FCC Radio Test Report

FCC ID	:	**2AAAS-CM09**
Equipment	:	**Vivint Doorbell Camera Pro**
Brand Name	:	**Vivint**
Model Name	:	**CM09**
Applicant	:	**Vivint, Inc. 4931 N. 300 W., Provo, UT 84604 USA**
Manufacturer	:	**Chicony Electronics Co.,Ltd. No.69, Sec. 2, Guangfu Rd., Sanchong Dist. New Taipei City 241 Taiwan**
Standard	:	**47 CFR FCC Part 15.247**

The product was received on Dec. 08, 2021, and testing was started from Dec. 25, 2021 and completed on Jan. 03, 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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History of this test report

Report No.	Version	Description	Issued Date
FR1D0217AC	01	Initial issue of report	Jan. 25, 2022

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.247(a)	DTS Bandwidth	PASS	-
3.3	15.247(b)	Maximum Conducted Output Power	PASS	-
3.4	15.247(e)	Power Spectral Density	PASS	-
3.5	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	-
3.6	15.247(d)	Emissions in Restricted Frequency Bands	PASS	-

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and explanations:
None

Reviewed by: Ben Tseng

Report Producer: Ann Hou

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]

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

Note:
- 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- 11g and 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
0	Amphenol	CY5765-15-001-C	PIFA	I-PEX
1	Amphenol	CY5765-15-002-C	PIFA	I-PEX

Ant.	Port	Gain (dBi)		
		2.4G	5G	BT
0	0	2.66	4.12	2.66
1	1	0.05	4.41	-

Note 1: The EUT has two antennas.

For 2.4GHz function:

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

Ant. 0 (port 0) and Ant. 1(port 1) could transmit/receive simultaneously.

For BT function:

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

Ant. 0 (port 0) could transmit/receive.

For 5GHz function:

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

Ant. 0 (port 0) and Ant. 1(port 1) could transmit/receive simultaneously.

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From Transformer			
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

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b_Nss1,(1Mbps)_2TX	0.991	0.04	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g_Nss1,(6Mbps)_2TX	0.934	0.3	1.429m	1k
802.11n HT20_Nss1,(MCS0)_2TX	0.93	0.32	1.338m	1k

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

1.2 Testing Applied Standards

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

- 47 CFR FCC Part 15
- ANSI C63.10-2013

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

- KDB 558074 D01 v05r02
- KDB 662911 D01 v02r01
- KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab.：Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua	**ADD:** No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
(TAF: 3785**)**	**TEL:** 886-3-327-3456		**FAX:** 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
AC Conduction	CO04-HY	Edward Wang	21.5~22.0°C / 50~54%	30/Dec/2021
RF Conducted	TH06-HY	Alan Chien	20.1~26.9°C / 50~60%	29/Dec/2021~03/Jan/2022
Radiated	03CH03-HY	Edward Wang	20.1~23.4°C / 50~60%	25/Dec/2021~30/Dec/2021
☐ Wen 33rd.St.	**ADD:** No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
(TAF: 3785**)**	**TEL:** 886-3-318-0787		**FAX:** 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				

1.4 Measurement Uncertainty

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

Test Items	**Uncertainty**	**Remark**
Conducted Emission (150kHz ~ 30MHz)	0.9 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	2.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.0 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	DOS v6.1

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	64
2417MHz	68
2437MHz	80
2457MHz	62
2462MHz	55
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	50
2417MHz	58
2437MHz	70
2457MHz	58
2462MHz	50
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	40
2417MHz	56
2437MHz	80
2457MHz	47
2462MHz	31

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	Transformer mode

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

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

2.3 Support Equipment

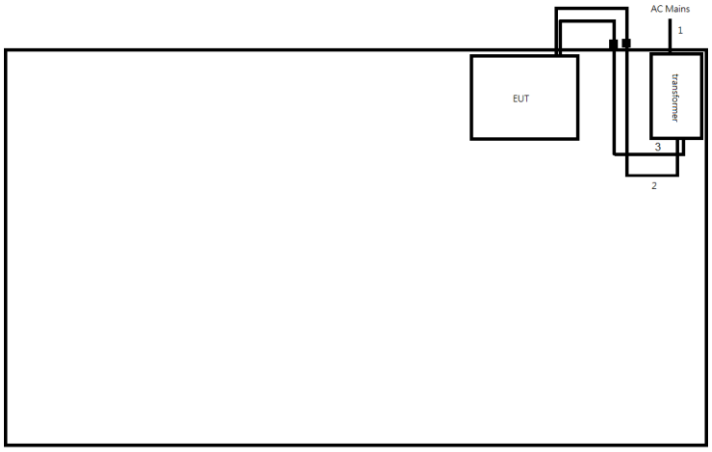
Support Equipment – AC Conduction					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Transformer	DONGGUAN	YJH-BYQ482405-F	-	Provided by Customer
2	Power Cable(Red)	-	-	-	-
3	Power Cable(Black)	-	-	-	-

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

Support Equipment – Radiated					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Transformer	DONGGUAN	YJH-BYQ482405-F	-	Provided by Customer
2	Power Cable(Red)	-	-	-	-
3	Power Cable(Black)	-	-	-	-

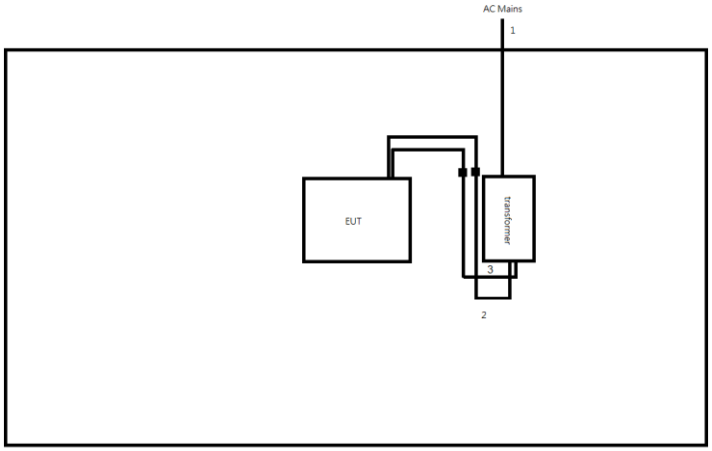
2.4 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	AC Power Cable	No	3.6m
2	Power Cable(Red)	No	1.0m
3	Power Cable(Black)	No	1.0m

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length
1	AC Power Cable	No	3.6m
2	Power Cable(Red)	No	1.0m
3	Power Cable(Black)	No	1.0m

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

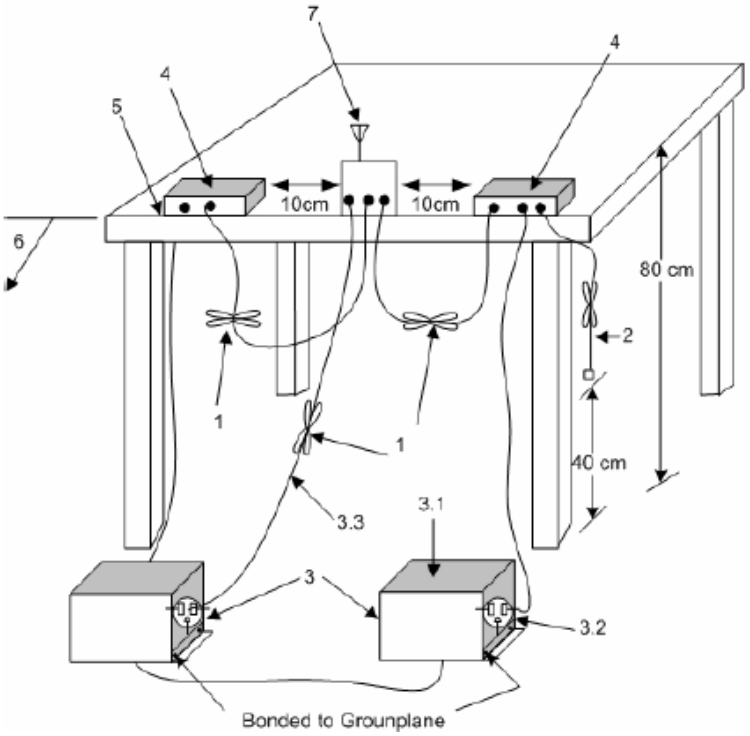
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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.

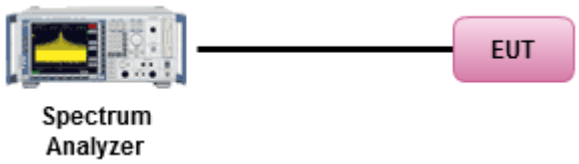
3.2.2 Measuring Instruments

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

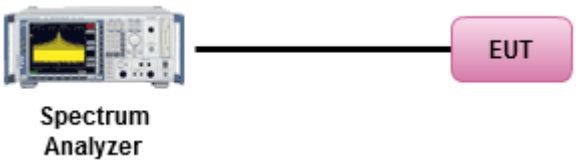
3.4.2 Measuring Instruments

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.	

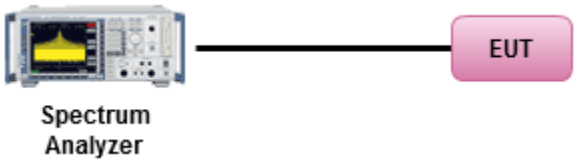
3.5.2 Measuring Instruments

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.

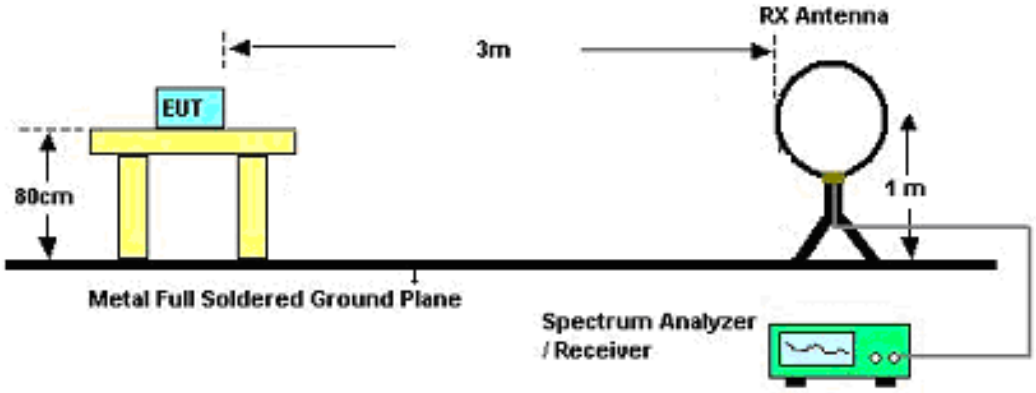
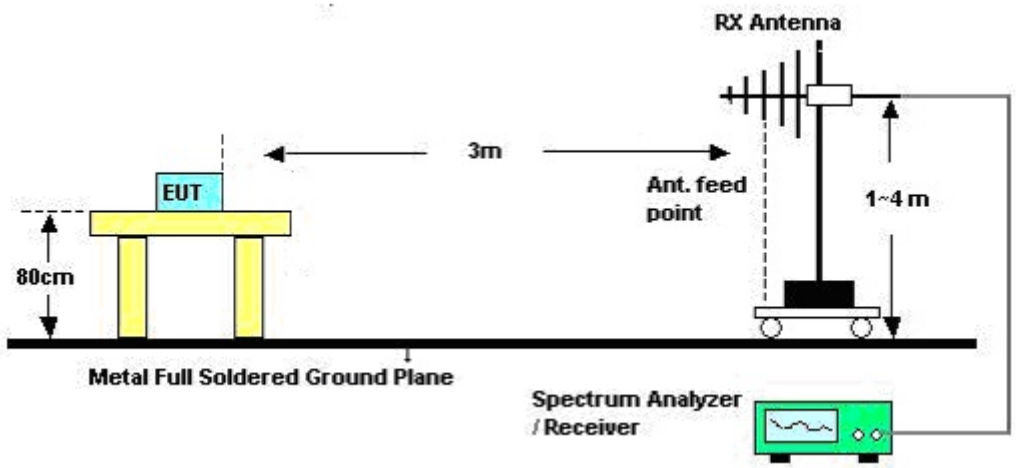
3.6.3 Test Procedures

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 FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	▪ Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

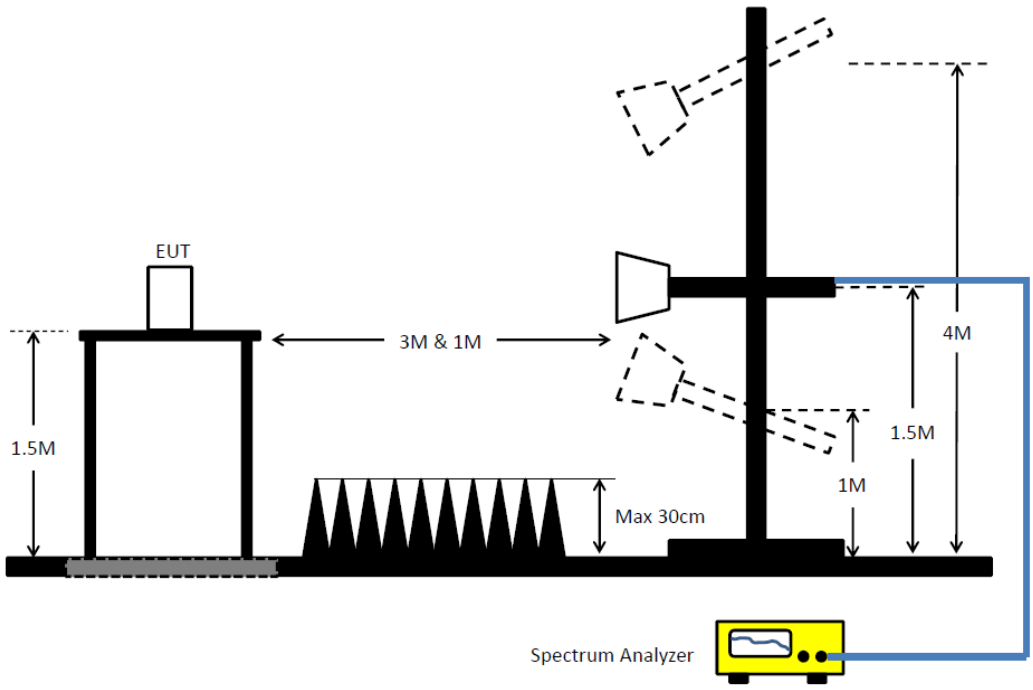
3.6.4 Measurement Results Calculation

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

3.6.5 Test Setup

Emissions in Restricted Frequency Bands
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



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

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR3	102051	9kHz ~ 3.6GHz	21/May/2021	20/May/2022
LISN	R&S	ENV216	101274	9kHz ~ 30MHz	13/May/2021	12/May/2022
RF Cable 5m	TITAN	TITAN	CO04-cable-01	0.1MHz~200MHz	03/Mar/2021	02/Mar/2022
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	26/Oct/2021	25/Oct/2022
SENSE-EMI	Sporton	V5.10.7.13	N/A	N/A	N/A	N/A

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	20/Oct/2021	19/Oct/2022
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	21/Oct/2021	20/Oct/2022
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	25/Mar/2021	24/Mar/2022
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	25/Mar/2021	24/Mar/2022
SENSE-15247 _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	03CH03-HY	30MHz~1GHz 3m	03/Aug/2021	02/Aug/2022
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	03/Aug/2021	02/Aug/2022
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	12/Oct/2021	11/Oct/2022
Amplifier	HP	8447D	2944A08033	10kHz~1.3GHz	13/Apr/2021	12/Apr/2022
Microwave Preamplifier	Agilent	8449B	3008A02326	1GHz~26.5GHz	15/Jul/2021	14/Jul/2022
Bilog Antenna & 6dB Attenuator	SCHAFFNER / EMCI	CBL6112B / N-6-05	22237 / AT-N-0603	30MHz~1GHz	17/Oct/2021	16/Oct/2022
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz~18GHz	14/Sep/2021	13/Sep/2022
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz~30MHz	16/Jun/2021	15/Jun/2022
RF Cable-R03m	Jye Bao	RG142	MY37335/4+CB021 -1+CB021-2	30MHz~1GHz	17/Mar/2021	16/Mar/2022
RF CABLE 5+6m	HUBER+SUHNER	SUOFLEX 104	SN MY38596/4+SN 804300/4	1GHz~40GHz	28/Jul/2021	27/Jul/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

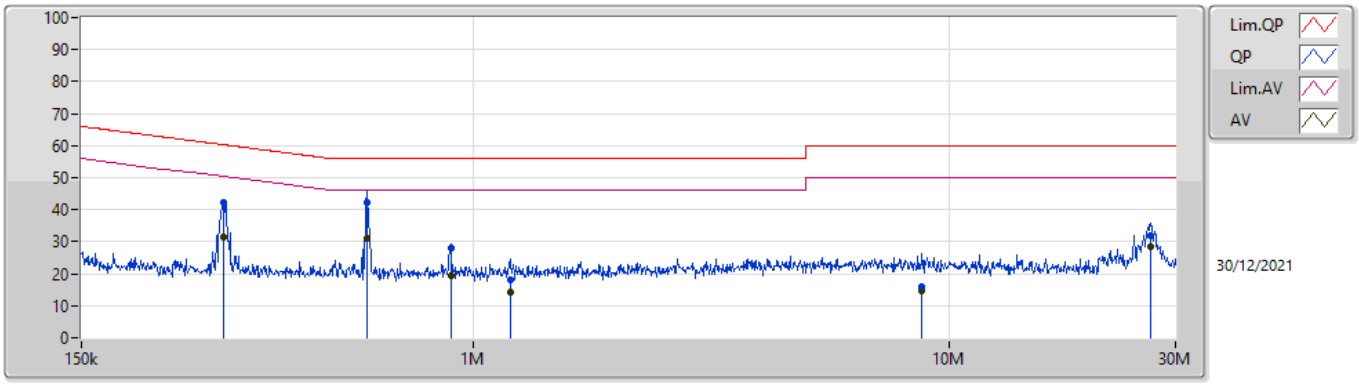
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	599.363k	42.95	56.00	-13.05	Neutral

Mode Configure

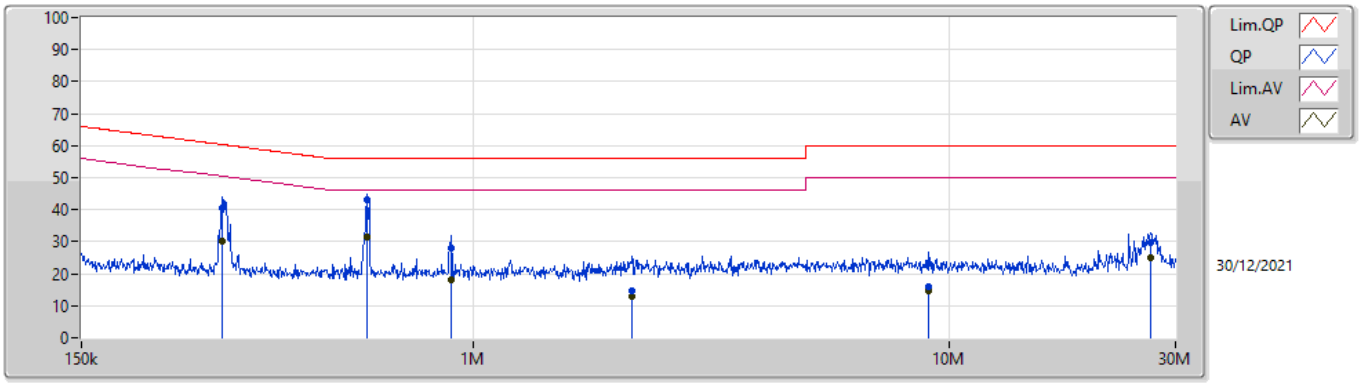
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	298.051k	42.43	60.30	-17.87	Line	-
Mode 1	Pass	AV	298.051k	31.56	50.30	-18.74	Line	-
Mode 1	Pass	QP	596.975k	42.29	56.00	-13.71	Line	-
Mode 1	Pass	AV	596.975k	31.18	46.00	-14.82	Line	-
Mode 1	Pass	QP	897.004k	28.16	56.00	-27.84	Line	-
Mode 1	Pass	AV	897.004k	19.28	46.00	-26.72	Line	-
Mode 1	Pass	QP	1.196M	17.98	56.00	-38.02	Line	-
Mode 1	Pass	AV	1.196M	14.10	46.00	-31.90	Line	-
Mode 1	Pass	QP	8.8M	16.16	60.00	-43.84	Line	-
Mode 1	Pass	AV	8.8M	14.62	50.00	-35.38	Line	-
Mode 1	Pass	QP	26.59M	31.97	60.00	-28.03	Line	-
Mode 1	Pass	AV	26.59M	28.26	50.00	-21.74	Line	-
Mode 1	Pass	QP	296.863k	40.72	60.32	-19.60	Neutral	-
Mode 1	Pass	AV	296.863k	30.29	50.32	-20.03	Neutral	-
Mode 1	Pass	QP	599.363k	42.95	56.00	-13.05	Neutral	-
Mode 1	Pass	AV	599.363k	31.37	46.00	-14.63	Neutral	-
Mode 1	Pass	QP	900.592k	28.11	56.00	-27.89	Neutral	-
Mode 1	Pass	AV	900.592k	18.00	46.00	-28.00	Neutral	-
Mode 1	Pass	QP	2.159M	14.46	56.00	-41.54	Neutral	-
Mode 1	Pass	AV	2.159M	12.92	46.00	-33.08	Neutral	-
Mode 1	Pass	QP	9.049M	16.10	60.00	-43.90	Neutral	-
Mode 1	Pass	AV	9.049M	14.53	50.00	-35.47	Neutral	-
Mode 1	Pass	QP	26.59M	29.78	60.00	-30.22	Neutral	-
Mode 1	Pass	AV	26.59M	24.89	50.00	-25.11	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	298.051k	42.43	60.30	-17.87	19.64	Line	-	22.79	9.68	0.05	9.91
AV	298.051k	31.56	50.30	-18.74	19.64	Line	-	11.92	9.68	0.05	9.91
QP	596.975k	42.29	56.00	-13.71	19.66	Line	-	22.63	9.68	0.07	9.91
AV	596.975k	31.18	46.00	-14.82	19.66	Line	-	11.52	9.68	0.07	9.91
QP	897.004k	28.16	56.00	-27.84	19.68	Line	-	8.48	9.68	0.08	9.92
AV	897.004k	19.28	46.00	-26.72	19.68	Line	-	-0.40	9.68	0.08	9.92
QP	1.196M	17.98	56.00	-38.02	19.69	Line	-	-1.71	9.68	0.09	9.92
AV	1.196M	14.10	46.00	-31.90	19.69	Line	-	-5.59	9.68	0.09	9.92
QP	8.8M	16.16	60.00	-43.84	19.85	Line	-	-3.69	9.73	0.19	9.93
AV	8.8M	14.62	50.00	-35.38	19.85	Line	-	-5.23	9.73	0.19	9.93
QP	26.59M	31.97	60.00	-28.03	19.87	Line	-	12.10	9.61	0.33	9.93
AV	26.59M	28.26	50.00	-21.74	19.87	Line	-	8.39	9.61	0.33	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	296.863k	40.72	60.32	-19.60	19.63	Neutral	-	21.09	9.67	0.05	9.91
AV	296.863k	30.29	50.32	-20.03	19.63	Neutral	-	10.66	9.67	0.05	9.91
QP	599.363k	42.95	56.00	-13.05	19.65	Neutral	-	23.30	9.67	0.07	9.91
AV	599.363k	31.37	46.00	-14.63	19.65	Neutral	-	11.72	9.67	0.07	9.91
QP	900.592k	28.11	56.00	-27.89	19.67	Neutral	-	8.44	9.67	0.08	9.92
AV	900.592k	18.00	46.00	-28.00	19.67	Neutral	-	-1.67	9.67	0.08	9.92
QP	2.159M	14.46	56.00	-41.54	19.70	Neutral	-	-5.24	9.68	0.10	9.92
AV	2.159M	12.92	46.00	-33.08	19.70	Neutral	-	-6.78	9.68	0.10	9.92
QP	9.049M	16.10	60.00	-43.90	19.85	Neutral	-	-3.75	9.73	0.19	9.93
AV	9.049M	14.53	50.00	-35.47	19.85	Neutral	-	-5.32	9.73	0.19	9.93
QP	26.59M	29.78	60.00	-30.22	19.99	Neutral	-	9.79	9.73	0.33	9.93
AV	26.59M	24.89	50.00	-25.11	19.99	Neutral	-	4.90	9.73	0.33	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)_2TX	8.975M	12.494M	12M5G1D	7.525M	10.57M
802.11g_Nss1,(6Mbps)_2TX	16.35M	16.917M	16M9D1D	16.3M	16.742M
802.11n HT20_Nss1,(MCS0)_2TX	17.575M	19.89M	19M9D1D	17M	17.866M

