Testing Laboratory 3785

FCC Radio Test Report

FCC ID	:	**UDX-60099011**
Equipment	:	**Wi-Fi 6 Access Point**
Brand Name	:	**CISCO**
Model Name	:	**MR36-HW**
Applicant	:	**Cisco Systems, Inc. 170 West Tasman Drive, San Jose, CA 95134 USA**
Manufacturer	:	**Cisco Systems, Inc. 170 West Tasman Drive, San Jose, CA 95134 USA**
Standard	:	**47 CFR FCC Part 15.247**

The product was received on Oct. 03, 2022, and testing was started from Oct. 06, 2022 and completed on Oct. 19, 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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TEST SETUP PHOTOS V01

PHOTOGRAPHS OF EUT V01

History of this test report

Report No.	Version	Description	Issued Date
FR962029-16AL	01	Initial issue of report	Mar. 03, 2023

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: Barry Hsiao

Report Producer: Ann Hou

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

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	Sercomm	Ant 1	PIFA	I-PEX
2	Sercomm	Ant 2	PIFA	I-PEX
3	Sercomm	Ant 3	PIFA	I-PEX
4	Sercomm	Ant 4	PIFA	I-PEX
5	Sercomm	Ant 5	PIFA	I-PEX
6	Sercomm	Ant 6	PIFA	I-PEX

Ant.	Port	Gain (dBi)										
		Radio 1					Radio 2					Radio 3
		2.4G	5G				2.4G	5G				BT
			B1	B2	B3	B4		B1	B2	B3	B4	
1	1	4.22	-	-	-	-	-	-	-	-	-	-
2	2	4.68	-	-	-	-	-	-	-	-	-	-
3	3	-	4.67	4.67	5.29	4.77	-	-	-	-	-	-
4	4	-	4.91	4.91	4.98	4.9	-	-	-	-	-	-
5	5	-	-	-	-	-	3.02	3.06	3.06	2.57	2.38	-
6	6	-	-	-	-	-	-			-		2.91

Note 1: The EUT has six antennas.

For 2.4GHz function:
For IEEE 802.11 b/g/n/ac/ax mode (2TX/2RX) (Radio 1)
Support diversity function and pre-tested on each single chain, Ant. 1 (port 1) and Ant. 2(port 2) can be used as transmitting/receiving antenna.
For IEEE 802.11 b/g/n/ac mode (1TX/1RX) (Radio 2)
Ant. 5 (port 5) can be used as transmitting/receiving antenna.
For 5GHz function:
For IEEE 802.11 a/n/ac/ax mode (1TX/1RX) (Radio 1)
Support diversity function and pre-tested on each single chain, Ant. 3 (port 3) and Ant. 4(port 4) can be used as transmitting/receiving antenna.
For IEEE 802.11 a/n/ac mode (1TX/1RX) (Radio 2)
Ant. 5 (port 5) can be used as transmitting/receiving antenna.
For BT function:
For IEEE 802.15.1 Bluetooth mode (1TX/1RX) (Radio 3)
Ant. 6 (port 6) can be used as transmitting/receiving antenna.

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From AC Adapter / PoE			
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) ≥ 1/T
BT-LE(1Mbps)	0.867	0.62	2.167m	1k
BT-LE(125kbps)	0.975	0.11	17.088m	100
BT-LE(500kbps)	0.918	0.37	4.589m	300
BT-LE(2Mbps)	0.618	2.09	1.11m	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	**ADD:** No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
(TAF: 3785**)**	**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	Wayne	22.3~22.6°C / 55~58%	13/Oct/2022
RF Conducted	TH01-HY	Luby	22.1~25.6°C / 51~57%	06/Oct/2022~19/Oct/2022
Radiated	03CH02-HY	Henry	21.2~23.8°C / 56~62%	07/Oct/2022~20/Oct/2022
Radiated (Co-location)	03CH02-HY	Henry	21.2~23.8°C / 56~62%	13/Oct/2022~14/Oct/2022
☐ Wen 33rd.St.	**ADD:** No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
(TAF: 3785**)**	**TEL:** 886-3-318-0787		**FAX:** 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				

1.4 Measurement Uncertainty

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

Test Items	**Uncertainty**	**Remark**
AC Power-line Conducted Emissions	4.53 dB	Confidence levels of 95%
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%
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	Dos 6.1

Mode	Power Setting
BT-LE(1Mbps)	-
2402MHz	100
2440MHz	100
2480MHz	92
BT-LE(2Mbps)	-
2402MHz	100
2440MHz	100
2480MHz	83
BT-LE(125kbps)	-
2402MHz	100
2440MHz	100
2480MHz	92
BT-LE(500kbps)	-
2402MHz	100
2440MHz	100
2480MHz	88

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	WLAN 2.4G (Radio1) + 5G (Radio1) + BT (Radio3) + WLAN 2.4G (Radio2)
2	WLAN 2.4G (Radio1) + 5G (Radio1) + BT (Radio3) + WLAN 5G (Radio2)
Refer to Sporton Test Report No.: FA962029-16 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.3 Accessories

Accessories				
Mounting bracket	**Brand Name**	CISCO	**Model Name**	Bra.1

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

2.4 Support Equipment

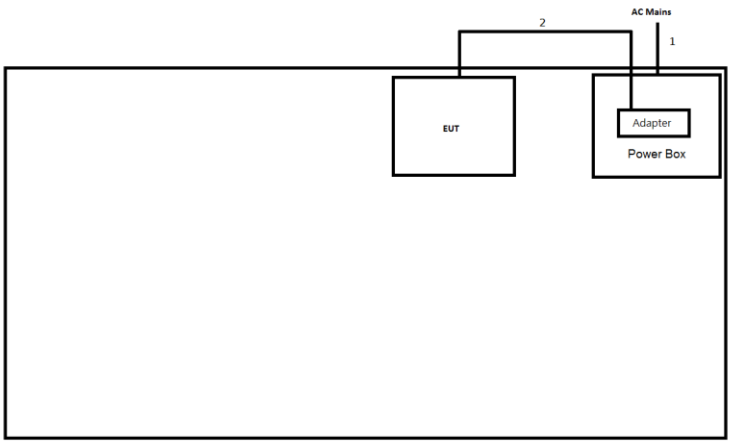
Support Equipment – AC Conduction					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	AC Power Cable	Power Sync	TPCMRN0018	-	-
2	AC adapter	CISCO	MA-PWR-30W-US	-	Provided by Customer
3	PoE	CISCO	MA-INJ-4	-	Provided by Customer
4	RJ45 Cable	Power Sync	CAT-6E-10	-	-

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	AC Power Cable	Power Sync	TPCMRN0018	-	-
2	AC Adapter	CISCO	MA-PWR-30W-US	-	Provided by Customer
3	PoE	CISCO	MA-INJ-4	-	Provided by Customer
4	RJ45	Power Sync	CAT-6E-10	-	-

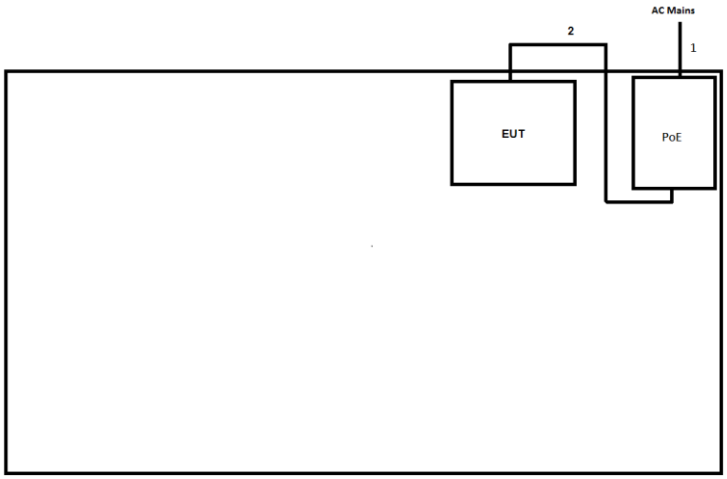
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test - Adapter mode



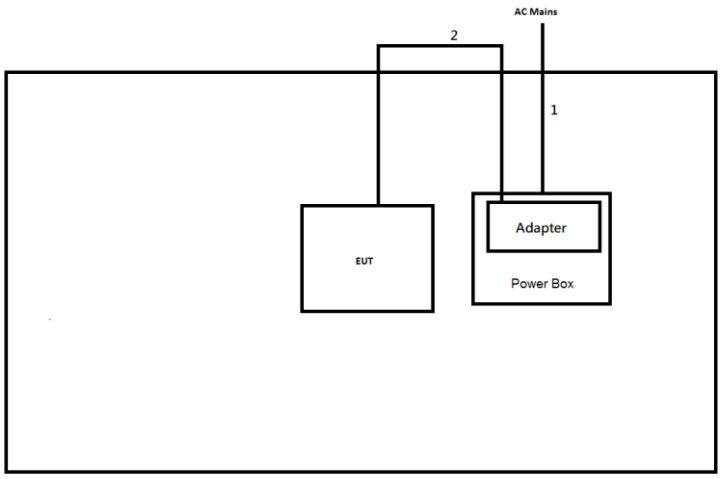
Item	Connection	Shielded	Length (m)
1	AC Power cable	No	1.8
2	DC Power cable	No	1.5

Test Setup Diagram – AC Line Conducted Emission Test - PoE mode



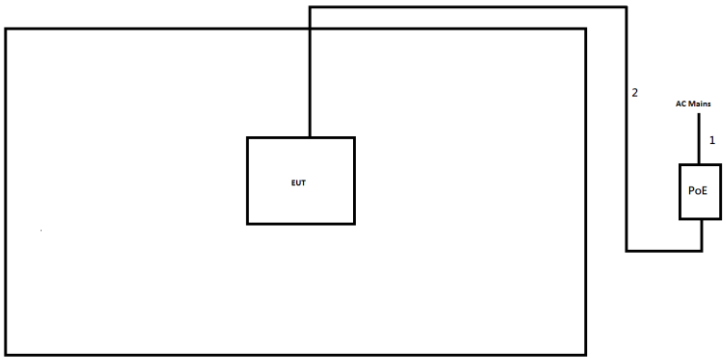
Item	Connection	Shielded	Length (m)
1	AC Power cable	No	1.8
2	RJ45 cable	No	10.0

Test Setup Diagram - Radiated Test - Adapter mode



Item	Connection	Shielded	Length (m)
1	AC Power cable	No	1.8
2	DC Power cable	No	1.5

Test Setup Diagram - Radiated Test - PoE mode



Item	Connection	Shielded	Length (m)
1	AC Power cable	No	1.8
2	RJ45	No	10.0

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

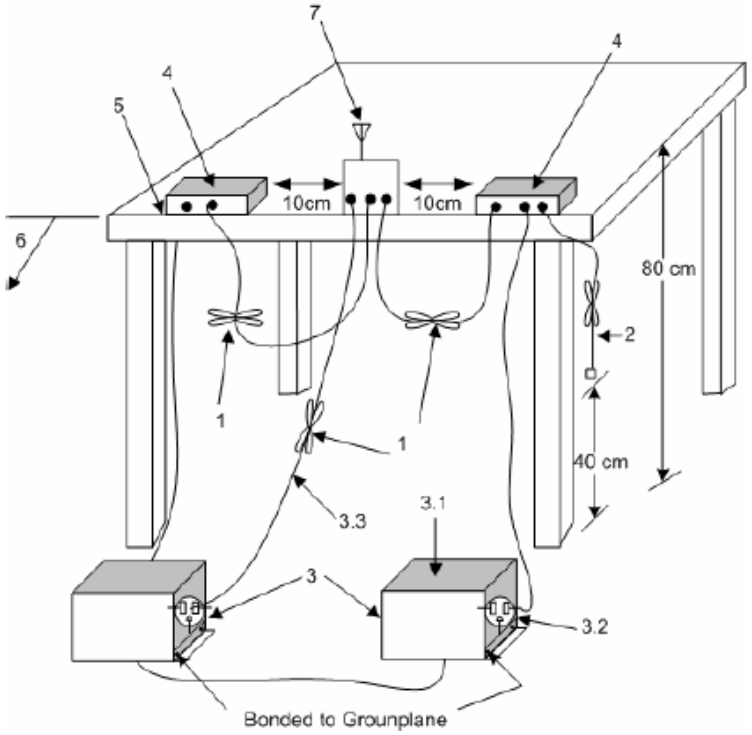
Test Method
▪ Refer as ANSI C63.10-2013, clause 6.2 foray power-line conducted emissions.

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

AC Power-line Conducted Emissions



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

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

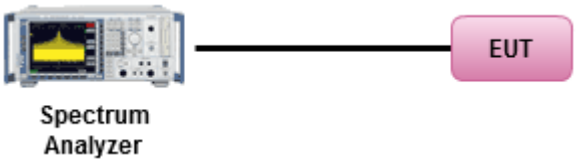
3.2.2 Measuring Instruments

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:	
	☒ 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.

3.2.4 Test Setup

Emission Bandwidth


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			
	▪ If G_{TX} ≤ 6 dBi, then P_{Out} ≤ 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 + 8dB dBm	
e.i.r.p. Power Limit:			
▪ 2400-2483.5 MHz Band			
	▪ Point-to-multipoint systems (P2M): P_{eirp} ≤ 36 dBm (4 W)		
	▪ Point-to-point systems (P2P): P_{eirp} ≤ MAX(36, [P_{Out} + G_{TX}]) dBm		
	▪ Smart antenna system (SAS)		
		- Single beam: P_{eirp} ≤ MAX(36, P_{Out} + G_{TX}) dBm	
		- Overlap beam: P_{eirp} ≤ MAX(36, P_{Out} + G_{TX}) dBm	
		- Aggregate power on all beams: P_{eirp} ≤ 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.			

3.3.2 Measuring Instruments

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

3.3.3 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: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)


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

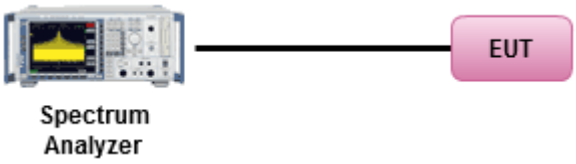
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method		
▪ 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.

3.4.4 Test Setup

Power Spectral Density


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.	

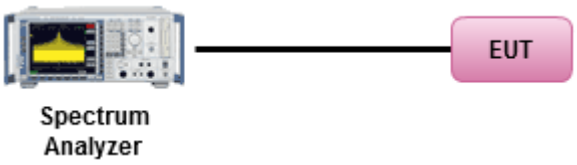
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup

Emissions in Non-restricted Frequency Bands


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 below30 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	
▪	The average emission levels shall be measured in [duty cycle ≥ 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 ≥ 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.

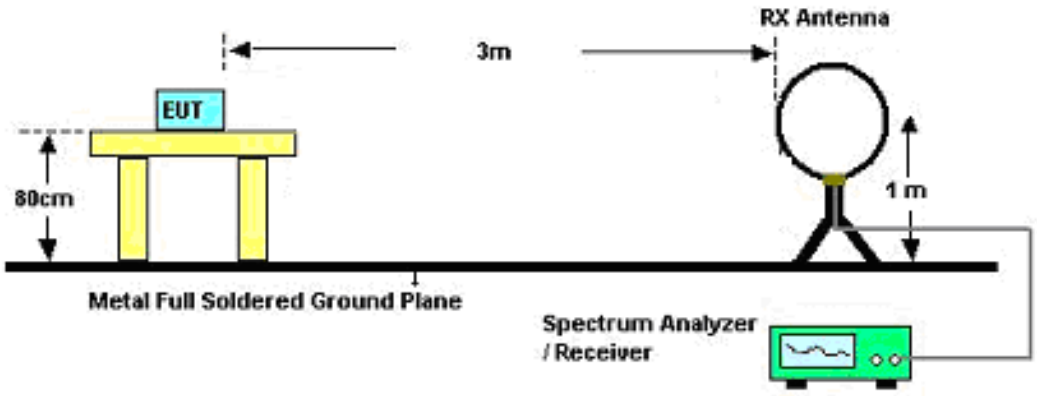
3.6.4 Measurement Results Calculation

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

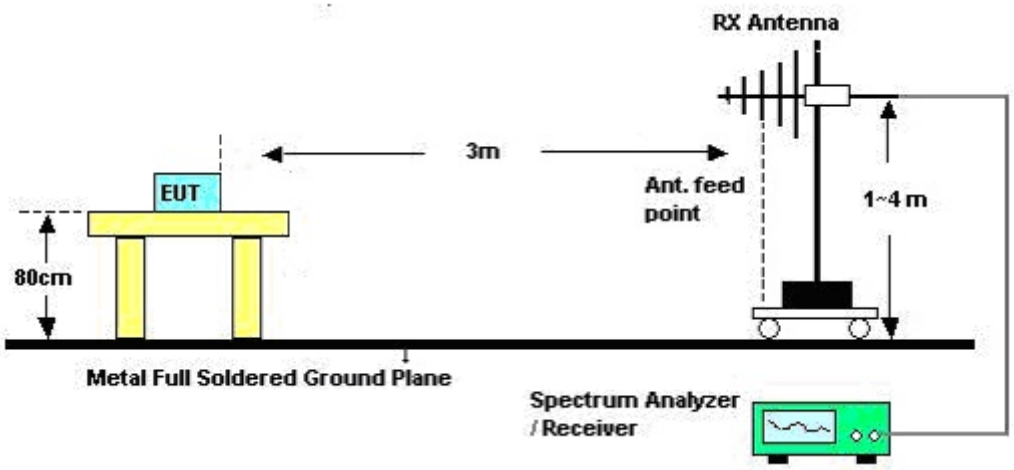
3.6.5 Test Setup

Emissions in Restricted Frequency Bands

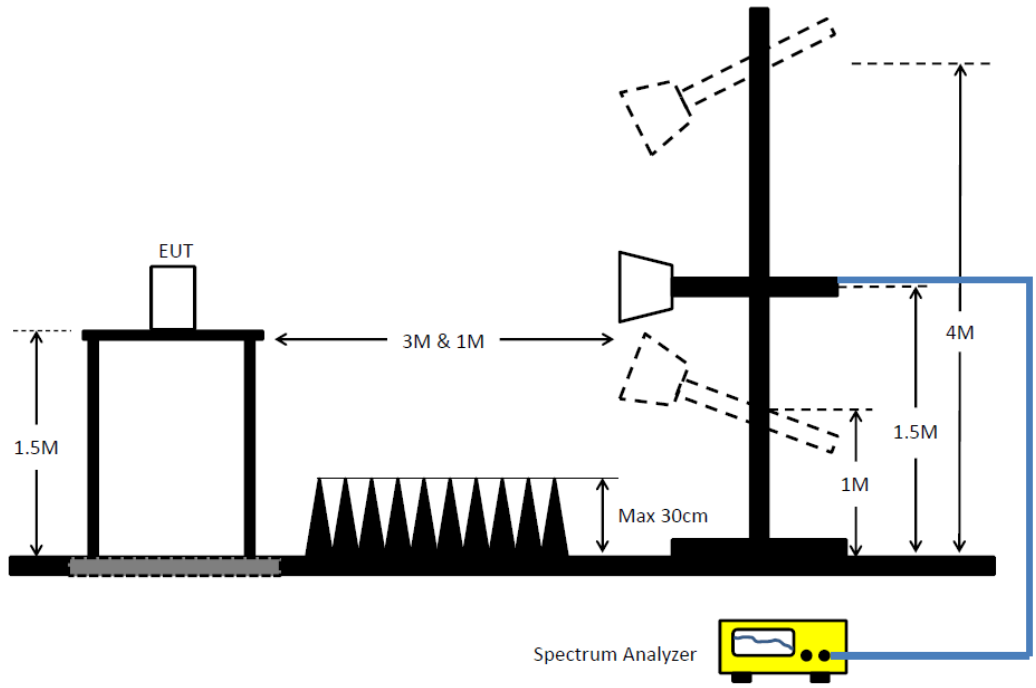
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



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	13/May/2022	12/May/2023
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	V5.10.8.7	-	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	101013	10Hz~40GHz	01/Apr/2022	31/Mar/2023
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2021	20/Oct/2022
Pulse Sensor	Anritsu	MA2411B	0917017	300MHz~40GHz	21/Feb/2022	20/Feb/2023
Power Meter	Anritsu	ML2495A	0949003	300MHz~40GHz	21/Feb/2022	20/Feb/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	03CH02-HY	30MHz~1GHz 3m	31/Jul/2022	30/Jul/2023
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	30/Jul/2022	29/Jul/2023
Signal Analyzer	R&S	FSP 40	100305	9kHz~40GHz	21/Mar/2022	20/Mar/2023
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	28/Jun/2022	27/Jun/2023
Microwave System Premplifier	KEYSIGHT	83017A	MY53270197	1GHz~26.5GHz	30/Nov/2021	29/Nov/2022
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz ~18GHz	27/Sep/2022	26/Sep/2023
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz~1GHz	28/Aug/2022	27/Aug/2023
RF Cable	MVE	400LL	MVE-1-0802	9kHz~30MHz	04/May/2022	03/May/2023
RF Cable	MVE	400LL	MVE-1-0802	30MHz~1GHz	04/May/2022	03/May/2023
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	805193/4+805192/4	1GHz~40GHz	01/Apr/2022	31/Mar/2023
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~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

Instrument for Radiated Test (Co-location)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	30/Jul/2022	29/Jul/2023
Signal Analyzer	R&S	FSP 40	100305	9kHz~40GHz	21/Mar/2022	20/Mar/2023
Microwave System Premplifier	KEYSIGHT	83017A	MY53270197	1GHz~26.5GHz	30/Nov/2021	29/Nov/2022
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz ~18GHz	27/Sep/2022	26/Sep/2023
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	805193/4+805192/4	1GHz~40GHz	01/Apr/2022	31/Mar/2023
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz~40GHz	08/Mar/2022	07/Mar/2023
SENSE-EMI	Sporton	V5.10.8.3	N/A	N/A	N/A	N/A

THE END

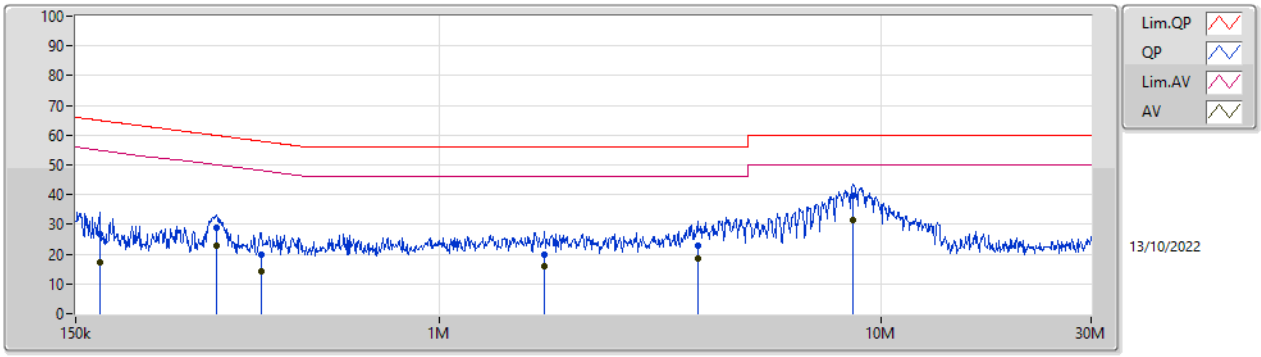
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	8.73M	31.62	50.00	-18.38	Neutral
Mode 2	Pass	AV	428.605k	31.77	47.28	-15.51	Line

Result

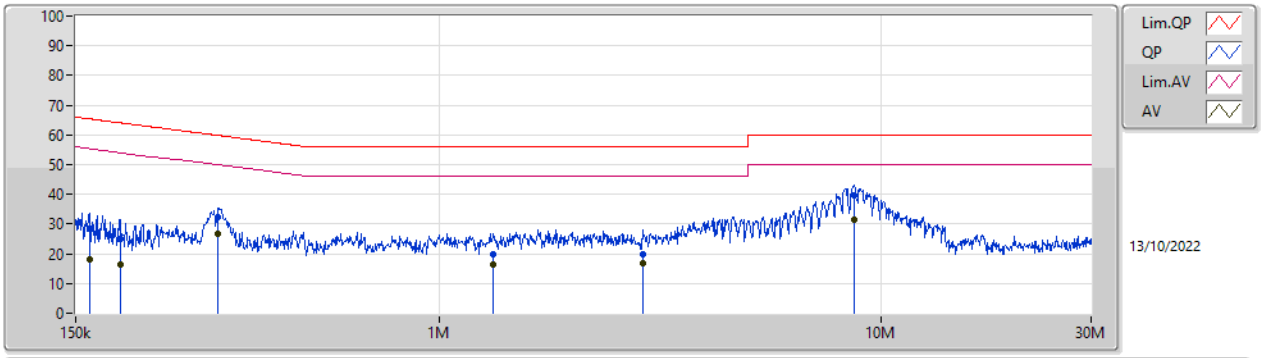
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	169.76k	26.59	64.97	-38.38	Line	-
Mode 1	Pass	AV	169.76k	17.45	54.97	-37.52	Line	-
Mode 1	Pass	QP	312.676k	29.09	59.90	-30.81	Line	-
Mode 1	Pass	AV	312.676k	22.72	49.90	-27.18	Line	-
Mode 1	Pass	QP	394.139k	19.89	57.97	-38.08	Line	-
Mode 1	Pass	AV	394.139k	14.10	47.97	-33.87	Line	-
Mode 1	Pass	QP	1.733M	19.65	56.00	-36.35	Line	-
Mode 1	Pass	AV	1.733M	16.06	46.00	-29.94	Line	-
Mode 1	Pass	QP	3.851M	22.85	56.00	-33.15	Line	-
Mode 1	Pass	AV	3.851M	18.75	46.00	-27.25	Line	-
Mode 1	Pass	QP	8.661M	39.54	60.00	-20.46	Line	-
Mode 1	Pass	AV	8.661M	31.52	50.00	-18.48	Line	-
Mode 1	Pass	QP	161.82k	28.57	65.37	-36.80	Neutral	-
Mode 1	Pass	AV	161.82k	18.22	55.37	-37.15	Neutral	-
Mode 1	Pass	QP	189.08k	24.95	64.07	-39.12	Neutral	-
Mode 1	Pass	AV	189.08k	16.59	54.07	-37.48	Neutral	-
Mode 1	Pass	QP	315.182k	32.45	59.82	-27.37	Neutral	-
Mode 1	Pass	AV	315.182k	26.53	49.82	-23.29	Neutral	-
Mode 1	Pass	QP	1.326M	19.66	56.00	-36.34	Neutral	-
Mode 1	Pass	AV	1.326M	16.49	46.00	-29.51	Neutral	-
Mode 1	Pass	QP	2.889M	19.79	56.00	-36.21	Neutral	-
Mode 1	Pass	AV	2.889M	17.02	46.00	-28.98	Neutral	-
Mode 1	Pass	QP	8.73M	39.55	60.00	-20.45	Neutral	-
Mode 1	Pass	AV	8.73M	31.62	50.00	-18.38	Neutral	-
Mode 2	Pass	QP	168.41k	46.90	65.04	-18.14	Line	-
Mode 2	Pass	AV	168.41k	36.14	55.04	-18.90	Line	-
Mode 2	Pass	QP	196.781k	41.93	63.74	-21.81	Line	-
Mode 2	Pass	AV	196.781k	27.74	53.74	-26.00	Line	-
Mode 2	Pass	QP	428.605k	40.32	57.28	-16.96	Line	-
Mode 2	Pass	AV	428.605k	31.77	47.28	-15.51	Line	-
Mode 2	Pass	QP	743.55k	27.76	56.00	-28.24	Line	-
Mode 2	Pass	AV	743.55k	21.57	46.00	-24.43	Line	-
Mode 2	Pass	QP	3.055M	24.50	56.00	-31.50	Line	-
Mode 2	Pass	AV	3.055M	19.90	46.00	-26.10	Line	-
Mode 2	Pass	QP	26.273M	27.96	60.00	-32.04	Line	-
Mode 2	Pass	AV	26.273M	24.08	50.00	-25.92	Line	-
Mode 2	Pass	QP	167.739k	46.70	65.06	-18.36	Neutral	-
Mode 2	Pass	AV	167.739k	35.22	55.06	-19.84	Neutral	-
Mode 2	Pass	QP	195.997k	42.06	63.78	-21.72	Neutral	-
Mode 2	Pass	AV	195.997k	27.27	53.78	-26.51	Neutral	-
Mode 2	Pass	QP	430.32k	39.04	57.24	-18.20	Neutral	-
Mode 2	Pass	AV	430.32k	31.46	47.24	-15.78	Neutral	-
Mode 2	Pass	QP	749.51k	25.37	56.00	-30.63	Neutral	-
Mode 2	Pass	AV	749.51k	20.26	46.00	-25.74	Neutral	-
Mode 2	Pass	QP	3.929M	21.65	56.00	-34.35	Neutral	-
Mode 2	Pass	AV	3.929M	18.36	46.00	-27.64	Neutral	-
Mode 2	Pass	QP	26.169M	32.10	60.00	-27.90	Neutral	-
Mode 2	Pass	AV	26.169M	27.82	50.00	-22.18	Neutral	-

Conducted Emissions at Powerline_Mode 1



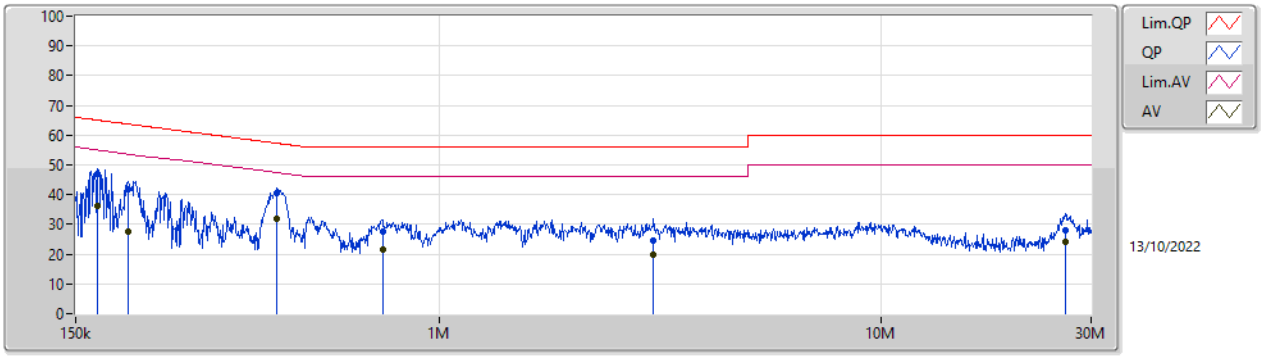
Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	169.76k	26.59	64.97	-38.38	19.63	Line	-	6.96	9.69	0.03	9.91
AV	169.76k	17.45	54.97	-37.52	19.63	Line	-	-2.18	9.69	0.03	9.91
QP	312.676k	29.09	59.90	-30.81	19.63	Line	-	9.46	9.68	0.04	9.91
AV	312.676k	22.72	49.90	-27.18	19.63	Line	-	3.09	9.68	0.04	9.91
QP	394.139k	19.89	57.97	-38.08	19.63	Line	-	0.26	9.68	0.04	9.91
AV	394.139k	14.10	47.97	-33.87	19.63	Line	-	-5.53	9.68	0.04	9.91
QP	1.733M	19.65	56.00	-36.35	19.69	Line	-	-0.04	9.70	0.07	9.92
AV	1.733M	16.06	46.00	-29.94	19.69	Line	-	-3.63	9.70	0.07	9.92
QP	3.851M	22.85	56.00	-33.15	19.76	Line	-	3.09	9.71	0.13	9.92
AV	3.851M	18.75	46.00	-27.25	19.76	Line	-	-1.01	9.71	0.13	9.92
QP	8.661M	39.54	60.00	-20.46	19.89	Line	-	19.65	9.79	0.17	9.93
AV	8.661M	31.52	50.00	-18.48	19.89	Line	-	11.63	9.79	0.17	9.93

Conducted Emissions at Powerline_Mode 1



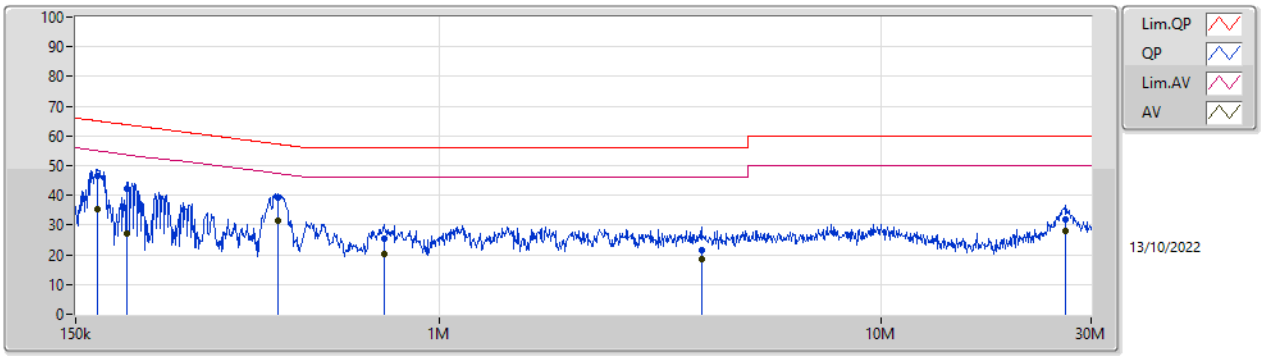
Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	161.82k	28.57	65.37	-36.80	19.67	Neutral	-	8.90	9.73	0.03	9.91
AV	161.82k	18.22	55.37	-37.15	19.67	Neutral	-	-1.45	9.73	0.03	9.91
QP	189.08k	24.95	64.07	-39.12	19.66	Neutral	-	5.29	9.72	0.03	9.91
AV	189.08k	16.59	54.07	-37.48	19.66	Neutral	-	-3.07	9.72	0.03	9.91
QP	315.182k	32.45	59.82	-27.37	19.67	Neutral	-	12.78	9.72	0.04	9.91
AV	315.182k	26.53	49.82	-23.29	19.67	Neutral	-	6.86	9.72	0.04	9.91
QP	1.326M	19.66	56.00	-36.34	19.71	Neutral	-	-0.05	9.73	0.06	9.92
AV	1.326M	16.49	46.00	-29.51	19.71	Neutral	-	-3.22	9.73	0.06	9.92
QP	2.889M	19.79	56.00	-36.21	19.78	Neutral	-	0.01	9.75	0.11	9.92
AV	2.889M	17.02	46.00	-28.98	19.78	Neutral	-	-2.76	9.75	0.11	9.92
QP	8.73M	39.55	60.00	-20.45	19.97	Neutral	-	19.58	9.87	0.17	9.93
AV	8.73M	31.62	50.00	-18.38	19.97	Neutral	-	11.65	9.87	0.17	9.93

