

FCC Radio Test Report

FCC ID : 2APLE18300423
Equipment : Safe Button
Brand Name : Arlo
Model Name : ASB1001
Applicant : Arlo Technologies Inc
2200 Faraday Avenue, Suite 150, Carlsbad, CA 92008, USA
Manufacturer : Arlo Technologies Inc
2200 Faraday Avenue, Suite 150, Carlsbad, CA 92008, USA
Standard : 47 CFR FCC Part 15.247

The product was received on Jul. 06, 2022, and testing was started from Jul. 11, 2022 and completed on Aug. 09, 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.)



Table of Contents

HISTORY OF THIS TEST REPORT	3
SUMMARY OF TEST RESULT	4
1 GENERAL DESCRIPTION	5
1.1 Information.....	5
1.2 Testing Applied Standards	6
1.3 Testing Location Information	6
1.4 Measurement Uncertainty	6
2 TEST CONFIGURATION OF EUT.....	7
2.1 Test Channel Mode	7
2.2 The Worst Case Measurement Configuration	8
2.3 Accessories	8
2.4 Support Equipment.....	8
2.5 Test Setup Diagram	9
3 TRANSMITTER TEST RESULT	10
3.1 DTS Bandwidth.....	10
3.2 Maximum Conducted Output Power	11
3.3 Power Spectral Density	13
3.4 Emissions in Non-restricted Frequency Bands	14
3.5 Emissions in Restricted Frequency Bands.....	15
4 TEST EQUIPMENT AND CALIBRATION DATA	19
APPENDIX A. TEST RESULTS OF DTS BANDWIDTH	
APPENDIX B. TEST RESULTS OF MAXIMUM CONDUCTED OUTPUT POWER	
APPENDIX C. TEST RESULTS OF POWER SPECTRAL DENSITY	
APPENDIX D. TEST RESULTS OF EMISSIONS IN NON-RESTRICTED FREQUENCY BANDS	
APPENDIX E. TEST RESULTS OF EMISSIONS IN RESTRICTED FREQUENCY BANDS	
APPENDIX F. TEST PHOTOS	
PHOTOGRAPHS OF EUT V01	



History of this test report

[illegible]

Summary of Test Result

Report Clause	Ref.Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
-	15.207	AC Power-line Conducted Emissions	Not Required	Only employ battery power.
3.1	15.247(a)	DTS Bandwidth	PASS	-
3.2	15.247(b)	Maximum Conducted Output Power	PASS	-
3.3	15.247(e)	Power Spectral Density	PASS	-
3.4	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	-
3.5	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: Ryan Hsiao

Report Producer: Jenny Yang

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(125kbps)	1.0	1TX
2.4-2.4835GHz	BT-LE(500kbps)	1.0	1TX
2.4-2.4835GHz	BT-LE(2Mbps)	2.0	1TX

Note:

- Bluetooth LE uses a GFSK (1Mbps/2Mbps/125kbps/500kbps) modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	Speed	0790A2121L-A01	Omni-directional	NA	-1.72

Note 1: The EUT has one antenna.

For BT function:

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

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

1.1.3 EUT Information

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

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
BT-LE(1Mbps)	0.855	0.68	2.139m	1k
BT-LE(125kbps)	0.978	0.1	17.06m	100
BT-LE(500kbps)	0.912	0.4	4.561m	300
BT-LE(2Mbps)	0.603	2.2	1.082m	1k

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

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				
☒	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
RF Conducted	TH06-HY	Luby Hsu	20.1~26.9°C / 50~60%	11/Jul/2022~09/Aug/2022
Radiated	03CH03-HY	Edward Wang	21.5~23.2°C / 50~60%	30/Jul/2022~31/Jul/2022
☐	Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)		
		TEL: 886-3-318-0787	FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
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	PuTTY Release0.62
Mode	Power Setting
BT-LE(1Mbps)	-
2402MHz	8
2440MHz	8
2480MHz	8
BT-LE(2Mbps)	-
2402MHz	8
2440MHz	8
2480MHz	8
BT-LE(125kbps)	-
2402MHz	8
2440MHz	8
2480MHz	8
BT-LE(500kbps)	-
2402MHz	8
2440MHz	8
2480MHz	8

2.2 The Worst Case Measurement Configuration

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	Battery mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT		V	

2.3 Accessories

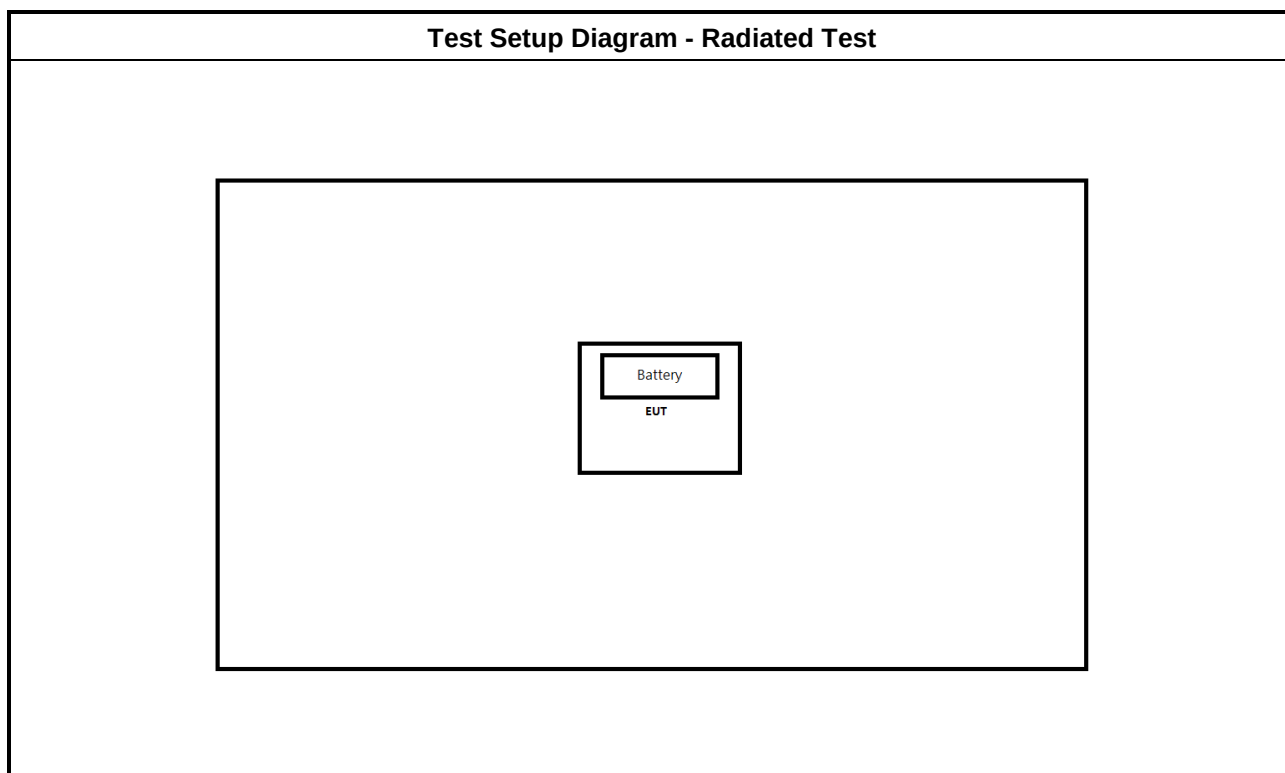
Accessories				
Battery	Brand Name	Tenergy	Model Name	ER14250
	Manufacturer	Tenergy	SN	30300-0
	Power Rating	3.6 Vdc, 1200 mAh	Type	Lithium-thionyl Chloride Battery

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

2.4 Support Equipment

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	HP	HSTNN-142C	-	-
2	Adapter for NB	HP	HSTNN-LA40	-	-
3	DC Power Supply	GW	GPS-3030DD	-	-

2.5 Test Setup Diagram



3 Transmitter Test Result

3.1 DTS Bandwidth

3.1.1 6dB Bandwidth Limit

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

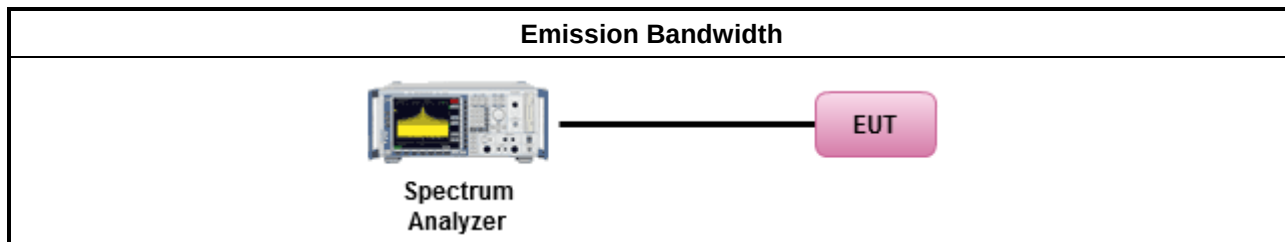
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method	
▪	For the emission bandwidth shall be measured using one of the options below:
☒	Refer as KDB 558074, clause 8.2 (11.8 of ANSI C63.10) DTS bandwidth measurement.
☐	Refer as RSS-Gen, clause 6.7 for occupied bandwidth testing.
☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.

3.1.4 Test Setup



3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Conducted Output Power

3.2.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
	If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)
	Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ dBm
	Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	Smart antenna system (SAS):
	- Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	- Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	- 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:	
	2400-2483.5 MHz Band
	Point-to-multipoint systems (P2M): $P_{eirp} \leq 36$ dBm (4 W)
	Point-to-point systems (P2P): $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX}])$ dBm
	Smart antenna system (SAS)
	- Single beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	- Overlap beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	- Aggregate power on all beams: $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX} + 8])$ dBm
P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

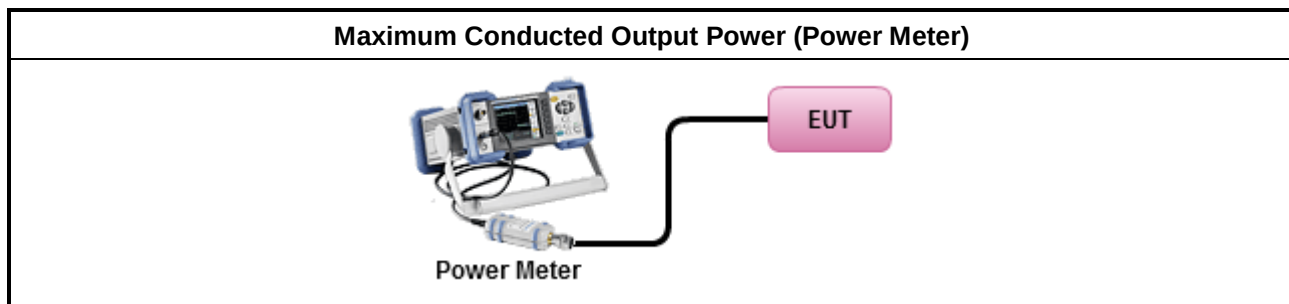
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
Maximum Peak Conducted Output Power	
☐	Refer as KDB 558074, clause 8.3.1.1 (11.9.1.1 of ANSI C63.10) RBW ≥ EBW method.
☐	Refer as KDB 558074, clause 8.3.1.2 (11.9.1.2 of ANSI C63.10) integrated band power method.
☐	Refer as KDB 558074, clause 8.3.1.3 (11.9.1.3 of ANSI C63.10) peak power meter.
Maximum Average Conducted Output Power	
☐	Refer as KDB 558074, clause 8.3.2.2 (11.9.2.2 of ANSI C63.10) using a spectrum analyzer.
☒	Refer as KDB 558074, clause 8.3.2.3 (11.9.2.3 of ANSI C63.10) using a power meter.
For conducted measurement.	
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.	
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]) $EIRP_{total} = P_{total} + DG$	

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B

3.3 Power Spectral Density

3.3.1 Power Spectral Density Limit

Power Spectral Density Limit
Power Spectral Density (PSD) ≤ 8 dBm/3kHz

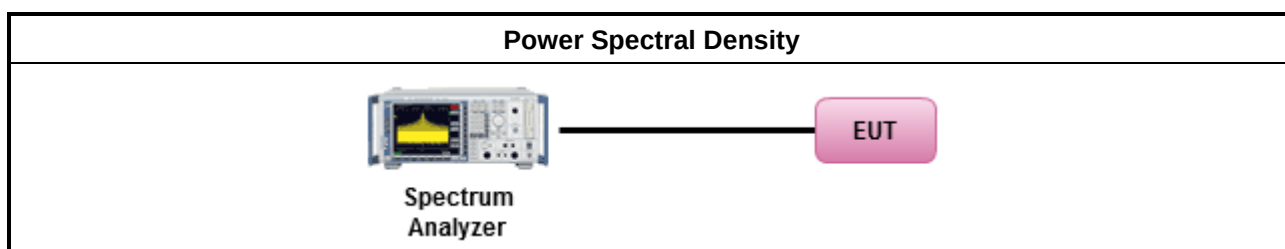
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method
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).
☒ Refer as KDB 558074, clause 8.4 (11.10 of ANSI C63.10) Max. PSD.
For conducted measurement.
If The EUT supports multiple transmit chains using options given below:
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.

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Refer as Appendix C

3.4 Emissions in Non-restricted Frequency Bands

3.4.1 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.	

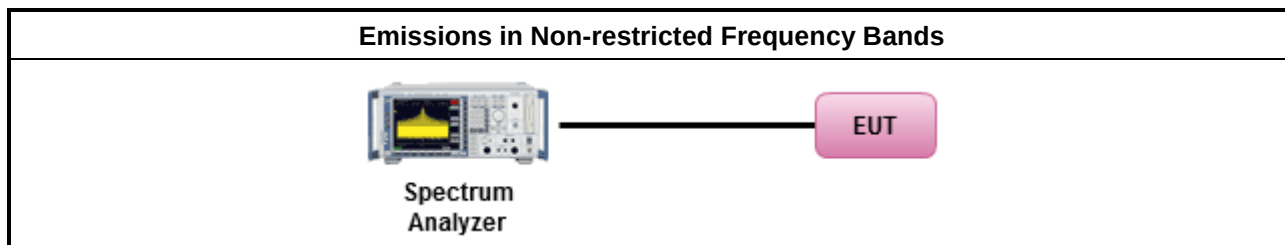
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method
Refer as KDB 558074, clause 8.5 (11.11 of ANSI C63.10) for non-restricted frequency bands.

3.4.4 Test Setup



3.4.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix D

3.5 Emissions in Restricted Frequency Bands

3.5.1 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.

3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

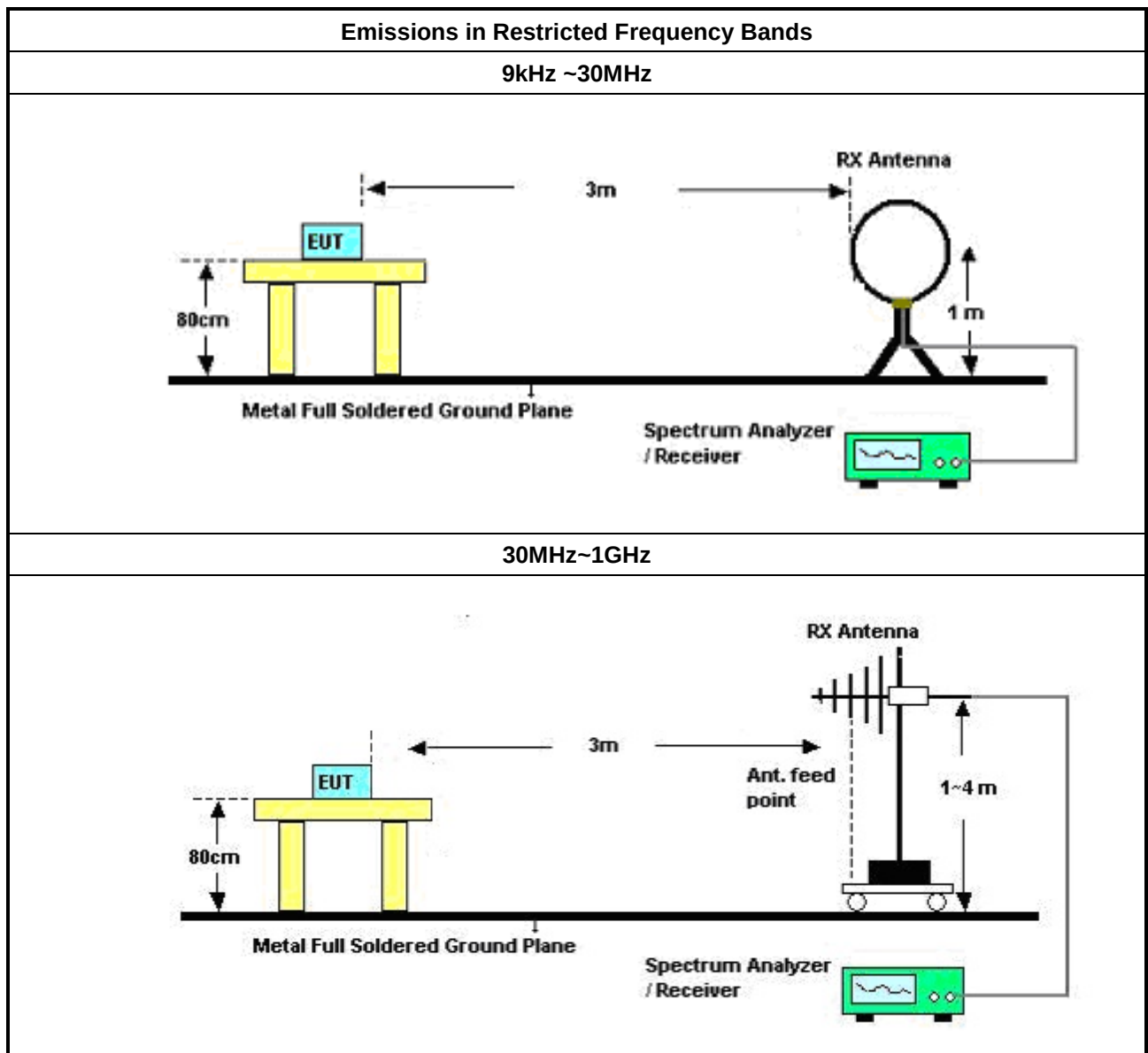
Test Method	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as KDB 558074, clause 8.6 (11.12 of ANSI C63.10) for restricted frequency bands.
For the transmitter band-edge emissions shall be measured using following options below:	
	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.
	Refer as KDB 558074, clause 8.7.2 (6.10.6 of ANSI C63.10) for marker-delta method for band-edge measurements.
	Refer as KDB 558074, clause 8.7.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels.
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	
	Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

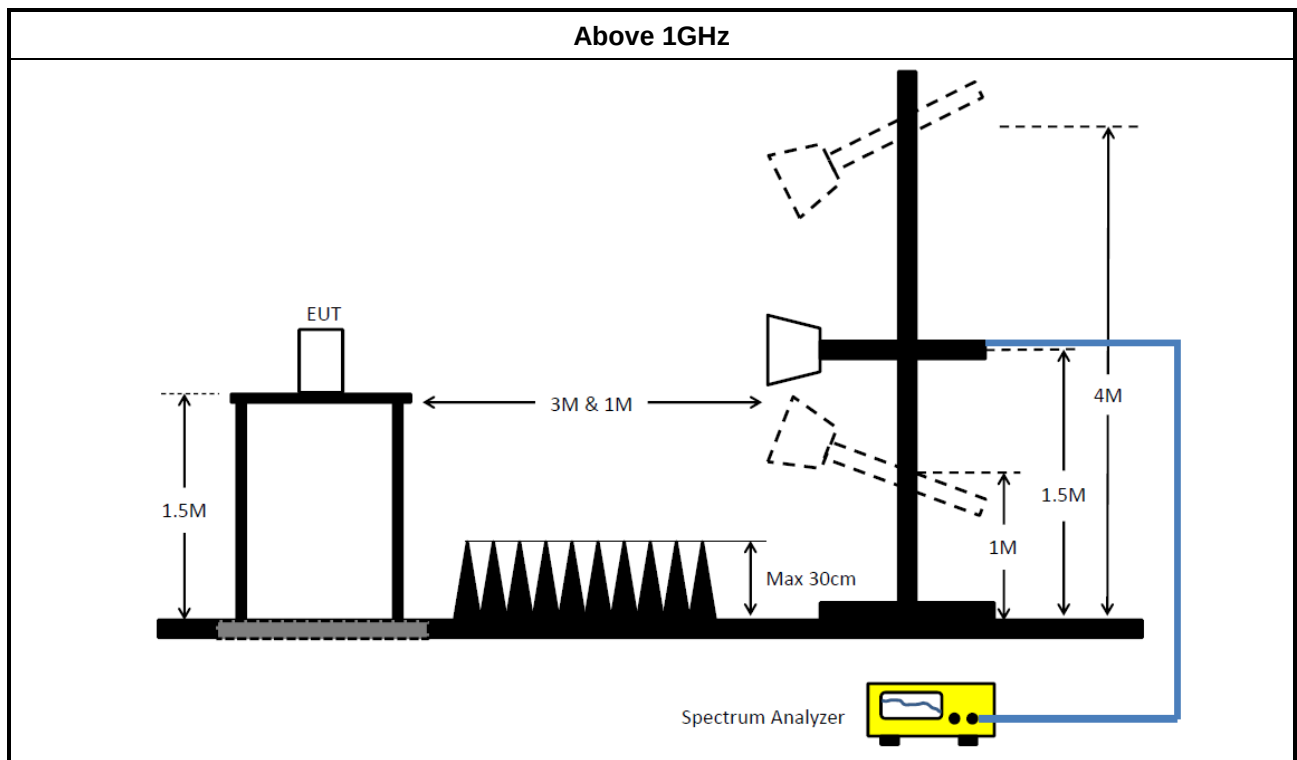
3.5.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.5.5 Test Setup





3.5.6 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.

3.5.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix E

4 Test Equipment and Calibration Data

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	1027452	300MHz~40GHz	25/Mar/2022	24/Mar/2023
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	25/Mar/2022	24/Mar/2023
SENSE-15247_FS	Sporton	V5.10.7.16	N/A	N/A	N/A	N/A

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz 3m	03/Aug/2021	02/Aug/2022
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	03/Aug/2021	02/Aug/2022
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	12/Oct/2021	11/Oct/2022
Amplifier	HP	8447D	2944A08033	10kHz~1.3GHz	08/Apr/2022	07/Apr/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz ~18GHz	14/Sep/2021	13/Sep/2022
Bilog Antenna & 6dB Attenuator	SCHAFFNER / EMC	CBL6112B / N-6-05	22237 / AT-N-0603	30MHz~1GHz	17/Oct/2021	16/Oct/2022
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz~30MHz	13/Jun/2022	12/Jun/2023
RF Cable-R03m	Jye Bao	RG142	MY37335/4+CB021-1+CB021-2	30MHz~1GHz	22/Mar/2022	21/Mar/2023
RF CABLE 5+6m	HUBER+SUHNER	SUOFLEX 104	SN MY38596/4+SN 804300/4	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
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	18/Mar/2022	17/Mar/2023
Microwave Preampplier	Agilent	8449B	3008A02326	1GHz~26.5GHz	14/Jul/2022	13/Jul/2023
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	13/May/2022	12/May/2023
SENSE-15224_FS	Sporton	v5.10.7.14	NA	NA	NA	NA

**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)	646.25k	1.019M	1M02F1D	645k	1.016M
BT-LE(2Mbps)	1.155M	2.026M	2M03F1D	1.15M	2.024M
BT-LE(125kbps)	605k	1.047M	1M05F1D	602.5k	1.046M
BT-LE(500kbps)	661.25k	1.021M	1M02F1D	658.75k	1.013M

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

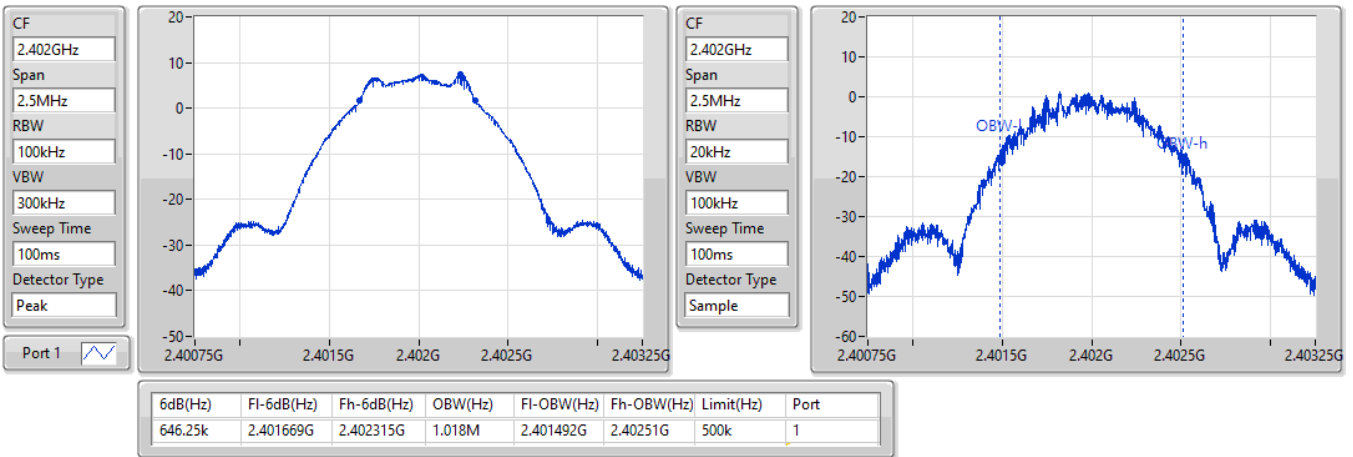
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	500k	646.25k	1.018M
2440MHz	Pass	500k	645k	1.016M
2480MHz	Pass	500k	645k	1.019M
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	500k	1.155M	2.026M
2440MHz	Pass	500k	1.15M	2.024M
2480MHz	Pass	500k	1.155M	2.026M
BT-LE(125kbps)	-	-	-	-
2402MHz	Pass	500k	603.75k	1.046M
2440MHz	Pass	500k	605k	1.047M
2480MHz	Pass	500k	602.5k	1.047M
BT-LE(500kbps)	-	-	-	-
2402MHz	Pass	500k	661.25k	1.016M
2440MHz	Pass	500k	660k	1.013M
2480MHz	Pass	500k	658.75k	1.021M

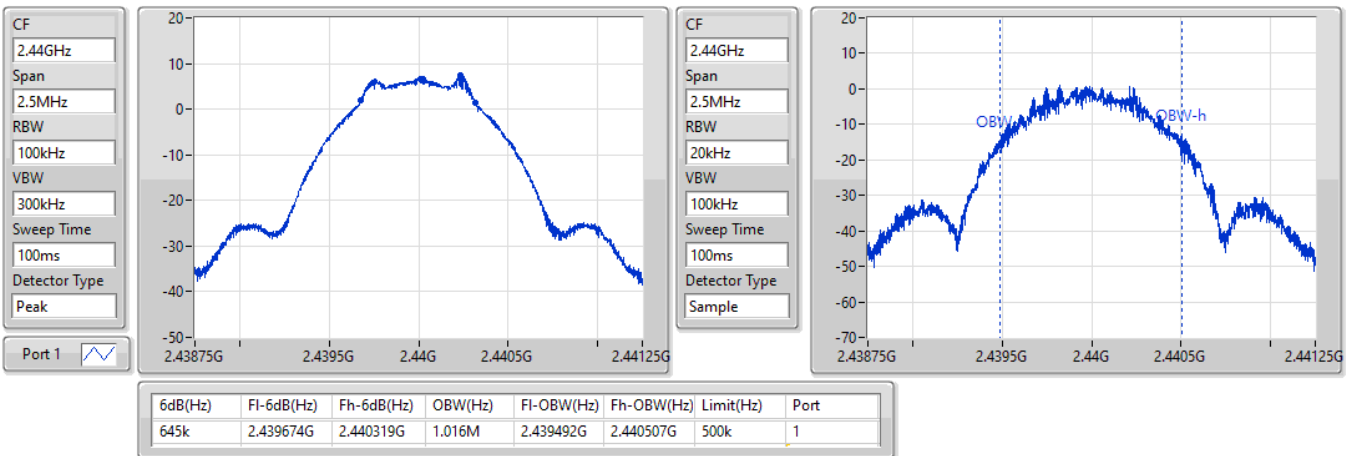
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

BT-LE(1Mbps)
2402MHz
EBW-DTS

11/07/2022

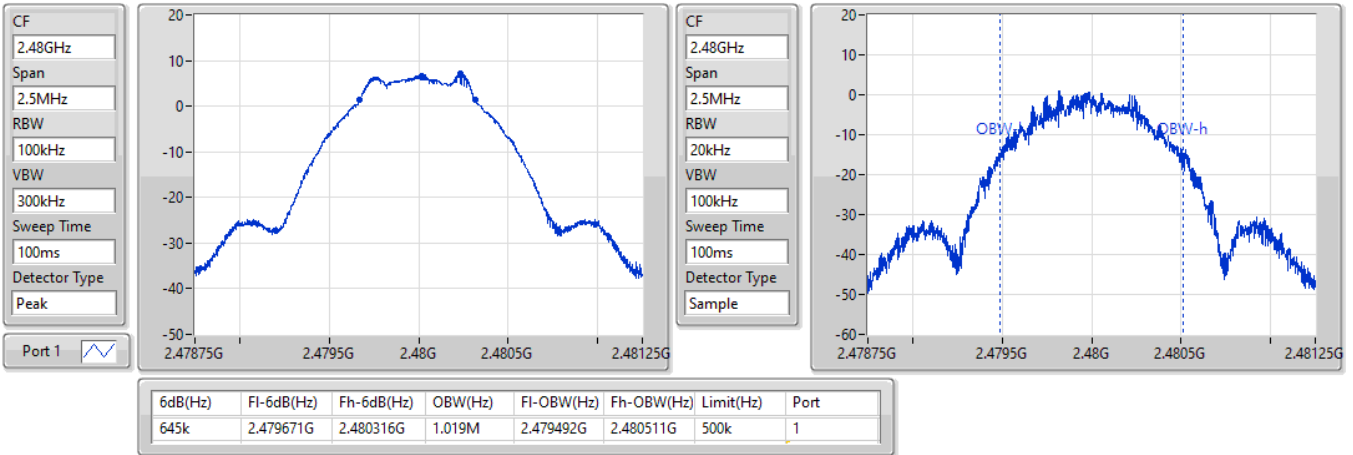

BT-LE(1Mbps)
2440MHz
EBW-DTS

11/07/2022

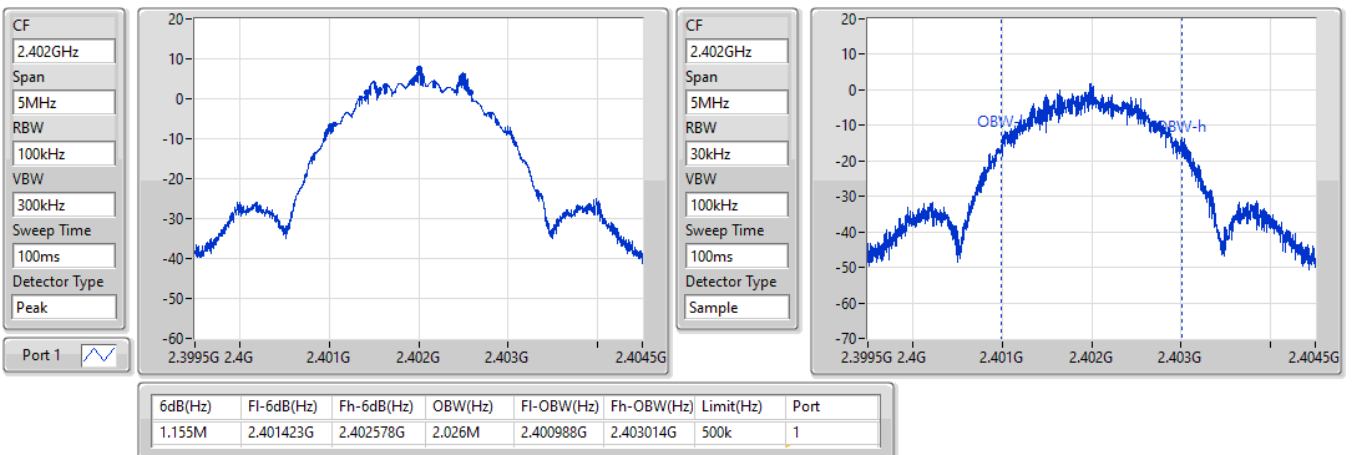


BT-LE(1Mbps)
EBW-DTS
2480MHz

11/07/2022

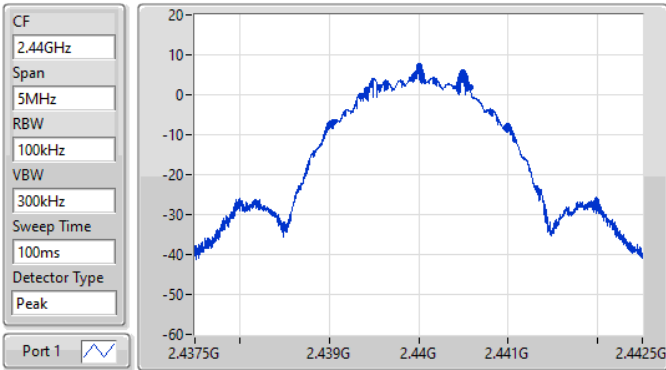

BT-LE(2Mbps)
EBW-DTS
2402MHz

11/07/2022



BT-LE(2Mbps)

