

FCC Radio Test Report

FCC ID : U4GJT22WB
Equipment : Mobile computer with barcode reader
Brand Name : Datalogic
Model Name : JOYA TOUCH 22
Applicant : Datalogic S.r.l.
Via S. Vitalino 13, Calderara di Reno, Italy
Manufacturer : Datalogic S.r.l.
Via S. Vitalino 13, Calderara di Reno, Italy
Standard : 47 CFR FCC Part 15.247

The product was received on Mar. 17, 2022, and testing was started from Mar. 17, 2022 and completed on Sep. 08, 2022. 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.



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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PHOTOGRAPHS OF EUT V01



History of this test report

Report No.	Version	Description	Issued Date
FR222441-01AL	01	Initial issue of report	Oct. 18, 2022



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	15.247(a)	DTS Bandwidth	PASS	-
3.3	15.247(b)	Maximum Conducted Output Power	PASS	-
3.4	15.247(e)	Power Spectral Density	PASS	-
3.5	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	-
3.6	15.247(d)	Emissions in Restricted Frequency Bands	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: Ben Tseng

Report Producer: Amber Chiu

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	Bluetooth Mode	Ch. Frequency (MHz)	Channel Number
2400-2483.5	LE	2402-2480	0-39 [40]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	BT-LE(1Mbps)	1.0	1TX
2.4-2.4835GHz	BT-LE(2Mbps)	2.0	1TX

Note:
<ul style="list-style-type: none"> Bluetooth LE uses a GFSK (1Mbps/2Mbps) modulation. BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Antenna Technology	Connector	Support
1	Datalogic-USI	Joya Touch 22 main antenna	PIFA antenna	PCB dual band	N/A	2.4G+5G+BT
2	Datalogic-USI	Joya Touch 22 aux antenna	PIFA antenna	LDS dual band	N/A	2.4G+5G

Ant.	Port	Gain (dBi)					
		2.4G	BT	5G			
				U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
1	1	0.8	0.8	2.1	3.2	3.4	1.8
2	2	1.2	-	2.0	2.6	3.8	3.2

Note 1: The EUT has two antennas.

For 2.4GHz function:

For IEEE 802.11 b/g/n mode (2TX/2RX)

Ant. 1 (port 1) and Ant. 2 (port 2) could transmit/receive simultaneously.

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX)

Ant. 1 (port 1) could transmit/receive.

For 5GHz function:

For IEEE 802.11 a/n/ac mode (2TX/2RX)

Ant. 1 (port 1) and Ant. 2 (port 2) could transmit/receive simultaneously.



1.1.3 EUT Information

Operational Condition	
EUT Power Type	From AC Adapter / Host system
EUT Function	<input checked="" type="checkbox"/> Point-to-multipoint <input type="checkbox"/> Point-to-point
Type of EUT	
<input checked="" type="checkbox"/> Stand-alone	
<input type="checkbox"/> Combined (EUT where the radio part is fully integrated within another device)	
<input type="checkbox"/> Combined Equipment - Brand Name / Model No.:	...
<input type="checkbox"/> Plug-in radio (EUT intended for a variety of host systems)	
<input type="checkbox"/> Host System - Brand Name / Model No.:	...
<input type="checkbox"/> Other:	

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
BT-LE(1Mbps)	0.855	0.68	2.138m	1k
BT-LE(2Mbps)	0.593	2.27	1.081m	1k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

1.1.5 Table for Multiple Listing

The model types in the following table are all refer to the identical product.

Model Name	Type	Description
JOYA TOUCH 22	Palm	Hand Held Variant, related to the variant with hand-held form factor
	Pistol	Gun variant, related to the variant with pistol grip form factor

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 558074 D01 v05r02
- ♦ KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
<input checked="" type="checkbox"/>	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	Billy Wang	21.6~22.0°C / 59~60%	29/Mar/2022~30/Mar/2022
RF Conducted	TH06-HY	Johnny Yu	22.4~25.5°C / 53~59%	17/Mar/2022~02/Aug/2022
Radiated (Co-location)	03CH03-HY	Edward Wang	23~25°C / 54~60%	07/Sep/2022~08/Sep/2022
<input checked="" type="checkbox"/>	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.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated	03CH09-HY	Lego Lin	22.1~25.3°C / 53~60%	09/Jun/2022~18/Jun/2022

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%
Bandwidth	3 MHz	Confidence levels of 95%
Maximum Conducted Output Power	2 dB	Confidence levels of 95%
Power Spectral Density	2 dB	Confidence levels of 95%
Emissions in Non-restricted Frequency Bands	0.14 dB	Confidence levels of 95%
Emissions in Restricted Frequency Bands	4.8 dB	Confidence levels of 95%
Receiver 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 Channel Mode




Test Software Version	Qdart_conn.win.1.0_installer_00076.1
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Mode	Power Setting
BT-LE(1Mbps)	-
2402MHz	Default
2440MHz	Default
2480MHz	Default
BT-LE(2Mbps)	-
2402MHz	Default
2440MHz	Default
2480MHz	Default

2.2 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	Adapter Mode

The Worst Case Mode for Following Conformance Tests	
Tests Item	DTS Bandwidth Maximum Conducted Output Power Power Spectral Density Emissions in Non-restricted Frequency Bands
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests			
Tests Item	Emissions in Restricted Frequency Bands		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX		
1	Adapter Mode		
2	USB Mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT	V(Hand-held)		

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	Normal Link
1	Bluetooth+WLAN 2.4GHz
2	Bluetooth+WLAN 5GHz
Refer to Sporton Test Report No.: FA222441-02 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	



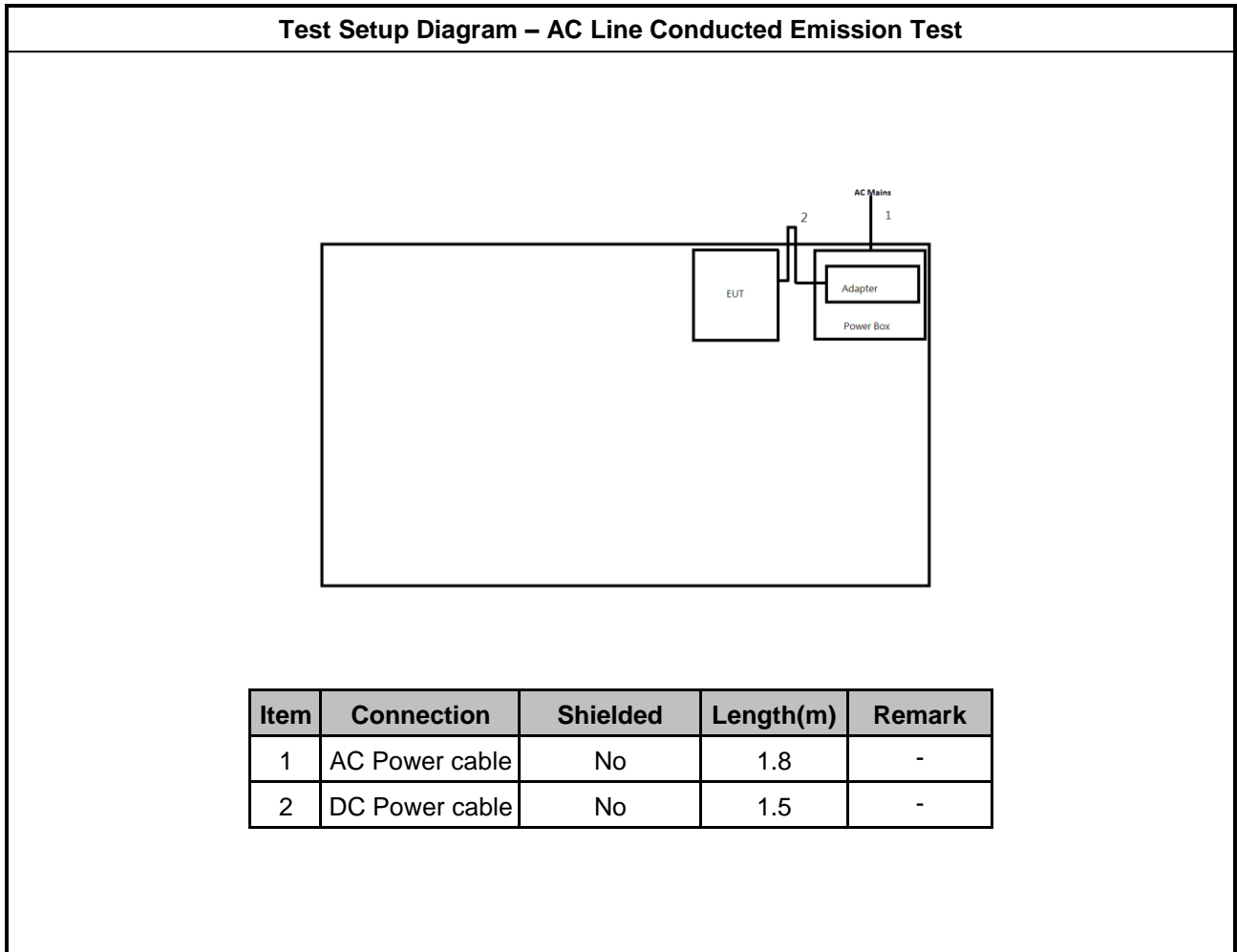
2.3 Support Equipment

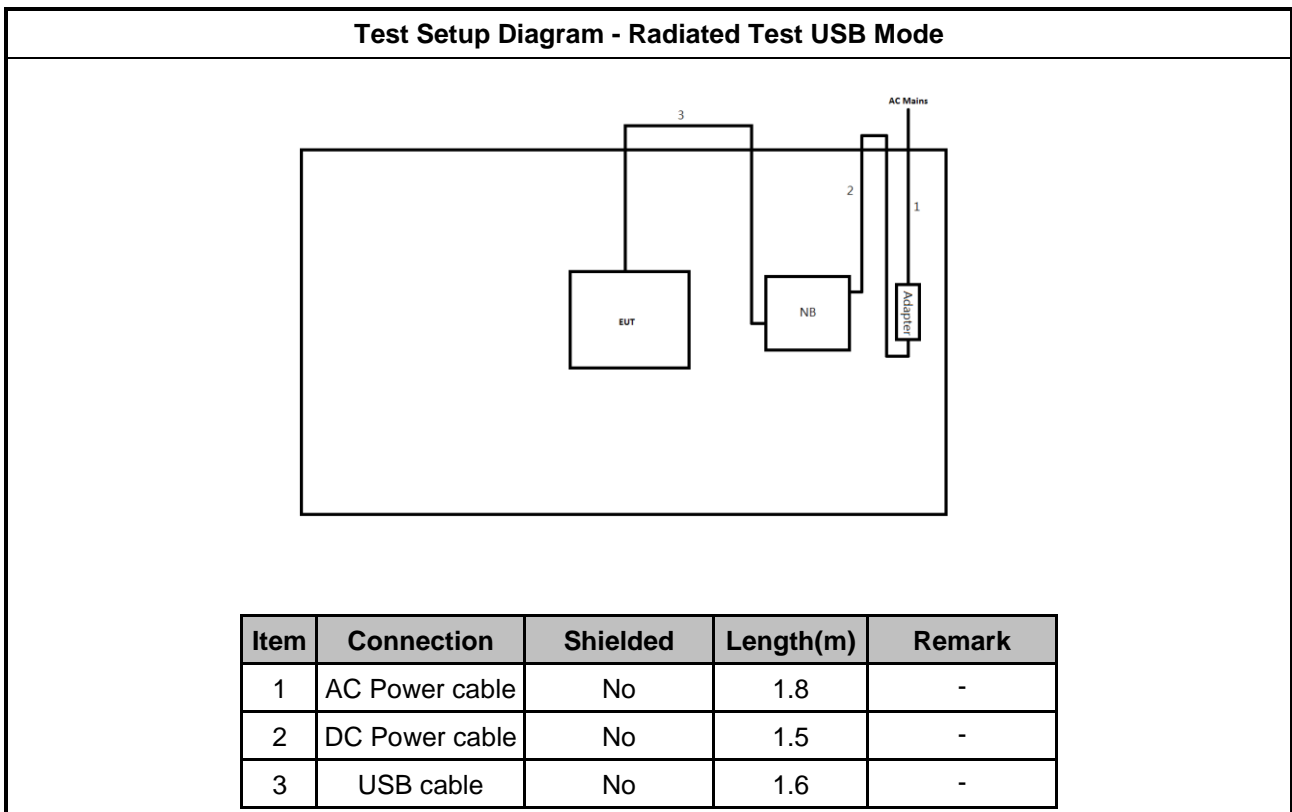
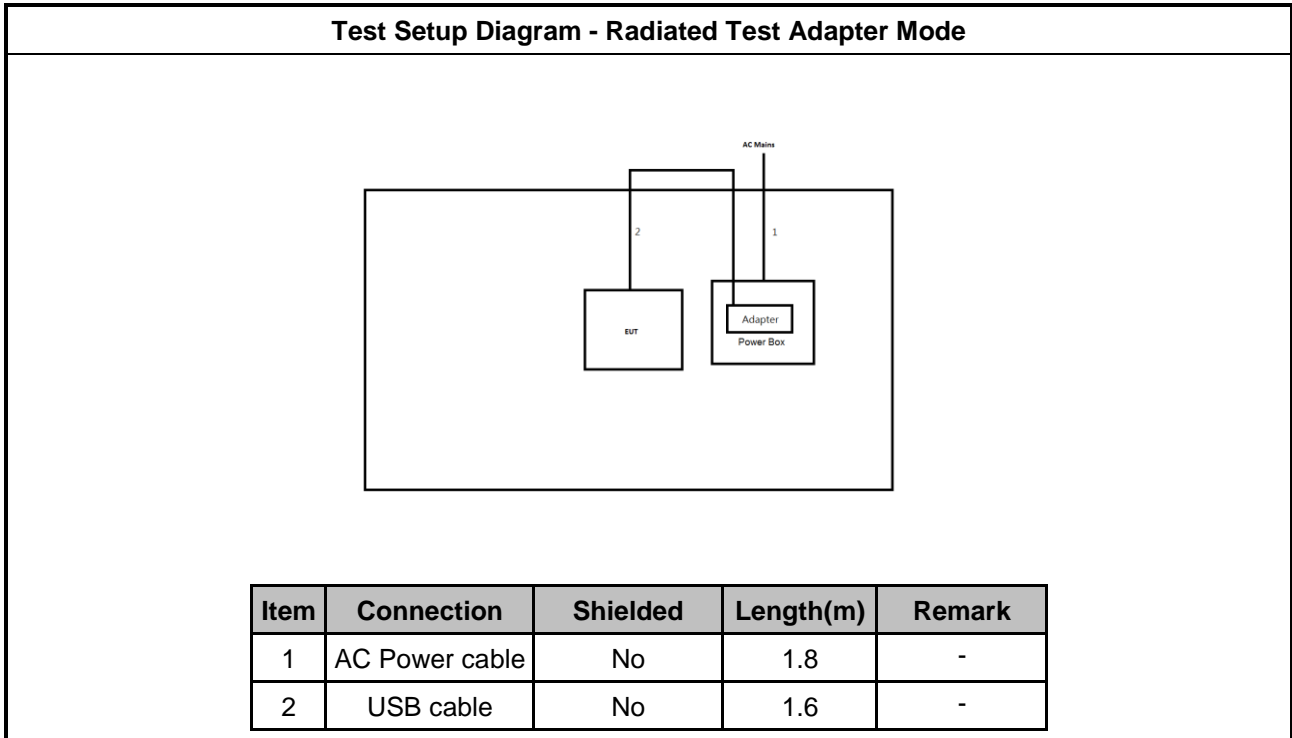
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Adapter	Blron	BI24-050300-I	-	Provided by Customer

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	NB	HP	5220M	-	-
2	Adapter for NB	HP	PPP012L-E	-	-
3	Adapter	Apple	A1385	-	-
4	USB cable	-	-	-	Provided by Customer

2.4 Test Setup Diagram





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

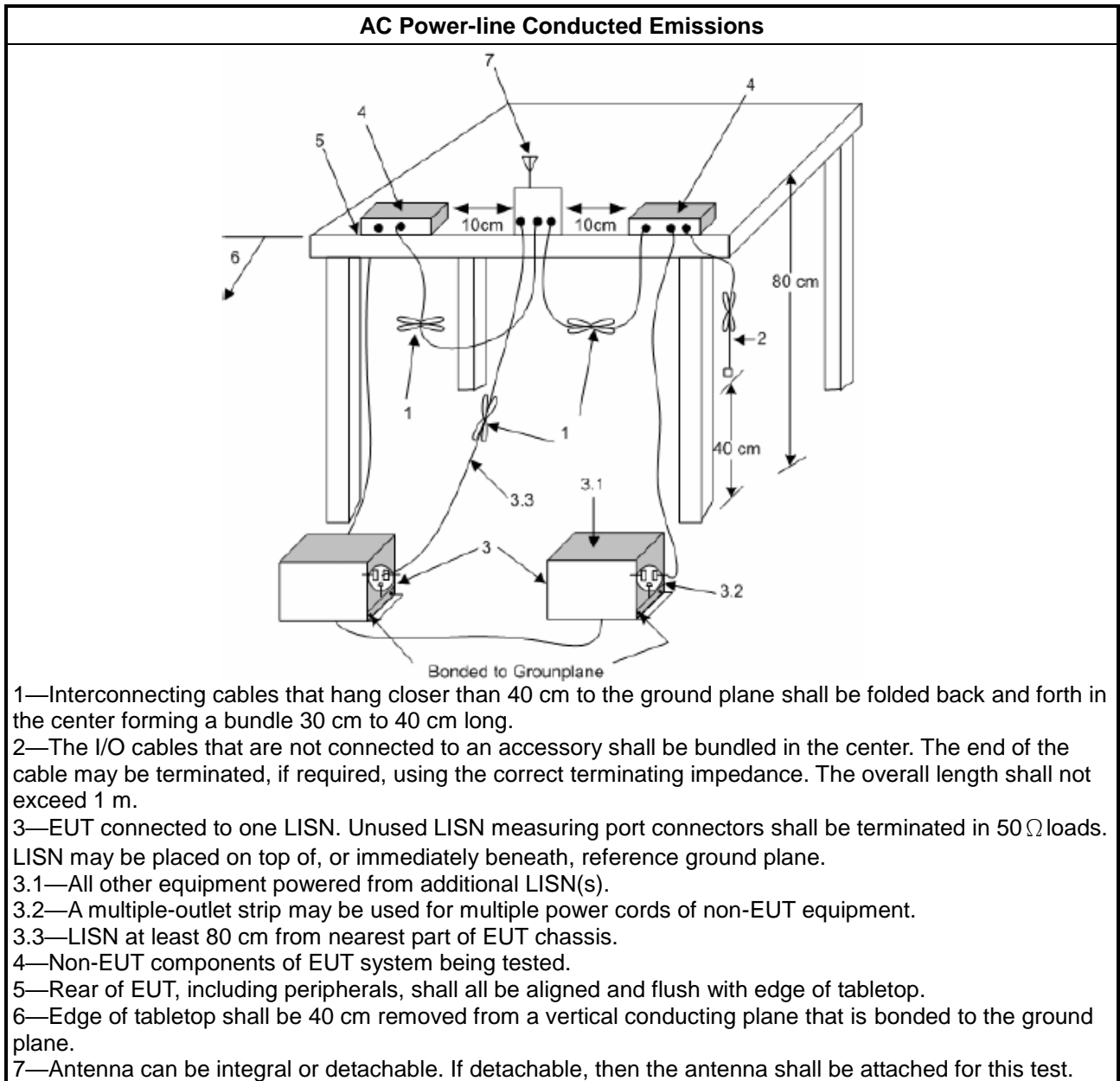
Test Method
<ul style="list-style-type: none"> Refer as ANSI C63.10-2013, clause 6.2 foray power-line conducted emissions.

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



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

6dB Bandwidth Limit	
Systems using digital modulation techniques:	
▪	6 dB bandwidth \geq 500 kHz.

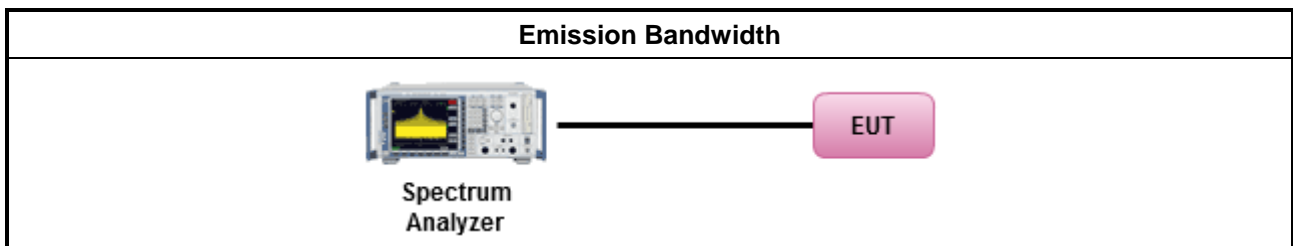
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
▪	For the emission bandwidth shall be measured using one of the options below:
<input checked="" type="checkbox"/>	Refer as KDB 558074, clause 8.2 (11.8 of ANSI C63.10) DTS bandwidth measurement.
<input type="checkbox"/>	Refer as RSS-Gen, clause 6.7 for occupied bandwidth testing.
<input type="checkbox"/>	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
	<ul style="list-style-type: none"> ▪ If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)
	<ul style="list-style-type: none"> ▪ Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ dBm
	<ul style="list-style-type: none"> ▪ Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	<ul style="list-style-type: none"> ▪ Smart antenna system (SAS):
	<ul style="list-style-type: none"> - Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	<ul style="list-style-type: none"> - Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	<ul style="list-style-type: none"> - Aggregate power on all beams: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3 + 8$ dB dBm
e.i.r.p. Power Limit:	
	<ul style="list-style-type: none"> ▪ 2400-2483.5 MHz Band
	<ul style="list-style-type: none"> ▪ Point-to-multipoint systems (P2M): $P_{eirp} \leq 36$ dBm (4 W)
	<ul style="list-style-type: none"> ▪ Point-to-point systems (P2P): $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX}])$ dBm
	<ul style="list-style-type: none"> ▪ Smart antenna system (SAS)
	<ul style="list-style-type: none"> - Single beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	<ul style="list-style-type: none"> - Overlap beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	<ul style="list-style-type: none"> - Aggregate power on all beams: $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX} + 8])$ dBm
<p>P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.</p>	

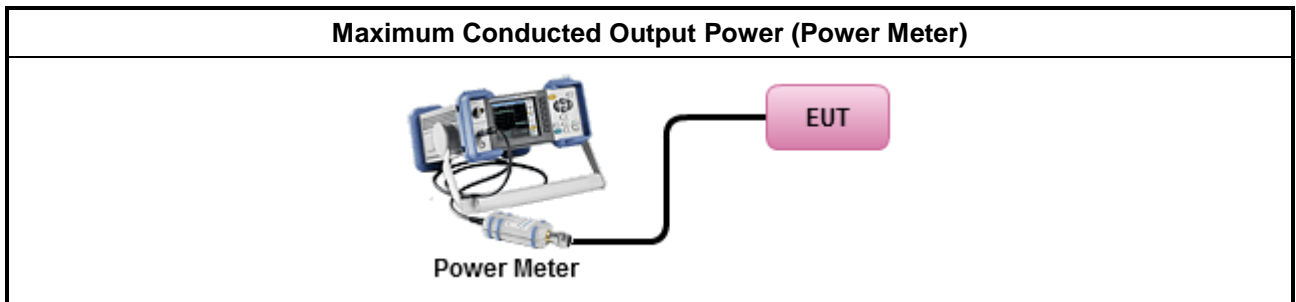
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> ▪ Maximum Peak Conducted Output Power 	
<input type="checkbox"/>	Refer as KDB 558074, clause 8.3.1.1 (11.9.1.1 of ANSI C63.10) RBW ≥ EBW method.
<input type="checkbox"/>	Refer as KDB 558074, clause 8.3.1.2 (11.9.1.2 of ANSI C63.10) integrated band power method.
<input type="checkbox"/>	Refer as KDB 558074, clause 8.3.1.3 (11.9.1.3 of ANSI C63.10) peak power meter.
<ul style="list-style-type: none"> ▪ Maximum Average Conducted Output Power 	
<input type="checkbox"/>	Refer as KDB 558074, clause 8.3.2.2 (11.9.2.2 of ANSI C63.10) using a spectrum analyzer.
<input checked="" type="checkbox"/>	Refer as KDB 558074, clause 8.3.2.3 (11.9.2.3 of ANSI C63.10) using a power meter.
<ul style="list-style-type: none"> ▪ For conducted measurement. 	
<ul style="list-style-type: none"> ▪ If the EUT supports multiple transmit chains using options given below: Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them. 	
<ul style="list-style-type: none"> ▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$ 	

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

Power Spectral Density Limit
<ul style="list-style-type: none"> Power Spectral Density (PSD) ≤ 8 dBm/3kHz

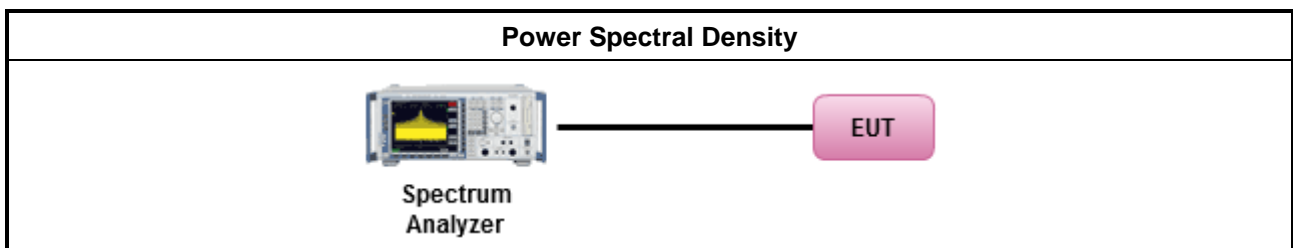
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> Peak power spectral density procedures that the same method as used to determine the conducted output power. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option). 	
<input checked="" type="checkbox"/>	Refer as KDB 558074, clause 8.4 (11.10 of ANSI C63.10) Max. PSD.
<ul style="list-style-type: none"> For conducted measurement. 	
<ul style="list-style-type: none"> If The EUT supports multiple transmit chains using options given below: 	
<input type="checkbox"/>	<ul style="list-style-type: none"> Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

Un-restricted Band Emissions Limit	
RF output power procedure	Limit (dB)
Peak output power procedure	20
Average output power procedure	30

Note 1: If the peak output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum measured in-band peak level.

Note 2: If the average output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the power in any 100 kHz outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum measured in-band average level.

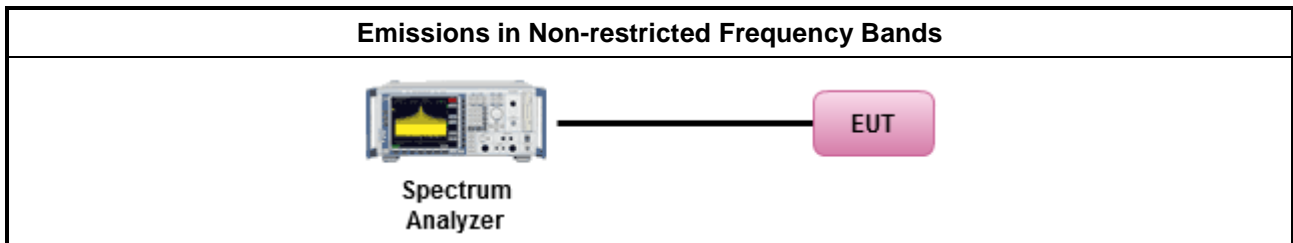
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
<ul style="list-style-type: none"> Refer as KDB 558074, clause 8.5 (11.11 of ANSI C63.10) for non-restricted frequency bands.

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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: 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.

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

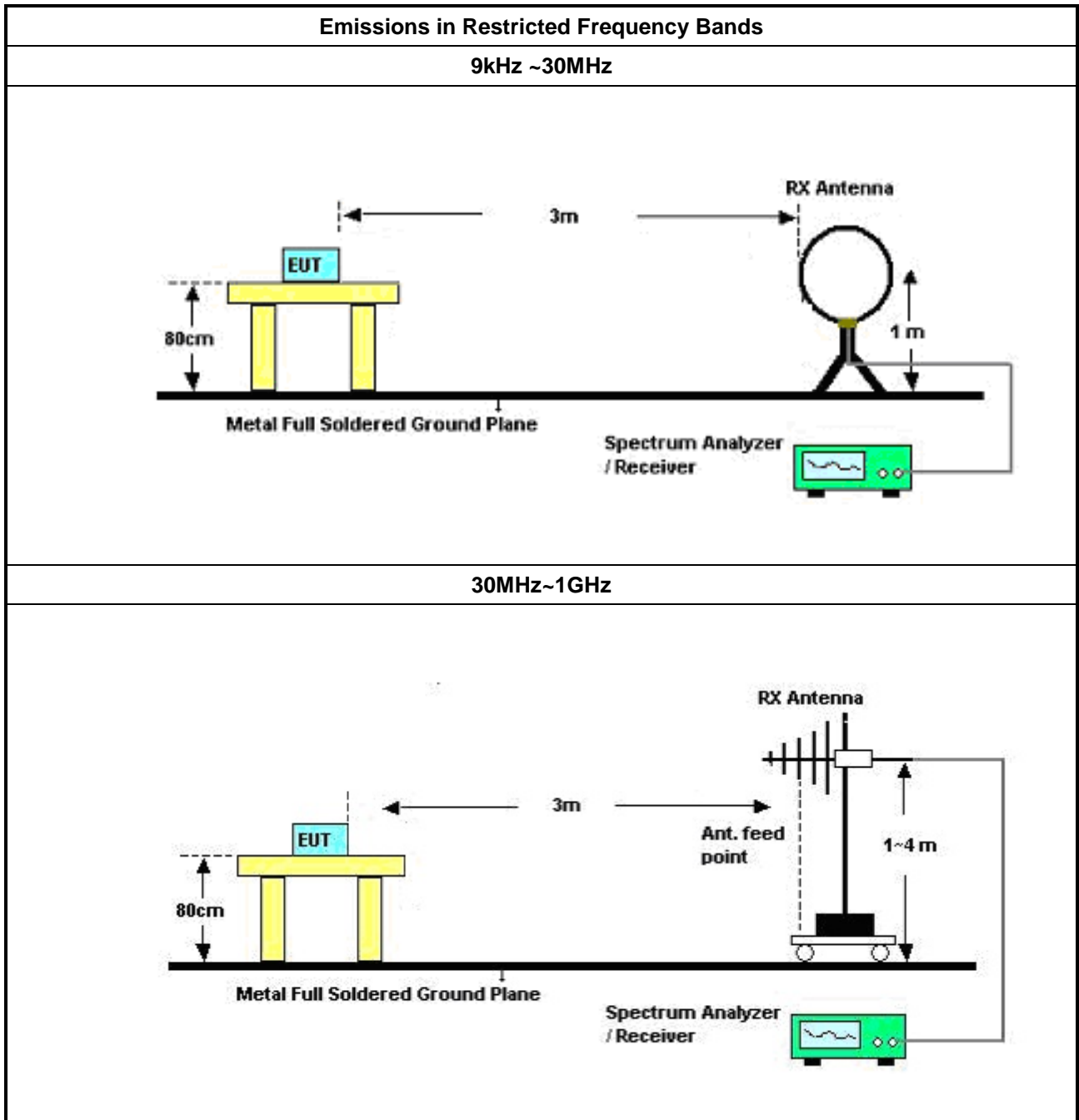
Test Method	
	<ul style="list-style-type: none"> ▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].
	<ul style="list-style-type: none"> ▪ Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.
	<ul style="list-style-type: none"> ▪ For the transmitter unwanted emissions shall be measured using following options below:
	<ul style="list-style-type: none"> ▪ Refer as KDB 558074, clause 8.6 (11.12 of ANSI C63.10) for restricted frequency bands.
	<ul style="list-style-type: none"> ▪ For the transmitter band-edge emissions shall be measured using following options below:
	<ul style="list-style-type: none"> ▪ Refer as KDB 558074 clause 8.7.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.
	<ul style="list-style-type: none"> ▪ Refer as KDB 558074, clause 8.7.2 (6.10.6 of ANSI C63.10) for marker-delta method for band-edge measurements.
	<ul style="list-style-type: none"> ▪ Refer as KDB 558074, clause 8.7.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels.
	<ul style="list-style-type: none"> ▪ Use the following spectrum analyzer settings:
	<ul style="list-style-type: none"> ▪ Set RBW=100 kHz for f < 1 GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	<ul style="list-style-type: none"> ▪ Set RBW = 1 MHz, VBW= 3MHz for f ≥ 1 GHz for peak measurement. For average measurement, refer as 1.1.4.
	<ul style="list-style-type: none"> ▪ KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.
	<ul style="list-style-type: none"> ▪ 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.
	<ul style="list-style-type: none"> ▪ Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

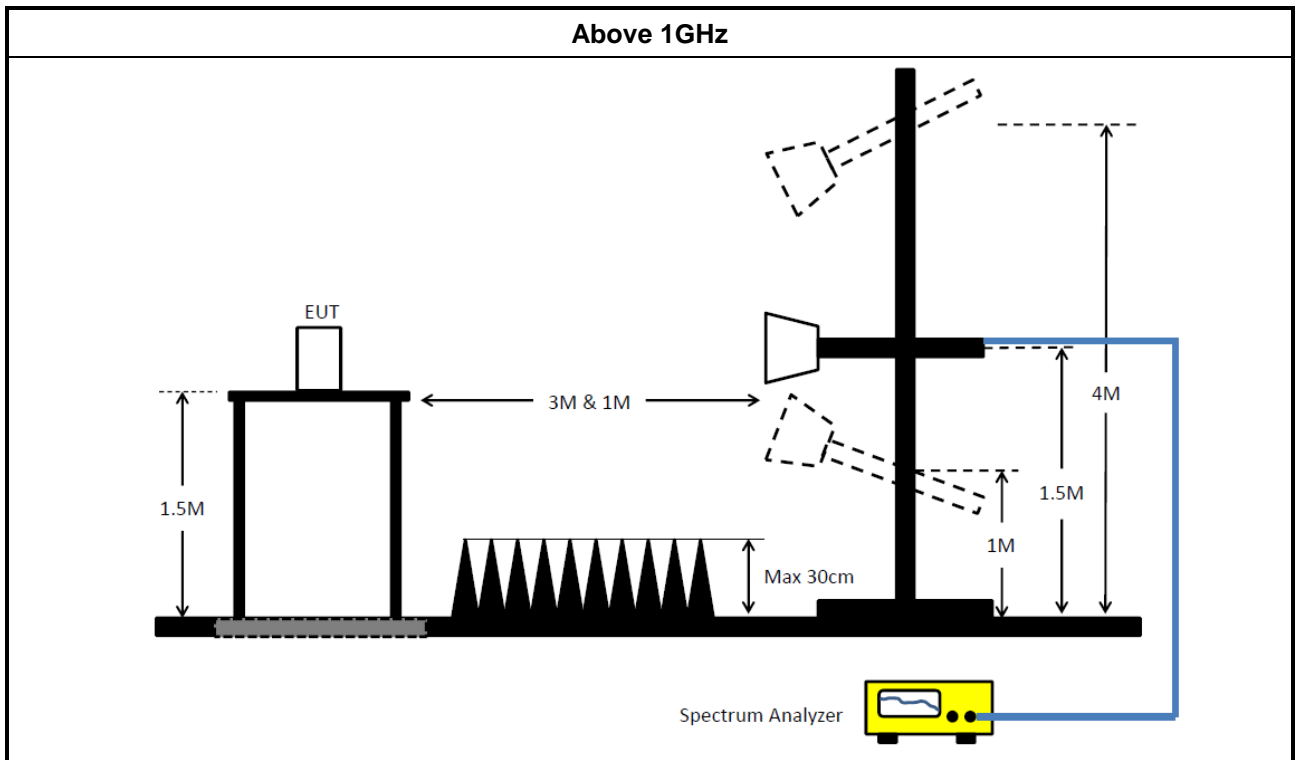
3.6.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

3.6.5 Test Setup





3.6.6 Test Result of Emissions in Restricted Frequency Bands (Below 30MHz)

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR3	102051	9kHz ~ 3.6GHz	21/May/2021	20/May/2022
Two-Line V-Network	R&S	ENV 216	100003	9kHz ~ 30MHz	18/Feb/2022	17/Feb/2023
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	01/Mar/2022	28/Feb/2023
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	26/Oct/2021	25/Oct/2022
Software	Sporton	SENSE-EMI	V5.10.7	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	20/Oct/2021	19/Oct/2022
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2021	20/Oct/2022
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	17/Dec/2021	16/Dec/2022
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	20/Dec/2021	19/Dec/2022
SENSE-15247_FS	Sporton	V5.10.7.16	N/A	N/A	N/A	N/A

Instrument for Radiated Test (03CH03-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	02/Aug/2022	01/Aug/2023
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	12/Oct/2021	11/Oct/2022
Microwave Preamplifier	Agilent	8449BA	3008A02326	1 GHz ~ 26.5 GHz	14/Jul/2022	13/Jul/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz ~18GHz	14/Sep/2021	13/Sep/2022
RF CABLE 5+6m	HUBER+SUHNER	SUOFLEX 104	03CH03-cable-01	1GHz~40GHz	27/Jul/2022	26/Jul/2023
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Prempplier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	08/Mar/2022	07/Mar/2023
SENSE-EMI	Sporton	V5.10.8.6	NA	NA	NA	NA



Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz~1GHz 3m	25/Mar/2022	24/Mar/2023
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	17/Mar/2022	16/Mar/2023
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	13/Aug/2021	12/Aug/2022
Amplifier	EMC	EMC9135	980232	9kHz~1GHz	08/Apr/2022	07/Apr/2023
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	23/Jul/2021	22/Jul/2022
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D&MT J6102-05	35418 & 3	30MHz~1GHz	04/Sep/2021	03/Sep/2022
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz~18GHz	27/Dec/2021	26/Dec/2022
RF Cable-low	Jye Bao	RG142	CB031+324530/4	9kHz~30MHz	30/Aug/2021	29/Aug/2022
RF Cable-low	Jye Bao	RG142	CB031+324530/4	30MHz~1GHz	07/Feb/2022	06/Feb/2023
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	CB009	1GHz~40GHz	13/Aug/2021	12/Aug/2022
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	08/Mar/2022	07/Mar/2023
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	18/Mar/2022	17/Mar/2023
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	13/May/2022	12/May/2023
SENSE-15247_FS	Sporton	V5.10.7.14	N/A	N/A	N/A	N/A



Summary

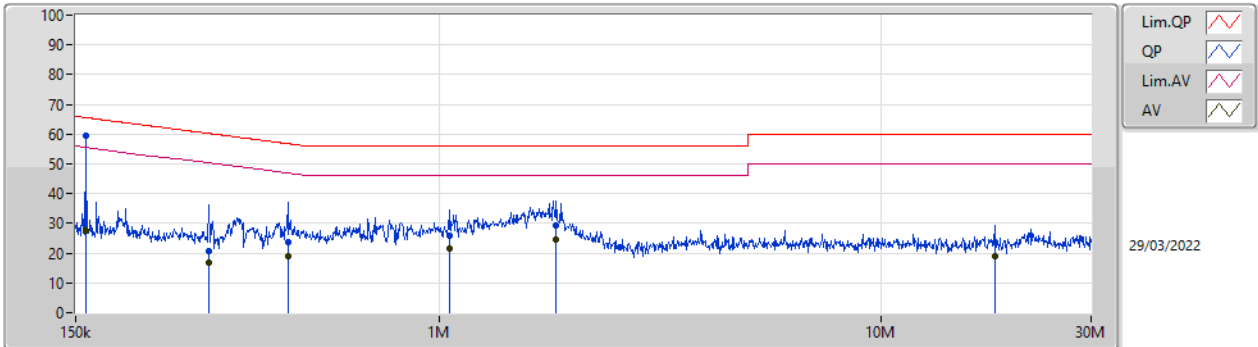
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	157.99k	59.40	65.56	-6.16	Line



