

NCC Radio Test Report

Equipment : Webex Desk Mini
Brand Name : CISCO
Model Name : TTC9-01
Applicant : 台灣思科系統股份有限公司
臺北市信義區信義路 4 段 460 號 12 樓
Manufacturer : Cisco Systems, Inc.
170 West Tasman Drive, San Jose, CA 95134, USA
Standard : LP0002 Section 4.10 (2020-07-01)

The product was received on Dec. 14, 2021, and testing was started from Dec. 23, 2021 and completed on Jan. 08, 2022. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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



Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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

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TEL : 886-3-3273456
FAX : 886-3-3270973
Report Template No.: HE1-C10 Ver4.2

Summary of Test Result

Report Clause	Ref.Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	4.10.1.4	Antenna Requirement	PASS	-
3.1	3.3	AC Power-line Conducted Emissions	PASS	-
3.2	4.10.1.6	DTS Bandwidth	PASS	-
3.3	4.10.1.2	Maximum Conducted Output Power	PASS	-
3.4	4.10.1.6	Power Spectral Density	PASS	-
3.5	4.10.1.5	Emissions in Non-restricted Frequency Bands	PASS	-
3.6	4.10.1.5	Emissions in Restricted Frequency Bands	PASS	-
3.7	3.9	Receiver Radiated Unwanted Emissions	PASS	-

Declaration of Conformity:

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

Comments and explanations:

None

Reviewed by: Ben Tseng

Report Producer: Debby Hung

1 General Description

1.1 Information

1.1.1 RF General Information

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

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	BT-LE(1Mbps)	1.0	1TX
2.4-2.4835GHz	BT-LE(125kbps)	1.0	1TX
2.4-2.4835GHz	BT-LE(500kbps)	1.0	1TX
2.4-2.4835GHz	BT-LE(2Mbps)	2.0	1TX

Note:

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	Amphenol	Bandai WLAN 1	PCB	I-PEX
2	Amphenol	Bandai WLAN 2	PCB	I-PEX

Ant.	Port	Gain (dBi)					
		2.4G	5G				BT
			U-NII-1	U-NII-2A	U-NII-2C	U-NII-3	
1	1	5.0	2.7	2.4	3.7	3.1	-
2	2	4.9	3.7	3.7	4.9	4.0	4.9

Note 1: The EUT has two antennas.

For 2.4GHz function:

For IEEE 802.11 b/g mode (1TX/1RX)

Support diversity function and pre-tested on each single chain, the worst case was Ant. 2 (port 2) and it was recorded in this test report.

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

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

For BT function:

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

Only Ant.2 (port 2) can be used as transmitting/receiving.

For 5GHz function:

For IEEE 802.11 a mode (1TX/1RX)

Support diversity function and pre-tested on each single chain, the worst case was Ant. 1 (port 1) and it was recorded in this test report.

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

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

1.1.3 EUT Information

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

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
BT-LE(1Mbps)	0.649	1.88	411.563u	3k
BT-LE(125kbps)	0.808	0.93	3.098m	1k
BT-LE(500kbps)	0.558	2.53	1.078m	1k
BT-LE(2Mbps)	0.343	4.65	216.875u	10k

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:

- ♦ LP0002 (2020-07-01)
- ♦ ANSI C63.10-2013
- ♦ ANSI C63.4-2014

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

- ♦ KDB 558074 D01 v05r02
- ♦ KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456	FAX: 886-3-327-0973		
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Daniel Lin	20.1~21.0°C / 56~59%	08/Jan/2022
RF Conducted	TH06-HY	Johnny Yu	20.3~24.6°C / 50~60%	29/Dec/2021~30/Dec/2021
Radiated	03CH02-HY	Daniel Lin	20.3~24.1°C / 55~58%	23/Dec/2021~07/Jan/2022
☐ Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787	FAX: 886-3-318-0287		

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
Conducted Emission (150kHz ~ 30MHz)	0.9 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	2.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.0 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 v6.1
Mode	Power Setting
BT-LE(1Mbps)	-
2402MHz	Default
2440MHz	Default
2480MHz	Default
BT-LE(2Mbps)	-
2402MHz	Default
2440MHz	Default
2480MHz	Default
BT-LE(125kbps)	-
2402MHz	Default
2440MHz	Default
2480MHz	Default
BT-LE(500kbps)	-
2402MHz	Default
2440MHz	Default
2480MHz	Default

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 110Vac / 60Hz
Operating Mode	CTX/CRX
1	Switching Power Supply- TX
2	Switching Power Supply- RX

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 Receiver Radiated Spurious Emissions		
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/CRX		
1	Switching Power Supply		
Operating Mode > 1GHz	CTX/CRX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT		V	

2.3 Accessories

Accessories				
RJ45 Cable	Brand Name	CISCO	Model Name	72-101042-01
	Signal Line	3.0 meter, shielded cable, w/o ferrite core		
USB-C Cable	Brand Name	CISCO	Model Name	72-101585-01
	Signal Line	1.7 meter, shielded cable, w/o ferrite core		

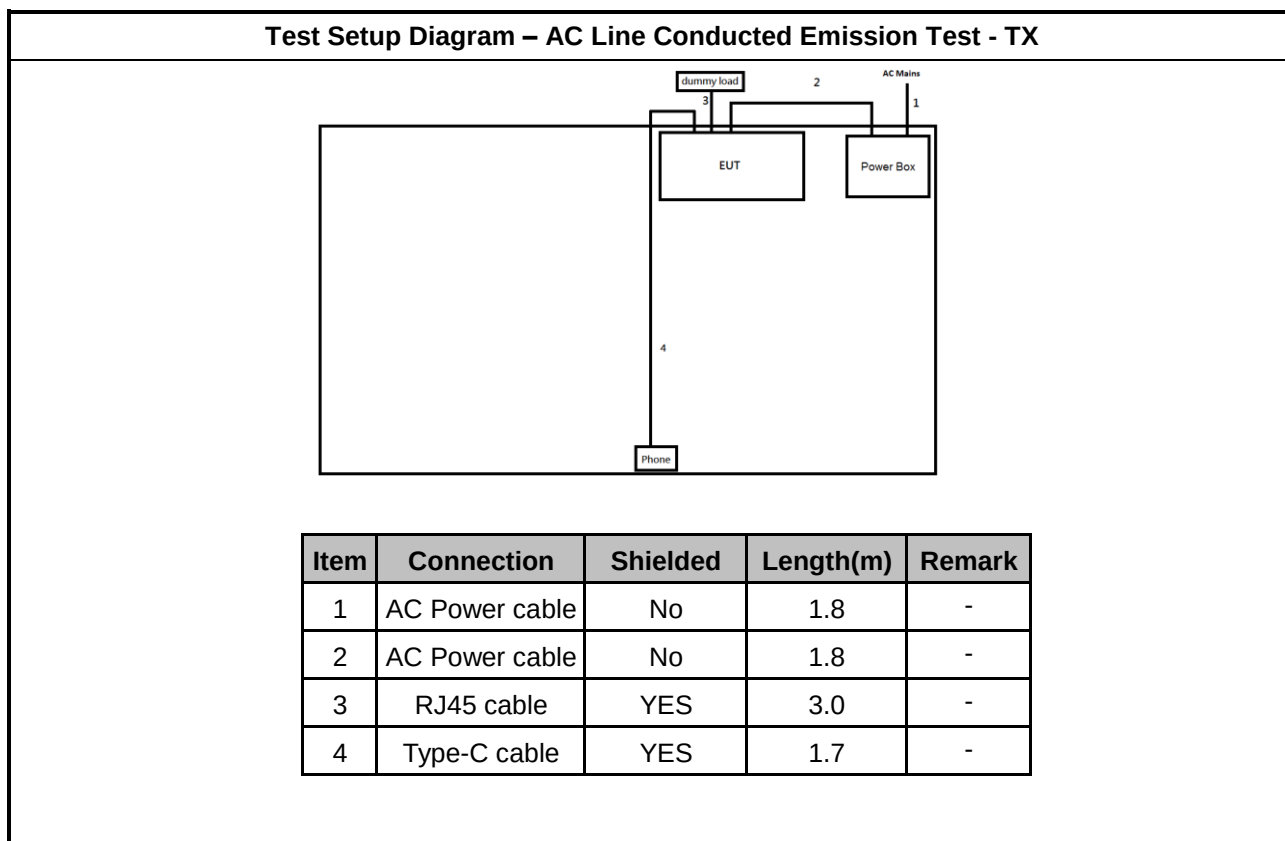
Reminder: Regarding to more detail and other information, please refer to user manual.

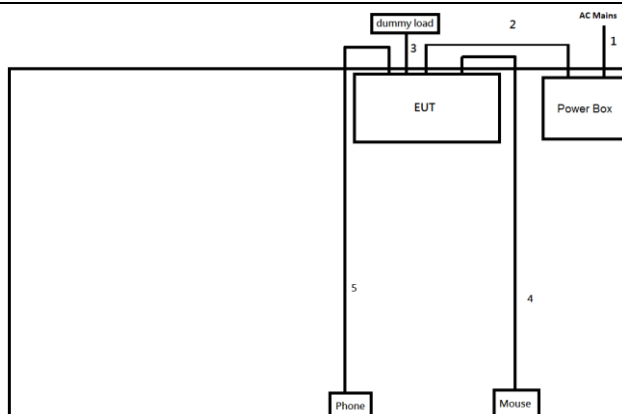
2.4 Support Equipment

Support Equipment – AC Conduction and Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	PW-GPC180-3	Power sync	PW-GPC180-3	-	-
2	dummy load	Sporton	Sporton	-	-
3	Mouse	DELL	MS111-P	-	-
4	Phone	Samsung	SM-G973F/DS	-	-

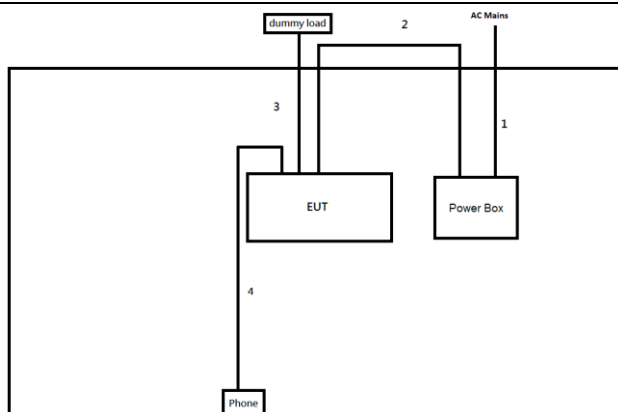
Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-

2.5 Test Setup Diagram

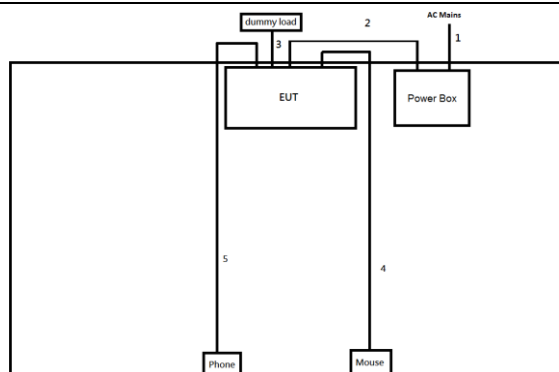


Test Setup Diagram – AC Line Conducted Emission Test - RX


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	AC Power cable	No	1.8	-
3	RJ45 cable	YES	3.0	-
4	Mouse USB cable	YES	1.5	-
5	Type-C cable	YES	1.7	-

Test Setup Diagram - Radiated Test - TX


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	AC Power cable	No	1.8	-
3	RJ45 cable	YES	3.0	-
4	Type-C cable	YES	1.7	-

Test Setup Diagram - Radiated Test - RX


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	AC Power cable	No	1.8	-
3	RJ45 cable	YES	3.0	-
4	Mouse USB cable	YES	1.5	-
5	Type-C cable	YES	1.7	-

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

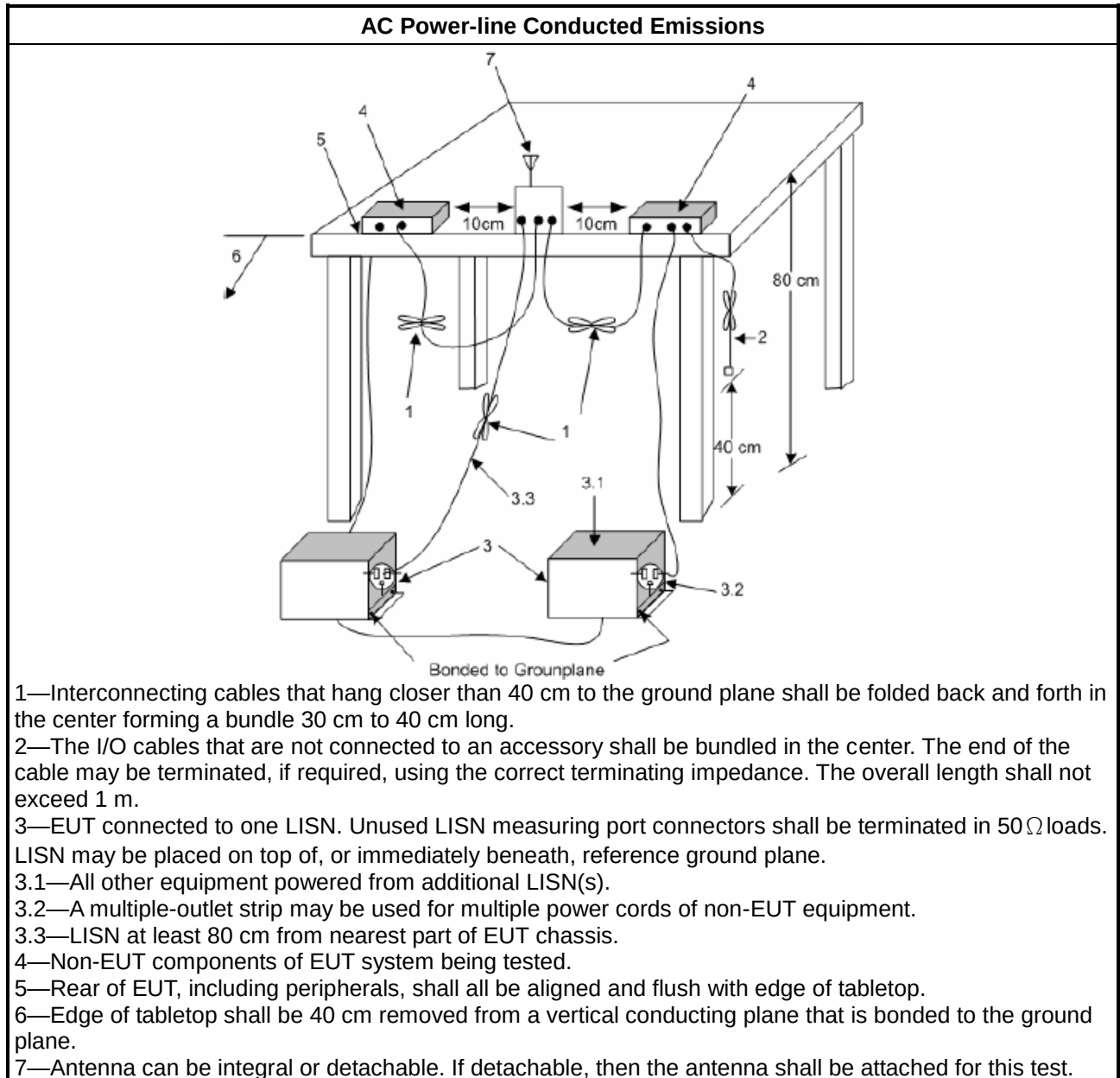
Test Method
▪ Refer as ANSI C63.10-2013, clause 6.2 foray power-line conducted emissions.

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



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

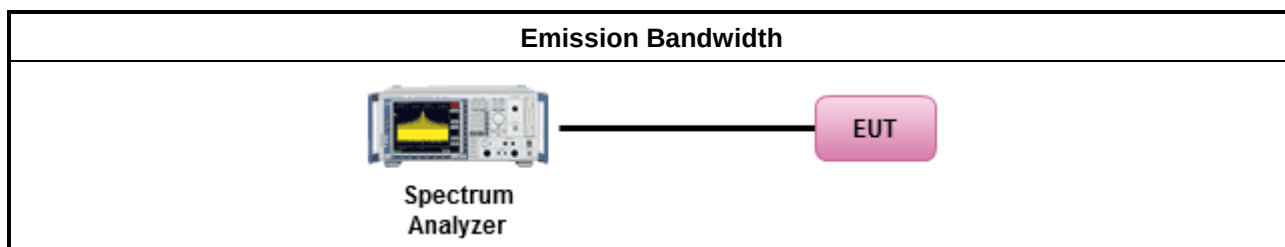
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
▪ For the emission bandwidth shall be measured using one of the options below:	
☒	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



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

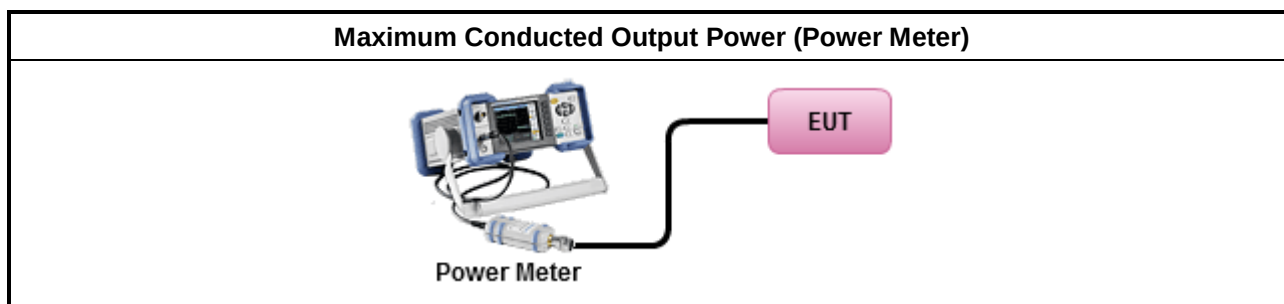
3.3.2 Measuring Instruments

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

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

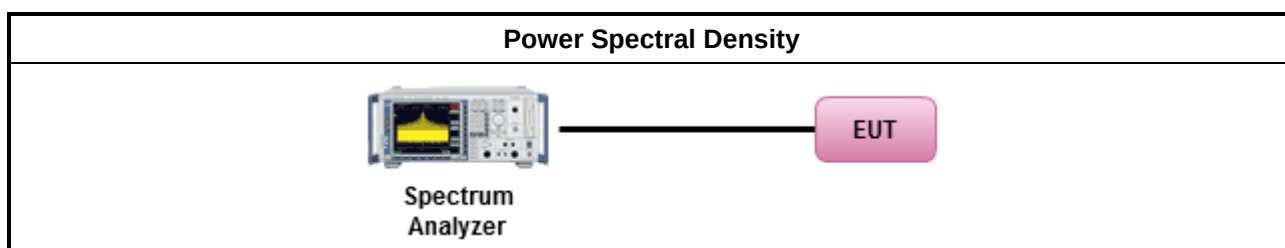
3.4.2 Measuring Instruments

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



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.	

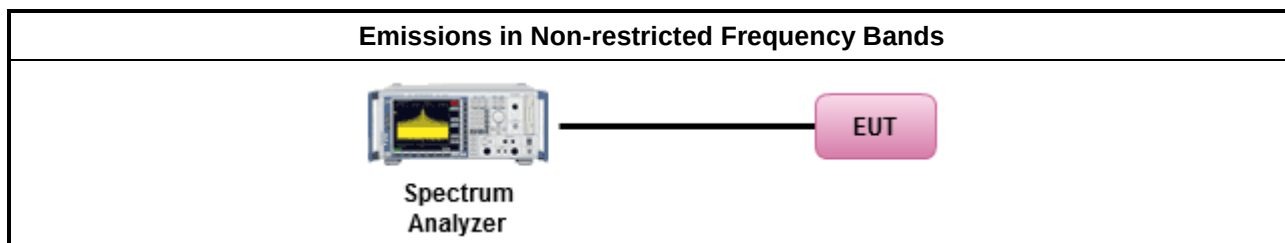
3.5.2 Measuring Instruments

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



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

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

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

3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

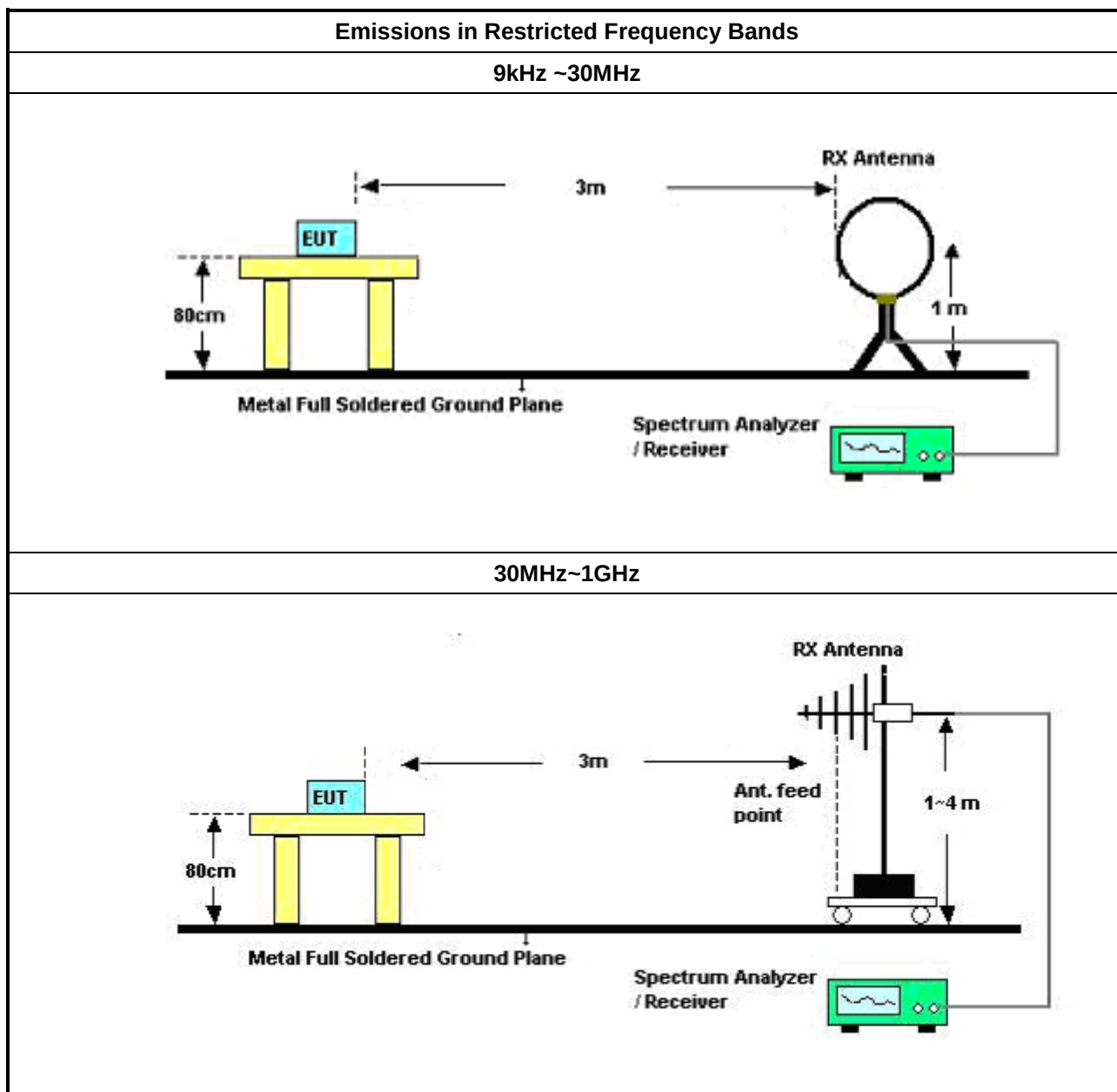
Test Method	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as KDB 558074, clause 8.6 (11.12 of ANSI C63.10) for restricted frequency bands.
For the transmitter band-edge emissions shall be measured using following options below:	
	Refer as KDB 558074 clause 8.7.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.
	Refer as KDB 558074, clause 8.7.2 (6.10.6 of ANSI C63.10) for marker-delta method for band-edge measurements.
	Refer as KDB 558074, clause 8.7.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels.
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	
	Based on LP0002 6.5.2: 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.

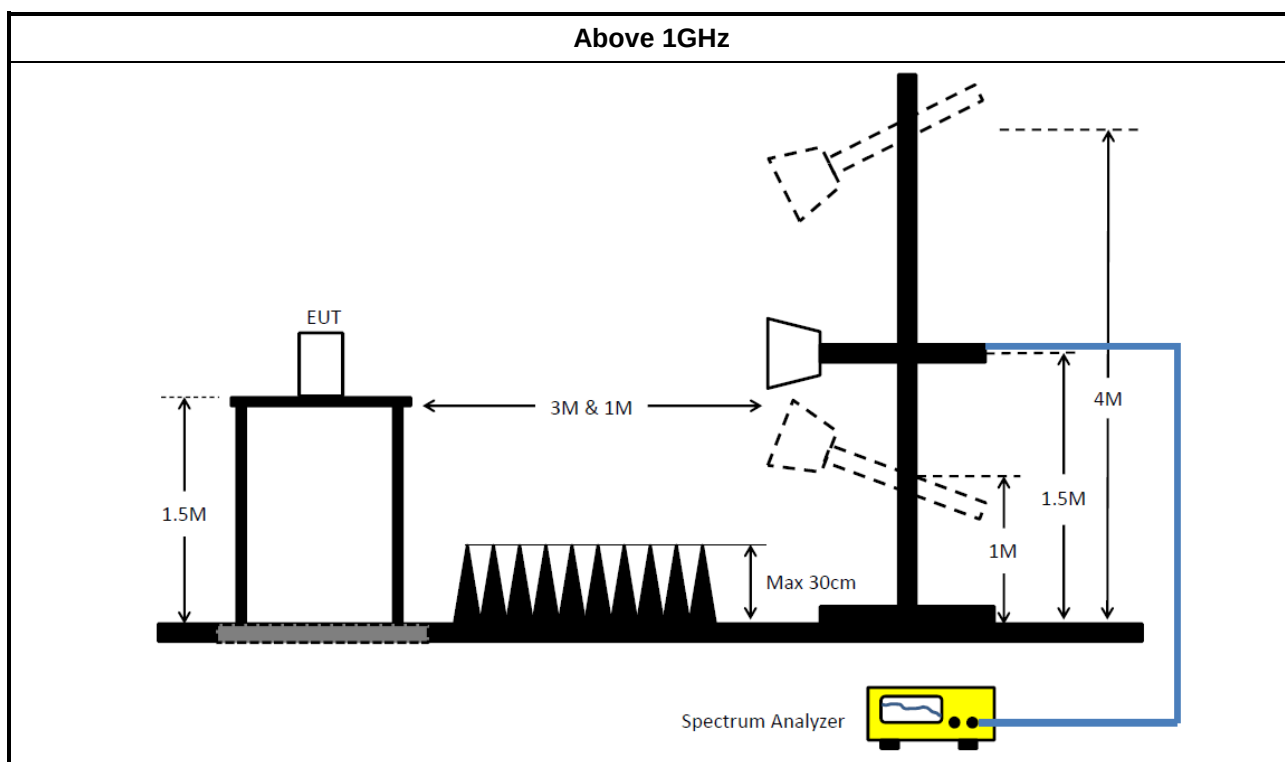
3.6.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.6.5 Test Setup





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

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

3.7 Receiver Radiated Spurious Emissions

3.7.1 Receiver in Radiated Spurious Emissions Limit

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

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

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

3.7.2 Measuring Instruments

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

3.7.3 Test Procedures

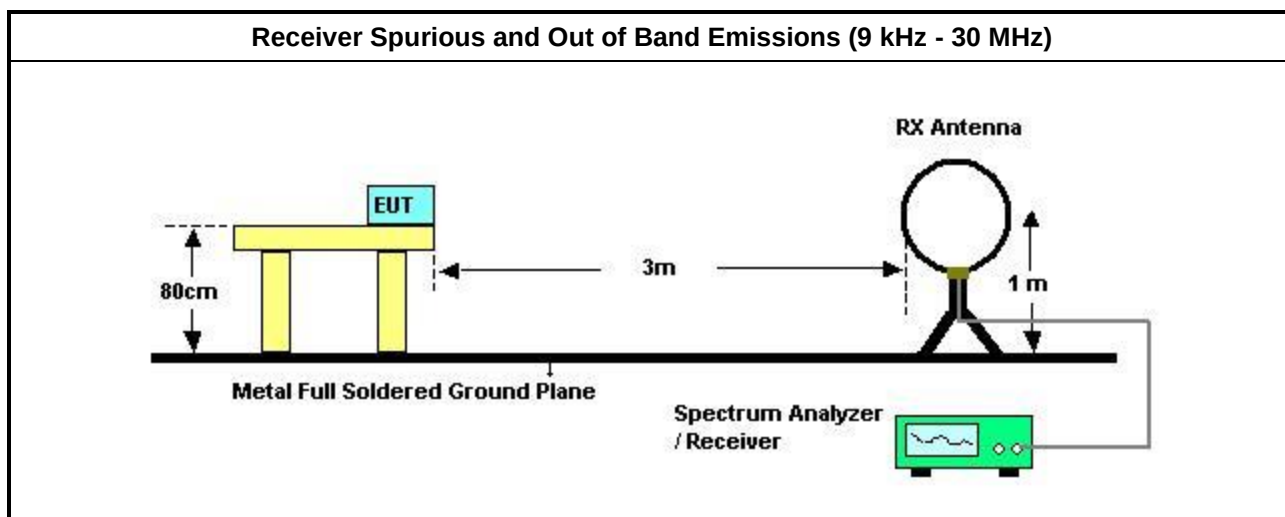
Test Method	
☒	The search for spurious emissions shall be from the lowest frequency internally generated or used in the receiver (e.g. local oscillator, intermediate or carrier frequency), or 30 MHz, whichever is higher, to at least 3 times the highest tuneable or local oscillator frequency, whichever is higher, without exceeding 40 GHz.
☒	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).
☒	For radiated measurement, refer as ANSI C63.4, clause 8.3.
☒	Refer as ANSI C63.4, clause 8.3.1.1 and 8.3.2.1 for radiated emissions from below 30 MHz.
☒	Refer as ANSI C63.4, clause 8.3.1.1 and 8.3.2.1 for radiated emissions from 30 MHz-1 GHz. For the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the QP-Limit so that the QP level does not need to be reported in addition.
☒	Refer as ANSI C63.4, clause 8.3.1.2 and 8.3.2.2 for radiated emissions from above 1 GHz. For the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
☒	All amplitude of spurious emissions that are attenuated by more than 30 dB below the permissible value has no need to be reported.

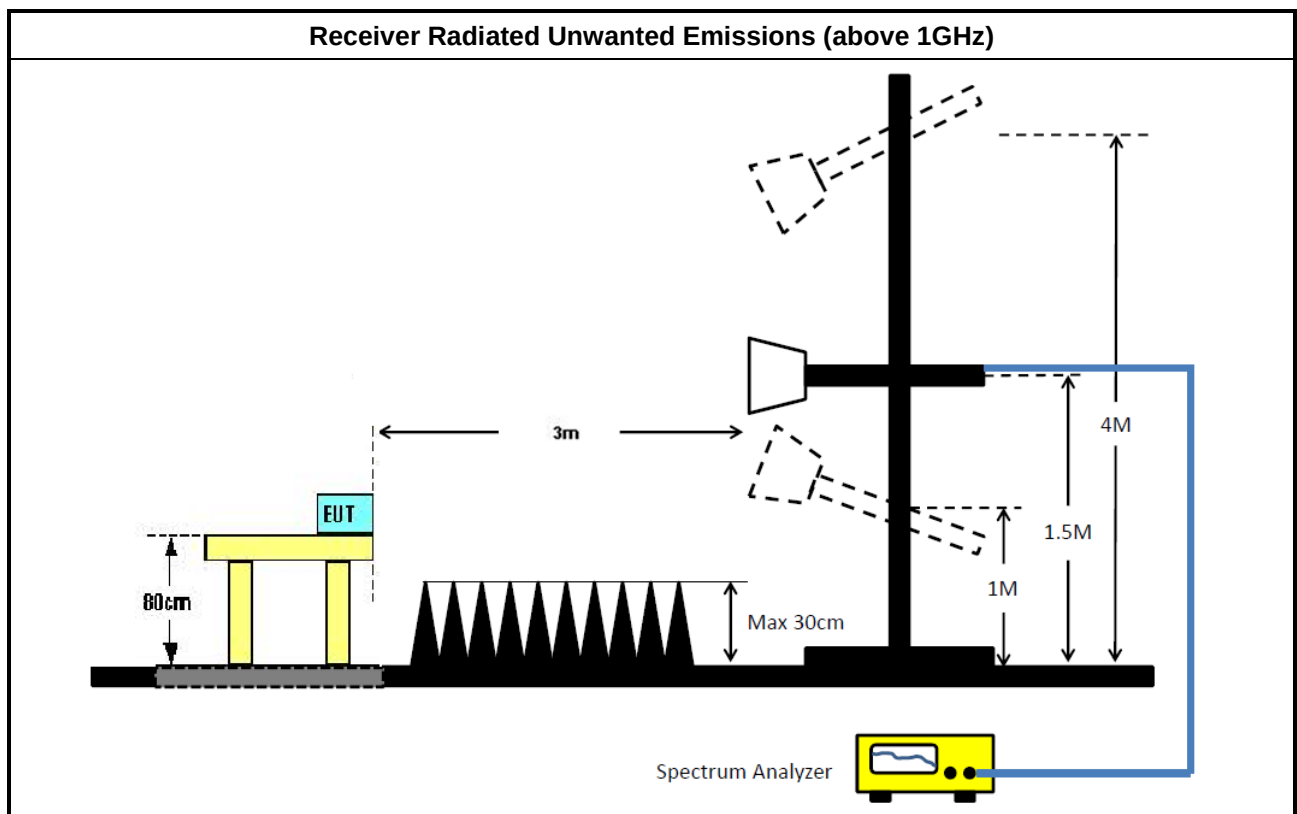
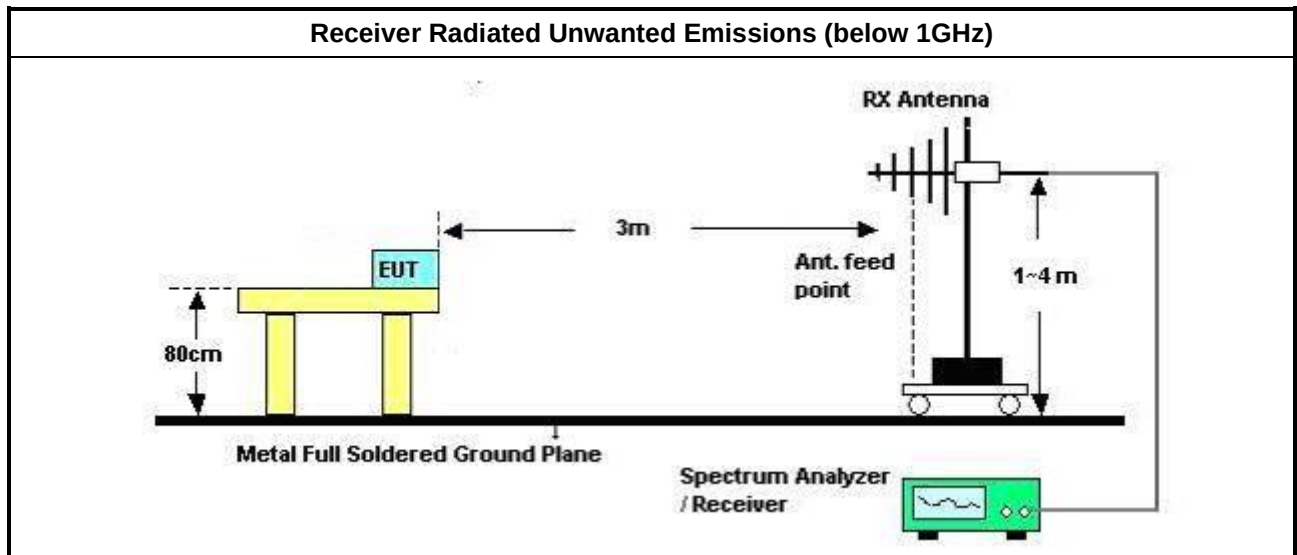
3.7.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.7.5 Test Setup





3.7.6 Receiver Radiated Unwanted Emissions (Below 30MHz)

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

3.7.7 Test Result of Receiver Radiated Unwanted Emissions

Refer as Appendix G

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR3	102051	9kHz ~ 3.6GHz	21/May/2021	20/May/2022
Two-Line V-Network	R&S	ENV216	100003	9kHz ~ 30MHz	23/Dec/2021	22/Dec/2022
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9kHz~200MHz	03/Mar/2021	02/Mar/2022
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	26/Oct/2021	25/Oct/2022
SENSE-EMI	Sporton	V5.10.7.13	N/A	N/A	N/A	N/A

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	20/Oct/2021	19/Oct/2022
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	21/Oct/2021	20/Oct/2022
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	25/Mar/2021	24/Mar/2022
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	25/Mar/2021	24/Mar/2022
SENSE-15247_FS	Sporton	V5.10.7.13	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	02/Aug/2021	01/Aug/2022
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	01/Aug/2021	31/Jul/2022
Signal Analyzer	R&S	FSP40	100593	9kHz~40GHz	12/Mar/2021	11/Mar/2022
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	29/Jun/2021	28/Jun/2022
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	03/Nov/2021	02/Nov/2022
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz~1GHz	04/Sep/2021	03/Sep/2022
Double Ridged Guide Horn Antenna	SCHWARZBEC	BBHA 9120 D	BBHA 9120 D 01543	1GHz~18GHz	04/Jun/2021	03/Jun/2022
RF Cable	MVE	400LL	MVE-1-0802	9kHz~30MHz	05/May/2021	04/May/2022
RF Cable	MVE	400LL	MVE-1-0802	30MHz~1GHz	05/May/2021	04/May/2022
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	805193/4+805192/4	1GHz~40GHz	06/Apr/2021	05/Apr/2022
Broadband Horn Antenna	SCHWARZBEC K	BBHA 9170	BBHA 9170221	15GHz~40GHz	11/Mar/2021	10/Mar/2022
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz~40GHz	09/Mar/2021	08/Mar/2022
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2021	15/Mar/2022
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	19/Apr/2021	18/Apr/2022
SENSE-15247_FS	Sporton	V5.10.7.13	N/A	N/A	N/A	N/A



