inverse linear distance extrapolation factor (40 dB/decade).
☒	For radiated measurement. Loop antenna was rotated about the horizontal and vertical axis and the equipment to be measured and the test antenna shall be oriented to obtain the maximum emitted field strength level.	

3.4.4 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor).

3.4.5 Test Setup

Field Strength of Fundamental Emissions and Spectrum Mask



3.4.6 Test Result of Field Strength of Fundamental Emissions and Spectrum Mask

Refer as Appendix D

3.5 Transmitter Radiated Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

Transmitter Radiated Unwanted 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: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

3.5.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

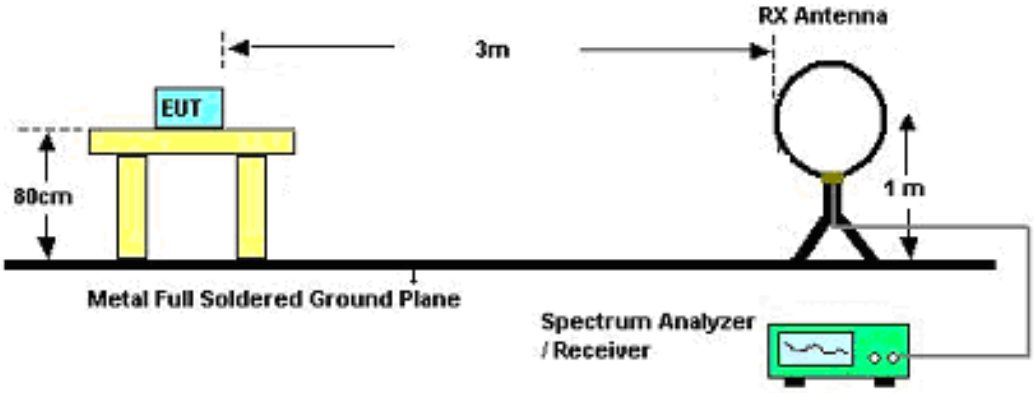
Test Method		
☒	Refer as ANSI C63.10, clause 6.5 for radiated emissions from 30 MHz to 1 GHz and test distance is 3m.	
☒	Refer as ANSI C63.10, clause 6.4 for radiated emissions from below 30 MHz and test distance is 3m.	
☒	At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the requirements; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed below 30 MHz, when performing measurements at a closer distance than specified, the results shall be following below methods.	
	☐	The results shall be extrapolated to the specified distance by making measurements at a minimum of two distances on at least one radial to determine the proper extrapolation factor.
	☒	The results shall be by using the square of an inverse linear distance extrapolation factor (40 dB/decade).
☒	For radiated measurement. Loop antenna was rotated about the horizontal and vertical axis and the equipment to be measured and the test antenna shall be oriented to obtain the maximum emitted field strength level.	
☒	The any unwanted emissions level shall not exceed the fundamental emission level.	
☒	All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.	
☒	KDB 414788 D01 v01r01 Open-Field Test Sites and Chamber Correlation Justification.	
	▪	Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	▪	Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

3.5.4 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

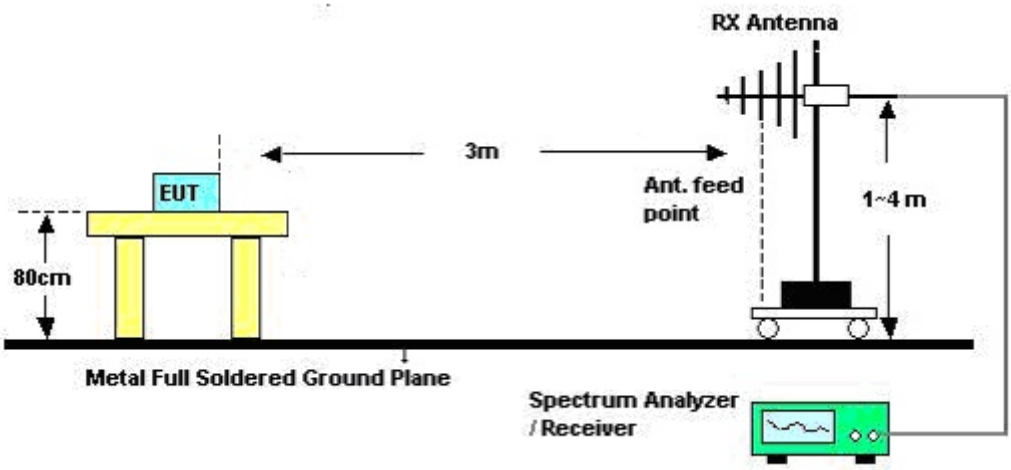
3.5.5 Test Setup

Transmitter Radiated Unwanted Emissions



Magnetic field tests shall be performed in the frequency range of 9 kHz to 30 MHz using a calibrated loop antenna. The center of the loop shall be 1 m above the ground.

Transmitter Radiated Bandedge Emissions



Electric field tests shall be performed in the frequency range of 30 MHz to 1000 MHz using a calibrated bi-log antenna. the antenna height shall be varied from 1 m to 4 m.

3.5.6 Transmitter Radiated Unwanted Emissions

Refer as Appendix D

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer / Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR	102051	9kHz ~ 3.6GHz	16/May/2023	15/May/2024
TWO-LINE V-NETWORK	R&S	ENV 216	101295	9kHz-30MHz	05/Feb/2024	04/Feb/2025
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	28/Feb/2023	27/Feb/2024
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	18/Oct/2023	17/Oct/2024
Software	Sporton	SENSE-EMI	V5.11.3	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer / Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV	101013	10Hz ~ 30GHz	10/Apr/2023	09/Apr/2024
Temp. and Humidity	Giant Force	GTH-225-20-SP-SD	MAA1112-007	-20~100℃	17/May/2023	16/May/2024
SENSE-NFC	Sporton	V5.11.5	N/A	N/A	N/A	N/A

Instrument for Radiated Test

Instrument	Manufacturer / Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3m	29/Jul/2023	28/Jul/2024
EMI Test Receiver	R&S	ESR	102052	9kHz~3.6GHz	26/May/2023	25/May/2024
Signal Analyzer	R&S	FSP 40	100593	9kHz~40GHz	17/Mar/2023	16/Mar/2024
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	23/Mar/2023	22/Mar/2024
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz~1GHz	27/Aug/2023	26/Aug/2024
RF Cable	MVE	400LL+SN 200207	03CH02-cable-02	9kHz~30MHz	19/Dec/2023	18/Dec/2024
RF Cable	MVE	400LL+SN 200207	03CH02-cable-02	30MHz~1GHz	19/Dec/2023	18/Dec/2024
Amplifier	Aglient	8447D	2944A11149	100kHz~1.3GHz	27/Jun/2023	26/Jun/2024
SENSE-NFC	Sporton	V5.11.0	N/A	N/A	N/A	N/A

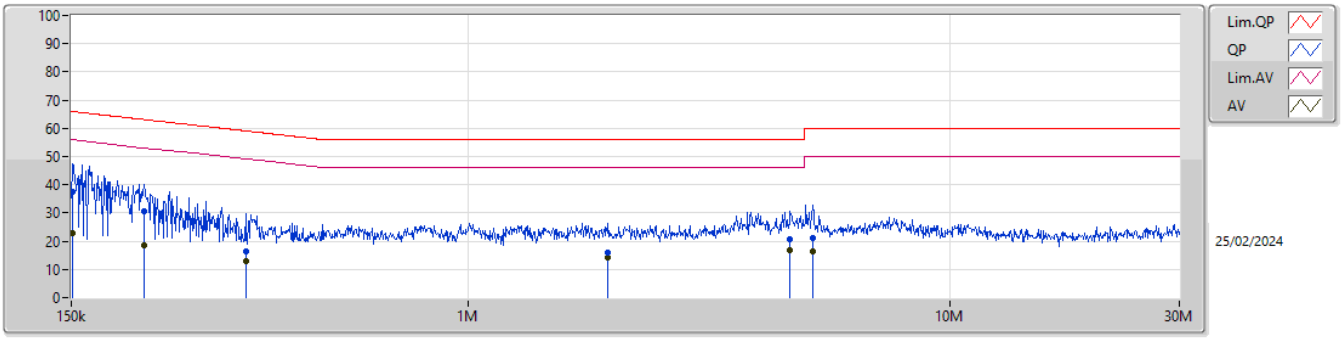
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	165.743k	38.90	65.18	-26.28	Neutral
Mode 2	Pass	PK	156.734k	42.50	65.64	-23.14	Line

Result

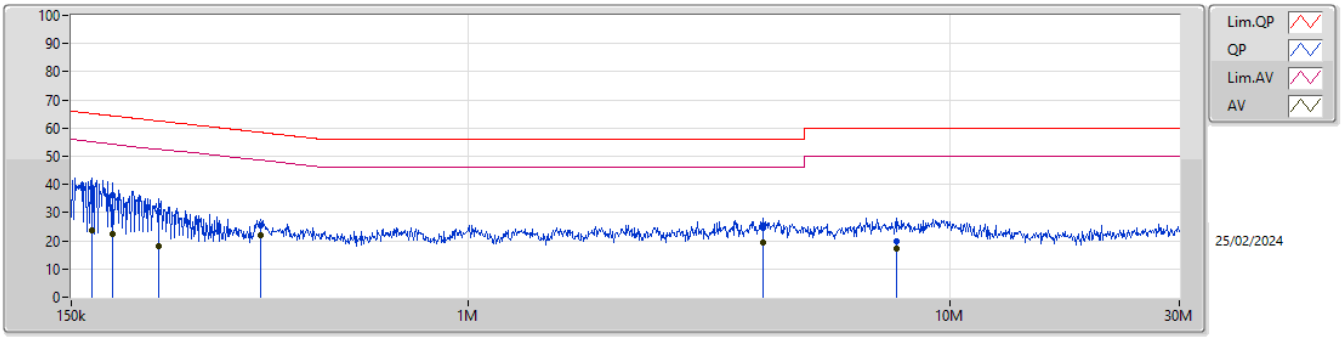
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	151.202k	37.29	65.92	-28.63	Line
Mode 1	Pass	AV	151.202k	22.87	55.92	-33.05	Line
Mode 1	Pass	QP	212.287k	30.54	63.11	-32.57	Line
Mode 1	Pass	AV	212.287k	18.68	53.11	-34.43	Line
Mode 1	Pass	QP	345.491k	16.44	59.08	-42.64	Line
Mode 1	Pass	AV	345.491k	12.98	49.08	-36.10	Line
Mode 1	Pass	QP	1.954M	16.16	56.00	-39.84	Line
Mode 1	Pass	AV	1.954M	14.20	46.00	-31.80	Line
Mode 1	Pass	QP	4.665M	20.63	56.00	-35.37	Line
Mode 1	Pass	AV	4.665M	16.89	46.00	-29.11	Line
Mode 1	Pass	QP	5.196M	21.02	60.00	-38.98	Line
Mode 1	Pass	AV	5.196M	16.45	50.00	-33.55	Line
Mode 1	Pass	QP	165.743k	38.90	65.18	-26.28	Neutral
Mode 1	Pass	AV	165.743k	23.85	55.18	-31.33	Neutral
Mode 1	Pass	QP	182.408k	36.22	64.37	-28.15	Neutral
Mode 1	Pass	AV	182.408k	22.39	54.37	-31.98	Neutral
Mode 1	Pass	QP	228.103k	29.96	62.52	-32.56	Neutral
Mode 1	Pass	AV	228.103k	18.12	52.52	-34.40	Neutral
Mode 1	Pass	QP	371.231k	25.38	58.47	-33.09	Neutral
Mode 1	Pass	AV	371.231k	22.00	48.47	-26.47	Neutral
Mode 1	Pass	QP	4.089M	24.47	56.00	-31.53	Neutral
Mode 1	Pass	AV	4.089M	19.45	46.00	-26.55	Neutral
Mode 1	Pass	QP	7.745M	19.77	60.00	-40.23	Neutral
Mode 1	Pass	AV	7.745M	17.14	50.00	-32.86	Neutral
Mode 2	Pass	PK	156.734k	42.50	65.64	-23.14	Line
Mode 2	Pass	PK	195.997k	37.74	63.78	-26.04	Line
Mode 2	Pass	PK	269.741k	30.48	61.12	-30.64	Line
Mode 2	Pass	PK	464.229k	29.09	56.61	-27.52	Line
Mode 2	Pass	PK	3.043M	25.19	56.00	-30.81	Line
Mode 2	Pass	PK	11.453M	29.44	60.00	-30.56	Line
Mode 2	Pass	QP	154.251k	38.20	65.77	-27.57	Neutral
Mode 2	Pass	AV	154.251k	23.18	55.77	-32.59	Neutral
Mode 2	Pass	QP	177.381k	34.35	64.60	-30.25	Neutral
Mode 2	Pass	AV	177.381k	20.72	54.60	-33.88	Neutral
Mode 2	Pass	QP	211.442k	29.03	63.15	-34.12	Neutral
Mode 2	Pass	AV	211.442k	18.42	53.15	-34.73	Neutral
Mode 2	Pass	QP	467.95k	23.47	56.55	-33.08	Neutral
Mode 2	Pass	AV	467.95k	19.10	46.55	-27.45	Neutral
Mode 2	Pass	QP	3.362M	17.09	56.00	-38.91	Neutral
Mode 2	Pass	AV	3.362M	14.98	46.00	-31.02	Neutral
Mode 2	Pass	QP	10.406M	21.95	60.00	-38.05	Neutral
Mode 2	Pass	AV	10.406M	18.96	50.00	-31.04	Neutral