Mode config

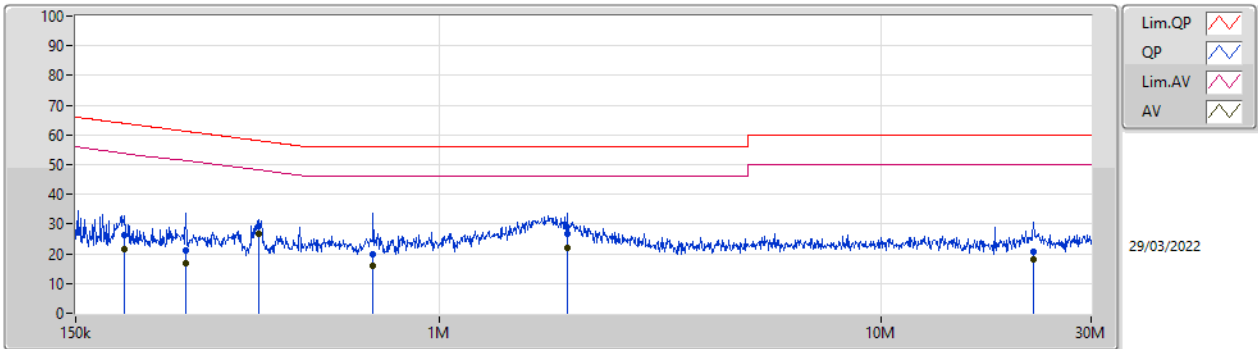
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	157.99k	59.40	65.56	-6.16	Line	-
Mode 1	Pass	AV	157.99k	27.49	55.56	-28.07	Line	-
Mode 1	Pass	QP	300.44k	20.52	60.23	-39.71	Line	-
Mode 1	Pass	AV	300.44k	17.00	50.23	-33.23	Line	-
Mode 1	Pass	QP	453.242k	23.67	56.82	-33.15	Line	-
Mode 1	Pass	AV	453.242k	19.12	46.82	-27.70	Line	-
Mode 1	Pass	QP	1.052M	25.69	56.00	-30.31	Line	-
Mode 1	Pass	AV	1.052M	21.53	46.00	-24.47	Line	-
Mode 1	Pass	QP	1.84M	29.14	56.00	-26.86	Line	-
Mode 1	Pass	AV	1.84M	24.37	46.00	-21.63	Line	-
Mode 1	Pass	QP	18.125M	23.60	60.00	-36.40	Line	-
Mode 1	Pass	AV	18.125M	18.87	50.00	-31.13	Line	-
Mode 1	Pass	QP	193.664k	26.24	63.88	-37.64	Neutral	-
Mode 1	Pass	AV	193.664k	21.53	53.88	-32.35	Neutral	-
Mode 1	Pass	QP	266.53k	20.97	61.22	-40.25	Neutral	-
Mode 1	Pass	AV	266.53k	16.86	51.22	-34.36	Neutral	-
Mode 1	Pass	QP	389.447k	29.42	58.08	-28.66	Neutral	-
Mode 1	Pass	AV	389.447k	26.59	48.08	-21.49	Neutral	-
Mode 1	Pass	QP	708.77k	19.97	56.00	-36.03	Neutral	-
Mode 1	Pass	AV	708.77k	16.11	46.00	-29.89	Neutral	-
Mode 1	Pass	QP	1.946M	26.64	56.00	-29.36	Neutral	-
Mode 1	Pass	AV	1.946M	21.88	46.00	-24.12	Neutral	-
Mode 1	Pass	QP	22.218M	20.88	60.00	-39.12	Neutral	-
Mode 1	Pass	AV	22.218M	17.95	50.00	-32.05	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	157.99k	59.40	65.56	-6.16	19.63	Line	-	39.77	9.69	0.03	9.91
AV	157.99k	27.49	55.56	-28.07	19.63	Line	-	7.86	9.69	0.03	9.91
QP	300.44k	20.52	60.23	-39.71	19.63	Line	-	0.89	9.68	0.04	9.91
AV	300.44k	17.00	50.23	-33.23	19.63	Line	-	-2.63	9.68	0.04	9.91
QP	453.242k	23.67	56.82	-33.15	19.63	Line	-	4.04	9.68	0.04	9.91
AV	453.242k	19.12	46.82	-27.70	19.63	Line	-	-0.51	9.68	0.04	9.91
QP	1.052M	25.69	56.00	-30.31	19.65	Line	-	6.04	9.68	0.05	9.92
AV	1.052M	21.53	46.00	-24.47	19.65	Line	-	1.88	9.68	0.05	9.92
QP	1.84M	29.14	56.00	-26.86	19.70	Line	-	9.44	9.70	0.08	9.92
AV	1.84M	24.37	46.00	-21.63	19.70	Line	-	4.67	9.70	0.08	9.92
QP	18.125M	23.60	60.00	-36.40	19.98	Line	-	3.62	9.79	0.26	9.93
AV	18.125M	18.87	50.00	-31.13	19.98	Line	-	-1.11	9.79	0.26	9.93

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	193.664k	26.24	63.88	-37.64	19.66	Neutral	-	6.58	9.72	0.03	9.91
AV	193.664k	21.53	53.88	-32.35	19.66	Neutral	-	1.87	9.72	0.03	9.91
QP	266.53k	20.97	61.22	-40.25	19.66	Neutral	-	1.31	9.72	0.03	9.91
AV	266.53k	16.86	51.22	-34.36	19.66	Neutral	-	-2.80	9.72	0.03	9.91
QP	389.447k	29.42	58.08	-28.66	19.67	Neutral	-	9.75	9.72	0.04	9.91
AV	389.447k	26.59	48.08	-21.49	19.67	Neutral	-	6.92	9.72	0.04	9.91
QP	708.77k	19.97	56.00	-36.03	19.70	Neutral	-	0.27	9.73	0.05	9.92
AV	708.77k	16.11	46.00	-29.89	19.70	Neutral	-	-3.59	9.73	0.05	9.92
QP	1.946M	26.64	56.00	-29.36	19.74	Neutral	-	6.90	9.74	0.08	9.92
AV	1.946M	21.88	46.00	-24.12	19.74	Neutral	-	2.14	9.74	0.08	9.92
QP	22.218M	20.88	60.00	-39.12	20.25	Neutral	-	0.63	10.03	0.29	9.93
AV	22.218M	17.95	50.00	-32.05	20.25	Neutral	-	-2.30	10.03	0.29	9.93



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
BT-LE(1Mbps)	667.5k	1.038M	1M04F1D	663.75k	1.036M
BT-LE(2Mbps)	1.145M	2.051M	2M05F1D	1.133M	2.039M

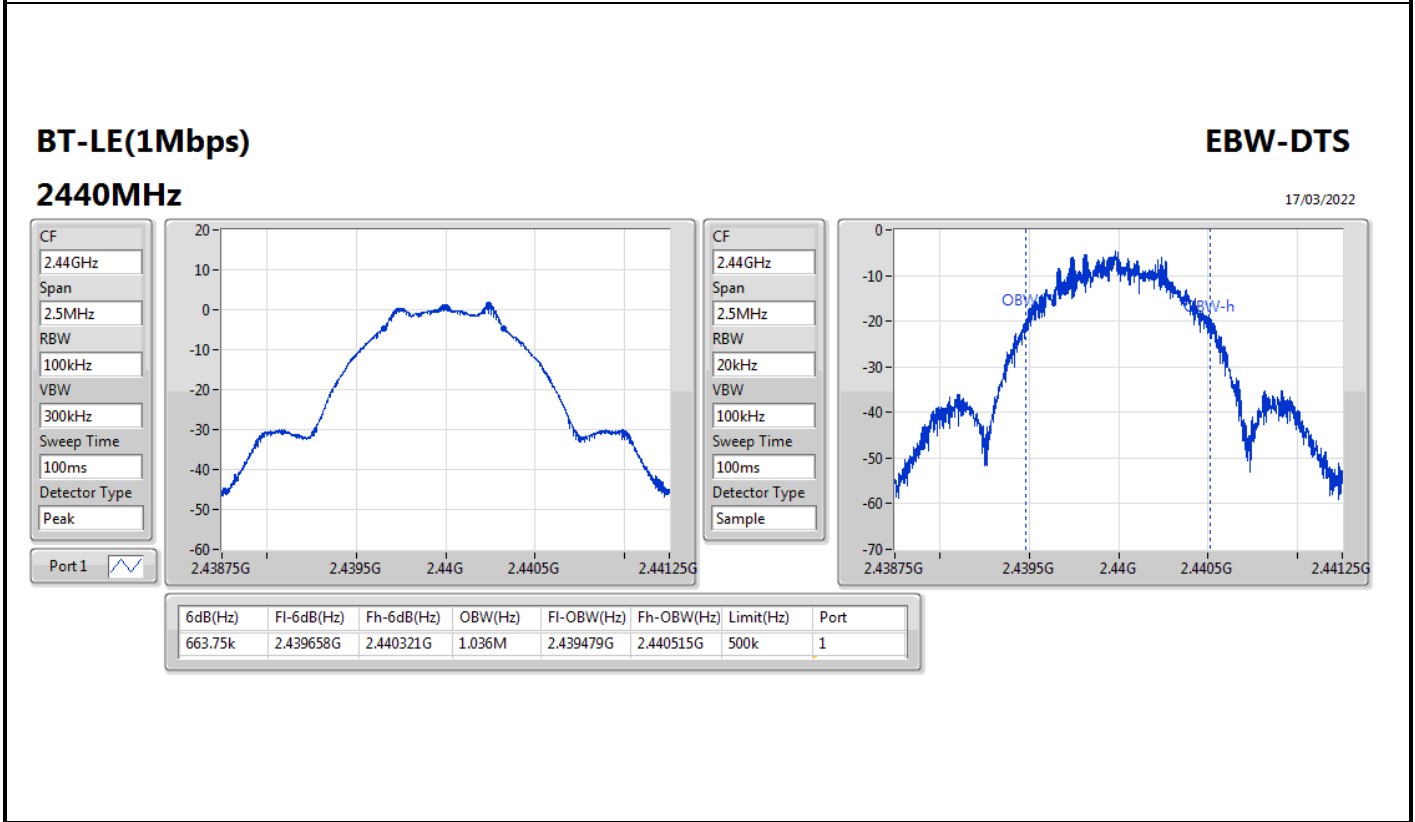
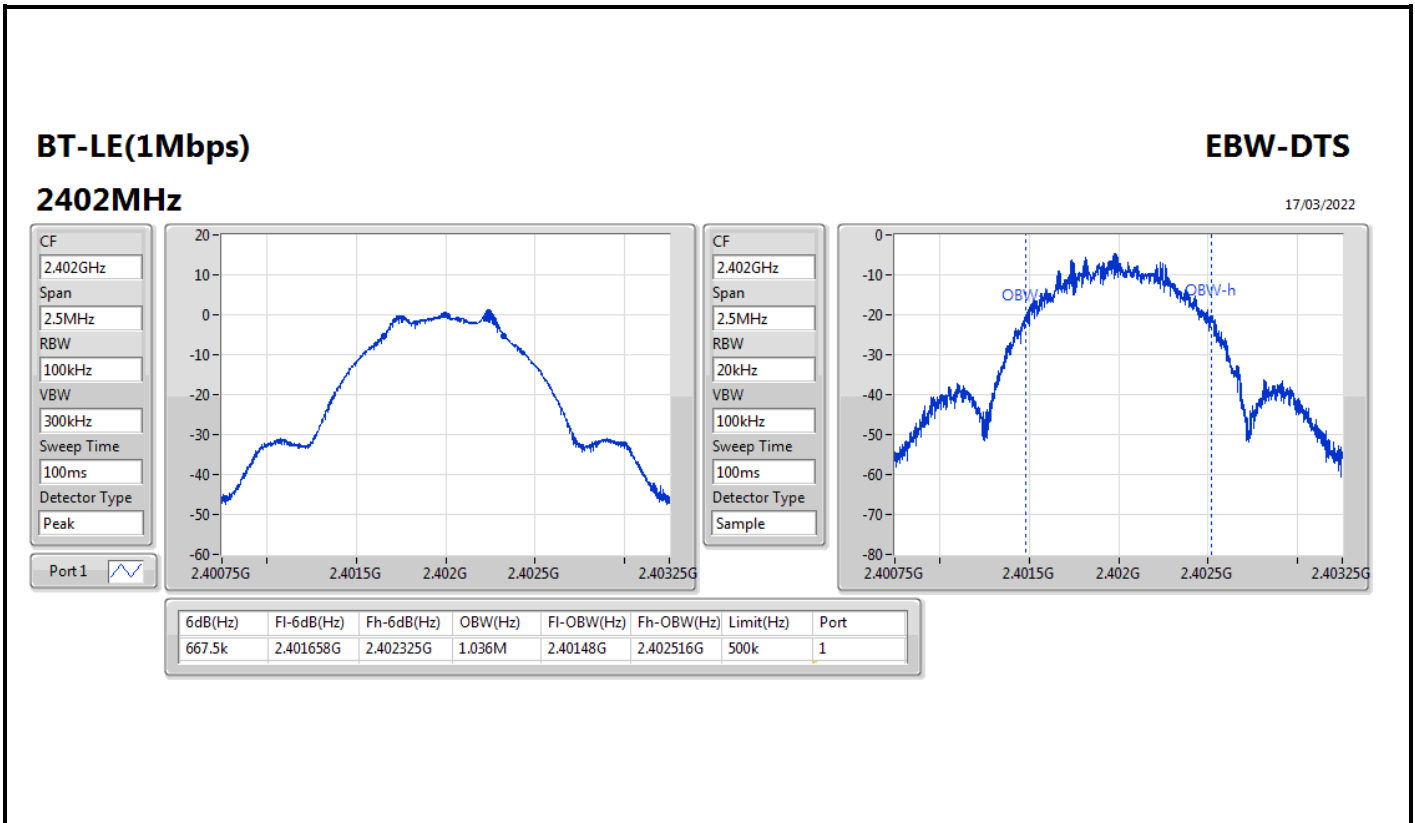
Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

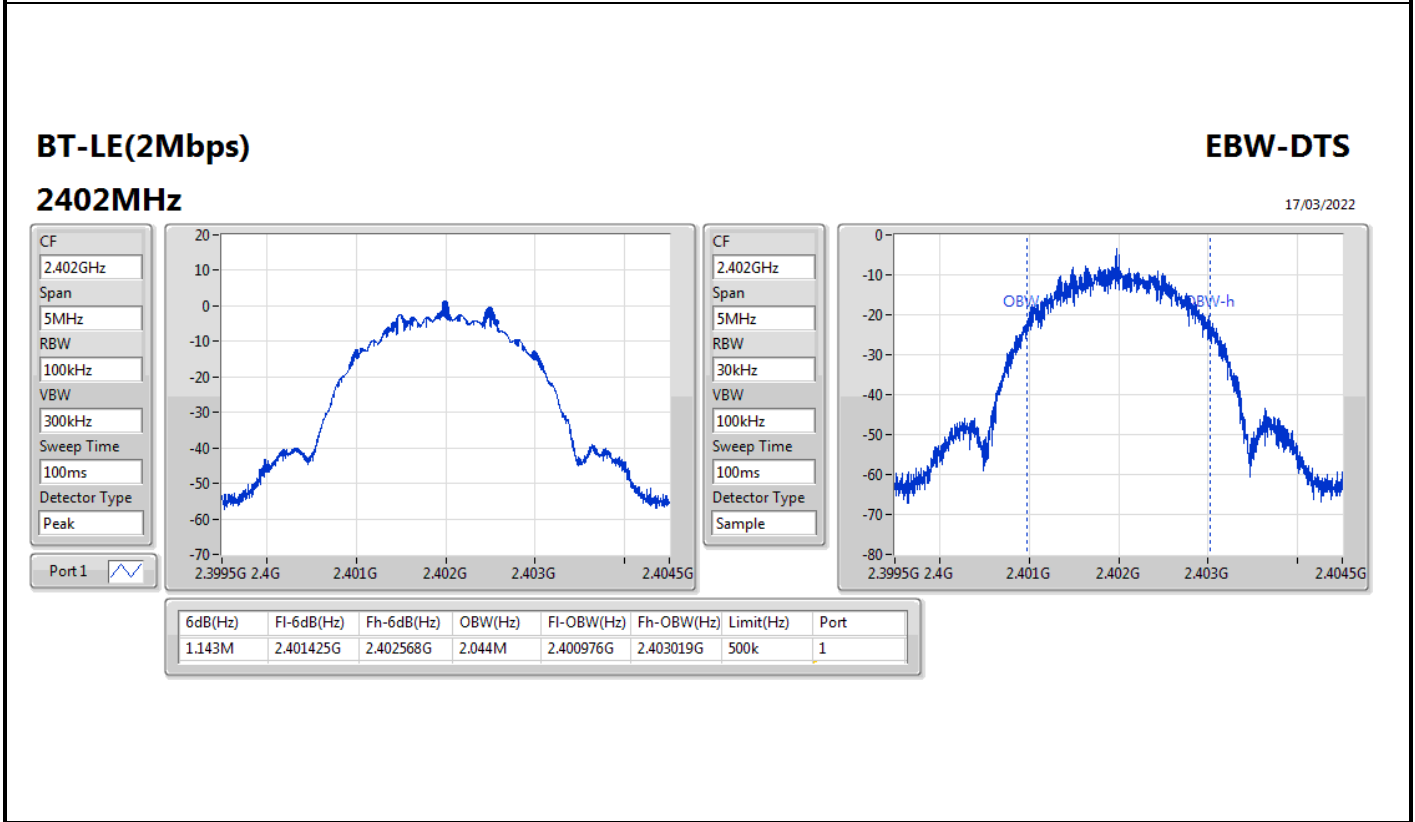
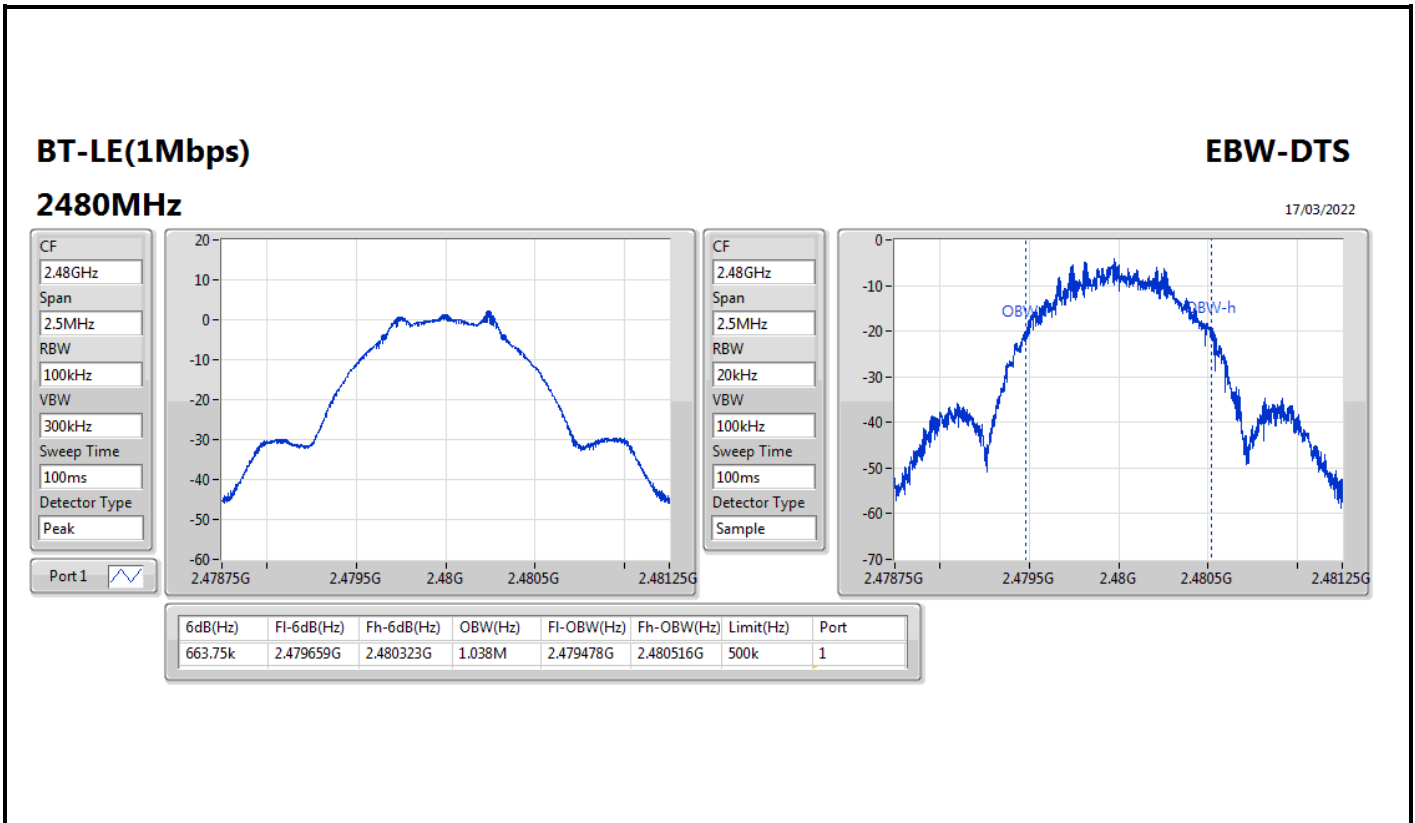


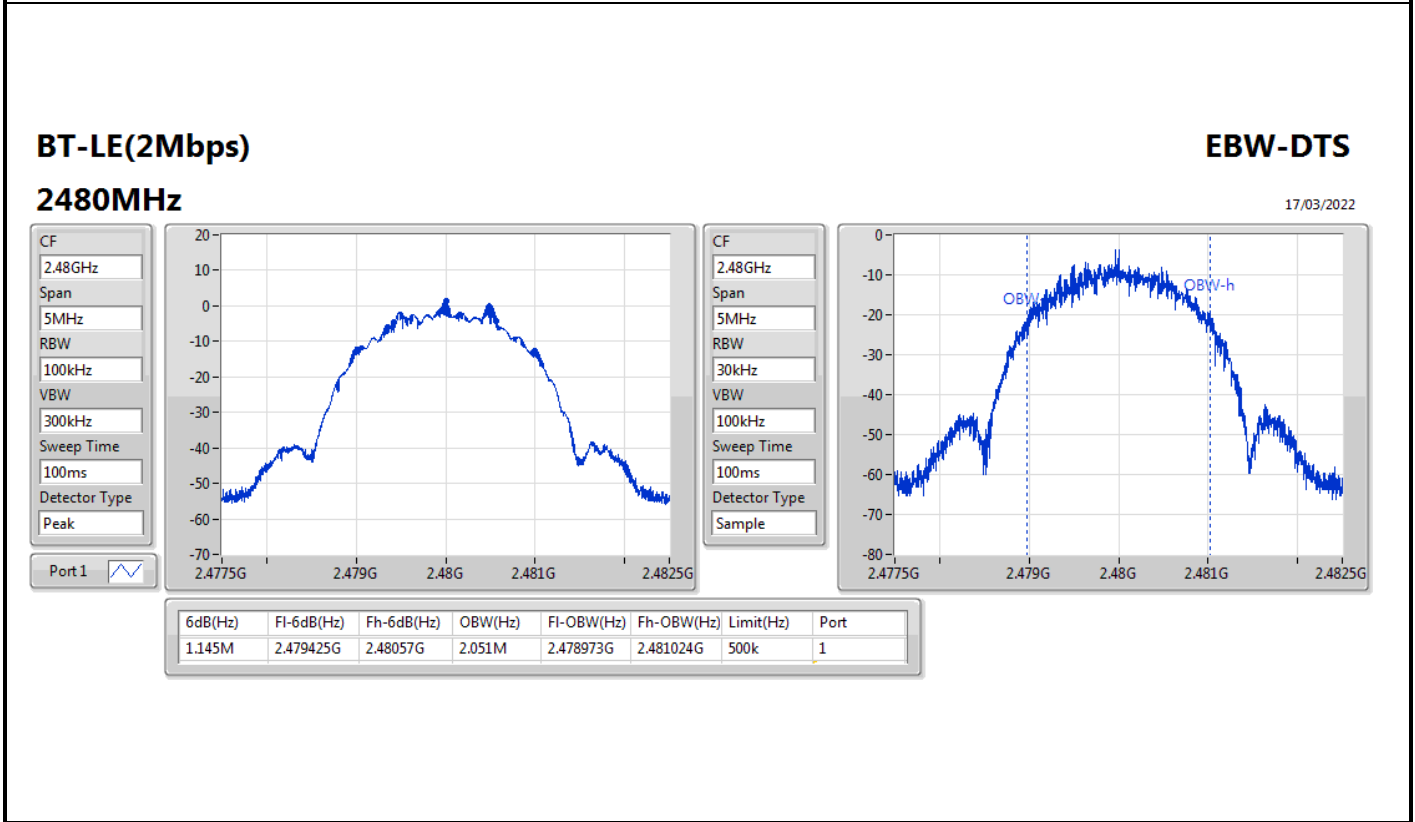
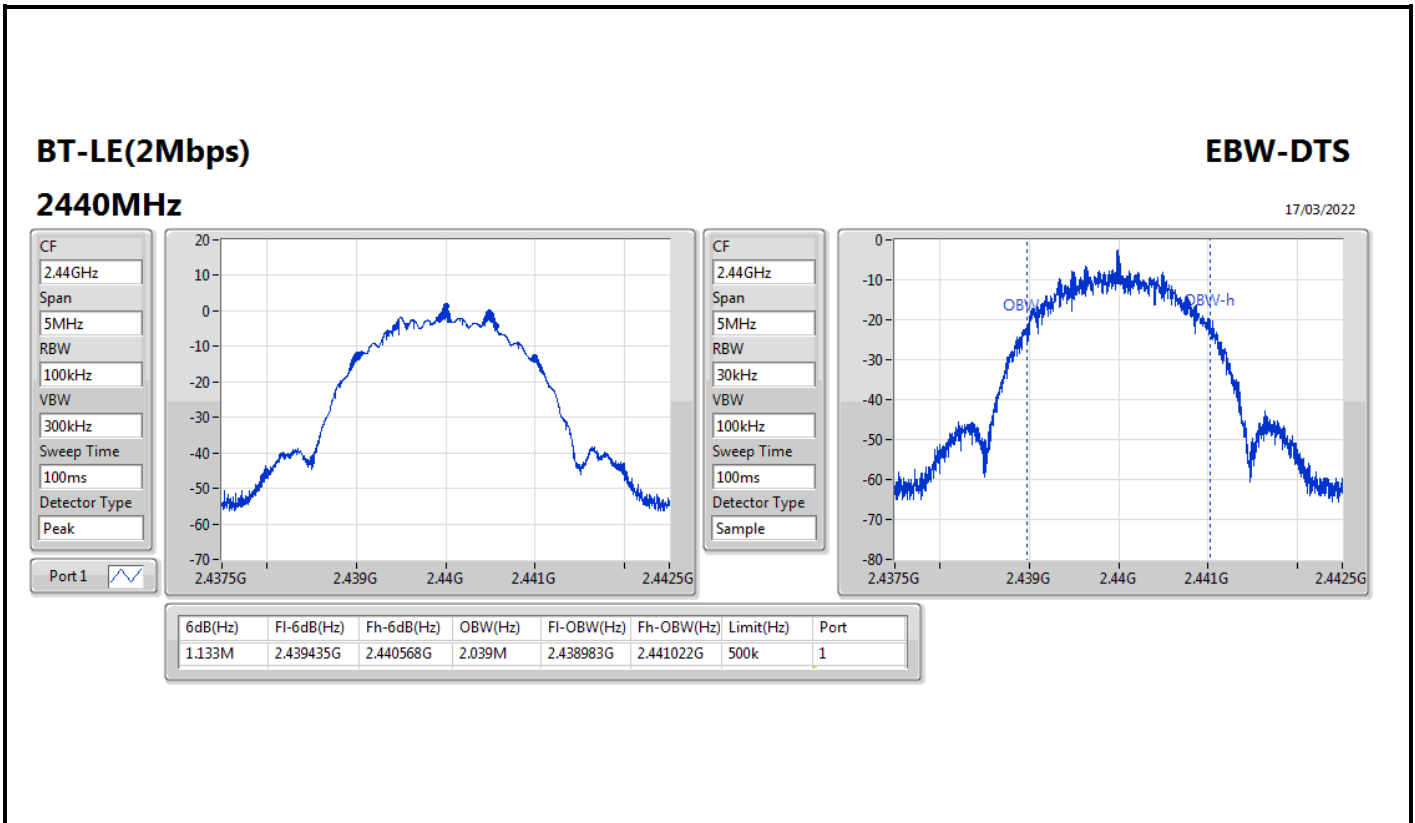
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	500k	667.5k	1.036M
2440MHz	Pass	500k	663.75k	1.036M
2480MHz	Pass	500k	663.75k	1.038M
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	500k	1.143M	2.044M
2440MHz	Pass	500k	1.133M	2.039M
2480MHz	Pass	500k	1.145M	2.051M

Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth









Summary

Mode	Power (dBm)	Power (W)
2.4-2.4835GHz	-	-
BT-LE(1Mbps)	1.55	0.00143
BT-LE(2Mbps)	1.54	0.00143



Result

Mode	Result	Gain (dBi)	Power (dBm)	Power Limit (dBm)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	0.80	0.79	30.00
2440MHz	Pass	0.80	1.29	30.00
2480MHz	Pass	0.80	1.55	30.00
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	0.80	0.63	30.00
2440MHz	Pass	0.80	1.18	30.00
2480MHz	Pass	0.80	1.54	30.00

DG = Directional Gain; Port X = Port X output power



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
BT-LE(1Mbps)	-15.25
BT-LE(2Mbps)	-17.55

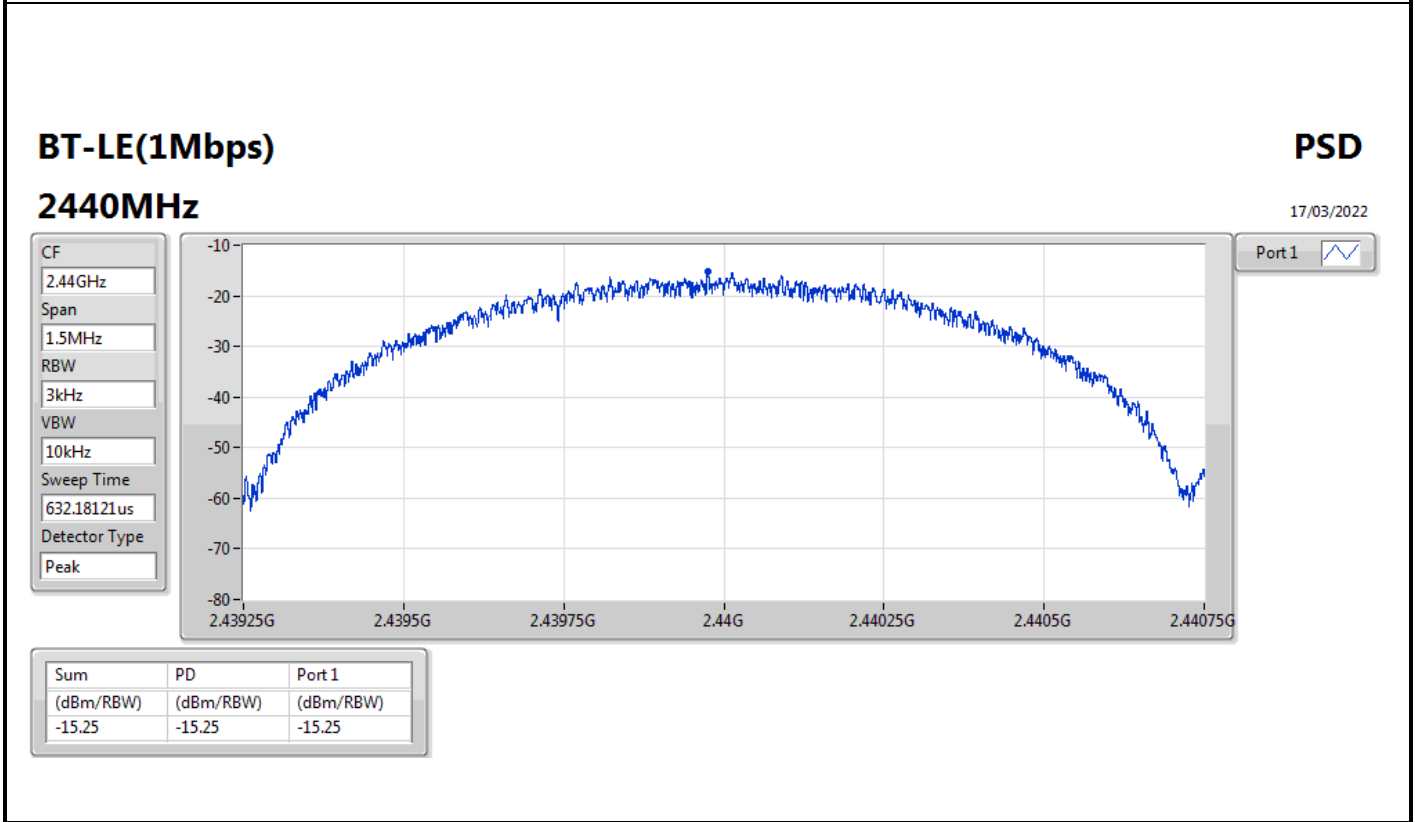
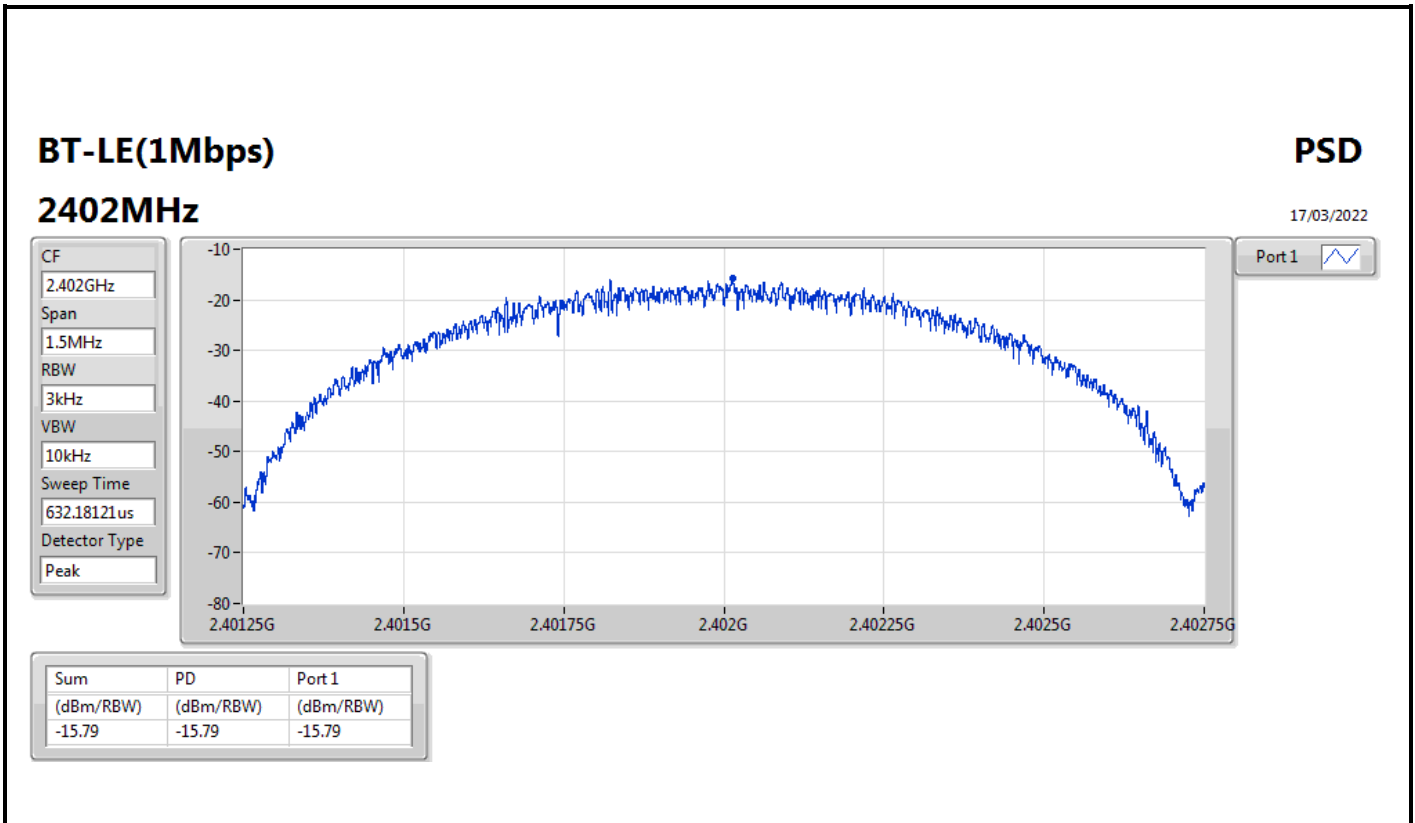
RBW = 3kHz;



Result

Mode	Result	Gain (dBi)	PD (dBm/RBW)	PD Limit (dBm/RBW)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	0.80	-15.79	8.00
2440MHz	Pass	0.80	-15.25	8.00
2480MHz	Pass	0.80	-15.26	8.00
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	0.80	-19.12	8.00
2440MHz	Pass	0.80	-17.55	8.00
2480MHz	Pass	0.80	-17.70	8.00

DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;



BT-LE(1Mbps)

PSD

2480MHz

17/03/2022

CF
2.48GHz

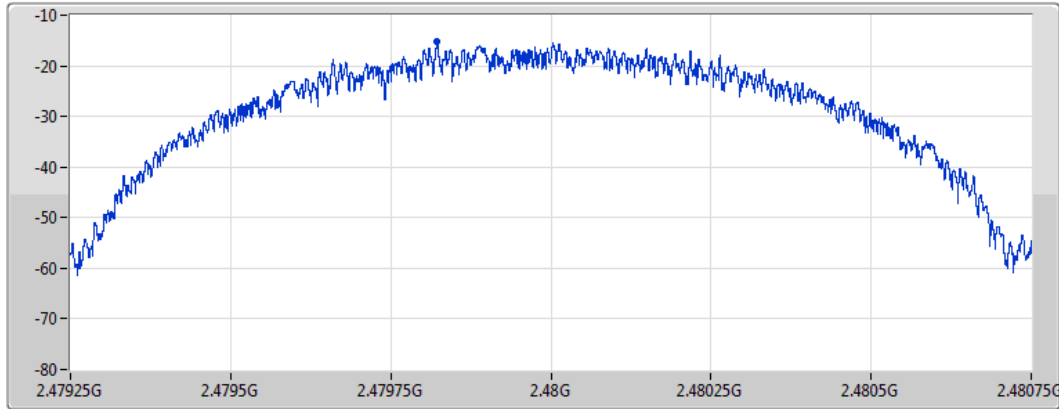
Span
1.5MHz


RBW
3kHz

VBW
10kHz

Sweep Time
632.18121us

Detector Type
Peak



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-15.26	-15.26	-15.26

BT-LE(2Mbps)

PSD

2402MHz

17/03/2022

CF
2.402GHz

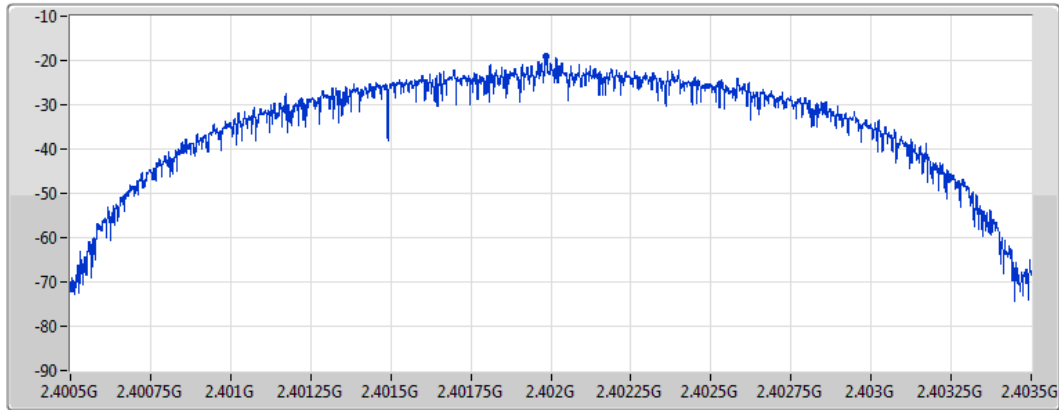
Span
3MHz


RBW
3kHz

VBW
10kHz

Sweep Time
632.01845us

Detector Type
Peak



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-19.12	-19.12	-19.12

BT-LE(2Mbps)

PSD

2440MHz

17/03/2022

CF
2.44GHz

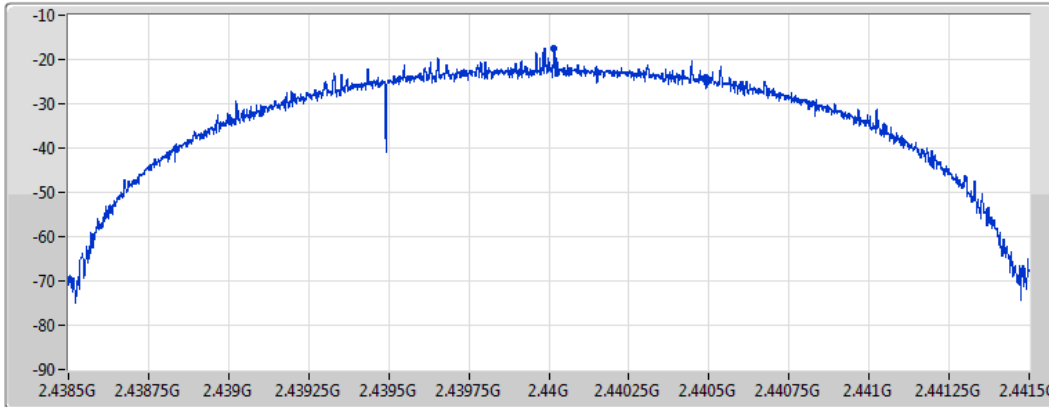
Span
3MHz


RBW
3kHz

VBW
10kHz

Sweep Time
632.01845us

Detector Type
Peak



Port 1 

Sum	PD	Port 1
(dBm/RTW)	(dBm/RTW)	(dBm/RTW)
-17.55	-17.55	-17.55

BT-LE(2Mbps)