Conducted Emissions at Powerline

Appendix A

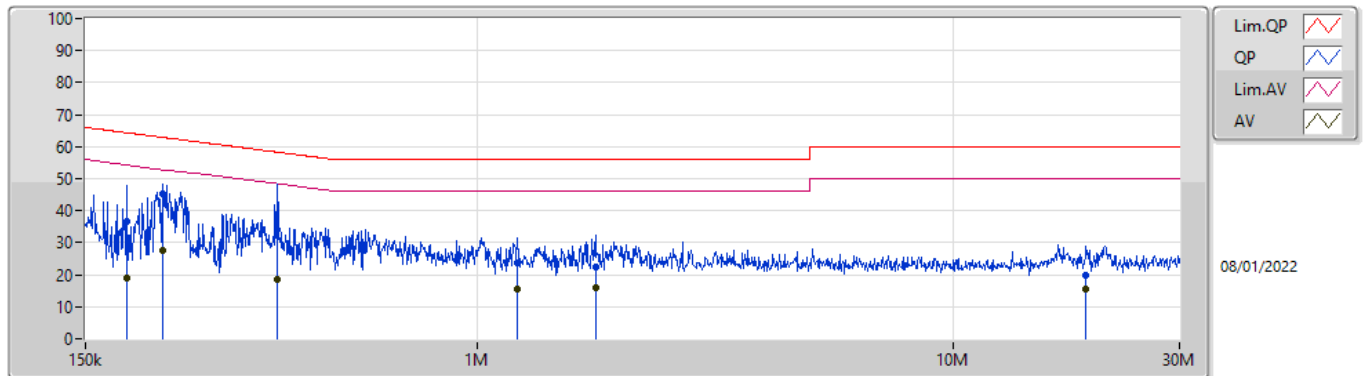
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	217.434k	45.16	62.92	-17.76	Line
Mode 2	Pass	QP	210.599k	46.04	63.19	-17.15	Line

Result

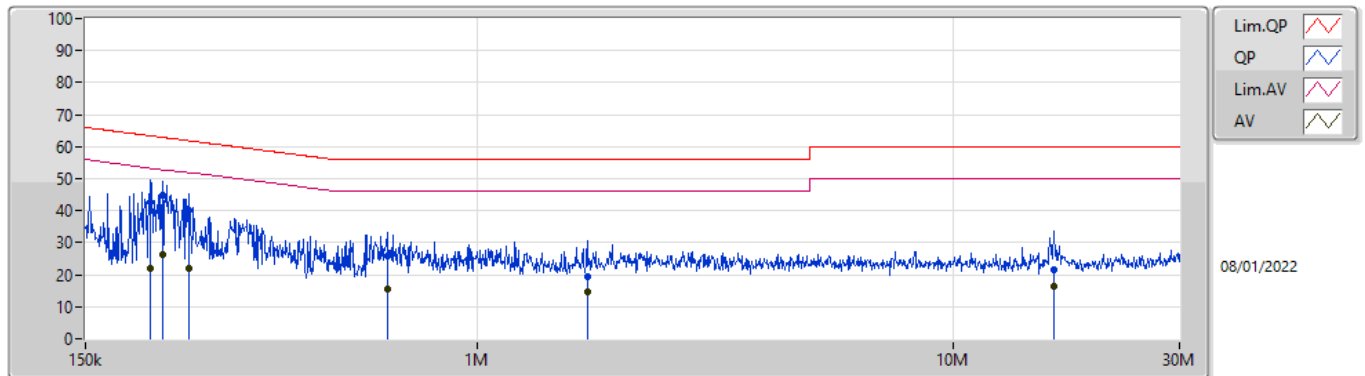
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	183.137k	36.66	64.34	-27.68	Line	-
Mode 1	Pass	AV	183.137k	18.79	54.34	-35.55	Line	-
Mode 1	Pass	QP	217.434k	45.16	62.92	-17.76	Line	-
Mode 1	Pass	AV	217.434k	27.65	52.92	-25.27	Line	-
Mode 1	Pass	QP	378.715k	33.95	58.31	-24.36	Line	-
Mode 1	Pass	AV	378.715k	18.62	48.31	-29.69	Line	-
Mode 1	Pass	QP	1.215M	23.66	56.00	-32.34	Line	-
Mode 1	Pass	AV	1.215M	15.69	46.00	-30.31	Line	-
Mode 1	Pass	QP	1.775M	22.49	56.00	-33.51	Line	-
Mode 1	Pass	AV	1.775M	15.87	46.00	-30.13	Line	-
Mode 1	Pass	QP	19.091M	19.98	60.00	-40.02	Line	-
Mode 1	Pass	AV	19.091M	15.72	50.00	-34.28	Line	-
Mode 1	Pass	QP	205.615k	42.70	63.38	-20.68	Neutral	-
Mode 1	Pass	AV	205.615k	21.88	53.38	-31.50	Neutral	-
Mode 1	Pass	QP	217.434k	44.93	62.92	-17.99	Neutral	-
Mode 1	Pass	AV	217.434k	26.10	52.92	-26.82	Neutral	-
Mode 1	Pass	QP	247.062k	40.18	61.85	-21.67	Neutral	-
Mode 1	Pass	AV	247.062k	22.10	51.85	-29.75	Neutral	-
Mode 1	Pass	QP	646.592k	25.78	56.00	-30.22	Neutral	-
Mode 1	Pass	AV	646.592k	15.31	46.00	-30.69	Neutral	-
Mode 1	Pass	QP	1.706M	19.26	56.00	-36.74	Neutral	-
Mode 1	Pass	AV	1.706M	14.65	46.00	-31.35	Neutral	-
Mode 1	Pass	QP	16.338M	21.37	60.00	-38.63	Neutral	-
Mode 1	Pass	AV	16.338M	16.47	50.00	-33.53	Neutral	-
Mode 2	Pass	QP	189.837k	37.60	64.05	-26.45	Line	-
Mode 2	Pass	AV	189.837k	17.99	54.05	-36.06	Line	-
Mode 2	Pass	QP	210.599k	46.04	63.19	-17.15	Line	-
Mode 2	Pass	AV	210.599k	24.93	53.19	-28.26	Line	-
Mode 2	Pass	QP	375.703k	37.03	58.37	-21.34	Line	-
Mode 2	Pass	AV	375.703k	17.50	48.37	-30.87	Line	-
Mode 2	Pass	QP	987.197k	20.76	56.00	-35.24	Line	-
Mode 2	Pass	AV	987.197k	14.65	46.00	-31.35	Line	-
Mode 2	Pass	QP	2.066M	22.08	56.00	-33.92	Line	-
Mode 2	Pass	AV	2.066M	15.13	46.00	-30.87	Line	-
Mode 2	Pass	QP	21.348M	21.11	60.00	-38.89	Line	-
Mode 2	Pass	AV	21.348M	16.53	50.00	-33.47	Line	-
Mode 2	Pass	QP	186.83k	38.64	64.18	-25.54	Neutral	-
Mode 2	Pass	AV	186.83k	17.64	54.18	-36.54	Neutral	-
Mode 2	Pass	QP	215.704k	45.49	62.98	-17.49	Neutral	-
Mode 2	Pass	AV	215.704k	25.02	52.98	-27.96	Neutral	-
Mode 2	Pass	QP	304.059k	32.79	60.13	-27.34	Neutral	-
Mode 2	Pass	AV	304.059k	30.85	50.13	-19.28	Neutral	-
Mode 2	Pass	QP	694.763k	20.28	56.00	-35.72	Neutral	-
Mode 2	Pass	AV	694.763k	13.55	46.00	-32.45	Neutral	-
Mode 2	Pass	QP	1.761M	20.56	56.00	-35.44	Neutral	-
Mode 2	Pass	AV	1.761M	14.50	46.00	-31.50	Neutral	-
Mode 2	Pass	QP	15.574M	21.19	60.00	-38.81	Neutral	-
Mode 2	Pass	AV	15.574M	16.00	50.00	-34.00	Neutral	-

Conducted Emissions at Powerline_Mode 1



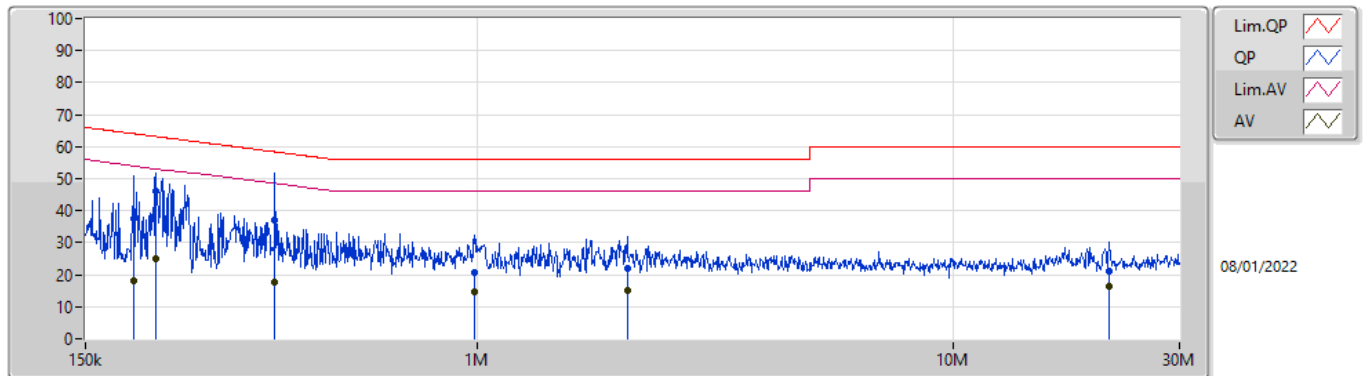
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	183.137k	36.66	64.34	-27.68	19.56	Line	-	17.10	9.61	0.04	9.91			
AV	183.137k	18.79	54.34	-35.55	19.56	Line	-	-0.77	9.61	0.04	9.91			
QP	217.434k	45.16	62.92	-17.76	19.56	Line	-	25.60	9.61	0.04	9.91			
AV	217.434k	27.65	52.92	-25.27	19.56	Line	-	8.09	9.61	0.04	9.91			
QP	378.715k	33.95	58.31	-24.36	19.57	Line	-	14.38	9.60	0.06	9.91			
AV	378.715k	18.62	48.31	-29.69	19.57	Line	-	-0.95	9.60	0.06	9.91			
QP	1.215M	23.66	56.00	-32.34	19.63	Line	-	4.03	9.62	0.09	9.92			
AV	1.215M	15.69	46.00	-30.31	19.63	Line	-	-3.94	9.62	0.09	9.92			
QP	1.775M	22.49	56.00	-33.51	19.65	Line	-	2.84	9.63	0.10	9.92			
AV	1.775M	15.87	46.00	-30.13	19.65	Line	-	-3.78	9.63	0.10	9.92			
QP	19.091M	19.98	60.00	-40.02	19.95	Line	-	0.03	9.73	0.29	9.93			
AV	19.091M	15.72	50.00	-34.28	19.95	Line	-	-4.23	9.73	0.29	9.93			

Conducted Emissions at Powerline_Mode 1



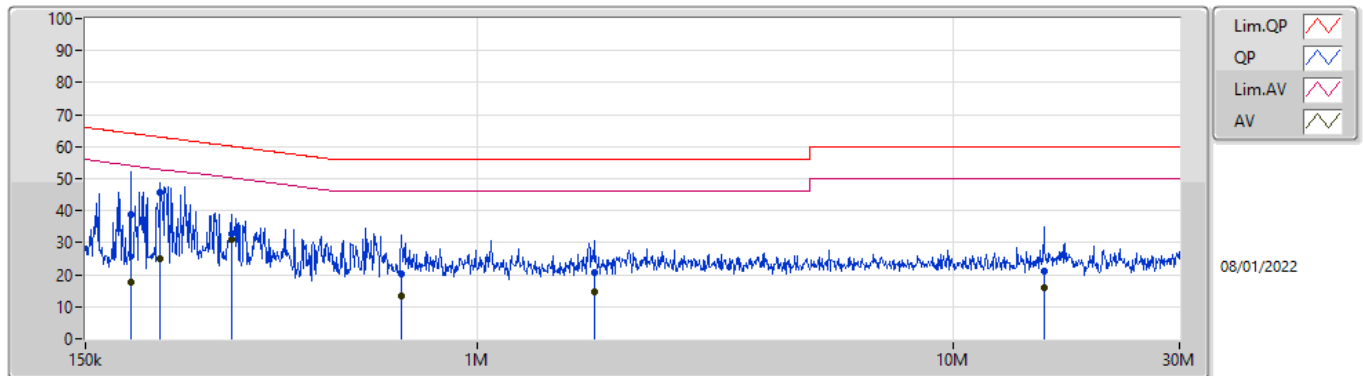
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	205.615k	42.70	63.38	-20.68	19.55	Neutral	-	23.15	9.60	0.04	9.91			
AV	205.615k	21.88	53.38	-31.50	19.55	Neutral	-	2.33	9.60	0.04	9.91			
QP	217.434k	44.93	62.92	-17.99	19.55	Neutral	-	25.38	9.60	0.04	9.91			
AV	217.434k	26.10	52.92	-26.82	19.55	Neutral	-	6.55	9.60	0.04	9.91			
QP	247.062k	40.18	61.85	-21.67	19.56	Neutral	-	20.62	9.60	0.05	9.91			
AV	247.062k	22.10	51.85	-29.75	19.56	Neutral	-	2.54	9.60	0.05	9.91			
QP	646.592k	25.78	56.00	-30.22	19.60	Neutral	-	6.18	9.61	0.07	9.92			
AV	646.592k	15.31	46.00	-30.69	19.60	Neutral	-	-4.29	9.61	0.07	9.92			
QP	1.706M	19.26	56.00	-36.74	19.64	Neutral	-	-0.38	9.62	0.10	9.92			
AV	1.706M	14.65	46.00	-31.35	19.64	Neutral	-	-4.99	9.62	0.10	9.92			
QP	16.338M	21.37	60.00	-38.63	20.03	Neutral	-	1.34	9.84	0.26	9.93			
AV	16.338M	16.47	50.00	-33.53	20.03	Neutral	-	-3.56	9.84	0.26	9.93			

Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	189.837k	37.60	64.05	-26.45	19.56	Line	-	18.04	9.61	0.04	9.91			
AV	189.837k	17.99	54.05	-36.06	19.56	Line	-	-1.57	9.61	0.04	9.91			
QP	210.599k	46.04	63.19	-17.15	19.56	Line	-	26.48	9.61	0.04	9.91			
AV	210.599k	24.93	53.19	-28.26	19.56	Line	-	5.37	9.61	0.04	9.91			
QP	375.703k	37.03	58.37	-21.34	19.57	Line	-	17.46	9.60	0.06	9.91			
AV	375.703k	17.50	48.37	-30.87	19.57	Line	-	-2.07	9.60	0.06	9.91			
QP	987.197k	20.76	56.00	-35.24	19.61	Line	-	1.15	9.61	0.08	9.92			
AV	987.197k	14.65	46.00	-31.35	19.61	Line	-	-4.96	9.61	0.08	9.92			
QP	2.066M	22.08	56.00	-33.92	19.65	Line	-	2.43	9.63	0.10	9.92			
AV	2.066M	15.13	46.00	-30.87	19.65	Line	-	-4.52	9.63	0.10	9.92			
QP	21.348M	21.11	60.00	-38.89	19.97	Line	-	1.14	9.73	0.31	9.93			
AV	21.348M	16.53	50.00	-33.47	19.97	Line	-	-3.44	9.73	0.31	9.93			

Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	186.83k	38.64	64.18	-25.54	19.55	Neutral	-	19.09	9.60	0.04	9.91			
AV	186.83k	17.64	54.18	-36.54	19.55	Neutral	-	-1.91	9.60	0.04	9.91			
QP	215.704k	45.49	62.98	-17.49	19.55	Neutral	-	25.94	9.60	0.04	9.91			
AV	215.704k	25.02	52.98	-27.96	19.55	Neutral	-	5.47	9.60	0.04	9.91			
QP	304.059k	32.79	60.13	-27.34	19.56	Neutral	-	13.23	9.60	0.05	9.91			
AV	304.059k	30.85	50.13	-19.28	19.56	Neutral	-	11.29	9.60	0.05	9.91			
QP	694.763k	20.28	56.00	-35.72	19.60	Neutral	-	0.68	9.61	0.07	9.92			
AV	694.763k	13.55	46.00	-32.45	19.60	Neutral	-	-6.05	9.61	0.07	9.92			
QP	1.761M	20.56	56.00	-35.44	19.64	Neutral	-	0.92	9.62	0.10	9.92			
AV	1.761M	14.50	46.00	-31.50	19.64	Neutral	-	-5.14	9.62	0.10	9.92			
QP	15.574M	21.19	60.00	-38.81	20.02	Neutral	-	1.17	9.83	0.26	9.93			
AV	15.574M	16.00	50.00	-34.00	20.02	Neutral	-	-4.02	9.83	0.26	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)	722.5k	1.058M	1M06F1D	721.25k	1.056M
BT-LE(2Mbps)	1.28M	2.116M	2M12F1D	1.275M	2.106M
BT-LE(125kbps)	713.75k	1.079M	1M08F1D	710k	1.077M
BT-LE(500kbps)	682.5k	1.051M	1M05F1D	678.75k	1.048M

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

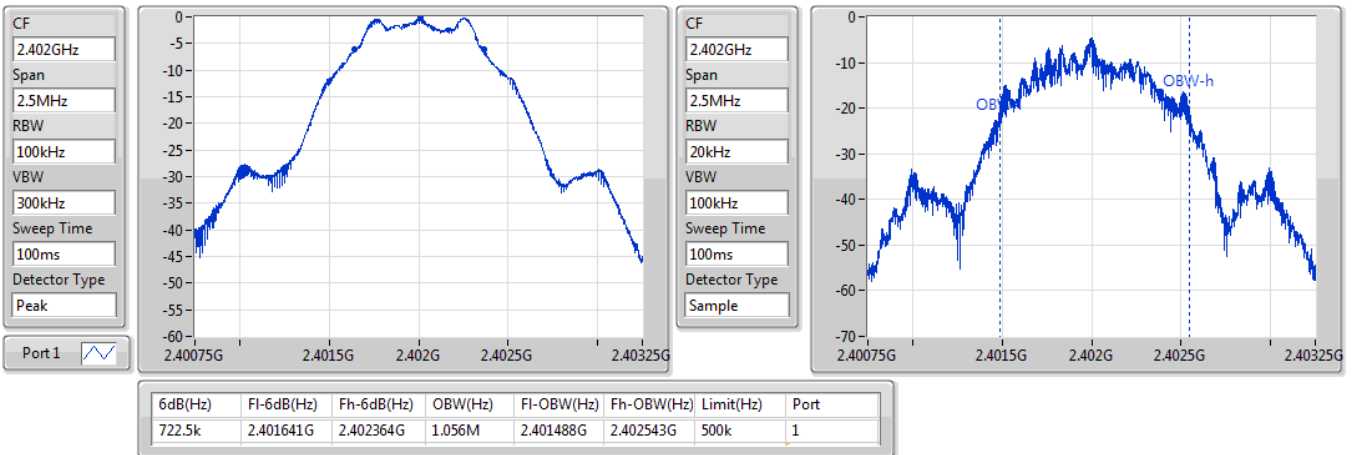
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	500k	722.5k	1.056M
2440MHz	Pass	500k	721.25k	1.056M
2480MHz	Pass	500k	721.25k	1.058M
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	500k	1.275M	2.111M
2440MHz	Pass	500k	1.278M	2.106M
2480MHz	Pass	500k	1.28M	2.116M
BT-LE(125kbps)	-	-	-	-
2402MHz	Pass	500k	710k	1.078M
2440MHz	Pass	500k	713.75k	1.079M
2480MHz	Pass	500k	710k	1.077M
BT-LE(500kbps)	-	-	-	-
2402MHz	Pass	500k	678.75k	1.048M
2440MHz	Pass	500k	682.5k	1.051M
2480MHz	Pass	500k	681.25k	1.051M

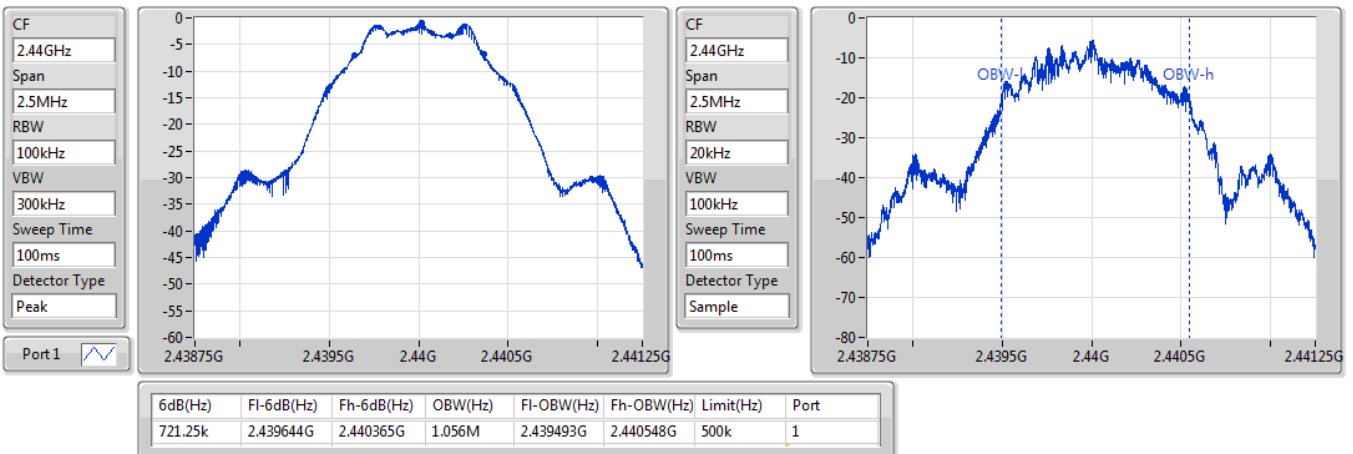
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

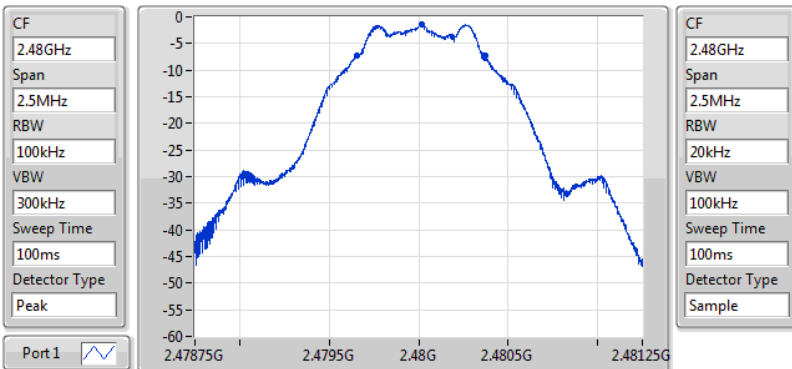
BT-LE(1Mbps)
2402MHz

30/12/2021


BT-LE(1Mbps)
2440MHz

30/12/2021

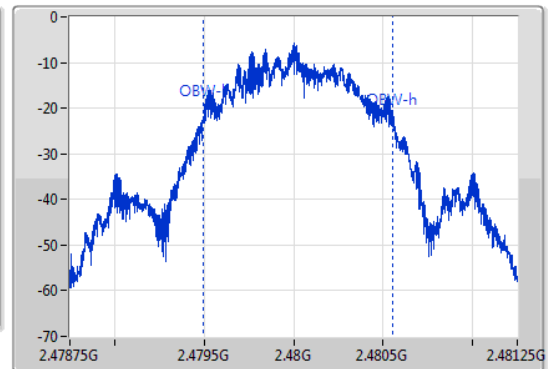
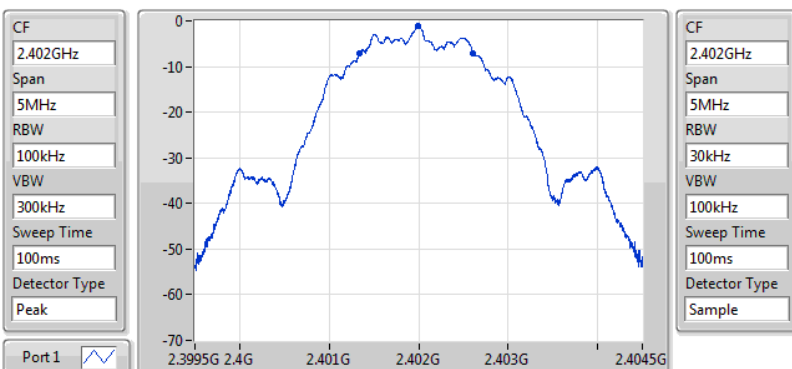


BT-LE(1Mbps)
2480MHz


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
721.25k	2.479653G	2.480374G	1.058M	2.479494G	2.480552G	500k	1

EBW-DTS

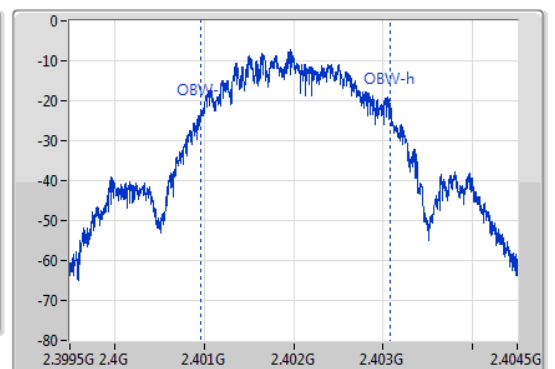
30/12/2021


BT-LE(2Mbps)
2402MHz


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.275M	2.401338G	2.402613G	2.111M	2.400968G	2.403079G	500k	1

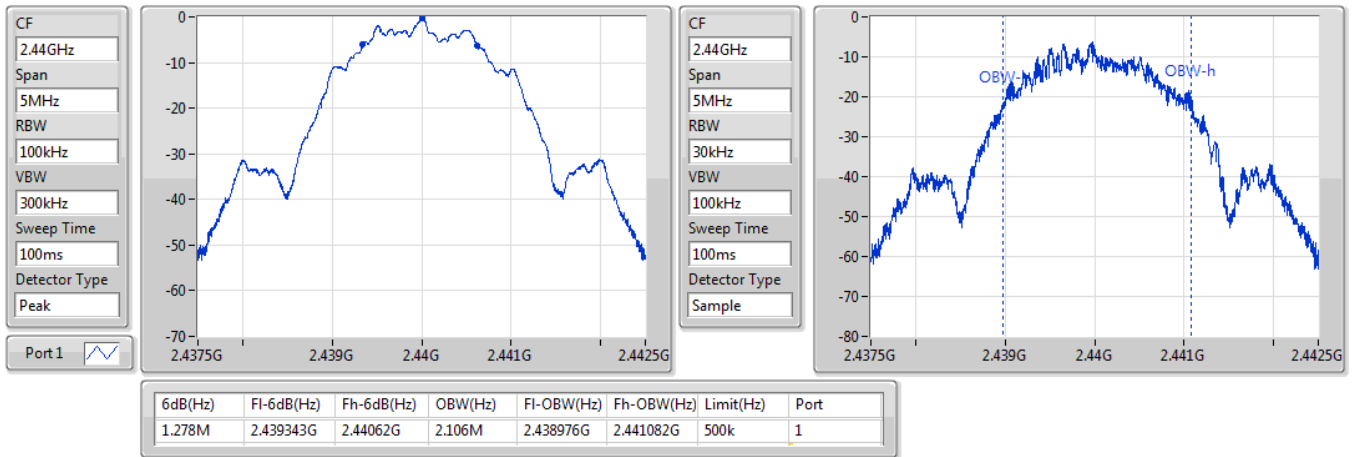
EBW-DTS

30/12/2021

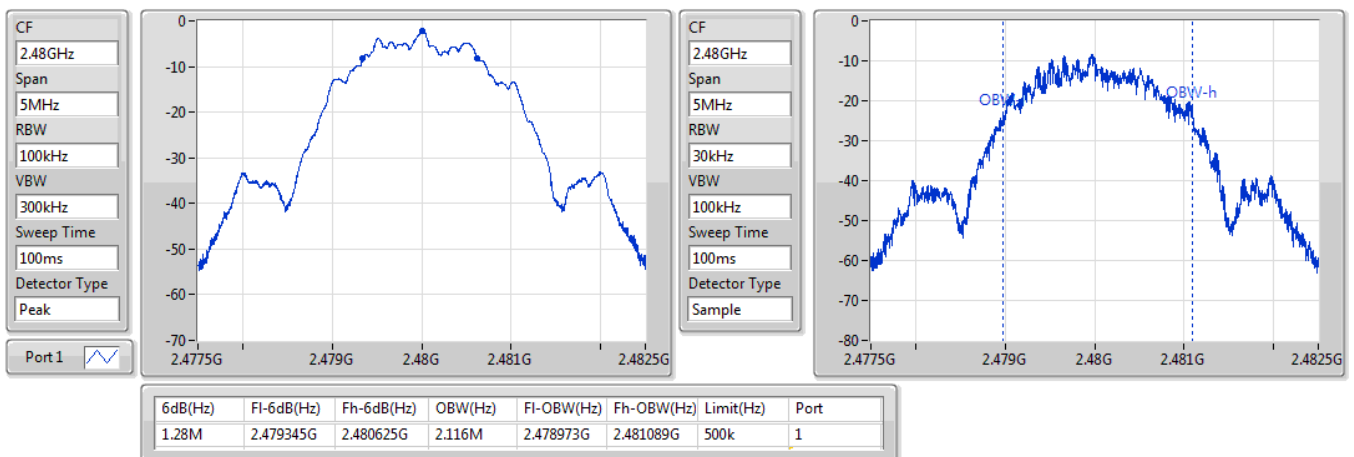


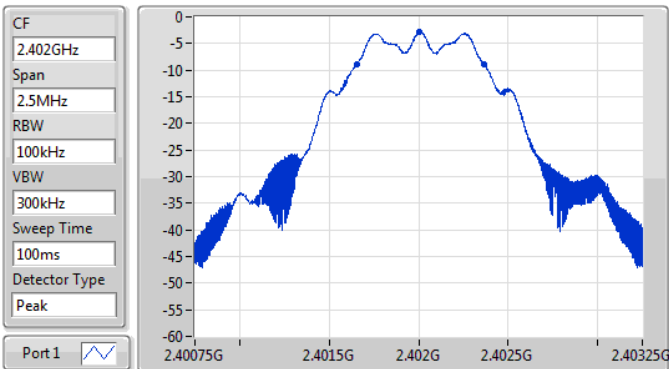
BT-LE(2Mbps)
EBW-DTS
2440MHz

30/12/2021


BT-LE(2Mbps)
EBW-DTS
2480MHz

30/12/2021

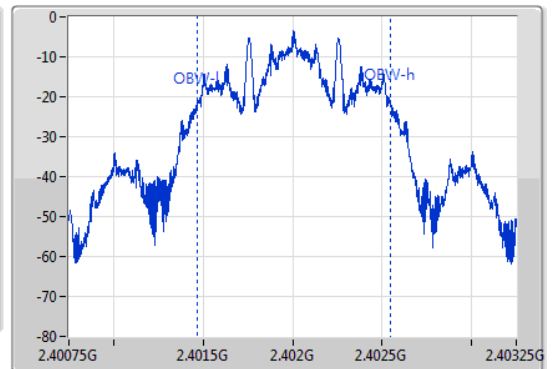
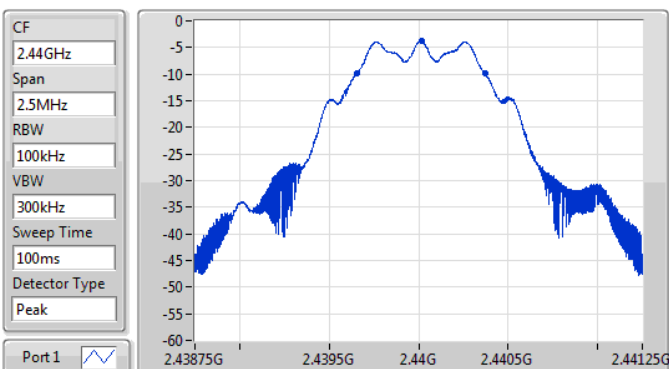


BT-LE(125kbps)
2402MHz


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
710k	2.401654G	2.402364G	1.078M	2.401468G	2.402546G	500k	1

EBW-DTS

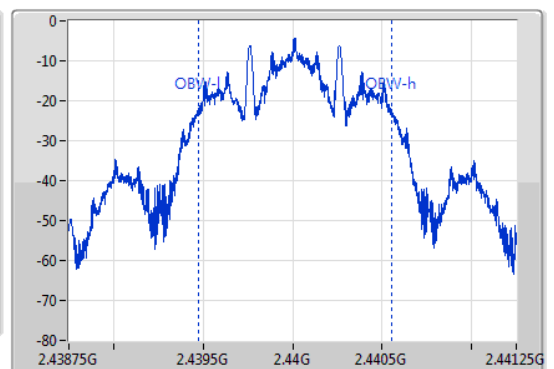
30/12/2021


BT-LE(125kbps)
2440MHz


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
713.75k	2.439656G	2.44037G	1.079M	2.439472G	2.440551G	500k	1

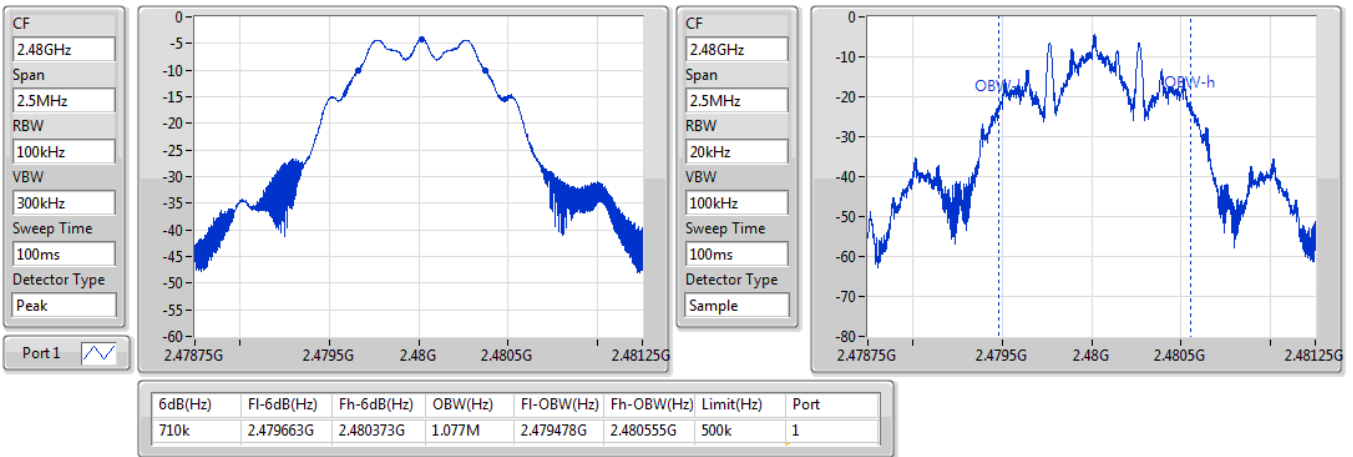
EBW-DTS

30/12/2021

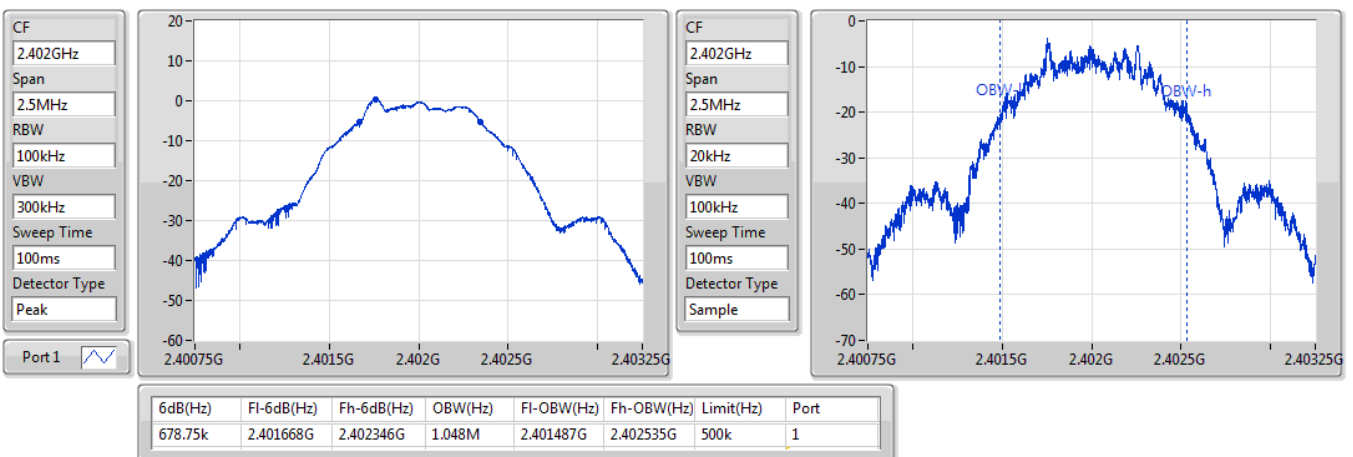


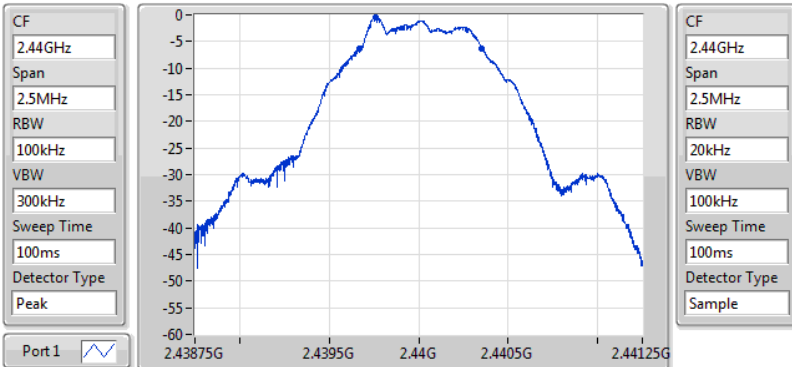
BT-LE(125kbps)
EBW-DTS
2480MHz

30/12/2021


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

30/12/2021

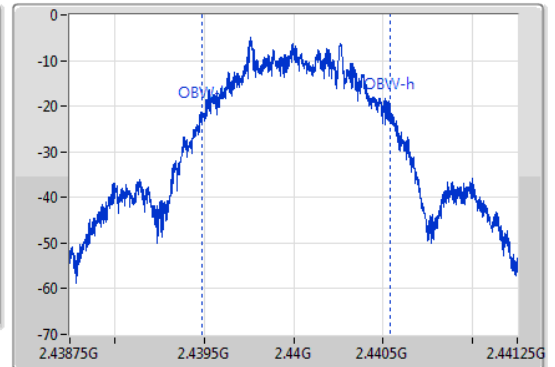
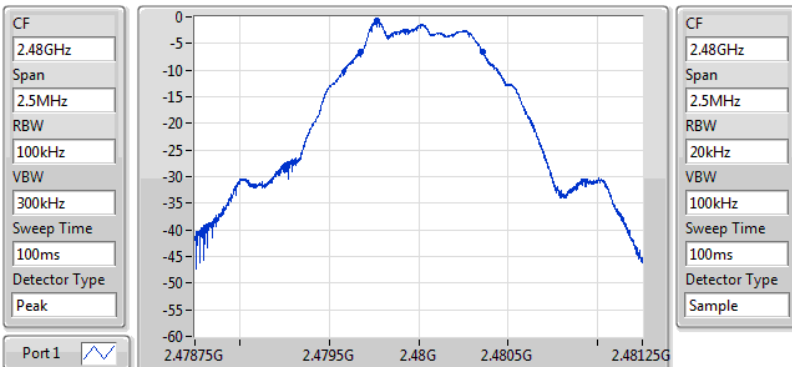


