Testing Laboratory 3785

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 Feb. 07, 2022. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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

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PHOTOGRAPHS OF EUT V01

History of this test report

Report No.	Version	Description	Issued Date
TR1D0725AC	01	Initial issue of report	Feb. 11, 2022

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:

The EUT supports beamforming and CDD modes, and the CDD mode is the worst case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluates the output power.

Reviewed by: Ben Tseng

Report Producer: Debby Hung

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
2400-2483.5	b, g, n (HT20)	2412-2462	1-11 [11]

<Non-Beamforming>

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	1TX(Port 2)
2.4-2.4835GHz	802.11g	20	1TX(Port 2)
2.4-2.4835GHz	802.11n HT20	20	2TX

<Beamforming>

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11n HT20-BF	20	2TX

Note:
- 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- 11g, HT20 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM 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
Beamforming Function	☒	With beamforming	☐	Without beamforming

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

<Non-Beamforming>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b_Nss1,(1Mbps)_1TX(Port2)	0.991	0.04	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g_Nss1,(6Mbps)_1TX(Port2)	0.934	0.3	1.429m	1k
802.11n HT20_Nss1,(MCS0)_2TX	0.929	0.32	1.337m	1k

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

<Beamforming>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11n HT20-BF_Nss1,(MCS0)_2TX	0.929	0.32	1.337m	1k

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

1.2 Testing Applied Standards

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

- 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 662911 D01 v02r01
- 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 <Non-Beamforming>	TH06-HY	Johnny Yu	20.3~24.6°C / 50~60%	29/Dec/2021~30/Dec/2021
RF Conducted <Beamforming>	TH06-HY	Johnny Yu	22~25°C / 50~58%	07/Feb/2022
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

<Non-Beamforming>

Test Software Version	Dos v6.1

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX(Port2)	-
2412MHz	20
2417MHz	20
2437MHz	20.5
2457MHz	19.5
2462MHz	19.5
802.11g_Nss1,(6Mbps)_1TX(Port2)	-
2412MHz	17.5
2417MHz	18.5
2437MHz	20.5
2457MHz	18.5
2462MHz	17.5
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	16
2417MHz	17
2437MHz	19.5
2457MHz	17.5
2462MHz	15.5

<Beamforming>

Test Software Version	Dos v6.1

Mode	Power Setting
802.11n HT20-BF_Nss1,(MCS0)_2TX	-
2412MHz	13
2417MHz	14
2437MHz	16.5
2457MHz	14.5
2462MHz	12.5

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.

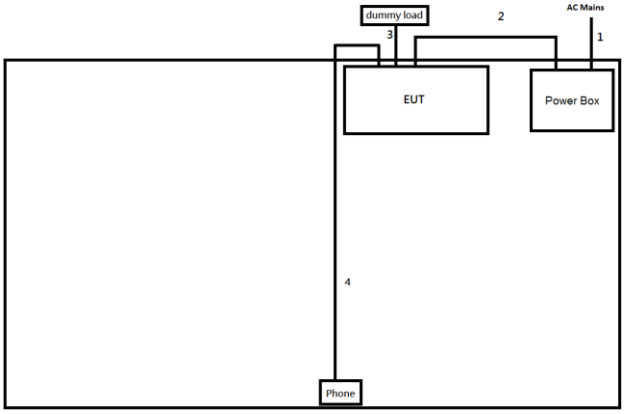
2.4 Support Equipment

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	-	-

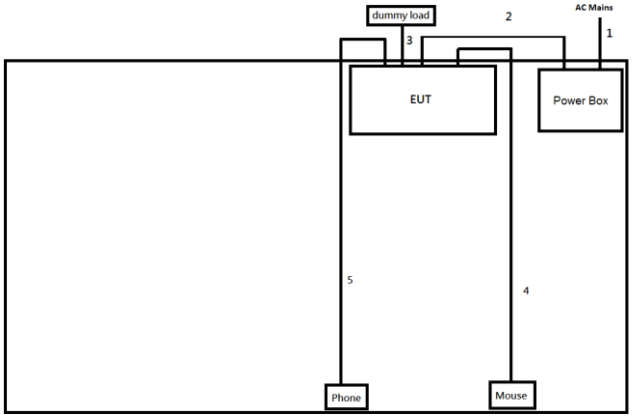
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test - TX



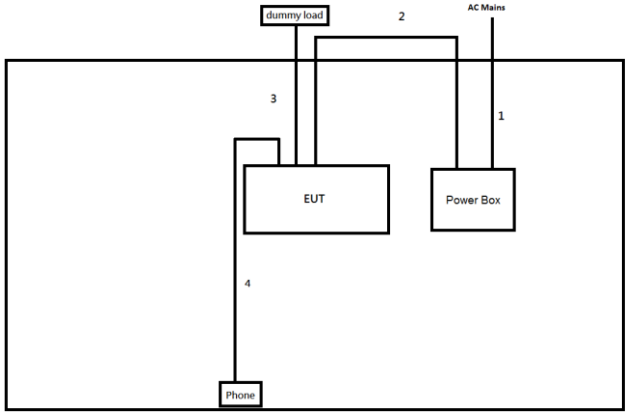
Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	AC Power cable	No	1.8	-
3	RJ45 cable	YES	3.0	-
4	Type-C cable	YES	1.7	-

Test Setup Diagram – AC Line Conducted Emission Test - RX



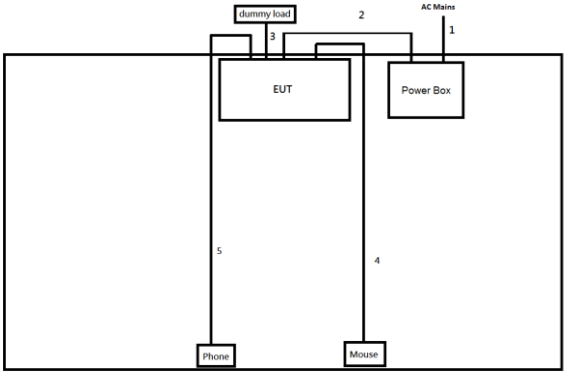
Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	AC Power cable	No	1.8	-
3	RJ45 cable	YES	3.0	-
4	Mouse USB cable	YES	1.5	-
5	Type-C cable	YES	1.7	-

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

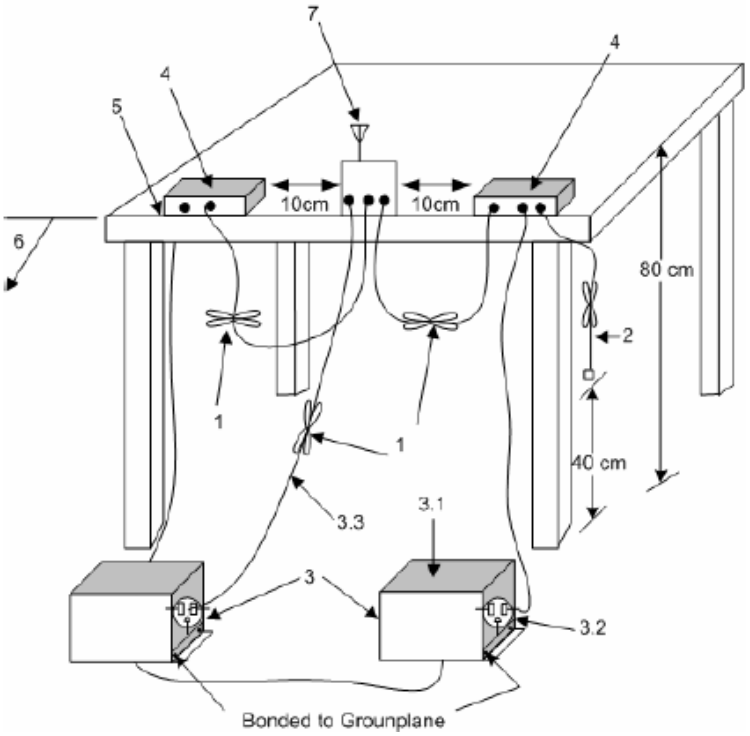
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

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

3.1.5 Test Setup

AC Power-line Conducted Emissions



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

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

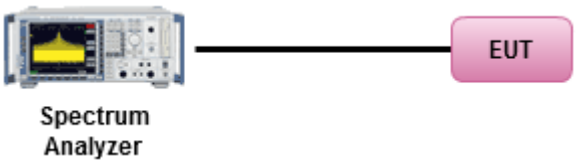
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
▪ Maximum Peak Conducted Output Power	
☐	Refer as KDB 558074, clause 8.3.1.1 (11.9.1.1 of ANSI C63.10) RBW ≥ EBW method.
☐	Refer as KDB 558074, clause 8.3.1.2 (11.9.1.2 of ANSI C63.10) integrated band power method.
☐	Refer as KDB 558074, clause 8.3.1.3 (11.9.1.3 of ANSI C63.10) peak power meter.
▪ Maximum Average Conducted Output Power	
☐	Refer as KDB 558074, clause 8.3.2.2 (11.9.2.2 of ANSI C63.10) using a spectrum analyzer.
☒	Refer as KDB 558074, clause 8.3.2.3 (11.9.2.3 of ANSI C63.10) using a power meter.
▪ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below: Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)

3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

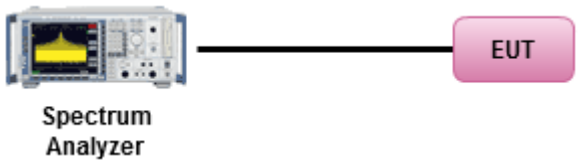
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method		
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).		
	☒ Refer as KDB 558074, clause 8.4 (11.10 of ANSI C63.10) Max. PSD.	
▪ For conducted measurement.		
	▪ If The EUT supports multiple transmit chains using options given below:	
		▪ Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

Un-restricted Band Emissions Limit	
RF output power procedure	**Limit (dB)**
Peak output power procedure	20
Average output power procedure	30
Note 1: If the peak output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum measured in-band peak level. Note 2: If the average output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the power in any 100 kHz outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum measured in-band average level.	

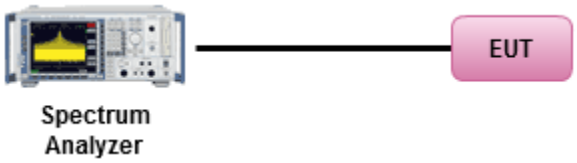
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup

Emissions in Non-restricted Frequency Bands


3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements 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.

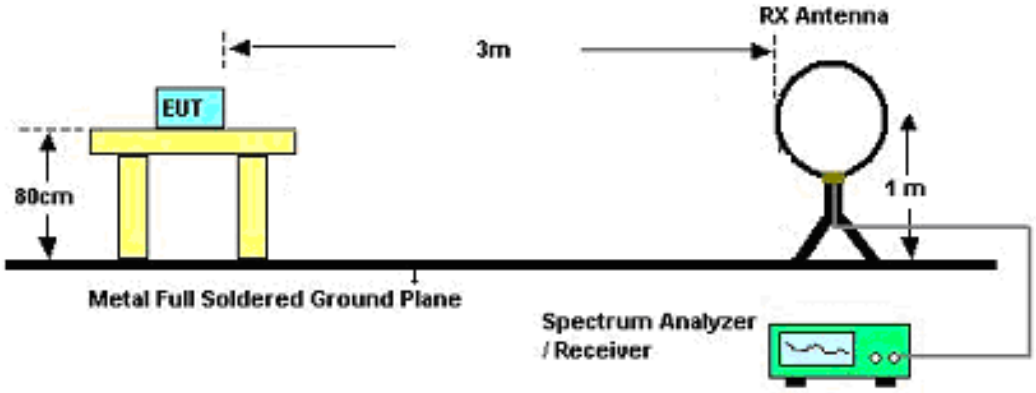
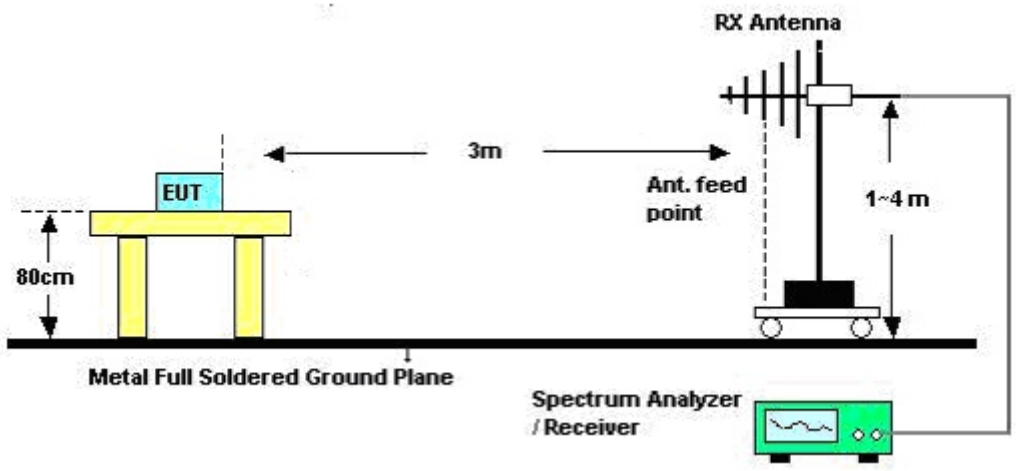
3.6.3 Test Procedures

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

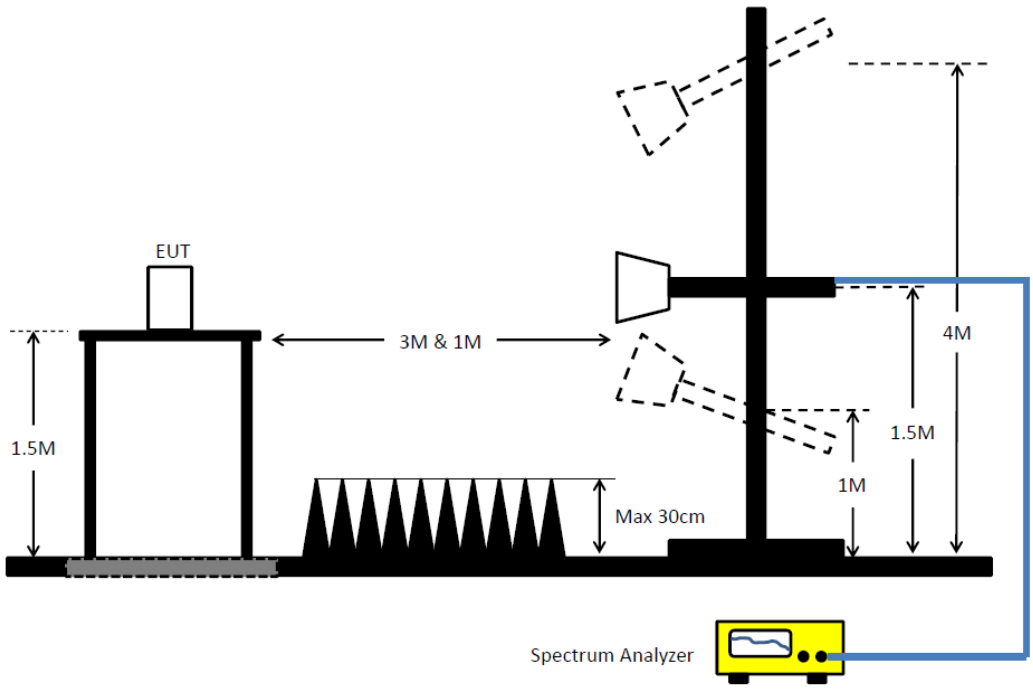
3.6.4 Measurement Results Calculation

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

3.6.5 Test Setup

Emissions in Restricted Frequency Bands
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



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

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

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

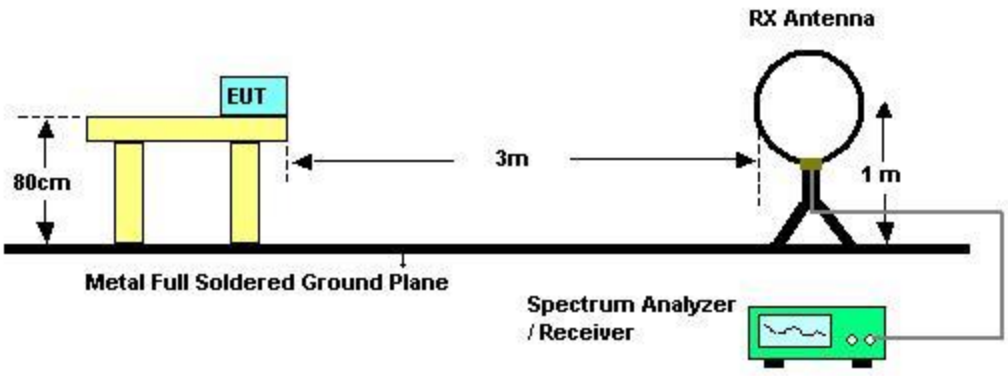
Test Method	
☒	The search for spurious emissions shall be from the lowest frequency internally generated or used in the receiver (e.g. local oscillator, intermediate or carrier frequency), or 30 MHz, whichever is higher, to at least 3 times the highest tuneable or local oscillator frequency, whichever 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

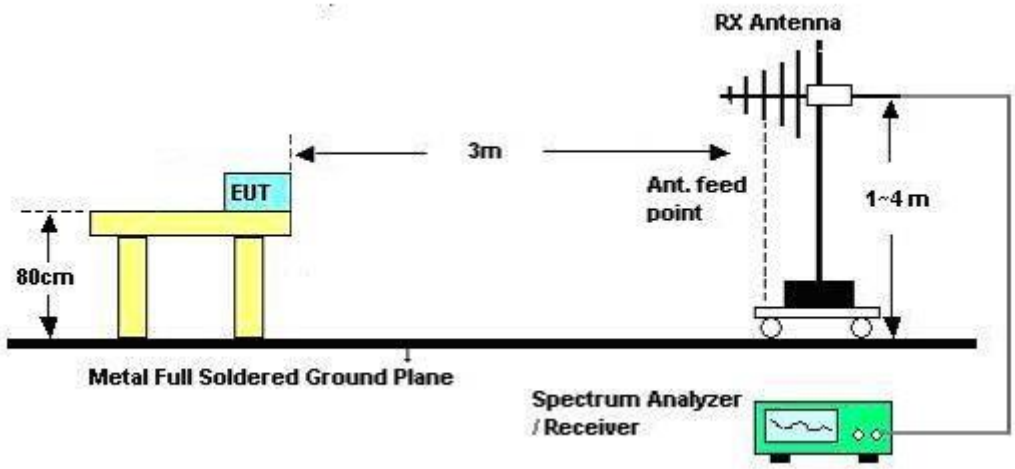
The measured Level is calculated using:
Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

3.7.5 Test Setup

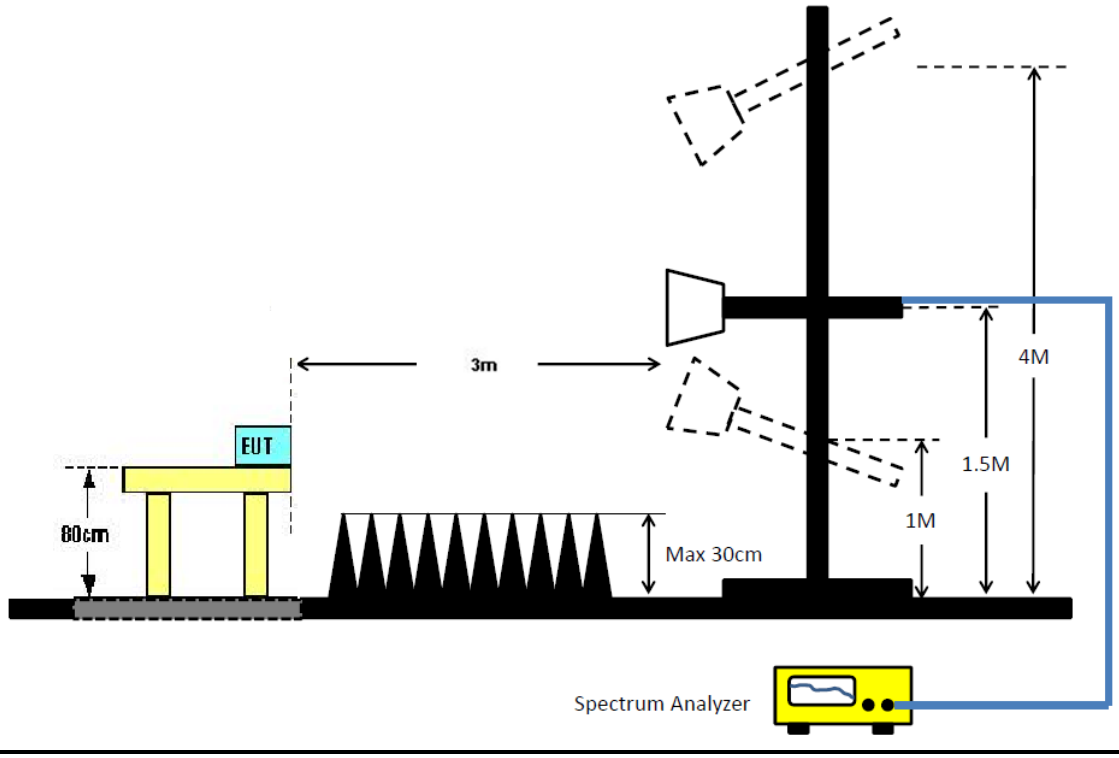
Receiver Spurious and Out of Band Emissions (9 kHz - 30 MHz)



Receiver Radiated Unwanted Emissions (below 1GHz)



Receiver Radiated Unwanted Emissions (above 1GHz)



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 Puls e Limiter	SCHWARZBEC K	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_ DTS	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	SCHWARZBECK	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_DTS	Sporton	V5.10.7.13	N/A	N/A	N/A	N/A

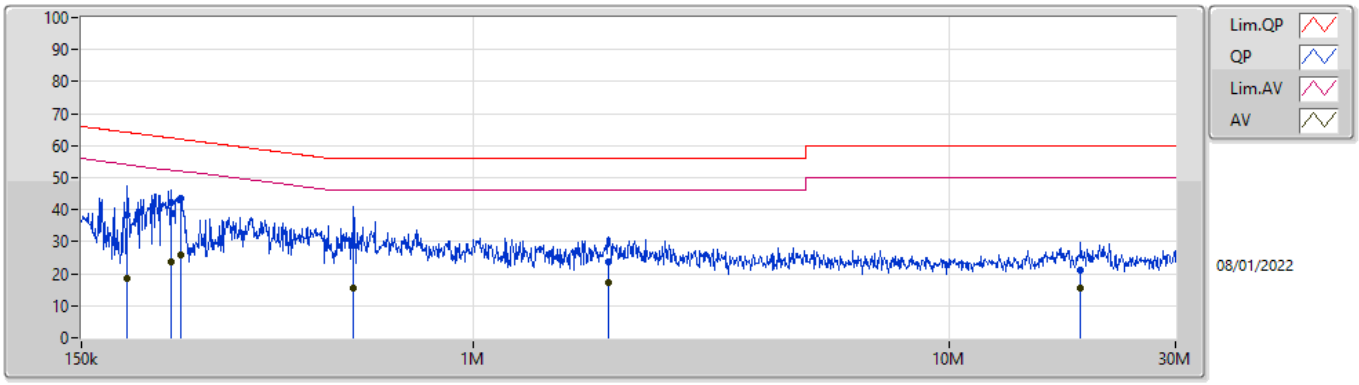
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	242.179k	43.71	62.02	-18.31	Line
Mode 2	Pass	QP	211.442k	46.92	63.15	-16.23	Neutral

Result

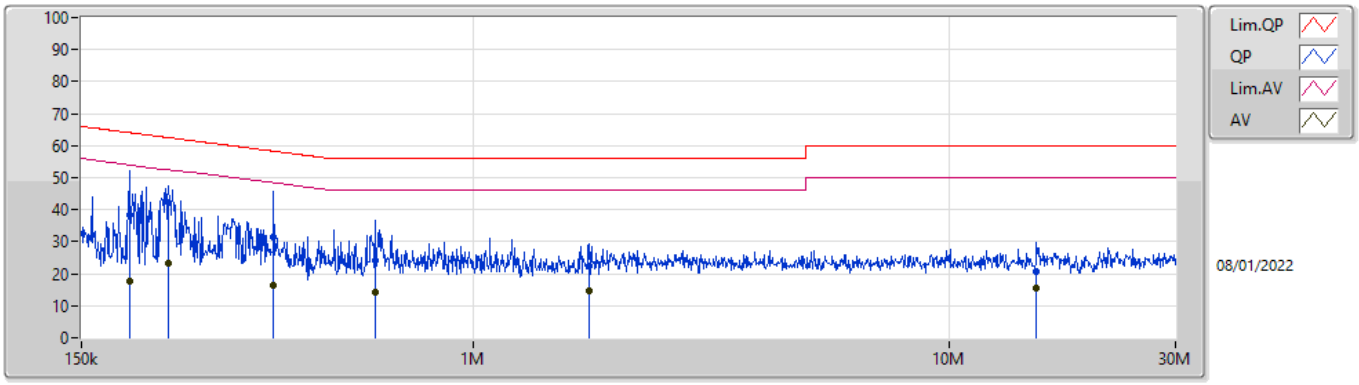
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	187.577k	38.45	64.15	-25.70	Line	-
Mode 1	Pass	AV	187.577k	18.60	54.15	-35.55	Line	-
Mode 1	Pass	QP	230.851k	42.45	62.42	-19.97	Line	-
Mode 1	Pass	AV	230.851k	23.59	52.42	-28.83	Line	-
Mode 1	Pass	QP	242.179k	43.71	62.02	-18.31	Line	-
Mode 1	Pass	AV	242.179k	25.72	52.02	-26.30	Line	-
Mode 1	Pass	QP	560.037k	28.71	56.00	-27.29	Line	-
Mode 1	Pass	AV	560.037k	15.71	46.00	-30.29	Line	-
Mode 1	Pass	QP	1.923M	23.74	56.00	-32.26	Line	-
Mode 1	Pass	AV	1.923M	17.05	46.00	-28.95	Line	-
Mode 1	Pass	QP	18.939M	21.21	60.00	-38.79	Line	-
Mode 1	Pass	AV	18.939M	15.44	50.00	-34.56	Line	-
Mode 1	Pass	QP	189.08k	38.35	64.07	-25.72	Neutral	-
Mode 1	Pass	AV	189.08k	17.85	54.07	-36.22	Neutral	-
Mode 1	Pass	QP	228.103k	42.34	62.52	-20.18	Neutral	-
Mode 1	Pass	AV	228.103k	23.20	52.52	-29.32	Neutral	-
Mode 1	Pass	QP	380.23k	31.51	58.28	-26.77	Neutral	-
Mode 1	Pass	AV	380.23k	16.32	48.28	-31.96	Neutral	-
Mode 1	Pass	QP	621.288k	23.93	56.00	-32.07	Neutral	-
Mode 1	Pass	AV	621.288k	14.09	46.00	-31.91	Neutral	-
Mode 1	Pass	QP	1.754M	22.26	56.00	-33.74	Neutral	-
Mode 1	Pass	AV	1.754M	14.72	46.00	-31.28	Neutral	-
Mode 1	Pass	QP	15.327M	20.50	60.00	-39.50	Neutral	-
Mode 1	Pass	AV	15.327M	15.66	50.00	-34.34	Neutral	-
Mode 2	Pass	QP	208.925k	46.04	63.25	-17.21	Line	-
Mode 2	Pass	AV	208.925k	25.36	53.25	-27.89	Line	-
Mode 2	Pass	QP	243.148k	43.44	61.98	-18.54	Line	-
Mode 2	Pass	AV	243.148k	23.71	51.98	-28.27	Line	-
Mode 2	Pass	QP	308.954k	31.80	60.00	-28.20	Line	-
Mode 2	Pass	AV	308.954k	27.85	50.00	-22.15	Line	-
Mode 2	Pass	QP	451.436k	24.51	56.84	-32.33	Line	-
Mode 2	Pass	AV	451.436k	15.11	46.84	-31.73	Line	-
Mode 2	Pass	QP	1.706M	21.80	56.00	-34.20	Line	-
Mode 2	Pass	AV	1.706M	15.44	46.00	-30.56	Line	-
Mode 2	Pass	QP	20.926M	22.27	60.00	-37.73	Line	-
Mode 2	Pass	AV	20.926M	16.12	50.00	-33.88	Line	-
Mode 2	Pass	QP	211.442k	46.92	63.15	-16.23	Neutral	-
Mode 2	Pass	AV	211.442k	25.77	53.15	-27.38	Neutral	-
Mode 2	Pass	QP	240.253k	42.98	62.08	-19.10	Neutral	-
Mode 2	Pass	AV	240.253k	24.64	52.08	-27.44	Neutral	-
Mode 2	Pass	QP	311.43k	29.56	59.94	-30.38	Neutral	-
Mode 2	Pass	AV	311.43k	21.52	49.94	-28.42	Neutral	-
Mode 2	Pass	QP	609.01k	27.65	56.00	-28.35	Neutral	-
Mode 2	Pass	AV	609.01k	24.76	46.00	-21.24	Neutral	-
Mode 2	Pass	QP	1.754M	22.41	56.00	-33.59	Neutral	-
Mode 2	Pass	AV	1.754M	14.59	46.00	-31.41	Neutral	-
Mode 2	Pass	QP	16.404M	21.38	60.00	-38.62	Neutral	-
Mode 2	Pass	AV	16.404M	16.97	50.00	-33.03	Neutral	-

Conducted Emissions at Powerline_Mode 1



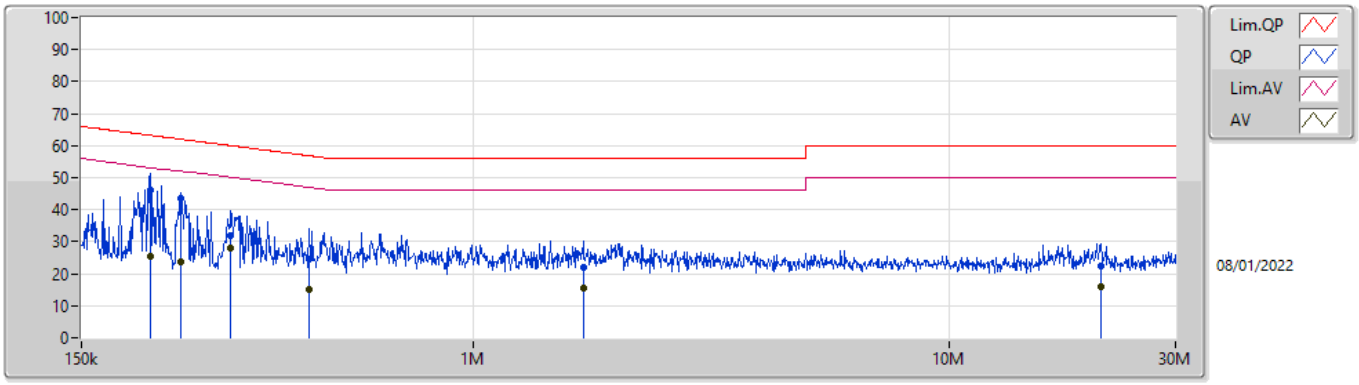
Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	187.577k	38.45	64.15	-25.70	19.56	Line	-	18.89	9.61	0.04	9.91
AV	187.577k	18.60	54.15	-35.55	19.56	Line	-	-0.96	9.61	0.04	9.91
QP	230.851k	42.45	62.42	-19.97	19.56	Line	-	22.89	9.61	0.04	9.91
AV	230.851k	23.59	52.42	-28.83	19.56	Line	-	4.03	9.61	0.04	9.91
QP	242.179k	43.71	62.02	-18.31	19.57	Line	-	24.14	9.61	0.05	9.91
AV	242.179k	25.72	52.02	-26.30	19.57	Line	-	6.15	9.61	0.05	9.91
QP	560.037k	28.71	56.00	-27.29	19.58	Line	-	9.13	9.60	0.07	9.91
AV	560.037k	15.71	46.00	-30.29	19.58	Line	-	-3.87	9.60	0.07	9.91
QP	1.923M	23.74	56.00	-32.26	19.65	Line	-	4.09	9.63	0.10	9.92
AV	1.923M	17.05	46.00	-28.95	19.65	Line	-	-2.60	9.63	0.10	9.92
QP	18.939M	21.21	60.00	-38.79	19.95	Line	-	1.26	9.73	0.29	9.93
AV	18.939M	15.44	50.00	-34.56	19.95	Line	-	-4.51	9.73	0.29	9.93

Conducted Emissions at Powerline_Mode 1



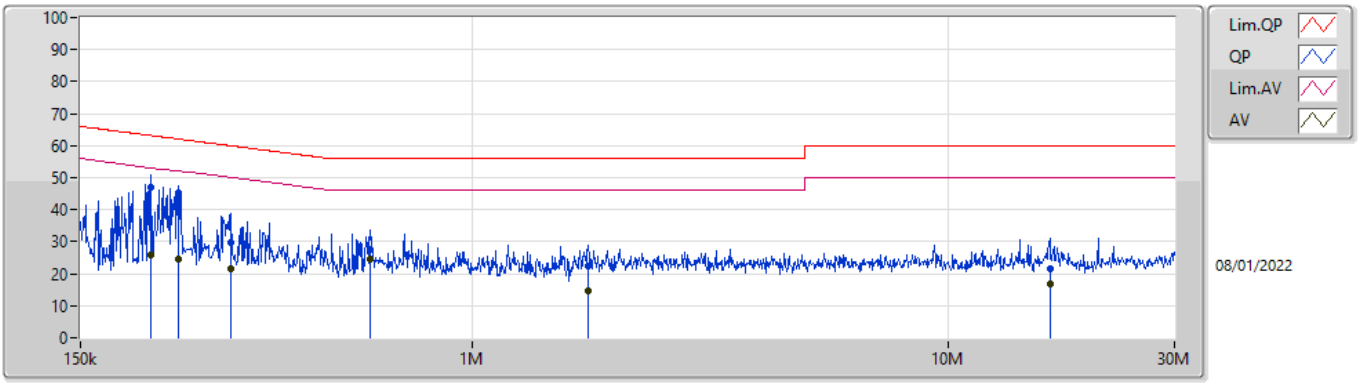
Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	189.08k	38.35	64.07	-25.72	19.55	Neutral	-	18.80	9.60	0.04	9.91
AV	189.08k	17.85	54.07	-36.22	19.55	Neutral	-	-1.70	9.60	0.04	9.91
QP	228.103k	42.34	62.52	-20.18	19.55	Neutral	-	22.79	9.60	0.04	9.91
AV	228.103k	23.20	52.52	-29.32	19.55	Neutral	-	3.65	9.60	0.04	9.91
QP	380.23k	31.51	58.28	-26.77	19.57	Neutral	-	11.94	9.60	0.06	9.91
AV	380.23k	16.32	48.28	-31.96	19.57	Neutral	-	-3.25	9.60	0.06	9.91
QP	621.288k	23.93	56.00	-32.07	19.59	Neutral	-	4.34	9.61	0.07	9.91
AV	621.288k	14.09	46.00	-31.91	19.59	Neutral	-	-5.50	9.61	0.07	9.91
QP	1.754M	22.26	56.00	-33.74	19.64	Neutral	-	2.62	9.62	0.10	9.92
AV	1.754M	14.72	46.00	-31.28	19.64	Neutral	-	-4.92	9.62	0.10	9.92
QP	15.327M	20.50	60.00	-39.50	20.01	Neutral	-	0.49	9.83	0.25	9.93
AV	15.327M	15.66	50.00	-34.34	20.01	Neutral	-	-4.35	9.83	0.25	9.93