PSD

2480MHz

17/03/2022

CF
2.48GHz

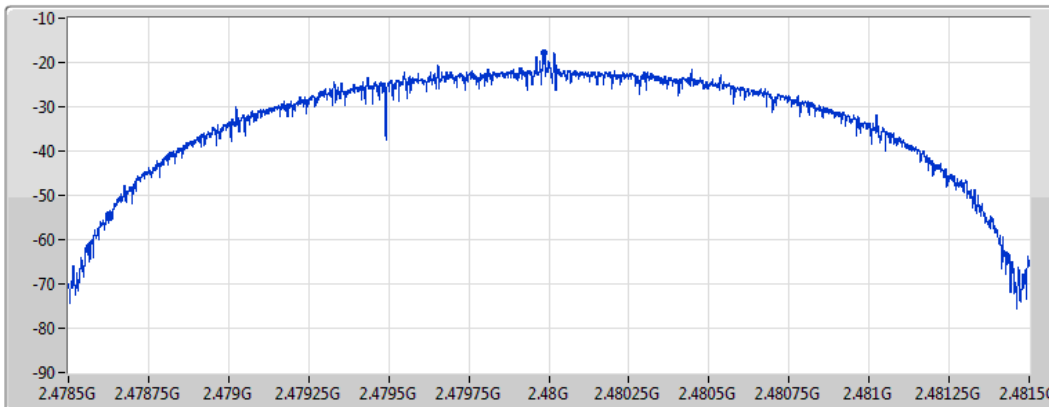
Span
3MHz


RBW
3kHz

VBW
10kHz

Sweep Time
632.01845us

Detector Type
Peak



Port 1 

Sum	PD	Port 1
(dBm/RTW)	(dBm/RTW)	(dBm/RTW)
-17.70	-17.70	-17.70



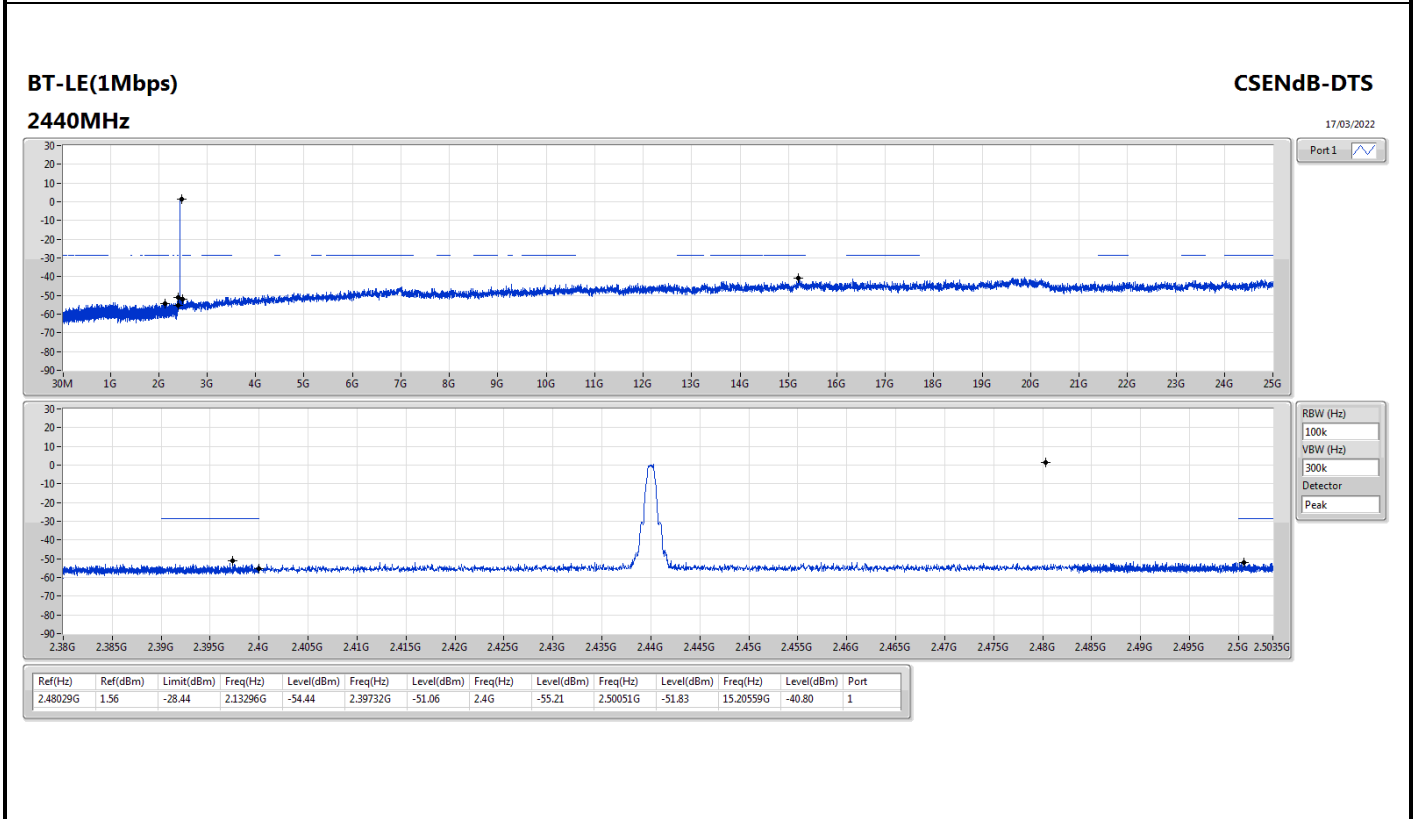
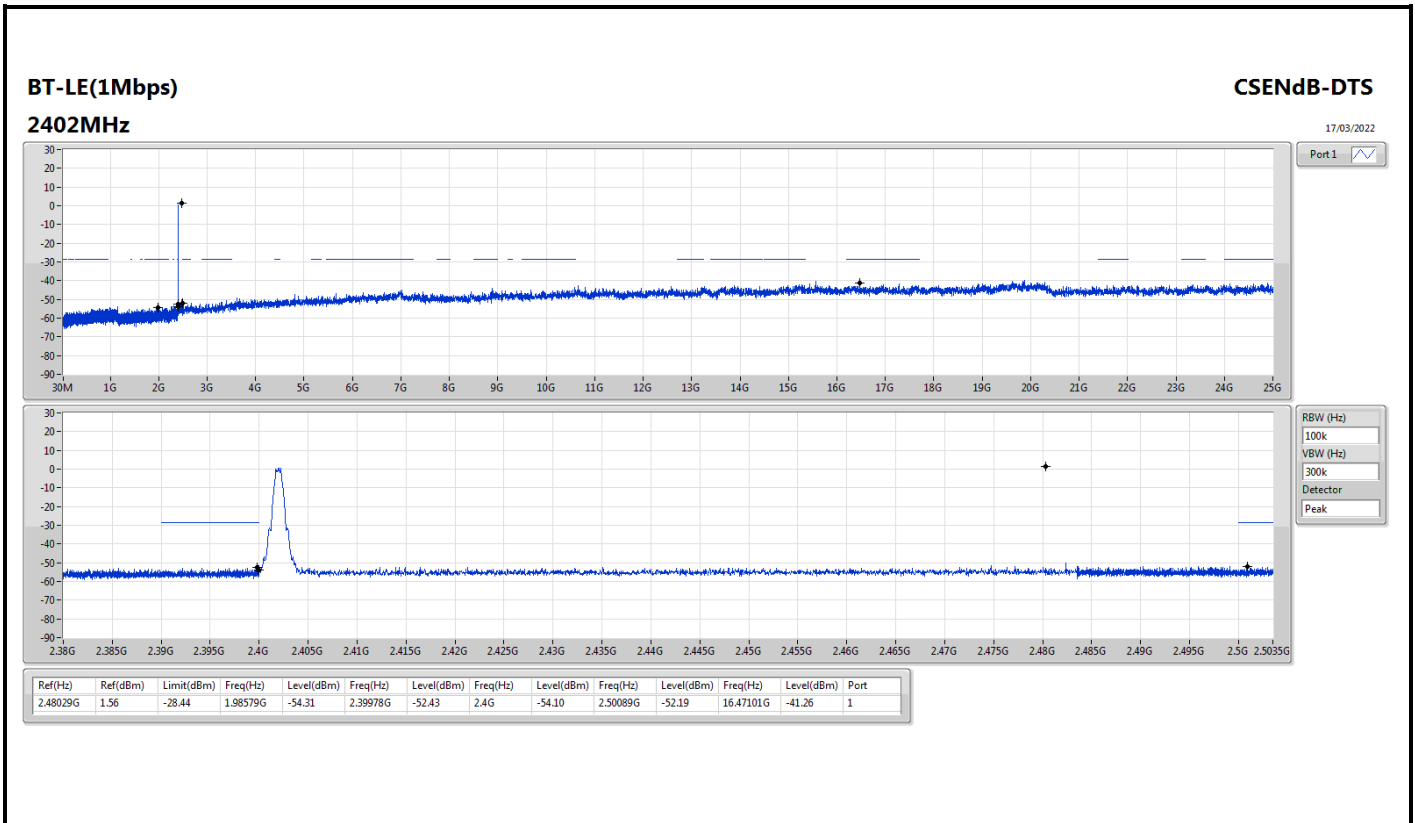
Summary

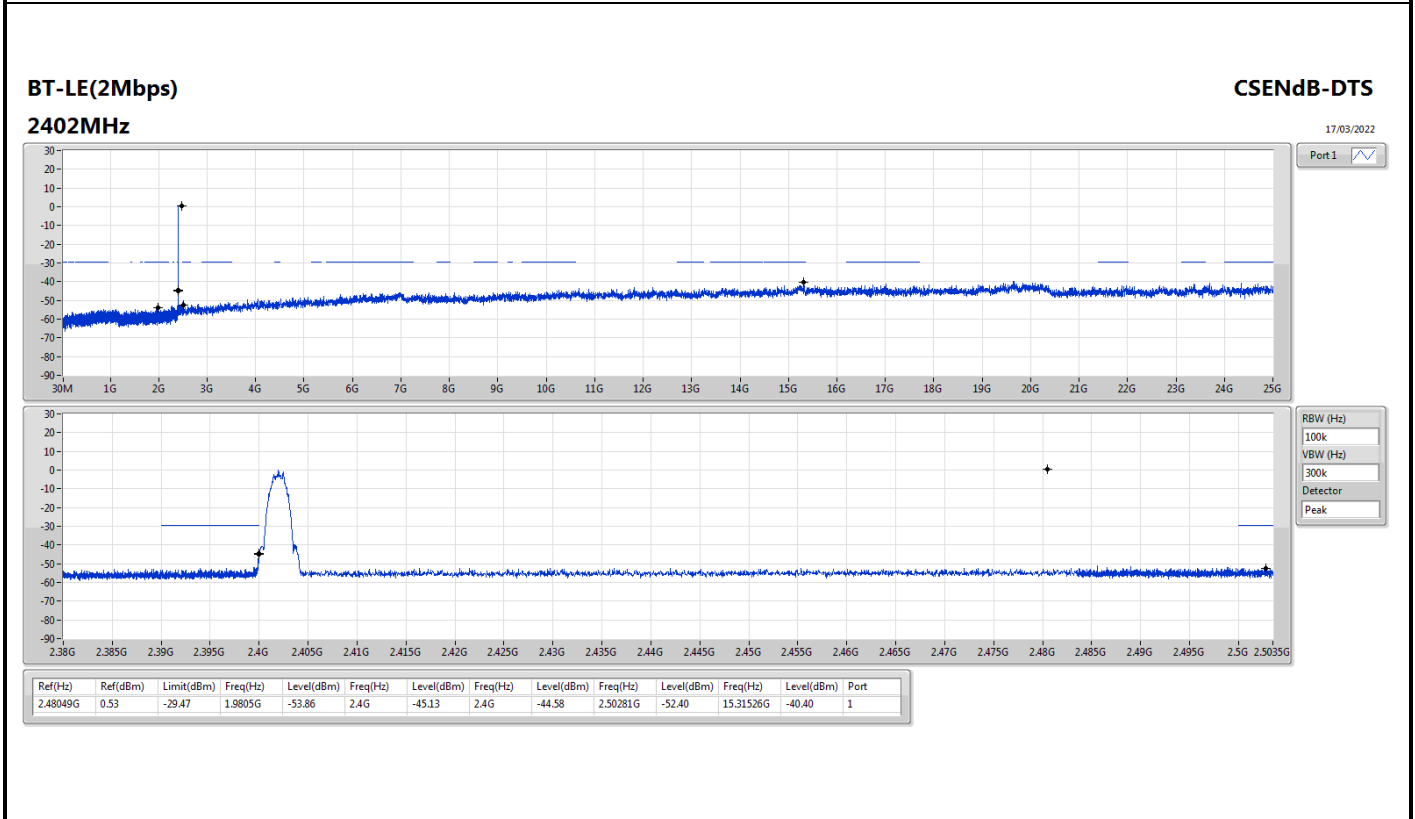
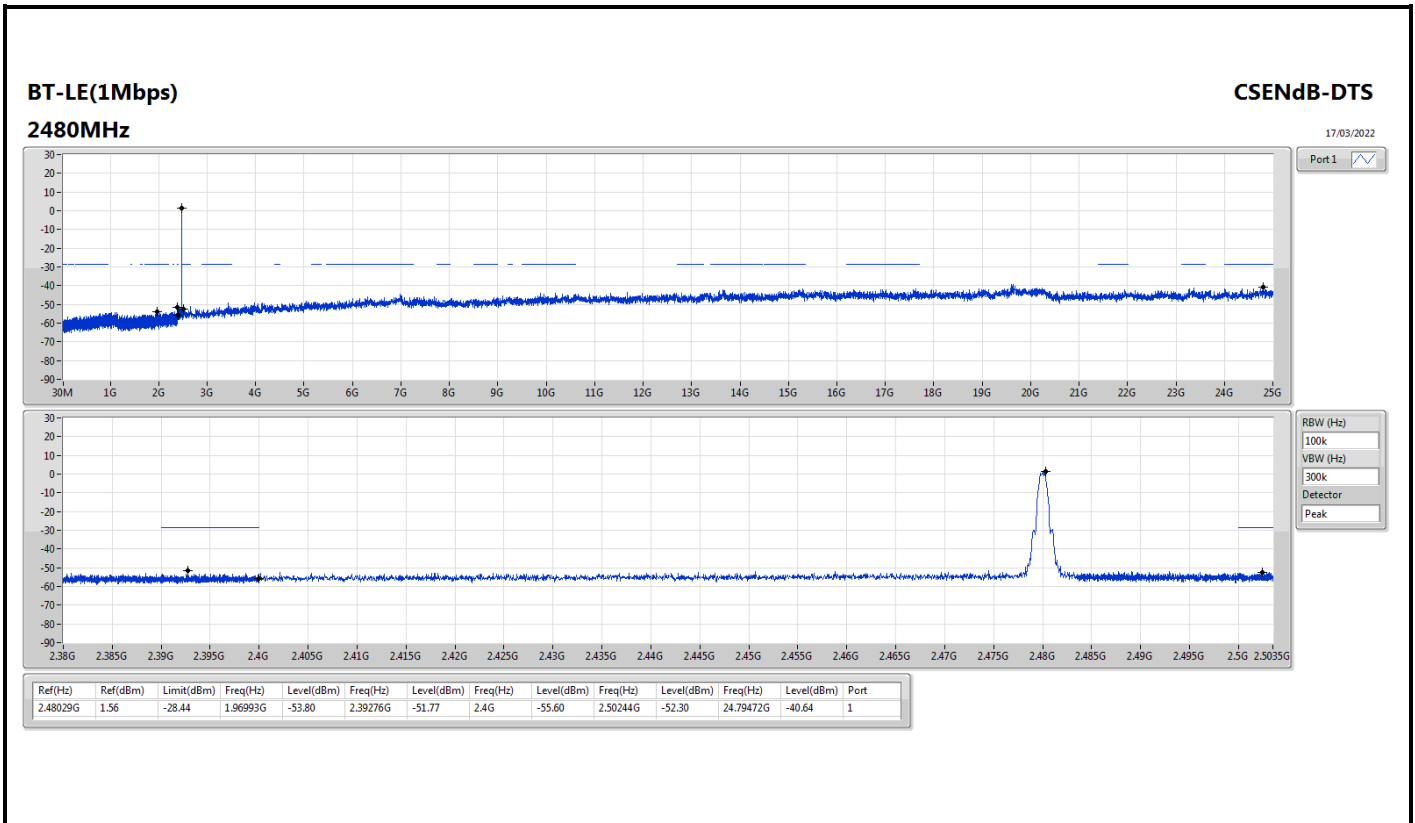
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BT-LE(1Mbps)	Pass	2.48029G	1.56	-28.44	2.13296G	-54.44	2.39732G	-51.06	2.4G	-55.21	2.50051G	-51.83	15.20559G	-40.80	1
BT-LE(2Mbps)	Pass	2.48049G	0.53	-29.47	1.9805G	-53.86	2.4G	-45.13	2.4G	-44.58	2.50281G	-52.40	15.31526G	-40.40	1

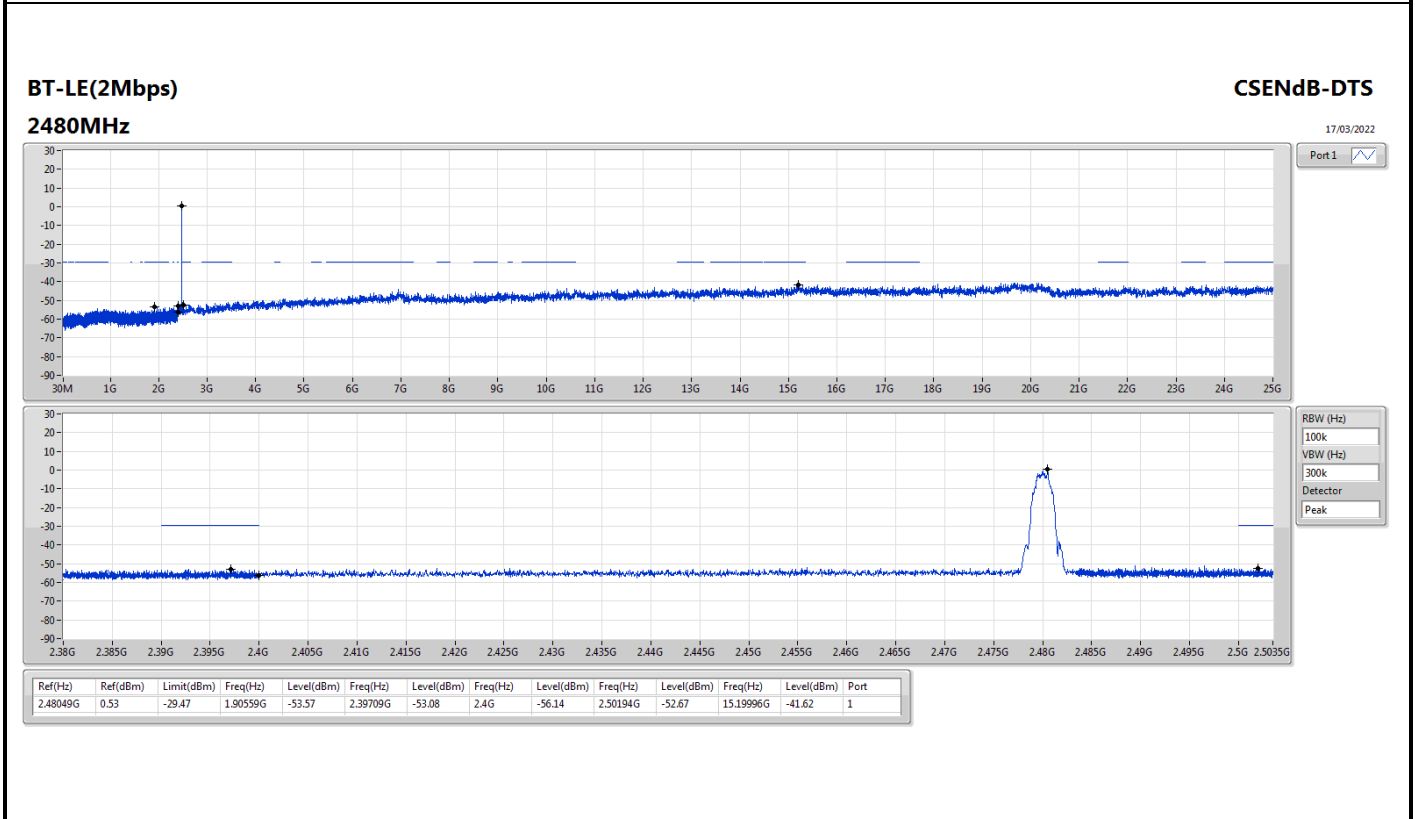
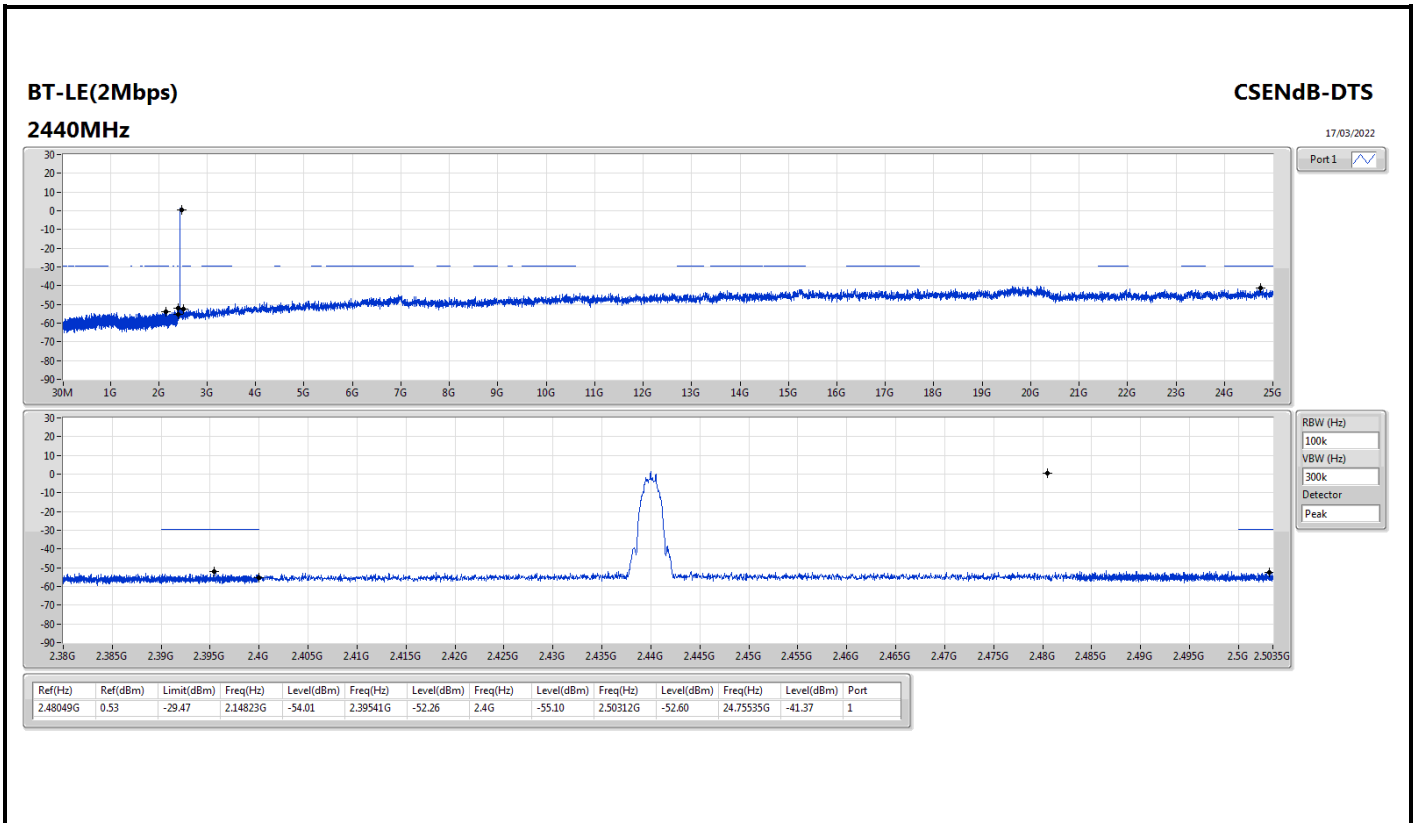


Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
BT-LE(1Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.48029G	1.56	-28.44	1.98579G	-54.31	2.39978G	-52.43	2.4G	-54.10	2.50089G	-52.19	16.47101G	-41.26	1
2440MHz	Pass	2.48029G	1.56	-28.44	2.13296G	-54.44	2.39732G	-51.06	2.4G	-55.21	2.50051G	-51.83	15.20559G	-40.80	1
2480MHz	Pass	2.48029G	1.56	-28.44	1.96993G	-53.80	2.39276G	-51.77	2.4G	-55.60	2.50244G	-52.30	24.79472G	-40.64	1
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.48049G	0.53	-29.47	1.9805G	-53.86	2.4G	-45.13	2.4G	-44.58	2.50281G	-52.40	15.31526G	-40.40	1
2440MHz	Pass	2.48049G	0.53	-29.47	2.14823G	-54.01	2.39541G	-52.26	2.4G	-55.10	2.50312G	-52.60	24.75535G	-41.37	1
2480MHz	Pass	2.48049G	0.53	-29.47	1.90559G	-53.57	2.39709G	-53.08	2.4G	-56.14	2.50194G	-52.67	15.19996G	-41.62	1









Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
BT-BR(1Mbps)	Pass	PK	840.92M	42.88	46.00	-3.12	3	Vertical	0	1.00	-
BT-EDR(3Mbps)	Pass	PK	840.92M	39.48	46.00	-6.52	3	Horizontal	0	1.00	-
BT-LE(1Mbps)	Pass	PK	776.9M	38.27	46.00	-7.73	3	Vertical	0	1.00	-
BT-LE(2Mbps)	Pass	PK	769.14M	37.17	46.00	-8.83	3	Horizontal	360	1.00	-



Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
BT-BR(1Mbps)	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	PK	121.18M	24.68	43.50	-18.82	3	Vertical	360	1.00	-
2402MHz	Pass	PK	264.74M	19.58	46.00	-26.42	3	Vertical	360	1.00	-
2402MHz	Pass	PK	497.54M	23.49	46.00	-22.51	3	Vertical	360	1.00	-
2402MHz	Pass	PK	769.14M	36.72	46.00	-9.28	3	Vertical	360	1.00	-
2402MHz	Pass	PK	840.92M	39.61	46.00	-6.39	3	Vertical	360	1.00	-
2402MHz	Pass	PK	953.44M	33.47	46.00	-12.53	3	Vertical	360	1.00	-
2402MHz	Pass	PK	148.34M	28.50	43.50	-15.00	3	Horizontal	0	1.00	-
2402MHz	Pass	PK	266.68M	24.58	46.00	-21.42	3	Horizontal	0	1.00	-
2402MHz	Pass	PK	559.62M	24.35	46.00	-21.65	3	Horizontal	0	1.00	-
2402MHz	Pass	PK	771.08M	36.22	46.00	-9.78	3	Horizontal	0	1.00	-
2402MHz	Pass	PK	840.92M	39.86	46.00	-6.14	3	Horizontal	0	1.00	-
2402MHz	Pass	PK	953.44M	32.68	46.00	-13.32	3	Horizontal	0	1.00	-
2402MHz	Pass	PK	119.24M	24.95	43.50	-18.55	3	Vertical	0	1.00	-
2402MHz	Pass	PK	266.68M	19.99	46.00	-26.01	3	Vertical	0	1.00	-
2402MHz	Pass	PK	493.66M	22.92	46.00	-23.08	3	Vertical	0	1.00	-
2402MHz	Pass	PK	769.14M	36.59	46.00	-9.41	3	Vertical	0	1.00	-
2402MHz	Pass	PK	840.92M	42.62	46.00	-3.38	3	Vertical	0	1.00	-
2402MHz	Pass	PK	953.44M	33.87	46.00	-12.13	3	Vertical	0	1.00	-
2402MHz	Pass	PK	148.34M	28.89	43.50	-14.61	3	Horizontal	360	1.00	-
2402MHz	Pass	PK	268.62M	23.92	46.00	-22.08	3	Horizontal	360	1.00	-
2402MHz	Pass	PK	497.54M	28.49	46.00	-17.51	3	Horizontal	360	1.00	-
2402MHz	Pass	PK	771.08M	37.33	46.00	-8.67	3	Horizontal	360	1.00	-
2402MHz	Pass	PK	840.92M	42.33	46.00	-3.67	3	Horizontal	360	1.00	-
2402MHz	Pass	PK	957.32M	33.68	46.00	-12.32	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	121.18M	24.97	43.50	-18.53	3	Vertical	360	1.00	-
2440MHz	Pass	PK	268.62M	19.67	46.00	-26.33	3	Vertical	360	1.00	-
2440MHz	Pass	PK	497.54M	26.60	46.00	-19.40	3	Vertical	360	1.00	-
2440MHz	Pass	PK	769.14M	37.05	46.00	-8.95	3	Vertical	360	1.00	-
2440MHz	Pass	PK	840.92M	39.96	46.00	-6.04	3	Vertical	360	1.00	-
2440MHz	Pass	PK	953.44M	32.68	46.00	-13.32	3	Vertical	360	1.00	-
2440MHz	Pass	PK	148.34M	29.13	43.50	-14.37	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	268.62M	24.25	46.00	-21.75	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	491.72M	24.85	46.00	-21.15	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	771.08M	38.08	46.00	-7.92	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	840.92M	39.31	46.00	-6.69	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	953.44M	32.97	46.00	-13.03	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	121.18M	24.99	43.50	-18.51	3	Vertical	0	1.00	-
2440MHz	Pass	PK	208.48M	24.29	43.50	-19.21	3	Vertical	0	1.00	-
2440MHz	Pass	PK	284.14M	24.17	46.00	-21.83	3	Vertical	0	1.00	-
2440MHz	Pass	PK	497.54M	23.55	46.00	-22.45	3	Vertical	0	1.00	-
2440MHz	Pass	PK	776.9M	37.59	46.00	-8.41	3	Vertical	0	1.00	-
2440MHz	Pass	PK	840.92M	42.87	46.00	-3.13	3	Vertical	0	1.00	-
2440MHz	Pass	PK	146.4M	28.15	43.50	-15.35	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	268.62M	24.13	46.00	-21.87	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	515M	28.52	46.00	-17.48	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	776.9M	36.92	46.00	-9.08	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	840.92M	42.10	46.00	-3.90	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	939.86M	33.05	46.00	-12.95	3	Horizontal	360	1.00	-
2480MHz	Pass	PK	121.18M	23.94	43.50	-19.56	3	Vertical	360	1.00	-
2480MHz	Pass	PK	293.84M	25.66	46.00	-20.34	3	Vertical	360	1.00	-
2480MHz	Pass	PK	497.54M	24.69	46.00	-21.31	3	Vertical	360	1.00	-
2480MHz	Pass	PK	769.14M	37.21	46.00	-8.79	3	Vertical	360	1.00	-
2480MHz	Pass	PK	840.92M	39.30	46.00	-6.70	3	Vertical	360	1.00	-
2480MHz	Pass	PK	953.44M	34.55	46.00	-11.45	3	Vertical	360	1.00	-
2480MHz	Pass	PK	148.34M	28.36	43.50	-15.14	3	Horizontal	0	1.00	-
2480MHz	Pass	PK	266.68M	23.62	46.00	-22.38	3	Horizontal	0	1.00	-
2480MHz	Pass	PK	497.54M	25.96	46.00	-20.04	3	Horizontal	0	1.00	-
2480MHz	Pass	PK	776.9M	36.82	46.00	-9.18	3	Horizontal	0	1.00	-
2480MHz	Pass	PK	840.92M	39.63	46.00	-6.37	3	Horizontal	0	1.00	-
2480MHz	Pass	PK	953.44M	33.44	46.00	-12.56	3	Horizontal	0	1.00	-



RSE TX below 1GHz

Appendix F.1

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2480MHz	Pass	PK	121.18M	24.81	43.50	-18.69	3	Vertical	0	1.00	-
2480MHz	Pass	PK	268.62M	19.96	46.00	-26.04	3	Vertical	0	1.00	-
2480MHz	Pass	PK	433.52M	21.73	46.00	-24.27	3	Vertical	0	1.00	-
2480MHz	Pass	PK	551.86M	24.80	46.00	-21.20	3	Vertical	0	1.00	-
2480MHz	Pass	PK	771.08M	36.93	46.00	-9.07	3	Vertical	0	1.00	-
2480MHz	Pass	PK	840.92M	42.88	46.00	-3.12	3	Vertical	0	1.00	-
2480MHz	Pass	PK	150.28M	28.25	43.50	-15.25	3	Horizontal	360	1.00	-
2480MHz	Pass	PK	268.62M	23.93	46.00	-22.07	3	Horizontal	360	1.00	-
2480MHz	Pass	PK	520.82M	23.98	46.00	-22.02	3	Horizontal	360	1.00	-
2480MHz	Pass	PK	769.14M	35.28	46.00	-10.72	3	Horizontal	360	1.00	-
2480MHz	Pass	PK	840.92M	42.61	46.00	-3.39	3	Horizontal	360	1.00	-
2480MHz	Pass	PK	939.86M	33.70	46.00	-12.30	3	Horizontal	360	1.00	-
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	PK	119.24M	20.15	43.50	-23.35	3	Vertical	360	1.00	-
2402MHz	Pass	PK	181.32M	19.50	43.50	-24.00	3	Vertical	360	1.00	-
2402MHz	Pass	PK	268.62M	18.80	46.00	-27.20	3	Vertical	360	1.00	-
2402MHz	Pass	PK	435.46M	21.78	46.00	-24.22	3	Vertical	360	1.00	-
2402MHz	Pass	PK	499.48M	26.09	46.00	-19.91	3	Vertical	360	1.00	-
2402MHz	Pass	PK	776.9M	37.39	46.00	-8.61	3	Vertical	360	1.00	-
2402MHz	Pass	PK	148.34M	28.02	43.50	-15.48	3	Horizontal	0	1.00	-
2402MHz	Pass	PK	268.62M	23.60	46.00	-22.40	3	Horizontal	0	1.00	-
2402MHz	Pass	PK	489.78M	25.68	46.00	-20.32	3	Horizontal	0	1.00	-
2402MHz	Pass	PK	769.14M	36.63	46.00	-9.37	3	Horizontal	0	1.00	-
2402MHz	Pass	PK	840.92M	39.48	46.00	-6.52	3	Horizontal	0	1.00	-
2402MHz	Pass	PK	934.04M	31.69	46.00	-14.31	3	Horizontal	0	1.00	-
2402MHz	Pass	PK	119.24M	23.93	43.50	-19.57	3	Vertical	0	1.00	-
2402MHz	Pass	PK	264.74M	19.30	46.00	-26.70	3	Vertical	0	1.00	-
2402MHz	Pass	PK	472.32M	21.44	46.00	-24.56	3	Vertical	0	1.00	-
2402MHz	Pass	PK	610.06M	24.43	46.00	-21.57	3	Vertical	0	1.00	-
2402MHz	Pass	PK	769.14M	36.55	46.00	-9.45	3	Vertical	0	1.00	-
2402MHz	Pass	PK	935.98M	33.34	46.00	-12.66	3	Vertical	0	1.00	-
2402MHz	Pass	PK	113.42M	20.16	43.50	-23.34	3	Horizontal	360	1.00	-
2402MHz	Pass	PK	173.56M	22.45	43.50	-21.05	3	Horizontal	360	1.00	-
2402MHz	Pass	PK	260.86M	21.75	46.00	-24.25	3	Horizontal	360	1.00	-
2402MHz	Pass	PK	580.96M	24.82	46.00	-21.18	3	Horizontal	360	1.00	-
2402MHz	Pass	PK	776.9M	36.18	46.00	-9.82	3	Horizontal	360	1.00	-
2402MHz	Pass	PK	955.38M	30.63	46.00	-15.37	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	130.88M	18.62	43.50	-24.88	3	Vertical	360	1.00	-
2440MHz	Pass	PK	200.72M	18.51	43.50	-24.99	3	Vertical	360	1.00	-
2440MHz	Pass	PK	385.02M	19.51	46.00	-26.49	3	Vertical	360	1.00	-
2440MHz	Pass	PK	516.94M	23.14	46.00	-22.86	3	Vertical	360	1.00	-
2440MHz	Pass	PK	575.14M	25.88	46.00	-20.12	3	Vertical	360	1.00	-
2440MHz	Pass	PK	778.84M	36.01	46.00	-9.99	3	Vertical	360	1.00	-
2440MHz	Pass	PK	140.58M	23.16	43.50	-20.34	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	185.2M	22.67	43.50	-20.83	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	260.86M	21.87	46.00	-24.13	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	433.52M	22.05	46.00	-23.95	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	575.14M	26.63	46.00	-19.37	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	776.9M	35.52	46.00	-10.48	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	121.18M	19.44	43.50	-24.06	3	Vertical	0	1.00	-
2440MHz	Pass	PK	194.9M	18.53	43.50	-24.97	3	Vertical	0	1.00	-
2440MHz	Pass	PK	274.44M	20.92	46.00	-25.08	3	Vertical	0	1.00	-
2440MHz	Pass	PK	491.72M	26.23	46.00	-19.77	3	Vertical	0	1.00	-
2440MHz	Pass	PK	776.9M	36.17	46.00	-9.83	3	Vertical	0	1.00	-
2440MHz	Pass	PK	935.98M	32.99	46.00	-13.01	3	Vertical	0	1.00	-
2440MHz	Pass	PK	111.48M	20.38	43.50	-23.12	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	264.74M	21.74	46.00	-24.26	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	319.06M	24.50	46.00	-21.50	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	491.72M	26.03	46.00	-19.97	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	776.9M	37.04	46.00	-8.96	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	953.44M	32.67	46.00	-13.33	3	Horizontal	360	1.00	-
2480MHz	Pass	PK	117.3M	19.09	43.50	-24.41	3	Vertical	360	1.00	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2480MHz	Pass	PK	262.8M	18.30	46.00	-27.70	3	Vertical	360	1.00	-
2480MHz	Pass	PK	476.2M	22.43	46.00	-23.57	3	Vertical	360	1.00	-
2480MHz	Pass	PK	575.14M	28.00	46.00	-18.00	3	Vertical	360	1.00	-
2480MHz	Pass	PK	776.9M	36.73	46.00	-9.27	3	Vertical	360	1.00	-
2480MHz	Pass	PK	935.98M	32.50	46.00	-13.50	3	Vertical	360	1.00	-
2480MHz	Pass	PK	185.2M	21.19	43.50	-22.31	3	Horizontal	0	1.00	-
2480MHz	Pass	PK	264.74M	21.87	46.00	-24.13	3	Horizontal	0	1.00	-
2480MHz	Pass	PK	561.56M	24.23	46.00	-21.77	3	Horizontal	0	1.00	-
2480MHz	Pass	PK	778.84M	36.36	46.00	-9.64	3	Horizontal	0	1.00	-
2480MHz	Pass	PK	930.16M	32.63	46.00	-13.37	3	Horizontal	0	1.00	-
2480MHz	Pass	PK	957.32M	31.90	46.00	-14.10	3	Horizontal	0	1.00	-
2480MHz	Pass	PK	125.06M	19.28	43.50	-24.22	3	Vertical	0	1.00	-
2480MHz	Pass	PK	429.64M	20.37	46.00	-25.63	3	Vertical	0	1.00	-
2480MHz	Pass	PK	546.04M	24.17	46.00	-21.83	3	Vertical	0	1.00	-
2480MHz	Pass	PK	683.78M	25.74	46.00	-20.26	3	Vertical	0	1.00	-
2480MHz	Pass	PK	776.9M	36.22	46.00	-9.78	3	Vertical	0	1.00	-
2480MHz	Pass	PK	934.04M	31.33	46.00	-14.67	3	Vertical	0	1.00	-
2480MHz	Pass	PK	144.46M	20.14	43.50	-23.36	3	Horizontal	360	1.00	-
2480MHz	Pass	PK	262.8M	21.25	46.00	-24.75	3	Horizontal	360	1.00	-
2480MHz	Pass	PK	497.54M	23.99	46.00	-22.01	3	Horizontal	360	1.00	-
2480MHz	Pass	PK	712.88M	26.36	46.00	-19.64	3	Horizontal	360	1.00	-
2480MHz	Pass	PK	778.84M	36.99	46.00	-9.01	3	Horizontal	360	1.00	-
2480MHz	Pass	PK	953.44M	31.58	46.00	-14.42	3	Horizontal	360	1.00	-
BT-LE(1Mbps)	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	PK	117.3M	21.70	43.50	-21.80	3	Vertical	360	1.00	-
2402MHz	Pass	PK	262.8M	18.39	46.00	-27.61	3	Vertical	360	1.00	-
2402MHz	Pass	PK	435.46M	20.83	46.00	-25.17	3	Vertical	360	1.00	-
2402MHz	Pass	PK	613.94M	25.21	46.00	-20.79	3	Vertical	360	1.00	-
2402MHz	Pass	PK	776.9M	37.41	46.00	-8.59	3	Vertical	360	1.00	-
2402MHz	Pass	PK	953.44M	32.86	46.00	-13.14	3	Vertical	360	1.00	-
2402MHz	Pass	PK	154.16M	21.43	43.50	-22.07	3	Horizontal	0	1.00	-
2402MHz	Pass	PK	332.64M	25.23	46.00	-20.77	3	Horizontal	0	1.00	-
2402MHz	Pass	PK	394.72M	29.55	46.00	-16.45	3	Horizontal	0	1.00	-
2402MHz	Pass	PK	489.78M	26.92	46.00	-19.08	3	Horizontal	0	1.00	-
2402MHz	Pass	PK	769.14M	36.62	46.00	-9.38	3	Horizontal	0	1.00	-
2402MHz	Pass	PK	930.16M	32.20	46.00	-13.80	3	Horizontal	0	1.00	-
2402MHz	Pass	PK	121.18M	19.05	43.50	-24.45	3	Vertical	0	1.00	-
2402MHz	Pass	PK	260.86M	17.59	46.00	-28.41	3	Vertical	0	1.00	-
2402MHz	Pass	PK	359.8M	19.94	46.00	-26.06	3	Vertical	0	1.00	-
2402MHz	Pass	PK	559.62M	24.10	46.00	-21.90	3	Vertical	0	1.00	-
2402MHz	Pass	PK	769.14M	36.51	46.00	-9.49	3	Vertical	0	1.00	-
2402MHz	Pass	PK	953.44M	33.68	46.00	-12.32	3	Vertical	0	1.00	-
2402MHz	Pass	PK	101.78M	22.42	43.50	-21.08	3	Horizontal	360	1.00	-
2402MHz	Pass	PK	169.68M	22.69	43.50	-20.81	3	Horizontal	360	1.00	-
2402MHz	Pass	PK	297.72M	26.67	46.00	-19.33	3	Horizontal	360	1.00	-
2402MHz	Pass	PK	499.48M	25.16	46.00	-20.84	3	Horizontal	360	1.00	-
2402MHz	Pass	PK	769.14M	36.78	46.00	-9.22	3	Horizontal	360	1.00	-
2402MHz	Pass	PK	953.44M	32.91	46.00	-13.09	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	130.88M	19.35	43.50	-24.15	3	Vertical	360	1.00	-
2440MHz	Pass	PK	260.86M	16.28	46.00	-29.72	3	Vertical	360	1.00	-
2440MHz	Pass	PK	499.48M	23.35	46.00	-22.65	3	Vertical	360	1.00	-
2440MHz	Pass	PK	575.14M	24.76	46.00	-21.24	3	Vertical	360	1.00	-
2440MHz	Pass	PK	769.14M	35.92	46.00	-10.08	3	Vertical	360	1.00	-
2440MHz	Pass	PK	953.44M	32.39	46.00	-13.61	3	Vertical	360	1.00	-
2440MHz	Pass	PK	142.52M	19.22	43.50	-24.28	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	309.36M	20.62	46.00	-25.38	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	580.96M	23.95	46.00	-22.05	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	625.58M	25.66	46.00	-20.34	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	769.14M	36.25	46.00	-9.75	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	957.32M	32.40	46.00	-13.60	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	119.24M	20.81	43.50	-22.69	3	Vertical	0	1.00	-
2440MHz	Pass	PK	274.44M	18.41	46.00	-27.59	3	Vertical	0	1.00	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2440MHz	Pass	PK	359.8M	19.71	46.00	-26.29	3	Vertical	0	1.00	-
2440MHz	Pass	PK	497.54M	23.84	46.00	-22.16	3	Vertical	0	1.00	-
2440MHz	Pass	PK	776.9M	36.12	46.00	-9.88	3	Vertical	0	1.00	-
2440MHz	Pass	PK	957.32M	33.16	46.00	-12.84	3	Vertical	0	1.00	-
2440MHz	Pass	PK	148.34M	21.65	43.50	-21.85	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	282.2M	21.73	46.00	-24.27	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	499.48M	24.47	46.00	-21.53	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	776.9M	37.64	46.00	-8.36	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	930.16M	32.26	46.00	-13.74	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	953.44M	33.93	46.00	-12.07	3	Horizontal	360	1.00	-
2480MHz	Pass	PK	119.24M	22.47	43.50	-21.03	3	Vertical	360	1.00	-
2480MHz	Pass	PK	185.2M	18.36	43.50	-25.14	3	Vertical	360	1.00	-
2480MHz	Pass	PK	264.74M	18.09	46.00	-27.91	3	Vertical	360	1.00	-
2480MHz	Pass	PK	516.94M	24.36	46.00	-21.64	3	Vertical	360	1.00	-
2480MHz	Pass	PK	778.84M	36.97	46.00	-9.03	3	Vertical	360	1.00	-
2480MHz	Pass	PK	934.04M	33.18	46.00	-12.82	3	Vertical	360	1.00	-
2480MHz	Pass	PK	152.22M	21.91	43.50	-21.59	3	Horizontal	0	1.00	-
2480MHz	Pass	PK	268.62M	21.77	46.00	-24.23	3	Horizontal	0	1.00	-
2480MHz	Pass	PK	499.48M	25.00	46.00	-21.00	3	Horizontal	0	1.00	-
2480MHz	Pass	PK	559.62M	24.56	46.00	-21.44	3	Horizontal	0	1.00	-
2480MHz	Pass	PK	776.9M	35.45	46.00	-10.55	3	Horizontal	0	1.00	-
2480MHz	Pass	PK	930.16M	32.05	46.00	-13.95	3	Horizontal	0	1.00	-
2480MHz	Pass	PK	115.36M	22.73	43.50	-20.77	3	Vertical	0	1.00	-
2480MHz	Pass	PK	185.2M	20.80	43.50	-22.70	3	Vertical	0	1.00	-
2480MHz	Pass	PK	289.96M	22.79	46.00	-23.21	3	Vertical	0	1.00	-
2480MHz	Pass	PK	619.76M	25.92	46.00	-20.08	3	Vertical	0	1.00	-
2480MHz	Pass	PK	776.9M	38.27	46.00	-7.73	3	Vertical	0	1.00	-
2480MHz	Pass	PK	939.86M	31.49	46.00	-14.51	3	Vertical	0	1.00	-
2480MHz	Pass	PK	142.52M	20.98	43.50	-22.52	3	Horizontal	360	1.00	-
2480MHz	Pass	PK	185.2M	20.25	43.50	-23.25	3	Horizontal	360	1.00	-
2480MHz	Pass	PK	288.02M	18.76	46.00	-27.24	3	Horizontal	360	1.00	-
2480MHz	Pass	PK	575.14M	27.76	46.00	-18.24	3	Horizontal	360	1.00	-
2480MHz	Pass	PK	776.9M	37.43	46.00	-8.57	3	Horizontal	360	1.00	-
2480MHz	Pass	PK	953.44M	32.18	46.00	-13.82	3	Horizontal	360	1.00	-
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	PK	119.24M	21.59	43.50	-21.91	3	Vertical	360	1.00	-
2402MHz	Pass	PK	185.2M	21.92	43.50	-21.58	3	Vertical	360	1.00	-
2402MHz	Pass	PK	266.68M	19.17	46.00	-26.83	3	Vertical	360	1.00	-
2402MHz	Pass	PK	359.8M	19.65	46.00	-26.35	3	Vertical	360	1.00	-
2402MHz	Pass	PK	575.14M	25.57	46.00	-20.43	3	Vertical	360	1.00	-
2402MHz	Pass	PK	776.9M	37.05	46.00	-8.95	3	Vertical	360	1.00	-
2402MHz	Pass	PK	146.4M	27.67	43.50	-15.83	3	Horizontal	0	1.00	-
2402MHz	Pass	PK	264.74M	21.48	46.00	-24.52	3	Horizontal	0	1.00	-
2402MHz	Pass	PK	499.48M	23.86	46.00	-22.14	3	Horizontal	0	1.00	-
2402MHz	Pass	PK	776.9M	35.58	46.00	-10.42	3	Horizontal	0	1.00	-
2402MHz	Pass	PK	934.04M	32.06	46.00	-13.94	3	Horizontal	0	1.00	-
2402MHz	Pass	PK	953.44M	32.49	46.00	-13.51	3	Horizontal	0	1.00	-
2402MHz	Pass	PK	115.36M	21.60	43.50	-21.90	3	Vertical	0	1.00	-
2402MHz	Pass	PK	288.02M	17.98	46.00	-28.02	3	Vertical	0	1.00	-
2402MHz	Pass	PK	359.8M	18.71	46.00	-27.29	3	Vertical	0	1.00	-
2402MHz	Pass	PK	627.52M	25.69	46.00	-20.31	3	Vertical	0	1.00	-
2402MHz	Pass	PK	769.14M	36.03	46.00	-9.97	3	Vertical	0	1.00	-
2402MHz	Pass	PK	932.1M	31.62	46.00	-14.38	3	Vertical	0	1.00	-
2402MHz	Pass	PK	119.24M	20.90	43.50	-22.60	3	Horizontal	360	1.00	-
2402MHz	Pass	PK	264.74M	21.53	46.00	-24.47	3	Horizontal	360	1.00	-
2402MHz	Pass	PK	497.54M	29.12	46.00	-16.88	3	Horizontal	360	1.00	-
2402MHz	Pass	PK	769.14M	37.17	46.00	-8.83	3	Horizontal	360	1.00	-
2402MHz	Pass	PK	930.16M	32.54	46.00	-13.46	3	Horizontal	360	1.00	-
2402MHz	Pass	PK	953.44M	32.67	46.00	-13.33	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	109.54M	19.02	43.50	-24.48	3	Vertical	360	1.00	-
2440MHz	Pass	PK	264.74M	19.05	46.00	-26.95	3	Vertical	360	1.00	-
2440MHz	Pass	PK	439.34M	20.53	46.00	-25.47	3	Vertical	360	1.00	-