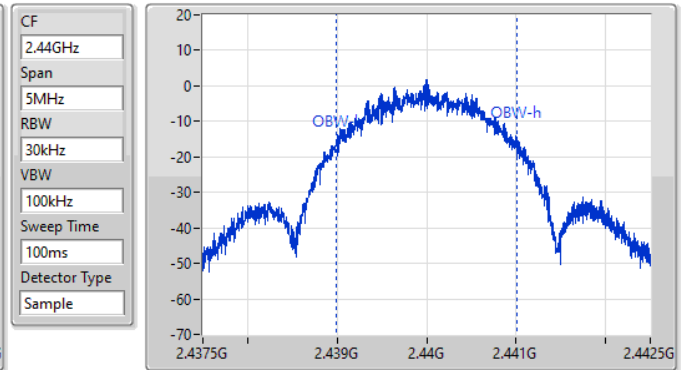
2440MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.15M	2.439423G	2.440573G	2.024M	2.438988G	2.441012G	500k	1

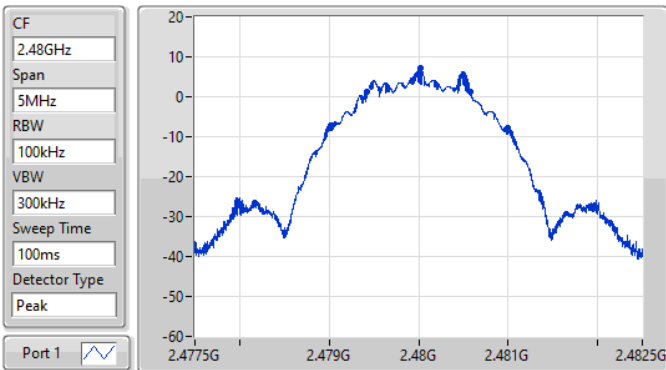
EBW-DTS

11/07/2022



BT-LE(2Mbps)

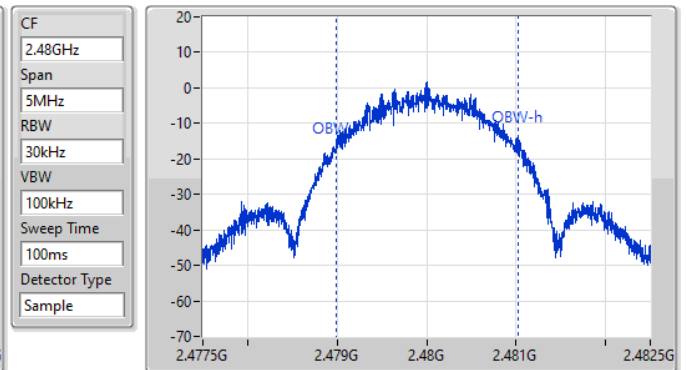
2480MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.155M	2.47942G	2.480575G	2.026M	2.478993G	2.481019G	500k	1

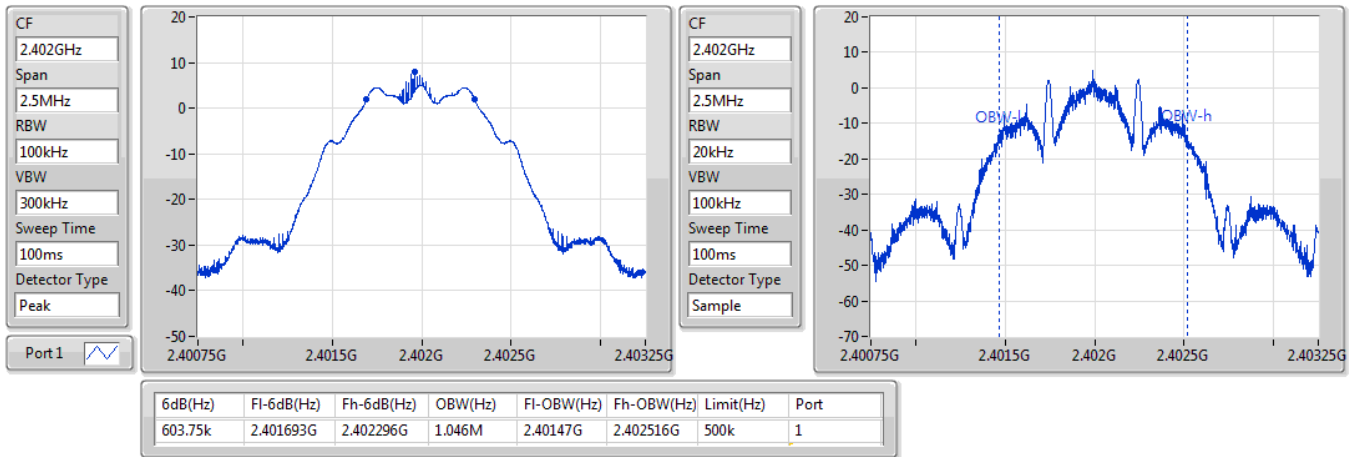
EBW-DTS

11/07/2022

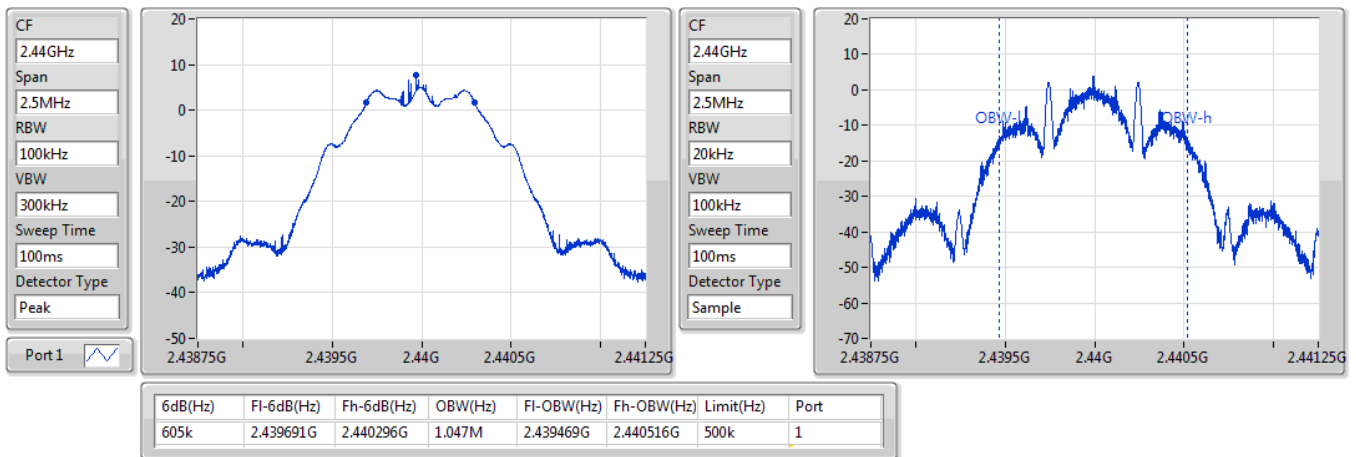


BT-LE(125kbps)
2402MHz
EBW-DTS

01/08/2022

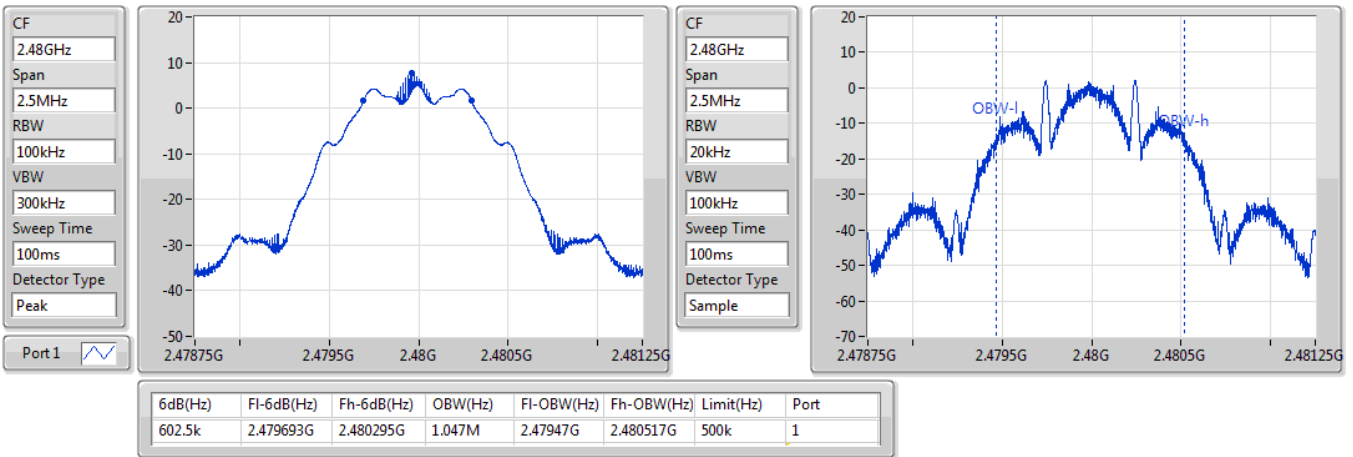

BT-LE(125kbps)
2440MHz
EBW-DTS

09/08/2022

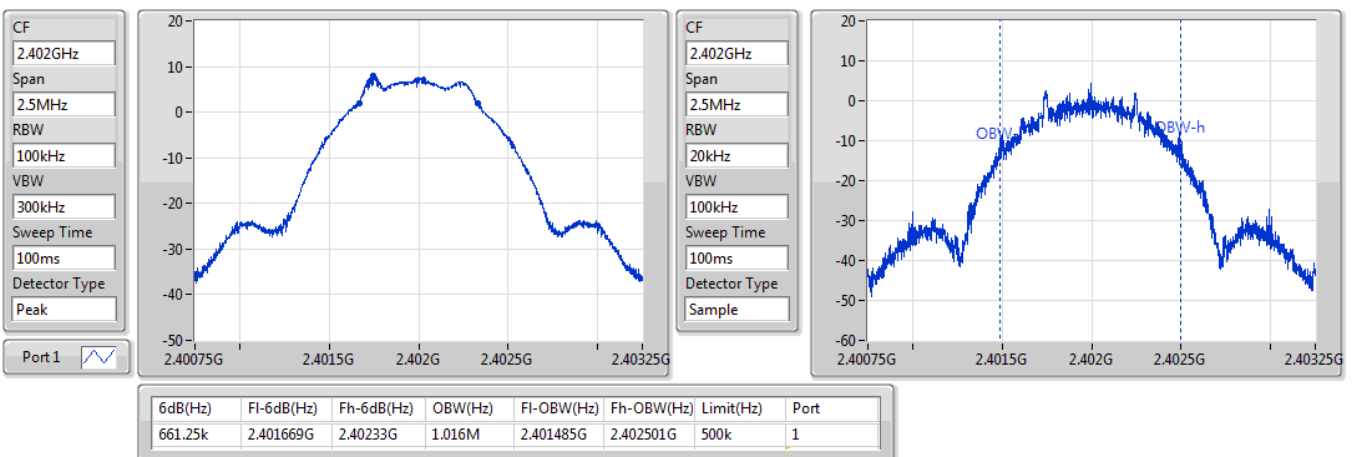


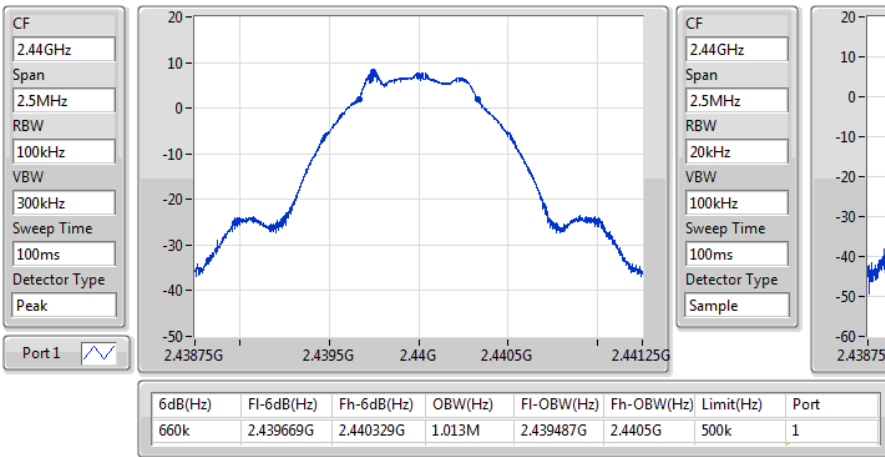
BT-LE(125kbps)
EBW-DTS
2480MHz

09/08/2022

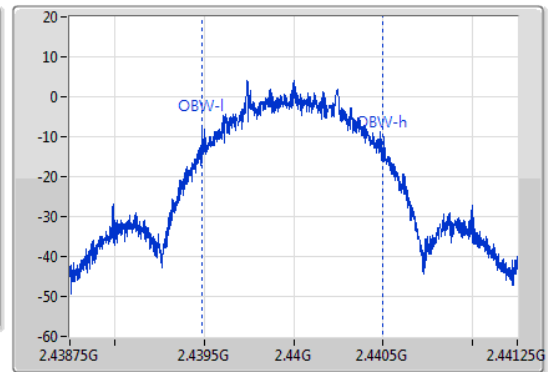
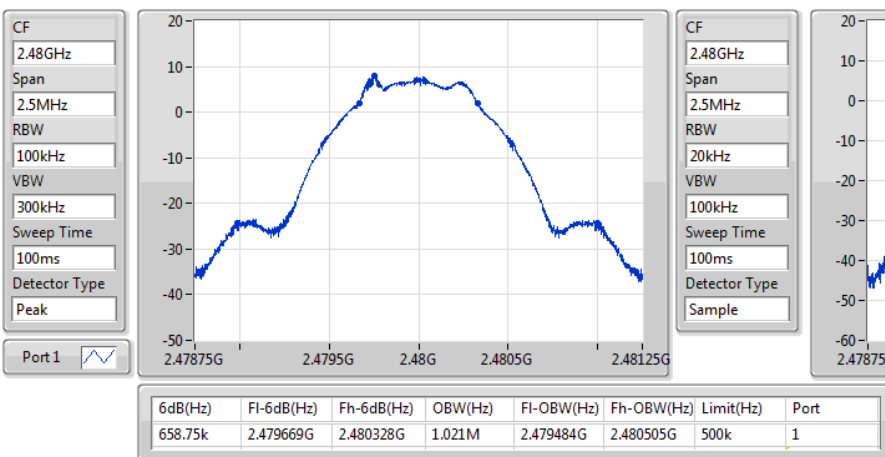

BT-LE(500kbps)
EBW-DTS
2402MHz

09/08/2022

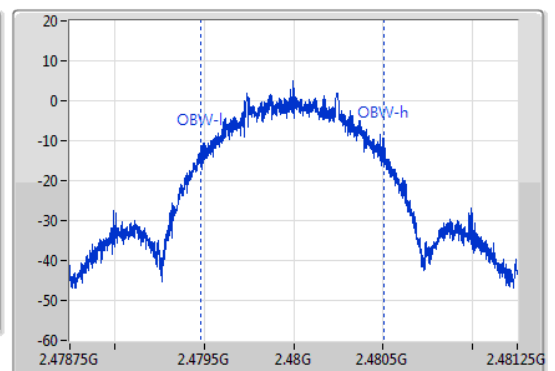


BT-LE(500kbps)
2440MHz

EBW-DTS

09/08/2022


BT-LE(500kbps)
2480MHz

EBW-DTS

09/08/2022





Summary

Mode	Power (dBm)	Power (W)
2.4-2.4835GHz	-	-
BT-LE(1Mbps)	7.95	0.00624
BT-LE(2Mbps)	7.75	0.00596
BT-LE(125kbps)	8.08	0.00643
BT-LE(500kbps)	8.06	0.00640

Result

Mode	Result	Gain (dBi)	Power (dBm)	Power Limit (dBm)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	-1.72	7.95	30.00
2440MHz	Pass	-1.72	7.78	30.00
2480MHz	Pass	-1.72	7.75	30.00
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	-1.72	7.72	30.00
2440MHz	Pass	-1.72	7.71	30.00
2480MHz	Pass	-1.72	7.75	30.00
BT-LE(125kbps)	-	-	-	-
2402MHz	Pass	-1.72	8.08	30.00
2440MHz	Pass	-1.72	7.94	30.00
2480MHz	Pass	-1.72	7.75	30.00
BT-LE(500kbps)	-	-	-	-
2402MHz	Pass	-1.72	8.06	30.00
2440MHz	Pass	-1.72	7.80	30.00
2480MHz	Pass	-1.72	7.53	30.00

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



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
BT-LE(1Mbps)	-8.81
BT-LE(2Mbps)	-11.64
BT-LE(125kbps)	1.84
BT-LE(500kbps)	0.01

RBW = 3kHz;

Result

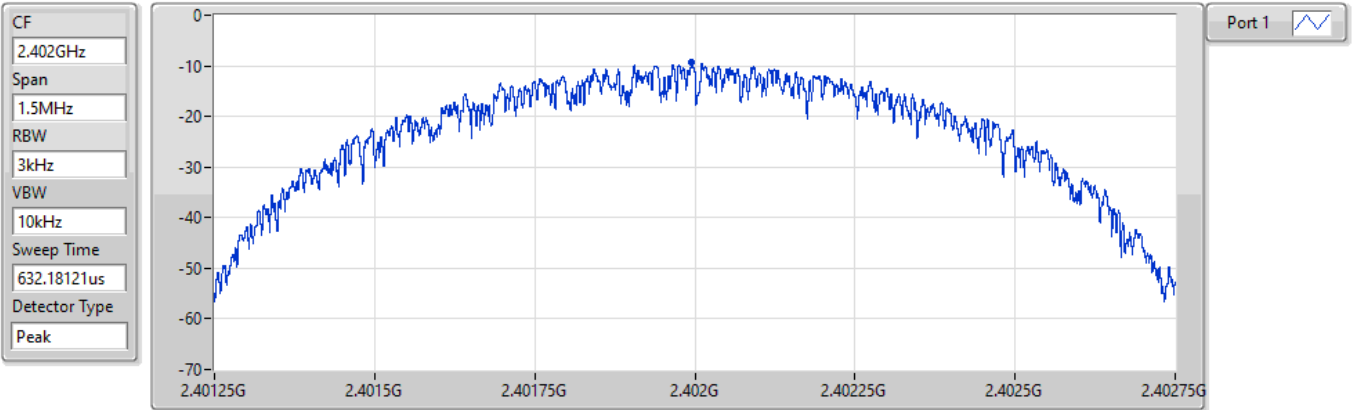
Mode	Result	Gain (dBi)	PD (dBm/RBW)	PD Limit (dBm/RBW)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	-1.72	-9.34	8.00
2440MHz	Pass	-1.72	-8.81	8.00
2480MHz	Pass	-1.72	-9.29	8.00
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	-1.72	-11.64	8.00
2440MHz	Pass	-1.72	-11.85	8.00
2480MHz	Pass	-1.72	-12.29	8.00
BT-LE(125kbps)	-	-	-	-
2402MHz	Pass	-1.72	1.81	8.00
2440MHz	Pass	-1.72	1.84	8.00
2480MHz	Pass	-1.72	1.76	8.00
BT-LE(500kbps)	-	-	-	-
2402MHz	Pass	-1.72	-6.30	8.00
2440MHz	Pass	-1.72	0.01	8.00
2480MHz	Pass	-1.72	-6.26	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)

2402MHz

11/07/2022

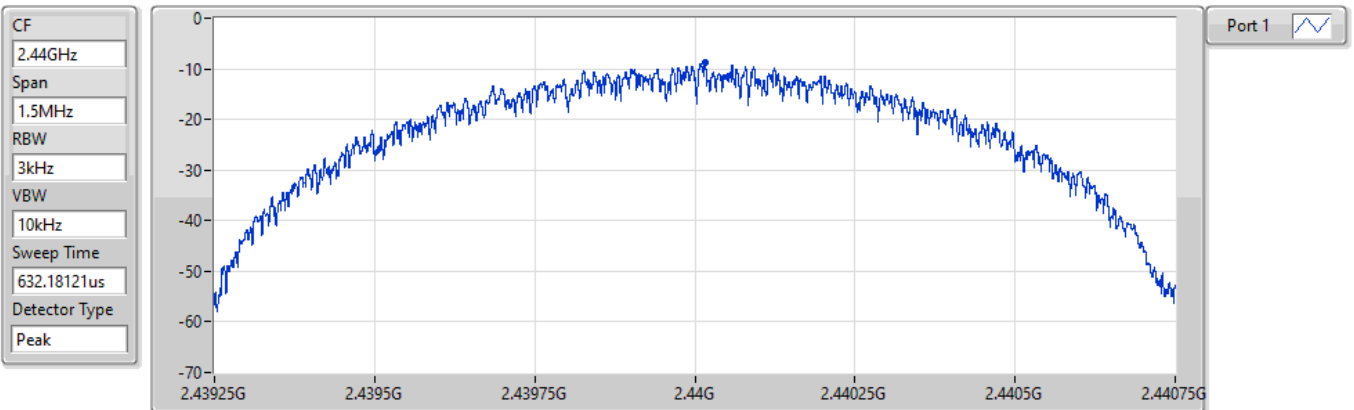


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.34	-9.34	-9.34

BT-LE(1Mbps)

2440MHz

11/07/2022



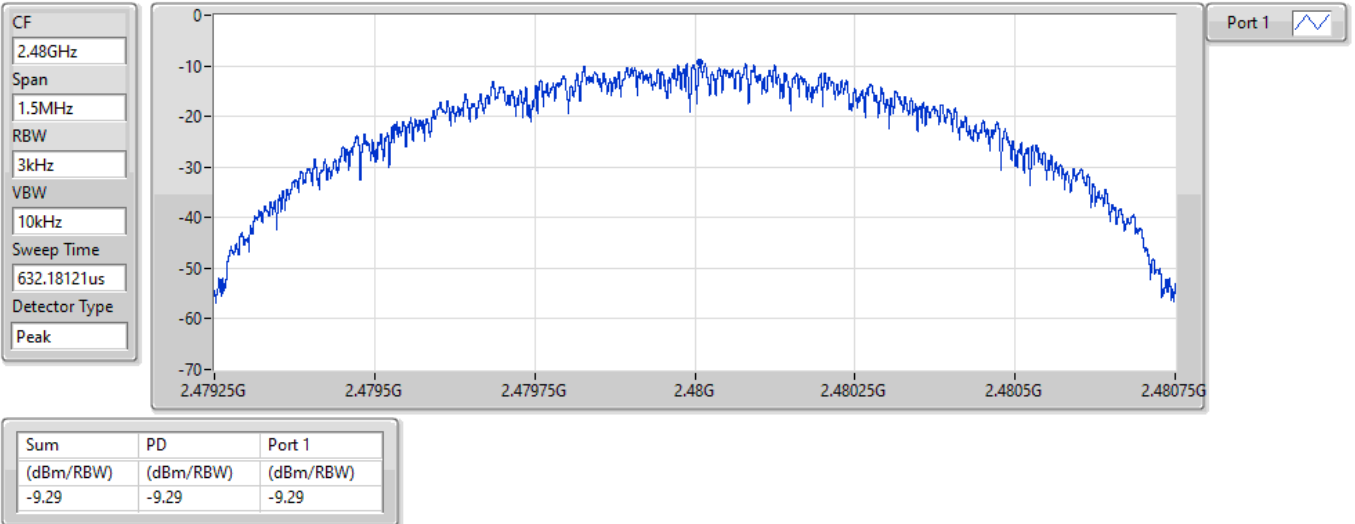
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.81	-8.81	-8.81

BT-LE(1Mbps)

2480MHz

PSD

11/07/2022

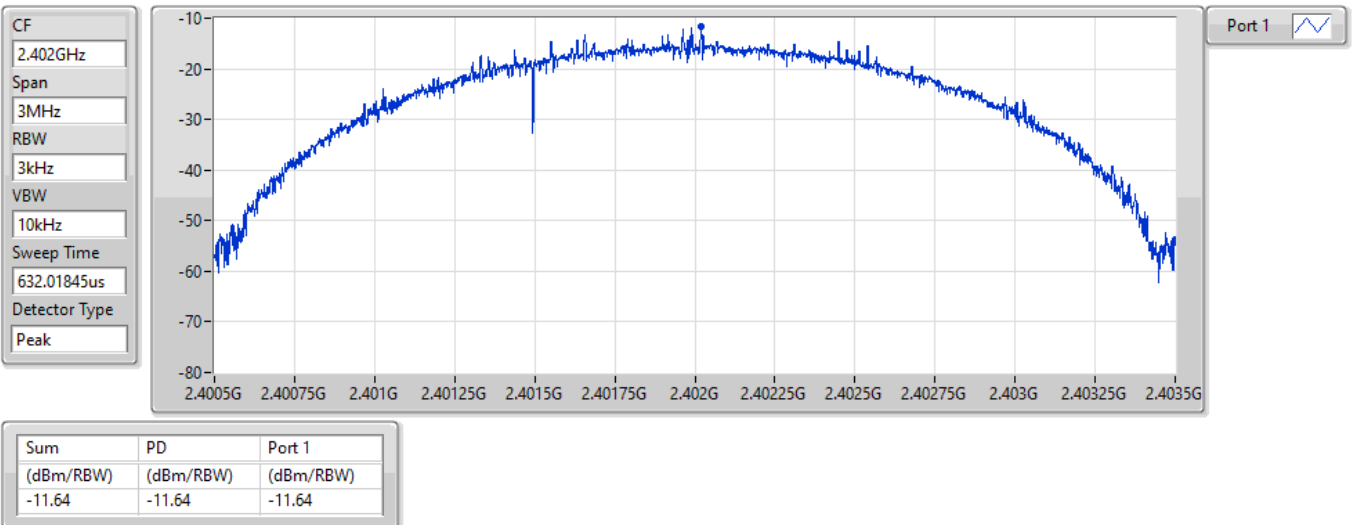


BT-LE(2Mbps)

2402MHz

PSD

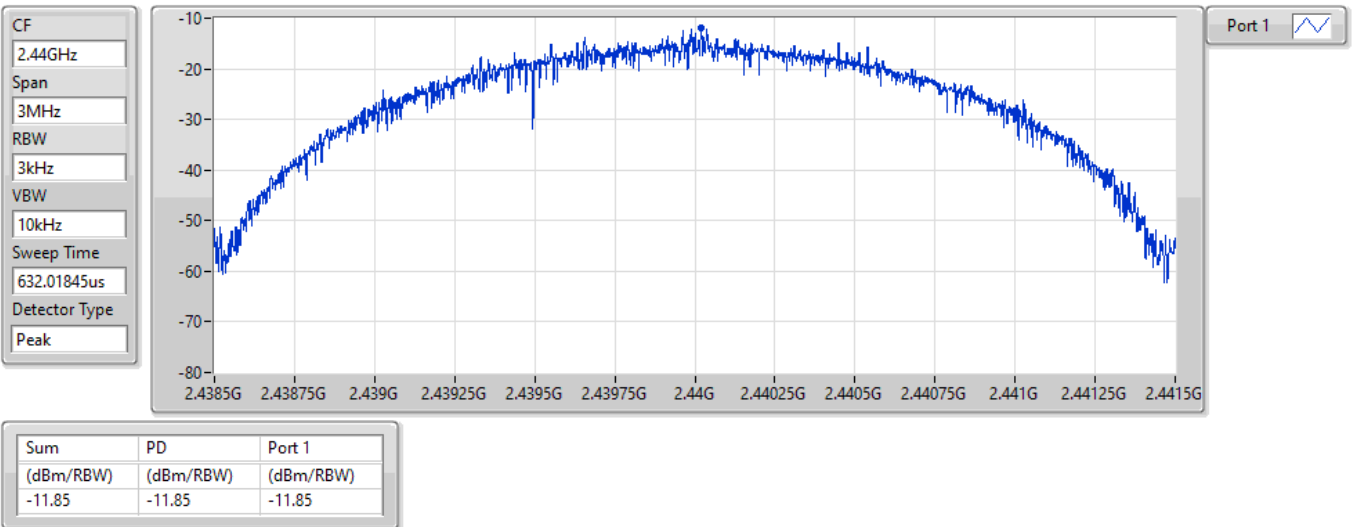
11/07/2022



BT-LE(2Mbps)