Conducted Emissions at Powerline_Mode 2



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	208.925k	46.04	63.25	-17.21	19.56	Line	-	26.48	9.61	0.04	9.91
AV	208.925k	25.36	53.25	-27.89	19.56	Line	-	5.80	9.61	0.04	9.91
QP	243.148k	43.44	61.98	-18.54	19.57	Line	-	23.87	9.61	0.05	9.91
AV	243.148k	23.71	51.98	-28.27	19.57	Line	-	4.14	9.61	0.05	9.91
QP	308.954k	31.80	60.00	-28.20	19.56	Line	-	12.24	9.60	0.05	9.91
AV	308.954k	27.85	50.00	-22.15	19.56	Line	-	8.29	9.60	0.05	9.91
QP	451.436k	24.51	56.84	-32.33	19.57	Line	-	4.94	9.60	0.06	9.91
AV	451.436k	15.11	46.84	-31.73	19.57	Line	-	-4.46	9.60	0.06	9.91
QP	1.706M	21.80	56.00	-34.20	19.65	Line	-	2.15	9.63	0.10	9.92
AV	1.706M	15.44	46.00	-30.56	19.65	Line	-	-4.21	9.63	0.10	9.92
QP	20.926M	22.27	60.00	-37.73	19.96	Line	-	2.31	9.73	0.30	9.93
AV	20.926M	16.12	50.00	-33.88	19.96	Line	-	-3.84	9.73	0.30	9.93

Conducted Emissions at Powerline_Mode 2



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	211.442k	46.92	63.15	-16.23	19.55	Neutral	-	27.37	9.60	0.04	9.91
AV	211.442k	25.77	53.15	-27.38	19.55	Neutral	-	6.22	9.60	0.04	9.91
QP	240.253k	42.98	62.08	-19.10	19.56	Neutral	-	23.42	9.60	0.05	9.91
AV	240.253k	24.64	52.08	-27.44	19.56	Neutral	-	5.08	9.60	0.05	9.91
QP	311.43k	29.56	59.94	-30.38	19.56	Neutral	-	10.00	9.60	0.05	9.91
AV	311.43k	21.52	49.94	-28.42	19.56	Neutral	-	1.96	9.60	0.05	9.91
QP	609.01k	27.65	56.00	-28.35	19.59	Neutral	-	8.06	9.61	0.07	9.91
AV	609.01k	24.76	46.00	-21.24	19.59	Neutral	-	5.17	9.61	0.07	9.91
QP	1.754M	22.41	56.00	-33.59	19.64	Neutral	-	2.77	9.62	0.10	9.92
AV	1.754M	14.59	46.00	-31.41	19.64	Neutral	-	-5.05	9.62	0.10	9.92
QP	16.404M	21.38	60.00	-38.62	20.04	Neutral	-	1.34	9.84	0.27	9.93
AV	16.404M	16.97	50.00	-33.03	20.04	Neutral	-	-3.07	9.84	0.27	9.93

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX(Port2)	9.525M	15.967M	16M0G1D	7.05M	11.919M
802.11g_Nss1,(6Mbps)_1TX(Port2)	16.275M	17.791M	17M8D1D	15.65M	16.617M
802.11n HT20_Nss1,(MCS0)_2TX	17.55M	17.916M	17M9D1D	16.875M	17.691M

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

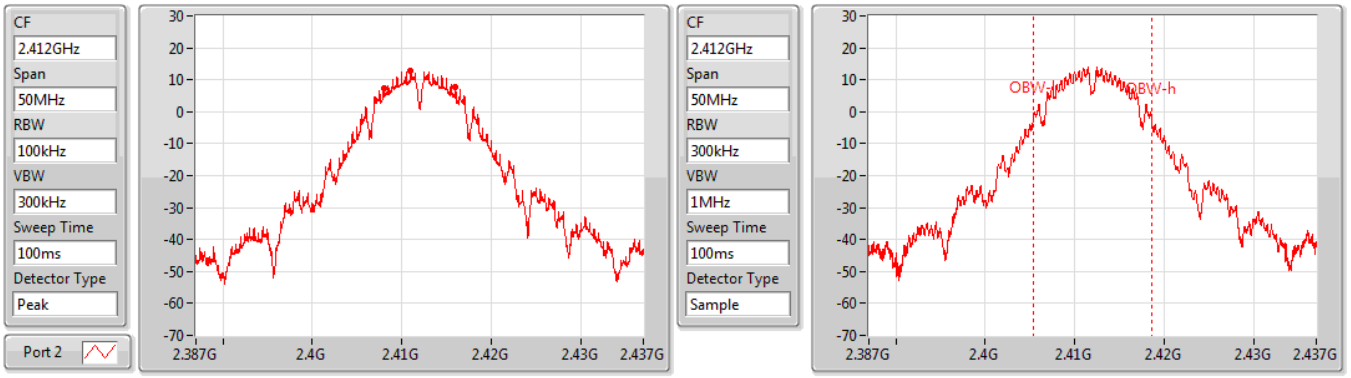
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	500k			8.025M	13.143M
2437MHz	Pass	500k			9.525M	15.967M
2462MHz	Pass	500k			7.05M	11.919M
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	500k			16.275M	16.617M
2437MHz	Pass	500k			15.675M	17.791M
2462MHz	Pass	500k			15.65M	16.617M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.275M	17.741M	17.5M	17.691M
2437MHz	Pass	500k	17.15M	17.741M	17.55M	17.916M
2462MHz	Pass	500k	16.875M	17.691M	17.55M	17.691M

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

802.11b_Nss1,(1Mbps)_1TX(Port2) EBW

2412MHz

29/12/2021

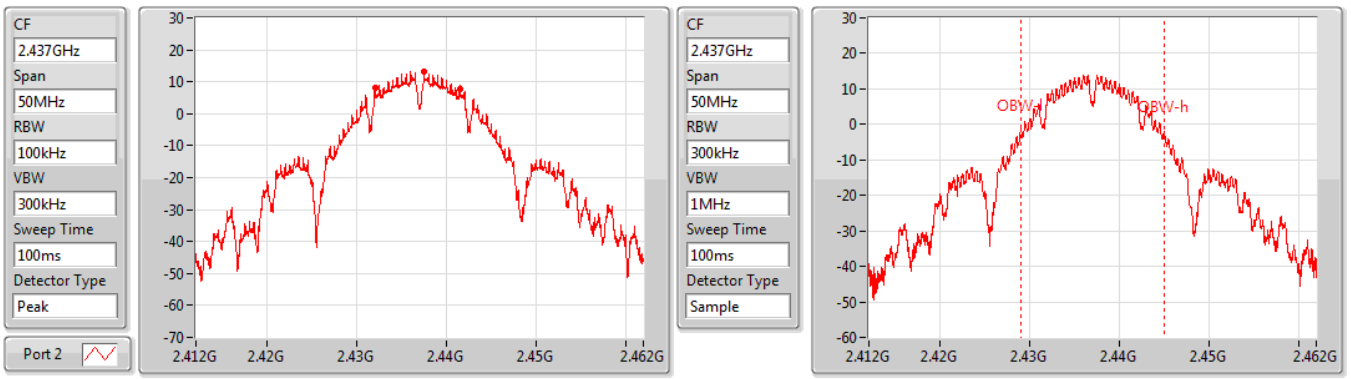


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.025M	2.407975G	2.416G	13.143M	2.405428G	2.418572G	500k	2

802.11b_Nss1,(1Mbps)_1TX(Port2) EBW

2437MHz

29/12/2021

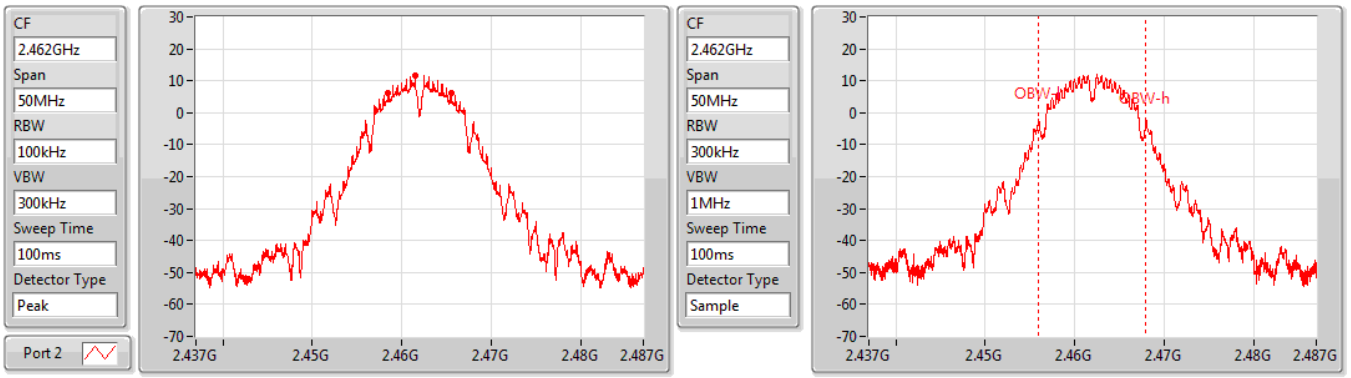


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.525M	2.432G	2.441525G	15.967M	2.428979G	2.444946G	500k	2

802.11b_Nss1,(1Mbps)_1TX(Port2) EBW

2462MHz

29/12/2021

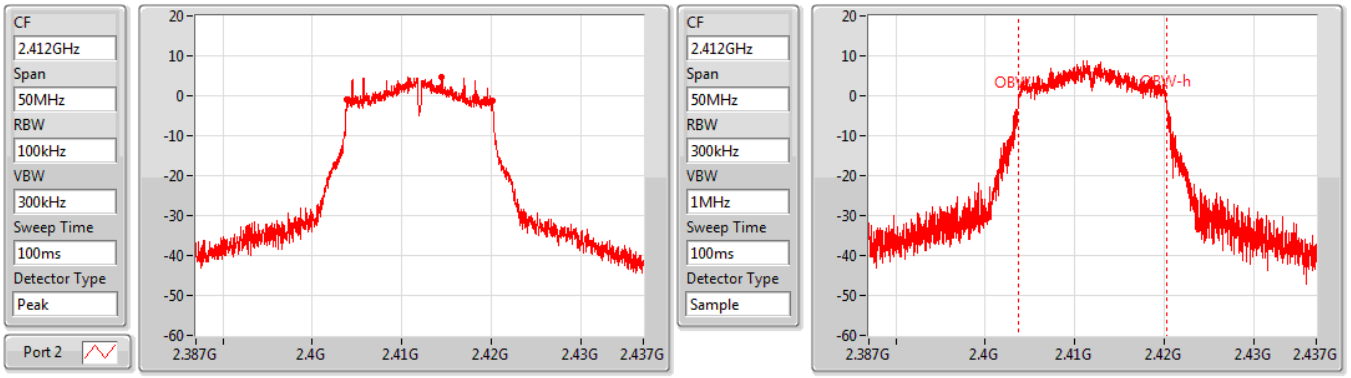


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.05M	2.458475G	2.465525G	11.919M	2.456003G	2.467922G	500k	2

802.11g_Nss1,(6Mbps)_1TX(Port2) EBW

2412MHz

29/12/2021

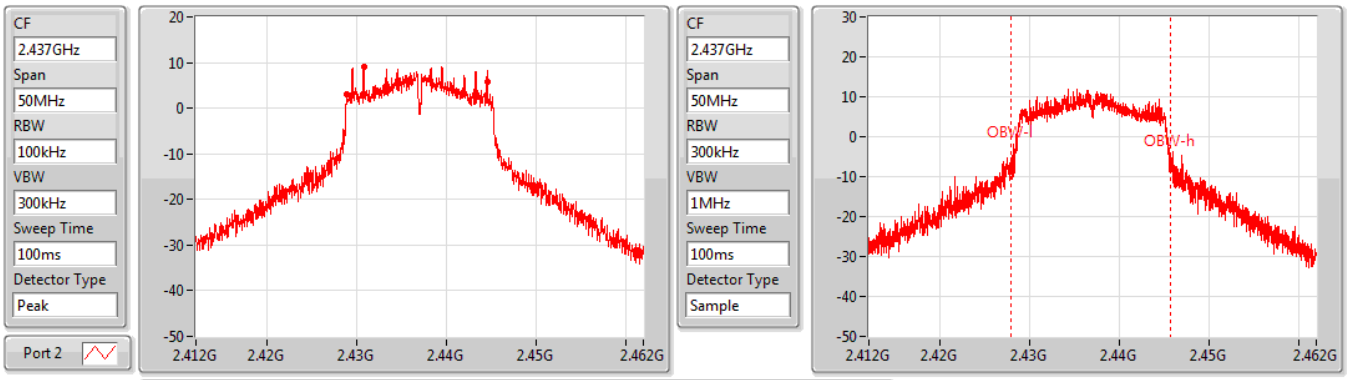


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.275M	2.40385G	2.420125G	16.617M	2.403654G	2.420271G	500k	2

802.11g_Nss1,(6Mbps)_1TX(Port2) EBW

2437MHz

29/12/2021

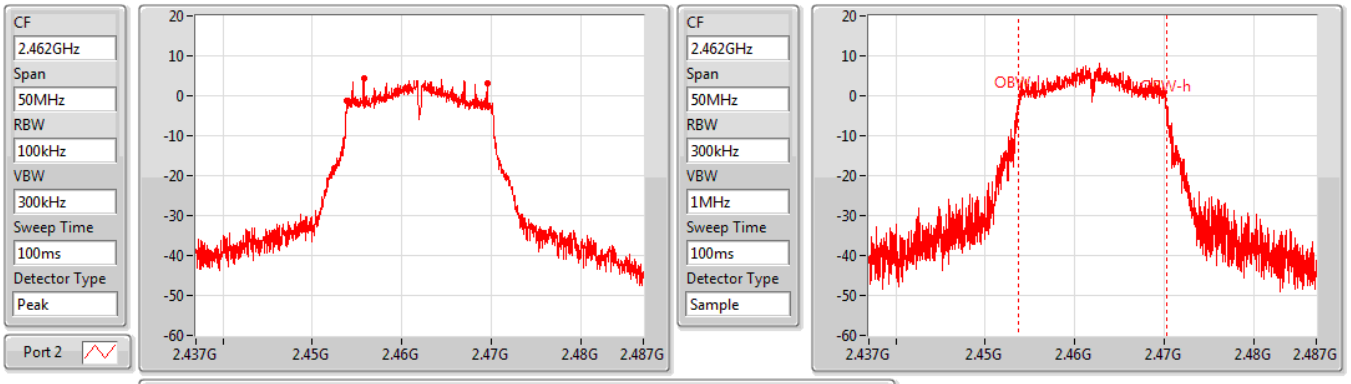


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.675M	2.4289G	2.444575G	17.791M	2.427905G	2.445696G	500k	2

802.11g_Nss1,(6Mbps)_1TX(Port2) EBW

2462MHz

29/12/2021

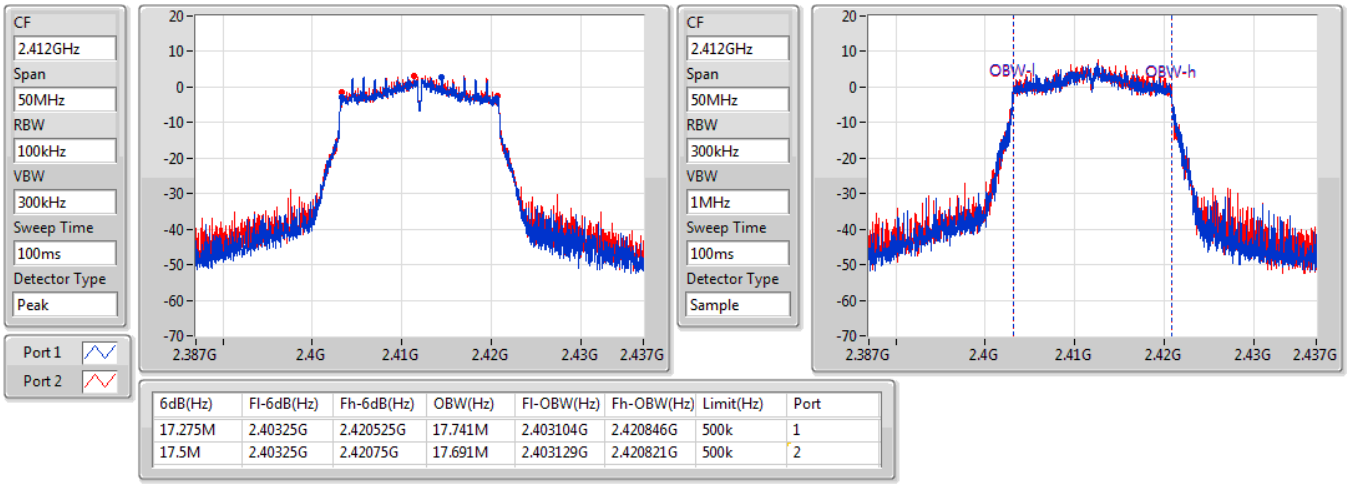


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.65M	2.453875G	2.469525G	16.617M	2.453654G	2.470271G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

2412MHz

29/12/2021

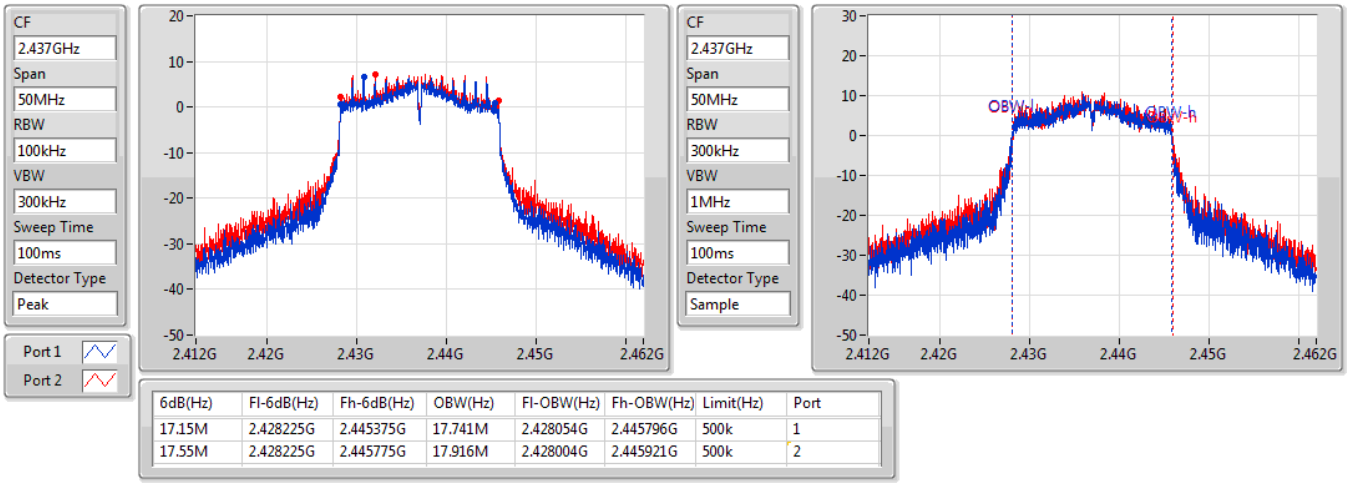


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.275M	2.40325G	2.420525G	17.741M	2.403104G	2.420846G	500k	1
17.5M	2.40325G	2.42075G	17.691M	2.403129G	2.420821G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

2437MHz

29/12/2021

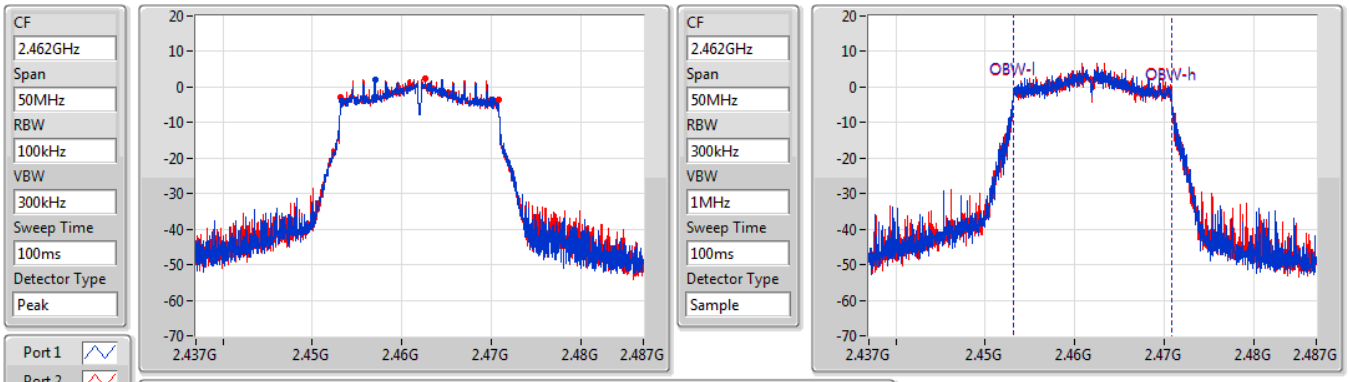


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.15M	2.428225G	2.445375G	17.741M	2.428054G	2.445796G	500k	1
17.55M	2.428225G	2.445775G	17.916M	2.428004G	2.445921G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

2462MHz

29/12/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.875M	2.45325G	2.470125G	17.691M	2.453129G	2.470821G	500k	1
17.55M	2.453225G	2.470775G	17.691M	2.453104G	2.470796G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX(Port2)	21.98	0.15776
802.11g_Nss1,(6Mbps)_1TX(Port2)	19.88	0.09727
802.11n HT20_Nss1,(MCS0)_2TX	21.32	0.13552

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	5.00	-	21.20	21.20	30.00
2417MHz	Pass	5.00	-	21.08	21.08	30.00
2437MHz	Pass	5.00	-	21.98	21.98	30.00
2457MHz	Pass	5.00	-	19.18	19.18	30.00
2462MHz	Pass	5.00	-	19.11	19.11	30.00
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	5.00	-	16.50	16.50	30.00
2417MHz	Pass	5.00	-	17.48	17.48	30.00
2437MHz	Pass	5.00	-	19.88	19.88	30.00
2457MHz	Pass	5.00	-	16.72	16.72	30.00
2462MHz	Pass	5.00	-	15.71	15.71	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.00	14.63	14.85	17.75	30.00
2417MHz	Pass	5.00	15.60	15.94	18.78	30.00
2437MHz	Pass	5.00	17.98	18.61	21.32	30.00
2457MHz	Pass	5.00	15.73	15.78	18.77	30.00
2462MHz	Pass	5.00	13.68	13.73	16.72	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11n HT20-BF_Nss1,(MCS0)_2TX	18.15	0.06531

Result

Mode	Result	DG (dBi)	Total Power (dBm)	Power Limit (dBm)	Port 1 (dBm)	Port 2 (dBm)
802.11n HT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.96	14.72	28.04	11.60	11.82
2417MHz	Pass	7.96	15.76	28.04	12.58	12.92
2437MHz	Pass	7.96	18.15	28.04	14.81	15.44
2457MHz	Pass	7.96	15.75	28.04	12.71	12.76
2462MHz	Pass	7.96	13.63	28.04	10.59	10.64

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX(Port2)	-1.56
802.11g_Nss1,(6Mbps)_1TX(Port2)	-3.54
802.11n HT20_Nss1,(MCS0)_2TX	-4.07

RBW = 3kHz;

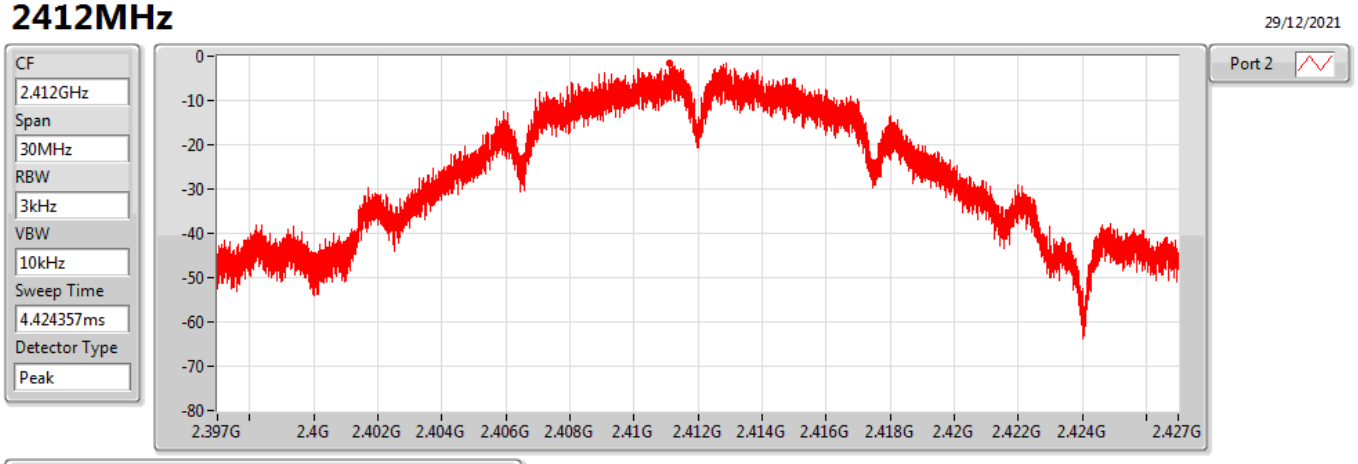
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	5.00	-	-1.56	-1.56	8.00
2437MHz	Pass	5.00	-	-2.42	-2.42	8.00
2462MHz	Pass	5.00	-	-3.58	-3.58	8.00
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	5.00	-	-7.39	-7.39	8.00
2437MHz	Pass	5.00	-	-3.54	-3.54	8.00
2462MHz	Pass	5.00	-	-8.25	-8.25	8.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.96	-9.29	-7.91	-6.87	6.04
2437MHz	Pass	7.96	-5.52	-5.57	-4.07	6.04
2462MHz	Pass	7.96	-10.93	-8.87	-8.07	6.04

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;

802.11b_Nss1,(1Mbps)_1TX(Port2) PSD

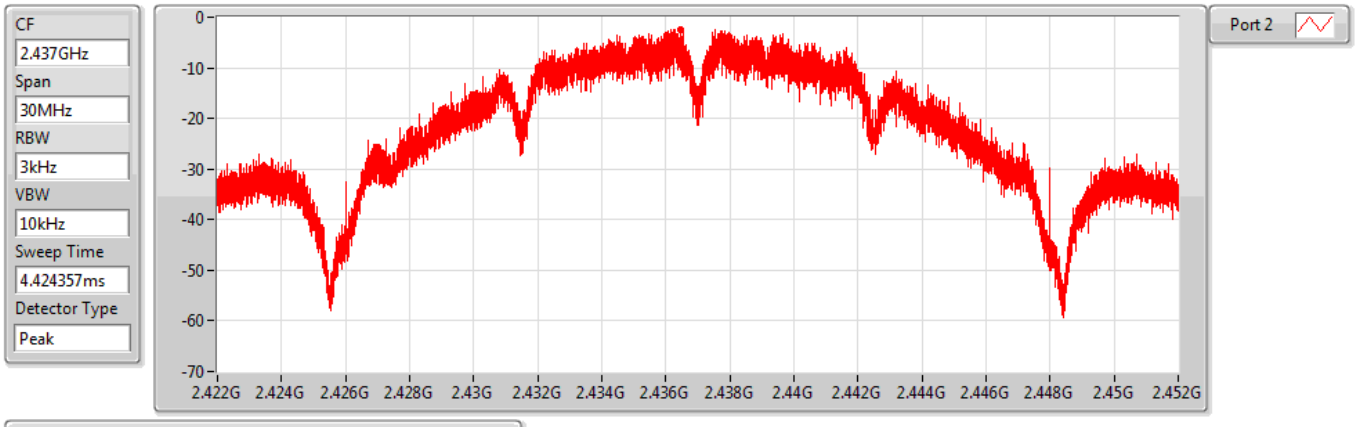
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.56	-1.56	-	-1.56

802.11b_Nss1,(1Mbps)_1TX(Port2) PSD

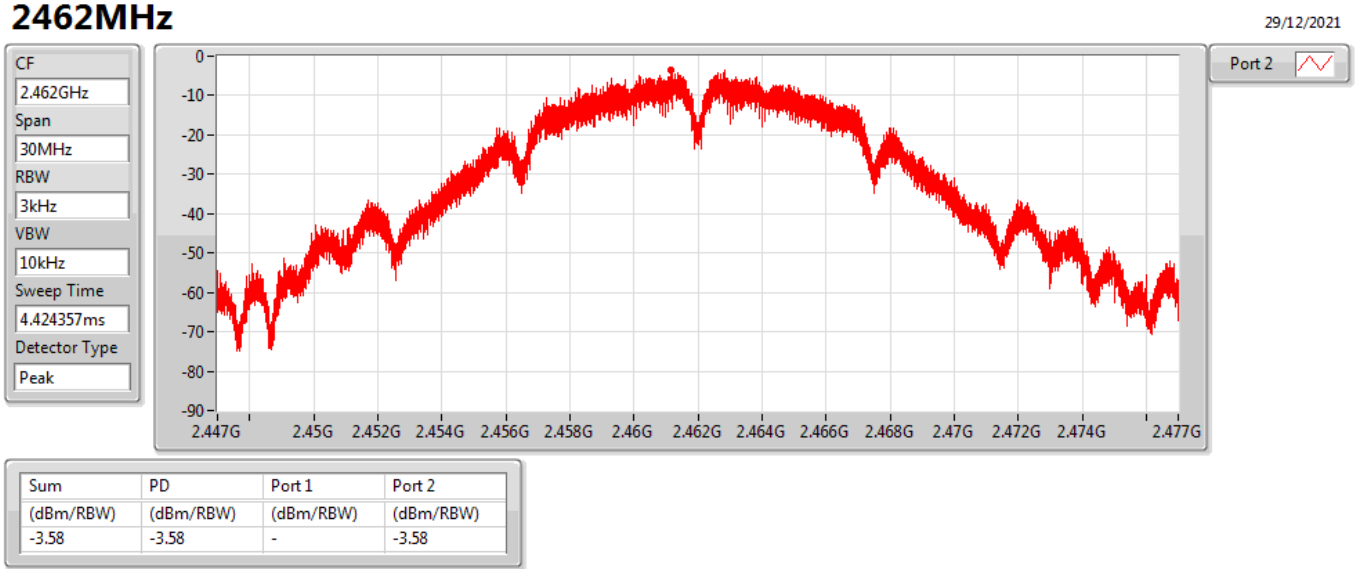
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.42	-2.42	-	-2.42

802.11b_Nss1,(1Mbps)_1TX(Port2) PSD

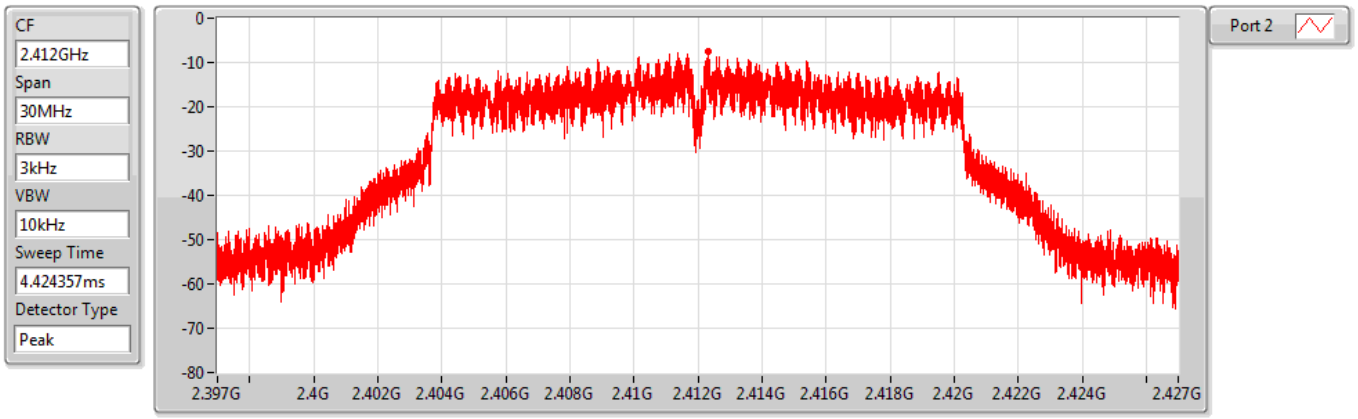
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.58	-3.58	-	-3.58

802.11g_Nss1,(6Mbps)_1TX(Port2) PSD

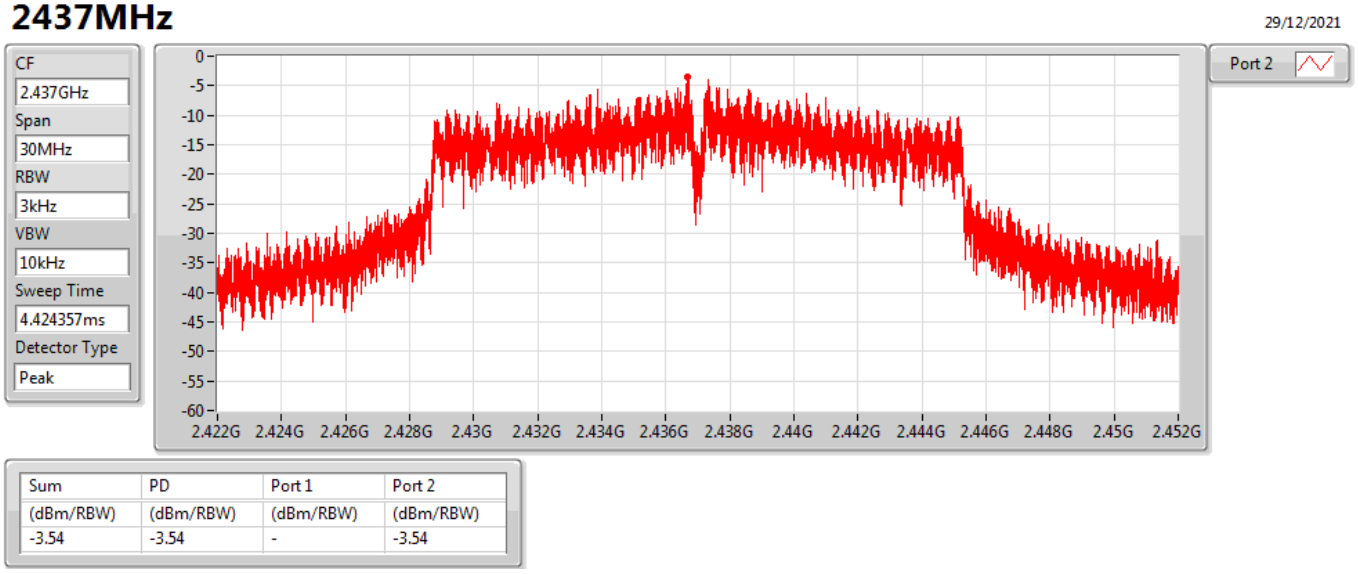
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.39	-7.39	-	-7.39

802.11g_Nss1,(6Mbps)_1TX(Port2) PSD

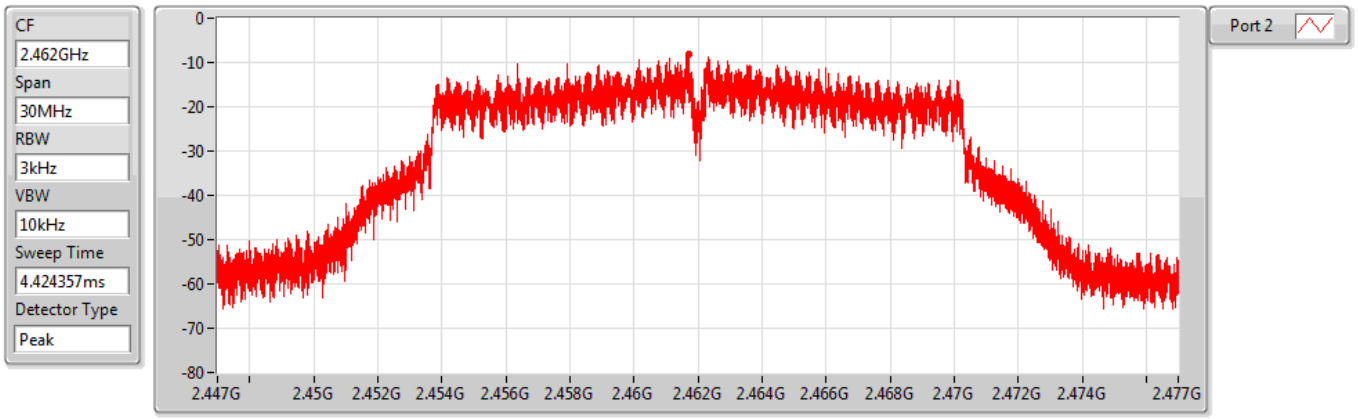
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.54	-3.54	-	-3.54