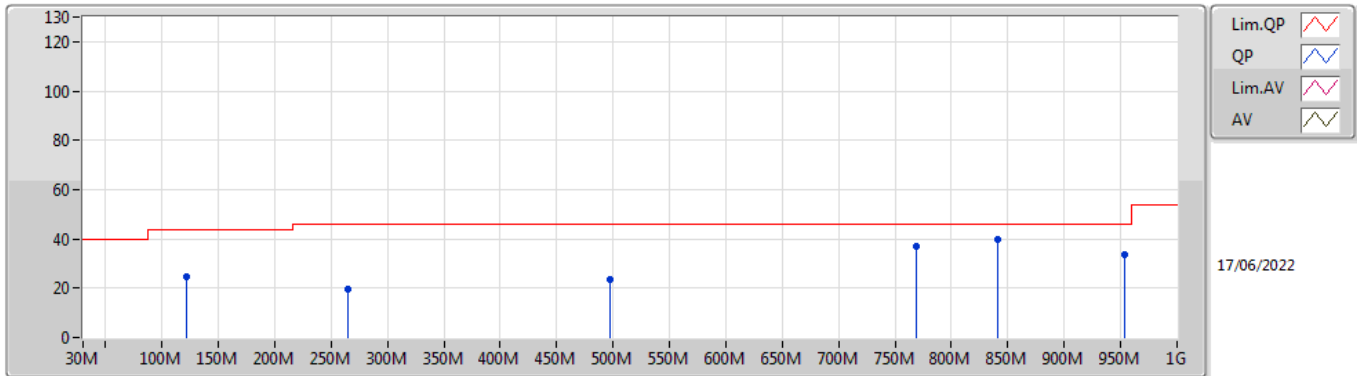


RSE TX below 1GHz

Appendix F.1

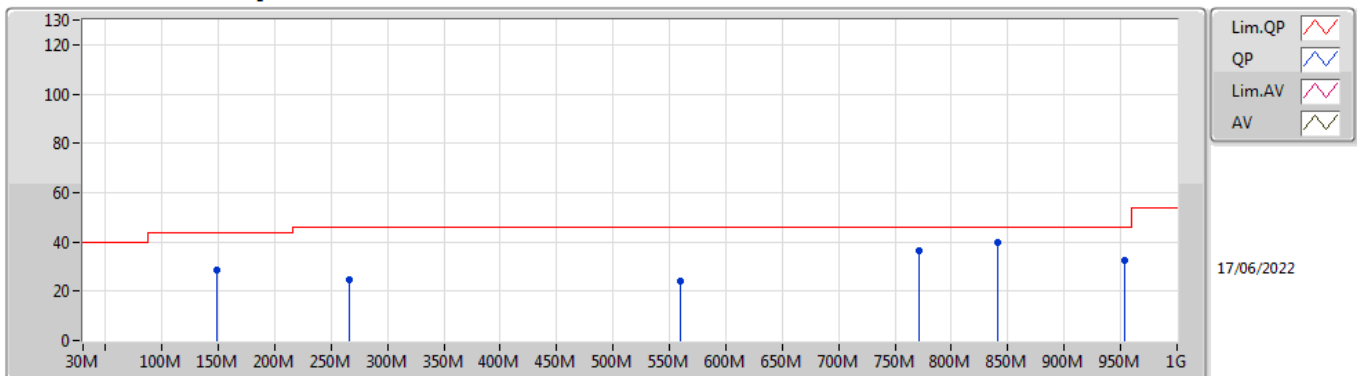
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2440MHz	Pass	PK	582.9M	24.29	46.00	-21.71	3	Vertical	360	1.00	-
2440MHz	Pass	PK	771.08M	36.71	46.00	-9.29	3	Vertical	360	1.00	-
2440MHz	Pass	PK	953.44M	33.67	46.00	-12.33	3	Vertical	360	1.00	-
2440MHz	Pass	PK	142.52M	25.26	43.50	-18.24	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	189.08M	26.70	43.50	-16.80	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	311.3M	21.92	46.00	-24.08	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	491.72M	27.09	46.00	-18.91	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	575.14M	26.96	46.00	-19.04	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	769.14M	36.36	46.00	-9.64	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	128.94M	20.09	43.50	-23.41	3	Vertical	0	1.00	-
2440MHz	Pass	PK	185.2M	20.68	43.50	-22.82	3	Vertical	0	1.00	-
2440MHz	Pass	PK	435.46M	21.21	46.00	-24.79	3	Vertical	0	1.00	-
2440MHz	Pass	PK	557.68M	24.12	46.00	-21.88	3	Vertical	0	1.00	-
2440MHz	Pass	PK	769.14M	35.70	46.00	-10.30	3	Vertical	0	1.00	-
2440MHz	Pass	PK	953.44M	33.85	46.00	-12.15	3	Vertical	0	1.00	-
2440MHz	Pass	PK	101.78M	26.07	43.50	-17.43	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	288.02M	20.89	46.00	-25.11	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	563.5M	23.99	46.00	-22.01	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	776.9M	36.62	46.00	-9.38	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	930.16M	31.85	46.00	-14.15	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	953.44M	32.56	46.00	-13.44	3	Horizontal	360	1.00	-
2480MHz	Pass	PK	130.88M	18.69	43.50	-24.81	3	Vertical	360	1.00	-
2480MHz	Pass	PK	359.8M	19.57	46.00	-26.43	3	Vertical	360	1.00	-
2480MHz	Pass	PK	474.26M	21.46	46.00	-24.54	3	Vertical	360	1.00	-
2480MHz	Pass	PK	579.02M	24.66	46.00	-21.34	3	Vertical	360	1.00	-
2480MHz	Pass	PK	776.9M	35.69	46.00	-10.31	3	Vertical	360	1.00	-
2480MHz	Pass	PK	935.98M	32.98	46.00	-13.02	3	Vertical	360	1.00	-
2480MHz	Pass	PK	55.22M	23.40	40.00	-16.60	3	Horizontal	0	1.00	-
2480MHz	Pass	PK	142.52M	20.15	43.50	-23.35	3	Horizontal	0	1.00	-
2480MHz	Pass	PK	284.14M	21.59	46.00	-24.41	3	Horizontal	0	1.00	-
2480MHz	Pass	PK	493.66M	27.39	46.00	-18.61	3	Horizontal	0	1.00	-
2480MHz	Pass	PK	776.9M	35.46	46.00	-10.54	3	Horizontal	0	1.00	-
2480MHz	Pass	PK	930.16M	31.50	46.00	-14.50	3	Horizontal	0	1.00	-
2480MHz	Pass	PK	121.18M	19.76	43.50	-23.74	3	Vertical	0	1.00	-
2480MHz	Pass	PK	177.44M	17.16	43.50	-26.34	3	Vertical	0	1.00	-
2480MHz	Pass	PK	359.8M	18.63	46.00	-27.37	3	Vertical	0	1.00	-
2480MHz	Pass	PK	499.48M	23.03	46.00	-22.97	3	Vertical	0	1.00	-
2480MHz	Pass	PK	776.9M	36.86	46.00	-9.14	3	Vertical	0	1.00	-
2480MHz	Pass	PK	953.44M	32.16	46.00	-13.84	3	Vertical	0	1.00	-
2480MHz	Pass	PK	142.52M	19.40	43.50	-24.10	3	Horizontal	360	1.00	-
2480MHz	Pass	PK	286.08M	26.78	46.00	-19.22	3	Horizontal	360	1.00	-
2480MHz	Pass	PK	513.06M	24.43	46.00	-21.57	3	Horizontal	360	1.00	-
2480MHz	Pass	PK	769.14M	35.30	46.00	-10.70	3	Horizontal	360	1.00	-
2480MHz	Pass	PK	930.16M	32.18	46.00	-13.82	3	Horizontal	360	1.00	-
2480MHz	Pass	PK	953.44M	32.80	46.00	-13.20	3	Horizontal	360	1.00	-

BT-BR(1Mbps)
2402MHz_Adapter



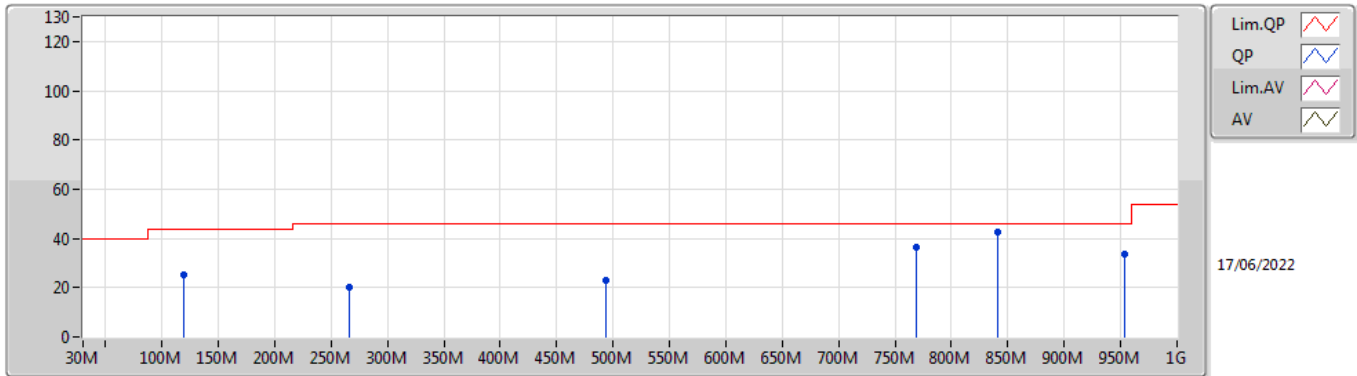
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	121.18M	24.68	43.50	-18.82	-18.74	3	Vertical	360	1.00	-	43.42	16.74	1.13	36.61
PK	264.74M	19.58	46.00	-26.42	-15.67	3	Vertical	360	1.00	-	35.25	19.21	1.58	36.46
PK	497.54M	23.49	46.00	-22.51	-11.54	3	Vertical	360	1.00	-	35.03	23.09	2.33	36.96
PK	769.14M	36.72	46.00	-9.28	-7.06	3	Vertical	360	1.00	-	43.78	27.30	3.09	37.45
PK	840.92M	39.61	46.00	-6.39	-6.02	3	Vertical	360	1.00	-	45.63	28.39	3.18	37.59
PK	953.44M	33.47	46.00	-12.53	-3.90	3	Vertical	360	1.00	-	37.37	30.07	3.37	37.34

BT-BR(1Mbps)
2402MHz_Adapter



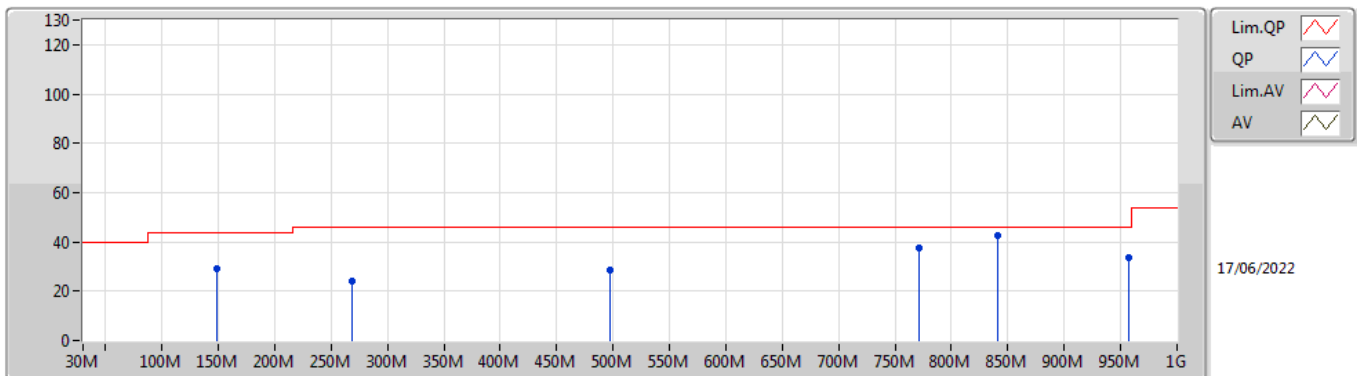
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	148.34M	28.50	43.50	-15.00	-18.72	3	Horizontal	0	1.00	-	47.22	16.37	1.34	36.43
PK	266.68M	24.58	46.00	-21.42	-15.98	3	Horizontal	0	1.00	-	40.56	18.89	1.59	36.46
PK	559.62M	24.35	46.00	-21.65	-9.17	3	Horizontal	0	1.00	-	33.52	25.39	2.56	37.12
PK	771.08M	36.22	46.00	-9.78	-7.06	3	Horizontal	0	1.00	-	43.28	27.29	3.10	37.45
PK	840.92M	39.86	46.00	-6.14	-6.02	3	Horizontal	0	1.00	-	45.88	28.39	3.18	37.59
PK	953.44M	32.68	46.00	-13.32	-3.90	3	Horizontal	0	1.00	-	36.58	30.07	3.37	37.34

BT-BR(1Mbps)
2402MHz_USB



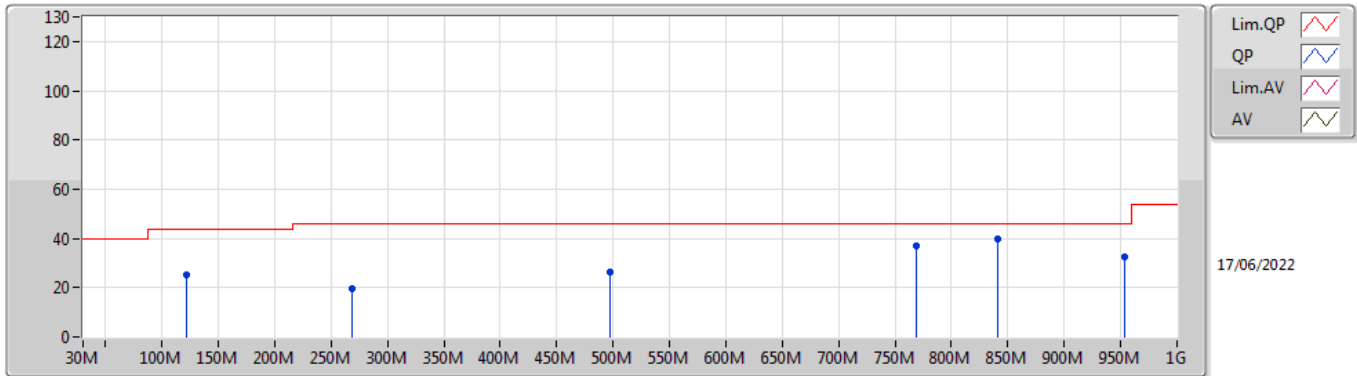
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	119.24M	24.95	43.50	-18.55	-18.82	3	Vertical	0	1.00	-	43.77	16.69	1.11	36.62
PK	266.68M	19.99	46.00	-26.01	-15.98	3	Vertical	0	1.00	-	35.97	18.89	1.59	36.46
PK	493.66M	22.92	46.00	-23.08	-11.58	3	Vertical	0	1.00	-	34.50	23.04	2.32	36.94
PK	769.14M	36.59	46.00	-9.41	-7.06	3	Vertical	0	1.00	-	43.65	27.30	3.09	37.45
PK	840.92M	42.62	46.00	-3.38	-6.02	3	Vertical	0	1.00	-	48.64	28.39	3.18	37.59
PK	953.44M	33.87	46.00	-12.13	-3.90	3	Vertical	0	1.00	-	37.77	30.07	3.37	37.34

BT-BR(1Mbps)
2402MHz_USB



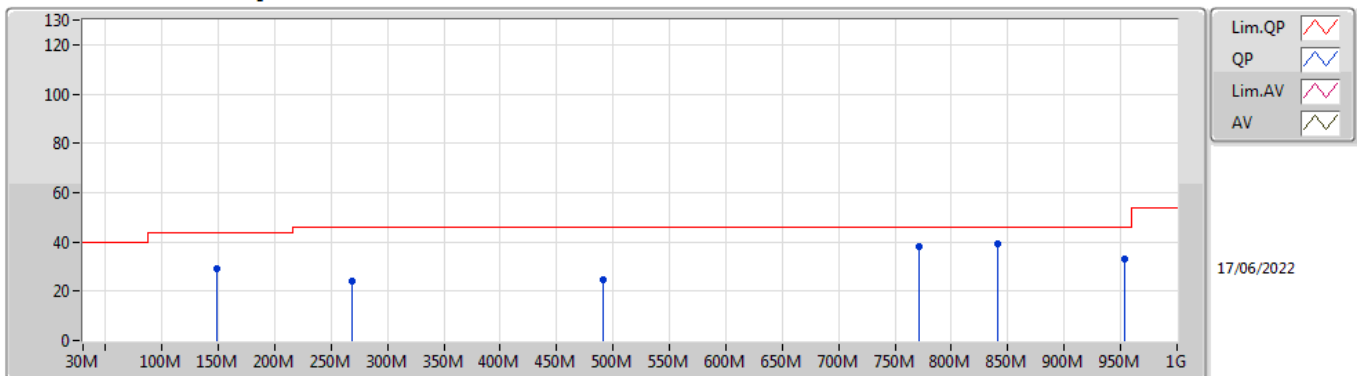
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	148.34M	28.89	43.50	-14.61	-18.72	3	Horizontal	360	1.00	-	47.61	16.37	1.34	36.43
PK	268.62M	23.92	46.00	-22.08	-16.32	3	Horizontal	360	1.00	-	40.24	18.53	1.60	36.45
PK	497.54M	28.49	46.00	-17.51	-11.54	3	Horizontal	360	1.00	-	40.03	23.09	2.33	36.96
PK	771.08M	37.33	46.00	-8.67	-7.06	3	Horizontal	360	1.00	-	44.39	27.29	3.10	37.45
PK	840.92M	42.33	46.00	-3.67	-6.02	3	Horizontal	360	1.00	-	48.35	28.39	3.18	37.59
PK	957.32M	33.68	46.00	-12.32	-3.80	3	Horizontal	360	1.00	-	37.48	30.14	3.38	37.32

BT-BR(1Mbps)
2440MHz_Adapter



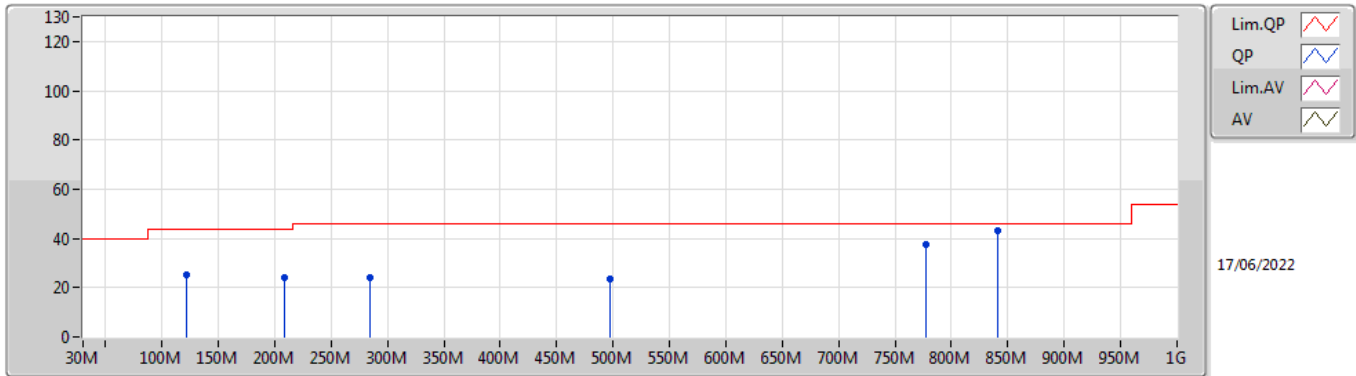
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	121.18M	24.97	43.50	-18.53	-18.74	3	Vertical	360	1.00	-	43.71	16.74	1.13	36.61
PK	268.62M	19.67	46.00	-26.33	-16.32	3	Vertical	360	1.00	-	35.99	18.53	1.60	36.45
PK	497.54M	26.60	46.00	-19.40	-11.54	3	Vertical	360	1.00	-	38.14	23.09	2.33	36.96
PK	769.14M	37.05	46.00	-8.95	-7.06	3	Vertical	360	1.00	-	44.11	27.30	3.09	37.45
PK	840.92M	39.96	46.00	-6.04	-6.02	3	Vertical	360	1.00	-	45.98	28.39	3.18	37.59
PK	953.44M	32.68	46.00	-13.32	-3.90	3	Vertical	360	1.00	-	36.58	30.07	3.37	37.34

BT-BR(1Mbps)
2440MHz_Adapter



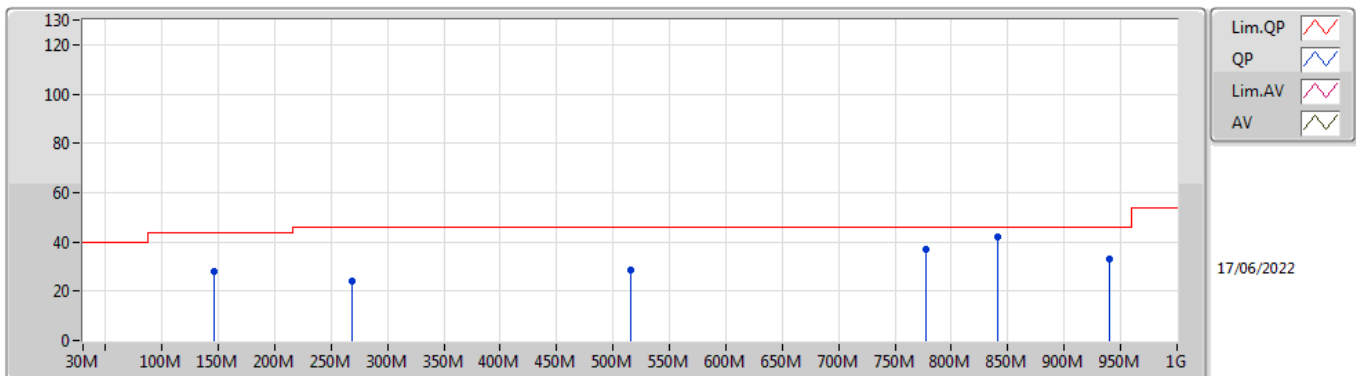
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	148.34M	29.13	43.50	-14.37	-18.72	3	Horizontal	0	1.00	-	47.85	16.37	1.34	36.43
PK	268.62M	24.25	46.00	-21.75	-16.32	3	Horizontal	0	1.00	-	40.57	18.53	1.60	36.45
PK	491.72M	24.85	46.00	-21.15	-11.60	3	Horizontal	0	1.00	-	36.45	23.02	2.31	36.93
PK	771.08M	38.08	46.00	-7.92	-7.06	3	Horizontal	0	1.00	-	45.14	27.29	3.10	37.45
PK	840.92M	39.31	46.00	-6.69	-6.02	3	Horizontal	0	1.00	-	45.33	28.39	3.18	37.59
PK	953.44M	32.97	46.00	-13.03	-3.90	3	Horizontal	0	1.00	-	36.87	30.07	3.37	37.34

BT-BR(1Mbps)
2440MHz_USB



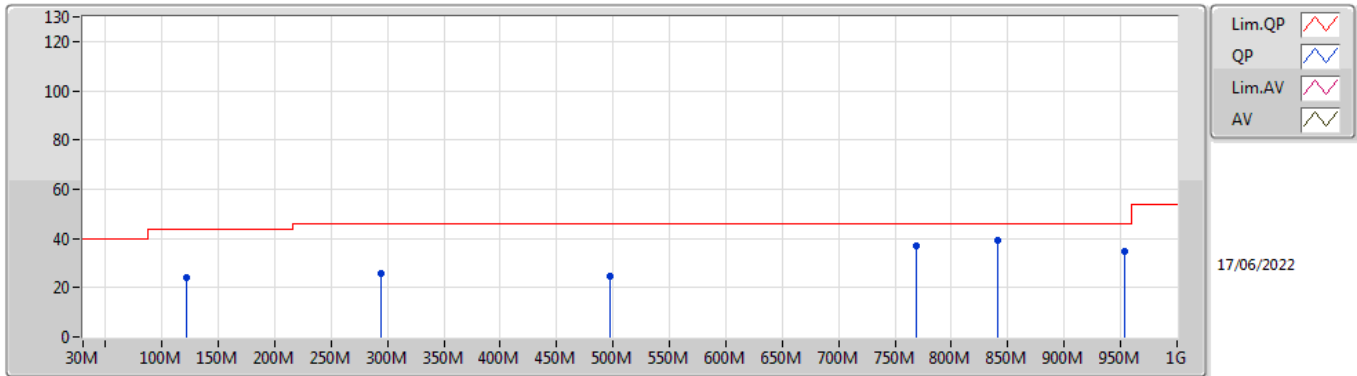
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	121.18M	24.99	43.50	-18.51	-18.74	3	Vertical	0	1.00	-	43.73	16.74	1.13	36.61
PK	208.48M	24.29	43.50	-19.21	-20.66	3	Vertical	0	1.00	-	44.95	14.24	1.41	36.31
PK	284.14M	24.17	46.00	-21.83	-16.70	3	Vertical	0	1.00	-	40.87	18.08	1.65	36.43
PK	497.54M	23.55	46.00	-22.45	-11.54	3	Vertical	0	1.00	-	35.09	23.09	2.33	36.96
PK	776.9M	37.59	46.00	-8.41	-7.11	3	Vertical	0	1.00	-	44.70	27.25	3.10	37.46
PK	840.92M	42.87	46.00	-3.13	-6.02	3	Vertical	0	1.00	-	48.89	28.39	3.18	37.59

BT-BR(1Mbps)
2440MHz_USB



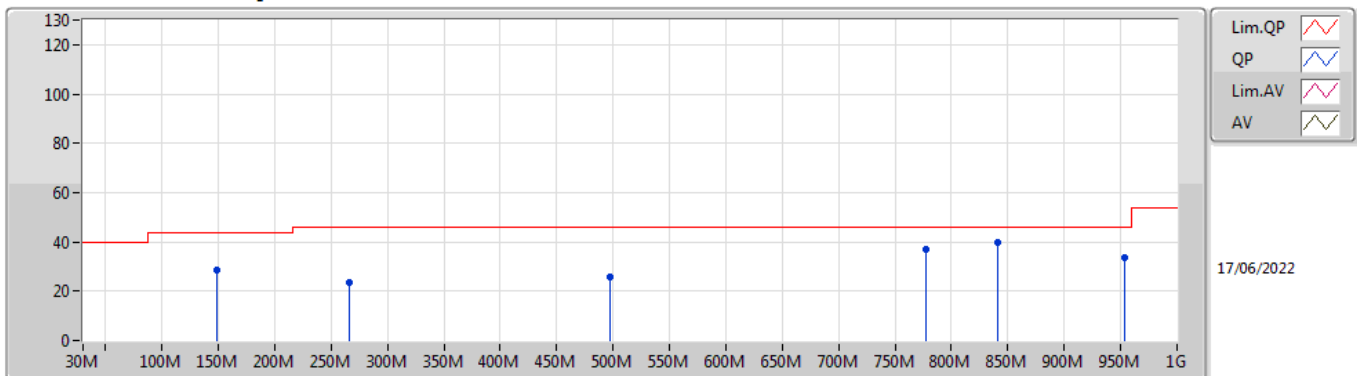
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	146.4M	28.15	43.50	-15.35	-18.68	3	Horizontal	360	1.00	-	46.83	16.43	1.33	36.44
PK	268.62M	24.13	46.00	-21.87	-16.32	3	Horizontal	360	1.00	-	40.45	18.53	1.60	36.45
PK	515M	28.52	46.00	-17.48	-11.48	3	Horizontal	360	1.00	-	40.00	23.14	2.40	37.02
PK	776.9M	36.92	46.00	-9.08	-7.11	3	Horizontal	360	1.00	-	44.03	27.25	3.10	37.46
PK	840.92M	42.10	46.00	-3.90	-6.02	3	Horizontal	360	1.00	-	48.12	28.39	3.18	37.59
PK	939.86M	33.05	46.00	-12.95	-4.50	3	Horizontal	360	1.00	-	37.55	29.55	3.35	37.40

BT-BR(1Mbps)
2480MHz_Adapter



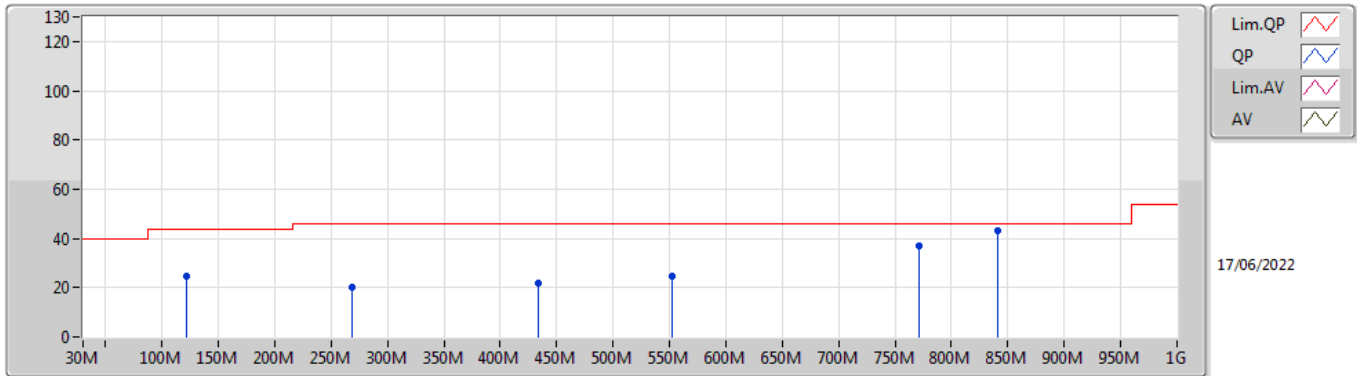
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	121.18M	23.94	43.50	-19.56	-18.74	3	Vertical	360	1.00	-	42.68	16.74	1.13	36.61
PK	293.84M	25.66	46.00	-20.34	-16.37	3	Vertical	360	1.00	-	42.03	18.36	1.69	36.42
PK	497.54M	24.69	46.00	-21.31	-11.54	3	Vertical	360	1.00	-	36.23	23.09	2.33	36.96
PK	769.14M	37.21	46.00	-8.79	-7.06	3	Vertical	360	1.00	-	44.27	27.30	3.09	37.45
PK	840.92M	39.30	46.00	-6.70	-6.02	3	Vertical	360	1.00	-	45.32	28.39	3.18	37.59
PK	953.44M	34.55	46.00	-11.45	-3.90	3	Vertical	360	1.00	-	38.45	30.07	3.37	37.34

BT-BR(1Mbps)
2480MHz_Adapter



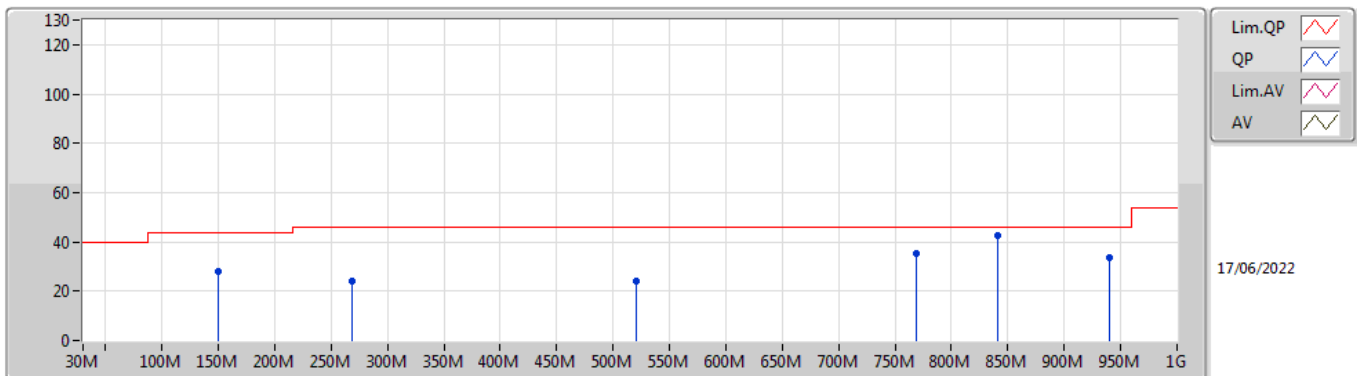
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	148.34M	28.36	43.50	-15.14	-18.72	3	Horizontal	0	1.00	-	47.08	16.37	1.34	36.43
PK	266.68M	23.62	46.00	-22.38	-15.98	3	Horizontal	0	1.00	-	39.60	18.89	1.59	36.46
PK	497.54M	25.96	46.00	-20.04	-11.54	3	Horizontal	0	1.00	-	37.50	23.09	2.33	36.96
PK	776.9M	36.82	46.00	-9.18	-7.11	3	Horizontal	0	1.00	-	43.93	27.25	3.10	37.46
PK	840.92M	39.63	46.00	-6.37	-6.02	3	Horizontal	0	1.00	-	45.65	28.39	3.18	37.59
PK	953.44M	33.44	46.00	-12.56	-3.90	3	Horizontal	0	1.00	-	37.34	30.07	3.37	37.34