2440MHz

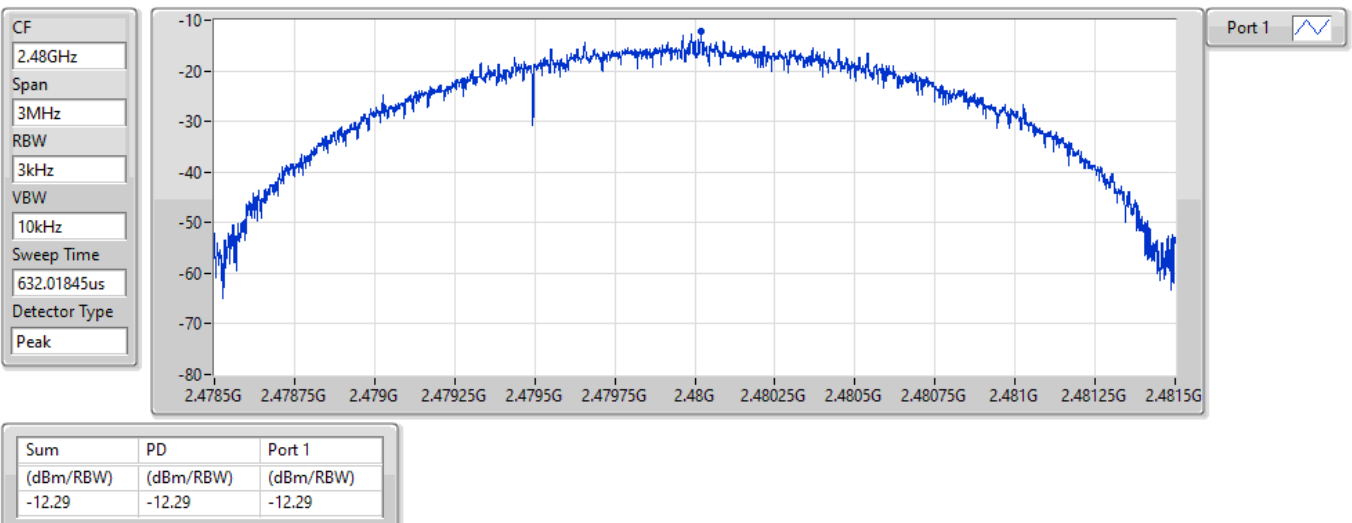
11/07/2022



BT-LE(2Mbps)

2480MHz

11/07/2022

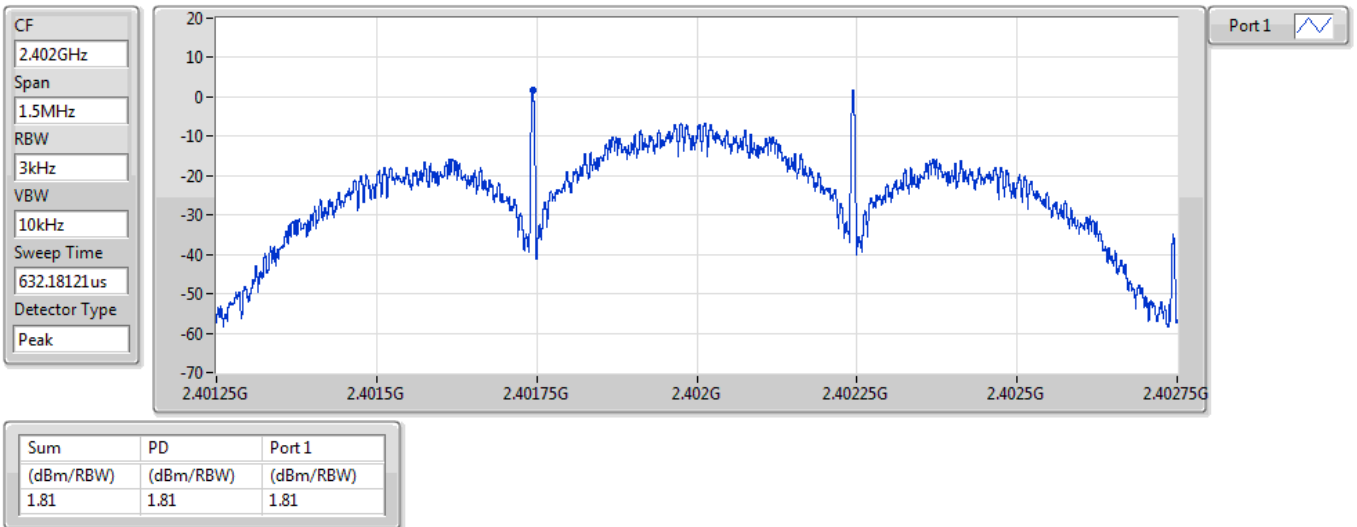


BT-LE(125kbps)

PSD

2402MHz

09/08/2022

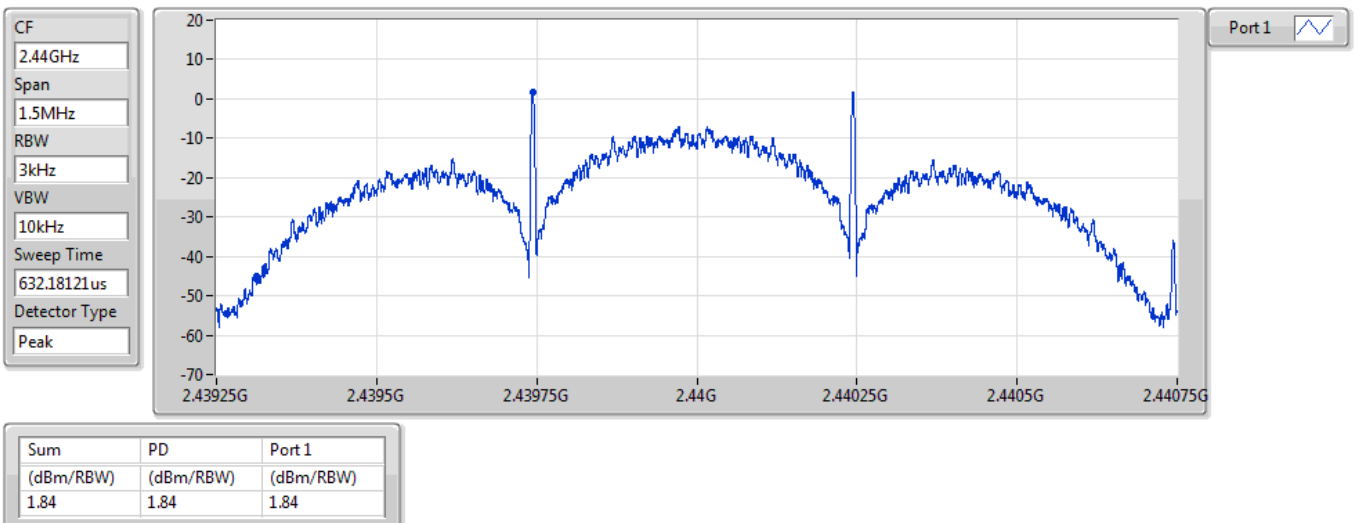


BT-LE(125kbps)

PSD

2440MHz

09/08/2022

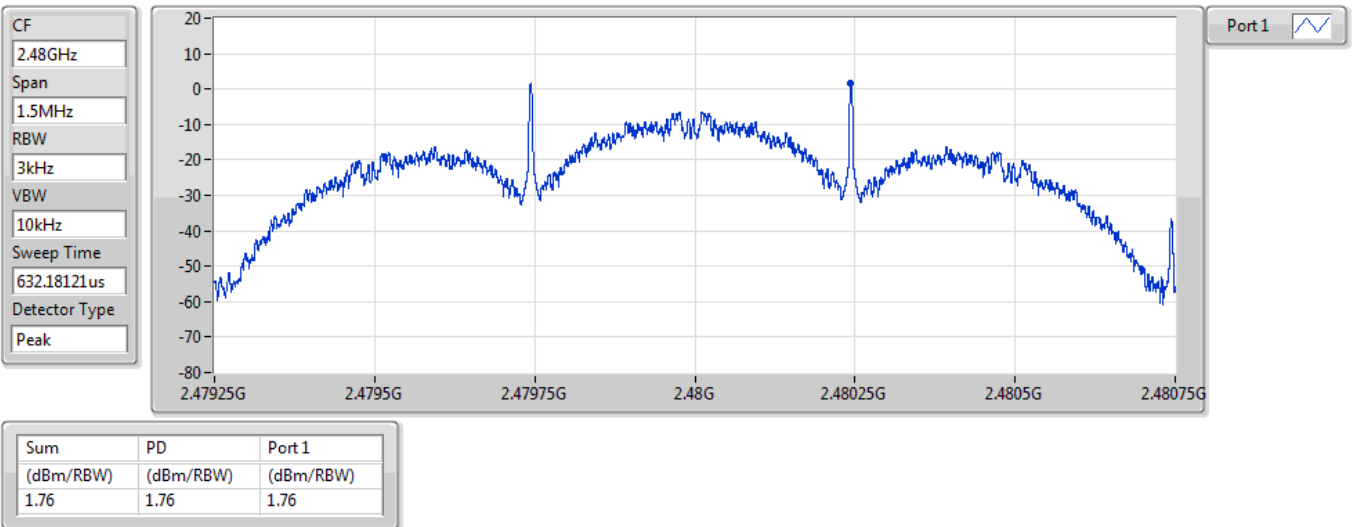


BT-LE(125kbps)

PSD

2480MHz

09/08/2022

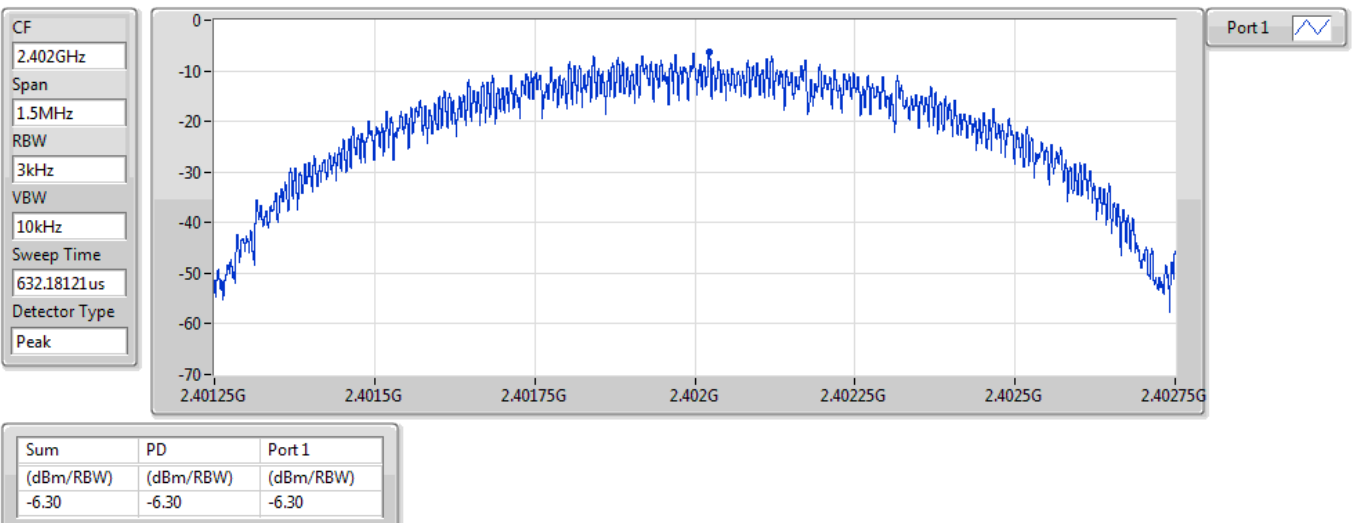


BT-LE(500kbps)

PSD

2402MHz

09/08/2022

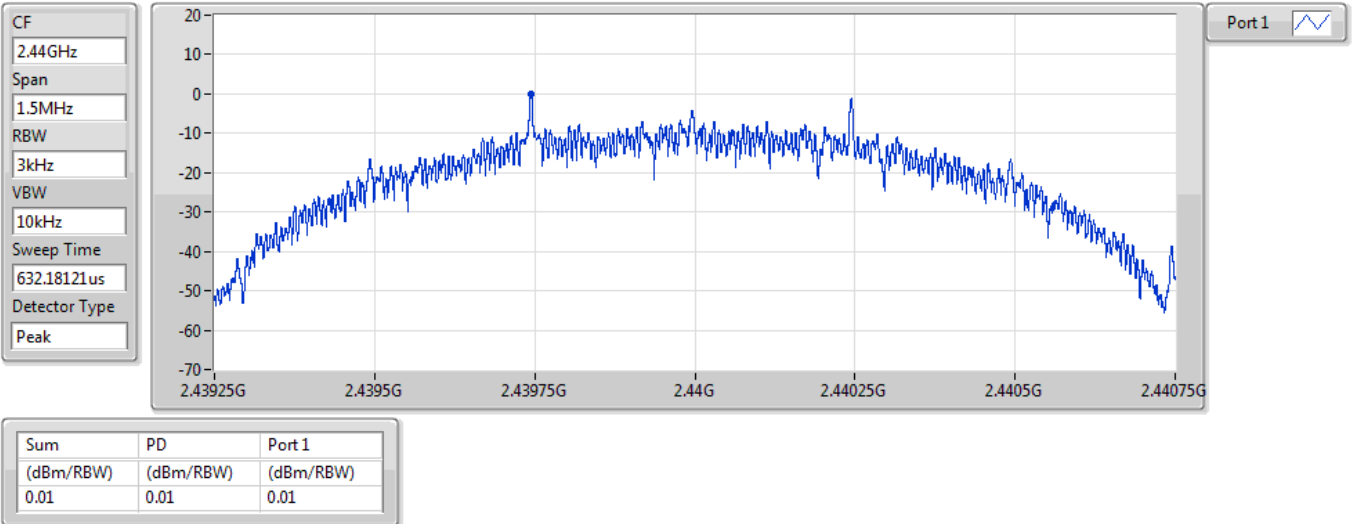


BT-LE(500kbps)

PSD

2440MHz

09/08/2022

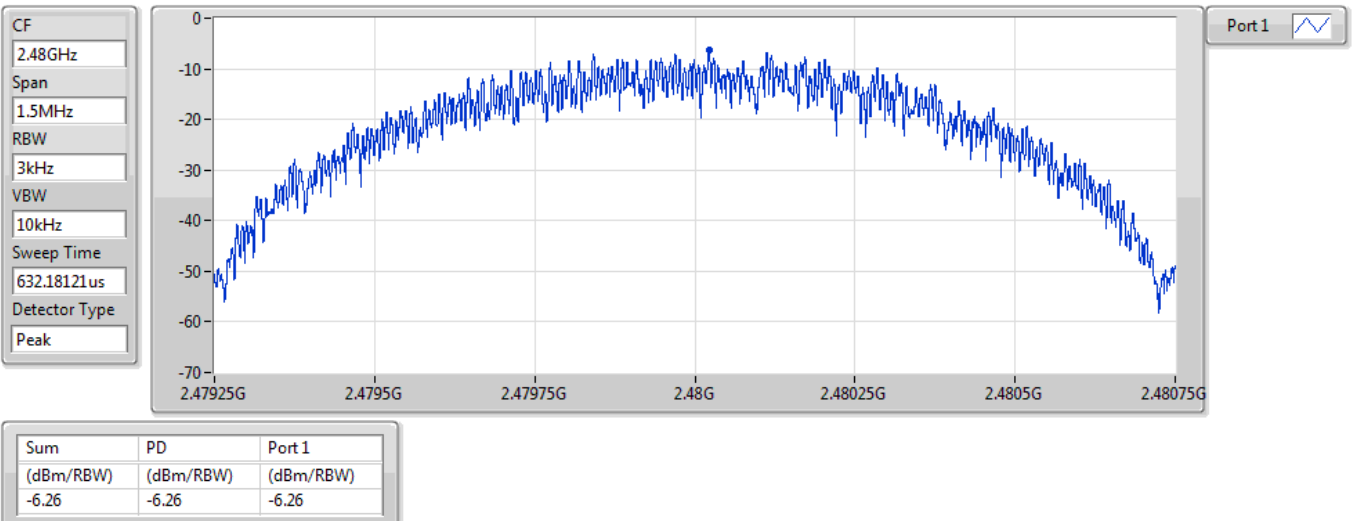


BT-LE(500kbps)

PSD

2480MHz

09/08/2022



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	2.40217G	7.59	-22.41	1.97698G	-55.10	2.4G	-43.75	2.4G	-43.83	2.50342G	-53.44	7.20527G	-26.21	1
BT-LE(2Mbps)	Pass	2.48016G	7.00	-23.00	1.94995G	-53.83	2.4G	-26.17	2.4G	-26.82	2.50306G	-53.08	7.20808G	-29.07	1
BT-LE(125kbps)	Pass	2.40184G	5.03	-24.97	1.96288G	-52.94	2.3998G	-44.53	2.4G	-44.07	2.50054G	-52.15	7.20527G	-27.69	1
BT-LE(500kbps)	Pass	2.40167G	7.59	-22.41	933.58M	-53.43	2.39984G	-44.11	2.4G	-43.09	2.50314G	-51.85	7.20527G	-27.88	1

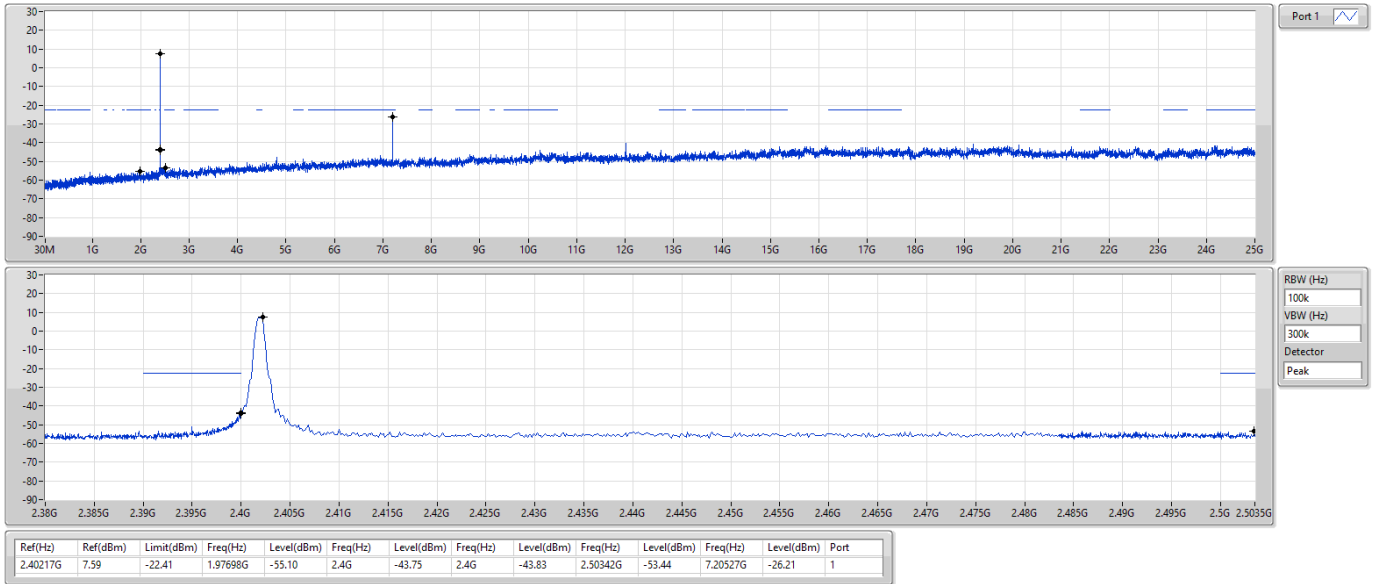
Result

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	2.40217G	7.59	-22.41	1.97698G	-55.10	2.4G	-43.75	2.4G	-43.83	2.50342G	-53.44	7.20527G	-26.21	1
2440MHz	Pass	2.40217G	7.59	-22.41	2.10858G	-54.91	2.3964G	-54.46	2.4G	-54.46	2.5035G	-54.11	24.94938G	-41.58	1
2480MHz	Pass	2.40217G	7.59	-22.41	1.97815G	-54.60	2.39852G	-54.21	2.4G	-56.80	2.5001G	-53.68	24.53601G	-41.81	1
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.48016G	7.00	-23.00	1.94995G	-53.83	2.4G	-26.17	2.4G	-26.82	2.50306G	-53.08	7.20808G	-29.07	1
2440MHz	Pass	2.48016G	7.00	-23.00	2.16968G	-55.73	2.3916G	-54.64	2.4G	-53.67	2.50274G	-54.06	15.19434G	-41.61	1
2480MHz	Pass	2.48016G	7.00	-23.00	1.75843G	-55.74	2.39268G	-53.95	2.4G	-56.89	2.50302G	-54.03	24.75254G	-41.41	1
BT-LE(125kbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.40184G	5.03	-24.97	1.96288G	-52.94	2.3998G	-44.53	2.4G	-44.07	2.50054G	-52.15	7.20527G	-27.69	1
2440MHz	Pass	2.40184G	5.03	-24.97	2.08625G	-53.76	2.3984G	-52.63	2.4G	-54.68	2.50178G	-51.43	15.18028G	-41.02	1
2480MHz	Pass	2.40184G	5.03	-24.97	1.9852G	-52.90	2.39984G	-52.48	2.4G	-54.88	2.5035G	-52.23	16.95469G	-41.41	1
BT-LE(500kbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.40167G	7.59	-22.41	933.58M	-53.43	2.39984G	-44.11	2.4G	-43.09	2.50314G	-51.85	7.20527G	-27.88	1
2440MHz	Pass	2.40167G	7.59	-22.41	2.14618G	-53.75	2.39036G	-52.91	2.4G	-54.73	2.50342G	-52.36	17.69426G	-41.55	1
2480MHz	Pass	2.40167G	7.59	-22.41	2.15205G	-53.98	2.39308G	-52.16	2.4G	-55.01	2.50242G	-51.81	23.28745G	-40.84	1

BT-LE(1Mbps)

CSEndB-DTS

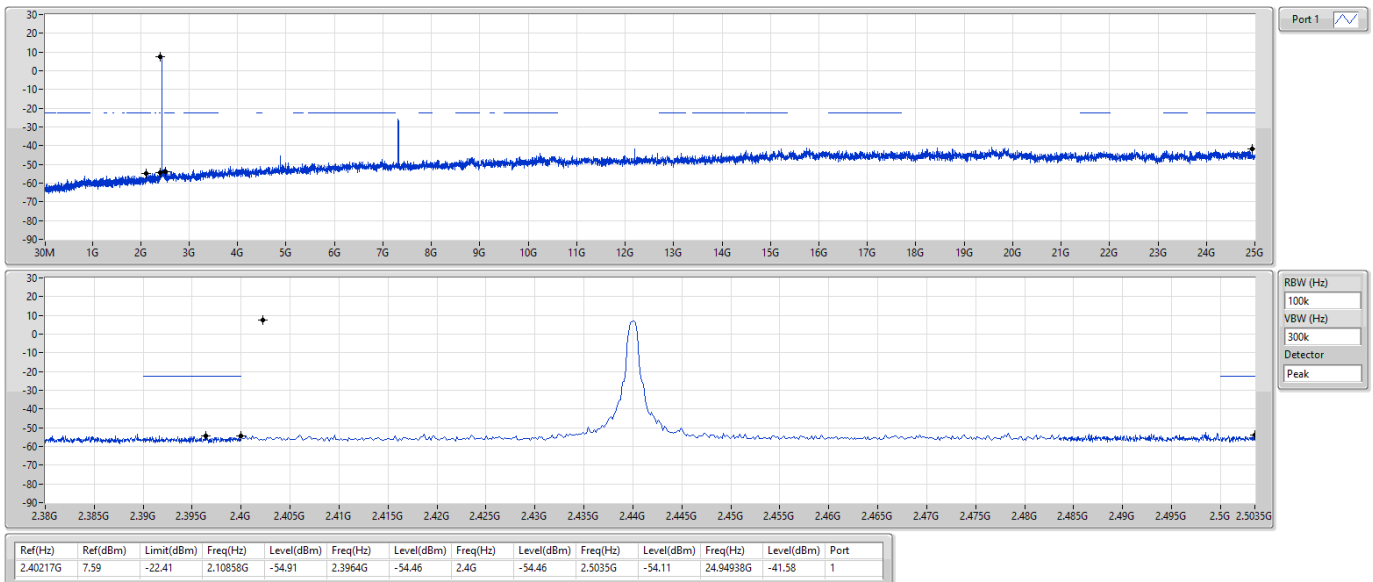
2402MHz



BT-LE(1Mbps)

CSEndB-DTS

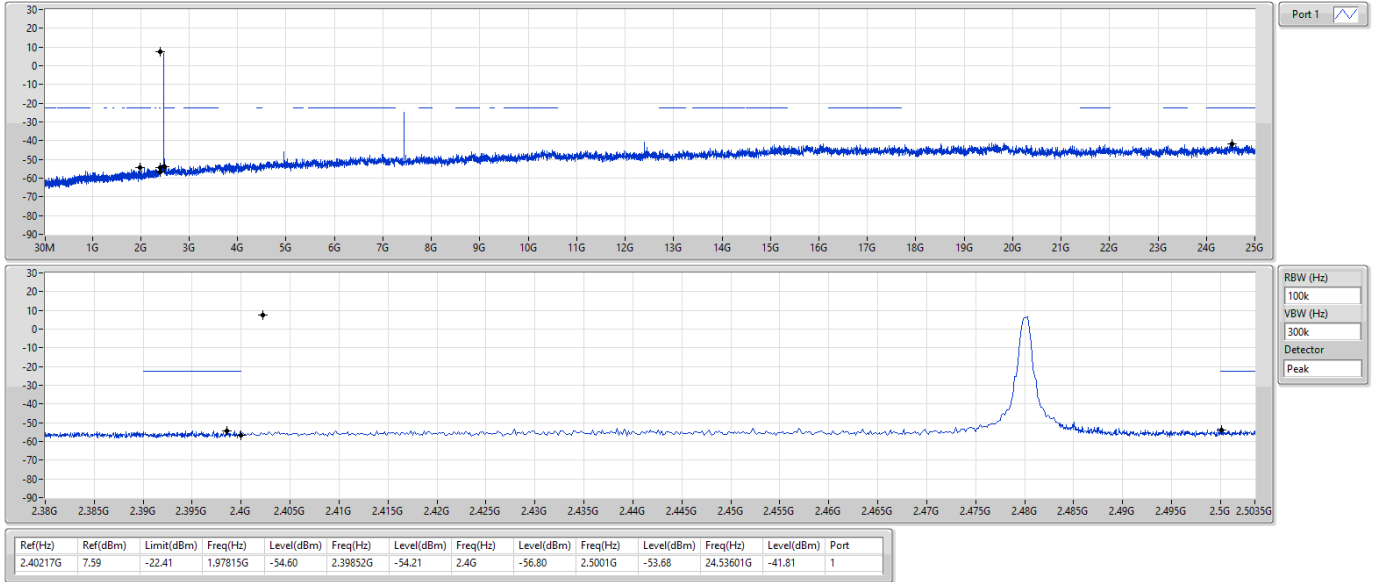
2440MHz



BT-LE(1Mbps)

CSEndB-DTS

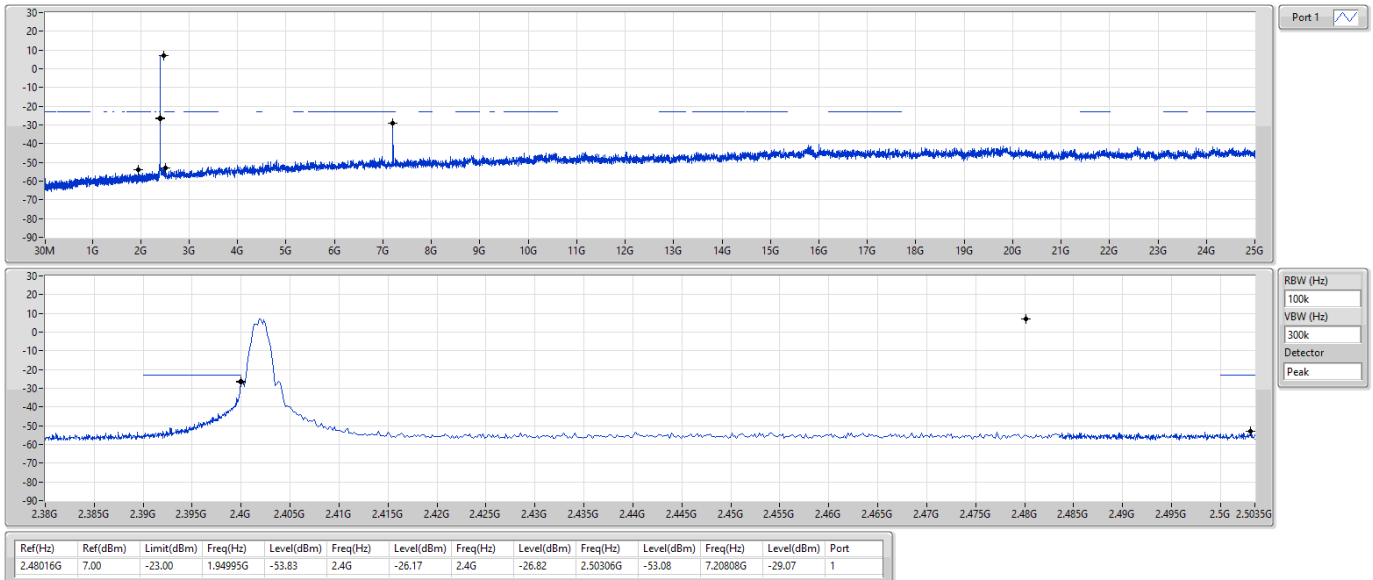
2480MHz



BT-LE(2Mbps)

CSEndB-DTS

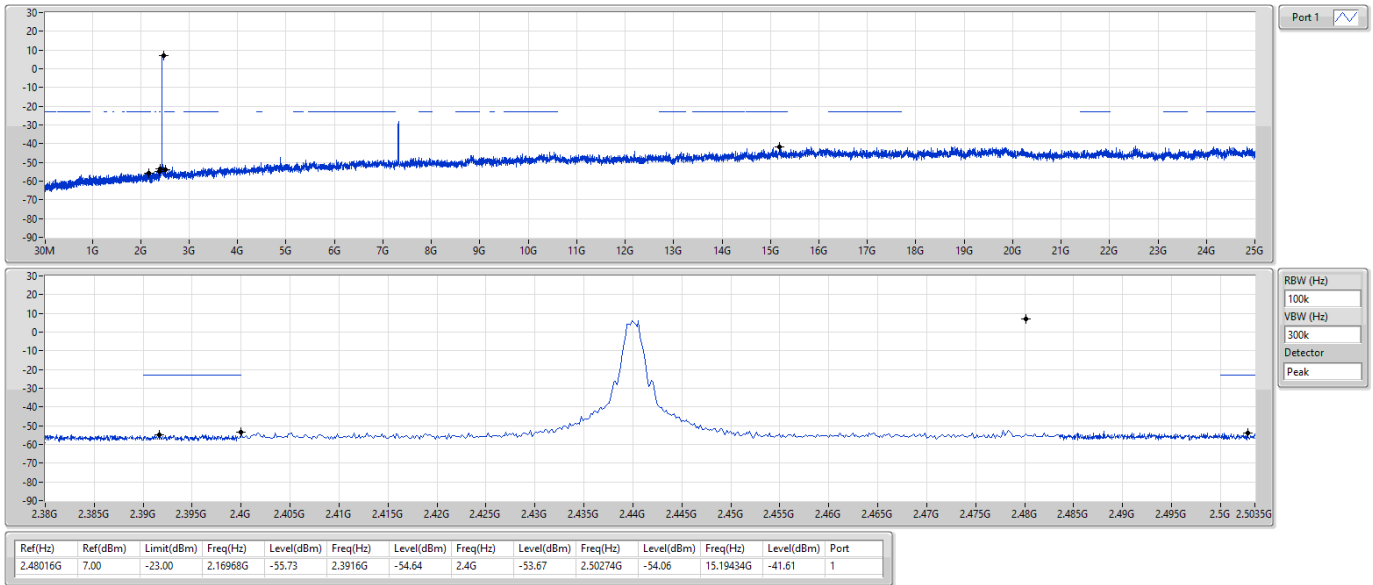
2402MHz



BT-LE(2Mbps)