Conducted Emissions at Powerline_Mode 2



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	168.41k	46.90	65.04	-18.14	19.63	Line	-	27.27	9.69	0.03	9.91
AV	168.41k	36.14	55.04	-18.90	19.63	Line	-	16.51	9.69	0.03	9.91
QP	196.781k	41.93	63.74	-21.81	19.63	Line	-	22.30	9.69	0.03	9.91
AV	196.781k	27.74	53.74	-26.00	19.63	Line	-	8.11	9.69	0.03	9.91
QP	428.605k	40.32	57.28	-16.96	19.63	Line	-	20.69	9.68	0.04	9.91
AV	428.605k	31.77	47.28	-15.51	19.63	Line	-	12.14	9.68	0.04	9.91
QP	743.55k	27.76	56.00	-28.24	19.65	Line	-	8.11	9.68	0.05	9.92
AV	743.55k	21.57	46.00	-24.43	19.65	Line	-	1.92	9.68	0.05	9.92
QP	3.055M	24.50	56.00	-31.50	19.74	Line	-	4.76	9.71	0.11	9.92
AV	3.055M	19.90	46.00	-26.10	19.74	Line	-	0.16	9.71	0.11	9.92
QP	26.273M	27.96	60.00	-32.04	20.05	Line	-	7.91	9.80	0.32	9.93
AV	26.273M	24.08	50.00	-25.92	20.05	Line	-	4.03	9.80	0.32	9.93

Conducted Emissions at Powerline_Mode 2



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	167.739k	46.70	65.06	-18.36	19.67	Neutral	-	27.03	9.73	0.03	9.91
AV	167.739k	35.22	55.06	-19.84	19.67	Neutral	-	15.55	9.73	0.03	9.91
QP	195.997k	42.06	63.78	-21.72	19.66	Neutral	-	22.40	9.72	0.03	9.91
AV	195.997k	27.27	53.78	-26.51	19.66	Neutral	-	7.61	9.72	0.03	9.91
QP	430.32k	39.04	57.24	-18.20	19.67	Neutral	-	19.37	9.72	0.04	9.91
AV	430.32k	31.46	47.24	-15.78	19.67	Neutral	-	11.79	9.72	0.04	9.91
QP	749.51k	25.37	56.00	-30.63	19.70	Neutral	-	5.67	9.73	0.05	9.92
AV	749.51k	20.26	46.00	-25.74	19.70	Neutral	-	0.56	9.73	0.05	9.92
QP	3.929M	21.65	56.00	-34.35	19.81	Neutral	-	1.84	9.76	0.13	9.92
AV	3.929M	18.36	46.00	-27.64	19.81	Neutral	-	-1.45	9.76	0.13	9.92
QP	26.169M	32.10	60.00	-27.90	20.34	Neutral	-	11.76	10.09	0.32	9.93
AV	26.169M	27.82	50.00	-22.18	20.34	Neutral	-	7.48	10.09	0.32	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)	638.75k	1.037M	1M04F1D	635k	1.033M
BT-LE(2Mbps)	1.09M	2.104M	2M10F1D	1.085M	2.076M
BT-LE(125kbps)	746.25k	1.124M	1M12F1D	615k	1.118M
BT-LE(500kbps)	726.25k	1.083M	1M08F1D	722.5k	1.078M

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

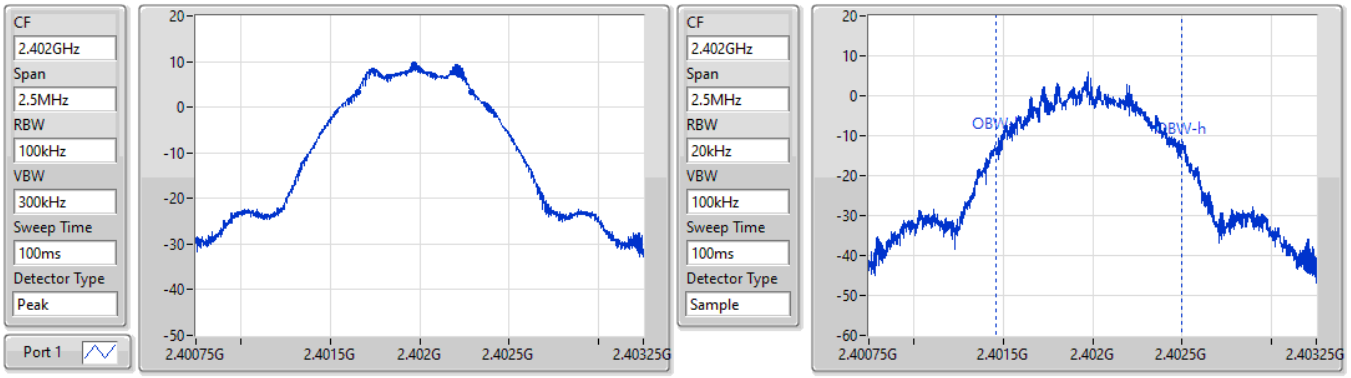
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	500k	636.25k	1.036M
2440MHz	Pass	500k	638.75k	1.037M
2480MHz	Pass	500k	635k	1.033M
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	500k	1.09M	2.089M
2440MHz	Pass	500k	1.085M	2.076M
2480MHz	Pass	500k	1.085M	2.104M
BT-LE(125kbps)	-	-	-	-
2402MHz	Pass	500k	616.25k	1.122M
2440MHz	Pass	500k	615k	1.124M
2480MHz	Pass	500k	746.25k	1.118M
BT-LE(500kbps)	-	-	-	-
2402MHz	Pass	500k	726.25k	1.083M
2440MHz	Pass	500k	722.5k	1.079M
2480MHz	Pass	500k	725k	1.078M

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

BT-LE(1Mbps) **EBW-DTS**

2402MHz

06/10/2022

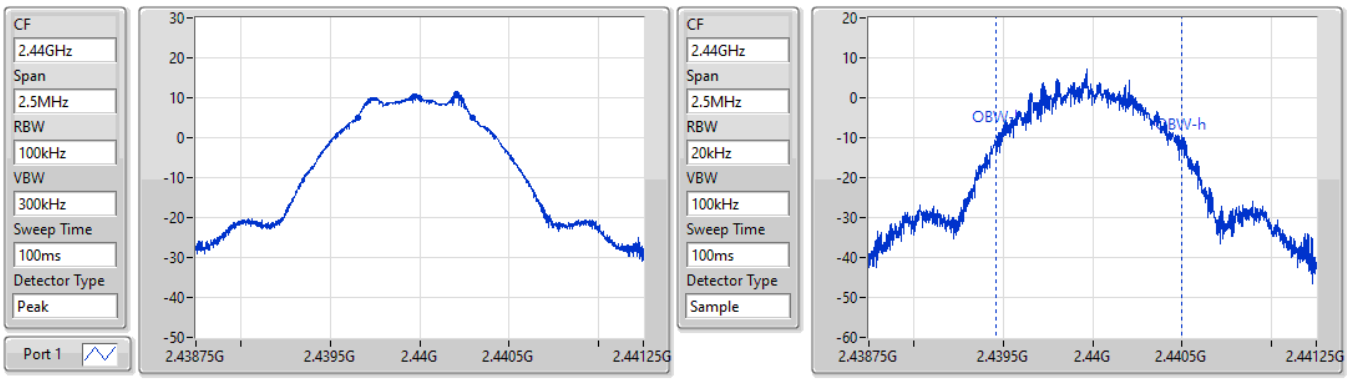


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
636.25k	2.401654G	2.40229G	1.036M	2.40146G	2.402496G	500k	1

BT-LE(1Mbps) **EBW-DTS**

2440MHz

06/10/2022

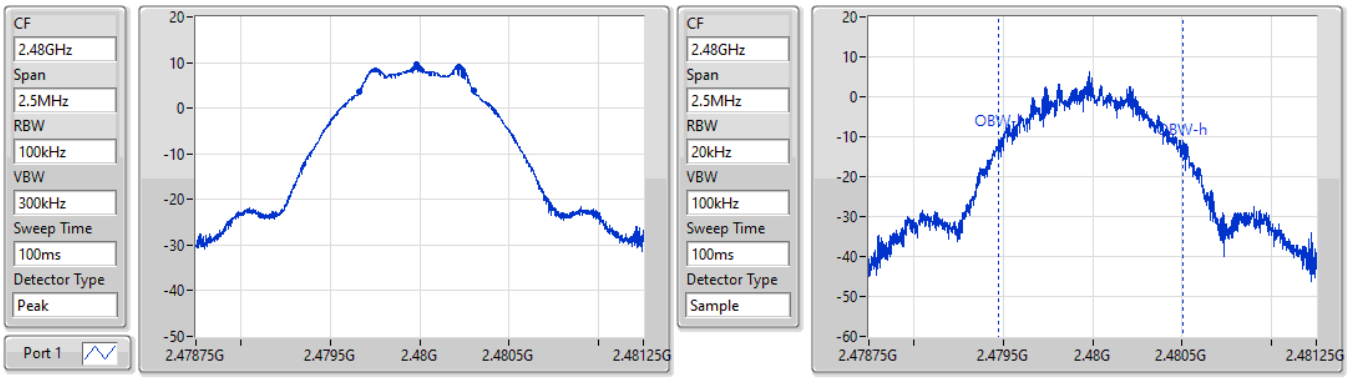


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
638.75k	2.439654G	2.440293G	1.037M	2.43946G	2.440497G	500k	1

BT-LE(1Mbps) EBW-DTS

2480MHz

19/10/2022

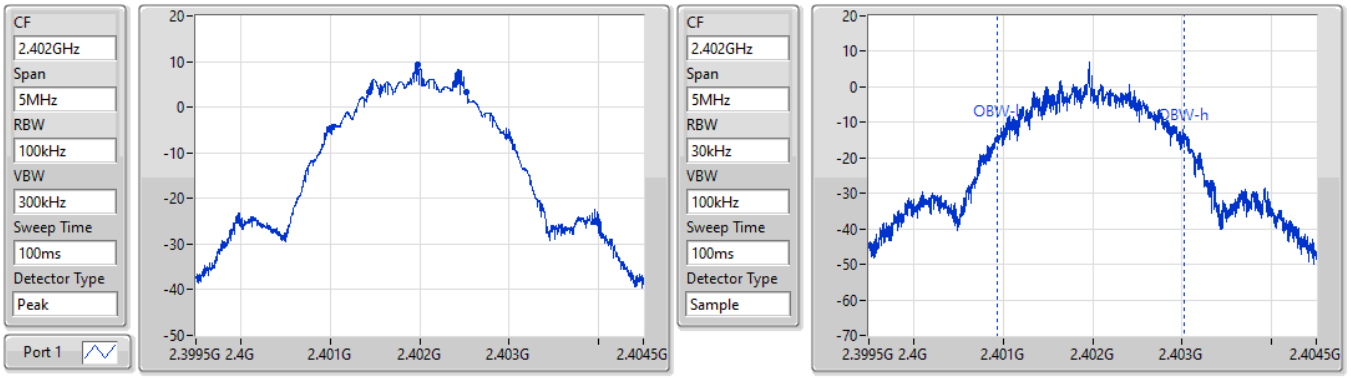


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
635k	2.479665G	2.4803G	1.033M	2.479473G	2.480506G	500k	1

BT-LE(2Mbps) EBW-DTS

2402MHz

06/10/2022

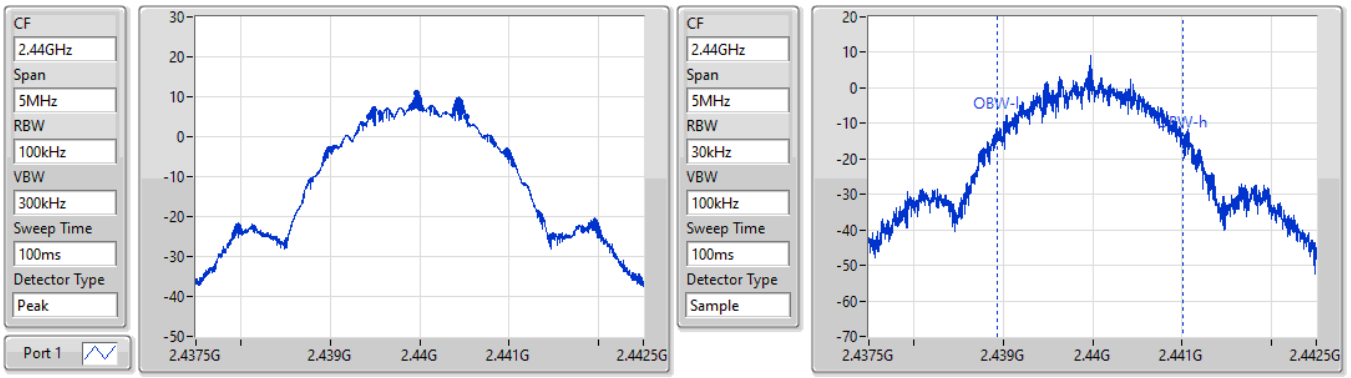


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.09M	2.40143G	2.40252G	2.089M	2.400936G	2.403024G	500k	1

BT-LE(2Mbps) EBW-DTS

2440MHz

06/10/2022

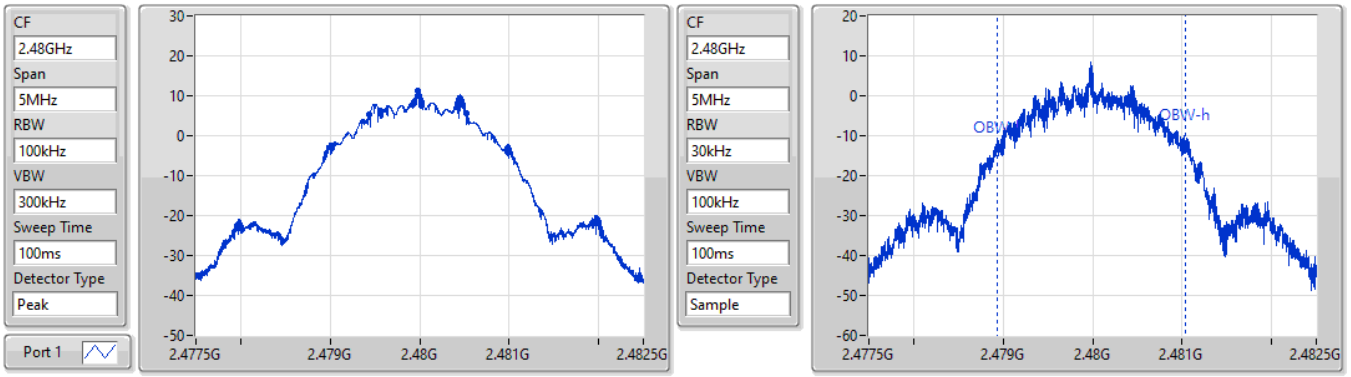


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.085M	2.439433G	2.440518G	2.076M	2.438933G	2.441009G	500k	1

BT-LE(2Mbps) EBW-DTS

2480MHz

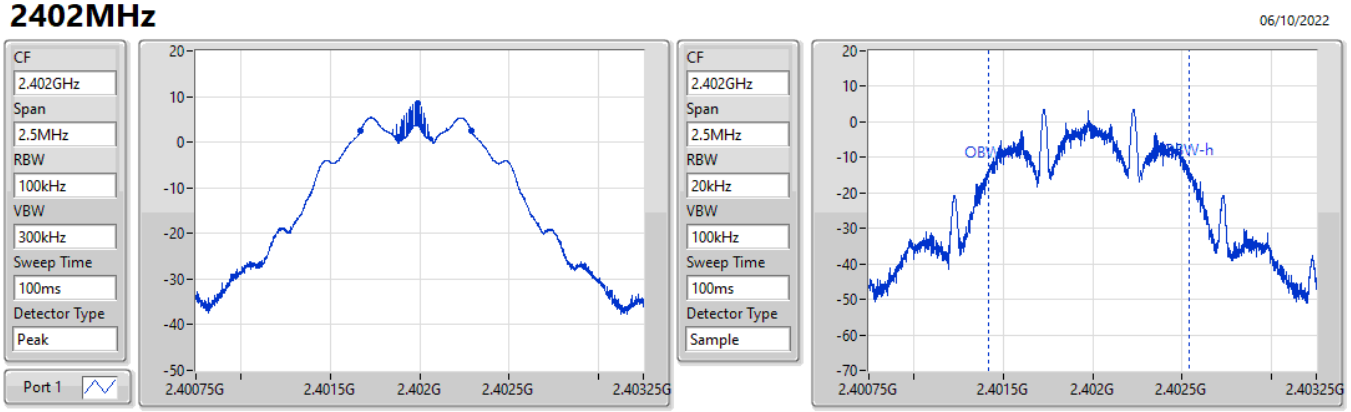
19/10/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.085M	2.479443G	2.480528G	2.104M	2.478941G	2.481044G	500k	1

BT-LE(125kbps) **EBW-DTS**

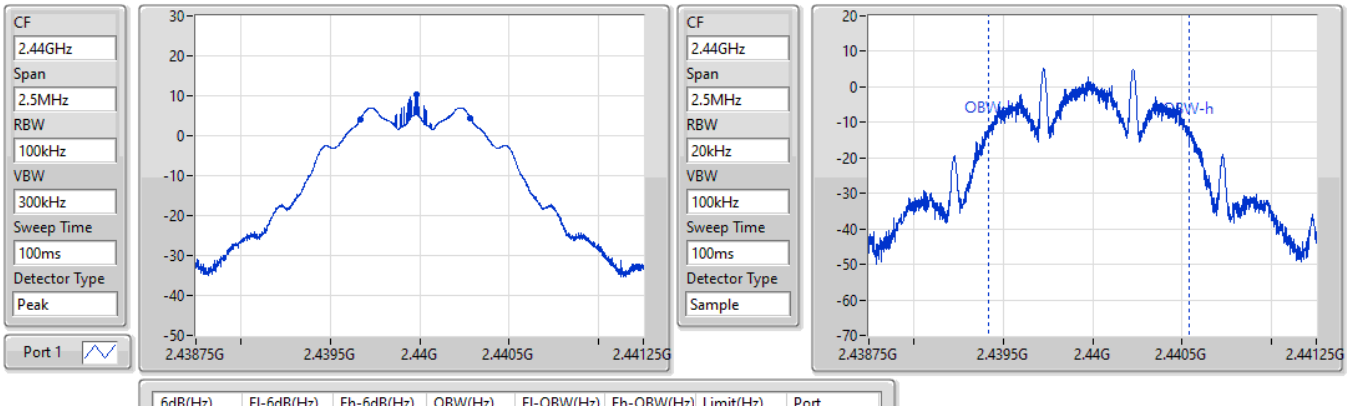
2402MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
616.25k	2.401671G	2.402288G	1.122M	2.401418G	2.40254G	500k	1

BT-LE(125kbps) **EBW-DTS**

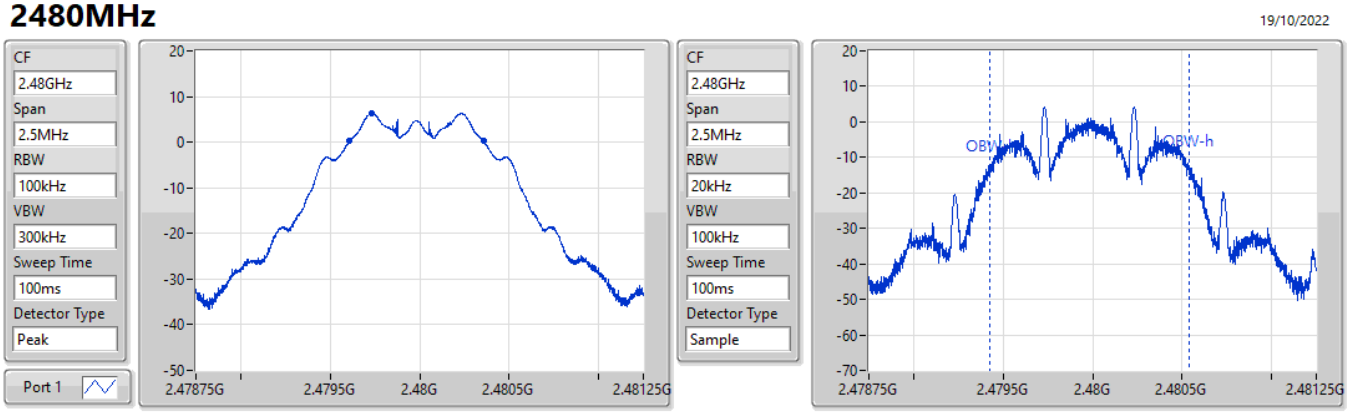
2440MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
615k	2.43967G	2.440285G	1.124M	2.439415G	2.44054G	500k	1

BT-LE(125kbps) **EBW-DTS**

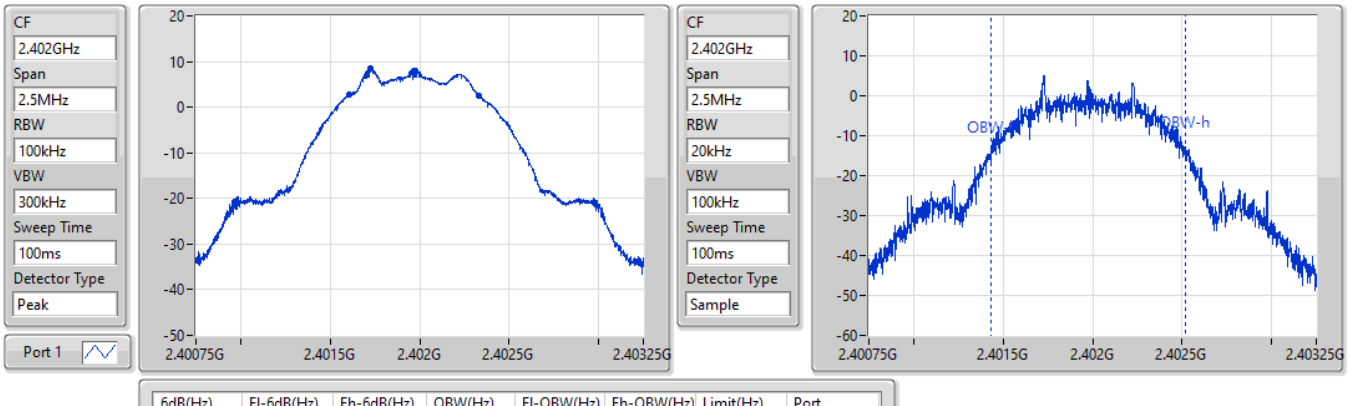
2480MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
746.25k	2.47961G	2.480356G	1.118M	2.479423G	2.480541G	500k	1

BT-LE(500kbps) **EBW-DTS**

2402MHz

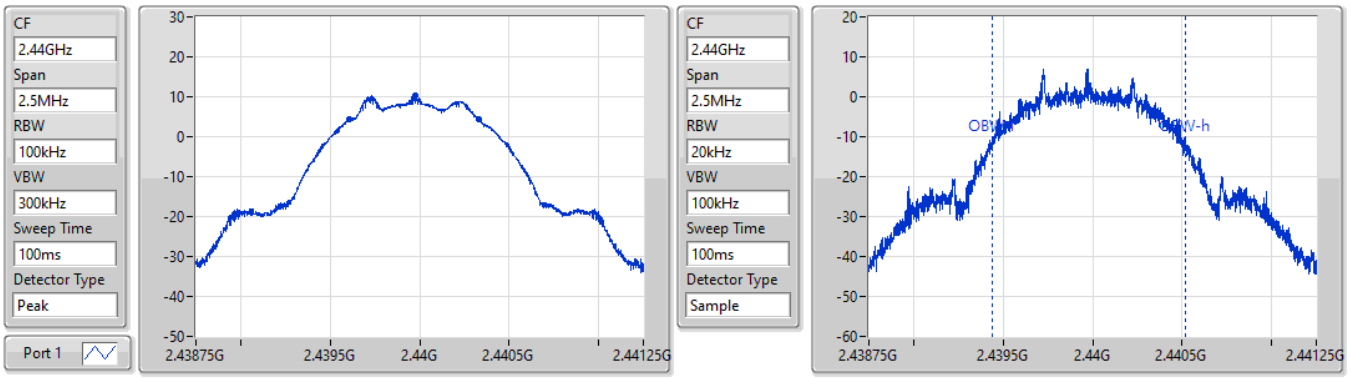


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
726.25k	2.401605G	2.402331G	1.083M	2.401435G	2.402518G	500k	1

BT-LE(500kbps) **EBW-DTS**

2440MHz

06/10/2022

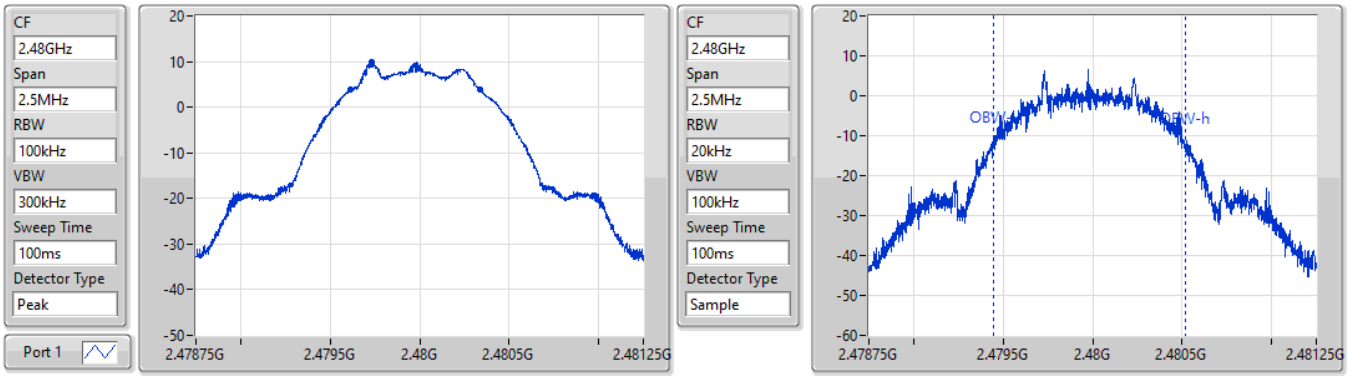


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
722.5k	2.439606G	2.440329G	1.079M	2.439437G	2.440516G	500k	1

BT-LE(500kbps) **EBW-DTS**

2480MHz

19/10/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
725k	2.479613G	2.480338G	1.078M	2.479444G	2.480522G	500k	1

Summary

Mode	Power (dBm)	Power (W)
2.4-2.4835GHz	-	-
BT-LE(1Mbps)	11.20	0.01318
BT-LE(2Mbps)	11.16	0.01306
BT-LE(125kbps)	10.58	0.01143
BT-LE(500kbps)	10.51	0.01125

Result

Mode	Result	Gain (dBi)	Power (dBm)	Power Limit (dBm)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	2.91	10.46	30.00
2440MHz	Pass	2.91	11.20	30.00
2480MHz	Pass	2.91	9.44	30.00
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	2.91	10.41	30.00
2440MHz	Pass	2.91	11.16	30.00
2480MHz	Pass	2.91	11.08	30.00
BT-LE(125kbps)	-	-	-	-
2402MHz	Pass	2.91	10.45	30.00
2440MHz	Pass	2.91	10.58	30.00
2480MHz	Pass	2.91	9.45	30.00
BT-LE(500kbps)	-	-	-	-
2402MHz	Pass	2.91	10.43	30.00
2440MHz	Pass	2.91	10.51	30.00
2480MHz	Pass	2.91	9.66	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
BT-LE(1Mbps)	-5.17
BT-LE(2Mbps)	-6.23
BT-LE(125kbps)	5.15
BT-LE(500kbps)	4.58

RBW = 3kHz;

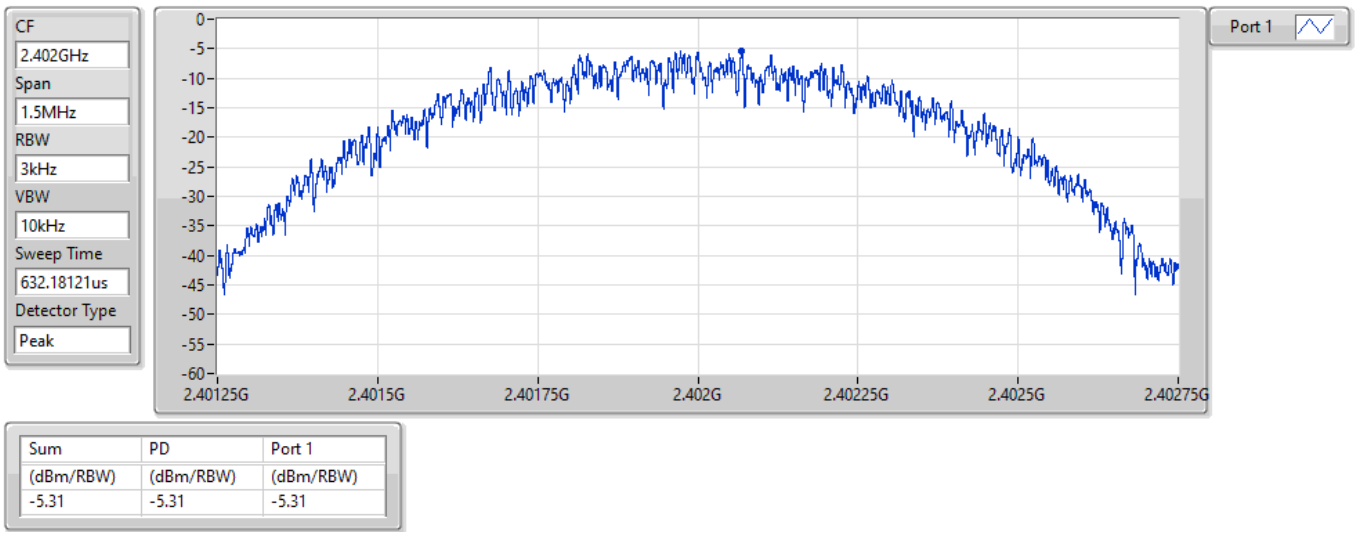
Result

Mode	Result	Gain (dBi)	PD (dBm/RBW)	PD Limit (dBm/RBW)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	2.91	-5.31	8.00
2440MHz	Pass	2.91	-5.17	8.00
2480MHz	Pass	2.91	-5.92	8.00
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	2.91	-6.23	8.00
2440MHz	Pass	2.91	-7.48	8.00
2480MHz	Pass	2.91	-6.52	8.00
BT-LE(125kbps)	-	-	-	-
2402MHz	Pass	2.91	5.15	8.00
2440MHz	Pass	2.91	4.74	8.00
2480MHz	Pass	2.91	4.03	8.00
BT-LE(500kbps)	-	-	-	-
2402MHz	Pass	2.91	4.58	8.00
2440MHz	Pass	2.91	-5.03	8.00
2480MHz	Pass	2.91	-5.53	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

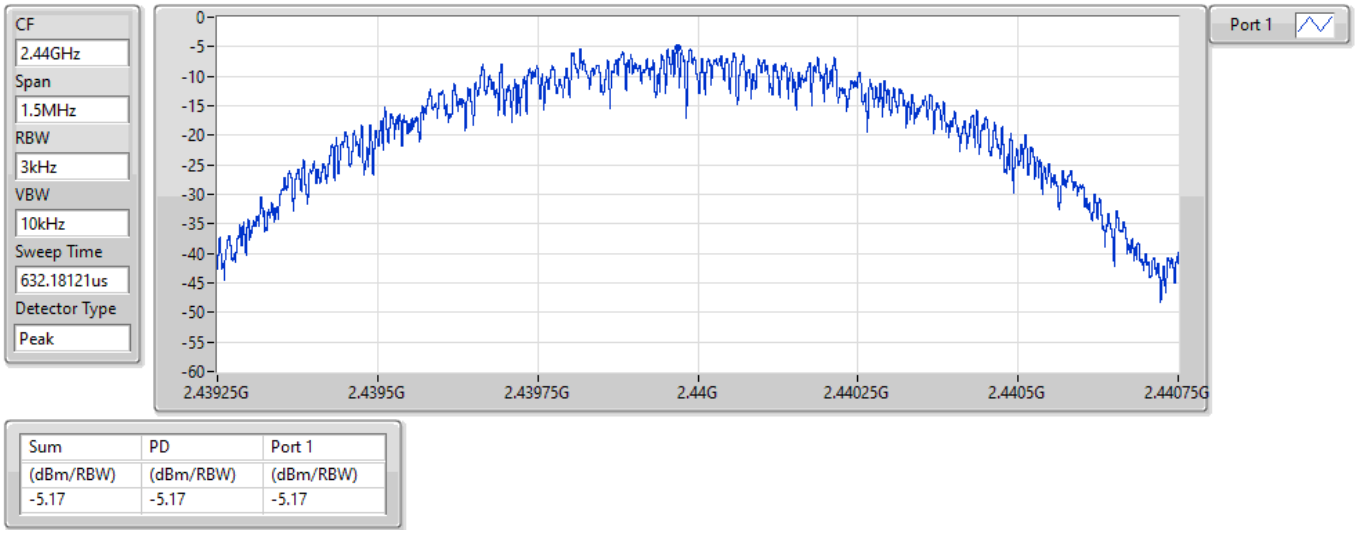
2402MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.31	-5.31	-5.31