BT-LE(500kbps)
2440MHz


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
682.5k	2.439671G	2.440354G	1.051M	2.439489G	2.44054G	500k	1

EBW-DTS

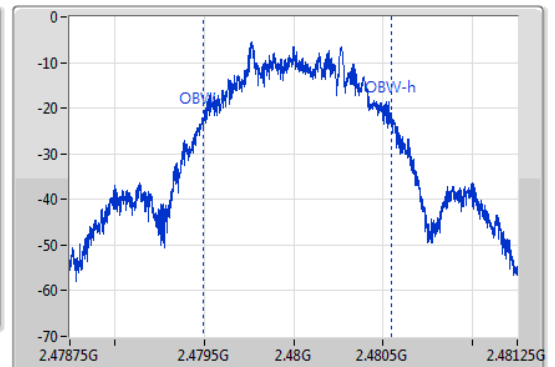
30/12/2021


BT-LE(500kbps)
2480MHz


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
681.25k	2.479676G	2.480358G	1.051M	2.479494G	2.480545G	500k	1

EBW-DTS

30/12/2021





Summary

Mode	Power (dBm)	Power (W)
2.4-2.4835GHz	-	-
BT-LE(1Mbps)	0.40	0.00110
BT-LE(2Mbps)	0.91	0.00123
BT-LE(125kbps)	0.51	0.00112
BT-LE(500kbps)	0.50	0.00112

Result

Mode	Result	Gain (dBi)	Power (dBm)	Power Limit (dBm)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	4.90	0.40	30.00
2440MHz	Pass	4.90	-0.53	30.00
2480MHz	Pass	4.90	-0.86	30.00
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	4.90	0.06	30.00
2440MHz	Pass	4.90	0.91	30.00
2480MHz	Pass	4.90	-0.96	30.00
BT-LE(125kbps)	-	-	-	-
2402MHz	Pass	4.90	0.51	30.00
2440MHz	Pass	4.90	-0.44	30.00
2480MHz	Pass	4.90	-0.75	30.00
BT-LE(500kbps)	-	-	-	-
2402MHz	Pass	4.90	0.50	30.00
2440MHz	Pass	4.90	-0.47	30.00
2480MHz	Pass	4.90	-0.76	30.00

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



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
BT-LE(1Mbps)	-15.13
BT-LE(2Mbps)	-17.06
BT-LE(125kbps)	-5.66
BT-LE(500kbps)	-6.46

RBW = 3kHz;

Result

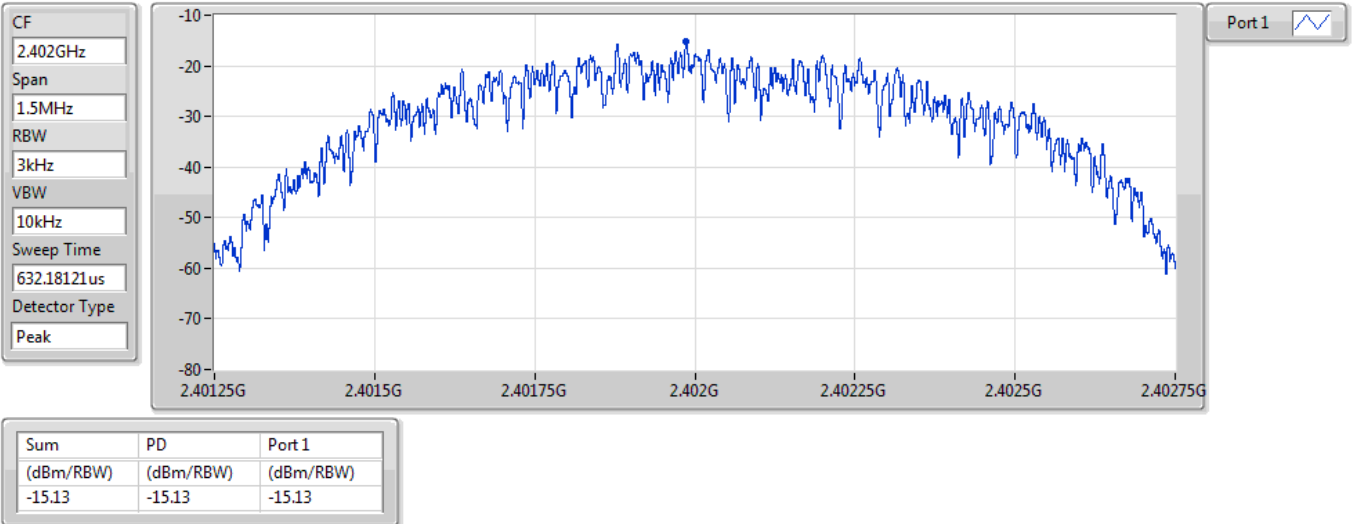
Mode	Result	Gain (dBi)	PD (dBm/RBW)	PD Limit (dBm/RBW)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	4.90	-15.13	8.00
2440MHz	Pass	4.90	-16.32	8.00
2480MHz	Pass	4.90	-15.38	8.00
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	4.90	-18.14	8.00
2440MHz	Pass	4.90	-17.06	8.00
2480MHz	Pass	4.90	-19.61	8.00
BT-LE(125kbps)	-	-	-	-
2402MHz	Pass	4.90	-5.66	8.00
2440MHz	Pass	4.90	-6.51	8.00
2480MHz	Pass	4.90	-6.85	8.00
BT-LE(500kbps)	-	-	-	-
2402MHz	Pass	4.90	-6.46	8.00
2440MHz	Pass	4.90	-6.78	8.00
2480MHz	Pass	4.90	-7.02	8.00

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

BT-LE(1Mbps)

2402MHz

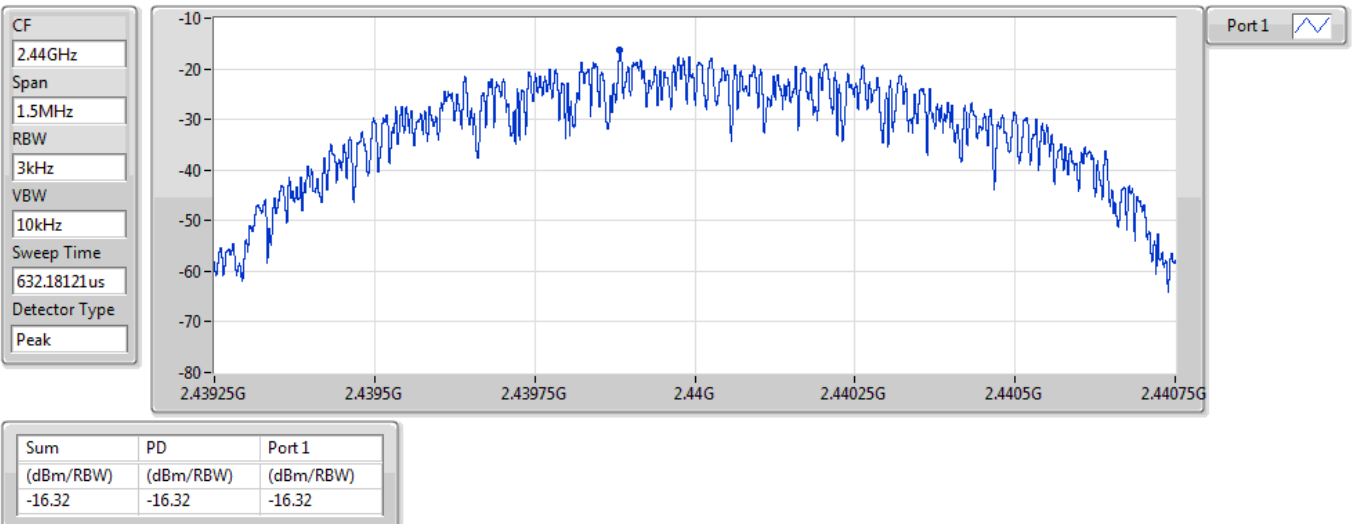
30/12/2021



BT-LE(1Mbps)

2440MHz

30/12/2021

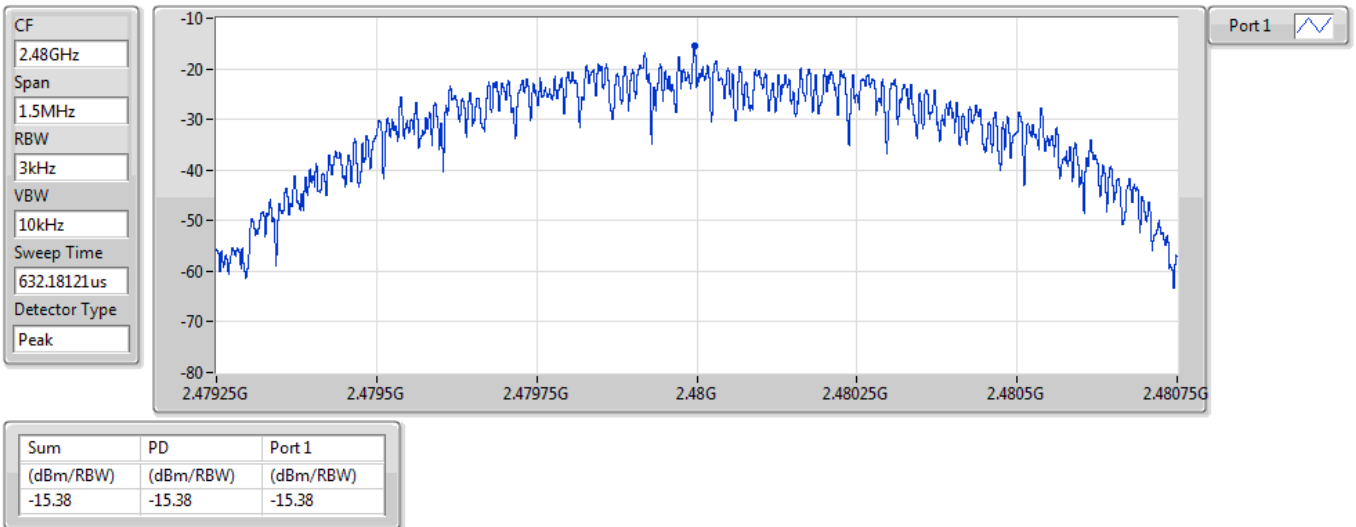


BT-LE(1Mbps)

PSD

2480MHz

30/12/2021

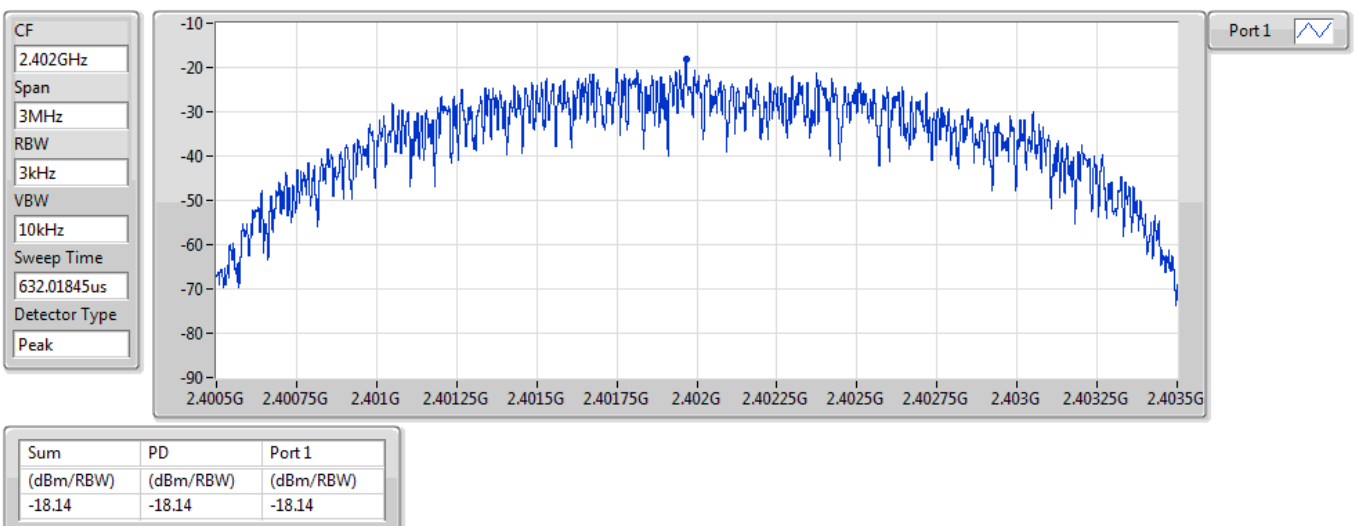


BT-LE(2Mbps)

PSD

2402MHz

30/12/2021

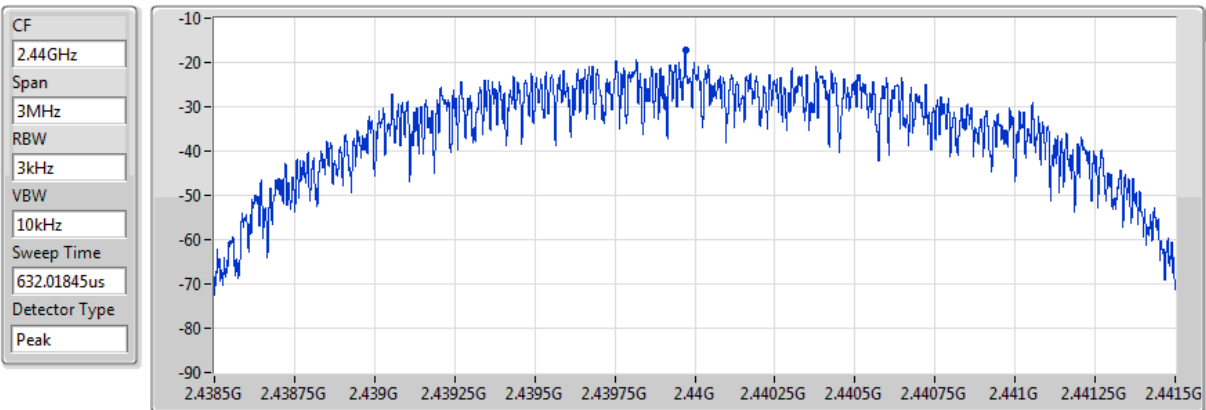


BT-LE(2Mbps)

PSD

2440MHz

30/12/2021



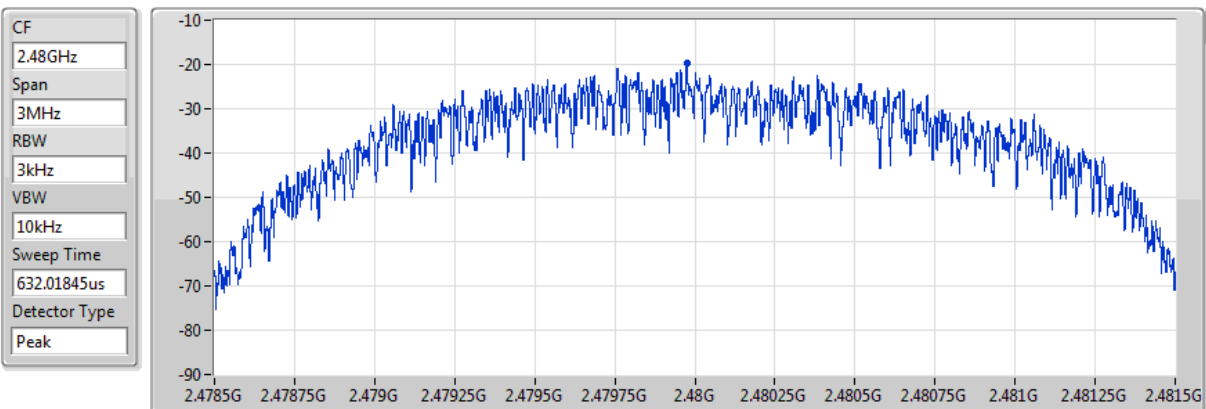
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-17.06	-17.06	-17.06

BT-LE(2Mbps)

PSD

2480MHz

30/12/2021



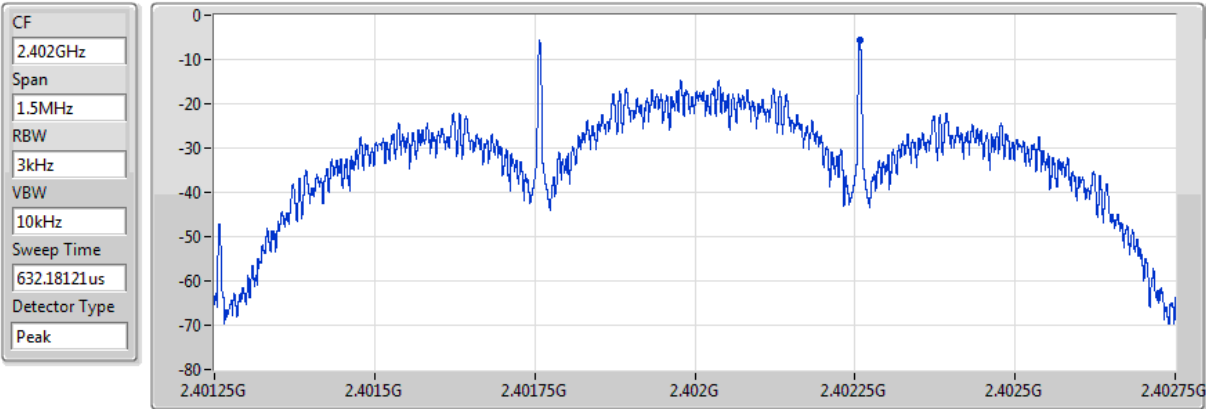
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-19.61	-19.61	-19.61

BT-LE(125kbps)

PSD

2402MHz

30/12/2021



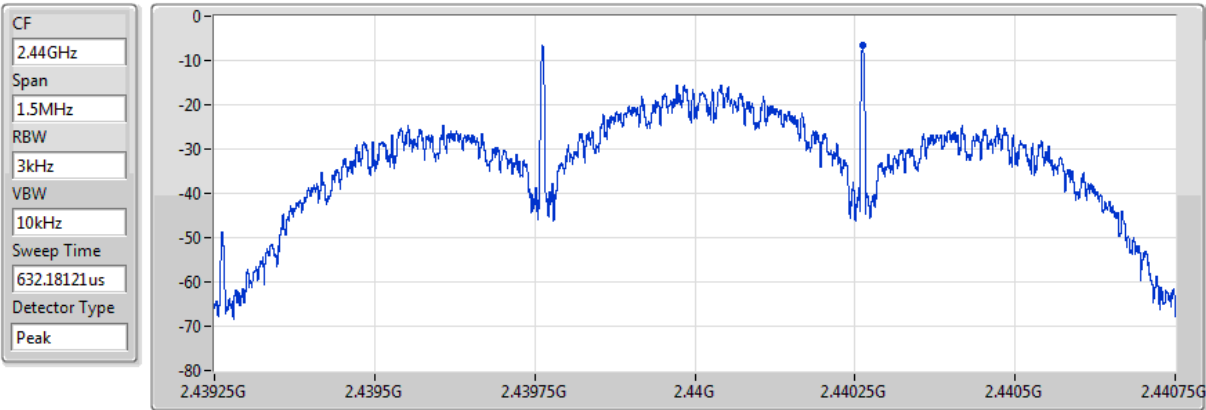
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.66	-5.66	-5.66

BT-LE(125kbps)

PSD

2440MHz

30/12/2021



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.51	-6.51	-6.51

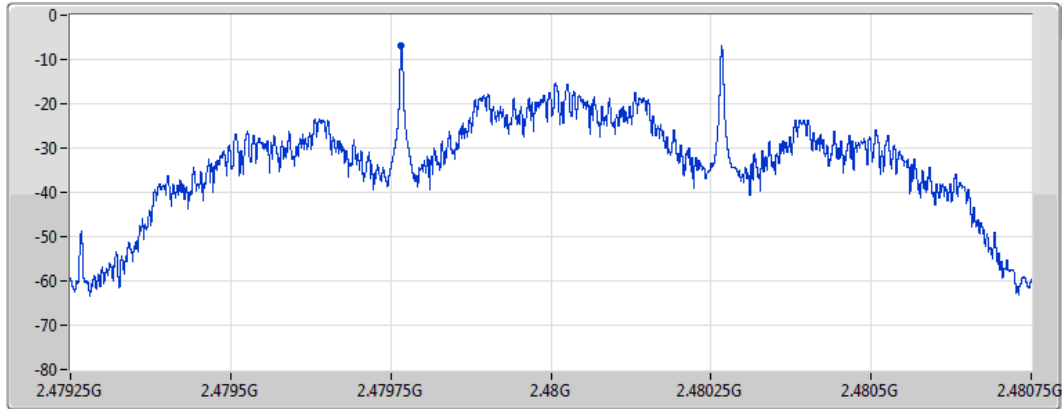
BT-LE(125kbps)

PSD

2480MHz

30/12/2021

CF
2.48GHz
Span
1.5MHz
RBW
3kHz
VBW
10kHz
Sweep Time
632.18121us
Detector Type
Peak



Port1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.85	-6.85	-6.85

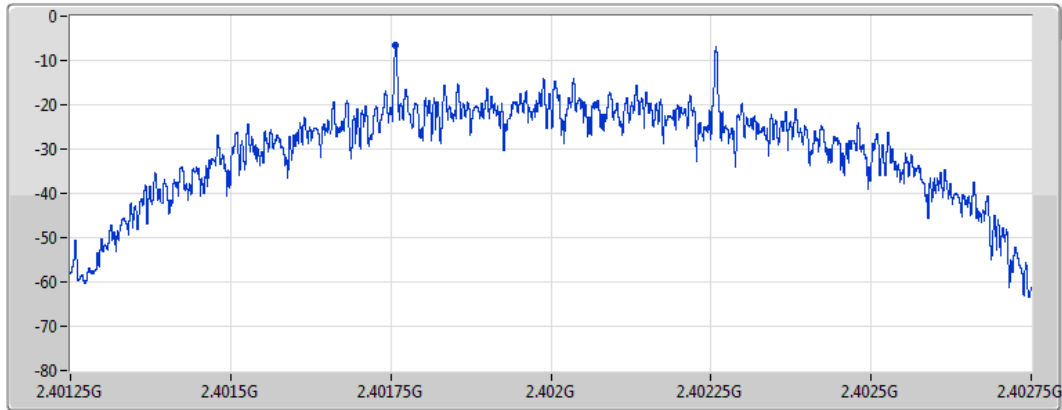
BT-LE(500kbps)

PSD

2402MHz

30/12/2021

CF
2.402GHz
Span
1.5MHz
RBW
3kHz
VBW
10kHz
Sweep Time
632.18121us
Detector Type
Peak



Port1

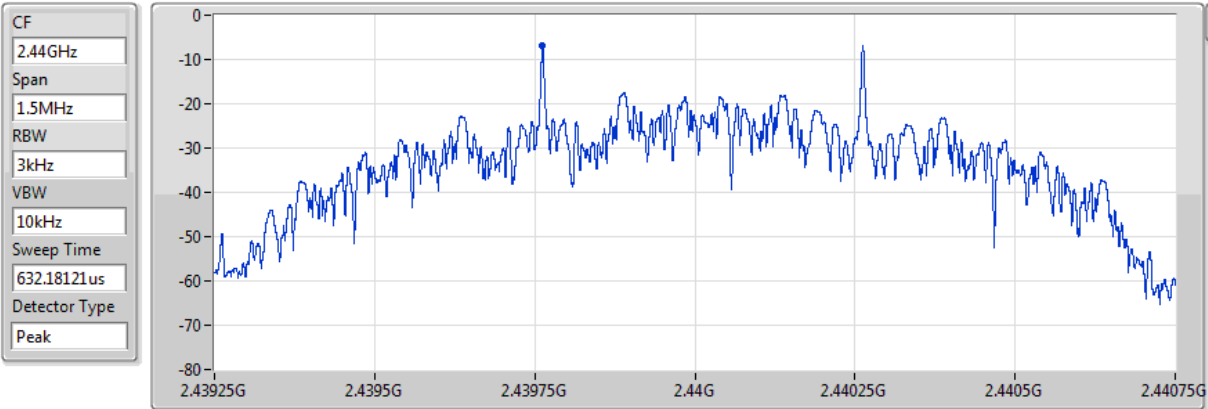
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.46	-6.46	-6.46

BT-LE(500kbps)

PSD

2440MHz

30/12/2021



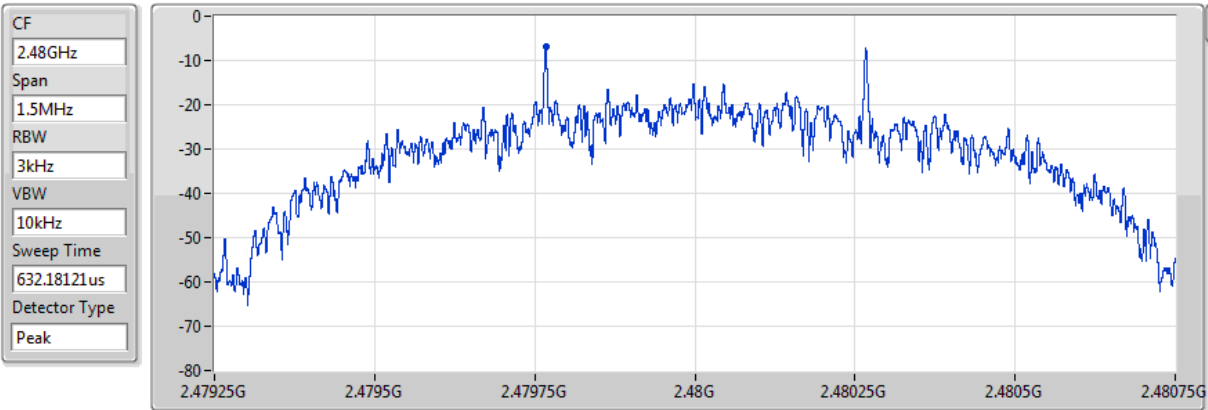
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.78	-6.78	-6.78

BT-LE(500kbps)

PSD

2480MHz

30/12/2021



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.02	-7.02	-7.02



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	2.40196G	-0.24	-30.24	2.14206G	-54.22	2.39754G	-54.17	2.4835G	-56.11	2.49557G	-52.32	21.68739G	-42.25	1
BT-LE(2Mbps)	Pass	2.44G	-0.42	-30.42	1.9758G	-54.67	2.4G	-32.67	2.4G	-32.56	2.49859G	-52.22	15.21965G	-42.55	1
BT-LE(125kbps)	Pass	2.402G	-3.04	-33.04	816.66M	-54.65	2.3998G	-53.16	2.4G	-55.47	2.49804G	-52.04	15.22527G	-42.05	1
BT-LE(500kbps)	Pass	2.40175G	-0.12	-30.12	652.46M	-55.06	2.39083G	-53.66	2.4835G	-54.66	2.50095G	-52.14	24.96626G	-42.00	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	2.40196G	-0.24	-30.24	2.06099G	-55.03	2.39335G	-53.29	2.4835G	-54.29	2.48632G	-52.81	16.94063G	-42.28	1
2440MHz	Pass	2.40196G	-0.24	-30.24	2.05776G	-55.42	2.39032G	-53.19	2.4835G	-55.29	2.49286G	-52.72	24.73285G	-41.89	1
2480MHz	Pass	2.40196G	-0.24	-30.24	2.14206G	-54.22	2.39754G	-54.17	2.4835G	-56.11	2.49557G	-52.32	21.68739G	-42.25	1
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.44G	-0.42	-30.42	1.9758G	-54.67	2.4G	-32.67	2.4G	-32.56	2.49859G	-52.22	15.21965G	-42.55	1
2440MHz	Pass	2.44G	-0.42	-30.42	2.08743G	-55.41	2.39782G	-53.66	2.4835G	-56.50	2.49463G	-52.39	16.38665G	-42.36	1
2480MHz	Pass	2.44G	-0.42	-30.42	1.64034G	-54.66	2.39427G	-53.87	2.4835G	-52.35	2.48522G	-52.52	15.2562G	-42.54	1
BT-LE(125kbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.402G	-3.04	-33.04	816.66M	-54.65	2.3998G	-53.16	2.4G	-55.47	2.49804G	-52.04	15.22527G	-42.05	1
2440MHz	Pass	2.402G	-3.04	-33.04	1.72435G	-54.97	2.39096G	-53.68	2.4G	-56.00	2.50021G	-52.41	15.21965G	-42.28	1
2480MHz	Pass	2.402G	-3.04	-33.04	2.18172G	-55.46	2.39373G	-53.57	2.4835G	-56.22	2.48937G	-52.30	15.26745G	-41.76	1
BT-LE(500kbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.40175G	-0.12	-30.12	2.11768G	-54.11	2.39526G	-52.77	2.4G	-56.29	2.48567G	-52.51	24.71879G	-42.23	1
2440MHz	Pass	2.40175G	-0.12	-30.12	1.82364G	-54.62	2.39273G	-53.14	2.4835G	-55.68	2.48718G	-52.50	24.17607G	-42.62	1
2480MHz	Pass	2.40175G	-0.12	-30.12	652.46M	-55.06	2.39083G	-53.66	2.4835G	-54.66	2.50095G	-52.14	24.96626G	-42.00	1

BT-LE(1Mbps)

CSEndB-DTS

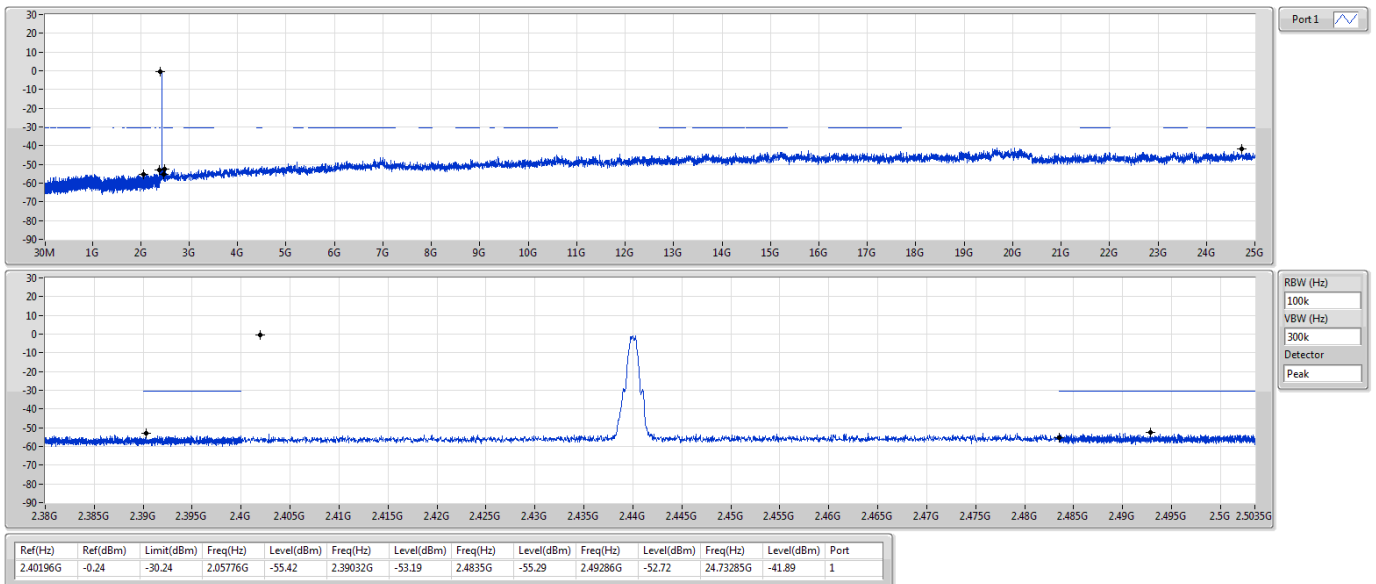
2402MHz



BT-LE(1Mbps)

CSEndB-DTS

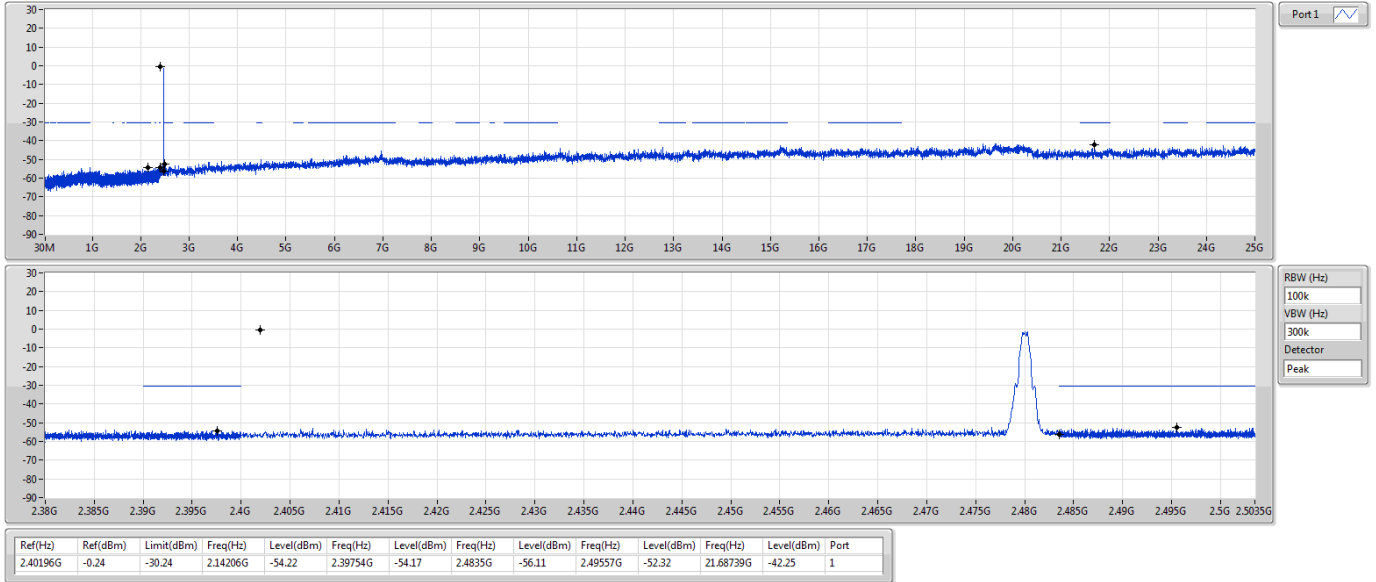
2440MHz



BT-LE(1Mbps)