802.11g_Nss1,(6Mbps)_1TX(Port2) PSD

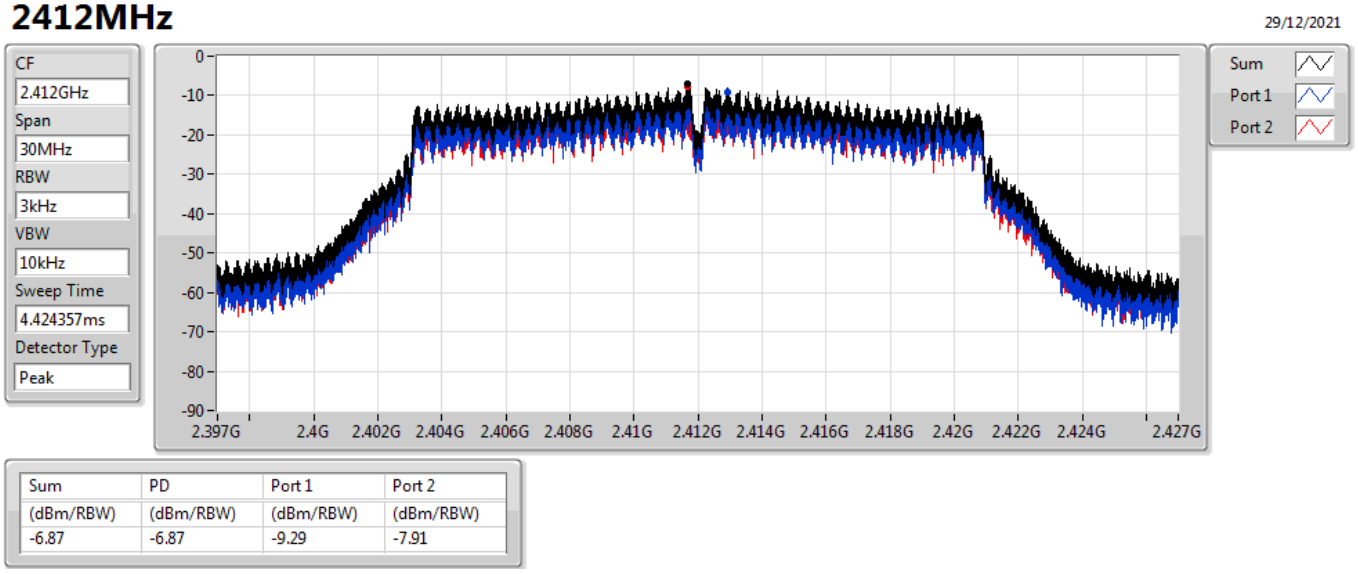
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.25	-8.25	-	-8.25

802.11n HT20_Nss1,(MCS0)_2TX PSD

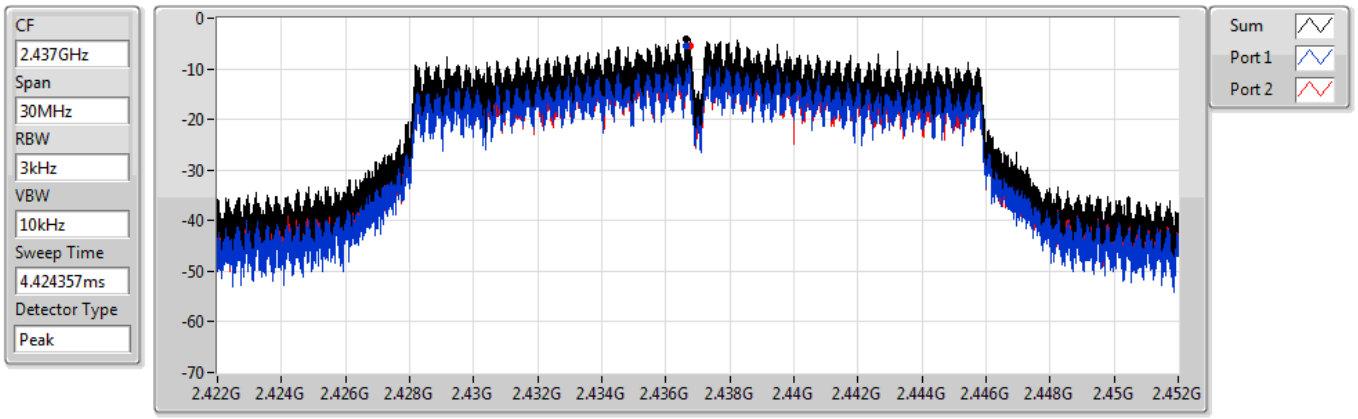
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.87	-6.87	-9.29	-7.91

802.11n HT20_Nss1,(MCS0)_2TX PSD

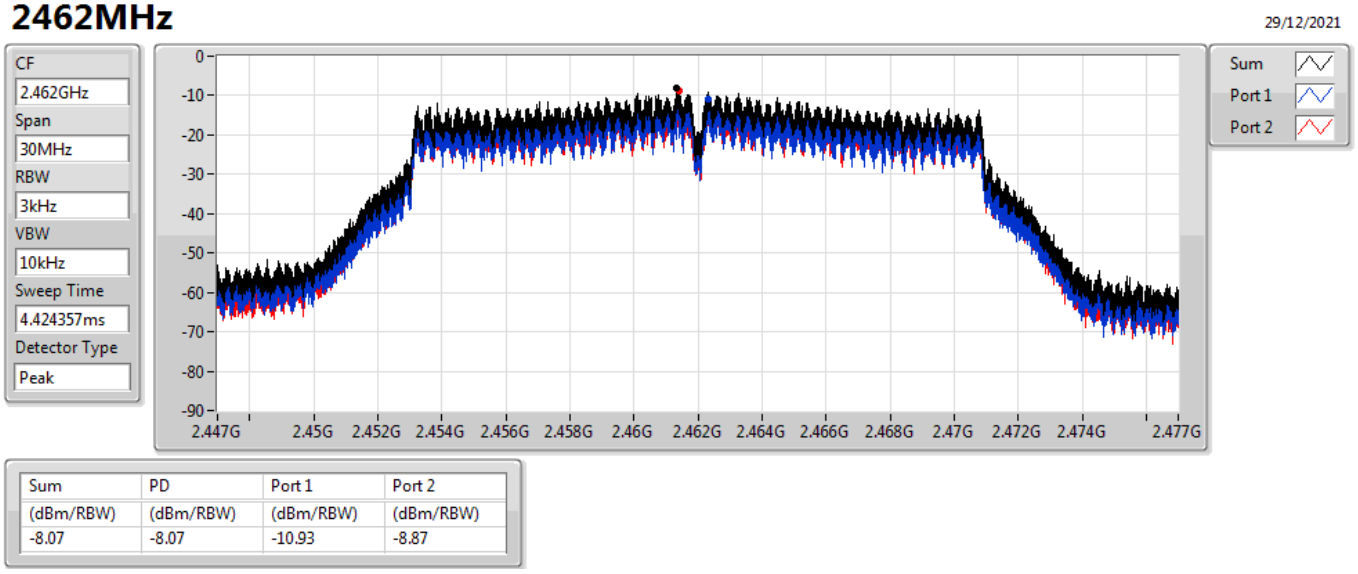
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.07	-4.07	-5.52	-5.57

802.11n HT20_Nss1,(MCS0)_2TX PSD

2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.07	-8.07	-10.93	-8.87

Summary

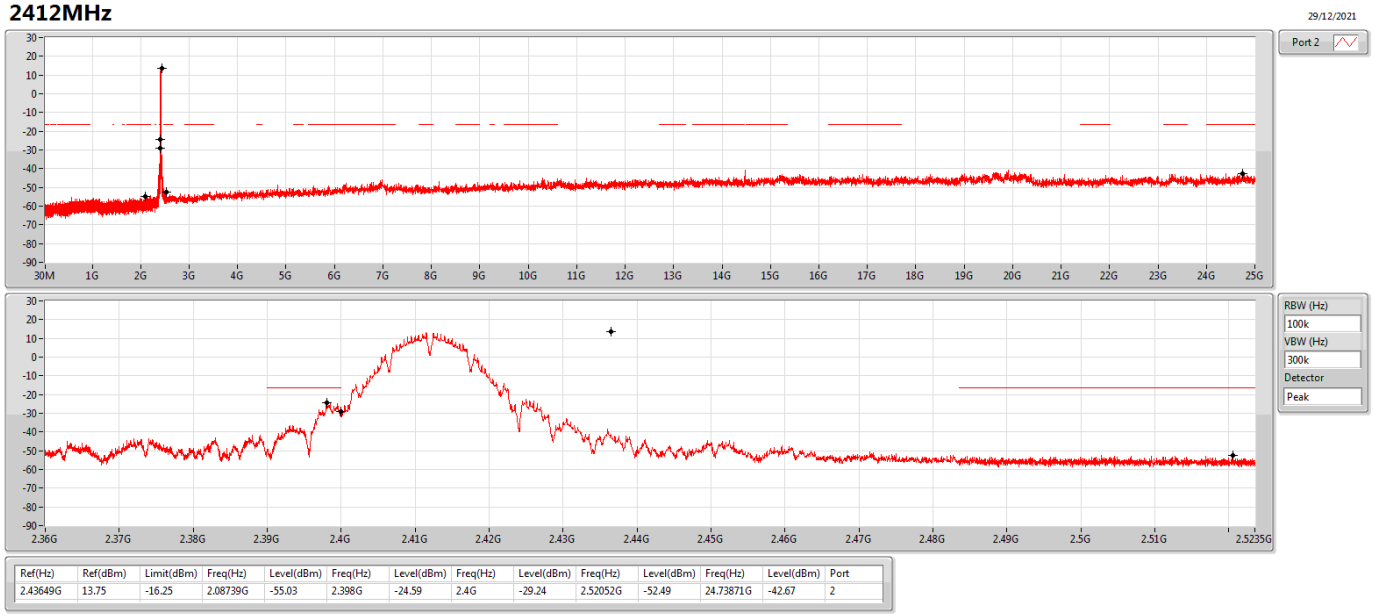
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX(Port2)	Pass	2.43649G	13.75	-16.25	2.08739G	-55.03	2.398G	-24.59	2.4G	-29.24	2.52052G	-52.49	24.73871G	-42.67	2
802.11g_Nss1,(6Mbps)_1TX(Port2)	Pass	2.442G	8.81	-21.19	2.13778G	-54.94	2.39924G	-28.14	2.4G	-29.73	2.493G	-52.40	16.49826G	-42.36	2
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.43202G	7.32	-22.68	2.18933G	-54.98	2.3989G	-30.52	2.4G	-36.05	2.48542G	-52.24	24.68252G	-42.81	2

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
802.11b_Nss1,(1Mbps)_1TX(Port2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43649G	13.75	-16.25	2.08739G	-55.03	2.398G	-24.59	2.4G	-29.24	2.52052G	-52.49	24.73871G	-42.67	2
2437MHz	Pass	2.43649G	13.75	-16.25	1.9738G	-54.54	2.39952G	-43.23	2.4G	-47.99	2.488G	-46.82	14.62148G	-39.38	2
2462MHz	Pass	2.43649G	13.75	-16.25	947.15M	-55.05	2.39076G	-52.50	2.4835G	-44.84	2.4835G	-44.18	13.68589G	-42.21	2
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.442G	8.81	-21.19	2.13778G	-54.94	2.39924G	-28.14	2.4G	-29.73	2.493G	-52.40	16.49826G	-42.36	2
2437MHz	Pass	2.442G	8.81	-21.19	2.15554G	-54.96	2.39828G	-34.65	2.4G	-38.78	2.48512G	-42.56	15.20587G	-41.36	2
2462MHz	Pass	2.442G	8.81	-21.19	2.08623G	-54.50	2.39892G	-50.57	2.4835G	-38.71	2.48352G	-36.99	15.25082G	-42.69	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43202G	7.32	-22.68	2.04225G	-54.39	2.39422G	-31.84	2.4G	-38.34	2.48684G	-52.59	23.2946G	-42.56	1
2412MHz	Pass	2.43202G	7.32	-22.68	2.18933G	-54.98	2.3989G	-30.52	2.4G	-36.05	2.48542G	-52.24	24.68252G	-42.81	2
2437MHz	Pass	2.43202G	7.32	-22.68	1.98691G	-55.46	2.39952G	-36.08	2.4G	-39.74	2.48354G	-45.38	15.20867G	-42.37	1
2437MHz	Pass	2.43202G	7.32	-22.68	2.17768G	-54.53	2.39828G	-35.74	2.4G	-38.25	2.48544G	-42.45	24.92414G	-42.63	2
2462MHz	Pass	2.43202G	7.32	-22.68	2.13108G	-54.28	2.3993G	-52.57	2.4835G	-52.34	2.48368G	-41.26	16.3634G	-43.05	1
2462MHz	Pass	2.43202G	7.32	-22.68	2.3035G	-55.80	2.39918G	-53.22	2.4835G	-47.17	2.48478G	-41.62	15.20025G	-42.17	2

802.11b_Nss1,(1Mbps)_1TX(Port2) **CSENdB**

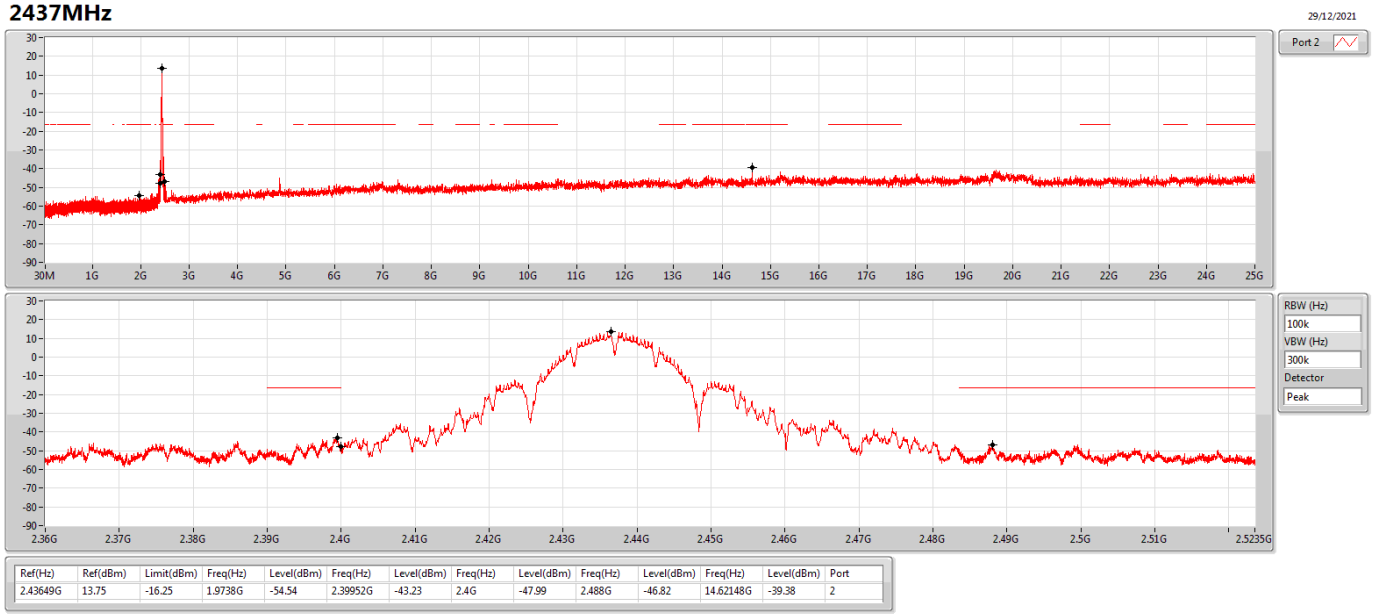
2412MHz



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
2.43649G	13.75	-16.25	2.08739G	-55.03	2.398G	-24.59	2.4G	-29.24	2.52052G	-52.49	24.73871G	-42.67	2

802.11b_Nss1,(1Mbps)_1TX(Port2) **CSENdB**

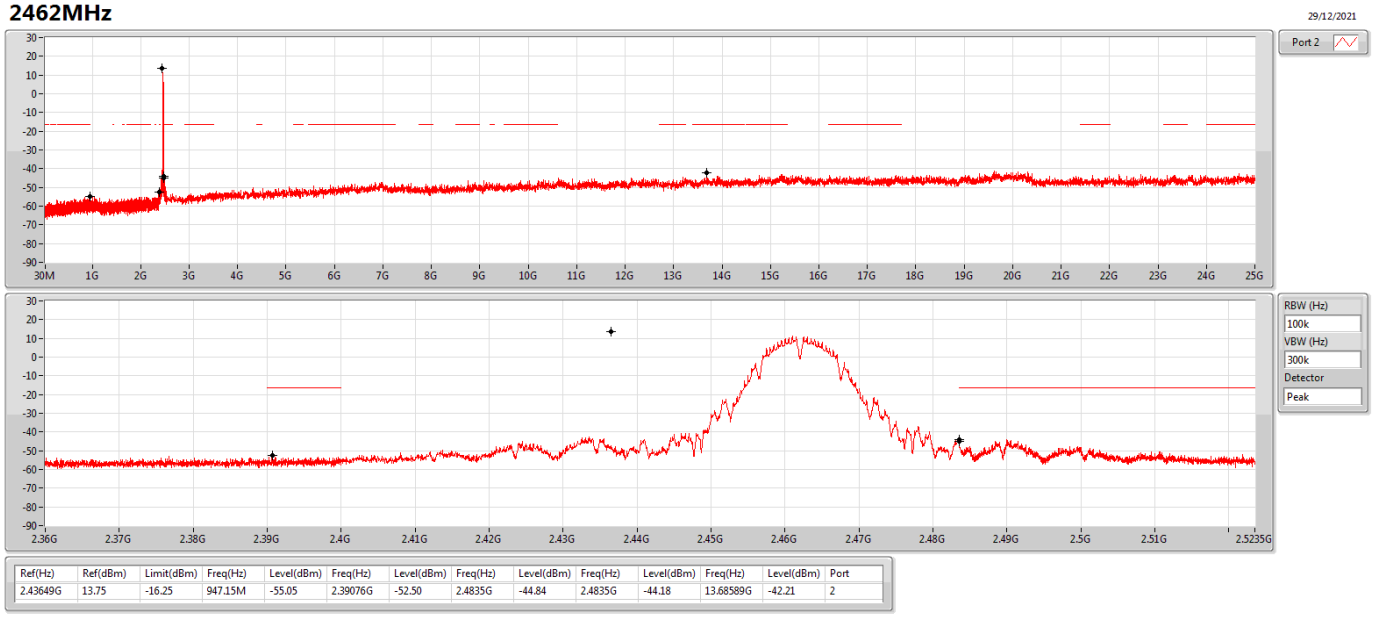
2437MHz



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
2.43649G	13.75	-16.25	1.9738G	-54.54	2.39952G	-43.23	2.4G	-47.99	2.488G	-46.82	14.62148G	-39.38	2

802.11b_Nss1,(1Mbps)_1TX(Port2) **CSENdB**

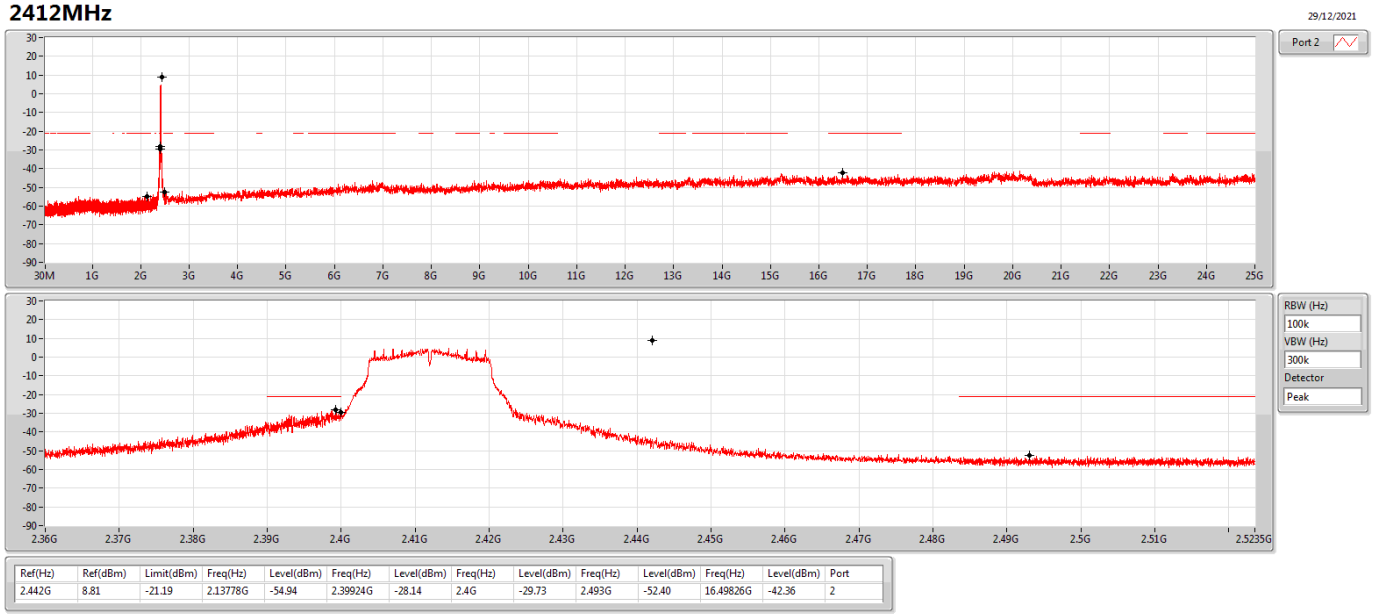
2462MHz



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
2.43649G	13.75	-16.25	947.15M	-55.05	2.39076G	-52.50	2.4835G	-44.84	2.4835G	-44.18	13.68589G	-42.21	2

802.11g_Nss1,(6Mbps)_1TX(Port2) **CSENdB**

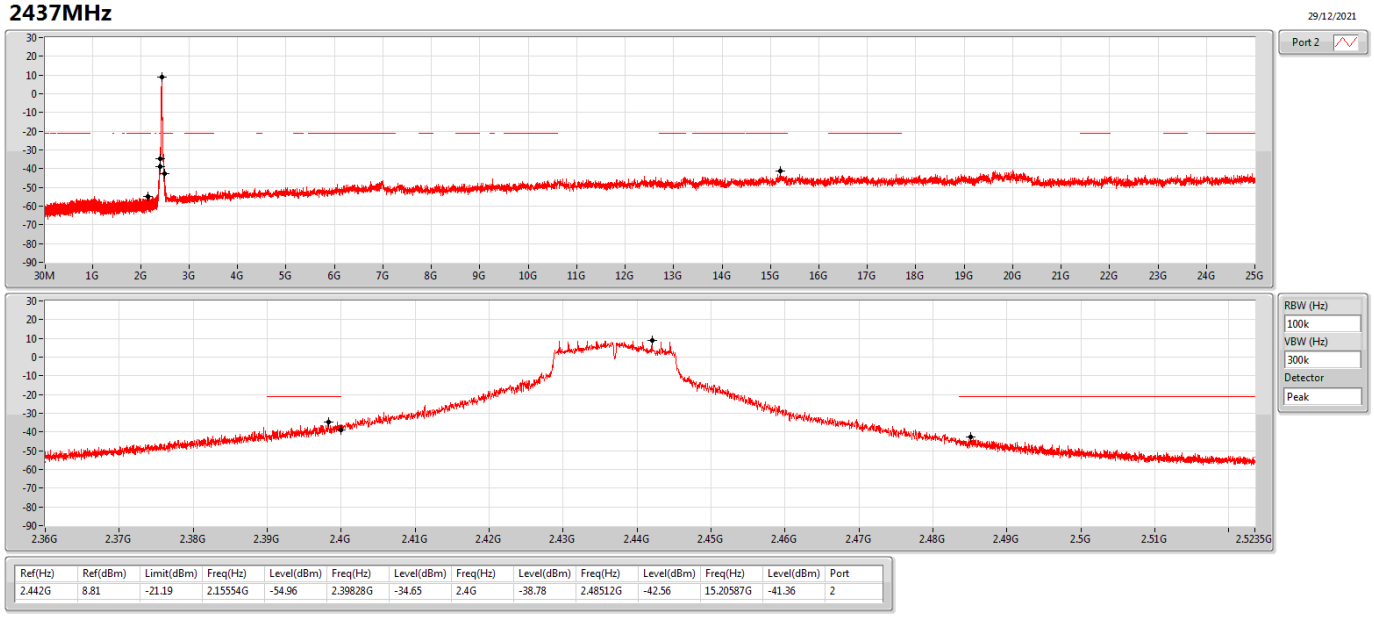
2412MHz



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
2.442G	8.81	-21.19	2.13778G	-54.94	2.39924G	-28.14	2.4G	-29.73	2.493G	-52.40	16.49826G	-42.36	2

802.11g_Nss1,(6Mbps)_1TX(Port2) **CSENdB**

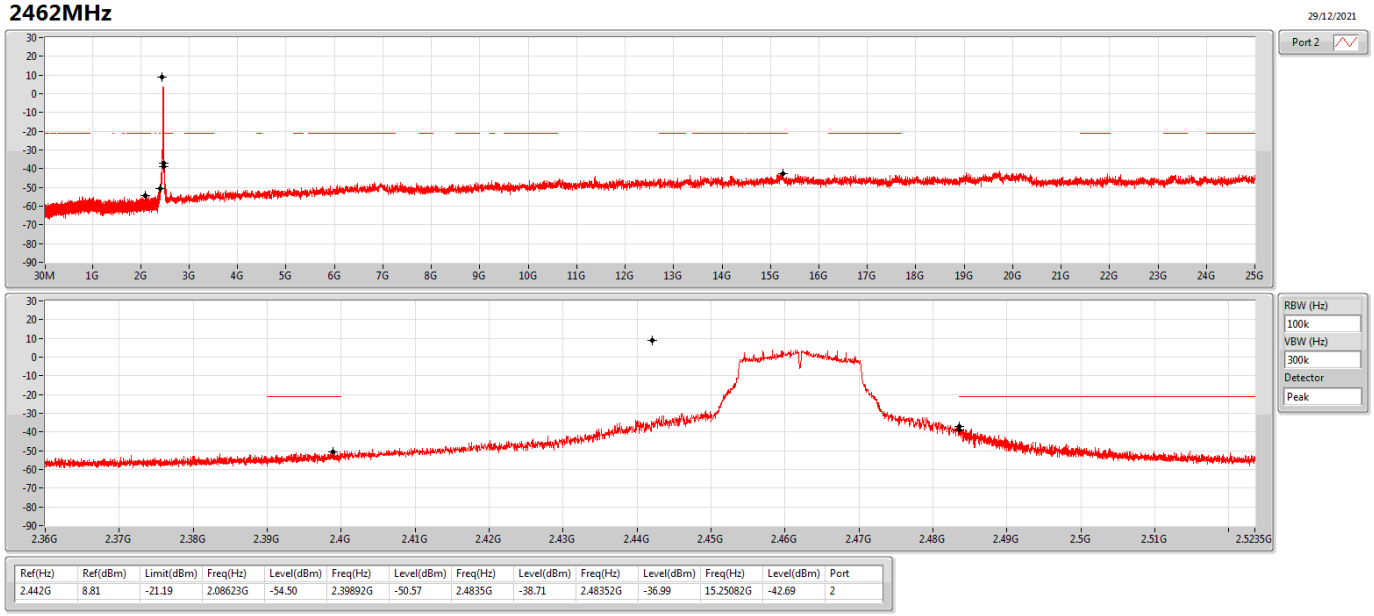
2437MHz



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
2.442G	8.81	-21.19	2.15554G	-54.96	2.39828G	-34.65	2.4G	-38.78	2.48512G	-42.56	15.20587G	-41.36	2

802.11g_Nss1,(6Mbps)_1TX(Port2) **CSENdB**

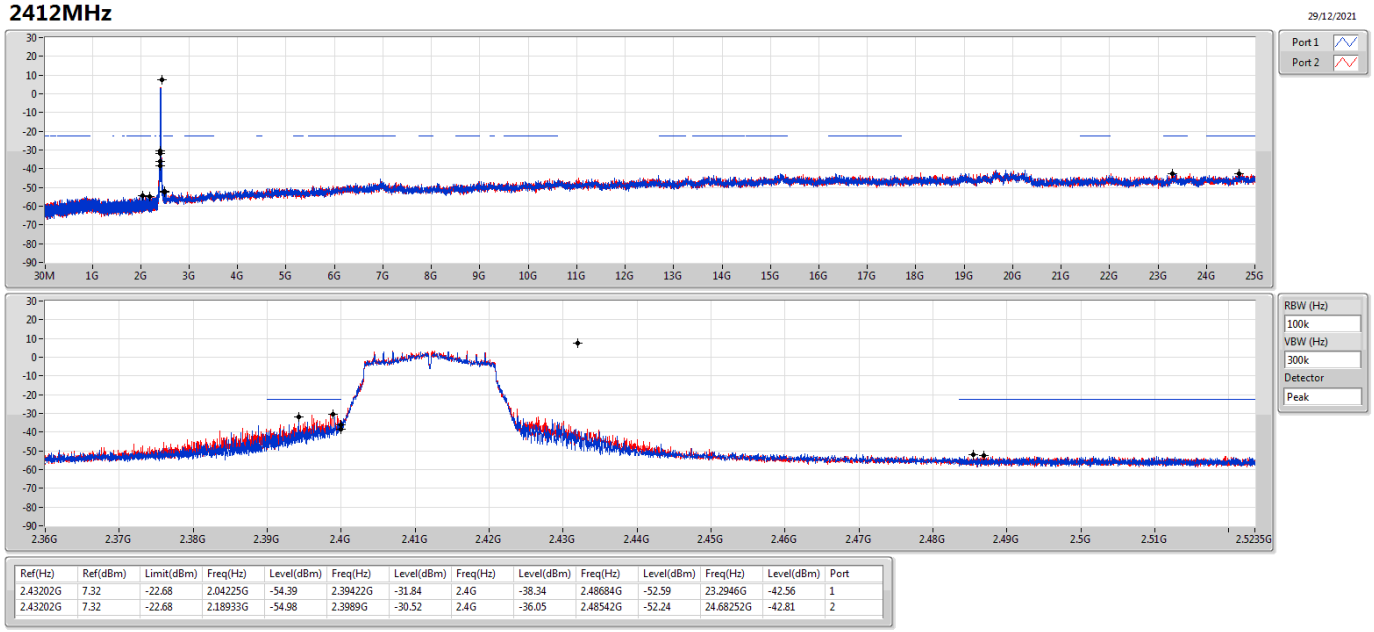
2462MHz



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
2.442G	8.81	-21.19	2.08623G	-54.50	2.39892G	-50.57	2.4835G	-38.71	2.48352G	-36.99	15.25082G	-42.69	2

802.11n HT20_Nss1,(MCS0)_2TX **CSENdB**

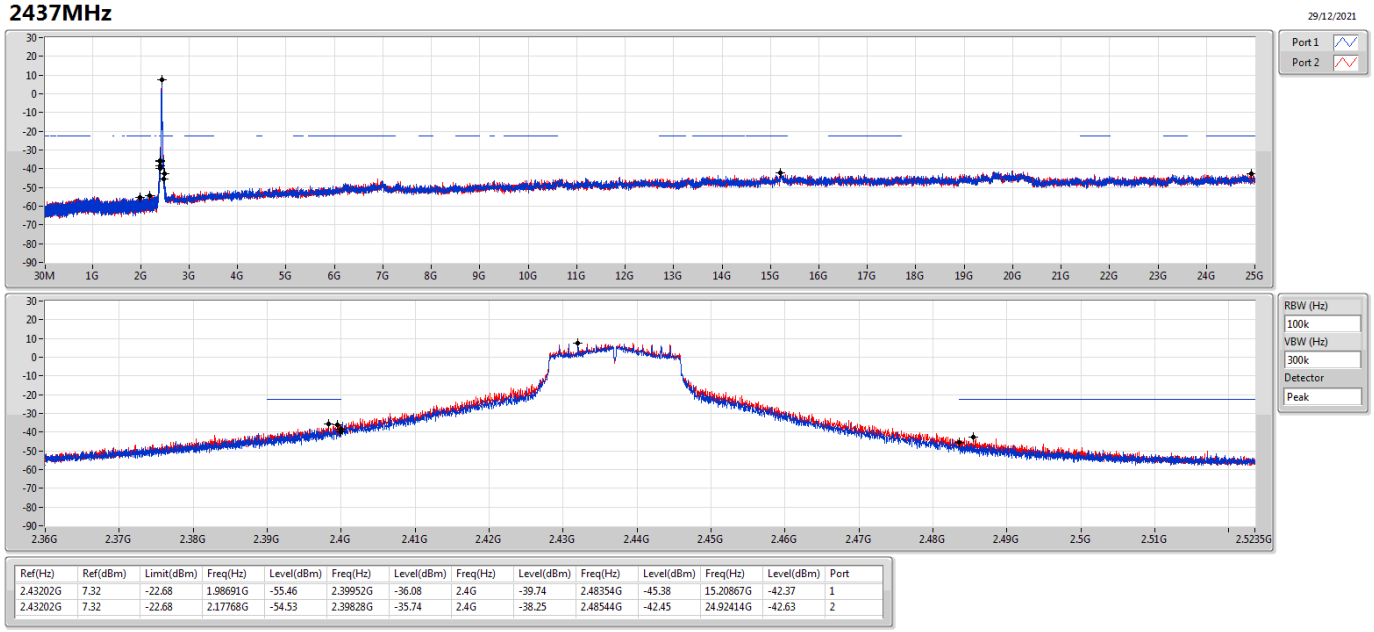
2412MHz



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
2.43202G	7.32	-22.68	2.04225G	-54.39	2.39422G	-31.84	2.4G	-38.34	2.48684G	-52.59	23.2946G	-42.56	1
2.43202G	7.32	-22.68	2.18933G	-54.98	2.3989G	-30.52	2.4G	-36.05	2.48542G	-52.24	24.68252G	-42.81	2