BT-LE(1Mbps) PSD

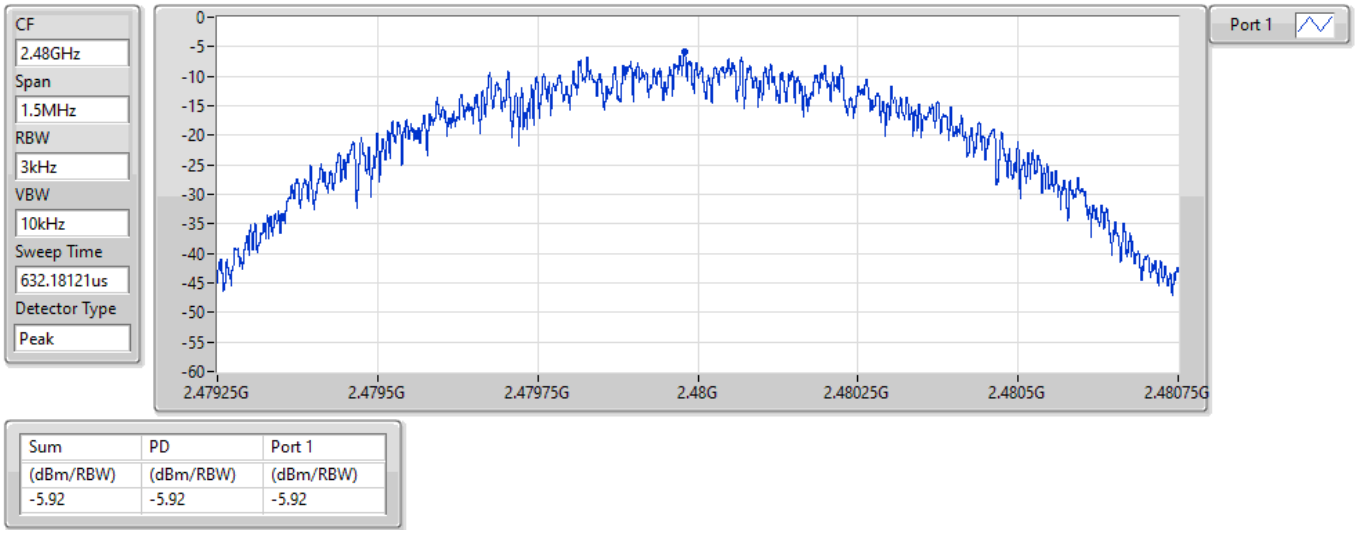
2440MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.17	-5.17	-5.17

BT-LE(1Mbps) PSD

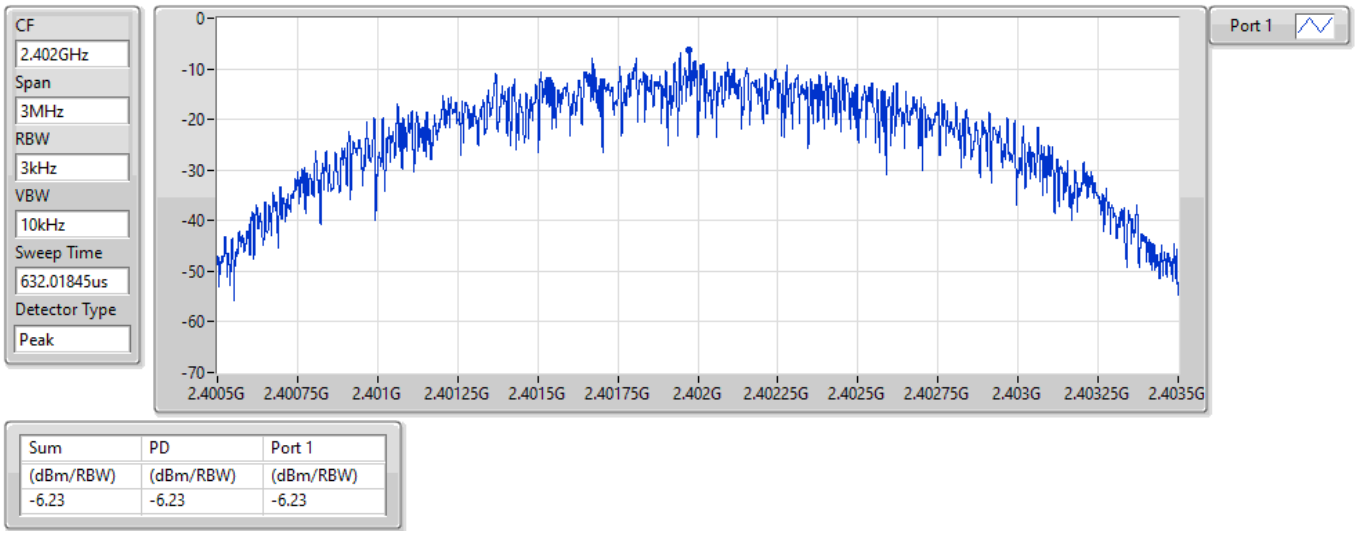
2480MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.92	-5.92	-5.92

BT-LE(2Mbps) PSD

2402MHz

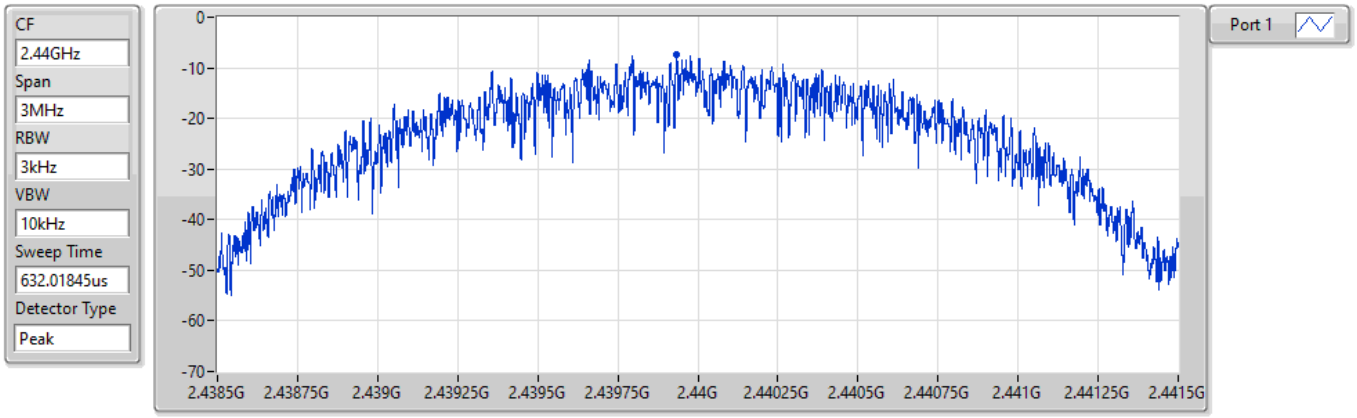


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.23	-6.23	-6.23

BT-LE(2Mbps) **PSD**

2440MHz

06/10/2022

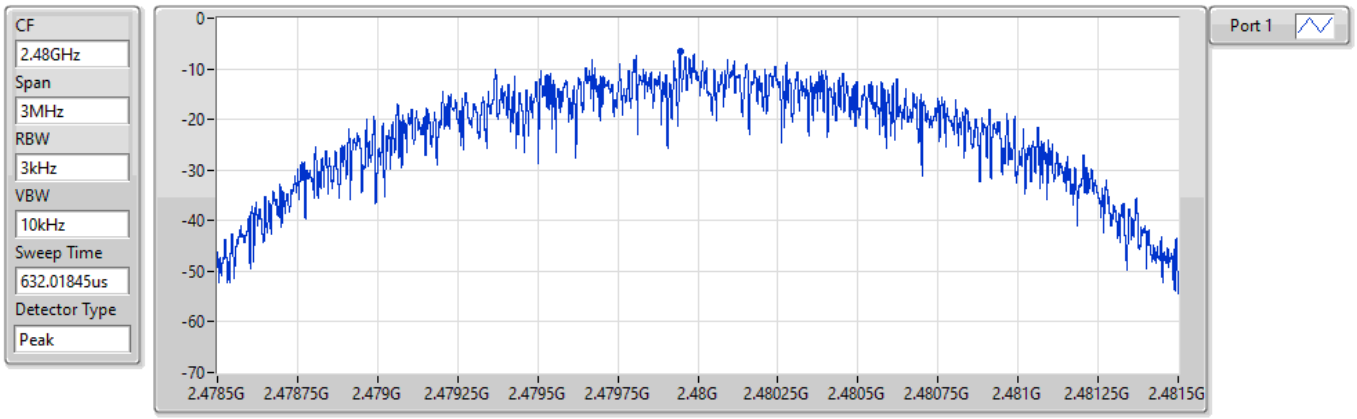


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.48	-7.48	-7.48

BT-LE(2Mbps) **PSD**

2480MHz

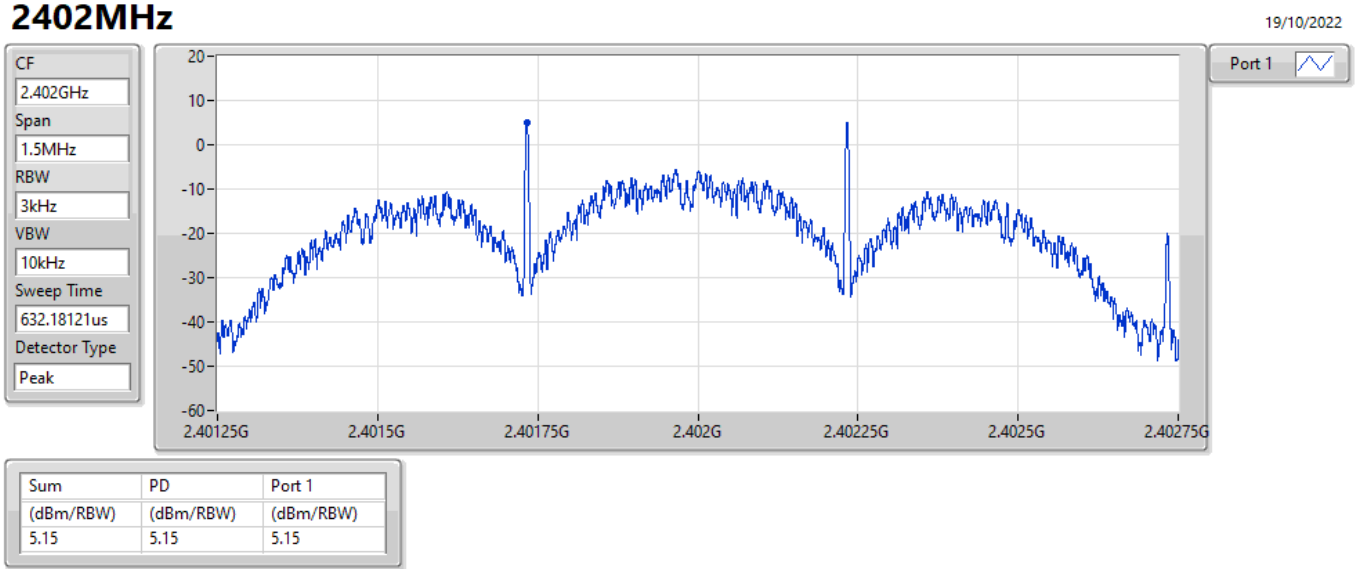
19/10/2022



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.52	-6.52	-6.52

BT-LE(125kbps) PSD

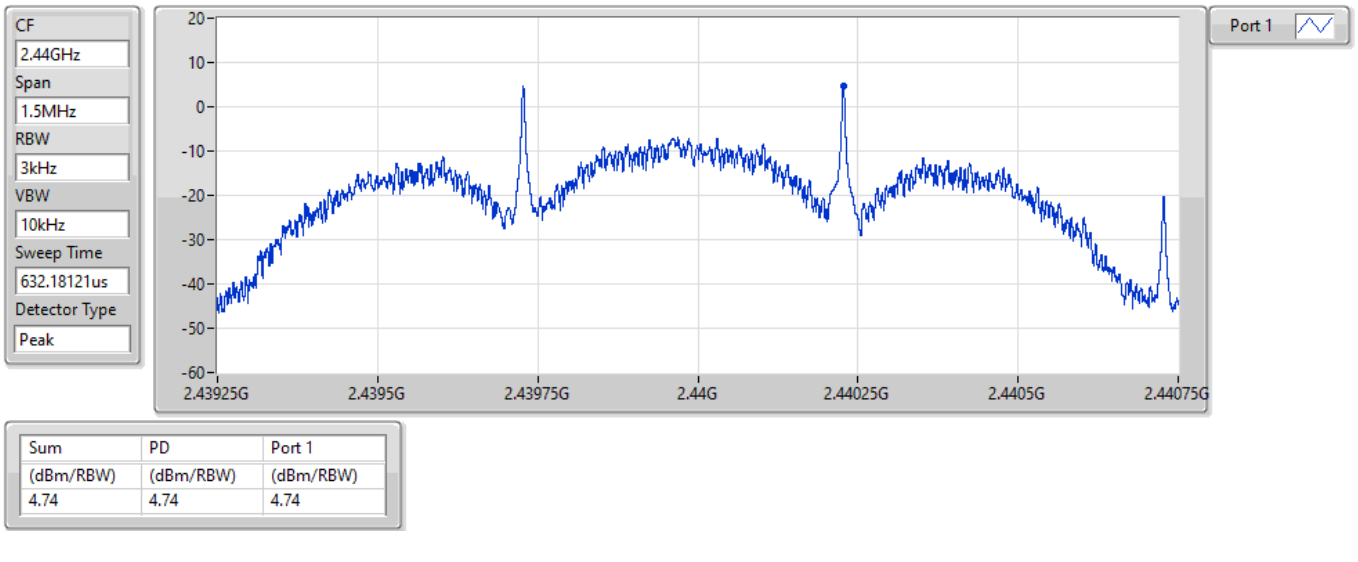
2402MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.15	5.15	5.15

BT-LE(125kbps) PSD

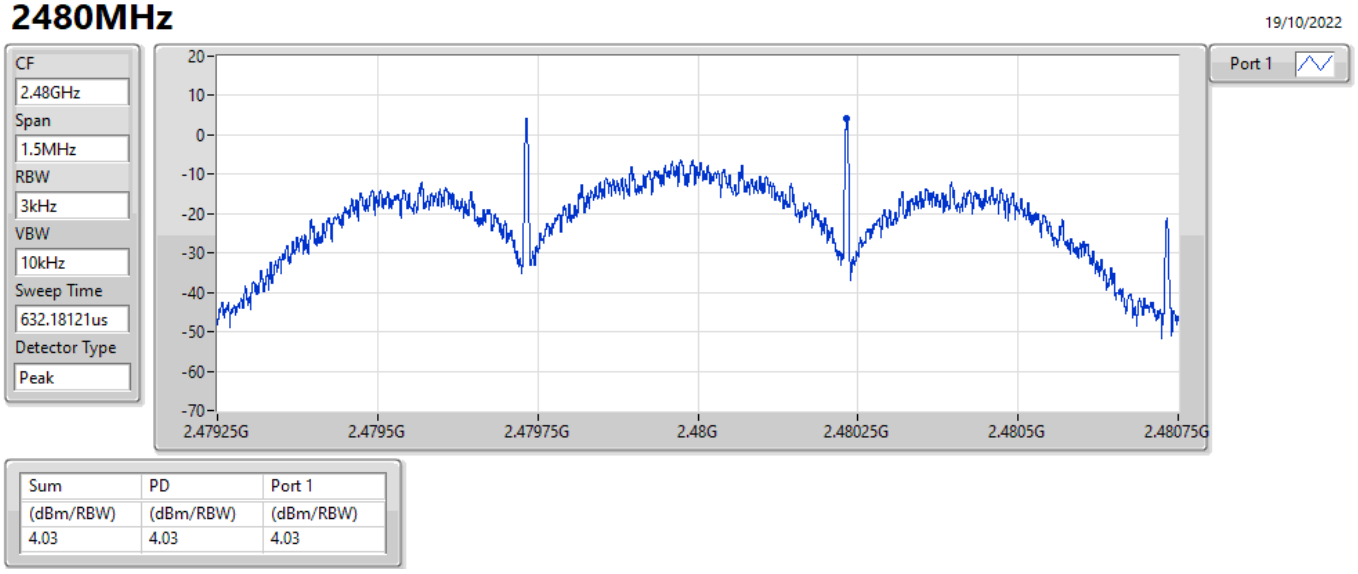
2440MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.74	4.74	4.74

BT-LE(125kbps) PSD

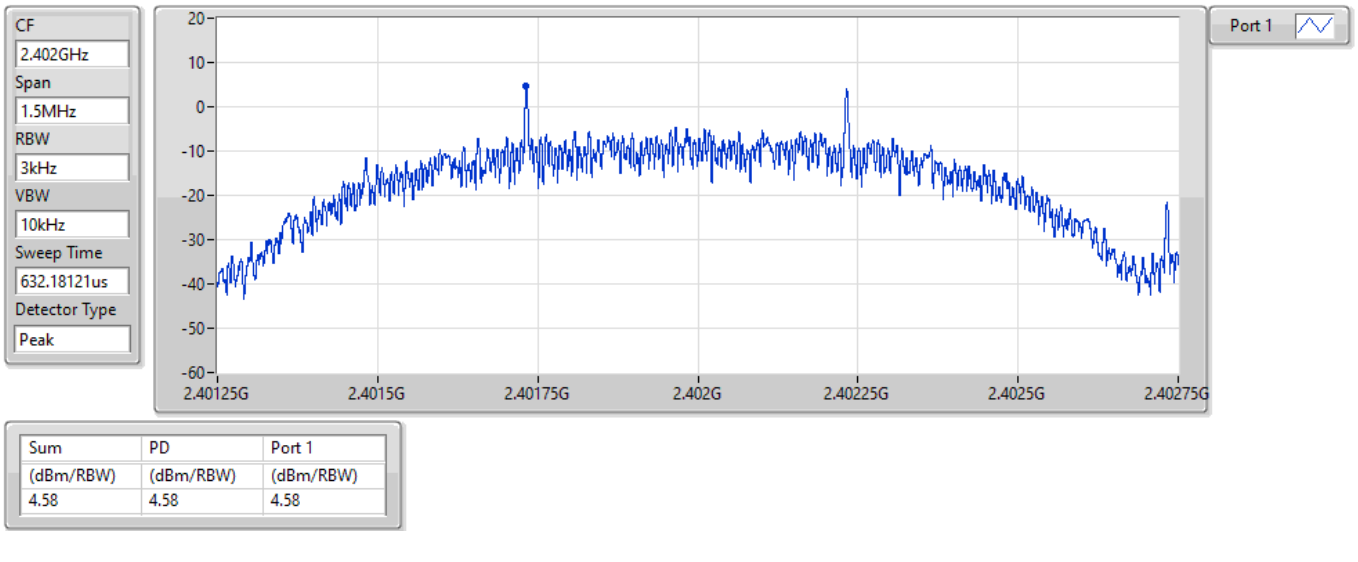
2480MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.03	4.03	4.03

BT-LE(500kbps) PSD

2402MHz

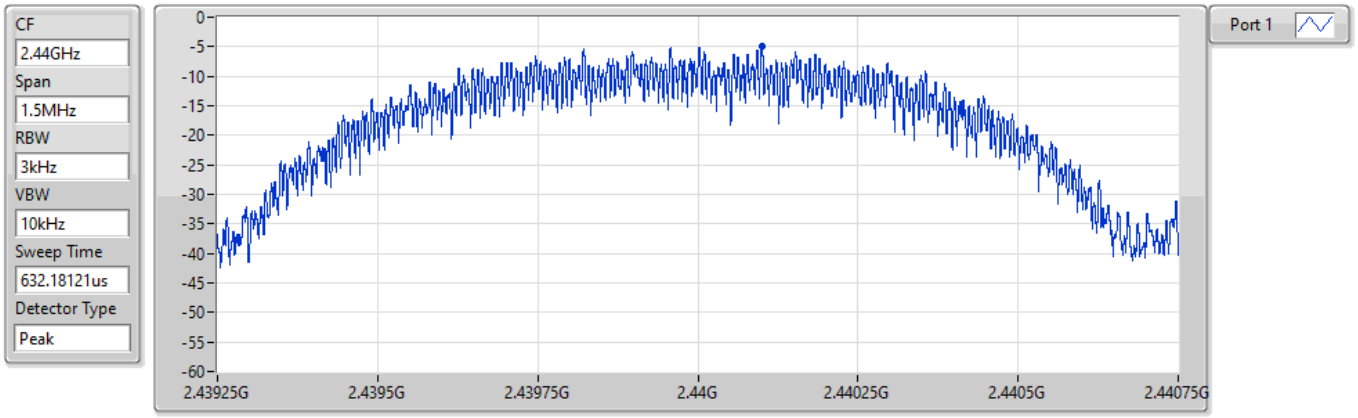


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.58	4.58	4.58

BT-LE(500kbps) **PSD**

2440MHz

06/10/2022

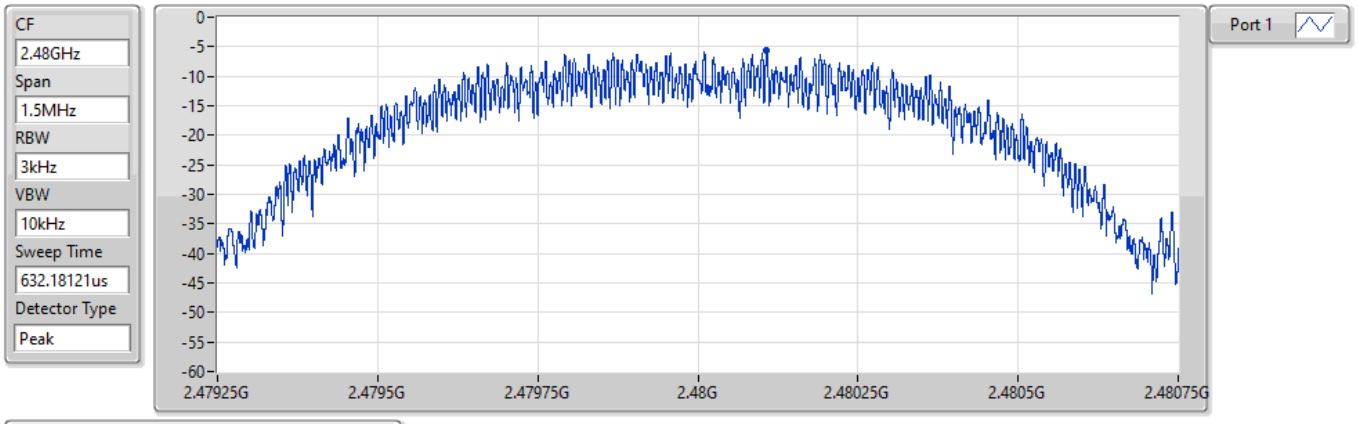


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.03	-5.03	-5.03

BT-LE(500kbps) **PSD**

2480MHz

19/10/2022



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.53	-5.53	-5.53

Summary

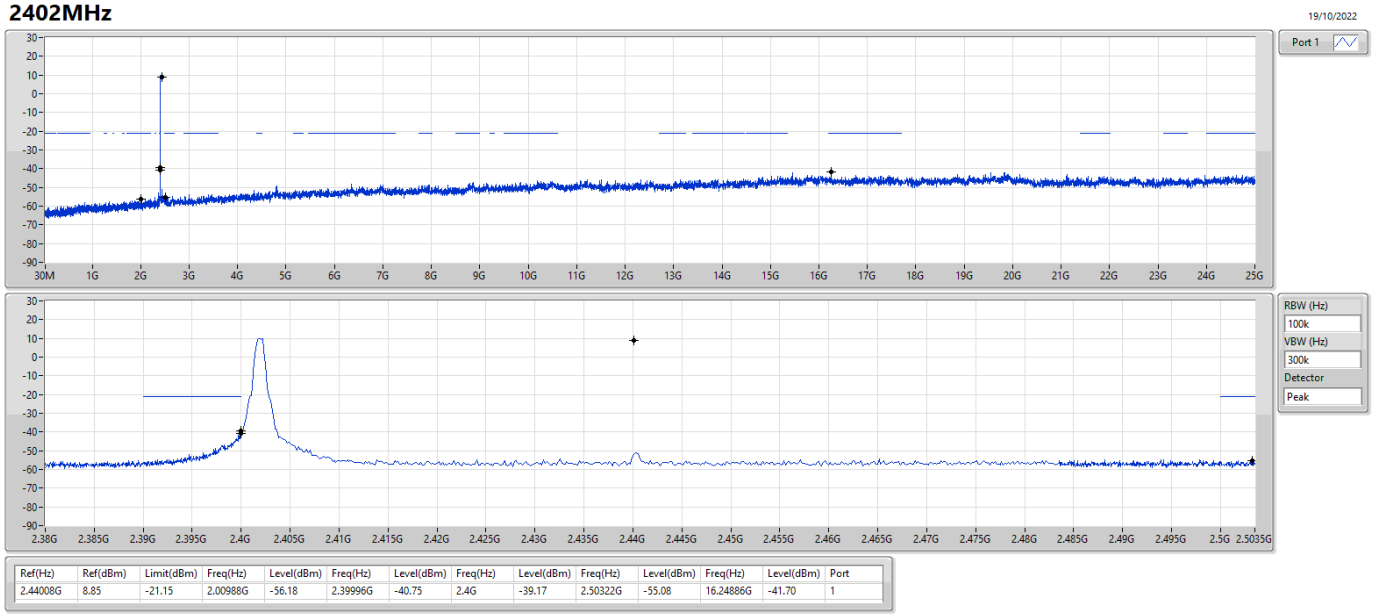
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BT-LE(1Mbps)	Pass	2.44008G	8.85	-21.15	2.00988G	-56.18	2.39996G	-40.75	2.4G	-39.17	2.50322G	-55.08	16.24886G	-41.70	1
BT-LE(2Mbps)	Pass	2.44008G	8.93	-21.07	2.12268G	-55.89	2.39996G	-22.88	2.4G	-22.37	2.50086G	-55.25	24.52195G	-43.26	1
BT-LE(125kbps)	Pass	2.43975G	6.28	-23.72	2.13913G	-56.84	2.39972G	-48.05	2.4G	-48.83	2.50206G	-55.23	24.78347G	-42.98	1
BT-LE(500kbps)	Pass	2.43991G	9.51	-20.49	2.14853G	-55.73	2.3998G	-41.98	2.4G	-41.21	2.50078G	-54.53	17.17965G	-42.24	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	2.44008G	8.85	-21.15	2.00988G	-56.18	2.39996G	-40.75	2.4G	-39.17	2.50322G	-55.08	16.24886G	-41.70	1
2440MHz	Pass	2.44008G	8.85	-21.15	2.30598G	-55.74	2.3982G	-55.57	2.4G	-57.16	2.5033G	-54.79	21.42587G	-43.27	1
2480MHz	Pass	2.44008G	8.85	-21.15	2.16733G	-55.69	2.39272G	-55.49	2.4G	-57.26	2.50014G	-54.52	24.15076G	-43.07	1
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.44008G	8.93	-21.07	2.12268G	-55.89	2.39996G	-22.88	2.4G	-22.37	2.50086G	-55.25	24.52195G	-43.26	1
2440MHz	Pass	2.44008G	8.93	-21.07	2.15558G	-56.89	2.39252G	-55.18	2.4G	-57.24	2.50346G	-54.74	24.53601G	-41.52	1
2480MHz	Pass	2.44008G	8.93	-21.07	2.10858G	-56.30	2.39736G	-55.16	2.4G	-57.33	2.50066G	-54.35	17.11779G	-41.65	1
BT-LE(125kbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.43975G	6.28	-23.72	2.13913G	-56.84	2.39972G	-48.05	2.4G	-48.83	2.50206G	-55.23	24.78347G	-42.98	1
2440MHz	Pass	2.43975G	6.28	-23.72	2.1356G	-56.44	2.39168G	-55.13	2.4G	-57.42	2.50342G	-54.73	24.19294G	-42.82	1
2480MHz	Pass	2.43975G	6.28	-23.72	2.30245G	-56.18	2.39292G	-55.02	2.4G	-57.33	2.5007G	-54.58	21.79144G	-42.83	1
BT-LE(500kbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.43991G	9.51	-20.49	2.14853G	-55.73	2.3998G	-41.98	2.4G	-41.21	2.50078G	-54.53	17.17965G	-42.24	1
2440MHz	Pass	2.43991G	9.51	-20.49	2.3095G	-56.36	2.39712G	-55.35	2.4G	-56.32	2.50154G	-55.11	24.21262G	-42.65	1
2480MHz	Pass	2.43991G	9.51	-20.49	1.8865G	-55.99	2.39992G	-55.77	2.4G	-57.41	2.5035G	-54.21	21.97422G	-43.15	1

BT-LE(1Mbps) **CSENdB-DTS**

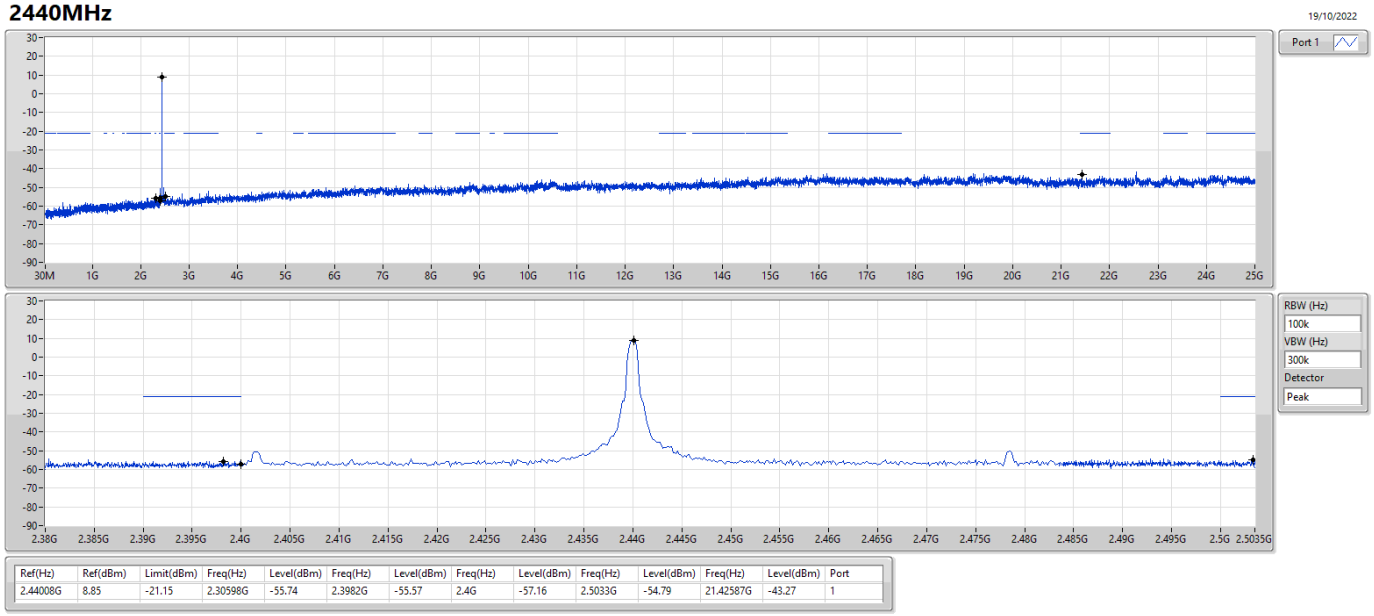
2402MHz



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
2.44008G	8.85	-21.15	2.00988G	-56.18	2.39996G	-40.75	2.4G	-39.17	2.50322G	-55.08	16.24886G	-41.70	1

BT-LE(1Mbps) **CSENdB-DTS**

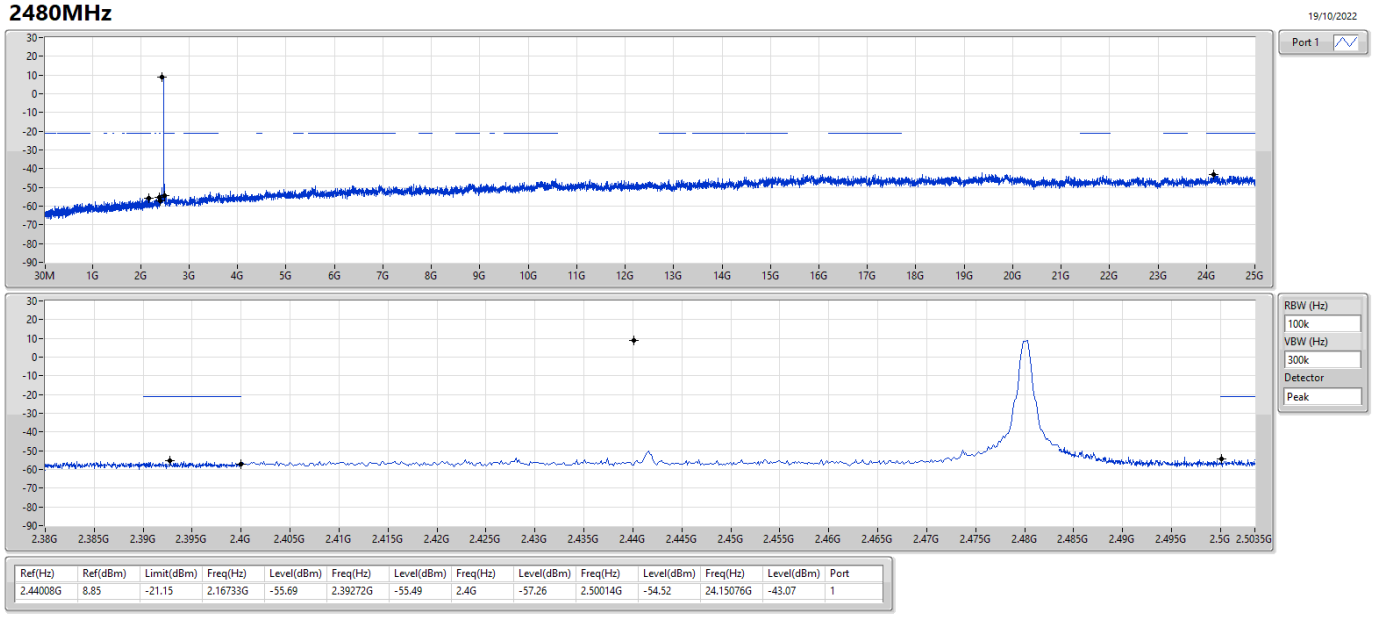
2440MHz



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
2.44008G	8.85	-21.15	2.30598G	-55.74	2.3982G	-55.57	2.4G	-57.16	2.5033G	-54.79	21.42587G	-43.27	1