CSEndB-DTS

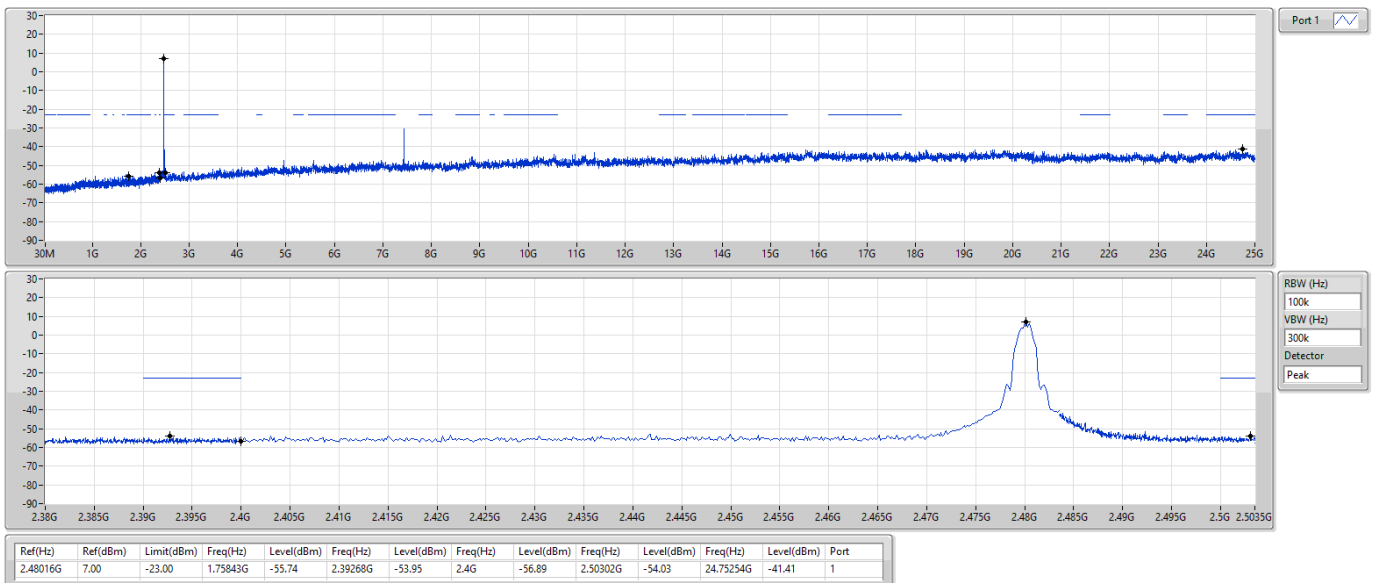
2440MHz



BT-LE(2Mbps)

CSEndB-DTS

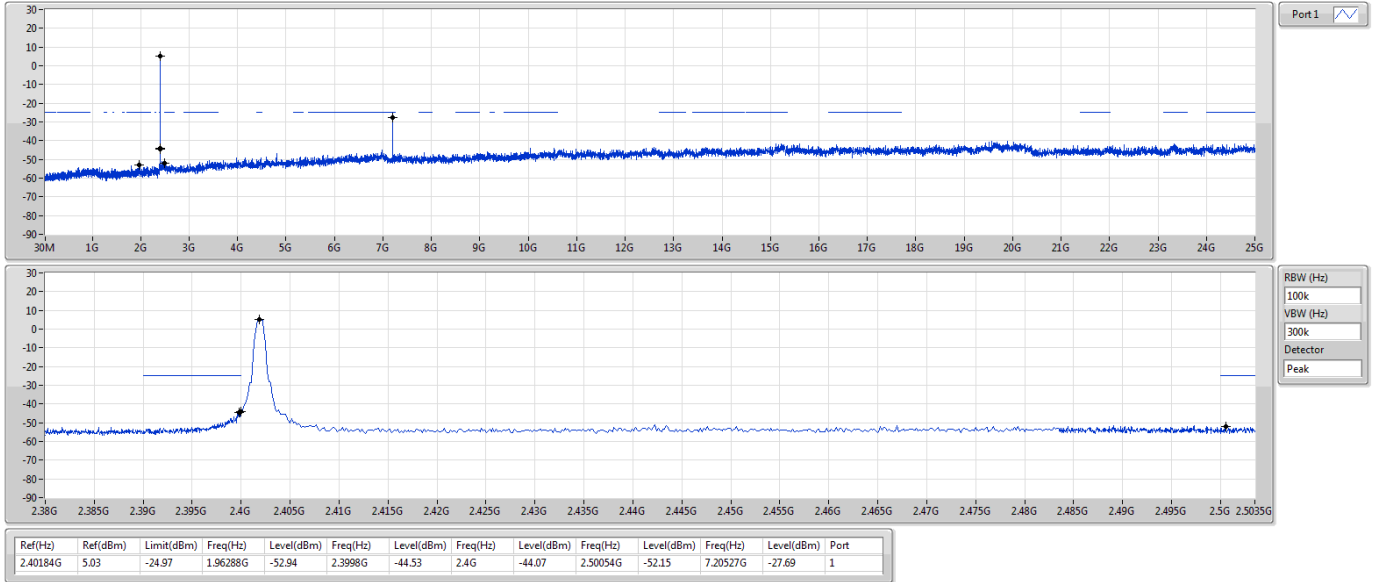
2480MHz



BT-LE(125kbps)

CSEndB-DTS

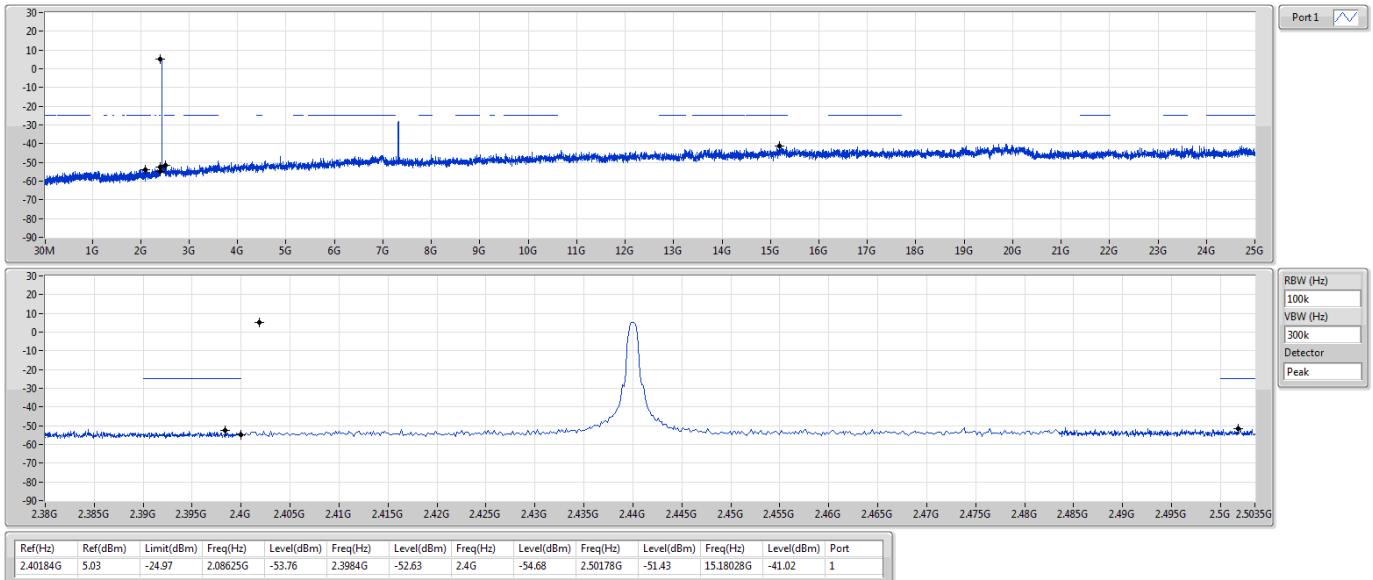
2402MHz



BT-LE(125kbps)

CSEndB-DTS

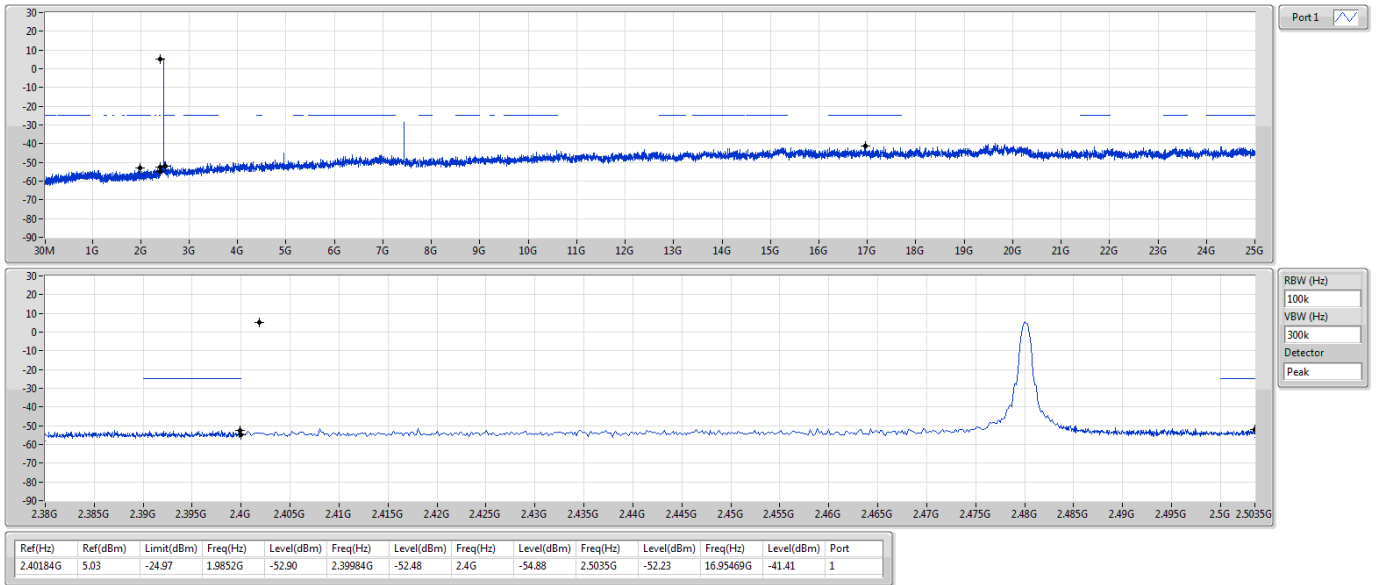
2440MHz



BT-LE(125kbps)

CSEndB-DTS

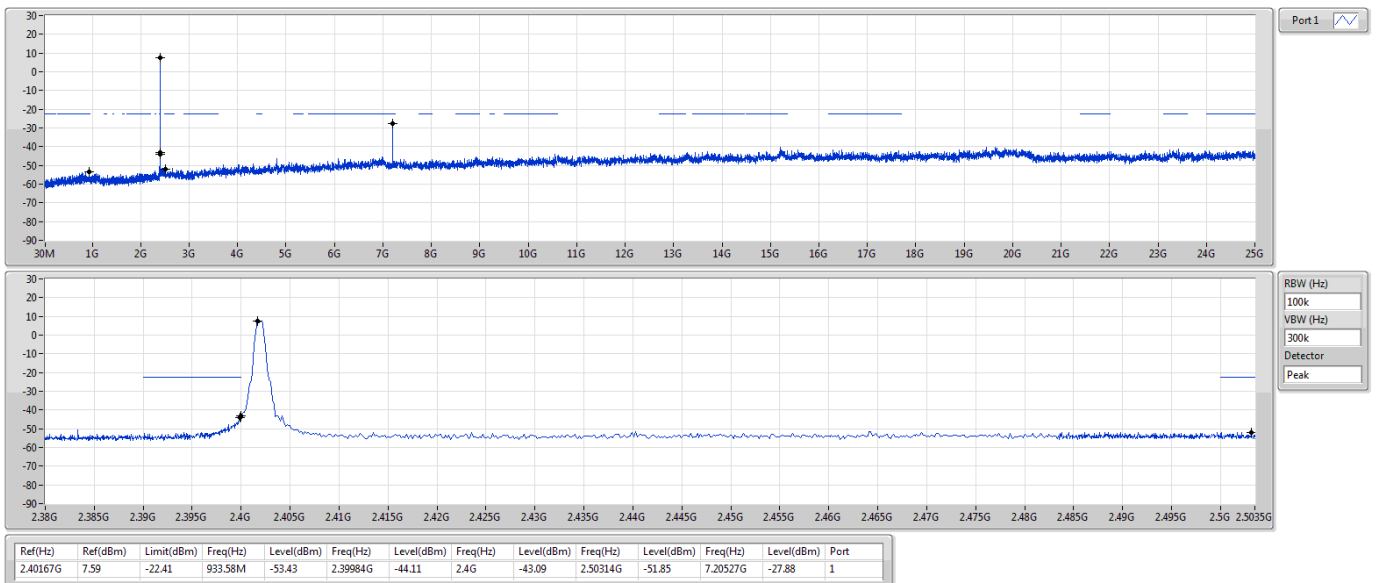
2480MHz



BT-LE(500kbps)

CSEndB-DTS

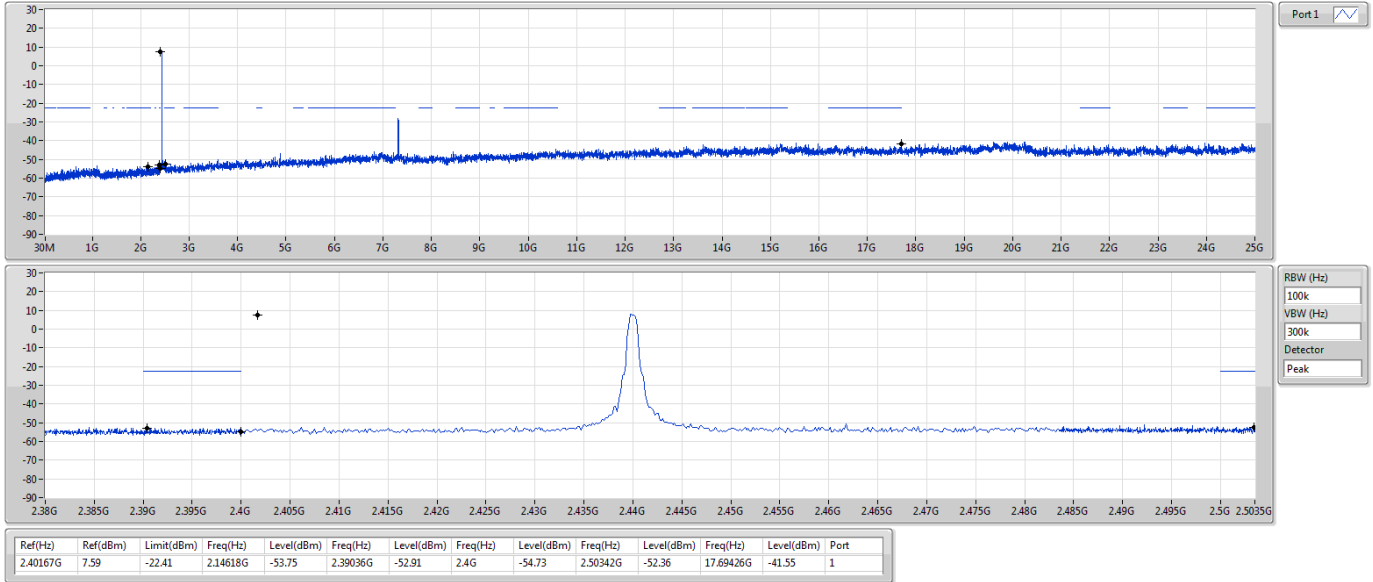
2402MHz



BT-LE(500kbps)

CSEndB-DTS

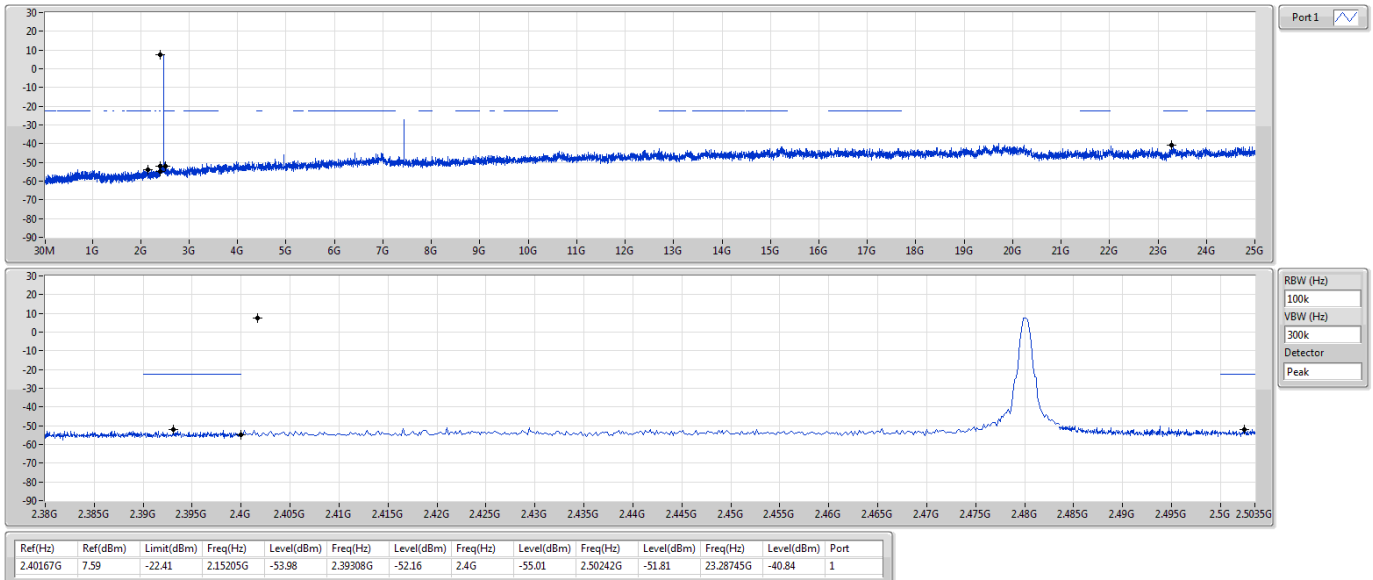
2440MHz



BT-LE(500kbps)

CSEndB-DTS

2480MHz





Summary

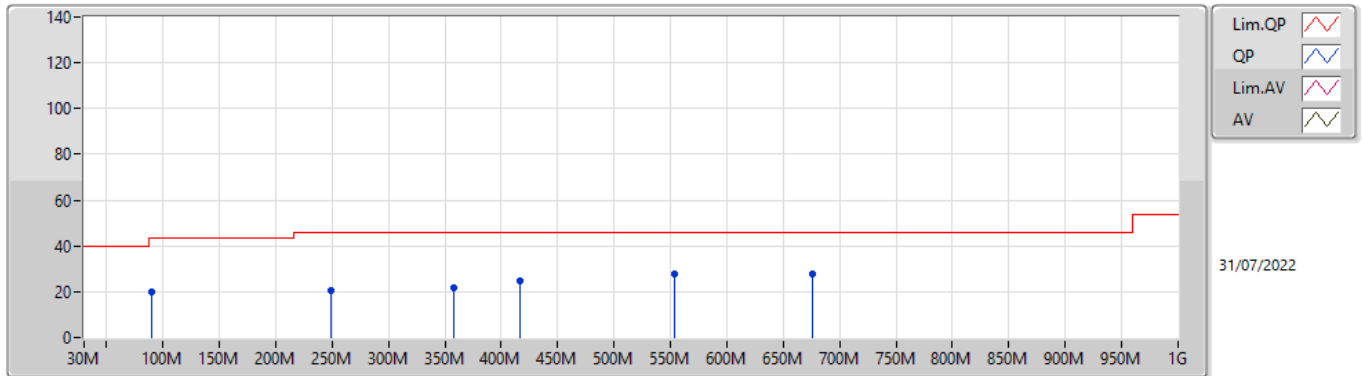
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
BT-LE(2Mbps)	Pass	PK	676.02M	27.73	46.00	-18.27	3	Vertical	0	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-	-	-
2440MHz	Pass	PK	90.14M	19.94	43.50	-23.56	3	Vertical	0	1.00	-
2440MHz	Pass	PK	249.22M	20.63	46.00	-25.37	3	Vertical	0	1.00	-
2440MHz	Pass	PK	357.86M	22.01	46.00	-23.99	3	Vertical	0	1.00	-
2440MHz	Pass	PK	416.06M	25.04	46.00	-20.96	3	Vertical	0	1.00	-
2440MHz	Pass	PK	553.8M	27.51	46.00	-18.49	3	Vertical	0	1.00	-
2440MHz	Pass	PK	676.02M	27.73	46.00	-18.27	3	Vertical	0	1.00	-
2440MHz	Pass	PK	90.14M	19.68	43.50	-23.82	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	127M	17.42	43.50	-26.08	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	256.98M	20.30	46.00	-25.70	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	491.72M	25.06	46.00	-20.94	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	559.62M	26.98	46.00	-19.02	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	619.76M	26.83	46.00	-19.17	3	Horizontal	360	1.00	-

BT-LE(2Mbps)

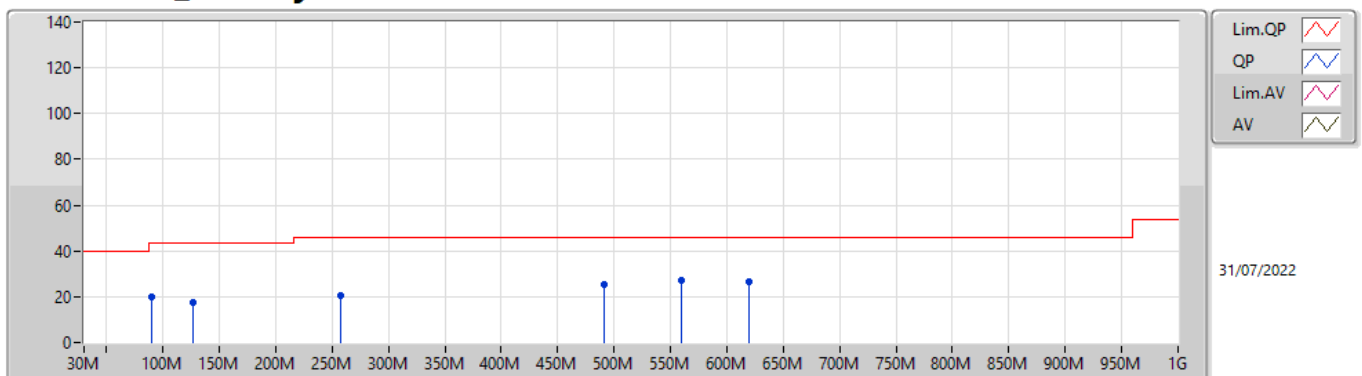
2440MHz_Battery



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	90.14M	19.94	43.50	-23.56	-11.83	3	Vertical	0	1.00	-	31.77	14.03	1.54	27.40
PK	249.22M	20.63	46.00	-25.37	-6.61	3	Vertical	0	1.00	-	27.24	17.44	2.63	26.68
PK	357.86M	22.01	46.00	-23.99	-3.97	3	Vertical	0	1.00	-	25.98	19.76	3.18	26.91
PK	416.06M	25.04	46.00	-20.96	-2.13	3	Vertical	0	1.00	-	27.17	21.73	3.45	27.31
PK	553.8M	27.51	46.00	-18.49	0.23	3	Vertical	0	1.00	-	27.28	24.23	3.99	27.99
PK	676.02M	27.73	46.00	-18.27	0.68	3	Vertical	0	1.00	-	27.05	24.15	4.48	27.95

BT-LE(2Mbps)

2440MHz_Battery



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	90.14M	19.68	43.50	-23.82	-11.83	3	Horizontal	360	1.00	-	31.51	14.03	1.54	27.40
PK	127M	17.42	43.50	-26.08	-8.27	3	Horizontal	360	1.00	-	25.69	17.13	1.85	27.25
PK	256.98M	20.30	46.00	-25.70	-5.65	3	Horizontal	360	1.00	-	25.95	18.35	2.67	26.67
PK	491.72M	25.06	46.00	-20.94	-1.34	3	Horizontal	360	1.00	-	26.40	22.63	3.77	27.74
PK	559.62M	26.98	46.00	-19.02	0.19	3	Horizontal	360	1.00	-	26.79	24.15	4.02	27.98
PK	619.76M	26.83	46.00	-19.17	0.32	3	Horizontal	360	1.00	-	26.51	24.02	4.28	27.98

**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	PK	4.80394G	62.38	74.00	-11.62	3	Vertical	270	2.80	-
BT-LE(2Mbps)	Pass	PK	7.44161G	62.58	74.00	-11.42	3	Vertical	265	1.14	-
BT-LE(125kbps)	Pass	PK	4.96002G	61.76	74.00	-12.24	3	Vertical	287	2.96	-
BT-LE(500kbps)	Pass	PK	4.96051G	62.16	74.00	-11.84	3	Vertical	283	2.97	-

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	2.3698G	17.13	54.00	-36.87	3	Vertical	109	1.17	-
2402MHz	Pass	AV	2.4018G	50.71	Inf	-Inf	3	Vertical	109	1.17	-
2402MHz	Pass	PK	2.3698G	59.14	74.00	-14.86	3	Vertical	109	1.17	-
2402MHz	Pass	PK	2.4018G	92.72	Inf	-Inf	3	Vertical	109	1.17	-
2402MHz	Pass	AV	2.3546G	17.03	54.00	-36.97	3	Horizontal	0	2.60	-
2402MHz	Pass	AV	2.4018G	40.16	Inf	-Inf	3	Horizontal	0	2.60	-
2402MHz	Pass	PK	2.3546G	59.04	74.00	-14.96	3	Horizontal	0	2.60	-
2402MHz	Pass	PK	2.4018G	82.17	Inf	-Inf	3	Horizontal	0	2.60	-
2402MHz	Pass	AV	4.80394G	20.37	54.00	-33.63	3	Vertical	270	2.80	-
2402MHz	Pass	PK	4.80394G	62.38	74.00	-11.62	3	Vertical	270	2.80	-
2402MHz	Pass	AV	4.80353G	11.87	54.00	-42.13	3	Horizontal	349	3.00	-
2402MHz	Pass	PK	4.80353G	53.88	74.00	-20.12	3	Horizontal	349	3.00	-
2402MHz	Pass	AV	2.386G	16.69	54.00	-37.31	3	Vertical	87	1.00	-
2440MHz	Pass	AV	2.4396G	55.78	Inf	-Inf	3	Vertical	87	1.00	-
2440MHz	Pass	AV	2.4864G	17.51	54.00	-36.49	3	Vertical	87	1.00	-
2440MHz	Pass	PK	2.386G	58.70	74.00	-15.30	3	Vertical	87	1.00	-
2440MHz	Pass	PK	2.4396G	97.79	Inf	-Inf	3	Vertical	87	1.00	-
2440MHz	Pass	PK	2.4864G	59.52	74.00	-14.48	3	Vertical	87	1.00	-
2440MHz	Pass	AV	2.39G	16.80	54.00	-37.20	3	Horizontal	357	1.53	-
2440MHz	Pass	AV	2.4404G	45.28	Inf	-Inf	3	Horizontal	357	1.53	-
2440MHz	Pass	AV	2.4964G	17.36	54.00	-36.64	3	Horizontal	357	1.53	-
2440MHz	Pass	PK	2.39G	58.81	74.00	-15.19	3	Horizontal	357	1.53	-
2440MHz	Pass	PK	2.4404G	87.29	Inf	-Inf	3	Horizontal	357	1.53	-
2440MHz	Pass	PK	2.4964G	59.37	74.00	-14.63	3	Horizontal	357	1.53	-
2440MHz	Pass	AV	4.88052G	19.10	54.00	-34.90	3	Vertical	278	2.44	-
2440MHz	Pass	AV	7.32068G	17.10	54.00	-36.90	3	Vertical	360	2.55	-
2440MHz	Pass	PK	4.88052G	61.11	74.00	-12.89	3	Vertical	278	2.44	-
2440MHz	Pass	PK	7.32068G	59.11	74.00	-14.89	3	Vertical	360	2.55	-
2440MHz	Pass	AV	4.88056G	9.32	54.00	-44.68	3	Horizontal	229	1.60	-
2440MHz	Pass	AV	7.31937G	17.06	54.00	-36.94	3	Horizontal	137	1.10	-
2440MHz	Pass	PK	4.88056G	51.33	74.00	-22.67	3	Horizontal	229	1.60	-
2440MHz	Pass	PK	7.31937G	59.07	74.00	-14.93	3	Horizontal	137	1.10	-
2480MHz	Pass	AV	2.4798G	55.64	Inf	-Inf	3	Vertical	97	1.14	-
2480MHz	Pass	AV	2.494G	17.60	54.00	-36.40	3	Vertical	97	1.14	-
2480MHz	Pass	PK	2.4798G	97.65	Inf	-Inf	3	Vertical	97	1.14	-
2480MHz	Pass	PK	2.494G	59.61	74.00	-14.39	3	Vertical	97	1.14	-
2480MHz	Pass	AV	2.4802G	44.87	Inf	-Inf	3	Horizontal	353	2.78	-
2480MHz	Pass	AV	2.4948G	17.35	54.00	-36.65	3	Horizontal	353	2.78	-
2480MHz	Pass	PK	2.4802G	86.88	Inf	-Inf	3	Horizontal	353	2.78	-
2480MHz	Pass	PK	2.4948G	59.36	74.00	-14.64	3	Horizontal	353	2.78	-
2480MHz	Pass	AV	4.95992G	19.52	54.00	-34.48	3	Vertical	308	2.97	-
2480MHz	Pass	AV	7.43993G	20.30	54.00	-33.70	3	Vertical	257	1.13	-
2480MHz	Pass	PK	4.95992G	61.53	74.00	-12.47	3	Vertical	308	2.97	-
2480MHz	Pass	PK	7.43993G	62.31	74.00	-11.69	3	Vertical	257	1.13	-
2480MHz	Pass	AV	4.95989G	13.96	54.00	-40.04	3	Horizontal	297	1.03	-
2480MHz	Pass	AV	7.44008G	14.43	54.00	-39.57	3	Horizontal	360	1.62	-
2480MHz	Pass	PK	4.95989G	55.97	74.00	-18.03	3	Horizontal	297	1.03	-
2480MHz	Pass	PK	7.44008G	56.44	74.00	-17.56	3	Horizontal	360	1.62	-
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3716G	17.08	54.00	-36.92	3	Vertical	119	1.00	-
2402MHz	Pass	AV	2.402G	50.82	Inf	-Inf	3	Vertical	119	1.00	-
2402MHz	Pass	PK	2.3716G	59.09	74.00	-14.91	3	Vertical	119	1.00	-
2402MHz	Pass	PK	2.402G	92.83	Inf	-Inf	3	Vertical	119	1.00	-
2402MHz	Pass	AV	2.384G	16.42	54.00	-37.58	3	Horizontal	0	1.32	-
2402MHz	Pass	AV	2.4016G	39.94	Inf	-Inf	3	Horizontal	0	1.32	-
2402MHz	Pass	PK	2.384G	58.43	74.00	-15.57	3	Horizontal	0	1.32	-
2402MHz	Pass	PK	2.4016G	81.95	Inf	-Inf	3	Horizontal	0	1.32	-
2402MHz	Pass	AV	4.80394G	19.78	54.00	-34.22	3	Vertical	259	3.00	-
2402MHz	Pass	PK	4.80394G	61.79	74.00	-12.21	3	Vertical	259	3.00	-
2402MHz	Pass	AV	4.80493G	9.02	54.00	-44.98	3	Horizontal	330	2.10	-