Conducted Emissions at Powerline_Mode 1



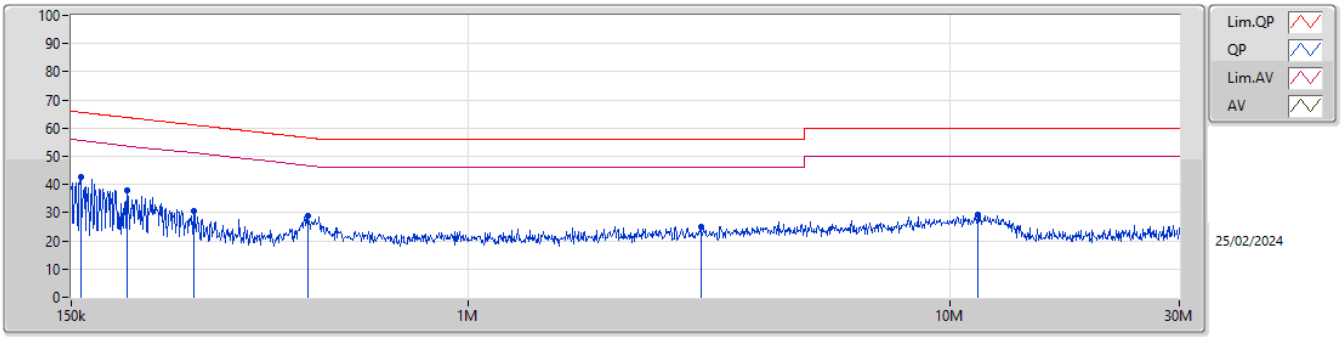
Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	151.202k	37.29	65.92	-28.63	19.40	Line	-	17.89	9.61	0.03	9.76
AV	151.202k	22.87	55.92	-33.05	19.40	Line	-	3.47	9.61	0.03	9.76
QP	212.287k	30.54	63.11	-32.57	19.33	Line	-	11.21	9.61	0.03	9.69
AV	212.287k	18.68	53.11	-34.43	19.33	Line	-	-0.65	9.61	0.03	9.69
QP	345.491k	16.44	59.08	-42.64	19.39	Line	-	-2.95	9.61	0.04	9.74
AV	345.491k	12.98	49.08	-36.10	19.39	Line	-	-6.41	9.61	0.04	9.74
QP	1.954M	16.16	56.00	-39.84	19.50	Line	-	-3.34	9.62	0.08	9.80
AV	1.954M	14.20	46.00	-31.80	19.50	Line	-	-5.30	9.62	0.08	9.80
QP	4.665M	20.63	56.00	-35.37	19.57	Line	-	1.06	9.64	0.14	9.79
AV	4.665M	16.89	46.00	-29.11	19.57	Line	-	-2.68	9.64	0.14	9.79
QP	5.196M	21.02	60.00	-38.98	19.58	Line	-	1.44	9.65	0.14	9.79
AV	5.196M	16.45	50.00	-33.55	19.58	Line	-	-3.13	9.65	0.14	9.79

Conducted Emissions at Powerline_Mode 1



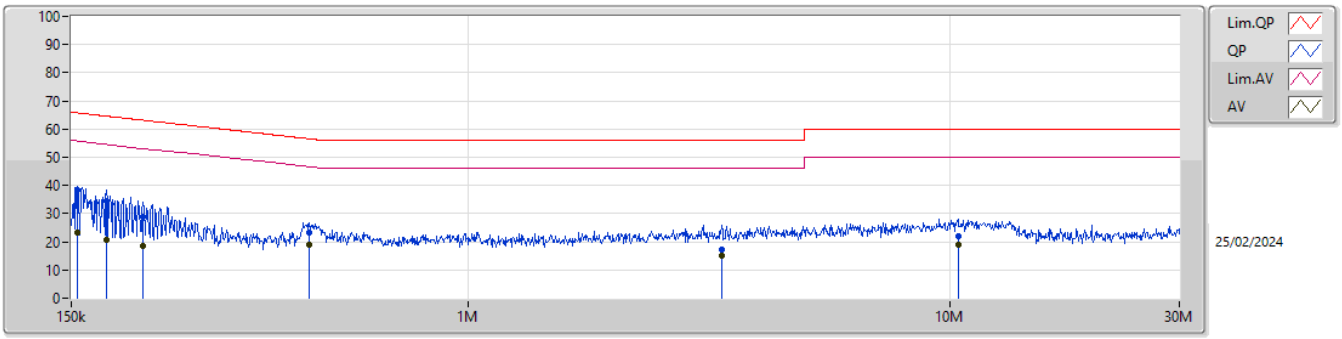
Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	165.743k	38.90	65.18	-26.28	19.38	Neutral	-	19.52	9.62	0.03	9.73
AV	165.743k	23.85	55.18	-31.33	19.38	Neutral	-	4.47	9.62	0.03	9.73
QP	182.408k	36.22	64.37	-28.15	19.35	Neutral	-	16.87	9.61	0.03	9.71
AV	182.408k	22.39	54.37	-31.98	19.35	Neutral	-	3.04	9.61	0.03	9.71
QP	228.103k	29.96	62.52	-32.56	19.34	Neutral	-	10.62	9.61	0.03	9.70
AV	228.103k	18.12	52.52	-34.40	19.34	Neutral	-	-1.22	9.61	0.03	9.70
QP	371.231k	25.38	58.47	-33.09	19.40	Neutral	-	5.98	9.61	0.04	9.75
AV	371.231k	22.00	48.47	-26.47	19.40	Neutral	-	2.60	9.61	0.04	9.75
QP	4.089M	24.47	56.00	-31.53	19.56	Neutral	-	4.91	9.64	0.13	9.79
AV	4.089M	19.45	46.00	-26.55	19.56	Neutral	-	-0.11	9.64	0.13	9.79
QP	7.745M	19.77	60.00	-40.23	19.64	Neutral	-	0.13	9.68	0.17	9.79
AV	7.745M	17.14	50.00	-32.86	19.64	Neutral	-	-2.50	9.68	0.17	9.79

Conducted Emissions at Powerline_Mode 2



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
PK	156.734k	42.50	65.64	-23.14	19.39	Line	-	23.11	9.61	0.03	9.75
PK	195.997k	37.74	63.78	-26.04	19.33	Line	-	18.41	9.61	0.03	9.69
PK	269.741k	30.48	61.12	-30.64	19.35	Line	-	11.13	9.61	0.03	9.71
PK	464.229k	29.09	56.61	-27.52	19.42	Line	-	9.67	9.61	0.04	9.77
PK	3.043M	25.19	56.00	-30.81	19.53	Line	-	5.66	9.63	0.11	9.79
PK	11.453M	29.44	60.00	-30.56	19.65	Line	-	9.79	9.65	0.20	9.80

Conducted Emissions at Powerline_Mode 2



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	154.251k	38.20	65.77	-27.57	19.40	Neutral	-	18.80	9.62	0.03	9.75
AV	154.251k	23.18	55.77	-32.59	19.40	Neutral	-	3.78	9.62	0.03	9.75
QP	177.381k	34.35	64.60	-30.25	19.35	Neutral	-	15.00	9.61	0.03	9.71
AV	177.381k	20.72	54.60	-33.88	19.35	Neutral	-	1.37	9.61	0.03	9.71
QP	211.442k	29.03	63.15	-34.12	19.33	Neutral	-	9.70	9.61	0.03	9.69
AV	211.442k	18.42	53.15	-34.73	19.33	Neutral	-	-0.91	9.61	0.03	9.69
QP	467.95k	23.47	56.55	-33.08	19.42	Neutral	-	4.05	9.61	0.04	9.77
AV	467.95k	19.10	46.55	-27.45	19.42	Neutral	-	-0.32	9.61	0.04	9.77
QP	3.362M	17.09	56.00	-38.91	19.55	Neutral	-	-2.46	9.64	0.12	9.79
AV	3.362M	14.98	46.00	-31.02	19.55	Neutral	-	-4.57	9.64	0.12	9.79
QP	10.406M	21.95	60.00	-38.05	19.67	Neutral	-	2.28	9.69	0.19	9.79
AV	10.406M	18.96	50.00	-31.04	19.67	Neutral	-	-0.71	9.69	0.19	9.79

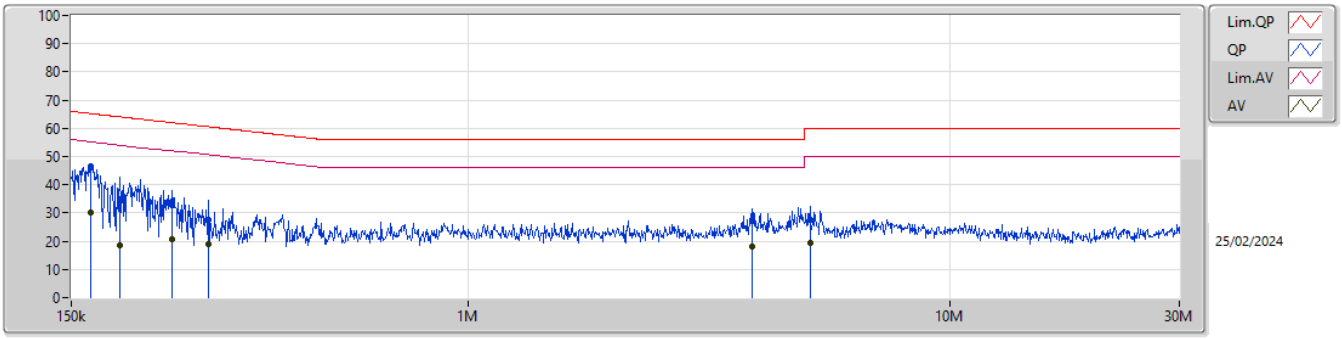
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	164.425k	46.53	65.24	-18.71	Line
Mode 2	Pass	AV	479.294k	25.67	46.34	-20.67	Line

Result

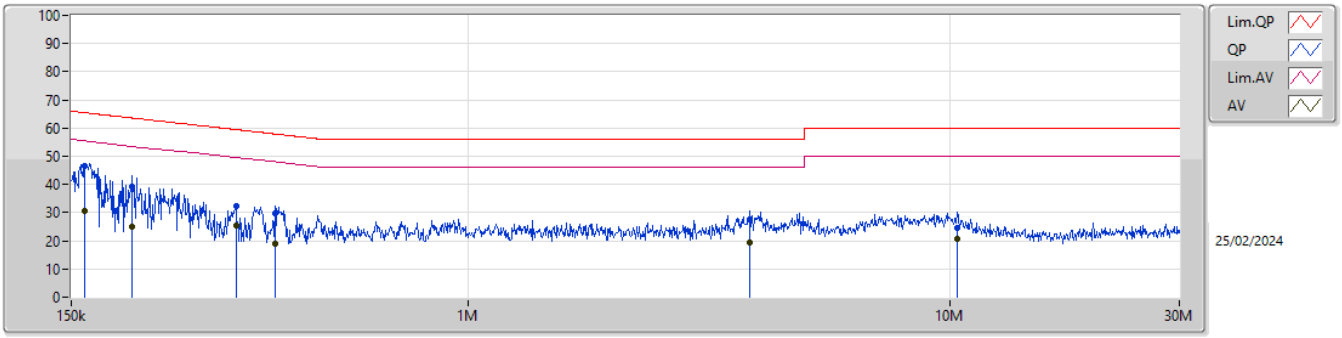
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	164.425k	46.53	65.24	-18.71	Line
Mode 1	Pass	AV	164.425k	30.31	55.24	-24.93	Line
Mode 1	Pass	QP	189.08k	34.98	64.07	-29.09	Line
Mode 1	Pass	AV	189.08k	18.51	54.07	-35.56	Line
Mode 1	Pass	QP	243.148k	32.73	61.98	-29.25	Line
Mode 1	Pass	AV	243.148k	20.90	51.98	-31.08	Line
Mode 1	Pass	QP	288.682k	27.79	60.57	-32.78	Line
Mode 1	Pass	AV	288.682k	19.02	50.57	-31.55	Line
Mode 1	Pass	QP	3.882M	27.32	56.00	-28.68	Line
Mode 1	Pass	AV	3.882M	18.10	46.00	-27.90	Line
Mode 1	Pass	QP	5.134M	27.44	60.00	-32.56	Line
Mode 1	Pass	AV	5.134M	19.51	50.00	-30.49	Line
Mode 1	Pass	QP	159.893k	46.72	65.46	-18.74	Neutral
Mode 1	Pass	AV	159.893k	30.77	55.46	-24.69	Neutral
Mode 1	Pass	QP	200.748k	39.01	63.57	-24.56	Neutral
Mode 1	Pass	AV	200.748k	25.07	53.57	-28.50	Neutral
Mode 1	Pass	QP	329.331k	32.20	59.46	-27.26	Neutral
Mode 1	Pass	AV	329.331k	25.62	49.46	-23.84	Neutral
Mode 1	Pass	QP	397.299k	29.76	57.91	-28.15	Neutral
Mode 1	Pass	AV	397.299k	19.02	47.91	-28.89	Neutral
Mode 1	Pass	QP	3.851M	27.53	56.00	-28.47	Neutral
Mode 1	Pass	AV	3.851M	19.53	46.00	-26.47	Neutral
Mode 1	Pass	QP	10.365M	24.61	60.00	-35.39	Neutral
Mode 1	Pass	AV	10.365M	20.56	50.00	-29.44	Neutral
Mode 2	Pass	QP	156.109k	39.05	65.67	-26.62	Line
Mode 2	Pass	AV	156.109k	23.30	55.67	-32.37	Line
Mode 2	Pass	QP	185.344k	34.77	64.24	-29.47	Line
Mode 2	Pass	AV	185.344k	20.16	54.24	-34.08	Line
Mode 2	Pass	QP	228.103k	30.30	62.52	-32.22	Line
Mode 2	Pass	AV	228.103k	18.10	52.52	-34.42	Line
Mode 2	Pass	QP	252.043k	25.29	61.70	-36.41	Line
Mode 2	Pass	AV	252.043k	16.09	51.70	-35.61	Line
Mode 2	Pass	QP	479.294k	29.51	56.34	-26.83	Line
Mode 2	Pass	AV	479.294k	25.67	46.34	-20.67	Line
Mode 2	Pass	QP	11.919M	23.54	60.00	-36.46	Line
Mode 2	Pass	AV	11.919M	19.72	50.00	-30.28	Line
Mode 2	Pass	QP	165.082k	37.83	65.20	-27.37	Neutral
Mode 2	Pass	AV	165.082k	22.23	55.20	-32.97	Neutral
Mode 2	Pass	QP	204.796k	31.04	63.42	-32.38	Neutral
Mode 2	Pass	AV	204.796k	19.51	53.42	-33.91	Neutral
Mode 2	Pass	QP	232.702k	27.56	62.35	-34.79	Neutral
Mode 2	Pass	AV	232.702k	17.11	52.35	-35.24	Neutral
Mode 2	Pass	QP	479.294k	29.53	56.34	-26.81	Neutral
Mode 2	Pass	AV	479.294k	25.63	46.34	-20.71	Neutral
Mode 2	Pass	QP	3.851M	18.28	56.00	-37.72	Neutral
Mode 2	Pass	AV	3.851M	15.29	46.00	-30.71	Neutral
Mode 2	Pass	QP	12.404M	23.44	60.00	-36.56	Neutral
Mode 2	Pass	AV	12.404M	19.42	50.00	-30.58	Neutral