BT-LE(1Mbps) **CSENdB-DTS**

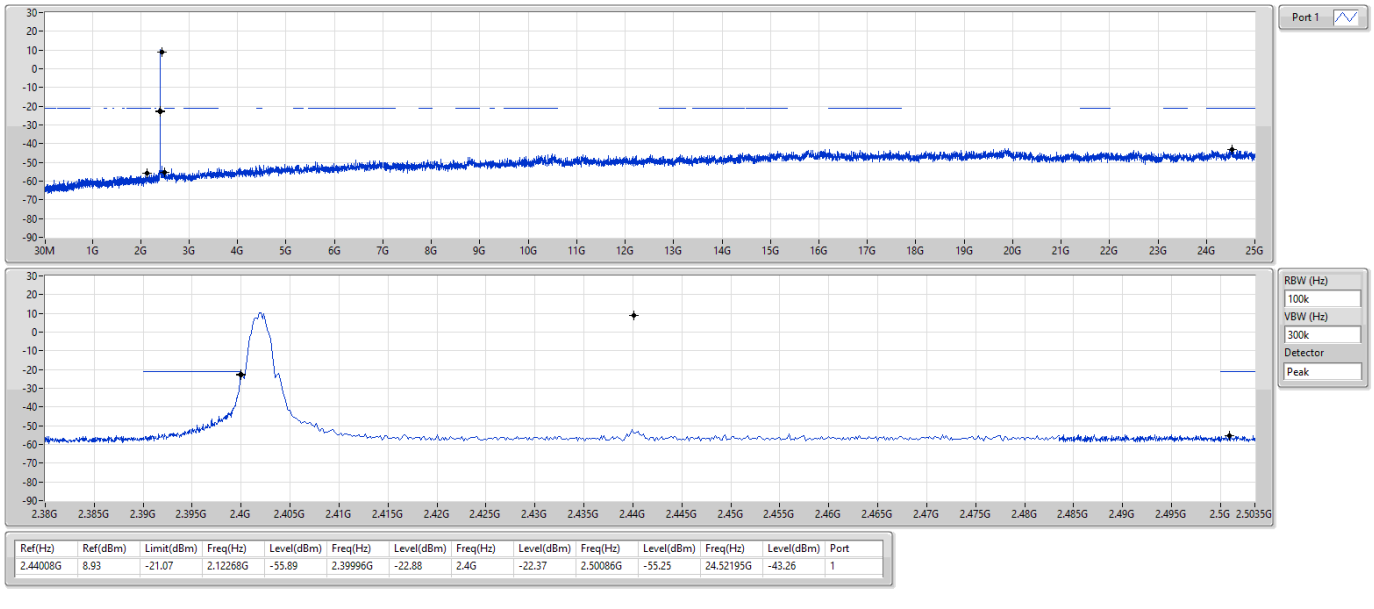
2480MHz



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
2.44008G	8.85	-21.15	2.16733G	-55.69	2.39272G	-55.49	2.4G	-57.26	2.50014G	-54.52	24.15076G	-43.07	1

BT-LE(2Mbps) **CSENdB-DTS**

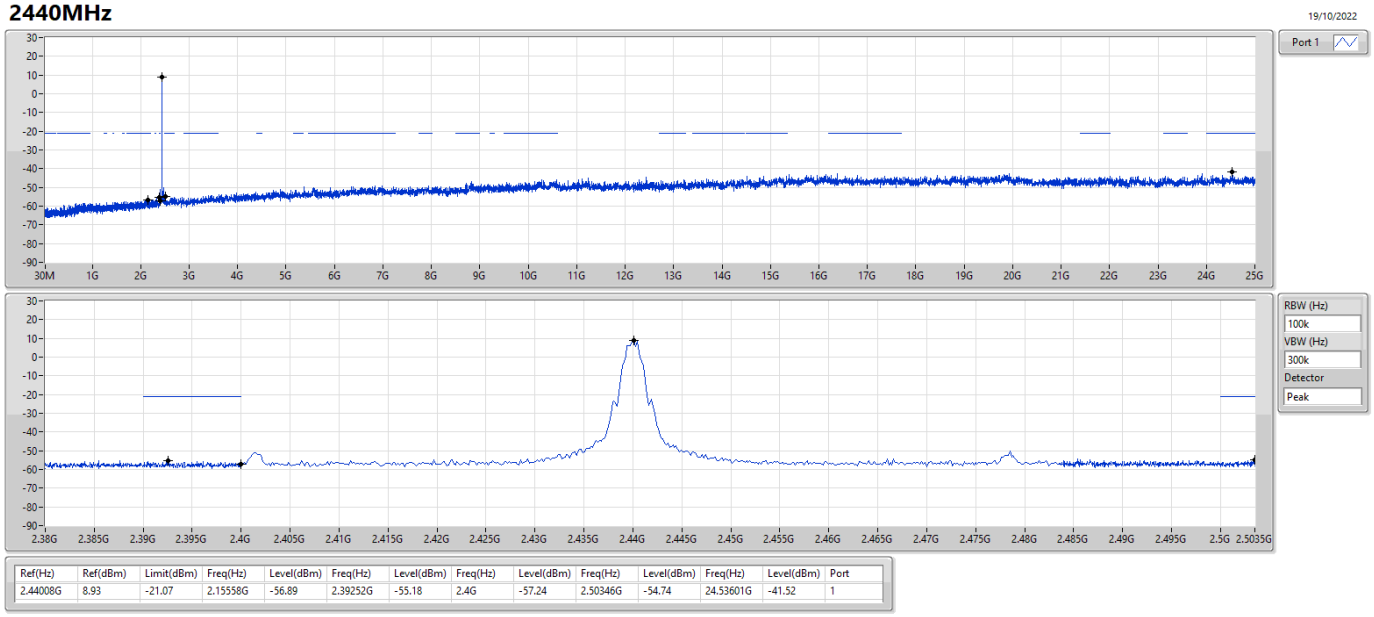
2402MHz



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
2.44008G	8.93	-21.07	2.12268G	-55.89	2.39996G	-22.88	2.4G	-22.37	2.50086G	-55.25	24.52195G	-43.26	1

BT-LE(2Mbps) **CSENdB-DTS**

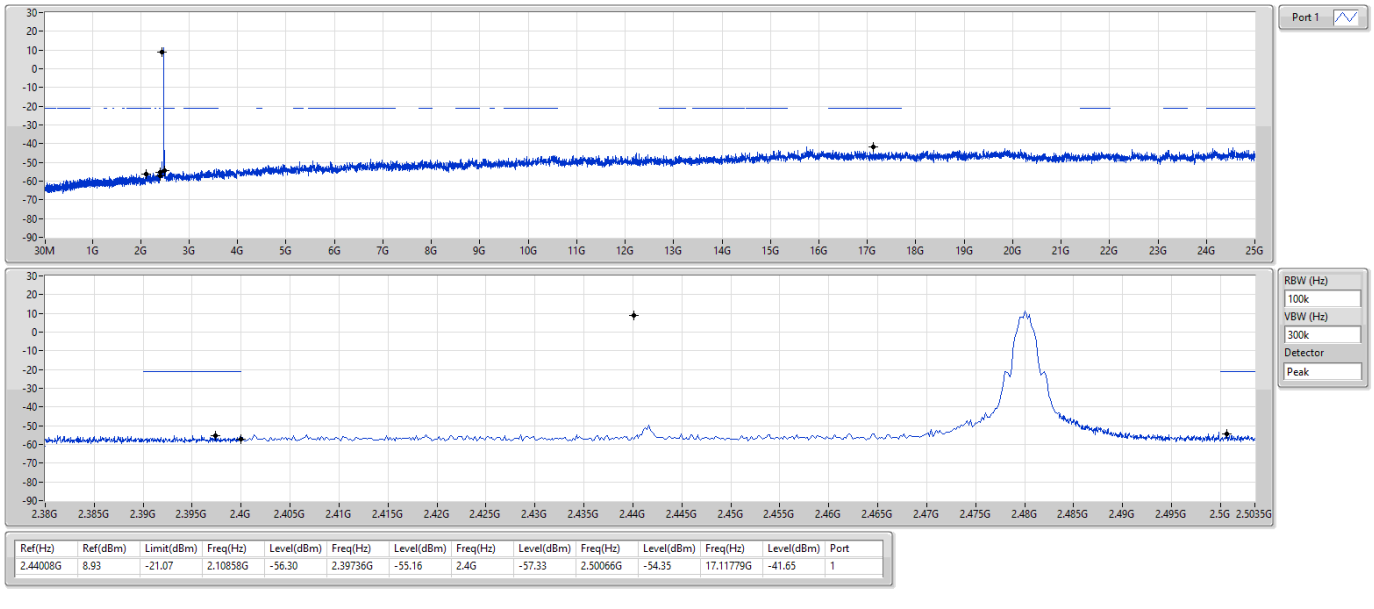
2440MHz



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
2.44008G	8.93	-21.07	2.15558G	-56.89	2.39252G	-55.18	2.4G	-57.24	2.50346G	-54.74	24.53601G	-41.52	1

BT-LE(2Mbps) **CSENdB-DTS**

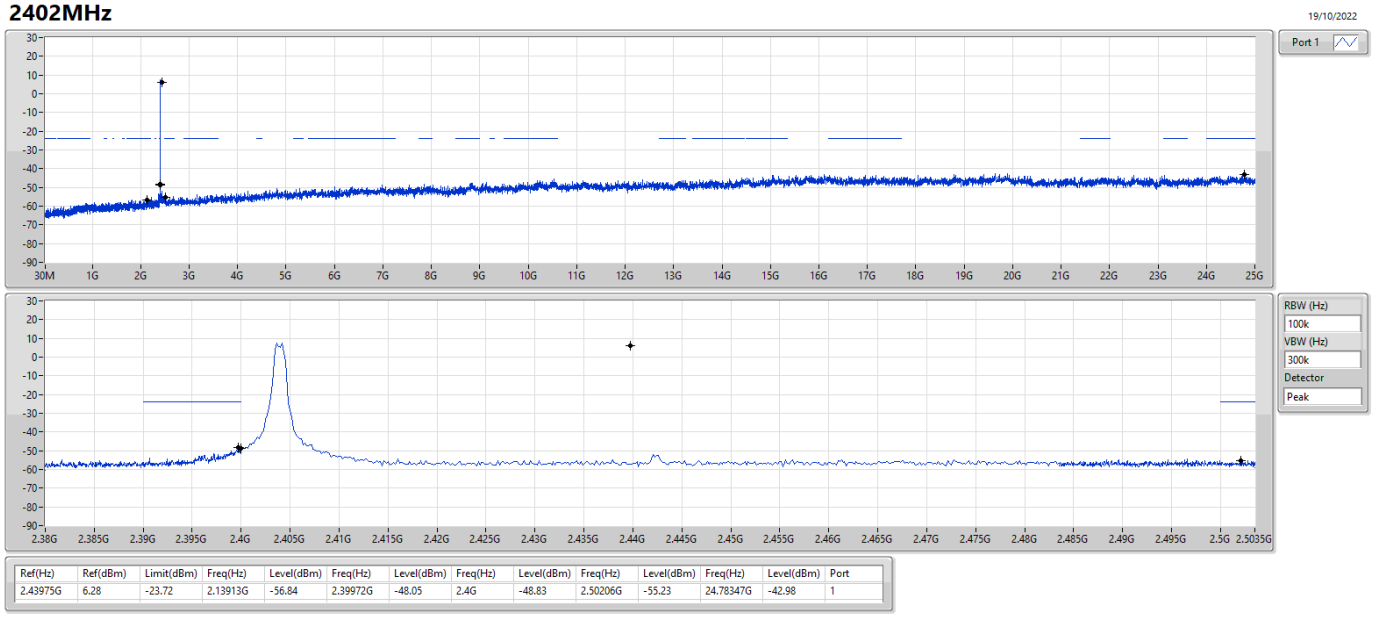
2480MHz



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
2.44008G	8.93	-21.07	2.10858G	-56.30	2.39736G	-55.16	2.4G	-57.33	2.50066G	-54.35	17.11779G	-41.65	1

BT-LE(125kbps) **CSENdB-DTS**

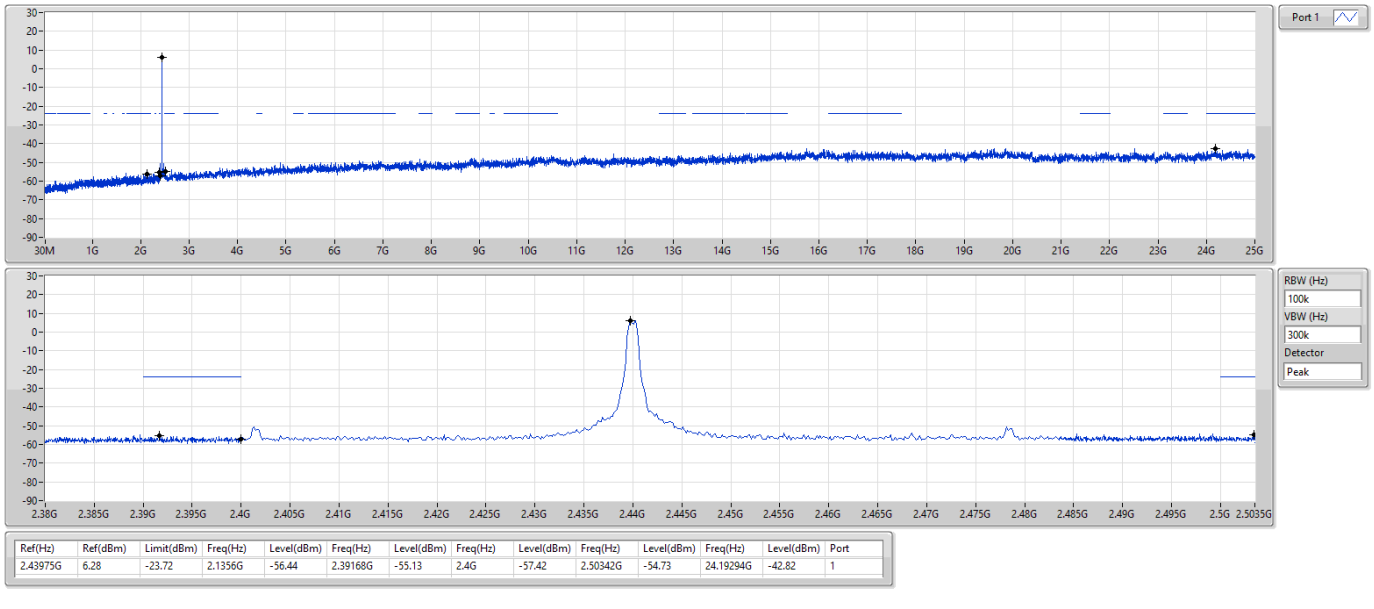
2402MHz



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
2.43975G	6.28	-23.72	2.13913G	-56.84	2.39972G	-48.05	2.4G	-48.83	2.50206G	-55.23	24.78347G	-42.98	1

BT-LE(125kbps) **CSENdB-DTS**

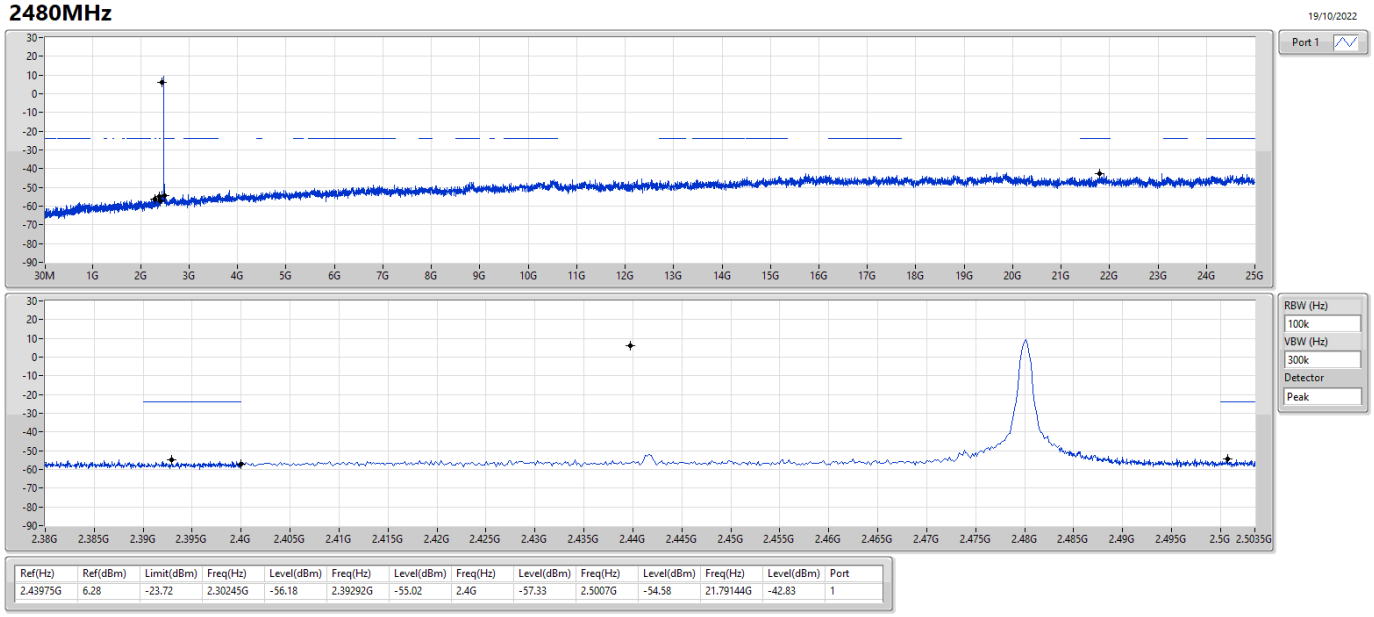
2440MHz



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
2.43975G	6.28	-23.72	2.1356G	-56.44	2.39168G	-55.13	2.4G	-57.42	2.50342G	-54.73	24.19294G	-42.82	1

BT-LE(125kbps) **CSENdB-DTS**

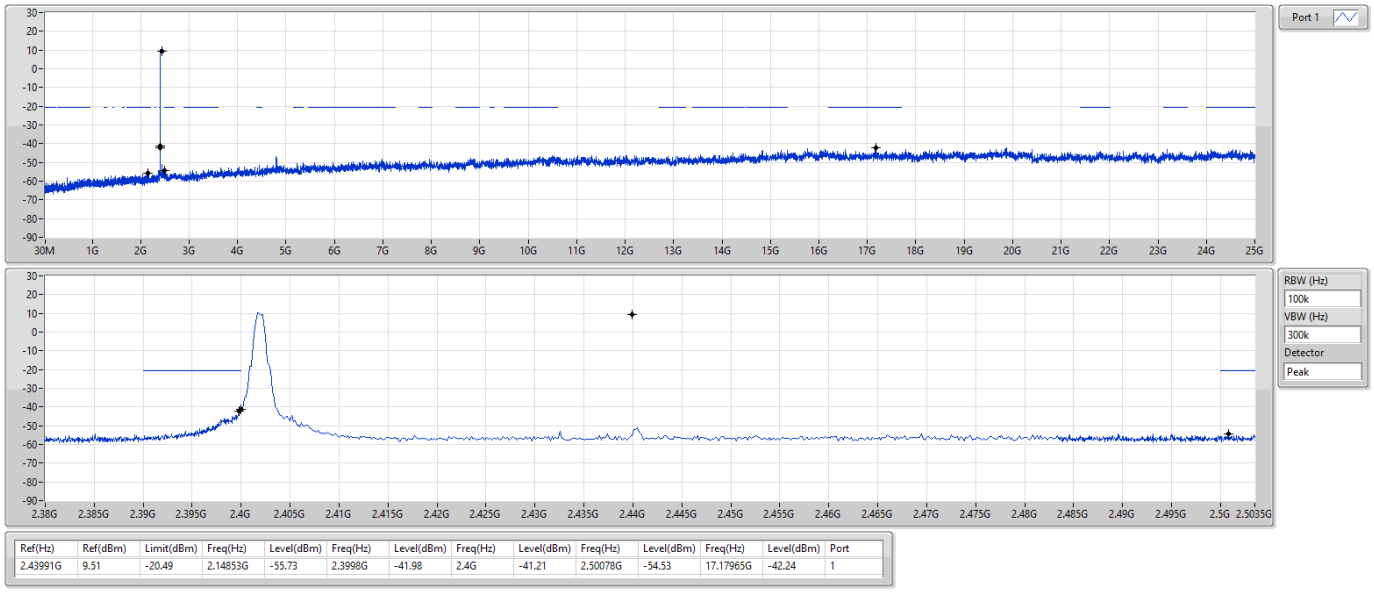
2480MHz



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
2.43975G	6.28	-23.72	2.30245G	-56.18	2.39292G	-55.02	2.4G	-57.33	2.5007G	-54.58	21.79144G	-42.83	1

BT-LE(500kbps) **CSENdB-DTS**

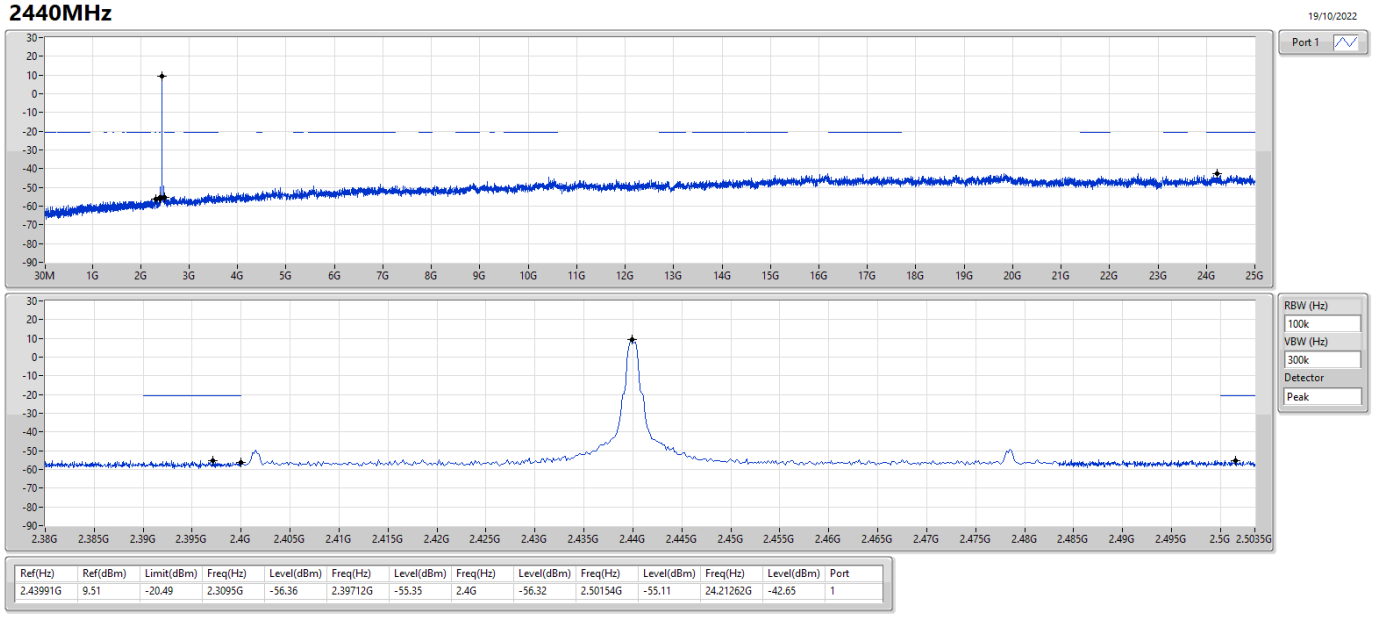
2402MHz



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
2.43991G	9.51	-20.49	2.14853G	-55.73	2.3998G	-41.98	2.4G	-41.21	2.50078G	-54.53	17.17965G	-42.24	1

BT-LE(500kbps) **CSENdB-DTS**

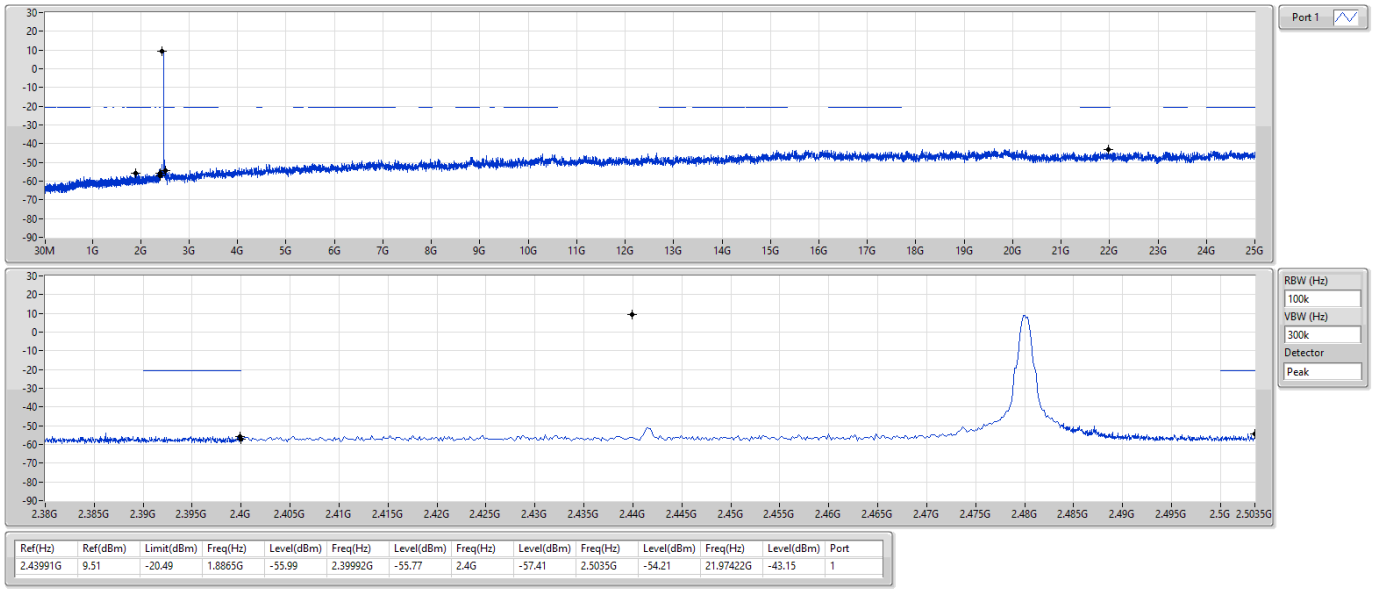
2440MHz



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
2.43991G	9.51	-20.49	2.3095G	-56.36	2.39712G	-55.35	2.4G	-56.32	2.50154G	-55.11	24.21262G	-42.65	1

BT-LE(500kbps) **CSENdB-DTS**

2480MHz



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
2.43991G	9.51	-20.49	1.8865G	-55.99	2.39992G	-55.77	2.4G	-57.41	2.5035G	-54.21	21.97422G	-43.15	1

Summary

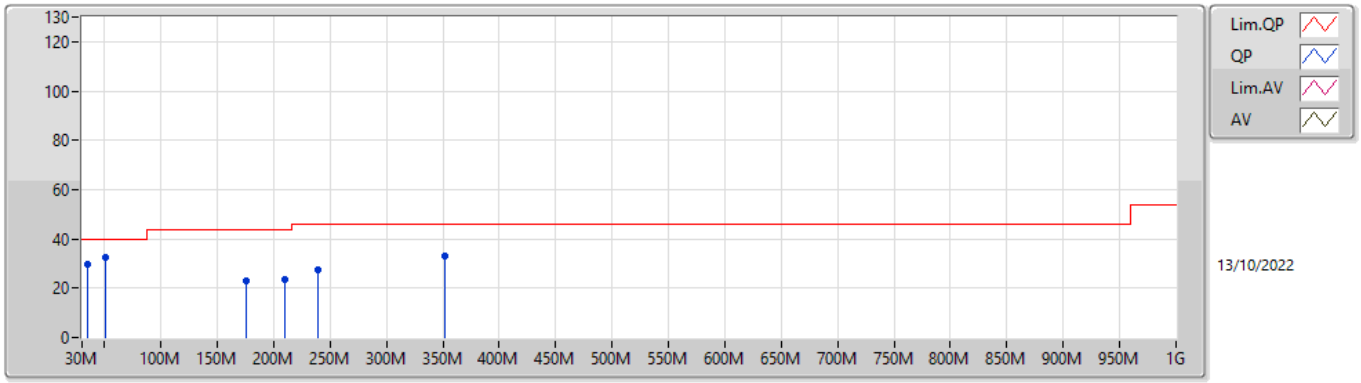
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
BT-LE(2Mbps)	Pass	PK	352.04M	42.03	46.00	-3.97	3	Horizontal	0	1.00	-

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	51.34M	32.62	40.00	-7.38	3	Vertical	360	1.00	-
2440MHz	Pass	PK	175.5M	23.25	43.50	-20.25	3	Vertical	360	1.00	-
2440MHz	Pass	PK	210.42M	23.36	43.50	-20.14	3	Vertical	360	1.00	-
2440MHz	Pass	PK	239.52M	27.57	46.00	-18.43	3	Vertical	360	1.00	-
2440MHz	Pass	PK	352.04M	32.79	46.00	-13.21	3	Vertical	360	1.00	-
2440MHz	Pass	QP	34.8M	29.81	40.00	-10.19	3	Vertical	25	1.06	-
2440MHz	Pass	PK	171.62M	27.54	43.50	-15.96	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	237.58M	31.07	46.00	-14.93	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	255.04M	29.14	46.00	-16.86	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	352.04M	39.58	46.00	-6.42	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	485.9M	28.88	46.00	-17.12	3	Horizontal	0	1.00	-
2440MHz	Pass	QP	49.96M	35.70	40.00	-4.30	3	Horizontal	222	1.14	-
2440MHz	Pass	PK	41.64M	33.25	40.00	-6.75	3	Vertical	360	1.00	-
2440MHz	Pass	PK	51.34M	30.74	40.00	-9.26	3	Vertical	360	1.00	-
2440MHz	Pass	PK	272.5M	26.19	46.00	-19.81	3	Vertical	360	1.00	-
2440MHz	Pass	PK	352.04M	33.48	46.00	-12.52	3	Vertical	360	1.00	-
2440MHz	Pass	PK	474.26M	31.30	46.00	-14.70	3	Vertical	360	1.00	-
2440MHz	Pass	PK	580.96M	31.64	46.00	-14.36	3	Vertical	360	1.00	-
2440MHz	Pass	PK	107.6M	27.72	43.50	-15.78	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	140.58M	25.67	43.50	-17.83	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	255.04M	26.97	46.00	-19.03	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	352.04M	42.03	46.00	-3.97	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	447.1M	31.60	46.00	-14.40	3	Horizontal	0	1.00	-
2440MHz	Pass	QP	39.03M	34.60	40.00	-5.40	3	Horizontal	269	2.07	-

BT-LE(2Mbps)

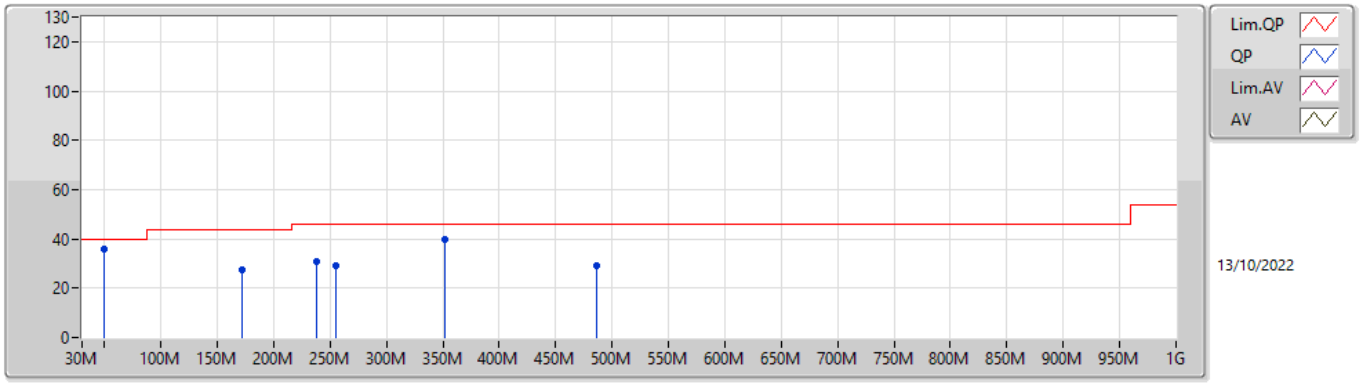
2440MHz_Adapter



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)
PK	51.34M	32.62	40.00	-7.38	-13.47	3	Vertical	360	1.00	-	46.09	12.94	1.05	27.46
PK	175.5M	23.25	43.50	-20.25	-11.02	3	Vertical	360	1.00	-	34.27	14.62	1.89	27.53
PK	210.42M	23.36	43.50	-20.14	-11.07	3	Vertical	360	1.00	-	34.43	14.21	2.08	27.36
PK	239.52M	27.57	46.00	-18.43	-8.58	3	Vertical	360	1.00	-	36.15	16.42	2.21	27.21
PK	352.04M	32.79	46.00	-13.21	-5.14	3	Vertical	360	1.00	-	37.93	19.65	2.72	27.51
QP	34.8M	29.81	40.00	-10.19	-5.00	3	Vertical	25	1.06	-	34.81	20.61	1.02	26.63

BT-LE(2Mbps)

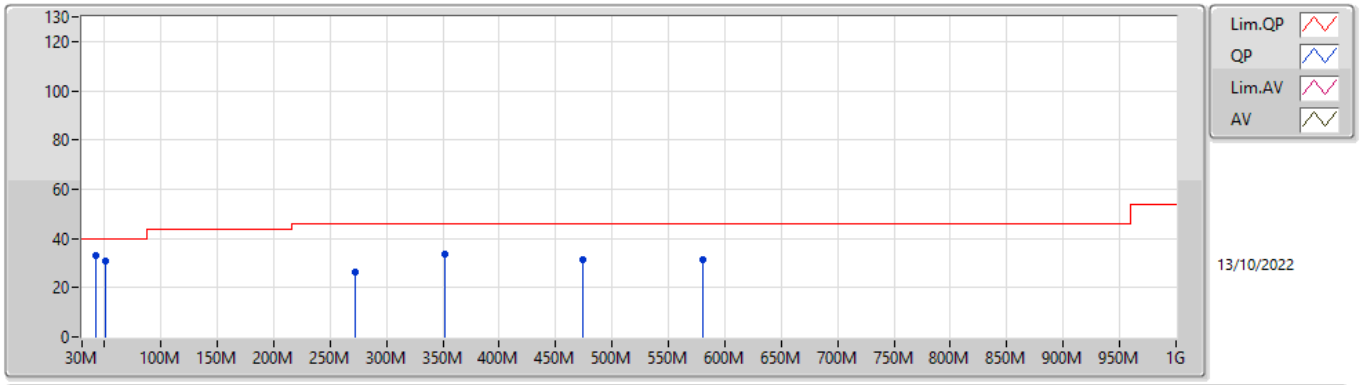
2440MHz_Adapter



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)
PK	171.62M	27.54	43.50	-15.96	-10.88	3	Horizontal	0	1.00	-	38.42	14.81	1.86	27.55
PK	237.58M	31.07	46.00	-14.93	-8.81	3	Horizontal	0	1.00	-	39.88	16.21	2.20	27.22
PK	255.04M	29.14	46.00	-16.86	-6.73	3	Horizontal	0	1.00	-	35.87	18.14	2.29	27.16
PK	352.04M	39.58	46.00	-6.42	-5.14	3	Horizontal	0	1.00	-	44.72	19.65	2.72	27.51
PK	485.9M	28.88	46.00	-17.12	-2.35	3	Horizontal	0	1.00	-	31.23	22.72	3.25	28.32
QP	49.96M	35.70	40.00	-4.30	-12.83	3	Horizontal	222	1.14	-	48.53	13.55	1.04	27.42