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

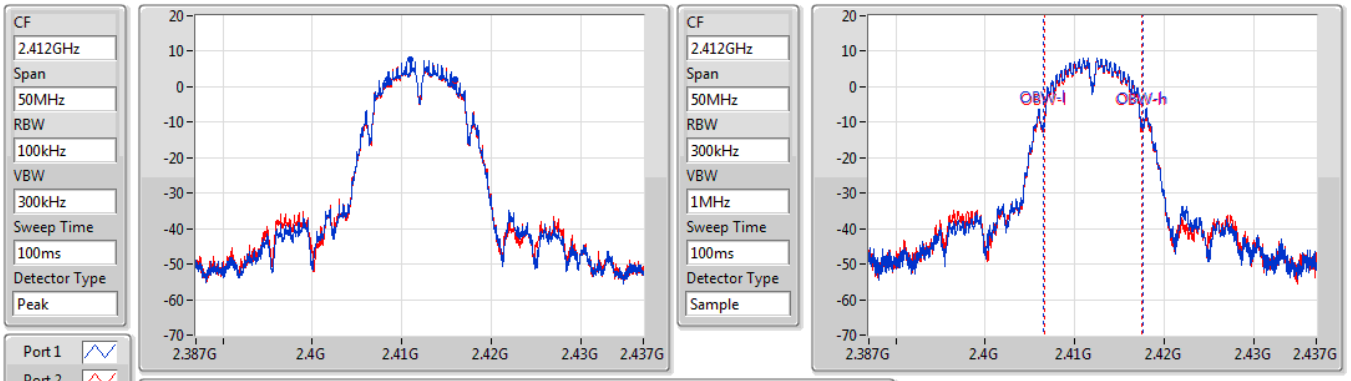
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	7.575M	11.044M	7.525M	10.845M
2437MHz	Pass	500k	8.975M	12.494M	8.025M	11.119M
2462MHz	Pass	500k	8.025M	10.82M	8.05M	10.57M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.35M	16.742M	16.325M	16.817M
2437MHz	Pass	500k	16.325M	16.917M	16.325M	16.892M
2462MHz	Pass	500k	16.35M	16.867M	16.3M	16.817M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.575M	17.991M	17.575M	17.916M
2437MHz	Pass	500k	17.575M	19.89M	17M	18.516M
2462MHz	Pass	500k	17.575M	17.966M	17.55M	17.866M

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

802.11b_Nss1,(1Mbps)_2TX EBW

2412MHz

29/12/2021

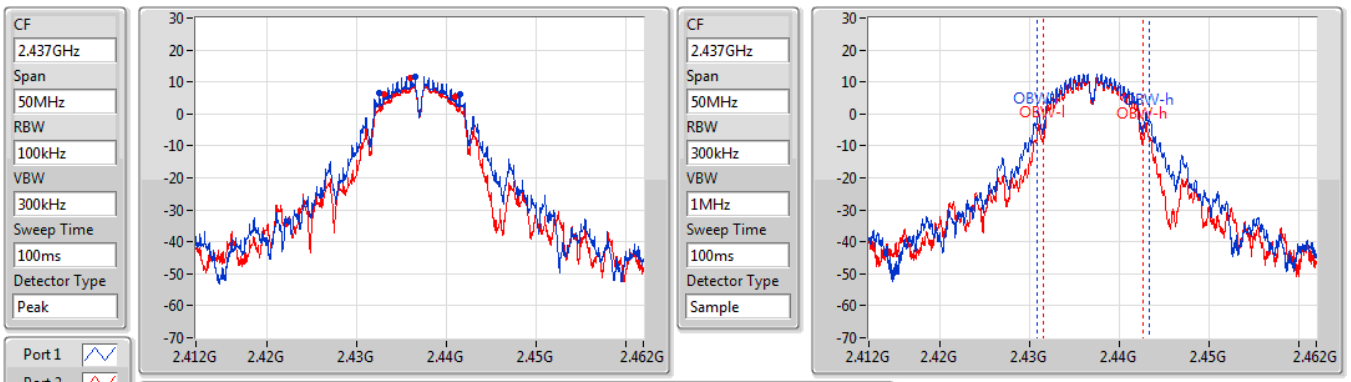


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.575M	2.40845G	2.416025G	11.044M	2.406528G	2.417572G	500k	1
7.525M	2.40845G	2.415975G	10.845M	2.406603G	2.417447G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2437MHz

29/12/2021

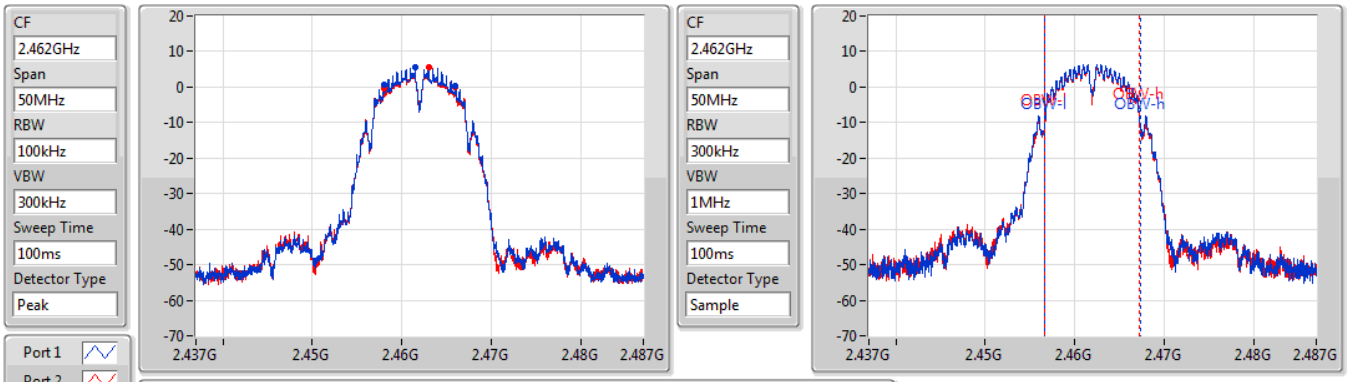


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.975M	2.4325G	2.441475G	12.494M	2.430778G	2.443272G	500k	1
8.025M	2.433G	2.441025G	11.119M	2.431478G	2.442597G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2462MHz

29/12/2021

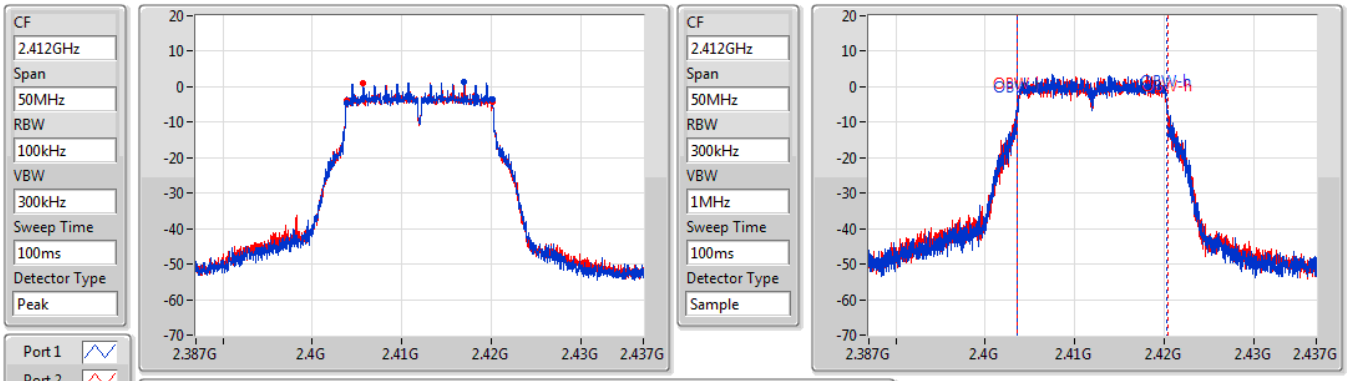


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.025M	2.457975G	2.466G	10.82M	2.456578G	2.467397G	500k	1
8.05M	2.457975G	2.466025G	10.57M	2.456653G	2.467222G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2412MHz

29/12/2021

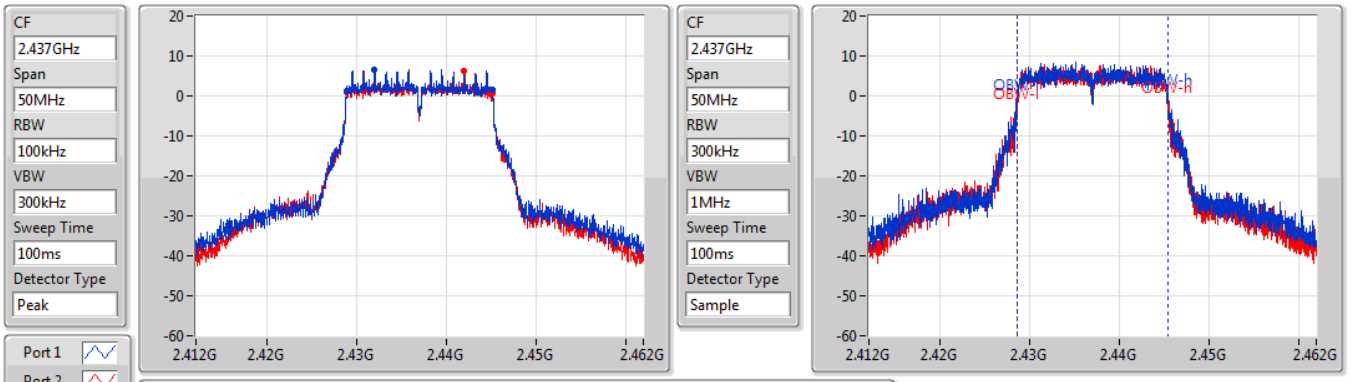


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	2.4038G	2.42015G	16.742M	2.403604G	2.420346G	500k	1
16.325M	2.403825G	2.42015G	16.817M	2.403554G	2.420371G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2437MHz

29/12/2021

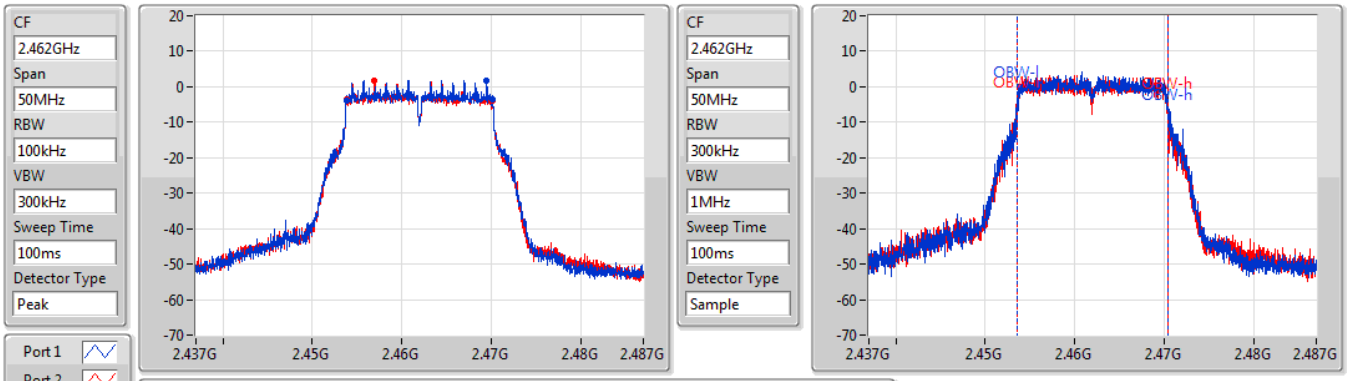


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.428825G	2.44515G	16.917M	2.428529G	2.445446G	500k	1
16.325M	2.428825G	2.44515G	16.892M	2.428529G	2.445421G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2462MHz

29/12/2021



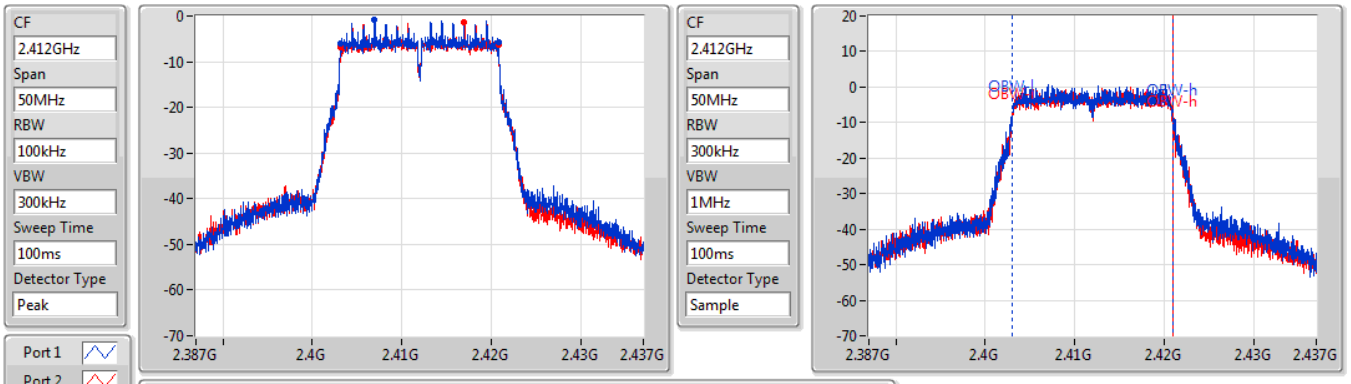
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	2.4538G	2.47015G	16.867M	2.453579G	2.470446G	500k	1
16.3M	2.453825G	2.470125G	16.817M	2.453554G	2.470371G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX

EBW

2412MHz

29/12/2021



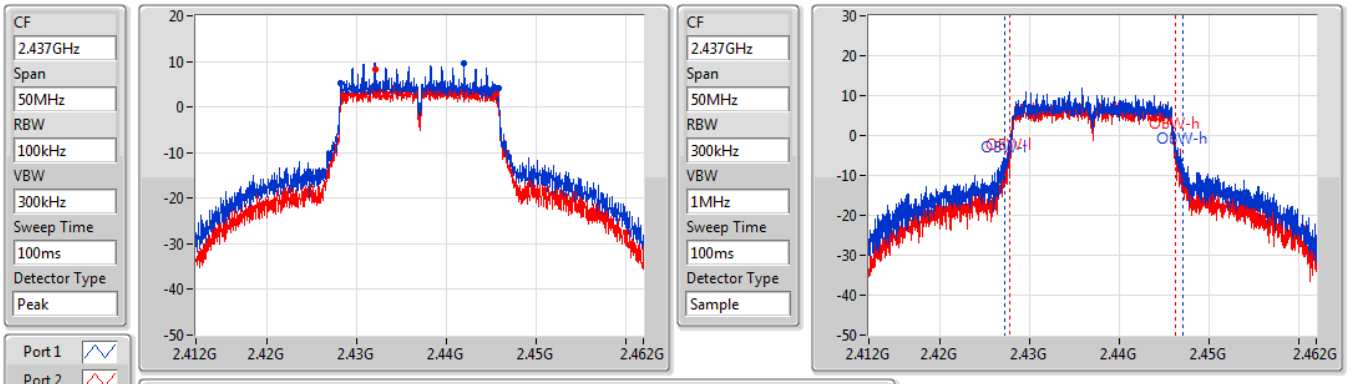
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.4032G	2.420775G	17.991M	2.403004G	2.420996G	500k	1
17.575M	2.4032G	2.420775G	17.916M	2.403029G	2.420946G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX

EBW

2437MHz

29/12/2021

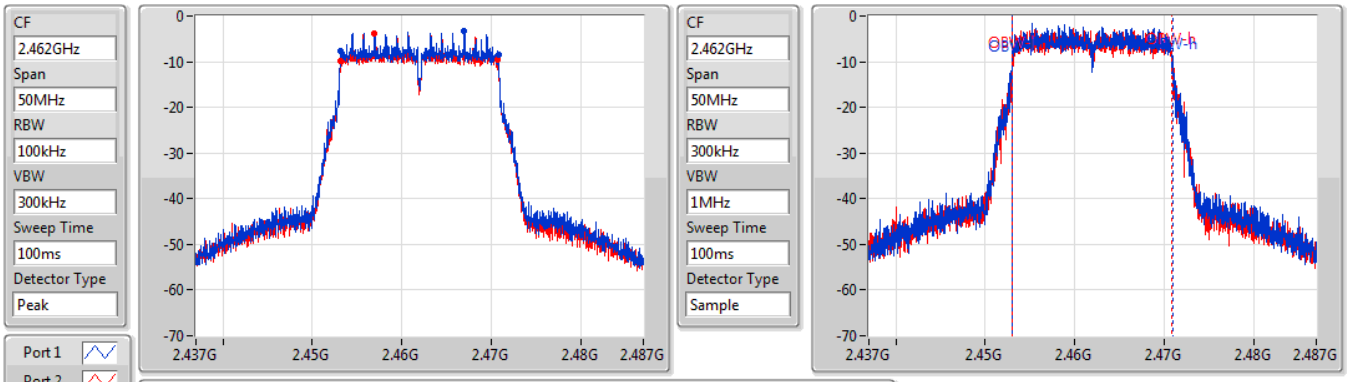


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.4282G	2.445775G	19.89M	2.427155G	2.447045G	500k	1
17M	2.4285G	2.4455G	18.516M	2.427755G	2.44627G	500k	2

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
17.575M	2.4532G	2.470775G	17.966M	2.453004G	2.470971G	500k	1
17.55M	2.4532G	2.47075G	17.866M	2.453029G	2.470896G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	22.43	0.17498
802.11g_Nss1,(6Mbps)_2TX	20.56	0.11376
802.11n HT20_Nss1,(MCS0)_2TX	22.15	0.16406

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.66	16.05	15.40	18.75	30.00
2417MHz	Pass	2.66	17.13	16.84	20.00	30.00
2437MHz	Pass	2.66	19.99	18.77	22.43	30.00
2457MHz	Pass	2.66	15.97	15.61	18.80	30.00
2462MHz	Pass	2.66	14.41	13.80	17.13	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.66	12.83	12.44	15.65	30.00
2417MHz	Pass	2.66	14.64	14.32	17.49	30.00
2437MHz	Pass	2.66	17.75	17.33	20.56	30.00
2457MHz	Pass	2.66	15.07	14.59	17.85	30.00
2462MHz	Pass	2.66	13.21	12.80	16.02	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.66	10.25	10.00	13.14	30.00
2417MHz	Pass	2.66	13.98	13.70	16.85	30.00
2437MHz	Pass	2.66	19.67	18.54	22.15	30.00
2457MHz	Pass	2.66	12.48	11.90	15.21	30.00
2462MHz	Pass	2.66	7.80	7.29	10.56	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	0.35
802.11g_Nss1,(6Mbps)_2TX	-4.58
802.11n HT20_Nss1,(MCS0)_2TX	-4.54

RBW = 3kHz;

Result

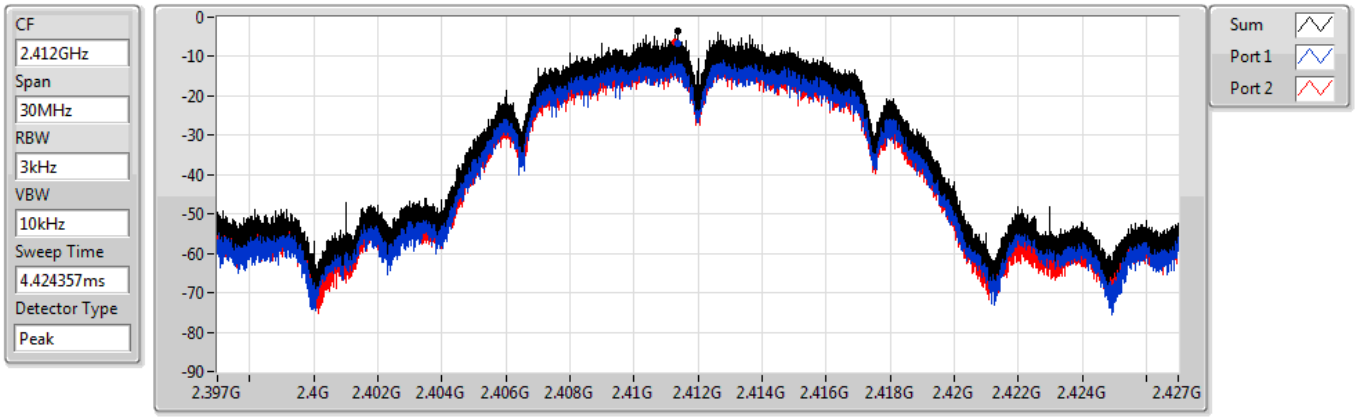
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.67	-6.82	-6.16	-3.68	8.00
2437MHz	Pass	5.67	-1.00	-3.76	0.35	8.00
2462MHz	Pass	5.67	-8.24	-7.70	-7.00	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.67	-12.86	-12.44	-9.64	8.00
2437MHz	Pass	5.67	-7.14	-7.88	-4.58	8.00
2462MHz	Pass	5.67	-12.38	-11.84	-10.15	8.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.67	-16.35	-16.42	-14.14	8.00
2437MHz	Pass	5.67	-5.64	-7.58	-4.54	8.00
2462MHz	Pass	5.67	-18.69	-19.06	-17.07	8.00

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

802.11b_Nss1,(1Mbps)_2TX PSD

2412MHz

29/12/2021

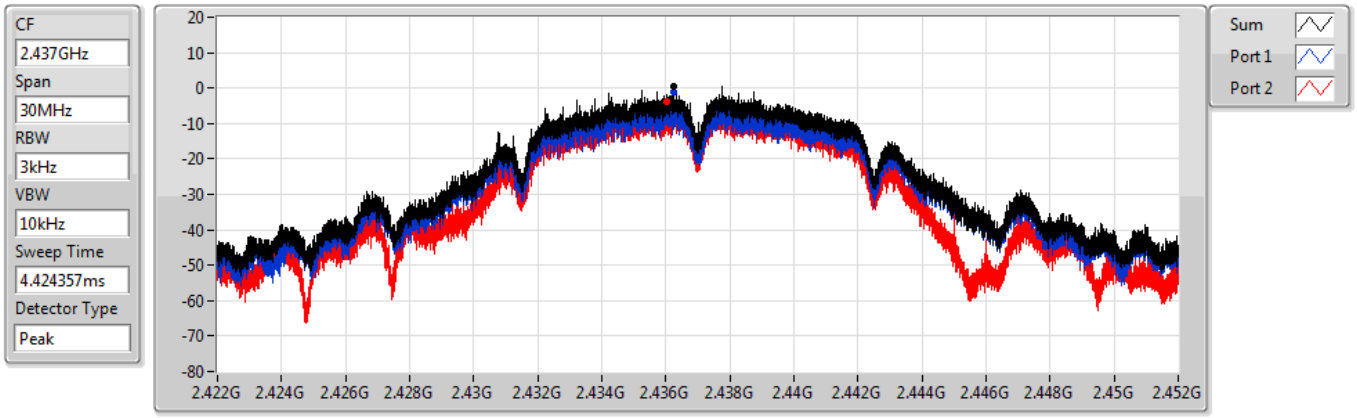


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.68	-3.68	-6.82	-6.16

802.11b_Nss1,(1Mbps)_2TX PSD

2437MHz

29/12/2021



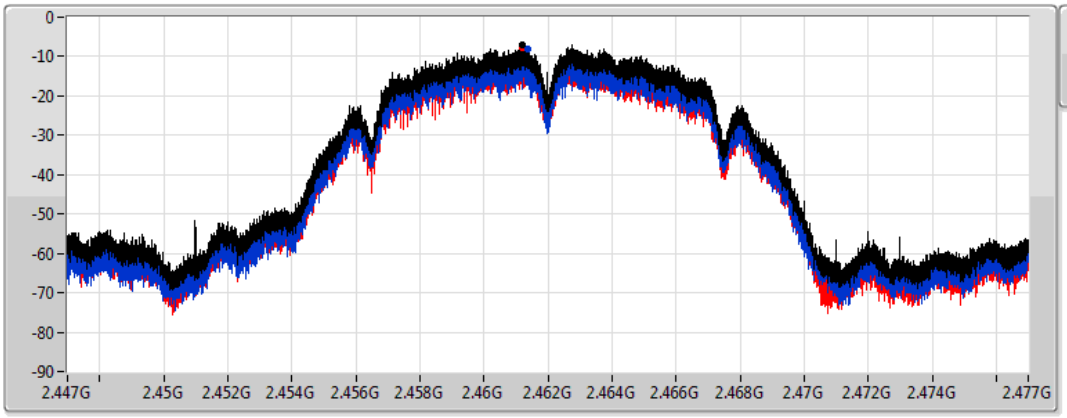
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.35	0.35	-1.00	-3.76