CSEndB-DTS

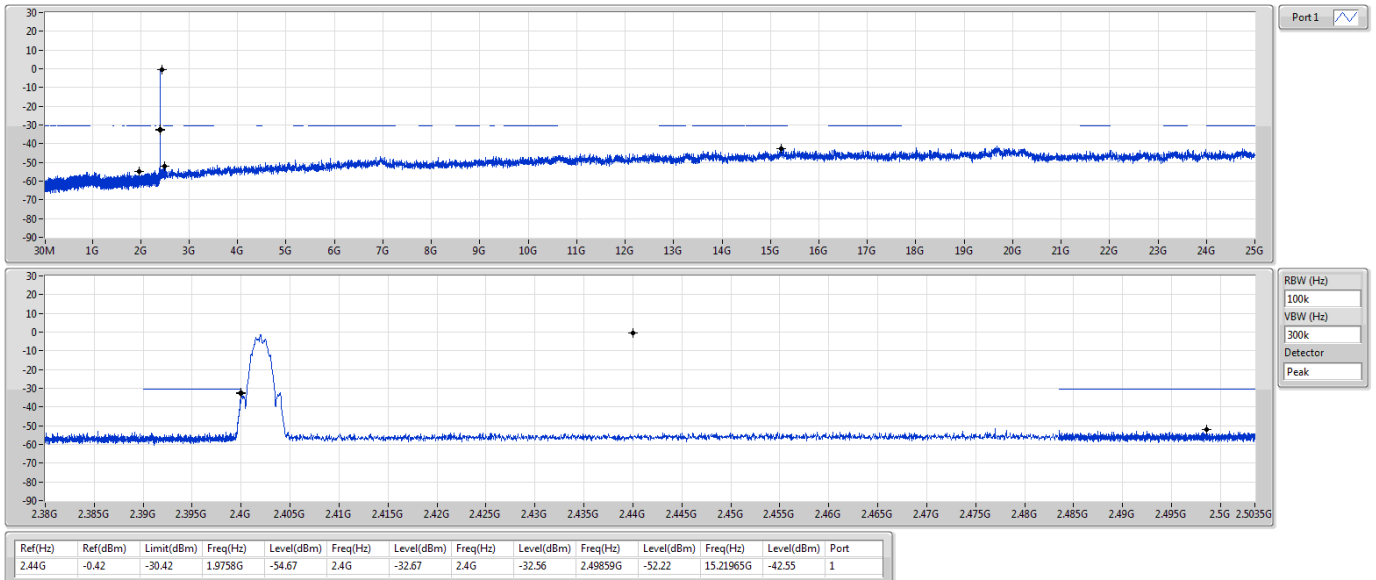
2480MHz



BT-LE(2Mbps)

CSEndB-DTS

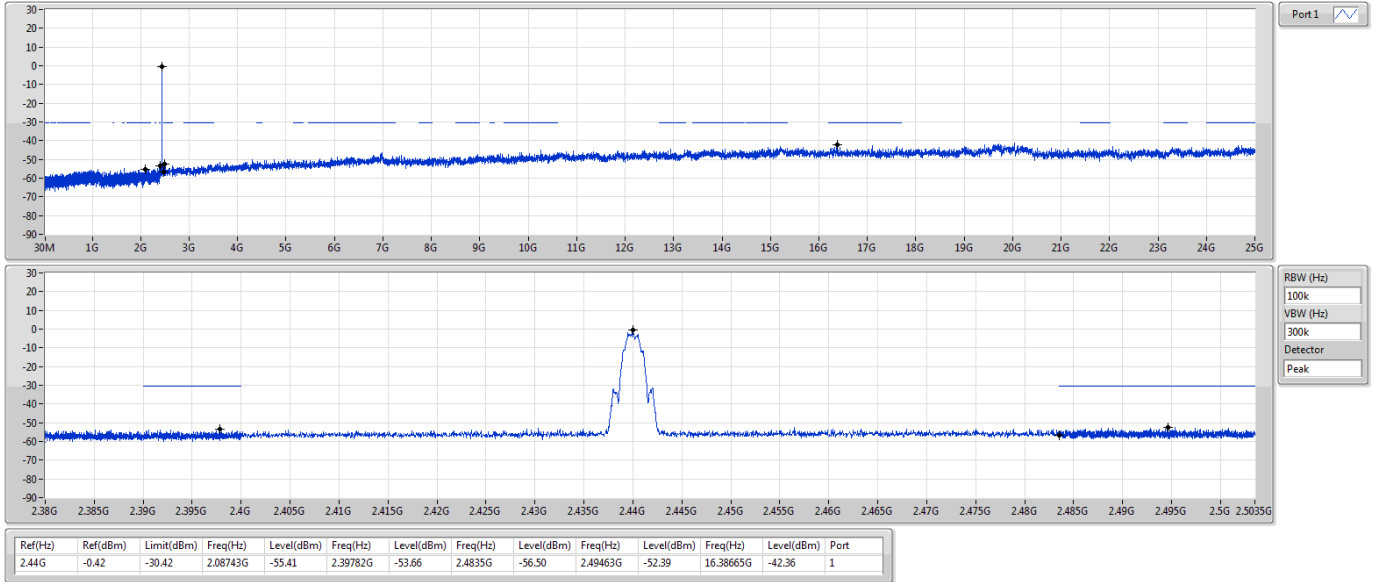
2402MHz



BT-LE(2Mbps)

CSEndB-DTS

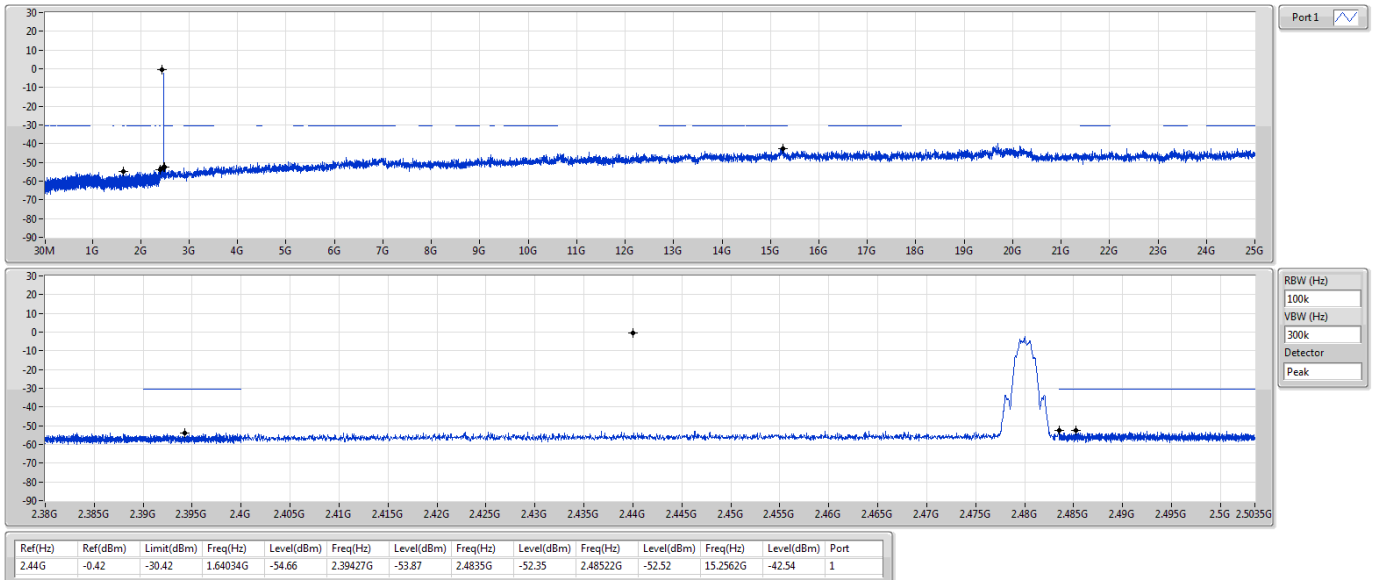
2440MHz



BT-LE(2Mbps)

CSEndB-DTS

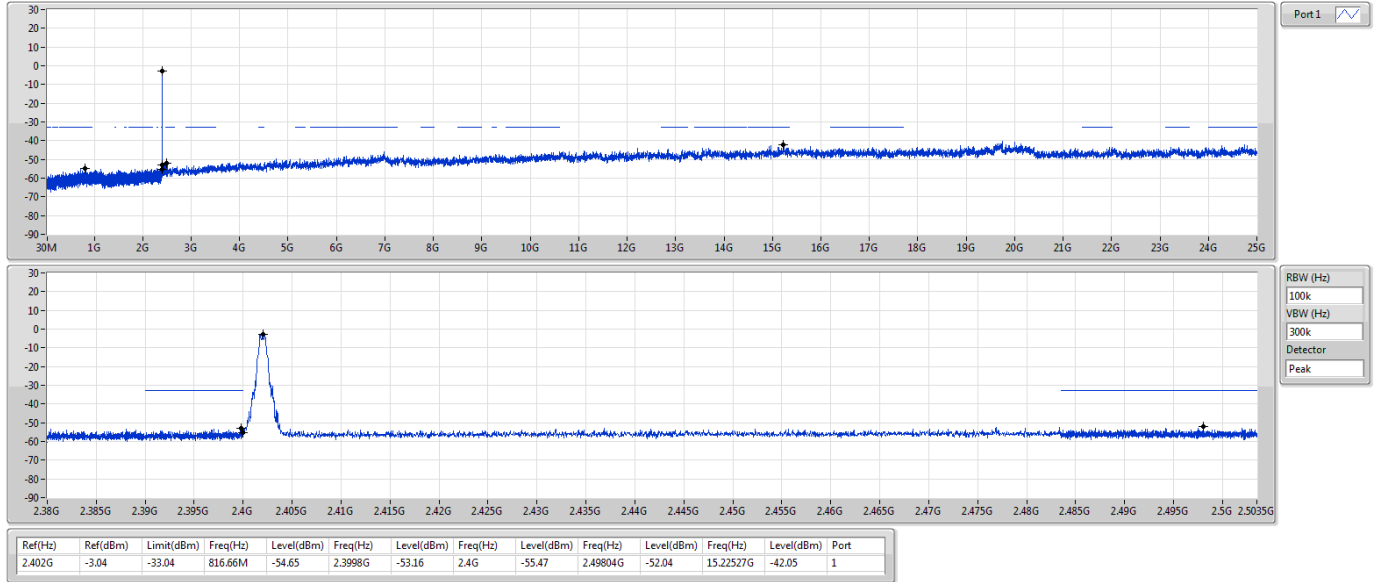
2480MHz



BT-LE(125kbps)

CSEndB-DTS

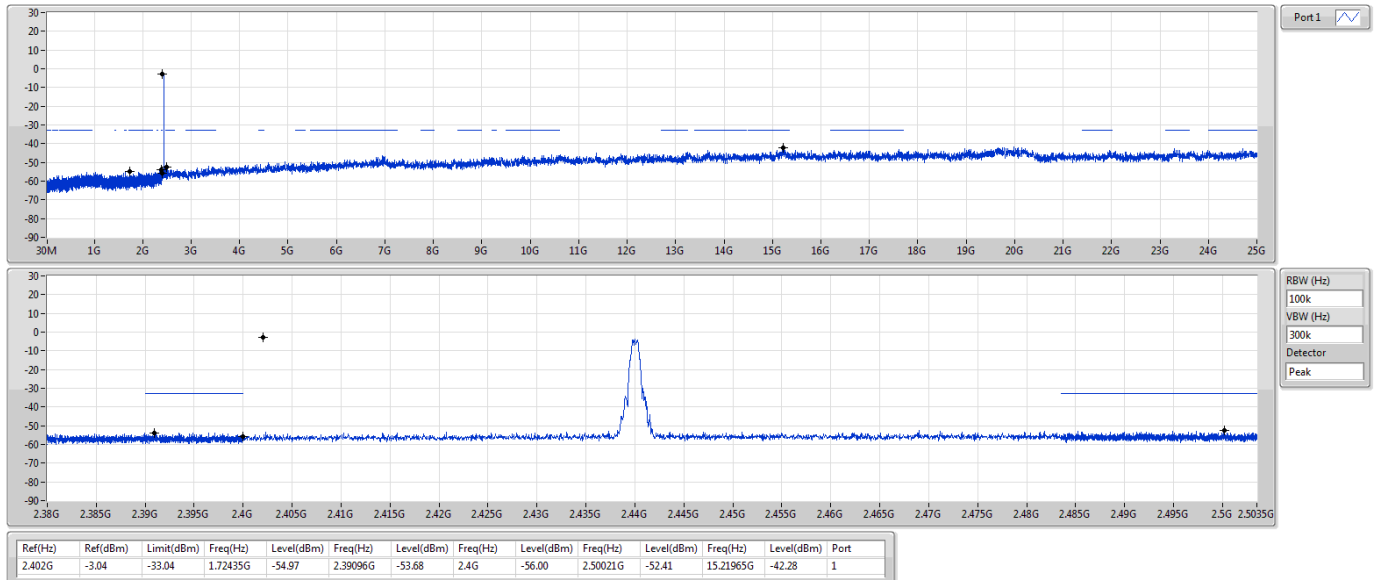
2402MHz



BT-LE(125kbps)

CSEndB-DTS

2440MHz

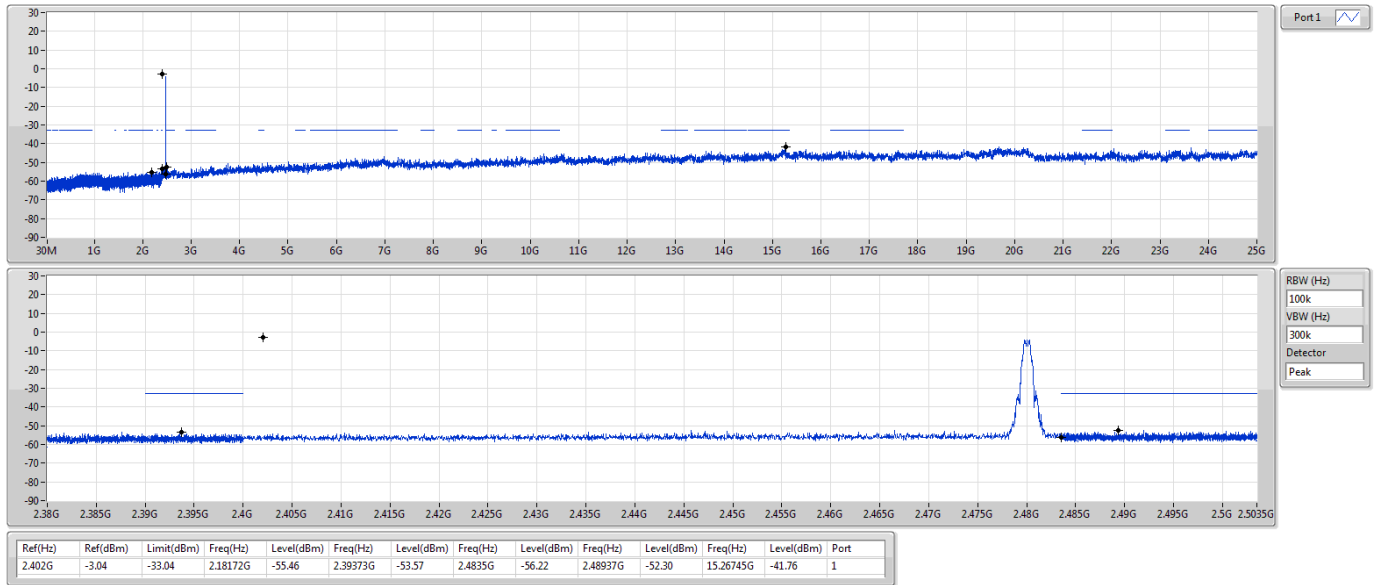


BT-LE(125kbps)

2480MHz

CSEndB-DTS

30/12/2021

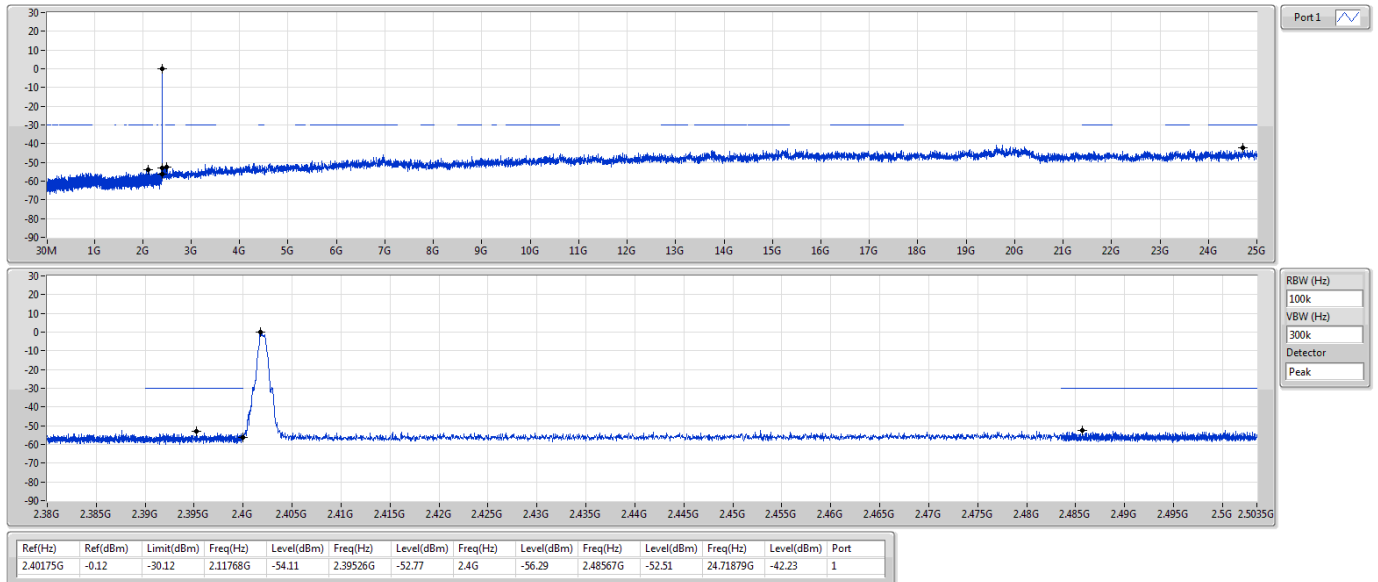


BT-LE(500kbps)

2402MHz

CSEndB-DTS

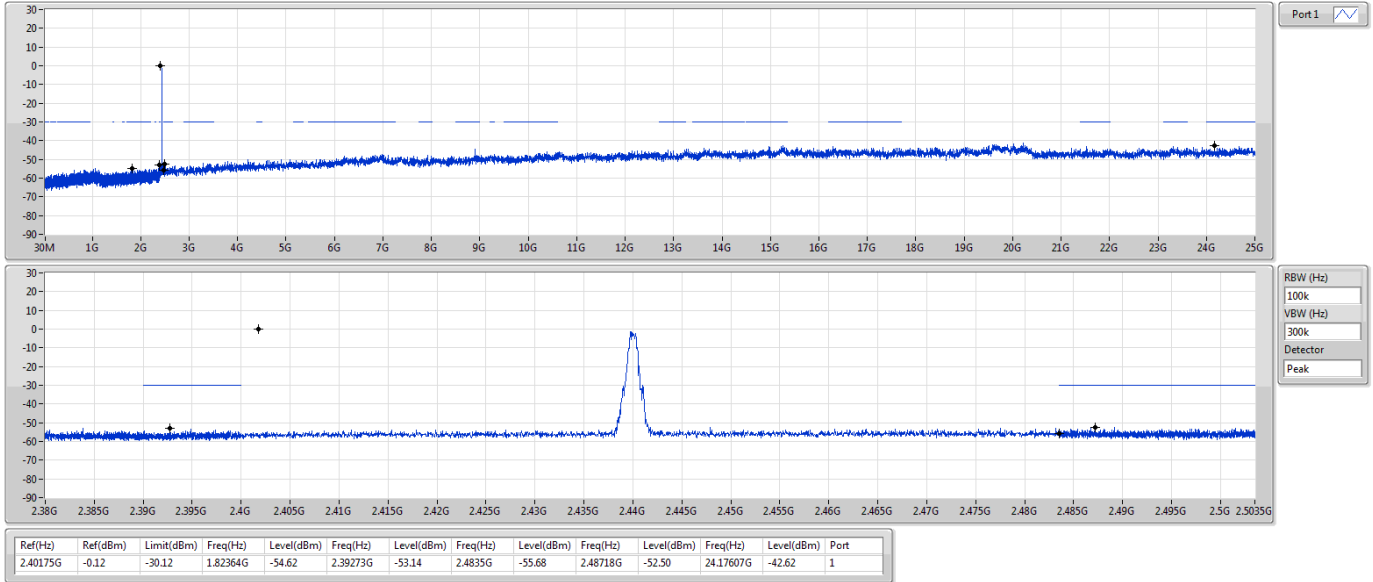
30/12/2021



BT-LE(500kbps)

CSEndB-DTS

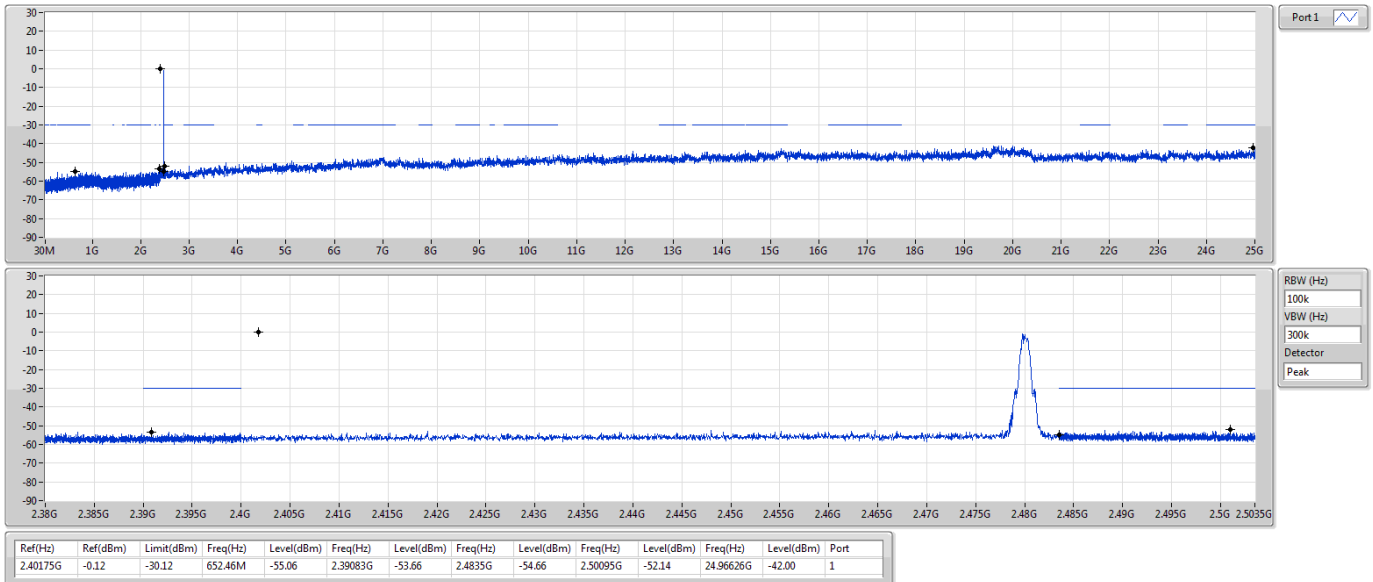
2440MHz



BT-LE(500kbps)

CSEndB-DTS

2480MHz





Summary

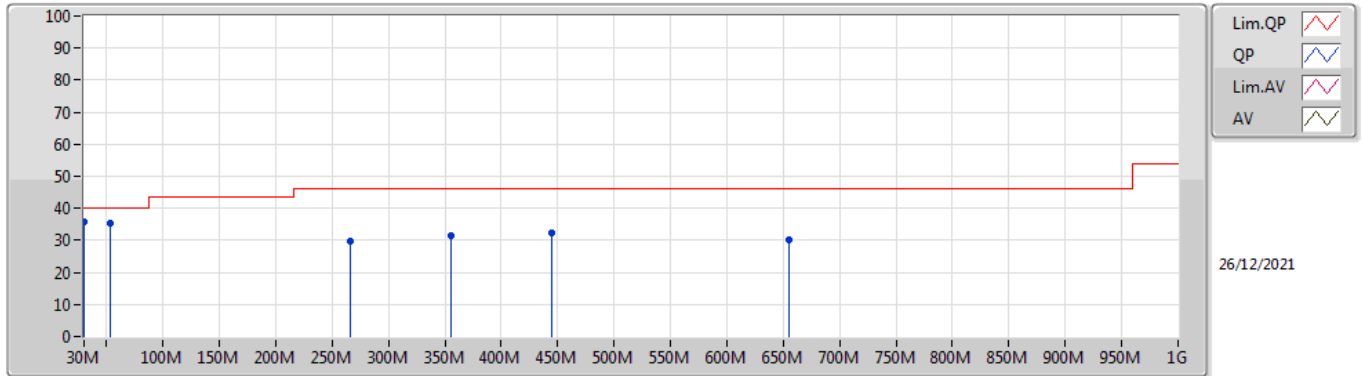
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
BT-LE(2Mbps)	Pass	PK	30M	35.70	40.00	-4.30	3	Vertical	360	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-	-	-
2440MHz	Pass	PK	30M	35.70	40.00	-4.30	3	Vertical	360	1.00	-
2440MHz	Pass	PK	53.28M	35.31	40.00	-4.69	3	Vertical	360	1.00	-
2440MHz	Pass	PK	266.68M	29.53	46.00	-16.47	3	Vertical	360	1.00	-
2440MHz	Pass	PK	355.92M	31.68	46.00	-14.32	3	Vertical	360	1.00	-
2440MHz	Pass	PK	445.16M	32.24	46.00	-13.76	3	Vertical	360	1.00	-
2440MHz	Pass	PK	654.68M	30.18	46.00	-15.82	3	Vertical	360	1.00	-
2440MHz	Pass	PK	49.4M	32.95	40.00	-7.05	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	125.06M	26.86	43.50	-16.64	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	270.56M	28.63	46.00	-17.37	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	355.92M	32.64	46.00	-13.36	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	445.16M	29.51	46.00	-16.49	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	577.08M	30.06	46.00	-15.94	3	Horizontal	0	1.00	-

BT-LE(2Mbps)

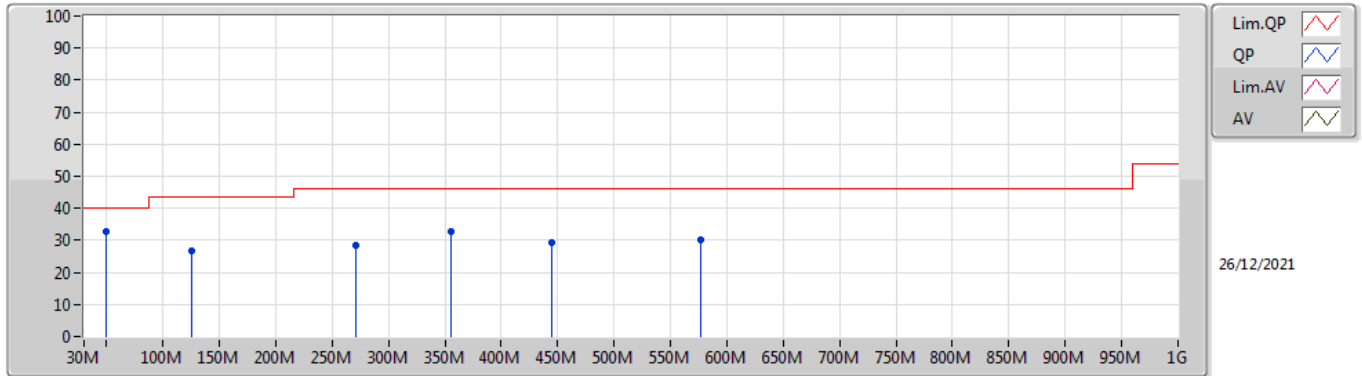
2440MHz_Switching Power Supply



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	30M	35.70	40.00	-4.30	-2.87	3	Vertical	360	1.00	-	38.57	23.26	0.86	26.99
PK	53.28M	35.31	40.00	-4.69	-14.42	3	Vertical	360	1.00	-	49.73	12.22	1.09	27.73
PK	266.68M	29.53	46.00	-16.47	-6.40	3	Vertical	360	1.00	-	35.93	18.41	2.22	27.03
PK	355.92M	31.68	46.00	-14.32	-5.00	3	Vertical	360	1.00	-	36.68	19.81	2.57	27.38
PK	445.16M	32.24	46.00	-13.76	-3.33	3	Vertical	360	1.00	-	35.57	21.83	2.88	28.04
PK	654.68M	30.18	46.00	-15.82	-0.57	3	Vertical	360	1.00	-	30.75	24.17	3.46	28.20

BT-LE(2Mbps)

2440MHz_Switching Power Supply



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	49.4M	32.95	40.00	-7.05	-13.19	3	Horizontal	0	1.00	-	46.14	13.45	1.06	27.70
PK	125.06M	26.86	43.50	-16.64	-8.85	3	Horizontal	0	1.00	-	35.71	17.33	1.57	27.75
PK	270.56M	28.63	46.00	-17.37	-6.74	3	Horizontal	0	1.00	-	35.37	18.06	2.24	27.04
PK	355.92M	32.64	46.00	-13.36	-5.00	3	Horizontal	0	1.00	-	37.64	19.81	2.57	27.38
PK	445.16M	29.51	46.00	-16.49	-3.33	3	Horizontal	0	1.00	-	32.84	21.83	2.88	28.04
PK	577.08M	30.06	46.00	-15.94	-1.18	3	Horizontal	0	1.00	-	31.24	23.91	3.29	28.38

**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	48.11	54.00	-5.89	3	Horizontal	184	2.60	-
BT-LE(2Mbps)	Pass	AV	2.3834G	48.95	54.00	-5.05	3	Horizontal	171	2.92	-
BT-LE(125kbps)	Pass	AV	2.4835G	47.99	54.00	-6.01	3	Horizontal	191	2.00	-
BT-LE(500kbps)	Pass	AV	2.4835G	47.99	54.00	-6.01	3	Horizontal	185	2.64	-