802.11n HT20_Nss1,(MCS0)_2TX **CSENdB**

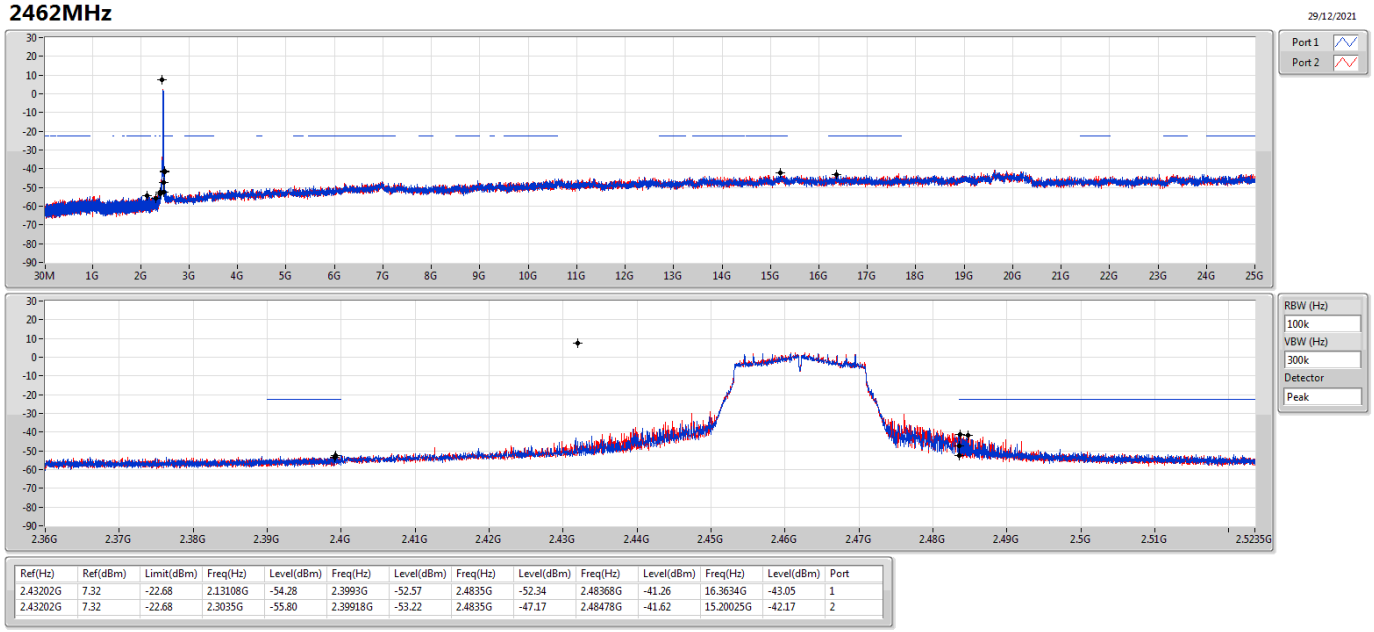
2437MHz



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
2.43202G	7.32	-22.68	1.98691G	-55.46	2.39952G	-36.08	2.4G	-39.74	2.48354G	-45.38	15.20867G	-42.37	1
2.43202G	7.32	-22.68	2.17768G	-54.53	2.39828G	-35.74	2.4G	-38.25	2.48544G	-42.45	24.92414G	-42.63	2

802.11n HT20_Nss1,(MCS0)_2TX **CSENdB**

2462MHz



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
2.43202G	7.32	-22.68	2.13108G	-54.28	2.3993G	-52.57	2.4835G	-52.34	2.48368G	-41.26	16.3634G	-43.05	1
2.43202G	7.32	-22.68	2.3035G	-55.80	2.39918G	-53.22	2.4835G	-47.17	2.48478G	-41.62	15.20025G	-42.17	2

Summary

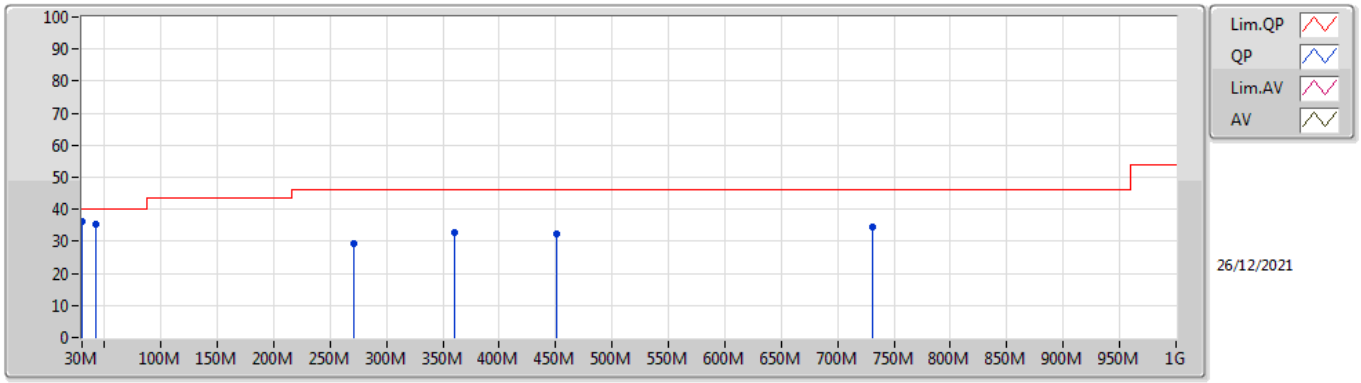
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	PK	30M	36.18	40.00	-3.82	3	Vertical	0	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	30M	36.18	40.00	-3.82	3	Vertical	0	1.00	-
2437MHz	Pass	PK	41.64M	35.42	40.00	-4.58	3	Vertical	0	1.00	-
2437MHz	Pass	PK	270.56M	29.10	46.00	-16.90	3	Vertical	0	1.00	-
2437MHz	Pass	PK	359.8M	32.76	46.00	-13.24	3	Vertical	0	1.00	-
2437MHz	Pass	PK	450.98M	32.53	46.00	-13.47	3	Vertical	0	1.00	-
2437MHz	Pass	PK	730.34M	34.35	46.00	-11.65	3	Vertical	0	1.00	-
2437MHz	Pass	PK	49.4M	33.92	40.00	-6.08	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	179.38M	27.94	43.50	-15.56	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	266.68M	29.91	46.00	-16.09	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	355.92M	34.05	46.00	-11.95	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	565.44M	31.11	46.00	-14.89	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	699.3M	35.11	46.00	-10.89	3	Horizontal	360	1.00	-

802.11n HT20_Nss1,(MCS0)_2TX

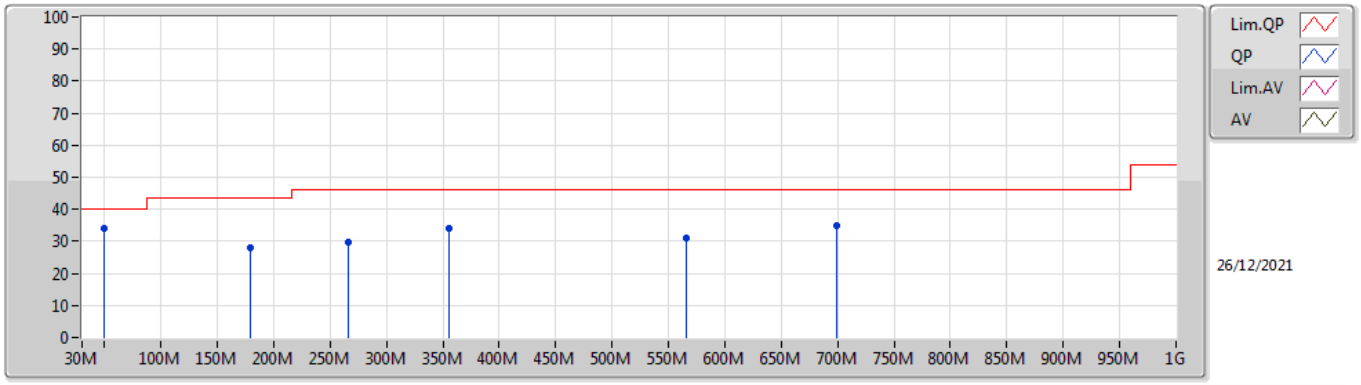
2437MHz_Switching Power Supply



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	36.18	40.00	-3.82	-2.87	3	Vertical	0	1.00	-	39.05	23.26	0.86	26.99
PK	41.64M	35.42	40.00	-4.58	-9.66	3	Vertical	0	1.00	-	45.08	16.80	0.98	27.44
PK	270.56M	29.10	46.00	-16.90	-6.74	3	Vertical	0	1.00	-	35.84	18.06	2.24	27.04
PK	359.8M	32.76	46.00	-13.24	-4.90	3	Vertical	0	1.00	-	37.66	19.93	2.59	27.42
PK	450.98M	32.53	46.00	-13.47	-3.25	3	Vertical	0	1.00	-	35.78	21.93	2.90	28.08
PK	730.34M	34.35	46.00	-11.65	0.20	3	Vertical	0	1.00	-	34.15	24.68	3.66	28.14

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_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	49.4M	33.92	40.00	-6.08	-13.19	3	Horizontal	360	1.00	-	47.11	13.45	1.06	27.70
PK	179.38M	27.94	43.50	-15.56	-11.09	3	Horizontal	360	1.00	-	39.03	14.51	1.86	27.46
PK	266.68M	29.91	46.00	-16.09	-6.40	3	Horizontal	360	1.00	-	36.31	18.41	2.22	27.03
PK	355.92M	34.05	46.00	-11.95	-5.00	3	Horizontal	360	1.00	-	39.05	19.81	2.57	27.38
PK	565.44M	31.11	46.00	-14.89	-1.15	3	Horizontal	360	1.00	-	32.26	23.95	3.25	28.35
PK	699.3M	35.11	46.00	-10.89	-0.47	3	Horizontal	360	1.00	-	35.58	24.17	3.60	28.24

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	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX(Port2)	Pass	AV	2.3876G	53.26	54.00	-0.74	3	Horizontal	184	1.33	-
802.11g_Nss1,(6Mbps)_1TX(Port2)	Pass	AV	2.3894G	53.80	54.00	-0.20	3	Horizontal	195	1.00	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	AV	2.4836G	53.35	54.00	-0.65	3	Horizontal	175	1.48	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_1TX(Port2)	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3878G	48.06	54.00	-5.94	3	Vertical	270	2.72	-
2412MHz	Pass	AV	2.4128G	100.75	Inf	-Inf	3	Vertical	270	2.72	-
2412MHz	Pass	PK	2.3882G	59.80	74.00	-14.20	3	Vertical	270	2.72	-
2412MHz	Pass	PK	2.413G	104.70	Inf	-Inf	3	Vertical	270	2.72	-
2412MHz	Pass	AV	2.3876G	53.26	54.00	-0.74	3	Horizontal	184	1.33	-
2412MHz	Pass	AV	2.4112G	108.74	Inf	-Inf	3	Horizontal	184	1.33	-
2412MHz	Pass	PK	2.388G	62.14	74.00	-11.86	3	Horizontal	184	1.33	-
2412MHz	Pass	PK	2.411G	112.52	Inf	-Inf	3	Horizontal	184	1.33	-
2412MHz	Pass	AV	4.82398G	35.19	54.00	-18.81	3	Vertical	131	1.91	-
2412MHz	Pass	PK	4.82408G	45.09	74.00	-28.91	3	Vertical	131	1.91	-
2412MHz	Pass	AV	4.82396G	44.24	54.00	-9.76	3	Horizontal	204	2.08	-
2412MHz	Pass	PK	4.824G	49.07	74.00	-24.93	3	Horizontal	204	2.08	-
2417MHz	Pass	AV	2.39G	49.17	54.00	-4.83	3	Vertical	258	3.00	-
2417MHz	Pass	AV	2.4162G	100.42	Inf	-Inf	3	Vertical	258	3.00	-
2417MHz	Pass	PK	2.3772G	59.56	74.00	-14.44	3	Vertical	258	3.00	-
2417MHz	Pass	PK	2.416G	104.28	Inf	-Inf	3	Vertical	258	3.00	-
2417MHz	Pass	AV	2.39G	52.42	54.00	-1.58	3	Horizontal	181	1.50	-
2417MHz	Pass	AV	2.4162G	107.06	Inf	-Inf	3	Horizontal	181	1.50	-
2417MHz	Pass	PK	2.3776G	61.13	74.00	-12.87	3	Horizontal	181	1.50	-
2417MHz	Pass	PK	2.416G	110.76	Inf	-Inf	3	Horizontal	181	1.50	-
2437MHz	Pass	AV	2.3862G	47.34	54.00	-6.66	3	Vertical	257	2.95	-
2437MHz	Pass	AV	2.4378G	100.71	Inf	-Inf	3	Vertical	257	2.95	-
2437MHz	Pass	AV	2.4882G	47.01	54.00	-6.99	3	Vertical	257	2.95	-
2437MHz	Pass	PK	2.355G	59.04	74.00	-14.96	3	Vertical	257	2.95	-
2437MHz	Pass	PK	2.4378G	104.90	Inf	-Inf	3	Vertical	257	2.95	-
2437MHz	Pass	PK	2.4878G	58.56	74.00	-15.44	3	Vertical	257	2.95	-
2437MHz	Pass	AV	2.3862G	48.92	54.00	-5.08	3	Horizontal	187	1.16	-
2437MHz	Pass	AV	2.4362G	105.93	Inf	-Inf	3	Horizontal	187	1.16	-
2437MHz	Pass	AV	2.4882G	48.07	54.00	-5.93	3	Horizontal	187	1.16	-
2437MHz	Pass	PK	2.375G	60.00	74.00	-14.00	3	Horizontal	187	1.16	-
2437MHz	Pass	PK	2.4362G	109.84	Inf	-Inf	3	Horizontal	187	1.16	-
2437MHz	Pass	PK	2.4966G	59.23	74.00	-14.77	3	Horizontal	187	1.16	-
2437MHz	Pass	AV	4.874G	36.88	54.00	-17.12	3	Vertical	250	1.50	-
2437MHz	Pass	AV	7.3102G	38.63	54.00	-15.37	3	Vertical	195	1.30	-
2437MHz	Pass	PK	4.87388G	44.77	74.00	-29.23	3	Vertical	250	1.50	-
2437MHz	Pass	PK	7.31056G	51.25	74.00	-22.75	3	Vertical	195	1.30	-
2437MHz	Pass	AV	4.874G	44.23	54.00	-9.77	3	Horizontal	203	1.50	-
2437MHz	Pass	AV	7.31028G	38.59	54.00	-15.41	3	Horizontal	272	1.50	-
2437MHz	Pass	PK	4.87392G	48.65	74.00	-25.35	3	Horizontal	203	1.50	-
2437MHz	Pass	PK	7.31016G	50.27	74.00	-23.73	3	Horizontal	272	1.50	-
2457MHz	Pass	AV	2.4562G	101.22	Inf	-Inf	3	Vertical	256	2.97	-
2457MHz	Pass	AV	2.4864G	47.90	54.00	-6.10	3	Vertical	256	2.97	-
2457MHz	Pass	PK	2.456G	104.96	Inf	-Inf	3	Vertical	256	2.97	-
2457MHz	Pass	PK	2.4976G	59.96	74.00	-14.04	3	Vertical	256	2.97	-
2457MHz	Pass	AV	2.4562G	105.98	Inf	-Inf	3	Horizontal	184	1.28	-
2457MHz	Pass	AV	2.4862G	49.56	54.00	-4.44	3	Horizontal	184	1.28	-
2457MHz	Pass	PK	2.456G	109.89	Inf	-Inf	3	Horizontal	184	1.28	-
2457MHz	Pass	PK	2.486G	60.97	74.00	-13.03	3	Horizontal	184	1.28	-
2462MHz	Pass	AV	2.4612G	100.59	Inf	-Inf	3	Vertical	255	2.97	-
2462MHz	Pass	AV	2.4835G	49.07	54.00	-4.93	3	Vertical	255	2.97	-
2462MHz	Pass	PK	2.463G	104.44	Inf	-Inf	3	Vertical	255	2.97	-
2462MHz	Pass	PK	2.4836G	59.06	74.00	-14.94	3	Vertical	255	2.97	-
2462MHz	Pass	AV	2.4612G	105.23	Inf	-Inf	3	Horizontal	183	1.30	-
2462MHz	Pass	AV	2.4835G	52.01	54.00	-1.99	3	Horizontal	183	1.30	-
2462MHz	Pass	PK	2.461G	108.91	Inf	-Inf	3	Horizontal	183	1.30	-
2462MHz	Pass	PK	2.4835G	61.16	74.00	-12.84	3	Horizontal	183	1.30	-
2462MHz	Pass	AV	4.924G	37.06	54.00	-16.94	3	Vertical	232	2.89	-
2462MHz	Pass	AV	7.385G	36.41	54.00	-17.59	3	Vertical	175	1.50	-
2462MHz	Pass	PK	4.92408G	45.75	74.00	-28.25	3	Vertical	232	2.89	-
2462MHz	Pass	PK	7.38516G	49.85	74.00	-24.15	3	Vertical	175	1.50	-

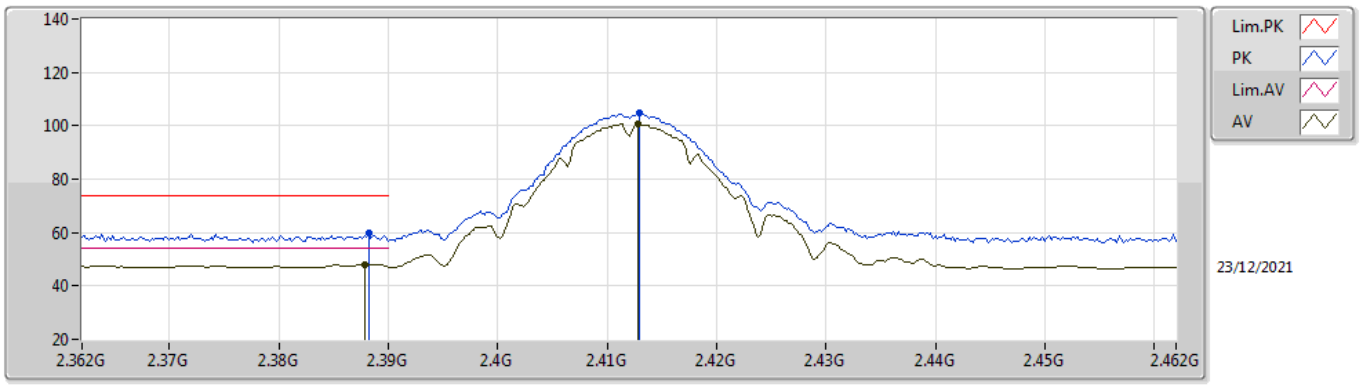
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	AV	4.924G	43.61	54.00	-10.39	3	Horizontal	185	1.56	-
2462MHz	Pass	AV	7.38676G	36.47	54.00	-17.53	3	Horizontal	313	1.50	-
2462MHz	Pass	PK	4.92388G	48.38	74.00	-25.62	3	Horizontal	185	1.56	-
2462MHz	Pass	PK	7.38716G	49.86	74.00	-24.14	3	Horizontal	313	1.50	-
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	49.52	54.00	-4.48	3	Vertical	260	3.00	-
2412MHz	Pass	AV	2.4114G	91.81	Inf	-Inf	3	Vertical	260	3.00	-
2412MHz	Pass	PK	2.3896G	65.72	74.00	-8.28	3	Vertical	260	3.00	-
2412MHz	Pass	PK	2.4112G	100.77	Inf	-Inf	3	Vertical	260	3.00	-
2412MHz	Pass	AV	2.3894G	52.37	54.00	-1.63	3	Horizontal	184	1.35	-
2412MHz	Pass	AV	2.4114G	98.01	Inf	-Inf	3	Horizontal	184	1.35	-
2412MHz	Pass	PK	2.39G	72.31	74.00	-1.69	3	Horizontal	184	1.35	-
2412MHz	Pass	PK	2.4102G	107.18	Inf	-Inf	3	Horizontal	184	1.35	-
2412MHz	Pass	AV	4.82936G	29.57	54.00	-24.43	3	Vertical	238	1.40	-
2412MHz	Pass	PK	4.8148G	42.22	74.00	-31.78	3	Vertical	238	1.40	-
2412MHz	Pass	AV	4.82076G	30.08	54.00	-23.92	3	Horizontal	36	1.52	-
2412MHz	Pass	PK	4.82868G	43.28	74.00	-30.72	3	Horizontal	36	1.52	-
2417MHz	Pass	AV	2.39G	49.60	54.00	-4.40	3	Vertical	259	3.00	-
2417MHz	Pass	AV	2.4164G	94.37	Inf	-Inf	3	Vertical	259	3.00	-
2417MHz	Pass	PK	2.3876G	64.14	74.00	-9.86	3	Vertical	259	3.00	-
2417MHz	Pass	PK	2.4152G	103.68	Inf	-Inf	3	Vertical	259	3.00	-
2417MHz	Pass	AV	2.3892G	52.14	54.00	-1.86	3	Horizontal	180	1.53	-
2417MHz	Pass	AV	2.4164G	101.13	Inf	-Inf	3	Horizontal	180	1.53	-
2417MHz	Pass	PK	2.3864G	68.90	74.00	-5.10	3	Horizontal	180	1.53	-
2417MHz	Pass	PK	2.4154G	110.33	Inf	-Inf	3	Horizontal	180	1.53	-
2437MHz	Pass	AV	2.389G	49.03	54.00	-4.97	3	Vertical	254	2.94	-
2437MHz	Pass	AV	2.4366G	96.88	Inf	-Inf	3	Vertical	254	2.94	-
2437MHz	Pass	AV	2.4835G	49.22	54.00	-4.78	3	Vertical	254	2.94	-
2437MHz	Pass	PK	2.3886G	60.50	74.00	-13.50	3	Vertical	254	2.94	-
2437MHz	Pass	PK	2.4378G	106.20	Inf	-Inf	3	Vertical	254	2.94	-
2437MHz	Pass	PK	2.487G	61.67	74.00	-12.33	3	Vertical	254	2.94	-
2437MHz	Pass	AV	2.3894G	53.80	54.00	-0.20	3	Horizontal	195	1.00	-
2437MHz	Pass	AV	2.4362G	102.40	Inf	-Inf	3	Horizontal	195	1.00	-
2437MHz	Pass	AV	2.4838G	52.20	54.00	-1.80	3	Horizontal	195	1.00	-
2437MHz	Pass	PK	2.385G	65.86	74.00	-8.14	3	Horizontal	195	1.00	-
2437MHz	Pass	PK	2.4354G	111.61	Inf	-Inf	3	Horizontal	195	1.00	-
2437MHz	Pass	PK	2.4835G	65.39	74.00	-8.61	3	Horizontal	195	1.00	-
2437MHz	Pass	AV	4.87736G	29.95	54.00	-24.05	3	Vertical	261	2.58	-
2437MHz	Pass	AV	7.31192G	36.57	54.00	-17.43	3	Vertical	186	1.31	-
2437MHz	Pass	PK	4.87464G	43.43	74.00	-30.57	3	Vertical	261	2.58	-
2437MHz	Pass	PK	7.31052G	49.50	74.00	-24.50	3	Vertical	186	1.31	-
2437MHz	Pass	AV	4.87512G	31.62	54.00	-22.38	3	Horizontal	201	1.49	-
2437MHz	Pass	AV	7.31012G	36.67	54.00	-17.33	3	Horizontal	274	1.47	-
2437MHz	Pass	PK	4.87872G	44.45	74.00	-29.55	3	Horizontal	201	1.49	-
2437MHz	Pass	PK	7.3122G	49.89	74.00	-24.11	3	Horizontal	274	1.47	-
2457MHz	Pass	AV	2.4562G	96.02	Inf	-Inf	3	Vertical	254	2.96	-
2457MHz	Pass	AV	2.4835G	49.63	54.00	-4.37	3	Vertical	254	2.96	-
2457MHz	Pass	PK	2.4554G	105.14	Inf	-Inf	3	Vertical	254	2.96	-
2457MHz	Pass	PK	2.4836G	65.98	74.00	-8.02	3	Vertical	254	2.96	-
2457MHz	Pass	PK	2.4552G	109.94	Inf	-Inf	3	Horizontal	184	1.26	-
2457MHz	Pass	AV	2.4562G	100.73	Inf	-Inf	3	Horizontal	184	1.26	-
2457MHz	Pass	PK	2.4835G	68.42	74.00	-5.58	3	Horizontal	184	1.26	-
2457MHz	Pass	AV	2.4835G	50.93	54.00	-3.07	3	Horizontal	184	1.26	-
2462MHz	Pass	AV	2.4614G	94.44	Inf	-Inf	3	Vertical	254	2.96	-
2462MHz	Pass	AV	2.4836G	49.21	54.00	-4.79	3	Vertical	254	2.96	-
2462MHz	Pass	PK	2.4628G	103.67	Inf	-Inf	3	Vertical	254	2.96	-
2462MHz	Pass	PK	2.4838G	67.97	74.00	-6.03	3	Vertical	254	2.96	-
2462MHz	Pass	AV	2.4614G	98.87	Inf	-Inf	3	Horizontal	183	1.30	-
2462MHz	Pass	AV	2.4835G	51.30	54.00	-2.70	3	Horizontal	183	1.30	-
2462MHz	Pass	PK	2.4604G	108.17	Inf	-Inf	3	Horizontal	183	1.30	-
2462MHz	Pass	PK	2.4842G	71.40	74.00	-2.60	3	Horizontal	183	1.30	-
2462MHz	Pass	AV	4.92972G	29.91	54.00	-24.09	3	Vertical	68	2.90	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	AV	7.37908G	36.25	54.00	-17.75	3	Vertical	295	2.56	-
2462MHz	Pass	PK	4.92344G	42.76	74.00	-31.24	3	Vertical	68	2.90	-
2462MHz	Pass	PK	7.3948G	49.62	74.00	-24.38	3	Vertical	295	2.56	-
2462MHz	Pass	AV	4.92552G	31.39	54.00	-22.61	3	Horizontal	186	1.50	-
2462MHz	Pass	AV	7.3774G	36.21	54.00	-17.79	3	Horizontal	269	1.50	-
2462MHz	Pass	PK	4.92436G	44.13	74.00	-29.87	3	Horizontal	186	1.50	-
2462MHz	Pass	PK	7.39528G	49.65	74.00	-24.35	3	Horizontal	269	1.50	-
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3896G	48.32	54.00	-5.68	3	Vertical	271	2.76	-
2412MHz	Pass	AV	2.4126G	94.83	Inf	-Inf	3	Vertical	271	2.76	-
2412MHz	Pass	PK	2.3876G	64.04	74.00	-9.96	3	Vertical	271	2.76	-
2412MHz	Pass	PK	2.4114G	104.03	Inf	-Inf	3	Vertical	271	2.76	-
2412MHz	Pass	AV	2.39G	52.42	54.00	-1.58	3	Horizontal	177	1.82	-
2412MHz	Pass	AV	2.4124G	102.43	Inf	-Inf	3	Horizontal	177	1.82	-
2412MHz	Pass	PK	2.3884G	73.27	74.00	-0.73	3	Horizontal	177	1.82	-
2412MHz	Pass	PK	2.4108G	111.62	Inf	-Inf	3	Horizontal	177	1.82	-
2412MHz	Pass	AV	4.82244G	31.74	54.00	-22.26	3	Vertical	94	2.74	-
2412MHz	Pass	PK	4.81632G	45.43	74.00	-28.57	3	Vertical	94	2.74	-
2412MHz	Pass	AV	4.82312G	34.74	54.00	-19.26	3	Horizontal	152	1.69	-
2412MHz	Pass	PK	4.8256G	47.77	74.00	-26.23	3	Horizontal	152	1.69	-
2417MHz	Pass	AV	2.389G	48.74	54.00	-5.26	3	Vertical	272	2.68	-
2417MHz	Pass	AV	2.4174G	95.49	Inf	-Inf	3	Vertical	272	2.68	-
2417MHz	Pass	PK	2.385G	63.99	74.00	-10.01	3	Vertical	272	2.68	-
2417MHz	Pass	PK	2.4176G	104.96	Inf	-Inf	3	Vertical	272	2.68	-
2417MHz	Pass	AV	2.3892G	51.96	54.00	-2.04	3	Horizontal	180	1.50	-
2417MHz	Pass	AV	2.4174G	102.23	Inf	-Inf	3	Horizontal	180	1.50	-
2417MHz	Pass	PK	2.3898G	72.65	74.00	-1.35	3	Horizontal	180	1.50	-
2417MHz	Pass	PK	2.4182G	112.16	Inf	-Inf	3	Horizontal	180	1.50	-
2437MHz	Pass	AV	2.3898G	48.84	54.00	-5.16	3	Vertical	276	2.81	-
2437MHz	Pass	AV	2.4366G	97.45	Inf	-Inf	3	Vertical	276	2.81	-
2437MHz	Pass	AV	2.4835G	48.68	54.00	-5.32	3	Vertical	276	2.81	-
2437MHz	Pass	PK	2.3898G	60.13	74.00	-13.87	3	Vertical	276	2.81	-
2437MHz	Pass	PK	2.4374G	106.56	Inf	-Inf	3	Vertical	276	2.81	-
2437MHz	Pass	PK	2.4842G	61.69	74.00	-12.31	3	Vertical	276	2.81	-
2437MHz	Pass	AV	2.3898G	52.55	54.00	-1.45	3	Horizontal	176	1.68	-
2437MHz	Pass	AV	2.4374G	103.37	Inf	-Inf	3	Horizontal	176	1.68	-
2437MHz	Pass	AV	2.4835G	50.39	54.00	-3.61	3	Horizontal	176	1.68	-
2437MHz	Pass	PK	2.3854G	66.06	74.00	-7.94	3	Horizontal	176	1.68	-
2437MHz	Pass	PK	2.4358G	111.86	Inf	-Inf	3	Horizontal	176	1.68	-
2437MHz	Pass	PK	2.4835G	67.91	74.00	-6.09	3	Horizontal	176	1.68	-
2437MHz	Pass	AV	4.87508G	31.22	54.00	-22.78	3	Vertical	238	1.52	-
2437MHz	Pass	AV	7.31504G	36.57	54.00	-17.43	3	Vertical	211	1.50	-
2437MHz	Pass	PK	4.86784G	44.58	74.00	-29.42	3	Vertical	238	1.52	-
2437MHz	Pass	PK	7.30472G	49.31	74.00	-24.69	3	Vertical	211	1.50	-
2437MHz	Pass	AV	4.87552G	36.71	54.00	-17.29	3	Horizontal	154	1.70	-
2437MHz	Pass	AV	7.30812G	38.14	54.00	-15.86	3	Horizontal	234	2.05	-
2437MHz	Pass	PK	4.87536G	49.18	74.00	-24.82	3	Horizontal	154	1.70	-
2437MHz	Pass	PK	7.31132G	52.57	74.00	-21.43	3	Horizontal	234	2.05	-
2457MHz	Pass	AV	2.4566G	97.70	Inf	-Inf	3	Vertical	96	2.97	-
2457MHz	Pass	AV	2.4835G	50.33	54.00	-3.67	3	Vertical	96	2.97	-
2457MHz	Pass	PK	2.4564G	106.96	Inf	-Inf	3	Vertical	96	2.97	-
2457MHz	Pass	PK	2.485G	66.81	74.00	-7.19	3	Vertical	96	2.97	-
2457MHz	Pass	AV	2.4574G	103.14	Inf	-Inf	3	Horizontal	175	1.48	-
2457MHz	Pass	AV	2.4836G	53.35	54.00	-0.65	3	Horizontal	175	1.48	-
2457MHz	Pass	PK	2.4564G	112.73	Inf	-Inf	3	Horizontal	175	1.48	-
2457MHz	Pass	PK	2.4836G	70.84	74.00	-3.16	3	Horizontal	175	1.48	-
2462MHz	Pass	AV	2.4616G	94.13	Inf	-Inf	3	Vertical	269	2.94	-
2462MHz	Pass	AV	2.4835G	47.78	54.00	-6.22	3	Vertical	269	2.94	-
2462MHz	Pass	PK	2.4604G	103.36	Inf	-Inf	3	Vertical	269	2.94	-
2462MHz	Pass	PK	2.4838G	65.40	74.00	-8.60	3	Vertical	269	2.94	-
2462MHz	Pass	AV	2.4624G	100.33	Inf	-Inf	3	Horizontal	175	1.50	-
2462MHz	Pass	AV	2.4838G	49.65	54.00	-4.35	3	Horizontal	175	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	PK	2.4614G	109.59	Inf	-Inf	3	Horizontal	175	1.50	-
2462MHz	Pass	PK	2.4838G	71.95	74.00	-2.05	3	Horizontal	175	1.50	-
2462MHz	Pass	AV	4.92384G	31.92	54.00	-22.08	3	Vertical	65	3.00	-
2462MHz	Pass	AV	7.3818G	36.30	54.00	-17.70	3	Vertical	56	1.50	-
2462MHz	Pass	PK	4.9234G	44.95	74.00	-29.05	3	Vertical	65	3.00	-
2462MHz	Pass	PK	7.39388G	49.78	74.00	-24.22	3	Vertical	56	1.50	-
2462MHz	Pass	AV	4.92548G	33.51	54.00	-20.49	3	Horizontal	37	2.82	-
2462MHz	Pass	AV	7.3798G	36.40	54.00	-17.60	3	Horizontal	223	1.50	-
2462MHz	Pass	PK	4.91972G	46.43	74.00	-27.57	3	Horizontal	37	2.82	-
2462MHz	Pass	PK	7.37988G	49.22	74.00	-24.78	3	Horizontal	223	1.50	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

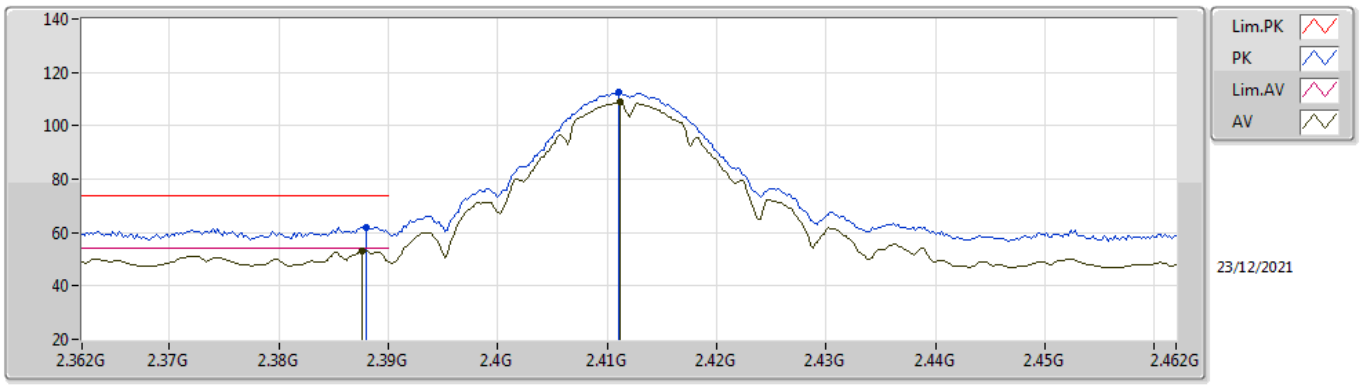
2412MHz_TX



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	2.3878G	48.06	54.00	-5.94	34.97	3	Vertical	270	2.72	-	13.09	27.72	7.25	-
AV	2.4128G	100.75	Inf	-Inf	34.89	3	Vertical	270	2.72	-	65.86	27.62	7.27	-
PK	2.3882G	59.80	74.00	-14.20	34.97	3	Vertical	270	2.72	-	24.83	27.72	7.25	-
PK	2.413G	104.70	Inf	-Inf	34.89	3	Vertical	270	2.72	-	69.81	27.62	7.27	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

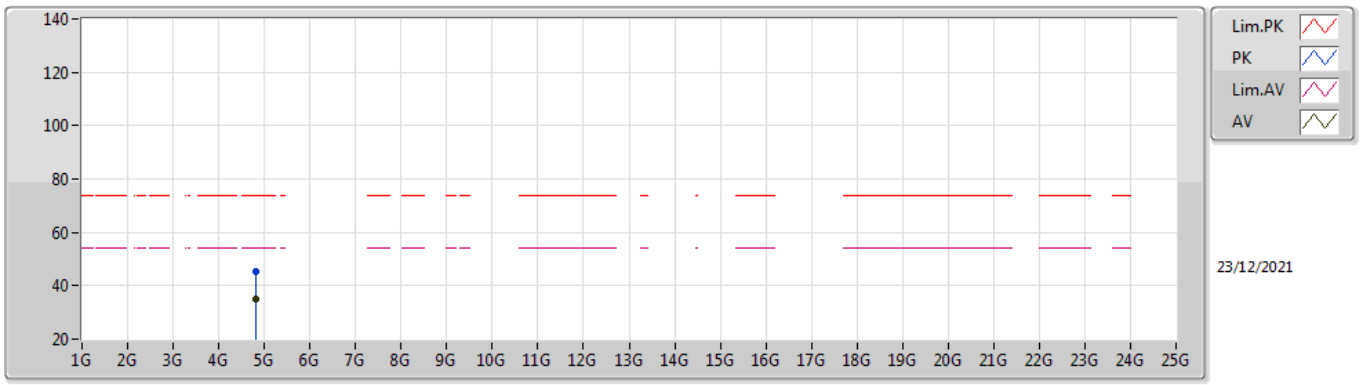
2412MHz_TX



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	2.3876G	53.26	54.00	-0.74	34.97	3	Horizontal	184	1.33	-	18.29	27.72	7.25	-
AV	2.4112G	108.74	Inf	-Inf	34.90	3	Horizontal	184	1.33	-	73.84	27.63	7.27	-
PK	2.388G	62.14	74.00	-11.86	34.97	3	Horizontal	184	1.33	-	27.17	27.72	7.25	-
PK	2.411G	112.52	Inf	-Inf	34.90	3	Horizontal	184	1.33	-	77.62	27.63	7.27	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