802.11b_Nss1,(1Mbps)_2TX PSD

2462MHz

29/12/2021

CF	2.462GHz
Span	30MHz
RBW	3kHz
VBW	10kHz
Sweep Time	4.424357ms
Detector Type	Peak



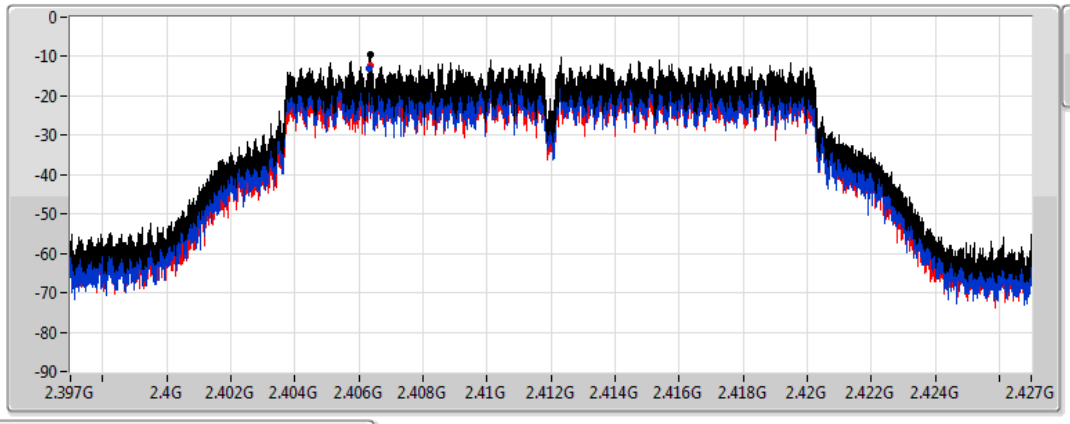
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.00	-7.00	-8.24	-7.70

802.11g_Nss1,(6Mbps)_2TX PSD

2412MHz

29/12/2021

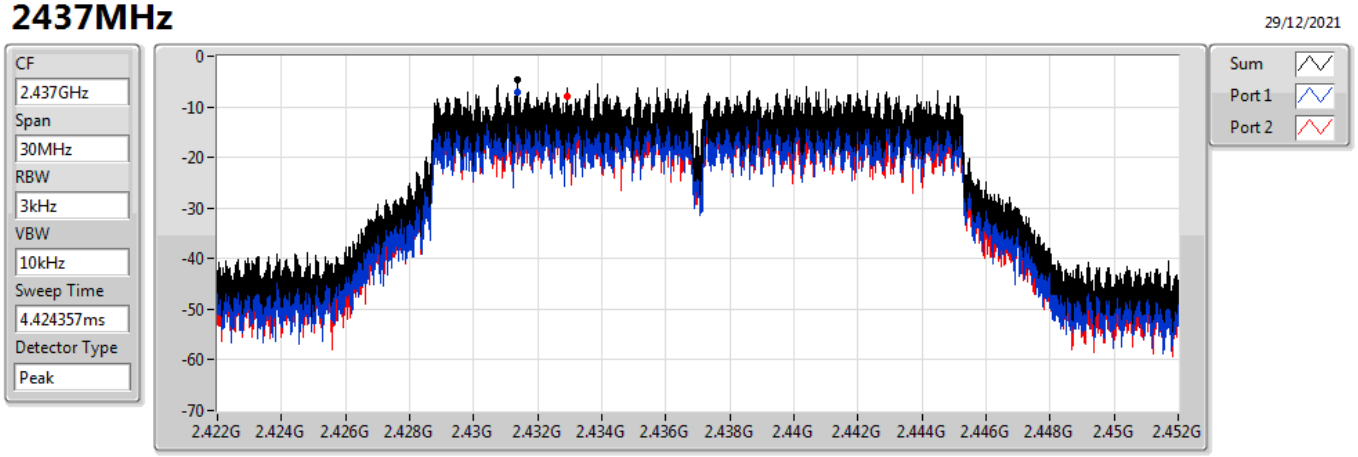
CF	2.412GHz
Span	30MHz
RBW	3kHz
VBW	10kHz
Sweep Time	4.424357ms
Detector Type	Peak



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.64	-9.64	-12.86	-12.44

802.11g_Nss1,(6Mbps)_2TX PSD

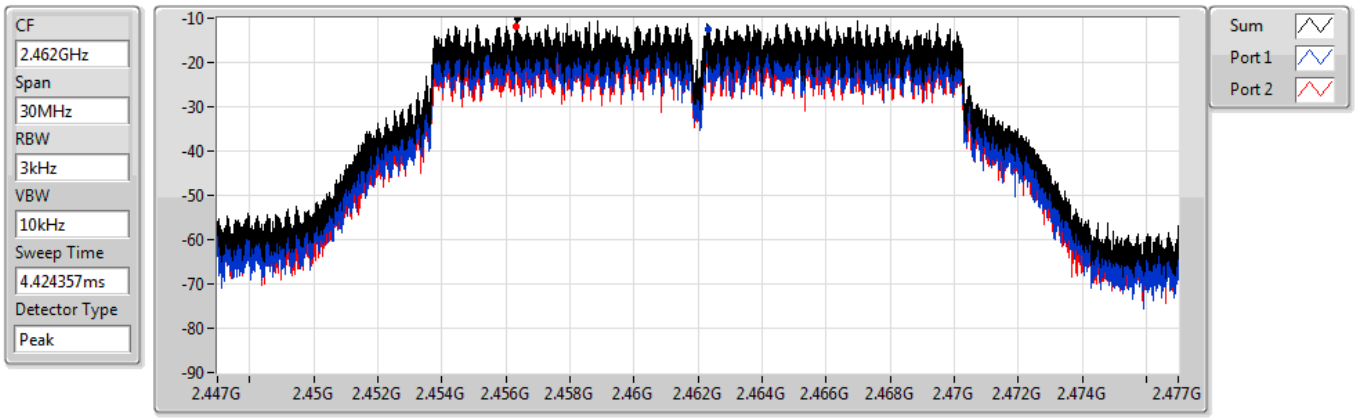
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.58	-4.58	-7.14	-7.88

802.11g_Nss1,(6Mbps)_2TX PSD

2462MHz



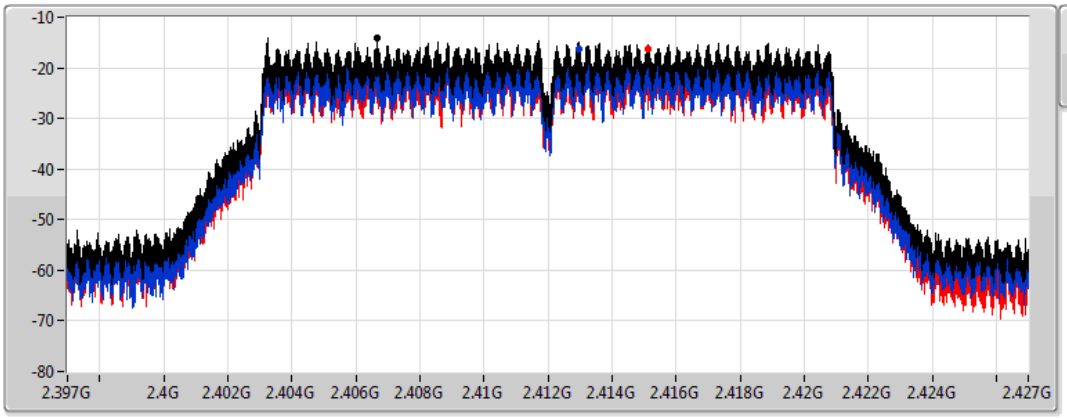
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.15	-10.15	-12.38	-11.84

802.11n HT20_Nss1,(MCS0)_2TX PSD

2412MHz

29/12/2021

CF	2.412GHz
Span	30MHz
RBW	3kHz
VBW	10kHz
Sweep Time	4.424357ms
Detector Type	Peak



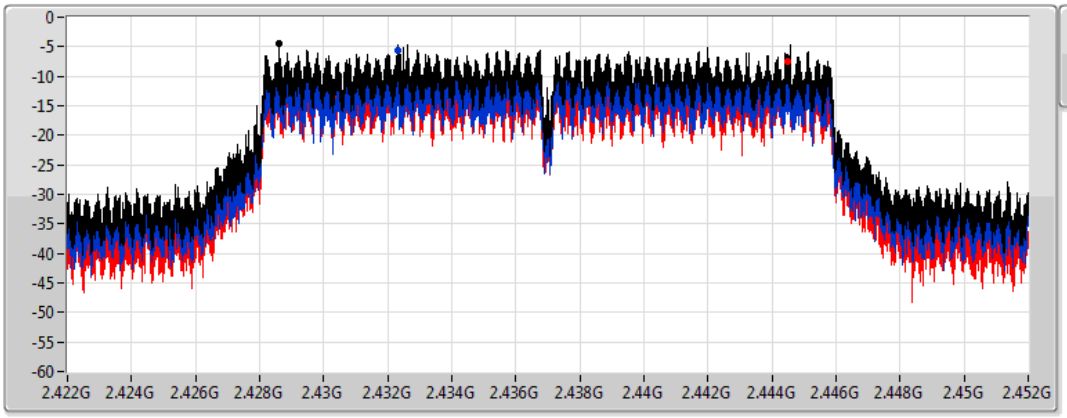
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-14.14	-14.14	-16.35	-16.42

802.11n HT20_Nss1,(MCS0)_2TX PSD

2437MHz

29/12/2021

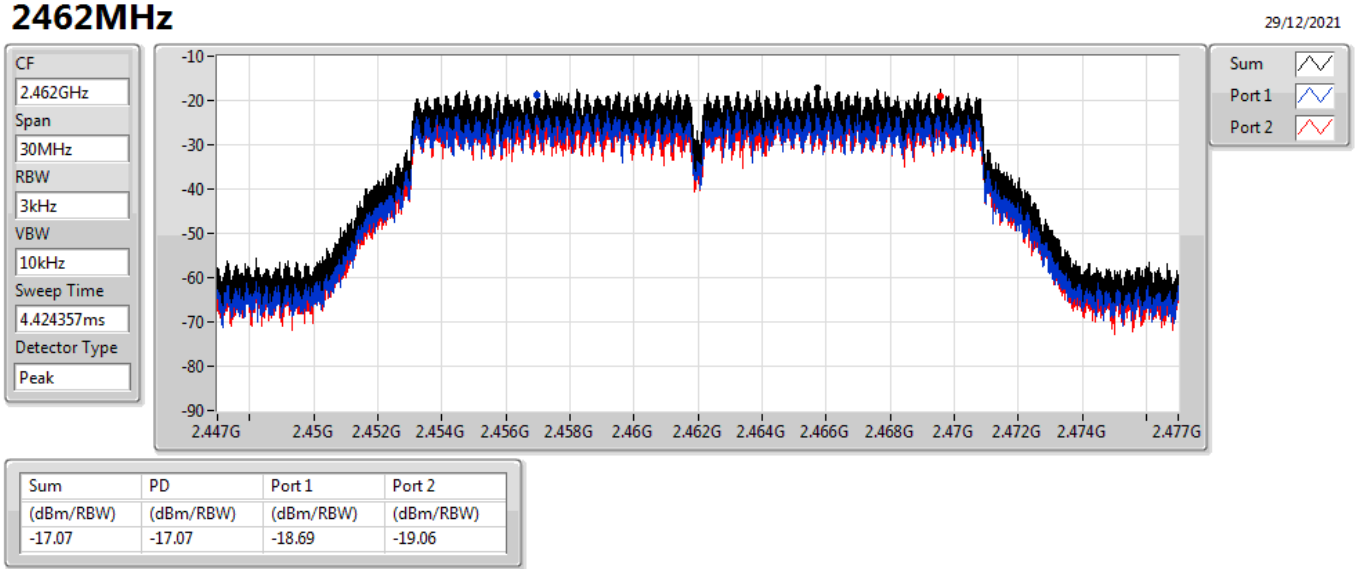
CF	2.437GHz
Span	30MHz
RBW	3kHz
VBW	10kHz
Sweep Time	4.424357ms
Detector Type	Peak



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.54	-4.54	-5.64	-7.58

802.11n HT20_Nss1,(MCS0)_2TX PSD

2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-17.07	-17.07	-18.69	-19.06

Summary

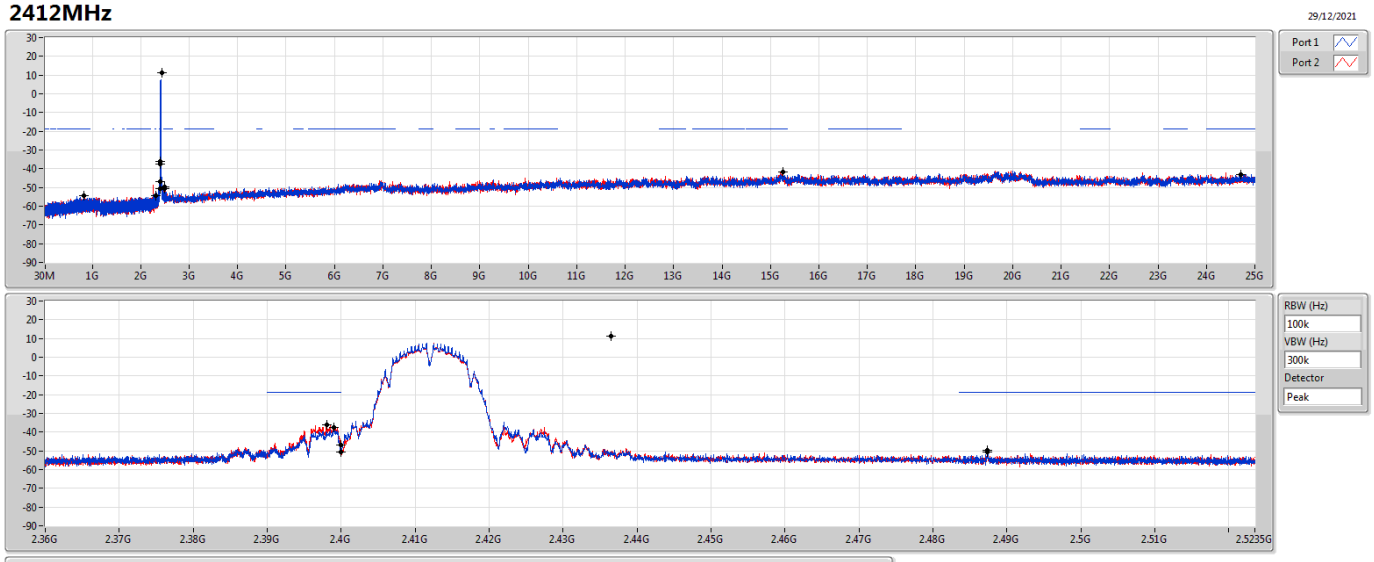
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43649G	11.45	-18.55	823.07M	-54.60	2.398G	-35.98	2.4G	-46.78	2.48738G	-50.69	15.25082G	-41.79	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43198G	6.43	-23.57	918.31M	-53.74	2.39952G	-38.40	2.4G	-38.61	2.4849G	-51.64	15.27329G	-42.08	1
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.44196G	9.42	-20.58	1.98429G	-55.09	2.39926G	-37.17	2.4G	-41.30	2.50388G	-52.34	15.26768G	-42.57	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)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43649G	11.45	-18.55	2.30583G	-54.16	2.39904G	-37.56	2.4G	-50.71	2.48738G	-49.87	24.71904G	-42.91	1
2412MHz	Pass	2.43649G	11.45	-18.55	823.07M	-54.60	2.398G	-35.98	2.4G	-46.78	2.48738G	-50.69	15.25082G	-41.79	2
2437MHz	Pass	2.43649G	11.45	-18.55	2.30262G	-54.75	2.4G	-47.19	2.4G	-47.38	2.48562G	-49.84	23.33393G	-42.00	1
2437MHz	Pass	2.43649G	11.45	-18.55	2.14593G	-54.47	2.3999G	-50.65	2.4G	-51.82	2.511G	-52.19	24.96909G	-42.30	2
2462MHz	Pass	2.43649G	11.45	-18.55	1.92837G	-54.16	2.39802G	-52.18	2.4835G	-50.65	2.48462G	-51.34	15.20867G	-41.35	1
2462MHz	Pass	2.43649G	11.45	-18.55	2.12351G	-54.68	2.3965G	-52.88	2.4835G	-51.99	2.48548G	-50.35	15.20306G	-41.99	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43198G	6.43	-23.57	918.31M	-53.74	2.39952G	-38.40	2.4G	-38.61	2.4849G	-51.64	15.27329G	-42.08	1
2412MHz	Pass	2.43198G	6.43	-23.57	2.30146G	-54.93	2.39826G	-38.51	2.4G	-40.93	2.48736G	-51.00	15.20306G	-41.87	2
2437MHz	Pass	2.43198G	6.43	-23.57	1.91701G	-54.70	2.39928G	-43.20	2.4G	-45.81	2.4864G	-47.60	24.55609G	-42.12	1
2437MHz	Pass	2.43198G	6.43	-23.57	876.96M	-55.31	2.39634G	-44.63	2.4G	-45.65	2.48384G	-49.27	24.99438G	-42.72	2
2462MHz	Pass	2.43198G	6.43	-23.57	744.44M	-54.94	2.39554G	-51.15	2.4835G	-52.93	2.50816G	-49.67	24.92133G	-42.11	1
2462MHz	Pass	2.43198G	6.43	-23.57	2.17389G	-54.73	2.39646G	-51.99	2.4835G	-51.40	2.48456G	-49.79	15.21429G	-41.03	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44196G	9.42	-20.58	1.63974G	-54.59	2.39764G	-37.28	2.4G	-40.47	2.49088G	-52.15	15.21148G	-42.05	1
2412MHz	Pass	2.44196G	9.42	-20.58	1.98429G	-55.09	2.39926G	-37.17	2.4G	-41.30	2.50388G	-52.34	15.26768G	-42.57	2
2437MHz	Pass	2.44196G	9.42	-20.58	2.30262G	-54.56	2.39946G	-40.92	2.4G	-44.10	2.48608G	-46.21	15.22553G	-42.00	1
2437MHz	Pass	2.44196G	9.42	-20.58	1.79818G	-54.74	2.39886G	-41.42	2.4G	-44.90	2.48472G	-48.01	17.01803G	-41.88	2
2462MHz	Pass	2.44196G	9.42	-20.58	2.09555G	-54.66	2.39762G	-52.91	2.4835G	-49.88	2.48362G	-47.93	15.21148G	-42.11	1
2462MHz	Pass	2.44196G	9.42	-20.58	2.13399G	-54.47	2.39106G	-53.41	2.4835G	-48.70	2.48384G	-48.43	15.23677G	-40.56	2

802.11b_Nss1,(1Mbps)_2TX **CSENdB**

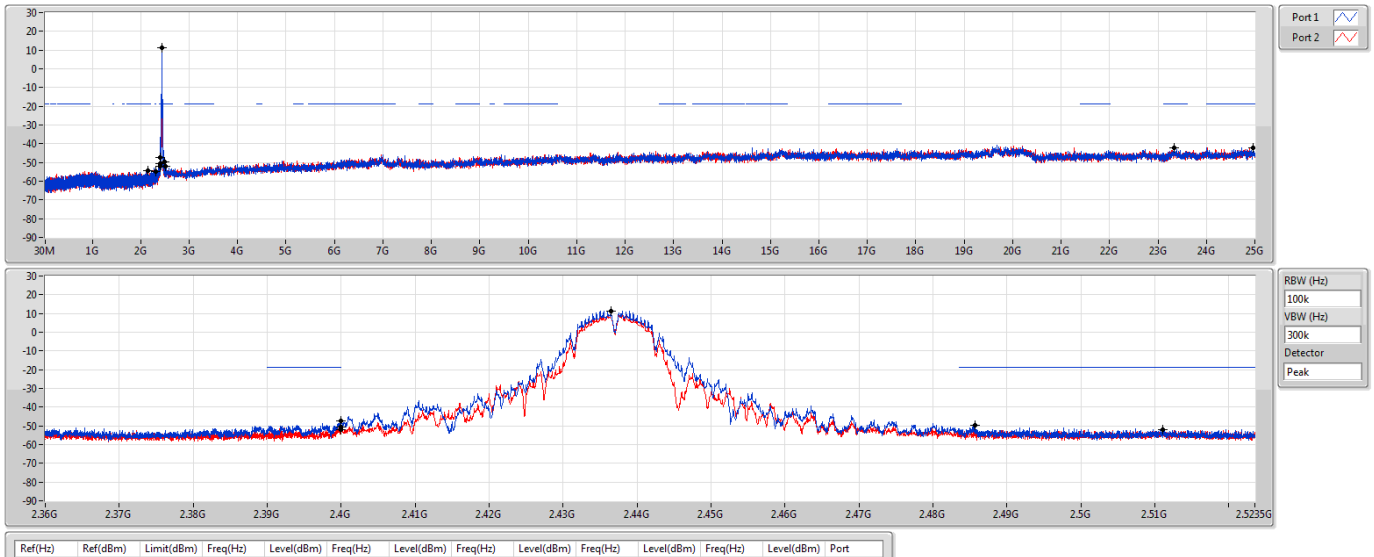
2412MHz



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
2.43649G	11.45	-18.55	2.30583G	-54.16	2.39904G	-37.56	2.4G	-50.71	2.48738G	-49.87	24.71904G	-42.91	1
2.43649G	11.45	-18.55	823.07M	-54.60	2.398G	-35.98	2.4G	-46.78	2.48738G	-50.69	15.25082G	-41.79	2

802.11b_Nss1,(1Mbps)_2TX **CSENdB**

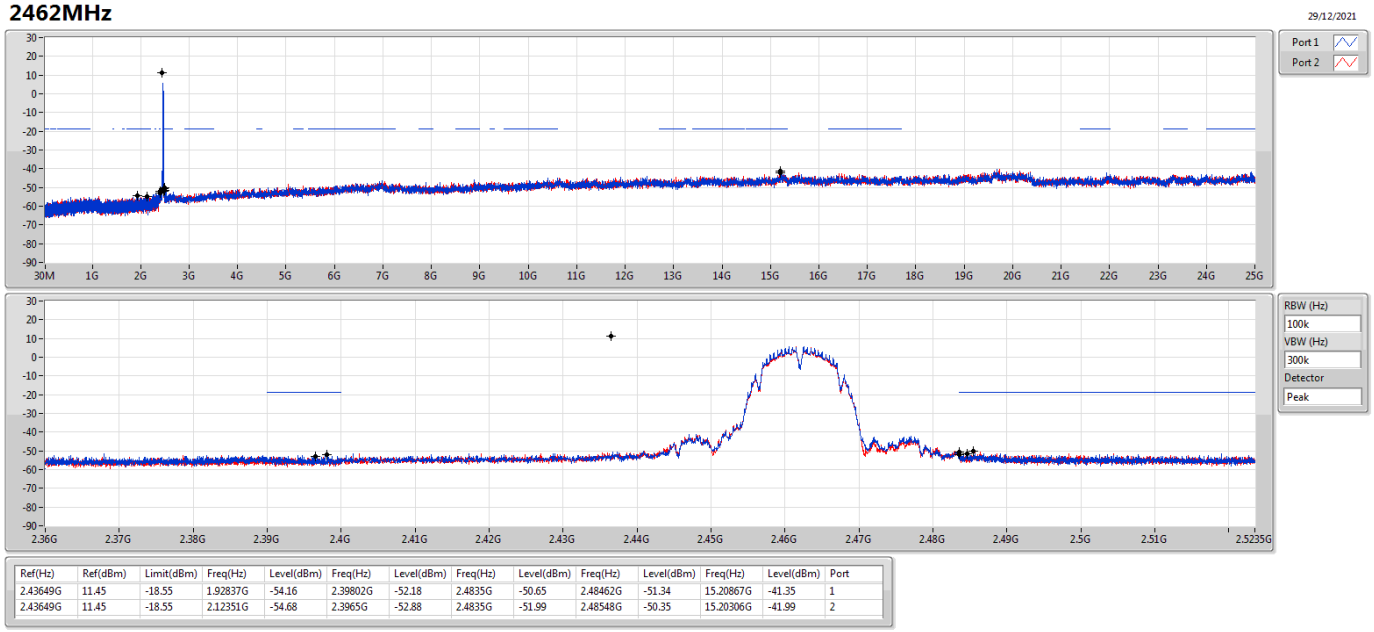
2437MHz



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
2.43649G	11.45	-18.55	2.30262G	-54.75	2.4G	-47.19	2.4G	-47.38	2.48562G	-49.84	23.33393G	-42.00	1
2.43649G	11.45	-18.55	2.14593G	-54.47	2.3999G	-50.65	2.4G	-51.82	2.511G	-52.19	24.96909G	-42.30	2