Conducted Emissions at Powerline_Mode 1



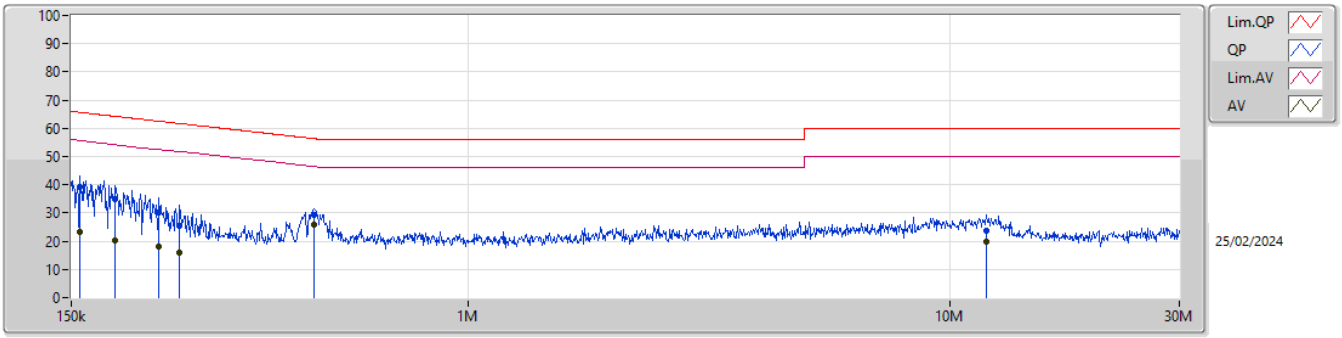
Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	164.425k	46.53	65.24	-18.71	19.37	Line	-	27.16	9.61	0.03	9.73
AV	164.425k	30.31	55.24	-24.93	19.37	Line	-	10.94	9.61	0.03	9.73
QP	189.08k	34.98	64.07	-29.09	19.34	Line	-	15.64	9.61	0.03	9.70
AV	189.08k	18.51	54.07	-35.56	19.34	Line	-	-0.83	9.61	0.03	9.70
QP	243.148k	32.73	61.98	-29.25	19.34	Line	-	13.39	9.61	0.03	9.70
AV	243.148k	20.90	51.98	-31.08	19.34	Line	-	1.56	9.61	0.03	9.70
QP	288.682k	27.79	60.57	-32.78	19.37	Line	-	8.42	9.61	0.04	9.72
AV	288.682k	19.02	50.57	-31.55	19.37	Line	-	-0.35	9.61	0.04	9.72
QP	3.882M	27.32	56.00	-28.68	19.56	Line	-	7.76	9.64	0.13	9.79
AV	3.882M	18.10	46.00	-27.90	19.56	Line	-	-1.46	9.64	0.13	9.79
QP	5.134M	27.44	60.00	-32.56	19.58	Line	-	7.86	9.65	0.14	9.79
AV	5.134M	19.51	50.00	-30.49	19.58	Line	-	-0.07	9.65	0.14	9.79

Conducted Emissions at Powerline_Mode 1



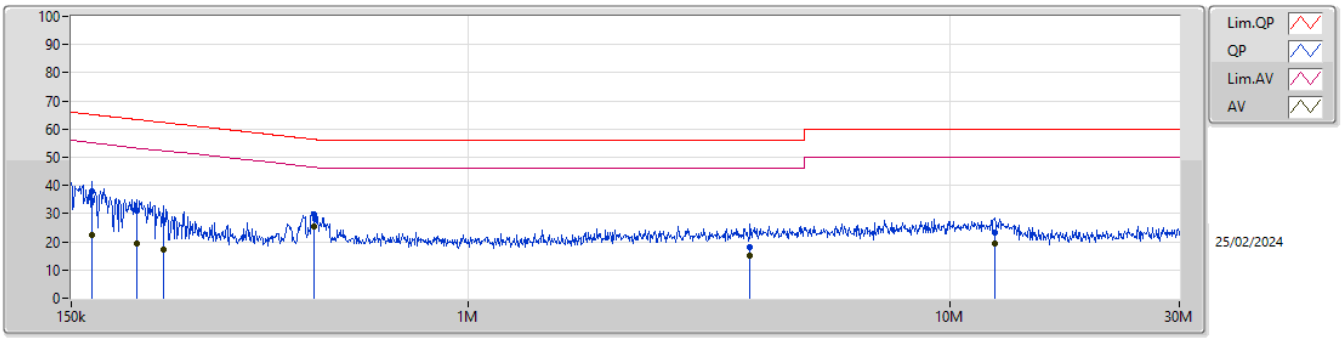
Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	159.893k	46.72	65.46	-18.74	19.39	Neutral	-	27.33	9.62	0.03	9.74
AV	159.893k	30.77	55.46	-24.69	19.39	Neutral	-	11.38	9.62	0.03	9.74
QP	200.748k	39.01	63.57	-24.56	19.32	Neutral	-	19.69	9.61	0.03	9.68
AV	200.748k	25.07	53.57	-28.50	19.32	Neutral	-	5.75	9.61	0.03	9.68
QP	329.331k	32.20	59.46	-27.26	19.39	Neutral	-	12.81	9.61	0.04	9.74
AV	329.331k	25.62	49.46	-23.84	19.39	Neutral	-	6.23	9.61	0.04	9.74
QP	397.299k	29.76	57.91	-28.15	19.41	Neutral	-	10.35	9.61	0.04	9.76
AV	397.299k	19.02	47.91	-28.89	19.41	Neutral	-	-0.39	9.61	0.04	9.76
QP	3.851M	27.53	56.00	-28.47	19.56	Neutral	-	7.97	9.64	0.13	9.79
AV	3.851M	19.53	46.00	-26.47	19.56	Neutral	-	-0.03	9.64	0.13	9.79
QP	10.365M	24.61	60.00	-35.39	19.67	Neutral	-	4.94	9.69	0.19	9.79
AV	10.365M	20.56	50.00	-29.44	19.67	Neutral	-	0.89	9.69	0.19	9.79

Conducted Emissions at Powerline_Mode 2



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	156.109k	39.05	65.67	-26.62	19.39	Line	-	19.66	9.61	0.03	9.75
AV	156.109k	23.30	55.67	-32.37	19.39	Line	-	3.91	9.61	0.03	9.75
QP	185.344k	34.77	64.24	-29.47	19.34	Line	-	15.43	9.61	0.03	9.70
AV	185.344k	20.16	54.24	-34.08	19.34	Line	-	0.82	9.61	0.03	9.70
QP	228.103k	30.30	62.52	-32.22	19.34	Line	-	10.96	9.61	0.03	9.70
AV	228.103k	18.10	52.52	-34.42	19.34	Line	-	-1.24	9.61	0.03	9.70
QP	252.043k	25.29	61.70	-36.41	19.35	Line	-	5.94	9.61	0.03	9.71
AV	252.043k	16.09	51.70	-35.61	19.35	Line	-	-3.26	9.61	0.03	9.71
QP	479.294k	29.51	56.34	-26.83	19.42	Line	-	10.09	9.61	0.04	9.77
AV	479.294k	25.67	46.34	-20.67	19.42	Line	-	6.25	9.61	0.04	9.77
QP	11.919M	23.54	60.00	-36.46	19.66	Line	-	3.88	9.64	0.21	9.81
AV	11.919M	19.72	50.00	-30.28	19.66	Line	-	0.06	9.64	0.21	9.81

Conducted Emissions at Powerline_Mode 2



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	165.082k	37.83	65.20	-27.37	19.38	Neutral	-	18.45	9.62	0.03	9.73
AV	165.082k	22.23	55.20	-32.97	19.38	Neutral	-	2.85	9.62	0.03	9.73
QP	204.796k	31.04	63.42	-32.38	19.32	Neutral	-	11.72	9.61	0.03	9.68
AV	204.796k	19.51	53.42	-33.91	19.32	Neutral	-	0.19	9.61	0.03	9.68
QP	232.702k	27.56	62.35	-34.79	19.34	Neutral	-	8.22	9.61	0.03	9.70
AV	232.702k	17.11	52.35	-35.24	19.34	Neutral	-	-2.23	9.61	0.03	9.70
QP	479.294k	29.53	56.34	-26.81	19.42	Neutral	-	10.11	9.61	0.04	9.77
AV	479.294k	25.63	46.34	-20.71	19.42	Neutral	-	6.21	9.61	0.04	9.77
QP	3.851M	18.28	56.00	-37.72	19.56	Neutral	-	-1.28	9.64	0.13	9.79
AV	3.851M	15.29	46.00	-30.71	19.56	Neutral	-	-4.27	9.64	0.13	9.79
QP	12.404M	23.44	60.00	-36.56	19.71	Neutral	-	3.73	9.69	0.21	9.81
AV	12.404M	19.42	50.00	-30.58	19.71	Neutral	-	-0.29	9.69	0.21	9.81

Summary

Mode	20dB (Hz)	Fl-20dB (Hz)	Fh-20dB (Hz)	OBW (Hz)	Limit (Range)
13.553-13.567MHz	-	-	-	-	-
NFC	2.581k	13.55917M	13.56175M	2.239k	13.553-13.567

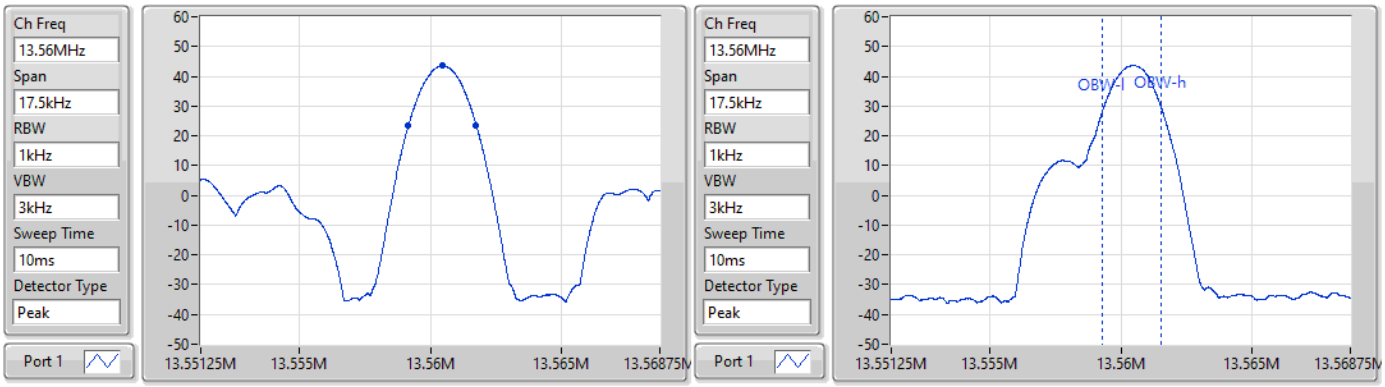
Result

Mode	Result	20dB (Hz)	Fl-20dB (Hz)	Fh-20dB (Hz)	OBW (Hz)	Fl-OBW (Hz)	Fh-OBW (Hz)	Limit (Range)
NFC	-	-	-	-	-	-	-	-
13.56MHz_TnomVnom	Pass	2.581k	13.55917M	13.56175M	2.239k	13.55931M	13.56155M	13.553-13.567