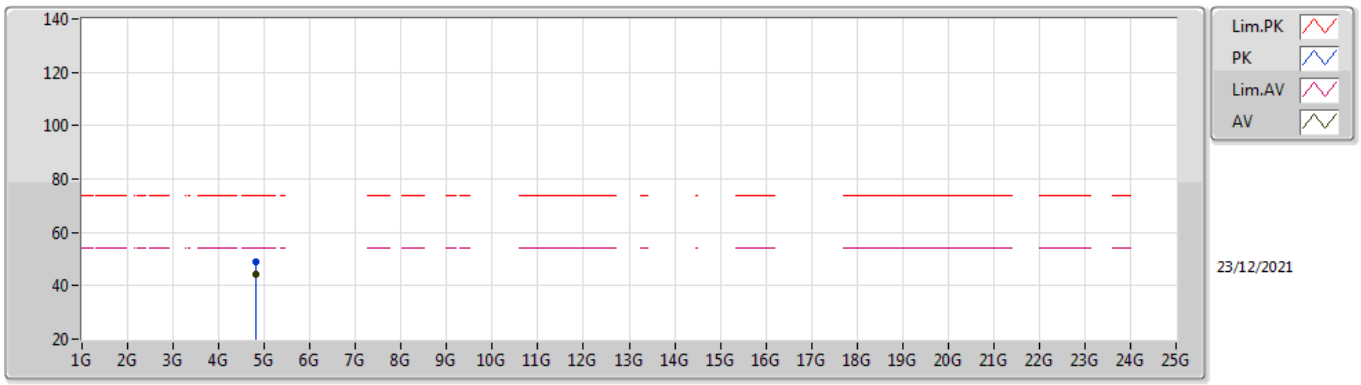
2412MHz_TX



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	4.82398G	35.19	54.00	-18.81	5.89	3	Vertical	131	1.91	-	29.30	31.15	8.92	34.18
PK	4.82408G	45.09	74.00	-28.91	5.89	3	Vertical	131	1.91	-	39.20	31.15	8.92	34.18

802.11b_Nss1,(1Mbps)_1TX(Port2)

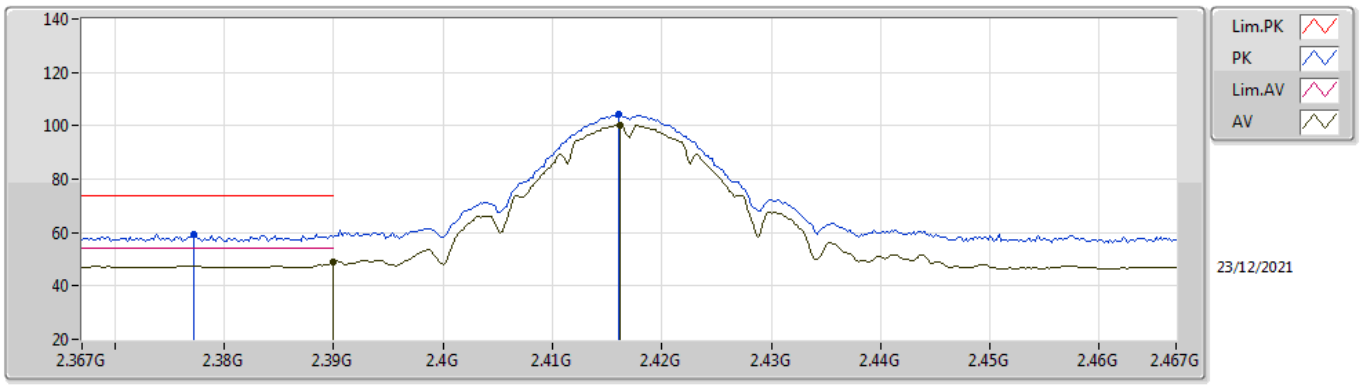
2412MHz_TX



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	4.82396G	44.24	54.00	-9.76	5.89	3	Horizontal	204	2.08	-	38.35	31.15	8.92	34.18
PK	4.824G	49.07	74.00	-24.93	5.89	3	Horizontal	204	2.08	-	43.18	31.15	8.92	34.18

802.11b_Nss1,(1Mbps)_1TX(Port2)

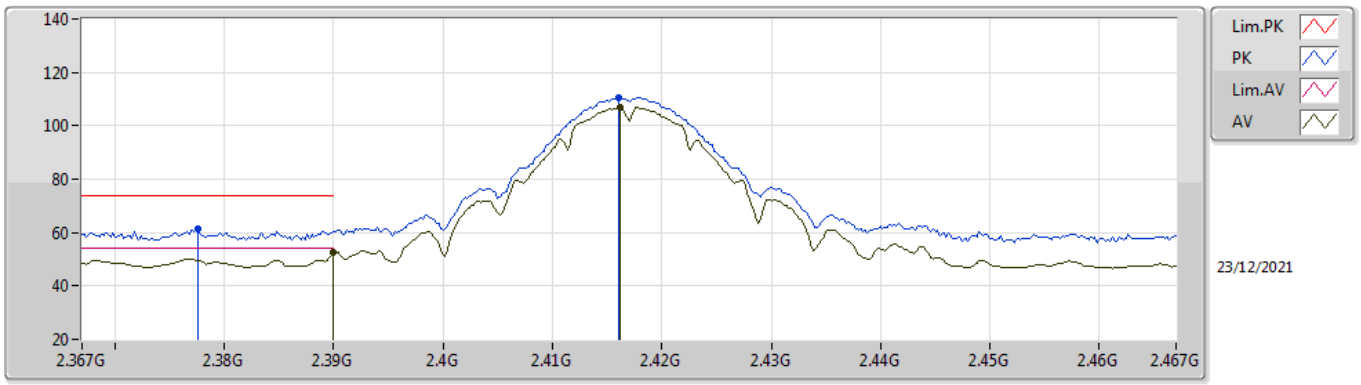
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	49.17	54.00	-4.83	34.98	3	Vertical	258	3.00	-	14.19	27.72	7.26	-
AV	2.4162G	100.42	Inf	-Inf	34.87	3	Vertical	258	3.00	-	65.55	27.60	7.27	-
PK	2.3772G	59.56	74.00	-14.44	35.00	3	Vertical	258	3.00	-	24.56	27.75	7.25	-
PK	2.416G	104.28	Inf	-Inf	34.87	3	Vertical	258	3.00	-	69.41	27.60	7.27	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

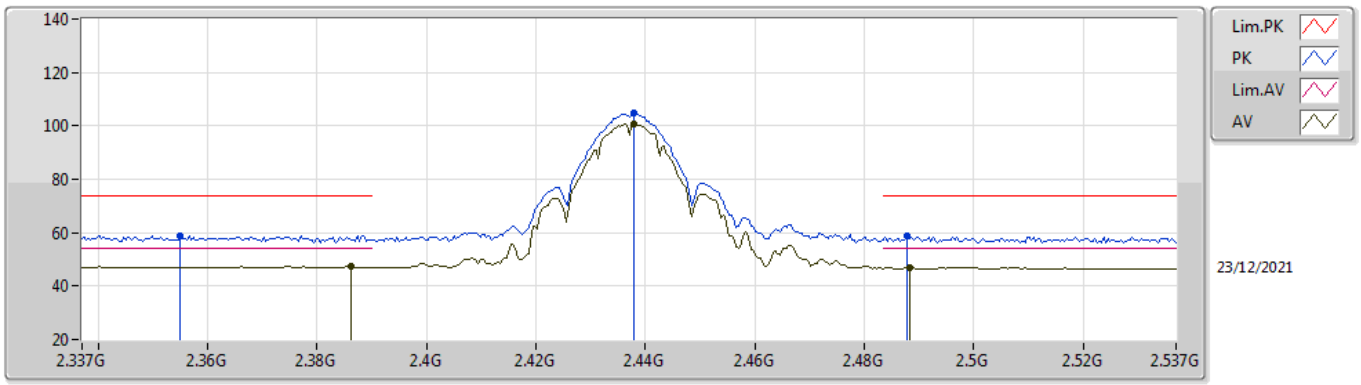
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	52.42	54.00	-1.58	34.98	3	Horizontal	181	1.50	-	17.44	27.72	7.26	-
AV	2.4162G	107.06	Inf	-Inf	34.87	3	Horizontal	181	1.50	-	72.19	27.60	7.27	-
PK	2.3776G	61.13	74.00	-12.87	34.99	3	Horizontal	181	1.50	-	26.14	27.74	7.25	-
PK	2.416G	110.76	Inf	-Inf	34.87	3	Horizontal	181	1.50	-	75.89	27.60	7.27	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

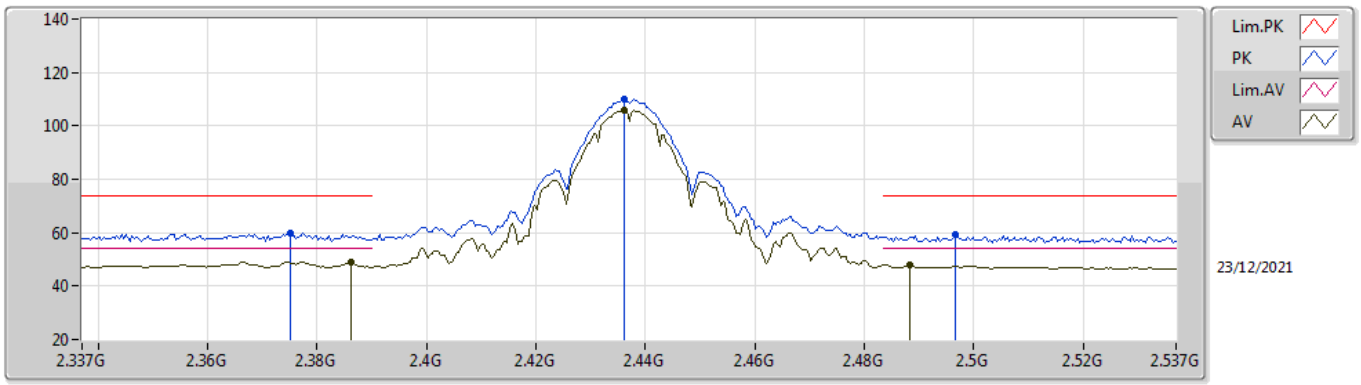
2437MHz_TX



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	2.3862G	47.34	54.00	-6.66	34.98	3	Vertical	257	2.95	-	12.36	27.73	7.25	-
AV	2.4378G	100.71	Inf	-Inf	34.76	3	Vertical	257	2.95	-	65.95	27.47	7.29	-
AV	2.4882G	47.01	54.00	-6.99	34.73	3	Vertical	257	2.95	-	12.28	27.40	7.33	-
PK	2.355G	59.04	74.00	-14.96	35.03	3	Vertical	257	2.95	-	24.01	27.79	7.24	-
PK	2.4378G	104.90	Inf	-Inf	34.76	3	Vertical	257	2.95	-	70.14	27.47	7.29	-
PK	2.4878G	58.56	74.00	-15.44	34.73	3	Vertical	257	2.95	-	23.83	27.40	7.33	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

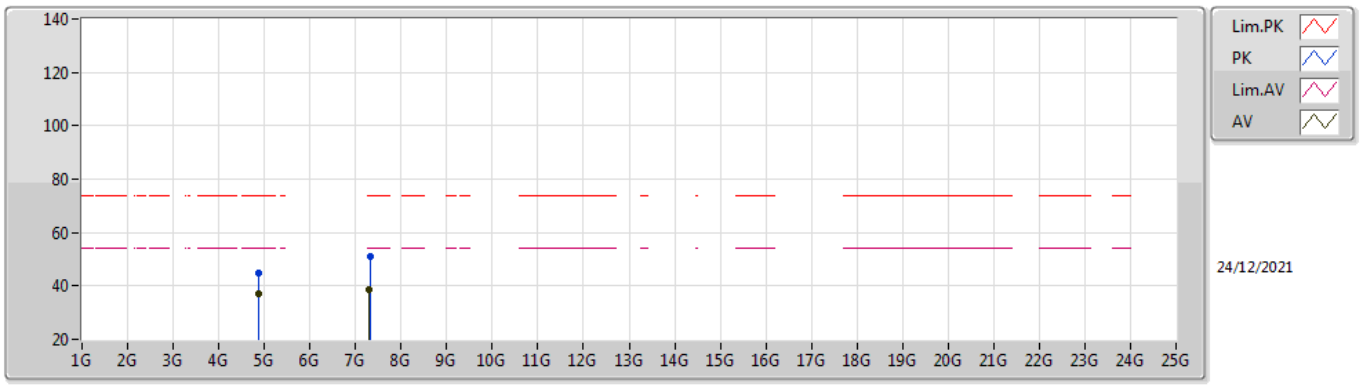
2437MHz_TX



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	2.3862G	48.92	54.00	-5.08	34.98	3	Horizontal	187	1.16	-	13.94	27.73	7.25	-
AV	2.4362G	105.93	Inf	-Inf	34.77	3	Horizontal	187	1.16	-	71.16	27.48	7.29	-
AV	2.4882G	48.07	54.00	-5.93	34.73	3	Horizontal	187	1.16	-	13.34	27.40	7.33	-
PK	2.375G	60.00	74.00	-14.00	35.00	3	Horizontal	187	1.16	-	25.00	27.75	7.25	-
PK	2.4362G	109.84	Inf	-Inf	34.77	3	Horizontal	187	1.16	-	75.07	27.48	7.29	-
PK	2.4966G	59.23	74.00	-14.77	34.74	3	Horizontal	187	1.16	-	24.49	27.40	7.34	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

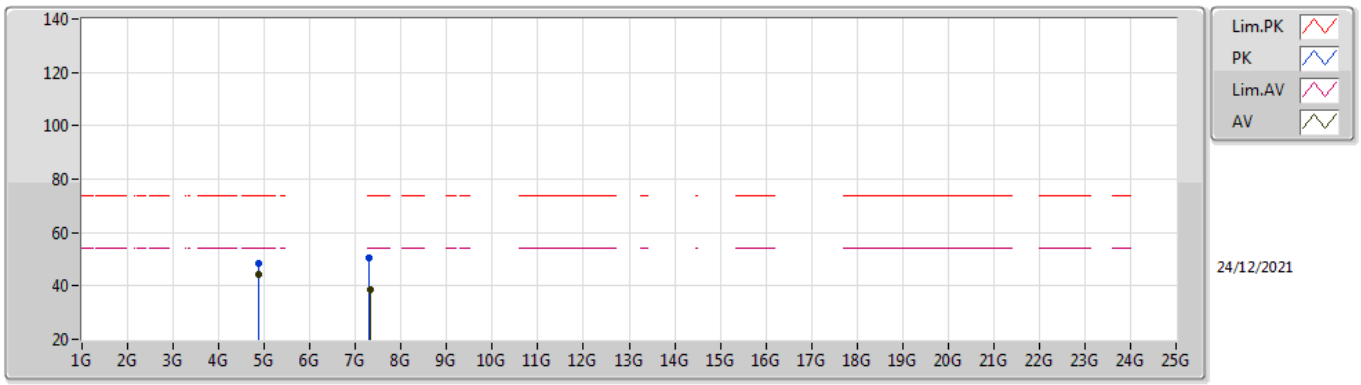
2437MHz_TX



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	4.874G	36.88	54.00	-17.12	6.00	3	Vertical	250	1.50	-	30.88	31.20	8.96	34.16
AV	7.3102G	38.63	54.00	-15.37	12.50	3	Vertical	195	1.30	-	26.13	36.38	10.62	34.50
PK	4.87388G	44.77	74.00	-29.23	6.00	3	Vertical	250	1.50	-	38.77	31.20	8.96	34.16
PK	7.31056G	51.25	74.00	-22.75	12.50	3	Vertical	195	1.30	-	38.75	36.38	10.62	34.50

802.11b_Nss1,(1Mbps)_1TX(Port2)

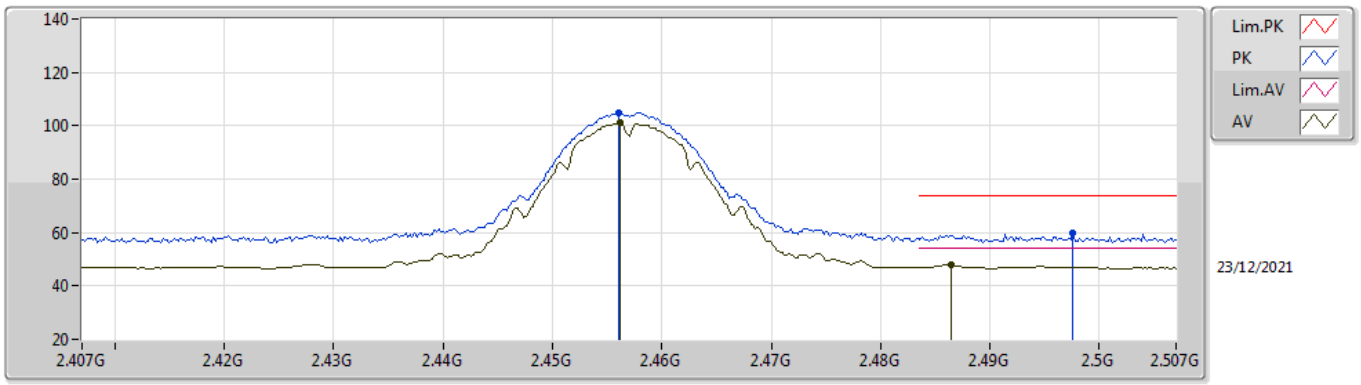
2437MHz_TX



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	4.874G	44.23	54.00	-9.77	6.00	3	Horizontal	203	1.50	-	38.23	31.20	8.96	34.16
AV	7.31028G	38.59	54.00	-15.41	12.50	3	Horizontal	272	1.50	-	26.09	36.38	10.62	34.50
PK	4.87392G	48.65	74.00	-25.35	6.00	3	Horizontal	203	1.50	-	42.65	31.20	8.96	34.16
PK	7.31016G	50.27	74.00	-23.73	12.50	3	Horizontal	272	1.50	-	37.77	36.38	10.62	34.50

802.11b_Nss1,(1Mbps)_1TX(Port2)

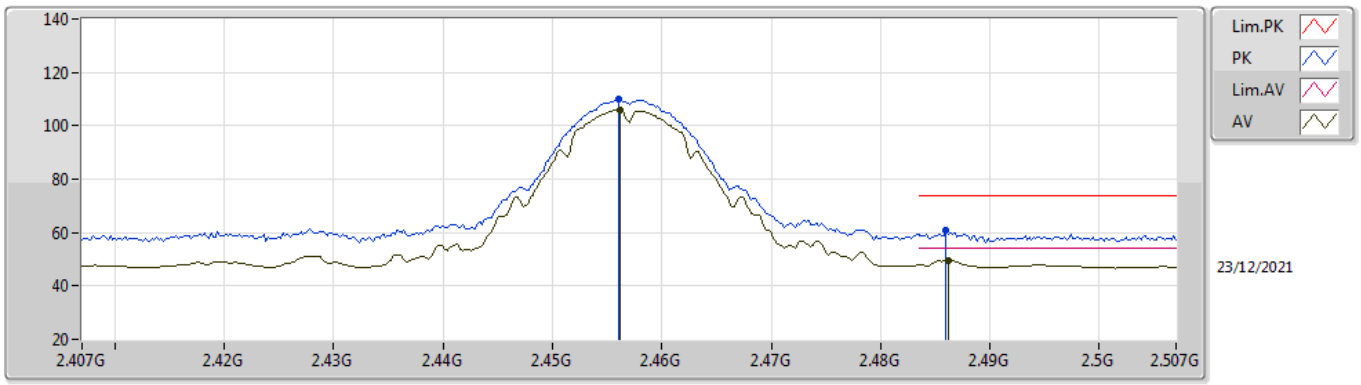
2457MHz_TX



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	2.4562G	101.22	Inf	-Inf	34.70	3	Vertical	256	2.97	-	66.52	27.40	7.30	-
AV	2.4864G	47.90	54.00	-6.10	34.73	3	Vertical	256	2.97	-	13.17	27.40	7.33	-
PK	2.456G	104.96	Inf	-Inf	34.70	3	Vertical	256	2.97	-	70.26	27.40	7.30	-
PK	2.4976G	59.96	74.00	-14.04	34.74	3	Vertical	256	2.97	-	25.22	27.40	7.34	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

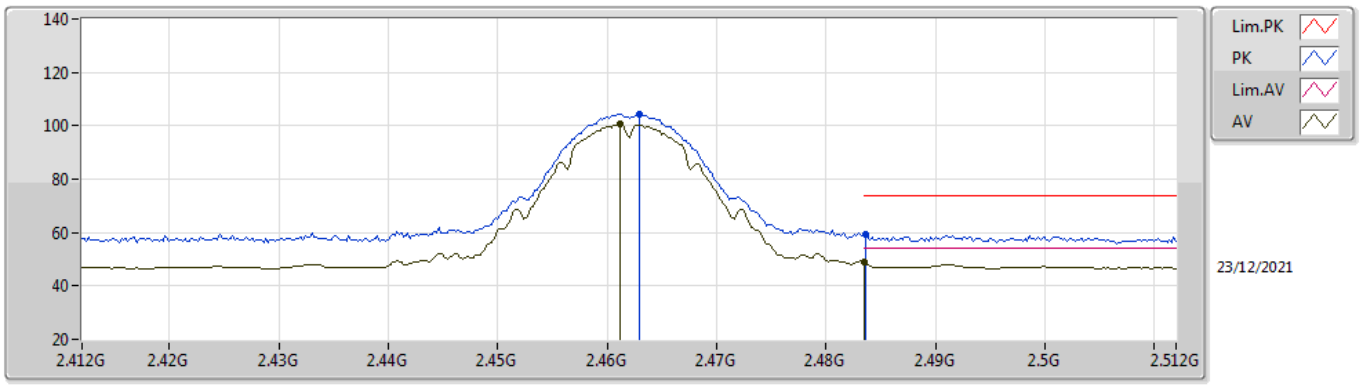
2457MHz_TX



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	2.4562G	105.98	Inf	-Inf	34.70	3	Horizontal	184	1.28	-	71.28	27.40	7.30	-
AV	2.4862G	49.56	54.00	-4.44	34.73	3	Horizontal	184	1.28	-	14.83	27.40	7.33	-
PK	2.456G	109.89	Inf	-Inf	34.70	3	Horizontal	184	1.28	-	75.19	27.40	7.30	-
PK	2.486G	60.97	74.00	-13.03	34.73	3	Horizontal	184	1.28	-	26.24	27.40	7.33	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

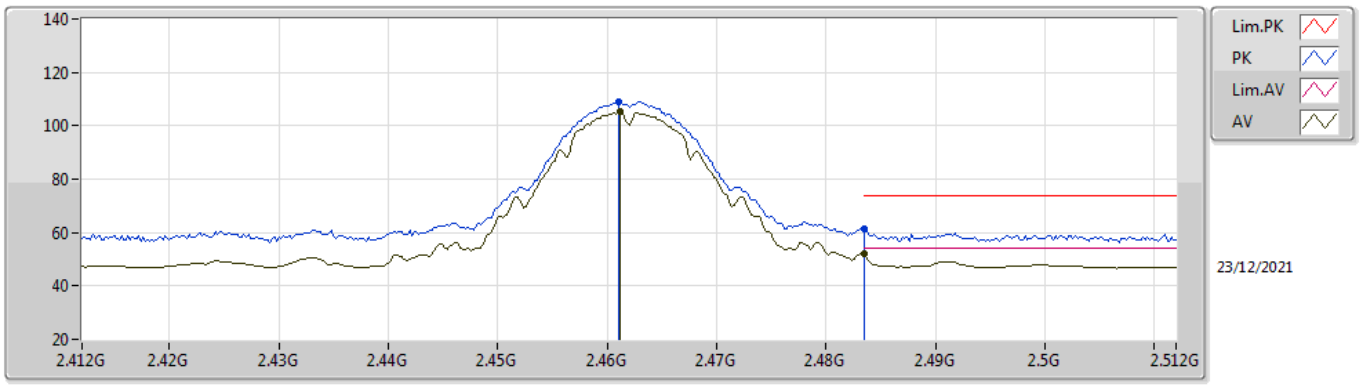
2462MHz_TX



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	2.4612G	100.59	Inf	-Inf	34.71	3	Vertical	255	2.97	-	65.88	27.40	7.31	-
AV	2.4835G	49.07	54.00	-4.93	34.73	3	Vertical	255	2.97	-	14.34	27.40	7.33	-
PK	2.463G	104.44	Inf	-Inf	34.71	3	Vertical	255	2.97	-	69.73	27.40	7.31	-
PK	2.4836G	59.06	74.00	-14.94	34.73	3	Vertical	255	2.97	-	24.33	27.40	7.33	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

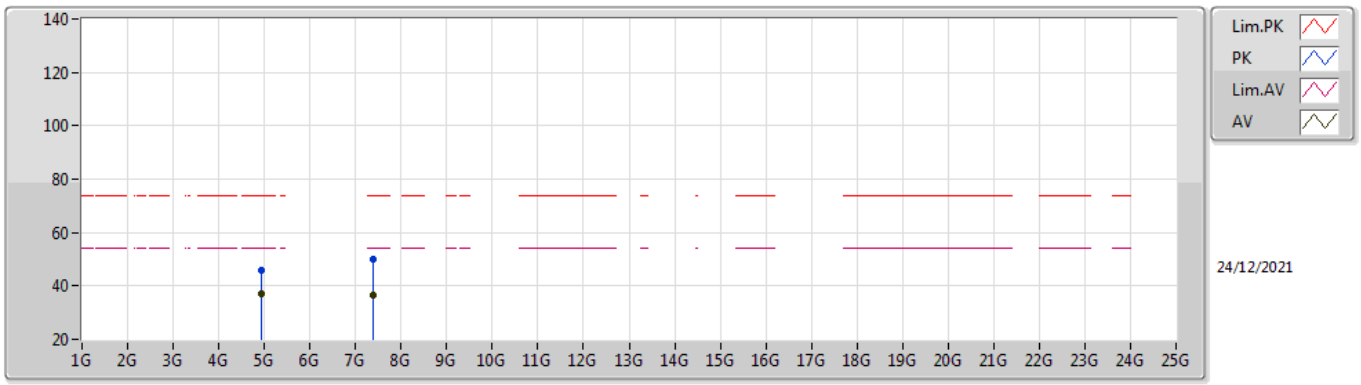
2462MHz_TX



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	2.4612G	105.23	Inf	-Inf	34.71	3	Horizontal	183	1.30	-	70.52	27.40	7.31	-
AV	2.4835G	52.01	54.00	-1.99	34.73	3	Horizontal	183	1.30	-	17.28	27.40	7.33	-
PK	2.461G	108.91	Inf	-Inf	34.71	3	Horizontal	183	1.30	-	74.20	27.40	7.31	-
PK	2.4835G	61.16	74.00	-12.84	34.73	3	Horizontal	183	1.30	-	26.43	27.40	7.33	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

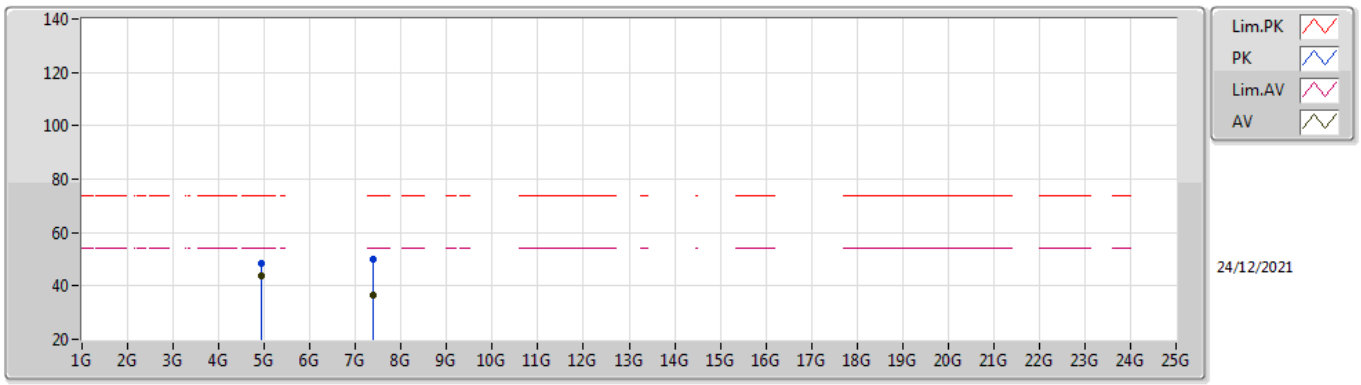
2462MHz_TX



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	4.924G	37.06	54.00	-16.94	6.15	3	Vertical	232	2.89	-	30.91	31.30	8.99	34.14
AV	7.385G	36.41	54.00	-17.59	12.44	3	Vertical	175	1.50	-	23.97	36.23	10.70	34.49
PK	4.92408G	45.75	74.00	-28.25	6.15	3	Vertical	232	2.89	-	39.60	31.30	8.99	34.14
PK	7.38516G	49.85	74.00	-24.15	12.44	3	Vertical	175	1.50	-	37.41	36.23	10.70	34.49

802.11b_Nss1,(1Mbps)_1TX(Port2)

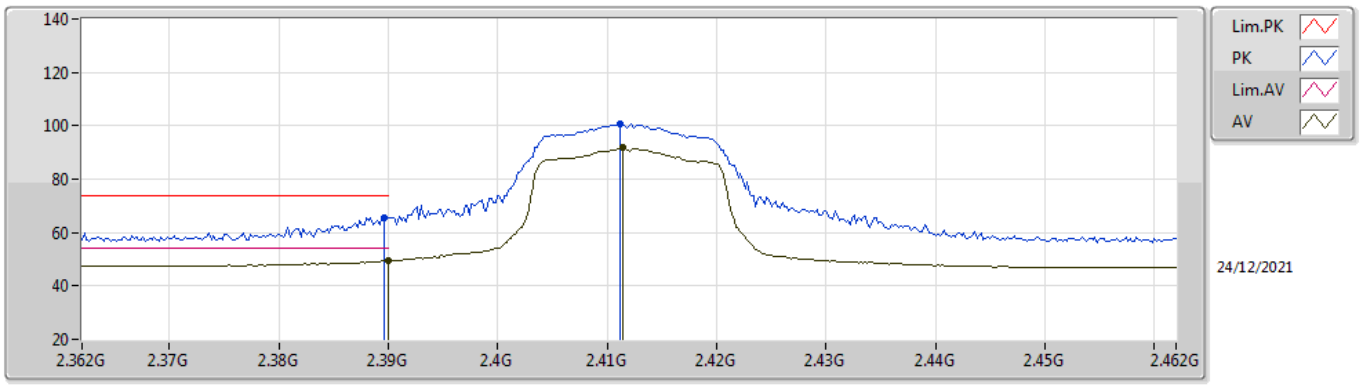
2462MHz_TX



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	4.924G	43.61	54.00	-10.39	6.15	3	Horizontal	185	1.56	-	37.46	31.30	8.99	34.14
AV	7.38676G	36.47	54.00	-17.53	12.44	3	Horizontal	313	1.50	-	24.03	36.23	10.70	34.49
PK	4.92388G	48.38	74.00	-25.62	6.15	3	Horizontal	185	1.56	-	42.23	31.30	8.99	34.14
PK	7.38716G	49.86	74.00	-24.14	12.44	3	Horizontal	313	1.50	-	37.42	36.23	10.70	34.49

802.11g_Nss1,(6Mbps)_1TX(Port2)

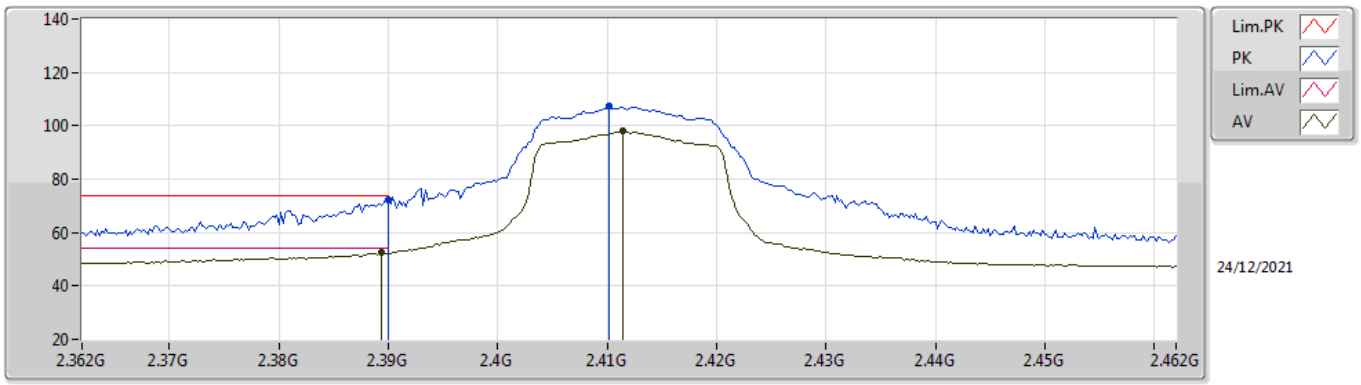
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	49.52	54.00	-4.48	34.98	3	Vertical	260	3.00	-	14.54	27.72	7.26	-
AV	2.4114G	91.81	Inf	-Inf	34.90	3	Vertical	260	3.00	-	56.91	27.63	7.27	-
PK	2.3896G	65.72	74.00	-8.28	34.98	3	Vertical	260	3.00	-	30.74	27.72	7.26	-
PK	2.4112G	100.77	Inf	-Inf	34.90	3	Vertical	260	3.00	-	65.87	27.63	7.27	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

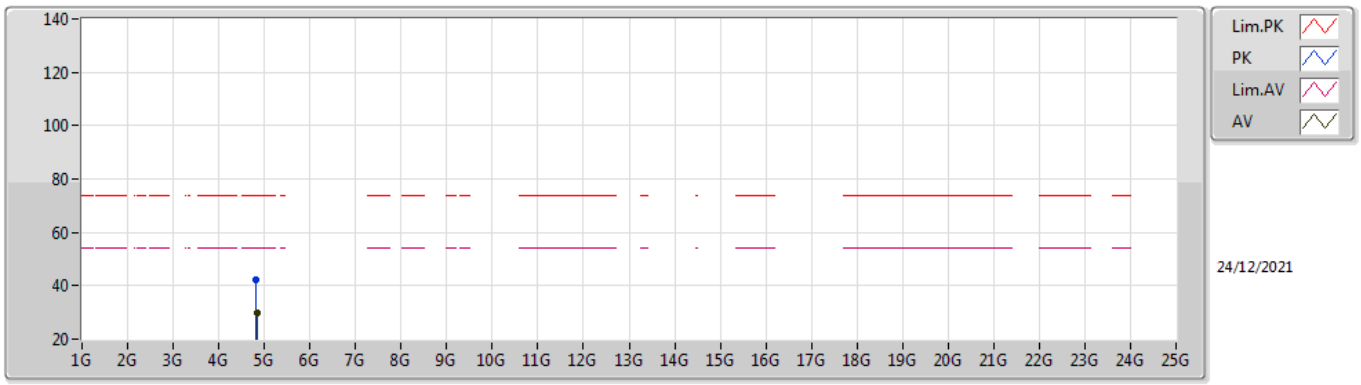
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3894G	52.37	54.00	-1.63	34.98	3	Horizontal	184	1.35	-	17.39	27.72	7.26	-
AV	2.4114G	98.01	Inf	-Inf	34.90	3	Horizontal	184	1.35	-	63.11	27.63	7.27	-
PK	2.39G	72.31	74.00	-1.69	34.98	3	Horizontal	184	1.35	-	37.33	27.72	7.26	-
PK	2.4102G	107.18	Inf	-Inf	34.91	3	Horizontal	184	1.35	-	72.27	27.64	7.27	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