802.11b_Nss1,(1Mbps)_2TX **CSENdB**

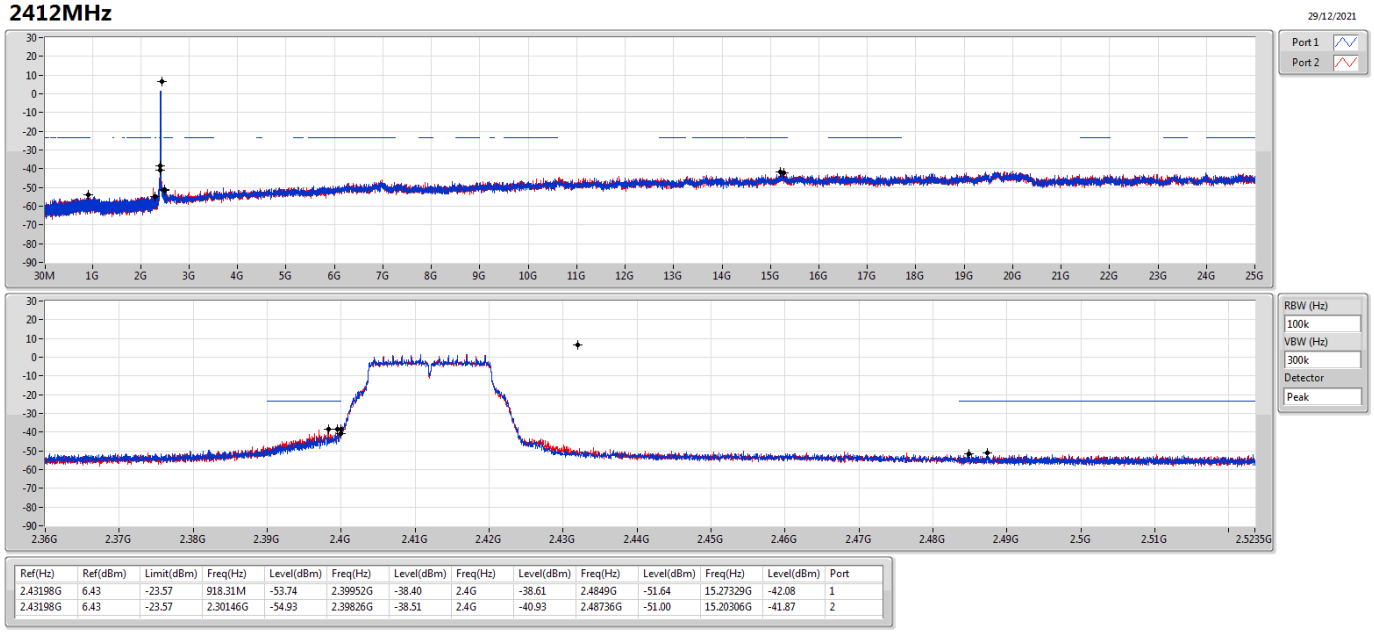
2462MHz



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
2.43649G	11.45	-18.55	1.92837G	-54.16	2.39802G	-52.18	2.4835G	-50.65	2.48462G	-51.34	15.20867G	-41.35	1
2.43649G	11.45	-18.55	2.12351G	-54.68	2.3965G	-52.88	2.4835G	-51.99	2.48548G	-50.35	15.20306G	-41.99	2

802.11g_Nss1,(6Mbps)_2TX **CSENdB**

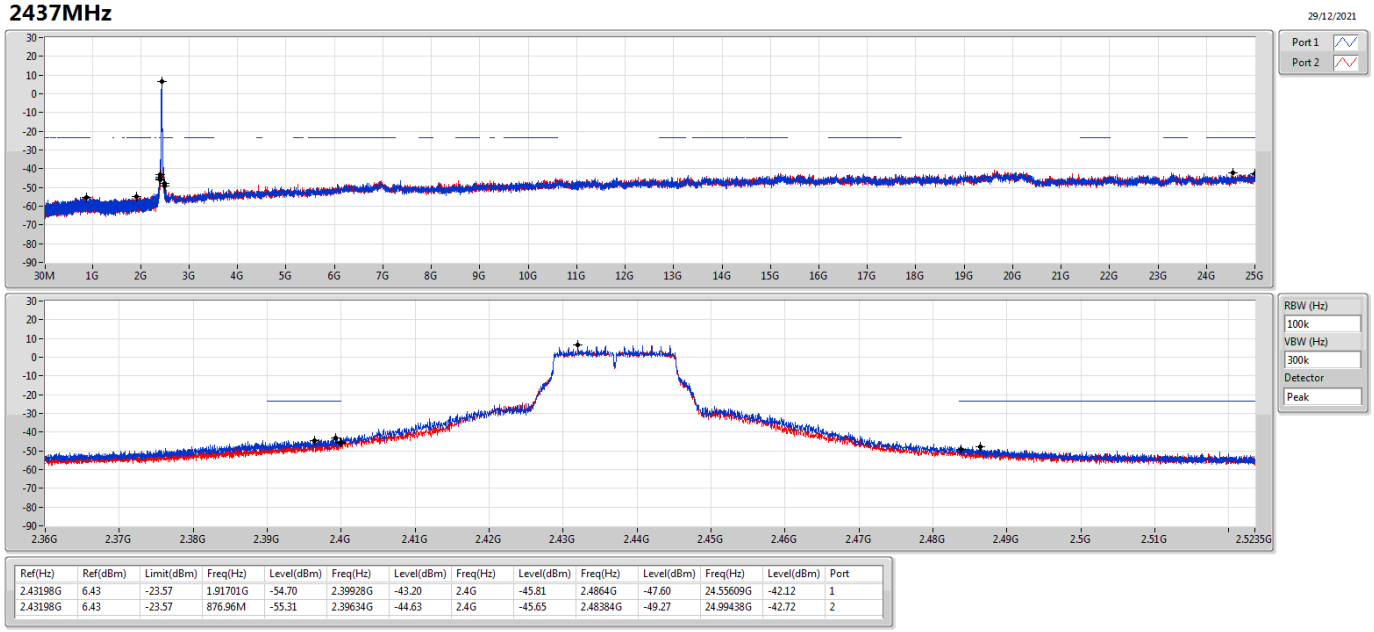
2412MHz



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
2.43198G	6.43	-23.57	918.31M	-53.74	2.39952G	-38.40	2.4G	-38.61	2.4849G	-51.64	15.27329G	-42.08	1
2.43198G	6.43	-23.57	2.30146G	-54.93	2.39826G	-38.51	2.4G	-40.93	2.48736G	-51.00	15.20306G	-41.87	2

802.11g_Nss1,(6Mbps)_2TX **CSENdB**

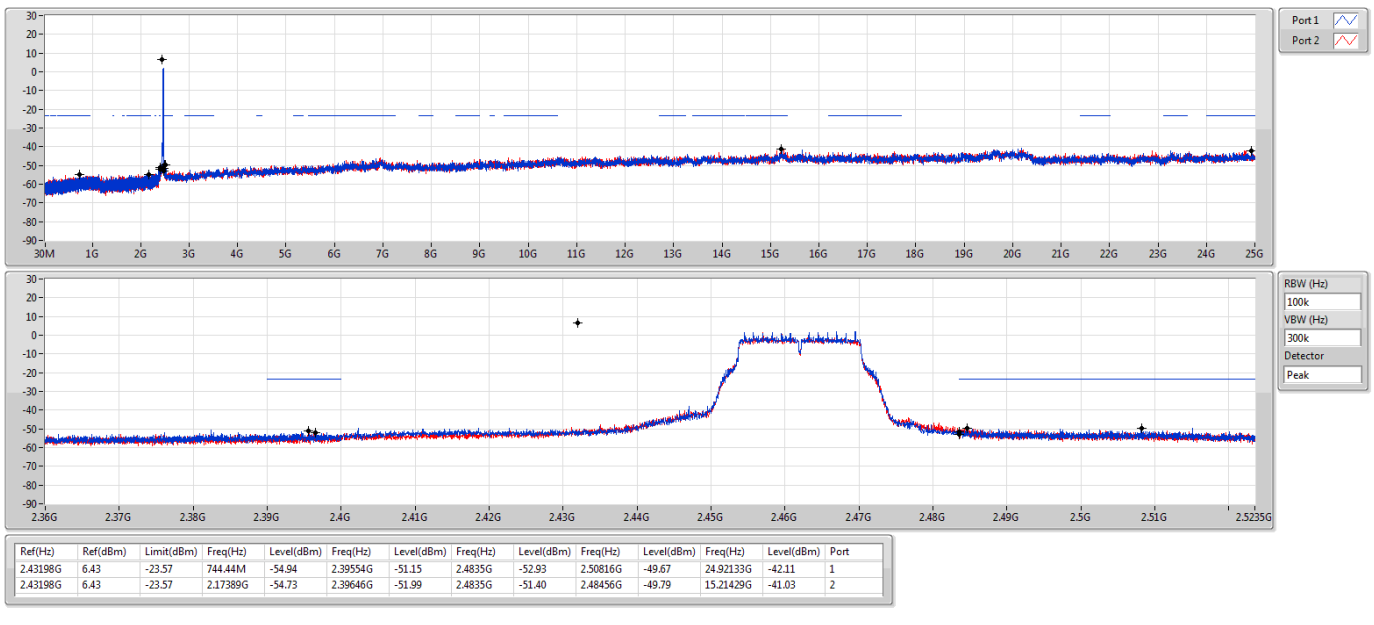
2437MHz



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
2.43198G	6.43	-23.57	1.91701G	-54.70	2.39928G	-43.20	2.4G	-45.81	2.4864G	-47.60	24.55609G	-42.12	1
2.43198G	6.43	-23.57	876.96M	-55.31	2.39634G	-44.63	2.4G	-45.65	2.48384G	-49.27	24.99438G	-42.72	2

802.11g_Nss1,(6Mbps)_2TX **CSENdB**

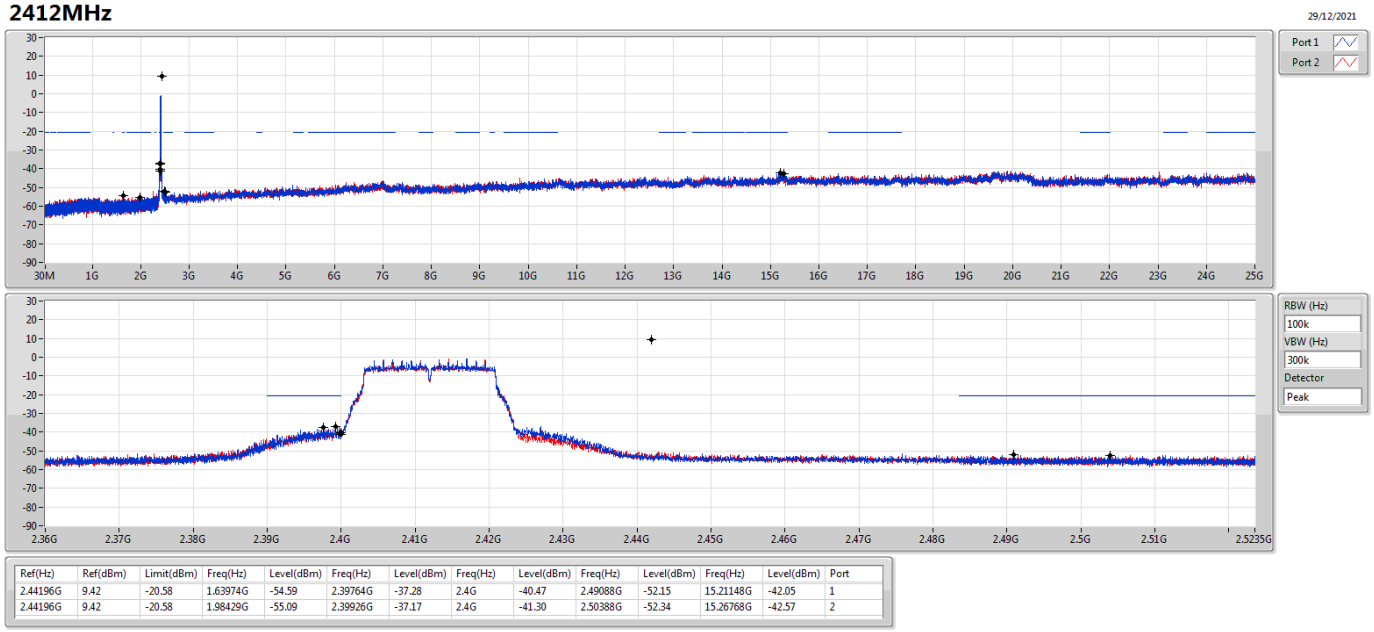
2462MHz



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
2.43198G	6.43	-23.57	744.44M	-54.94	2.39554G	-51.15	2.4835G	-52.93	2.50816G	-49.67	24.92133G	-42.11	1
2.43198G	6.43	-23.57	2.17389G	-54.73	2.39646G	-51.99	2.4835G	-51.40	2.48456G	-49.79	15.21429G	-41.03	2

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

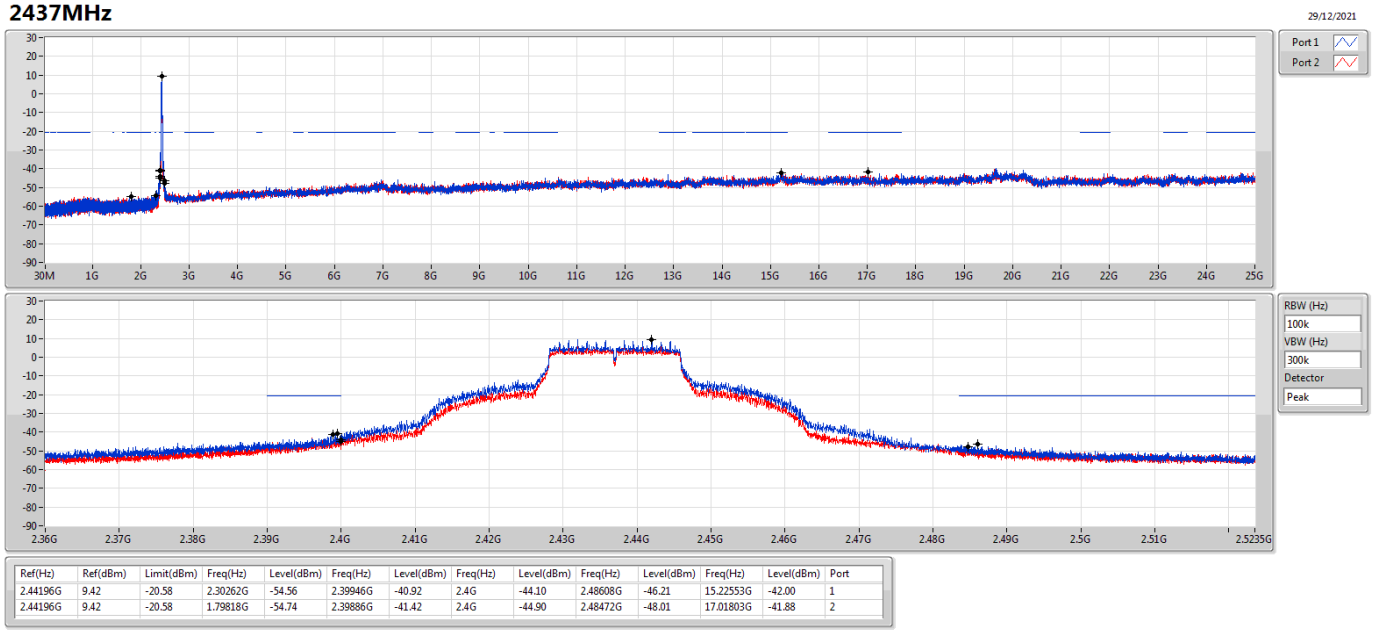
2412MHz



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
2.44196G	9.42	-20.58	1.63974G	-54.59	2.39764G	-37.28	2.4G	-40.47	2.49088G	-52.15	15.21148G	-42.05	1
2.44196G	9.42	-20.58	1.98429G	-55.09	2.39926G	-37.17	2.4G	-41.30	2.50388G	-52.34	15.26768G	-42.57	2

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

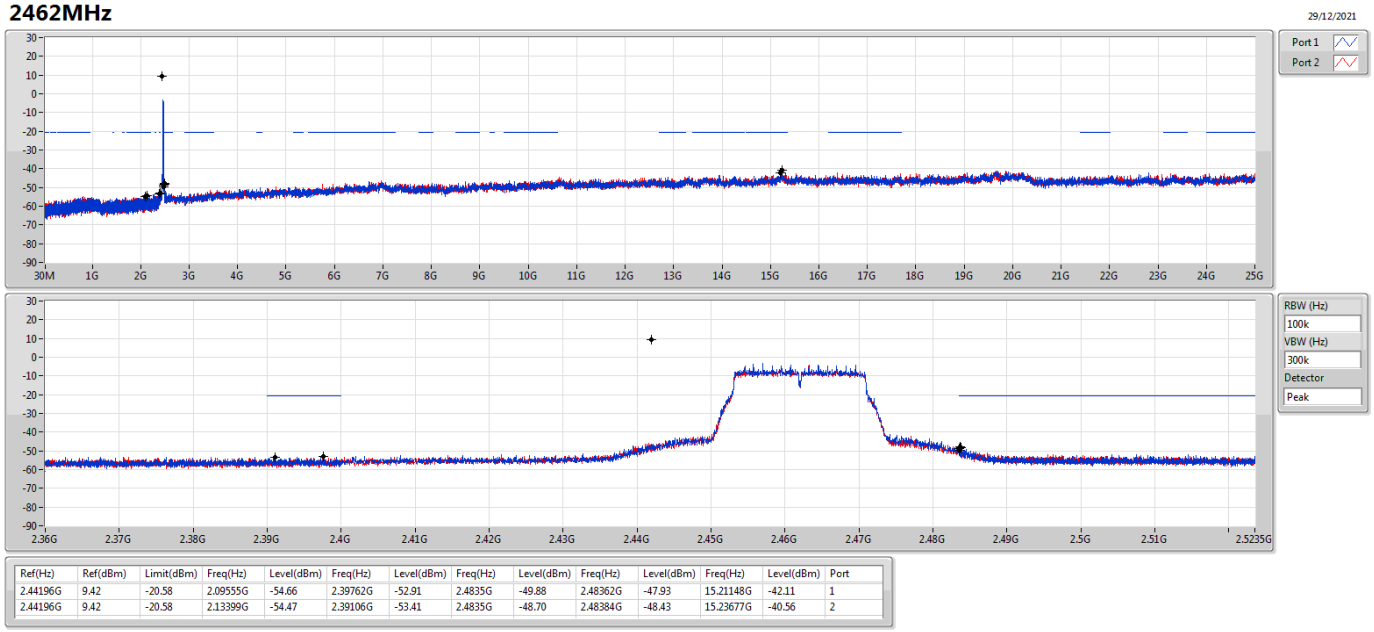
2437MHz



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
2.44196G	9.42	-20.58	2.30262G	-54.56	2.39946G	-40.92	2.4G	-44.10	2.48608G	-46.21	15.22553G	-42.00	1
2.44196G	9.42	-20.58	1.79818G	-54.74	2.39886G	-41.42	2.4G	-44.90	2.48472G	-48.01	17.01803G	-41.88	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
2.44196G	9.42	-20.58	2.09555G	-54.66	2.39762G	-52.91	2.4835G	-49.88	2.48362G	-47.93	15.21148G	-42.11	1
2.44196G	9.42	-20.58	2.13399G	-54.47	2.39106G	-53.41	2.4835G	-48.70	2.48384G	-48.43	15.23677G	-40.56	2

Summary

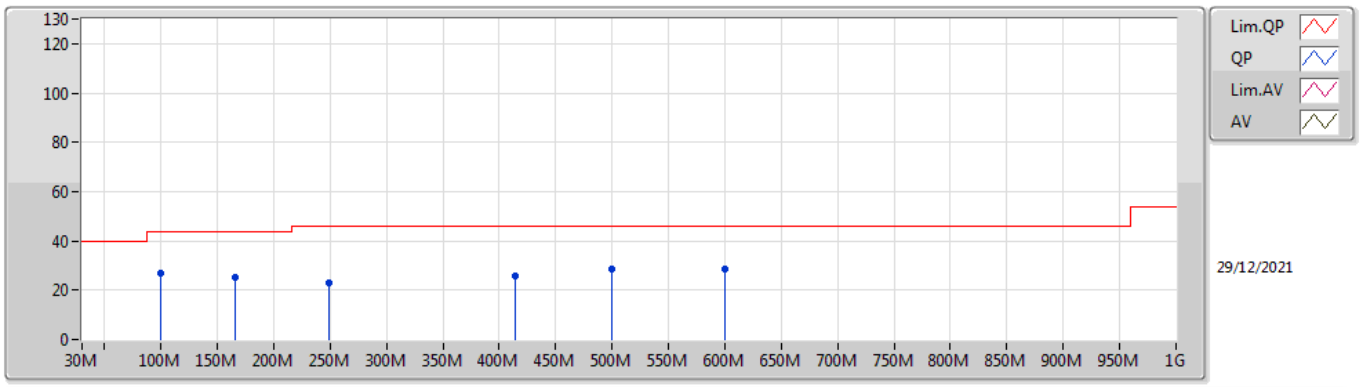
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	PK	499.48M	33.95	46.00	-12.05	3	Horizontal	360	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz_Transformer	Pass	PK	99.84M	26.81	43.50	-16.69	3	Vertical	0	1.00	-
2437MHz_Transformer	Pass	PK	165.8M	25.31	43.50	-18.19	3	Vertical	0	1.00	-
2437MHz_Transformer	Pass	PK	249.22M	22.88	46.00	-23.12	3	Vertical	0	1.00	-
2437MHz_Transformer	Pass	PK	414.12M	25.88	46.00	-20.12	3	Vertical	0	1.00	-
2437MHz_Transformer	Pass	PK	499.48M	28.79	46.00	-17.21	3	Vertical	0	1.00	-
2437MHz_Transformer	Pass	PK	600.36M	28.53	46.00	-17.47	3	Vertical	0	1.00	-
2437MHz_Transformer	Pass	PK	165.8M	24.61	43.50	-18.89	3	Horizontal	360	1.00	-
2437MHz_Transformer	Pass	PK	258.92M	22.44	46.00	-23.56	3	Horizontal	360	1.00	-
2437MHz_Transformer	Pass	PK	299.66M	23.26	46.00	-22.74	3	Horizontal	360	1.00	-
2437MHz_Transformer	Pass	PK	499.48M	33.95	46.00	-12.05	3	Horizontal	360	1.00	-
2437MHz_Transformer	Pass	PK	577.08M	33.84	46.00	-12.16	3	Horizontal	360	1.00	-
2437MHz_Transformer	Pass	PK	600.36M	32.49	46.00	-13.51	3	Horizontal	360	1.00	-