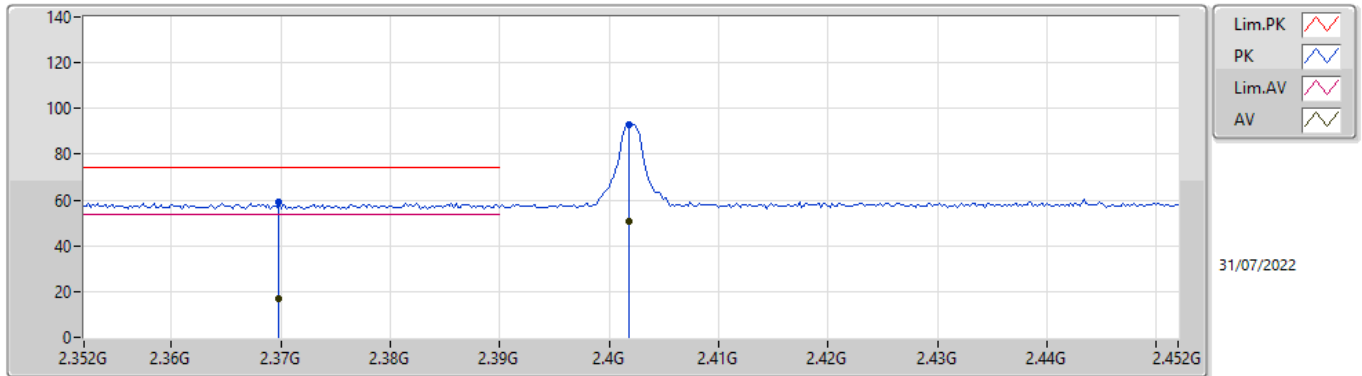
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2402MHz	Pass	PK	4.80493G	51.03	74.00	-22.97	3	Horizontal	330	2.10	-
2440MHz	Pass	AV	2.39G	15.49	54.00	-38.51	3	Vertical	120	1.00	-
2440MHz	Pass	AV	2.4396G	56.16	Inf	-Inf	3	Vertical	120	1.00	-
2440MHz	Pass	AV	2.4894G	16.69	54.00	-37.31	3	Vertical	120	1.00	-
2440MHz	Pass	PK	2.39G	57.50	74.00	-16.50	3	Vertical	120	1.00	-
2440MHz	Pass	PK	2.4396G	98.17	Inf	-Inf	3	Vertical	120	1.00	-
2440MHz	Pass	PK	2.4894G	58.70	74.00	-15.30	3	Vertical	120	1.00	-
2440MHz	Pass	AV	2.39G	14.72	54.00	-39.28	3	Horizontal	0	1.33	-
2440MHz	Pass	AV	2.4394G	45.24	Inf	-Inf	3	Horizontal	0	1.33	-
2440MHz	Pass	AV	2.4872G	17.09	54.00	-36.91	3	Horizontal	0	1.33	-
2440MHz	Pass	PK	2.39G	56.73	74.00	-17.27	3	Horizontal	0	1.33	-
2440MHz	Pass	PK	2.4394G	87.25	Inf	-Inf	3	Horizontal	0	1.33	-
2440MHz	Pass	PK	2.4872G	59.10	74.00	-14.90	3	Horizontal	0	1.33	-
2440MHz	Pass	AV	4.88099G	18.14	54.00	-35.86	3	Vertical	319	2.90	-
2440MHz	Pass	AV	7.31851G	20.35	54.00	-33.65	3	Vertical	269	1.00	-
2440MHz	Pass	PK	4.88099G	60.15	74.00	-13.85	3	Vertical	319	2.90	-
2440MHz	Pass	PK	7.31851G	62.36	74.00	-11.64	3	Vertical	269	1.00	-
2440MHz	Pass	AV	4.87988G	12.72	54.00	-41.28	3	Horizontal	81	1.03	-
2440MHz	Pass	AV	7.31988G	14.76	54.00	-39.24	3	Horizontal	0	1.80	-
2440MHz	Pass	PK	4.87988G	54.73	74.00	-19.27	3	Horizontal	81	1.03	-
2440MHz	Pass	PK	7.31988G	56.77	74.00	-17.23	3	Horizontal	0	1.80	-
2480MHz	Pass	AV	2.48G	55.83	Inf	-Inf	3	Vertical	99	1.11	-
2480MHz	Pass	AV	2.4838G	19.66	54.00	-34.34	3	Vertical	99	1.11	-
2480MHz	Pass	PK	2.48G	97.84	Inf	-Inf	3	Vertical	99	1.11	-
2480MHz	Pass	PK	2.4838G	61.67	74.00	-12.33	3	Vertical	99	1.11	-
2480MHz	Pass	AV	2.4796G	44.78	Inf	-Inf	3	Horizontal	0	2.78	-
2480MHz	Pass	AV	2.4982G	17.26	54.00	-36.74	3	Horizontal	0	2.78	-
2480MHz	Pass	PK	2.4796G	86.79	Inf	-Inf	3	Horizontal	0	2.78	-
2480MHz	Pass	PK	2.4982G	59.32	74.00	-14.68	3	Horizontal	0	2.78	-
2480MHz	Pass	AV	4.95992G	19.83	54.00	-34.17	3	Vertical	292	2.98	-
2480MHz	Pass	AV	7.44161G	20.57	54.00	-33.43	3	Vertical	265	1.14	-
2480MHz	Pass	PK	4.95992G	61.84	74.00	-12.16	3	Vertical	292	2.98	-
2480MHz	Pass	PK	7.44161G	62.58	74.00	-11.42	3	Vertical	265	1.14	-
2480MHz	Pass	AV	4.96007G	13.31	54.00	-40.69	3	Horizontal	305	1.10	-
2480MHz	Pass	AV	7.43996G	15.35	54.00	-38.65	3	Horizontal	158	1.34	-
2480MHz	Pass	PK	4.96007G	55.32	74.00	-18.68	3	Horizontal	305	1.10	-
2480MHz	Pass	PK	7.43996G	57.36	74.00	-16.64	3	Horizontal	158	1.34	-
BT-LE(125kbps)	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3606G	16.93	54.00	-37.07	3	Vertical	118	1.00	-
2402MHz	Pass	AV	2.4022G	56.18	Inf	-Inf	3	Vertical	118	1.00	-
2402MHz	Pass	PK	2.3606G	58.94	74.00	-15.06	3	Vertical	118	1.00	-
2402MHz	Pass	PK	2.4022G	98.19	Inf	-Inf	3	Vertical	118	1.00	-
2402MHz	Pass	AV	2.3894G	16.94	54.00	-37.06	3	Horizontal	0	2.60	-
2402MHz	Pass	AV	2.4018G	44.42	Inf	-Inf	3	Horizontal	0	2.60	-
2402MHz	Pass	PK	2.3894G	58.95	74.00	-15.05	3	Horizontal	0	2.60	-
2402MHz	Pass	PK	2.4018G	86.43	Inf	-Inf	3	Horizontal	0	2.60	-
2402MHz	Pass	AV	4.80448G	18.08	54.00	-35.92	3	Vertical	0	1.01	-
2402MHz	Pass	PK	4.80448G	60.09	74.00	-13.91	3	Vertical	0	1.01	-
2402MHz	Pass	AV	4.80358G	11.82	54.00	-42.18	3	Horizontal	73	1.08	-
2402MHz	Pass	PK	4.80358G	53.83	74.00	-20.17	3	Horizontal	73	1.08	-
2440MHz	Pass	AV	2.358G	16.96	54.00	-37.04	3	Vertical	88	1.22	-
2440MHz	Pass	AV	2.4396G	55.20	Inf	-Inf	3	Vertical	88	1.22	-
2440MHz	Pass	AV	2.4904G	17.23	54.00	-36.77	3	Vertical	88	1.22	-
2440MHz	Pass	PK	2.358G	58.97	74.00	-15.03	3	Vertical	88	1.22	-
2440MHz	Pass	PK	2.4396G	97.21	Inf	-Inf	3	Vertical	88	1.22	-
2440MHz	Pass	PK	2.4904G	59.24	74.00	-14.76	3	Vertical	88	1.22	-
2440MHz	Pass	AV	2.354G	17.45	54.00	-36.55	3	Horizontal	357	1.53	-
2440MHz	Pass	AV	2.4404G	43.80	Inf	-Inf	3	Horizontal	357	1.53	-
2440MHz	Pass	AV	2.4972G	17.88	54.00	-36.12	3	Horizontal	357	1.53	-
2440MHz	Pass	PK	2.354G	59.46	74.00	-14.54	3	Horizontal	357	1.53	-
2440MHz	Pass	PK	2.4404G	85.81	Inf	-Inf	3	Horizontal	357	1.53	-
2440MHz	Pass	PK	2.4972G	59.89	74.00	-14.11	3	Horizontal	357	1.53	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2440MHz	Pass	AV	4.88057G	18.72	54.00	-35.28	3	Vertical	319	2.98	-
2440MHz	Pass	AV	7.31922G	17.96	54.00	-36.04	3	Vertical	249	2.54	-
2440MHz	Pass	PK	4.88057G	60.73	74.00	-13.27	3	Vertical	319	2.98	-
2440MHz	Pass	PK	7.31922G	59.97	74.00	-14.03	3	Vertical	249	2.54	-
2440MHz	Pass	AV	4.87958G	13.09	54.00	-40.91	3	Horizontal	67	1.19	-
2440MHz	Pass	AV	7.32068G	14.80	54.00	-39.20	3	Horizontal	0	1.19	-
2440MHz	Pass	PK	4.87958G	55.10	74.00	-18.90	3	Horizontal	67	1.19	-
2440MHz	Pass	PK	7.32068G	56.81	74.00	-17.19	3	Horizontal	0	1.19	-
2480MHz	Pass	AV	2.4798G	54.37	Inf	-Inf	3	Vertical	96	1.04	-
2480MHz	Pass	AV	2.4966G	17.45	54.00	-36.55	3	Vertical	96	1.04	-
2480MHz	Pass	PK	2.4798G	96.38	Inf	-Inf	3	Vertical	96	1.04	-
2480MHz	Pass	PK	2.4966G	59.46	74.00	-14.54	3	Vertical	96	1.04	-
2480MHz	Pass	AV	2.4802G	41.72	Inf	-Inf	3	Horizontal	3	1.53	-
2480MHz	Pass	AV	2.4944G	17.63	54.00	-36.37	3	Horizontal	3	1.53	-
2480MHz	Pass	PK	2.4802G	83.73	Inf	-Inf	3	Horizontal	3	1.53	-
2480MHz	Pass	PK	2.4944G	59.64	74.00	-14.36	3	Horizontal	3	1.53	-
2480MHz	Pass	AV	4.96002G	19.75	54.00	-34.25	3	Vertical	287	2.96	-
2480MHz	Pass	AV	7.44068G	17.97	54.00	-36.03	3	Vertical	260	2.88	-
2480MHz	Pass	PK	4.96002G	61.76	74.00	-12.24	3	Vertical	287	2.96	-
2480MHz	Pass	PK	7.44068G	59.98	74.00	-14.02	3	Vertical	260	2.88	-
2480MHz	Pass	AV	4.95942G	13.47	54.00	-40.53	3	Horizontal	167	3.00	-
2480MHz	Pass	AV	7.44071G	14.67	54.00	-39.33	3	Horizontal	35	1.13	-
2480MHz	Pass	PK	4.95942G	55.48	74.00	-18.52	3	Horizontal	167	3.00	-
2480MHz	Pass	PK	7.44071G	56.68	74.00	-17.32	3	Horizontal	35	1.13	-
BT-LE(500kbps)	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3822G	16.97	54.00	-37.03	3	Vertical	118	1.01	-
2402MHz	Pass	AV	2.4018G	54.89	Inf	-Inf	3	Vertical	118	1.01	-
2402MHz	Pass	PK	2.3822G	58.98	74.00	-15.02	3	Vertical	118	1.01	-
2402MHz	Pass	PK	2.4018G	96.90	Inf	-Inf	3	Vertical	118	1.01	-
2402MHz	Pass	AV	2.3788G	17.15	54.00	-36.85	3	Horizontal	0	1.34	-
2402MHz	Pass	AV	2.4022G	42.45	Inf	-Inf	3	Horizontal	0	1.34	-
2402MHz	Pass	PK	2.3788G	59.16	74.00	-14.84	3	Horizontal	0	1.34	-
2402MHz	Pass	PK	2.4022G	84.46	Inf	-Inf	3	Horizontal	0	1.34	-
2402MHz	Pass	AV	4.80452G	18.50	54.00	-35.50	3	Vertical	67	1.00	-
2402MHz	Pass	PK	4.80452G	60.51	74.00	-13.49	3	Vertical	67	1.00	-
2402MHz	Pass	AV	4.8044G	13.13	54.00	-40.87	3	Horizontal	68	1.10	-
2402MHz	Pass	PK	4.8044G	55.14	74.00	-18.86	3	Horizontal	68	1.10	-
2440MHz	Pass	AV	2.39G	15.19	54.00	-38.81	3	Vertical	88	1.21	-
2440MHz	Pass	AV	2.4398G	54.79	Inf	-Inf	3	Vertical	88	1.21	-
2440MHz	Pass	AV	2.4848G	16.81	54.00	-37.19	3	Vertical	88	1.21	-
2440MHz	Pass	PK	2.39G	57.20	74.00	-16.80	3	Vertical	88	1.21	-
2440MHz	Pass	PK	2.4398G	96.80	Inf	-Inf	3	Vertical	88	1.21	-
2440MHz	Pass	PK	2.4848G	58.82	74.00	-15.18	3	Vertical	88	1.21	-
2440MHz	Pass	AV	2.39G	14.64	54.00	-39.36	3	Horizontal	0	1.32	-
2440MHz	Pass	AV	2.4398G	43.29	Inf	-Inf	3	Horizontal	0	1.32	-
2440MHz	Pass	AV	2.4876G	17.23	54.00	-36.77	3	Horizontal	0	1.32	-
2440MHz	Pass	PK	2.39G	56.65	74.00	-17.35	3	Horizontal	0	1.32	-
2440MHz	Pass	PK	2.4398G	85.30	Inf	-Inf	3	Horizontal	0	1.32	-
2440MHz	Pass	PK	2.4876G	59.24	74.00	-14.76	3	Horizontal	0	1.32	-
2440MHz	Pass	AV	4.88055G	19.02	54.00	-34.98	3	Vertical	320	2.97	-
2440MHz	Pass	AV	7.32076G	17.48	54.00	-36.52	3	Vertical	259	2.97	-
2440MHz	Pass	PK	4.88055G	61.03	74.00	-12.97	3	Vertical	320	2.97	-
2440MHz	Pass	PK	7.32076G	59.49	74.00	-14.51	3	Vertical	259	2.97	-
2440MHz	Pass	AV	4.87962G	13.09	54.00	-40.91	3	Horizontal	68	1.03	-
2440MHz	Pass	AV	7.31927G	15.05	54.00	-38.95	3	Horizontal	246	1.19	-
2440MHz	Pass	PK	4.87962G	55.10	74.00	-18.90	3	Horizontal	68	1.03	-
2440MHz	Pass	PK	7.31927G	57.06	74.00	-16.94	3	Horizontal	246	1.19	-
2480MHz	Pass	AV	2.4798G	54.89	Inf	-Inf	3	Vertical	96	1.04	-
2480MHz	Pass	AV	2.4848G	17.02	54.00	-36.98	3	Vertical	96	1.04	-
2480MHz	Pass	PK	2.4798G	96.90	Inf	-Inf	3	Vertical	96	1.04	-
2480MHz	Pass	PK	2.4848G	59.03	74.00	-14.97	3	Vertical	96	1.04	-
2480MHz	Pass	AV	2.4802G	41.96	Inf	-Inf	3	Horizontal	1	1.54	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2480MHz	Pass	AV	2.4964G	17.19	54.00	-36.81	3	Horizontal	1	1.54	-
2480MHz	Pass	PK	2.4802G	83.97	Inf	-Inf	3	Horizontal	1	1.54	-
2480MHz	Pass	PK	2.4964G	59.20	74.00	-14.80	3	Horizontal	1	1.54	-
2480MHz	Pass	AV	4.96051G	20.15	54.00	-33.85	3	Vertical	283	2.97	-
2480MHz	Pass	AV	7.43938G	17.32	54.00	-36.68	3	Vertical	247	2.78	-
2480MHz	Pass	PK	4.96051G	62.16	74.00	-11.84	3	Vertical	283	2.97	-
2480MHz	Pass	PK	7.43938G	59.33	74.00	-14.67	3	Vertical	247	2.78	-
2480MHz	Pass	AV	4.96058G	12.89	54.00	-41.11	3	Horizontal	331	2.69	-
2480MHz	Pass	AV	7.44078G	14.84	54.00	-39.16	3	Horizontal	36	1.14	-
2480MHz	Pass	PK	4.96058G	54.90	74.00	-19.10	3	Horizontal	331	2.69	-
2480MHz	Pass	PK	7.44078G	56.85	74.00	-17.15	3	Horizontal	36	1.14	-

BT-LE(1Mbps)

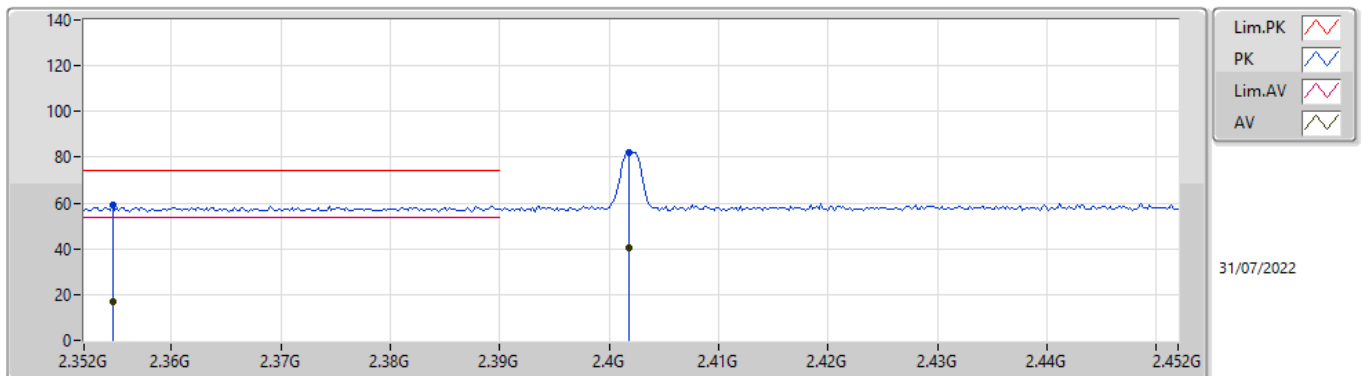
2402MHz_TX



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	2.3698G	17.13	54.00	-36.87	31.83	3	Vertical	109	1.17	-	-14.70	27.34	4.49	-
AV	2.4018G	50.71	Inf	-Inf	31.88	3	Vertical	109	1.17	-	18.83	27.41	4.47	-
PK	2.3698G	59.14	74.00	-14.86	31.83	3	Vertical	109	1.17	-	27.31	27.34	4.49	-
PK	2.4018G	92.72	Inf	-Inf	31.88	3	Vertical	109	1.17	-	60.84	27.41	4.47	-

BT-LE(1Mbps)

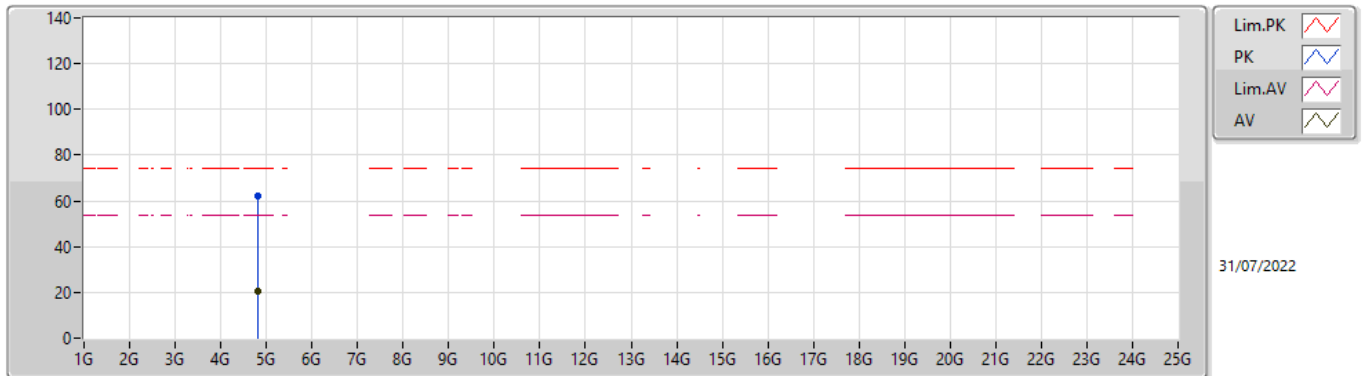
2402MHz_TX



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	2.3546G	17.03	54.00	-36.97	31.81	3	Horizontal	0	2.60	-	-14.78	27.31	4.50	-
AV	2.4018G	40.16	Inf	-Inf	31.88	3	Horizontal	0	2.60	-	8.28	27.41	4.47	-
PK	2.3546G	59.04	74.00	-14.96	31.81	3	Horizontal	0	2.60	-	27.23	27.31	4.50	-
PK	2.4018G	82.17	Inf	-Inf	31.88	3	Horizontal	0	2.60	-	50.29	27.41	4.47	-

BT-LE(1Mbps)

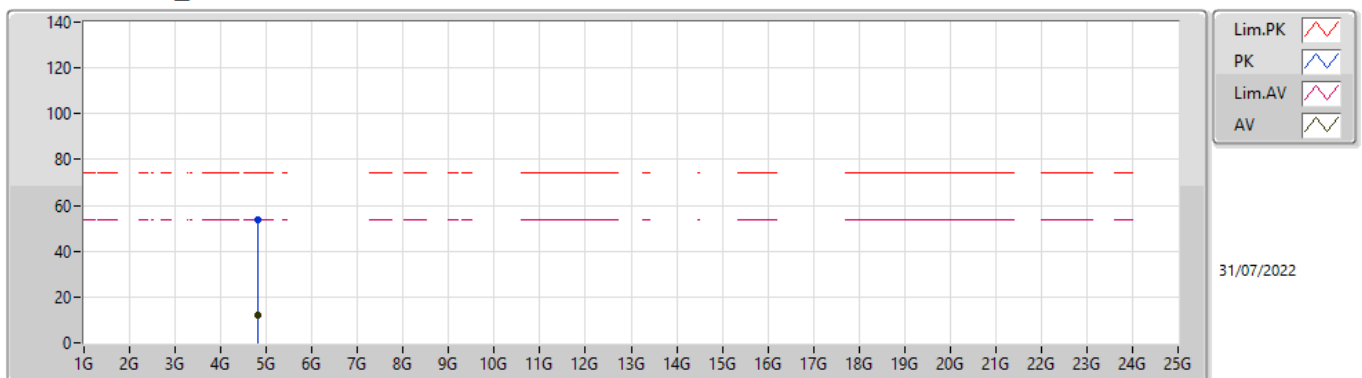
2402MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.80394G	20.37	54.00	-33.63	5.13	3	Vertical	270	2.80	-	15.24	32.52	6.90	34.29
PK	4.80394G	62.38	74.00	-11.62	5.13	3	Vertical	270	2.80	-	57.25	32.52	6.90	34.29

BT-LE(1Mbps)

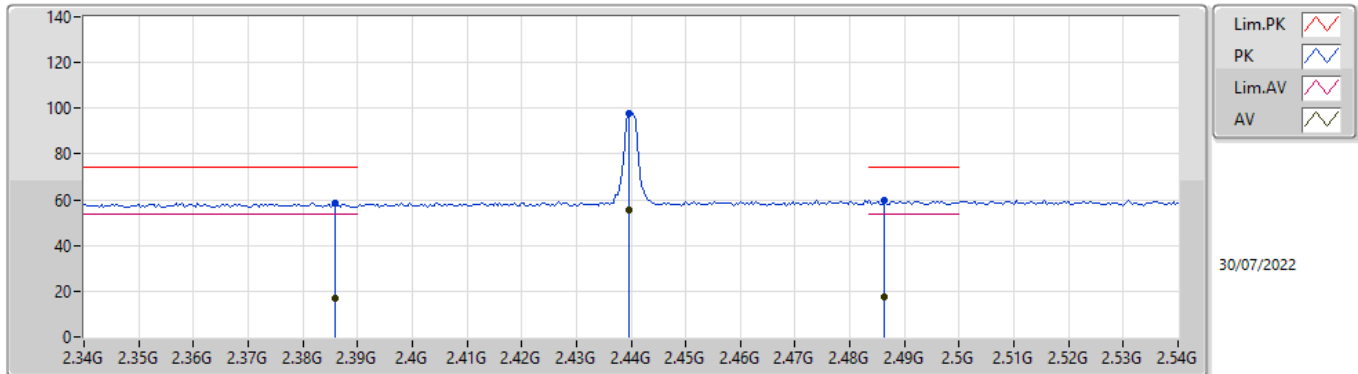
2402MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.80353G	11.87	54.00	-42.13	5.12	3	Horizontal	349	3.00	-	6.75	32.51	6.90	34.29
PK	4.80353G	53.88	74.00	-20.12	5.12	3	Horizontal	349	3.00	-	48.76	32.51	6.90	34.29

BT-LE(1Mbps)

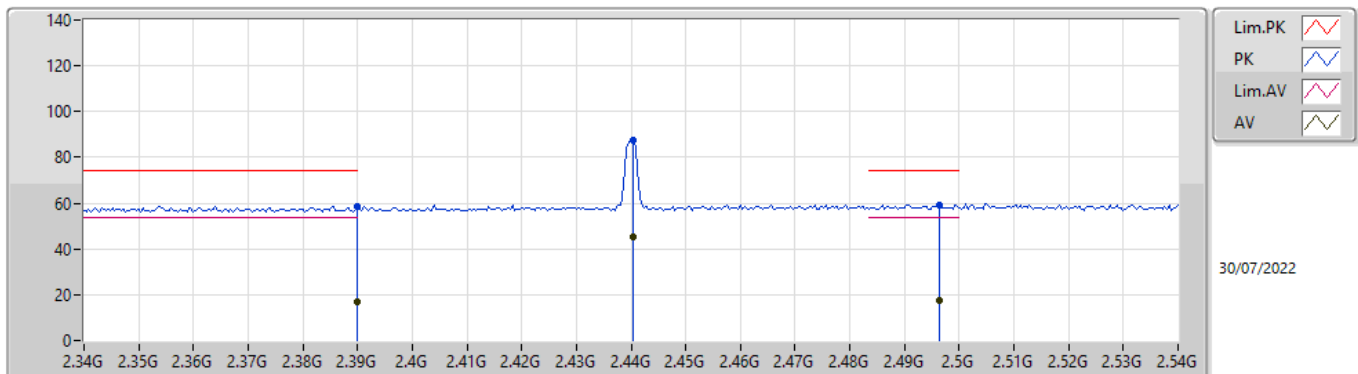
2440MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.386G	16.69	54.00	-37.31	31.74	3	Vertical	87	1.00	-	-15.05	27.37	4.37	-
AV	2.4396G	55.78	Inf	-Inf	32.01	3	Vertical	87	1.00	-	23.77	27.56	4.45	-
AV	2.4864G	17.51	54.00	-36.49	32.33	3	Vertical	87	1.00	-	-14.82	27.82	4.51	-
PK	2.386G	58.70	74.00	-15.30	31.74	3	Vertical	87	1.00	-	26.96	27.37	4.37	-
PK	2.4396G	97.79	Inf	-Inf	32.01	3	Vertical	87	1.00	-	65.78	27.56	4.45	-
PK	2.4864G	59.52	74.00	-14.48	32.33	3	Vertical	87	1.00	-	27.19	27.82	4.51	-

BT-LE(1Mbps)

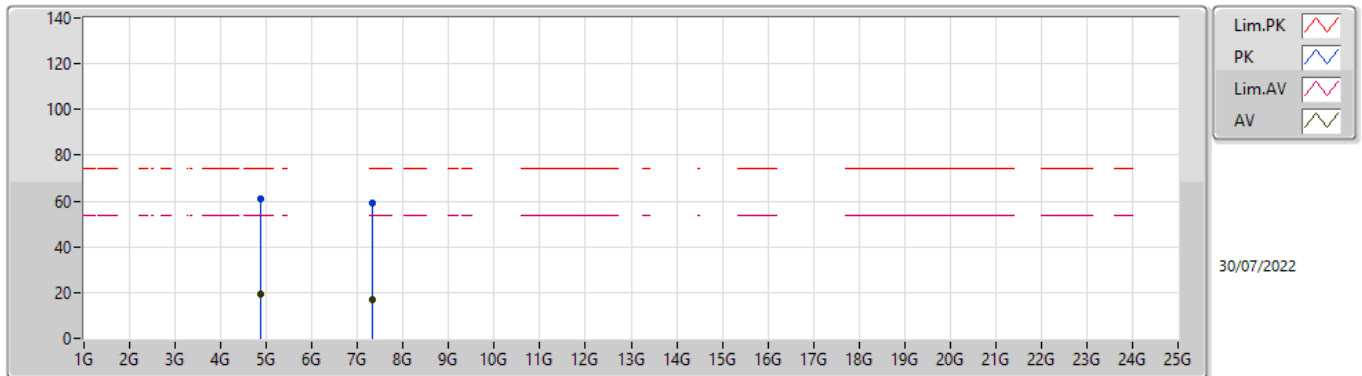
2440MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	16.80	54.00	-37.20	31.76	3	Horizontal	357	1.53	-	-14.96	27.38	4.38	-
AV	2.4404G	45.28	Inf	-Inf	32.01	3	Horizontal	357	1.53	-	13.27	27.56	4.45	-
AV	2.4964G	17.36	54.00	-36.64	32.40	3	Horizontal	357	1.53	-	-15.04	27.88	4.52	-
PK	2.39G	58.81	74.00	-15.19	31.76	3	Horizontal	357	1.53	-	27.05	27.38	4.38	-
PK	2.4404G	87.29	Inf	-Inf	32.01	3	Horizontal	357	1.53	-	55.28	27.56	4.45	-
PK	2.4964G	59.37	74.00	-14.63	32.40	3	Horizontal	357	1.53	-	26.97	27.88	4.52	-