NFC **EBW**

13.56MHz_TnomVnom

02/03/2024



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Range)
2.581k	13.55917M	13.56175M	2.239k	13.55931M	13.56155M	13.553-13.56

Summary

Mode	20dB (Hz)	Fl-20dB (Hz)	Fh-20dB (Hz)	OBW (Hz)	Limit (Range)
13.553-13.567MHz	-	-	-	-	-
NFC	2.581k	13.55917M	13.56175M	2.204k	13.553-13.567

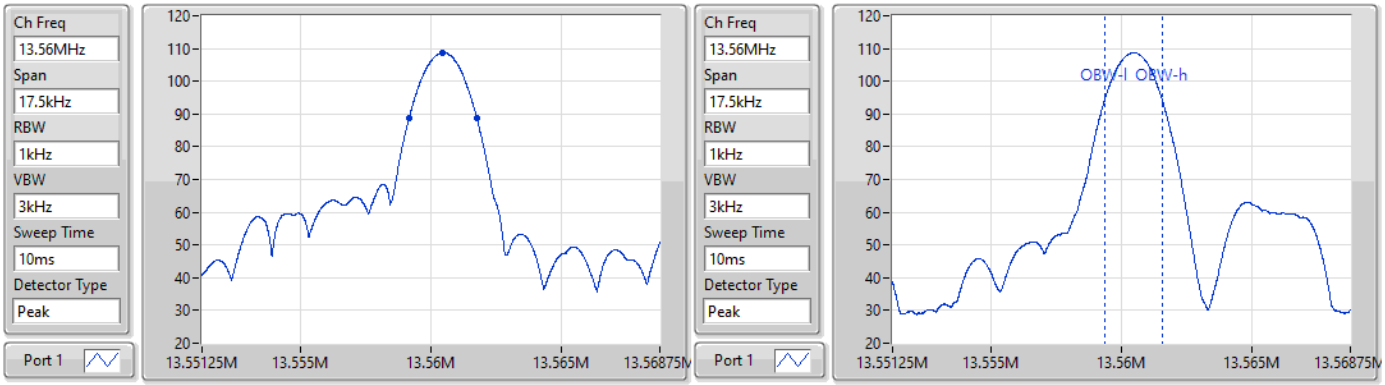
Result

Mode	Result	20dB (Hz)	Fl-20dB (Hz)	Fh-20dB (Hz)	OBW (Hz)	Fl-OBW (Hz)	Fh-OBW (Hz)	Limit (Range)
NFC	-	-	-	-	-	-	-	-
13.56MHz_TnomVnom	Pass	2.581k	13.55917M	13.56175M	2.204k	13.55935M	13.56156M	13.553-13.567

NFC **EBW**

13.56MHz_TnomVnom

02/03/2024



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Range)
2.581k	13.55917M	13.56175M	2.204k	13.55935M	13.56156M	13.553-13.56

Summary

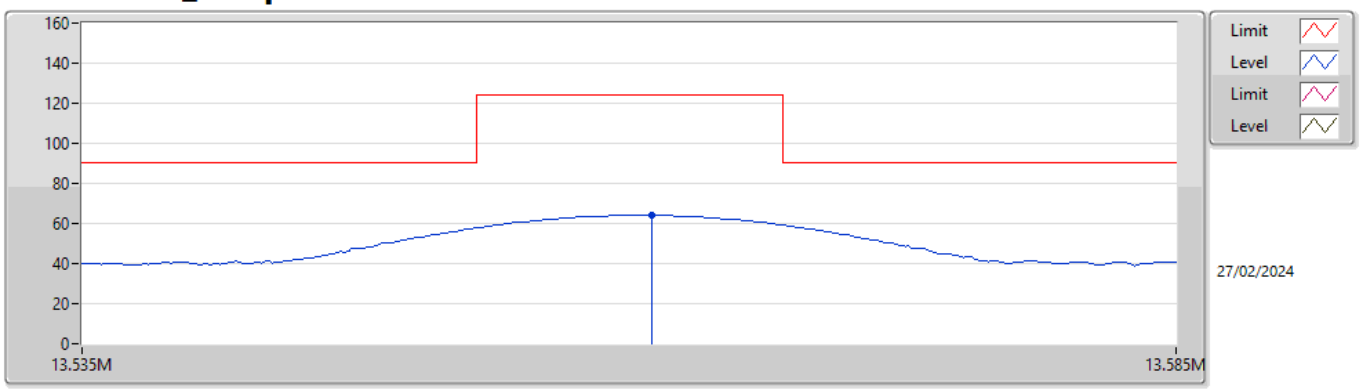
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Azimuth (°)	Height (m)
13.56M	-	-	-	-	-	-	-	-	-
NFC	Pass	PK	2.001M	47.80	69.50	-21.70	3	0	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Azimuth (°)	Height (m)
NFC	-	-	-	-	-	-	-	-	-
13.56MHz_Adapter1	Pass	PK	13.561M	64.05	124.00	-59.95	3	209	1.00
13.56MHz_Adapter1	Pass	PK	20.562k	60.07	141.34	-81.27	3	360	1.00
13.56MHz_Adapter1	Pass	PK	43.968k	52.03	134.74	-82.71	3	360	1.00
13.56MHz_Adapter1	Pass	PK	99.24k	50.41	107.66	-57.25	3	360	1.00
13.56MHz_Adapter1	Pass	PK	209.7k	45.50	121.16	-75.66	3	0	1.00
13.56MHz_Adapter1	Pass	PK	2.001M	47.80	69.50	-21.70	3	0	1.00
13.56MHz_Adapter1	Pass	PK	6.717M	41.75	69.50	-27.75	3	0	1.00
13.56MHz_Adapter2	Pass	PK	13.56M	60.30	124.00	-63.70	3	0	1.00
13.56MHz_Adapter2	Pass	PK	20.28k	46.96	141.46	-94.50	3	360	1.00
13.56MHz_Adapter2	Pass	PK	35.226k	53.40	136.66	-83.26	3	360	1.00
13.56MHz_Adapter2	Pass	PK	44.814k	48.52	134.58	-86.06	3	360	1.00
13.56MHz_Adapter2	Pass	PK	269.4k	47.34	119.00	-71.66	3	0	1.00
13.56MHz_Adapter2	Pass	PK	1.105M	44.64	66.77	-22.13	3	0	1.00
13.56MHz_Adapter2	Pass	PK	5.344M	41.49	69.50	-28.01	3	0	1.00

NFC

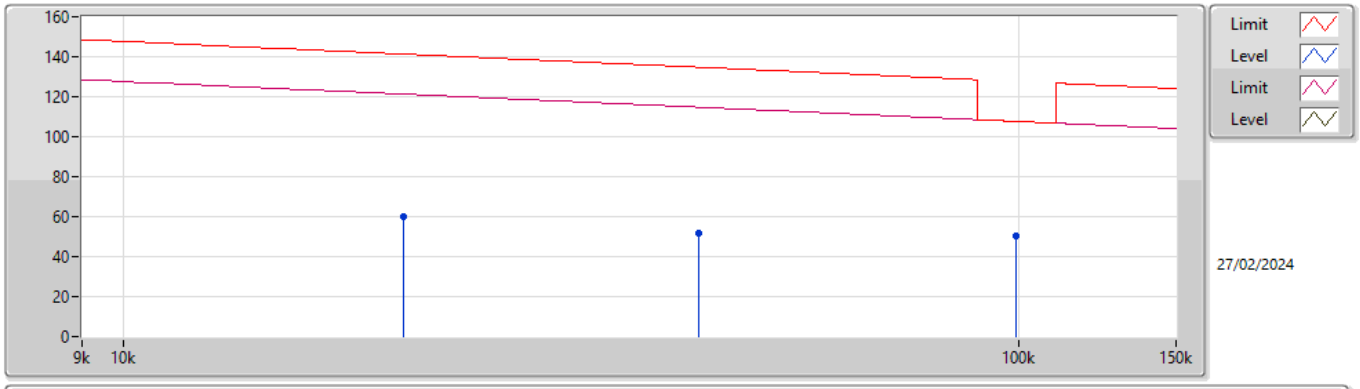
13.56MHz_Adapter1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBm)	(dB)	(dB)	(dB)
PK	13.561M	64.05	124.00	-59.95	23.12	3	Horizontal	209	1.00	40.93	22.20	0.92	-

NFC

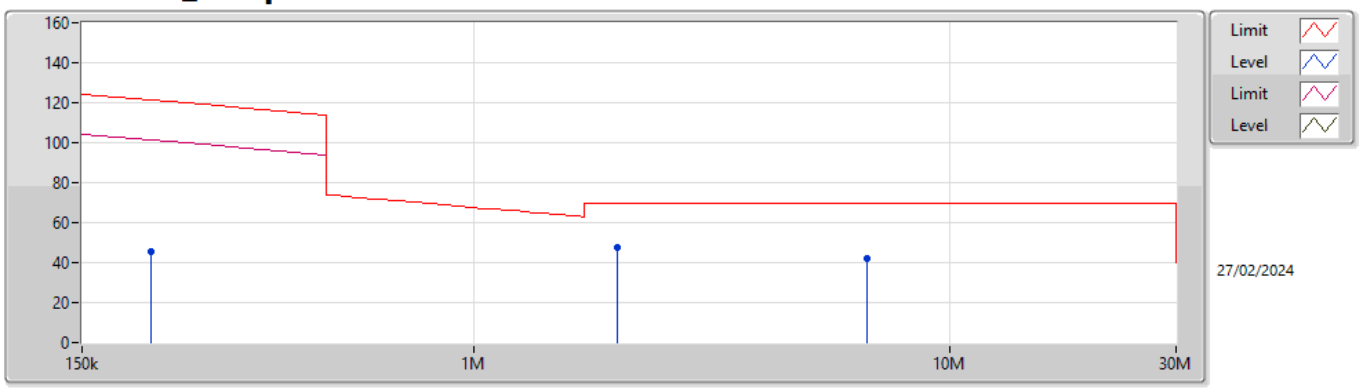
13.56MHz_Adapter1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBm)	(dB)	(dB)	(dB)
PK	20.562k	60.07	141.34	-81.27	20.91	3	Horizontal	360	1.00	39.16	20.82	0.09	-
PK	43.968k	52.03	134.74	-82.71	20.50	3	Horizontal	360	1.00	31.53	20.37	0.13	-
PK	99.24k	50.41	107.66	-57.25	19.76	3	Horizontal	360	1.00	30.65	19.59	0.17	-

NFC

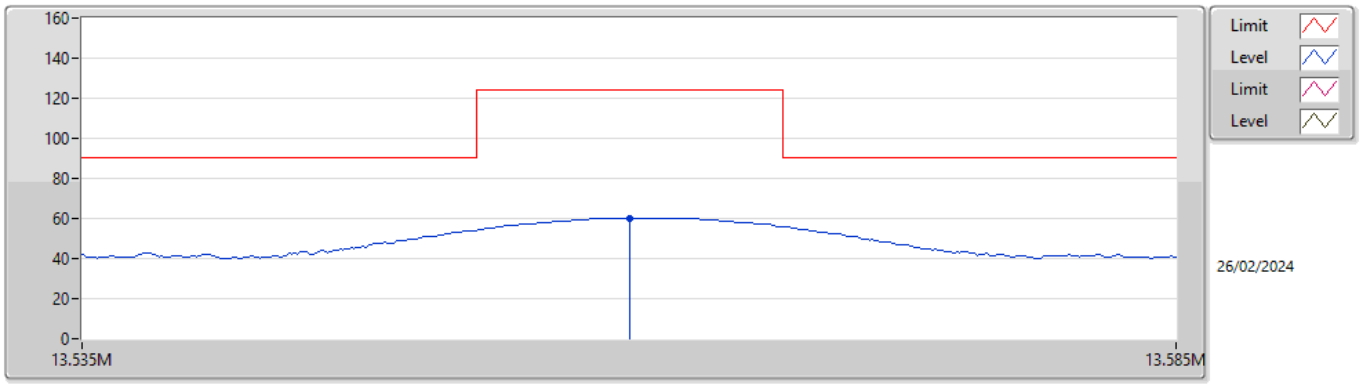
13.56MHz_Adapter1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBm)	(dB)	(dB)	(dB)
PK	209.7k	45.50	121.16	-75.66	20.20	3	Horizontal	0	1.00	25.30	20.01	0.19	-
PK	2.001M	47.80	69.50	-21.70	20.13	3	Horizontal	0	1.00	27.67	19.70	0.43	-
PK	6.717M	41.75	69.50	-27.75	22.23	3	Horizontal	0	1.00	19.52	21.57	0.66	-