802.11n HT20_Nss1,(MCS0)_2TX

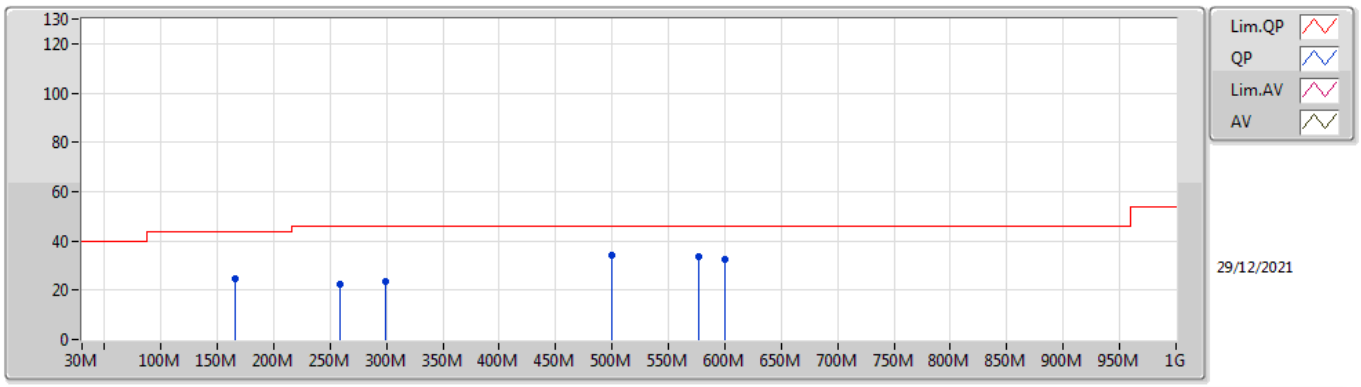
2437MHz_Transformer



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	99.84M	26.81	43.50	-16.69	-9.84	3	Vertical	0	1.00	-	36.65	15.85	1.70	27.39
PK	165.8M	25.31	43.50	-18.19	-10.14	3	Vertical	0	1.00	-	35.45	14.88	2.16	27.18
PK	249.22M	22.88	46.00	-23.12	-6.62	3	Vertical	0	1.00	-	29.50	17.44	2.67	26.73
PK	414.12M	25.88	46.00	-20.12	-2.24	3	Vertical	0	1.00	-	28.12	21.65	3.51	27.40
PK	499.48M	28.79	46.00	-17.21	-1.13	3	Vertical	0	1.00	-	29.92	22.68	3.87	27.68
PK	600.36M	28.53	46.00	-17.47	0.11	3	Vertical	0	1.00	-	28.42	23.76	4.39	28.04

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_Transformer



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	165.8M	24.61	43.50	-18.89	-10.14	3	Horizontal	360	1.00	-	34.75	14.88	2.16	27.18
PK	258.92M	22.44	46.00	-23.56	-5.45	3	Horizontal	360	1.00	-	27.89	18.57	2.71	26.73
PK	299.66M	23.26	46.00	-22.74	-5.58	3	Horizontal	360	1.00	-	28.84	18.29	2.92	26.79
PK	499.48M	33.95	46.00	-12.05	-1.13	3	Horizontal	360	1.00	-	35.08	22.68	3.87	27.68
PK	577.08M	33.84	46.00	-12.16	0.03	3	Horizontal	360	1.00	-	33.81	23.87	4.25	28.09
PK	600.36M	32.49	46.00	-13.51	0.11	3	Horizontal	360	1.00	-	32.38	23.76	4.39	28.04

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)_2TX	Pass	AV	2.4835G	50.88	54.00	-3.12	3	Horizontal	56	1.31	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.4835G	50.81	54.00	-3.19	3	Vertical	63	1.07	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	AV	2.39G	50.89	54.00	-3.11	3	Horizontal	52	1.39	-

Result

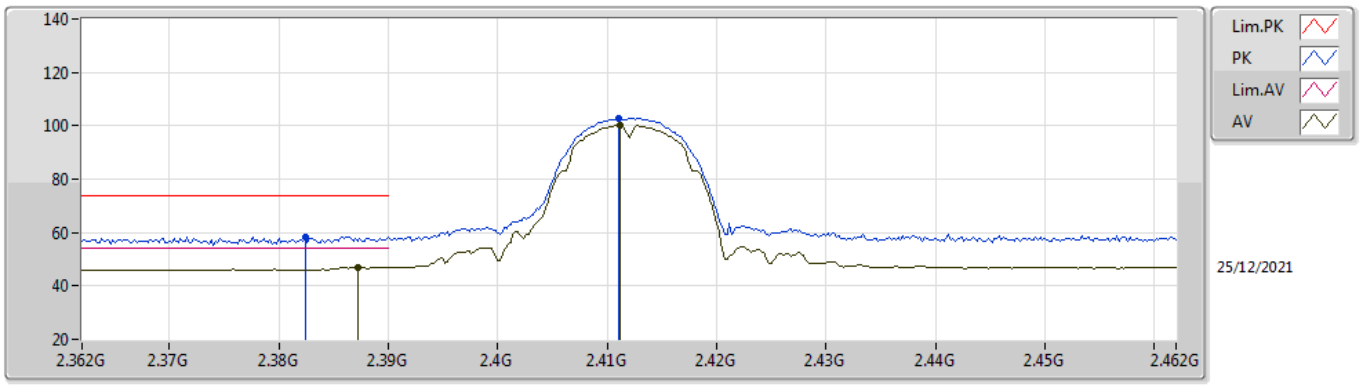
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3872G	47.11	54.00	-6.89	3	Vertical	360	1.25	-
2412MHz	Pass	AV	2.4112G	100.30	Inf	-Inf	3	Vertical	360	1.25	-
2412MHz	Pass	PK	2.3824G	58.47	74.00	-15.53	3	Vertical	360	1.25	-
2412MHz	Pass	PK	2.411G	102.91	Inf	-Inf	3	Vertical	360	1.25	-
2412MHz	Pass	AV	2.386G	50.86	54.00	-3.14	3	Horizontal	56	1.10	-
2412MHz	Pass	AV	2.4112G	107.46	Inf	-Inf	3	Horizontal	56	1.10	-
2412MHz	Pass	PK	2.3876G	61.02	74.00	-12.98	3	Horizontal	56	1.10	-
2412MHz	Pass	PK	2.411G	109.93	Inf	-Inf	3	Horizontal	56	1.10	-
2412MHz	Pass	AV	4.82406G	42.11	54.00	-11.89	3	Vertical	245	1.00	-
2412MHz	Pass	PK	4.82412G	47.59	74.00	-26.41	3	Vertical	245	1.00	-
2412MHz	Pass	AV	4.82406G	37.80	54.00	-16.20	3	Horizontal	124	1.03	-
2412MHz	Pass	PK	4.82388G	46.51	74.00	-27.49	3	Horizontal	124	1.03	-
2417MHz	Pass	AV	2.39G	48.03	54.00	-5.97	3	Vertical	245	1.25	-
2417MHz	Pass	AV	2.4162G	101.72	Inf	-Inf	3	Vertical	245	1.25	-
2417MHz	Pass	PK	2.39G	60.94	74.00	-13.06	3	Vertical	245	1.25	-
2417MHz	Pass	PK	2.418G	104.20	Inf	-Inf	3	Vertical	245	1.25	-
2417MHz	Pass	AV	2.39G	50.74	54.00	-3.26	3	Horizontal	51	1.09	-
2417MHz	Pass	AV	2.4162G	108.33	Inf	-Inf	3	Horizontal	51	1.09	-
2417MHz	Pass	PK	2.3852G	61.12	74.00	-12.88	3	Horizontal	51	1.09	-
2417MHz	Pass	PK	2.416G	110.80	Inf	-Inf	3	Horizontal	51	1.09	-
2437MHz	Pass	AV	2.3898G	46.15	54.00	-7.85	3	Vertical	0	1.19	-
2437MHz	Pass	AV	2.4362G	103.02	Inf	-Inf	3	Vertical	0	1.19	-
2437MHz	Pass	AV	2.4994G	47.17	54.00	-6.83	3	Vertical	0	1.19	-
2437MHz	Pass	PK	2.3538G	58.37	74.00	-15.63	3	Vertical	0	1.19	-
2437MHz	Pass	PK	2.4362G	105.39	Inf	-Inf	3	Vertical	0	1.19	-
2437MHz	Pass	PK	2.4894G	59.52	74.00	-14.48	3	Vertical	0	1.19	-
2437MHz	Pass	AV	2.3898G	46.66	54.00	-7.34	3	Horizontal	52	1.05	-
2437MHz	Pass	AV	2.4362G	109.77	Inf	-Inf	3	Horizontal	52	1.05	-
2437MHz	Pass	AV	2.4835G	47.61	54.00	-6.39	3	Horizontal	52	1.05	-
2437MHz	Pass	PK	2.3802G	59.37	74.00	-14.63	3	Horizontal	52	1.05	-
2437MHz	Pass	PK	2.4378G	112.28	Inf	-Inf	3	Horizontal	52	1.05	-
2437MHz	Pass	PK	2.4858G	60.04	74.00	-13.96	3	Horizontal	52	1.05	-
2437MHz	Pass	AV	4.87408G	40.88	54.00	-13.12	3	Vertical	232	1.00	-
2437MHz	Pass	PK	4.87404G	47.99	74.00	-26.01	3	Vertical	232	1.00	-
2437MHz	Pass	AV	4.87408G	38.91	54.00	-15.09	3	Horizontal	145	1.00	-
2437MHz	Pass	PK	4.874G	46.58	74.00	-27.42	3	Horizontal	145	1.00	-
2457MHz	Pass	AV	2.4578G	100.62	Inf	-Inf	3	Vertical	329	2.00	-
2457MHz	Pass	AV	2.4835G	47.61	54.00	-6.39	3	Vertical	329	2.00	-
2457MHz	Pass	PK	2.4578G	103.08	Inf	-Inf	3	Vertical	329	2.00	-
2457MHz	Pass	PK	2.4888G	59.32	74.00	-14.68	3	Vertical	329	2.00	-
2457MHz	Pass	AV	2.4562G	107.61	Inf	-Inf	3	Horizontal	56	1.31	-
2457MHz	Pass	AV	2.4835G	50.88	54.00	-3.12	3	Horizontal	56	1.31	-
2457MHz	Pass	PK	2.4562G	110.05	Inf	-Inf	3	Horizontal	56	1.31	-
2457MHz	Pass	PK	2.4872G	62.38	74.00	-11.62	3	Horizontal	56	1.31	-
2462MHz	Pass	AV	2.4628G	101.33	Inf	-Inf	3	Vertical	32	1.08	-
2462MHz	Pass	AV	2.4835G	47.85	54.00	-6.15	3	Vertical	32	1.08	-
2462MHz	Pass	PK	2.4628G	103.79	Inf	-Inf	3	Vertical	32	1.08	-
2462MHz	Pass	PK	2.4904G	60.07	74.00	-13.93	3	Vertical	32	1.08	-
2462MHz	Pass	AV	2.4628G	105.36	Inf	-Inf	3	Horizontal	305	1.33	-
2462MHz	Pass	AV	2.4835G	50.88	54.00	-3.12	3	Horizontal	305	1.33	-
2462MHz	Pass	PK	2.463G	107.77	Inf	-Inf	3	Horizontal	305	1.33	-
2462MHz	Pass	PK	2.4846G	60.28	74.00	-13.72	3	Horizontal	305	1.33	-
2462MHz	Pass	AV	4.92408G	44.65	54.00	-9.35	3	Vertical	230	1.01	-
2462MHz	Pass	PK	4.92416G	49.98	74.00	-24.02	3	Vertical	230	1.01	-
2462MHz	Pass	AV	4.924G	40.18	54.00	-13.82	3	Horizontal	127	1.00	-
2462MHz	Pass	PK	4.9242G	47.84	74.00	-26.16	3	Horizontal	127	1.00	-
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3898G	47.14	54.00	-6.86	3	Vertical	357	1.47	-
2412MHz	Pass	AV	2.416G	93.20	Inf	-Inf	3	Vertical	357	1.47	-
2412MHz	Pass	PK	2.3866G	58.69	74.00	-15.31	3	Vertical	357	1.47	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	PK	2.416G	101.16	Inf	-Inf	3	Vertical	357	1.47	-
2412MHz	Pass	AV	2.3896G	50.74	54.00	-3.26	3	Horizontal	22	1.38	-
2412MHz	Pass	AV	2.4088G	99.58	Inf	-Inf	3	Horizontal	22	1.38	-
2412MHz	Pass	PK	2.3894G	63.80	74.00	-10.20	3	Horizontal	22	1.38	-
2412MHz	Pass	PK	2.4138G	107.98	Inf	-Inf	3	Horizontal	22	1.38	-
2412MHz	Pass	AV	4.82552G	33.71	54.00	-20.29	3	Vertical	243	1.01	-
2412MHz	Pass	PK	4.82924G	45.12	74.00	-28.88	3	Vertical	243	1.01	-
2412MHz	Pass	AV	4.82568G	32.27	54.00	-21.73	3	Horizontal	255	1.50	-
2412MHz	Pass	PK	4.81724G	44.48	74.00	-29.52	3	Horizontal	255	1.50	-
2417MHz	Pass	AV	2.39G	50.26	54.00	-3.74	3	Vertical	61	1.00	-
2417MHz	Pass	AV	2.4136G	98.04	Inf	-Inf	3	Vertical	61	1.00	-
2417MHz	Pass	PK	2.3898G	63.56	74.00	-10.44	3	Vertical	61	1.00	-
2417MHz	Pass	PK	2.419G	106.78	Inf	-Inf	3	Vertical	61	1.00	-
2417MHz	Pass	AV	2.3886G	50.41	54.00	-3.59	3	Horizontal	50	1.11	-
2417MHz	Pass	AV	2.4178G	102.04	Inf	-Inf	3	Horizontal	50	1.11	-
2417MHz	Pass	PK	2.3884G	62.30	74.00	-11.70	3	Horizontal	50	1.11	-
2417MHz	Pass	PK	2.4126G	110.95	Inf	-Inf	3	Horizontal	50	1.11	-
2437MHz	Pass	AV	2.3898G	48.03	54.00	-5.97	3	Vertical	0	1.68	-
2437MHz	Pass	AV	2.4406G	99.10	Inf	-Inf	3	Vertical	0	1.68	-
2437MHz	Pass	AV	2.4835G	49.40	54.00	-4.60	3	Vertical	0	1.68	-
2437MHz	Pass	PK	2.3862G	58.87	74.00	-15.13	3	Vertical	0	1.68	-
2437MHz	Pass	PK	2.4406G	107.26	Inf	-Inf	3	Vertical	0	1.68	-
2437MHz	Pass	PK	2.4838G	61.04	74.00	-12.96	3	Vertical	0	1.68	-
2437MHz	Pass	AV	2.3898G	50.42	54.00	-3.58	3	Horizontal	25	1.33	-
2437MHz	Pass	AV	2.4338G	104.85	Inf	-Inf	3	Horizontal	25	1.33	-
2437MHz	Pass	AV	2.4835G	50.35	54.00	-3.65	3	Horizontal	25	1.33	-
2437MHz	Pass	PK	2.389G	62.26	74.00	-11.74	3	Horizontal	25	1.33	-
2437MHz	Pass	PK	2.433G	113.08	Inf	-Inf	3	Horizontal	25	1.33	-
2437MHz	Pass	PK	2.4838G	62.75	74.00	-11.25	3	Horizontal	25	1.33	-
2437MHz	Pass	AV	4.87596G	35.40	54.00	-18.60	3	Vertical	252	1.04	-
2437MHz	Pass	PK	4.88124G	47.57	74.00	-26.43	3	Vertical	252	1.04	-
2437MHz	Pass	AV	4.87172G	33.27	54.00	-20.73	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	4.87656G	46.55	74.00	-27.45	3	Horizontal	360	1.00	-
2457MHz	Pass	AV	2.4536G	99.10	Inf	-Inf	3	Vertical	63	1.18	-
2457MHz	Pass	AV	2.4835G	50.53	54.00	-3.47	3	Vertical	63	1.18	-
2457MHz	Pass	PK	2.4588G	107.38	Inf	-Inf	3	Vertical	63	1.18	-
2457MHz	Pass	PK	2.4848G	64.41	74.00	-9.59	3	Vertical	63	1.18	-
2457MHz	Pass	AV	2.4528G	102.97	Inf	-Inf	3	Horizontal	322	1.07	-
2457MHz	Pass	AV	2.4864G	50.38	54.00	-3.62	3	Horizontal	322	1.07	-
2457MHz	Pass	PK	2.4528G	111.77	Inf	-Inf	3	Horizontal	322	1.07	-
2457MHz	Pass	PK	2.4836G	63.18	74.00	-10.82	3	Horizontal	322	1.07	-
2462MHz	Pass	AV	2.4636G	97.63	Inf	-Inf	3	Vertical	63	1.07	-
2462MHz	Pass	AV	2.4835G	50.81	54.00	-3.19	3	Vertical	63	1.07	-
2462MHz	Pass	PK	2.4638G	106.45	Inf	-Inf	3	Vertical	63	1.07	-
2462MHz	Pass	PK	2.4838G	63.67	74.00	-10.33	3	Vertical	63	1.07	-
2462MHz	Pass	AV	2.458G	101.13	Inf	-Inf	3	Horizontal	322	1.04	-
2462MHz	Pass	AV	2.4835G	50.81	54.00	-3.19	3	Horizontal	322	1.04	-
2462MHz	Pass	PK	2.4578G	109.92	Inf	-Inf	3	Horizontal	322	1.04	-
2462MHz	Pass	PK	2.4835G	63.10	74.00	-10.90	3	Horizontal	322	1.04	-
2462MHz	Pass	AV	4.92576G	36.19	54.00	-17.81	3	Vertical	248	1.00	-
2462MHz	Pass	PK	4.92632G	48.20	74.00	-25.80	3	Vertical	248	1.00	-
2462MHz	Pass	AV	4.92076G	34.17	54.00	-19.83	3	Horizontal	126	1.09	-
2462MHz	Pass	PK	4.92984G	45.93	74.00	-28.07	3	Horizontal	126	1.09	-
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3898G	49.03	54.00	-4.97	3	Vertical	303	1.09	-
2412MHz	Pass	AV	2.415G	91.44	Inf	-Inf	3	Vertical	303	1.09	-
2412MHz	Pass	PK	2.3898G	62.93	74.00	-11.07	3	Vertical	303	1.09	-
2412MHz	Pass	PK	2.4072G	100.84	Inf	-Inf	3	Vertical	303	1.09	-
2412MHz	Pass	AV	2.39G	50.89	54.00	-3.11	3	Horizontal	52	1.39	-
2412MHz	Pass	AV	2.415G	96.02	Inf	-Inf	3	Horizontal	52	1.39	-
2412MHz	Pass	PK	2.39G	65.16	74.00	-8.84	3	Horizontal	52	1.39	-
2412MHz	Pass	PK	2.415G	104.80	Inf	-Inf	3	Horizontal	52	1.39	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	AV	4.82488G	32.86	54.00	-21.14	3	Vertical	241	1.22	-
2412MHz	Pass	PK	4.82872G	45.23	74.00	-28.77	3	Vertical	241	1.22	-
2412MHz	Pass	AV	4.826G	32.27	54.00	-21.73	3	Horizontal	346	1.26	-
2412MHz	Pass	PK	4.83284G	44.09	74.00	-29.91	3	Horizontal	346	1.26	-
2417MHz	Pass	AV	2.39G	47.82	54.00	-6.18	3	Vertical	295	1.37	-
2417MHz	Pass	AV	2.413G	95.37	Inf	-Inf	3	Vertical	295	1.37	-
2417MHz	Pass	PK	2.3832G	59.09	74.00	-14.91	3	Vertical	295	1.37	-
2417MHz	Pass	PK	2.4158G	104.95	Inf	-Inf	3	Vertical	295	1.37	-
2417MHz	Pass	AV	2.3898G	50.62	54.00	-3.38	3	Horizontal	55	1.33	-
2417MHz	Pass	AV	2.4226G	100.47	Inf	-Inf	3	Horizontal	55	1.33	-
2417MHz	Pass	PK	2.39G	61.33	74.00	-12.67	3	Horizontal	55	1.33	-
2417MHz	Pass	PK	2.4224G	108.80	Inf	-Inf	3	Horizontal	55	1.33	-
2437MHz	Pass	AV	2.3898G	48.24	54.00	-5.76	3	Vertical	304	1.51	-
2437MHz	Pass	AV	2.433G	99.18	Inf	-Inf	3	Vertical	304	1.51	-
2437MHz	Pass	AV	2.4874G	48.34	54.00	-5.66	3	Vertical	304	1.51	-
2437MHz	Pass	PK	2.3862G	60.00	74.00	-14.00	3	Vertical	304	1.51	-
2437MHz	Pass	PK	2.4334G	109.33	Inf	-Inf	3	Vertical	304	1.51	-
2437MHz	Pass	PK	2.4898G	60.30	74.00	-13.70	3	Vertical	304	1.51	-
2437MHz	Pass	AV	2.3898G	49.40	54.00	-4.60	3	Horizontal	32	1.55	-
2437MHz	Pass	AV	2.4354G	104.26	Inf	-Inf	3	Horizontal	32	1.55	-
2437MHz	Pass	AV	2.4854G	49.20	54.00	-4.80	3	Horizontal	32	1.55	-
2437MHz	Pass	PK	2.389G	60.34	74.00	-13.66	3	Horizontal	32	1.55	-
2437MHz	Pass	PK	2.435G	112.69	Inf	-Inf	3	Horizontal	32	1.55	-
2437MHz	Pass	PK	2.4866G	60.18	74.00	-13.82	3	Horizontal	32	1.55	-
2437MHz	Pass	AV	4.8653G	33.01	54.00	-20.99	3	Vertical	105	2.41	-
2437MHz	Pass	PK	4.88882G	45.10	74.00	-28.90	3	Vertical	105	2.41	-
2437MHz	Pass	AV	4.86938G	32.89	54.00	-21.11	3	Horizontal	291	1.17	-
2437MHz	Pass	PK	4.86332G	44.89	74.00	-29.11	3	Horizontal	291	1.17	-
2457MHz	Pass	AV	2.4606G	93.90	Inf	-Inf	3	Vertical	287	1.19	-
2457MHz	Pass	AV	2.498G	48.16	54.00	-5.84	3	Vertical	287	1.19	-
2457MHz	Pass	PK	2.4558G	103.67	Inf	-Inf	3	Vertical	287	1.19	-
2457MHz	Pass	PK	2.4948G	59.92	74.00	-14.08	3	Vertical	287	1.19	-
2457MHz	Pass	AV	2.4526G	99.16	Inf	-Inf	3	Horizontal	46	1.49	-
2457MHz	Pass	AV	2.4846G	50.54	54.00	-3.46	3	Horizontal	46	1.49	-
2457MHz	Pass	PK	2.4526G	107.33	Inf	-Inf	3	Horizontal	46	1.49	-
2457MHz	Pass	PK	2.4854G	61.95	74.00	-12.05	3	Horizontal	46	1.49	-
2462MHz	Pass	AV	2.3872G	47.11	54.00	-6.89	3	Vertical	360	1.25	-
2462MHz	Pass	AV	2.4112G	100.30	Inf	-Inf	3	Vertical	360	1.25	-
2462MHz	Pass	PK	2.3824G	58.47	74.00	-15.53	3	Vertical	360	1.25	-
2462MHz	Pass	PK	2.411G	102.91	Inf	-Inf	3	Vertical	360	1.25	-
2462MHz	Pass	AV	2.386G	50.86	54.00	-3.14	3	Horizontal	56	1.10	-
2462MHz	Pass	AV	2.4112G	107.46	Inf	-Inf	3	Horizontal	56	1.10	-
2462MHz	Pass	PK	2.3876G	61.02	74.00	-12.98	3	Horizontal	56	1.10	-
2462MHz	Pass	PK	2.411G	109.93	Inf	-Inf	3	Horizontal	56	1.10	-
2462MHz	Pass	AV	4.82406G	42.11	54.00	-11.89	3	Vertical	245	1.00	-
2462MHz	Pass	PK	4.82412G	47.59	74.00	-26.41	3	Vertical	245	1.00	-
2462MHz	Pass	AV	4.82406G	37.80	54.00	-16.20	3	Horizontal	124	1.03	-
2462MHz	Pass	PK	4.82388G	46.51	74.00	-27.49	3	Horizontal	124	1.03	-

802.11b_Nss1,(1Mbps)_2TX

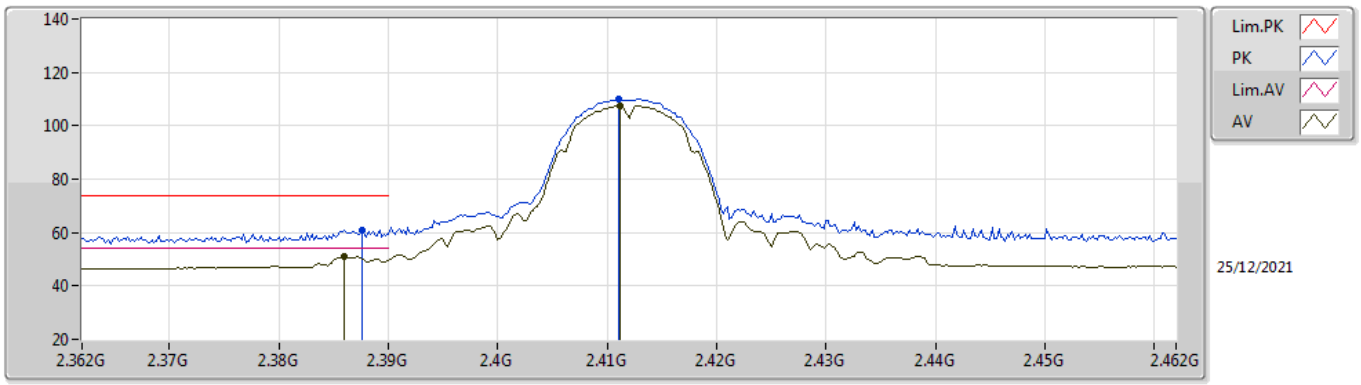
2412MHz_TX



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	2.3872G	47.11	54.00	-6.89	31.74	3	Vertical	360	1.25	-	15.37	27.37	4.37	-
AV	2.4112G	100.30	Inf	-Inf	31.84	3	Vertical	360	1.25	-	68.46	27.44	4.40	-
PK	2.3824G	58.47	74.00	-15.53	31.72	3	Vertical	360	1.25	-	26.75	27.36	4.36	-
PK	2.411G	102.91	Inf	-Inf	31.84	3	Vertical	360	1.25	-	71.07	27.44	4.40	-