BT-LE(1Mbps)

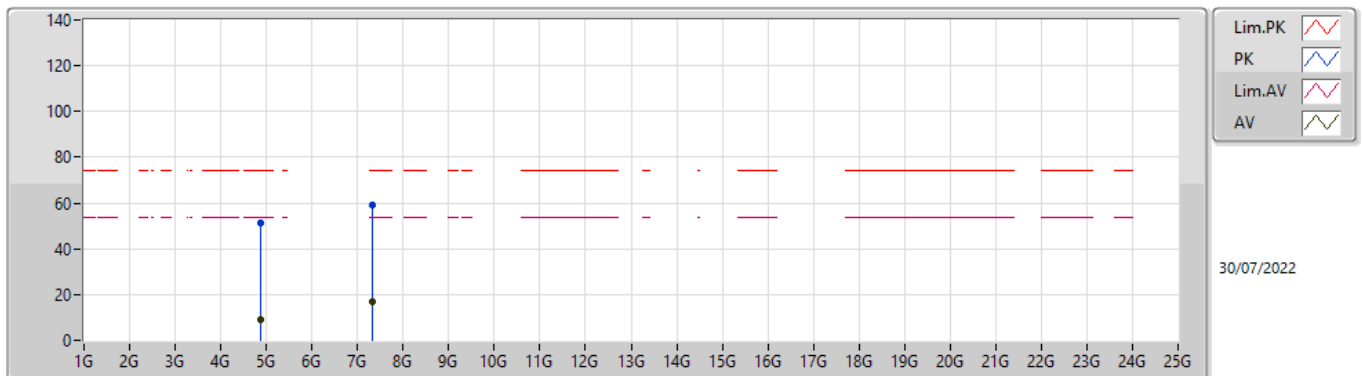
2440MHz_TX



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	4.88052G	19.10	54.00	-34.90	4.79	3	Vertical	278	2.44	-	14.31	32.76	6.31	34.28
AV	7.32068G	17.10	54.00	-36.90	10.12	3	Vertical	360	2.55	-	6.98	36.78	8.14	34.80
PK	4.88052G	61.11	74.00	-12.89	4.79	3	Vertical	278	2.44	-	56.32	32.76	6.31	34.28
PK	7.32068G	59.11	74.00	-14.89	10.12	3	Vertical	360	2.55	-	48.99	36.78	8.14	34.80

BT-LE(1Mbps)

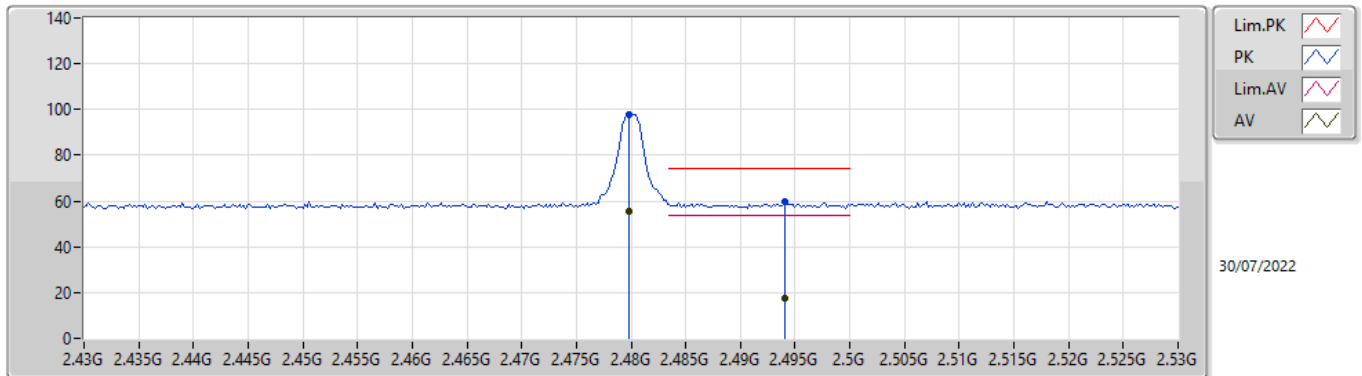
2440MHz_TX



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	4.88056G	9.32	54.00	-44.68	4.79	3	Horizontal	229	1.60	-	4.53	32.76	6.31	34.28
AV	7.31937G	17.06	54.00	-36.94	10.12	3	Horizontal	137	1.10	-	6.94	36.78	8.14	34.80
PK	4.88056G	51.33	74.00	-22.67	4.79	3	Horizontal	229	1.60	-	46.54	32.76	6.31	34.28
PK	7.31937G	59.07	74.00	-14.93	10.12	3	Horizontal	137	1.10	-	48.95	36.78	8.14	34.80

BT-LE(1Mbps)

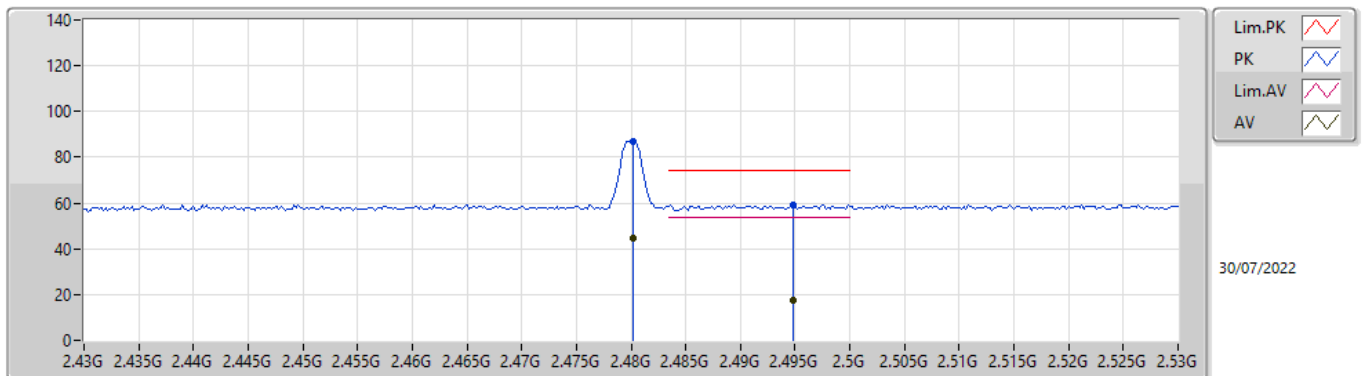
2480MHz_TX



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	2.4798G	55.64	Inf	-Inf	32.28	3	Vertical	97	1.14	-	23.36	27.78	4.50	-
AV	2.494G	17.60	54.00	-36.40	32.38	3	Vertical	97	1.14	-	-14.78	27.86	4.52	-
PK	2.4798G	97.65	Inf	-Inf	32.28	3	Vertical	97	1.14	-	65.37	27.78	4.50	-
PK	2.494G	59.61	74.00	-14.39	32.38	3	Vertical	97	1.14	-	27.23	27.86	4.52	-

BT-LE(1Mbps)

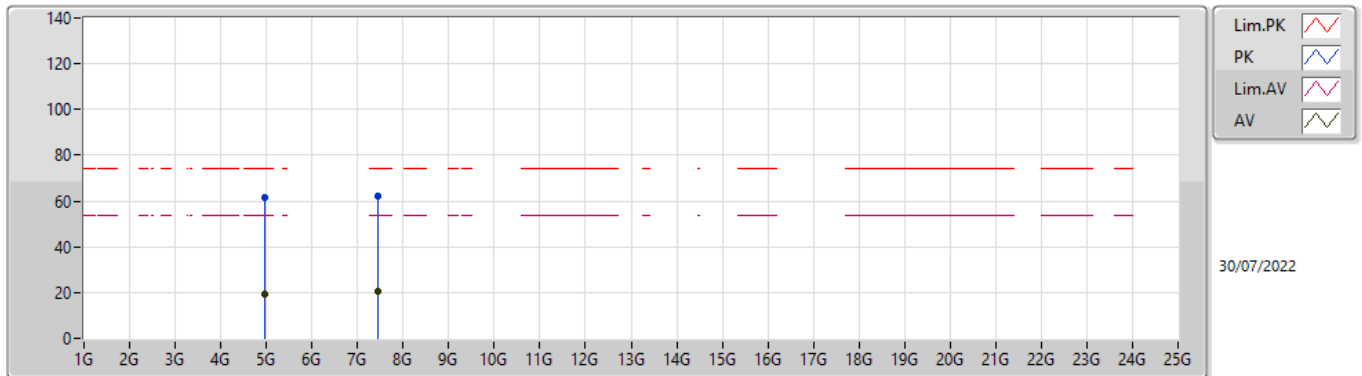
2480MHz_TX



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	2.4802G	44.87	Inf	-Inf	32.28	3	Horizontal	353	2.78	-	12.59	27.78	4.50	-
AV	2.4948G	17.35	54.00	-36.65	32.39	3	Horizontal	353	2.78	-	-15.04	27.87	4.52	-
PK	2.4802G	86.88	Inf	-Inf	32.28	3	Horizontal	353	2.78	-	54.60	27.78	4.50	-
PK	2.4948G	59.36	74.00	-14.64	32.39	3	Horizontal	353	2.78	-	26.97	27.87	4.52	-

BT-LE(1Mbps)

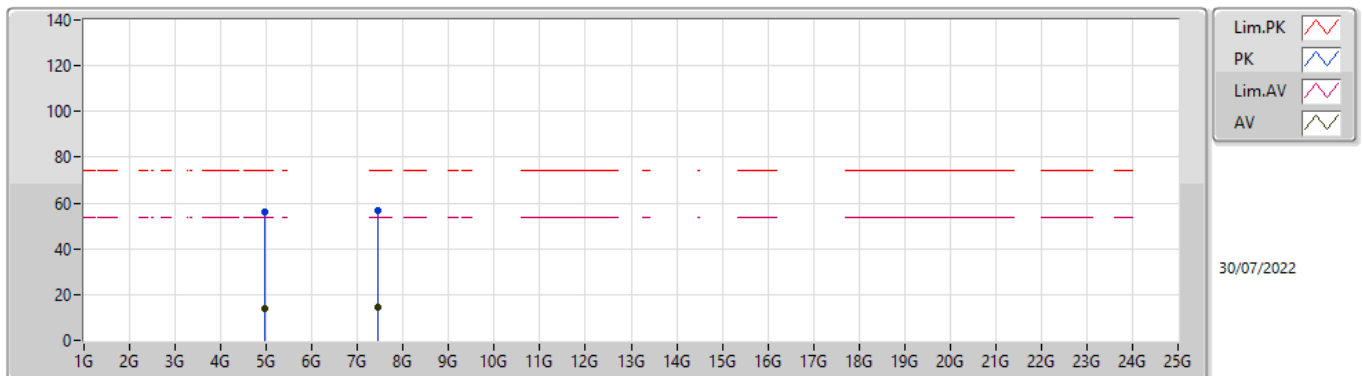
2480MHz_TX



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	4.95992G	19.52	54.00	-34.48	5.23	3	Vertical	308	2.97	-	14.29	33.14	6.36	34.27
AV	7.43993G	20.30	54.00	-33.70	9.95	3	Vertical	257	1.13	-	10.35	36.60	8.17	34.82
PK	4.95992G	61.53	74.00	-12.47	5.23	3	Vertical	308	2.97	-	56.30	33.14	6.36	34.27
PK	7.43993G	62.31	74.00	-11.69	9.95	3	Vertical	257	1.13	-	52.36	36.60	8.17	34.82

BT-LE(1Mbps)

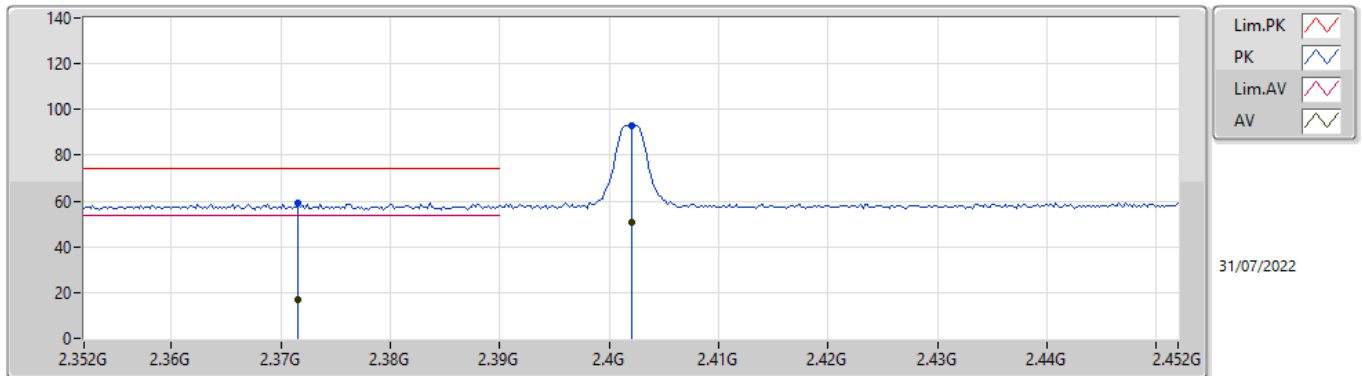
2480MHz_TX



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	4.95989G	13.96	54.00	-40.04	5.23	3	Horizontal	297	1.03	-	8.73	33.14	6.36	34.27
AV	7.44008G	14.43	54.00	-39.57	9.95	3	Horizontal	360	1.62	-	4.48	36.60	8.17	34.82
PK	4.95989G	55.97	74.00	-18.03	5.23	3	Horizontal	297	1.03	-	50.74	33.14	6.36	34.27
PK	7.44008G	56.44	74.00	-17.56	9.95	3	Horizontal	360	1.62	-	46.49	36.60	8.17	34.82

BT-LE(2Mbps)

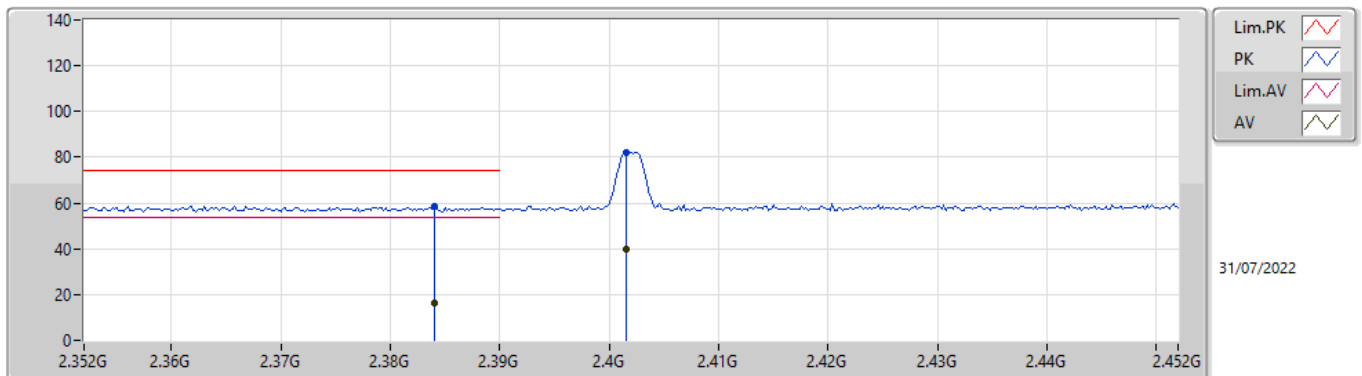
2402MHz_TX



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	2.3716G	17.08	54.00	-36.92	31.83	3	Vertical	119	1.00	-	-14.75	27.34	4.49	-
AV	2.402G	50.82	Inf	-Inf	31.88	3	Vertical	119	1.00	-	18.94	27.41	4.47	-
PK	2.3716G	59.09	74.00	-14.91	31.83	3	Vertical	119	1.00	-	27.26	27.34	4.49	-
PK	2.402G	92.83	Inf	-Inf	31.88	3	Vertical	119	1.00	-	60.95	27.41	4.47	-

BT-LE(2Mbps)

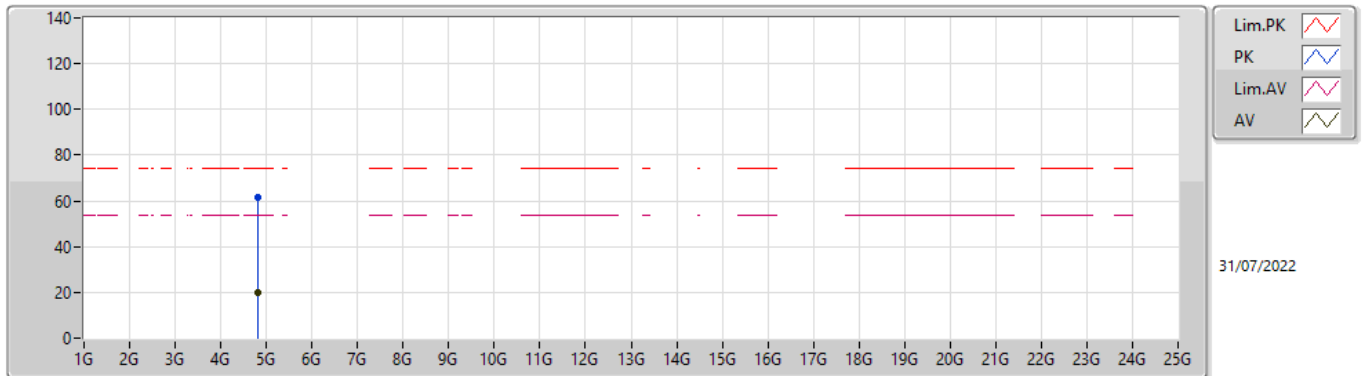
2402MHz_TX



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	2.384G	16.42	54.00	-37.58	31.85	3	Horizontal	0	1.32	-	-15.43	27.37	4.48	-
AV	2.4016G	39.94	Inf	-Inf	31.88	3	Horizontal	0	1.32	-	8.06	27.41	4.47	-
PK	2.384G	58.43	74.00	-15.57	31.85	3	Horizontal	0	1.32	-	26.58	27.37	4.48	-
PK	2.4016G	81.95	Inf	-Inf	31.88	3	Horizontal	0	1.32	-	50.07	27.41	4.47	-

BT-LE(2Mbps)

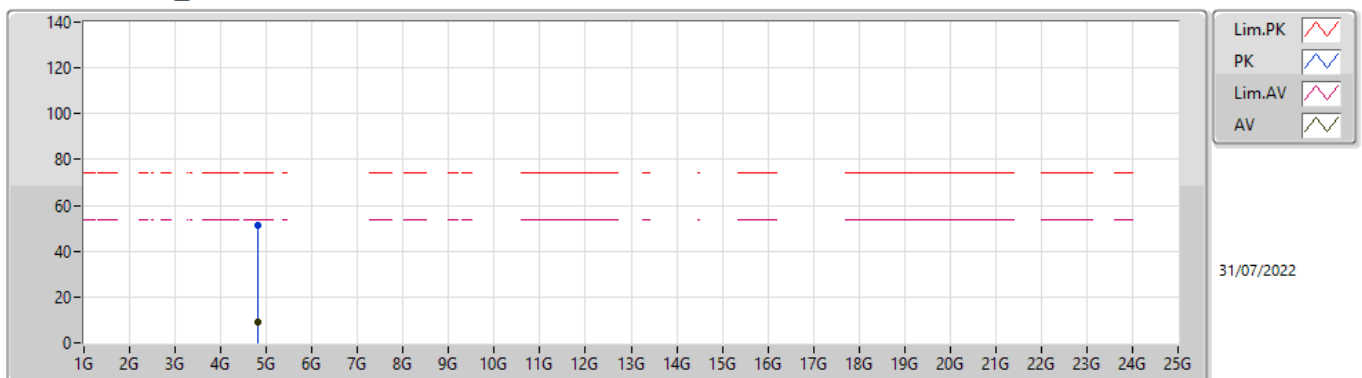
2402MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.80394G	19.78	54.00	-34.22	5.13	3	Vertical	259	3.00	-	14.65	32.52	6.90	34.29
PK	4.80394G	61.79	74.00	-12.21	5.13	3	Vertical	259	3.00	-	56.66	32.52	6.90	34.29

BT-LE(2Mbps)

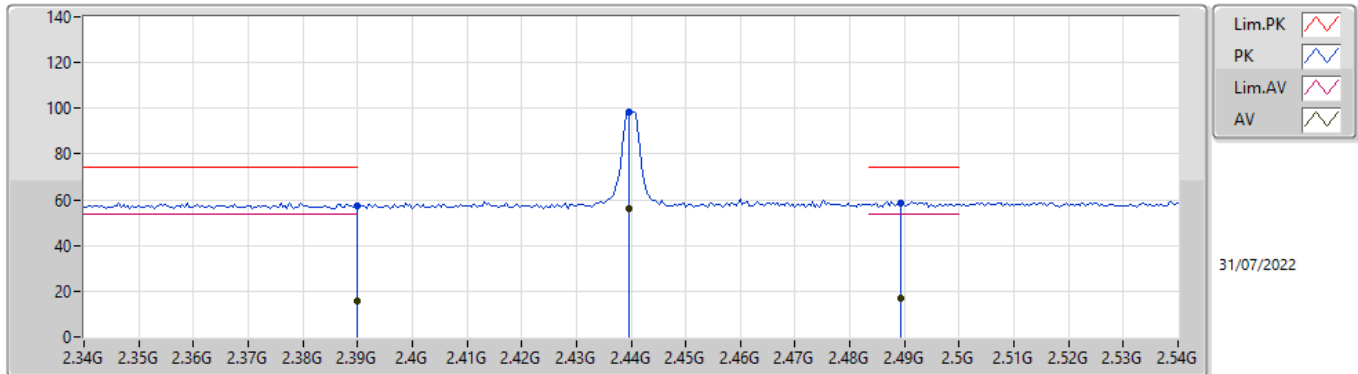
2402MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.80493G	9.02	54.00	-44.98	5.13	3	Horizontal	330	2.10	-	3.89	32.52	6.90	34.29
PK	4.80493G	51.03	74.00	-22.97	5.13	3	Horizontal	330	2.10	-	45.90	32.52	6.90	34.29

BT-LE(2Mbps)

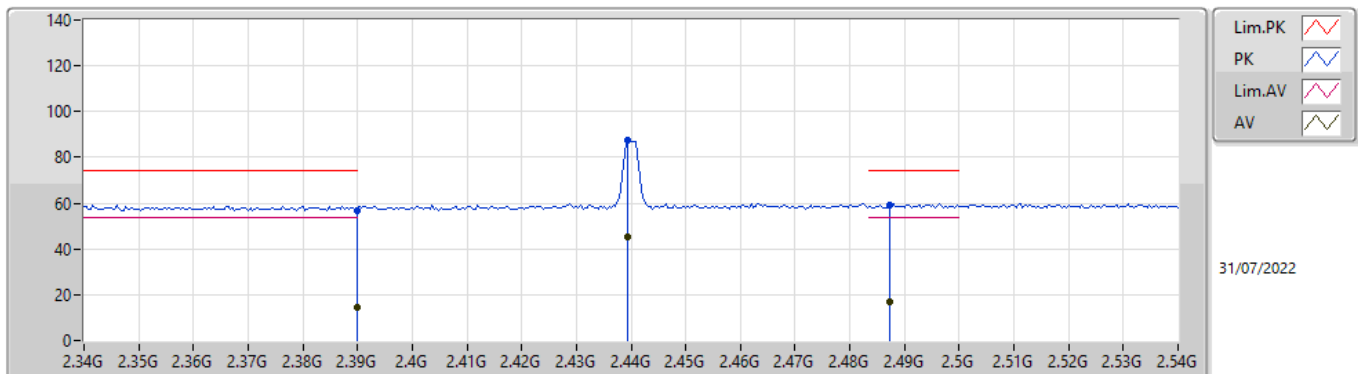
2440MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	15.49	54.00	-38.51	31.86	3	Vertical	120	1.00	-	-16.37	27.38	4.48	-
AV	2.4396G	56.16	Inf	-Inf	32.04	3	Vertical	120	1.00	-	24.12	27.56	4.48	-
AV	2.4894G	16.69	54.00	-37.31	32.32	3	Vertical	120	1.00	-	-15.63	27.84	4.48	-
PK	2.39G	57.50	74.00	-16.50	31.86	3	Vertical	120	1.00	-	25.64	27.38	4.48	-
PK	2.4396G	98.17	Inf	-Inf	32.04	3	Vertical	120	1.00	-	66.13	27.56	4.48	-
PK	2.4894G	58.70	74.00	-15.30	32.32	3	Vertical	120	1.00	-	26.38	27.84	4.48	-

BT-LE(2Mbps)

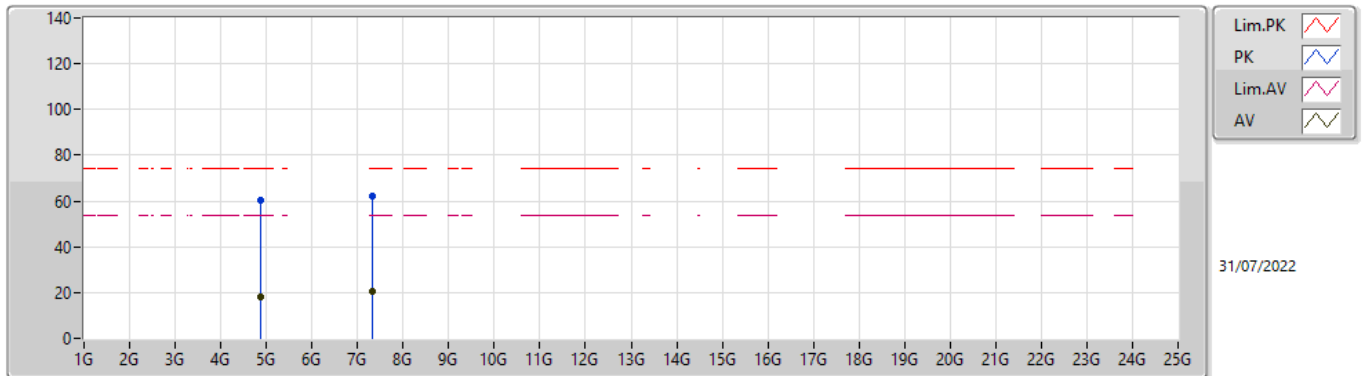
2440MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	14.72	54.00	-39.28	31.86	3	Horizontal	0	1.33	-	-17.14	27.38	4.48	-
AV	2.4394G	45.24	Inf	-Inf	32.04	3	Horizontal	0	1.33	-	13.20	27.56	4.48	-
AV	2.4872G	17.09	54.00	-36.91	32.30	3	Horizontal	0	1.33	-	-15.21	27.82	4.48	-
PK	2.39G	56.73	74.00	-17.27	31.86	3	Horizontal	0	1.33	-	24.87	27.38	4.48	-
PK	2.4394G	87.25	Inf	-Inf	32.04	3	Horizontal	0	1.33	-	55.21	27.56	4.48	-
PK	2.4872G	59.10	74.00	-14.90	32.30	3	Horizontal	0	1.33	-	26.80	27.82	4.48	-

BT-LE(2Mbps)

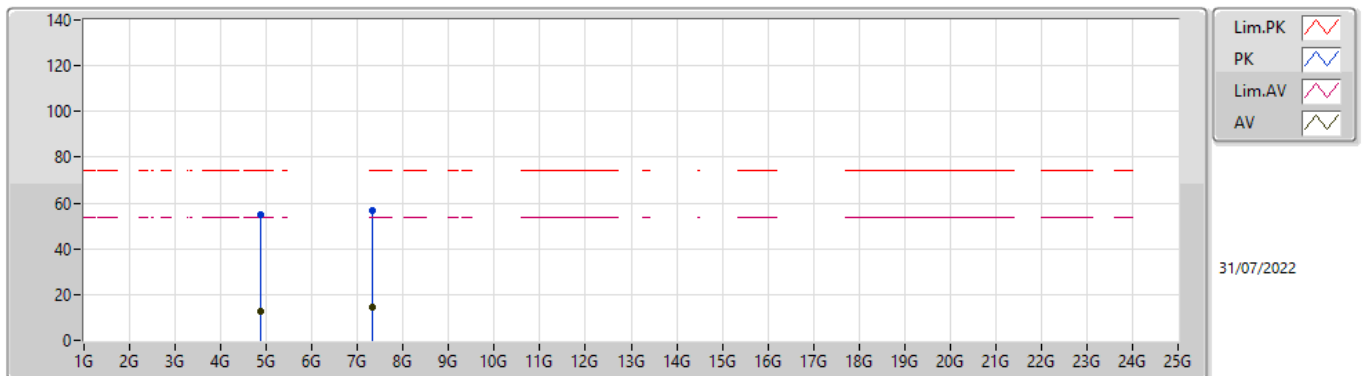
2440MHz_TX



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	4.88099G	18.14	54.00	-35.86	5.38	3	Vertical	319	2.90	-	12.76	32.76	6.90	34.28
AV	7.31851G	20.35	54.00	-33.65	10.51	3	Vertical	269	1.00	-	9.84	36.77	8.54	34.80
PK	4.88099G	60.15	74.00	-13.85	5.38	3	Vertical	319	2.90	-	54.77	32.76	6.90	34.28
PK	7.31851G	62.36	74.00	-11.64	10.51	3	Vertical	269	1.00	-	51.85	36.77	8.54	34.80

BT-LE(2Mbps)

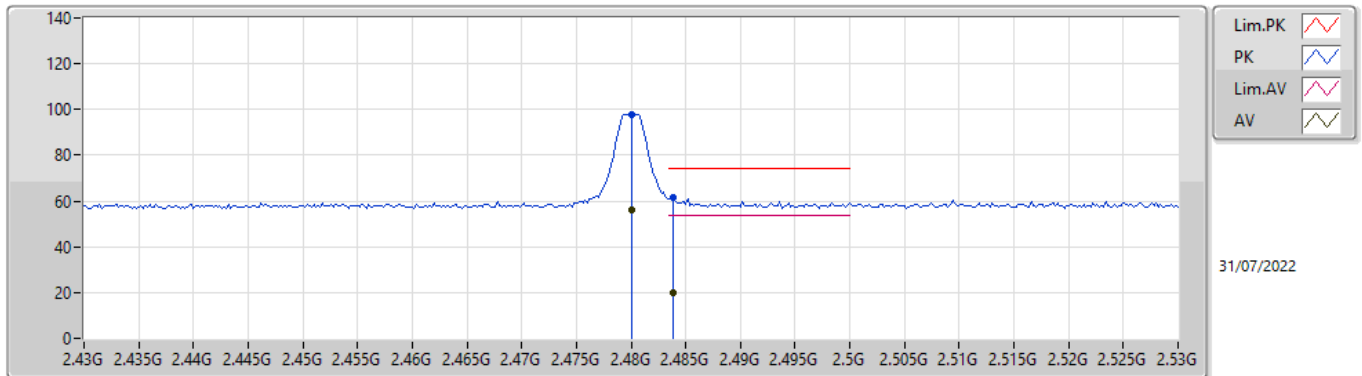
2440MHz_TX



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	4.87988G	12.72	54.00	-41.28	5.38	3	Horizontal	81	1.03	-	7.34	32.76	6.90	34.28
AV	7.31988G	14.76	54.00	-39.24	10.52	3	Horizontal	0	1.80	-	4.24	36.78	8.54	34.80
PK	4.87988G	54.73	74.00	-19.27	5.38	3	Horizontal	81	1.03	-	49.35	32.76	6.90	34.28
PK	7.31988G	56.77	74.00	-17.23	10.52	3	Horizontal	0	1.80	-	46.25	36.78	8.54	34.80