NFC

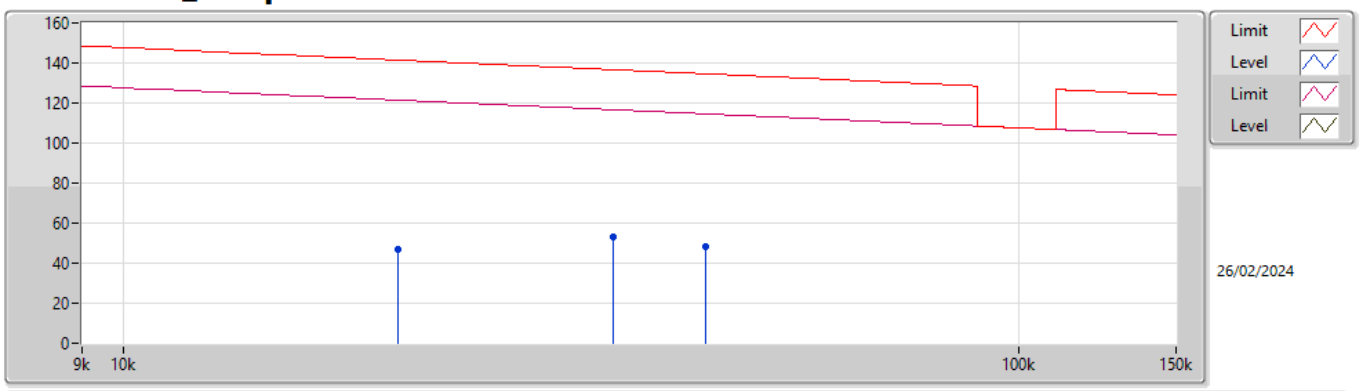
13.56MHz_Adapter2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBm)	(dB)	(dB)	(dB)
PK	13.56M	60.30	124.00	-63.70	23.12	3	Horizontal	0	1.00	37.18	22.20	0.92	-

NFC

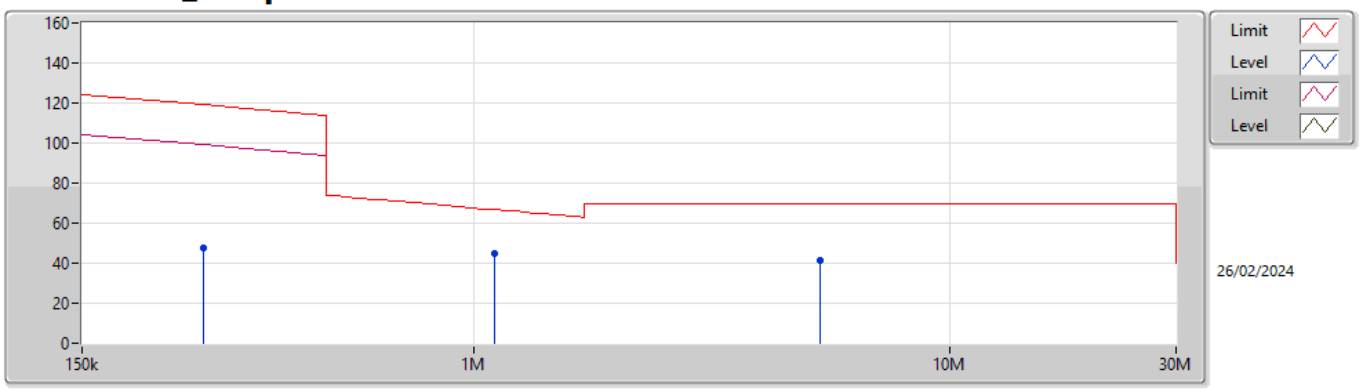
13.56MHz_Adapter2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBm)	(dB)	(dB)	(dB)
PK	20.28k	46.96	141.46	-94.50	20.90	3	Horizontal	360	1.00	26.06	20.81	0.09	-
PK	35.226k	53.40	136.66	-83.26	20.72	3	Horizontal	360	1.00	32.68	20.60	0.12	-
PK	44.814k	48.52	134.58	-86.06	20.53	3	Horizontal	360	1.00	27.99	20.40	0.13	-

NFC

13.56MHz_Adapter2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBm)	(dB)	(dB)	(dB)
PK	269.4k	47.34	119.00	-71.66	20.28	3	Horizontal	0	1.00	27.06	20.07	0.21	-
PK	1.105M	44.64	66.77	-22.13	20.31	3	Horizontal	0	1.00	24.33	19.96	0.35	-
PK	5.344M	41.49	69.50	-28.01	21.25	3	Horizontal	0	1.00	20.24	20.68	0.57	-

Summary

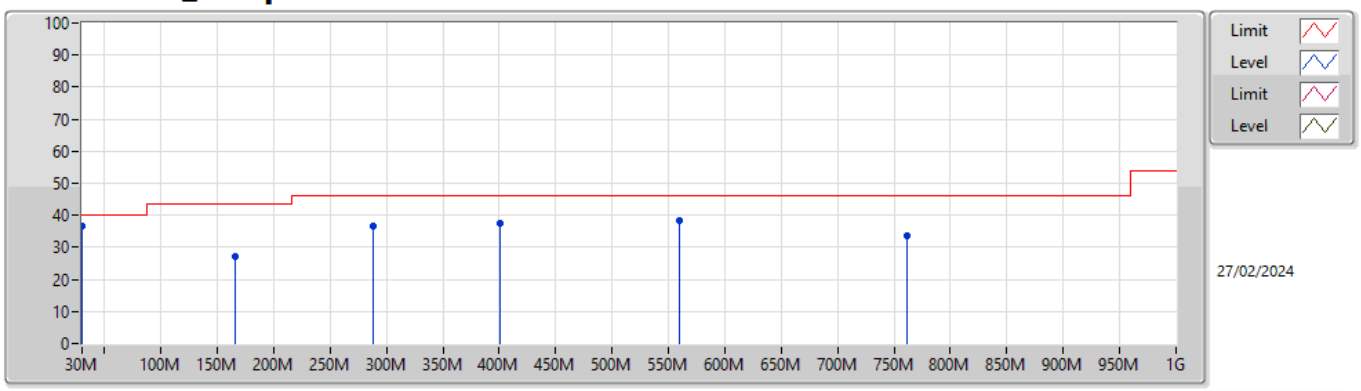
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Azimuth (°)	Height (m)
13.553-13.567MHz	-	-	-	-	-	-	-	-	-
NFC	Pass	PK	30M	36.89	40.00	-3.11	3	0	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Azimuth (°)	Height (m)
NFC	-	-	-	-	-	-	-	-	-
13.56MHz_Adapter1	Pass	PK	30M	36.44	40.00	-3.56	3	0	1.00
13.56MHz_Adapter1	Pass	PK	165.8M	26.98	43.50	-16.52	3	0	1.00
13.56MHz_Adapter1	Pass	PK	288.02M	36.58	46.00	-9.42	3	0	1.00
13.56MHz_Adapter1	Pass	PK	400.54M	37.38	46.00	-8.62	3	0	1.00
13.56MHz_Adapter1	Pass	PK	559.62M	38.30	46.00	-7.70	3	0	1.00
13.56MHz_Adapter1	Pass	PK	761.38M	33.57	46.00	-12.43	3	0	1.00
13.56MHz_Adapter1	Pass	PK	39.7M	29.52	40.00	-10.48	3	360	1.00
13.56MHz_Adapter1	Pass	PK	239.52M	32.83	46.00	-13.17	3	360	1.00
13.56MHz_Adapter1	Pass	PK	288.02M	39.57	46.00	-6.43	3	360	1.00
13.56MHz_Adapter1	Pass	PK	400.54M	37.32	46.00	-8.68	3	360	1.00
13.56MHz_Adapter1	Pass	PK	559.62M	35.01	46.00	-10.99	3	360	1.00
13.56MHz_Adapter1	Pass	PK	722.58M	41.27	46.00	-4.73	3	360	1.00
13.56MHz_Adapter2	Pass	PK	30M	36.89	40.00	-3.11	3	0	1.00
13.56MHz_Adapter2	Pass	PK	55.22M	34.08	40.00	-5.92	3	0	1.00
13.56MHz_Adapter2	Pass	PK	288.02M	36.65	46.00	-9.35	3	0	1.00
13.56MHz_Adapter2	Pass	PK	400.54M	36.81	46.00	-9.19	3	0	1.00
13.56MHz_Adapter2	Pass	PK	559.62M	37.51	46.00	-8.49	3	0	1.00
13.56MHz_Adapter2	Pass	PK	718.7M	41.74	46.00	-4.26	3	0	1.00
13.56MHz_Adapter2	Pass	PK	41.64M	32.85	40.00	-7.15	3	360	1.00
13.56MHz_Adapter2	Pass	PK	130.88M	30.84	43.50	-12.66	3	360	1.00
13.56MHz_Adapter2	Pass	PK	288.02M	39.99	46.00	-6.01	3	360	1.00
13.56MHz_Adapter2	Pass	PK	400.54M	37.43	46.00	-8.57	3	360	1.00
13.56MHz_Adapter2	Pass	PK	559.62M	36.92	46.00	-9.08	3	360	1.00
13.56MHz_Adapter2	Pass	PK	881.66M	41.78	46.00	-4.22	3	360	1.00

NFC

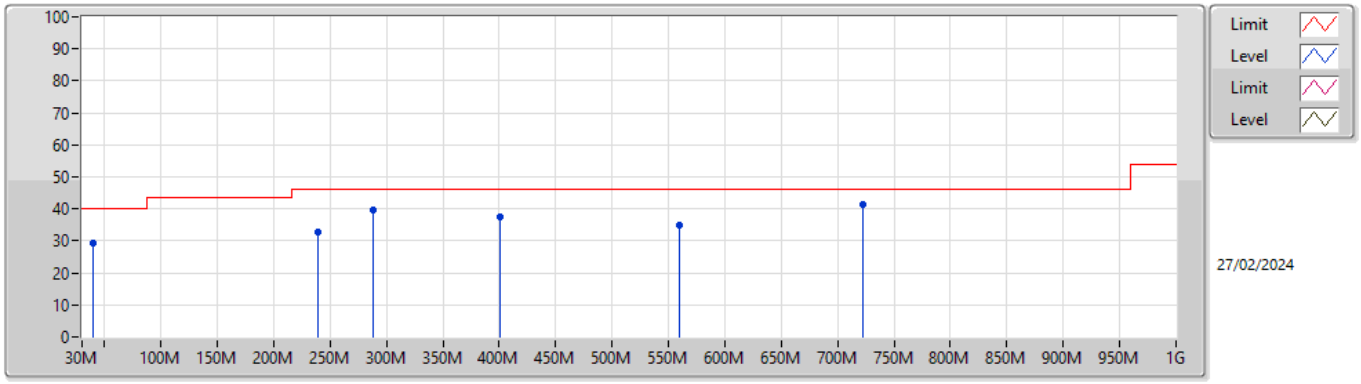
13.56MHz_Adapter1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBm)	(dB)	(dB)	(dB)
PK	30M	36.44	40.00	-3.56	-3.19	3	Vertical	0	1.00	39.63	22.98	1.23	27.40
PK	165.8M	26.98	43.50	-16.52	-10.06	3	Vertical	0	1.00	37.04	14.98	2.61	27.65
PK	288.02M	36.58	46.00	-9.42	-5.72	3	Vertical	0	1.00	42.30	17.99	3.56	27.27
PK	400.54M	37.38	46.00	-8.62	-2.73	3	Vertical	0	1.00	40.11	20.96	4.23	27.92
PK	559.62M	38.30	46.00	-7.70	0.61	3	Vertical	0	1.00	37.69	24.01	5.26	28.66
PK	761.38M	33.57	46.00	-12.43	2.73	3	Vertical	0	1.00	30.84	24.87	6.19	28.33

NFC

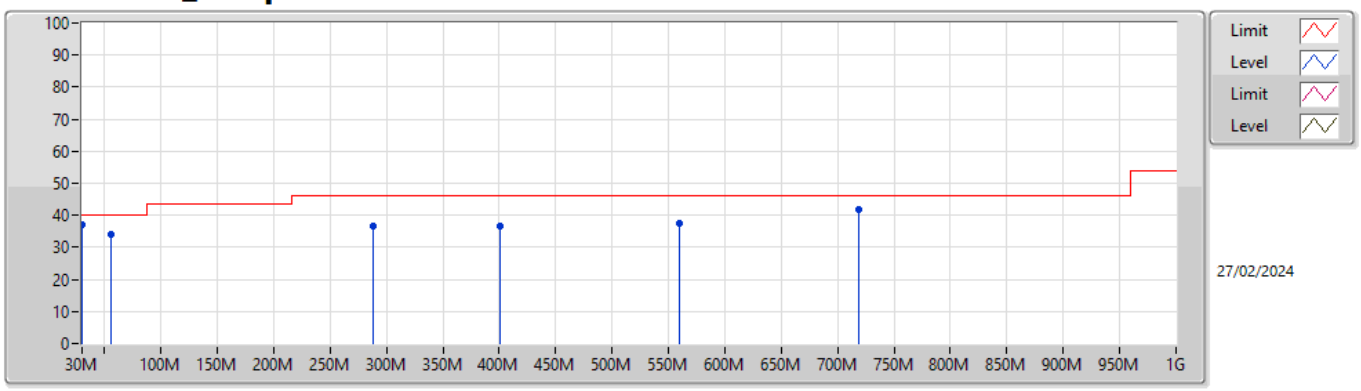
13.56MHz_Adapter1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBm)	(dB)	(dB)	(dB)
PK	39.7M	29.52	40.00	-10.48	-7.18	3	Horizontal	360	1.00	36.70	18.14	1.38	26.70
PK	239.52M	32.83	46.00	-13.17	-7.65	3	Horizontal	360	1.00	40.48	16.45	3.17	27.27
PK	288.02M	39.57	46.00	-6.43	-5.72	3	Horizontal	360	1.00	45.29	17.99	3.56	27.27
PK	400.54M	37.32	46.00	-8.68	-2.73	3	Horizontal	360	1.00	40.05	20.96	4.23	27.92
PK	559.62M	35.01	46.00	-10.99	0.61	3	Horizontal	360	1.00	34.40	24.01	5.26	28.66
PK	722.58M	41.27	46.00	-4.73	1.90	3	Horizontal	360	1.00	39.37	24.24	6.02	28.36