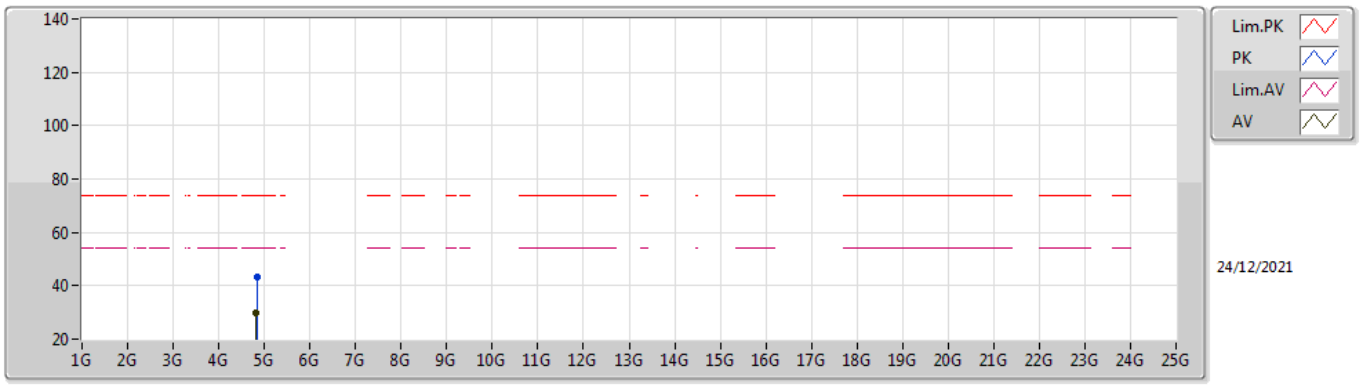
2412MHz_TX



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	4.82936G	29.57	54.00	-24.43	5.90	3	Vertical	238	1.40	-	23.67	31.16	8.92	34.18
PK	4.8148G	42.22	74.00	-31.78	5.85	3	Vertical	238	1.40	-	36.37	31.13	8.91	34.19

802.11g_Nss1,(6Mbps)_1TX(Port2)

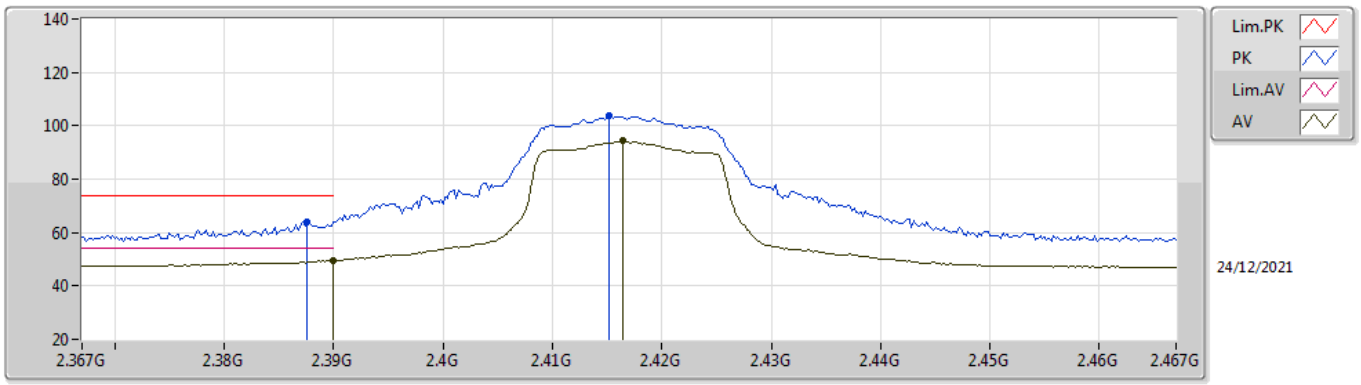
2412MHz_TX



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	4.82076G	30.08	54.00	-23.92	5.87	3	Horizontal	36	1.52	-	24.21	31.14	8.92	34.19
PK	4.82868G	43.28	74.00	-30.72	5.90	3	Horizontal	36	1.52	-	37.38	31.16	8.92	34.18

802.11g_Nss1,(6Mbps)_1TX(Port2)

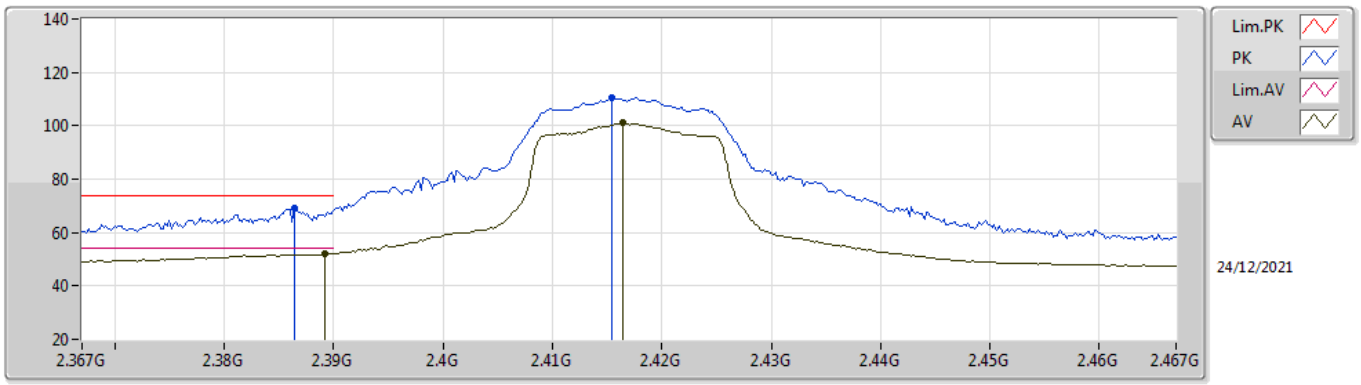
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	49.60	54.00	-4.40	34.98	3	Vertical	259	3.00	-	14.62	27.72	7.26	-
AV	2.4164G	94.37	Inf	-Inf	34.87	3	Vertical	259	3.00	-	59.50	27.60	7.27	-
PK	2.3876G	64.14	74.00	-9.86	34.97	3	Vertical	259	3.00	-	29.17	27.72	7.25	-
PK	2.4152G	103.68	Inf	-Inf	34.88	3	Vertical	259	3.00	-	68.80	27.61	7.27	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

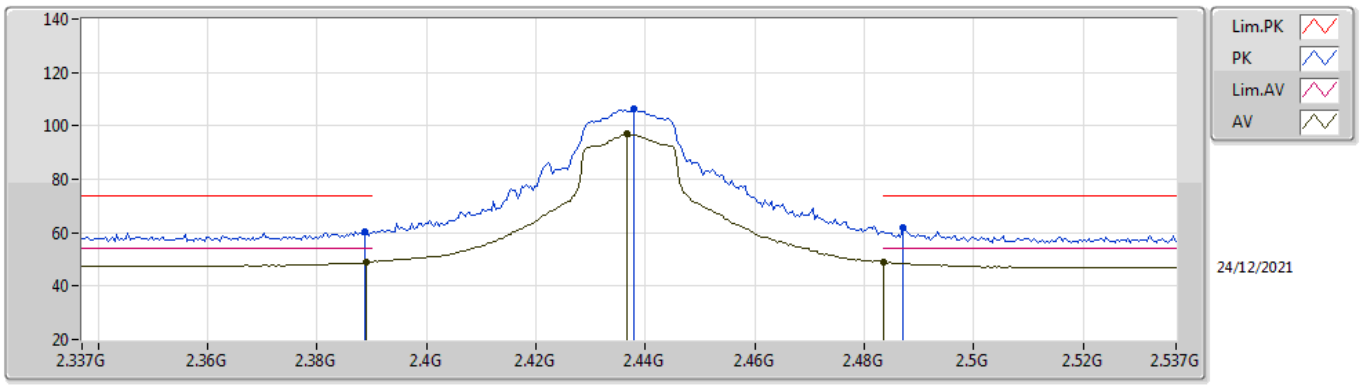
2417MHz_TX



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	2.3892G	52.14	54.00	-1.86	34.98	3	Horizontal	180	1.53	-	17.16	27.72	7.26	-
AV	2.4164G	101.13	Inf	-Inf	34.87	3	Horizontal	180	1.53	-	66.26	27.60	7.27	-
PK	2.3864G	68.90	74.00	-5.10	34.98	3	Horizontal	180	1.53	-	33.92	27.73	7.25	-
PK	2.4154G	110.33	Inf	-Inf	34.88	3	Horizontal	180	1.53	-	75.45	27.61	7.27	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

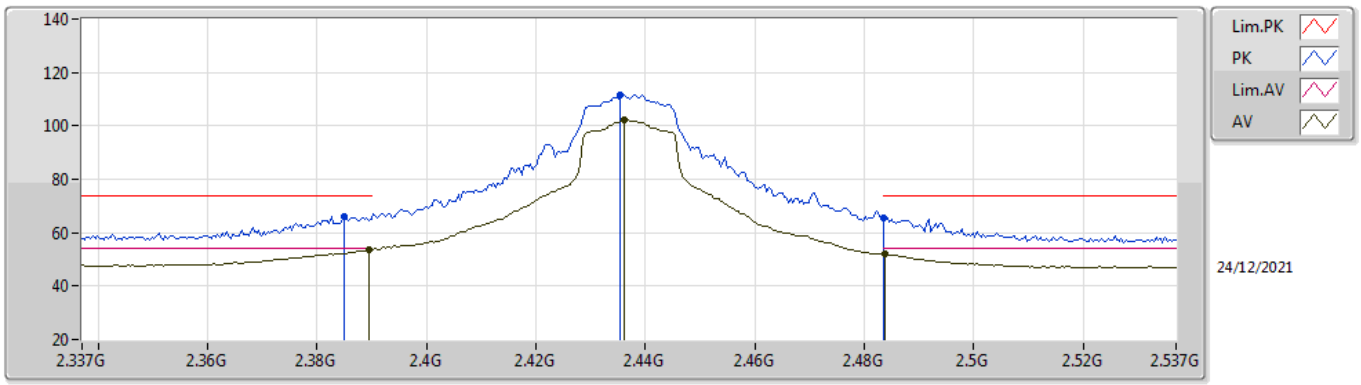
2437MHz_TX



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	2.389G	49.03	54.00	-4.97	34.98	3	Vertical	254	2.94	-	14.05	27.72	7.26	-
AV	2.4366G	96.88	Inf	-Inf	34.77	3	Vertical	254	2.94	-	62.11	27.48	7.29	-
AV	2.4835G	49.22	54.00	-4.78	34.73	3	Vertical	254	2.94	-	14.49	27.40	7.33	-
PK	2.3886G	60.50	74.00	-13.50	34.97	3	Vertical	254	2.94	-	25.53	27.72	7.25	-
PK	2.4378G	106.20	Inf	-Inf	34.76	3	Vertical	254	2.94	-	71.44	27.47	7.29	-
PK	2.487G	61.67	74.00	-12.33	34.73	3	Vertical	254	2.94	-	26.94	27.40	7.33	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

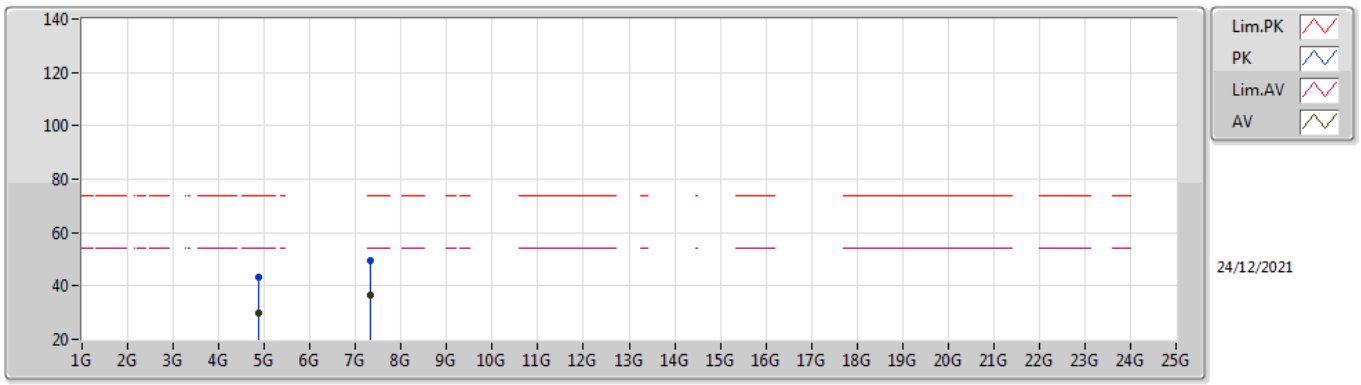
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3894G	53.80	54.00	-0.20	34.98	3	Horizontal	195	1.00	-	18.82	27.72	7.26	-
AV	2.4362G	102.40	Inf	-Inf	34.77	3	Horizontal	195	1.00	-	67.63	27.48	7.29	-
AV	2.4838G	52.20	54.00	-1.80	34.73	3	Horizontal	195	1.00	-	17.47	27.40	7.33	-
PK	2.385G	65.86	74.00	-8.14	34.98	3	Horizontal	195	1.00	-	30.88	27.73	7.25	-
PK	2.4354G	111.61	Inf	-Inf	34.78	3	Horizontal	195	1.00	-	76.83	27.49	7.29	-
PK	2.4835G	65.39	74.00	-8.61	34.73	3	Horizontal	195	1.00	-	30.66	27.40	7.33	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

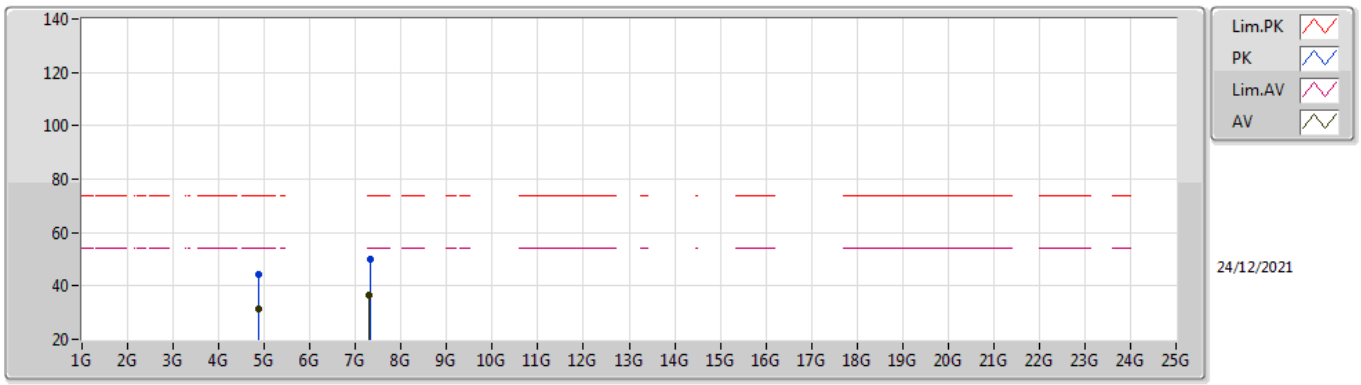
2437MHz_TX



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	4.87736G	29.95	54.00	-24.05	6.00	3	Vertical	261	2.58	-	23.95	31.20	8.96	34.16
AV	7.31192G	36.57	54.00	-17.43	12.50	3	Vertical	186	1.31	-	24.07	36.38	10.62	34.50
PK	4.87464G	43.43	74.00	-30.57	6.00	3	Vertical	261	2.58	-	37.43	31.20	8.96	34.16
PK	7.31052G	49.50	74.00	-24.50	12.50	3	Vertical	186	1.31	-	37.00	36.38	10.62	34.50

802.11g_Nss1,(6Mbps)_1TX(Port2)

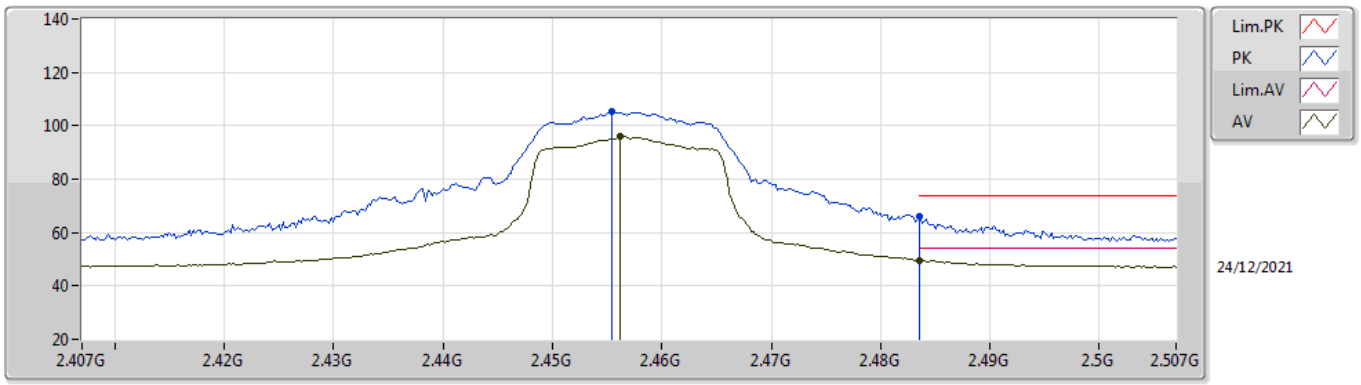
2437MHz_TX



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	4.87512G	31.62	54.00	-22.38	6.00	3	Horizontal	201	1.49	-	25.62	31.20	8.96	34.16
AV	7.31012G	36.67	54.00	-17.33	12.50	3	Horizontal	274	1.47	-	24.17	36.38	10.62	34.50
PK	4.87872G	44.45	74.00	-29.55	6.00	3	Horizontal	201	1.49	-	38.45	31.20	8.96	34.16
PK	7.3122G	49.89	74.00	-24.11	12.50	3	Horizontal	274	1.47	-	37.39	36.38	10.62	34.50

802.11g_Nss1,(6Mbps)_1TX(Port2)

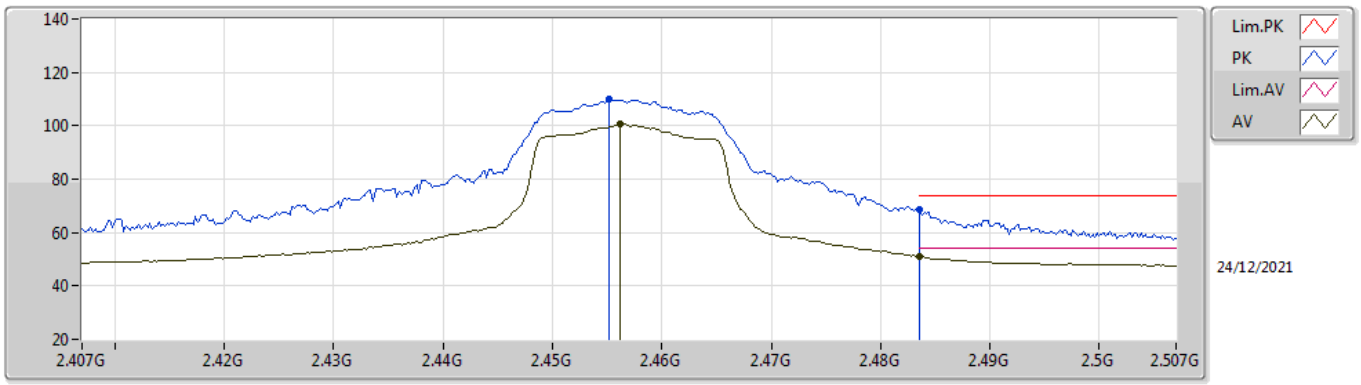
2457MHz_TX



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	2.4562G	96.02	Inf	-Inf	34.70	3	Vertical	254	2.96	-	61.32	27.40	7.30	-
AV	2.4835G	49.63	54.00	-4.37	34.73	3	Vertical	254	2.96	-	14.90	27.40	7.33	-
PK	2.4554G	105.14	Inf	-Inf	34.70	3	Vertical	254	2.96	-	70.44	27.40	7.30	-
PK	2.4836G	65.98	74.00	-8.02	34.73	3	Vertical	254	2.96	-	31.25	27.40	7.33	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

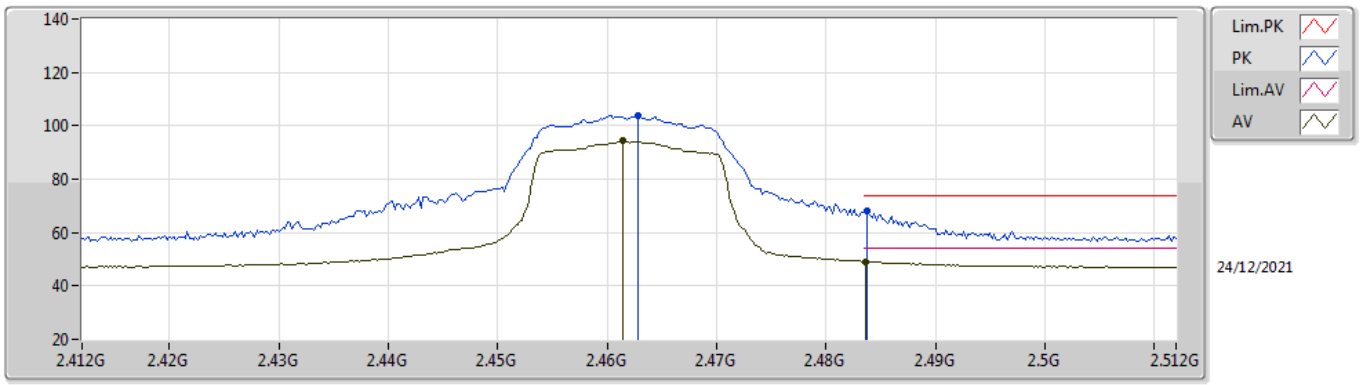
2457MHz_TX



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)
PK	2.4552G	109.94	Inf	-Inf	34.70	3	Horizontal	184	1.26	-	75.24	27.40	7.30	-
AV	2.4562G	100.73	Inf	-Inf	34.70	3	Horizontal	184	1.26	-	66.03	27.40	7.30	-
PK	2.4835G	68.42	74.00	-5.58	34.73	3	Horizontal	184	1.26	-	33.69	27.40	7.33	-
AV	2.4835G	50.93	54.00	-3.07	34.73	3	Horizontal	184	1.26	-	16.20	27.40	7.33	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

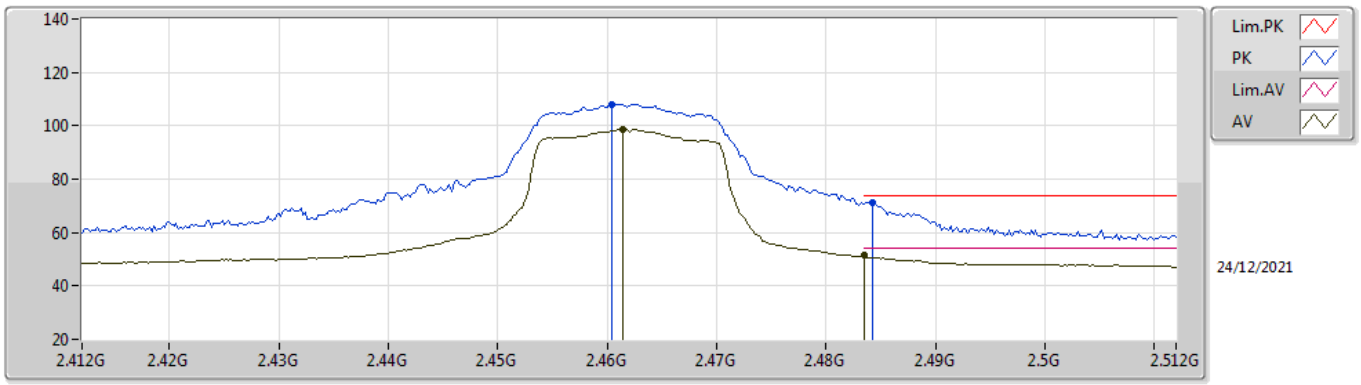
2462MHz_TX



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	2.4614G	94.44	Inf	-Inf	34.71	3	Vertical	254	2.96	-	59.73	27.40	7.31	-
AV	2.4836G	49.21	54.00	-4.79	34.73	3	Vertical	254	2.96	-	14.48	27.40	7.33	-
PK	2.4628G	103.67	Inf	-Inf	34.71	3	Vertical	254	2.96	-	68.96	27.40	7.31	-
PK	2.4838G	67.97	74.00	-6.03	34.73	3	Vertical	254	2.96	-	33.24	27.40	7.33	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

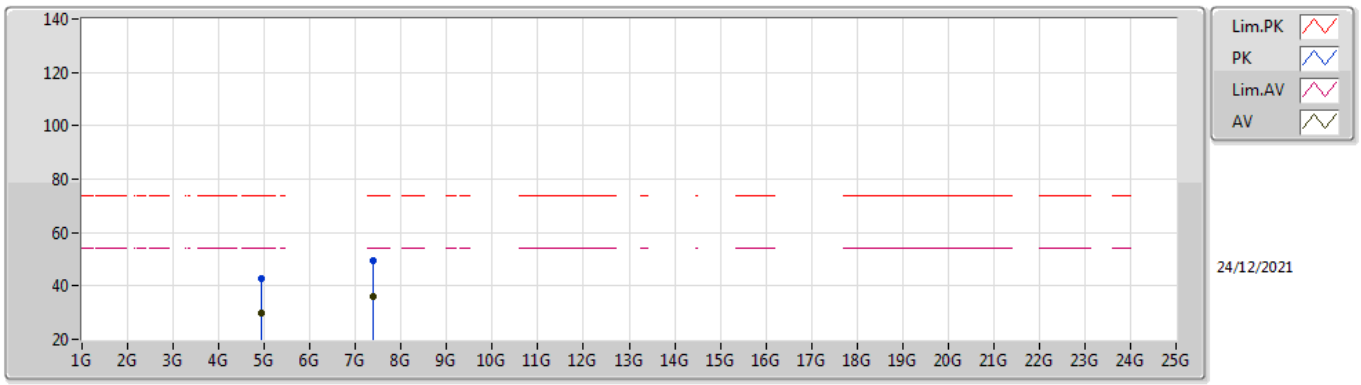
2462MHz_TX



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	2.4614G	98.87	Inf	-Inf	34.71	3	Horizontal	183	1.30	-	64.16	27.40	7.31	-
AV	2.4835G	51.30	54.00	-2.70	34.73	3	Horizontal	183	1.30	-	16.57	27.40	7.33	-
PK	2.4604G	108.17	Inf	-Inf	34.71	3	Horizontal	183	1.30	-	73.46	27.40	7.31	-
PK	2.4842G	71.40	74.00	-2.60	34.73	3	Horizontal	183	1.30	-	36.67	27.40	7.33	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

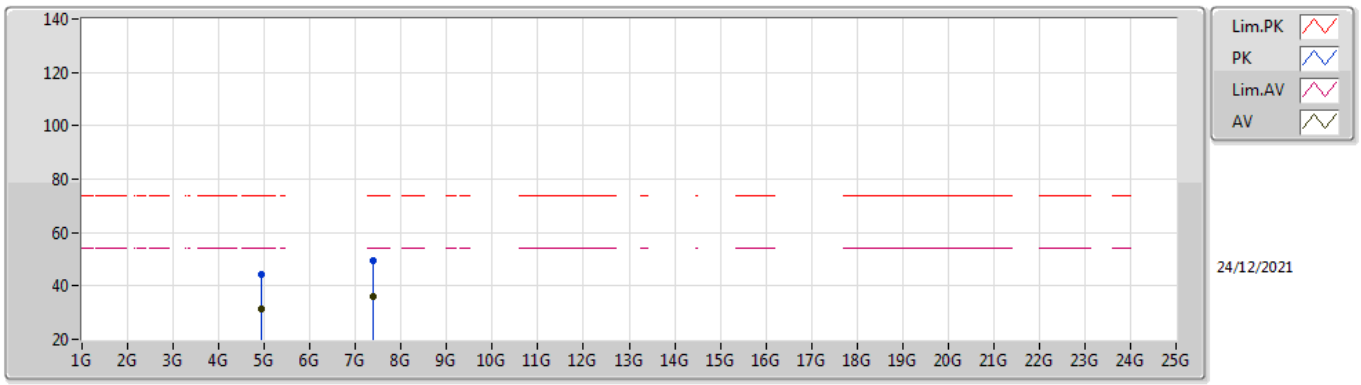
2462MHz_TX



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	4.92972G	29.91	54.00	-24.09	6.19	3	Vertical	68	2.90	-	23.72	31.32	9.00	34.13
AV	7.37908G	36.25	54.00	-17.75	12.44	3	Vertical	295	2.56	-	23.81	36.24	10.69	34.49
PK	4.92344G	42.76	74.00	-31.24	6.14	3	Vertical	68	2.90	-	36.62	31.29	8.99	34.14
PK	7.3948G	49.62	74.00	-24.38	12.42	3	Vertical	295	2.56	-	37.20	36.21	10.70	34.49

802.11g_Nss1,(6Mbps)_1TX(Port2)

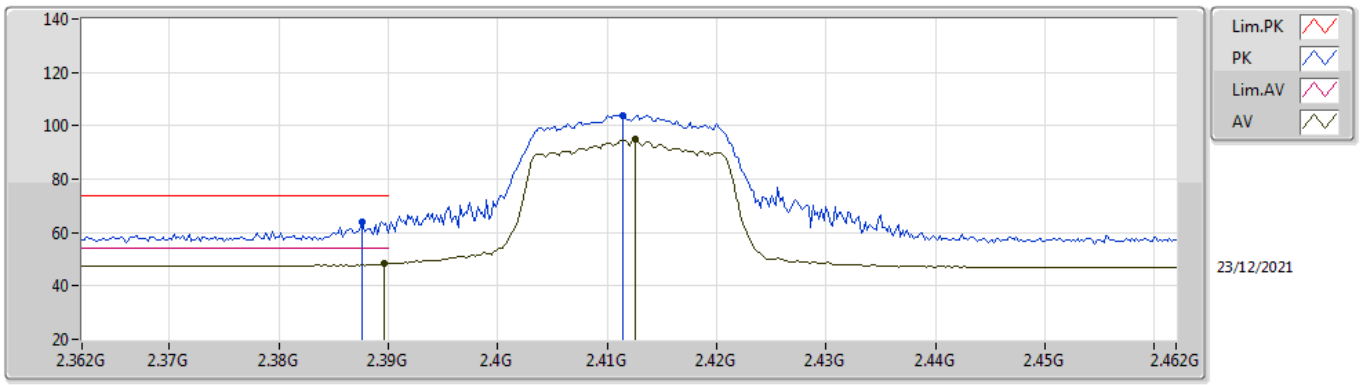
2462MHz_TX



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	4.92552G	31.39	54.00	-22.61	6.15	3	Horizontal	186	1.50	-	25.24	31.30	8.99	34.14
AV	7.3774G	36.21	54.00	-17.79	12.45	3	Horizontal	269	1.50	-	23.76	36.25	10.69	34.49
PK	4.92436G	44.13	74.00	-29.87	6.15	3	Horizontal	186	1.50	-	37.98	31.30	8.99	34.14
PK	7.39528G	49.65	74.00	-24.35	12.43	3	Horizontal	269	1.50	-	37.22	36.21	10.71	34.49

802.11n HT20_Nss1,(MCS0)_2TX

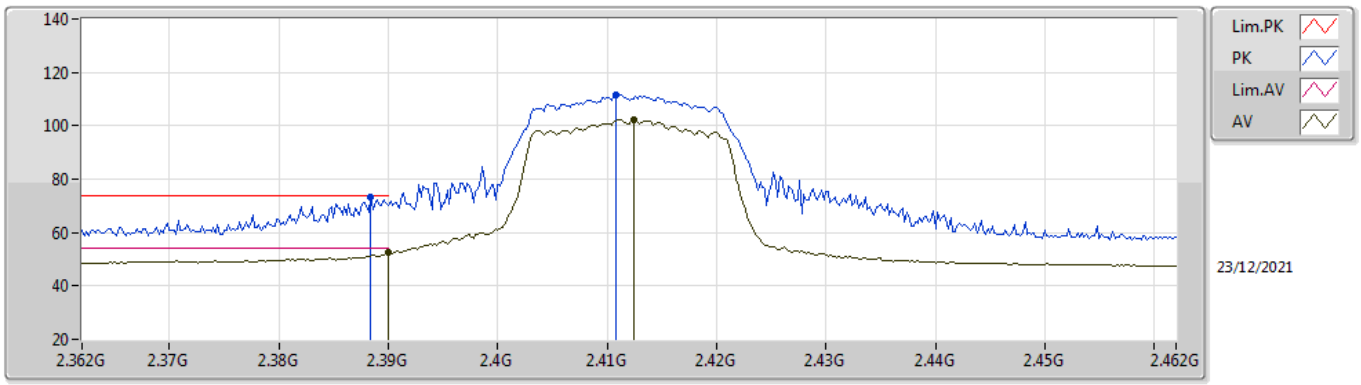
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3896G	48.32	54.00	-5.68	34.98	3	Vertical	271	2.76	-	13.34	27.72	7.26	-
AV	2.4126G	94.83	Inf	-Inf	34.89	3	Vertical	271	2.76	-	59.94	27.62	7.27	-
PK	2.3876G	64.04	74.00	-9.96	34.97	3	Vertical	271	2.76	-	29.07	27.72	7.25	-
PK	2.4114G	104.03	Inf	-Inf	34.90	3	Vertical	271	2.76	-	69.13	27.63	7.27	-

802.11n HT20_Nss1,(MCS0)_2TX

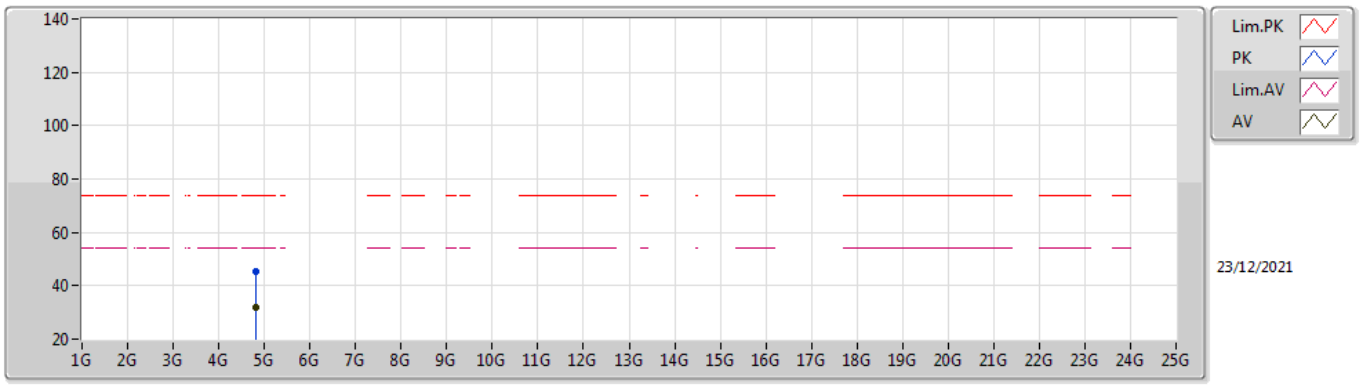
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	52.42	54.00	-1.58	34.98	3	Horizontal	177	1.82	-	17.44	27.72	7.26	-
AV	2.4124G	102.43	Inf	-Inf	34.90	3	Horizontal	177	1.82	-	67.53	27.63	7.27	-
PK	2.3884G	73.27	74.00	-0.73	34.97	3	Horizontal	177	1.82	-	38.30	27.72	7.25	-
PK	2.4108G	111.62	Inf	-Inf	34.91	3	Horizontal	177	1.82	-	76.71	27.64	7.27	-