BT-BR(1Mbps)
2480MHz_USB



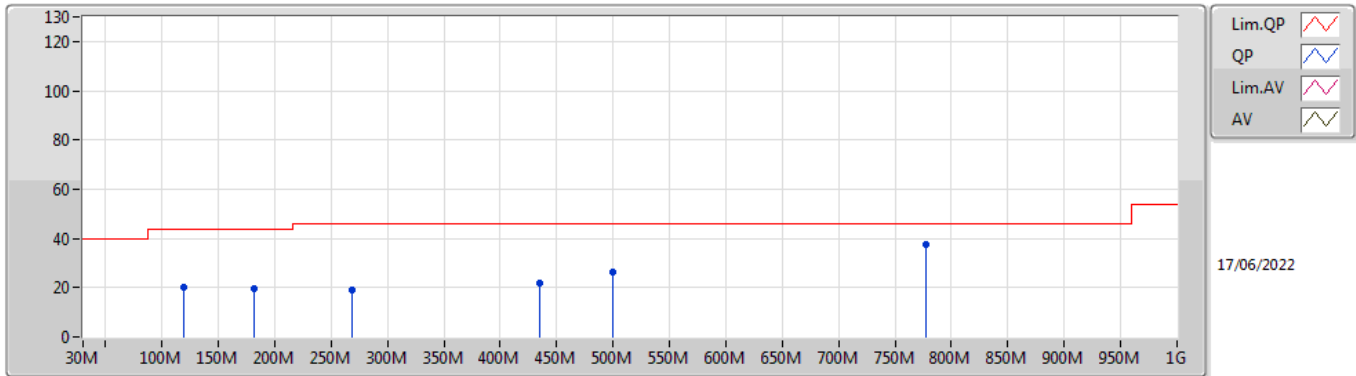
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	121.18M	24.81	43.50	-18.69	-18.74	3	Vertical	0	1.00	-	43.55	16.74	1.13	36.61
PK	268.62M	19.96	46.00	-26.04	-16.32	3	Vertical	0	1.00	-	36.28	18.53	1.60	36.45
PK	433.52M	21.73	46.00	-24.27	-12.36	3	Vertical	0	1.00	-	34.09	22.12	2.12	36.60
PK	551.86M	24.80	46.00	-21.20	-9.91	3	Vertical	0	1.00	-	34.71	24.69	2.53	37.13
PK	771.08M	36.93	46.00	-9.07	-7.06	3	Vertical	0	1.00	-	43.99	27.29	3.10	37.45
PK	840.92M	42.88	46.00	-3.12	-6.02	3	Vertical	0	1.00	-	48.90	28.39	3.18	37.59

BT-BR(1Mbps)
2480MHz_USB



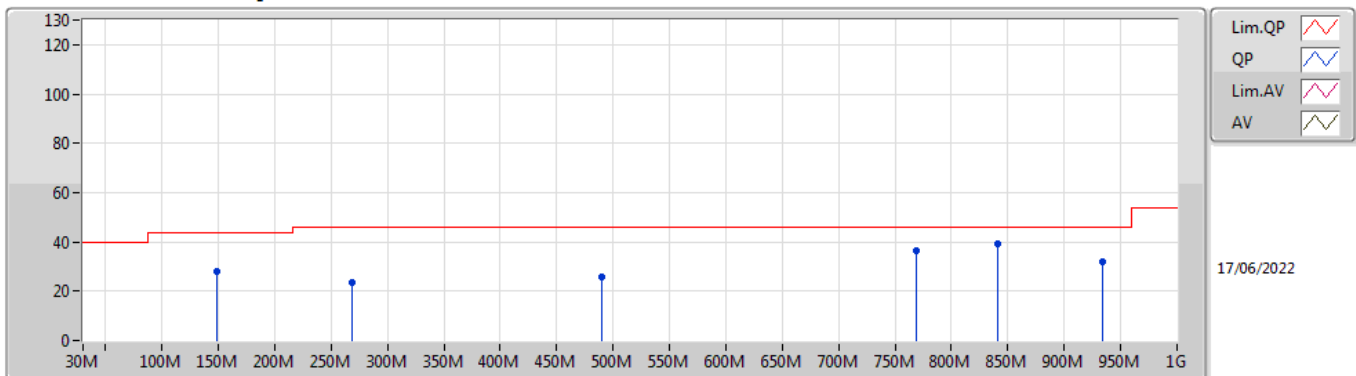
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	150.28M	28.25	43.50	-15.25	-18.74	3	Horizontal	360	1.00	-	46.99	16.35	1.34	36.43
PK	268.62M	23.93	46.00	-22.07	-16.32	3	Horizontal	360	1.00	-	40.25	18.53	1.60	36.45
PK	520.82M	23.98	46.00	-22.02	-11.54	3	Horizontal	360	1.00	-	35.52	23.08	2.42	37.04
PK	769.14M	35.28	46.00	-10.72	-7.06	3	Horizontal	360	1.00	-	42.34	27.30	3.09	37.45
PK	840.92M	42.61	46.00	-3.39	-6.02	3	Horizontal	360	1.00	-	48.63	28.39	3.18	37.59
PK	939.86M	33.70	46.00	-12.30	-4.50	3	Horizontal	360	1.00	-	38.20	29.55	3.35	37.40

BT-EDR(3Mbps)
2402MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	119.24M	20.15	43.50	-23.35	-18.82	3	Vertical	360	1.00	-	38.97	16.69	1.11	36.62
PK	181.32M	19.50	43.50	-24.00	-20.90	3	Vertical	360	1.00	-	40.40	14.21	1.36	36.47
PK	268.62M	18.80	46.00	-27.20	-16.32	3	Vertical	360	1.00	-	35.12	18.53	1.60	36.45
PK	435.46M	21.78	46.00	-24.22	-12.32	3	Vertical	360	1.00	-	34.10	22.16	2.13	36.61
PK	499.48M	26.09	46.00	-19.91	-11.53	3	Vertical	360	1.00	-	37.62	23.11	2.34	36.98
PK	776.9M	37.39	46.00	-8.61	-7.11	3	Vertical	360	1.00	-	44.50	27.25	3.10	37.46

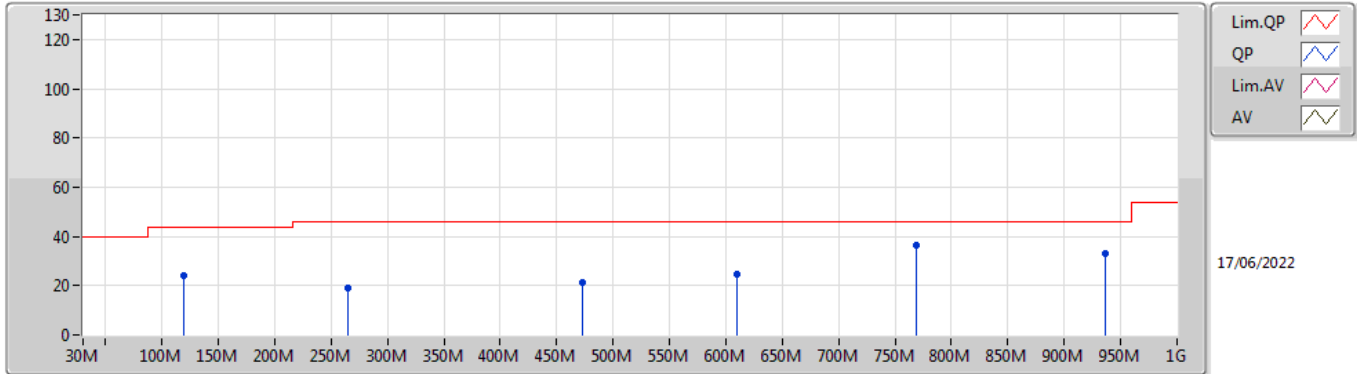
BT-EDR(3Mbps)
2402MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	148.34M	28.02	43.50	-15.48	-18.72	3	Horizontal	0	1.00	-	46.74	16.37	1.34	36.43
PK	268.62M	23.60	46.00	-22.40	-16.32	3	Horizontal	0	1.00	-	39.92	18.53	1.60	36.45
PK	489.78M	25.68	46.00	-20.32	-11.60	3	Horizontal	0	1.00	-	37.28	23.00	2.31	36.91
PK	769.14M	36.63	46.00	-9.37	-7.06	3	Horizontal	0	1.00	-	43.69	27.30	3.09	37.45
PK	840.92M	39.48	46.00	-6.52	-6.02	3	Horizontal	0	1.00	-	45.50	28.39	3.18	37.59
PK	934.04M	31.69	46.00	-14.31	-4.80	3	Horizontal	0	1.00	-	36.49	29.29	3.34	37.43

BT-EDR(3Mbps)

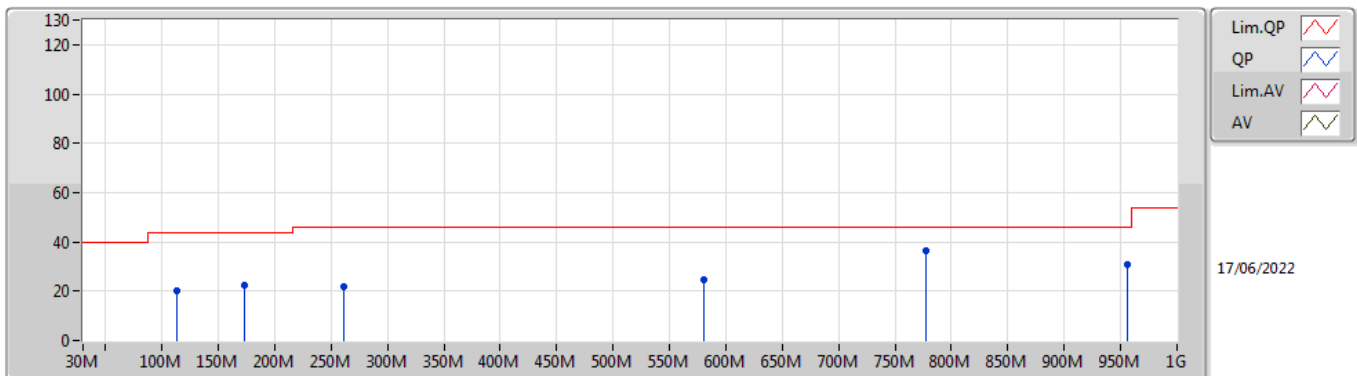
2402MHz_USB



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	119.24M	23.93	43.50	-19.57	-18.82	3	Vertical	0	1.00	-	42.75	16.69	1.11	36.62
PK	264.74M	19.30	46.00	-26.70	-15.67	3	Vertical	0	1.00	-	34.97	19.21	1.58	36.46
PK	472.32M	21.44	46.00	-24.56	-11.81	3	Vertical	0	1.00	-	33.25	22.74	2.25	36.80
PK	610.06M	24.43	46.00	-21.57	-9.45	3	Vertical	0	1.00	-	33.88	24.96	2.70	37.11
PK	769.14M	36.55	46.00	-9.45	-7.06	3	Vertical	0	1.00	-	43.61	27.30	3.09	37.45
PK	935.98M	33.34	46.00	-12.66	-4.69	3	Vertical	0	1.00	-	38.03	29.38	3.35	37.42

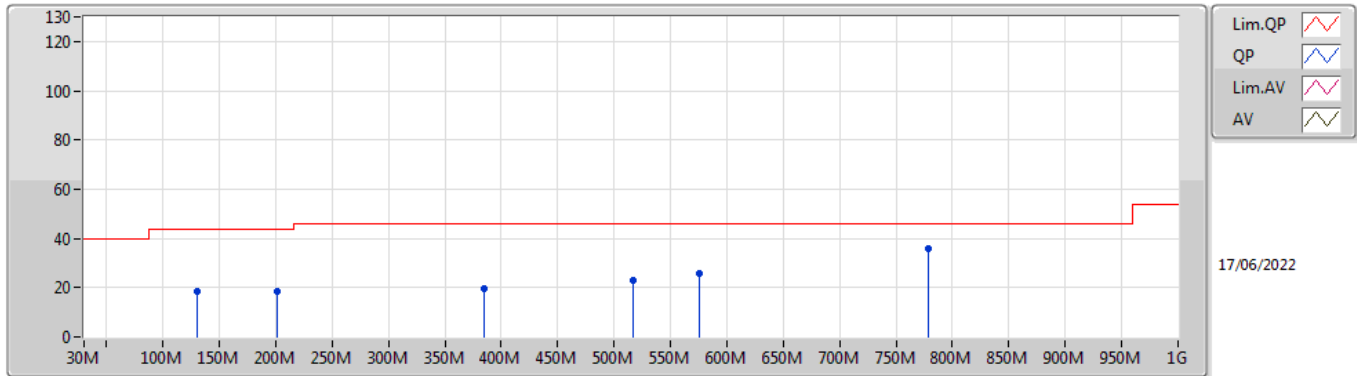
BT-EDR(3Mbps)

2402MHz_USB



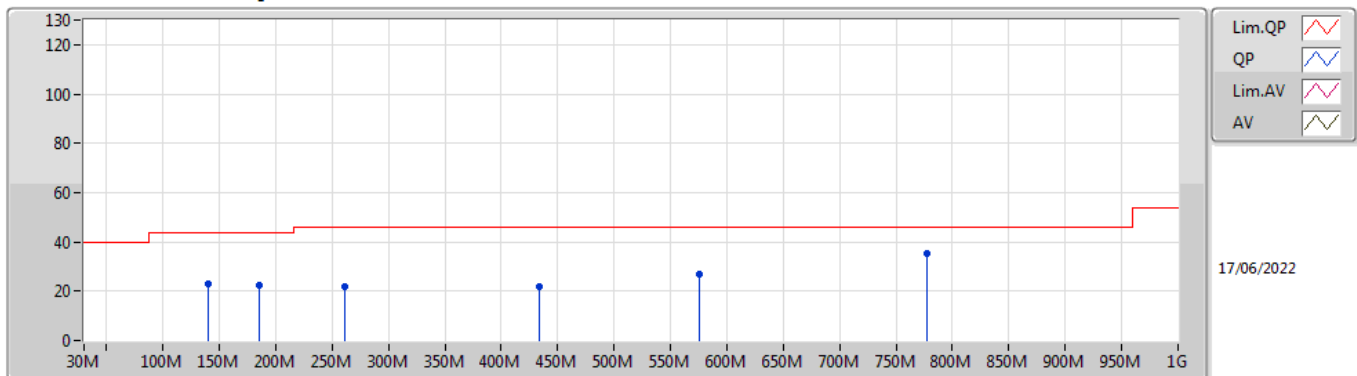
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	113.42M	20.16	43.50	-23.34	-19.17	3	Horizontal	360	1.00	-	39.33	16.39	1.07	36.63
PK	173.56M	22.45	43.50	-21.05	-20.46	3	Horizontal	360	1.00	-	42.91	14.64	1.36	36.46
PK	260.86M	21.75	46.00	-24.25	-15.50	3	Horizontal	360	1.00	-	37.25	19.39	1.57	36.46
PK	580.96M	24.82	46.00	-21.18	-9.60	3	Horizontal	360	1.00	-	34.42	24.90	2.61	37.11
PK	776.9M	36.18	46.00	-9.82	-7.11	3	Horizontal	360	1.00	-	43.29	27.25	3.10	37.46
PK	955.38M	30.63	46.00	-15.37	-3.84	3	Horizontal	360	1.00	-	34.47	30.12	3.37	37.33

BT-EDR(3Mbps) 2440MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	130.88M	18.62	43.50	-24.88	-18.46	3	Vertical	360	1.00	-	37.08	16.84	1.23	36.53
PK	200.72M	18.51	43.50	-24.99	-20.63	3	Vertical	360	1.00	-	39.14	14.25	1.39	36.27
PK	385.02M	19.51	46.00	-26.49	-14.10	3	Vertical	360	1.00	-	33.61	20.45	1.97	36.52
PK	516.94M	23.14	46.00	-22.86	-11.51	3	Vertical	360	1.00	-	34.65	23.12	2.40	37.03
PK	575.14M	25.88	46.00	-20.12	-9.53	3	Vertical	360	1.00	-	35.41	24.98	2.60	37.11
PK	778.84M	36.01	46.00	-9.99	-7.09	3	Vertical	360	1.00	-	43.10	27.27	3.10	37.46

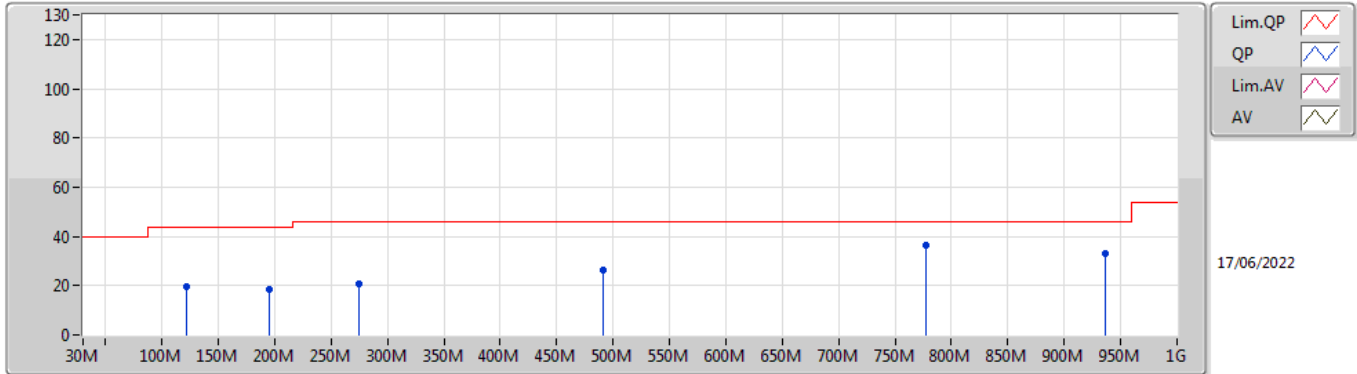
BT-EDR(3Mbps) 2440MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	140.58M	23.16	43.50	-20.34	-18.49	3	Horizontal	0	1.00	-	41.65	16.64	1.32	36.45
PK	185.2M	22.67	43.50	-20.83	-20.97	3	Horizontal	0	1.00	-	43.64	14.09	1.37	36.43
PK	260.86M	21.87	46.00	-24.13	-15.50	3	Horizontal	0	1.00	-	37.37	19.39	1.57	36.46
PK	433.52M	22.05	46.00	-23.95	-12.36	3	Horizontal	0	1.00	-	34.41	22.12	2.12	36.60
PK	575.14M	26.63	46.00	-19.37	-9.53	3	Horizontal	0	1.00	-	36.16	24.98	2.60	37.11
PK	776.9M	35.52	46.00	-10.48	-7.11	3	Horizontal	0	1.00	-	42.63	27.25	3.10	37.46

BT-EDR(3Mbps)

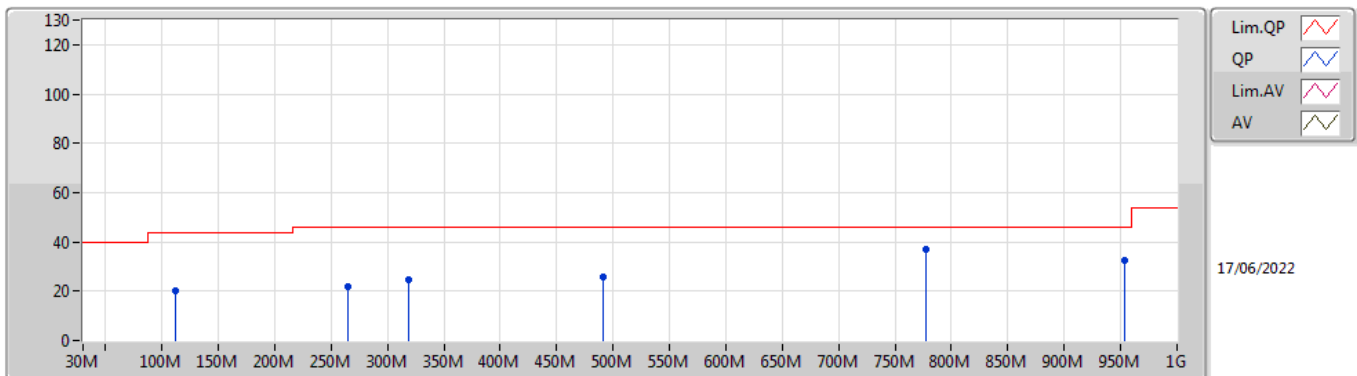
2440MHz_USB



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	121.18M	19.44	43.50	-24.06	-18.74	3	Vertical	0	1.00	-	38.18	16.74	1.13	36.61
PK	194.9M	18.53	43.50	-24.97	-20.80	3	Vertical	0	1.00	-	39.33	14.14	1.38	36.32
PK	274.44M	20.92	46.00	-25.08	-16.85	3	Vertical	0	1.00	-	37.77	17.98	1.62	36.45
PK	491.72M	26.23	46.00	-19.77	-11.60	3	Vertical	0	1.00	-	37.83	23.02	2.31	36.93
PK	776.9M	36.17	46.00	-9.83	-7.11	3	Vertical	0	1.00	-	43.28	27.25	3.10	37.46
PK	935.98M	32.99	46.00	-13.01	-4.69	3	Vertical	0	1.00	-	37.68	29.38	3.35	37.42

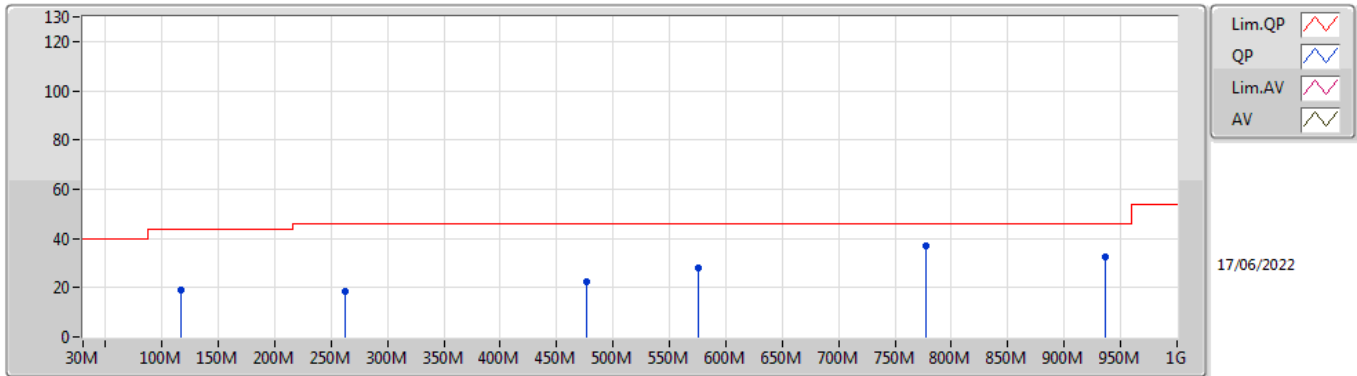
BT-EDR(3Mbps)

2440MHz_USB



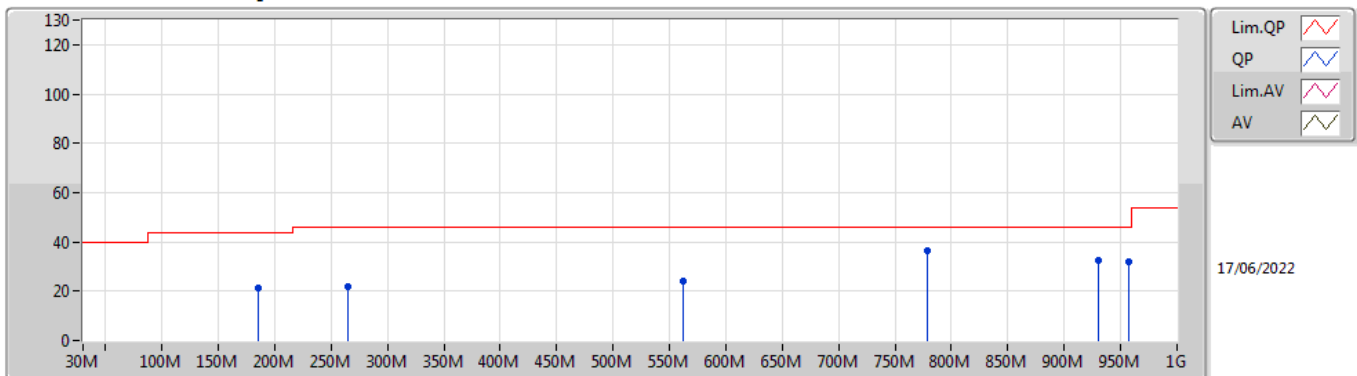
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	111.48M	20.38	43.50	-23.12	-19.37	3	Horizontal	360	1.00	-	39.75	16.21	1.05	36.63
PK	264.74M	21.74	46.00	-24.26	-15.67	3	Horizontal	360	1.00	-	37.41	19.21	1.58	36.46
PK	319.06M	24.50	46.00	-21.50	-16.10	3	Horizontal	360	1.00	-	40.60	18.59	1.77	36.46
PK	491.72M	26.03	46.00	-19.97	-11.60	3	Horizontal	360	1.00	-	37.63	23.02	2.31	36.93
PK	776.9M	37.04	46.00	-8.96	-7.11	3	Horizontal	360	1.00	-	44.15	27.25	3.10	37.46
PK	953.44M	32.67	46.00	-13.33	-3.90	3	Horizontal	360	1.00	-	36.57	30.07	3.37	37.34

BT-EDR(3Mbps)
2480MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	117.3M	19.09	43.50	-24.41	-18.93	3	Vertical	360	1.00	-	38.02	16.59	1.10	36.62
PK	262.8M	18.30	46.00	-27.70	-15.58	3	Vertical	360	1.00	-	33.88	19.30	1.58	36.46
PK	476.2M	22.43	46.00	-23.57	-11.78	3	Vertical	360	1.00	-	34.21	22.78	2.26	36.82
PK	575.14M	28.00	46.00	-18.00	-9.53	3	Vertical	360	1.00	-	37.53	24.98	2.60	37.11
PK	776.9M	36.73	46.00	-9.27	-7.11	3	Vertical	360	1.00	-	43.84	27.25	3.10	37.46
PK	935.98M	32.50	46.00	-13.50	-4.69	3	Vertical	360	1.00	-	37.19	29.38	3.35	37.42

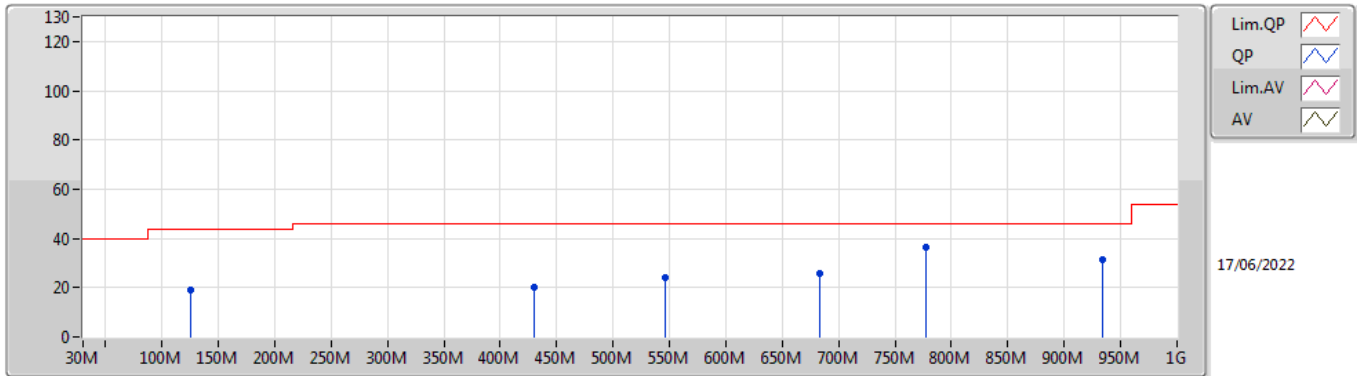
BT-EDR(3Mbps)
2480MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	185.2M	21.19	43.50	-22.31	-20.97	3	Horizontal	0	1.00	-	42.16	14.09	1.37	36.43
PK	264.74M	21.87	46.00	-24.13	-15.67	3	Horizontal	0	1.00	-	37.54	19.21	1.58	36.46
PK	561.56M	24.23	46.00	-21.77	-9.20	3	Horizontal	0	1.00	-	33.43	25.36	2.56	37.12
PK	778.84M	36.36	46.00	-9.64	-7.09	3	Horizontal	0	1.00	-	43.45	27.27	3.10	37.46
PK	930.16M	32.63	46.00	-13.37	-5.00	3	Horizontal	0	1.00	-	37.63	29.11	3.34	37.45
PK	957.32M	31.90	46.00	-14.10	-3.80	3	Horizontal	0	1.00	-	35.70	30.14	3.38	37.32

BT-EDR(3Mbps)

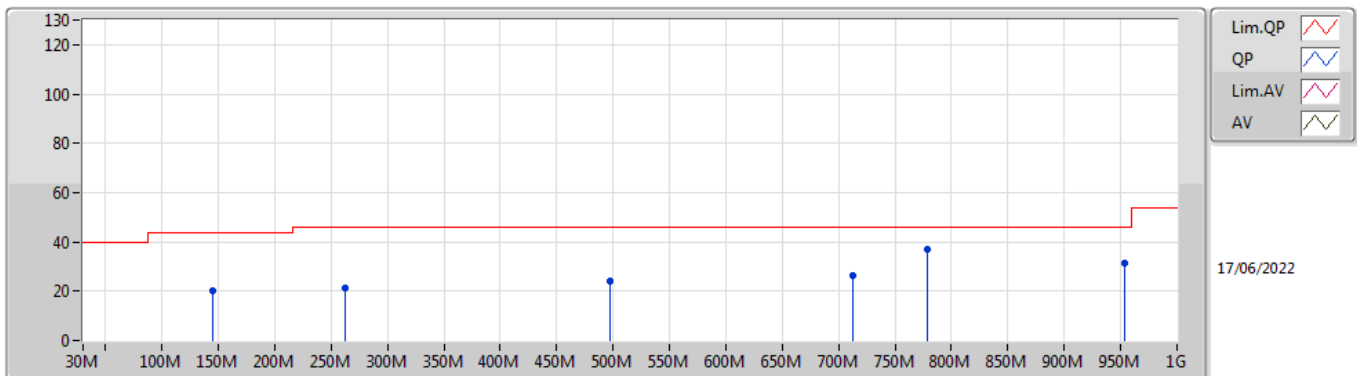
2480MHz_USB



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	125.06M	19.28	43.50	-24.22	-18.65	3	Vertical	0	1.00	-	37.93	16.76	1.17	36.58
PK	429.64M	20.37	46.00	-25.63	-12.44	3	Vertical	0	1.00	-	32.81	22.04	2.11	36.59
PK	546.04M	24.17	46.00	-21.83	-10.76	3	Vertical	0	1.00	-	34.93	23.85	2.51	37.12
PK	683.78M	25.74	46.00	-20.26	-8.68	3	Vertical	0	1.00	-	34.42	25.68	2.93	37.29
PK	776.9M	36.22	46.00	-9.78	-7.11	3	Vertical	0	1.00	-	43.33	27.25	3.10	37.46
PK	934.04M	31.33	46.00	-14.67	-4.80	3	Vertical	0	1.00	-	36.13	29.29	3.34	37.43

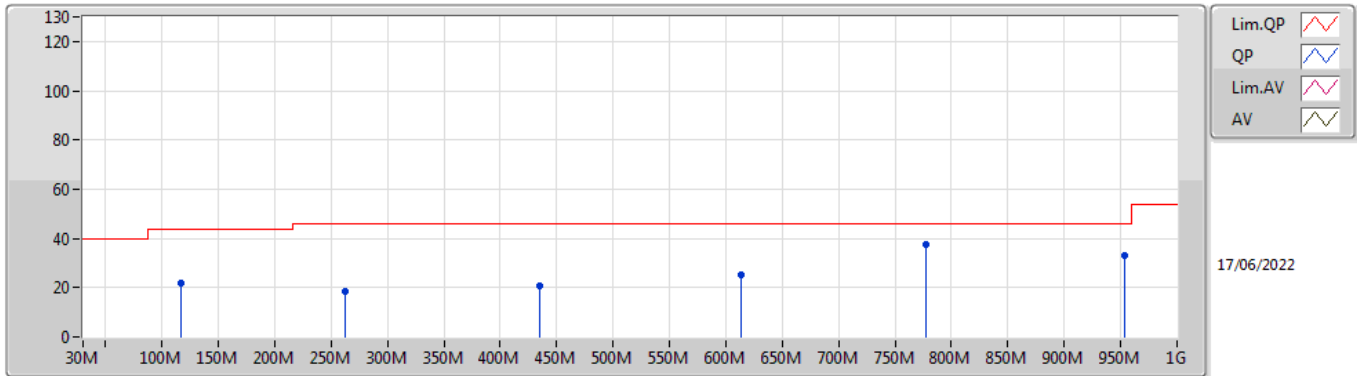
BT-EDR(3Mbps)

2480MHz_USB



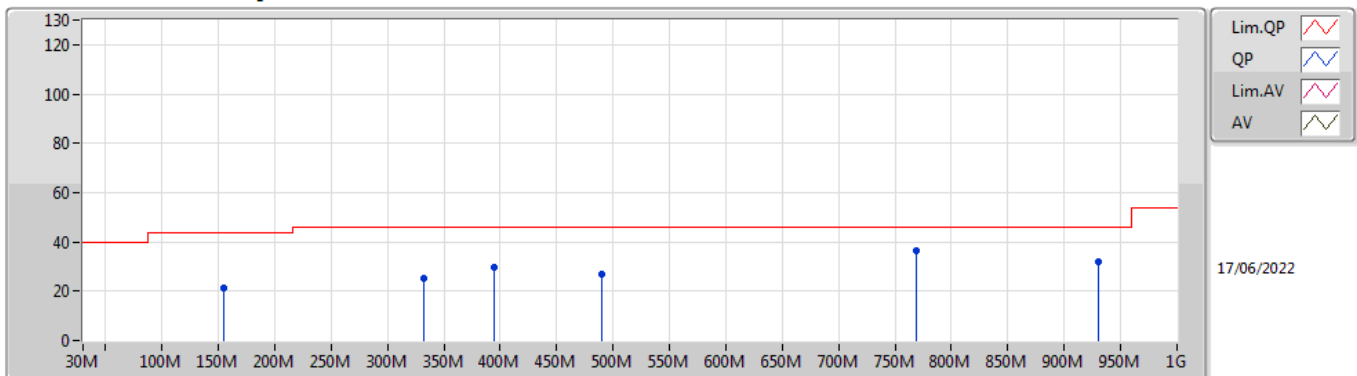
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	144.46M	20.14	43.50	-23.36	-18.62	3	Horizontal	360	1.00	-	38.76	16.49	1.33	36.44
PK	262.8M	21.25	46.00	-24.75	-15.58	3	Horizontal	360	1.00	-	36.83	19.30	1.58	36.46
PK	497.54M	23.99	46.00	-22.01	-11.54	3	Horizontal	360	1.00	-	35.53	23.09	2.33	36.96
PK	712.88M	26.36	46.00	-19.64	-8.33	3	Horizontal	360	1.00	-	34.69	26.05	2.99	37.37
PK	778.84M	36.99	46.00	-9.01	-7.09	3	Horizontal	360	1.00	-	44.08	27.27	3.10	37.46
PK	953.44M	31.58	46.00	-14.42	-3.90	3	Horizontal	360	1.00	-	35.48	30.07	3.37	37.34

BT-LE(1Mbps)
2402MHz_Adapter



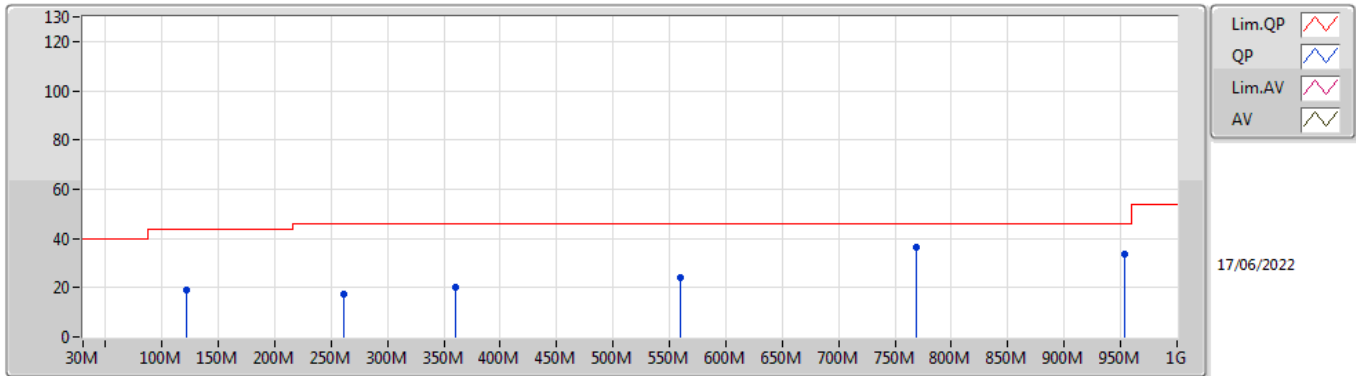
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	117.3M	21.70	43.50	-21.80	-18.93	3	Vertical	360	1.00	-	40.63	16.59	1.10	36.62
PK	262.8M	18.39	46.00	-27.61	-15.58	3	Vertical	360	1.00	-	33.97	19.30	1.58	36.46
PK	435.46M	20.83	46.00	-25.17	-12.32	3	Vertical	360	1.00	-	33.15	22.16	2.13	36.61
PK	613.94M	25.21	46.00	-20.79	-9.29	3	Vertical	360	1.00	-	34.50	25.10	2.72	37.11
PK	776.9M	37.41	46.00	-8.59	-7.11	3	Vertical	360	1.00	-	44.52	27.25	3.10	37.46
PK	953.44M	32.86	46.00	-13.14	-3.90	3	Vertical	360	1.00	-	36.76	30.07	3.37	37.34

BT-LE(1Mbps)
2402MHz_Adapter



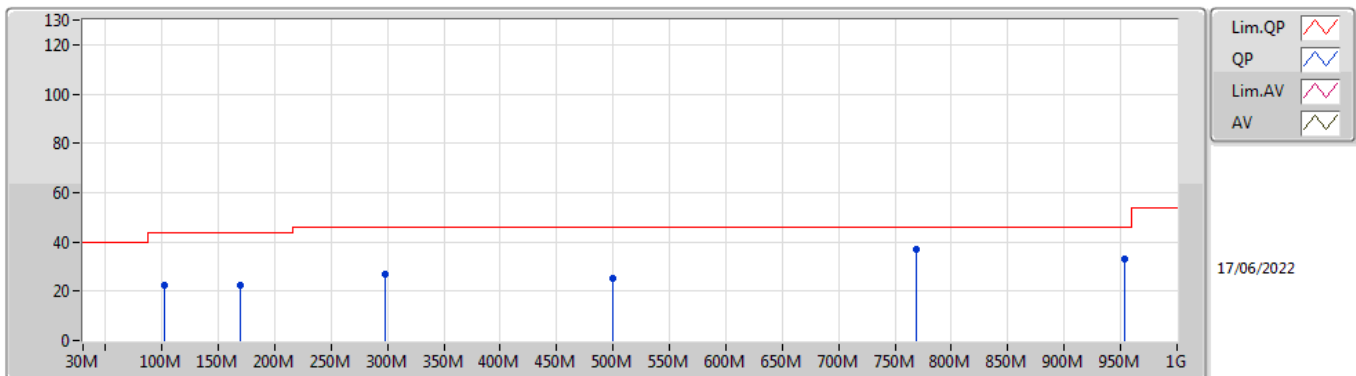
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	154.16M	21.43	43.50	-22.07	-18.95	3	Horizontal	0	1.00	-	40.38	16.12	1.35	36.42
PK	332.64M	25.23	46.00	-20.77	-15.68	3	Horizontal	0	1.00	-	40.91	18.99	1.82	36.49
PK	394.72M	29.55	46.00	-16.45	-13.72	3	Horizontal	0	1.00	-	43.27	20.79	2.00	36.51
PK	489.78M	26.92	46.00	-19.08	-11.60	3	Horizontal	0	1.00	-	38.52	23.00	2.31	36.91
PK	769.14M	36.62	46.00	-9.38	-7.06	3	Horizontal	0	1.00	-	43.68	27.30	3.09	37.45
PK	930.16M	32.20	46.00	-13.80	-5.00	3	Horizontal	0	1.00	-	37.20	29.11	3.34	37.45