NFC

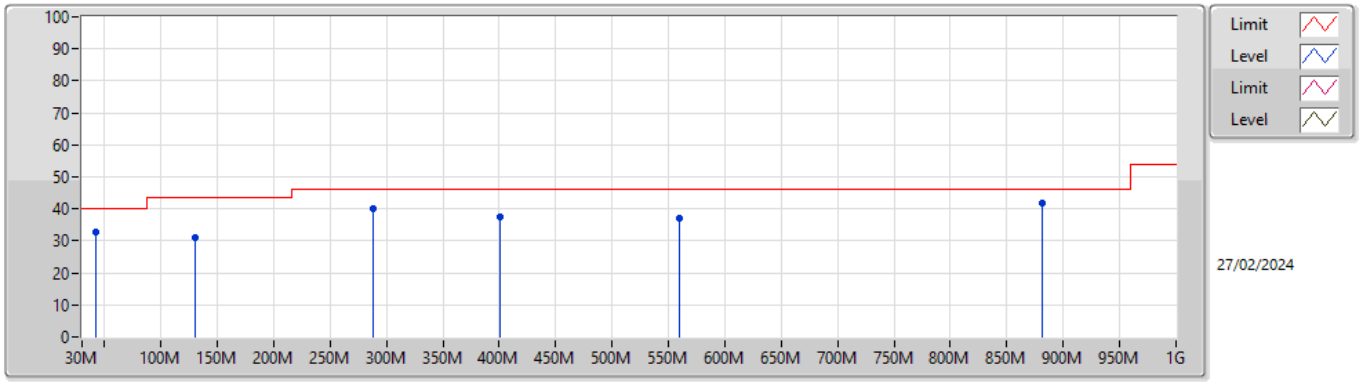
13.56MHz_Adapter2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBm)	(dB)	(dB)	(dB)
PK	30M	36.89	40.00	-3.11	-3.19	3	Vertical	0	1.00	40.08	22.98	1.23	27.40
PK	55.22M	34.08	40.00	-5.92	-13.50	3	Vertical	0	1.00	47.58	12.05	1.62	27.17
PK	288.02M	36.65	46.00	-9.35	-5.72	3	Vertical	0	1.00	42.37	17.99	3.56	27.27
PK	400.54M	36.81	46.00	-9.19	-2.73	3	Vertical	0	1.00	39.54	20.96	4.23	27.92
PK	559.62M	37.51	46.00	-8.49	0.61	3	Vertical	0	1.00	36.90	24.01	5.26	28.66
PK	718.7M	41.74	46.00	-4.26	1.75	3	Vertical	0	1.00	39.99	24.11	6.01	28.37

NFC

13.56MHz_Adapter2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBm)	(dB)	(dB)	(dB)
PK	41.64M	32.85	40.00	-7.15	-7.91	3	Horizontal	360	1.00	40.76	17.36	1.41	26.68
PK	130.88M	30.84	43.50	-12.66	-8.42	3	Horizontal	360	1.00	39.26	17.05	2.32	27.79
PK	288.02M	39.99	46.00	-6.01	-5.72	3	Horizontal	360	1.00	45.71	17.99	3.56	27.27
PK	400.54M	37.43	46.00	-8.57	-2.73	3	Horizontal	360	1.00	40.16	20.96	4.23	27.92
PK	559.62M	36.92	46.00	-9.08	0.61	3	Horizontal	360	1.00	36.31	24.01	5.26	28.66
PK	881.66M	41.78	46.00	-4.22	4.07	3	Horizontal	360	1.00	37.71	25.41	6.58	27.92

Summary

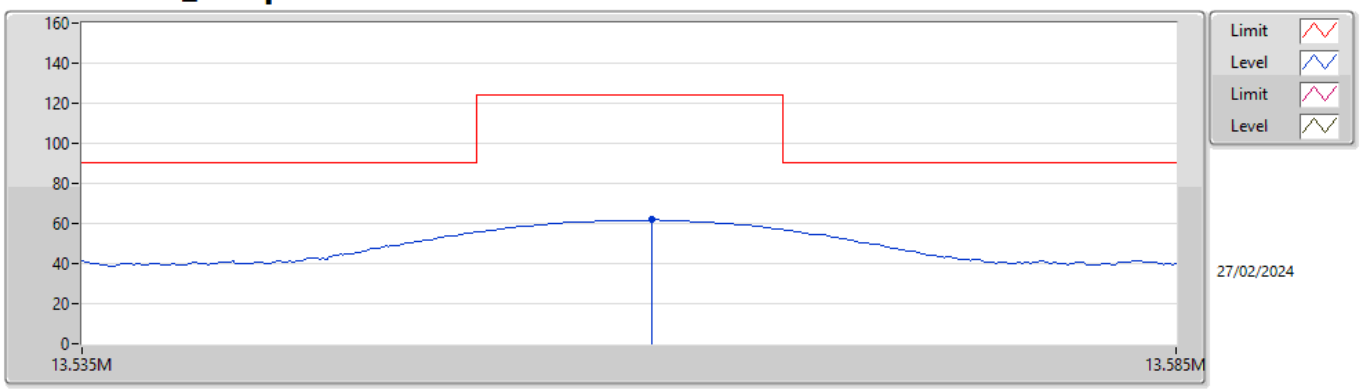
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Azimuth (°)	Height (m)
13.56M	-	-	-	-	-	-	-	-	-
NFC	Pass	PK	1.881M	53.61	69.50	-15.89	3	0	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Azimuth (°)	Height (m)
NFC	-	-	-	-	-	-	-	-	-
13.56MHz_Adapter1	Pass	PK	13.561M	61.76	124.00	-62.24	3	30	1.00
13.56MHz_Adapter1	Pass	PK	25.638k	52.86	139.42	-86.56	3	360	1.00
13.56MHz_Adapter1	Pass	PK	51.864k	56.99	133.30	-76.31	3	360	1.00
13.56MHz_Adapter1	Pass	PK	99.24k	52.57	107.66	-55.09	3	360	1.00
13.56MHz_Adapter1	Pass	PK	490k	48.19	113.80	-65.61	3	0	1.00
13.56MHz_Adapter1	Pass	PK	1.881M	53.61	69.50	-15.89	3	0	1.00
13.56MHz_Adapter1	Pass	PK	2.896M	42.59	69.50	-26.91	3	0	1.00
13.56MHz_Adapter2	Pass	PK	13.561M	60.91	124.00	-63.09	3	360	1.00
13.56MHz_Adapter2	Pass	PK	35.226k	53.67	136.66	-82.99	3	0	1.00
13.56MHz_Adapter2	Pass	PK	20.28k	47.80	141.46	-93.66	3	0	1.00
13.56MHz_Adapter2	Pass	PK	49.89k	42.24	133.64	-91.40	3	0	1.00
13.56MHz_Adapter2	Pass	PK	209.7k	46.67	121.16	-74.49	3	360	1.00
13.56MHz_Adapter2	Pass	PK	1.225M	44.48	65.87	-21.39	3	360	1.00
13.56MHz_Adapter2	Pass	PK	5.344M	41.35	69.50	-28.15	3	360	1.00

NFC

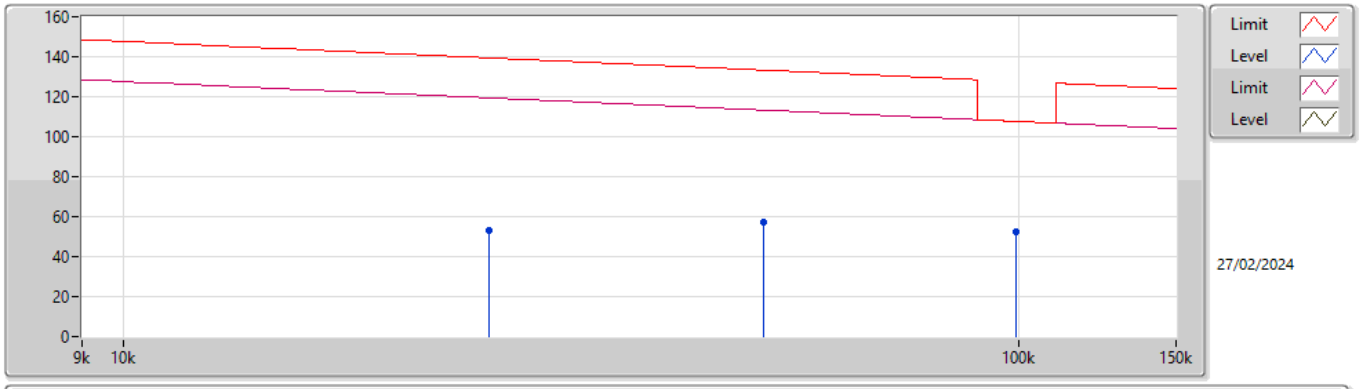
13.56MHz_Adapter1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBm)	(dB)	(dB)	(dB)
PK	13.561M	61.76	124.00	-62.24	23.12	3	Horizontal	30	1.00	38.64	22.20	0.92	-

NFC

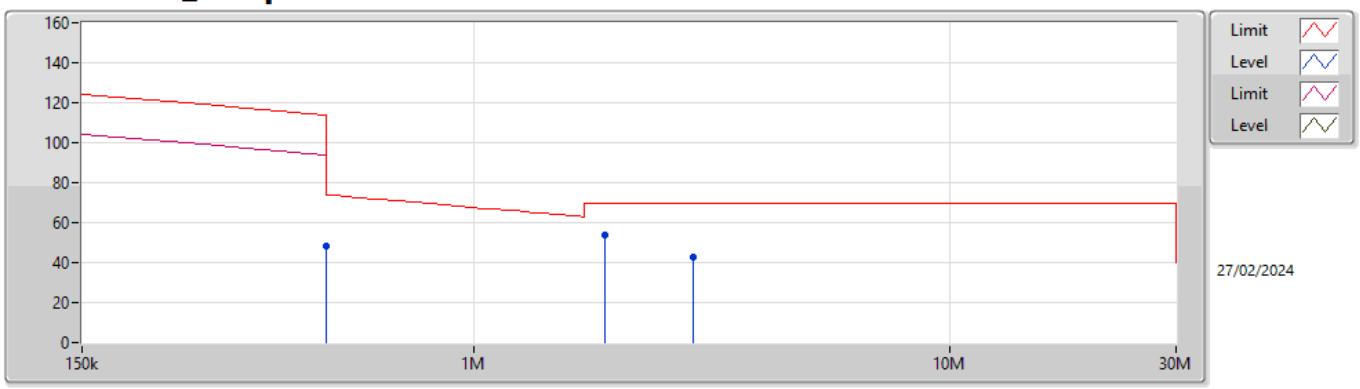
13.56MHz_Adapter1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBm)	(dB)	(dB)	(dB)
PK	25.638k	52.86	139.42	-86.56	21.08	3	Horizontal	360	1.00	31.78	20.98	0.10	-
PK	51.864k	56.99	133.30	-76.31	20.54	3	Horizontal	360	1.00	36.45	20.40	0.14	-
PK	99.24k	52.57	107.66	-55.09	19.76	3	Horizontal	360	1.00	32.81	19.59	0.17	-

NFC

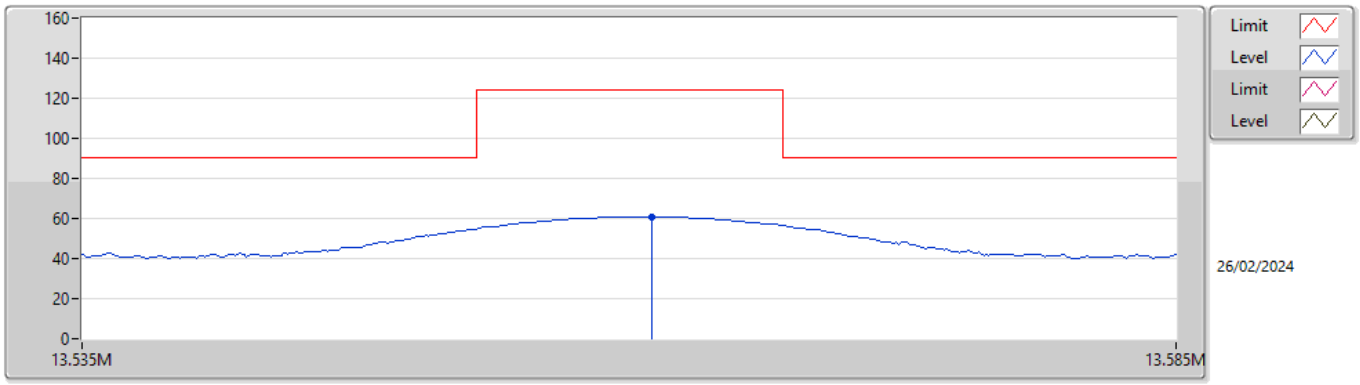
13.56MHz_Adapter1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBm)	(dB)	(dB)	(dB)
PK	490k	48.19	113.80	-65.61	20.56	3	Horizontal	0	1.00	27.63	20.31	0.25	-
PK	1.881M	53.61	69.50	-15.89	20.15	3	Horizontal	0	1.00	33.46	19.73	0.42	-
PK	2.896M	42.59	69.50	-26.91	20.15	3	Horizontal	0	1.00	22.44	19.70	0.45	-