802.11n HT20_Nss1,(MCS0)_2TX

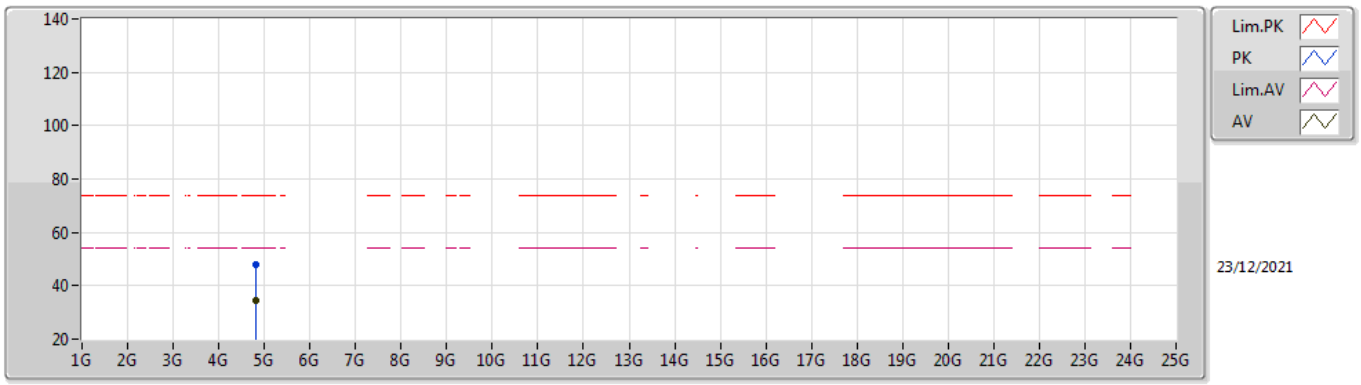
2412MHz_TX



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	4.82244G	31.74	54.00	-22.26	5.87	3	Vertical	94	2.74	-	25.87	31.14	8.92	34.19
PK	4.81632G	45.43	74.00	-28.57	5.85	3	Vertical	94	2.74	-	39.58	31.13	8.91	34.19

802.11n HT20_Nss1,(MCS0)_2TX

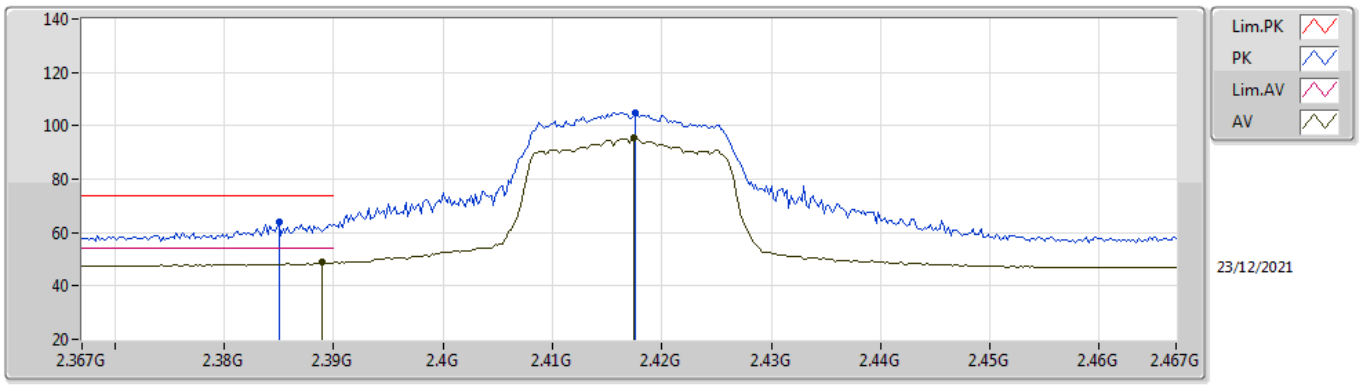
2412MHz_TX



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	4.82312G	34.74	54.00	-19.26	5.89	3	Horizontal	152	1.69	-	28.85	31.15	8.92	34.18
PK	4.8256G	47.77	74.00	-26.23	5.89	3	Horizontal	152	1.69	-	41.88	31.15	8.92	34.18

802.11n HT20_Nss1,(MCS0)_2TX

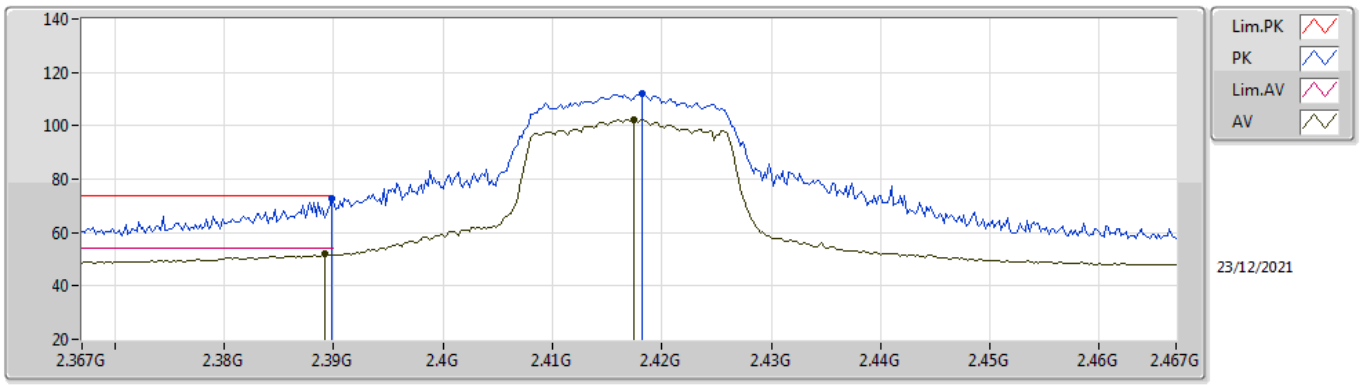
2417MHz_TX



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	2.389G	48.74	54.00	-5.26	34.98	3	Vertical	272	2.68	-	13.76	27.72	7.26	-
AV	2.4174G	95.49	Inf	-Inf	34.87	3	Vertical	272	2.68	-	60.62	27.60	7.27	-
PK	2.385G	63.99	74.00	-10.01	34.98	3	Vertical	272	2.68	-	29.01	27.73	7.25	-
PK	2.4176G	104.96	Inf	-Inf	34.86	3	Vertical	272	2.68	-	70.10	27.59	7.27	-

802.11n HT20_Nss1,(MCS0)_2TX

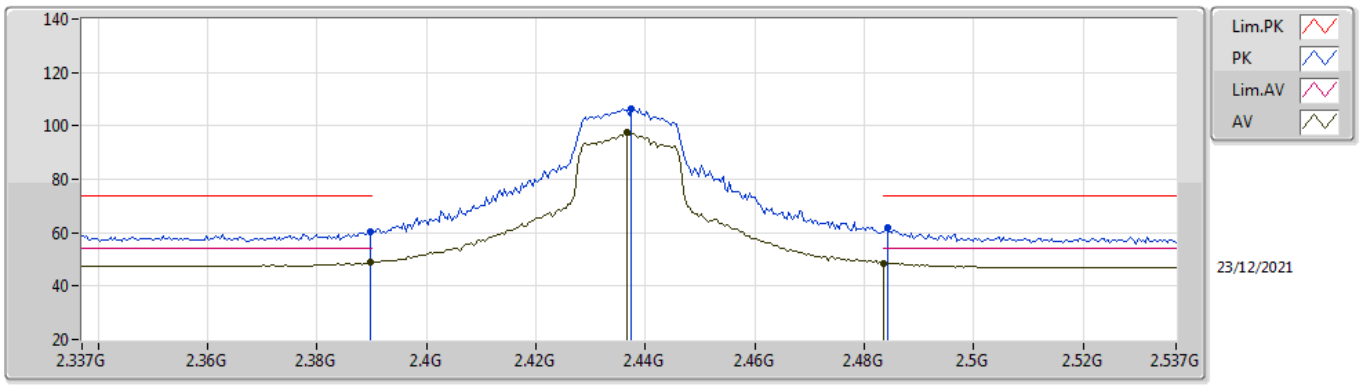
2417MHz_TX



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	2.3892G	51.96	54.00	-2.04	34.98	3	Horizontal	180	1.50	-	16.98	27.72	7.26	-
AV	2.4174G	102.23	Inf	-Inf	34.87	3	Horizontal	180	1.50	-	67.36	27.60	7.27	-
PK	2.3898G	72.65	74.00	-1.35	34.98	3	Horizontal	180	1.50	-	37.67	27.72	7.26	-
PK	2.4182G	112.16	Inf	-Inf	34.86	3	Horizontal	180	1.50	-	77.30	27.59	7.27	-

802.11n HT20_Nss1,(MCS0)_2TX

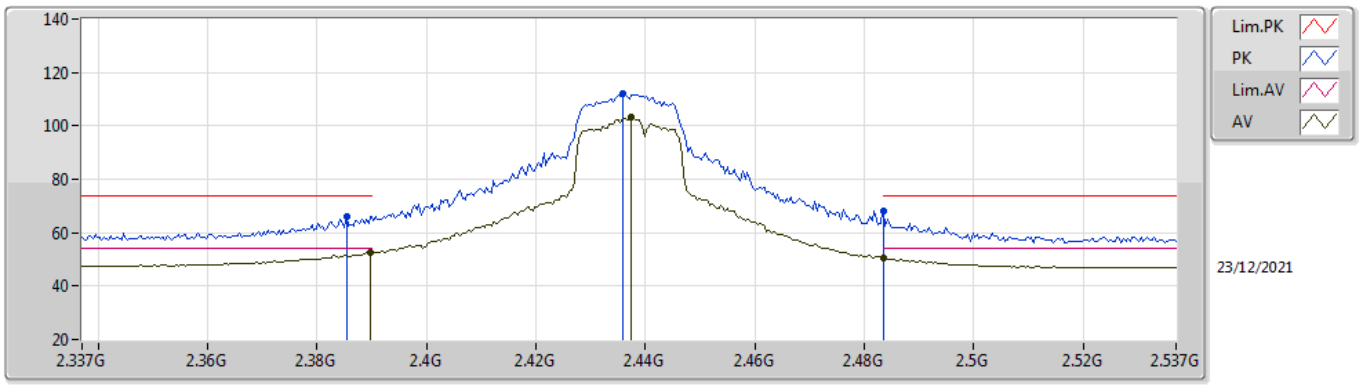
2437MHz_TX



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	2.3898G	48.84	54.00	-5.16	34.98	3	Vertical	276	2.81	-	13.86	27.72	7.26	-
AV	2.4366G	97.45	Inf	-Inf	34.77	3	Vertical	276	2.81	-	62.68	27.48	7.29	-
AV	2.4835G	48.68	54.00	-5.32	34.73	3	Vertical	276	2.81	-	13.95	27.40	7.33	-
PK	2.3898G	60.13	74.00	-13.87	34.98	3	Vertical	276	2.81	-	25.15	27.72	7.26	-
PK	2.4374G	106.56	Inf	-Inf	34.77	3	Vertical	276	2.81	-	71.79	27.48	7.29	-
PK	2.4842G	61.69	74.00	-12.31	34.73	3	Vertical	276	2.81	-	26.96	27.40	7.33	-

802.11n HT20_Nss1,(MCS0)_2TX

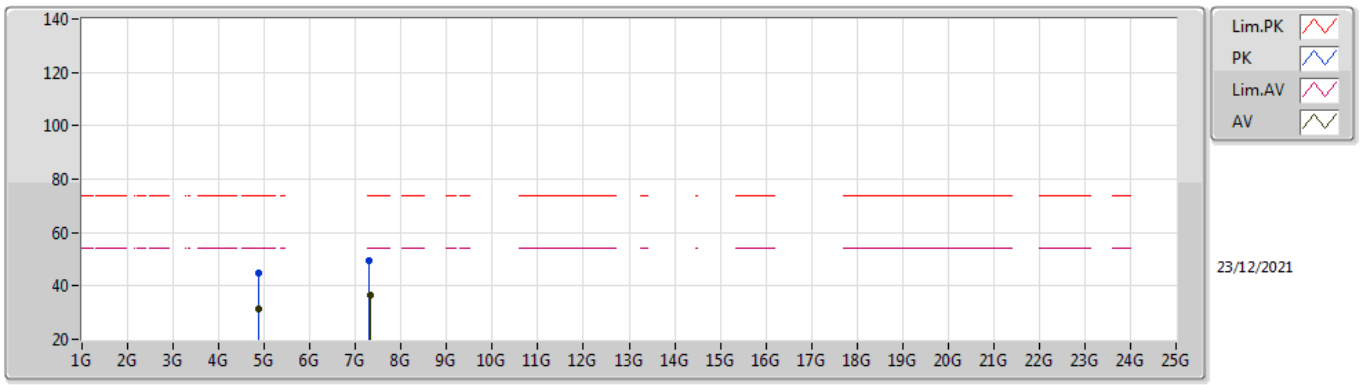
2437MHz_TX



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	2.3898G	52.55	54.00	-1.45	34.98	3	Horizontal	176	1.68	-	17.57	27.72	7.26	-
AV	2.4374G	103.37	Inf	-Inf	34.77	3	Horizontal	176	1.68	-	68.60	27.48	7.29	-
AV	2.4835G	50.39	54.00	-3.61	34.73	3	Horizontal	176	1.68	-	15.66	27.40	7.33	-
PK	2.3854G	66.06	74.00	-7.94	34.98	3	Horizontal	176	1.68	-	31.08	27.73	7.25	-
PK	2.4358G	111.86	Inf	-Inf	34.78	3	Horizontal	176	1.68	-	77.08	27.49	7.29	-
PK	2.4835G	67.91	74.00	-6.09	34.73	3	Horizontal	176	1.68	-	33.18	27.40	7.33	-

802.11n HT20_Nss1,(MCS0)_2TX

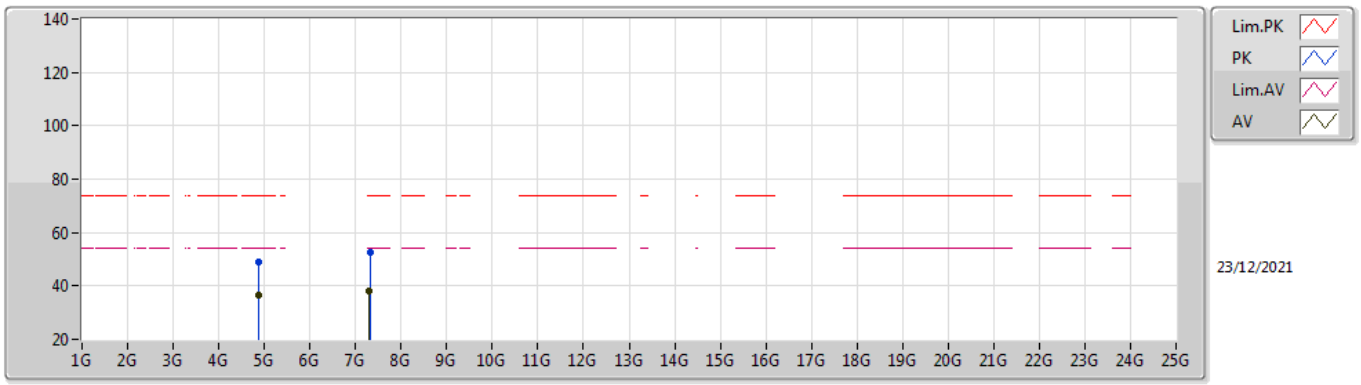
2437MHz_TX



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	4.87508G	31.22	54.00	-22.78	6.00	3	Vertical	238	1.52	-	25.22	31.20	8.96	34.16
AV	7.31504G	36.57	54.00	-17.43	12.50	3	Vertical	211	1.50	-	24.07	36.37	10.63	34.50
PK	4.86784G	44.58	74.00	-29.42	5.99	3	Vertical	238	1.52	-	38.59	31.20	8.95	34.16
PK	7.30472G	49.31	74.00	-24.69	12.50	3	Vertical	211	1.50	-	36.81	36.39	10.61	34.50

802.11n HT20_Nss1,(MCS0)_2TX

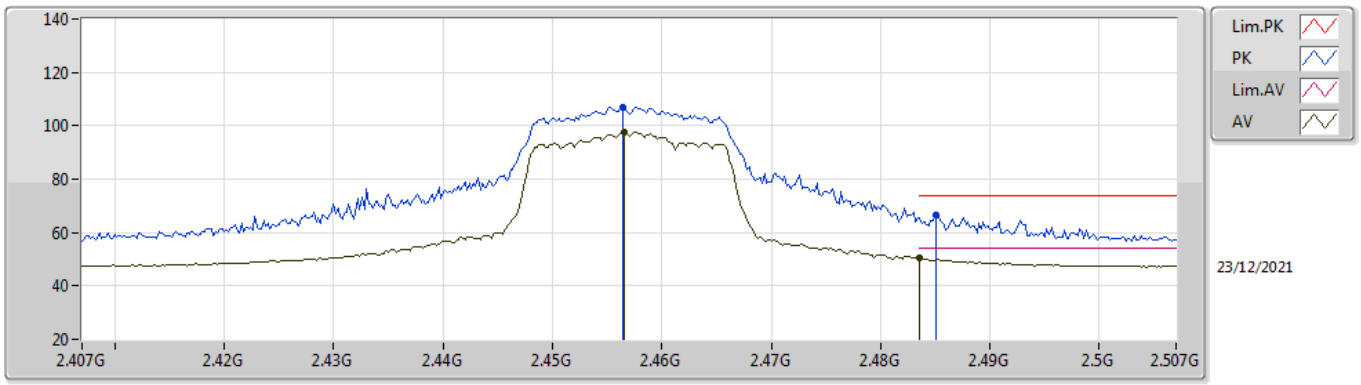
2437MHz_TX



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	4.87552G	36.71	54.00	-17.29	6.00	3	Horizontal	154	1.70	-	30.71	31.20	8.96	34.16
AV	7.30812G	38.14	54.00	-15.86	12.50	3	Horizontal	234	2.05	-	25.64	36.38	10.62	34.50
PK	4.87536G	49.18	74.00	-24.82	6.00	3	Horizontal	154	1.70	-	43.18	31.20	8.96	34.16
PK	7.31132G	52.57	74.00	-21.43	12.50	3	Horizontal	234	2.05	-	40.07	36.38	10.62	34.50

802.11n HT20_Nss1,(MCS0)_2TX

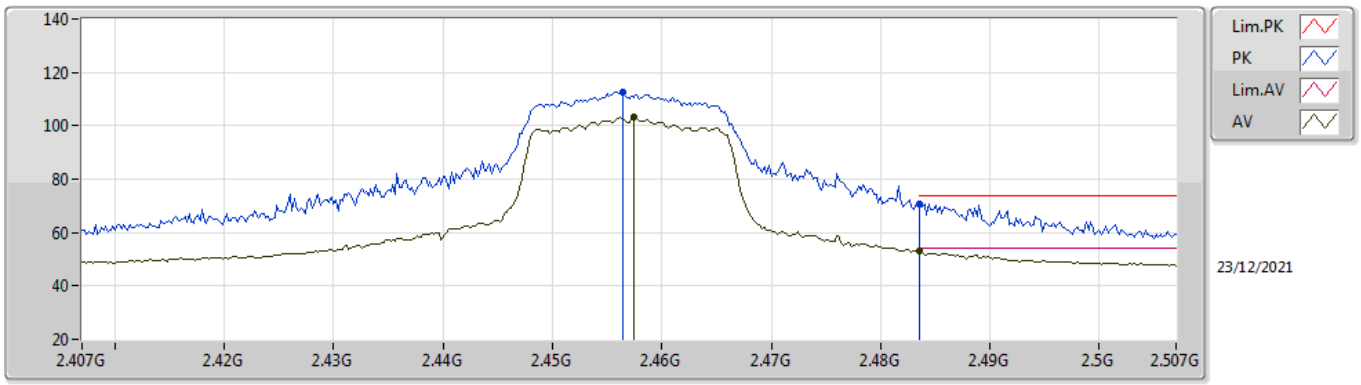
2457MHz_TX



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	2.4566G	97.70	Inf	-Inf	34.71	3	Vertical	96	2.97	-	62.99	27.40	7.31	-
AV	2.4835G	50.33	54.00	-3.67	34.73	3	Vertical	96	2.97	-	15.60	27.40	7.33	-
PK	2.4564G	106.96	Inf	-Inf	34.71	3	Vertical	96	2.97	-	72.25	27.40	7.31	-
PK	2.485G	66.81	74.00	-7.19	34.73	3	Vertical	96	2.97	-	32.08	27.40	7.33	-

802.11n HT20_Nss1,(MCS0)_2TX

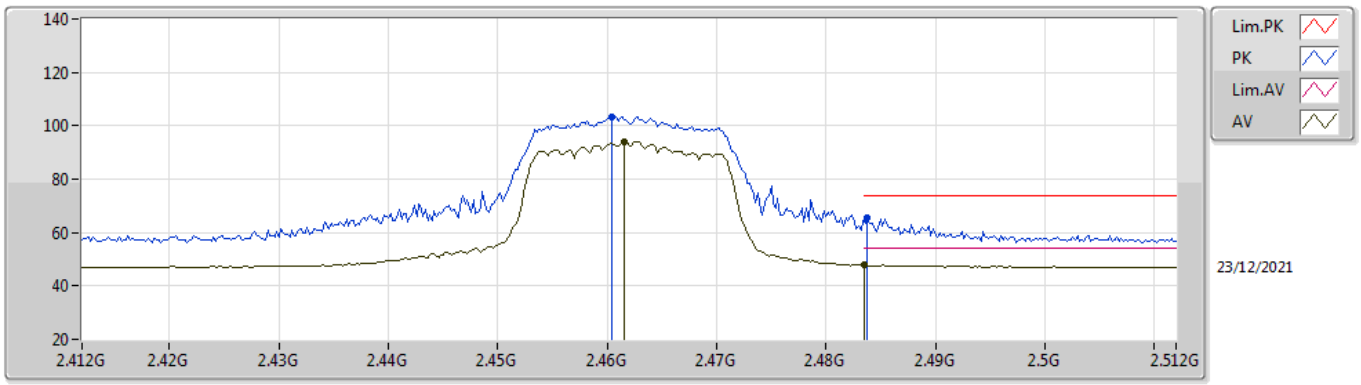
2457MHz_TX



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	2.4574G	103.14	Inf	-Inf	34.71	3	Horizontal	175	1.48	-	68.43	27.40	7.31	-
AV	2.4836G	53.35	54.00	-0.65	34.73	3	Horizontal	175	1.48	-	18.62	27.40	7.33	-
PK	2.4564G	112.73	Inf	-Inf	34.71	3	Horizontal	175	1.48	-	78.02	27.40	7.31	-
PK	2.4836G	70.84	74.00	-3.16	34.73	3	Horizontal	175	1.48	-	36.11	27.40	7.33	-

802.11n HT20_Nss1,(MCS0)_2TX

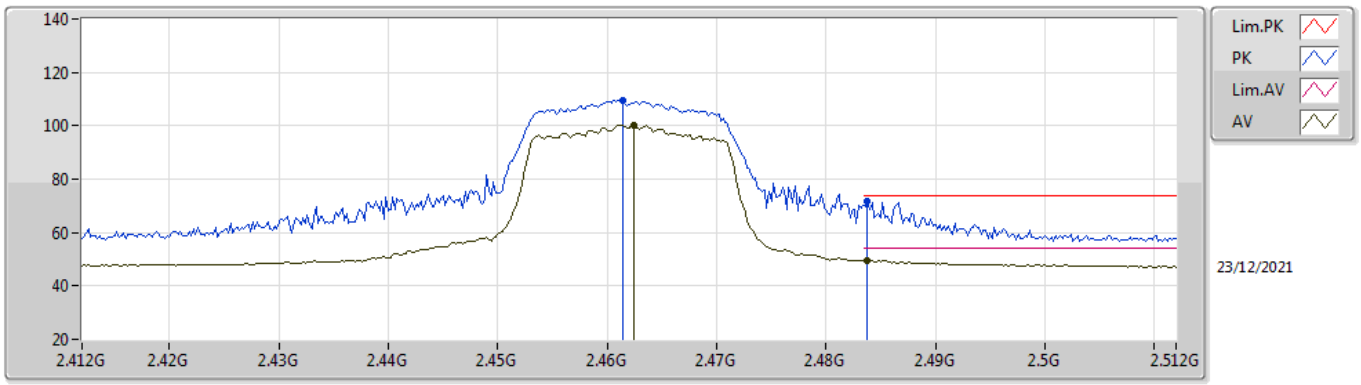
2462MHz_TX



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	2.4616G	94.13	Inf	-Inf	34.71	3	Vertical	269	2.94	-	59.42	27.40	7.31	-
AV	2.4835G	47.78	54.00	-6.22	34.73	3	Vertical	269	2.94	-	13.05	27.40	7.33	-
PK	2.4604G	103.36	Inf	-Inf	34.71	3	Vertical	269	2.94	-	68.65	27.40	7.31	-
PK	2.4838G	65.40	74.00	-8.60	34.73	3	Vertical	269	2.94	-	30.67	27.40	7.33	-

802.11n HT20_Nss1,(MCS0)_2TX

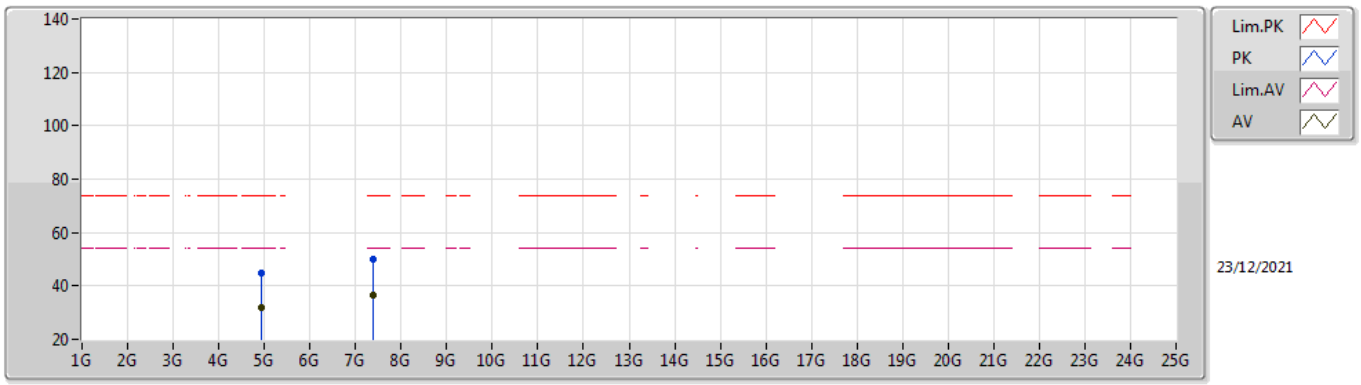
2462MHz_TX



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	2.4624G	100.33	Inf	-Inf	34.71	3	Horizontal	175	1.50	-	65.62	27.40	7.31	-
AV	2.4838G	49.65	54.00	-4.35	34.73	3	Horizontal	175	1.50	-	14.92	27.40	7.33	-
PK	2.4614G	109.59	Inf	-Inf	34.71	3	Horizontal	175	1.50	-	74.88	27.40	7.31	-
PK	2.4838G	71.95	74.00	-2.05	34.73	3	Horizontal	175	1.50	-	37.22	27.40	7.33	-

802.11n HT20_Nss1,(MCS0)_2TX

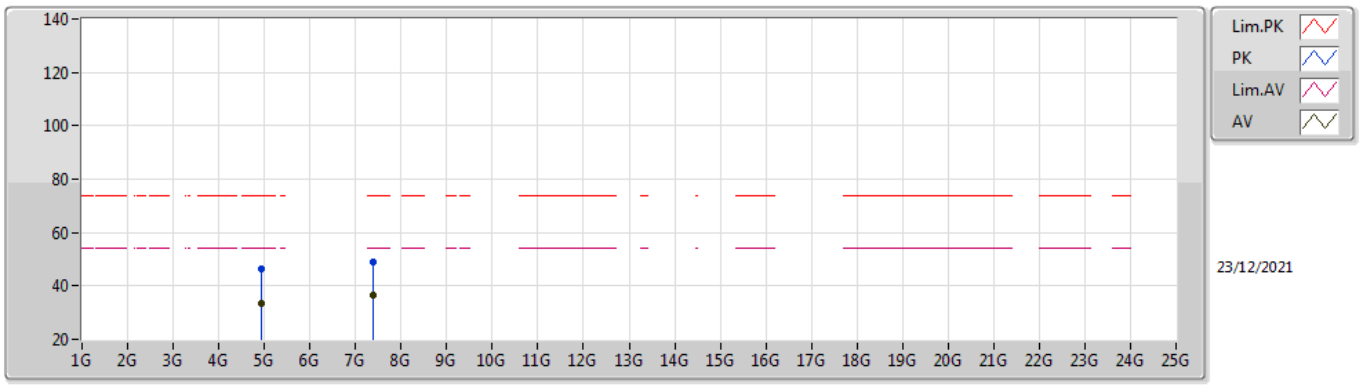
2462MHz_TX



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	4.92384G	31.92	54.00	-22.08	6.15	3	Vertical	65	3.00	-	25.77	31.30	8.99	34.14
AV	7.3818G	36.30	54.00	-17.70	12.44	3	Vertical	56	1.50	-	23.86	36.24	10.69	34.49
PK	4.9234G	44.95	74.00	-29.05	6.14	3	Vertical	65	3.00	-	38.81	31.29	8.99	34.14
PK	7.39388G	49.78	74.00	-24.22	12.42	3	Vertical	56	1.50	-	37.36	36.21	10.70	34.49

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_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	4.92548G	33.51	54.00	-20.49	6.15	3	Horizontal	37	2.82	-	27.36	31.30	8.99	34.14
AV	7.3798G	36.40	54.00	-17.60	12.44	3	Horizontal	223	1.50	-	23.96	36.24	10.69	34.49
PK	4.91972G	46.43	74.00	-27.57	6.13	3	Horizontal	37	2.82	-	40.30	31.28	8.99	34.14
PK	7.37988G	49.22	74.00	-24.78	12.44	3	Horizontal	223	1.50	-	36.78	36.24	10.69	34.49

Summary

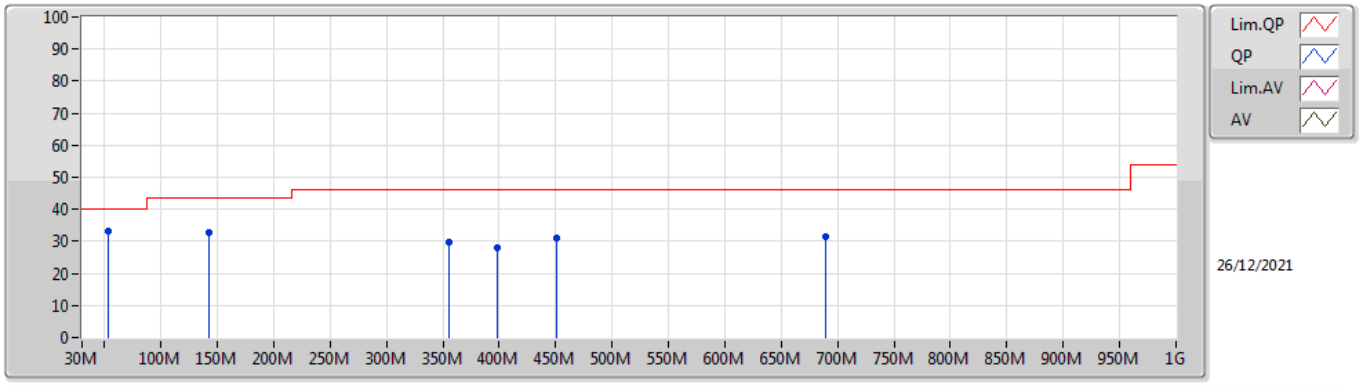
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	PK	53.28M	33.03	40.00	-6.97	3	Vertical	360	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	53.28M	33.03	40.00	-6.97	3	Vertical	360	1.00	-
2437MHz	Pass	PK	142.52M	32.55	43.50	-10.95	3	Vertical	360	1.00	-
2437MHz	Pass	PK	355.92M	29.59	46.00	-16.41	3	Vertical	360	1.00	-
2437MHz	Pass	PK	398.6M	27.98	46.00	-18.02	3	Vertical	360	1.00	-
2437MHz	Pass	PK	450.98M	31.25	46.00	-14.75	3	Vertical	360	1.00	-
2437MHz	Pass	PK	689.6M	31.46	46.00	-14.54	3	Vertical	360	1.00	-
2437MHz	Pass	PK	53.28M	29.60	40.00	-10.40	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	142.52M	29.85	43.50	-13.65	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	191.02M	27.99	43.50	-15.51	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	268.62M	30.24	46.00	-15.76	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	355.92M	32.57	46.00	-13.43	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	416.06M	30.16	46.00	-15.84	3	Horizontal	0	1.00	-

802.11n HT20_Nss1,(MCS0)_2RX

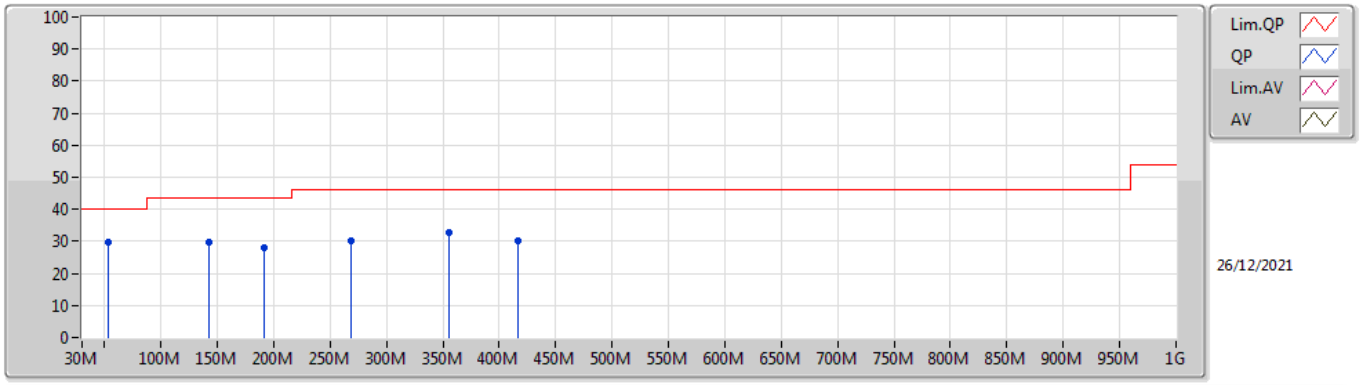
2437MHz_Switching Power Supply



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	53.28M	33.03	40.00	-6.97	-14.42	3	Vertical	360	1.00	-	47.45	12.22	1.09	27.73
PK	142.52M	32.55	43.50	-10.95	-9.75	3	Vertical	360	1.00	-	42.30	16.18	1.66	27.59
PK	355.92M	29.59	46.00	-16.41	-5.00	3	Vertical	360	1.00	-	34.59	19.81	2.57	27.38
PK	398.6M	27.98	46.00	-18.02	-4.12	3	Vertical	360	1.00	-	32.10	20.92	2.73	27.77
PK	450.98M	31.25	46.00	-14.75	-3.25	3	Vertical	360	1.00	-	34.50	21.93	2.90	28.08
PK	689.6M	31.46	46.00	-14.54	-0.48	3	Vertical	360	1.00	-	31.94	24.18	3.57	28.23