BT-LE(2Mbps)

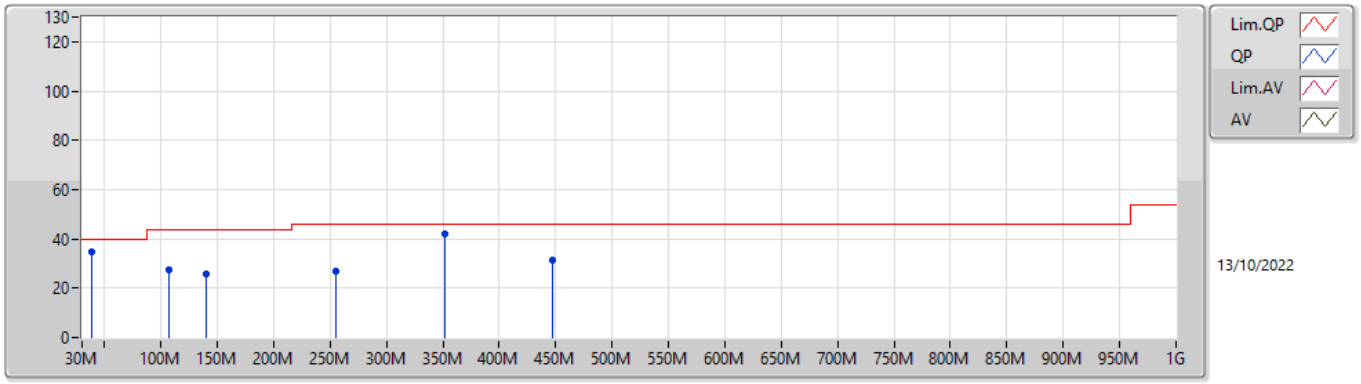
2440MHz_POE



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)
PK	41.64M	33.25	40.00	-6.75	-8.86	3	Vertical	360	1.00	-	42.11	17.03	1.03	26.92
PK	51.34M	30.74	40.00	-9.26	-13.47	3	Vertical	360	1.00	-	44.21	12.94	1.05	27.46
PK	272.5M	26.19	46.00	-19.81	-6.76	3	Vertical	360	1.00	-	32.95	18.04	2.37	27.17
PK	352.04M	33.48	46.00	-12.52	-5.14	3	Vertical	360	1.00	-	38.62	19.65	2.72	27.51
PK	474.26M	31.30	46.00	-14.70	-2.50	3	Vertical	360	1.00	-	33.80	22.61	3.19	28.30
PK	580.96M	31.64	46.00	-14.36	-1.05	3	Vertical	360	1.00	-	32.69	23.95	3.52	28.52

BT-LE(2Mbps)

2440MHz_POE



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)
PK	107.6M	27.72	43.50	-15.78	-9.44	3	Horizontal	0	1.00	-	37.16	16.89	1.47	27.80
PK	140.58M	25.67	43.50	-17.83	-9.73	3	Horizontal	0	1.00	-	35.40	16.32	1.67	27.72
PK	255.04M	26.97	46.00	-19.03	-6.73	3	Horizontal	0	1.00	-	33.70	18.14	2.29	27.16
PK	352.04M	42.03	46.00	-3.97	-5.14	3	Horizontal	0	1.00	-	47.17	19.65	2.72	27.51
PK	447.1M	31.60	46.00	-14.40	-3.33	3	Horizontal	0	1.00	-	34.93	21.85	3.07	28.25
QP	39.03M	34.60	40.00	-5.40	-7.33	3	Horizontal	269	2.07	-	41.93	18.41	1.03	26.77

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	2.4835G	53.79	54.00	-0.21	3	Horizontal	321	2.09	-
BT-LE(2Mbps)	Pass	AV	2.4835G	53.74	54.00	-0.26	3	Horizontal	323	1.69	-
BT-LE(125kbps)	Pass	AV	2.4835G	53.62	54.00	-0.38	3	Horizontal	320	2.08	-
BT-LE(500kbps)	Pass	AV	2.4835G	53.84	54.00	-0.16	3	Horizontal	321	2.07	-

Result

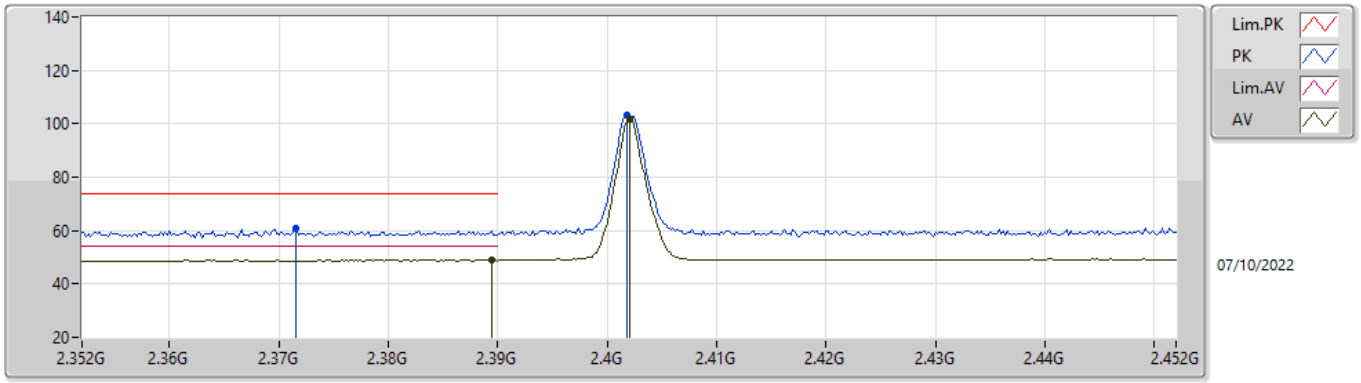
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
BT-LE(1Mbps)	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3894G	48.97	54.00	-5.03	3	Vertical	213	2.93	-
2402MHz	Pass	AV	2.402G	101.59	Inf	-Inf	3	Vertical	213	2.93	-
2402MHz	Pass	PK	2.3716G	60.73	74.00	-13.27	3	Vertical	213	2.93	-
2402MHz	Pass	PK	2.4018G	103.05	Inf	-Inf	3	Vertical	213	2.93	-
2402MHz	Pass	AV	2.3634G	49.37	54.00	-4.63	3	Horizontal	307	2.64	-
2402MHz	Pass	AV	2.402G	107.39	Inf	-Inf	3	Horizontal	307	2.64	-
2402MHz	Pass	PK	2.3854G	60.61	74.00	-13.39	3	Horizontal	307	2.64	-
2402MHz	Pass	PK	2.4018G	108.77	Inf	-Inf	3	Horizontal	307	2.64	-
2402MHz	Pass	AV	4.80407G	36.86	54.00	-17.14	3	Vertical	181	1.24	-
2402MHz	Pass	PK	4.80345G	48.80	74.00	-25.20	3	Vertical	181	1.24	-
2402MHz	Pass	AV	4.80406G	41.46	54.00	-12.54	3	Horizontal	49	1.28	-
2402MHz	Pass	PK	4.80437G	51.01	74.00	-22.99	3	Horizontal	49	1.28	-
2440MHz	Pass	AV	2.3804G	48.87	54.00	-5.13	3	Vertical	92	2.14	-
2440MHz	Pass	AV	2.44G	99.11	Inf	-Inf	3	Vertical	92	2.14	-
2440MHz	Pass	AV	2.4976G	49.41	54.00	-4.59	3	Vertical	92	2.14	-
2440MHz	Pass	PK	2.3428G	60.45	74.00	-13.55	3	Vertical	92	2.14	-
2440MHz	Pass	PK	2.4396G	100.49	Inf	-Inf	3	Vertical	92	2.14	-
2440MHz	Pass	PK	2.4968G	60.18	74.00	-13.82	3	Vertical	92	2.14	-
2440MHz	Pass	AV	2.39G	48.93	54.00	-5.07	3	Horizontal	313	2.18	-
2440MHz	Pass	AV	2.44G	106.63	Inf	-Inf	3	Horizontal	313	2.18	-
2440MHz	Pass	AV	2.4896G	49.46	54.00	-4.54	3	Horizontal	313	2.18	-
2440MHz	Pass	PK	2.3764G	60.50	74.00	-13.50	3	Horizontal	313	2.18	-
2440MHz	Pass	PK	2.4404G	108.07	Inf	-Inf	3	Horizontal	313	2.18	-
2440MHz	Pass	PK	2.4912G	61.23	74.00	-12.77	3	Horizontal	313	2.18	-
2440MHz	Pass	AV	4.88022G	38.15	54.00	-15.85	3	Vertical	181	1.00	-
2440MHz	Pass	PK	4.87964G	49.57	74.00	-24.43	3	Vertical	181	1.00	-
2440MHz	Pass	AV	4.88002G	45.08	54.00	-8.92	3	Horizontal	17	2.60	-
2440MHz	Pass	PK	4.88031G	53.65	74.00	-20.35	3	Horizontal	17	2.60	-
2480MHz	Pass	AV	2.48G	96.58	Inf	-Inf	3	Vertical	263	1.43	-
2480MHz	Pass	AV	2.4835G	47.65	54.00	-6.35	3	Vertical	263	1.43	-
2480MHz	Pass	PK	2.48G	97.97	Inf	-Inf	3	Vertical	263	1.43	-
2480MHz	Pass	PK	2.4835G	55.82	74.00	-18.18	3	Vertical	263	1.43	-
2480MHz	Pass	AV	2.48G	103.14	Inf	-Inf	3	Horizontal	321	2.09	-
2480MHz	Pass	AV	2.4835G	53.79	54.00	-0.21	3	Horizontal	321	2.09	-
2480MHz	Pass	PK	2.4798G	104.54	Inf	-Inf	3	Horizontal	321	2.09	-
2480MHz	Pass	PK	2.4835G	60.26	74.00	-13.74	3	Horizontal	321	2.09	-
2480MHz	Pass	AV	4.95995G	37.77	54.00	-16.23	3	Vertical	204	1.41	-
2480MHz	Pass	PK	4.96036G	49.33	74.00	-24.67	3	Vertical	204	1.41	-
2480MHz	Pass	AV	4.96001G	43.55	54.00	-10.45	3	Horizontal	360	1.98	-
2480MHz	Pass	PK	4.95953G	52.68	74.00	-21.32	3	Horizontal	360	1.98	-
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.383G	48.96	54.00	-5.04	3	Vertical	211	2.94	-
2402MHz	Pass	AV	2.402G	98.62	Inf	-Inf	3	Vertical	211	2.94	-
2402MHz	Pass	PK	2.3704G	60.27	74.00	-13.73	3	Vertical	211	2.94	-
2402MHz	Pass	PK	2.4016G	102.13	Inf	-Inf	3	Vertical	211	2.94	-
2402MHz	Pass	AV	2.3634G	49.11	54.00	-4.89	3	Horizontal	313	2.63	-
2402MHz	Pass	AV	2.402G	104.67	Inf	-Inf	3	Horizontal	313	2.63	-
2402MHz	Pass	PK	2.387G	61.01	74.00	-12.99	3	Horizontal	313	2.63	-
2402MHz	Pass	PK	2.4016G	108.08	Inf	-Inf	3	Horizontal	313	2.63	-
2402MHz	Pass	AV	4.80298G	35.40	54.00	-18.60	3	Vertical	183	1.39	-
2402MHz	Pass	PK	4.80313G	48.29	74.00	-25.71	3	Vertical	183	1.39	-
2402MHz	Pass	AV	4.80497G	40.15	54.00	-13.85	3	Horizontal	360	2.53	-
2402MHz	Pass	PK	4.80289G	51.99	74.00	-22.01	3	Horizontal	360	2.53	-
2440MHz	Pass	AV	2.3792G	48.93	54.00	-5.07	3	Vertical	92	2.16	-
2440MHz	Pass	AV	2.44G	97.82	Inf	-Inf	3	Vertical	92	2.16	-
2440MHz	Pass	AV	2.4968G	49.47	54.00	-4.53	3	Vertical	92	2.16	-
2440MHz	Pass	PK	2.3588G	59.65	74.00	-14.35	3	Vertical	92	2.16	-
2440MHz	Pass	PK	2.4396G	101.34	Inf	-Inf	3	Vertical	92	2.16	-
2440MHz	Pass	PK	2.4936G	61.07	74.00	-12.93	3	Vertical	92	2.16	-
2440MHz	Pass	AV	2.3832G	48.95	54.00	-5.05	3	Horizontal	313	2.59	-

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	104.73	Inf	-Inf	3	Horizontal	313	2.59	-
2440MHz	Pass	AV	2.4916G	49.51	54.00	-4.49	3	Horizontal	313	2.59	-
2440MHz	Pass	PK	2.3444G	59.77	74.00	-14.23	3	Horizontal	313	2.59	-
2440MHz	Pass	PK	2.44G	109.11	Inf	-Inf	3	Horizontal	313	2.59	-
2440MHz	Pass	PK	2.4835G	60.92	74.00	-13.08	3	Horizontal	313	2.59	-
2440MHz	Pass	AV	4.88082G	36.51	54.00	-17.49	3	Vertical	183	1.00	-
2440MHz	Pass	PK	4.87881G	48.87	74.00	-25.13	3	Vertical	183	1.00	-
2440MHz	Pass	AV	4.8809G	41.77	54.00	-12.23	3	Horizontal	360	2.13	-
2440MHz	Pass	PK	4.8809G	52.69	74.00	-21.31	3	Horizontal	360	2.13	-
2480MHz	Pass	AV	2.48G	93.29	Inf	-Inf	3	Vertical	266	1.10	-
2480MHz	Pass	AV	2.4835G	48.45	54.00	-5.55	3	Vertical	266	1.10	-
2480MHz	Pass	PK	2.4804G	96.80	Inf	-Inf	3	Vertical	266	1.10	-
2480MHz	Pass	PK	2.4835G	57.37	74.00	-16.63	3	Vertical	266	1.10	-
2480MHz	Pass	AV	2.48G	99.65	Inf	-Inf	3	Horizontal	323	1.69	-
2480MHz	Pass	AV	2.4835G	53.74	54.00	-0.26	3	Horizontal	323	1.69	-
2480MHz	Pass	PK	2.48G	103.04	Inf	-Inf	3	Horizontal	323	1.69	-
2480MHz	Pass	PK	2.4835G	64.49	74.00	-9.51	3	Horizontal	323	1.69	-
2480MHz	Pass	AV	4.96086G	36.19	54.00	-17.81	3	Vertical	204	1.40	-
2480MHz	Pass	PK	4.95941G	48.88	74.00	-25.12	3	Vertical	204	1.40	-
2480MHz	Pass	AV	4.96094G	39.12	54.00	-14.88	3	Horizontal	360	1.86	-
2480MHz	Pass	PK	4.96091G	51.50	74.00	-22.50	3	Horizontal	360	1.86	-
BT-LE(125kbps)	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3636G	48.69	54.00	-5.31	3	Vertical	210	2.93	-
2402MHz	Pass	AV	2.402G	100.36	Inf	-Inf	3	Vertical	210	2.93	-
2402MHz	Pass	PK	2.3628G	60.59	74.00	-13.41	3	Vertical	210	2.93	-
2402MHz	Pass	PK	2.4018G	102.44	Inf	-Inf	3	Vertical	210	2.93	-
2402MHz	Pass	AV	2.3634G	49.07	54.00	-4.93	3	Horizontal	313	2.63	-
2402MHz	Pass	AV	2.402G	106.28	Inf	-Inf	3	Horizontal	313	2.63	-
2402MHz	Pass	PK	2.3594G	60.23	74.00	-13.77	3	Horizontal	313	2.63	-
2402MHz	Pass	PK	2.4018G	108.35	Inf	-Inf	3	Horizontal	313	2.63	-
2402MHz	Pass	AV	4.8035G	36.23	54.00	-17.77	3	Vertical	41	1.12	-
2402MHz	Pass	PK	4.80472G	48.76	74.00	-25.24	3	Vertical	41	1.12	-
2402MHz	Pass	AV	4.8042G	41.83	54.00	-12.17	3	Horizontal	14	2.53	-
2402MHz	Pass	PK	4.80335G	52.40	74.00	-21.60	3	Horizontal	14	2.53	-
2440MHz	Pass	AV	2.3852G	48.72	54.00	-5.28	3	Vertical	92	2.15	-
2440MHz	Pass	AV	2.44G	99.65	Inf	-Inf	3	Vertical	92	2.15	-
2440MHz	Pass	AV	2.4936G	49.26	54.00	-4.74	3	Vertical	92	2.15	-
2440MHz	Pass	PK	2.3524G	59.93	74.00	-14.07	3	Vertical	92	2.15	-
2440MHz	Pass	PK	2.4396G	101.69	Inf	-Inf	3	Vertical	92	2.15	-
2440MHz	Pass	PK	2.4952G	61.46	74.00	-12.54	3	Vertical	92	2.15	-
2440MHz	Pass	AV	2.3776G	48.68	54.00	-5.32	3	Horizontal	315	2.60	-
2440MHz	Pass	AV	2.44G	107.32	Inf	-Inf	3	Horizontal	315	2.60	-
2440MHz	Pass	AV	2.4848G	49.24	54.00	-4.76	3	Horizontal	315	2.60	-
2440MHz	Pass	PK	2.3864G	60.79	74.00	-13.21	3	Horizontal	315	2.60	-
2440MHz	Pass	PK	2.4404G	109.36	Inf	-Inf	3	Horizontal	315	2.60	-
2440MHz	Pass	PK	2.4868G	61.45	74.00	-12.55	3	Horizontal	315	2.60	-
2440MHz	Pass	AV	4.88042G	37.29	54.00	-16.71	3	Vertical	183	1.50	-
2440MHz	Pass	PK	4.87929G	49.50	74.00	-24.50	3	Vertical	183	1.50	-
2440MHz	Pass	AV	4.88025G	42.95	54.00	-11.05	3	Horizontal	17	2.61	-
2440MHz	Pass	PK	4.88042G	52.98	74.00	-21.02	3	Horizontal	17	2.61	-
2480MHz	Pass	AV	2.48G	97.74	Inf	-Inf	3	Vertical	263	1.45	-
2480MHz	Pass	AV	2.4835G	48.88	54.00	-5.12	3	Vertical	263	1.45	-
2480MHz	Pass	PK	2.4798G	99.77	Inf	-Inf	3	Vertical	263	1.45	-
2480MHz	Pass	PK	2.4835G	56.86	74.00	-17.14	3	Vertical	263	1.45	-
2480MHz	Pass	AV	2.48G	102.90	Inf	-Inf	3	Horizontal	320	2.08	-
2480MHz	Pass	AV	2.4835G	53.62	54.00	-0.38	3	Horizontal	320	2.08	-
2480MHz	Pass	PK	2.4798G	104.94	Inf	-Inf	3	Horizontal	320	2.08	-
2480MHz	Pass	PK	2.4835G	64.15	74.00	-9.85	3	Horizontal	320	2.08	-
2480MHz	Pass	AV	4.96025G	37.11	54.00	-16.89	3	Vertical	203	1.41	-
2480MHz	Pass	PK	4.95934G	49.69	74.00	-24.31	3	Vertical	203	1.41	-
2480MHz	Pass	AV	4.96035G	41.47	54.00	-12.53	3	Horizontal	358	1.76	-
2480MHz	Pass	PK	4.96024G	52.76	74.00	-21.24	3	Horizontal	358	1.76	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
BT-LE(500kbps)	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3896G	48.79	54.00	-5.21	3	Vertical	209	2.94	-
2402MHz	Pass	AV	2.402G	101.07	Inf	-Inf	3	Vertical	209	2.94	-
2402MHz	Pass	PK	2.3658G	60.53	74.00	-13.47	3	Vertical	209	2.94	-
2402MHz	Pass	PK	2.4018G	102.89	Inf	-Inf	3	Vertical	209	2.94	-
2402MHz	Pass	AV	2.3636G	49.13	54.00	-4.87	3	Horizontal	315	2.64	-
2402MHz	Pass	AV	2.402G	106.71	Inf	-Inf	3	Horizontal	315	2.64	-
2402MHz	Pass	PK	2.3842G	61.00	74.00	-13.00	3	Horizontal	315	2.64	-
2402MHz	Pass	PK	2.4018G	108.52	Inf	-Inf	3	Horizontal	315	2.64	-
2402MHz	Pass	AV	4.80343G	36.02	54.00	-17.98	3	Vertical	184	1.26	-
2402MHz	Pass	PK	4.80438G	49.05	74.00	-24.95	3	Vertical	184	1.26	-
2402MHz	Pass	AV	4.80389G	40.17	54.00	-13.83	3	Horizontal	51	1.30	-
2402MHz	Pass	PK	4.80436G	51.49	74.00	-22.51	3	Horizontal	51	1.30	-
2440MHz	Pass	AV	2.3856G	48.67	54.00	-5.33	3	Vertical	92	2.15	-
2440MHz	Pass	AV	2.44G	100.01	Inf	-Inf	3	Vertical	92	2.15	-
2440MHz	Pass	AV	2.4896G	49.25	54.00	-4.75	3	Vertical	92	2.15	-
2440MHz	Pass	PK	2.348G	60.45	74.00	-13.55	3	Vertical	92	2.15	-
2440MHz	Pass	PK	2.4396G	101.86	Inf	-Inf	3	Vertical	92	2.15	-
2440MHz	Pass	PK	2.4944G	60.53	74.00	-13.47	3	Vertical	92	2.15	-
2440MHz	Pass	AV	2.386G	48.69	54.00	-5.31	3	Horizontal	315	2.59	-
2440MHz	Pass	AV	2.44G	107.74	Inf	-Inf	3	Horizontal	315	2.59	-
2440MHz	Pass	AV	2.4984G	49.22	54.00	-4.78	3	Horizontal	315	2.59	-
2440MHz	Pass	PK	2.386G	60.52	74.00	-13.48	3	Horizontal	315	2.59	-
2440MHz	Pass	PK	2.4396G	109.51	Inf	-Inf	3	Horizontal	315	2.59	-
2440MHz	Pass	PK	2.4864G	60.71	74.00	-13.29	3	Horizontal	315	2.59	-
2440MHz	Pass	AV	4.88025G	37.41	54.00	-16.59	3	Vertical	184	1.00	-
2440MHz	Pass	PK	4.88032G	50.68	74.00	-23.32	3	Vertical	184	1.00	-
2440MHz	Pass	AV	4.87998G	43.87	54.00	-10.13	3	Horizontal	16	2.61	-
2440MHz	Pass	PK	4.87943G	53.38	74.00	-20.62	3	Horizontal	16	2.61	-
2480MHz	Pass	AV	2.48G	96.72	Inf	-Inf	3	Vertical	264	1.43	-
2480MHz	Pass	AV	2.4835G	47.83	54.00	-6.17	3	Vertical	264	1.43	-
2480MHz	Pass	PK	2.4798G	98.53	Inf	-Inf	3	Vertical	264	1.43	-
2480MHz	Pass	PK	2.4835G	56.31	74.00	-17.69	3	Vertical	264	1.43	-
2480MHz	Pass	AV	2.48G	103.11	Inf	-Inf	3	Horizontal	321	2.07	-
2480MHz	Pass	AV	2.4835G	53.84	54.00	-0.16	3	Horizontal	321	2.07	-
2480MHz	Pass	PK	2.4802G	104.90	Inf	-Inf	3	Horizontal	321	2.07	-
2480MHz	Pass	PK	2.4842G	61.39	74.00	-12.61	3	Horizontal	321	2.07	-
2480MHz	Pass	AV	4.96011G	37.59	54.00	-16.41	3	Vertical	207	1.36	-
2480MHz	Pass	PK	4.96071G	50.16	74.00	-23.84	3	Vertical	207	1.36	-
2480MHz	Pass	AV	4.96014G	42.74	54.00	-11.26	3	Horizontal	358	1.98	-
2480MHz	Pass	PK	4.96061G	52.77	74.00	-21.23	3	Horizontal	358	1.98	-

BT-LE(1Mbps)

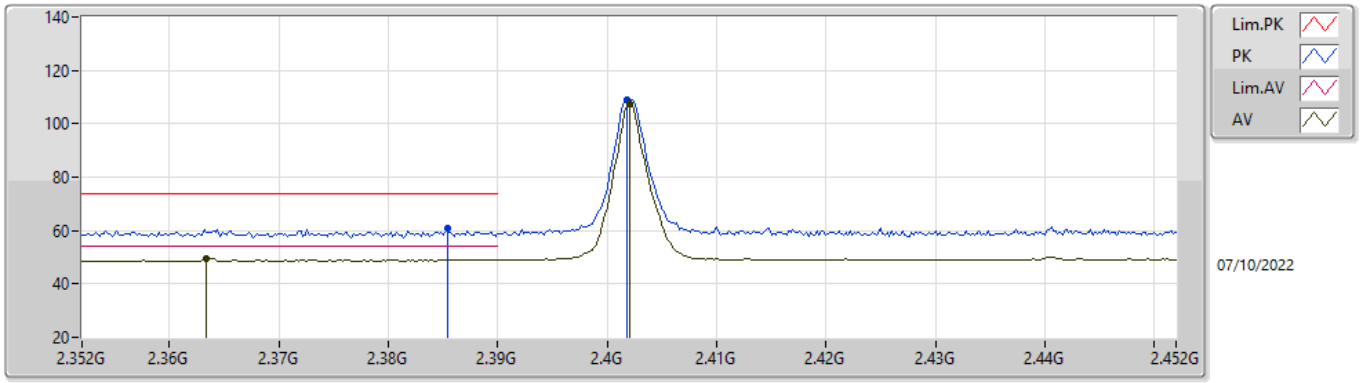
2402MHz_TX



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	2.3894G	48.97	54.00	-5.03	35.80	3	Vertical	213	2.93	-	13.17	27.52	8.28	-
AV	2.402G	101.59	Inf	-Inf	35.89	3	Vertical	213	2.93	-	65.70	27.60	8.29	-
PK	2.3716G	60.73	74.00	-13.27	35.64	3	Vertical	213	2.93	-	25.09	27.37	8.27	-
PK	2.4018G	103.05	Inf	-Inf	35.89	3	Vertical	213	2.93	-	67.16	27.60	8.29	-

BT-LE(1Mbps)

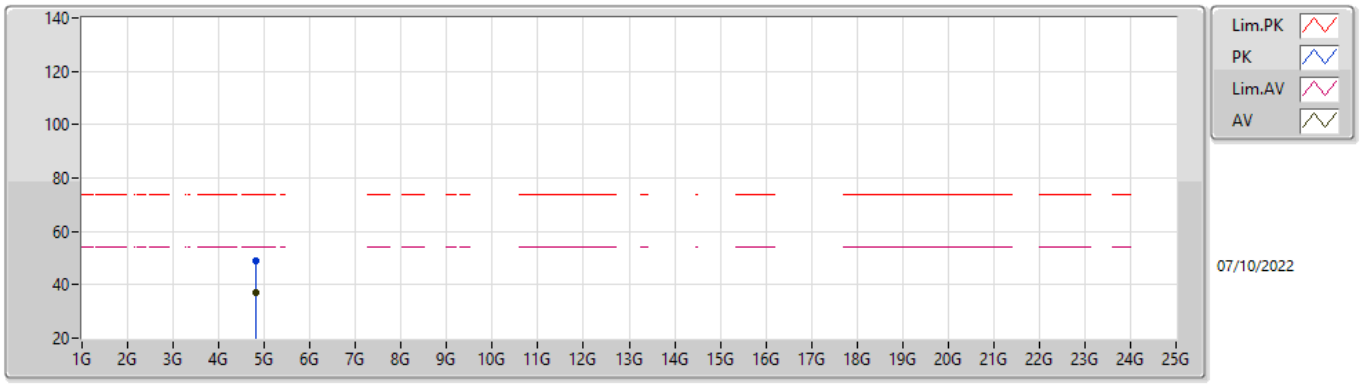
2402MHz_TX



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	2.3634G	49.37	54.00	-4.63	35.57	3	Horizontal	307	2.64	-	13.80	27.31	8.26	-
AV	2.402G	107.39	Inf	-Inf	35.89	3	Horizontal	307	2.64	-	71.50	27.60	8.29	-
PK	2.3854G	60.61	74.00	-13.39	35.76	3	Horizontal	307	2.64	-	24.85	27.48	8.28	-
PK	2.4018G	108.77	Inf	-Inf	35.89	3	Horizontal	307	2.64	-	72.88	27.60	8.29	-

BT-LE(1Mbps)

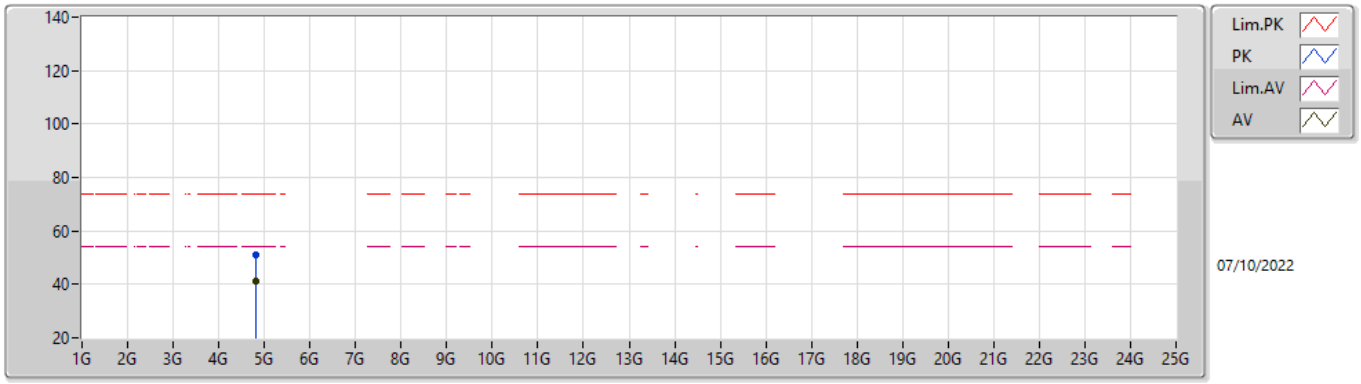
2402MHz_TX



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	4.80407G	36.86	54.00	-17.14	11.86	3	Vertical	181	1.24	-	25.00	32.22	9.67	30.03
PK	4.80345G	48.80	74.00	-25.20	11.86	3	Vertical	181	1.24	-	36.94	32.22	9.67	30.03

BT-LE(1Mbps)

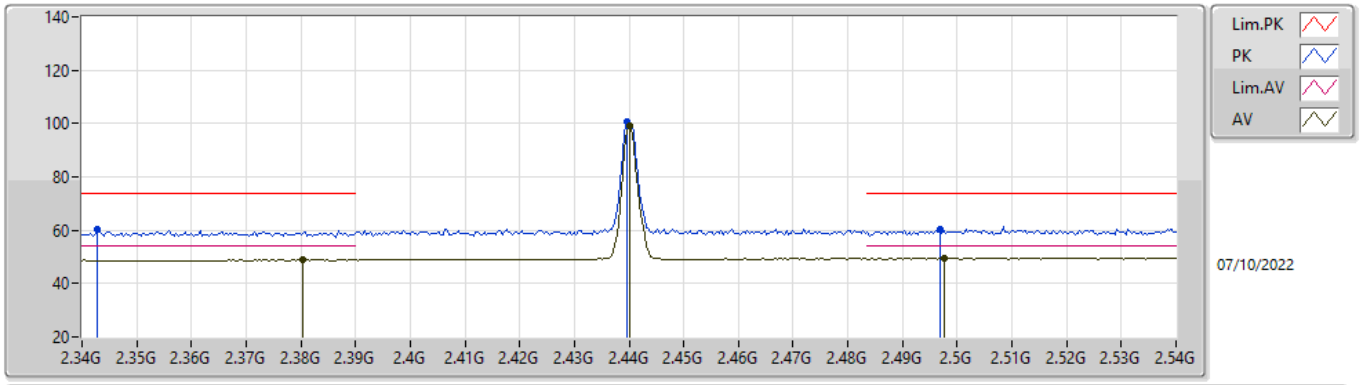
2402MHz_TX



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	4.80406G	41.46	54.00	-12.54	11.86	3	Horizontal	49	1.28	-	29.60	32.22	9.67	30.03
PK	4.80437G	51.01	74.00	-22.99	11.87	3	Horizontal	49	1.28	-	39.14	32.23	9.67	30.03

BT-LE(1Mbps)

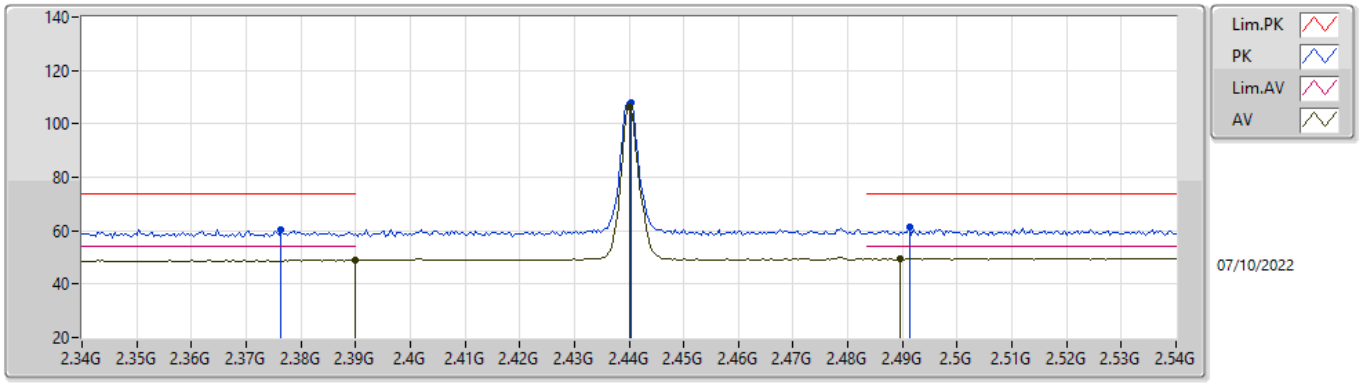
2440MHz_TX



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	2.3804G	48.87	54.00	-5.13	35.72	3	Vertical	92	2.14	-	13.15	27.44	8.28	-
AV	2.44G	99.11	Inf	-Inf	36.00	3	Vertical	92	2.14	-	63.11	27.68	8.32	-
AV	2.4976G	49.41	54.00	-4.59	36.24	3	Vertical	92	2.14	-	13.17	27.89	8.35	-
PK	2.3428G	60.45	74.00	-13.55	35.45	3	Vertical	92	2.14	-	25.00	27.20	8.25	-
PK	2.4396G	100.49	Inf	-Inf	36.00	3	Vertical	92	2.14	-	64.49	27.68	8.32	-
PK	2.4968G	60.18	74.00	-13.82	36.24	3	Vertical	92	2.14	-	23.94	27.89	8.35	-