NFC

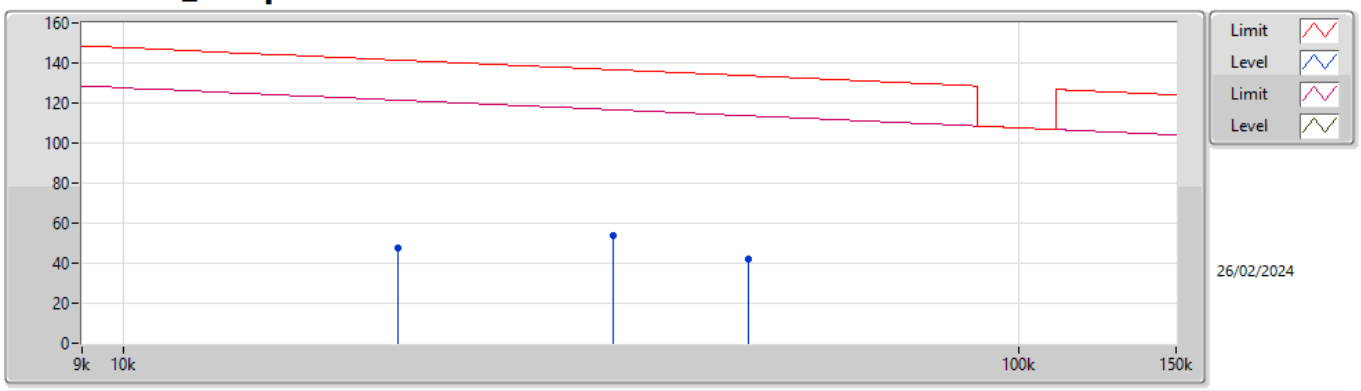
13.56MHz_Adapter2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBm)	(dB)	(dB)	(dB)
PK	13.561M	60.91	124.00	-63.09	23.12	3	Horizontal	360	1.00	37.79	22.20	0.92	-

NFC

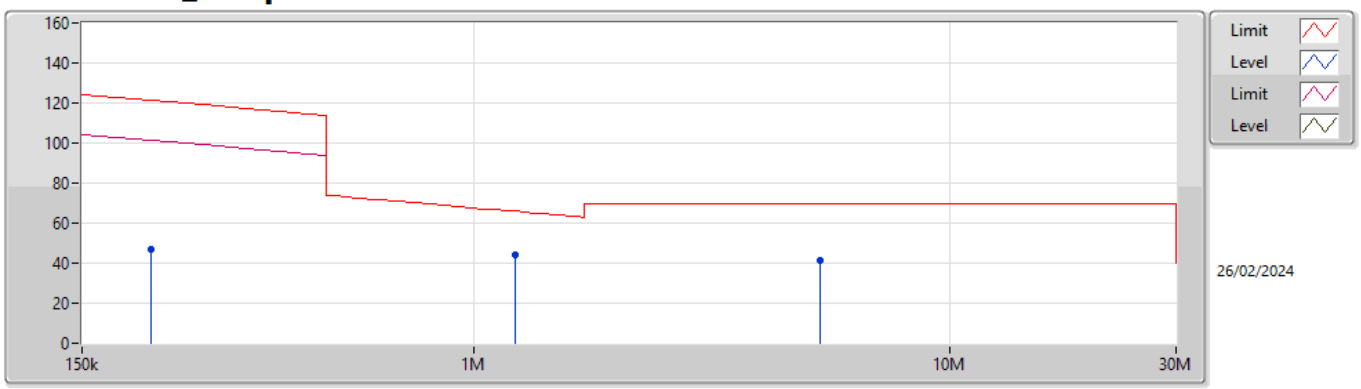
13.56MHz_Adapter2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBm)	(dB)	(dB)	(dB)
PK	35.226k	53.67	136.66	-82.99	20.72	3	Horizontal	0	1.00	32.95	20.60	0.12	-
PK	20.28k	47.80	141.46	-93.66	20.90	3	Horizontal	0	1.00	26.90	20.81	0.09	-
PK	49.89k	42.24	133.64	-91.40	20.74	3	Horizontal	0	1.00	21.50	20.60	0.14	-

NFC

13.56MHz_Adapter2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBm)	(dB)	(dB)	(dB)
PK	209.7k	46.67	121.16	-74.49	20.20	3	Horizontal	360	1.00	26.47	20.01	0.19	-
PK	1.225M	44.48	65.87	-21.39	20.28	3	Horizontal	360	1.00	24.20	19.91	0.37	-
PK	5.344M	41.35	69.50	-28.15	21.25	3	Horizontal	360	1.00	20.10	20.68	0.57	-

Summary

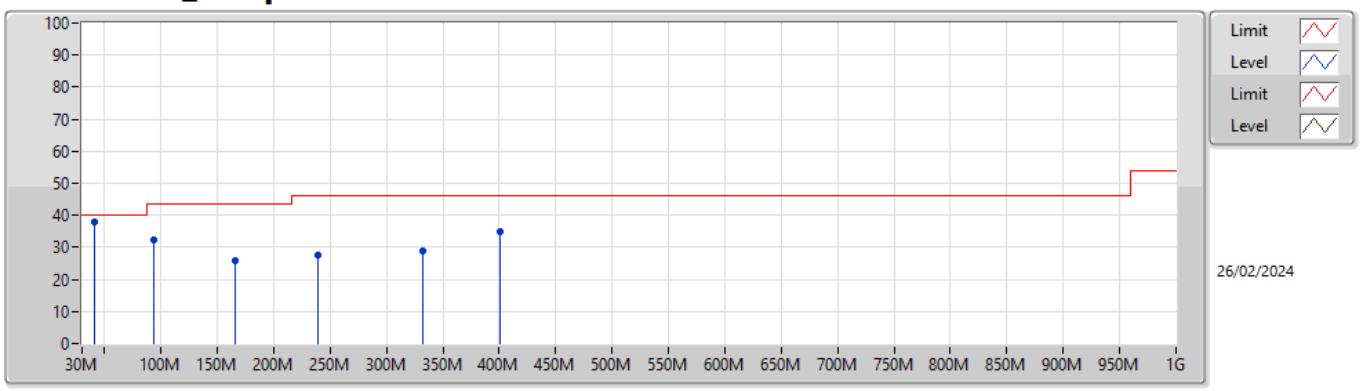
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Azimuth (°)	Height (m)
13.553-13.567MHz	-	-	-	-	-	-	-	-	-
NFC	Pass	QP	40.69M	39.61	40.00	-0.39	3	119	1.92

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Azimuth (°)	Height (m)
NFC	-	-	-	-	-	-	-	-	-
13.56MHz_Adapter1	Pass	PK	94.02M	32.39	43.50	-11.11	3	0	1.00
13.56MHz_Adapter1	Pass	PK	165.8M	25.69	43.50	-17.81	3	0	1.00
13.56MHz_Adapter1	Pass	PK	239.52M	27.43	46.00	-18.57	3	0	1.00
13.56MHz_Adapter1	Pass	PK	332.64M	28.89	46.00	-17.11	3	0	1.00
13.56MHz_Adapter1	Pass	PK	400.54M	34.99	46.00	-11.01	3	0	1.00
13.56MHz_Adapter1	Pass	QP	40.68M	38.04	40.00	-1.96	3	152	1.00
13.56MHz_Adapter1	Pass	PK	121.18M	29.61	43.50	-13.89	3	360	1.00
13.56MHz_Adapter1	Pass	PK	191.02M	32.37	43.50	-11.13	3	360	1.00
13.56MHz_Adapter1	Pass	PK	381.14M	38.63	46.00	-7.37	3	360	1.00
13.56MHz_Adapter1	Pass	PK	427.7M	35.76	46.00	-10.24	3	360	1.00
13.56MHz_Adapter1	Pass	PK	522.76M	33.39	46.00	-12.61	3	360	1.00
13.56MHz_Adapter1	Pass	QP	40.68M	38.31	40.00	-1.69	3	99	1.80
13.56MHz_Adapter2	Pass	PK	121.18M	28.75	43.50	-14.75	3	0	1.00
13.56MHz_Adapter2	Pass	PK	191.02M	26.10	43.50	-17.40	3	0	1.00
13.56MHz_Adapter2	Pass	PK	239.52M	26.86	46.00	-19.14	3	0	1.00
13.56MHz_Adapter2	Pass	PK	400.54M	33.59	46.00	-12.41	3	0	1.00
13.56MHz_Adapter2	Pass	PK	590.66M	33.82	46.00	-12.18	3	0	1.00
13.56MHz_Adapter2	Pass	QP	40.68M	38.61	40.00	-1.39	3	123	1.00
13.56MHz_Adapter2	Pass	PK	121.18M	34.64	43.50	-8.86	3	360	1.00
13.56MHz_Adapter2	Pass	PK	191.02M	32.34	43.50	-11.16	3	360	1.00
13.56MHz_Adapter2	Pass	PK	239.52M	31.01	46.00	-14.99	3	360	1.00
13.56MHz_Adapter2	Pass	PK	381.14M	37.95	46.00	-8.05	3	360	1.00
13.56MHz_Adapter2	Pass	PK	522.76M	34.25	46.00	-11.75	3	360	1.00
13.56MHz_Adapter2	Pass	QP	40.69M	39.61	40.00	-0.39	3	119	1.92

NFC

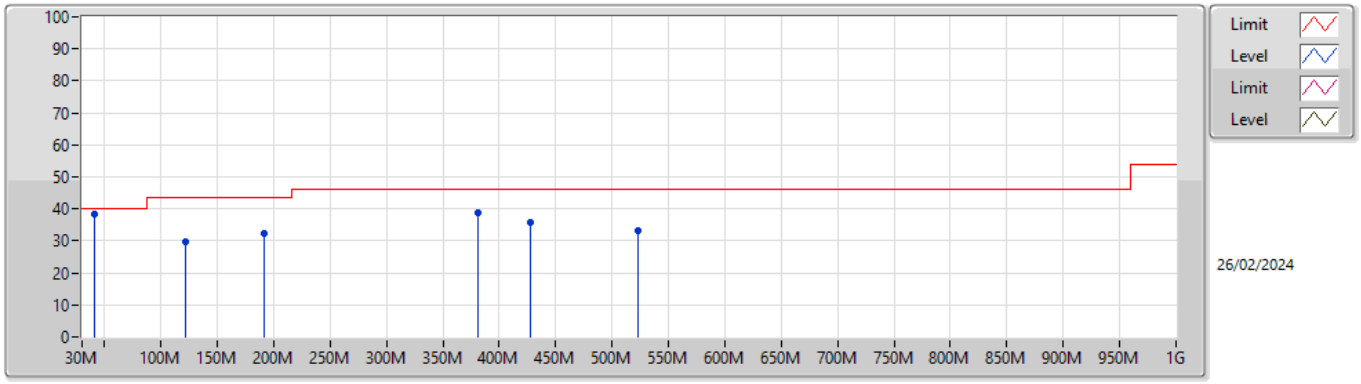
13.56MHz_Adapter1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBm)	(dB)	(dB)	(dB)
PK	94.02M	32.39	43.50	-11.11	-10.91	3	Vertical	0	1.00	43.30	14.98	1.94	27.83
PK	165.8M	25.69	43.50	-17.81	-10.06	3	Vertical	0	1.00	35.75	14.98	2.61	27.65
PK	239.52M	27.43	46.00	-18.57	-7.65	3	Vertical	0	1.00	35.08	16.45	3.17	27.27
PK	332.64M	28.89	46.00	-17.11	-4.82	3	Vertical	0	1.00	33.71	18.87	3.79	27.48
PK	400.54M	34.99	46.00	-11.01	-2.73	3	Vertical	0	1.00	37.72	20.96	4.23	27.92
QP	40.68M	38.04	40.00	-1.96	-7.59	3	Vertical	152	1.00	45.63	17.70	1.39	26.68

NFC

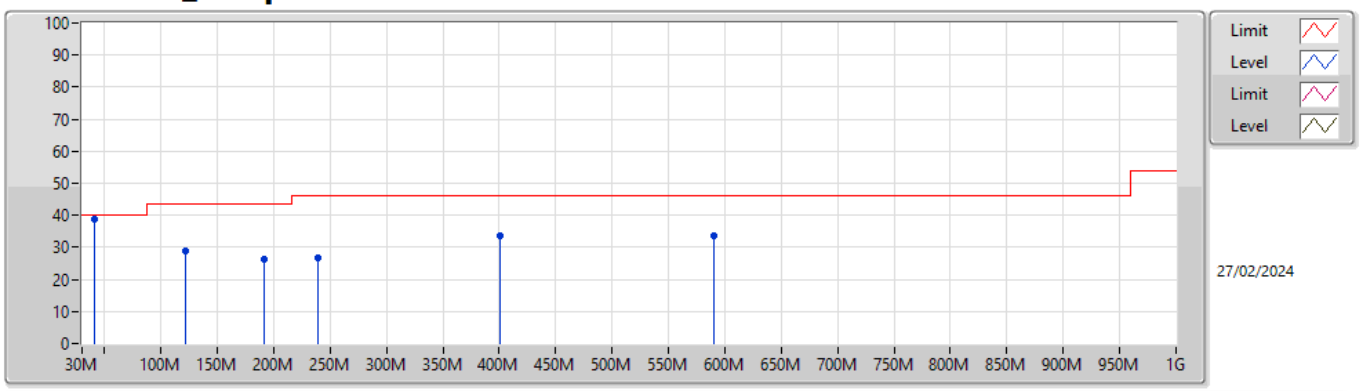
13.56MHz_Adapter1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBm)	(dB)	(dB)	(dB)
PK	121.18M	29.61	43.50	-13.89	-8.22	3	Horizontal	360	1.00	37.83	17.35	2.24	27.81
PK	191.02M	32.37	43.50	-11.13	-10.45	3	Horizontal	360	1.00	42.82	14.25	2.82	27.52
PK	381.14M	38.63	46.00	-7.37	-3.55	3	Horizontal	360	1.00	42.18	20.16	4.09	27.80
PK	427.7M	35.76	46.00	-10.24	-1.97	3	Horizontal	360	1.00	37.73	21.75	4.43	28.15
PK	522.76M	33.39	46.00	-12.61	-0.85	3	Horizontal	360	1.00	34.24	22.70	4.99	28.54
QP	40.68M	38.31	40.00	-1.69	-7.59	3	Horizontal	99	1.80	45.90	17.70	1.39	26.68