802.11n HT20_Nss1,(MCS0)_2RX

2437MHz_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	53.28M	29.60	40.00	-10.40	-14.42	3	Horizontal	0	1.00	-	44.02	12.22	1.09	27.73
PK	142.52M	29.85	43.50	-13.65	-9.75	3	Horizontal	0	1.00	-	39.60	16.18	1.66	27.59
PK	191.02M	27.99	43.50	-15.51	-11.20	3	Horizontal	0	1.00	-	39.19	14.26	1.92	27.38
PK	268.62M	30.24	46.00	-15.76	-6.59	3	Horizontal	0	1.00	-	36.83	18.21	2.23	27.03
PK	355.92M	32.57	46.00	-13.43	-5.00	3	Horizontal	0	1.00	-	37.57	19.81	2.57	27.38
PK	416.06M	30.16	46.00	-15.84	-3.34	3	Horizontal	0	1.00	-	33.50	21.74	2.79	27.87

Summary

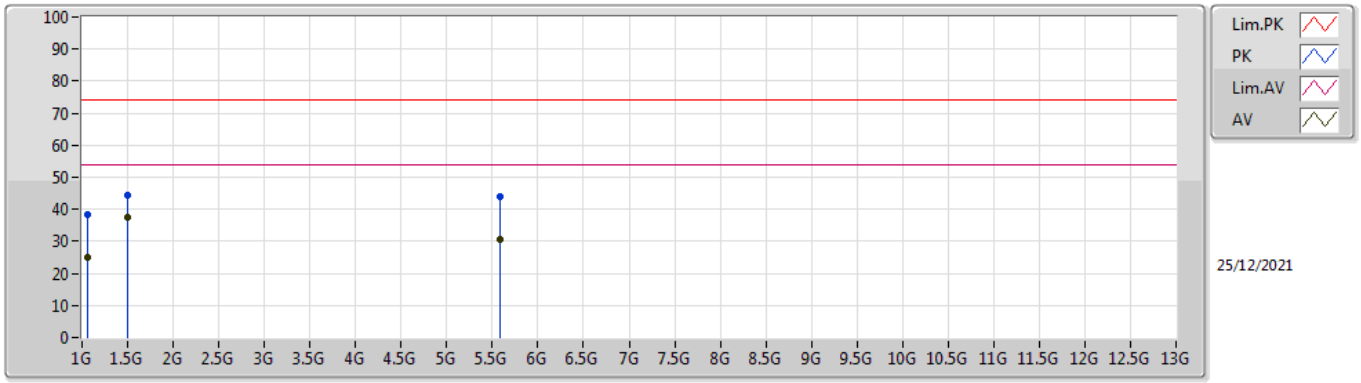
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	AV	1.492G	40.75	54.00	-13.25	3	Horizontal	0	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	AV	1.06G	25.14	54.00	-28.86	3	Vertical	360	1.00	-
2437MHz	Pass	AV	1.492G	37.30	54.00	-16.70	3	Vertical	360	1.00	-
2437MHz	Pass	AV	5.584G	30.46	54.00	-23.54	3	Vertical	360	1.00	-
2437MHz	Pass	PK	1.06G	38.24	74.00	-35.76	3	Vertical	360	1.00	-
2437MHz	Pass	PK	1.492G	44.39	74.00	-29.61	3	Vertical	360	1.00	-
2437MHz	Pass	PK	5.584G	43.96	74.00	-30.04	3	Vertical	360	1.00	-
2437MHz	Pass	AV	1.492G	40.75	54.00	-13.25	3	Horizontal	0	1.00	-
2437MHz	Pass	AV	3.928G	27.72	54.00	-26.28	3	Horizontal	0	1.00	-
2437MHz	Pass	AV	5.08G	30.52	54.00	-23.48	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	1.492G	45.46	74.00	-28.54	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	3.928G	41.27	74.00	-32.73	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	5.08G	43.46	74.00	-30.54	3	Horizontal	0	1.00	-

802.11n HT20_Nss1,(MCS0)_2RX

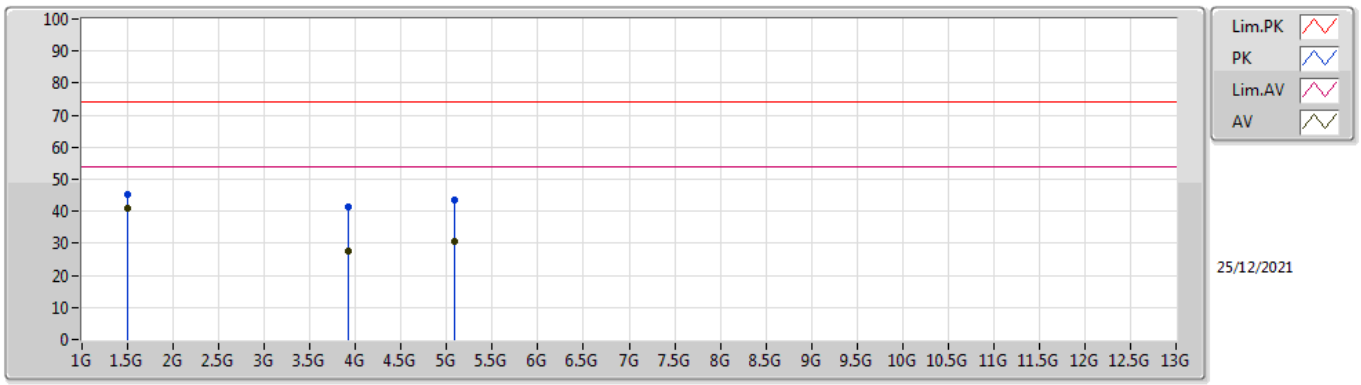
2437MHz_RX



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	1.06G	25.14	54.00	-28.86	-5.77	3	Vertical	360	1.00	-	30.91	24.42	4.73	34.92
AV	1.492G	37.30	54.00	-16.70	-2.78	3	Vertical	360	1.00	-	40.08	25.58	5.89	34.25
AV	5.584G	30.46	54.00	-23.54	6.98	3	Vertical	360	1.00	-	23.48	31.73	9.45	34.20
PK	1.06G	38.24	74.00	-35.76	-5.77	3	Vertical	360	1.00	-	44.01	24.42	4.73	34.92
PK	1.492G	44.39	74.00	-29.61	-2.78	3	Vertical	360	1.00	-	47.17	25.58	5.89	34.25
PK	5.584G	43.96	74.00	-30.04	6.98	3	Vertical	360	1.00	-	36.98	31.73	9.45	34.20

802.11n HT20_Nss1,(MCS0)_2RX

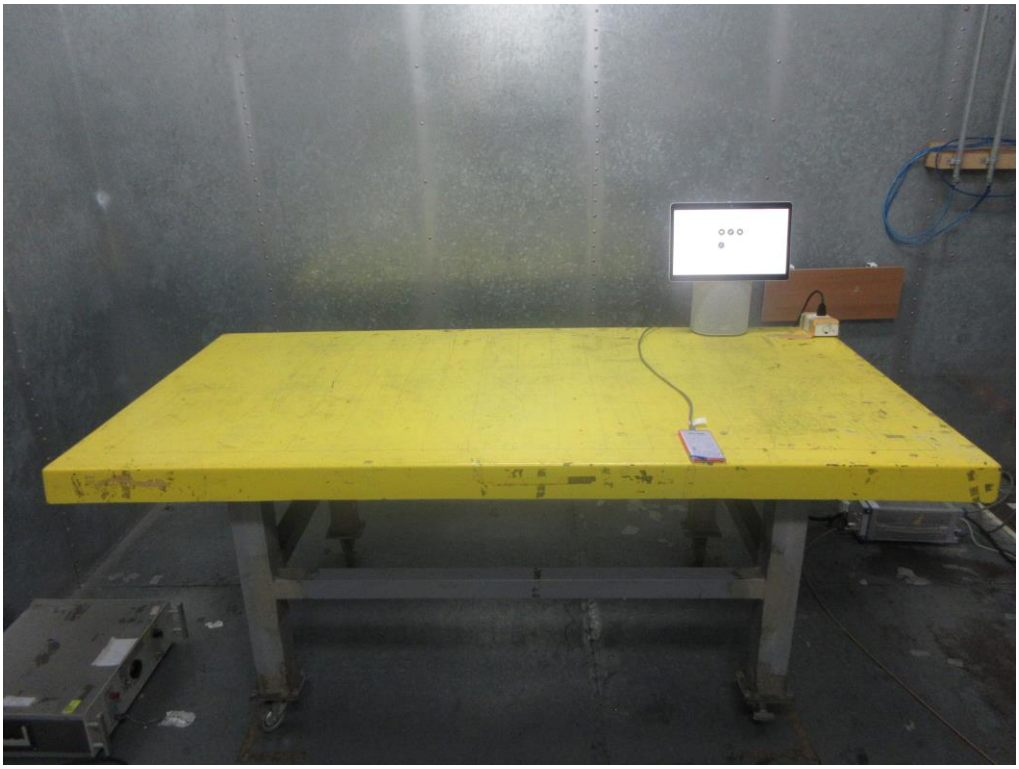
2437MHz_RX



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	1.492G	40.75	54.00	-13.25	-2.78	3	Horizontal	0	1.00	-	43.53	25.58	5.89	34.25
AV	3.928G	27.72	54.00	-26.28	3.43	3	Horizontal	0	1.00	-	24.29	29.56	8.28	34.41
AV	5.08G	30.52	54.00	-23.48	6.81	3	Horizontal	0	1.00	-	23.71	31.86	9.06	34.11
PK	1.492G	45.46	74.00	-28.54	-2.78	3	Horizontal	0	1.00	-	48.24	25.58	5.89	34.25
PK	3.928G	41.27	74.00	-32.73	3.43	3	Horizontal	0	1.00	-	37.84	29.56	8.28	34.41
PK	5.08G	43.46	74.00	-30.54	6.81	3	Horizontal	0	1.00	-	36.65	31.86	9.06	34.11

1. Photographs of Conducted Emissions Test Configuration - TX

Front view

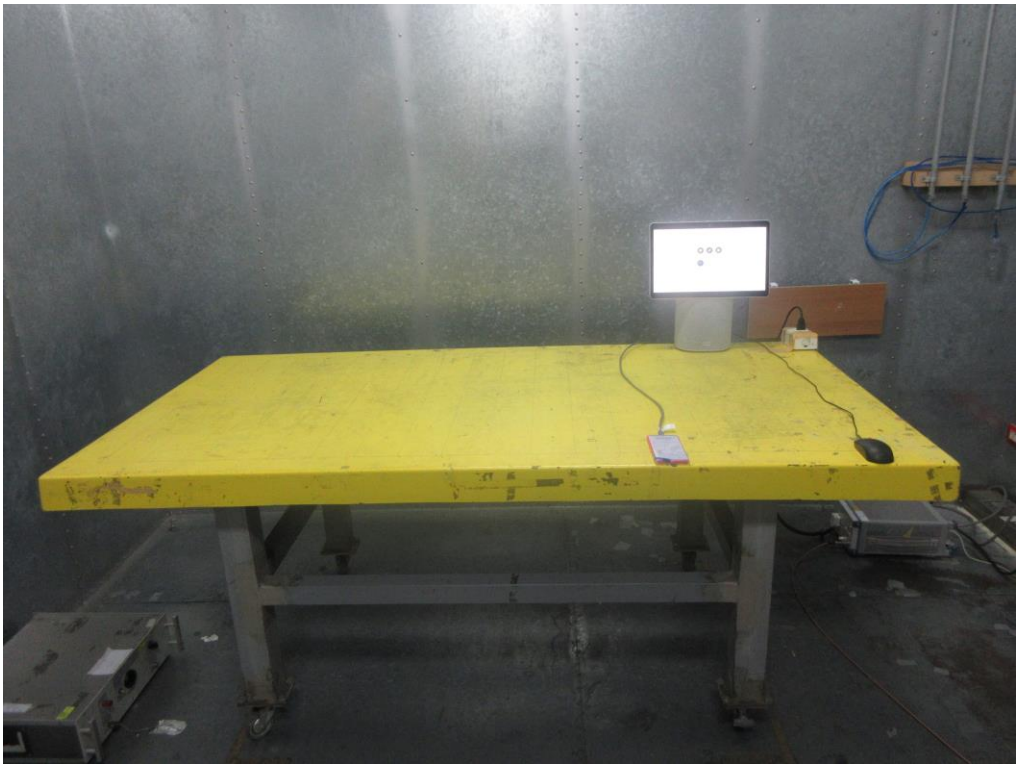


Side view

Under table view

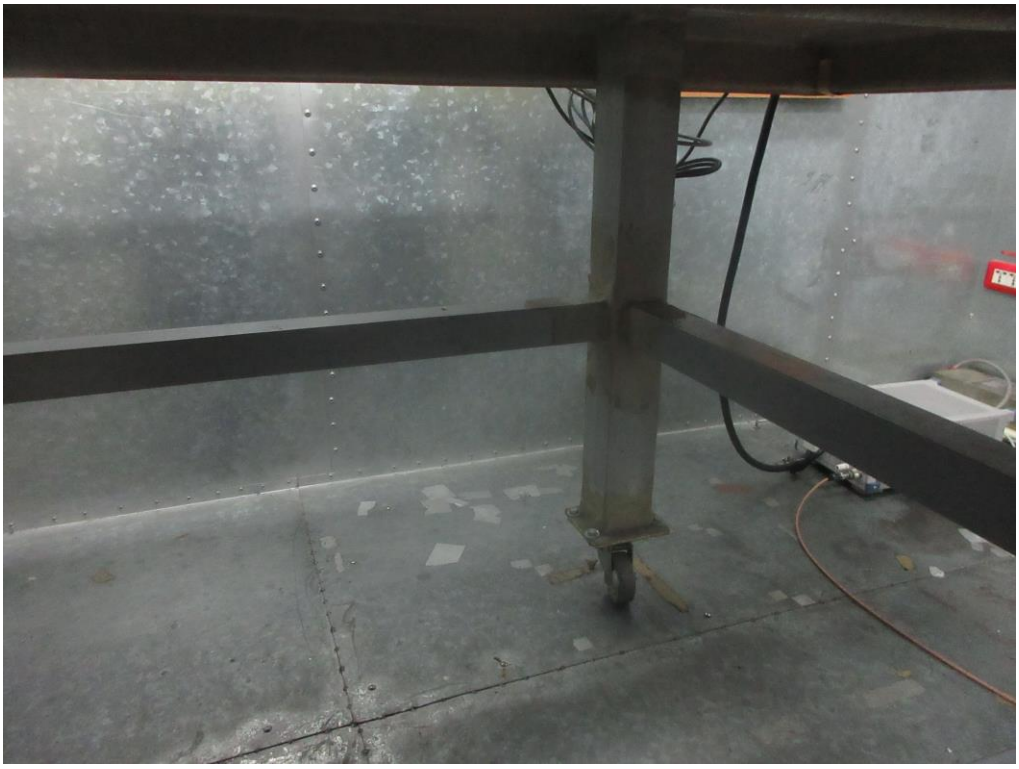
2. Photographs of Conducted Emissions Test Configuration - RX

Front view



Side view

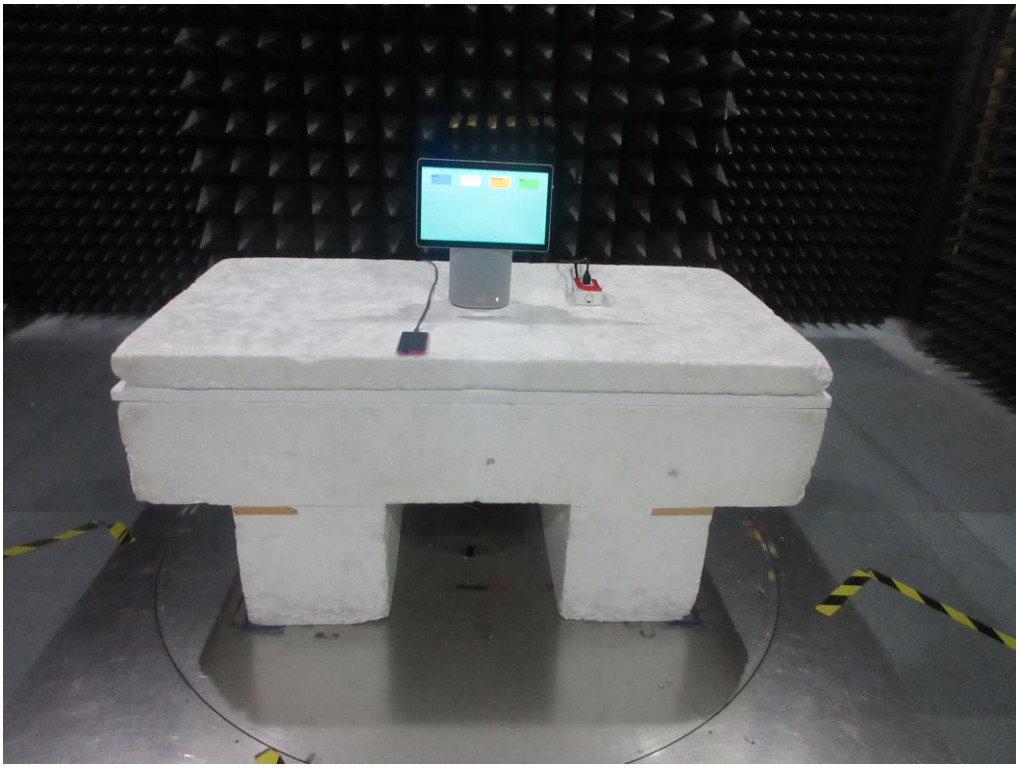
Under table view



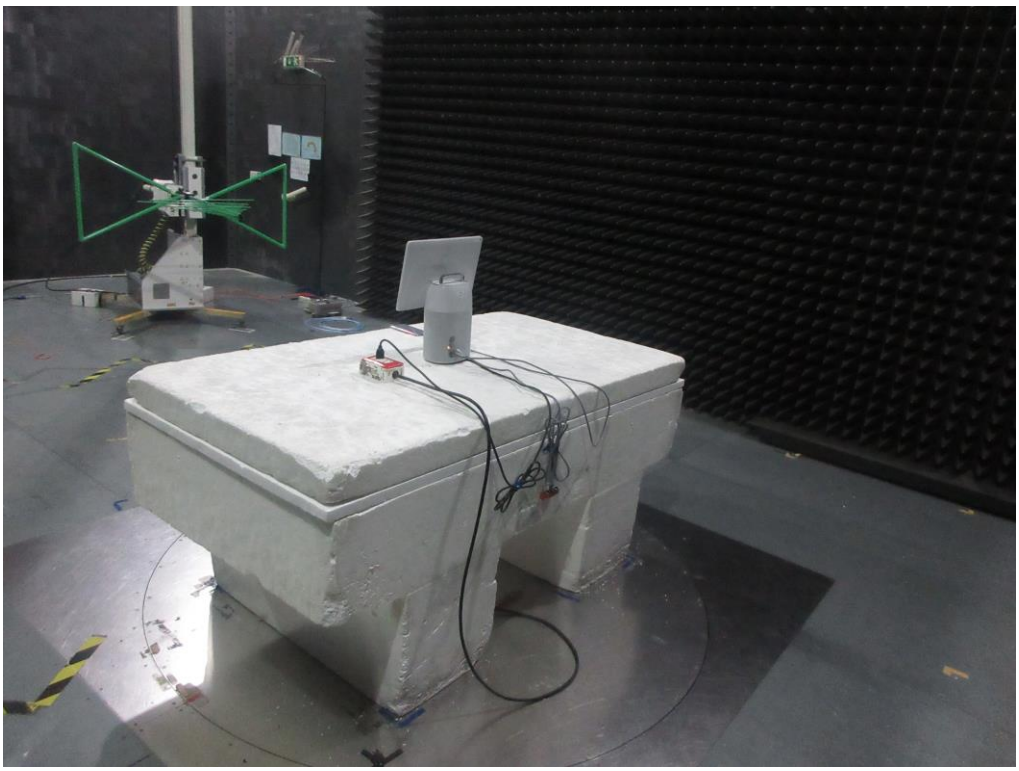
3. Photographs of Radiated Emissions Test Configuration - TX

For radiated emissions 30MHz~1GHz

Front view

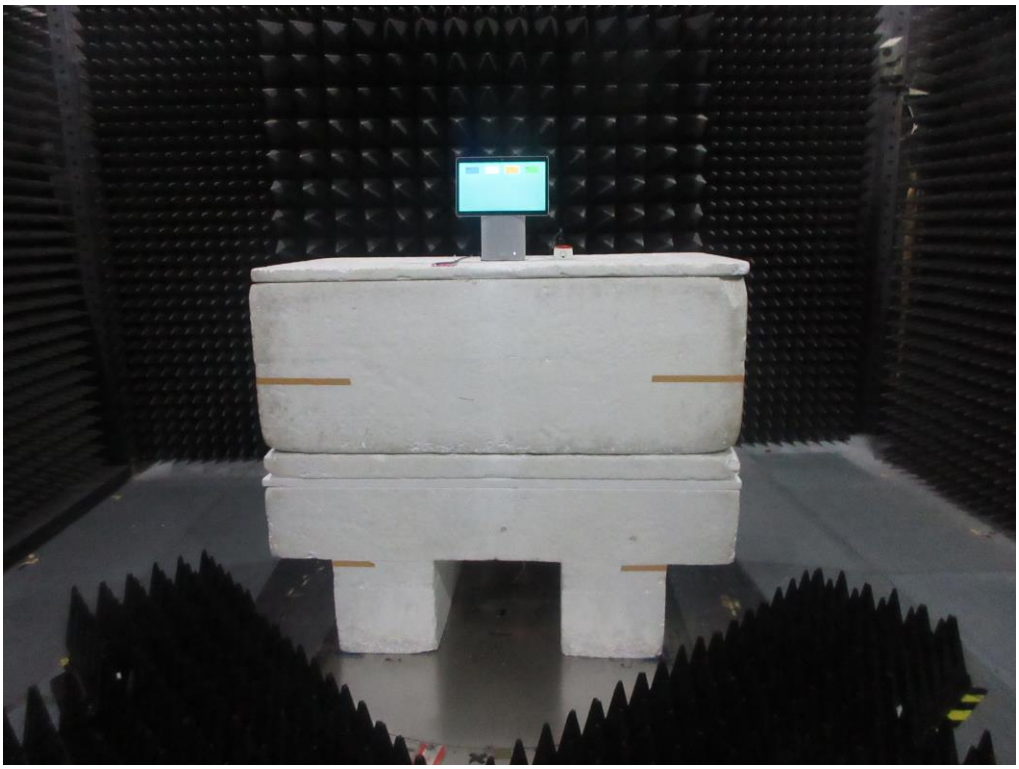


Rear view

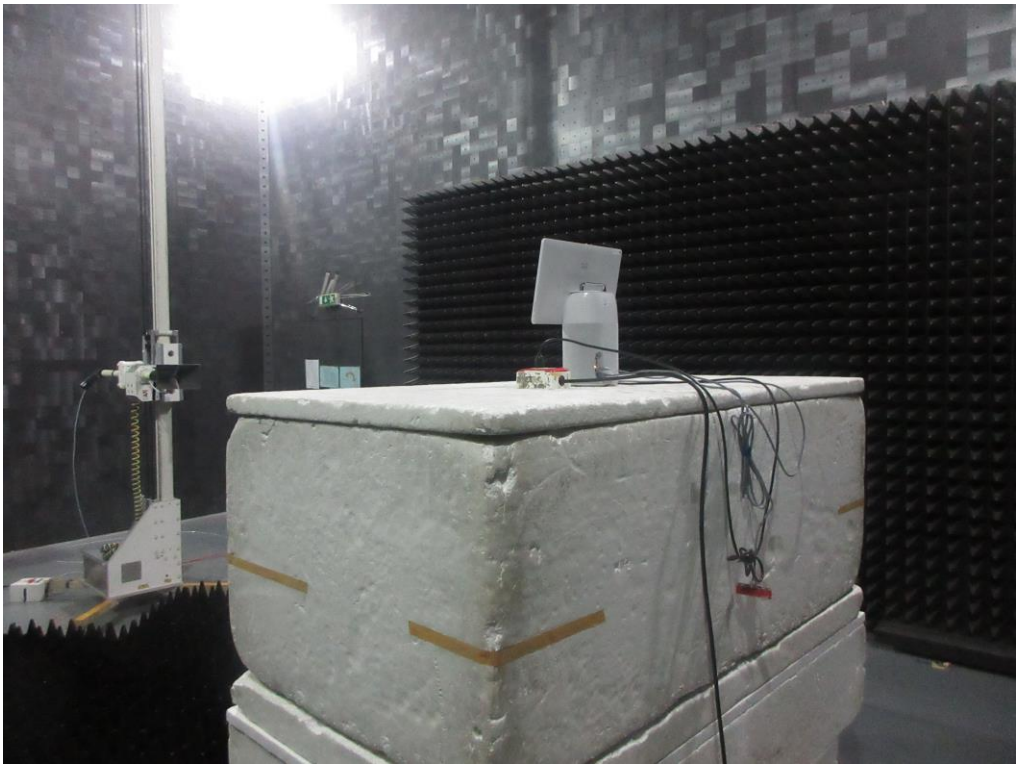


For radiated emissions above 1GHz

Front view



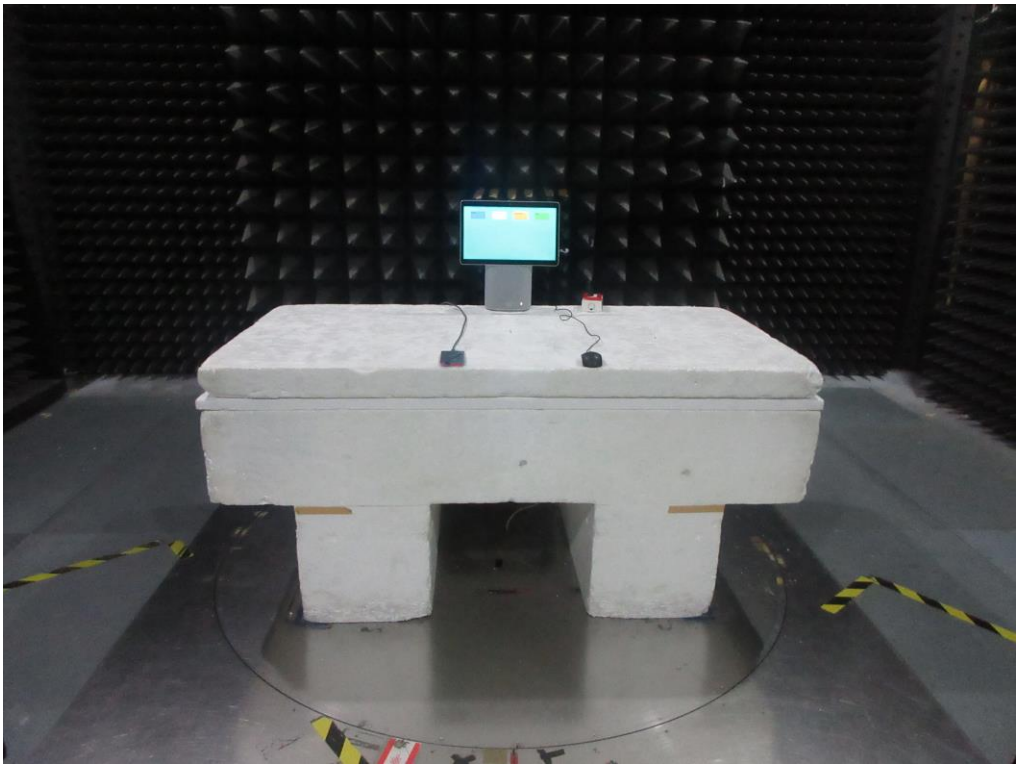
Rear view



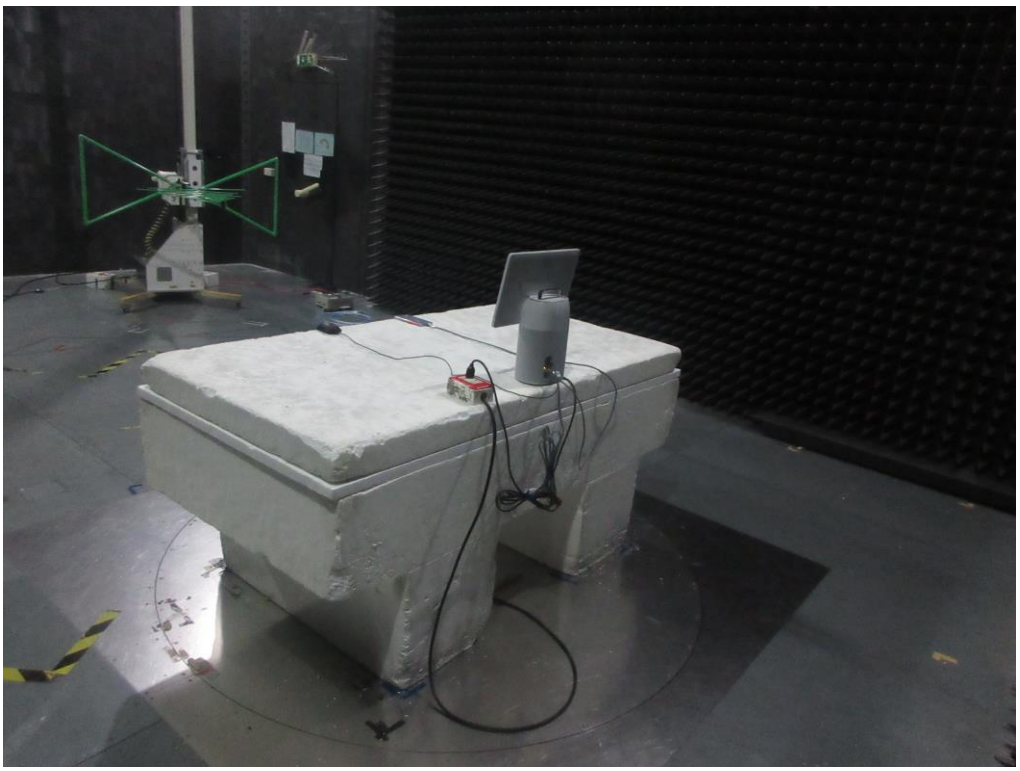
4. Photographs of Radiated Emissions Test Configuration - RX

For radiated emissions 30MHz~1GHz

Front view

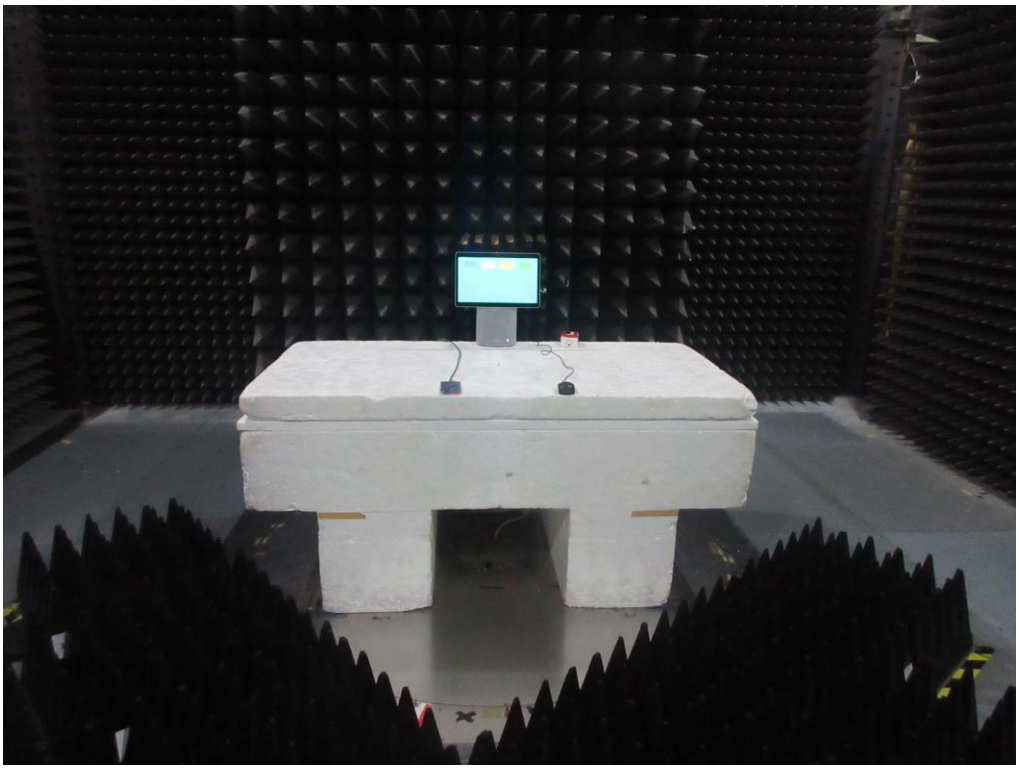


Rear view

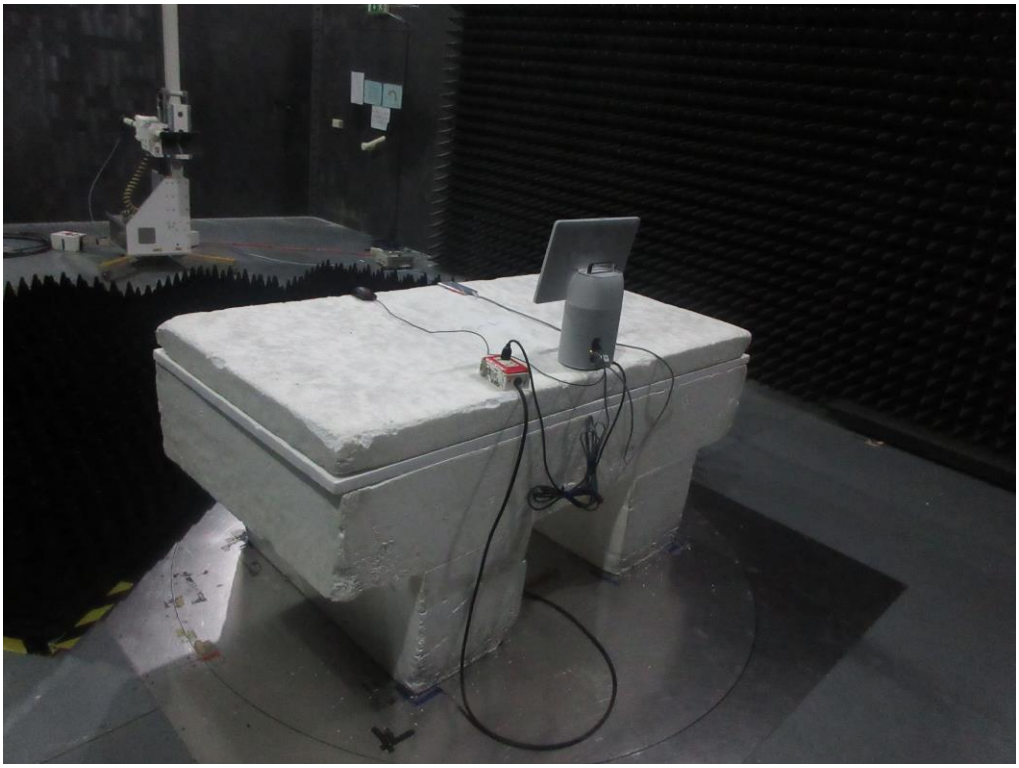


For radiated emissions above 1GHz

Front view



Rear view



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