802.11b_Nss1,(1Mbps)_2TX

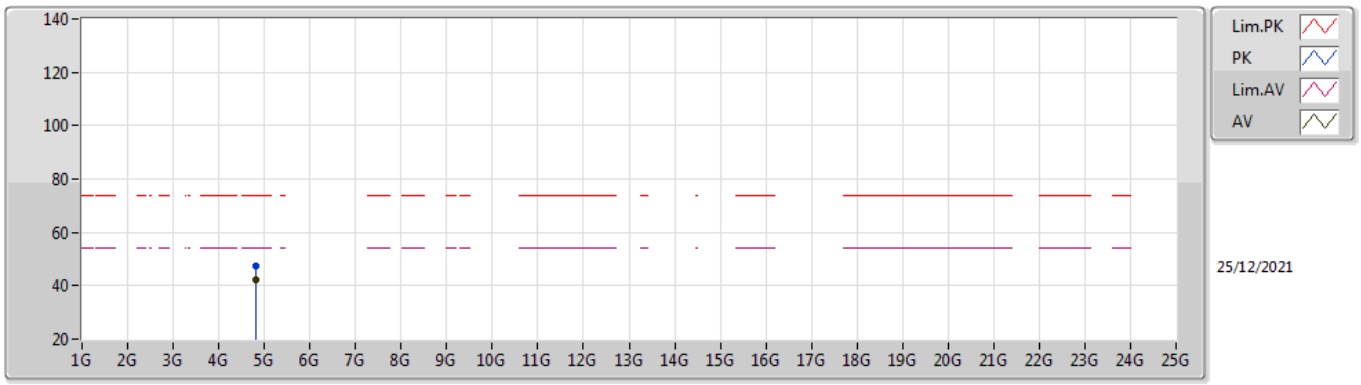
2412MHz_TX



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	2.386G	50.86	54.00	-3.14	31.74	3	Horizontal	56	1.10	-	19.12	27.37	4.37	-
AV	2.4112G	107.46	Inf	-Inf	31.84	3	Horizontal	56	1.10	-	75.62	27.44	4.40	-
PK	2.3876G	61.02	74.00	-12.98	31.75	3	Horizontal	56	1.10	-	29.27	27.38	4.37	-
PK	2.411G	109.93	Inf	-Inf	31.84	3	Horizontal	56	1.10	-	78.09	27.44	4.40	-

802.11b_Nss1,(1Mbps)_2TX

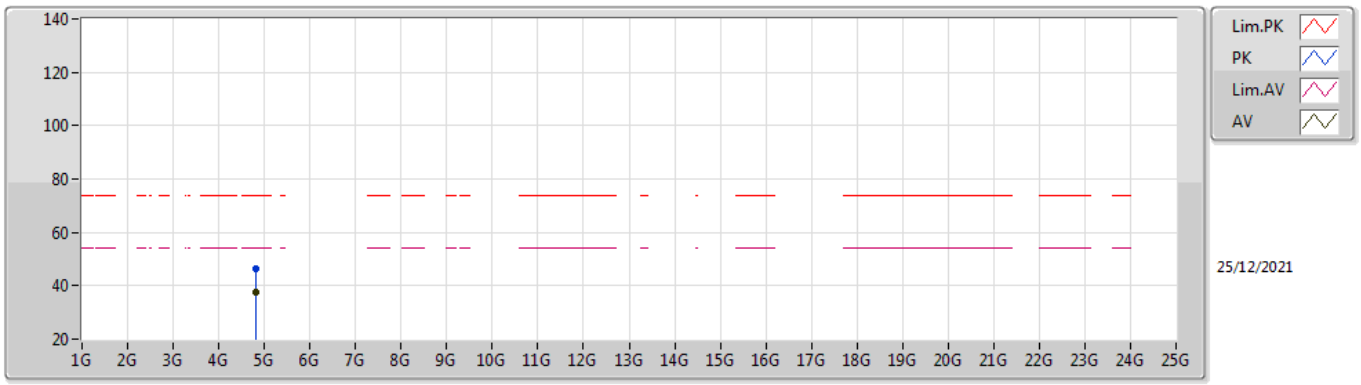
2412MHz_TX



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	4.82406G	42.11	54.00	-11.89	4.42	3	Vertical	245	1.00	-	37.69	32.60	6.27	34.45
PK	4.82412G	47.59	74.00	-26.41	4.42	3	Vertical	245	1.00	-	43.17	32.60	6.27	34.45

802.11b_Nss1,(1Mbps)_2TX

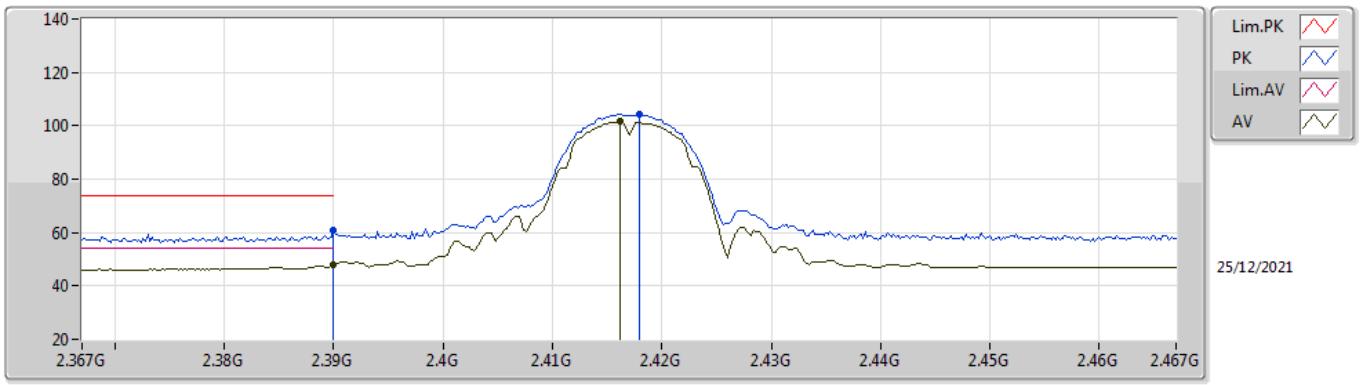
2412MHz_TX



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	4.82406G	37.80	54.00	-16.20	4.42	3	Horizontal	124	1.03	-	33.38	32.60	6.27	34.45
PK	4.82388G	46.51	74.00	-27.49	4.42	3	Horizontal	124	1.03	-	42.09	32.60	6.27	34.45

802.11b_Nss1,(1Mbps)_2TX

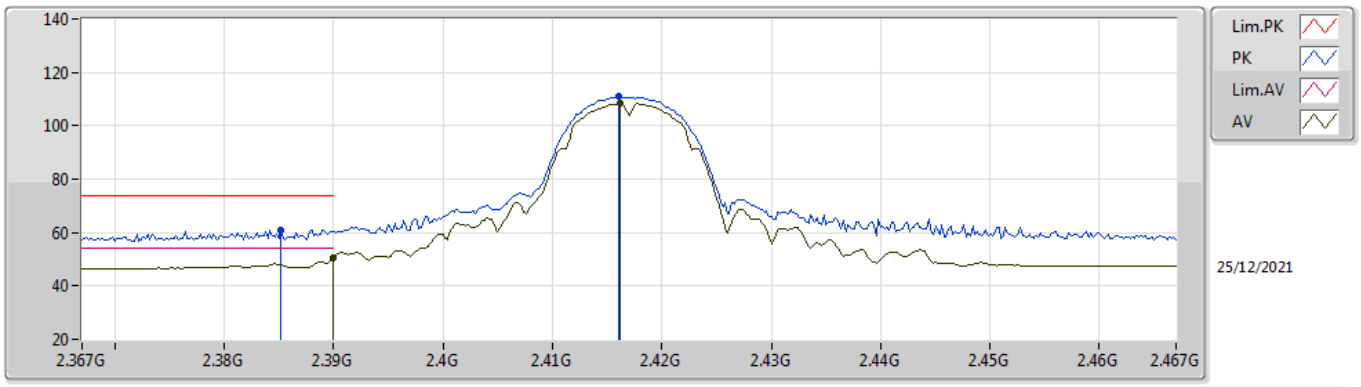
2417MHz_TX



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	2.39G	48.03	54.00	-5.97	31.75	3	Vertical	245	1.25	-	16.28	27.38	4.37	-
AV	2.4162G	101.72	Inf	-Inf	31.86	3	Vertical	245	1.25	-	69.86	27.46	4.40	-
PK	2.39G	60.94	74.00	-13.06	31.75	3	Vertical	245	1.25	-	29.19	27.38	4.37	-
PK	2.418G	104.20	Inf	-Inf	31.88	3	Vertical	245	1.25	-	72.32	27.47	4.41	-

802.11b_Nss1,(1Mbps)_2TX

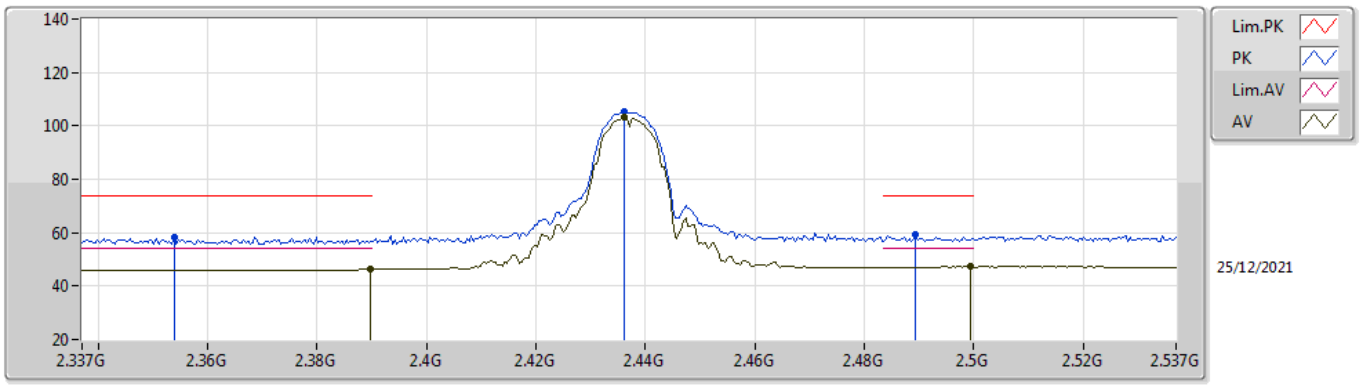
2417MHz_TX



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	2.39G	50.74	54.00	-3.26	31.75	3	Horizontal	51	1.09	-	18.99	27.38	4.37	-
AV	2.4162G	108.33	Inf	-Inf	31.86	3	Horizontal	51	1.09	-	76.47	27.46	4.40	-
PK	2.3852G	61.12	74.00	-12.88	31.73	3	Horizontal	51	1.09	-	29.39	27.37	4.36	-
PK	2.416G	110.80	Inf	-Inf	31.86	3	Horizontal	51	1.09	-	78.94	27.46	4.40	-

802.11b_Nss1,(1Mbps)_2TX

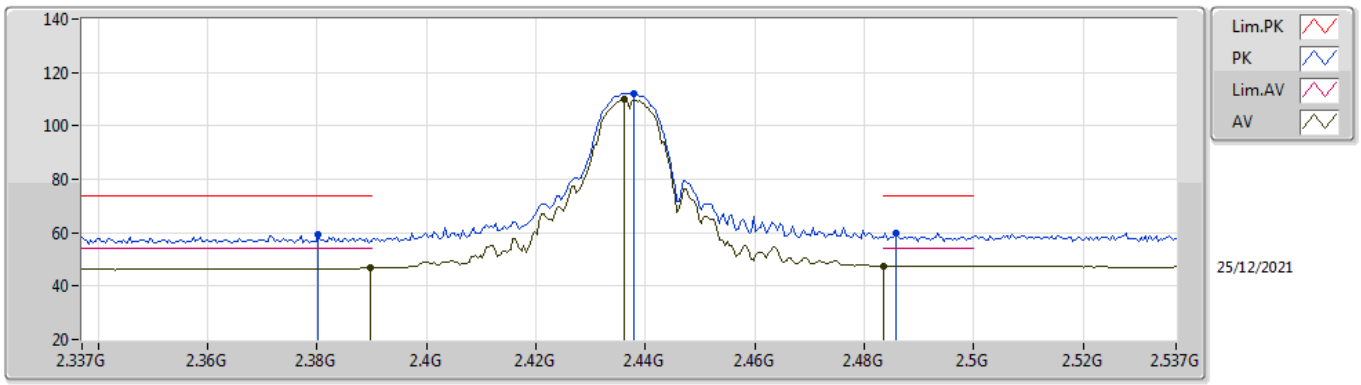
2437MHz_TX



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	46.15	54.00	-7.85	31.75	3	Vertical	0	1.19	-	14.40	27.38	4.37	-
AV	2.4362G	103.02	Inf	-Inf	31.97	3	Vertical	0	1.19	-	71.05	27.54	4.43	-
AV	2.4994G	47.17	54.00	-6.83	32.42	3	Vertical	0	1.19	-	14.75	27.90	4.52	-
PK	2.3538G	58.37	74.00	-15.63	31.64	3	Vertical	0	1.19	-	26.73	27.31	4.33	-
PK	2.4362G	105.39	Inf	-Inf	31.97	3	Vertical	0	1.19	-	73.42	27.54	4.43	-
PK	2.4894G	59.52	74.00	-14.48	32.35	3	Vertical	0	1.19	-	27.17	27.84	4.51	-

802.11b_Nss1,(1Mbps)_2TX

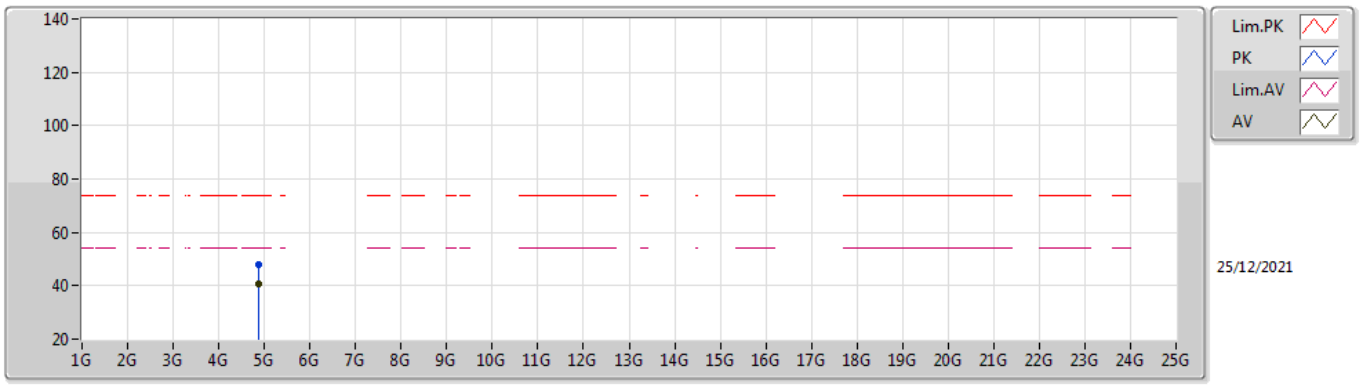
2437MHz_TX



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	46.66	54.00	-7.34	31.75	3	Horizontal	52	1.05	-	14.91	27.38	4.37	-
AV	2.4362G	109.77	Inf	-Inf	31.97	3	Horizontal	52	1.05	-	77.80	27.54	4.43	-
AV	2.4835G	47.61	54.00	-6.39	32.30	3	Horizontal	52	1.05	-	15.31	27.80	4.50	-
PK	2.3802G	59.37	74.00	-14.63	31.72	3	Horizontal	52	1.05	-	27.65	27.36	4.36	-
PK	2.4378G	112.28	Inf	-Inf	31.98	3	Horizontal	52	1.05	-	80.30	27.55	4.43	-
PK	2.4858G	60.04	74.00	-13.96	32.31	3	Horizontal	52	1.05	-	27.73	27.81	4.50	-

802.11b_Nss1,(1Mbps)_2TX

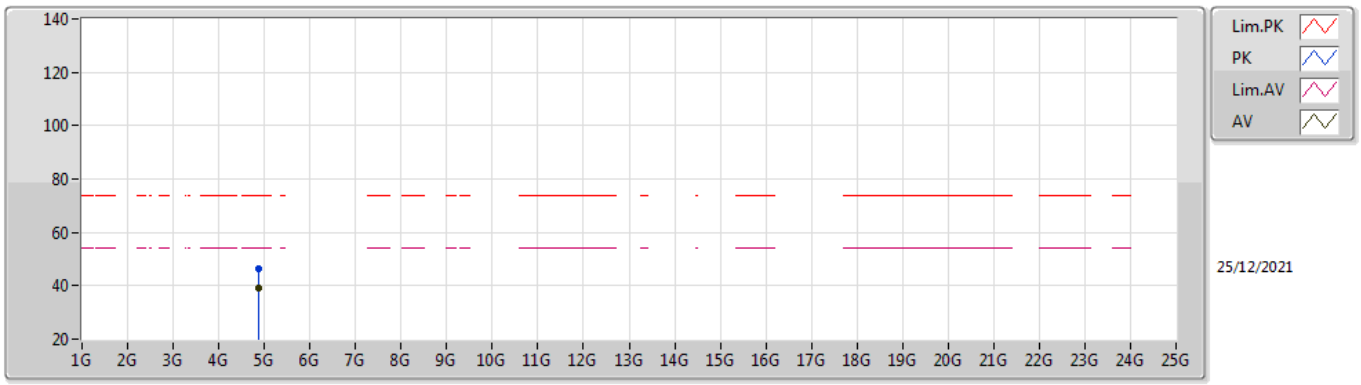
2437MHz_TX



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	4.87408G	40.88	54.00	-13.12	4.61	3	Vertical	232	1.00	-	36.27	32.75	6.30	34.44
PK	4.87404G	47.99	74.00	-26.01	4.61	3	Vertical	232	1.00	-	43.38	32.75	6.30	34.44

802.11b_Nss1,(1Mbps)_2TX

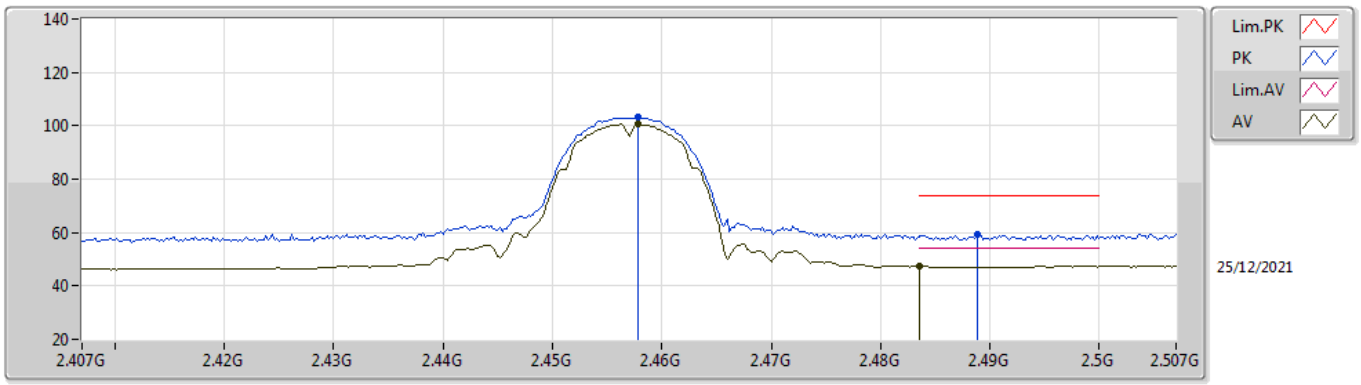
2437MHz_TX



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	4.87408G	38.91	54.00	-15.09	4.61	3	Horizontal	145	1.00	-	34.30	32.75	6.30	34.44
PK	4.874G	46.58	74.00	-27.42	4.61	3	Horizontal	145	1.00	-	41.97	32.75	6.30	34.44

802.11b_Nss1,(1Mbps)_2TX

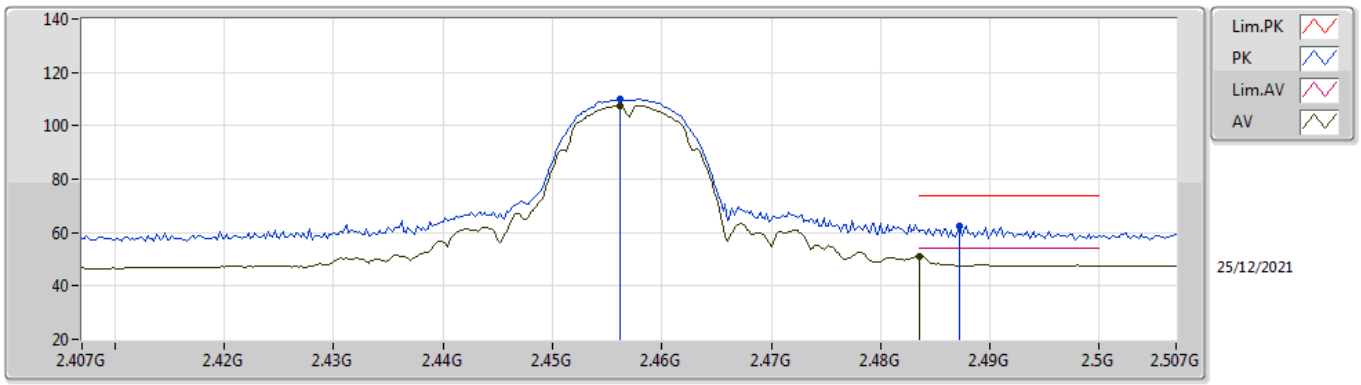
2457MHz_TX



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	2.4578G	100.62	Inf	-Inf	32.11	3	Vertical	329	2.00	-	68.51	27.65	4.46	-
AV	2.4835G	47.61	54.00	-6.39	32.30	3	Vertical	329	2.00	-	15.31	27.80	4.50	-
PK	2.4578G	103.08	Inf	-Inf	32.11	3	Vertical	329	2.00	-	70.97	27.65	4.46	-
PK	2.4888G	59.32	74.00	-14.68	32.34	3	Vertical	329	2.00	-	26.98	27.83	4.51	-

802.11b_Nss1,(1Mbps)_2TX

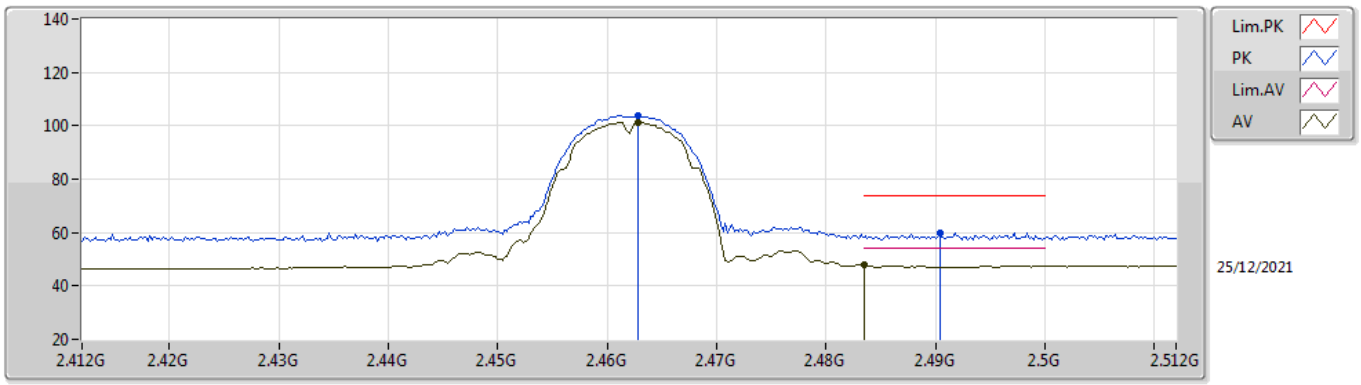
2457MHz_TX



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	2.4562G	107.61	Inf	-Inf	32.10	3	Horizontal	56	1.31	-	75.51	27.64	4.46	-
AV	2.4835G	50.88	54.00	-3.12	32.30	3	Horizontal	56	1.31	-	18.58	27.80	4.50	-
PK	2.4562G	110.05	Inf	-Inf	32.10	3	Horizontal	56	1.31	-	77.95	27.64	4.46	-
PK	2.4872G	62.38	74.00	-11.62	32.33	3	Horizontal	56	1.31	-	30.05	27.82	4.51	-