Result

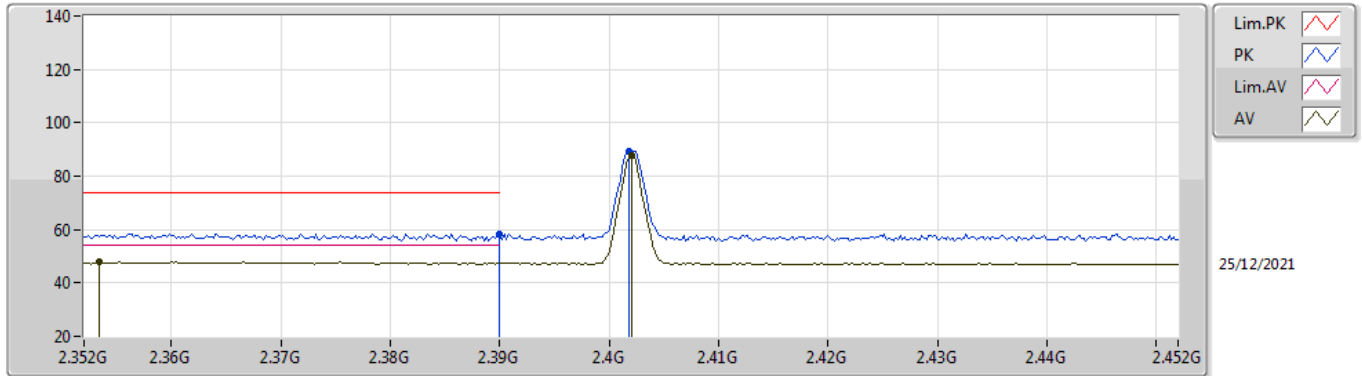
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
BT-LE(1Mbps)	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3534G	47.75	54.00	-6.25	3	Vertical	106	2.80	-
2402MHz	Pass	AV	2.402G	87.78	Inf	-Inf	3	Vertical	106	2.80	-
2402MHz	Pass	PK	2.39G	58.43	74.00	-15.57	3	Vertical	106	2.80	-
2402MHz	Pass	PK	2.4018G	89.47	Inf	-Inf	3	Vertical	106	2.80	-
2402MHz	Pass	AV	2.3636G	47.84	54.00	-6.16	3	Horizontal	170	2.92	-
2402MHz	Pass	AV	2.402G	96.10	Inf	-Inf	3	Horizontal	170	2.92	-
2402MHz	Pass	PK	2.3834G	58.88	74.00	-15.12	3	Horizontal	170	2.92	-
2402MHz	Pass	PK	2.4018G	97.59	Inf	-Inf	3	Horizontal	170	2.92	-
2402MHz	Pass	AV	4.80124G	29.88	54.00	-24.12	3	Vertical	122	3.00	-
2402MHz	Pass	PK	4.79998G	44.86	74.00	-29.14	3	Vertical	122	3.00	-
2402MHz	Pass	AV	4.80288G	29.76	54.00	-24.24	3	Horizontal	226	1.50	-
2402MHz	Pass	PK	4.79992G	42.10	74.00	-31.90	3	Horizontal	226	1.50	-
2440MHz	Pass	AV	2.352G	47.85	54.00	-6.15	3	Vertical	271	2.94	-
2440MHz	Pass	AV	2.44G	87.09	Inf	-Inf	3	Vertical	271	2.94	-
2440MHz	Pass	AV	2.4916G	47.23	54.00	-6.77	3	Vertical	271	2.94	-
2440MHz	Pass	PK	2.3464G	58.94	74.00	-15.06	3	Vertical	271	2.94	-
2440MHz	Pass	PK	2.4396G	88.85	Inf	-Inf	3	Vertical	271	2.94	-
2440MHz	Pass	PK	2.4956G	58.26	74.00	-15.74	3	Vertical	271	2.94	-
2440MHz	Pass	AV	2.3716G	47.87	54.00	-6.13	3	Horizontal	185	2.02	-
2440MHz	Pass	AV	2.44G	96.61	Inf	-Inf	3	Horizontal	185	2.02	-
2440MHz	Pass	AV	2.498G	47.23	54.00	-6.77	3	Horizontal	185	2.02	-
2440MHz	Pass	PK	2.3864G	58.43	74.00	-15.57	3	Horizontal	185	2.02	-
2440MHz	Pass	PK	2.4404G	98.14	Inf	-Inf	3	Horizontal	185	2.02	-
2440MHz	Pass	PK	2.496G	58.76	74.00	-15.24	3	Horizontal	185	2.02	-
2440MHz	Pass	AV	4.87994G	29.86	54.00	-24.14	3	Vertical	205	2.55	-
2440MHz	Pass	PK	4.88106G	41.95	74.00	-32.05	3	Vertical	205	2.55	-
2440MHz	Pass	AV	4.88138G	30.02	54.00	-23.98	3	Horizontal	35	1.50	-
2440MHz	Pass	PK	4.87802G	42.04	74.00	-31.96	3	Horizontal	35	1.50	-
2480MHz	Pass	AV	2.48G	87.63	Inf	-Inf	3	Vertical	77	2.03	-
2480MHz	Pass	AV	2.498G	47.37	54.00	-6.63	3	Vertical	77	2.03	-
2480MHz	Pass	PK	2.4802G	89.22	Inf	-Inf	3	Vertical	77	2.03	-
2480MHz	Pass	PK	2.4936G	58.46	74.00	-15.54	3	Vertical	77	2.03	-
2480MHz	Pass	AV	2.48G	97.31	Inf	-Inf	3	Horizontal	184	2.60	-
2480MHz	Pass	AV	2.4835G	48.11	54.00	-5.89	3	Horizontal	184	2.60	-
2480MHz	Pass	PK	2.4802G	98.79	Inf	-Inf	3	Horizontal	184	2.60	-
2480MHz	Pass	PK	2.4978G	58.12	74.00	-15.88	3	Horizontal	184	2.60	-
2480MHz	Pass	AV	4.9571G	30.08	54.00	-23.92	3	Vertical	291	2.72	-
2480MHz	Pass	PK	4.9601G	42.30	74.00	-31.70	3	Vertical	291	2.72	-
2480MHz	Pass	AV	4.95774G	30.39	54.00	-23.61	3	Horizontal	328	1.00	-
2480MHz	Pass	PK	4.95658G	42.45	74.00	-31.55	3	Horizontal	328	1.00	-
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3552G	48.87	54.00	-5.13	3	Vertical	90	2.80	-
2402MHz	Pass	AV	2.402G	86.79	Inf	-Inf	3	Vertical	90	2.80	-
2402MHz	Pass	PK	2.39G	58.99	74.00	-15.01	3	Vertical	90	2.80	-
2402MHz	Pass	PK	2.4016G	89.93	Inf	-Inf	3	Vertical	90	2.80	-
2402MHz	Pass	AV	2.3834G	48.95	54.00	-5.05	3	Horizontal	171	2.92	-
2402MHz	Pass	AV	2.402G	95.36	Inf	-Inf	3	Horizontal	171	2.92	-
2402MHz	Pass	PK	2.3602G	59.14	74.00	-14.86	3	Horizontal	171	2.92	-
2402MHz	Pass	PK	2.4024G	98.46	Inf	-Inf	3	Horizontal	171	2.92	-
2402MHz	Pass	AV	4.80374G	31.27	54.00	-22.73	3	Vertical	122	2.38	-
2402MHz	Pass	PK	4.80405G	42.19	74.00	-31.81	3	Vertical	122	2.38	-
2402MHz	Pass	AV	4.80315G	31.49	54.00	-22.51	3	Horizontal	312	1.50	-
2402MHz	Pass	PK	4.80404G	41.74	74.00	-32.26	3	Horizontal	312	1.50	-
2440MHz	Pass	AV	2.3588G	48.72	54.00	-5.28	3	Vertical	91	2.06	-
2440MHz	Pass	AV	2.44G	88.28	Inf	-Inf	3	Vertical	91	2.06	-
2440MHz	Pass	AV	2.4972G	48.12	54.00	-5.88	3	Vertical	91	2.06	-
2440MHz	Pass	PK	2.3636G	58.64	74.00	-15.36	3	Vertical	91	2.06	-
2440MHz	Pass	PK	2.4404G	91.42	Inf	-Inf	3	Vertical	91	2.06	-
2440MHz	Pass	PK	2.488G	58.73	74.00	-15.27	3	Vertical	91	2.06	-
2440MHz	Pass	AV	2.3612G	48.74	54.00	-5.26	3	Horizontal	180	2.63	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2440MHz	Pass	AV	2.44G	96.42	Inf	-Inf	3	Horizontal	180	2.63	-
2440MHz	Pass	AV	2.4852G	48.17	54.00	-5.83	3	Horizontal	180	2.63	-
2440MHz	Pass	PK	2.3448G	59.05	74.00	-14.95	3	Horizontal	180	2.63	-
2440MHz	Pass	PK	2.4396G	99.52	Inf	-Inf	3	Horizontal	180	2.63	-
2440MHz	Pass	PK	2.488G	58.27	74.00	-15.73	3	Horizontal	180	2.63	-
2440MHz	Pass	AV	4.87922G	31.59	54.00	-22.41	3	Vertical	289	1.48	-
2440MHz	Pass	PK	4.8807G	42.26	74.00	-31.74	3	Vertical	289	1.48	-
2440MHz	Pass	AV	4.8808G	31.69	54.00	-22.31	3	Horizontal	206	1.01	-
2440MHz	Pass	PK	4.88094G	42.49	74.00	-31.51	3	Horizontal	206	1.01	-
2480MHz	Pass	AV	2.48G	87.86	Inf	-Inf	3	Vertical	96	2.91	-
2480MHz	Pass	AV	2.495G	48.30	54.00	-5.70	3	Vertical	96	2.91	-
2480MHz	Pass	PK	2.4796G	91.26	Inf	-Inf	3	Vertical	96	2.91	-
2480MHz	Pass	PK	2.4894G	58.27	74.00	-15.73	3	Vertical	96	2.91	-
2480MHz	Pass	AV	2.48G	94.84	Inf	-Inf	3	Horizontal	185	2.62	-
2480MHz	Pass	AV	2.4835G	48.89	54.00	-5.11	3	Horizontal	185	2.62	-
2480MHz	Pass	PK	2.4806G	98.09	Inf	-Inf	3	Horizontal	185	2.62	-
2480MHz	Pass	PK	2.4835G	58.77	74.00	-15.23	3	Horizontal	185	2.62	-
2480MHz	Pass	AV	4.95905G	31.67	54.00	-22.33	3	Vertical	71	1.50	-
2480MHz	Pass	PK	4.95892G	42.61	74.00	-31.39	3	Vertical	71	1.50	-
2480MHz	Pass	AV	4.96092G	31.73	54.00	-22.27	3	Horizontal	316	1.50	-
2480MHz	Pass	PK	4.96096G	43.23	74.00	-30.77	3	Horizontal	316	1.50	-
BT-LE(125kpbs)	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3608G	47.40	54.00	-6.60	3	Vertical	90	2.80	-
2402MHz	Pass	AV	2.402G	87.67	Inf	-Inf	3	Vertical	90	2.80	-
2402MHz	Pass	PK	2.3618G	58.94	74.00	-15.06	3	Vertical	90	2.80	-
2402MHz	Pass	PK	2.4018G	89.53	Inf	-Inf	3	Vertical	90	2.80	-
2402MHz	Pass	AV	2.3542G	47.46	54.00	-6.54	3	Horizontal	173	2.93	-
2402MHz	Pass	AV	2.402G	95.61	Inf	-Inf	3	Horizontal	173	2.93	-
2402MHz	Pass	PK	2.38G	59.81	74.00	-14.19	3	Horizontal	173	2.93	-
2402MHz	Pass	PK	2.4022G	97.43	Inf	-Inf	3	Horizontal	173	2.93	-
2402MHz	Pass	AV	4.8025G	28.96	54.00	-25.04	3	Vertical	73	1.50	-
2402MHz	Pass	PK	4.80362G	42.17	74.00	-31.83	3	Vertical	73	1.50	-
2402MHz	Pass	AV	4.80267G	28.92	54.00	-25.08	3	Horizontal	139	1.50	-
2402MHz	Pass	PK	4.803G	41.89	74.00	-32.11	3	Horizontal	139	1.50	-
2440MHz	Pass	AV	2.352G	47.35	54.00	-6.65	3	Vertical	79	2.19	-
2440MHz	Pass	AV	2.44G	86.67	Inf	-Inf	3	Vertical	79	2.19	-
2440MHz	Pass	AV	2.4888G	46.87	54.00	-7.13	3	Vertical	79	2.19	-
2440MHz	Pass	PK	2.3756G	58.69	74.00	-15.31	3	Vertical	79	2.19	-
2440MHz	Pass	PK	2.4396G	88.57	Inf	-Inf	3	Vertical	79	2.19	-
2440MHz	Pass	PK	2.5G	57.82	74.00	-16.18	3	Vertical	79	2.19	-
2440MHz	Pass	AV	2.342G	47.39	54.00	-6.61	3	Horizontal	183	2.02	-
2440MHz	Pass	AV	2.44G	96.38	Inf	-Inf	3	Horizontal	183	2.02	-
2440MHz	Pass	AV	2.4908G	46.83	54.00	-7.17	3	Horizontal	183	2.02	-
2440MHz	Pass	PK	2.3464G	59.24	74.00	-14.76	3	Horizontal	183	2.02	-
2440MHz	Pass	PK	2.4404G	98.24	Inf	-Inf	3	Horizontal	183	2.02	-
2440MHz	Pass	PK	2.4864G	58.22	74.00	-15.78	3	Horizontal	183	2.02	-
2440MHz	Pass	AV	4.87951G	29.30	54.00	-24.70	3	Vertical	222	1.50	-
2440MHz	Pass	PK	4.87921G	43.20	74.00	-30.80	3	Vertical	222	1.50	-
2440MHz	Pass	AV	4.88137G	29.19	54.00	-24.81	3	Horizontal	358	1.50	-
2440MHz	Pass	PK	4.881G	42.73	74.00	-31.27	3	Horizontal	358	1.50	-
2480MHz	Pass	AV	2.48G	90.14	Inf	-Inf	3	Vertical	94	2.91	-
2480MHz	Pass	AV	2.4835G	47.07	54.00	-6.93	3	Vertical	94	2.91	-
2480MHz	Pass	PK	2.4802G	92.00	Inf	-Inf	3	Vertical	94	2.91	-
2480MHz	Pass	PK	2.4876G	57.90	74.00	-16.10	3	Vertical	94	2.91	-
2480MHz	Pass	AV	2.48G	96.80	Inf	-Inf	3	Horizontal	191	2.00	-
2480MHz	Pass	AV	2.4835G	47.99	54.00	-6.01	3	Horizontal	191	2.00	-
2480MHz	Pass	PK	2.4802G	98.67	Inf	-Inf	3	Horizontal	191	2.00	-
2480MHz	Pass	PK	2.4932G	58.70	74.00	-15.30	3	Horizontal	191	2.00	-
2480MHz	Pass	AV	4.95854G	29.43	54.00	-24.57	3	Vertical	130	1.50	-
2480MHz	Pass	PK	4.96119G	42.62	74.00	-31.38	3	Vertical	130	1.50	-
2480MHz	Pass	AV	4.95922G	29.40	54.00	-24.60	3	Horizontal	33	1.50	-
2480MHz	Pass	PK	4.96126G	42.46	74.00	-31.54	3	Horizontal	33	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
BT-LE(500kpbs)	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3536G	47.32	54.00	-6.68	3	Vertical	104	2.81	-
2402MHz	Pass	AV	2.402G	88.58	Inf	-Inf	3	Vertical	104	2.81	-
2402MHz	Pass	PK	2.3648G	58.44	74.00	-15.56	3	Vertical	104	2.81	-
2402MHz	Pass	PK	2.4018G	90.35	Inf	-Inf	3	Vertical	104	2.81	-
2402MHz	Pass	AV	2.3596G	47.30	54.00	-6.70	3	Horizontal	174	2.93	-
2402MHz	Pass	AV	2.402G	96.32	Inf	-Inf	3	Horizontal	174	2.93	-
2402MHz	Pass	PK	2.3842G	58.91	74.00	-15.09	3	Horizontal	174	2.93	-
2402MHz	Pass	PK	2.4022G	98.19	Inf	-Inf	3	Horizontal	174	2.93	-
2402MHz	Pass	AV	4.8802G	29.27	54.00	-24.73	3	Vertical	34	1.50	-
2402MHz	Pass	PK	4.8794G	42.40	74.00	-31.60	3	Vertical	34	1.50	-
2402MHz	Pass	AV	4.87938G	29.42	54.00	-24.58	3	Horizontal	342	1.50	-
2402MHz	Pass	PK	4.8794G	42.49	74.00	-31.51	3	Horizontal	342	1.50	-
2440MHz	Pass	AV	2.3556G	47.48	54.00	-6.52	3	Vertical	269	2.93	-
2440MHz	Pass	AV	2.44G	87.23	Inf	-Inf	3	Vertical	269	2.93	-
2440MHz	Pass	AV	2.4988G	46.96	54.00	-7.04	3	Vertical	269	2.93	-
2440MHz	Pass	PK	2.3488G	58.23	74.00	-15.77	3	Vertical	269	2.93	-
2440MHz	Pass	PK	2.4396G	89.05	Inf	-Inf	3	Vertical	269	2.93	-
2440MHz	Pass	PK	2.4844G	58.73	74.00	-15.27	3	Vertical	269	2.93	-
2440MHz	Pass	AV	2.3408G	47.37	54.00	-6.63	3	Horizontal	172	2.85	-
2440MHz	Pass	AV	2.44G	95.57	Inf	-Inf	3	Horizontal	172	2.85	-
2440MHz	Pass	AV	2.4932G	46.88	54.00	-7.12	3	Horizontal	172	2.85	-
2440MHz	Pass	PK	2.3412G	58.86	74.00	-15.14	3	Horizontal	172	2.85	-
2440MHz	Pass	PK	2.4404G	97.47	Inf	-Inf	3	Horizontal	172	2.85	-
2440MHz	Pass	PK	2.4952G	58.04	74.00	-15.96	3	Horizontal	172	2.85	-
2440MHz	Pass	AV	4.8796G	29.37	54.00	-24.63	3	Vertical	1	3.00	-
2440MHz	Pass	PK	4.88073G	42.58	74.00	-31.42	3	Vertical	1	3.00	-
2440MHz	Pass	AV	4.87893G	29.28	54.00	-24.72	3	Horizontal	342	1.50	-
2440MHz	Pass	PK	4.87981G	42.59	74.00	-31.41	3	Horizontal	342	1.50	-
2480MHz	Pass	AV	2.48G	88.92	Inf	-Inf	3	Vertical	96	2.24	-
2480MHz	Pass	AV	2.4842G	46.89	54.00	-7.11	3	Vertical	96	2.24	-
2480MHz	Pass	PK	2.4798G	90.79	Inf	-Inf	3	Vertical	96	2.24	-
2480MHz	Pass	PK	2.4835G	57.88	74.00	-16.12	3	Vertical	96	2.24	-
2480MHz	Pass	AV	2.48G	97.22	Inf	-Inf	3	Horizontal	185	2.64	-
2480MHz	Pass	AV	2.4835G	47.99	54.00	-6.01	3	Horizontal	185	2.64	-
2480MHz	Pass	PK	2.4798G	98.91	Inf	-Inf	3	Horizontal	185	2.64	-
2480MHz	Pass	PK	2.486G	58.00	74.00	-16.00	3	Horizontal	185	2.64	-
2480MHz	Pass	AV	4.96007G	29.54	54.00	-24.46	3	Vertical	149	1.73	-
2480MHz	Pass	PK	4.95912G	43.14	74.00	-30.86	3	Vertical	149	1.73	-
2480MHz	Pass	AV	4.96001G	29.52	54.00	-24.48	3	Horizontal	77	1.58	-
2480MHz	Pass	PK	4.95983G	43.04	74.00	-30.96	3	Horizontal	77	1.58	-

BT-LE(1Mbps)

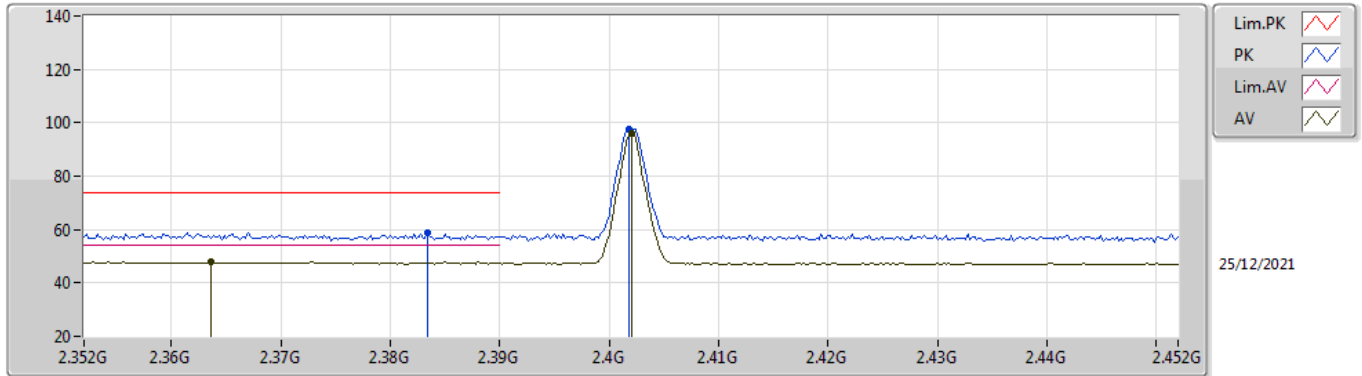
2402MHz_TX



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	2.3534G	47.75	54.00	-6.25	35.03	3	Vertical	106	2.80	-	12.72	27.79	7.24	-
AV	2.402G	87.78	Inf	-Inf	34.95	3	Vertical	106	2.80	-	52.83	27.69	7.26	-
PK	2.39G	58.43	74.00	-15.57	34.98	3	Vertical	106	2.80	-	23.45	27.72	7.26	-
PK	2.4018G	89.47	Inf	-Inf	34.95	3	Vertical	106	2.80	-	54.52	27.69	7.26	-

BT-LE(1Mbps)

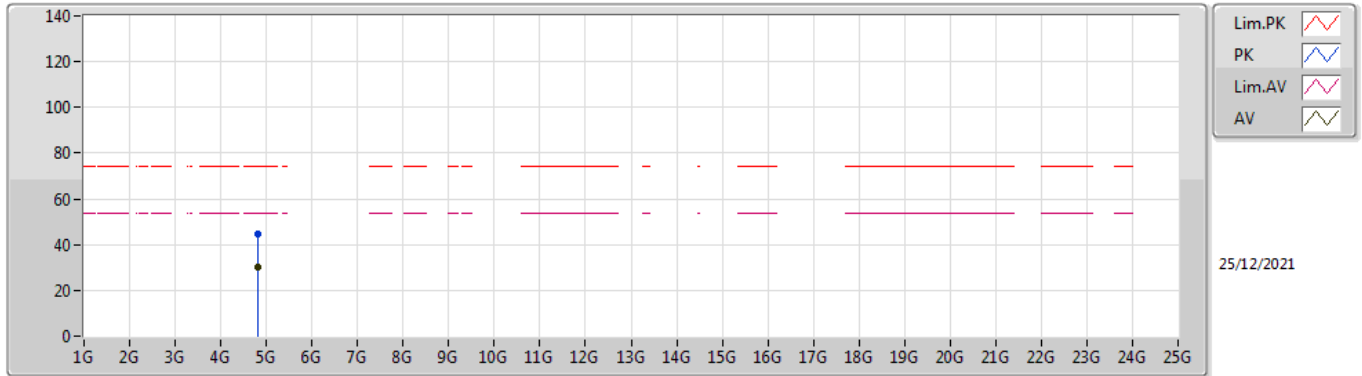
2402MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3636G	47.84	54.00	-6.16	35.01	3	Horizontal	170	2.92	-	12.83	27.77	7.24	-
AV	2.402G	96.10	Inf	-Inf	34.95	3	Horizontal	170	2.92	-	61.15	27.69	7.26	-
PK	2.3834G	58.88	74.00	-15.12	34.98	3	Horizontal	170	2.92	-	23.90	27.73	7.25	-
PK	2.4018G	97.59	Inf	-Inf	34.95	3	Horizontal	170	2.92	-	62.64	27.69	7.26	-

BT-LE(1Mbps)

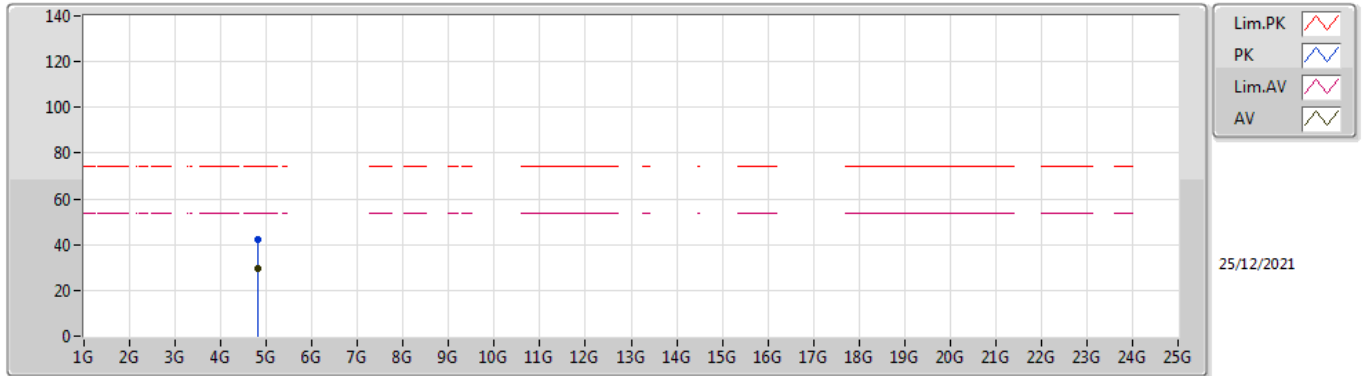
2402MHz_TX



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	4.80124G	29.88	54.00	-24.12	5.80	3	Vertical	122	3.00	-	24.08	31.10	8.90	34.20
PK	4.79998G	44.86	74.00	-29.14	5.80	3	Vertical	122	3.00	-	39.06	31.10	8.90	34.20

BT-LE(1Mbps)

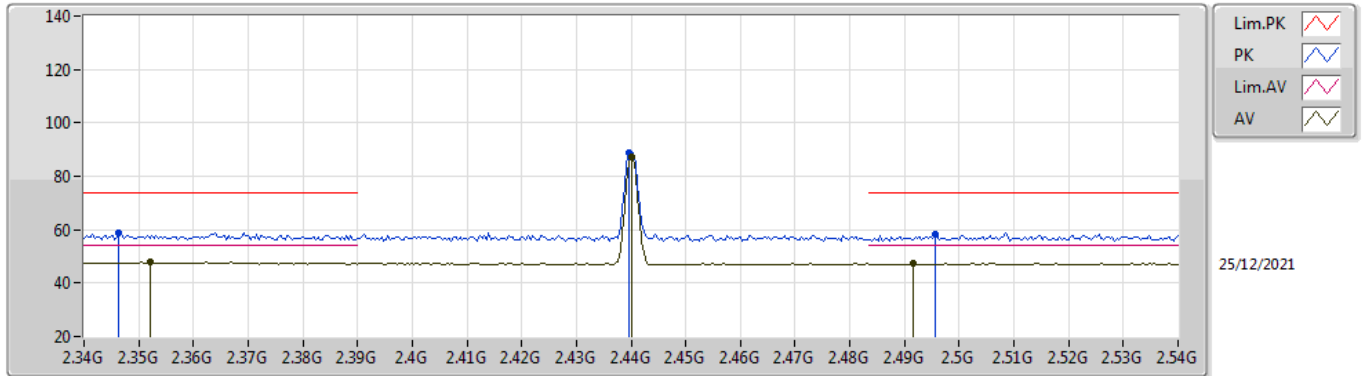
2402MHz_TX



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	4.80288G	29.76	54.00	-24.24	5.82	3	Horizontal	226	1.50	-	23.94	31.11	8.90	34.19
PK	4.79992G	42.10	74.00	-31.90	5.80	3	Horizontal	226	1.50	-	36.30	31.10	8.90	34.20

BT-LE(1Mbps)

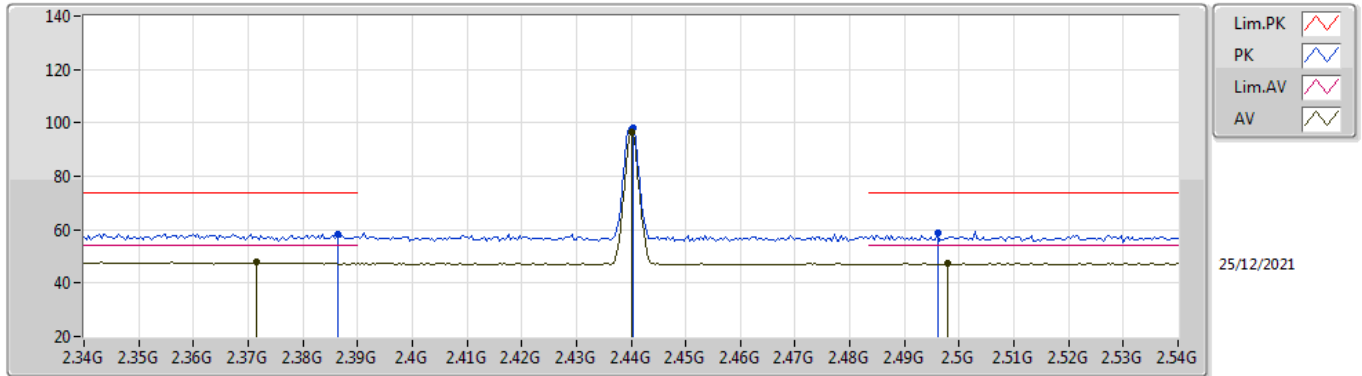
2440MHz_TX



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	2.352G	47.85	54.00	-6.15	35.04	3	Vertical	271	2.94	-	12.81	27.80	7.24	-
AV	2.44G	87.09	Inf	-Inf	34.75	3	Vertical	271	2.94	-	52.34	27.46	7.29	-
AV	2.4916G	47.23	54.00	-6.77	34.73	3	Vertical	271	2.94	-	12.50	27.40	7.33	-
PK	2.3464G	58.94	74.00	-15.06	35.05	3	Vertical	271	2.94	-	23.89	27.81	7.24	-
PK	2.4396G	88.85	Inf	-Inf	34.75	3	Vertical	271	2.94	-	54.10	27.46	7.29	-
PK	2.4956G	58.26	74.00	-15.74	34.74	3	Vertical	271	2.94	-	23.52	27.40	7.34	-

BT-LE(1Mbps)

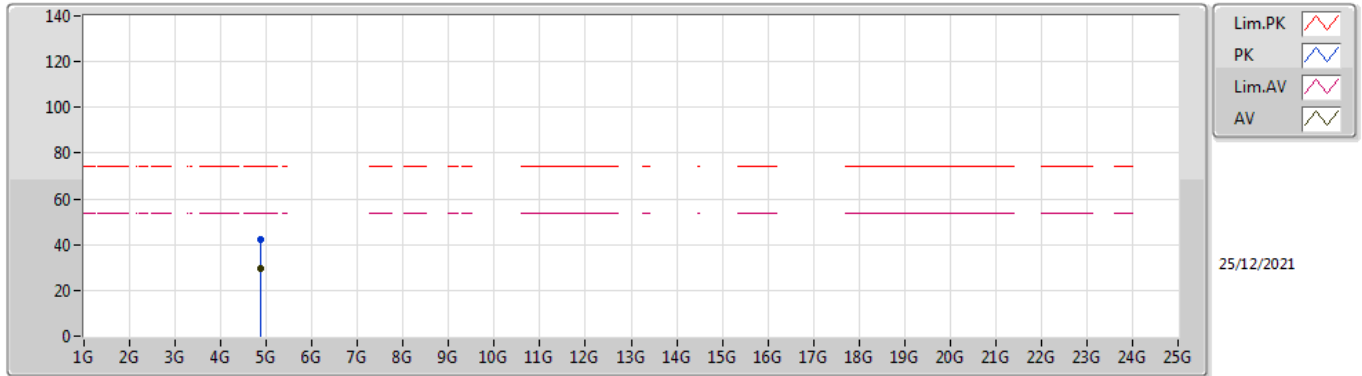
2440MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3716G	47.87	54.00	-6.13	35.01	3	Horizontal	185	2.02	-	12.86	27.76	7.25	-
AV	2.44G	96.61	Inf	-Inf	34.75	3	Horizontal	185	2.02	-	61.86	27.46	7.29	-
AV	2.498G	47.23	54.00	-6.77	34.74	3	Horizontal	185	2.02	-	12.49	27.40	7.34	-
PK	2.3864G	58.43	74.00	-15.57	34.98	3	Horizontal	185	2.02	-	23.45	27.73	7.25	-
PK	2.4404G	98.14	Inf	-Inf	34.75	3	Horizontal	185	2.02	-	63.39	27.46	7.29	-
PK	2.496G	58.76	74.00	-15.24	34.74	3	Horizontal	185	2.02	-	24.02	27.40	7.34	-

BT-LE(1Mbps)

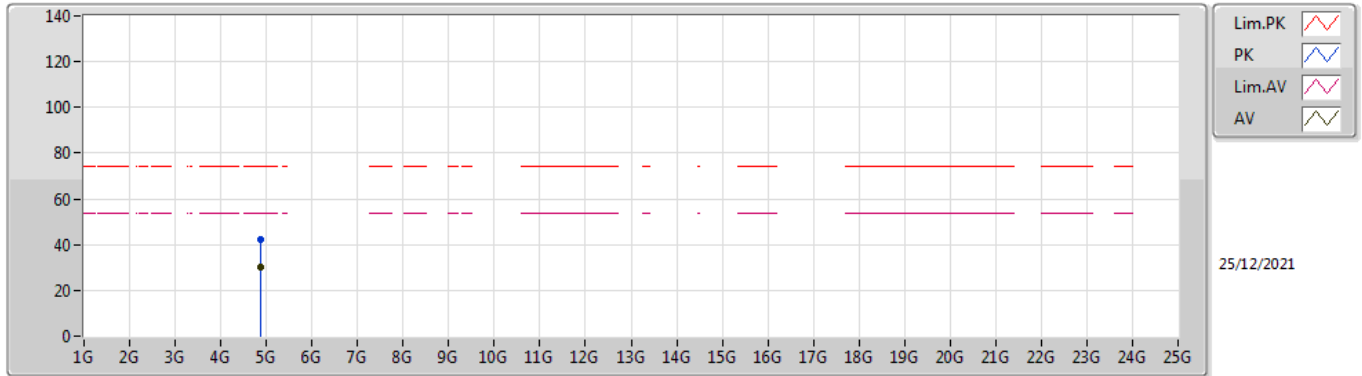
2440MHz_TX



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	4.87994G	29.86	54.00	-24.14	6.00	3	Vertical	205	2.55	-	23.86	31.20	8.96	34.16
PK	4.88106G	41.95	74.00	-32.05	6.00	3	Vertical	205	2.55	-	35.95	31.20	8.96	34.16

BT-LE(1Mbps)

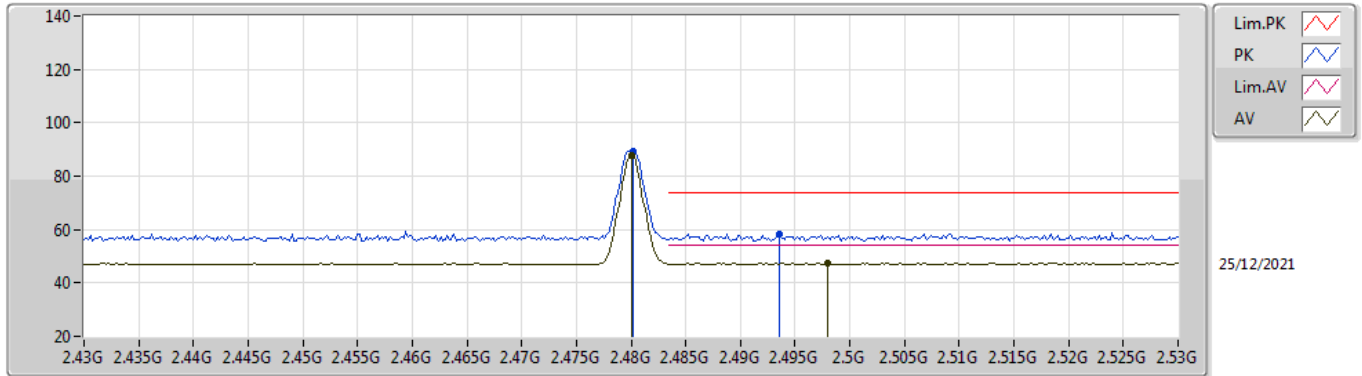
2440MHz_TX



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	4.88138G	30.02	54.00	-23.98	6.00	3	Horizontal	35	1.50	-	24.02	31.20	8.96	34.16
PK	4.87802G	42.04	74.00	-31.96	6.00	3	Horizontal	35	1.50	-	36.04	31.20	8.96	34.16

BT-LE(1Mbps)

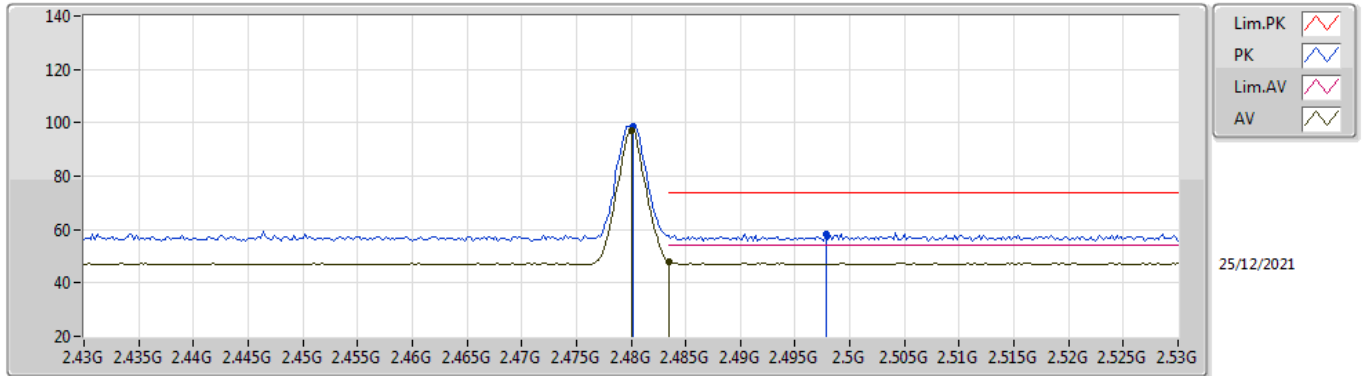
2480MHz_TX



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	87.63	Inf	-Inf	34.72	3	Vertical	77	2.03	-	52.91	27.40	7.32	-
AV	2.498G	47.37	54.00	-6.63	34.74	3	Vertical	77	2.03	-	12.63	27.40	7.34	-
PK	2.4802G	89.22	Inf	-Inf	34.72	3	Vertical	77	2.03	-	54.50	27.40	7.32	-
PK	2.4936G	58.46	74.00	-15.54	34.73	3	Vertical	77	2.03	-	23.73	27.40	7.33	-

BT-LE(1Mbps)

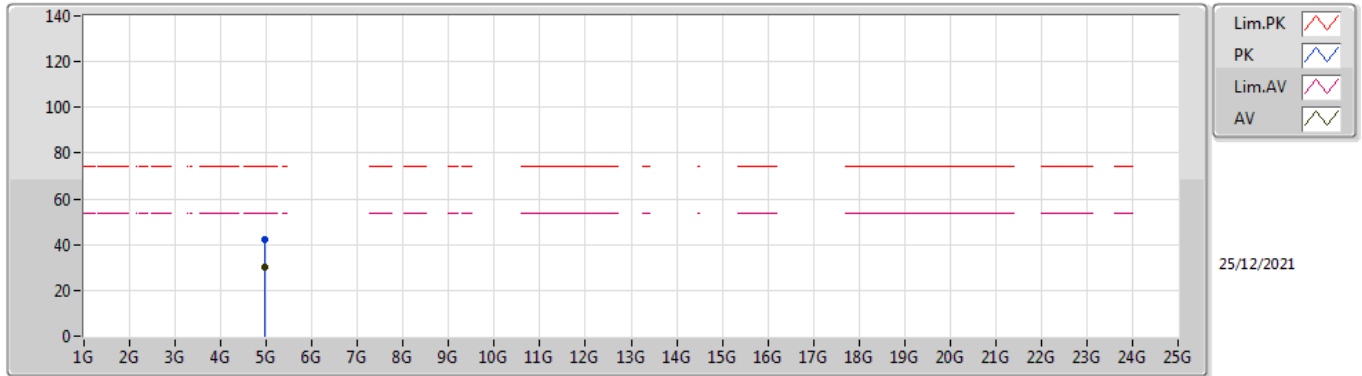
2480MHz_TX



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	97.31	Inf	-Inf	34.72	3	Horizontal	184	2.60	-	62.59	27.40	7.32	-
AV	2.4835G	48.11	54.00	-5.89	34.73	3	Horizontal	184	2.60	-	13.38	27.40	7.33	-
PK	2.4802G	98.79	Inf	-Inf	34.72	3	Horizontal	184	2.60	-	64.07	27.40	7.32	-
PK	2.4978G	58.12	74.00	-15.88	34.74	3	Horizontal	184	2.60	-	23.38	27.40	7.34	-

BT-LE(1Mbps)

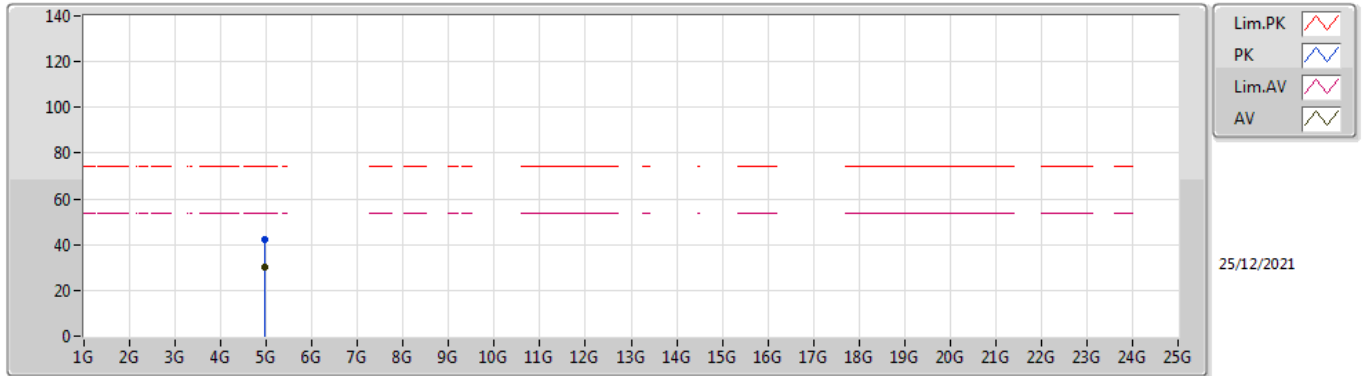
2480MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.9571G	30.08	54.00	-23.92	6.31	3	Vertical	291	2.72	-	23.77	31.41	9.02	34.12
PK	4.9601G	42.30	74.00	-31.70	6.32	3	Vertical	291	2.72	-	35.98	31.42	9.02	34.12

BT-LE(1Mbps)

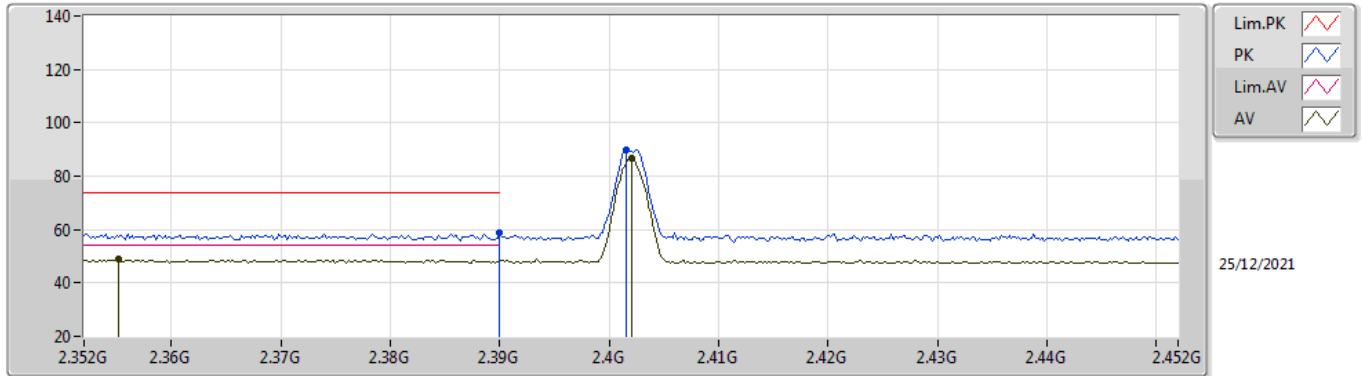
2480MHz_TX



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	4.95774G	30.39	54.00	-23.61	6.32	3	Horizontal	328	1.00	-	24.07	31.42	9.02	34.12
PK	4.95658G	42.45	74.00	-31.55	6.31	3	Horizontal	328	1.00	-	36.14	31.41	9.02	34.12

BT-LE(2Mbps)