BT-LE(1Mbps)
2402MHz_USB



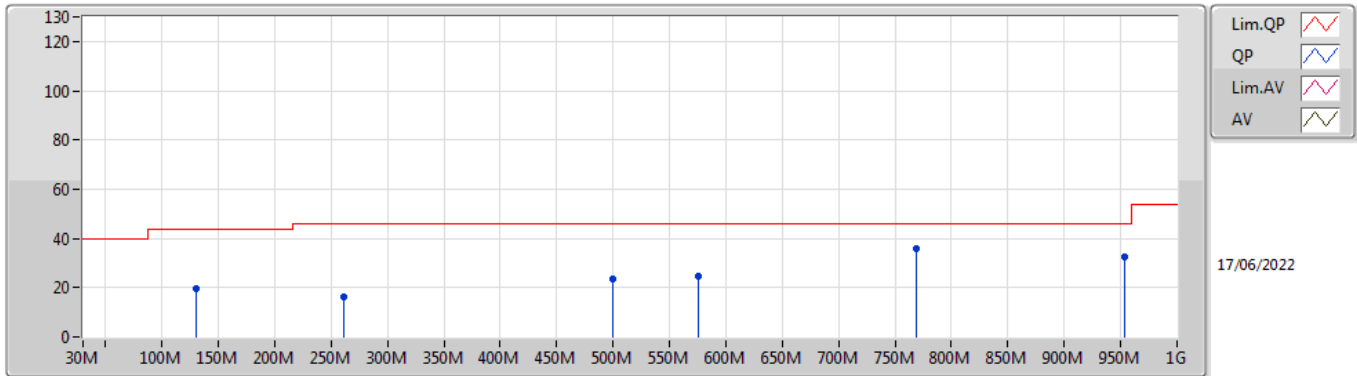
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	121.18M	19.05	43.50	-24.45	-18.74	3	Vertical	0	1.00	-	37.79	16.74	1.13	36.61
PK	260.86M	17.59	46.00	-28.41	-15.50	3	Vertical	0	1.00	-	33.09	19.39	1.57	36.46
PK	359.8M	19.94	46.00	-26.06	-14.71	3	Vertical	0	1.00	-	34.65	19.91	1.91	36.53
PK	559.62M	24.10	46.00	-21.90	-9.17	3	Vertical	0	1.00	-	33.27	25.39	2.56	37.12
PK	769.14M	36.51	46.00	-9.49	-7.06	3	Vertical	0	1.00	-	43.57	27.30	3.09	37.45
PK	953.44M	33.68	46.00	-12.32	-3.90	3	Vertical	0	1.00	-	37.58	30.07	3.37	37.34

BT-LE(1Mbps)
2402MHz_USB



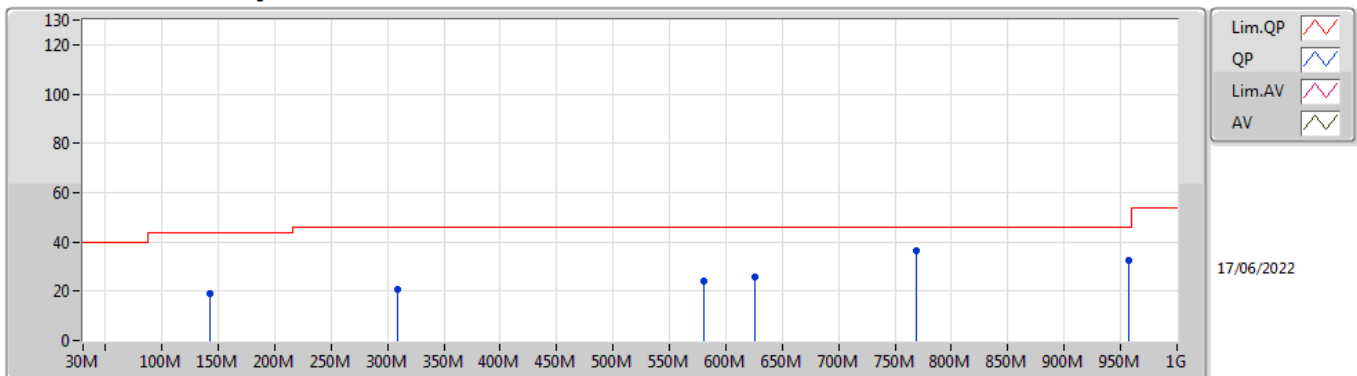
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	101.78M	22.42	43.50	-21.08	-20.16	3	Horizontal	360	1.00	-	42.58	15.51	0.97	36.64
PK	169.68M	22.69	43.50	-20.81	-20.15	3	Horizontal	360	1.00	-	42.84	14.93	1.36	36.44
PK	297.72M	26.67	46.00	-19.33	-16.33	3	Horizontal	360	1.00	-	43.00	18.38	1.70	36.41
PK	499.48M	25.16	46.00	-20.84	-11.53	3	Horizontal	360	1.00	-	36.69	23.11	2.34	36.98
PK	769.14M	36.78	46.00	-9.22	-7.06	3	Horizontal	360	1.00	-	43.84	27.30	3.09	37.45
PK	953.44M	32.91	46.00	-13.09	-3.90	3	Horizontal	360	1.00	-	36.81	30.07	3.37	37.34

BT-LE(1Mbps)
2440MHz_Adapter



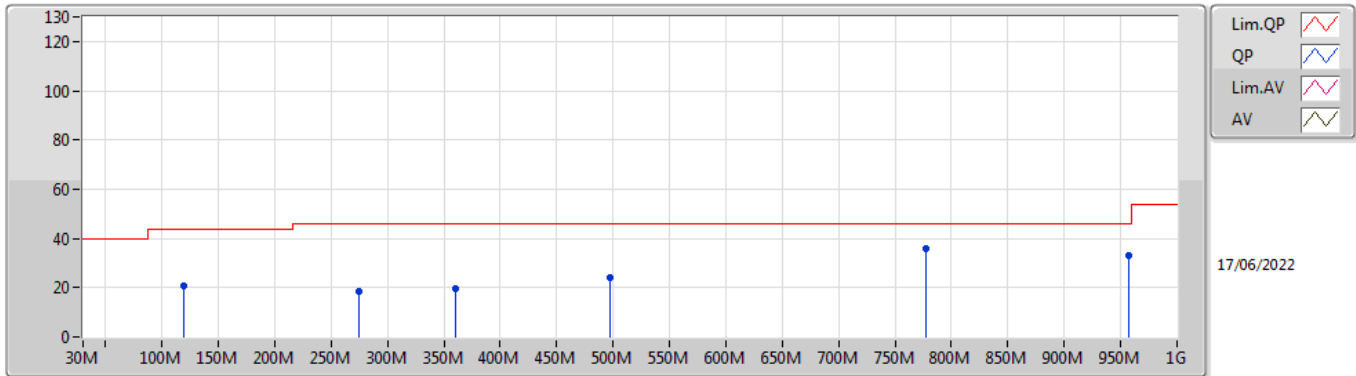
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	130.88M	19.35	43.50	-24.15	-18.46	3	Vertical	360	1.00	-	37.81	16.84	1.23	36.53
PK	260.86M	16.28	46.00	-29.72	-15.50	3	Vertical	360	1.00	-	31.78	19.39	1.57	36.46
PK	499.48M	23.35	46.00	-22.65	-11.53	3	Vertical	360	1.00	-	34.88	23.11	2.34	36.98
PK	575.14M	24.76	46.00	-21.24	-9.53	3	Vertical	360	1.00	-	34.29	24.98	2.60	37.11
PK	769.14M	35.92	46.00	-10.08	-7.06	3	Vertical	360	1.00	-	42.98	27.30	3.09	37.45
PK	953.44M	32.39	46.00	-13.61	-3.90	3	Vertical	360	1.00	-	36.29	30.07	3.37	37.34

BT-LE(1Mbps)
2440MHz_Adapter



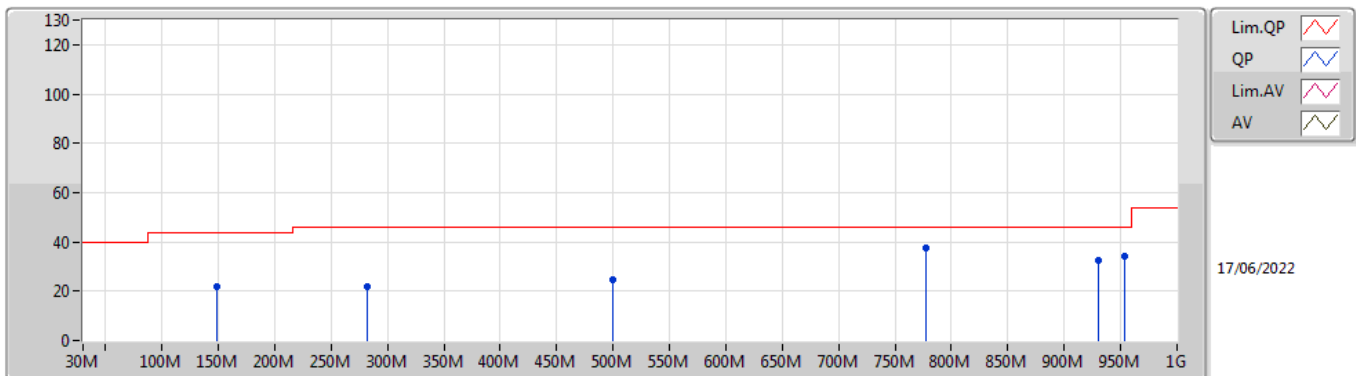
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	142.52M	19.22	43.50	-24.28	-18.53	3	Horizontal	0	1.00	-	37.75	16.58	1.33	36.44
PK	309.36M	20.62	46.00	-25.38	-16.28	3	Horizontal	0	1.00	-	36.90	18.41	1.74	36.43
PK	580.96M	23.95	46.00	-22.05	-9.60	3	Horizontal	0	1.00	-	33.55	24.90	2.61	37.11
PK	625.58M	25.66	46.00	-20.34	-8.85	3	Horizontal	0	1.00	-	34.51	25.51	2.77	37.13
PK	769.14M	36.25	46.00	-9.75	-7.06	3	Horizontal	0	1.00	-	43.31	27.30	3.09	37.45
PK	957.32M	32.40	46.00	-13.60	-3.80	3	Horizontal	0	1.00	-	36.20	30.14	3.38	37.32

BT-LE(1Mbps)
2440MHz_USB



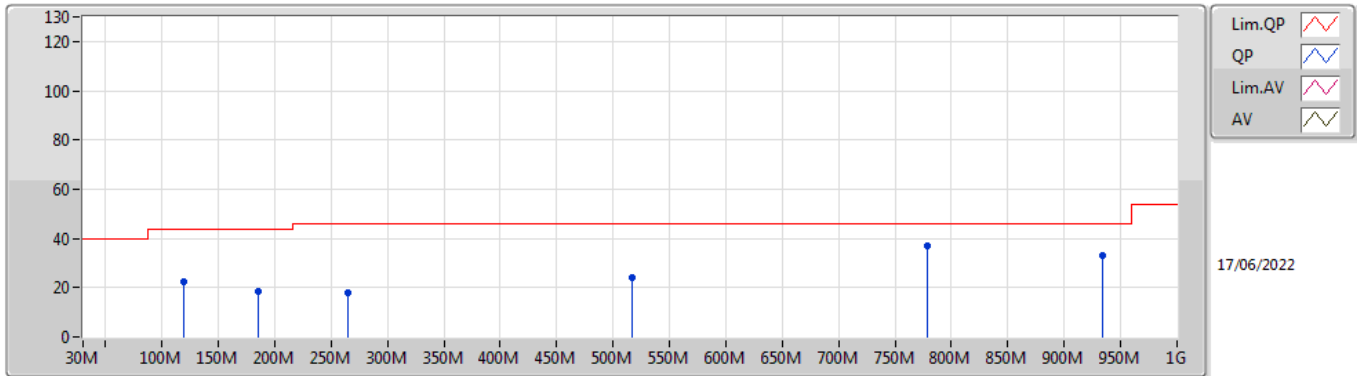
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	119.24M	20.81	43.50	-22.69	-18.82	3	Vertical	0	1.00	-	39.63	16.69	1.11	36.62
PK	274.44M	18.41	46.00	-27.59	-16.85	3	Vertical	0	1.00	-	35.26	17.98	1.62	36.45
PK	359.8M	19.71	46.00	-26.29	-14.71	3	Vertical	0	1.00	-	34.42	19.91	1.91	36.53
PK	497.54M	23.84	46.00	-22.16	-11.54	3	Vertical	0	1.00	-	35.38	23.09	2.33	36.96
PK	776.9M	36.12	46.00	-9.88	-7.11	3	Vertical	0	1.00	-	43.23	27.25	3.10	37.46
PK	957.32M	33.16	46.00	-12.84	-3.80	3	Vertical	0	1.00	-	36.96	30.14	3.38	37.32

BT-LE(1Mbps)
2440MHz_USB



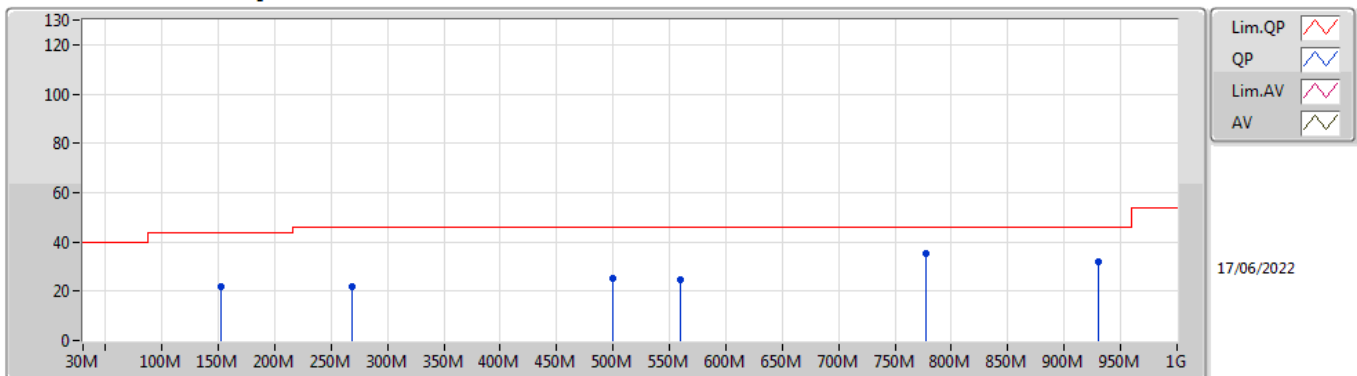
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	148.34M	21.65	43.50	-21.85	-18.72	3	Horizontal	360	1.00	-	40.37	16.37	1.34	36.43
PK	282.2M	21.73	46.00	-24.27	-16.76	3	Horizontal	360	1.00	-	38.49	18.02	1.65	36.43
PK	499.48M	24.47	46.00	-21.53	-11.53	3	Horizontal	360	1.00	-	36.00	23.11	2.34	36.98
PK	776.9M	37.64	46.00	-8.36	-7.11	3	Horizontal	360	1.00	-	44.75	27.25	3.10	37.46
PK	930.16M	32.26	46.00	-13.74	-5.00	3	Horizontal	360	1.00	-	37.26	29.11	3.34	37.45
PK	953.44M	33.93	46.00	-12.07	-3.90	3	Horizontal	360	1.00	-	37.83	30.07	3.37	37.34

BT-LE(1Mbps)
2480MHz_Adapter



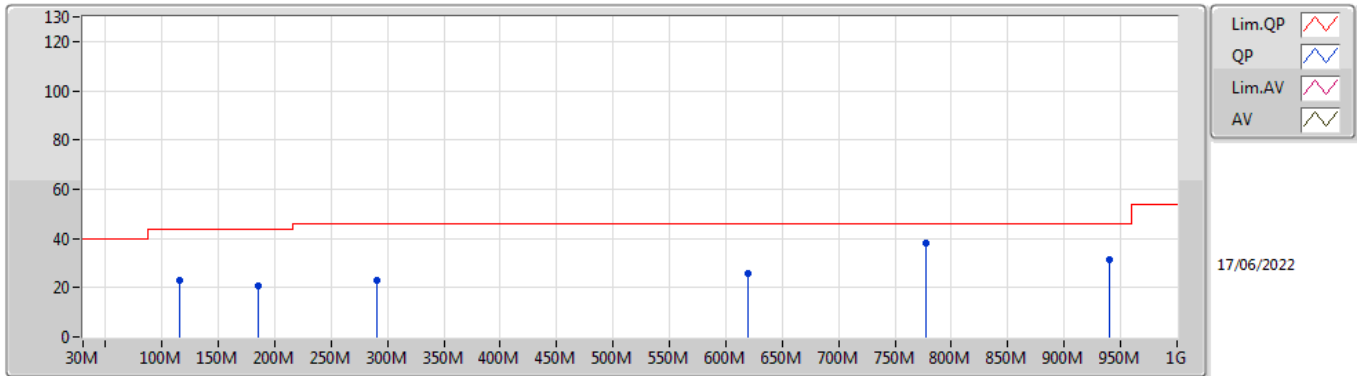
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	119.24M	22.47	43.50	-21.03	-18.82	3	Vertical	360	1.00	-	41.29	16.69	1.11	36.62
PK	185.2M	18.36	43.50	-25.14	-20.97	3	Vertical	360	1.00	-	39.33	14.09	1.37	36.43
PK	264.74M	18.09	46.00	-27.91	-15.67	3	Vertical	360	1.00	-	33.76	19.21	1.58	36.46
PK	516.94M	24.36	46.00	-21.64	-11.51	3	Vertical	360	1.00	-	35.87	23.12	2.40	37.03
PK	778.84M	36.97	46.00	-9.03	-7.09	3	Vertical	360	1.00	-	44.06	27.27	3.10	37.46
PK	934.04M	33.18	46.00	-12.82	-4.80	3	Vertical	360	1.00	-	37.98	29.29	3.34	37.43

BT-LE(1Mbps)
2480MHz_Adapter



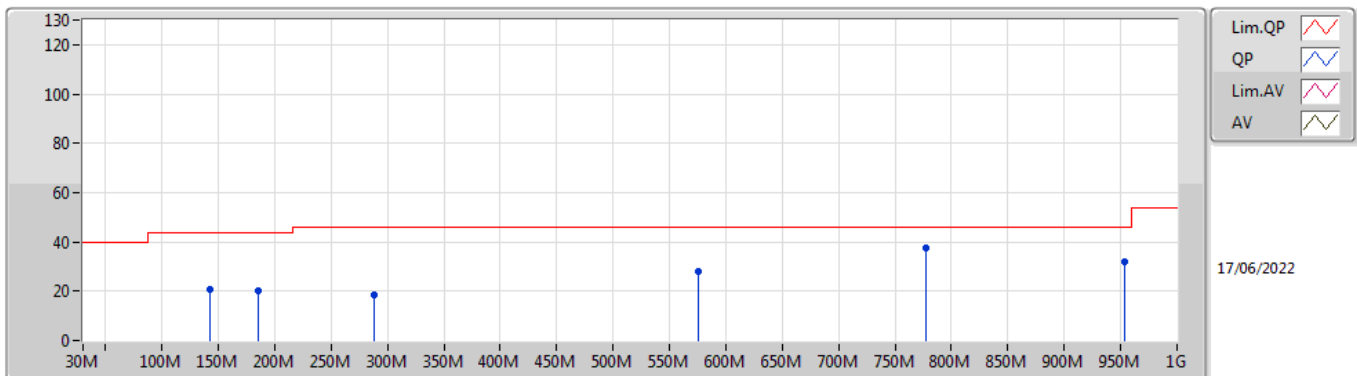
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	152.22M	21.91	43.50	-21.59	-18.80	3	Horizontal	0	1.00	-	40.71	16.29	1.34	36.43
PK	268.62M	21.77	46.00	-24.23	-16.32	3	Horizontal	0	1.00	-	38.09	18.53	1.60	36.45
PK	499.48M	25.00	46.00	-21.00	-11.53	3	Horizontal	0	1.00	-	36.53	23.11	2.34	36.98
PK	559.62M	24.56	46.00	-21.44	-9.17	3	Horizontal	0	1.00	-	33.73	25.39	2.56	37.12
PK	776.9M	35.45	46.00	-10.55	-7.11	3	Horizontal	0	1.00	-	42.56	27.25	3.10	37.46
PK	930.16M	32.05	46.00	-13.95	-5.00	3	Horizontal	0	1.00	-	37.05	29.11	3.34	37.45

BT-LE(1Mbps)
2480MHz_USB



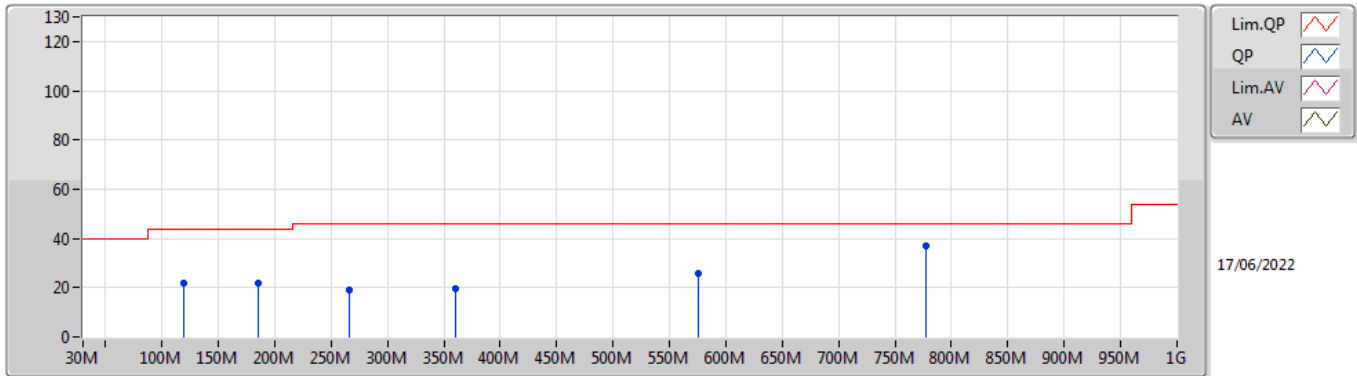
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	115.36M	22.73	43.50	-20.77	-19.05	3	Vertical	0	1.00	-	41.78	16.49	1.08	36.62
PK	185.2M	20.80	43.50	-22.70	-20.97	3	Vertical	0	1.00	-	41.77	14.09	1.37	36.43
PK	289.96M	22.79	46.00	-23.21	-16.49	3	Vertical	0	1.00	-	39.28	18.26	1.67	36.42
PK	619.76M	25.92	46.00	-20.08	-8.97	3	Vertical	0	1.00	-	34.89	25.40	2.75	37.12
PK	776.9M	38.27	46.00	-7.73	-7.11	3	Vertical	0	1.00	-	45.38	27.25	3.10	37.46
PK	939.86M	31.49	46.00	-14.51	-4.50	3	Vertical	0	1.00	-	35.99	29.55	3.35	37.40

BT-LE(1Mbps)
2480MHz_USB



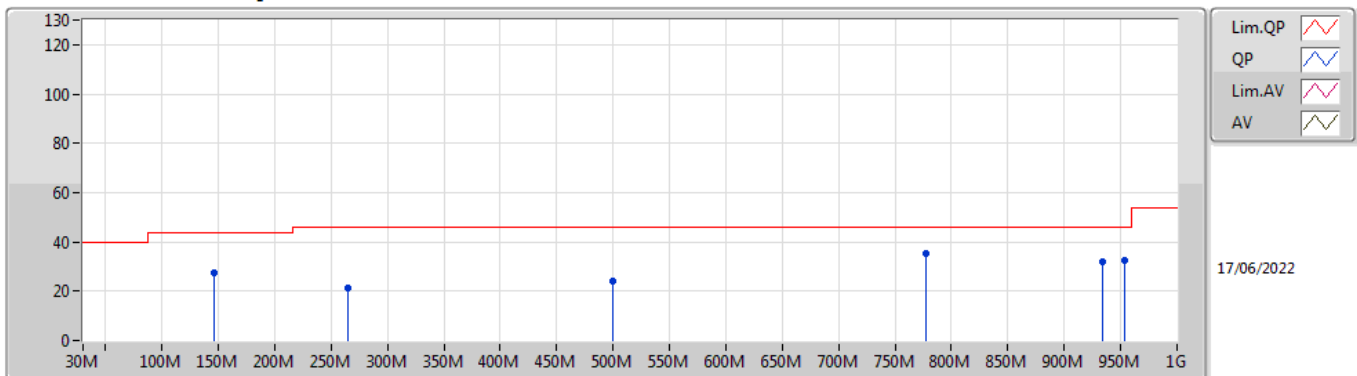
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	142.52M	20.98	43.50	-22.52	-18.53	3	Horizontal	360	1.00	-	39.51	16.58	1.33	36.44
PK	185.2M	20.25	43.50	-23.25	-20.97	3	Horizontal	360	1.00	-	41.22	14.09	1.37	36.43
PK	288.02M	18.76	46.00	-27.24	-16.56	3	Horizontal	360	1.00	-	35.32	18.20	1.67	36.43
PK	575.14M	27.76	46.00	-18.24	-9.53	3	Horizontal	360	1.00	-	37.29	24.98	2.60	37.11
PK	776.9M	37.43	46.00	-8.57	-7.11	3	Horizontal	360	1.00	-	44.54	27.25	3.10	37.46
PK	953.44M	32.18	46.00	-13.82	-3.90	3	Horizontal	360	1.00	-	36.08	30.07	3.37	37.34

BT-LE(2Mbps)
2402MHz_Adapter



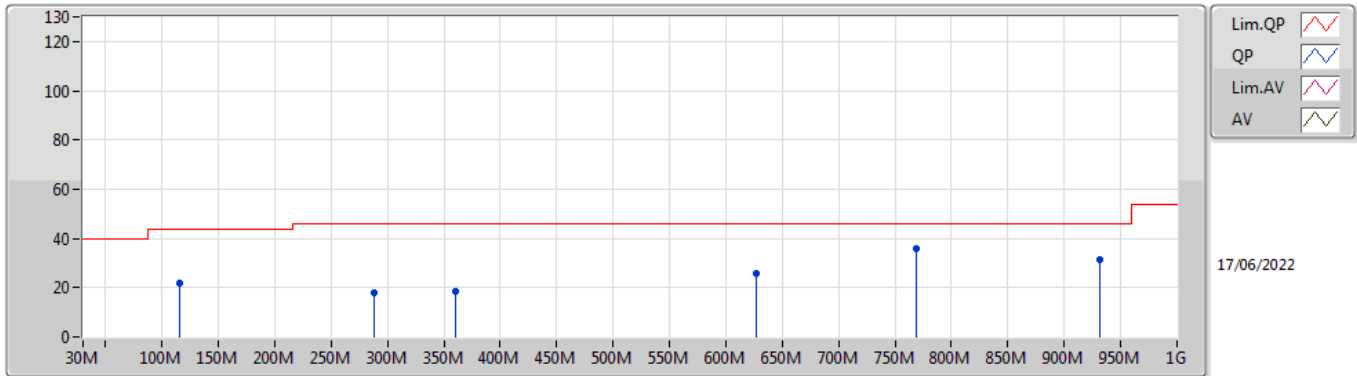
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	119.24M	21.59	43.50	-21.91	-18.82	3	Vertical	360	1.00	-	40.41	16.69	1.11	36.62
PK	185.2M	21.92	43.50	-21.58	-20.97	3	Vertical	360	1.00	-	42.89	14.09	1.37	36.43
PK	266.68M	19.17	46.00	-26.83	-15.98	3	Vertical	360	1.00	-	35.15	18.89	1.59	36.46
PK	359.8M	19.65	46.00	-26.35	-14.71	3	Vertical	360	1.00	-	34.36	19.91	1.91	36.53
PK	575.14M	25.57	46.00	-20.43	-9.53	3	Vertical	360	1.00	-	35.10	24.98	2.60	37.11
PK	776.9M	37.05	46.00	-8.95	-7.11	3	Vertical	360	1.00	-	44.16	27.25	3.10	37.46

BT-LE(2Mbps)
2402MHz_Adapter



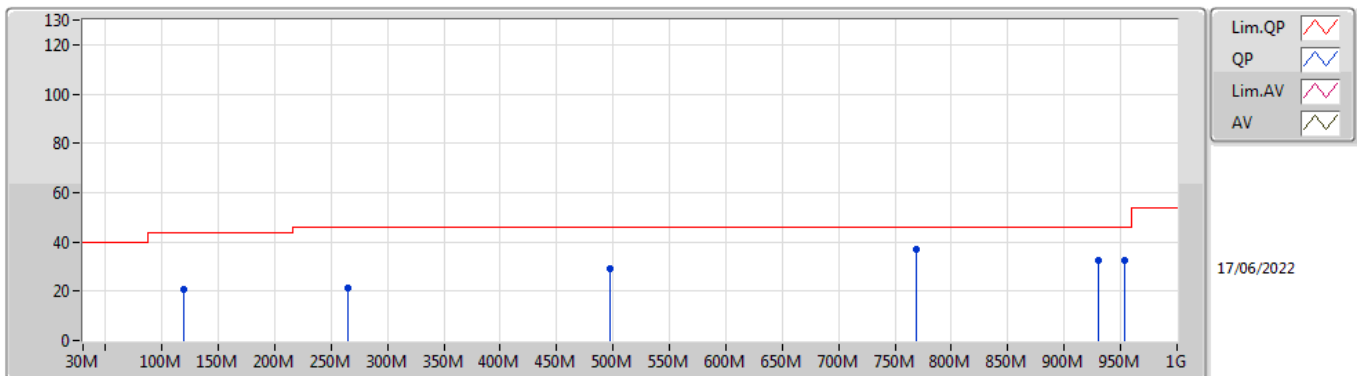
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	146.4M	27.67	43.50	-15.83	-18.68	3	Horizontal	0	1.00	-	46.35	16.43	1.33	36.44
PK	264.74M	21.48	46.00	-24.52	-15.67	3	Horizontal	0	1.00	-	37.15	19.21	1.58	36.46
PK	499.48M	23.86	46.00	-22.14	-11.53	3	Horizontal	0	1.00	-	35.39	23.11	2.34	36.98
PK	776.9M	35.58	46.00	-10.42	-7.11	3	Horizontal	0	1.00	-	42.69	27.25	3.10	37.46
PK	934.04M	32.06	46.00	-13.94	-4.80	3	Horizontal	0	1.00	-	36.86	29.29	3.34	37.43
PK	953.44M	32.49	46.00	-13.51	-3.90	3	Horizontal	0	1.00	-	36.39	30.07	3.37	37.34

BT-LE(2Mbps)
2402MHz_USB



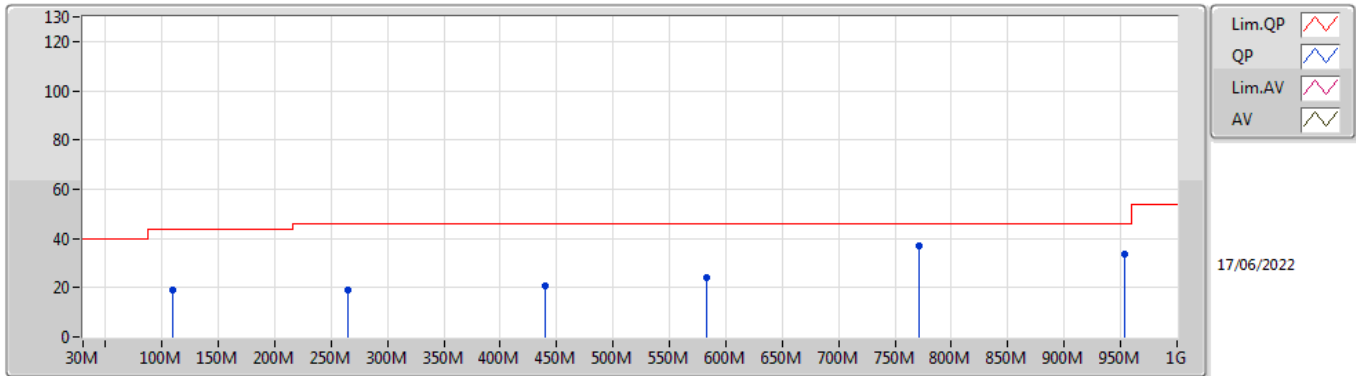
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	115.36M	21.60	43.50	-21.90	-19.05	3	Vertical	0	1.00	-	40.65	16.49	1.08	36.62
PK	288.02M	17.98	46.00	-28.02	-16.56	3	Vertical	0	1.00	-	34.54	18.20	1.67	36.43
PK	359.8M	18.71	46.00	-27.29	-14.71	3	Vertical	0	1.00	-	33.42	19.91	1.91	36.53
PK	627.52M	25.69	46.00	-20.31	-8.77	3	Vertical	0	1.00	-	34.46	25.58	2.78	37.13
PK	769.14M	36.03	46.00	-9.97	-7.06	3	Vertical	0	1.00	-	43.09	27.30	3.09	37.45
PK	932.1M	31.62	46.00	-14.38	-4.90	3	Vertical	0	1.00	-	36.52	29.20	3.34	37.44

BT-LE(2Mbps)
2402MHz_USB



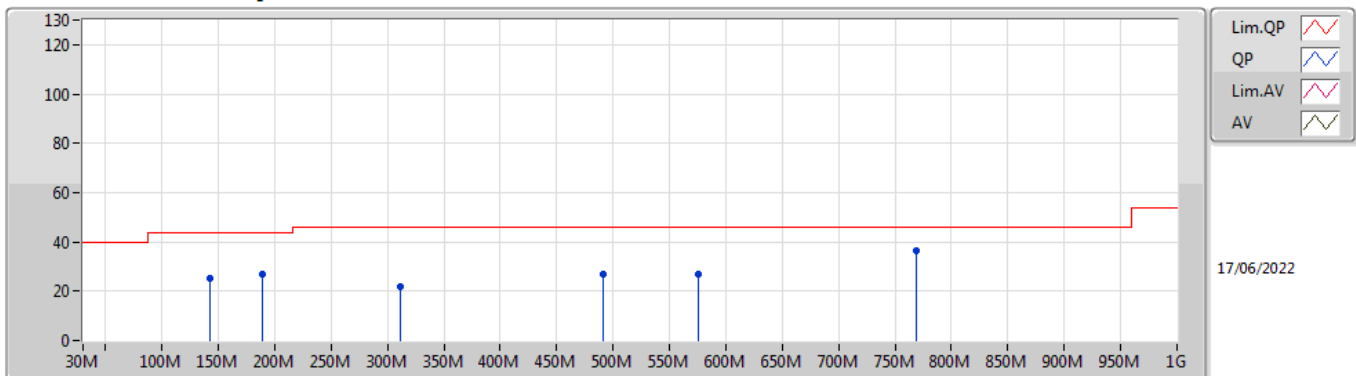
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PK	119.24M	20.90	43.50	-22.60	-18.82	3	Horizontal	360	1.00	-	39.72	16.69	1.11	36.62
PK	264.74M	21.53	46.00	-24.47	-15.67	3	Horizontal	360	1.00	-	37.20	19.21	1.58	36.46
PK	497.54M	29.12	46.00	-16.88	-11.54	3	Horizontal	360	1.00	-	40.66	23.09	2.33	36.96
PK	769.14M	37.17	46.00	-8.83	-7.06	3	Horizontal	360	1.00	-	44.23	27.30	3.09	37.45
PK	930.16M	32.54	46.00	-13.46	-5.00	3	Horizontal	360	1.00	-	37.54	29.11	3.34	37.45
PK	953.44M	32.67	46.00	-13.33	-3.90	3	Horizontal	360	1.00	-	36.57	30.07	3.37	37.34

BT-LE(2Mbps)
2440MHz_Adapter



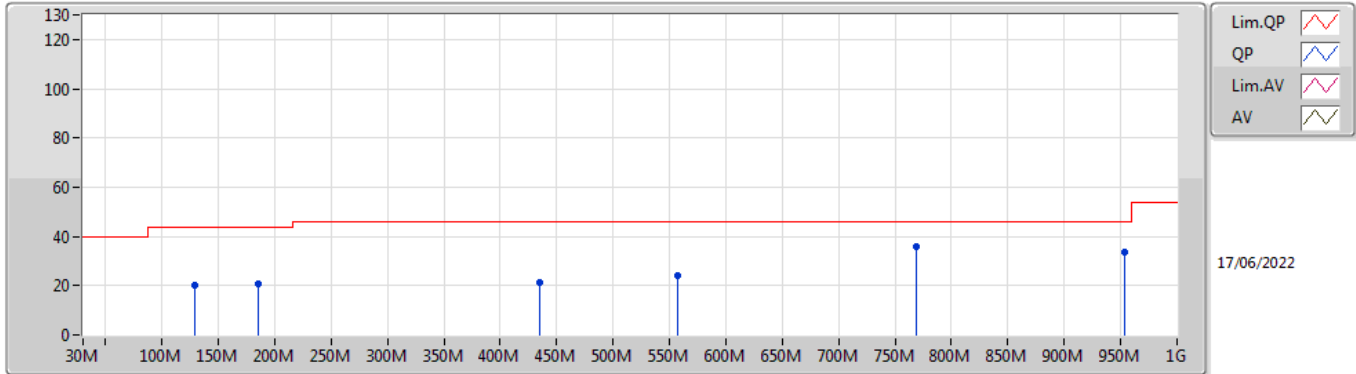
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	109.54M	19.02	43.50	-24.48	-19.48	3	Vertical	360	1.00	-	38.50	16.11	1.04	36.63
PK	264.74M	19.05	46.00	-26.95	-15.67	3	Vertical	360	1.00	-	34.72	19.21	1.58	36.46
PK	439.34M	20.53	46.00	-25.47	-12.33	3	Vertical	360	1.00	-	32.86	22.15	2.14	36.62
PK	582.9M	24.29	46.00	-21.71	-9.61	3	Vertical	360	1.00	-	33.90	24.87	2.62	37.10
PK	771.08M	36.71	46.00	-9.29	-7.06	3	Vertical	360	1.00	-	43.77	27.29	3.10	37.45
PK	953.44M	33.67	46.00	-12.33	-3.90	3	Vertical	360	1.00	-	37.57	30.07	3.37	37.34

BT-LE(2Mbps)
2440MHz_Adapter



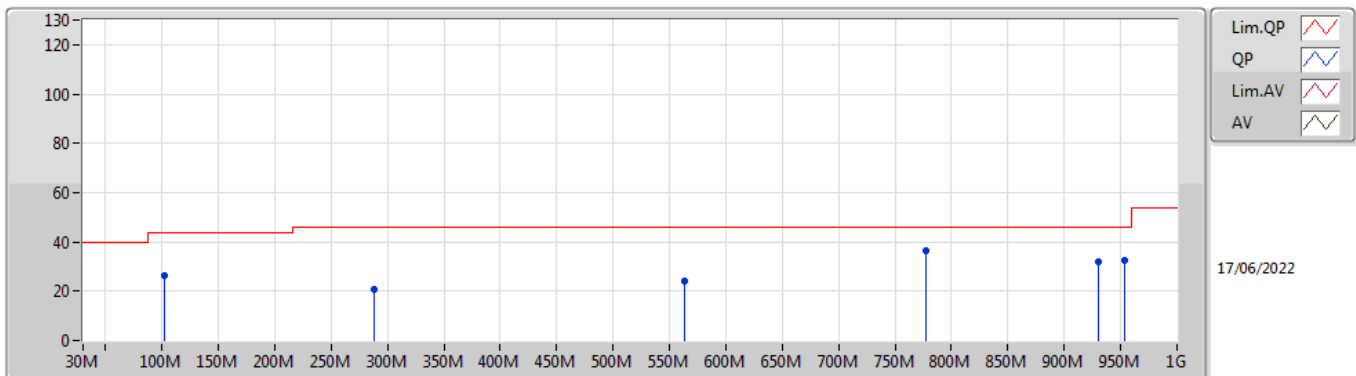
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PK	142.52M	25.26	43.50	-18.24	-18.53	3	Horizontal	0	1.00	-	43.79	16.58	1.33	36.44
PK	189.08M	26.70	43.50	-16.80	-20.97	3	Horizontal	0	1.00	-	47.67	14.04	1.37	36.38
PK	311.3M	21.92	46.00	-24.08	-16.25	3	Horizontal	0	1.00	-	38.17	18.44	1.75	36.44
PK	491.72M	27.09	46.00	-18.91	-11.60	3	Horizontal	0	1.00	-	38.69	23.02	2.31	36.93
PK	575.14M	26.96	46.00	-19.04	-9.53	3	Horizontal	0	1.00	-	36.49	24.98	2.60	37.11
PK	769.14M	36.36	46.00	-9.64	-7.06	3	Horizontal	0	1.00	-	43.42	27.30	3.09	37.45