BT-LE(1Mbps)

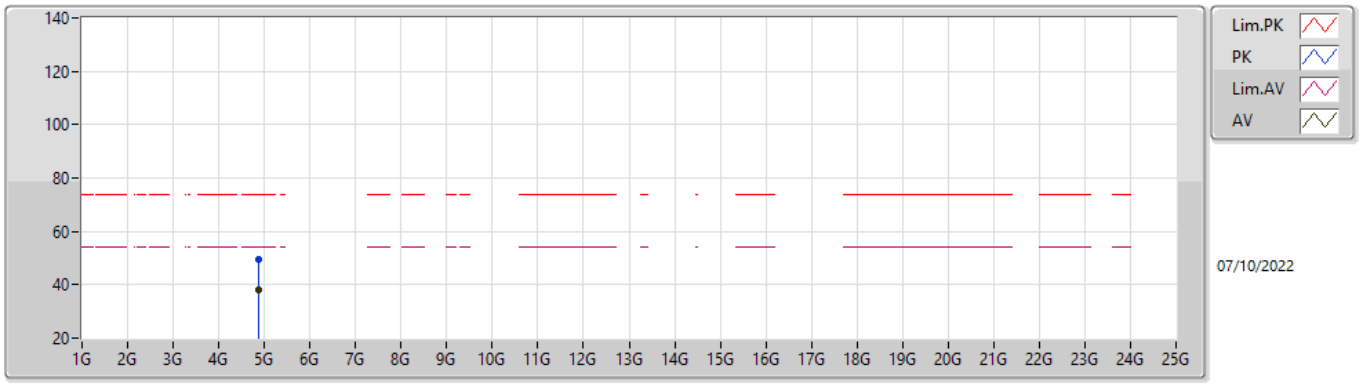
2440MHz_TX



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	48.93	54.00	-5.07	35.80	3	Horizontal	313	2.18	-	13.13	27.52	8.28	-
AV	2.44G	106.63	Inf	-Inf	36.00	3	Horizontal	313	2.18	-	70.63	27.68	8.32	-
AV	2.4896G	49.46	54.00	-4.54	36.21	3	Horizontal	313	2.18	-	13.25	27.86	8.35	-
PK	2.3764G	60.50	74.00	-13.50	35.68	3	Horizontal	313	2.18	-	24.82	27.41	8.27	-
PK	2.4404G	108.07	Inf	-Inf	36.00	3	Horizontal	313	2.18	-	72.07	27.68	8.32	-
PK	2.4912G	61.23	74.00	-12.77	36.21	3	Horizontal	313	2.18	-	25.02	27.86	8.35	-

BT-LE(1Mbps)

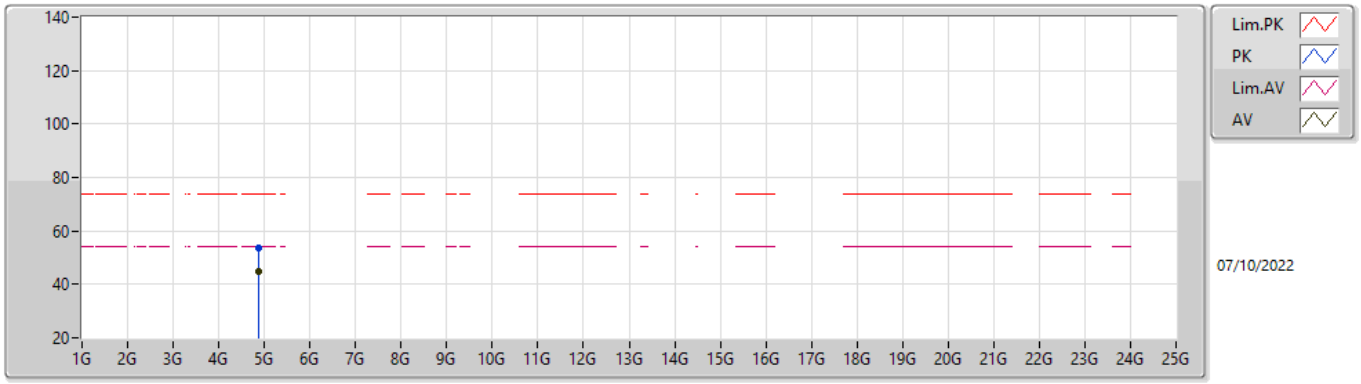
2440MHz_TX



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	4.88022G	38.15	54.00	-15.85	12.32	3	Vertical	181	1.00	-	25.83	32.62	9.70	30.00
PK	4.87964G	49.57	74.00	-24.43	12.32	3	Vertical	181	1.00	-	37.25	32.62	9.70	30.00

BT-LE(1Mbps)

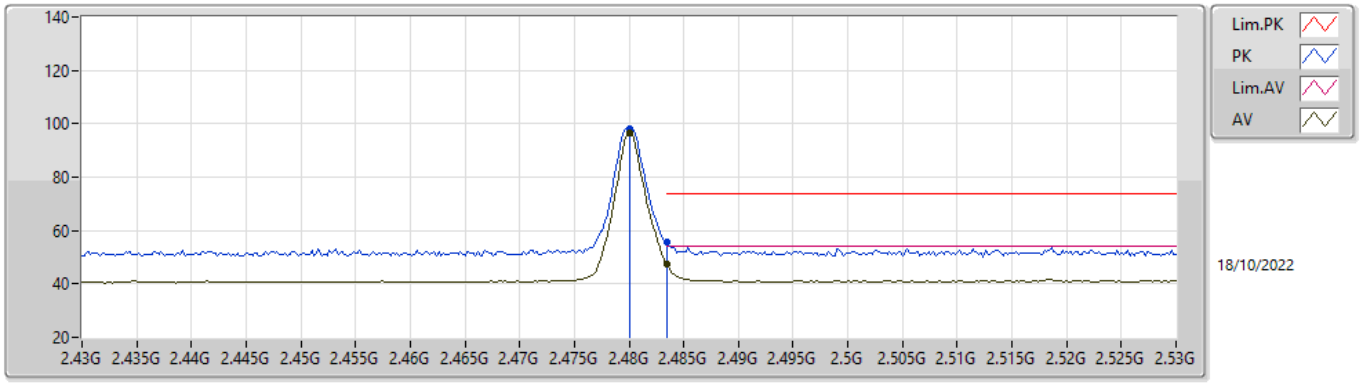
2440MHz_TX



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	4.88002G	45.08	54.00	-8.92	12.32	3	Horizontal	17	2.60	-	32.76	32.62	9.70	30.00
PK	4.88031G	53.65	74.00	-20.35	12.32	3	Horizontal	17	2.60	-	41.33	32.62	9.70	30.00

BT-LE(1Mbps)

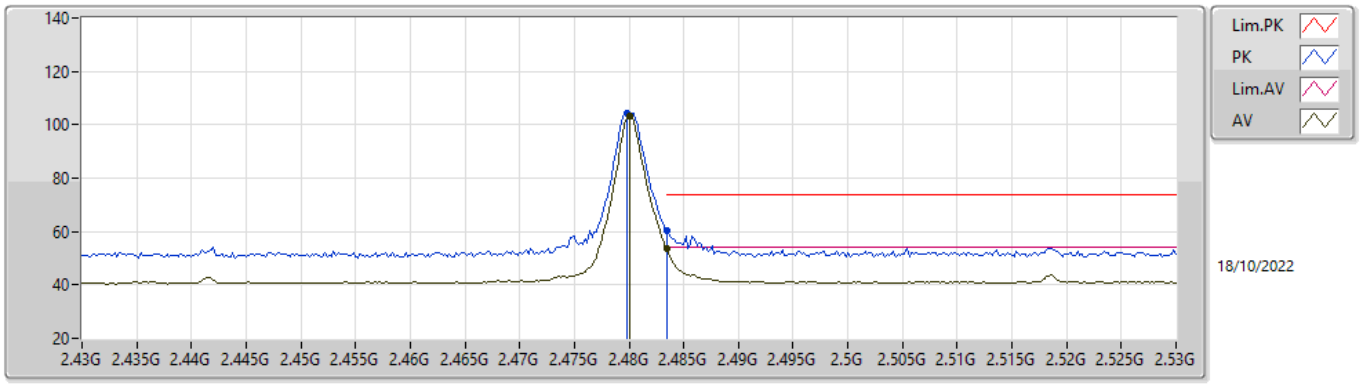
2480MHz_TX



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	2.48G	96.58	Inf	-Inf	5.35	3	Vertical	263	1.43	-	91.23	27.82	8.34	30.81
AV	2.4835G	47.65	54.00	-6.35	5.36	3	Vertical	263	1.43	-	42.29	27.83	8.34	30.81
PK	2.48G	97.97	Inf	-Inf	5.35	3	Vertical	263	1.43	-	92.62	27.82	8.34	30.81
PK	2.4835G	55.82	74.00	-18.18	5.36	3	Vertical	263	1.43	-	50.46	27.83	8.34	30.81

BT-LE(1Mbps)

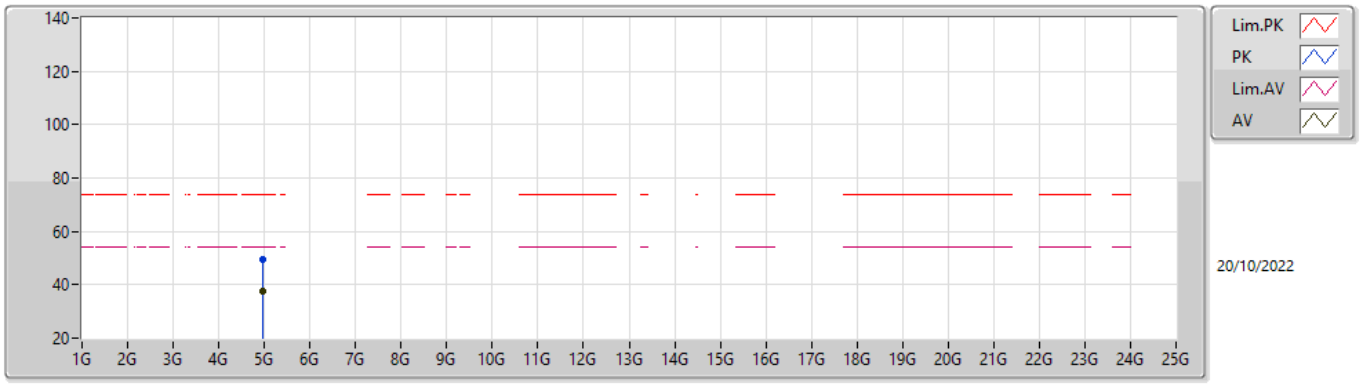
2480MHz_TX



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	2.48G	103.14	Inf	-Inf	5.35	3	Horizontal	321	2.09	-	97.79	27.82	8.34	30.81
AV	2.4835G	53.79	54.00	-0.21	5.36	3	Horizontal	321	2.09	-	48.43	27.83	8.34	30.81
PK	2.4798G	104.54	Inf	-Inf	5.35	3	Horizontal	321	2.09	-	99.19	27.82	8.34	30.81
PK	2.4835G	60.26	74.00	-13.74	5.36	3	Horizontal	321	2.09	-	54.90	27.83	8.34	30.81

BT-LE(1Mbps)

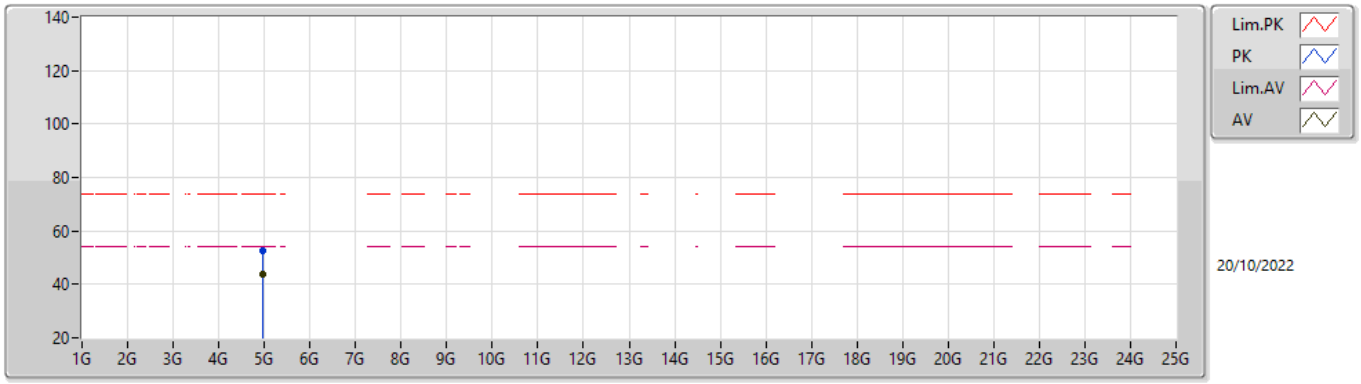
2480MHz_TX



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	4.95995G	37.77	54.00	-16.23	12.80	3	Vertical	204	1.41	-	24.97	33.04	9.73	29.97
PK	4.96036G	49.33	74.00	-24.67	12.80	3	Vertical	204	1.41	-	36.53	33.04	9.73	29.97

BT-LE(1Mbps)

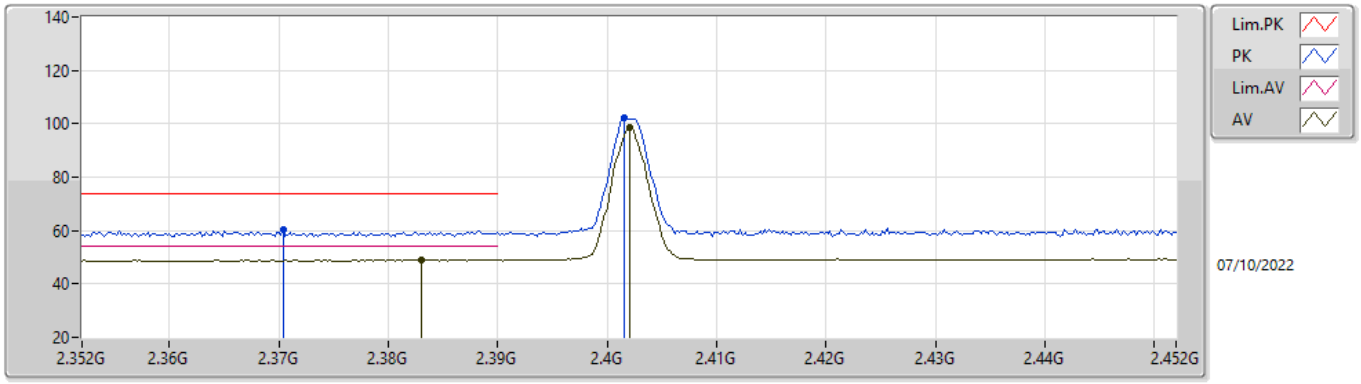
2480MHz_TX



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	4.96001G	43.55	54.00	-10.45	12.80	3	Horizontal	360	1.98	-	30.75	33.04	9.73	29.97
PK	4.95953G	52.68	74.00	-21.32	12.80	3	Horizontal	360	1.98	-	39.88	33.04	9.73	29.97

BT-LE(2Mbps)

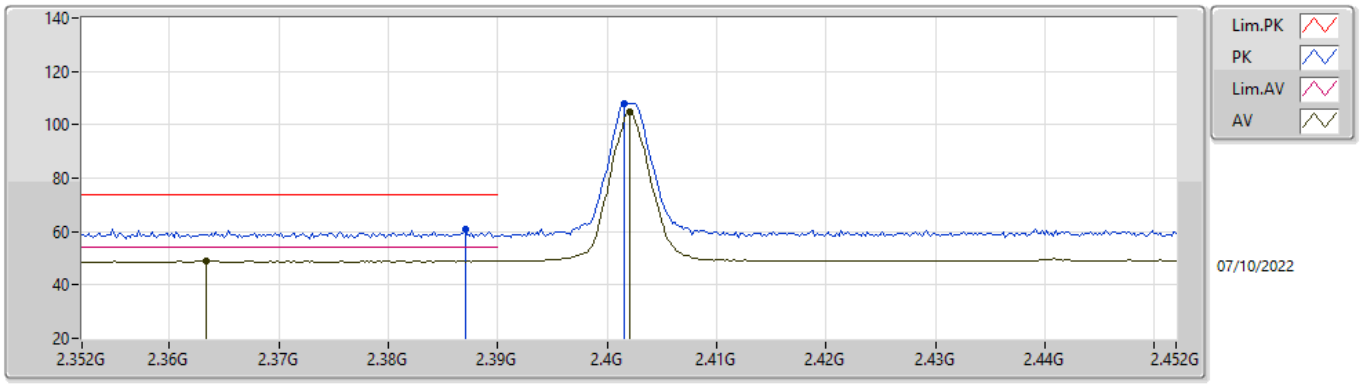
2402MHz_TX



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	2.383G	48.96	54.00	-5.04	35.74	3	Vertical	211	2.94	-	13.22	27.46	8.28	-
AV	2.402G	98.62	Inf	-Inf	35.89	3	Vertical	211	2.94	-	62.73	27.60	8.29	-
PK	2.3704G	60.27	74.00	-13.73	35.63	3	Vertical	211	2.94	-	24.64	27.36	8.27	-
PK	2.4016G	102.13	Inf	-Inf	35.89	3	Vertical	211	2.94	-	66.24	27.60	8.29	-

BT-LE(2Mbps)

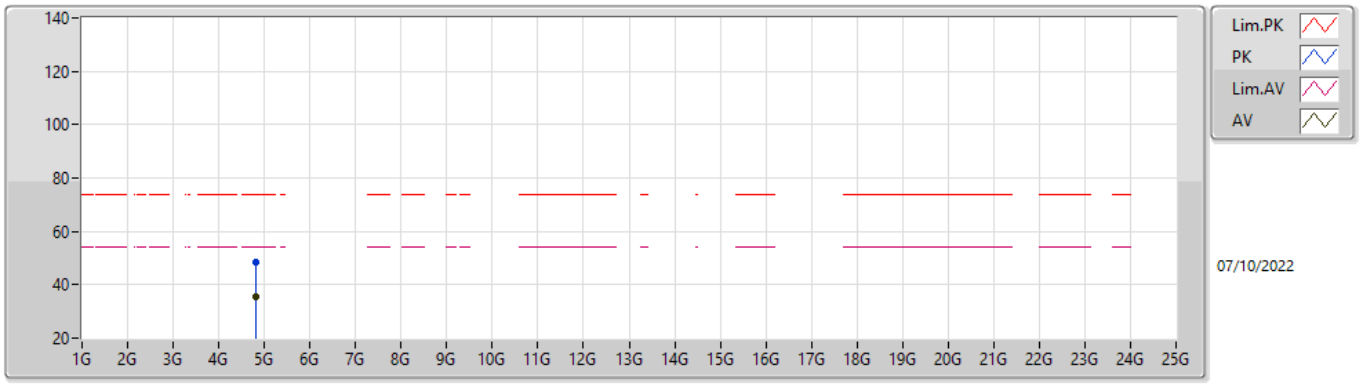
2402MHz_TX



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	2.3634G	49.11	54.00	-4.89	35.57	3	Horizontal	313	2.63	-	13.54	27.31	8.26	-
AV	2.402G	104.67	Inf	-Inf	35.89	3	Horizontal	313	2.63	-	68.78	27.60	8.29	-
PK	2.387G	61.01	74.00	-12.99	35.78	3	Horizontal	313	2.63	-	25.23	27.50	8.28	-
PK	2.4016G	108.08	Inf	-Inf	35.89	3	Horizontal	313	2.63	-	72.19	27.60	8.29	-

BT-LE(2Mbps)

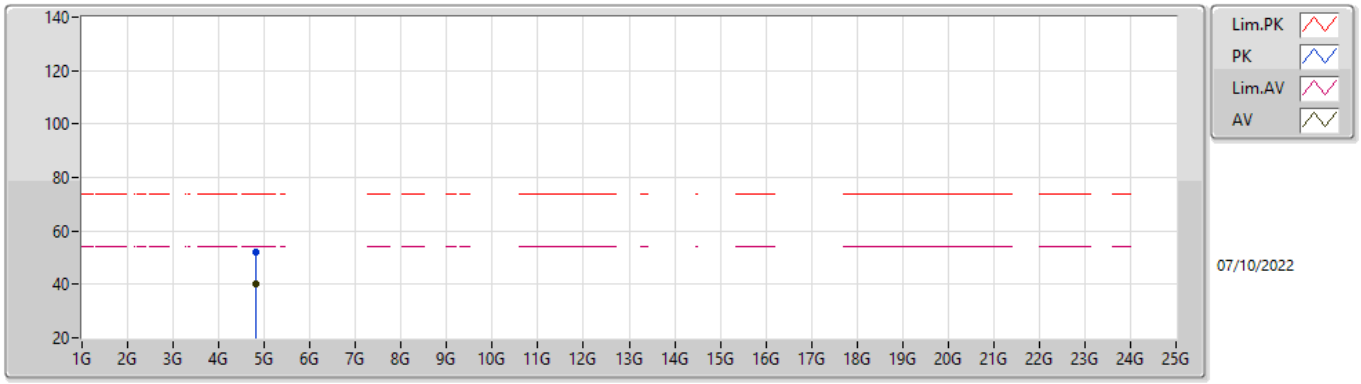
2402MHz_TX



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	4.80298G	35.40	54.00	-18.60	11.86	3	Vertical	183	1.39	-	23.54	32.22	9.67	30.03
PK	4.80313G	48.29	74.00	-25.71	11.86	3	Vertical	183	1.39	-	36.43	32.22	9.67	30.03

BT-LE(2Mbps)

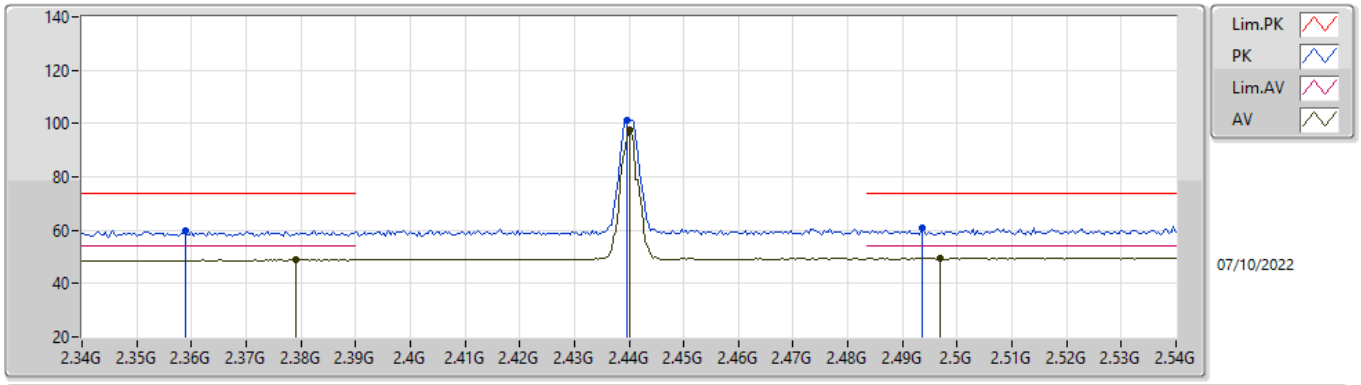
2402MHz_TX



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	4.80497G	40.15	54.00	-13.85	11.87	3	Horizontal	360	2.53	-	28.28	32.23	9.67	30.03
PK	4.80289G	51.99	74.00	-22.01	11.86	3	Horizontal	360	2.53	-	40.13	32.22	9.67	30.03

BT-LE(2Mbps)

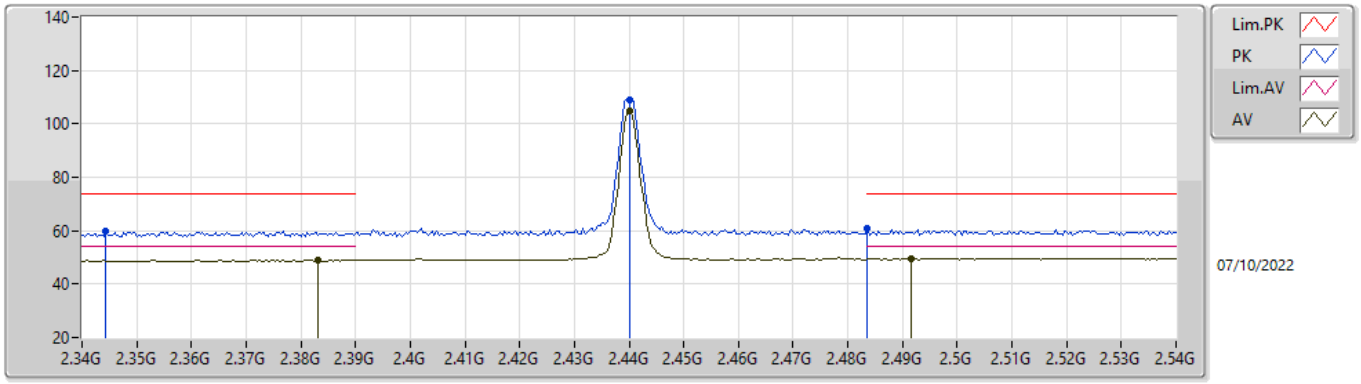
2440MHz_TX



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	2.3792G	48.93	54.00	-5.07	35.70	3	Vertical	92	2.16	-	13.23	27.43	8.27	-
AV	2.44G	97.82	Inf	-Inf	36.00	3	Vertical	92	2.16	-	61.82	27.68	8.32	-
AV	2.4968G	49.47	54.00	-4.53	36.24	3	Vertical	92	2.16	-	13.23	27.89	8.35	-
PK	2.3588G	59.65	74.00	-14.35	35.53	3	Vertical	92	2.16	-	24.12	27.27	8.26	-
PK	2.4396G	101.34	Inf	-Inf	36.00	3	Vertical	92	2.16	-	65.34	27.68	8.32	-
PK	2.4936G	61.07	74.00	-12.93	36.22	3	Vertical	92	2.16	-	24.85	27.87	8.35	-

BT-LE(2Mbps)

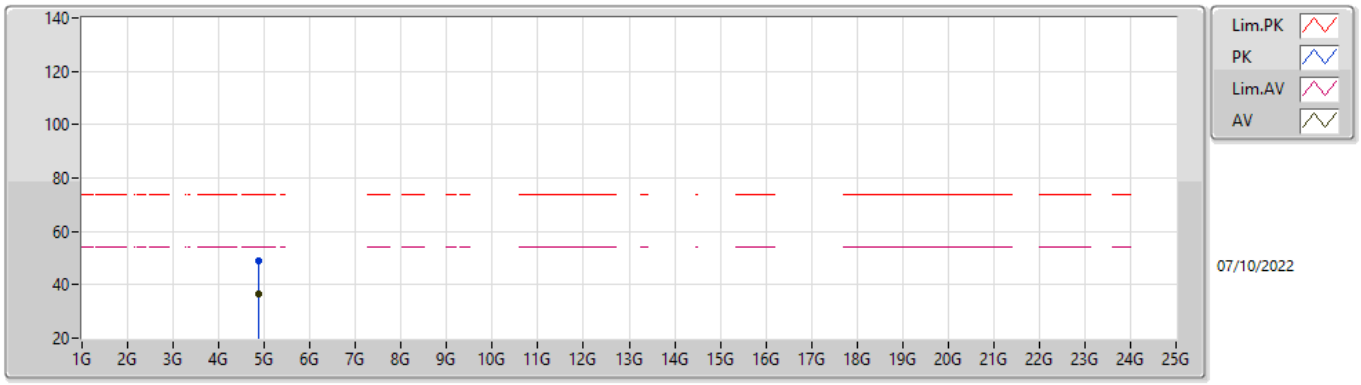
2440MHz_TX



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	2.3832G	48.95	54.00	-5.05	35.75	3	Horizontal	313	2.59	-	13.20	27.47	8.28	-
AV	2.44G	104.73	Inf	-Inf	36.00	3	Horizontal	313	2.59	-	68.73	27.68	8.32	-
AV	2.4916G	49.51	54.00	-4.49	36.22	3	Horizontal	313	2.59	-	13.29	27.87	8.35	-
PK	2.3444G	59.77	74.00	-14.23	35.45	3	Horizontal	313	2.59	-	24.32	27.20	8.25	-
PK	2.44G	109.11	Inf	-Inf	36.00	3	Horizontal	313	2.59	-	73.11	27.68	8.32	-
PK	2.4835G	60.92	74.00	-13.08	36.17	3	Horizontal	313	2.59	-	24.75	27.83	8.34	-

BT-LE(2Mbps)

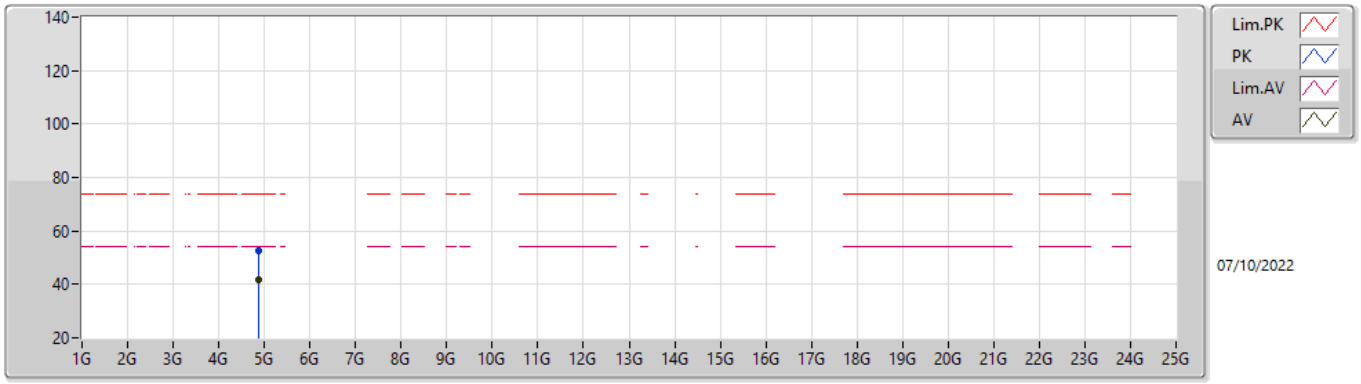
2440MHz_TX



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	4.88082G	36.51	54.00	-17.49	12.32	3	Vertical	183	1.00	-	24.19	32.62	9.70	30.00
PK	4.87881G	48.87	74.00	-25.13	12.32	3	Vertical	183	1.00	-	36.55	32.62	9.70	30.00

BT-LE(2Mbps)

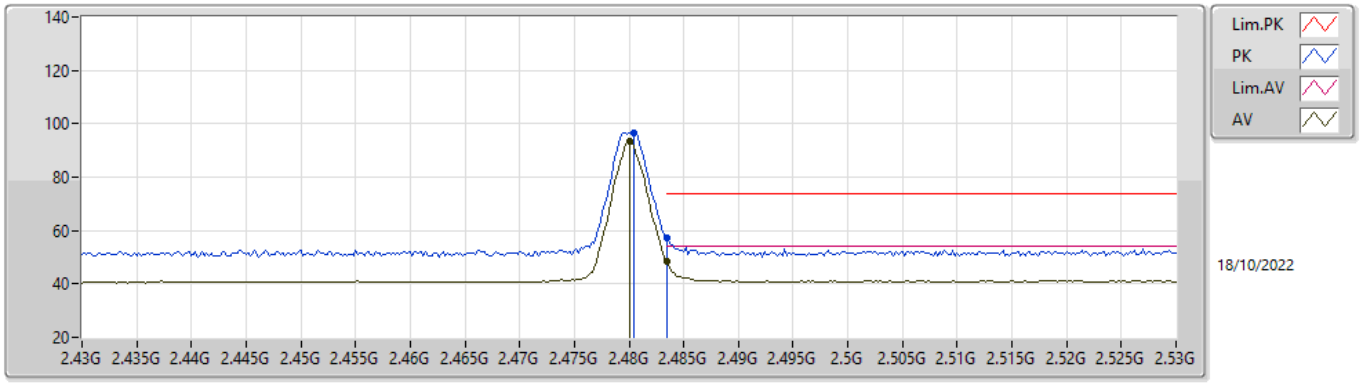
2440MHz_TX



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	4.8809G	41.77	54.00	-12.23	12.32	3	Horizontal	360	2.13	-	29.45	32.62	9.70	30.00
PK	4.8809G	52.69	74.00	-21.31	12.32	3	Horizontal	360	2.13	-	40.37	32.62	9.70	30.00

BT-LE(2Mbps)