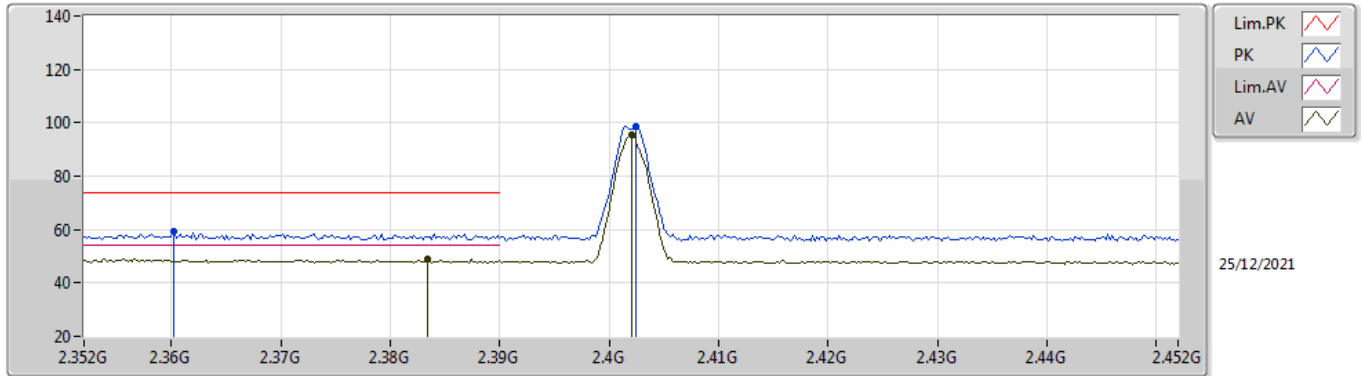
2402MHz_TX



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	2.3552G	48.87	54.00	-5.13	35.03	3	Vertical	90	2.80	-	13.84	27.79	7.24	-
AV	2.402G	86.79	Inf	-Inf	34.95	3	Vertical	90	2.80	-	51.84	27.69	7.26	-
PK	2.39G	58.99	74.00	-15.01	34.98	3	Vertical	90	2.80	-	24.01	27.72	7.26	-
PK	2.4016G	89.93	Inf	-Inf	34.95	3	Vertical	90	2.80	-	54.98	27.69	7.26	-

BT-LE(2Mbps)

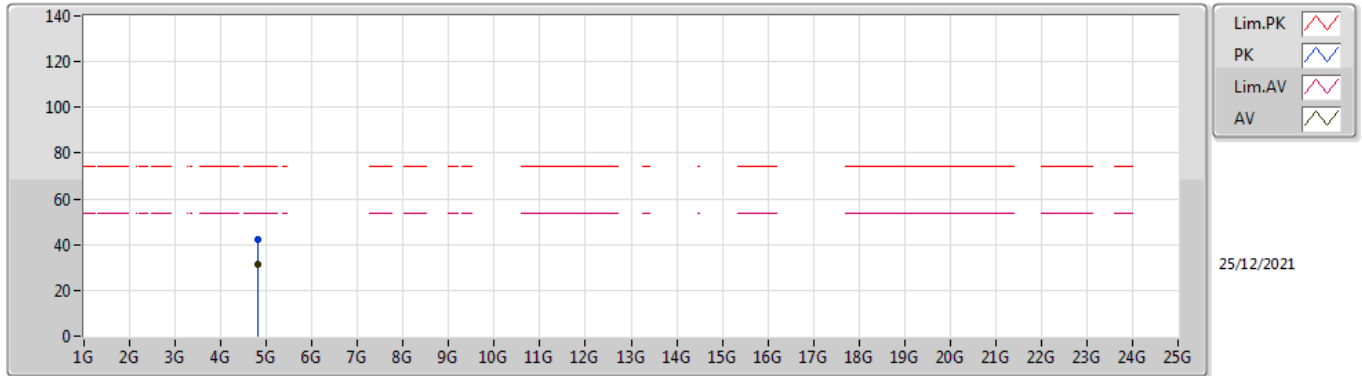
2402MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3834G	48.95	54.00	-5.05	34.98	3	Horizontal	171	2.92	-	13.97	27.73	7.25	-
AV	2.402G	95.36	Inf	-Inf	34.95	3	Horizontal	171	2.92	-	60.41	27.69	7.26	-
PK	2.3602G	59.14	74.00	-14.86	35.02	3	Horizontal	171	2.92	-	24.12	27.78	7.24	-
PK	2.4024G	98.46	Inf	-Inf	34.95	3	Horizontal	171	2.92	-	63.51	27.69	7.26	-

BT-LE(2Mbps)

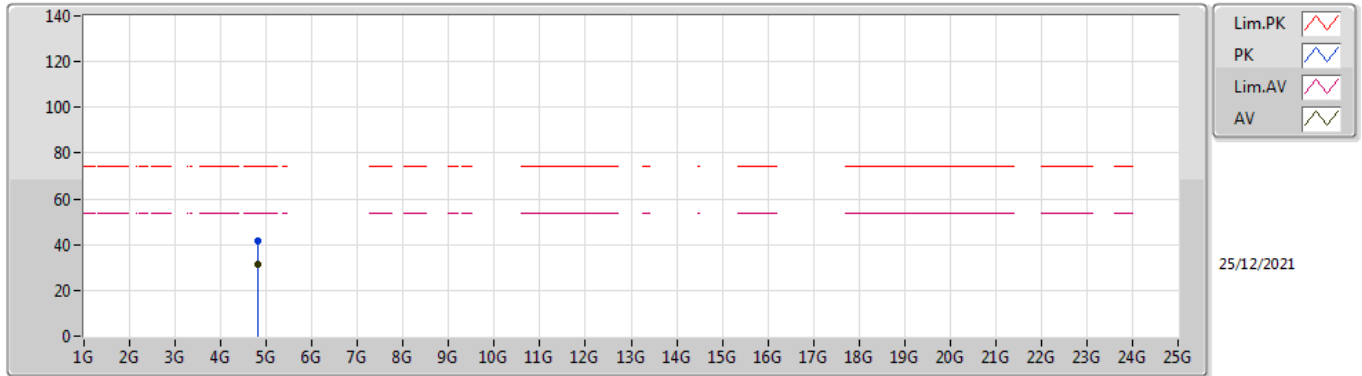
2402MHz_TX



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	4.80374G	31.27	54.00	-22.73	5.82	3	Vertical	122	2.38	-	25.45	31.11	8.90	34.19
PK	4.80405G	42.19	74.00	-31.81	5.82	3	Vertical	122	2.38	-	36.37	31.11	8.90	34.19

BT-LE(2Mbps)

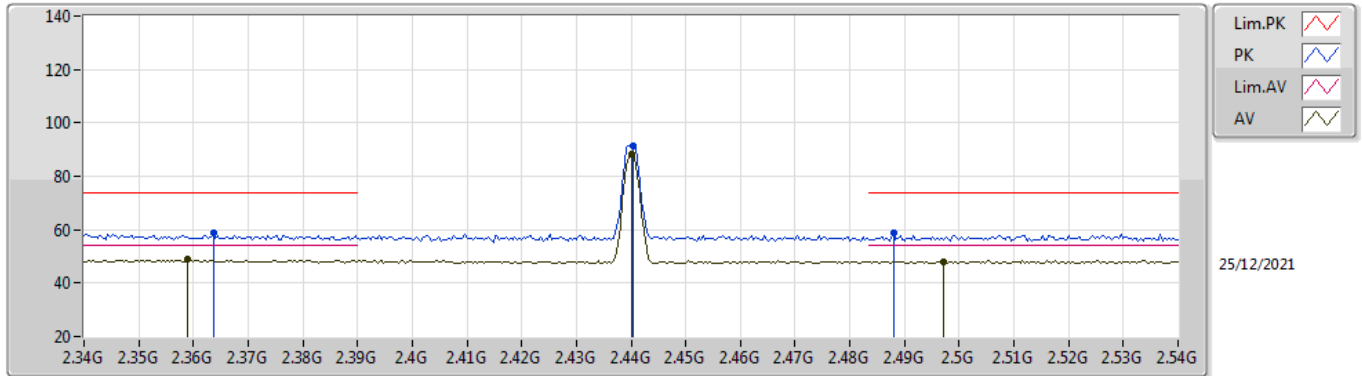
2402MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.80315G	31.49	54.00	-22.51	5.82	3	Horizontal	312	1.50	-	25.67	31.11	8.90	34.19
PK	4.80404G	41.74	74.00	-32.26	5.82	3	Horizontal	312	1.50	-	35.92	31.11	8.90	34.19

BT-LE(2Mbps)

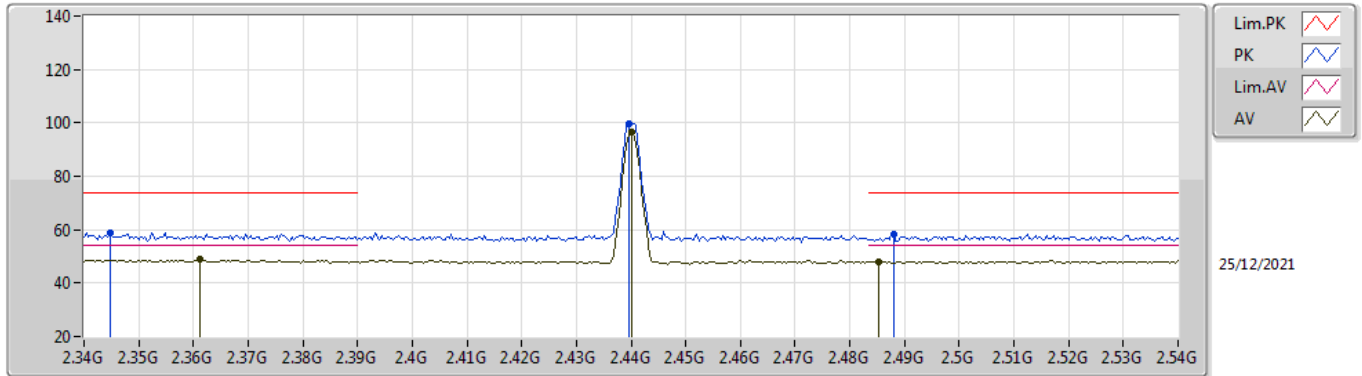
2440MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3588G	48.72	54.00	-5.28	35.02	3	Vertical	91	2.06	-	13.70	27.78	7.24	-
AV	2.44G	88.28	Inf	-Inf	34.75	3	Vertical	91	2.06	-	53.53	27.46	7.29	-
AV	2.4972G	48.12	54.00	-5.88	34.74	3	Vertical	91	2.06	-	13.38	27.40	7.34	-
PK	2.3636G	58.64	74.00	-15.36	35.01	3	Vertical	91	2.06	-	23.63	27.77	7.24	-
PK	2.4404G	91.42	Inf	-Inf	34.75	3	Vertical	91	2.06	-	56.67	27.46	7.29	-
PK	2.488G	58.73	74.00	-15.27	34.73	3	Vertical	91	2.06	-	24.00	27.40	7.33	-

BT-LE(2Mbps)

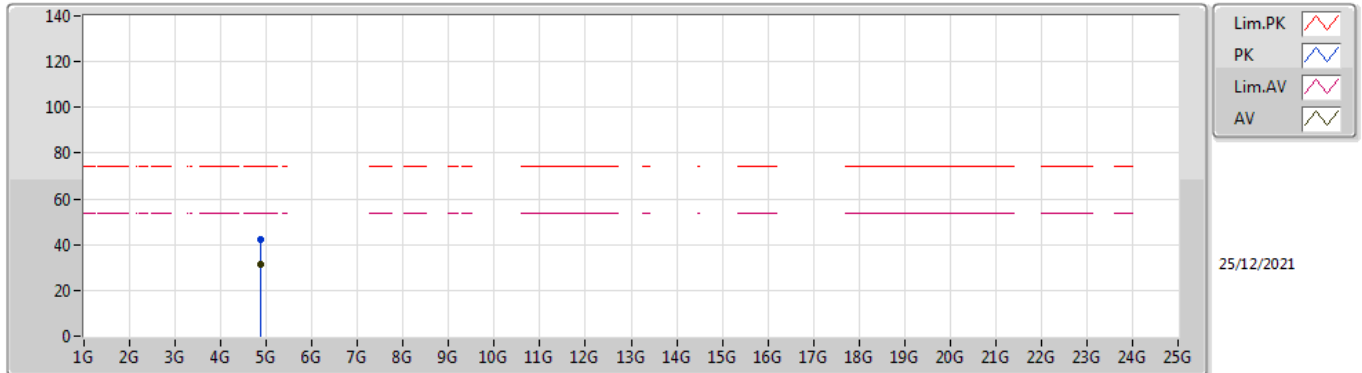
2440MHz_TX



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	2.3612G	48.74	54.00	-5.26	35.02	3	Horizontal	180	2.63	-	13.72	27.78	7.24	-
AV	2.44G	96.42	Inf	-Inf	34.75	3	Horizontal	180	2.63	-	61.67	27.46	7.29	-
AV	2.4852G	48.17	54.00	-5.83	34.73	3	Horizontal	180	2.63	-	13.44	27.40	7.33	-
PK	2.3448G	59.05	74.00	-14.95	35.05	3	Horizontal	180	2.63	-	24.00	27.81	7.24	-
PK	2.4396G	99.52	Inf	-Inf	34.75	3	Horizontal	180	2.63	-	64.77	27.46	7.29	-
PK	2.488G	58.27	74.00	-15.73	34.73	3	Horizontal	180	2.63	-	23.54	27.40	7.33	-

BT-LE(2Mbps)

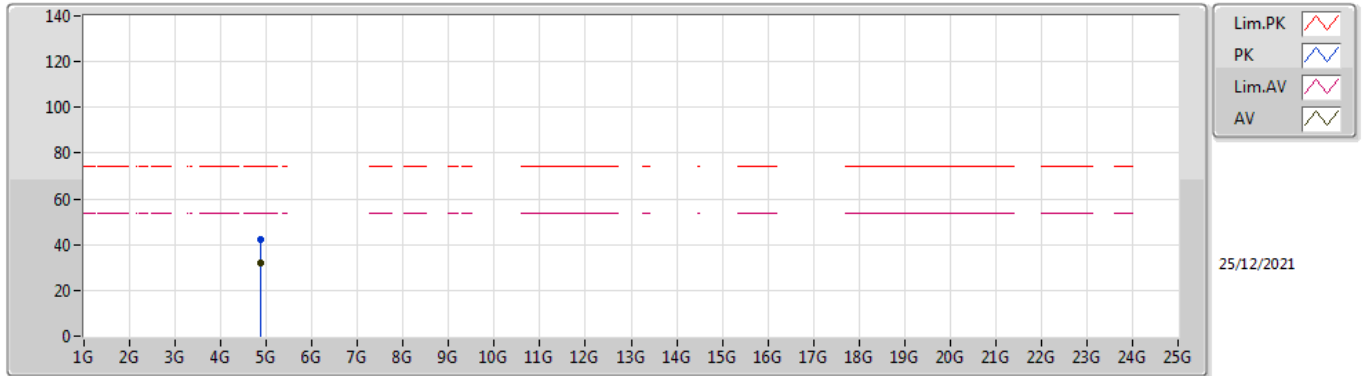
2440MHz_TX



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	4.87922G	31.59	54.00	-22.41	6.00	3	Vertical	289	1.48	-	25.59	31.20	8.96	34.16
PK	4.8807G	42.26	74.00	-31.74	6.00	3	Vertical	289	1.48	-	36.26	31.20	8.96	34.16

BT-LE(2Mbps)

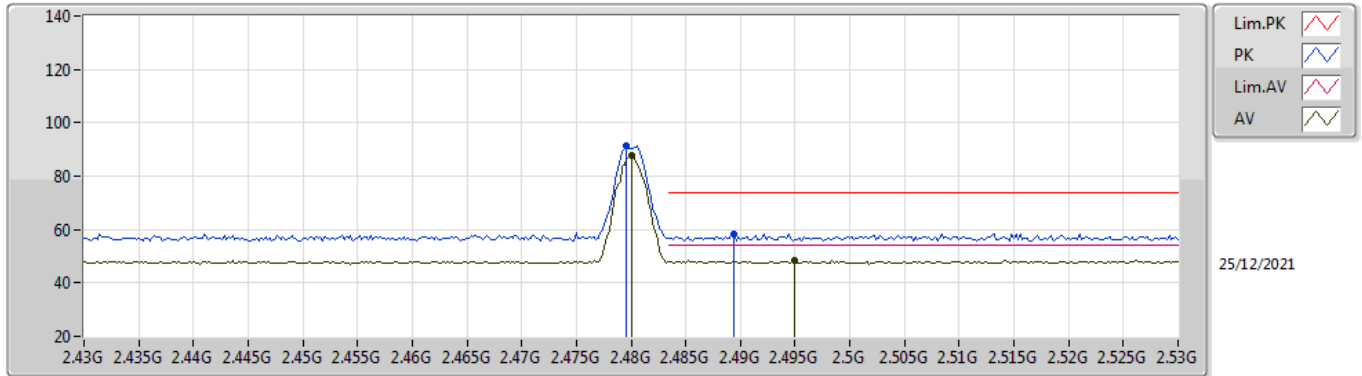
2440MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8808G	31.69	54.00	-22.31	6.00	3	Horizontal	206	1.01	-	25.69	31.20	8.96	34.16
PK	4.88094G	42.49	74.00	-31.51	6.00	3	Horizontal	206	1.01	-	36.49	31.20	8.96	34.16

BT-LE(2Mbps)

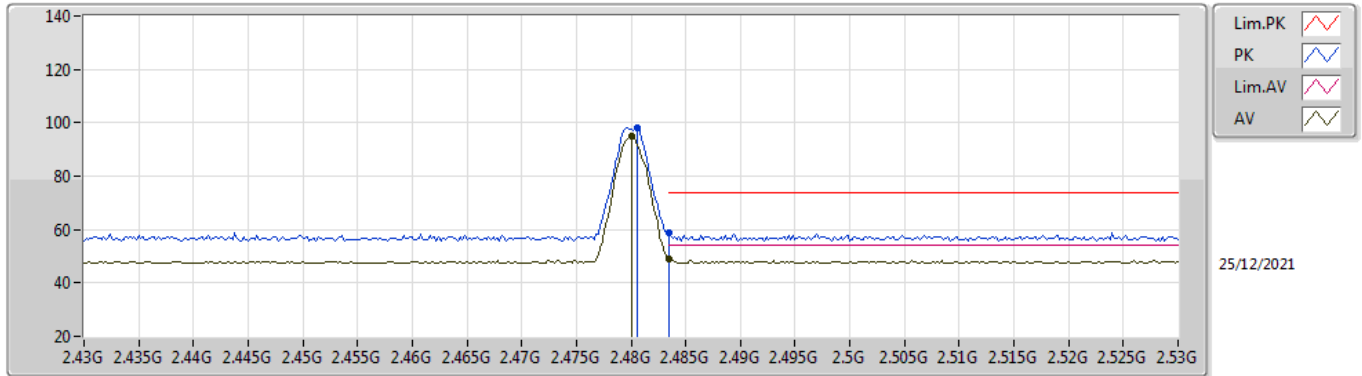
2480MHz_TX



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	87.86	Inf	-Inf	34.72	3	Vertical	96	2.91	-	53.14	27.40	7.32	-
AV	2.495G	48.30	54.00	-5.70	34.74	3	Vertical	96	2.91	-	13.56	27.40	7.34	-
PK	2.4796G	91.26	Inf	-Inf	34.72	3	Vertical	96	2.91	-	56.54	27.40	7.32	-
PK	2.4894G	58.27	74.00	-15.73	34.73	3	Vertical	96	2.91	-	23.54	27.40	7.33	-

BT-LE(2Mbps)

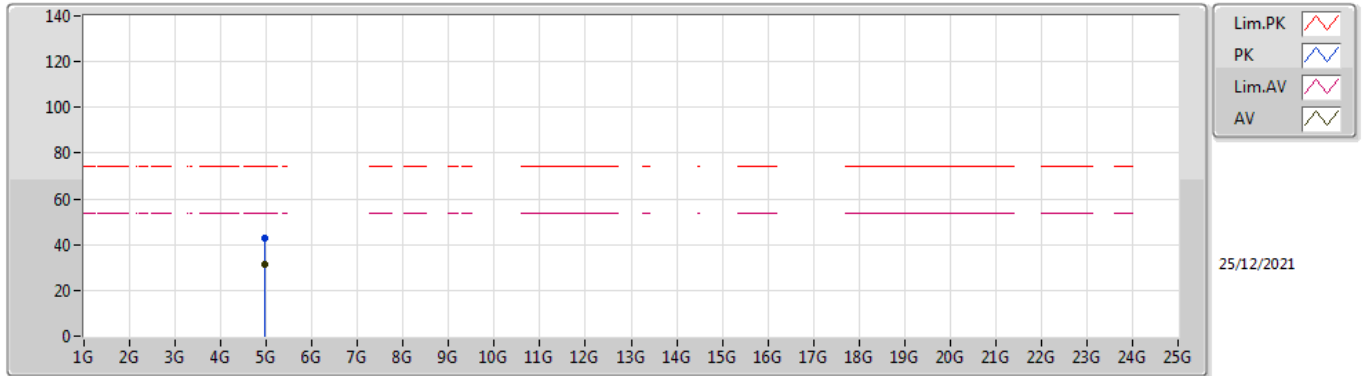
2480MHz_TX



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	94.84	Inf	-Inf	34.72	3	Horizontal	185	2.62	-	60.12	27.40	7.32	-
AV	2.4835G	48.89	54.00	-5.11	34.73	3	Horizontal	185	2.62	-	14.16	27.40	7.33	-
PK	2.4806G	98.09	Inf	-Inf	34.72	3	Horizontal	185	2.62	-	63.37	27.40	7.32	-
PK	2.4835G	58.77	74.00	-15.23	34.73	3	Horizontal	185	2.62	-	24.04	27.40	7.33	-

BT-LE(2Mbps)

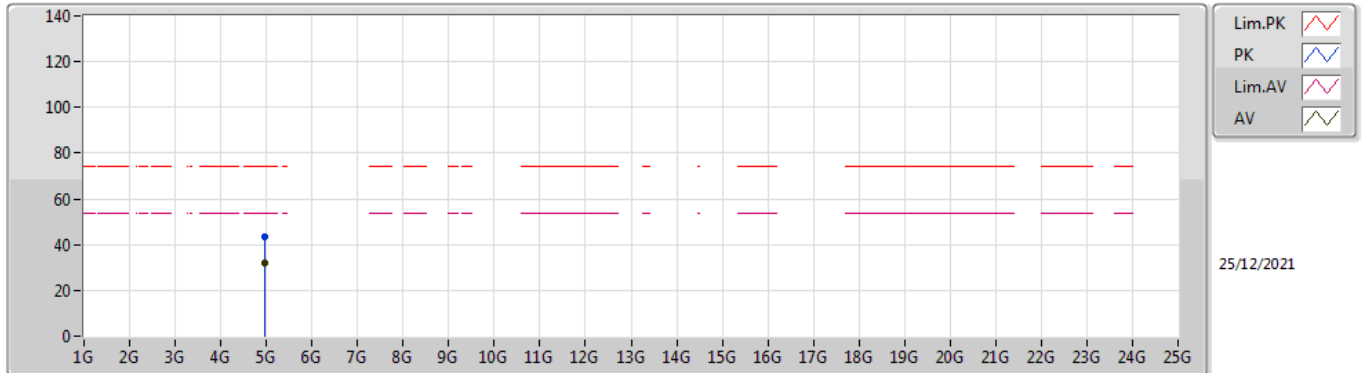
2480MHz_TX



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	4.95905G	31.67	54.00	-22.33	6.32	3	Vertical	71	1.50	-	25.35	31.42	9.02	34.12
PK	4.95892G	42.61	74.00	-31.39	6.32	3	Vertical	71	1.50	-	36.29	31.42	9.02	34.12

BT-LE(2Mbps)

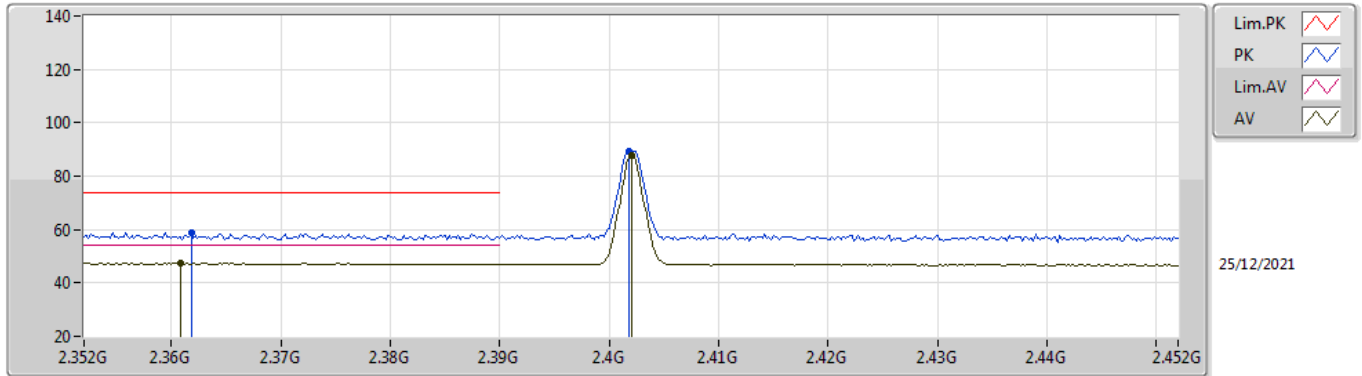
2480MHz_TX



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	4.96092G	31.73	54.00	-22.27	6.32	3	Horizontal	316	1.50	-	25.41	31.42	9.02	34.12
PK	4.96096G	43.23	74.00	-30.77	6.32	3	Horizontal	316	1.50	-	36.91	31.42	9.02	34.12

BT-LE(125kbps)

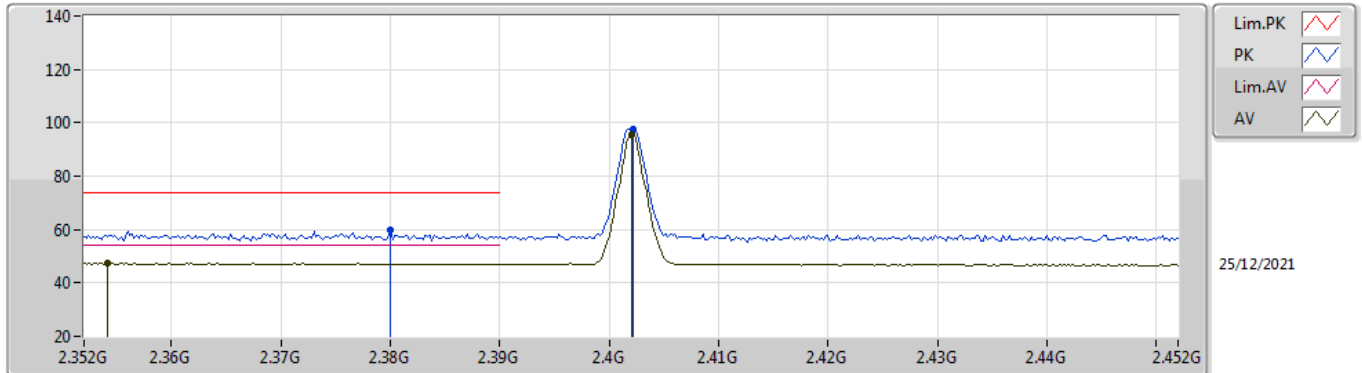
2402MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3608G	47.40	54.00	-6.60	35.02	3	Vertical	90	2.80	-	12.38	27.78	7.24	-
AV	2.402G	87.67	Inf	-Inf	34.95	3	Vertical	90	2.80	-	52.72	27.69	7.26	-
PK	2.3618G	58.94	74.00	-15.06	35.02	3	Vertical	90	2.80	-	23.92	27.78	7.24	-
PK	2.4018G	89.53	Inf	-Inf	34.95	3	Vertical	90	2.80	-	54.58	27.69	7.26	-

BT-LE(125kbps)

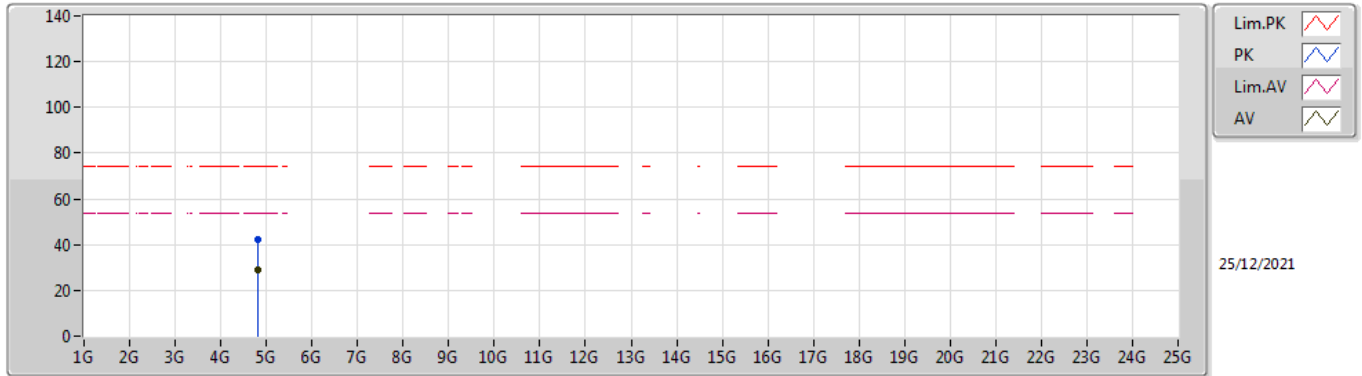
2402MHz_TX



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	2.3542G	47.46	54.00	-6.54	35.03	3	Horizontal	173	2.93	-	12.43	27.79	7.24	-
AV	2.402G	95.61	Inf	-Inf	34.95	3	Horizontal	173	2.93	-	60.66	27.69	7.26	-
PK	2.38G	59.81	74.00	-14.19	34.99	3	Horizontal	173	2.93	-	24.82	27.74	7.25	-
PK	2.402G	97.43	Inf	-Inf	34.95	3	Horizontal	173	2.93	-	62.48	27.69	7.26	-

BT-LE(125kbps)

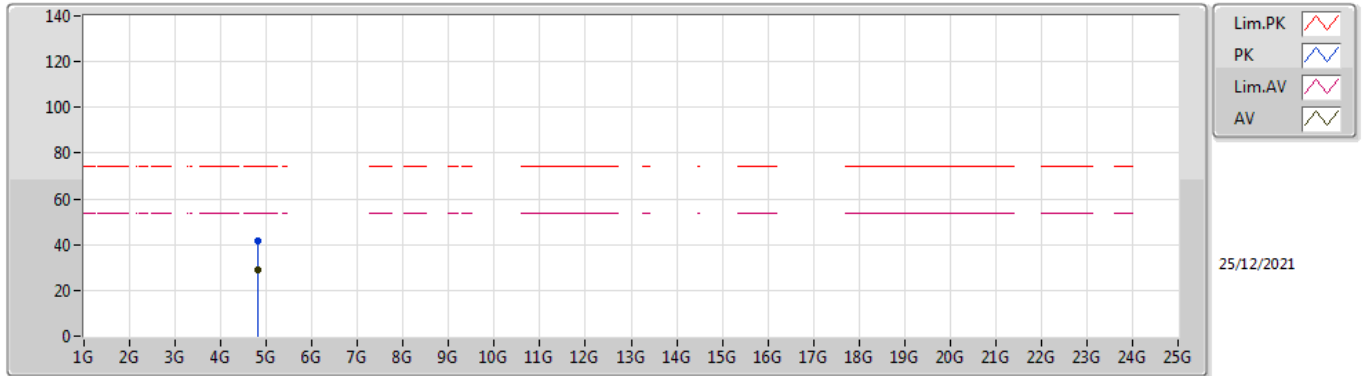
2402MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8025G	28.96	54.00	-25.04	5.82	3	Vertical	73	1.50	-	23.14	31.11	8.90	34.19
PK	4.80362G	42.17	74.00	-31.83	5.82	3	Vertical	73	1.50	-	36.35	31.11	8.90	34.19

BT-LE(125kbps)

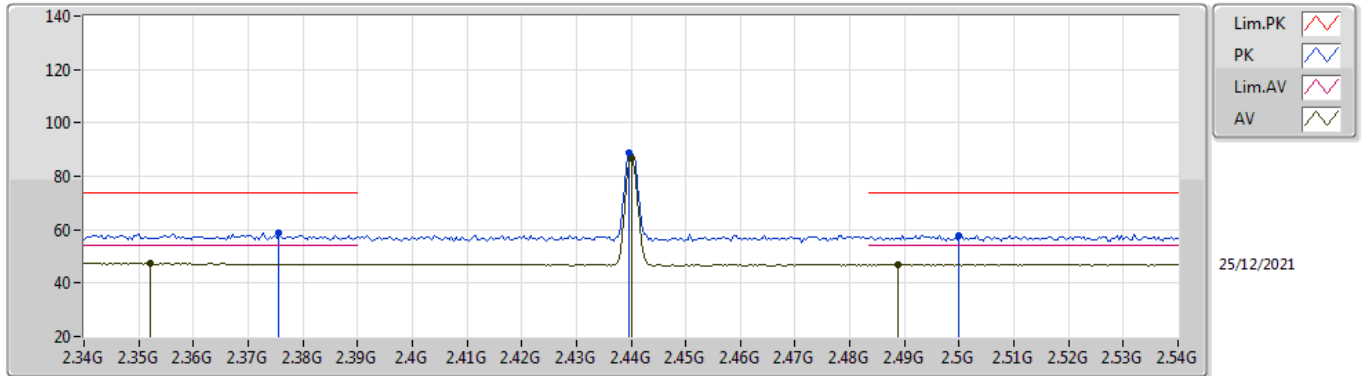
2402MHz_TX



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	4.80267G	28.92	54.00	-25.08	5.82	3	Horizontal	139	1.50	-	23.10	31.11	8.90	34.19
PK	4.803G	41.89	74.00	-32.11	5.82	3	Horizontal	139	1.50	-	36.07	31.11	8.90	34.19

BT-LE(125kbps)

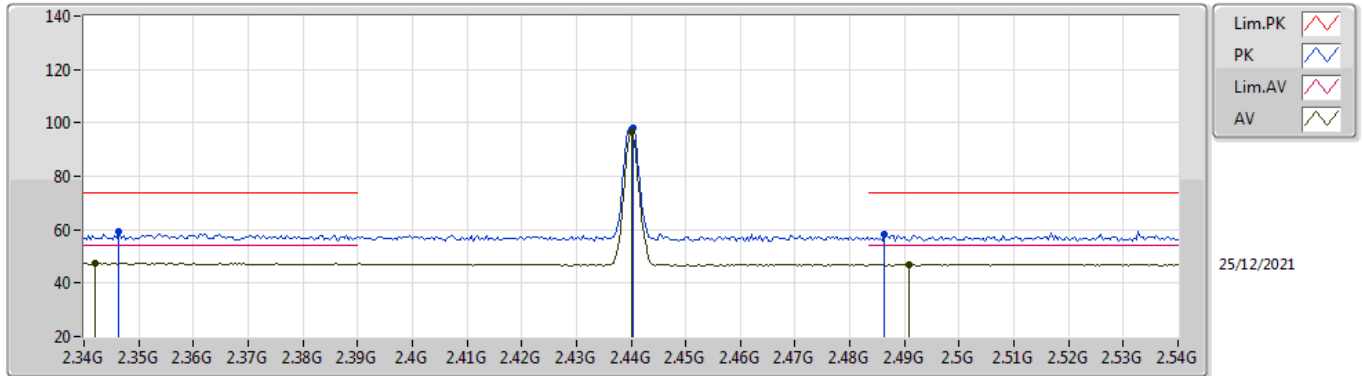
2440MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.352G	47.35	54.00	-6.65	35.04	3	Vertical	79	2.19	-	12.31	27.80	7.24	-
AV	2.44G	86.67	Inf	-Inf	34.75	3	Vertical	79	2.19	-	51.92	27.46	7.29	-
AV	2.4888G	46.87	54.00	-7.13	34.73	3	Vertical	79	2.19	-	12.14	27.40	7.33	-
PK	2.3756G	58.69	74.00	-15.31	35.00	3	Vertical	79	2.19	-	23.69	27.75	7.25	-
PK	2.4396G	88.57	Inf	-Inf	34.75	3	Vertical	79	2.19	-	53.82	27.46	7.29	-
PK	2.5G	57.82	74.00	-16.18	34.74	3	Vertical	79	2.19	-	23.08	27.40	7.34	-

BT-LE(125kbps)

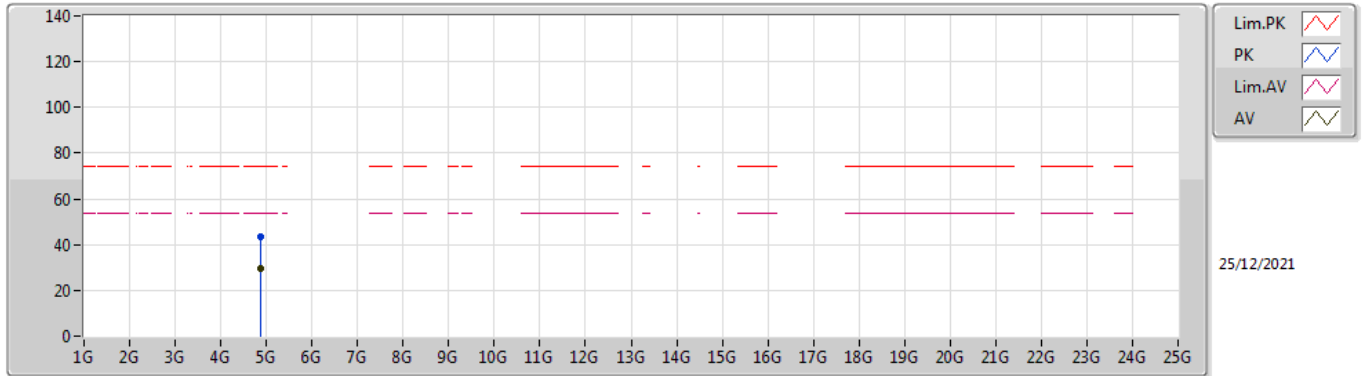
2440MHz_TX



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	2.342G	47.39	54.00	-6.61	35.05	3	Horizontal	183	2.02	-	12.34	27.82	7.23	-
AV	2.44G	96.38	Inf	-Inf	34.75	3	Horizontal	183	2.02	-	61.63	27.46	7.29	-
AV	2.4908G	46.83	54.00	-7.17	34.73	3	Horizontal	183	2.02	-	12.10	27.40	7.33	-
PK	2.3464G	59.24	74.00	-14.76	35.05	3	Horizontal	183	2.02	-	24.19	27.81	7.24	-
PK	2.4404G	98.24	Inf	-Inf	34.75	3	Horizontal	183	2.02	-	63.49	27.46	7.29	-
PK	2.4864G	58.22	74.00	-15.78	34.73	3	Horizontal	183	2.02	-	23.49	27.40	7.33	-