802.11b_Nss1,(1Mbps)_2TX

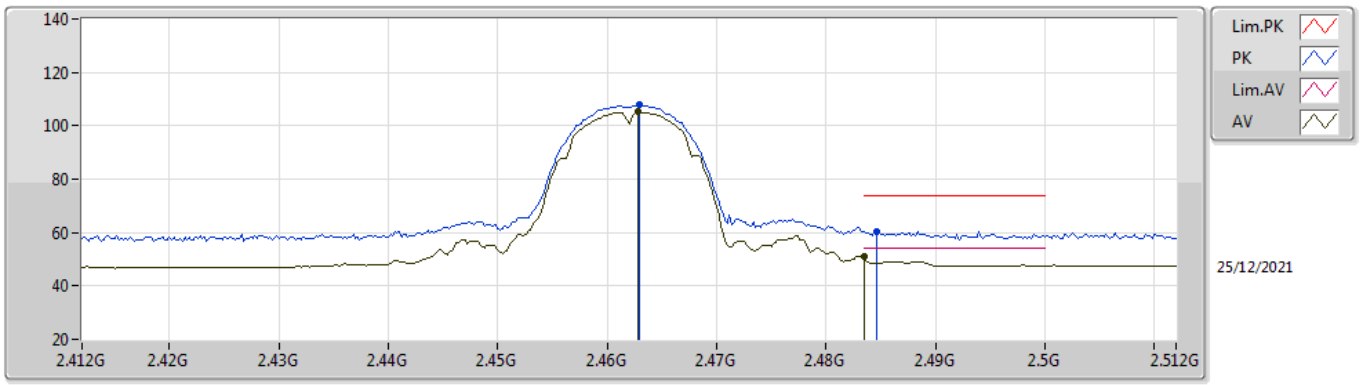
2462MHz_TX



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	2.4628G	101.33	Inf	-Inf	32.15	3	Vertical	32	1.08	-	69.18	27.68	4.47	-
AV	2.4835G	47.85	54.00	-6.15	32.30	3	Vertical	32	1.08	-	15.55	27.80	4.50	-
PK	2.4628G	103.79	Inf	-Inf	32.15	3	Vertical	32	1.08	-	71.64	27.68	4.47	-
PK	2.4904G	60.07	74.00	-13.93	32.35	3	Vertical	32	1.08	-	27.72	27.84	4.51	-

802.11b_Nss1,(1Mbps)_2TX

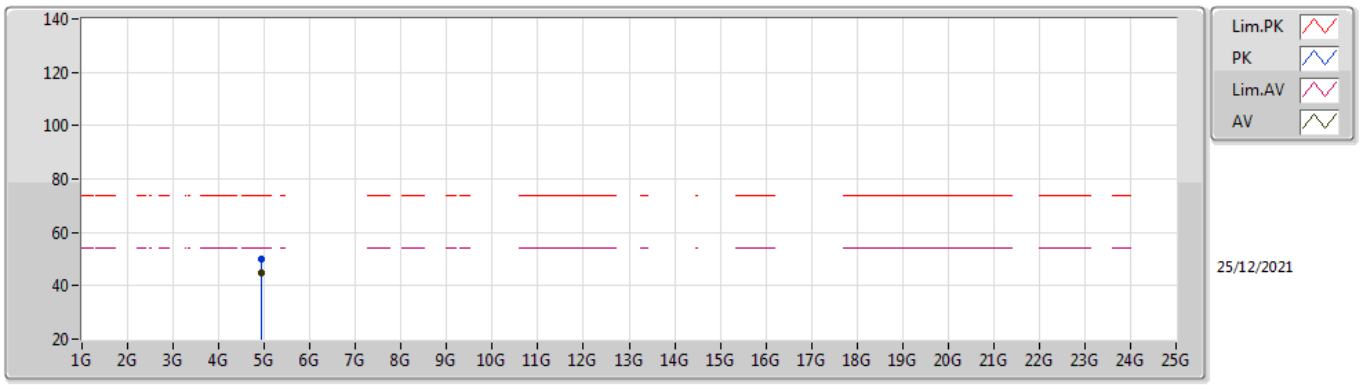
2462MHz_TX



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	2.4628G	105.36	Inf	-Inf	32.15	3	Horizontal	305	1.33	-	73.21	27.68	4.47	-
AV	2.4835G	50.88	54.00	-3.12	32.30	3	Horizontal	305	1.33	-	18.58	27.80	4.50	-
PK	2.463G	107.77	Inf	-Inf	32.15	3	Horizontal	305	1.33	-	75.62	27.68	4.47	-
PK	2.4846G	60.28	74.00	-13.72	32.31	3	Horizontal	305	1.33	-	27.97	27.81	4.50	-

802.11b_Nss1,(1Mbps)_2TX

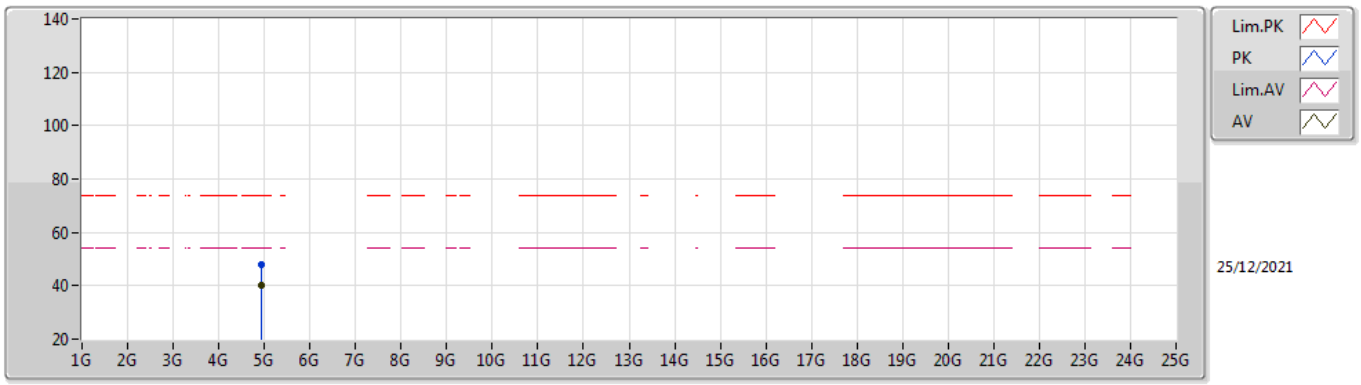
2462MHz_TX



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	4.92408G	44.65	54.00	-9.35	4.83	3	Vertical	230	1.01	-	39.82	32.94	6.33	34.44
PK	4.92416G	49.98	74.00	-24.02	4.83	3	Vertical	230	1.01	-	45.15	32.94	6.33	34.44

802.11b_Nss1,(1Mbps)_2TX

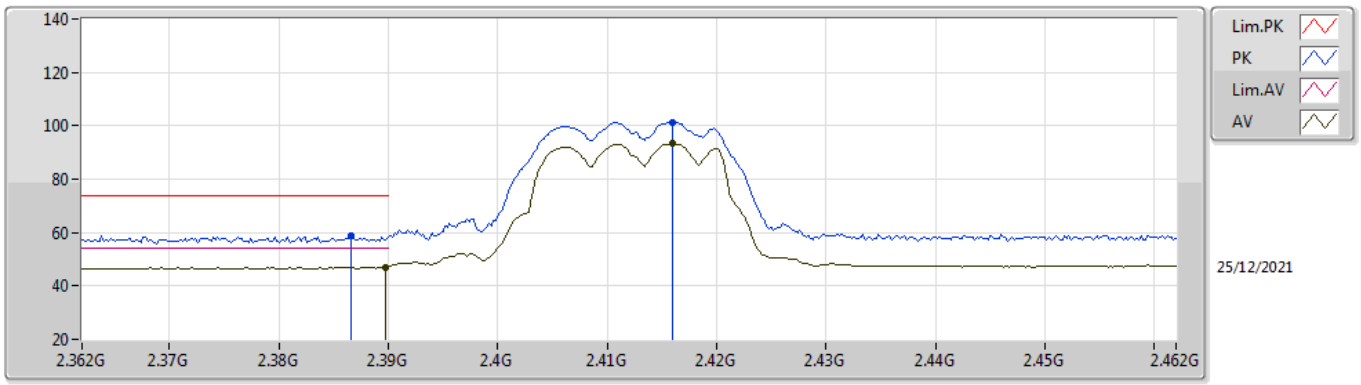
2462MHz_TX



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	4.924G	40.18	54.00	-13.82	4.83	3	Horizontal	127	1.00	-	35.35	32.94	6.33	34.44
PK	4.9242G	47.84	74.00	-26.16	4.84	3	Horizontal	127	1.00	-	43.00	32.95	6.33	34.44

802.11g_Nss1,(6Mbps)_2TX

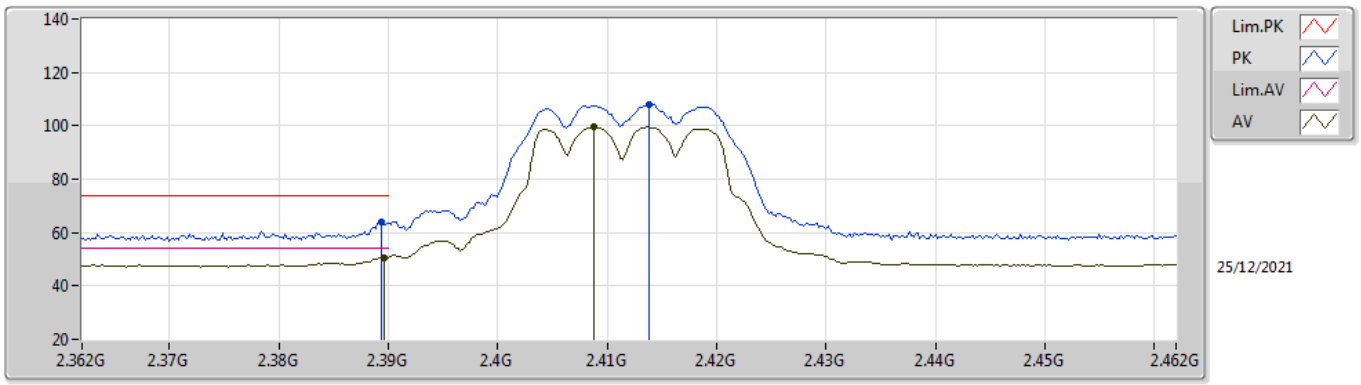
2412MHz_TX



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	2.3898G	47.14	54.00	-6.86	31.75	3	Vertical	357	1.47	-	15.39	27.38	4.37	-
AV	2.416G	93.20	Inf	-Inf	31.86	3	Vertical	357	1.47	-	61.34	27.46	4.40	-
PK	2.3866G	58.69	74.00	-15.31	31.74	3	Vertical	357	1.47	-	26.95	27.37	4.37	-
PK	2.416G	101.16	Inf	-Inf	31.86	3	Vertical	357	1.47	-	69.30	27.46	4.40	-

802.11g_Nss1,(6Mbps)_2TX

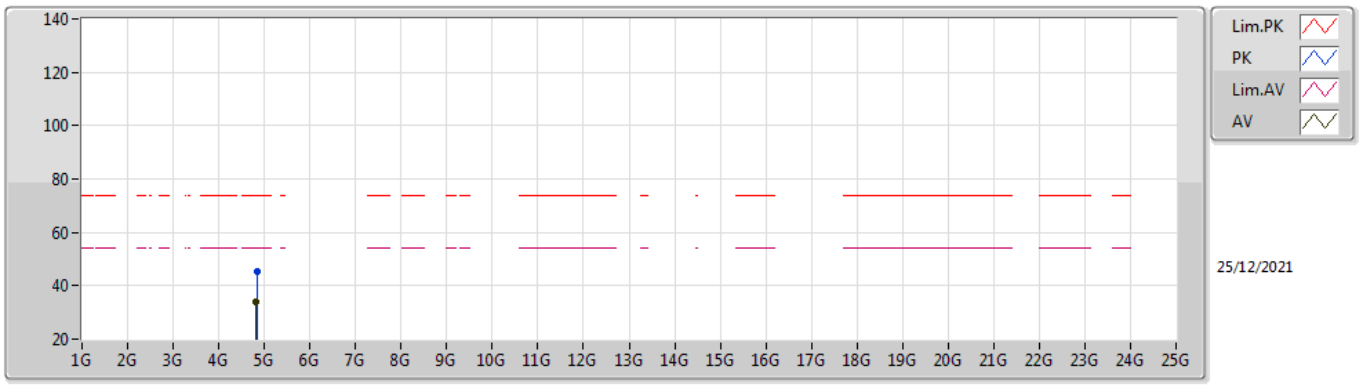
2412MHz_TX



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	50.74	54.00	-3.26	31.75	3	Horizontal	22	1.38	-	18.99	27.38	4.37	-
AV	2.4088G	99.58	Inf	-Inf	31.83	3	Horizontal	22	1.38	-	67.75	27.44	4.39	-
PK	2.3894G	63.80	74.00	-10.20	31.75	3	Horizontal	22	1.38	-	32.05	27.38	4.37	-
PK	2.4138G	107.98	Inf	-Inf	31.86	3	Horizontal	22	1.38	-	76.12	27.46	4.40	-

802.11g_Nss1,(6Mbps)_2TX

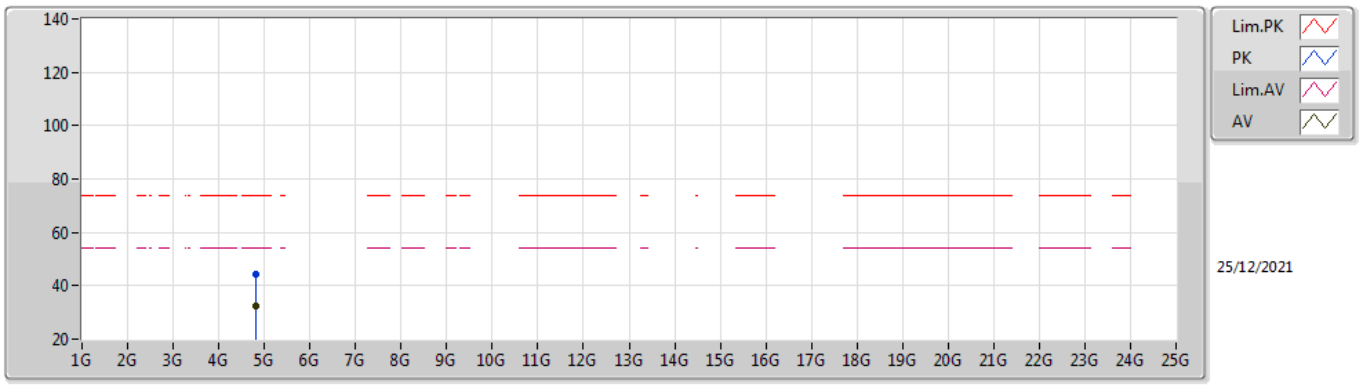
2412MHz_TX



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	4.82552G	33.71	54.00	-20.29	4.43	3	Vertical	243	1.01	-	29.28	32.60	6.28	34.45
PK	4.82924G	45.12	74.00	-28.88	4.45	3	Vertical	243	1.01	-	40.67	32.62	6.28	34.45

802.11g_Nss1,(6Mbps)_2TX

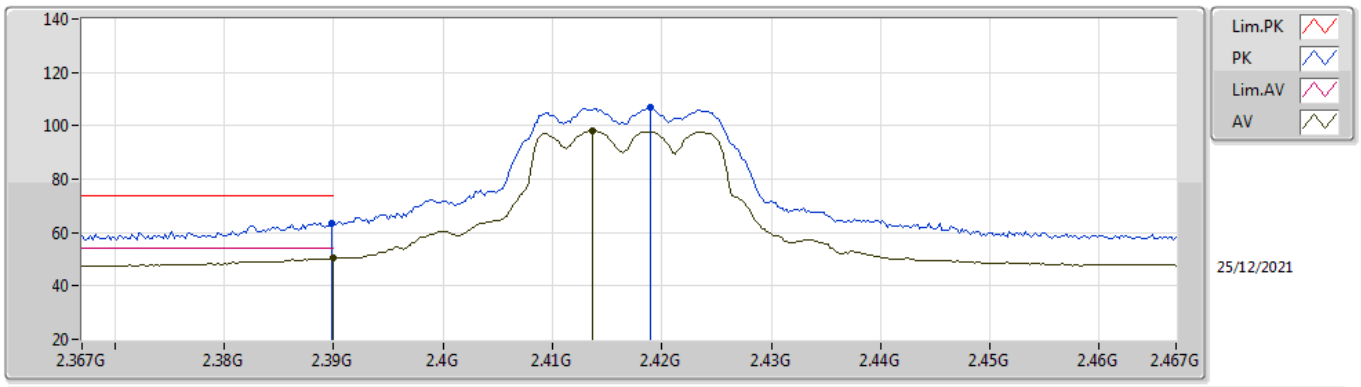
2412MHz_TX



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	4.82568G	32.27	54.00	-21.73	4.43	3	Horizontal	255	1.50	-	27.84	32.60	6.28	34.45
PK	4.81724G	44.48	74.00	-29.52	4.39	3	Horizontal	255	1.50	-	40.09	32.57	6.27	34.45

802.11g_Nss1,(6Mbps)_2TX

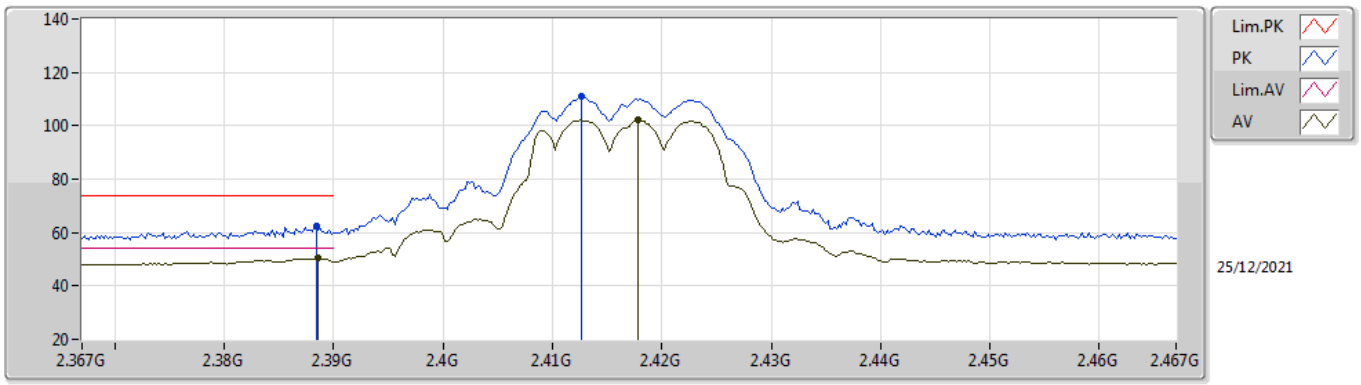
2417MHz_TX



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	2.39G	50.26	54.00	-3.74	31.75	3	Vertical	61	1.00	-	18.51	27.38	4.37	-
AV	2.4136G	98.04	Inf	-Inf	31.85	3	Vertical	61	1.00	-	66.19	27.45	4.40	-
PK	2.3898G	63.56	74.00	-10.44	31.75	3	Vertical	61	1.00	-	31.81	27.38	4.37	-
PK	2.419G	106.78	Inf	-Inf	31.89	3	Vertical	61	1.00	-	74.89	27.48	4.41	-

802.11g_Nss1,(6Mbps)_2TX

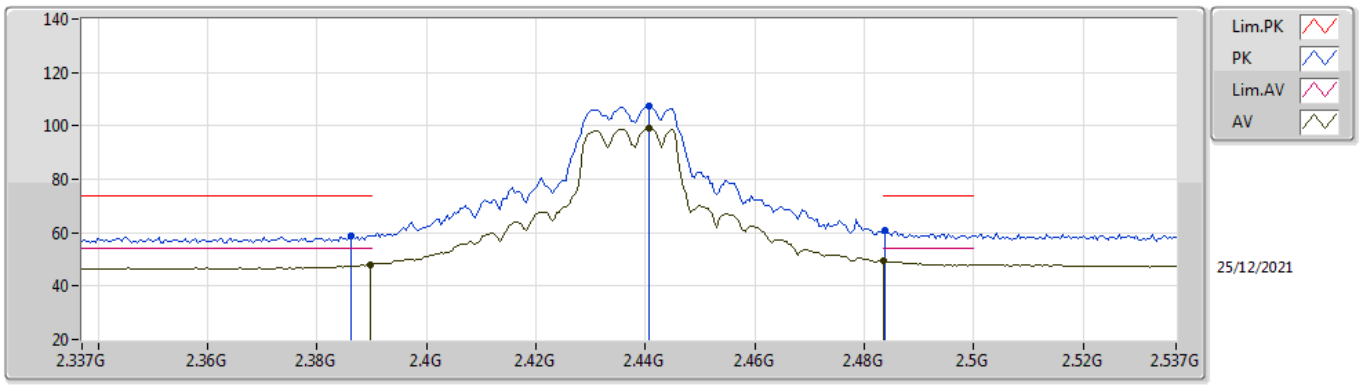
2417MHz_TX



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	2.3886G	50.41	54.00	-3.59	31.75	3	Horizontal	50	1.11	-	18.66	27.38	4.37	-
AV	2.4178G	102.04	Inf	-Inf	31.88	3	Horizontal	50	1.11	-	70.16	27.47	4.41	-
PK	2.3884G	62.30	74.00	-11.70	31.75	3	Horizontal	50	1.11	-	30.55	27.38	4.37	-
PK	2.4126G	110.95	Inf	-Inf	31.85	3	Horizontal	50	1.11	-	79.10	27.45	4.40	-

802.11g_Nss1,(6Mbps)_2TX

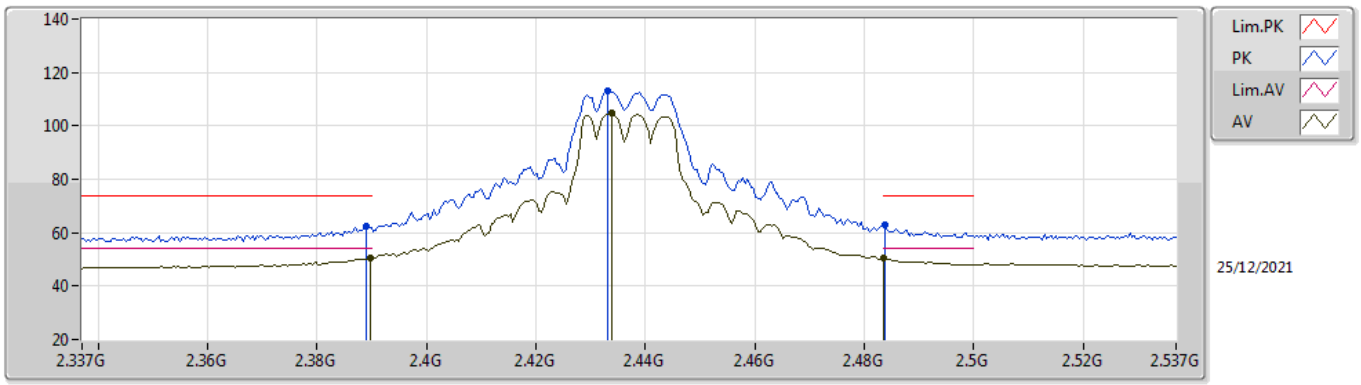
2437MHz_TX



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	48.03	54.00	-5.97	31.75	3	Vertical	0	1.68	-	16.28	27.38	4.37	-
AV	2.4406G	99.10	Inf	-Inf	32.00	3	Vertical	0	1.68	-	67.10	27.56	4.44	-
AV	2.4835G	49.40	54.00	-4.60	32.30	3	Vertical	0	1.68	-	17.10	27.80	4.50	-
PK	2.3862G	58.87	74.00	-15.13	31.74	3	Vertical	0	1.68	-	27.13	27.37	4.37	-
PK	2.4406G	107.26	Inf	-Inf	32.00	3	Vertical	0	1.68	-	75.26	27.56	4.44	-
PK	2.4838G	61.04	74.00	-12.96	32.30	3	Vertical	0	1.68	-	28.74	27.80	4.50	-