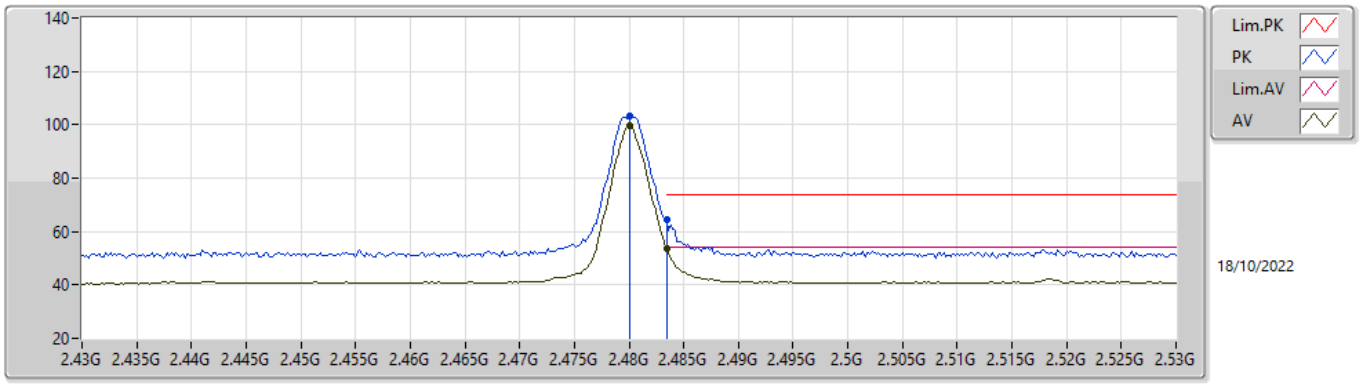
2480MHz_TX



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	2.48G	93.29	Inf	-Inf	5.35	3	Vertical	266	1.10	-	87.94	27.82	8.34	30.81
AV	2.4835G	48.45	54.00	-5.55	5.36	3	Vertical	266	1.10	-	43.09	27.83	8.34	30.81
PK	2.4804G	96.80	Inf	-Inf	5.35	3	Vertical	266	1.10	-	91.45	27.82	8.34	30.81
PK	2.4835G	57.37	74.00	-16.63	5.36	3	Vertical	266	1.10	-	52.01	27.83	8.34	30.81

BT-LE(2Mbps)

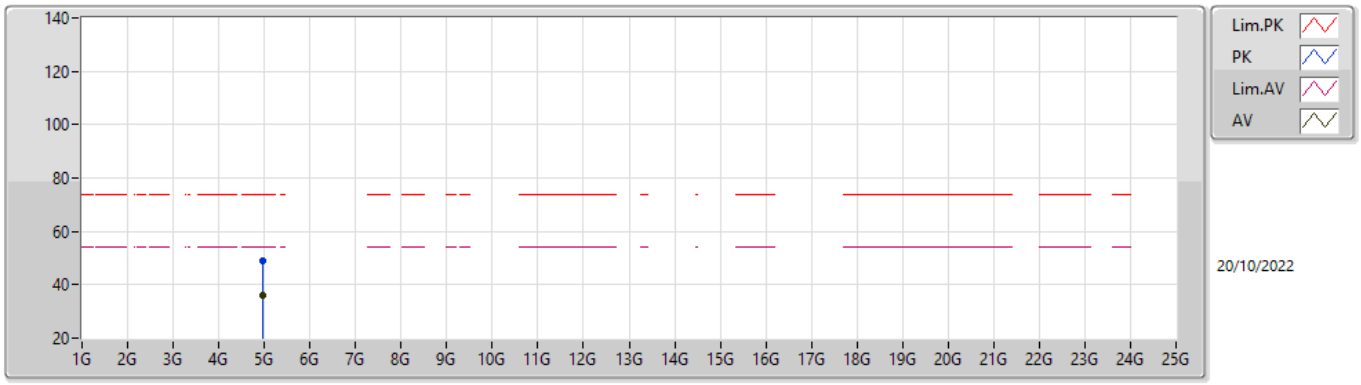
2480MHz_TX



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	2.48G	99.65	Inf	-Inf	5.35	3	Horizontal	323	1.69	-	94.30	27.82	8.34	30.81
AV	2.4835G	53.74	54.00	-0.26	5.36	3	Horizontal	323	1.69	-	48.38	27.83	8.34	30.81
PK	2.48G	103.04	Inf	-Inf	5.35	3	Horizontal	323	1.69	-	97.69	27.82	8.34	30.81
PK	2.4835G	64.49	74.00	-9.51	5.36	3	Horizontal	323	1.69	-	59.13	27.83	8.34	30.81

BT-LE(2Mbps)

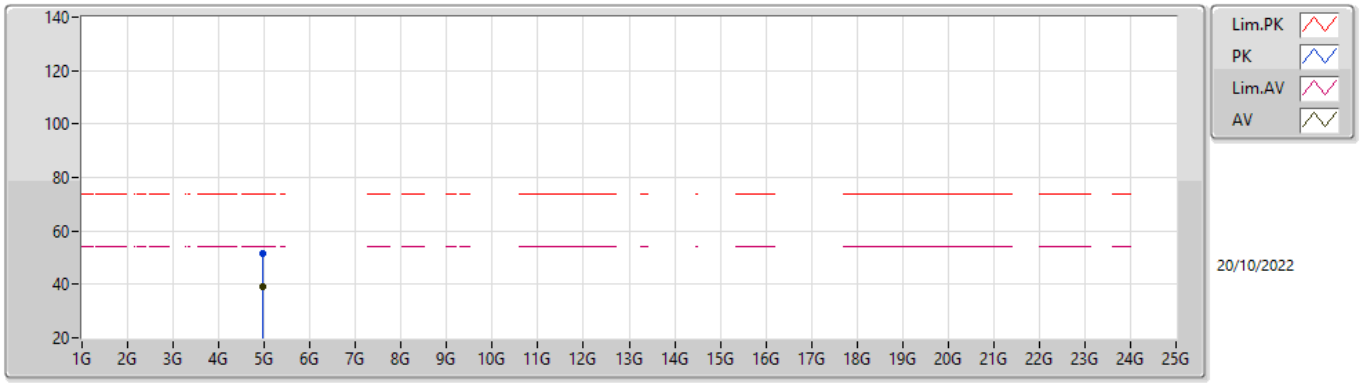
2480MHz_TX



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	4.96086G	36.19	54.00	-17.81	12.80	3	Vertical	204	1.40	-	23.39	33.04	9.73	29.97
PK	4.95941G	48.88	74.00	-25.12	12.80	3	Vertical	204	1.40	-	36.08	33.04	9.73	29.97

BT-LE(2Mbps)

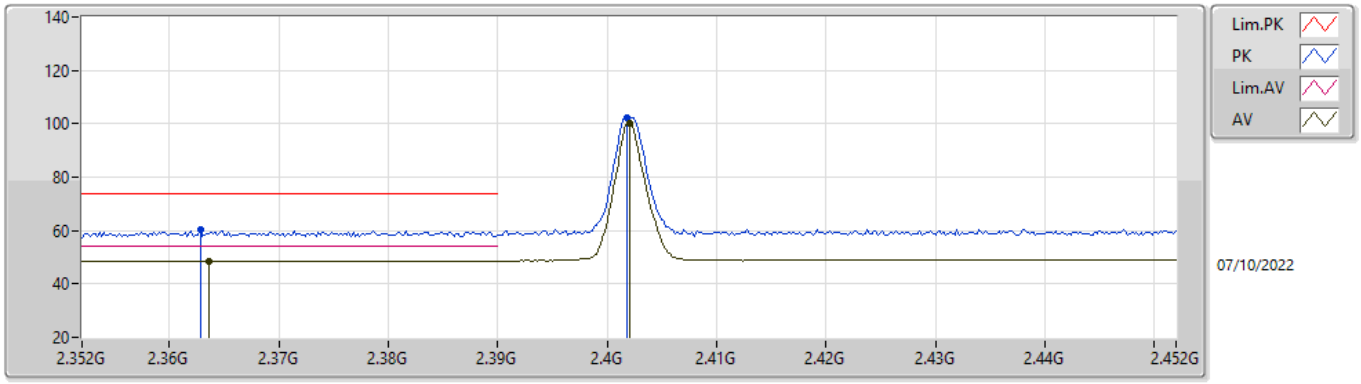
2480MHz_TX



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	4.96094G	39.12	54.00	-14.88	12.80	3	Horizontal	360	1.86	-	26.32	33.04	9.73	29.97
PK	4.96091G	51.50	74.00	-22.50	12.80	3	Horizontal	360	1.86	-	38.70	33.04	9.73	29.97

BT-LE(125kbps)

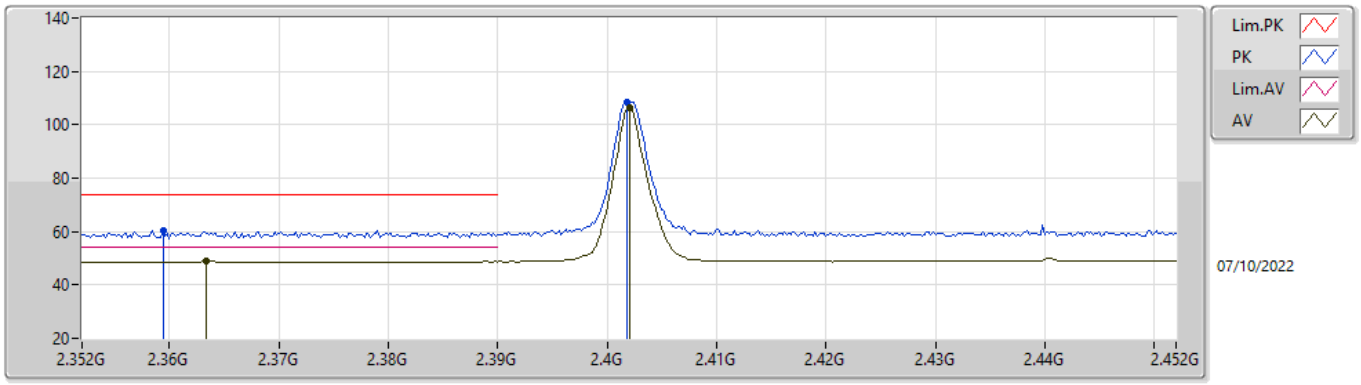
2402MHz_TX



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	2.3636G	48.69	54.00	-5.31	35.57	3	Vertical	210	2.93	-	13.12	27.31	8.26	-
AV	2.402G	100.36	Inf	-Inf	35.89	3	Vertical	210	2.93	-	64.47	27.60	8.29	-
PK	2.3628G	60.59	74.00	-13.41	35.56	3	Vertical	210	2.93	-	25.03	27.30	8.26	-
PK	2.4018G	102.44	Inf	-Inf	35.89	3	Vertical	210	2.93	-	66.55	27.60	8.29	-

BT-LE(125kbps)

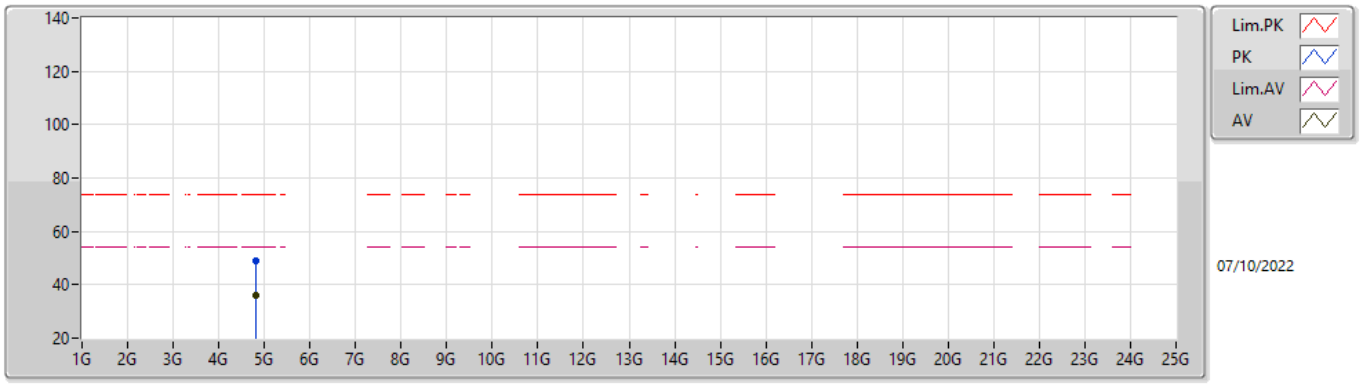
2402MHz_TX



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	2.3634G	49.07	54.00	-4.93	35.57	3	Horizontal	313	2.63	-	13.50	27.31	8.26	-
AV	2.402G	106.28	Inf	-Inf	35.89	3	Horizontal	313	2.63	-	70.39	27.60	8.29	-
PK	2.3594G	60.23	74.00	-13.77	35.54	3	Horizontal	313	2.63	-	24.69	27.28	8.26	-
PK	2.4018G	108.35	Inf	-Inf	35.89	3	Horizontal	313	2.63	-	72.46	27.60	8.29	-

BT-LE(125kbps)

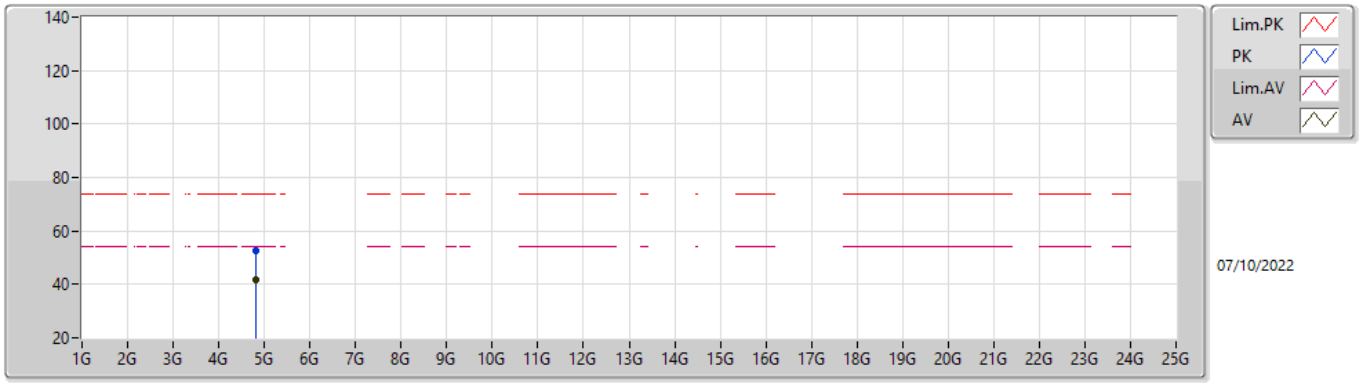
2402MHz_TX



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	4.8035G	36.23	54.00	-17.77	11.86	3	Vertical	41	1.12	-	24.37	32.22	9.67	30.03
PK	4.80472G	48.76	74.00	-25.24	11.87	3	Vertical	41	1.12	-	36.89	32.23	9.67	30.03

BT-LE(125kbps)

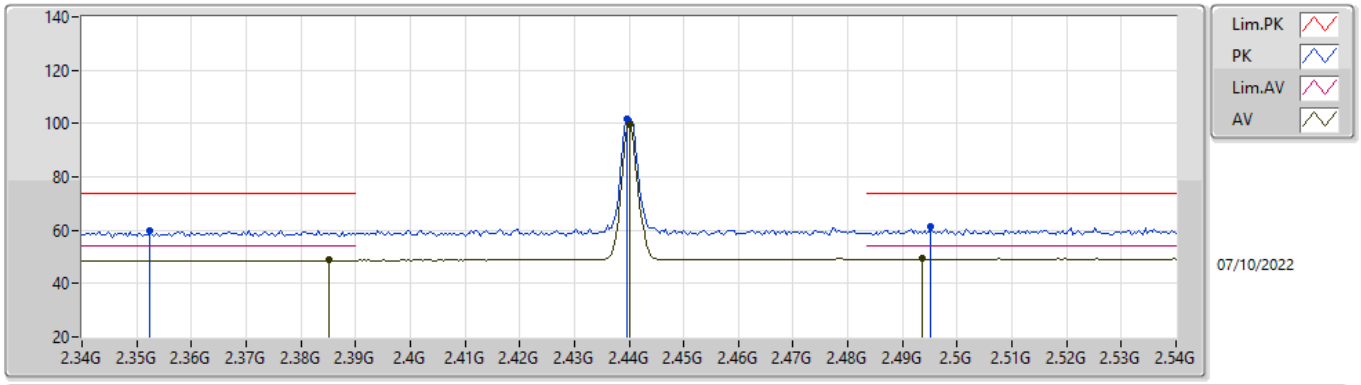
2402MHz_TX



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	4.8042G	41.83	54.00	-12.17	11.87	3	Horizontal	14	2.53	-	29.96	32.23	9.67	30.03
PK	4.80335G	52.40	74.00	-21.60	11.86	3	Horizontal	14	2.53	-	40.54	32.22	9.67	30.03

BT-LE(125kbps)

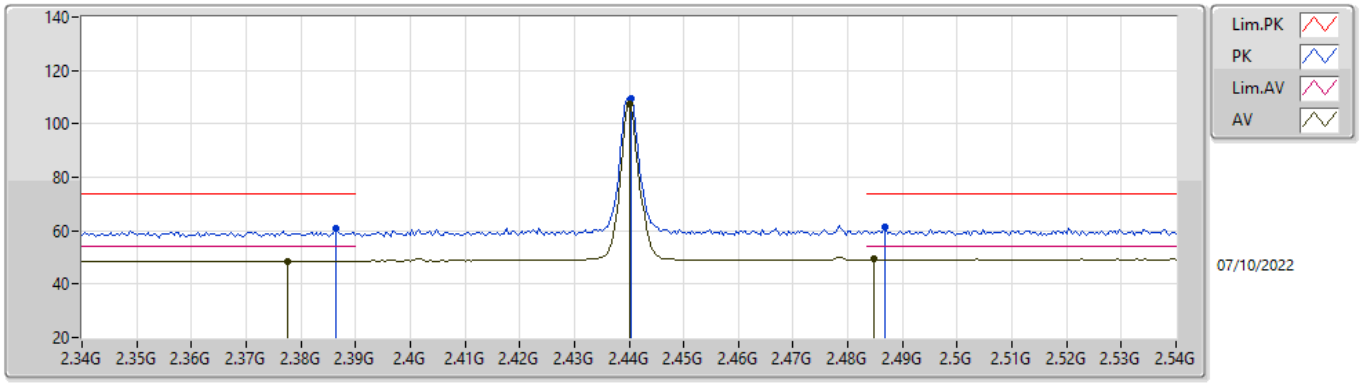
2440MHz_TX



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	2.3852G	48.72	54.00	-5.28	35.76	3	Vertical	92	2.15	-	12.96	27.48	8.28	-
AV	2.44G	99.65	Inf	-Inf	36.00	3	Vertical	92	2.15	-	63.65	27.68	8.32	-
AV	2.4936G	49.26	54.00	-4.74	36.22	3	Vertical	92	2.15	-	13.04	27.87	8.35	-
PK	2.3524G	59.93	74.00	-14.07	35.47	3	Vertical	92	2.15	-	24.46	27.22	8.25	-
PK	2.4396G	101.69	Inf	-Inf	36.00	3	Vertical	92	2.15	-	65.69	27.68	8.32	-
PK	2.4952G	61.46	74.00	-12.54	36.23	3	Vertical	92	2.15	-	25.23	27.88	8.35	-

BT-LE(125kbps)

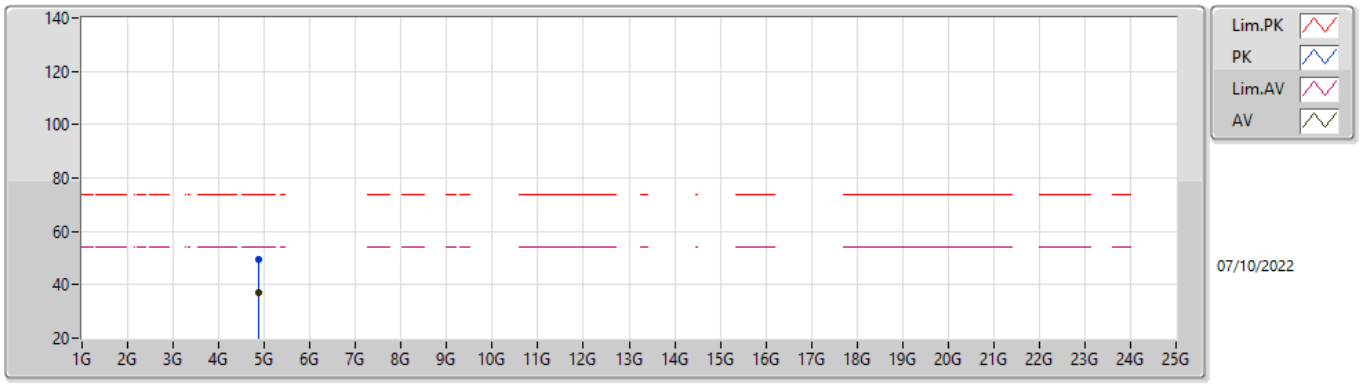
2440MHz_TX



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	2.3776G	48.68	54.00	-5.32	35.69	3	Horizontal	315	2.60	-	12.99	27.42	8.27	-
AV	2.44G	107.32	Inf	-Inf	36.00	3	Horizontal	315	2.60	-	71.32	27.68	8.32	-
AV	2.4848G	49.24	54.00	-4.76	36.19	3	Horizontal	315	2.60	-	13.05	27.84	8.35	-
PK	2.3864G	60.79	74.00	-13.21	35.77	3	Horizontal	315	2.60	-	25.02	27.49	8.28	-
PK	2.4404G	109.36	Inf	-Inf	36.00	3	Horizontal	315	2.60	-	73.36	27.68	8.32	-
PK	2.4868G	61.45	74.00	-12.55	36.20	3	Horizontal	315	2.60	-	25.25	27.85	8.35	-

BT-LE(125kbps)

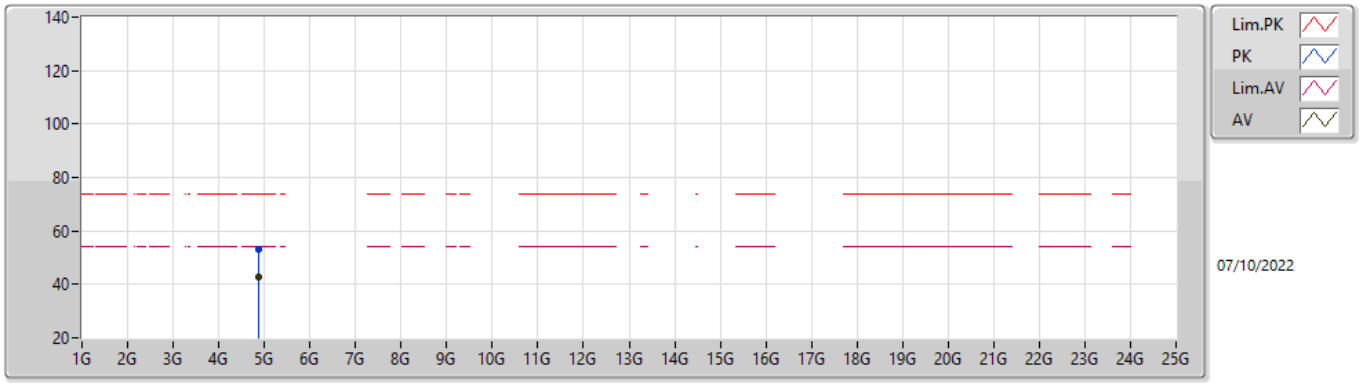
2440MHz_TX



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	4.88042G	37.29	54.00	-16.71	12.32	3	Vertical	183	1.50	-	24.97	32.62	9.70	30.00
PK	4.87929G	49.50	74.00	-24.50	12.32	3	Vertical	183	1.50	-	37.18	32.62	9.70	30.00

BT-LE(125kbps)

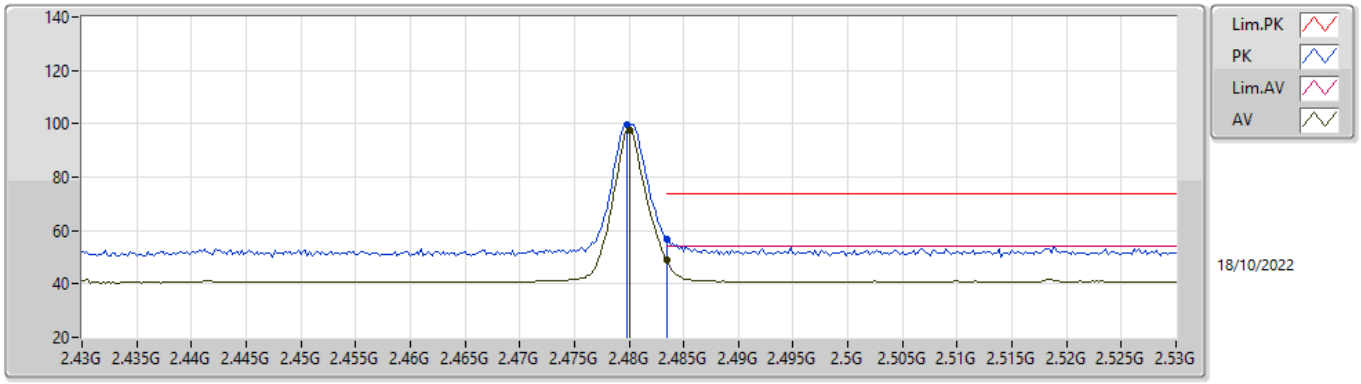
2440MHz_TX



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	4.88025G	42.95	54.00	-11.05	12.32	3	Horizontal	17	2.61	-	30.63	32.62	9.70	30.00
PK	4.88042G	52.98	74.00	-21.02	12.32	3	Horizontal	17	2.61	-	40.66	32.62	9.70	30.00

BT-LE(125kbps)

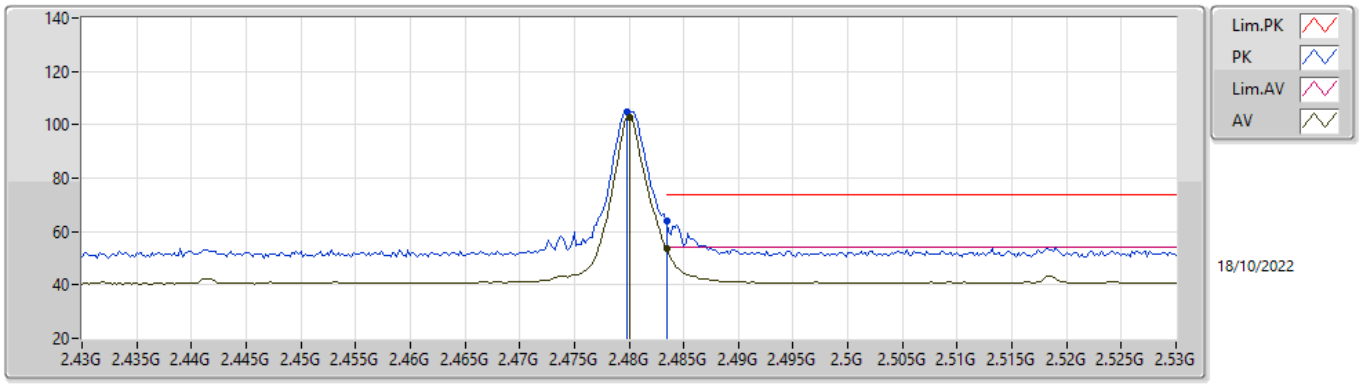
2480MHz_TX



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	2.48G	97.74	Inf	-Inf	5.35	3	Vertical	263	1.45	-	92.39	27.82	8.34	30.81
AV	2.4835G	48.88	54.00	-5.12	5.36	3	Vertical	263	1.45	-	43.52	27.83	8.34	30.81
PK	2.4798G	99.77	Inf	-Inf	5.35	3	Vertical	263	1.45	-	94.42	27.82	8.34	30.81
PK	2.4835G	56.86	74.00	-17.14	5.36	3	Vertical	263	1.45	-	51.50	27.83	8.34	30.81

BT-LE(125kbps)

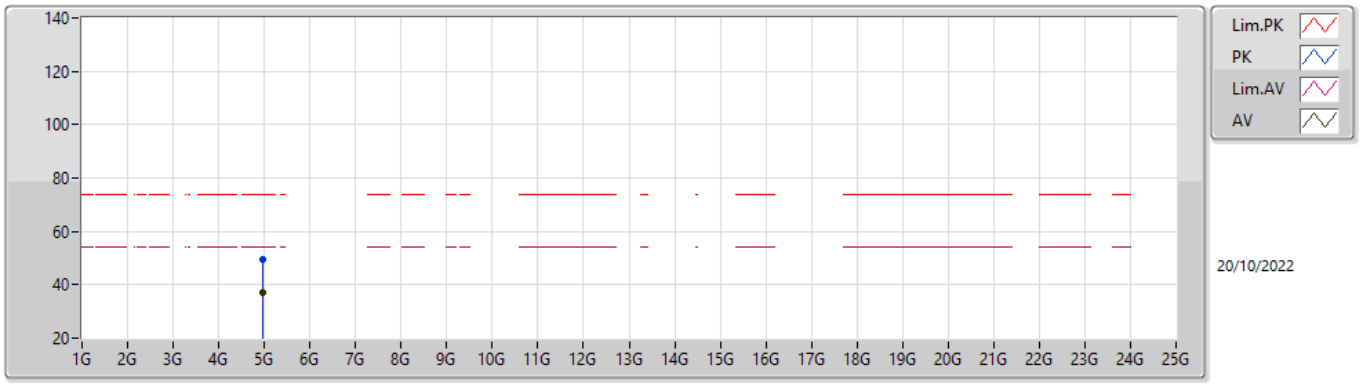
2480MHz_TX



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	2.48G	102.90	Inf	-Inf	5.35	3	Horizontal	320	2.08	-	97.55	27.82	8.34	30.81
AV	2.4835G	53.62	54.00	-0.38	5.36	3	Horizontal	320	2.08	-	48.26	27.83	8.34	30.81
PK	2.4798G	104.94	Inf	-Inf	5.35	3	Horizontal	320	2.08	-	99.59	27.82	8.34	30.81
PK	2.4835G	64.15	74.00	-9.85	5.36	3	Horizontal	320	2.08	-	58.79	27.83	8.34	30.81

BT-LE(125kbps)

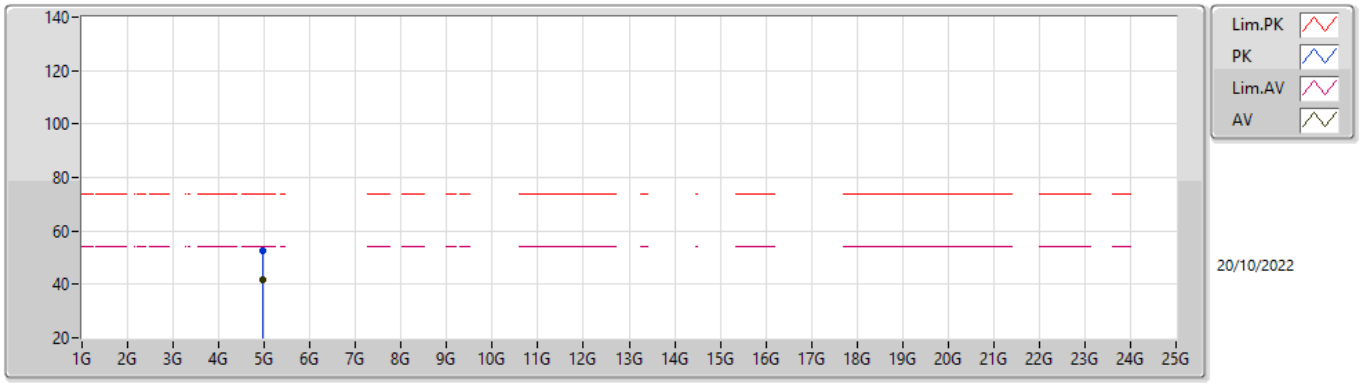
2480MHz_TX



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	4.96025G	37.11	54.00	-16.89	12.80	3	Vertical	203	1.41	-	24.31	33.04	9.73	29.97
PK	4.95934G	49.69	74.00	-24.31	12.80	3	Vertical	203	1.41	-	36.89	33.04	9.73	29.97

BT-LE(125kbps)

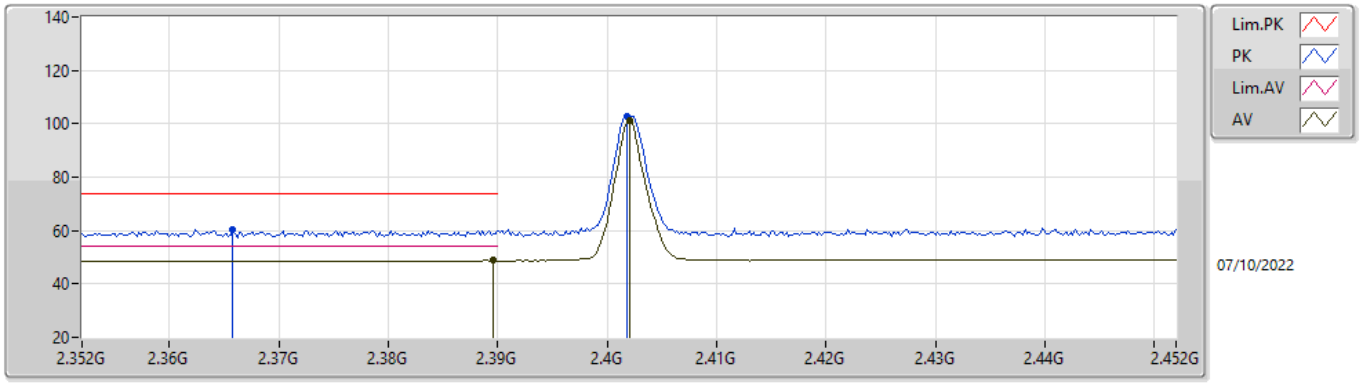
2480MHz_TX



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	4.96035G	41.47	54.00	-12.53	12.80	3	Horizontal	358	1.76	-	28.67	33.04	9.73	29.97
PK	4.96024G	52.76	74.00	-21.24	12.80	3	Horizontal	358	1.76	-	39.96	33.04	9.73	29.97

BT-LE(500kbps)