BT-LE(125kbps)

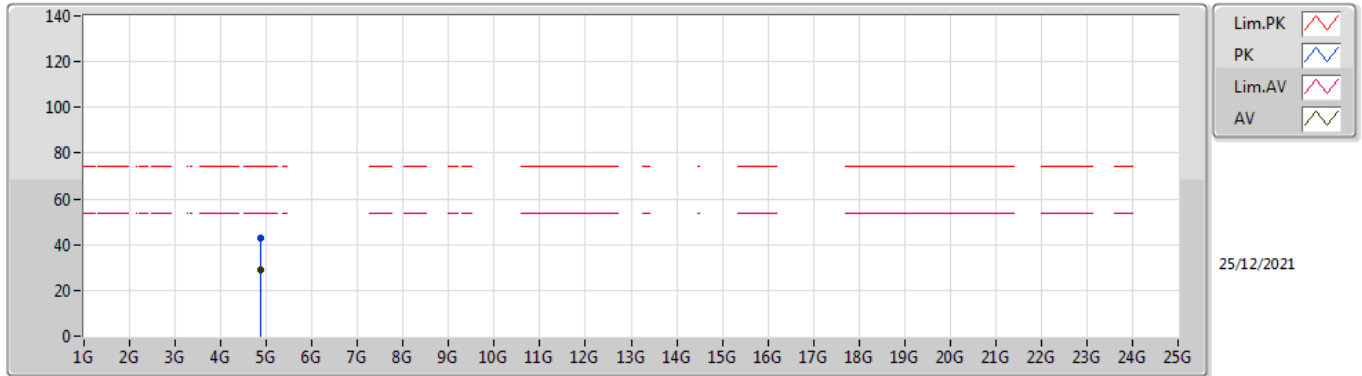
2440MHz_TX



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	4.87951G	29.30	54.00	-24.70	6.00	3	Vertical	222	1.50	-	23.30	31.20	8.96	34.16
PK	4.87921G	43.20	74.00	-30.80	6.00	3	Vertical	222	1.50	-	37.20	31.20	8.96	34.16

BT-LE(125kbps)

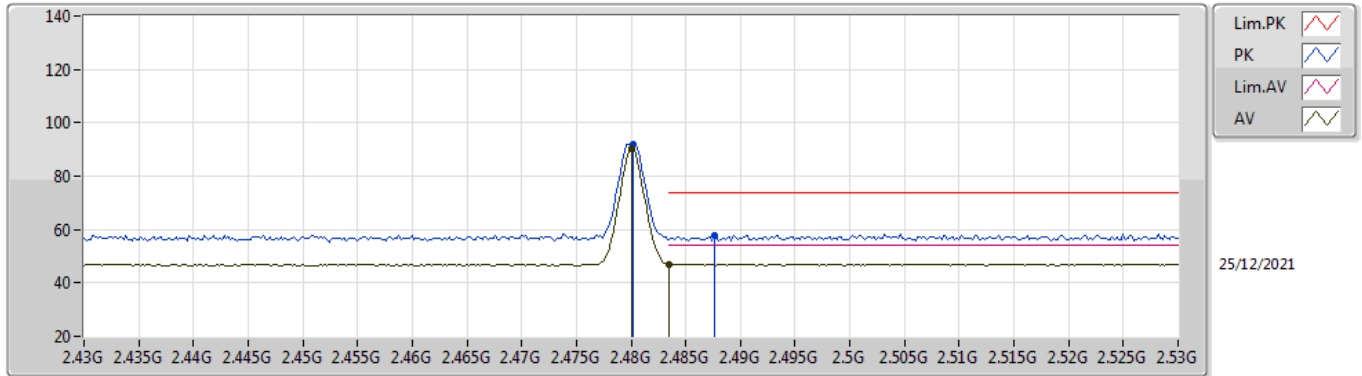
2440MHz_TX



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	4.88137G	29.19	54.00	-24.81	6.00	3	Horizontal	358	1.50	-	23.19	31.20	8.96	34.16
PK	4.881G	42.73	74.00	-31.27	6.00	3	Horizontal	358	1.50	-	36.73	31.20	8.96	34.16

BT-LE(125kbps)

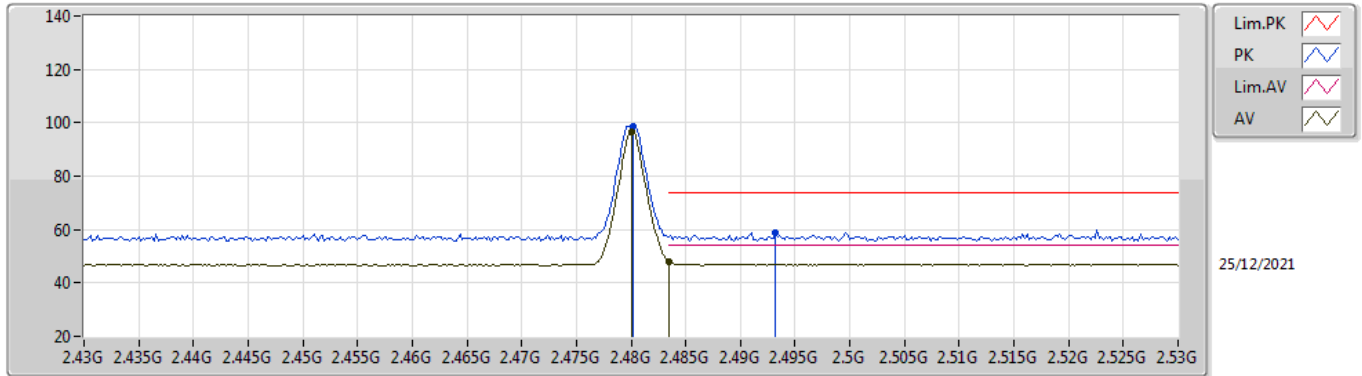
2480MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.48G	90.14	Inf	-Inf	34.72	3	Vertical	94	2.91	-	55.42	27.40	7.32	-
AV	2.4835G	47.07	54.00	-6.93	34.73	3	Vertical	94	2.91	-	12.34	27.40	7.33	-
PK	2.4802G	92.00	Inf	-Inf	34.72	3	Vertical	94	2.91	-	57.28	27.40	7.32	-
PK	2.4876G	57.90	74.00	-16.10	34.73	3	Vertical	94	2.91	-	23.17	27.40	7.33	-

BT-LE(125kbps)

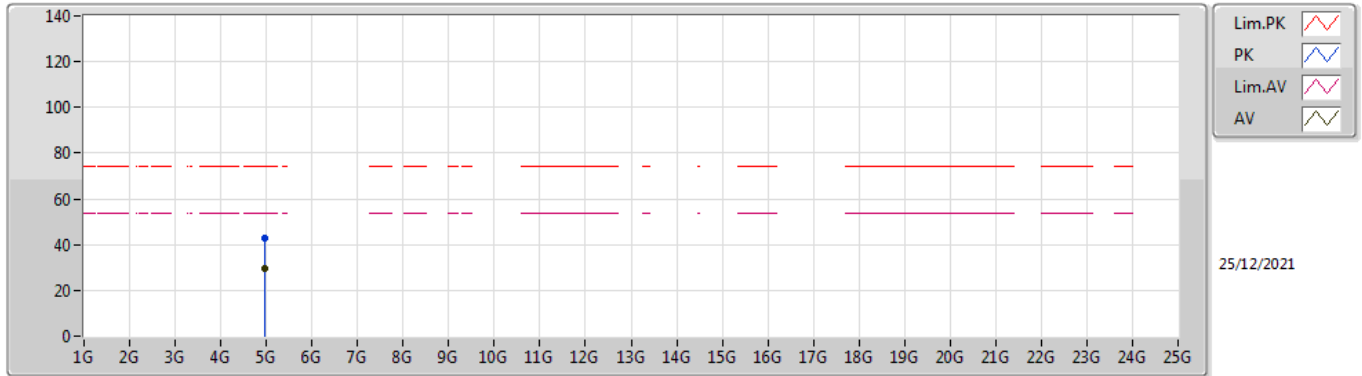
2480MHz_TX



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	96.80	Inf	-Inf	34.72	3	Horizontal	191	2.00	-	62.08	27.40	7.32	-
AV	2.4835G	47.99	54.00	-6.01	34.73	3	Horizontal	191	2.00	-	13.26	27.40	7.33	-
PK	2.4802G	98.67	Inf	-Inf	34.72	3	Horizontal	191	2.00	-	63.95	27.40	7.32	-
PK	2.4932G	58.70	74.00	-15.30	34.73	3	Horizontal	191	2.00	-	23.97	27.40	7.33	-

BT-LE(125kbps)

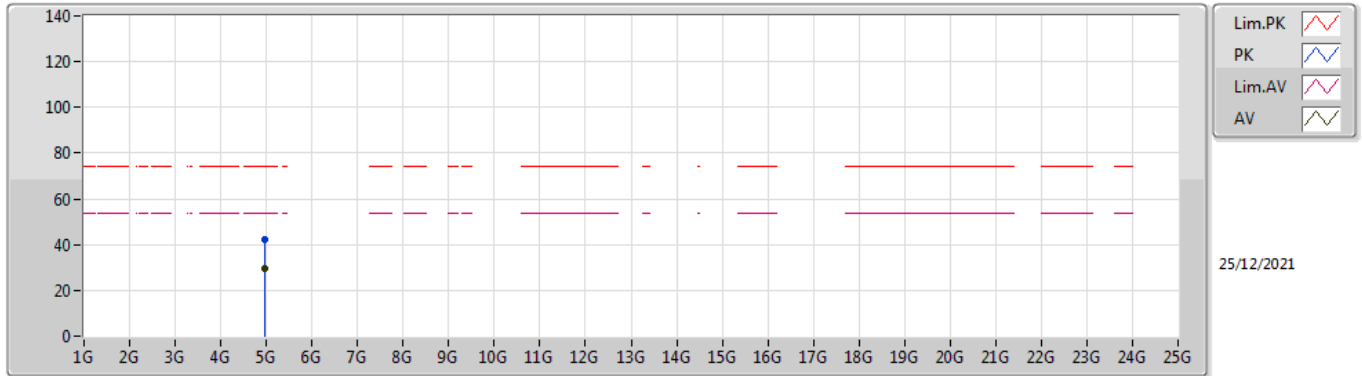
2480MHz_TX



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	4.95854G	29.43	54.00	-24.57	6.32	3	Vertical	130	1.50	-	23.11	31.42	9.02	34.12
PK	4.96119G	42.62	74.00	-31.38	6.32	3	Vertical	130	1.50	-	36.30	31.42	9.02	34.12

BT-LE(125kbps)

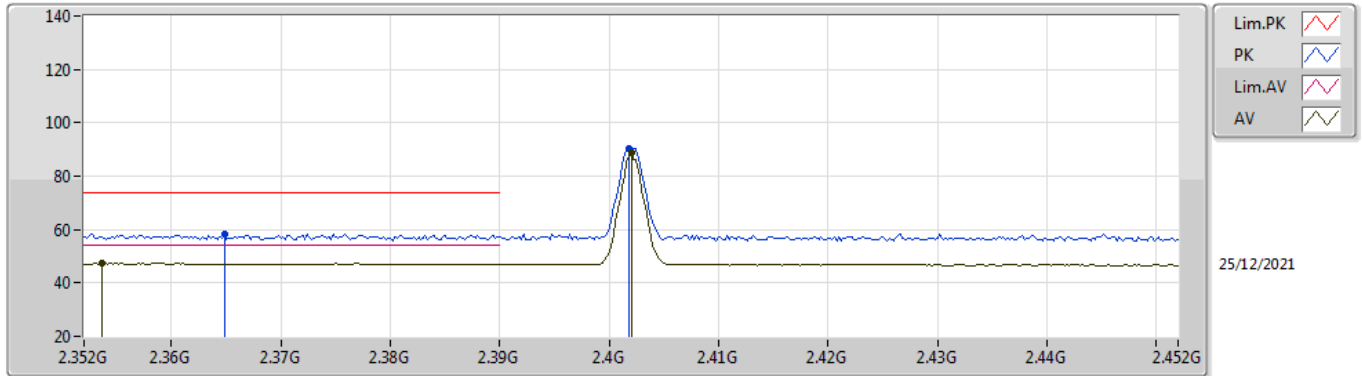
2480MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.95922G	29.40	54.00	-24.60	6.32	3	Horizontal	33	1.50	-	23.08	31.42	9.02	34.12
PK	4.96126G	42.46	74.00	-31.54	6.32	3	Horizontal	33	1.50	-	36.14	31.42	9.02	34.12

BT-LE(500kbps)

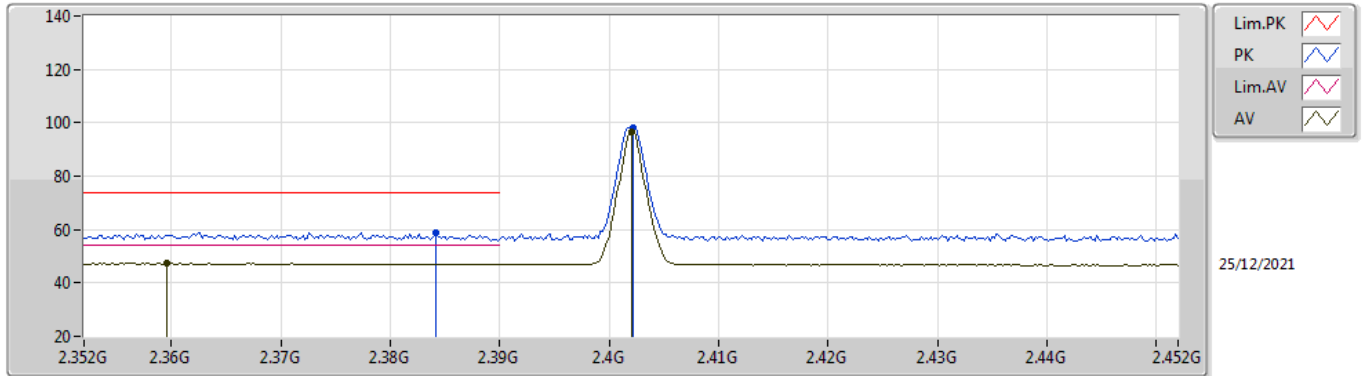
2402MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3536G	47.32	54.00	-6.68	35.03	3	Vertical	104	2.81	-	12.29	27.79	7.24	-
AV	2.402G	88.58	Inf	-Inf	34.95	3	Vertical	104	2.81	-	53.63	27.69	7.26	-
PK	2.3648G	58.44	74.00	-15.56	35.01	3	Vertical	104	2.81	-	23.43	27.77	7.24	-
PK	2.4018G	90.35	Inf	-Inf	34.95	3	Vertical	104	2.81	-	55.40	27.69	7.26	-

BT-LE(500kbps)

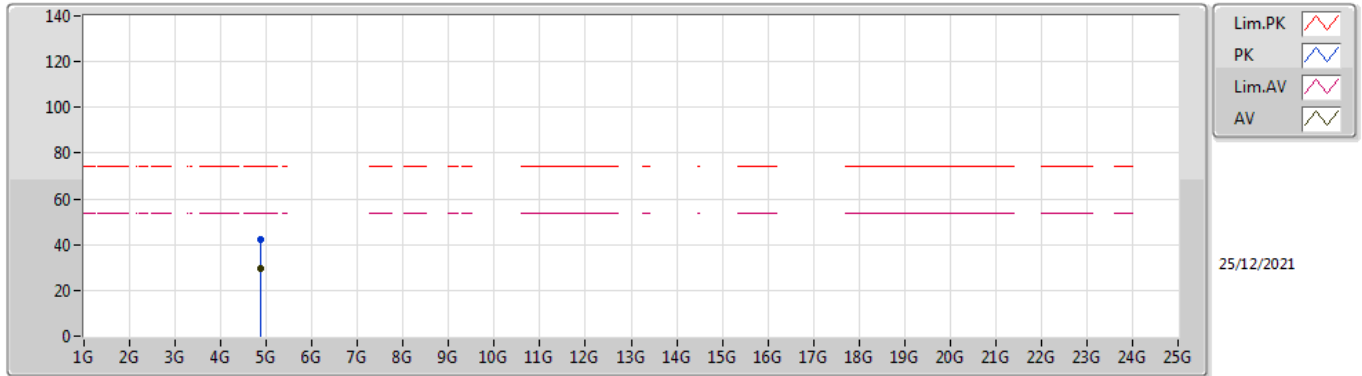
2402MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3596G	47.30	54.00	-6.70	35.02	3	Horizontal	174	2.93	-	12.28	27.78	7.24	-
AV	2.402G	96.32	Inf	-Inf	34.95	3	Horizontal	174	2.93	-	61.37	27.69	7.26	-
PK	2.3842G	58.91	74.00	-15.09	34.98	3	Horizontal	174	2.93	-	23.93	27.73	7.25	-
PK	2.4022G	98.19	Inf	-Inf	34.95	3	Horizontal	174	2.93	-	63.24	27.69	7.26	-

BT-LE(500kbps)

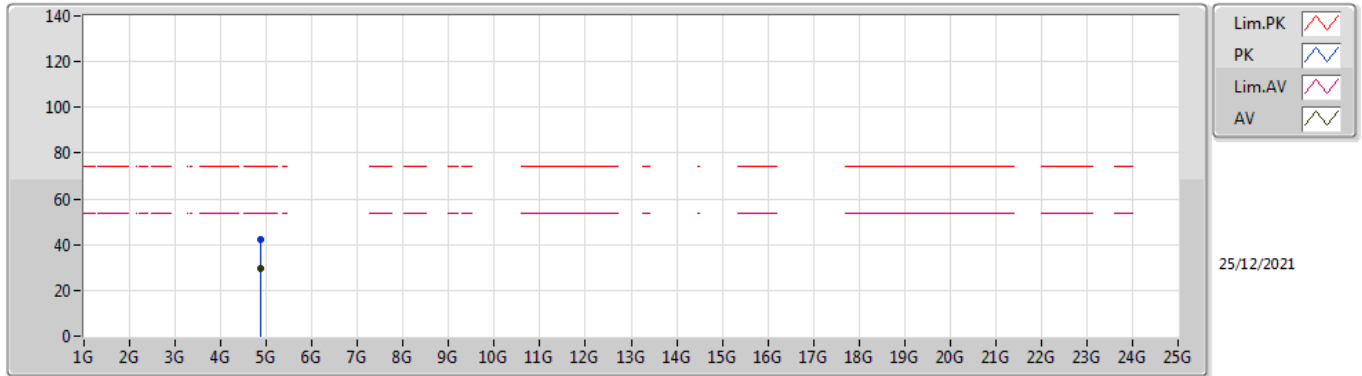
2402MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8802G	29.27	54.00	-24.73	6.00	3	Vertical	34	1.50	-	23.27	31.20	8.96	34.16
PK	4.8794G	42.40	74.00	-31.60	6.00	3	Vertical	34	1.50	-	36.40	31.20	8.96	34.16

BT-LE(500kbps)

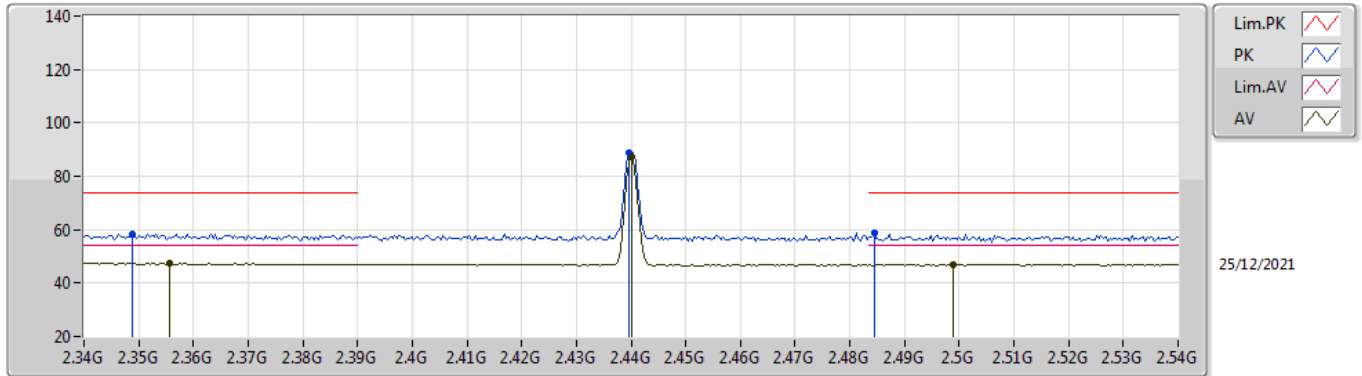
2402MHz_TX



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	4.87938G	29.42	54.00	-24.58	6.00	3	Horizontal	342	1.50	-	23.42	31.20	8.96	34.16
PK	4.8794G	42.49	74.00	-31.51	6.00	3	Horizontal	342	1.50	-	36.49	31.20	8.96	34.16

BT-LE(500kbps)

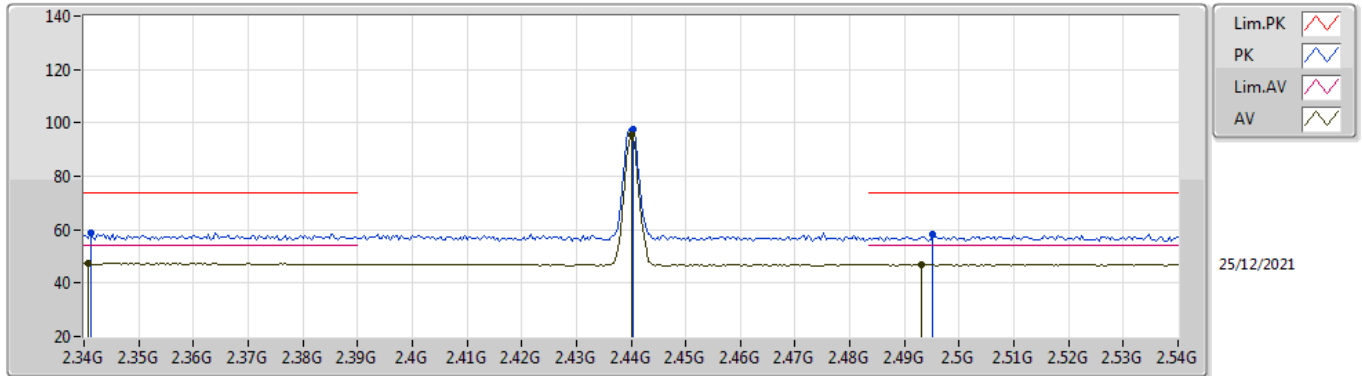
2440MHz_TX



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	2.3556G	47.48	54.00	-6.52	35.03	3	Vertical	269	2.93	-	12.45	27.79	7.24	-
AV	2.44G	87.23	Inf	-Inf	34.75	3	Vertical	269	2.93	-	52.48	27.46	7.29	-
AV	2.4988G	46.96	54.00	-7.04	34.74	3	Vertical	269	2.93	-	12.22	27.40	7.34	-
PK	2.3488G	58.23	74.00	-15.77	35.04	3	Vertical	269	2.93	-	23.19	27.80	7.24	-
PK	2.4396G	89.05	Inf	-Inf	34.75	3	Vertical	269	2.93	-	54.30	27.46	7.29	-
PK	2.4844G	58.73	74.00	-15.27	34.73	3	Vertical	269	2.93	-	24.00	27.40	7.33	-

BT-LE(500kbps)

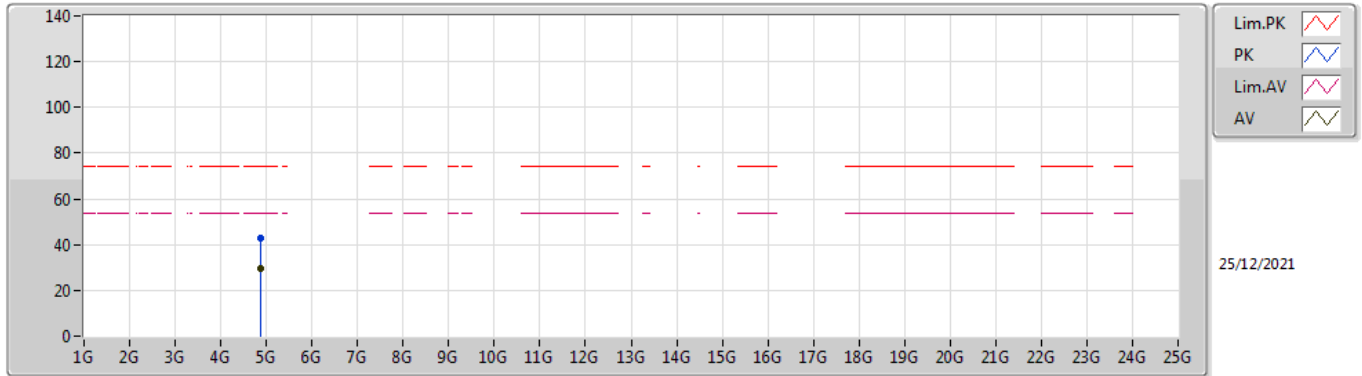
2440MHz_TX



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	2.3408G	47.37	54.00	-6.63	35.05	3	Horizontal	172	2.85	-	12.32	27.82	7.23	-
AV	2.44G	95.57	Inf	-Inf	34.75	3	Horizontal	172	2.85	-	60.82	27.46	7.29	-
AV	2.4932G	46.88	54.00	-7.12	34.73	3	Horizontal	172	2.85	-	12.15	27.40	7.33	-
PK	2.3412G	58.86	74.00	-15.14	35.05	3	Horizontal	172	2.85	-	23.81	27.82	7.23	-
PK	2.4404G	97.47	Inf	-Inf	34.75	3	Horizontal	172	2.85	-	62.72	27.46	7.29	-
PK	2.4952G	58.04	74.00	-15.96	34.74	3	Horizontal	172	2.85	-	23.30	27.40	7.34	-

BT-LE(500kbps)

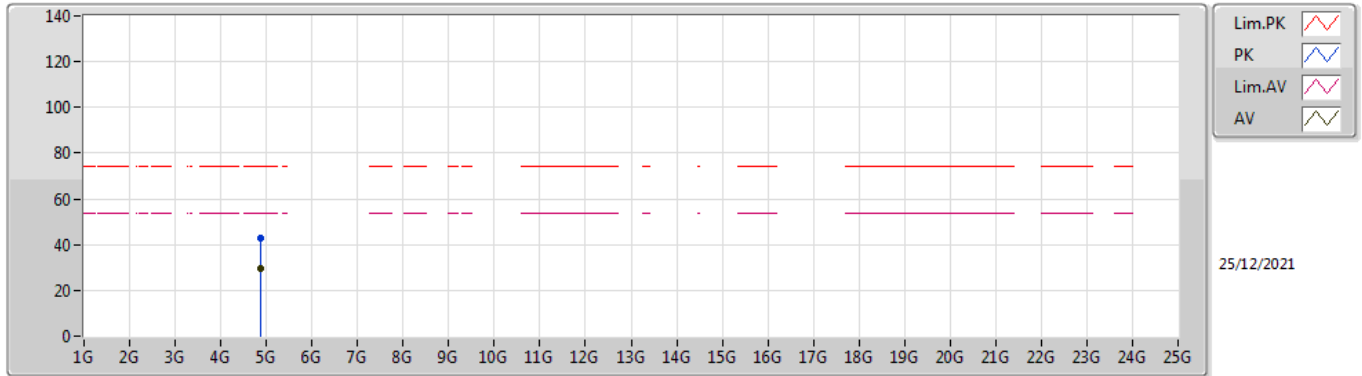
2440MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8796G	29.37	54.00	-24.63	6.00	3	Vertical	1	3.00	-	23.37	31.20	8.96	34.16
PK	4.88073G	42.58	74.00	-31.42	6.00	3	Vertical	1	3.00	-	36.58	31.20	8.96	34.16

BT-LE(500kbps)

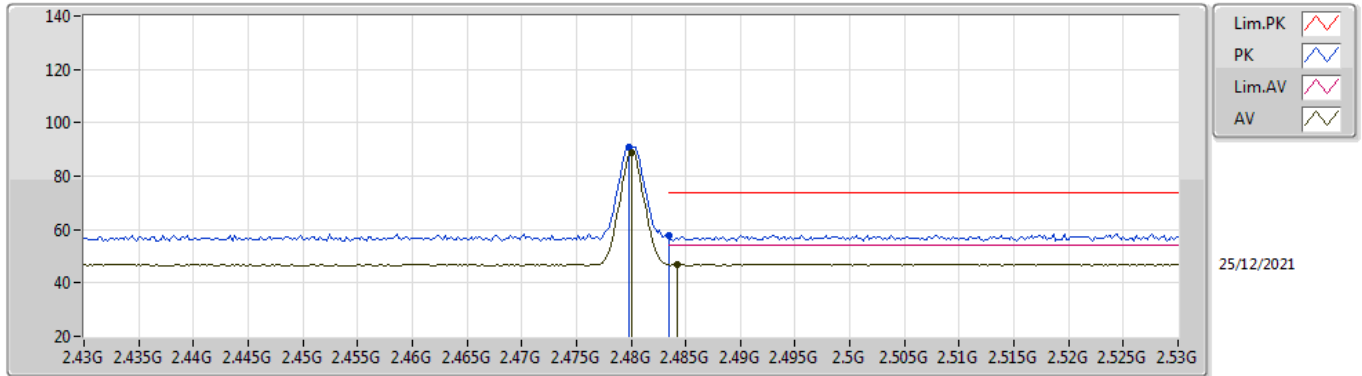
2440MHz_TX



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	4.87893G	29.28	54.00	-24.72	6.00	3	Horizontal	342	1.50	-	23.28	31.20	8.96	34.16
PK	4.87981G	42.59	74.00	-31.41	6.00	3	Horizontal	342	1.50	-	36.59	31.20	8.96	34.16

BT-LE(500kbps)

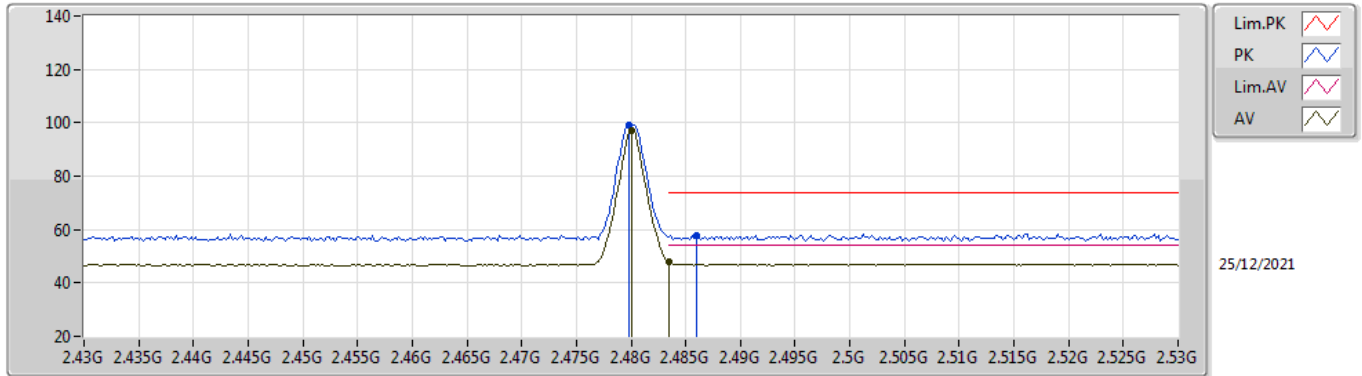
2480MHz_TX



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	88.92	Inf	-Inf	34.72	3	Vertical	96	2.24	-	54.20	27.40	7.32	-
AV	2.4842G	46.89	54.00	-7.11	34.73	3	Vertical	96	2.24	-	12.16	27.40	7.33	-
PK	2.4798G	90.79	Inf	-Inf	34.72	3	Vertical	96	2.24	-	56.07	27.40	7.32	-
PK	2.4835G	57.88	74.00	-16.12	34.73	3	Vertical	96	2.24	-	23.15	27.40	7.33	-

BT-LE(500kbps)

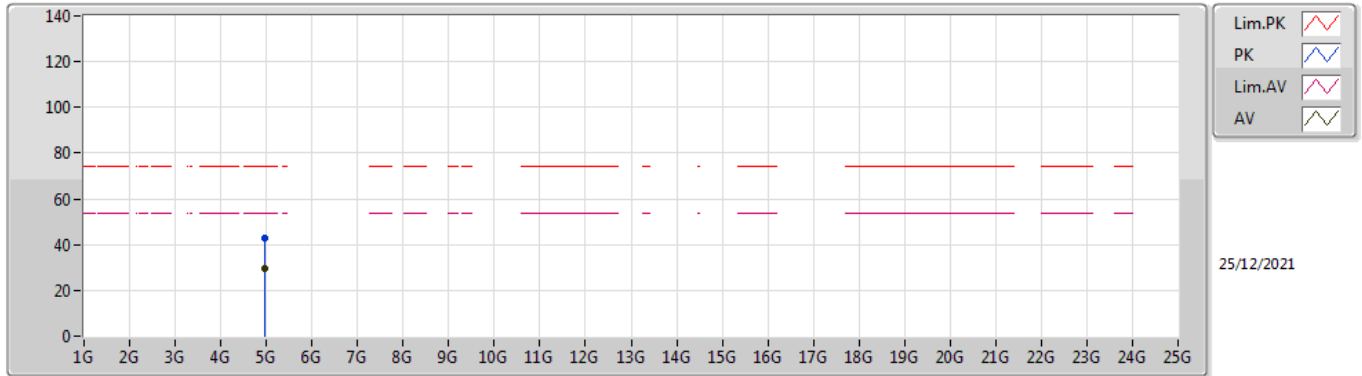
2480MHz_TX



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	97.22	Inf	-Inf	34.72	3	Horizontal	185	2.64	-	62.50	27.40	7.32	-
AV	2.4835G	47.99	54.00	-6.01	34.73	3	Horizontal	185	2.64	-	13.26	27.40	7.33	-
PK	2.4798G	98.91	Inf	-Inf	34.72	3	Horizontal	185	2.64	-	64.19	27.40	7.32	-
PK	2.486G	58.00	74.00	-16.00	34.73	3	Horizontal	185	2.64	-	23.27	27.40	7.33	-

BT-LE(500kbps)

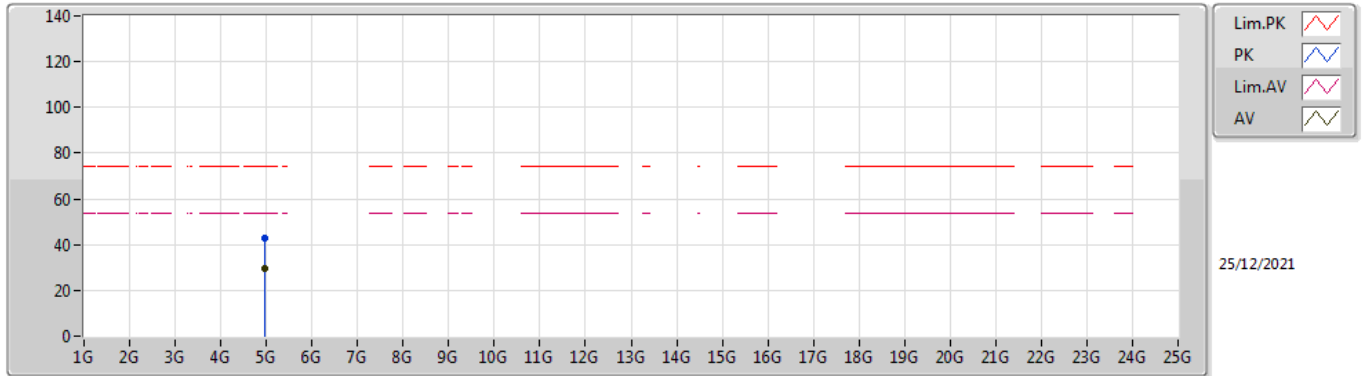
2480MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.96007G	29.54	54.00	-24.46	6.32	3	Vertical	149	1.73	-	23.22	31.42	9.02	34.12
PK	4.95912G	43.14	74.00	-30.86	6.32	3	Vertical	149	1.73	-	36.82	31.42	9.02	34.12

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	4.96001G	29.52	54.00	-24.48	6.32	3	Horizontal	77	1.58	-	23.20	31.42	9.02	34.12
PK	4.95983G	43.04	74.00	-30.96	6.32	3	Horizontal	77	1.58	-	36.72	31.42	9.02	34.12