BT-LE(2Mbps)

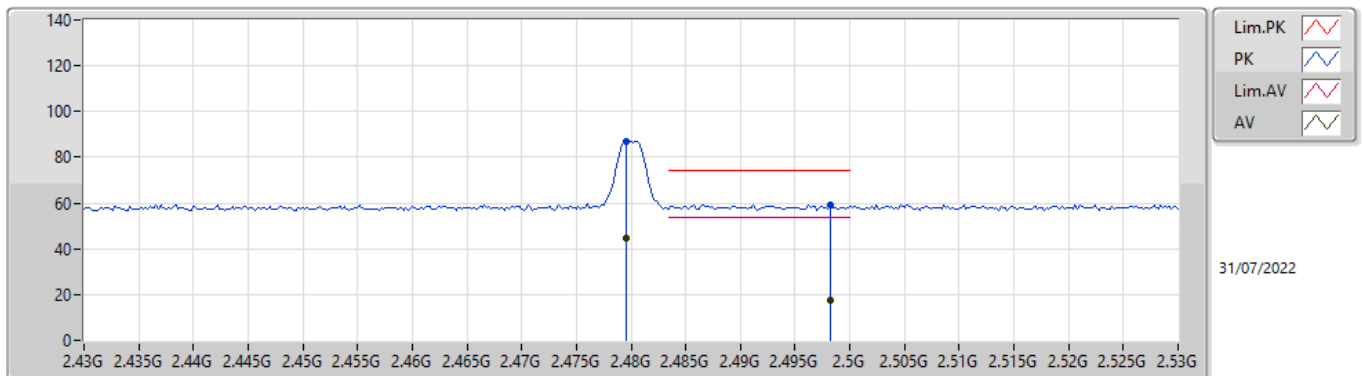
2480MHz_TX



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	55.83	Inf	-Inf	32.26	3	Vertical	99	1.11	-	23.57	27.78	4.48	-
AV	2.4838G	19.66	54.00	-34.34	32.28	3	Vertical	99	1.11	-	-12.62	27.80	4.48	-
PK	2.48G	97.84	Inf	-Inf	32.26	3	Vertical	99	1.11	-	65.58	27.78	4.48	-
PK	2.4838G	61.67	74.00	-12.33	32.28	3	Vertical	99	1.11	-	29.39	27.80	4.48	-

BT-LE(2Mbps)

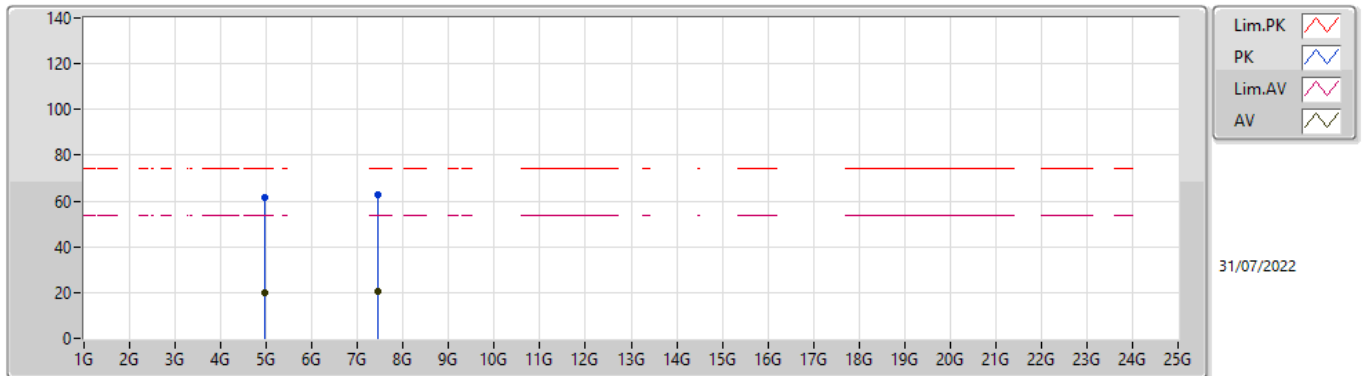
2480MHz_TX



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	2.4796G	44.78	Inf	-Inf	32.26	3	Horizontal	0	2.78	-	12.52	27.78	4.48	-
AV	2.4982G	17.26	54.00	-36.74	32.37	3	Horizontal	0	2.78	-	-15.11	27.89	4.48	-
PK	2.4796G	86.79	Inf	-Inf	32.26	3	Horizontal	0	2.78	-	54.53	27.78	4.48	-
PK	2.4982G	59.32	74.00	-14.68	32.37	3	Horizontal	0	2.78	-	26.95	27.89	4.48	-

BT-LE(2Mbps)

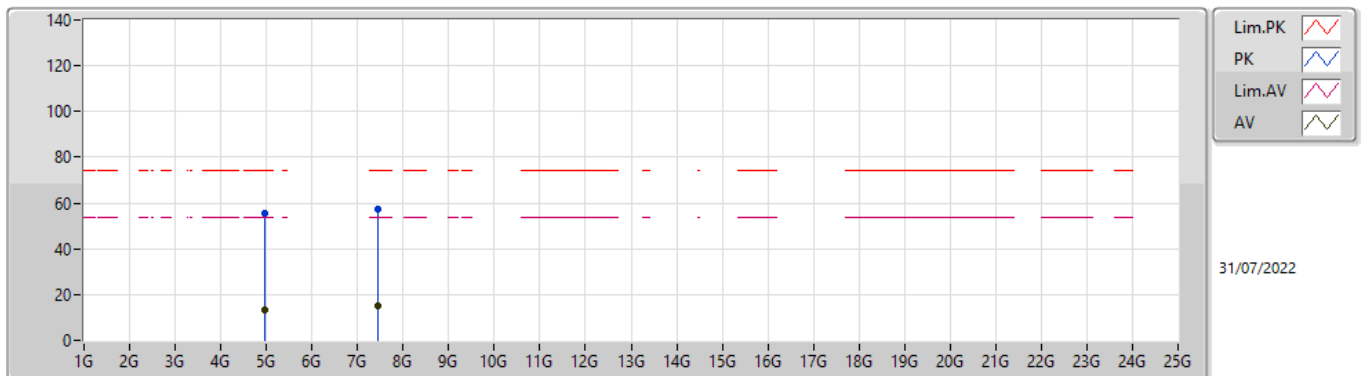
2480MHz_TX



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	4.95992G	19.83	54.00	-34.17	5.78	3	Vertical	292	2.98	-	14.05	33.14	6.91	34.27
AV	7.44161G	20.57	54.00	-33.43	10.43	3	Vertical	265	1.14	-	10.14	36.60	8.65	34.82
PK	4.95992G	61.84	74.00	-12.16	5.78	3	Vertical	292	2.98	-	56.06	33.14	6.91	34.27
PK	7.44161G	62.58	74.00	-11.42	10.43	3	Vertical	265	1.14	-	52.15	36.60	8.65	34.82

BT-LE(2Mbps)

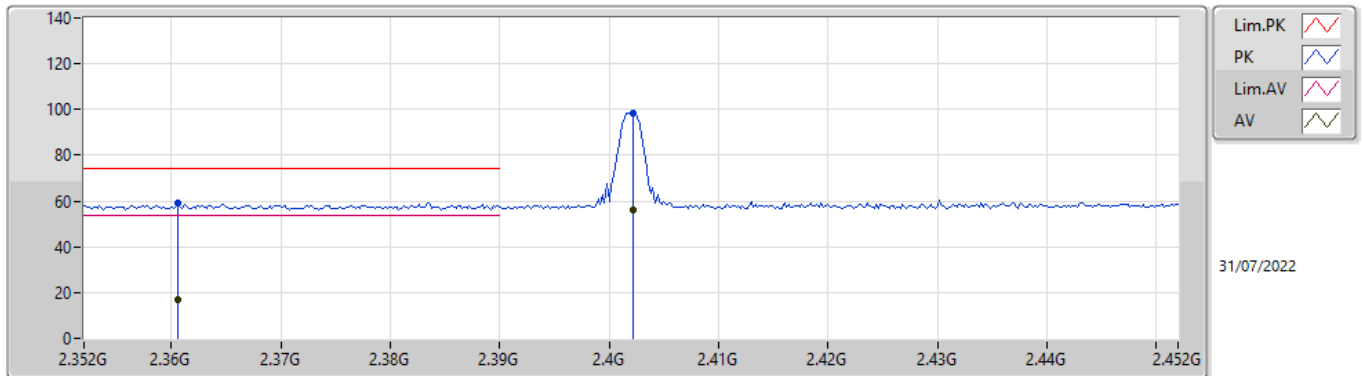
2480MHz_TX



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	4.96007G	13.31	54.00	-40.69	5.78	3	Horizontal	305	1.10	-	7.53	33.14	6.91	34.27
AV	7.43996G	15.35	54.00	-38.65	10.43	3	Horizontal	158	1.34	-	4.92	36.60	8.65	34.82
PK	4.96007G	55.32	74.00	-18.68	5.78	3	Horizontal	305	1.10	-	49.54	33.14	6.91	34.27
PK	7.43996G	57.36	74.00	-16.64	10.43	3	Horizontal	158	1.34	-	46.93	36.60	8.65	34.82

BT-LE(125kbps)

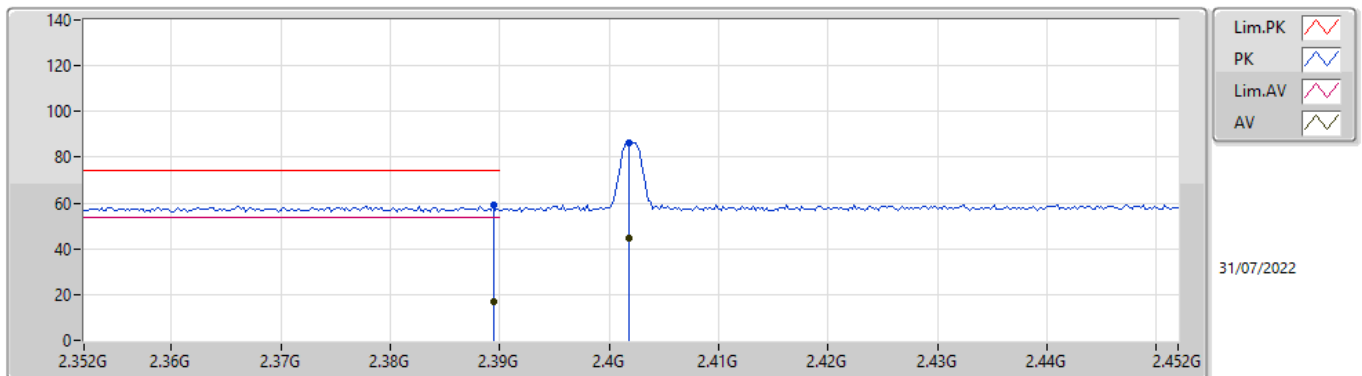
2402MHz_TX



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	2.3606G	16.93	54.00	-37.07	31.81	3	Vertical	118	1.00	-	-14.88	27.32	4.49	-
AV	2.4022G	56.18	Inf	-Inf	31.88	3	Vertical	118	1.00	-	24.30	27.41	4.47	-
PK	2.3606G	58.94	74.00	-15.06	31.81	3	Vertical	118	1.00	-	27.13	27.32	4.49	-
PK	2.4022G	98.19	Inf	-Inf	31.88	3	Vertical	118	1.00	-	66.31	27.41	4.47	-

BT-LE(125kbps)

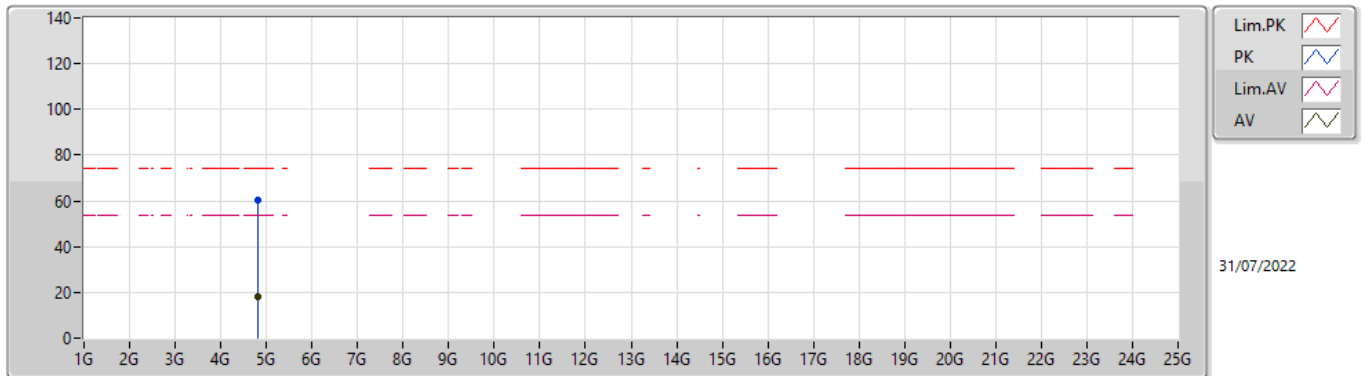
2402MHz_TX



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	2.3894G	16.94	54.00	-37.06	31.86	3	Horizontal	0	2.60	-	-14.92	27.38	4.48	-
AV	2.4018G	44.42	Inf	-Inf	31.88	3	Horizontal	0	2.60	-	12.54	27.41	4.47	-
PK	2.3894G	58.95	74.00	-15.05	31.86	3	Horizontal	0	2.60	-	27.09	27.38	4.48	-
PK	2.4018G	86.43	Inf	-Inf	31.88	3	Horizontal	0	2.60	-	54.55	27.41	4.47	-

BT-LE(125kbps)

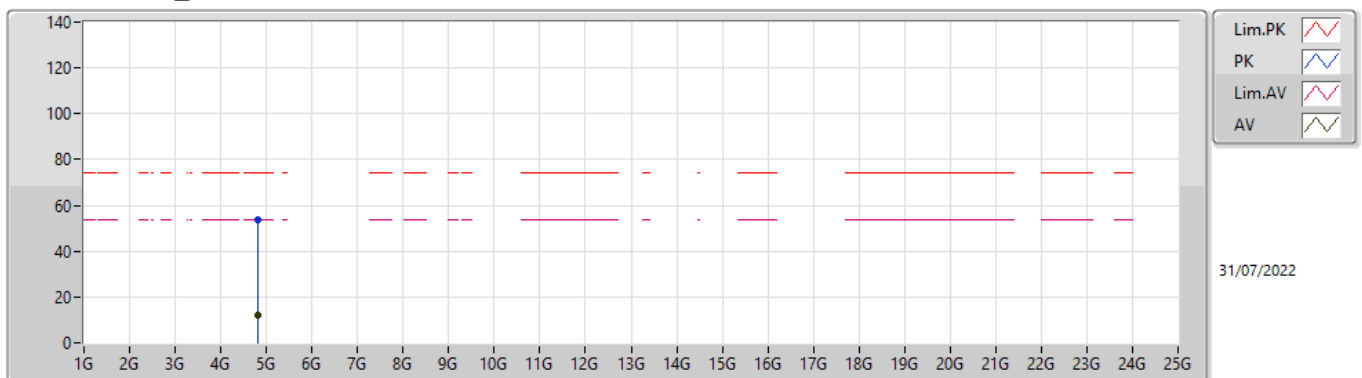
2402MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.80448G	18.08	54.00	-35.92	4.49	3	Vertical	0	1.01	-	13.59	32.52	6.26	34.29
PK	4.80448G	60.09	74.00	-13.91	4.49	3	Vertical	0	1.01	-	55.60	32.52	6.26	34.29

BT-LE(125kbps)

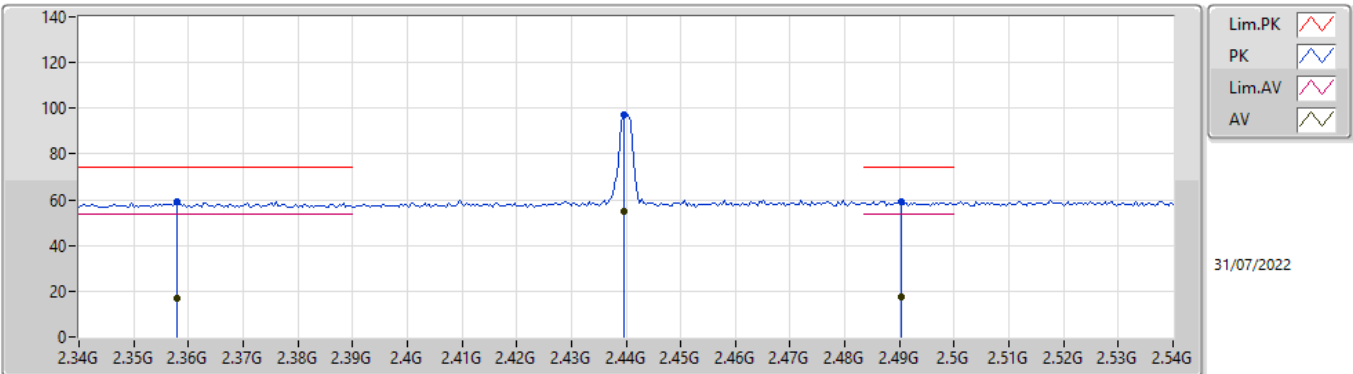
2402MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.80358G	11.82	54.00	-42.18	4.48	3	Horizontal	73	1.08	-	7.34	32.51	6.26	34.29
PK	4.80358G	53.83	74.00	-20.17	4.48	3	Horizontal	73	1.08	-	49.35	32.51	6.26	34.29

BT-LE(125kbps)

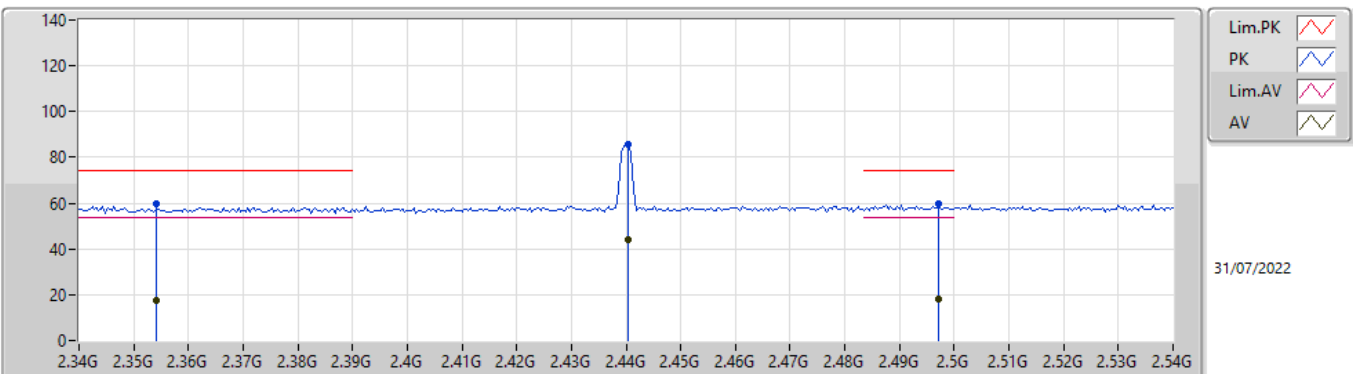
2440MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.358G	16.96	54.00	-37.04	31.82	3	Vertical	88	1.22	-	-14.86	27.32	4.50	-
AV	2.4396G	55.20	Inf	-Inf	32.04	3	Vertical	88	1.22	-	23.16	27.56	4.48	-
AV	2.4904G	17.23	54.00	-36.77	32.32	3	Vertical	88	1.22	-	-15.09	27.84	4.48	-
PK	2.358G	58.97	74.00	-15.03	31.82	3	Vertical	88	1.22	-	27.15	27.32	4.50	-
PK	2.4396G	97.21	Inf	-Inf	32.04	3	Vertical	88	1.22	-	65.17	27.56	4.48	-
PK	2.4904G	59.24	74.00	-14.76	32.32	3	Vertical	88	1.22	-	26.92	27.84	4.48	-

BT-LE(125kbps)

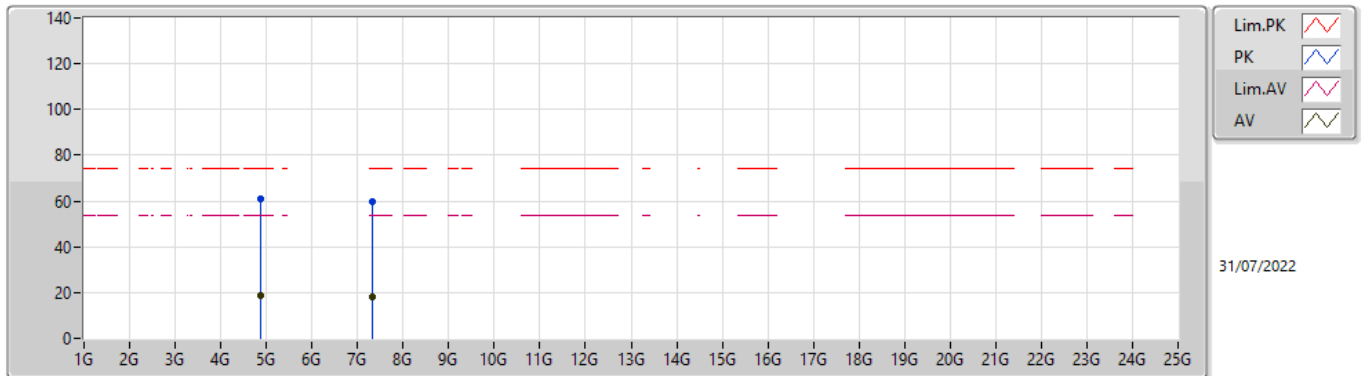
2440MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.354G	17.45	54.00	-36.55	31.81	3	Horizontal	357	1.53	-	-14.36	27.31	4.50	-
AV	2.4404G	43.80	Inf	-Inf	32.04	3	Horizontal	357	1.53	-	11.76	27.56	4.48	-
AV	2.4972G	17.88	54.00	-36.12	32.36	3	Horizontal	357	1.53	-	-14.48	27.88	4.48	-
PK	2.354G	59.46	74.00	-14.54	31.81	3	Horizontal	357	1.53	-	27.65	27.31	4.50	-
PK	2.4404G	85.81	Inf	-Inf	32.04	3	Horizontal	357	1.53	-	53.77	27.56	4.48	-
PK	2.4972G	59.89	74.00	-14.11	32.36	3	Horizontal	357	1.53	-	27.53	27.88	4.48	-

BT-LE(125kbps)

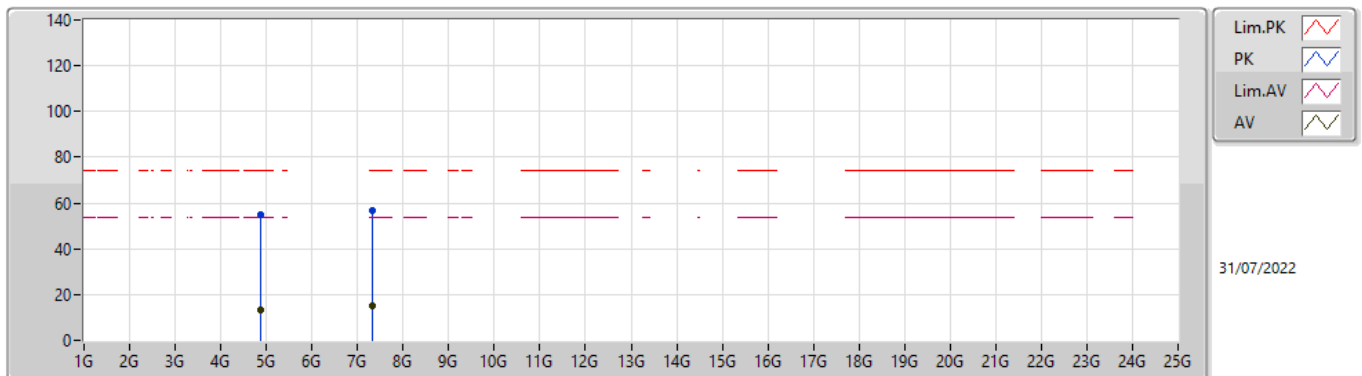
2440MHz_TX



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	4.88057G	18.72	54.00	-35.28	5.38	3	Vertical	319	2.98	-	13.34	32.76	6.90	34.28
AV	7.31922G	17.96	54.00	-36.04	10.52	3	Vertical	249	2.54	-	7.44	36.78	8.54	34.80
PK	4.88057G	60.73	74.00	-13.27	5.38	3	Vertical	319	2.98	-	55.35	32.76	6.90	34.28
PK	7.31922G	59.97	74.00	-14.03	10.52	3	Vertical	249	2.54	-	49.45	36.78	8.54	34.80

BT-LE(125kbps)

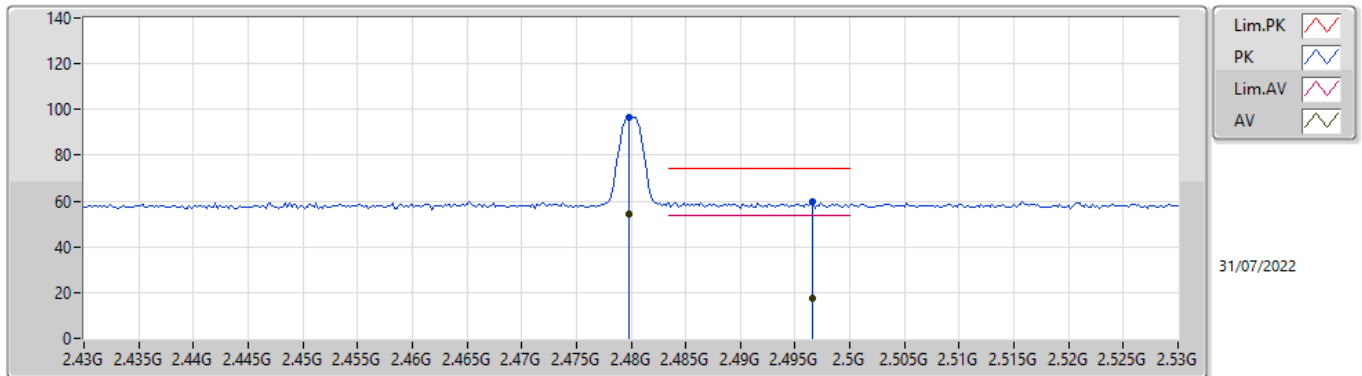
2440MHz_TX



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	4.87958G	13.09	54.00	-40.91	5.38	3	Horizontal	67	1.19	-	7.71	32.76	6.90	34.28
AV	7.32068G	14.80	54.00	-39.20	10.52	3	Horizontal	0	1.19	-	4.28	36.78	8.54	34.80
PK	4.87958G	55.10	74.00	-18.90	5.38	3	Horizontal	67	1.19	-	49.72	32.76	6.90	34.28
PK	7.32068G	56.81	74.00	-17.19	10.52	3	Horizontal	0	1.19	-	46.29	36.78	8.54	34.80

BT-LE(125kbps)

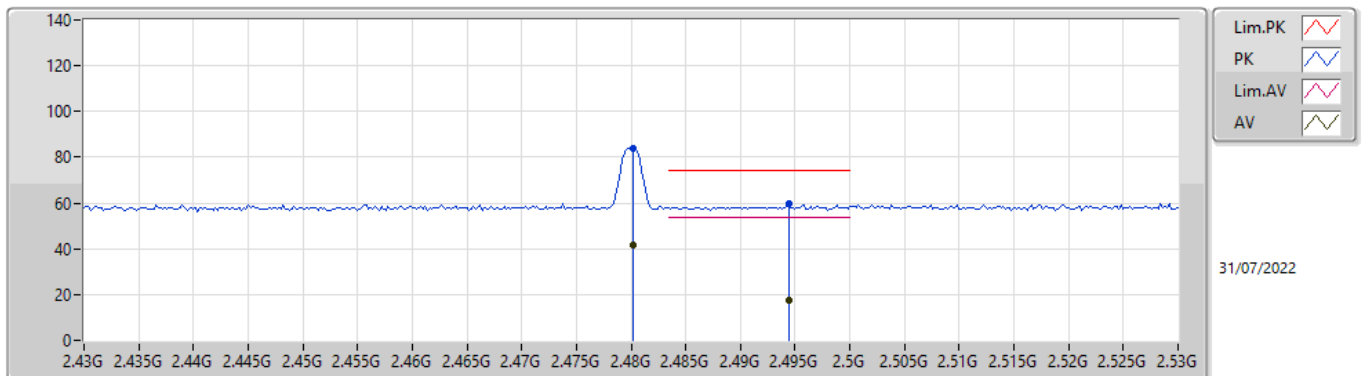
2480MHz_TX



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	2.4798G	54.37	Inf	-Inf	32.26	3	Vertical	96	1.04	-	22.11	27.78	4.48	-
AV	2.4966G	17.45	54.00	-36.55	32.36	3	Vertical	96	1.04	-	-14.91	27.88	4.48	-
PK	2.4798G	96.38	Inf	-Inf	32.26	3	Vertical	96	1.04	-	64.12	27.78	4.48	-
PK	2.4966G	59.46	74.00	-14.54	32.36	3	Vertical	96	1.04	-	27.10	27.88	4.48	-

BT-LE(125kbps)