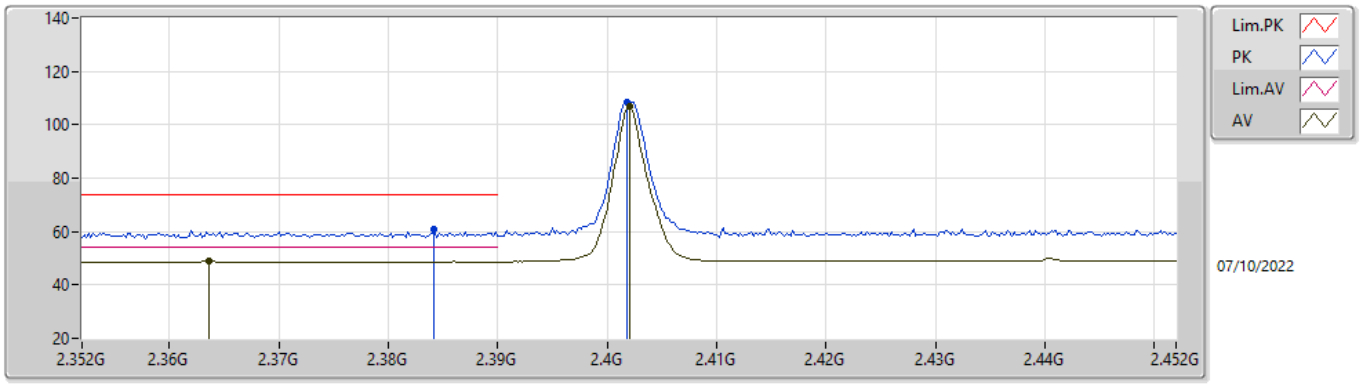
2402MHz_TX



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	2.3896G	48.79	54.00	-5.21	35.80	3	Vertical	209	2.94	-	12.99	27.52	8.28	-
AV	2.402G	101.07	Inf	-Inf	35.89	3	Vertical	209	2.94	-	65.18	27.60	8.29	-
PK	2.3658G	60.53	74.00	-13.47	35.59	3	Vertical	209	2.94	-	24.94	27.33	8.26	-
PK	2.4018G	102.89	Inf	-Inf	35.89	3	Vertical	209	2.94	-	67.00	27.60	8.29	-

BT-LE(500kbps)

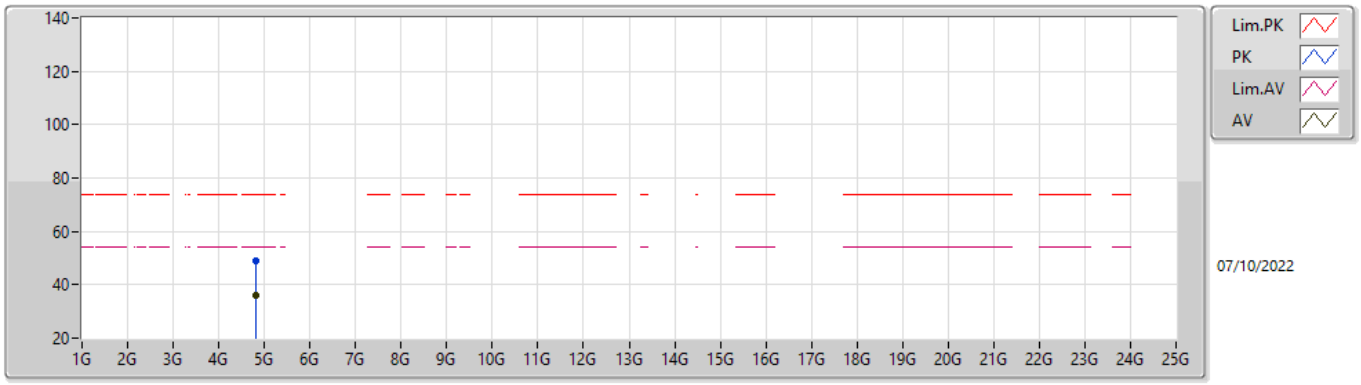
2402MHz_TX



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	2.3636G	49.13	54.00	-4.87	35.57	3	Horizontal	315	2.64	-	13.56	27.31	8.26	-
AV	2.402G	106.71	Inf	-Inf	35.89	3	Horizontal	315	2.64	-	70.82	27.60	8.29	-
PK	2.3842G	61.00	74.00	-13.00	35.75	3	Horizontal	315	2.64	-	25.25	27.47	8.28	-
PK	2.4018G	108.52	Inf	-Inf	35.89	3	Horizontal	315	2.64	-	72.63	27.60	8.29	-

BT-LE(500kbps)

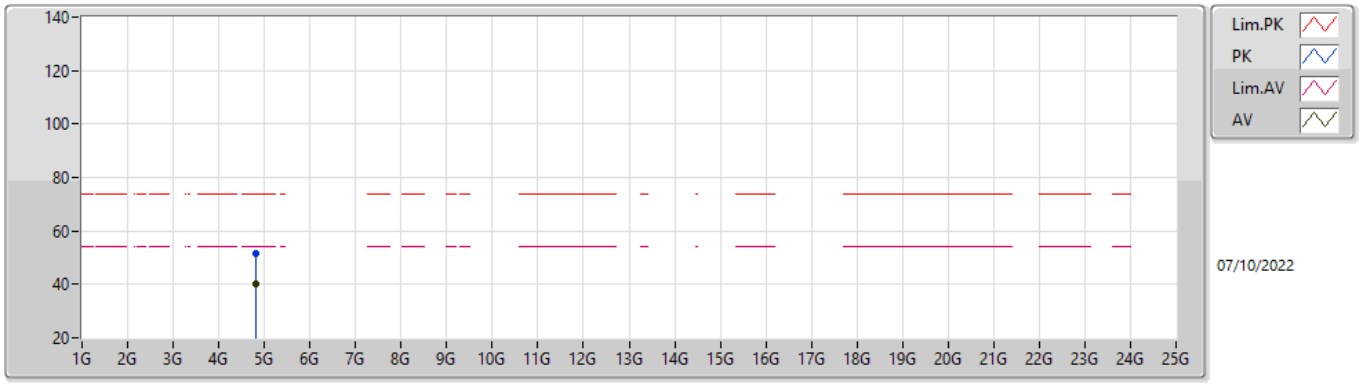
2402MHz_TX



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	4.80343G	36.02	54.00	-17.98	11.86	3	Vertical	184	1.26	-	24.16	32.22	9.67	30.03
PK	4.80438G	49.05	74.00	-24.95	11.87	3	Vertical	184	1.26	-	37.18	32.23	9.67	30.03

BT-LE(500kbps)

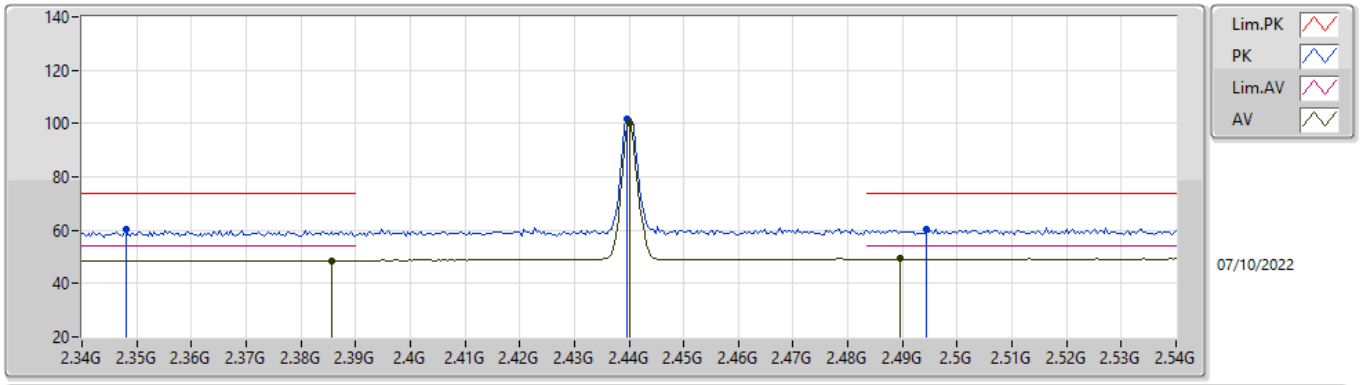
2402MHz_TX



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	4.80389G	40.17	54.00	-13.83	11.86	3	Horizontal	51	1.30	-	28.31	32.22	9.67	30.03
PK	4.80436G	51.49	74.00	-22.51	11.87	3	Horizontal	51	1.30	-	39.62	32.23	9.67	30.03

BT-LE(500kbps)

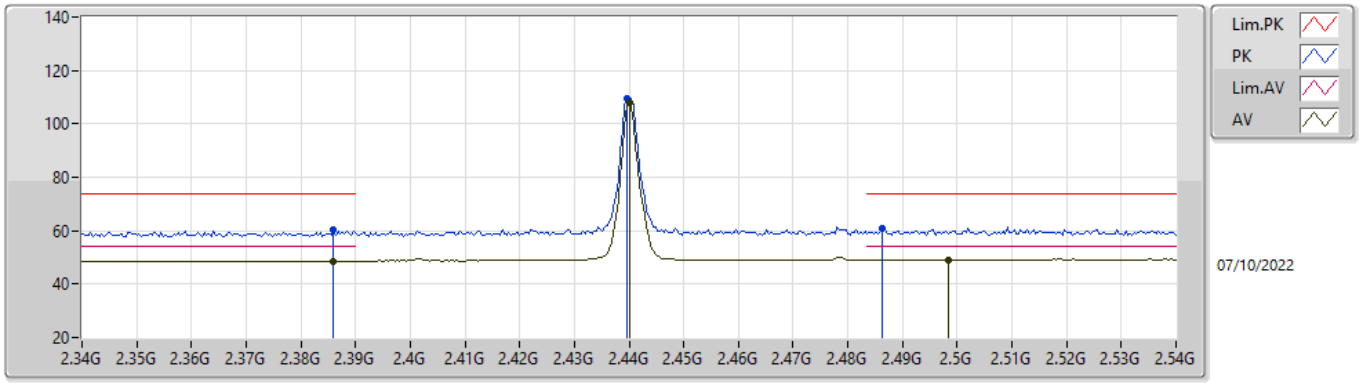
2440MHz_TX



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	2.3856G	48.67	54.00	-5.33	35.76	3	Vertical	92	2.15	-	12.91	27.48	8.28	-
AV	2.44G	100.01	Inf	-Inf	36.00	3	Vertical	92	2.15	-	64.01	27.68	8.32	-
AV	2.4896G	49.25	54.00	-4.75	36.21	3	Vertical	92	2.15	-	13.04	27.86	8.35	-
PK	2.348G	60.45	74.00	-13.55	35.45	3	Vertical	92	2.15	-	25.00	27.20	8.25	-
PK	2.4396G	101.86	Inf	-Inf	36.00	3	Vertical	92	2.15	-	65.86	27.68	8.32	-
PK	2.4944G	60.53	74.00	-13.47	36.23	3	Vertical	92	2.15	-	24.30	27.88	8.35	-

BT-LE(500kbps)

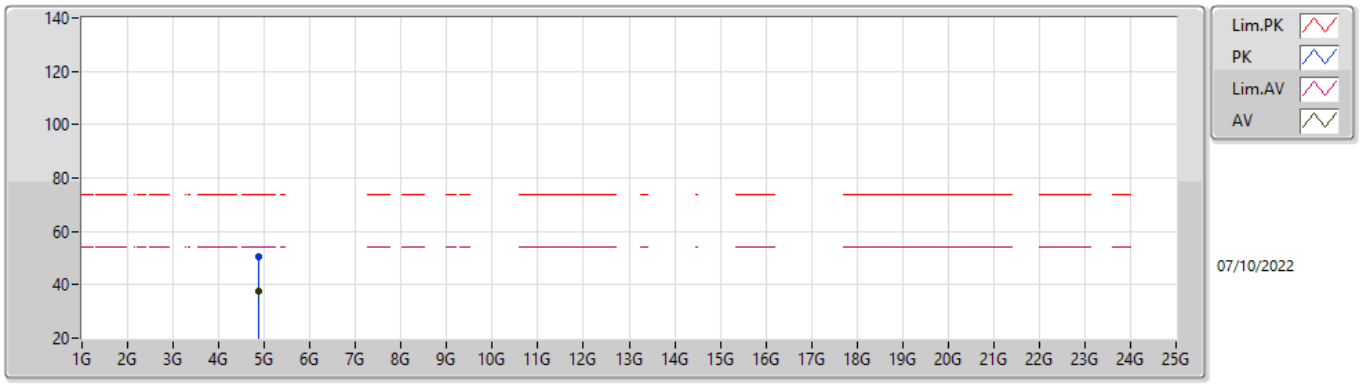
2440MHz_TX



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	2.386G	48.69	54.00	-5.31	35.77	3	Horizontal	315	2.59	-	12.92	27.49	8.28	-
AV	2.44G	107.74	Inf	-Inf	36.00	3	Horizontal	315	2.59	-	71.74	27.68	8.32	-
AV	2.4984G	49.22	54.00	-4.78	36.24	3	Horizontal	315	2.59	-	12.98	27.89	8.35	-
PK	2.386G	60.52	74.00	-13.48	35.77	3	Horizontal	315	2.59	-	24.75	27.49	8.28	-
PK	2.4396G	109.51	Inf	-Inf	36.00	3	Horizontal	315	2.59	-	73.51	27.68	8.32	-
PK	2.4864G	60.71	74.00	-13.29	36.20	3	Horizontal	315	2.59	-	24.51	27.85	8.35	-

BT-LE(500kbps)

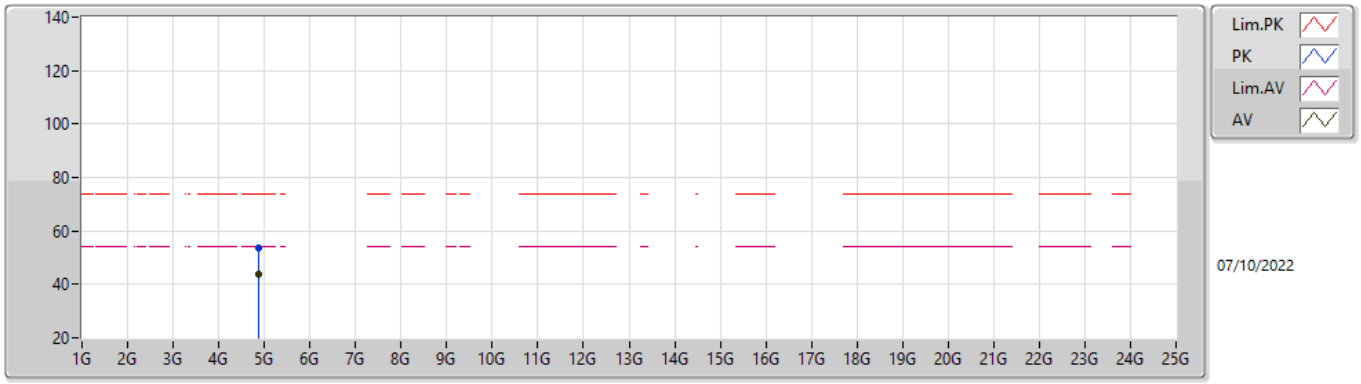
2440MHz_TX



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	4.88025G	37.41	54.00	-16.59	12.32	3	Vertical	184	1.00	-	25.09	32.62	9.70	30.00
PK	4.88032G	50.68	74.00	-23.32	12.32	3	Vertical	184	1.00	-	38.36	32.62	9.70	30.00

BT-LE(500kbps)

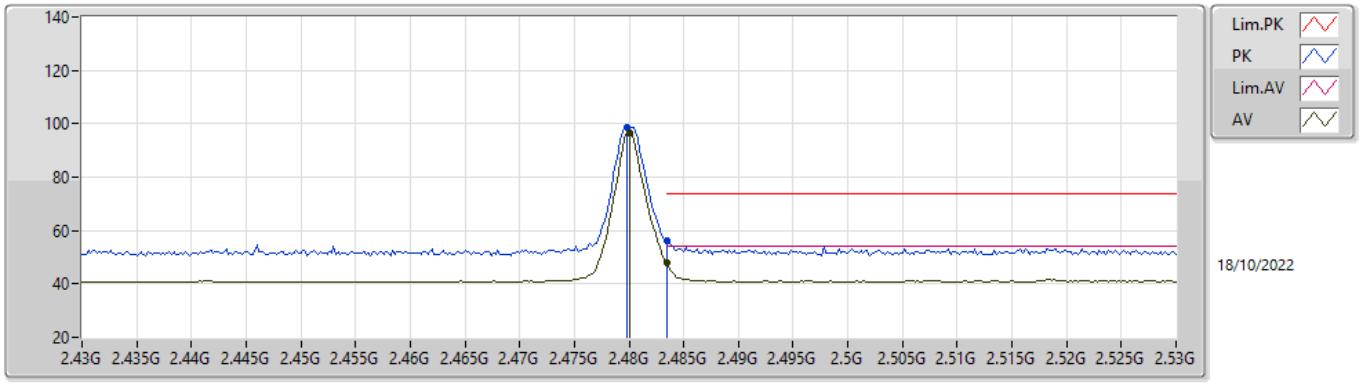
2440MHz_TX



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	4.87998G	43.87	54.00	-10.13	12.32	3	Horizontal	16	2.61	-	31.55	32.62	9.70	30.00
PK	4.87943G	53.38	74.00	-20.62	12.32	3	Horizontal	16	2.61	-	41.06	32.62	9.70	30.00

BT-LE(500kbps)

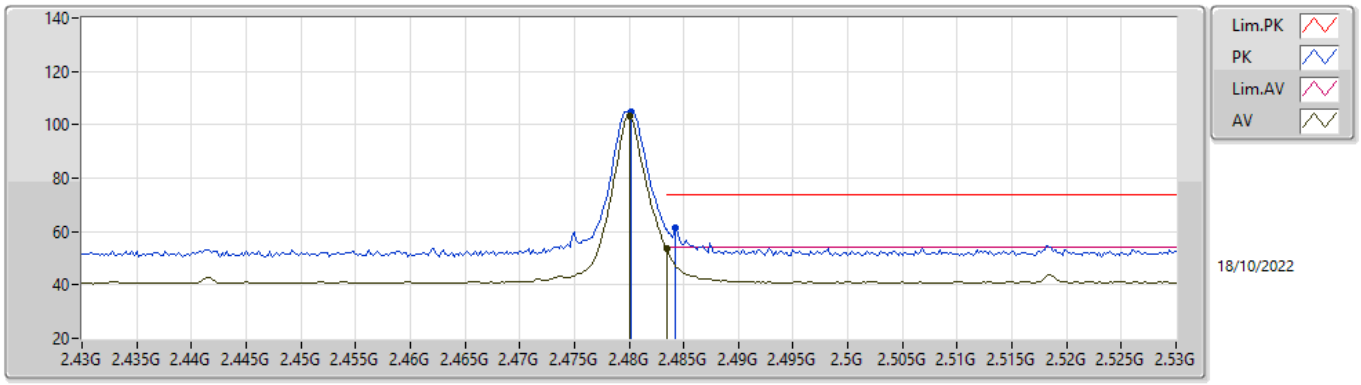
2480MHz_TX



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	2.48G	96.72	Inf	-Inf	5.35	3	Vertical	264	1.43	-	91.37	27.82	8.34	30.81
AV	2.4835G	47.83	54.00	-6.17	5.36	3	Vertical	264	1.43	-	42.47	27.83	8.34	30.81
PK	2.4798G	98.53	Inf	-Inf	5.35	3	Vertical	264	1.43	-	93.18	27.82	8.34	30.81
PK	2.4835G	56.31	74.00	-17.69	5.36	3	Vertical	264	1.43	-	50.95	27.83	8.34	30.81

BT-LE(500kbps)

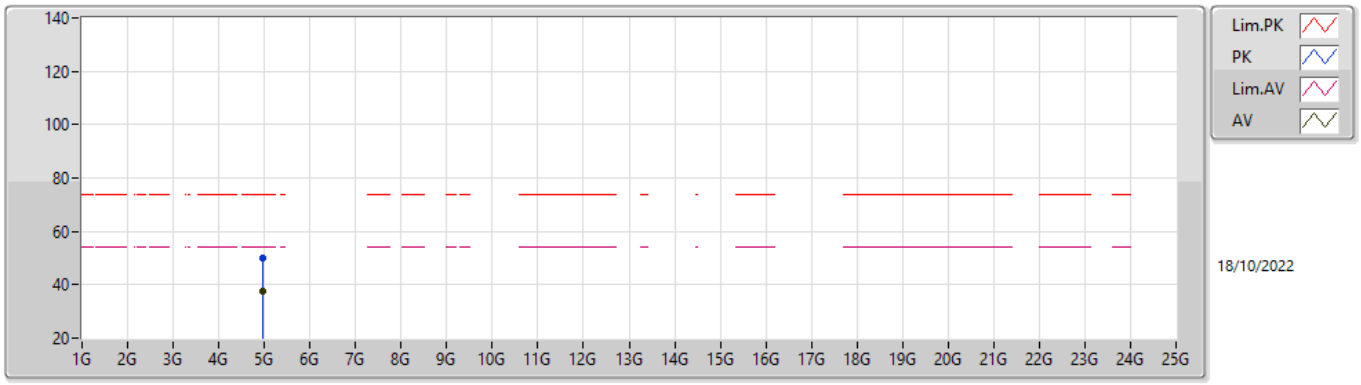
2480MHz_TX



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	2.48G	103.11	Inf	-Inf	5.35	3	Horizontal	321	2.07	-	97.76	27.82	8.34	30.81
AV	2.4835G	53.84	54.00	-0.16	5.36	3	Horizontal	321	2.07	-	48.48	27.83	8.34	30.81
PK	2.4802G	104.90	Inf	-Inf	5.35	3	Horizontal	321	2.07	-	99.55	27.82	8.34	30.81
PK	2.4842G	61.39	74.00	-12.61	5.37	3	Horizontal	321	2.07	-	56.02	27.84	8.34	30.81

BT-LE(500kbps)

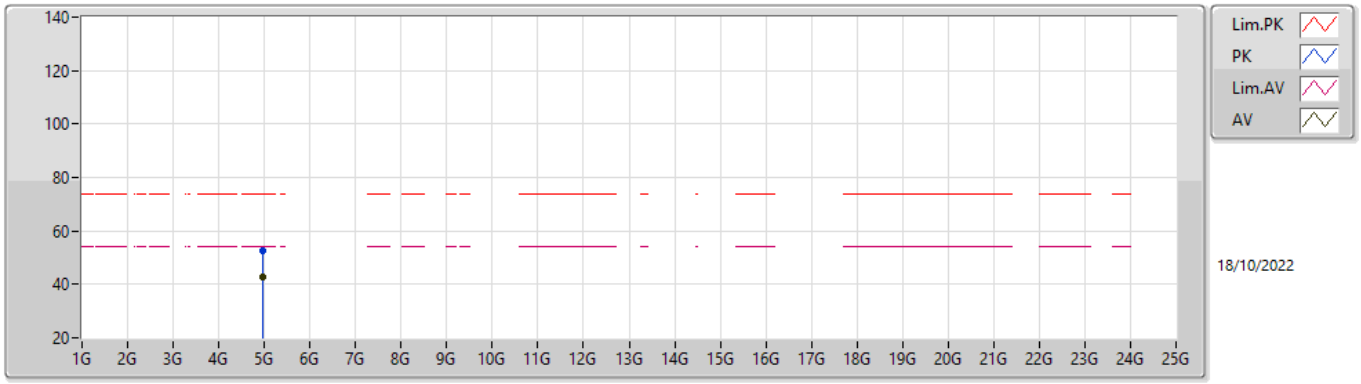
2480MHz_TX



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	4.96011G	37.59	54.00	-16.41	12.80	3	Vertical	207	1.36	-	24.79	33.04	9.73	29.97
PK	4.96071G	50.16	74.00	-23.84	12.80	3	Vertical	207	1.36	-	37.36	33.04	9.73	29.97

BT-LE(500kbps)

2480MHz_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	4.96014G	42.74	54.00	-11.26	12.80	3	Horizontal	358	1.98	-	29.94	33.04	9.73	29.97
PK	4.96061G	52.77	74.00	-21.23	12.80	3	Horizontal	358	1.98	-	39.97	33.04	9.73	29.97

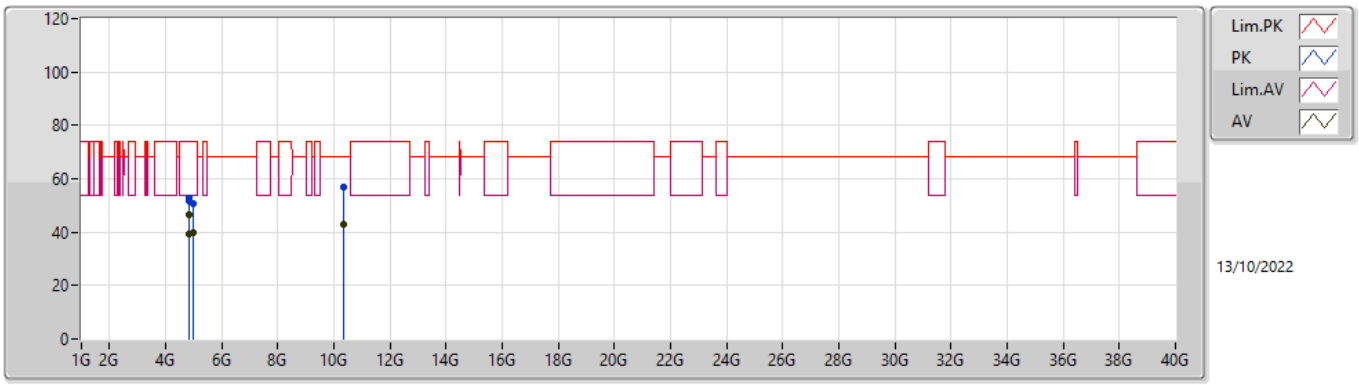
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	4.82399G	48.95	54.00	-5.05	Horizontal
Mode 2	Pass	AV	4.95991G	45.30	54.00	-8.70	Horizontal

Result

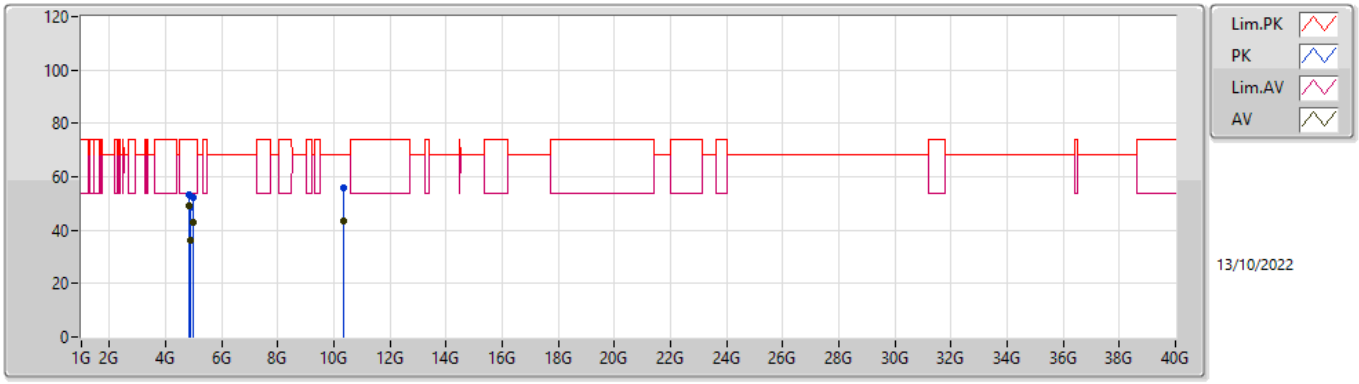
Mode	Configure
Mode 1	R1:2.4G+R1:5G+BT+R2:2.4G
Mode 2	R1:2.4G+R1:5G+BT+R2:5G

Radiated Emissions above 1GHz_Mode 1



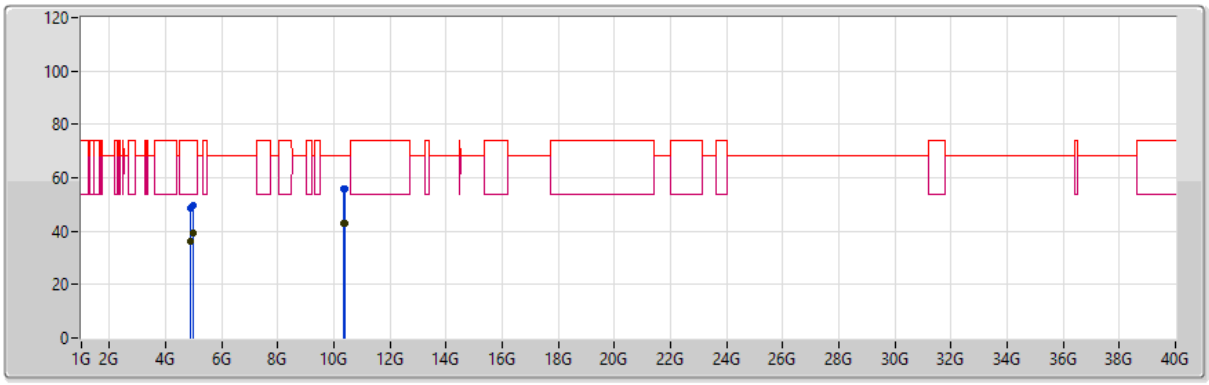
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
AV	4.82392G	46.62	54.00	-7.38	12.00	3	Vertical	20	1.25	-	34.62	32.34	9.68	30.02
AV	4.83698G	39.11	54.00	-14.89	12.08	3	Vertical	152	2.68	-	27.03	32.42	9.68	30.02
AV	4.96004G	39.64	54.00	-14.36	12.80	3	Vertical	47	1.80	-	26.84	33.04	9.73	29.97
AV	10.36035G	43.03	68.20	-25.17	20.73	3	Vertical	259	2.30	-	22.30	38.90	12.67	30.84
PK	4.82392G	52.97	74.00	-21.03	12.00	3	Vertical	20	1.25	-	40.97	32.34	9.68	30.02
PK	4.83695G	51.70	74.00	-22.30	12.08	3	Vertical	152	2.68	-	39.62	32.42	9.68	30.02
PK	4.96038G	50.55	74.00	-23.45	12.80	3	Vertical	47	1.80	-	37.75	33.04	9.73	29.97
PK	10.35924G	57.02	68.20	-11.18	20.73	3	Vertical	259	2.30	-	36.29	38.90	12.67	30.84

Radiated Emissions above 1GHz_Mode 1



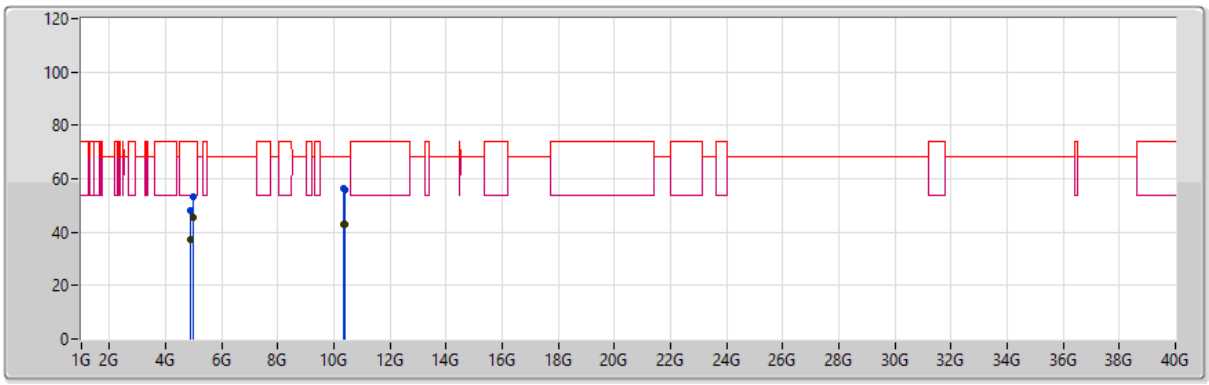
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
AV	4.82399G	48.95	54.00	-5.05	12.00	3	Horizontal	360	2.95	-	36.95	32.34	9.68	30.02
AV	4.87401G	35.96	54.00	-18.04	12.30	3	Horizontal	162	2.78	-	23.66	32.60	9.70	30.00
AV	4.96002G	43.16	54.00	-10.84	12.80	3	Horizontal	178	2.90	-	30.36	33.04	9.73	29.97
AV	10.35902G	43.32	68.20	-24.88	20.73	3	Horizontal	43	1.27	-	22.59	38.90	12.67	30.84
PK	4.82399G	53.07	74.00	-20.93	12.00	3	Horizontal	360	2.95	-	41.07	32.34	9.68	30.02
PK	4.87377G	48.70	74.00	-25.30	12.30	3	Horizontal	162	2.78	-	36.40	32.60	9.70	30.00
PK	4.95962G	52.14	74.00	-21.86	12.80	3	Horizontal	178	2.90	-	39.34	33.04	9.73	29.97
PK	10.36004G	55.91	68.20	-12.29	20.73	3	Horizontal	43	1.27	-	35.18	38.90	12.67	30.84

Radiated Emissions above 1GHz_Mode 2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
AV	4.87402G	36.29	54.00	-17.71	12.30	3	Vertical	28	1.00	-	23.99	32.60	9.70	30.00
AV	4.9598G	39.14	54.00	-14.86	12.80	3	Vertical	39	1.00	-	26.34	33.04	9.73	29.97
AV	10.36182G	43.12	68.20	-25.08	20.73	3	Vertical	163	2.96	-	22.39	38.90	12.67	30.84
AV	10.40131G	42.99	68.20	-25.21	20.74	3	Vertical	336	1.50	-	22.25	38.90	12.69	30.85
PK	4.87194G	48.69	74.00	-25.31	12.29	3	Vertical	28	1.00	-	36.40	32.59	9.70	30.00
PK	4.96033G	49.79	74.00	-24.21	12.80	3	Vertical	39	1.00	-	36.99	33.04	9.73	29.97
PK	10.35978G	56.08	68.20	-12.12	20.73	3	Vertical	163	2.96	-	35.35	38.90	12.67	30.84
PK	10.3986G	55.74	68.20	-12.46	20.74	3	Vertical	336	1.50	-	35.00	38.90	12.69	30.85

Radiated Emissions above 1GHz_Mode 2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
AV	4.87397G	37.37	54.00	-16.63	12.30	3	Horizontal	52	2.70	-	25.07	32.60	9.70	30.00
AV	4.95991G	45.30	54.00	-8.70	12.80	3	Horizontal	0	1.87	-	32.50	33.04	9.73	29.97
AV	10.36152G	43.09	68.20	-25.11	20.73	3	Horizontal	228	1.45	-	22.36	38.90	12.67	30.84
AV	10.39788G	43.04	68.20	-25.16	20.74	3	Horizontal	259	1.50	-	22.30	38.90	12.69	30.85
PK	4.87389G	48.22	74.00	-25.78	12.30	3	Horizontal	52	2.70	-	35.92	32.60	9.70	30.00
PK	4.96032G	53.16	74.00	-20.84	12.80	3	Horizontal	0	1.87	-	40.36	33.04	9.73	29.97
PK	10.3617G	56.56	68.20	-11.64	20.73	3	Horizontal	228	1.45	-	35.83	38.90	12.67	30.84
PK	10.40086G	56.06	68.20	-12.14	20.74	3	Horizontal	259	1.50	-	35.32	38.90	12.69	30.85