BT-LE(2Mbps)
2440MHz_USB



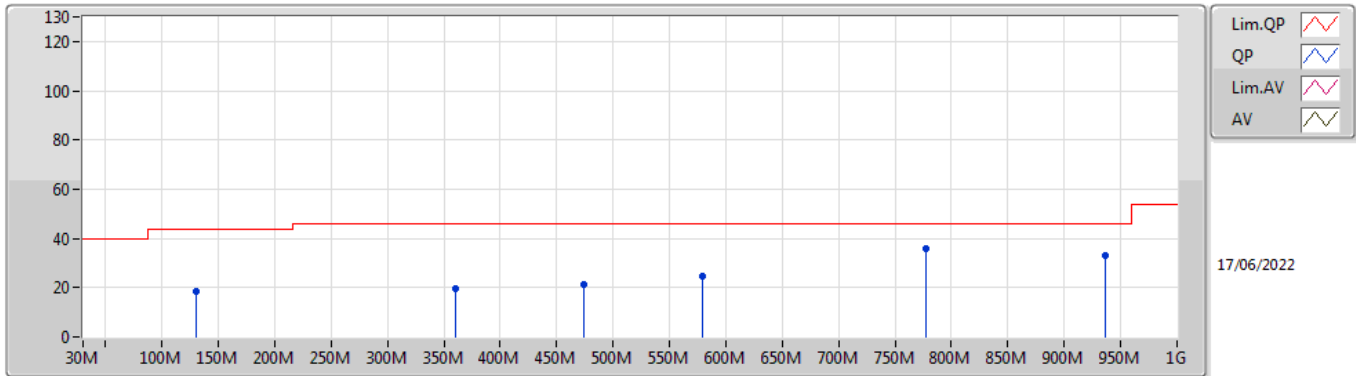
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	128.94M	20.09	43.50	-23.41	-18.48	3	Vertical	0	1.00	-	38.57	16.85	1.21	36.54
PK	185.2M	20.68	43.50	-22.82	-20.97	3	Vertical	0	1.00	-	41.65	14.09	1.37	36.43
PK	435.46M	21.21	46.00	-24.79	-12.32	3	Vertical	0	1.00	-	33.53	22.16	2.13	36.61
PK	557.68M	24.12	46.00	-21.88	-9.29	3	Vertical	0	1.00	-	33.41	25.28	2.55	37.12
PK	769.14M	35.70	46.00	-10.30	-7.06	3	Vertical	0	1.00	-	42.76	27.30	3.09	37.45
PK	953.44M	33.85	46.00	-12.15	-3.90	3	Vertical	0	1.00	-	37.75	30.07	3.37	37.34

BT-LE(2Mbps)
2440MHz_USB



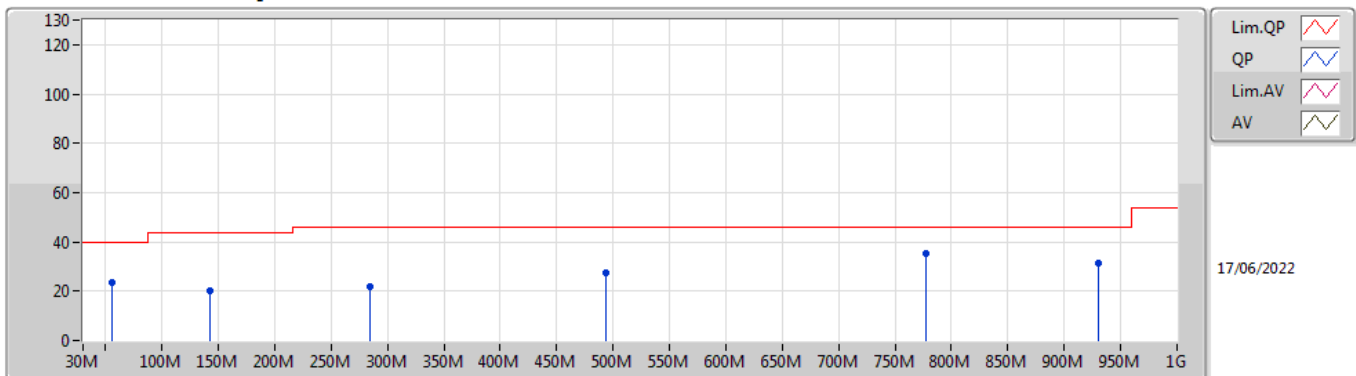
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	101.78M	26.07	43.50	-17.43	-20.16	3	Horizontal	360	1.00	-	46.23	15.51	0.97	36.64
PK	288.02M	20.89	46.00	-25.11	-16.56	3	Horizontal	360	1.00	-	37.45	18.20	1.67	36.43
PK	563.5M	23.99	46.00	-22.01	-9.24	3	Horizontal	360	1.00	-	33.23	25.31	2.57	37.12
PK	776.9M	36.62	46.00	-9.38	-7.11	3	Horizontal	360	1.00	-	43.73	27.25	3.10	37.46
PK	930.16M	31.85	46.00	-14.15	-5.00	3	Horizontal	360	1.00	-	36.85	29.11	3.34	37.45
PK	953.44M	32.56	46.00	-13.44	-3.90	3	Horizontal	360	1.00	-	36.46	30.07	3.37	37.34

BT-LE(2Mbps)
2480MHz_Adapter



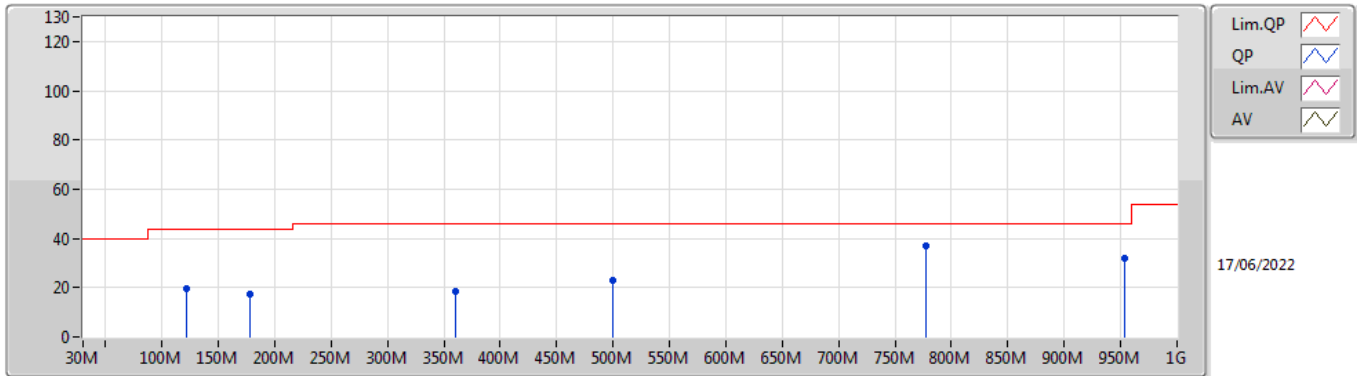
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	130.88M	18.69	43.50	-24.81	-18.46	3	Vertical	360	1.00	-	37.15	16.84	1.23	36.53
PK	359.8M	19.57	46.00	-26.43	-14.71	3	Vertical	360	1.00	-	34.28	19.91	1.91	36.53
PK	474.26M	21.46	46.00	-24.54	-11.79	3	Vertical	360	1.00	-	33.25	22.76	2.26	36.81
PK	579.02M	24.66	46.00	-21.34	-9.57	3	Vertical	360	1.00	-	34.23	24.93	2.61	37.11
PK	776.9M	35.69	46.00	-10.31	-7.11	3	Vertical	360	1.00	-	42.80	27.25	3.10	37.46
PK	935.98M	32.98	46.00	-13.02	-4.69	3	Vertical	360	1.00	-	37.67	29.38	3.35	37.42

BT-LE(2Mbps)
2480MHz_Adapter



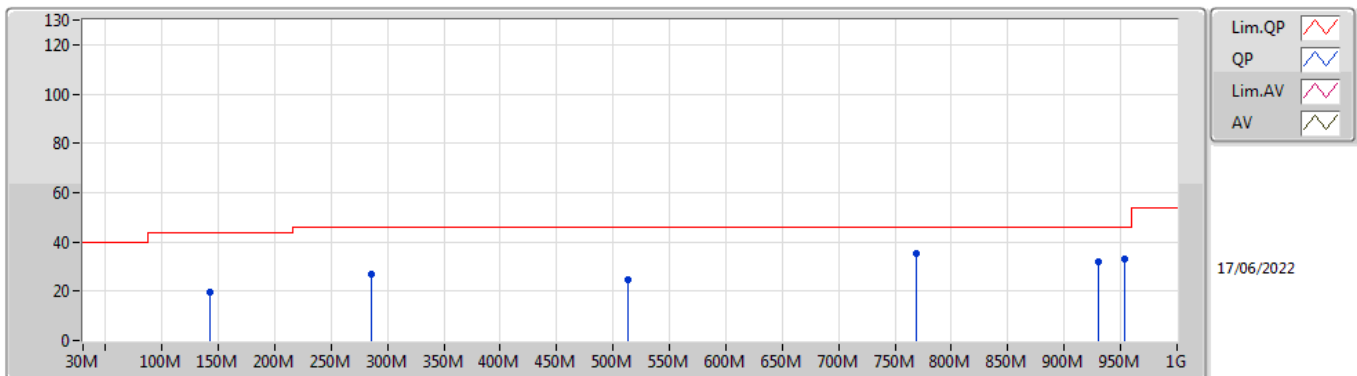
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	55.22M	23.40	40.00	-16.60	-24.79	3	Horizontal	0	1.00	-	48.19	11.63	0.68	37.10
PK	142.52M	20.15	43.50	-23.35	-18.53	3	Horizontal	0	1.00	-	38.68	16.58	1.33	36.44
PK	284.14M	21.59	46.00	-24.41	-16.70	3	Horizontal	0	1.00	-	38.29	18.08	1.65	36.43
PK	493.66M	27.39	46.00	-18.61	-11.58	3	Horizontal	0	1.00	-	38.97	23.04	2.32	36.94
PK	776.9M	35.46	46.00	-10.54	-7.11	3	Horizontal	0	1.00	-	42.57	27.25	3.10	37.46
PK	930.16M	31.50	46.00	-14.50	-5.00	3	Horizontal	0	1.00	-	36.50	29.11	3.34	37.45

BT-LE(2Mbps)
2480MHz_USB



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	121.18M	19.76	43.50	-23.74	-18.74	3	Vertical	0	1.00	-	38.50	16.74	1.13	36.61
PK	177.44M	17.16	43.50	-26.34	-20.70	3	Vertical	0	1.00	-	37.86	14.41	1.36	36.47
PK	359.8M	18.63	46.00	-27.37	-14.71	3	Vertical	0	1.00	-	33.34	19.91	1.91	36.53
PK	499.48M	23.03	46.00	-22.97	-11.53	3	Vertical	0	1.00	-	34.56	23.11	2.34	36.98
PK	776.9M	36.86	46.00	-9.14	-7.11	3	Vertical	0	1.00	-	43.97	27.25	3.10	37.46
PK	953.44M	32.16	46.00	-13.84	-3.90	3	Vertical	0	1.00	-	36.06	30.07	3.37	37.34

BT-LE(2Mbps)
2480MHz_USB



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	142.52M	19.40	43.50	-24.10	-18.53	3	Horizontal	360	1.00	-	37.93	16.58	1.33	36.44
PK	286.08M	26.78	46.00	-19.22	-16.63	3	Horizontal	360	1.00	-	43.41	18.14	1.66	36.43
PK	513.06M	24.43	46.00	-21.57	-11.49	3	Horizontal	360	1.00	-	35.92	23.14	2.39	37.02
PK	769.14M	35.30	46.00	-10.70	-7.06	3	Horizontal	360	1.00	-	42.36	27.30	3.09	37.45
PK	930.16M	32.18	46.00	-13.82	-5.00	3	Horizontal	360	1.00	-	37.18	29.11	3.34	37.45
PK	953.44M	32.80	46.00	-13.20	-3.90	3	Horizontal	360	1.00	-	36.70	30.07	3.37	37.34



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
BT-LE(1Mbps)	Pass	AV	2.4964G	47.67	54.00	-6.33	3	Vertical	50	1.44	-
BT-LE(2Mbps)	Pass	AV	2.4868G	49.37	54.00	-4.63	3	Vertical	52	1.44	-



Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
BT-LE(1Mbps)	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3728G	46.68	54.00	-7.32	3	Vertical	43	1.29	-
2402MHz	Pass	AV	2.402G	95.33	Inf	-Inf	3	Vertical	43	1.29	-
2402MHz	Pass	PK	2.3636G	57.30	74.00	-16.70	3	Vertical	43	1.29	-
2402MHz	Pass	PK	2.4022G	96.04	Inf	-Inf	3	Vertical	43	1.29	-
2402MHz	Pass	AV	2.3818G	46.50	54.00	-7.50	3	Horizontal	80	1.42	-
2402MHz	Pass	AV	2.402G	95.23	Inf	-Inf	3	Horizontal	80	1.42	-
2402MHz	Pass	PK	2.3744G	56.70	74.00	-17.30	3	Horizontal	80	1.42	-
2402MHz	Pass	PK	2.4022G	95.99	Inf	-Inf	3	Horizontal	80	1.42	-
2402MHz	Pass	AV	4.80219G	36.22	54.00	-17.78	3	Vertical	300	1.50	-
2402MHz	Pass	PK	4.80176G	47.34	74.00	-26.66	3	Vertical	300	1.50	-
2402MHz	Pass	AV	4.8018G	36.12	54.00	-17.88	3	Horizontal	318	1.50	-
2402MHz	Pass	PK	4.80549G	46.57	74.00	-27.43	3	Horizontal	318	1.50	-
2440MHz	Pass	AV	2.3488G	46.61	54.00	-7.39	3	Vertical	50	1.44	-
2440MHz	Pass	AV	2.44G	97.08	Inf	-Inf	3	Vertical	50	1.44	-
2440MHz	Pass	AV	2.4964G	47.67	54.00	-6.33	3	Vertical	50	1.44	-
2440MHz	Pass	PK	2.3696G	57.38	74.00	-16.62	3	Vertical	50	1.44	-
2440MHz	Pass	PK	2.4404G	97.74	Inf	-Inf	3	Vertical	50	1.44	-
2440MHz	Pass	PK	2.484G	56.99	74.00	-17.01	3	Vertical	50	1.44	-
2440MHz	Pass	AV	2.3708G	46.56	54.00	-7.44	3	Horizontal	83	1.15	-
2440MHz	Pass	AV	2.44G	97.39	Inf	-Inf	3	Horizontal	83	1.15	-
2440MHz	Pass	AV	2.4996G	47.34	54.00	-6.66	3	Horizontal	83	1.15	-
2440MHz	Pass	PK	2.3624G	56.52	74.00	-17.48	3	Horizontal	83	1.15	-
2440MHz	Pass	PK	2.4404G	98.07	Inf	-Inf	3	Horizontal	83	1.15	-
2440MHz	Pass	PK	2.498G	57.36	74.00	-16.64	3	Horizontal	83	1.15	-
2440MHz	Pass	AV	4.87913G	35.48	54.00	-18.52	3	Vertical	178	1.50	-
2440MHz	Pass	PK	4.87961G	46.83	74.00	-27.17	3	Vertical	178	1.50	-
2440MHz	Pass	AV	4.87833G	35.94	54.00	-18.06	3	Horizontal	8	3.00	-
2440MHz	Pass	PK	4.8807G	46.34	74.00	-27.66	3	Horizontal	8	3.00	-
2480MHz	Pass	AV	2.48G	95.59	Inf	-Inf	3	Vertical	54	1.45	-
2480MHz	Pass	AV	2.4836G	47.41	54.00	-6.59	3	Vertical	54	1.45	-
2480MHz	Pass	PK	2.4798G	96.32	Inf	-Inf	3	Vertical	54	1.45	-
2480MHz	Pass	PK	2.497G	57.70	74.00	-16.30	3	Vertical	54	1.45	-
2480MHz	Pass	AV	2.48G	96.97	Inf	-Inf	3	Horizontal	77	1.00	-
2480MHz	Pass	AV	2.4876G	47.49	54.00	-6.51	3	Horizontal	77	1.00	-
2480MHz	Pass	PK	2.4798G	97.70	Inf	-Inf	3	Horizontal	77	1.00	-
2480MHz	Pass	PK	2.4904G	57.84	74.00	-16.16	3	Horizontal	77	1.00	-
2480MHz	Pass	AV	4.96219G	36.16	54.00	-17.84	3	Vertical	61	2.20	-
2480MHz	Pass	PK	4.95977G	46.74	74.00	-27.26	3	Vertical	61	2.20	-
2480MHz	Pass	AV	4.96133G	36.36	54.00	-17.64	3	Horizontal	290	1.89	-
2480MHz	Pass	PK	4.96038G	46.89	74.00	-27.11	3	Horizontal	290	1.89	-
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3686G	48.16	54.00	-5.84	3	Vertical	43	1.28	-
2402MHz	Pass	AV	2.402G	94.04	Inf	-Inf	3	Vertical	43	1.28	-
2402MHz	Pass	PK	2.373G	56.72	74.00	-17.28	3	Vertical	43	1.28	-
2402MHz	Pass	PK	2.4024G	96.25	Inf	-Inf	3	Vertical	43	1.28	-
2402MHz	Pass	AV	2.387G	48.15	54.00	-5.85	3	Horizontal	80	1.42	-
2402MHz	Pass	AV	2.4022G	93.75	Inf	-Inf	3	Horizontal	80	1.42	-
2402MHz	Pass	PK	2.3796G	57.29	74.00	-16.71	3	Horizontal	80	1.42	-
2402MHz	Pass	PK	2.4024G	95.99	Inf	-Inf	3	Horizontal	80	1.42	-
2402MHz	Pass	AV	4.80203G	37.50	54.00	-16.50	3	Vertical	219	1.52	-
2402MHz	Pass	PK	4.80208G	47.01	74.00	-26.99	3	Vertical	219	1.52	-
2402MHz	Pass	AV	4.80162G	37.42	54.00	-16.58	3	Horizontal	70	1.50	-
2402MHz	Pass	PK	4.80218G	46.70	74.00	-27.30	3	Horizontal	70	1.50	-
2440MHz	Pass	AV	2.3688G	48.09	54.00	-5.91	3	Vertical	52	1.44	-
2440MHz	Pass	AV	2.44G	95.60	Inf	-Inf	3	Vertical	52	1.44	-
2440MHz	Pass	AV	2.4868G	49.37	54.00	-4.63	3	Vertical	52	1.44	-
2440MHz	Pass	PK	2.3864G	56.56	74.00	-17.44	3	Vertical	52	1.44	-
2440MHz	Pass	PK	2.4404G	97.73	Inf	-Inf	3	Vertical	52	1.44	-
2440MHz	Pass	PK	2.492G	57.51	74.00	-16.49	3	Vertical	52	1.44	-
2440MHz	Pass	AV	2.3712G	48.72	54.00	-5.28	3	Horizontal	82	1.14	-



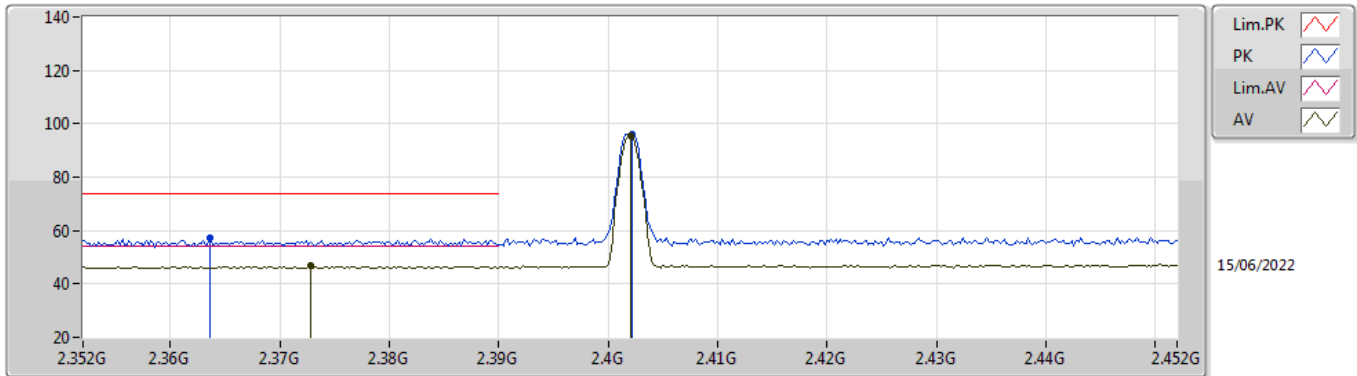
RSE TX above 1GHz

Appendix F.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2440MHz	Pass	AV	2.44G	96.07	Inf	-Inf	3	Horizontal	82	1.14	-
2440MHz	Pass	AV	2.4872G	48.85	54.00	-5.15	3	Horizontal	82	1.14	-
2440MHz	Pass	PK	2.3512G	57.53	74.00	-16.47	3	Horizontal	82	1.14	-
2440MHz	Pass	PK	2.4404G	98.24	Inf	-Inf	3	Horizontal	82	1.14	-
2440MHz	Pass	PK	2.498G	57.74	74.00	-16.26	3	Horizontal	82	1.14	-
2440MHz	Pass	AV	4.87987G	37.24	54.00	-16.76	3	Vertical	278	2.83	-
2440MHz	Pass	PK	4.88049G	46.12	74.00	-27.88	3	Vertical	278	2.83	-
2440MHz	Pass	AV	4.88024G	36.98	54.00	-17.02	3	Horizontal	19	1.50	-
2440MHz	Pass	PK	4.88036G	46.78	74.00	-27.22	3	Horizontal	19	1.50	-
2480MHz	Pass	AV	2.48G	94.17	Inf	-Inf	3	Vertical	56	1.45	-
2480MHz	Pass	AV	2.4902G	48.94	54.00	-5.06	3	Vertical	56	1.45	-
2480MHz	Pass	PK	2.4794G	96.30	Inf	-Inf	3	Vertical	56	1.45	-
2480MHz	Pass	PK	2.4944G	57.90	74.00	-16.10	3	Vertical	56	1.45	-
2480MHz	Pass	AV	2.48G	95.78	Inf	-Inf	3	Horizontal	79	1.00	-
2480MHz	Pass	AV	2.486G	48.93	54.00	-5.07	3	Horizontal	79	1.00	-
2480MHz	Pass	PK	2.4794G	97.78	Inf	-Inf	3	Horizontal	79	1.00	-
2480MHz	Pass	PK	2.4982G	58.02	74.00	-15.98	3	Horizontal	79	1.00	-
2480MHz	Pass	AV	4.95794G	37.56	54.00	-16.44	3	Vertical	81	1.50	-
2480MHz	Pass	PK	4.96128G	47.19	74.00	-26.81	3	Vertical	81	1.50	-
2480MHz	Pass	AV	4.96072G	37.82	54.00	-16.18	3	Horizontal	304	1.50	-
2480MHz	Pass	PK	4.95941G	47.51	74.00	-26.49	3	Horizontal	304	1.50	-

BT-LE(1Mbps)

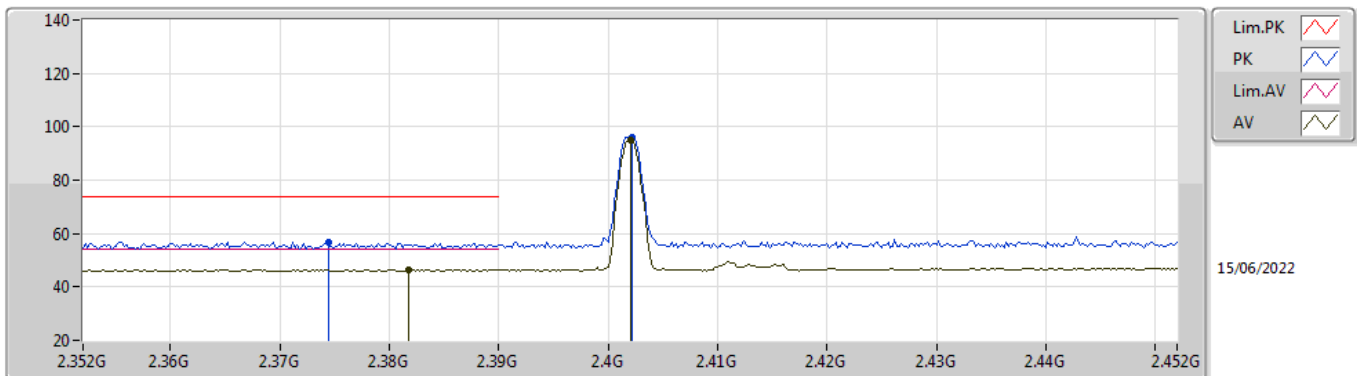
2402MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3728G	46.68	54.00	-7.32	31.89	3	Vertical	43	1.29	-	14.79	27.34	4.55	-
AV	2.402G	95.33	Inf	-Inf	32.08	3	Vertical	43	1.29	-	63.25	27.50	4.58	-
PK	2.3636G	57.30	74.00	-16.70	31.83	3	Vertical	43	1.29	-	25.47	27.28	4.55	-
PK	2.4022G	96.04	Inf	-Inf	32.08	3	Vertical	43	1.29	-	63.96	27.50	4.58	-

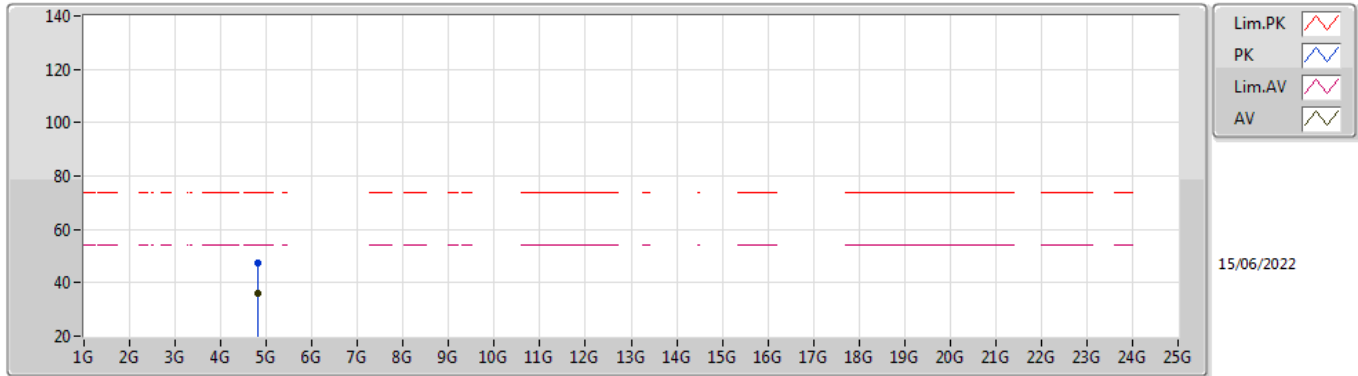
BT-LE(1Mbps)

2402MHz_TX



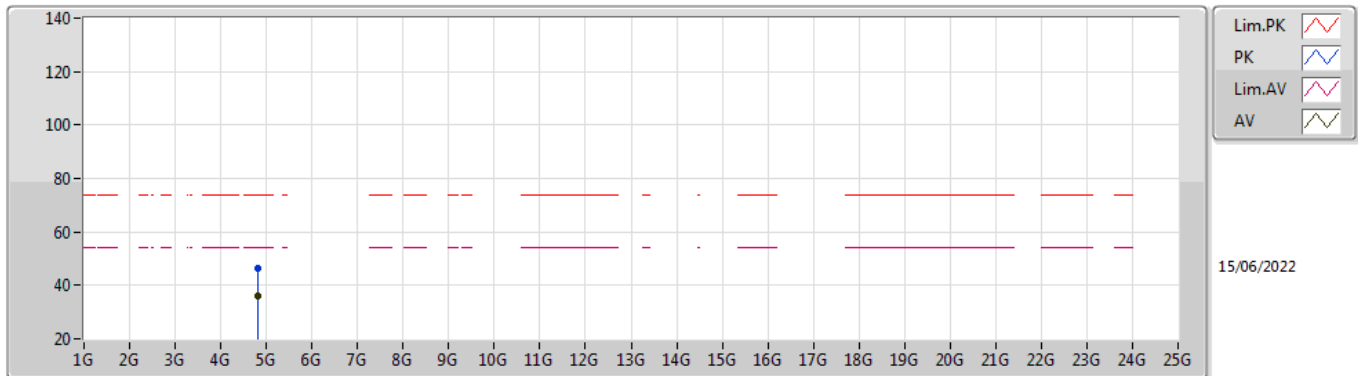
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3818G	46.50	54.00	-7.50	31.95	3	Horizontal	80	1.42	-	14.55	27.39	4.56	-
AV	2.402G	95.23	Inf	-Inf	32.08	3	Horizontal	80	1.42	-	63.15	27.50	4.58	-
PK	2.3744G	56.70	74.00	-17.30	31.91	3	Horizontal	80	1.42	-	24.79	27.35	4.56	-
PK	2.4022G	95.99	Inf	-Inf	32.08	3	Horizontal	80	1.42	-	63.91	27.50	4.58	-

BT-LE(1Mbps)
2402MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.80219G	36.22	54.00	-17.78	4.16	3	Vertical	300	1.50	-	32.06	32.31	6.66	34.81
PK	4.80176G	47.34	74.00	-26.66	4.16	3	Vertical	300	1.50	-	43.18	32.31	6.66	34.81

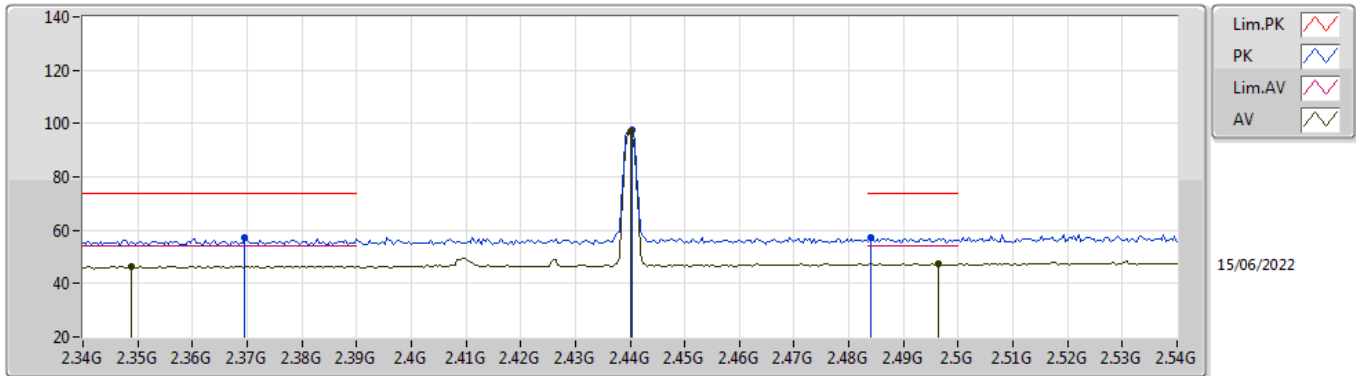
BT-LE(1Mbps)
2402MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8018G	36.12	54.00	-17.88	4.16	3	Horizontal	318	1.50	-	31.96	32.31	6.66	34.81
PK	4.80549G	46.57	74.00	-27.43	4.18	3	Horizontal	318	1.50	-	42.39	32.33	6.66	34.81

BT-LE(1Mbps)

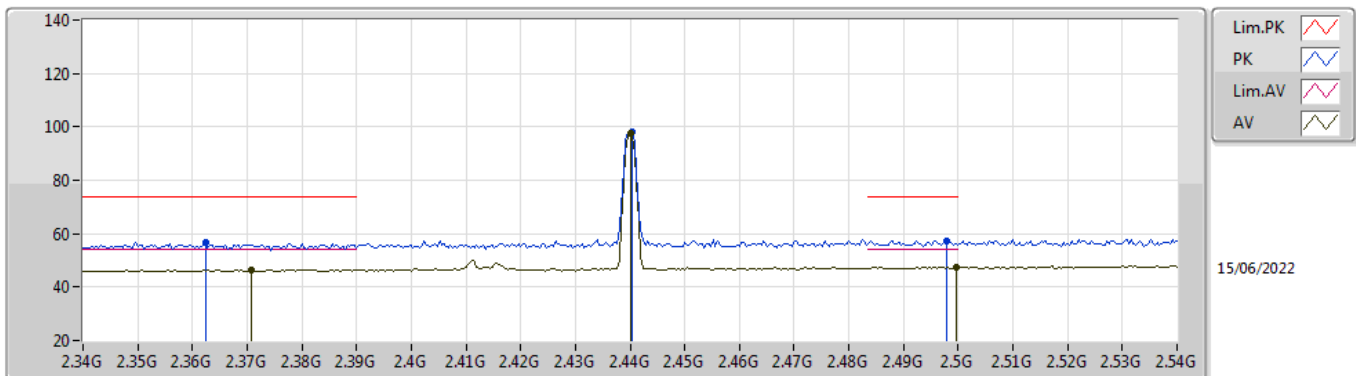
2440MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3488G	46.61	54.00	-7.39	31.73	3	Vertical	50	1.44	-	14.88	27.20	4.53	-
AV	2.44G	97.08	Inf	-Inf	32.18	3	Vertical	50	1.44	-	64.90	27.58	4.60	-
AV	2.4964G	47.67	54.00	-6.33	32.50	3	Vertical	50	1.44	-	15.17	27.88	4.62	-
PK	2.3696G	57.38	74.00	-16.62	31.87	3	Vertical	50	1.44	-	25.51	27.32	4.55	-
PK	2.4404G	97.74	Inf	-Inf	32.18	3	Vertical	50	1.44	-	65.56	27.58	4.60	-
PK	2.484G	56.99	74.00	-17.01	32.41	3	Vertical	50	1.44	-	24.58	27.80	4.61	-

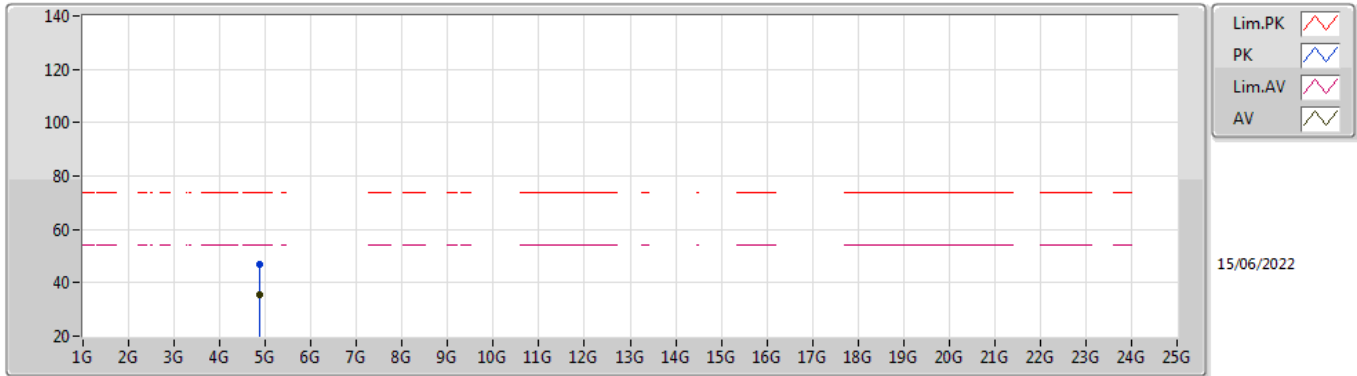
BT-LE(1Mbps)

2440MHz_TX



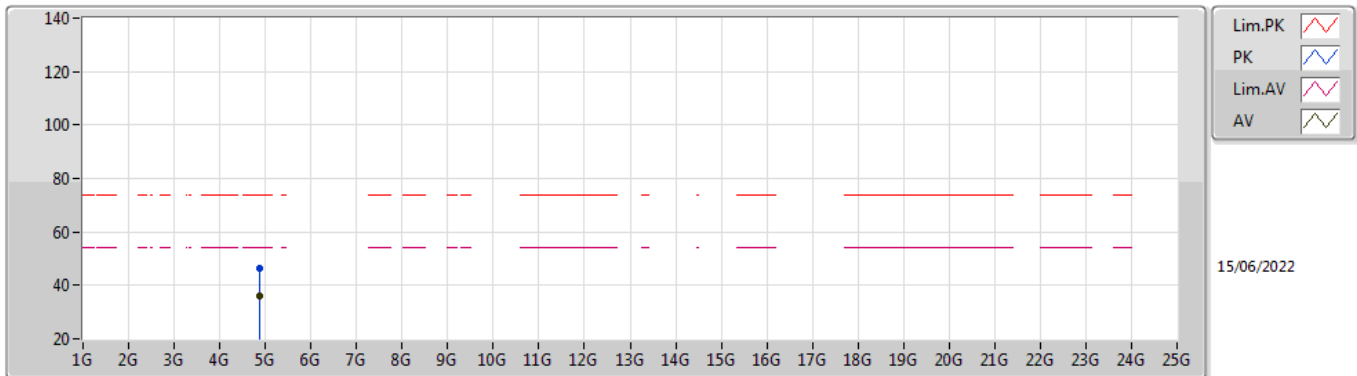
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3708G	46.56	54.00	-7.44	31.87	3	Horizontal	83	1.15	-	14.69	27.32	4.55	-
AV	2.44G	97.39	Inf	-Inf	32.18	3	Horizontal	83	1.15	-	65.21	27.58	4.60	-
AV	2.4996G	47.34	54.00	-6.66	32.52	3	Horizontal	83	1.15	-	14.82	27.90	4.62	-
PK	2.3624G	56.52	74.00	-17.48	31.81	3	Horizontal	83	1.15	-	24.71	27.27	4.54	-
PK	2.4404G	98.07	Inf	-Inf	32.18	3	Horizontal	83	1.15	-	65.89	27.58	4.60	-
PK	2.498G	57.36	74.00	-16.64	32.51	3	Horizontal	83	1.15	-	24.85	27.89	4.62	-

BT-LE(1Mbps)
2440MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87913G	35.48	54.00	-18.52	4.65	3	Vertical	178	1.50	-	30.83	32.72	6.72	34.79
PK	4.87961G	46.83	74.00	-27.17	4.65	3	Vertical	178	1.50	-	42.18	32.72	6.72	34.79

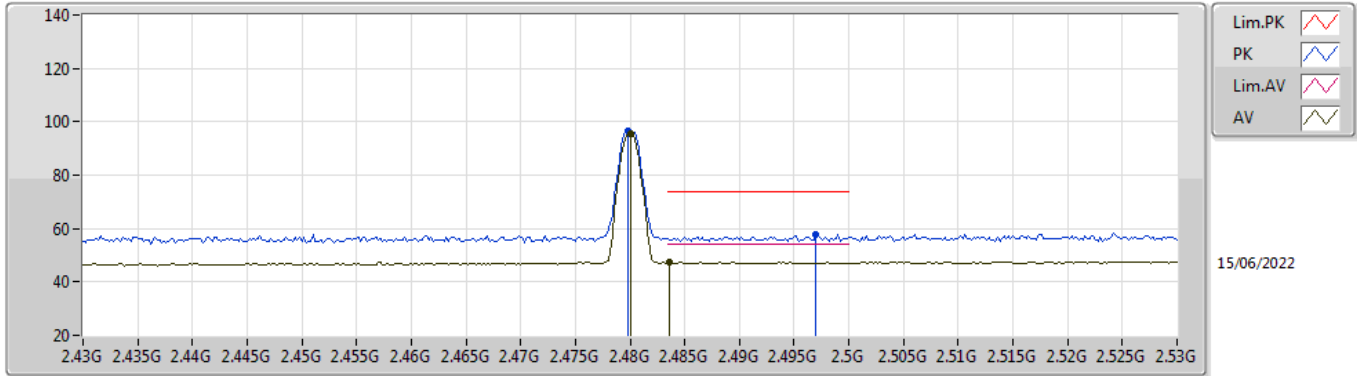
BT-LE(1Mbps)
2440MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87833G	35.94	54.00	-18.06	4.64	3	Horizontal	8	3.00	-	31.30	32.71	6.72	34.79
PK	4.8807G	46.34	74.00	-27.66	4.65	3	Horizontal	8	3.00	-	41.69	32.72	6.72	34.79

BT-LE(1Mbps)

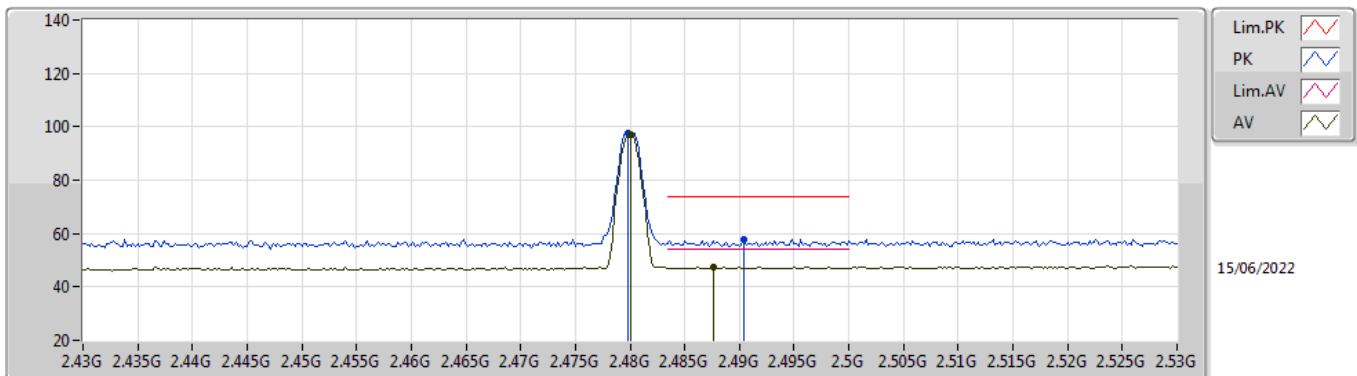
2480MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.48G	95.59	Inf	-Inf	32.39	3	Vertical	54	1.45	-	63.20	27.78	4.61	-
AV	2.4836G	47.41	54.00	-6.59	32.41	3	Vertical	54	1.45	-	15.00	27.80	4.61	-
PK	2.4798G	96.32	Inf	-Inf	32.39	3	Vertical	54	1.45	-	63.93	27.78	4.61	-
PK	2.497G	57.70	74.00	-16.30	32.50	3	Vertical	54	1.45	-	25.20	27.88	4.62	-