Summary

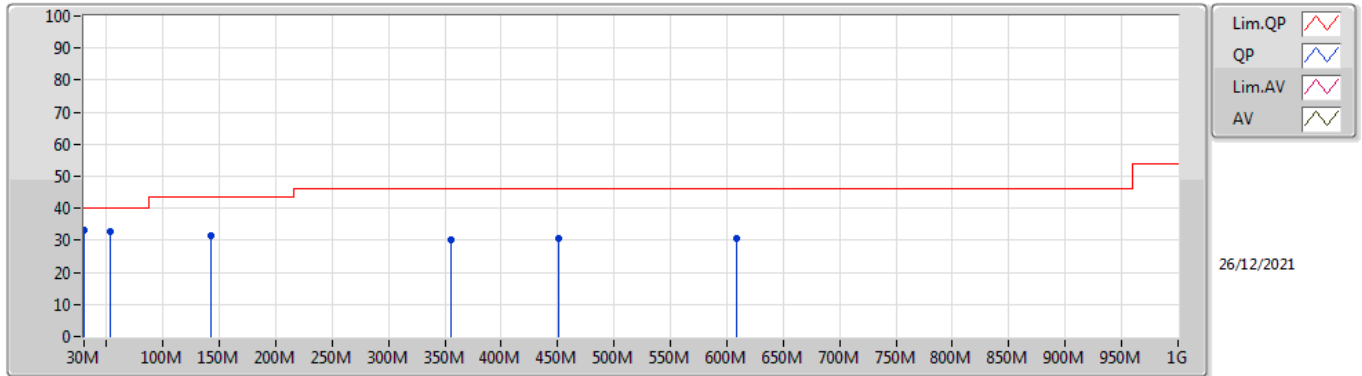
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
BT-LE(2Mbps)	Pass	PK	30M	33.04	40.00	-6.96	3	Vertical	360	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-	-	-
2440MHz	Pass	PK	30M	33.04	40.00	-6.96	3	Vertical	360	1.00	-
2440MHz	Pass	PK	53.28M	32.83	40.00	-7.17	3	Vertical	360	1.00	-
2440MHz	Pass	PK	142.52M	31.66	43.50	-11.84	3	Vertical	360	1.00	-
2440MHz	Pass	PK	355.92M	30.35	46.00	-15.65	3	Vertical	360	1.00	-
2440MHz	Pass	PK	450.98M	30.66	46.00	-15.34	3	Vertical	360	1.00	-
2440MHz	Pass	PK	608.12M	30.73	46.00	-15.27	3	Vertical	360	1.00	-
2440MHz	Pass	PK	47.46M	30.78	40.00	-9.22	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	150.28M	29.39	43.50	-14.11	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	268.62M	29.39	46.00	-16.61	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	355.92M	33.21	46.00	-12.79	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	470.38M	29.23	46.00	-16.77	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	674.08M	30.60	46.00	-15.40	3	Horizontal	0	1.00	-

BT-LE(2Mbps)RX

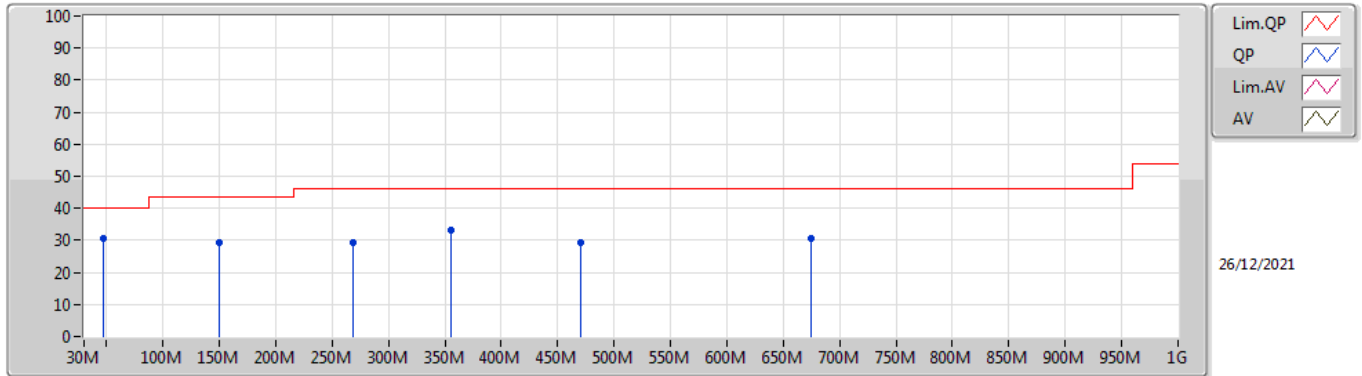
2440MHz_Switching Power Supply



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	30M	33.04	40.00	-6.96	-2.87	3	Vertical	360	1.00	-	35.91	23.26	0.86	26.99
PK	53.28M	32.83	40.00	-7.17	-14.42	3	Vertical	360	1.00	-	47.25	12.22	1.09	27.73
PK	142.52M	31.66	43.50	-11.84	-9.75	3	Vertical	360	1.00	-	41.41	16.18	1.66	27.59
PK	355.92M	30.35	46.00	-15.65	-5.00	3	Vertical	360	1.00	-	35.35	19.81	2.57	27.38
PK	450.98M	30.66	46.00	-15.34	-3.25	3	Vertical	360	1.00	-	33.91	21.93	2.90	28.08
PK	608.12M	30.73	46.00	-15.27	-0.99	3	Vertical	360	1.00	-	31.72	24.02	3.38	28.39

BT-LE(2Mbps)RX

2440MHz_Switching Power Supply



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	47.46M	30.78	40.00	-9.22	-12.45	3	Horizontal	0	1.00	-	43.23	14.15	1.04	27.64
PK	150.28M	29.39	43.50	-14.11	-10.25	3	Horizontal	0	1.00	-	39.64	15.60	1.71	27.56
PK	268.62M	29.39	46.00	-16.61	-6.59	3	Horizontal	0	1.00	-	35.98	18.21	2.23	27.03
PK	355.92M	33.21	46.00	-12.79	-5.00	3	Horizontal	0	1.00	-	38.21	19.81	2.57	27.38
PK	470.38M	29.23	46.00	-16.77	-2.71	3	Horizontal	0	1.00	-	31.94	22.50	2.97	28.18
PK	674.08M	30.60	46.00	-15.40	-0.50	3	Horizontal	0	1.00	-	31.10	24.20	3.52	28.22



Summary

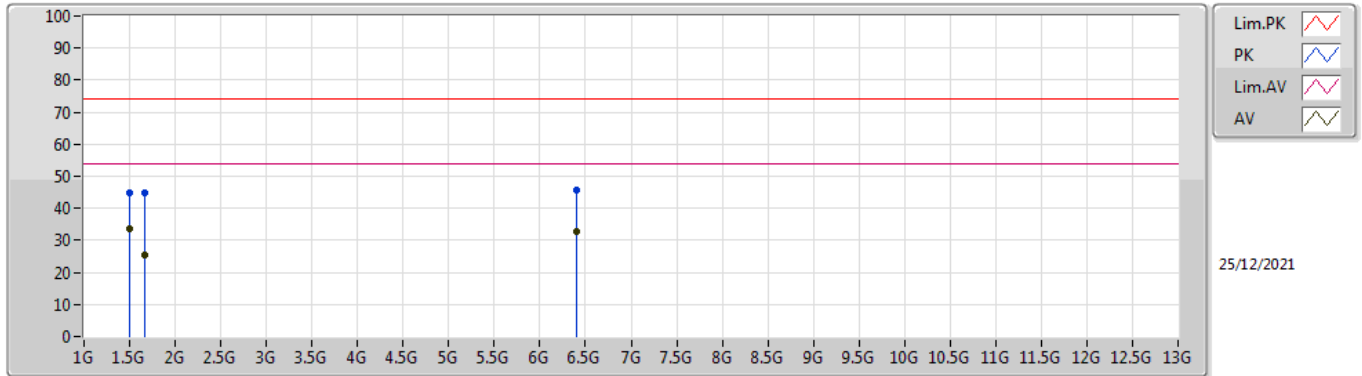
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
BT-LE(2Mbps)	Pass	AV	1.492G	34.06	54.00	-19.94	3	Horizontal	0	1.00	-

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	AV	1.492G	33.64	54.00	-20.36	3	Vertical	360	1.00	-
2440MHz	Pass	AV	1.672G	25.29	54.00	-28.71	3	Vertical	360	1.00	-
2440MHz	Pass	AV	6.4G	32.58	54.00	-21.42	3	Vertical	360	1.00	-
2440MHz	Pass	PK	1.492G	44.72	74.00	-29.28	3	Vertical	360	1.00	-
2440MHz	Pass	PK	1.672G	44.98	74.00	-29.02	3	Vertical	360	1.00	-
2440MHz	Pass	PK	6.4G	45.69	74.00	-28.31	3	Vertical	360	1.00	-
2440MHz	Pass	AV	1.492G	34.06	54.00	-19.94	3	Horizontal	0	1.00	-
2440MHz	Pass	AV	1.696G	33.04	54.00	-20.96	3	Horizontal	0	1.00	-
2440MHz	Pass	AV	4.792G	29.53	54.00	-24.47	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	1.492G	45.56	74.00	-28.44	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	1.696G	45.64	74.00	-28.36	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	4.792G	42.64	74.00	-31.36	3	Horizontal	0	1.00	-

BT-LE(2Mbps)RX

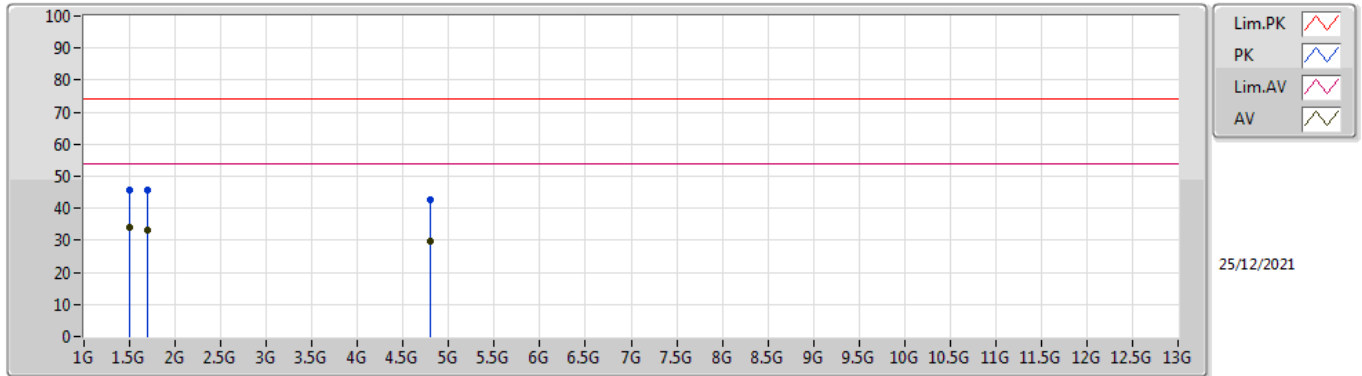
2440MHz_RX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	1.492G	33.64	54.00	-20.36	-2.78	3	Vertical	360	1.00	-	36.42	25.58	5.89	34.25
AV	1.672G	25.29	54.00	-28.71	-2.85	3	Vertical	360	1.00	-	28.14	25.01	6.34	34.20
AV	6.4G	32.58	54.00	-21.42	9.35	3	Vertical	360	1.00	-	23.23	33.50	10.10	34.25
PK	1.492G	44.72	74.00	-29.28	-2.78	3	Vertical	360	1.00	-	47.50	25.58	5.89	34.25
PK	1.672G	44.98	74.00	-29.02	-2.85	3	Vertical	360	1.00	-	47.83	25.01	6.34	34.20
PK	6.4G	45.69	74.00	-28.31	9.35	3	Vertical	360	1.00	-	36.34	33.50	10.10	34.25

BT-LE(2Mbps)RX

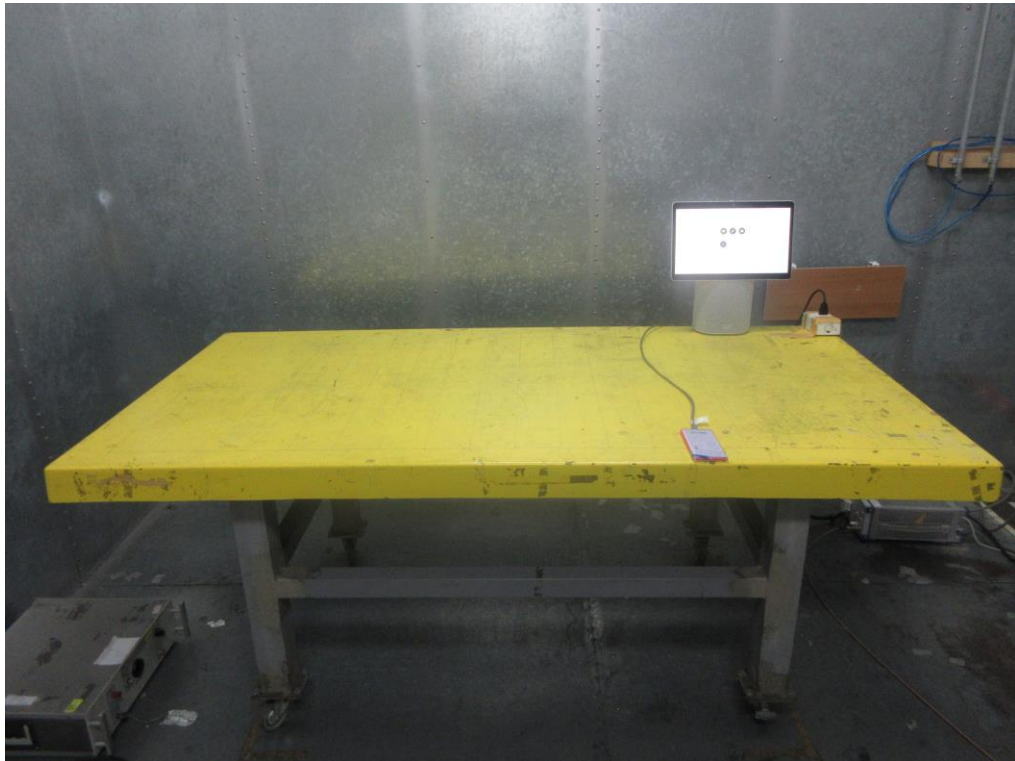
2440MHz_RX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	1.492G	34.06	54.00	-19.94	-2.78	3	Horizontal	0	1.00	-	36.84	25.58	5.89	34.25
AV	1.696G	33.04	54.00	-20.96	-2.88	3	Horizontal	0	1.00	-	35.92	24.92	6.39	34.19
AV	4.792G	29.53	54.00	-24.47	5.82	3	Horizontal	0	1.00	-	23.71	31.13	8.89	34.20
PK	1.492G	45.56	74.00	-28.44	-2.78	3	Horizontal	0	1.00	-	48.34	25.58	5.89	34.25
PK	1.696G	45.64	74.00	-28.36	-2.88	3	Horizontal	0	1.00	-	48.52	24.92	6.39	34.19
PK	4.792G	42.64	74.00	-31.36	5.82	3	Horizontal	0	1.00	-	36.82	31.13	8.89	34.20

1. Photographs of Conducted Emissions Test Configuration - TX

Front view



Side view

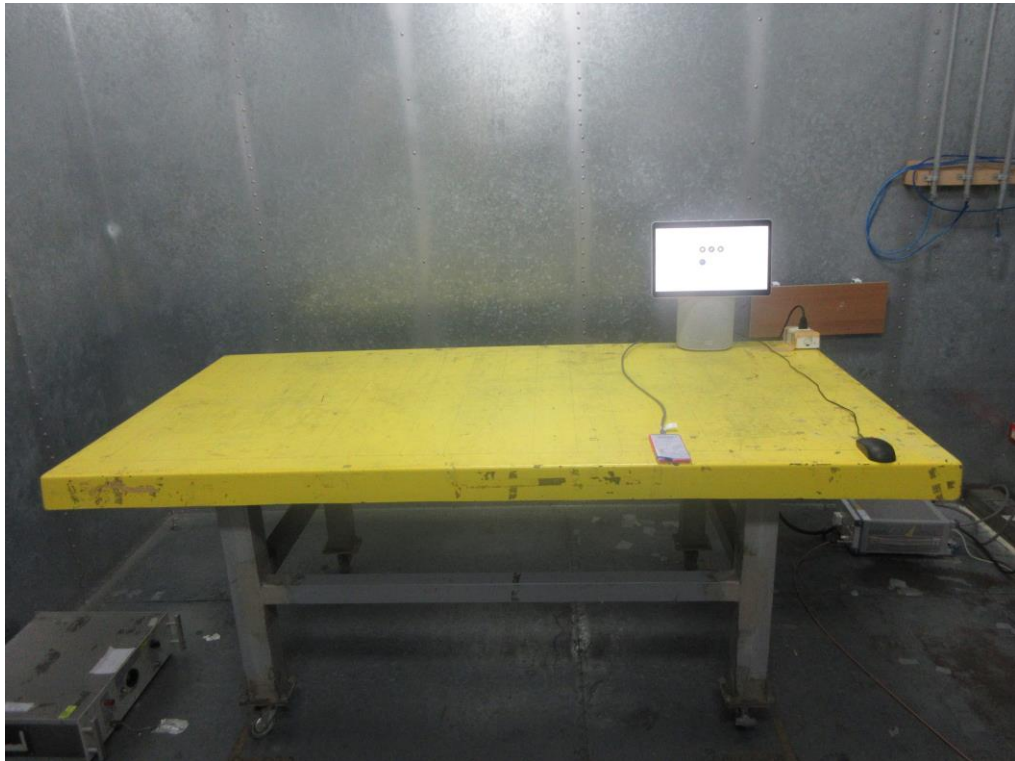


Under table view

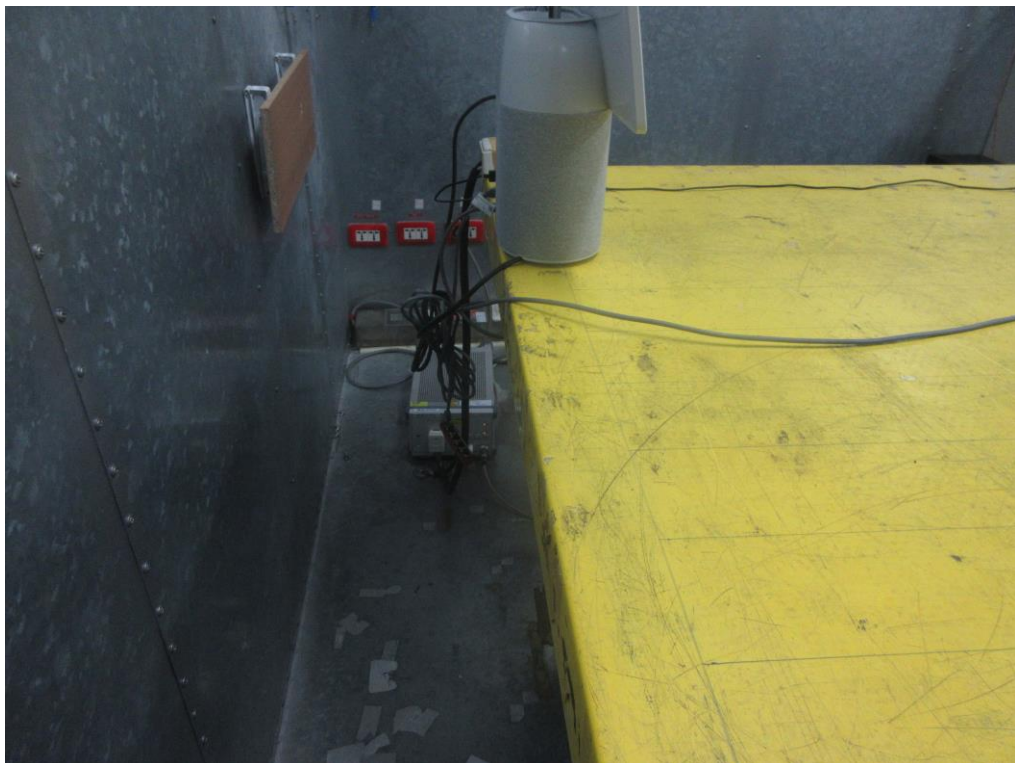


2. Photographs of Conducted Emissions Test Configuration - RX

Front view



Side view



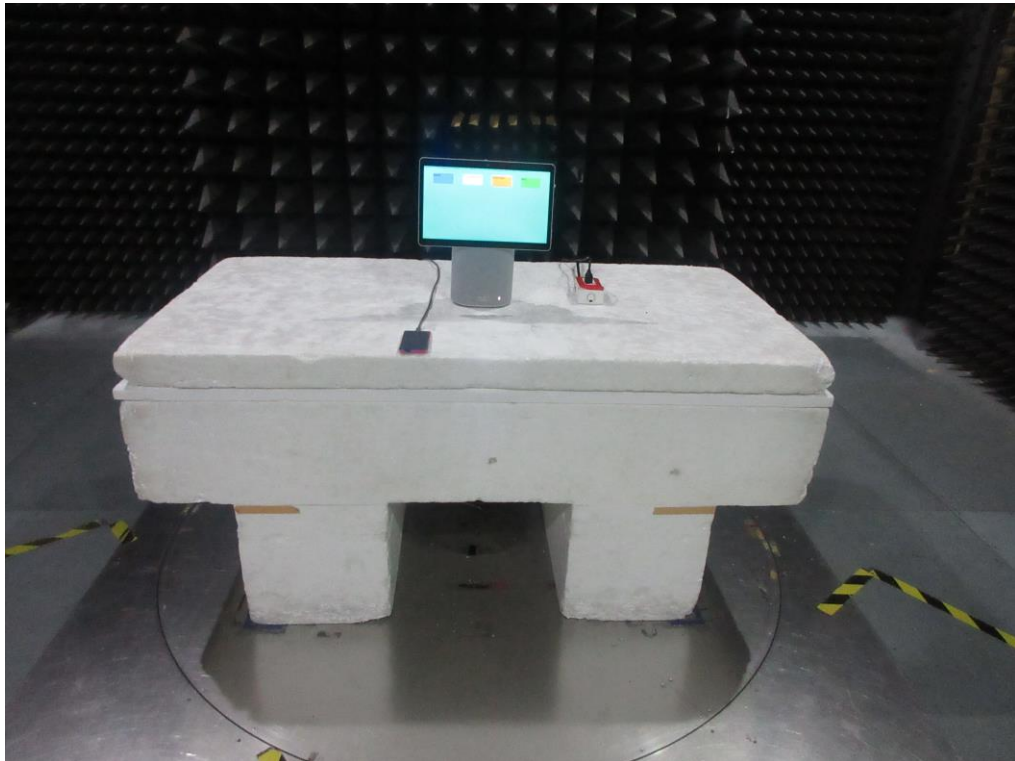
Under table view



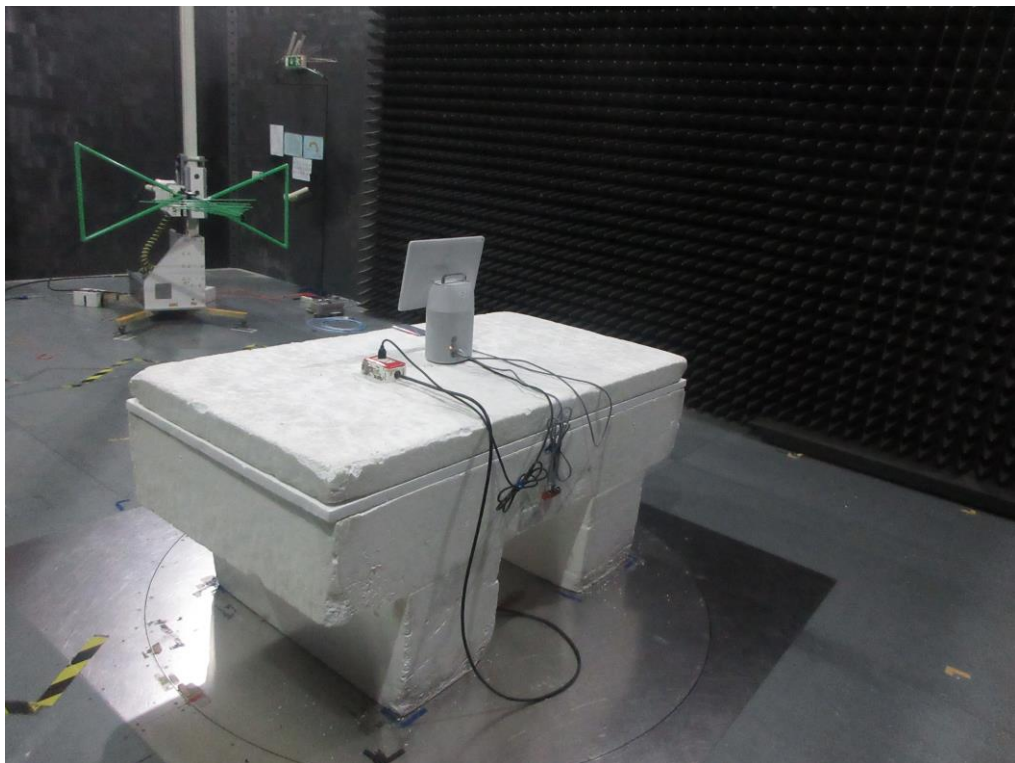
3. Photographs of Radiated Emissions Test Configuration - TX

For radiated emissions 30MHz~1GHz

Front view

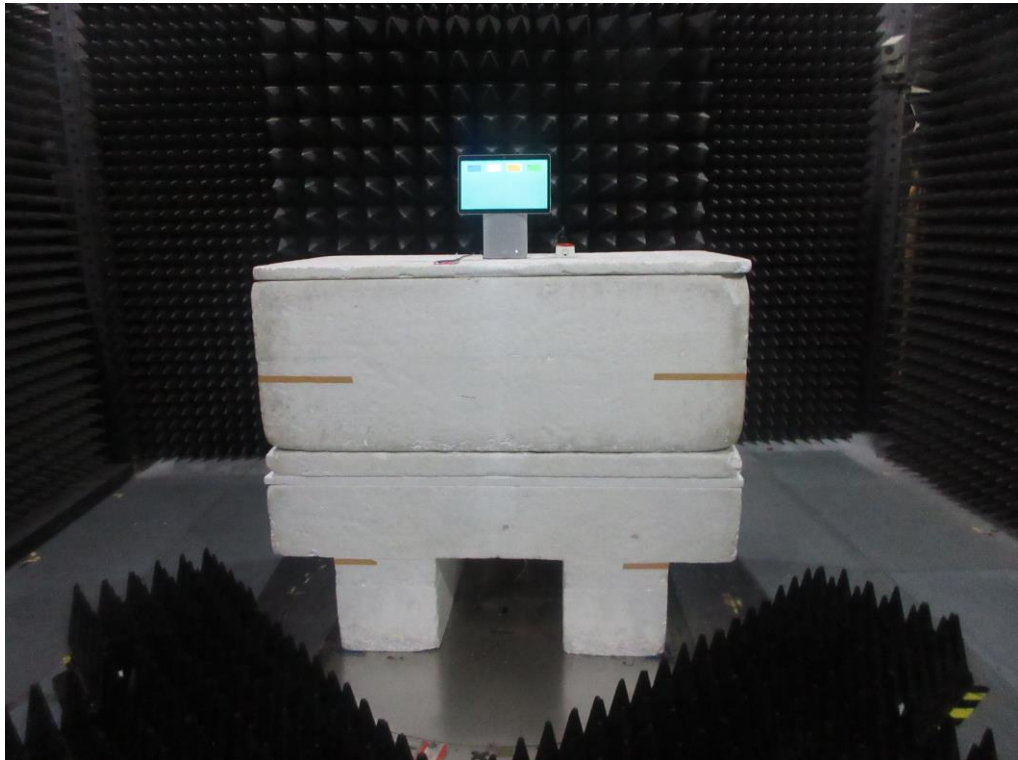


Rear view



For radiated emissions above 1GHz

Front view



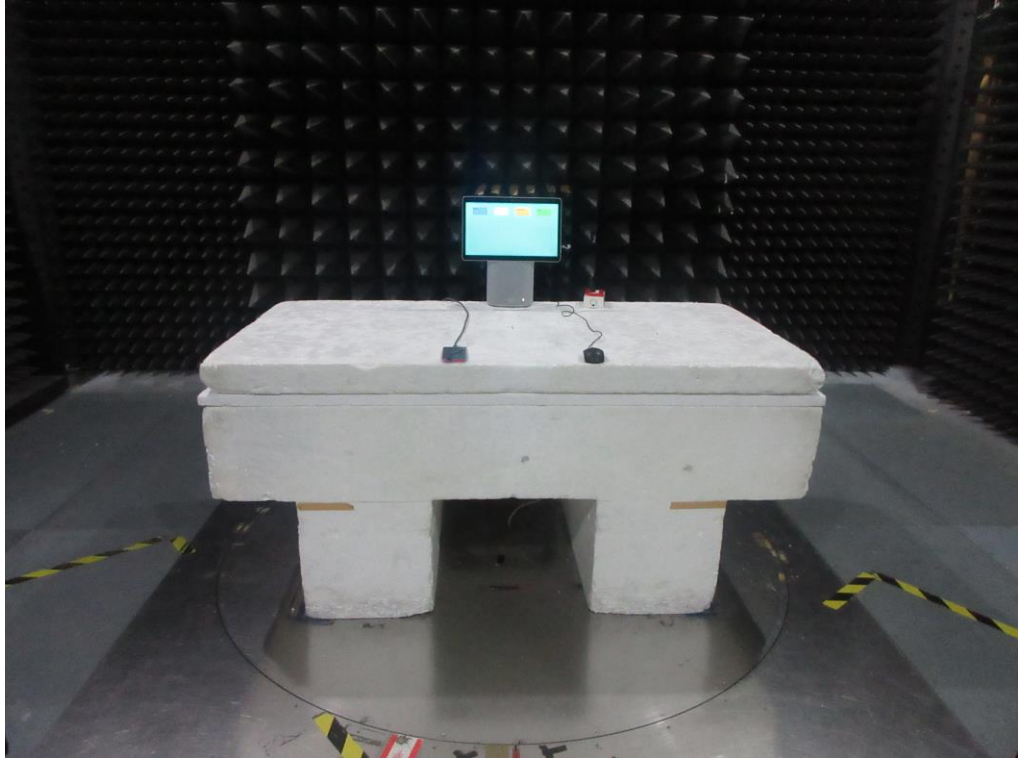
Rear view



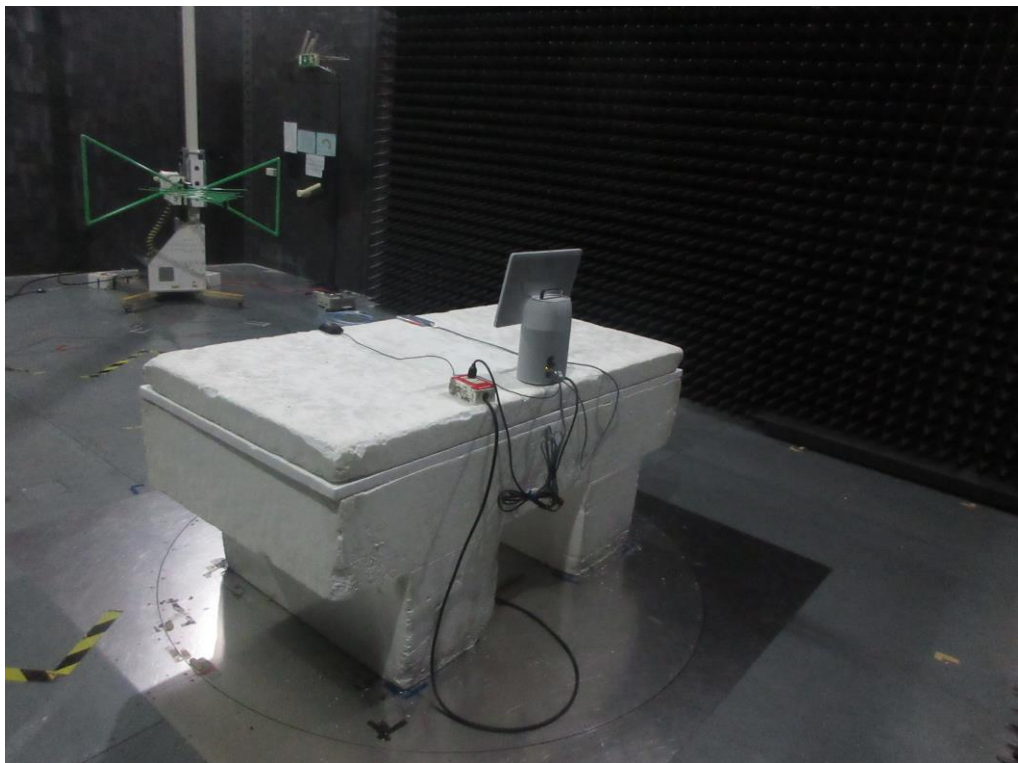
4. Photographs of Radiated Emissions Test Configuration - RX

For radiated emissions 30MHz~1GHz

Front view

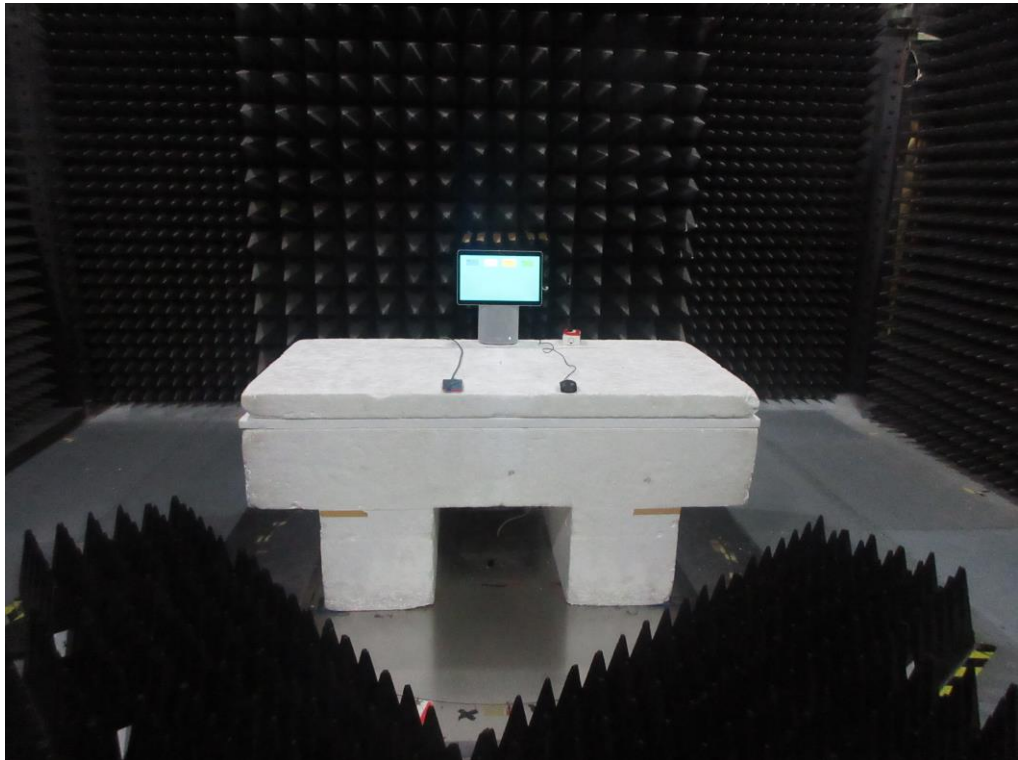


Rear view

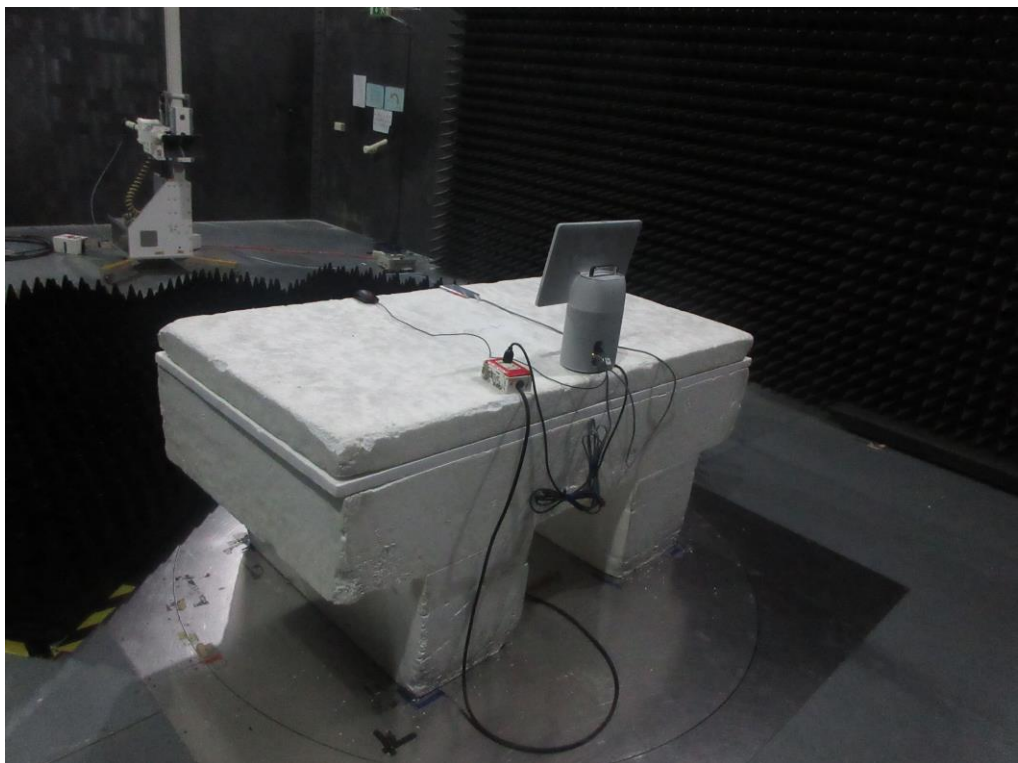


For radiated emissions above 1GHz

Front view



Rear view



————THE END————