NFC

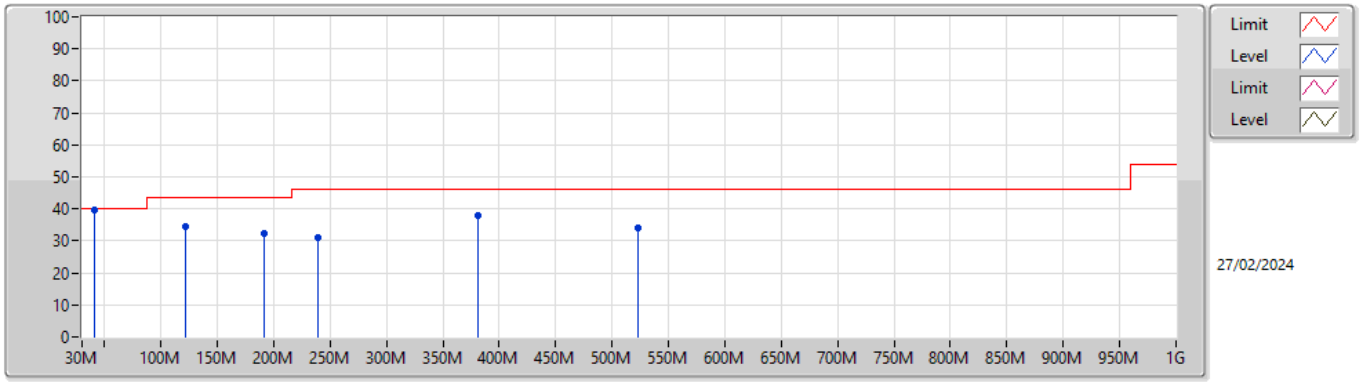
13.56MHz_Adapter2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBm)	(dB)	(dB)	(dB)
PK	121.18M	28.75	43.50	-14.75	-8.22	3	Vertical	0	1.00	36.97	17.35	2.24	27.81
PK	191.02M	26.10	43.50	-17.40	-10.45	3	Vertical	0	1.00	36.55	14.25	2.82	27.52
PK	239.52M	26.86	46.00	-19.14	-7.65	3	Vertical	0	1.00	34.51	16.45	3.17	27.27
PK	400.54M	33.59	46.00	-12.41	-2.73	3	Vertical	0	1.00	36.32	20.96	4.23	27.92
PK	590.66M	33.82	46.00	-12.18	0.97	3	Vertical	0	1.00	32.85	23.83	5.67	28.53
QP	40.68M	38.61	40.00	-1.39	-7.59	3	Vertical	123	1.00	46.20	17.70	1.39	26.68

NFC

13.56MHz_Adapter2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBm)	(dB)	(dB)	(dB)
PK	121.18M	34.64	43.50	-8.86	-8.22	3	Horizontal	360	1.00	42.86	17.35	2.24	27.81
PK	191.02M	32.34	43.50	-11.16	-10.45	3	Horizontal	360	1.00	42.79	14.25	2.82	27.52
PK	239.52M	31.01	46.00	-14.99	-7.65	3	Horizontal	360	1.00	38.66	16.45	3.17	27.27
PK	381.14M	37.95	46.00	-8.05	-3.55	3	Horizontal	360	1.00	41.50	20.16	4.09	27.80
PK	522.76M	34.25	46.00	-11.75	-0.85	3	Horizontal	360	1.00	35.10	22.70	4.99	28.54
QP	40.69M	39.61	40.00	-0.39	-7.59	3	Horizontal	119	1.92	47.20	17.70	1.39	26.68

Summary

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
13.553-13.567MHz	-	-	-	-	-	-	-
NFC	Pass	13.56M	13.560538M	39.6798	100	1	0 min

Result

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
NFC	-	-	-	-	-	-	-
13.56MHz_-20°C	Pass	13.56M	13.560499M	36.7764	100	1	0 min
13.56MHz_-20°C	Pass	13.56M	13.560478M	35.2279	100	1	2 min
13.56MHz_-20°C	Pass	13.56M	13.560493M	36.3247	100	1	5 min
13.56MHz_-20°C	Pass	13.56M	13.560535M	39.4862	100	1	10 min
13.56MHz_-10°C	Pass	13.56M	13.560501M	36.9699	100	1	0 min
13.56MHz_-10°C	Pass	13.56M	13.560496M	36.5828	100	1	2 min
13.56MHz_-10°C	Pass	13.56M	13.560523M	38.5829	100	1	5 min
13.56MHz_-10°C	Pass	13.56M	13.560531M	39.1636	100	1	10 min
13.56MHz_0°C	Pass	13.56M	13.560502M	37.0345	100	1	0 min
13.56MHz_0°C	Pass	13.56M	13.560518M	38.1958	100	1	2 min
13.56MHz_0°C	Pass	13.56M	13.560522M	38.5184	100	1	5 min
13.56MHz_0°C	Pass	13.56M	13.560517M	38.1313	100	1	10 min
13.56MHz_10°C	Pass	13.56M	13.560538M	39.6798	100	1	0 min
13.56MHz_10°C	Pass	13.56M	13.560502M	37.0345	100	1	2 min
13.56MHz_10°C	Pass	13.56M	13.560532M	39.2281	100	1	5 min
13.56MHz_10°C	Pass	13.56M	13.560505M	37.228	100	1	10 min
13.56MHz_20°C	Pass	13.56M	13.560456M	33.6149	100	1	0 min
13.56MHz_20°C	Pass	13.56M	13.560484M	35.6795	100	1	2 min
13.56MHz_20°C	Pass	13.56M	13.560488M	36.0021	100	1	5 min
13.56MHz_20°C	Pass	13.56M	13.560464M	34.1956	100	1	10 min
13.56MHz_30°C	Pass	13.56M	13.56045M	33.1633	100	1	0 min
13.56MHz_30°C	Pass	13.56M	13.560472M	34.8408	100	1	2 min
13.56MHz_30°C	Pass	13.56M	13.560434M	32.0019	100	1	5 min
13.56MHz_30°C	Pass	13.56M	13.560466M	34.3891	100	1	10 min
13.56MHz_40°C	Pass	13.56M	13.560497M	36.6473	100	1	0 min
13.56MHz_40°C	Pass	13.56M	13.560492M	36.2602	100	1	2 min
13.56MHz_40°C	Pass	13.56M	13.560472M	34.7763	100	1	5 min
13.56MHz_40°C	Pass	13.56M	13.560484M	35.6795	100	1	10 min
13.56MHz_50°C	Pass	13.56M	13.560473M	34.9053	100	1	0 min
13.56MHz_50°C	Pass	13.56M	13.560447M	32.9697	100	1	2 min
13.56MHz_50°C	Pass	13.56M	13.560475M	35.0343	100	1	5 min
13.56MHz_50°C	Pass	13.56M	13.560469M	34.5827	100	1	10 min
13.56MHz_20°C-138V	Pass	13.56M	13.560459M	33.873	100	1	0 min
13.56MHz_20°C-138V	Pass	13.56M	13.560438M	32.3245	100	1	2 min
13.56MHz_20°C-138V	Pass	13.56M	13.560466M	34.3891	100	1	5 min
13.56MHz_20°C-138V	Pass	13.56M	13.560473M	34.9053	100	1	10 min
13.56MHz_20°C-120V	Pass	13.56M	13.56046M	33.9375	100	1	0 min
13.56MHz_20°C-120V	Pass	13.56M	13.560458M	33.8085	100	1	2 min
13.56MHz_20°C-120V	Pass	13.56M	13.560445M	32.8407	100	1	5 min
13.56MHz_20°C-120V	Pass	13.56M	13.560479M	35.3569	100	1	10 min
13.56MHz_20°C-102V	Pass	13.56M	13.560475M	35.0343	100	1	0 min
13.56MHz_20°C-102V	Pass	13.56M	13.560464M	34.1956	100	1	2 min
13.56MHz_20°C-102V	Pass	13.56M	13.560437M	32.26	100	1	5 min

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
13.56MHz_20°C-102V	Pass	13.56M	13.560437M	32.1955	100	1	10 min

Summary

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
13.553-13.567MHz	-	-	-	-	-	-	-
NFC	Pass	13.56M	13.560518M	38.1958	100	1	10 min

Result

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
NFC	-	-	-	-	-	-	-
13.56MHz_-20°C	Pass	13.56M	13.560495M	36.5183	100	1	0 min
13.56MHz_-20°C	Pass	13.56M	13.560493M	36.3893	100	1	2 min
13.56MHz_-20°C	Pass	13.56M	13.560494M	36.4538	100	1	5 min
13.56MHz_-20°C	Pass	13.56M	13.560486M	35.8731	100	1	10 min
13.56MHz_-10°C	Pass	13.56M	13.560507M	37.3571	100	1	0 min
13.56MHz_-10°C	Pass	13.56M	13.56051M	37.6151	100	1	2 min
13.56MHz_-10°C	Pass	13.56M	13.560516M	38.0668	100	1	5 min
13.56MHz_-10°C	Pass	13.56M	13.560516M	38.0668	100	1	10 min
13.56MHz_0°C	Pass	13.56M	13.560508M	37.4861	100	1	0 min
13.56MHz_0°C	Pass	13.56M	13.560505M	37.228	100	1	2 min
13.56MHz_0°C	Pass	13.56M	13.560511M	37.6797	100	1	5 min
13.56MHz_0°C	Pass	13.56M	13.560518M	38.1958	100	1	10 min
13.56MHz_10°C	Pass	13.56M	13.560514M	37.8732	100	1	0 min
13.56MHz_10°C	Pass	13.56M	13.560511M	37.6797	100	1	2 min
13.56MHz_10°C	Pass	13.56M	13.560513M	37.8087	100	1	5 min
13.56MHz_10°C	Pass	13.56M	13.560514M	37.9377	100	1	10 min
13.56MHz_20°C	Pass	13.56M	13.560463M	34.1311	100	1	0 min
13.56MHz_20°C	Pass	13.56M	13.560457M	33.6794	100	1	2 min
13.56MHz_20°C	Pass	13.56M	13.560461M	34.002	100	1	5 min
13.56MHz_20°C	Pass	13.56M	13.560452M	33.3568	100	1	10 min
13.56MHz_30°C	Pass	13.56M	13.560485M	35.7441	100	1	0 min
13.56MHz_30°C	Pass	13.56M	13.560478M	35.2279	100	1	2 min
13.56MHz_30°C	Pass	13.56M	13.560483M	35.615	100	1	5 min
13.56MHz_30°C	Pass	13.56M	13.560481M	35.486	100	1	10 min
13.56MHz_40°C	Pass	13.56M	13.560473M	34.9053	100	1	0 min
13.56MHz_40°C	Pass	13.56M	13.560463M	34.1311	100	1	2 min
13.56MHz_40°C	Pass	13.56M	13.560465M	34.3246	100	1	5 min
13.56MHz_40°C	Pass	13.56M	13.560456M	33.6149	100	1	10 min
13.56MHz_50°C	Pass	13.56M	13.560461M	34.002	100	1	0 min
13.56MHz_50°C	Pass	13.56M	13.560459M	33.873	100	1	2 min
13.56MHz_50°C	Pass	13.56M	13.560458M	33.7439	100	1	5 min
13.56MHz_50°C	Pass	13.56M	13.560455M	33.5504	100	1	10 min
13.56MHz_20°C-138V	Pass	13.56M	13.560457M	33.6794	100	1	0 min
13.56MHz_20°C-138V	Pass	13.56M	13.560451M	33.2923	100	1	2 min
13.56MHz_20°C-138V	Pass	13.56M	13.560457M	33.6794	100	1	5 min
13.56MHz_20°C-138V	Pass	13.56M	13.560459M	33.873	100	1	10 min
13.56MHz_20°C-120V	Pass	13.56M	13.560458M	33.8085	100	1	0 min
13.56MHz_20°C-120V	Pass	13.56M	13.560463M	34.1311	100	1	2 min
13.56MHz_20°C-120V	Pass	13.56M	13.560465M	34.3246	100	1	5 min
13.56MHz_20°C-120V	Pass	13.56M	13.560454M	33.4859	100	1	10 min
13.56MHz_20°C-102V	Pass	13.56M	13.560448M	33.0342	100	1	0 min
13.56MHz_20°C-102V	Pass	13.56M	13.560454M	33.4859	100	1	2 min
13.56MHz_20°C-102V	Pass	13.56M	13.560451M	33.2278	100	1	5 min

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
13.56MHz_20°C-102V	Pass	13.56M	13.560459M	33.873	100	1	10 min