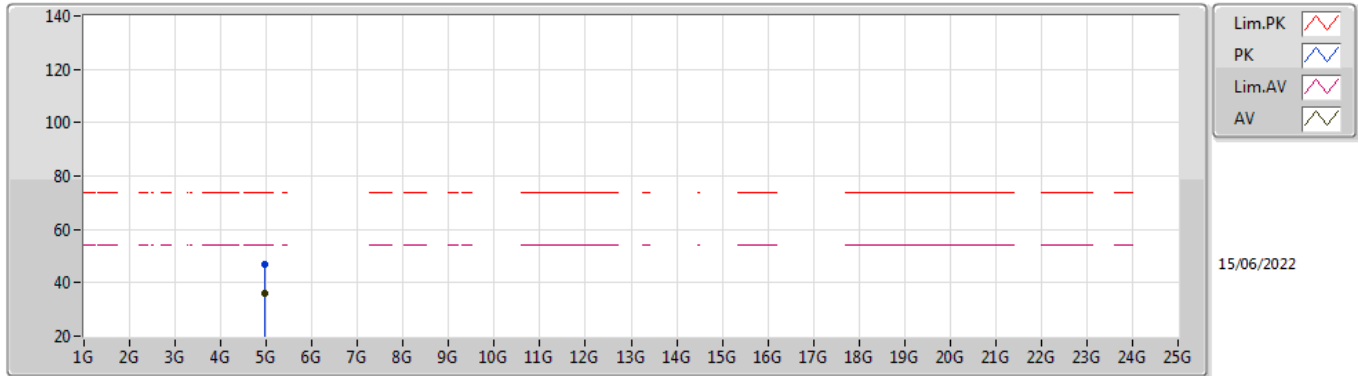
BT-LE(1Mbps)

2480MHz_TX



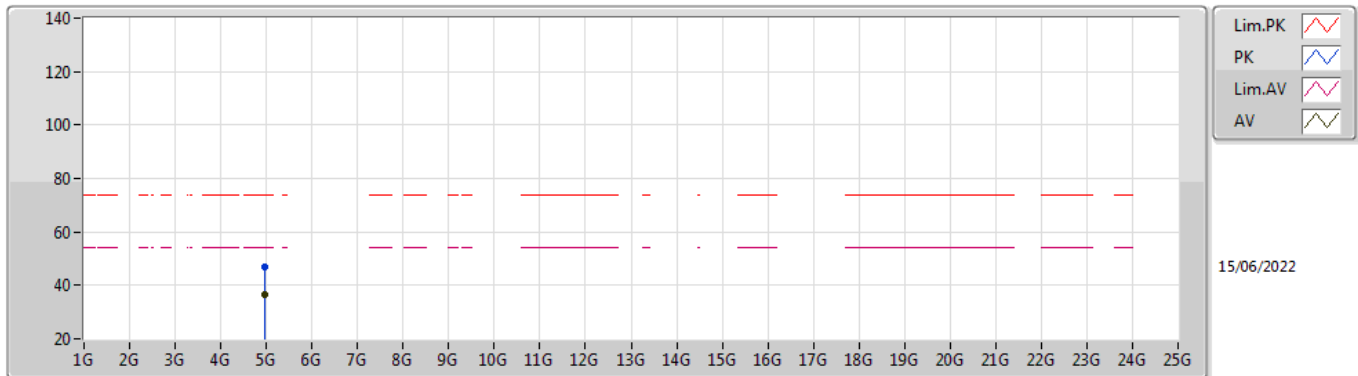
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.48G	96.97	Inf	-Inf	32.39	3	Horizontal	77	1.00	-	64.58	27.78	4.61	-
AV	2.4876G	47.49	54.00	-6.51	32.45	3	Horizontal	77	1.00	-	15.04	27.83	4.62	-
PK	2.4798G	97.70	Inf	-Inf	32.39	3	Horizontal	77	1.00	-	65.31	27.78	4.61	-
PK	2.4904G	57.84	74.00	-16.16	32.46	3	Horizontal	77	1.00	-	25.38	27.84	4.62	-

BT-LE(1Mbps)
2480MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.96219G	36.16	54.00	-17.84	5.03	3	Vertical	61	2.20	-	31.13	33.02	6.78	34.77
PK	4.95977G	46.74	74.00	-27.26	5.03	3	Vertical	61	2.20	-	41.71	33.02	6.78	34.77

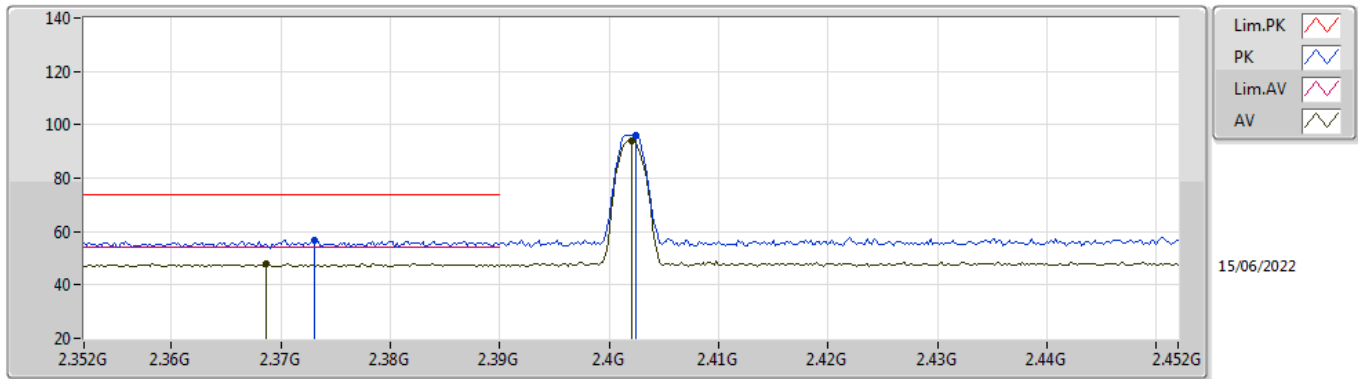
BT-LE(1Mbps)
2480MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.96133G	36.36	54.00	-17.64	5.03	3	Horizontal	290	1.89	-	31.33	33.02	6.78	34.77
PK	4.96038G	46.89	74.00	-27.11	5.03	3	Horizontal	290	1.89	-	41.86	33.02	6.78	34.77

BT-LE(2Mbps)

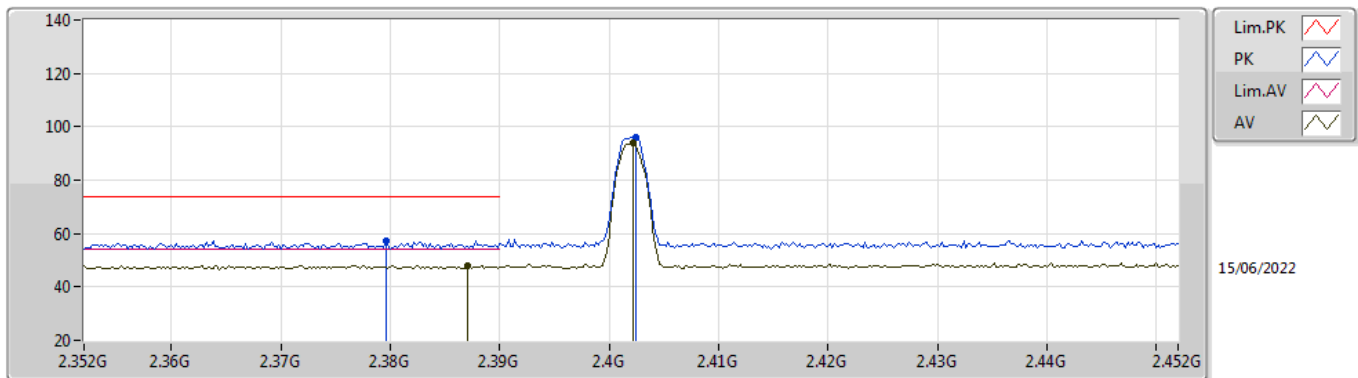
2402MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3686G	48.16	54.00	-5.84	31.86	3	Vertical	43	1.28	-	16.30	27.31	4.55	-
AV	2.402G	94.04	Inf	-Inf	32.08	3	Vertical	43	1.28	-	61.96	27.50	4.58	-
PK	2.373G	56.72	74.00	-17.28	31.89	3	Vertical	43	1.28	-	24.83	27.34	4.55	-
PK	2.4024G	96.25	Inf	-Inf	32.08	3	Vertical	43	1.28	-	64.17	27.50	4.58	-

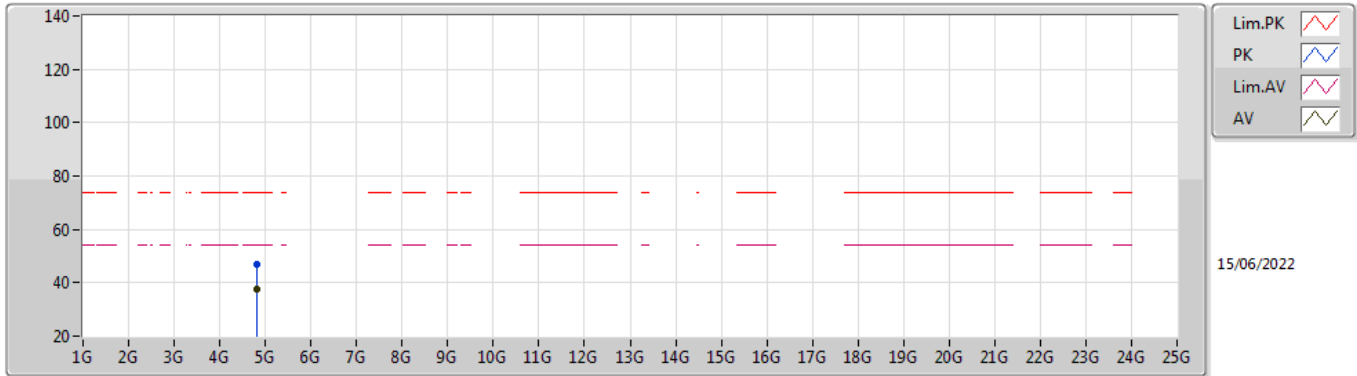
BT-LE(2Mbps)

2402MHz_TX



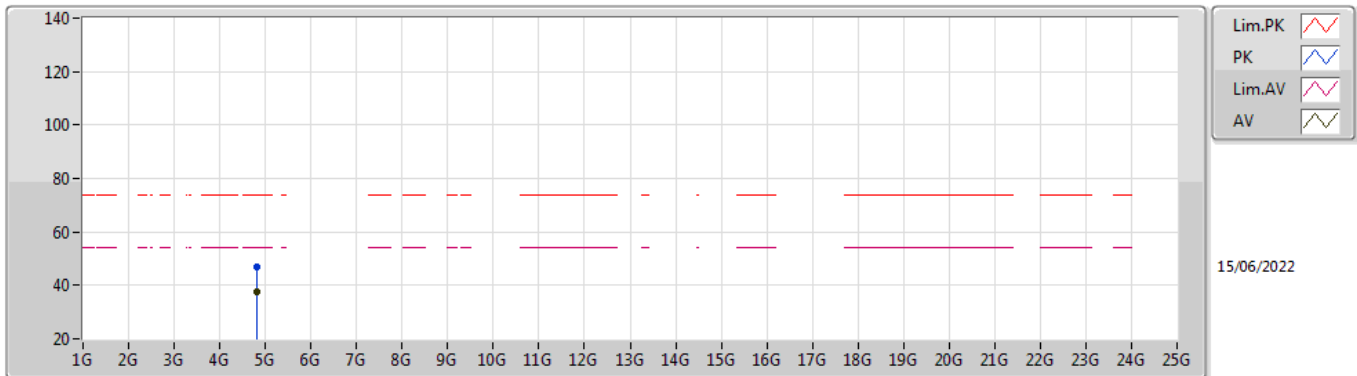
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AV	2.387G	48.15	54.00	-5.85	31.99	3	Horizontal	80	1.42	-	16.16	27.42	4.57	-
AV	2.4022G	93.75	Inf	-Inf	32.08	3	Horizontal	80	1.42	-	61.67	27.50	4.58	-
PK	2.3796G	57.29	74.00	-16.71	31.94	3	Horizontal	80	1.42	-	25.35	27.38	4.56	-
PK	2.4024G	95.99	Inf	-Inf	32.08	3	Horizontal	80	1.42	-	63.91	27.50	4.58	-

BT-LE(2Mbps)
2402MHz_TX



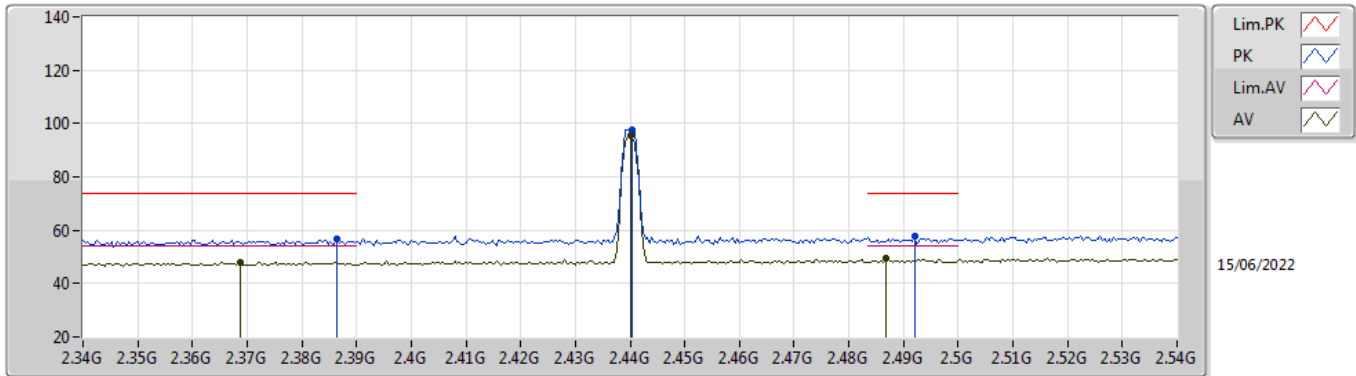
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.80203G	37.50	54.00	-16.50	4.16	3	Vertical	219	1.52	-	33.34	32.31	6.66	34.81
PK	4.80208G	47.01	74.00	-26.99	4.16	3	Vertical	219	1.52	-	42.85	32.31	6.66	34.81

BT-LE(2Mbps)
2402MHz_TX



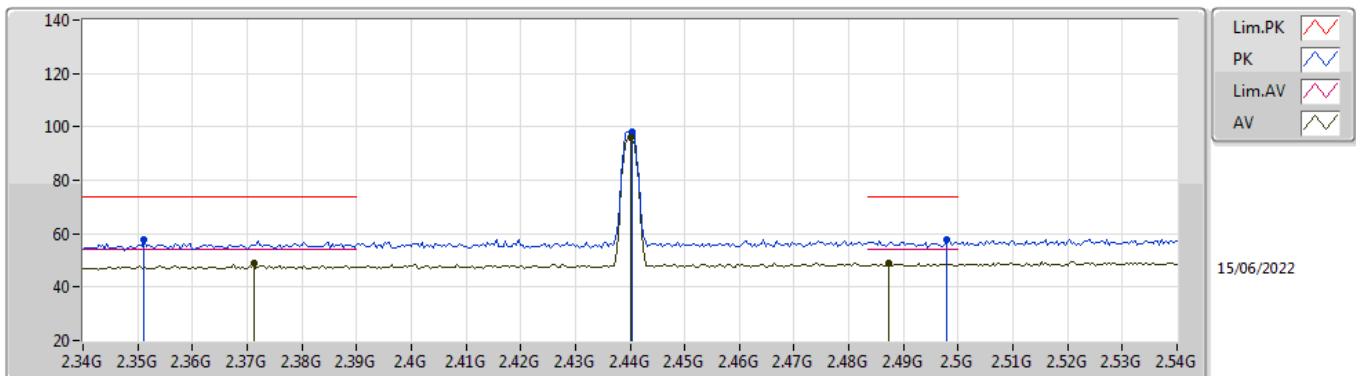
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.80162G	37.42	54.00	-16.58	4.16	3	Horizontal	70	1.50	-	33.26	32.31	6.66	34.81
PK	4.80218G	46.70	74.00	-27.30	4.16	3	Horizontal	70	1.50	-	42.54	32.31	6.66	34.81

BT-LE(2Mbps)
2440MHz_TX



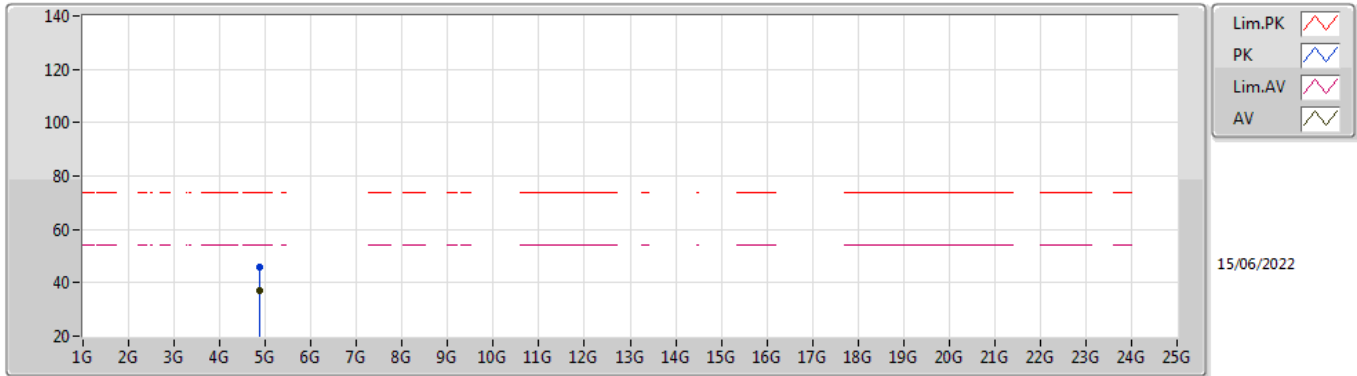
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3688G	48.09	54.00	-5.91	31.86	3	Vertical	52	1.44	-	16.23	27.31	4.55	-
AV	2.44G	95.60	Inf	-Inf	32.18	3	Vertical	52	1.44	-	63.42	27.58	4.60	-
AV	2.4868G	49.37	54.00	-4.63	32.43	3	Vertical	52	1.44	-	16.94	27.82	4.61	-
PK	2.3864G	56.56	74.00	-17.44	31.99	3	Vertical	52	1.44	-	24.57	27.42	4.57	-
PK	2.4404G	97.73	Inf	-Inf	32.18	3	Vertical	52	1.44	-	65.55	27.58	4.60	-
PK	2.492G	57.51	74.00	-16.49	32.47	3	Vertical	52	1.44	-	25.04	27.85	4.62	-

BT-LE(2Mbps)
2440MHz_TX



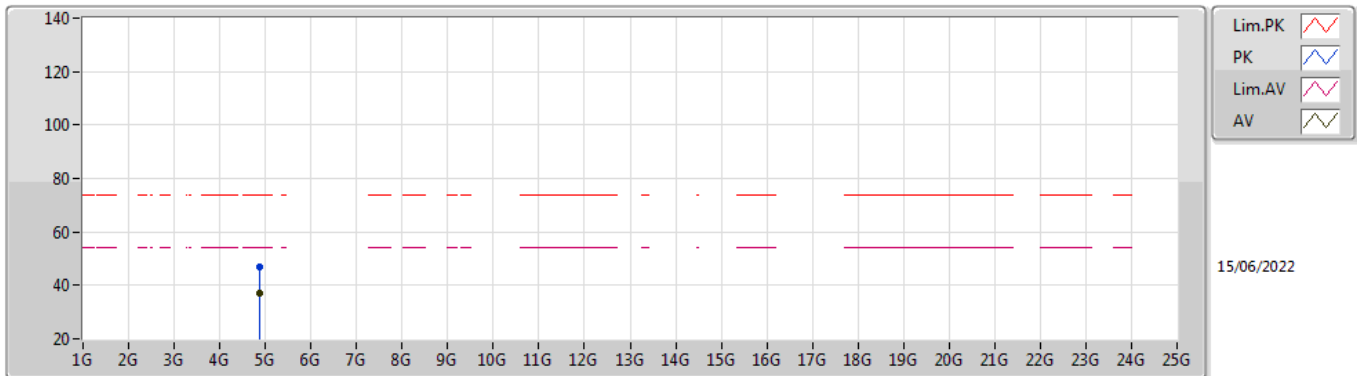
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3712G	48.72	54.00	-5.28	31.88	3	Horizontal	82	1.14	-	16.84	27.33	4.55	-
AV	2.44G	96.07	Inf	-Inf	32.18	3	Horizontal	82	1.14	-	63.89	27.58	4.60	-
AV	2.4872G	48.85	54.00	-5.15	32.43	3	Horizontal	82	1.14	-	16.42	27.82	4.61	-
PK	2.3512G	57.53	74.00	-16.47	31.74	3	Horizontal	82	1.14	-	25.79	27.21	4.53	-
PK	2.4404G	98.24	Inf	-Inf	32.18	3	Horizontal	82	1.14	-	66.06	27.58	4.60	-
PK	2.498G	57.74	74.00	-16.26	32.51	3	Horizontal	82	1.14	-	25.23	27.89	4.62	-

BT-LE(2Mbps)
2440MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87987G	37.24	54.00	-16.76	4.65	3	Vertical	278	2.83	-	32.59	32.72	6.72	34.79
PK	4.88049G	46.12	74.00	-27.88	4.65	3	Vertical	278	2.83	-	41.47	32.72	6.72	34.79

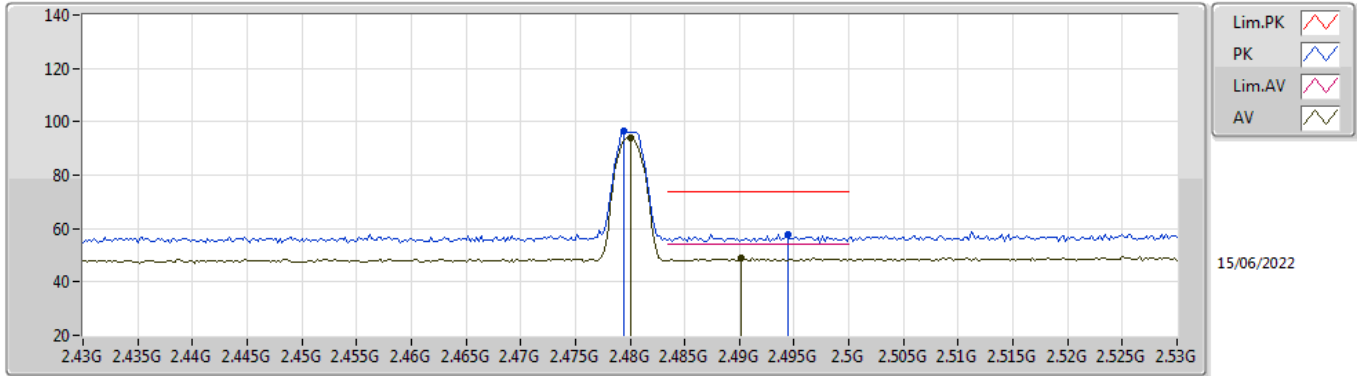
BT-LE(2Mbps)
2440MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.88024G	36.98	54.00	-17.02	4.65	3	Horizontal	19	1.50	-	32.33	32.72	6.72	34.79
PK	4.88036G	46.78	74.00	-27.22	4.65	3	Horizontal	19	1.50	-	42.13	32.72	6.72	34.79

BT-LE(2Mbps)

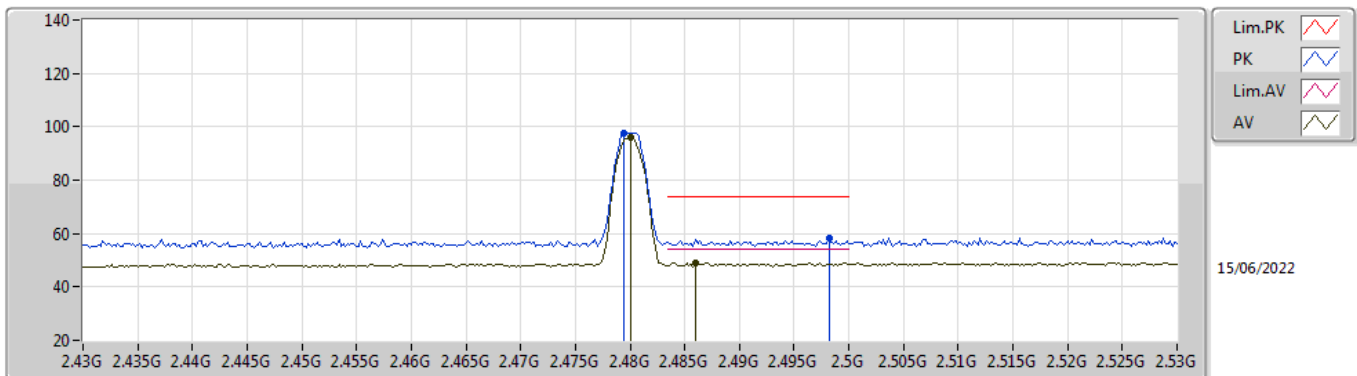
2480MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.48G	94.17	Inf	-Inf	32.39	3	Vertical	56	1.45	-	61.78	27.78	4.61	-
AV	2.4902G	48.94	54.00	-5.06	32.46	3	Vertical	56	1.45	-	16.48	27.84	4.62	-
PK	2.4794G	96.30	Inf	-Inf	32.39	3	Vertical	56	1.45	-	63.91	27.78	4.61	-
PK	2.4944G	57.90	74.00	-16.10	32.49	3	Vertical	56	1.45	-	25.41	27.87	4.62	-

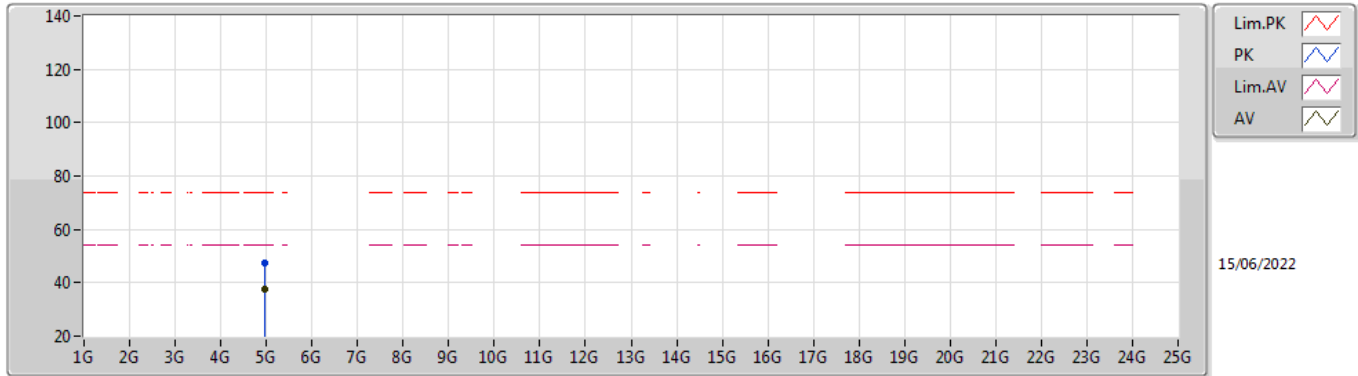
BT-LE(2Mbps)

2480MHz_TX



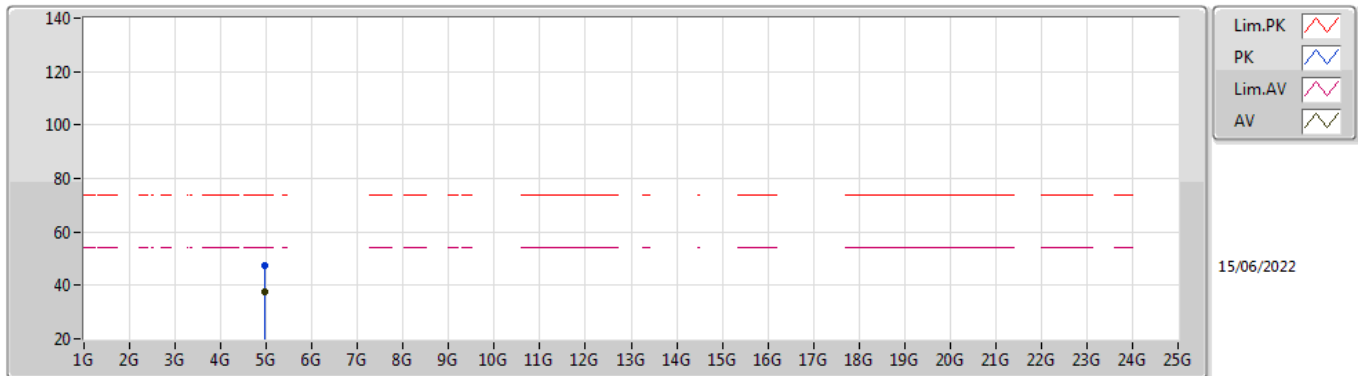
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.48G	95.78	Inf	-Inf	32.39	3	Horizontal	79	1.00	-	63.39	27.78	4.61	-
AV	2.486G	48.93	54.00	-5.07	32.43	3	Horizontal	79	1.00	-	16.50	27.82	4.61	-
PK	2.4794G	97.78	Inf	-Inf	32.39	3	Horizontal	79	1.00	-	65.39	27.78	4.61	-
PK	2.4982G	58.02	74.00	-15.98	32.51	3	Horizontal	79	1.00	-	25.51	27.89	4.62	-

BT-LE(2Mbps)
2480MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.95794G	37.56	54.00	-16.44	5.03	3	Vertical	81	1.50	-	32.53	33.02	6.78	34.77
PK	4.96128G	47.19	74.00	-26.81	5.03	3	Vertical	81	1.50	-	42.16	33.02	6.78	34.77

BT-LE(2Mbps)
2480MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.96072G	37.82	54.00	-16.18	5.03	3	Horizontal	304	1.50	-	32.79	33.02	6.78	34.77
PK	4.95941G	47.51	74.00	-26.49	5.03	3	Horizontal	304	1.50	-	42.48	33.02	6.78	34.77



Summary

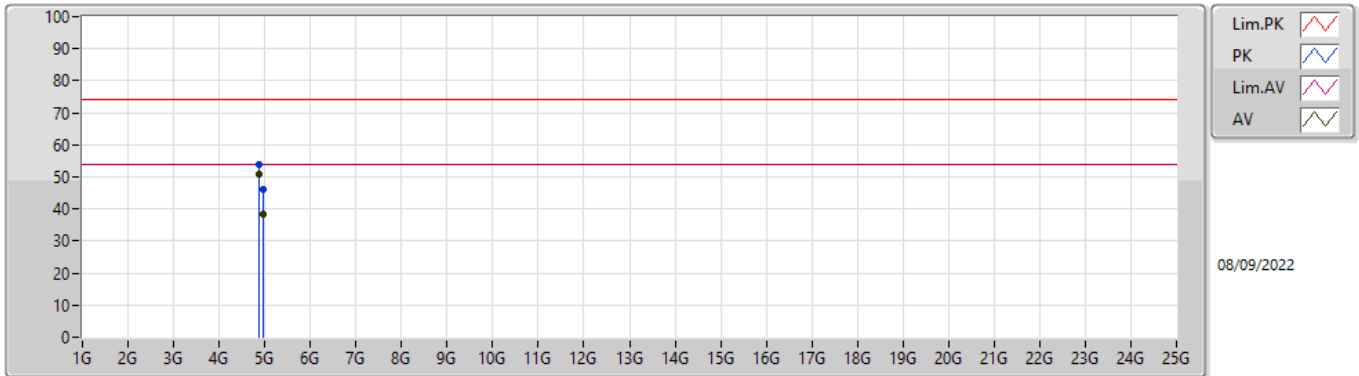
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	4.87396G	51.05	54.00	-2.95	Vertical
Mode 2	Pass	AV	11.6456G	43.03	54.00	-10.97	Horizontal



Result

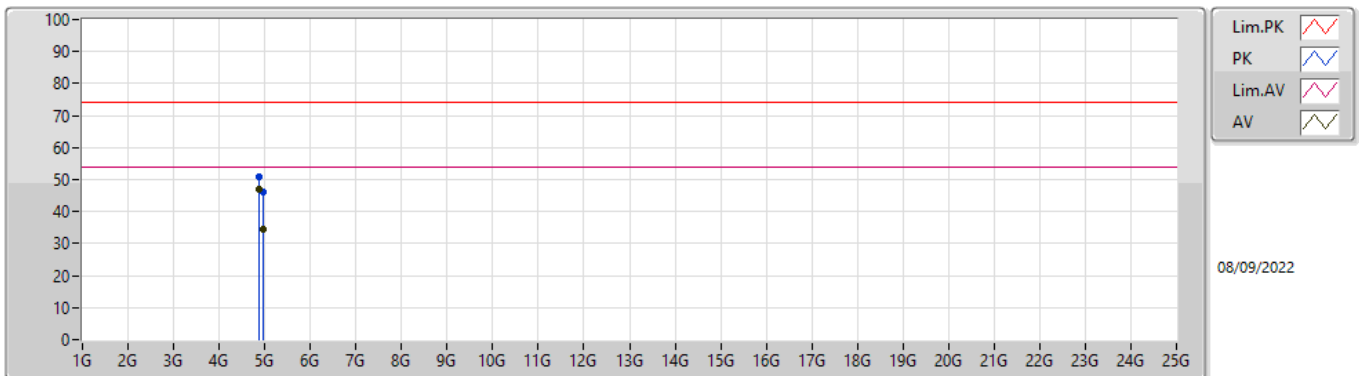
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1	Pass	AV	4.87396G	51.05	54.00	-2.95	3	Vertical	177	1.67	-
Mode 1	Pass	AV	4.95396G	38.39	54.00	-15.61	3	Vertical	112	1.25	-
Mode 1	Pass	PK	4.87404G	53.90	74.00	-20.10	3	Vertical	177	1.67	-
Mode 1	Pass	PK	4.9516G	45.95	74.00	-28.05	3	Vertical	112	1.25	-
Mode 1	Pass	AV	4.874G	47.16	54.00	-6.84	3	Horizontal	158	1.47	-
Mode 1	Pass	AV	4.95968G	34.67	54.00	-19.33	3	Horizontal	200	1.14	-
Mode 1	Pass	PK	4.87384G	50.94	74.00	-23.06	3	Horizontal	158	1.47	-
Mode 1	Pass	PK	4.95756G	46.23	74.00	-27.77	3	Horizontal	200	1.14	-
Mode 2	Pass	AV	4.96184G	39.44	54.00	-14.56	3	Vertical	110	1.00	-
Mode 2	Pass	AV	11.65408G	42.94	54.00	-11.06	3	Vertical	138	1.50	-
Mode 2	Pass	PK	4.95004G	46.70	74.00	-27.30	3	Vertical	110	1.00	-
Mode 2	Pass	PK	11.65986G	55.56	74.00	-18.44	3	Vertical	138	1.50	-
Mode 2	Pass	AV	4.95796G	35.56	54.00	-18.44	3	Horizontal	189	1.29	-
Mode 2	Pass	AV	11.6456G	43.03	54.00	-10.97	3	Horizontal	164	1.08	-
Mode 2	Pass	PK	4.96544G	45.70	74.00	-28.30	3	Horizontal	189	1.29	-
Mode 2	Pass	PK	11.64588G	54.69	74.00	-19.31	3	Horizontal	164	1.08	-

Radiated Emissions above 1GHz_Mode 1



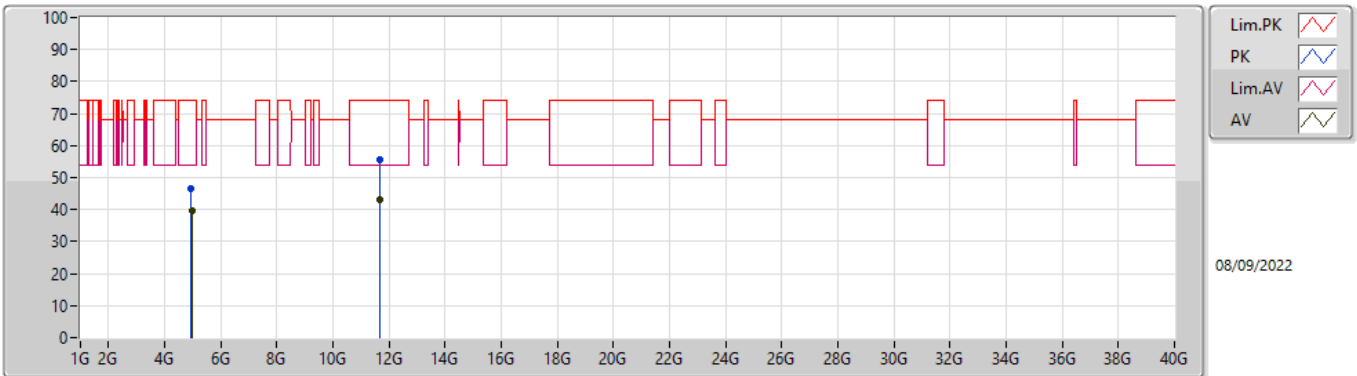
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.87396G	51.05	54.00	-2.95	5.36	3	Vertical	177	1.67	-	45.69	32.75	6.90	34.29
AV	4.95396G	38.39	54.00	-15.61	5.75	3	Vertical	112	1.25	-	32.64	33.12	6.91	34.28
PK	4.87404G	53.90	74.00	-20.10	5.36	3	Vertical	177	1.67	-	48.54	32.75	6.90	34.29
PK	4.9516G	45.95	74.00	-28.05	5.74	3	Vertical	112	1.25	-	40.21	33.11	6.91	34.28

Radiated Emissions above 1GHz_Mode 1



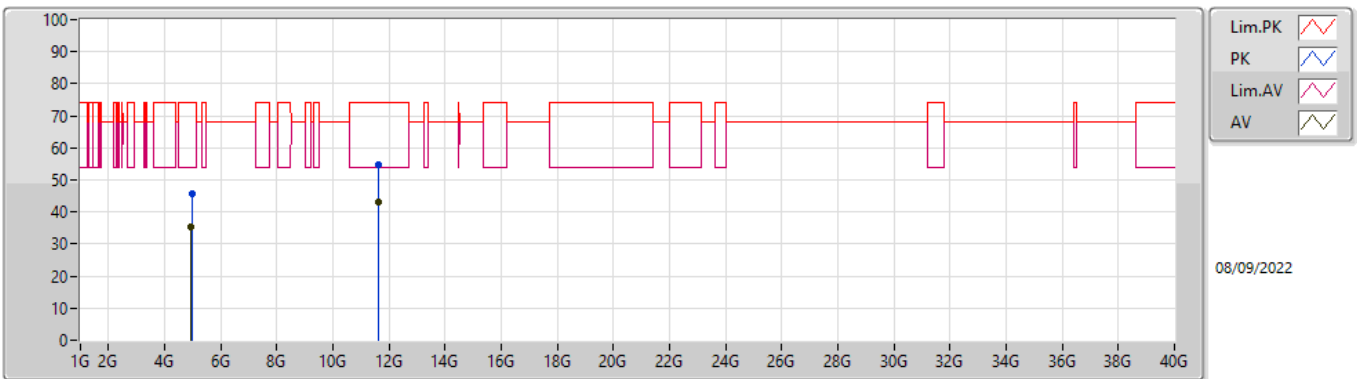
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.874G	47.16	54.00	-6.84	5.36	3	Horizontal	158	1.47	-	41.80	32.75	6.90	34.29
AV	4.95968G	34.67	54.00	-19.33	5.78	3	Horizontal	200	1.14	-	28.89	33.14	6.91	34.27
PK	4.87384G	50.94	74.00	-23.06	5.36	3	Horizontal	158	1.47	-	45.58	32.75	6.90	34.29
PK	4.95756G	46.23	74.00	-27.77	5.76	3	Horizontal	200	1.14	-	40.47	33.13	6.91	34.28

Radiated Emissions above 1GHz_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/m)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.96184G	39.44	54.00	-14.56	5.79	3	Vertical	110	1.00	-	33.65	33.15	6.91	34.27
AV	11.65408G	42.94	54.00	-11.06	15.17	3	Vertical	138	1.50	-	27.77	38.85	10.87	34.55
PK	4.95004G	46.70	74.00	-27.30	5.73	3	Vertical	110	1.00	-	40.97	33.10	6.91	34.28
PK	11.65986G	55.56	74.00	-18.44	15.16	3	Vertical	138	1.50	-	40.40	38.84	10.87	34.55

Radiated Emissions above 1GHz_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/m)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.95796G	35.56	54.00	-18.44	5.76	3	Horizontal	189	1.29	-	29.80	33.13	6.91	34.28
AV	11.6456G	43.03	54.00	-10.97	15.17	3	Horizontal	164	1.08	-	27.86	38.85	10.86	34.54
PK	4.96544G	45.70	74.00	-28.30	5.80	3	Horizontal	189	1.29	-	39.90	33.16	6.91	34.27
PK	11.64588G	54.69	74.00	-19.31	15.17	3	Horizontal	164	1.08	-	39.52	38.85	10.86	34.54