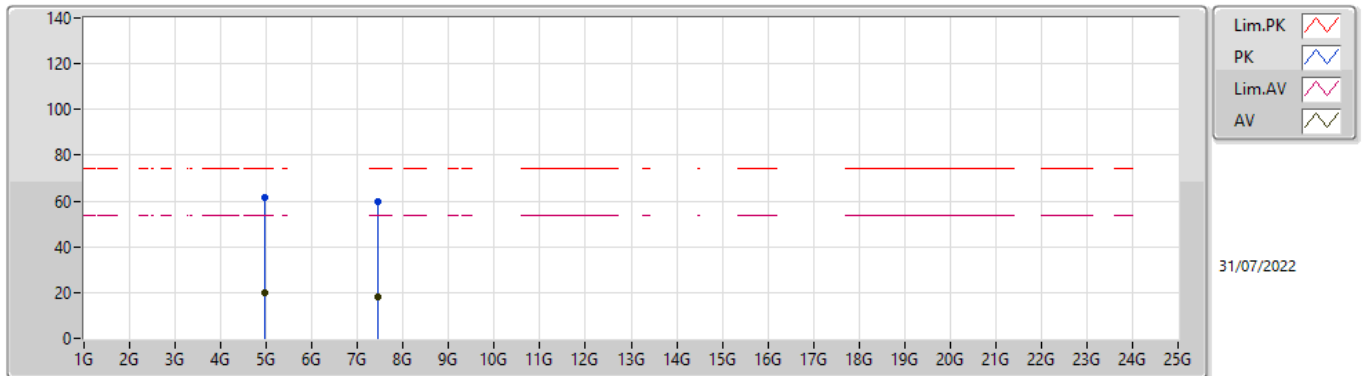
2480MHz_TX



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	2.4802G	41.72	Inf	-Inf	32.26	3	Horizontal	3	1.53	-	9.46	27.78	4.48	-
AV	2.4944G	17.63	54.00	-36.37	32.35	3	Horizontal	3	1.53	-	-14.72	27.87	4.48	-
PK	2.4802G	83.73	Inf	-Inf	32.26	3	Horizontal	3	1.53	-	51.47	27.78	4.48	-
PK	2.4944G	59.64	74.00	-14.36	32.35	3	Horizontal	3	1.53	-	27.29	27.87	4.48	-

BT-LE(125kbps)

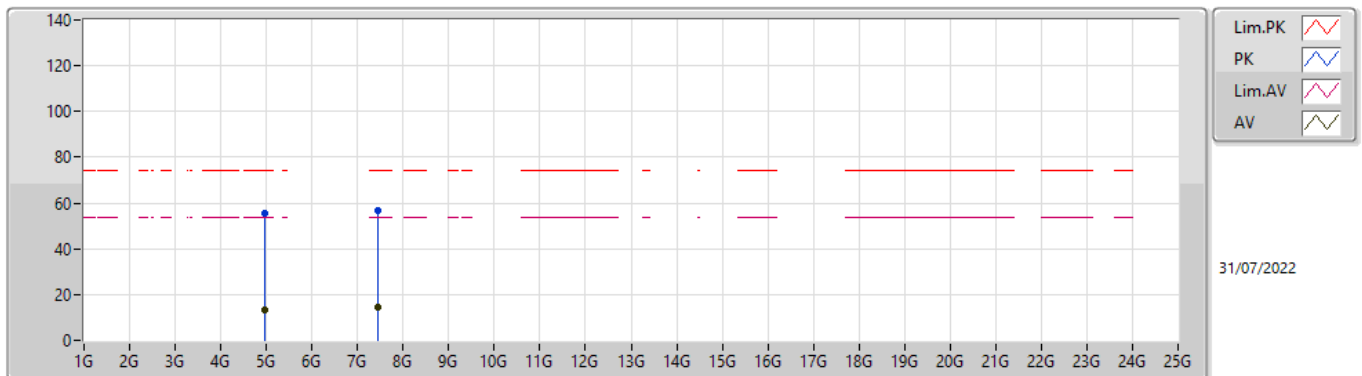
2480MHz_TX



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	4.96002G	19.75	54.00	-34.25	5.78	3	Vertical	287	2.96	-	13.97	33.14	6.91	34.27
AV	7.44068G	17.97	54.00	-36.03	10.43	3	Vertical	260	2.88	-	7.54	36.60	8.65	34.82
PK	4.96002G	61.76	74.00	-12.24	5.78	3	Vertical	287	2.96	-	55.98	33.14	6.91	34.27
PK	7.44068G	59.98	74.00	-14.02	10.43	3	Vertical	260	2.88	-	49.55	36.60	8.65	34.82

BT-LE(125kbps)

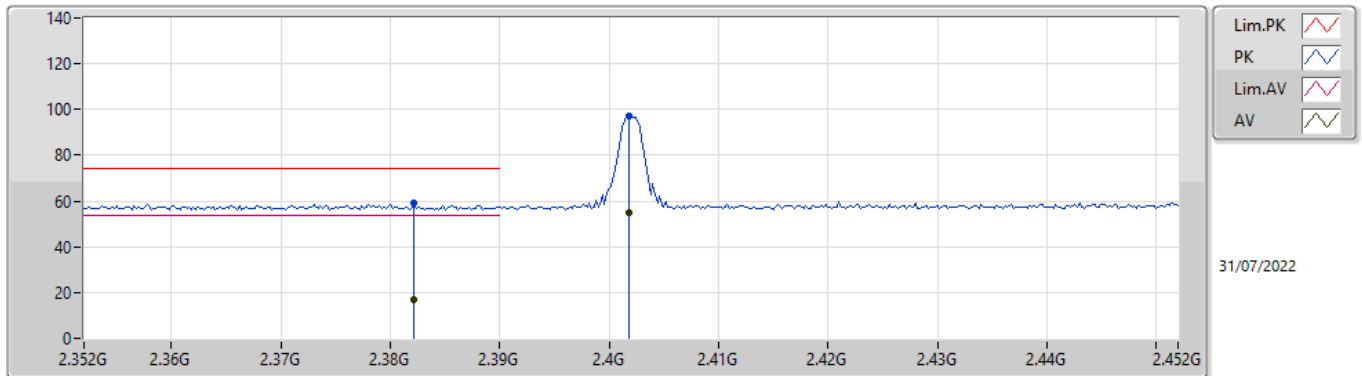
2480MHz_TX



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	4.95942G	13.47	54.00	-40.53	5.78	3	Horizontal	167	3.00	-	7.69	33.14	6.91	34.27
AV	7.44071G	14.67	54.00	-39.33	10.43	3	Horizontal	35	1.13	-	4.24	36.60	8.65	34.82
PK	4.95942G	55.48	74.00	-18.52	5.78	3	Horizontal	167	3.00	-	49.70	33.14	6.91	34.27
PK	7.44071G	56.68	74.00	-17.32	10.43	3	Horizontal	35	1.13	-	46.25	36.60	8.65	34.82

BT-LE(500kbps)

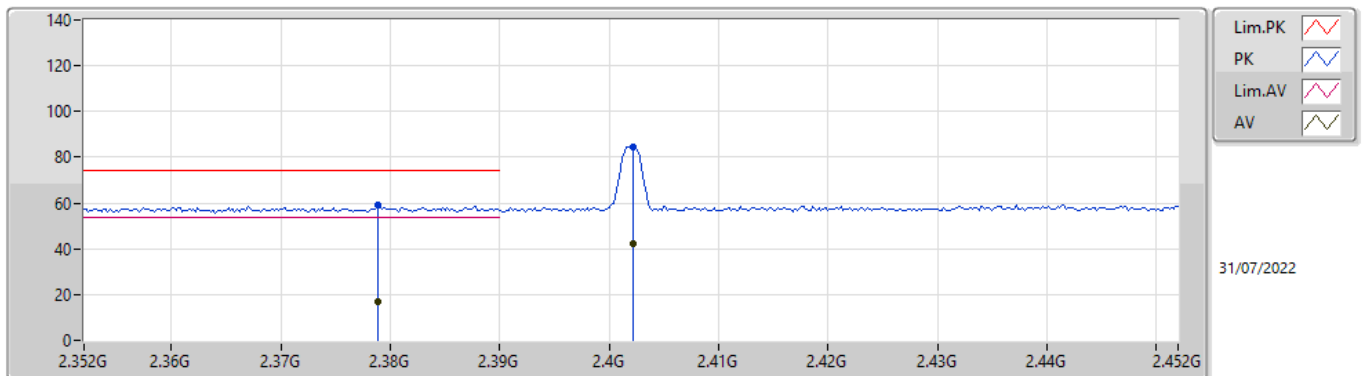
2402MHz_TX



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	2.3822G	16.97	54.00	-37.03	31.84	3	Vertical	118	1.01	-	-14.87	27.36	4.48	-
AV	2.4018G	54.89	Inf	-Inf	31.88	3	Vertical	118	1.01	-	23.01	27.41	4.47	-
PK	2.3822G	58.98	74.00	-15.02	31.84	3	Vertical	118	1.01	-	27.14	27.36	4.48	-
PK	2.4018G	96.90	Inf	-Inf	31.88	3	Vertical	118	1.01	-	65.02	27.41	4.47	-

BT-LE(500kbps)

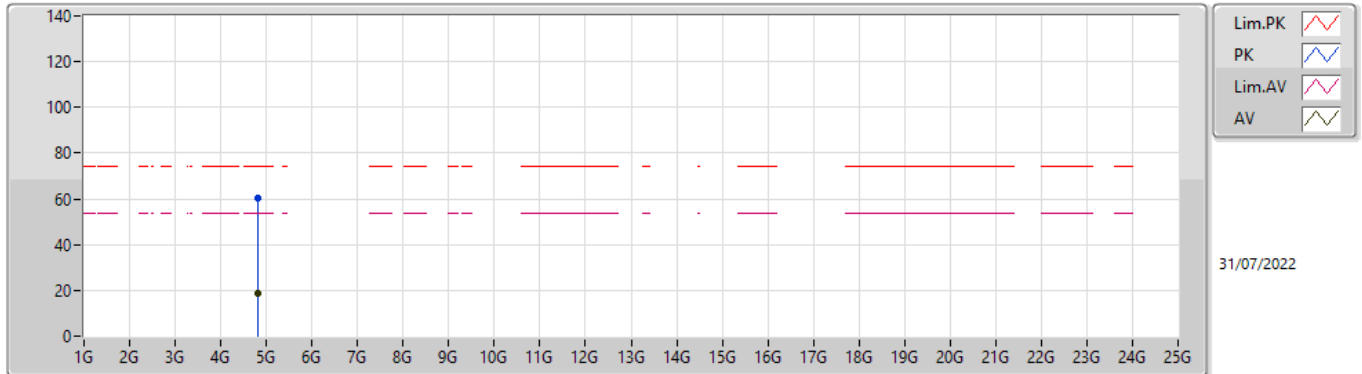
2402MHz_TX



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	2.3788G	17.15	54.00	-36.85	31.84	3	Horizontal	0	1.34	-	-14.69	27.36	4.48	-
AV	2.4022G	42.45	Inf	-Inf	31.88	3	Horizontal	0	1.34	-	10.57	27.41	4.47	-
PK	2.3788G	59.16	74.00	-14.84	31.84	3	Horizontal	0	1.34	-	27.32	27.36	4.48	-
PK	2.4022G	84.46	Inf	-Inf	31.88	3	Horizontal	0	1.34	-	52.58	27.41	4.47	-

BT-LE(500kbps)

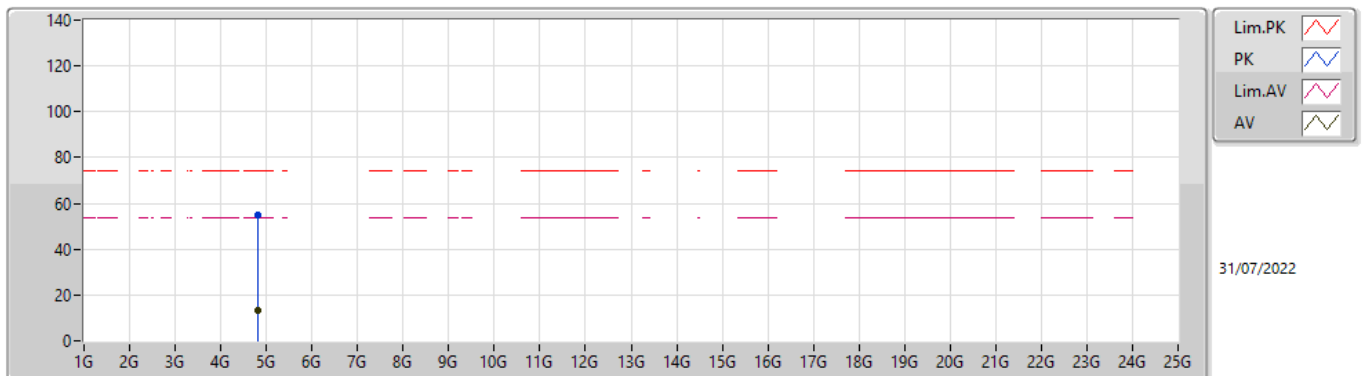
2402MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.80452G	18.50	54.00	-35.50	5.13	3	Vertical	67	1.00	-	13.37	32.52	6.90	34.29
PK	4.80452G	60.51	74.00	-13.49	5.13	3	Vertical	67	1.00	-	55.38	32.52	6.90	34.29

BT-LE(500kbps)

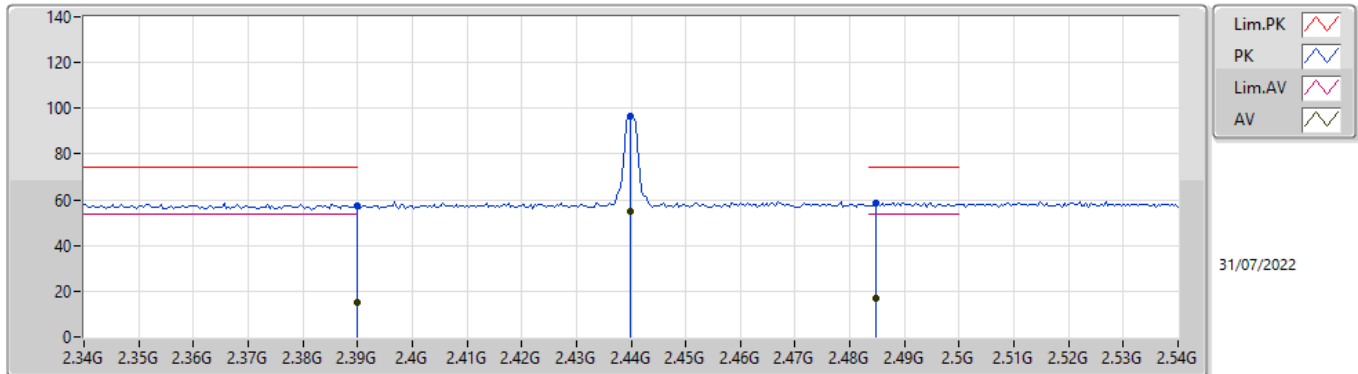
2402MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.8044G	13.13	54.00	-40.87	5.13	3	Horizontal	68	1.10	-	8.00	32.52	6.90	34.29
PK	4.8044G	55.14	74.00	-18.86	5.13	3	Horizontal	68	1.10	-	50.01	32.52	6.90	34.29

BT-LE(500kbps)

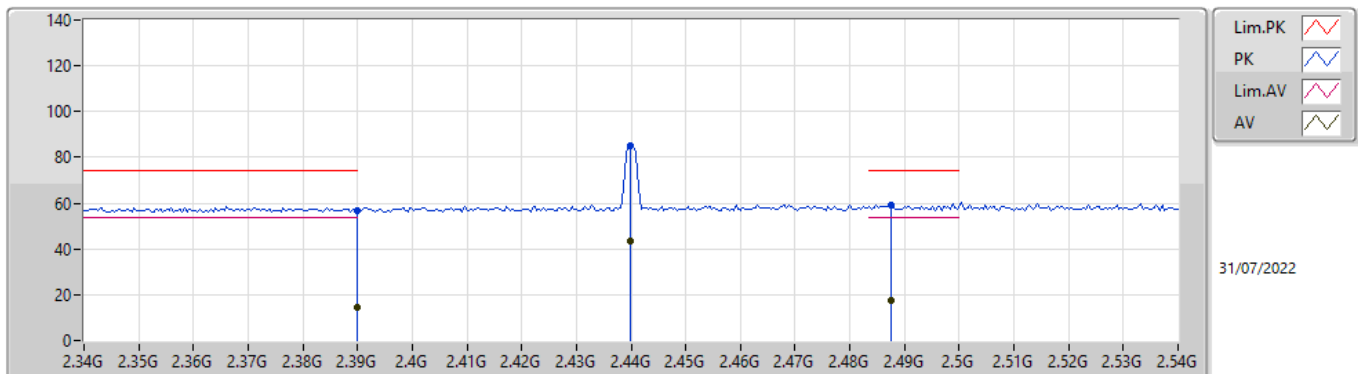
2440MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	15.19	54.00	-38.81	31.86	3	Vertical	88	1.21	-	-16.67	27.38	4.48	-
AV	2.4398G	54.79	Inf	-Inf	32.04	3	Vertical	88	1.21	-	22.75	27.56	4.48	-
AV	2.4848G	16.81	54.00	-37.19	32.29	3	Vertical	88	1.21	-	-15.48	27.81	4.48	-
PK	2.39G	57.20	74.00	-16.80	31.86	3	Vertical	88	1.21	-	25.34	27.38	4.48	-
PK	2.4398G	96.80	Inf	-Inf	32.04	3	Vertical	88	1.21	-	64.76	27.56	4.48	-
PK	2.4848G	58.82	74.00	-15.18	32.29	3	Vertical	88	1.21	-	26.53	27.81	4.48	-

BT-LE(500kbps)

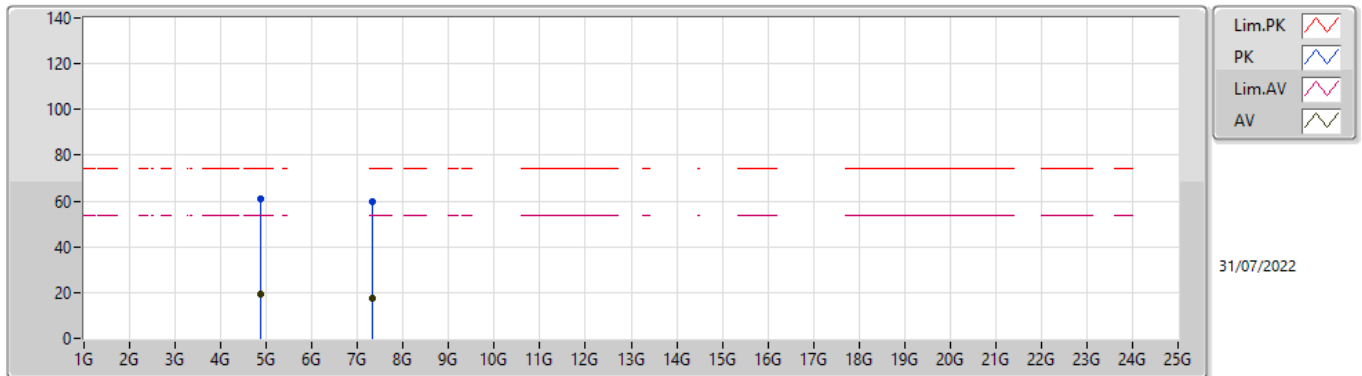
2440MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	14.64	54.00	-39.36	31.86	3	Horizontal	0	1.32	-	-17.22	27.38	4.48	-
AV	2.4398G	43.29	Inf	-Inf	32.04	3	Horizontal	0	1.32	-	11.25	27.56	4.48	-
AV	2.4876G	17.23	54.00	-36.77	32.31	3	Horizontal	0	1.32	-	-15.08	27.83	4.48	-
PK	2.39G	56.65	74.00	-17.35	31.86	3	Horizontal	0	1.32	-	24.79	27.38	4.48	-
PK	2.4398G	85.30	Inf	-Inf	32.04	3	Horizontal	0	1.32	-	53.26	27.56	4.48	-
PK	2.4876G	59.24	74.00	-14.76	32.31	3	Horizontal	0	1.32	-	26.93	27.83	4.48	-

BT-LE(500kbps)

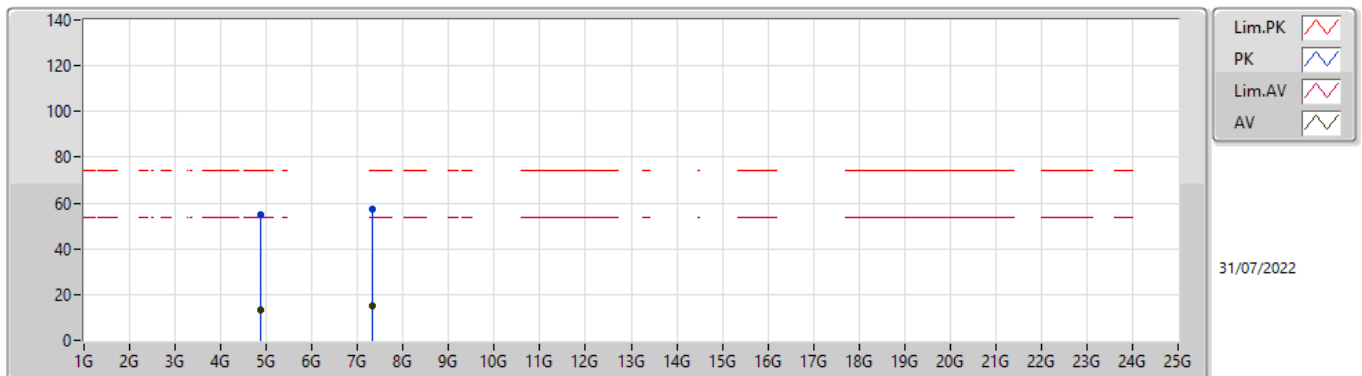
2440MHz_TX



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	4.88055G	19.02	54.00	-34.98	5.38	3	Vertical	320	2.97	-	13.64	32.76	6.90	34.28
AV	7.32076G	17.48	54.00	-36.52	10.52	3	Vertical	259	2.97	-	6.96	36.78	8.54	34.80
PK	4.88055G	61.03	74.00	-12.97	5.38	3	Vertical	320	2.97	-	55.65	32.76	6.90	34.28
PK	7.32076G	59.49	74.00	-14.51	10.52	3	Vertical	259	2.97	-	48.97	36.78	8.54	34.80

BT-LE(500kbps)

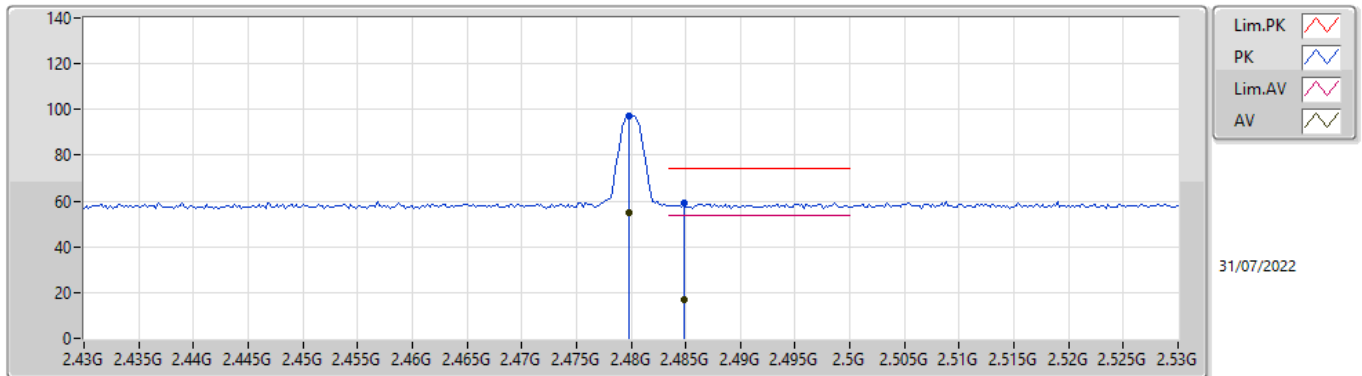
2440MHz_TX



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	4.87962G	13.09	54.00	-40.91	5.38	3	Horizontal	68	1.03	-	7.71	32.76	6.90	34.28
AV	7.31927G	15.05	54.00	-38.95	10.52	3	Horizontal	246	1.19	-	4.53	36.78	8.54	34.80
PK	4.87962G	55.10	74.00	-18.90	5.38	3	Horizontal	68	1.03	-	49.72	32.76	6.90	34.28
PK	7.31927G	57.06	74.00	-16.94	10.52	3	Horizontal	246	1.19	-	46.54	36.78	8.54	34.80

BT-LE(500kbps)

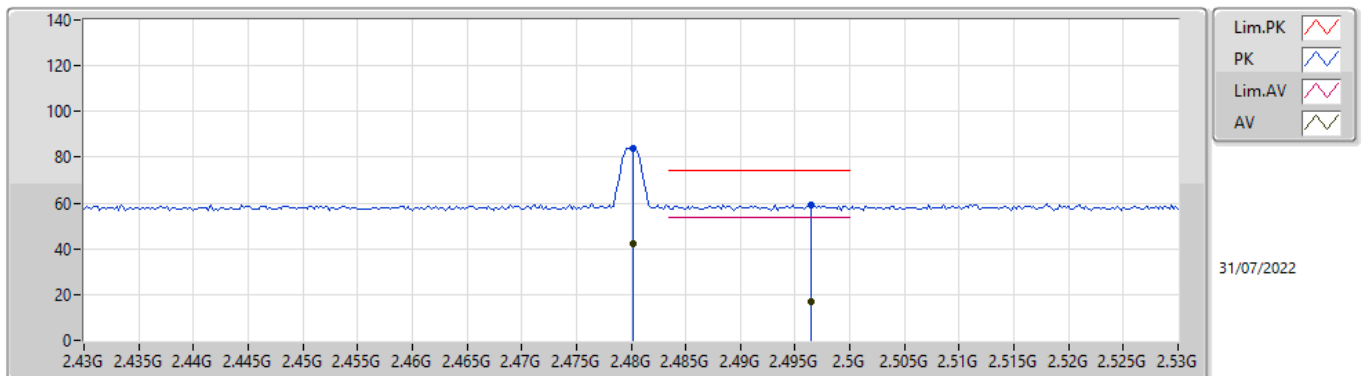
2480MHz_TX



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	2.4798G	54.89	Inf	-Inf	32.26	3	Vertical	96	1.04	-	22.63	27.78	4.48	-
AV	2.4848G	17.02	54.00	-36.98	32.29	3	Vertical	96	1.04	-	-15.27	27.81	4.48	-
PK	2.4798G	96.90	Inf	-Inf	32.26	3	Vertical	96	1.04	-	64.64	27.78	4.48	-
PK	2.4848G	59.03	74.00	-14.97	32.29	3	Vertical	96	1.04	-	26.74	27.81	4.48	-

BT-LE(500kbps)

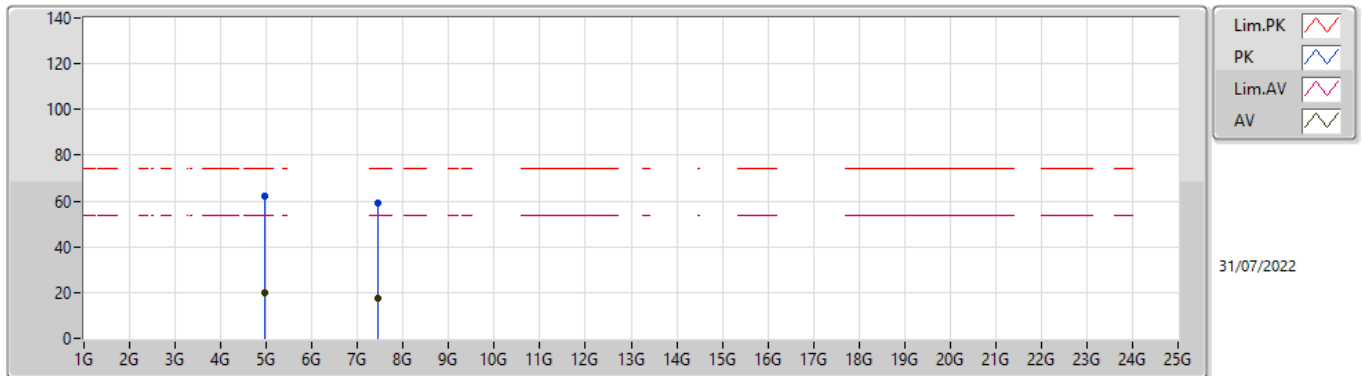
2480MHz_TX



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	2.4802G	41.96	Inf	-Inf	32.26	3	Horizontal	1	1.54	-	9.70	27.78	4.48	-
AV	2.4964G	17.19	54.00	-36.81	32.36	3	Horizontal	1	1.54	-	-15.17	27.88	4.48	-
PK	2.4802G	83.97	Inf	-Inf	32.26	3	Horizontal	1	1.54	-	51.71	27.78	4.48	-
PK	2.4964G	59.20	74.00	-14.80	32.36	3	Horizontal	1	1.54	-	26.84	27.88	4.48	-

BT-LE(500kbps)

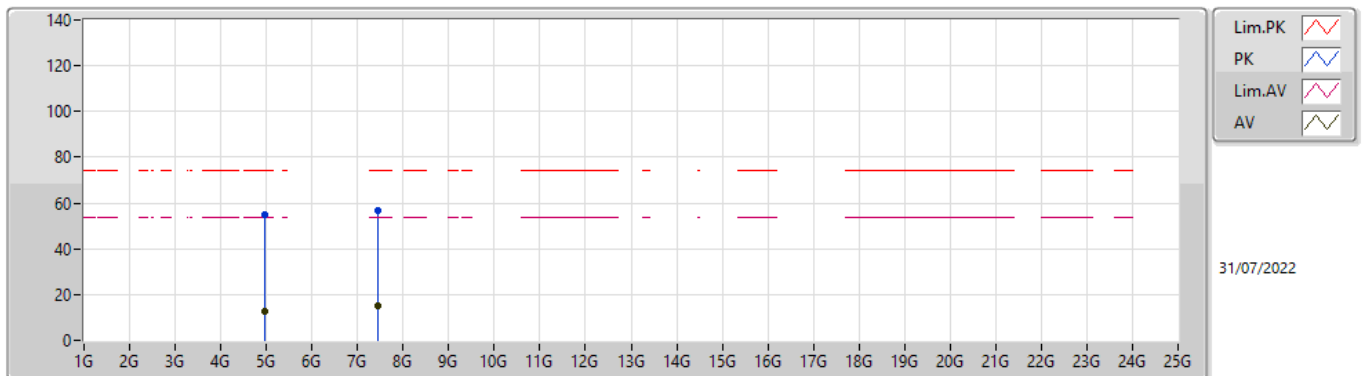
2480MHz_TX



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	4.96051G	20.15	54.00	-33.85	5.78	3	Vertical	283	2.97	-	14.37	33.14	6.91	34.27
AV	7.43938G	17.32	54.00	-36.68	10.43	3	Vertical	247	2.78	-	6.89	36.60	8.65	34.82
PK	4.96051G	62.16	74.00	-11.84	5.78	3	Vertical	283	2.97	-	56.38	33.14	6.91	34.27
PK	7.43938G	59.33	74.00	-14.67	10.43	3	Vertical	247	2.78	-	48.90	36.60	8.65	34.82

BT-LE(500kbps)

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	4.96058G	12.89	54.00	-41.11	5.78	3	Horizontal	331	2.69	-	7.11	33.14	6.91	34.27
AV	7.44078G	14.84	54.00	-39.16	10.43	3	Horizontal	36	1.14	-	4.41	36.60	8.65	34.82
PK	4.96058G	54.90	74.00	-19.10	5.78	3	Horizontal	331	2.69	-	49.12	33.14	6.91	34.27
PK	7.44078G	56.85	74.00	-17.15	10.43	3	Horizontal	36	1.14	-	46.42	36.60	8.65	34.82