802.11g_Nss1,(6Mbps)_2TX

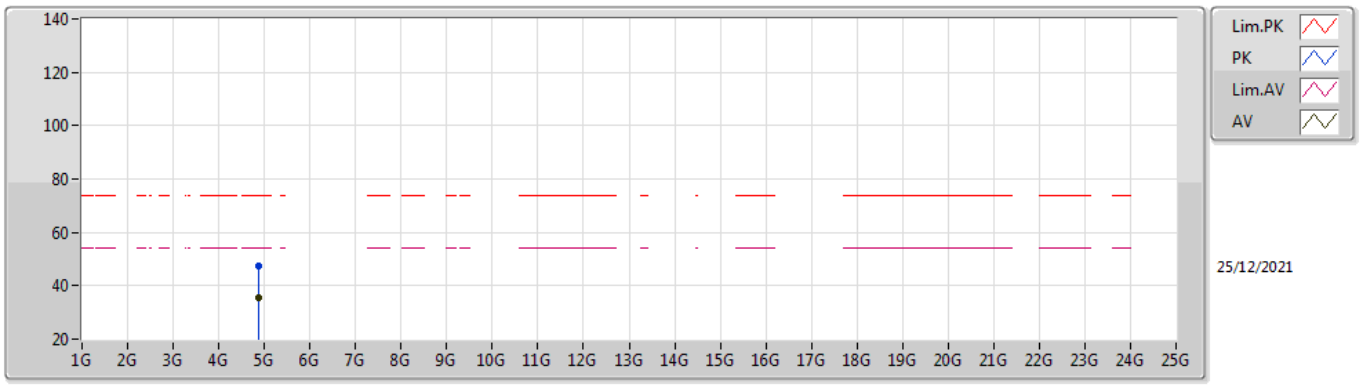
2437MHz_TX



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	50.42	54.00	-3.58	31.75	3	Horizontal	25	1.33	-	18.67	27.38	4.37	-
AV	2.4338G	104.85	Inf	-Inf	31.97	3	Horizontal	25	1.33	-	72.88	27.54	4.43	-
AV	2.4835G	50.35	54.00	-3.65	32.30	3	Horizontal	25	1.33	-	18.05	27.80	4.50	-
PK	2.389G	62.26	74.00	-11.74	31.75	3	Horizontal	25	1.33	-	30.51	27.38	4.37	-
PK	2.433G	113.08	Inf	-Inf	31.96	3	Horizontal	25	1.33	-	81.12	27.53	4.43	-
PK	2.4838G	62.75	74.00	-11.25	32.30	3	Horizontal	25	1.33	-	30.45	27.80	4.50	-

802.11g_Nss1,(6Mbps)_2TX

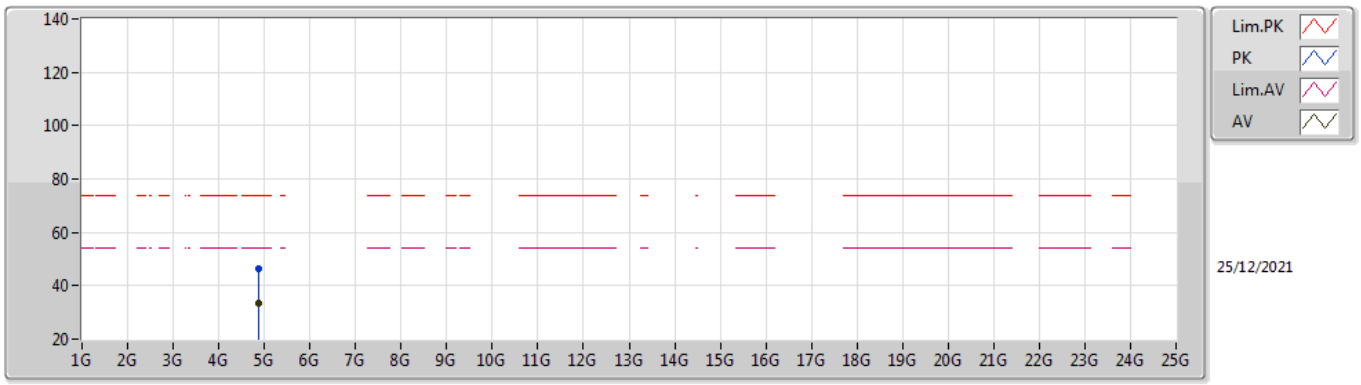
2437MHz_TX



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	4.87596G	35.40	54.00	-18.60	4.62	3	Vertical	252	1.04	-	30.78	32.75	6.31	34.44
PK	4.88124G	47.57	74.00	-26.43	4.63	3	Vertical	252	1.04	-	42.94	32.76	6.31	34.44

802.11g_Nss1,(6Mbps)_2TX

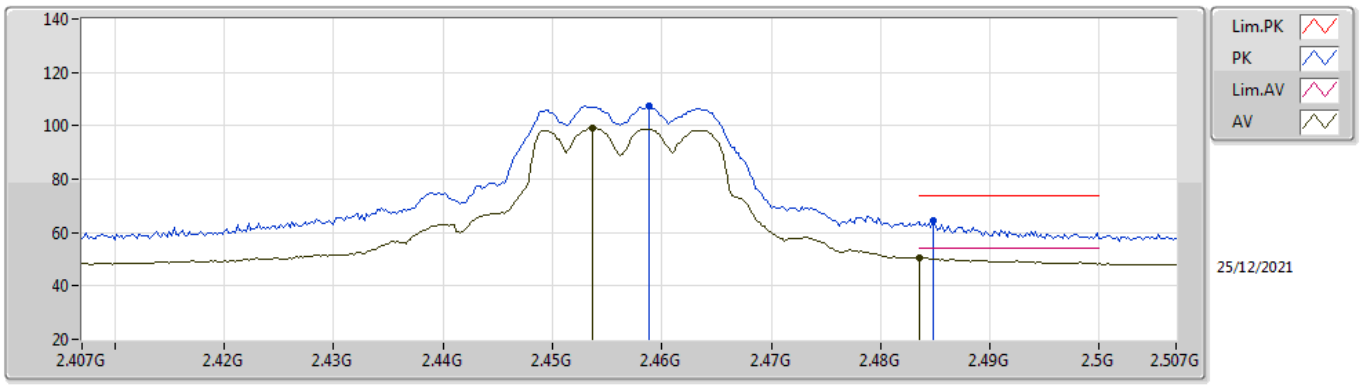
2437MHz_TX



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	4.87172G	33.27	54.00	-20.73	4.60	3	Horizontal	360	1.00	-	28.67	32.74	6.30	34.44
PK	4.87656G	46.55	74.00	-27.45	4.62	3	Horizontal	360	1.00	-	41.93	32.75	6.31	34.44

802.11g_Nss1,(6Mbps)_2TX

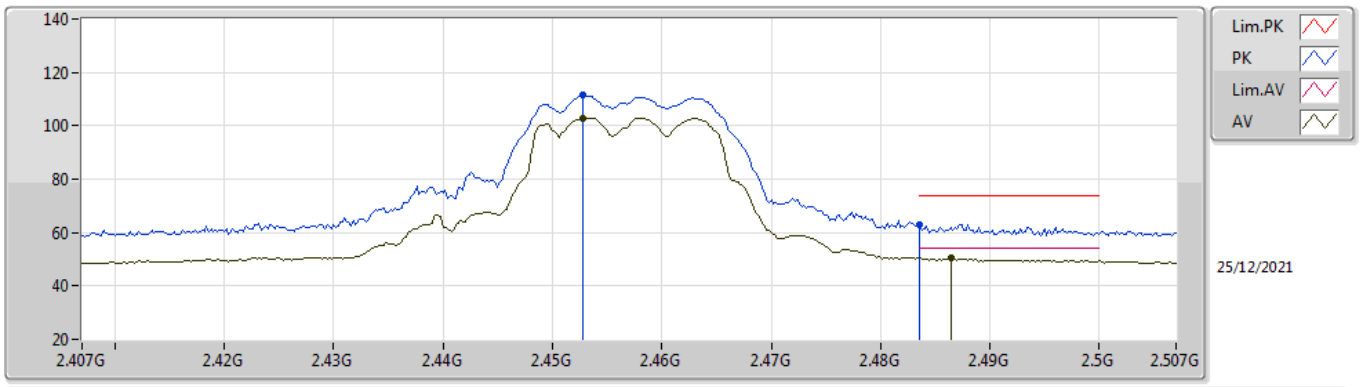
2457MHz_TX



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	2.4536G	99.10	Inf	-Inf	32.08	3	Vertical	63	1.18	-	67.02	27.62	4.46	-
AV	2.4835G	50.53	54.00	-3.47	32.30	3	Vertical	63	1.18	-	18.23	27.80	4.50	-
PK	2.4588G	107.38	Inf	-Inf	32.12	3	Vertical	63	1.18	-	75.26	27.65	4.47	-
PK	2.4848G	64.41	74.00	-9.59	32.31	3	Vertical	63	1.18	-	32.10	27.81	4.50	-

802.11g_Nss1,(6Mbps)_2TX

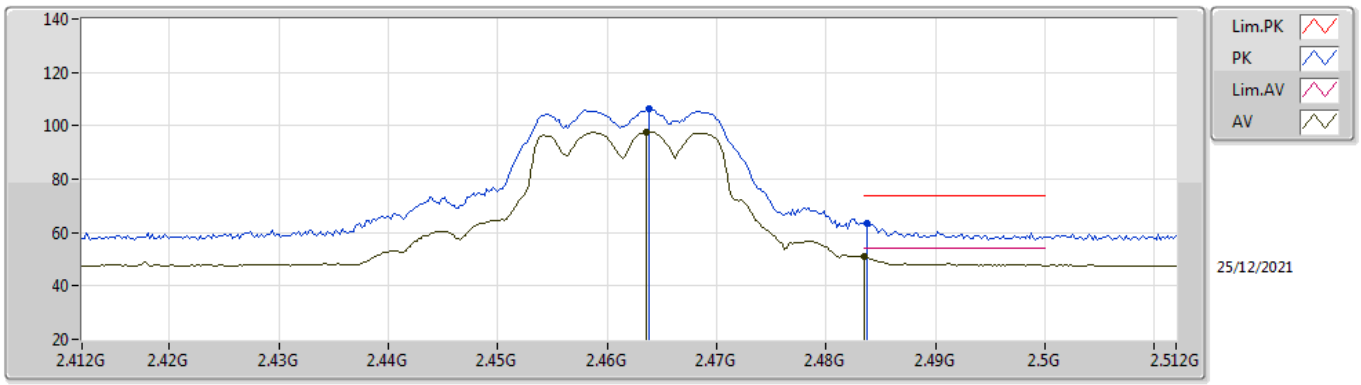
2457MHz_TX



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	2.4528G	102.97	Inf	-Inf	32.08	3	Horizontal	322	1.07	-	70.89	27.62	4.46	-
AV	2.4864G	50.38	54.00	-3.62	32.33	3	Horizontal	322	1.07	-	18.05	27.82	4.51	-
PK	2.4528G	111.77	Inf	-Inf	32.08	3	Horizontal	322	1.07	-	79.69	27.62	4.46	-
PK	2.4836G	63.18	74.00	-10.82	32.30	3	Horizontal	322	1.07	-	30.88	27.80	4.50	-

802.11g_Nss1,(6Mbps)_2TX

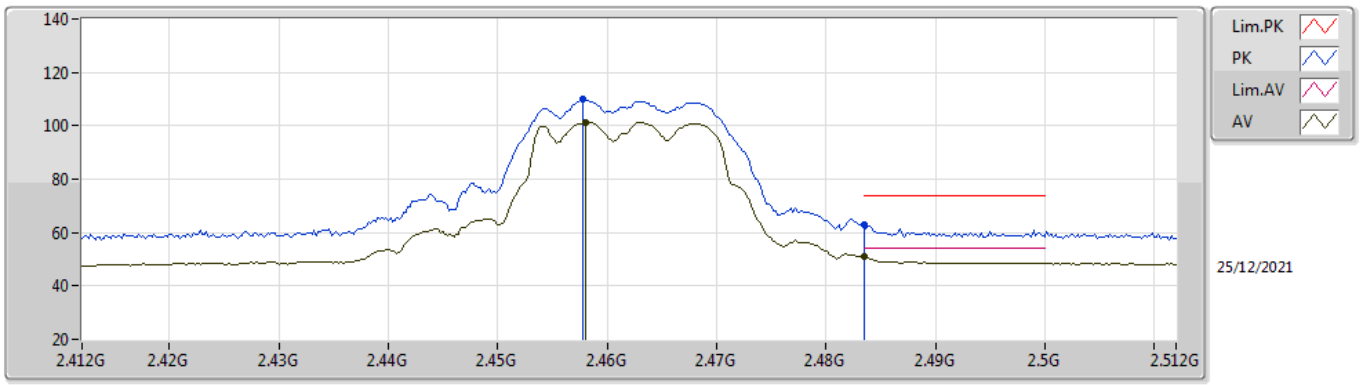
2462MHz_TX



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	2.4636G	97.63	Inf	-Inf	32.15	3	Vertical	63	1.07	-	65.48	27.68	4.47	-
AV	2.4835G	50.81	54.00	-3.19	32.30	3	Vertical	63	1.07	-	18.51	27.80	4.50	-
PK	2.4638G	106.45	Inf	-Inf	32.15	3	Vertical	63	1.07	-	74.30	27.68	4.47	-
PK	2.4838G	63.67	74.00	-10.33	32.30	3	Vertical	63	1.07	-	31.37	27.80	4.50	-

802.11g_Nss1,(6Mbps)_2TX

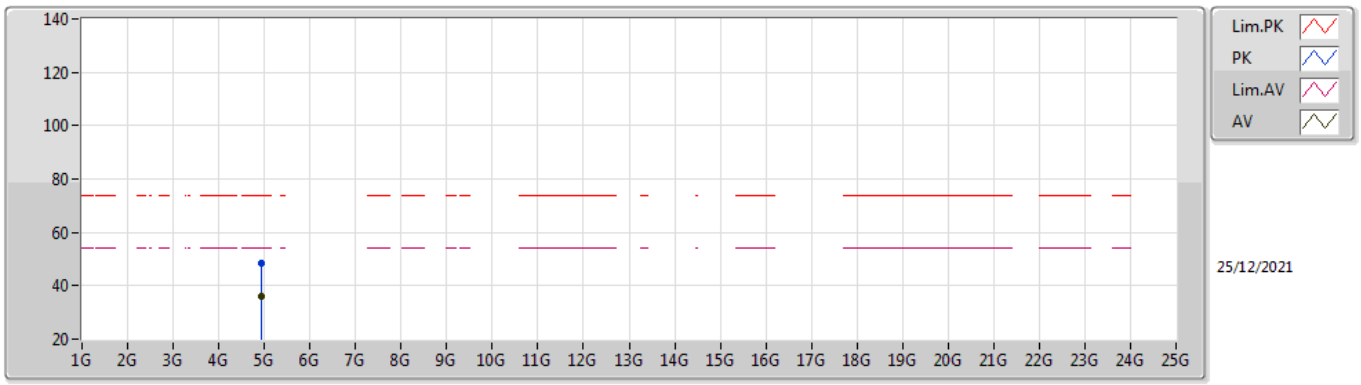
2462MHz_TX



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	2.458G	101.13	Inf	-Inf	32.11	3	Horizontal	322	1.04	-	69.02	27.65	4.46	-
AV	2.4835G	50.81	54.00	-3.19	32.30	3	Horizontal	322	1.04	-	18.51	27.80	4.50	-
PK	2.4578G	109.92	Inf	-Inf	32.11	3	Horizontal	322	1.04	-	77.81	27.65	4.46	-
PK	2.4835G	63.10	74.00	-10.90	32.30	3	Horizontal	322	1.04	-	30.80	27.80	4.50	-

802.11g_Nss1,(6Mbps)_2TX

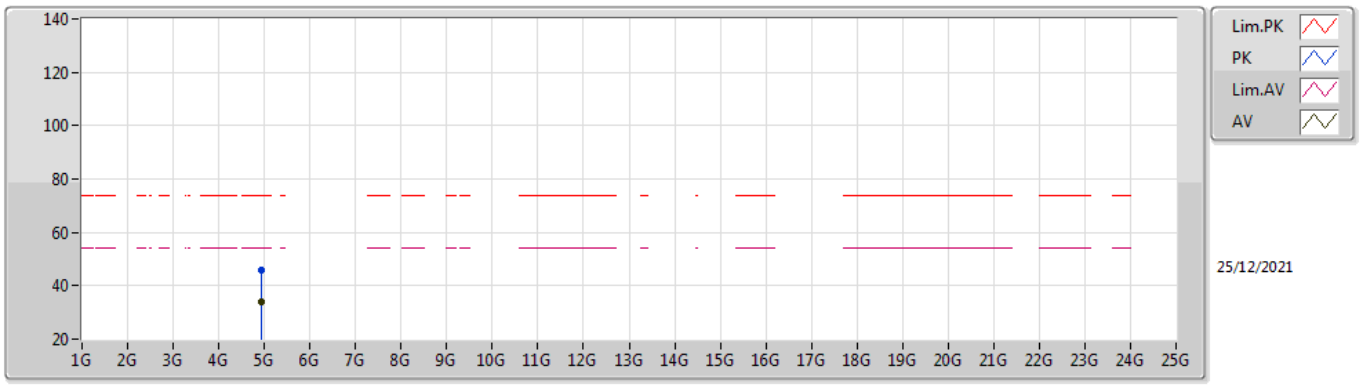
2462MHz_TX



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	4.92576G	36.19	54.00	-17.81	4.85	3	Vertical	248	1.00	-	31.34	32.95	6.34	34.44
PK	4.92632G	48.20	74.00	-25.80	4.86	3	Vertical	248	1.00	-	43.34	32.96	6.34	34.44

802.11g_Nss1,(6Mbps)_2TX

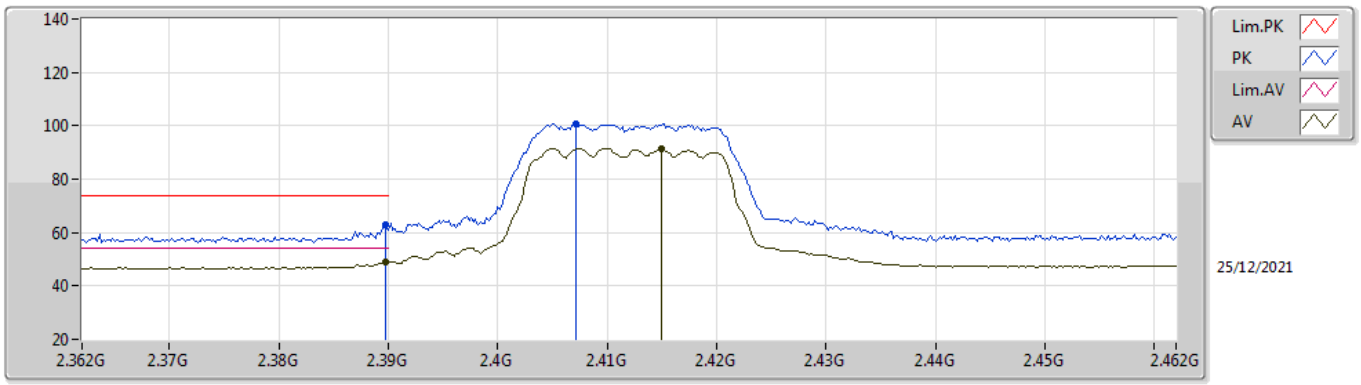
2462MHz_TX



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	4.92076G	34.17	54.00	-19.83	4.81	3	Horizontal	126	1.09	-	29.36	32.92	6.33	34.44
PK	4.92984G	45.93	74.00	-28.07	4.88	3	Horizontal	126	1.09	-	41.05	32.98	6.34	34.44

802.11n HT20_Nss1,(MCS0)_2TX

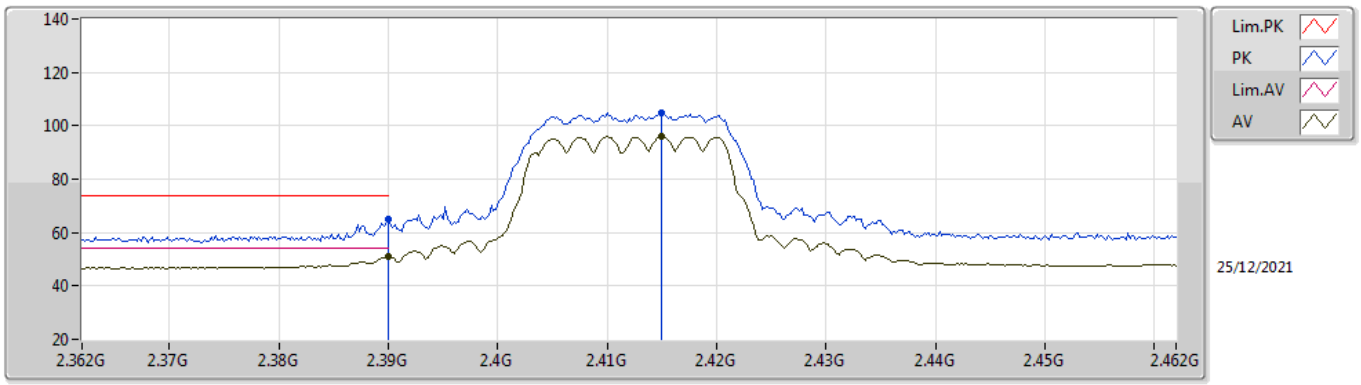
2412MHz_TX



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	2.3898G	49.03	54.00	-4.97	31.75	3	Vertical	303	1.09	-	17.28	27.38	4.37	-
AV	2.415G	91.44	Inf	-Inf	31.86	3	Vertical	303	1.09	-	59.58	27.46	4.40	-
PK	2.3898G	62.93	74.00	-11.07	31.75	3	Vertical	303	1.09	-	31.18	27.38	4.37	-
PK	2.4072G	100.84	Inf	-Inf	31.82	3	Vertical	303	1.09	-	69.02	27.43	4.39	-

802.11n HT20_Nss1,(MCS0)_2TX

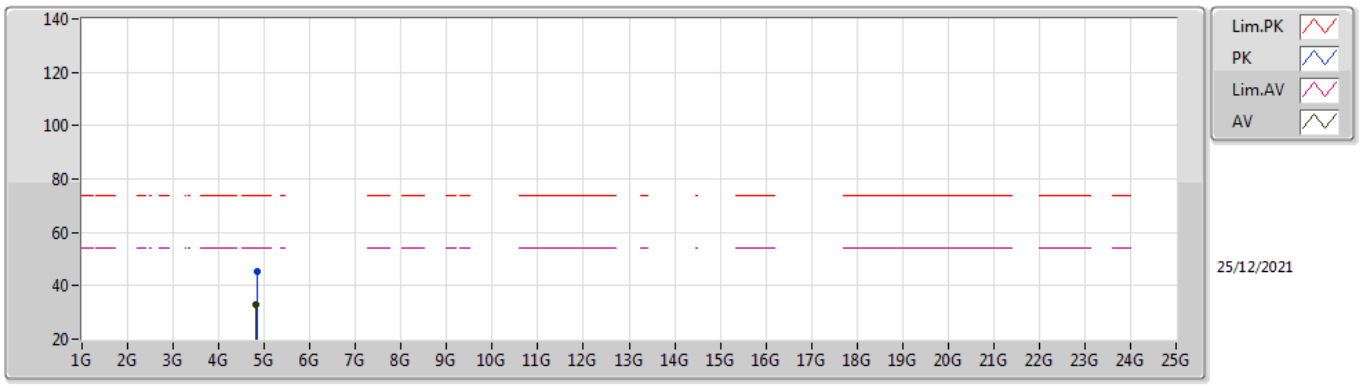
2412MHz_TX



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	50.89	54.00	-3.11	31.75	3	Horizontal	52	1.39	-	19.14	27.38	4.37	-
AV	2.415G	96.02	Inf	-Inf	31.86	3	Horizontal	52	1.39	-	64.16	27.46	4.40	-
PK	2.39G	65.16	74.00	-8.84	31.75	3	Horizontal	52	1.39	-	33.41	27.38	4.37	-
PK	2.415G	104.80	Inf	-Inf	31.86	3	Horizontal	52	1.39	-	72.94	27.46	4.40	-

802.11n HT20_Nss1,(MCS0)_2TX

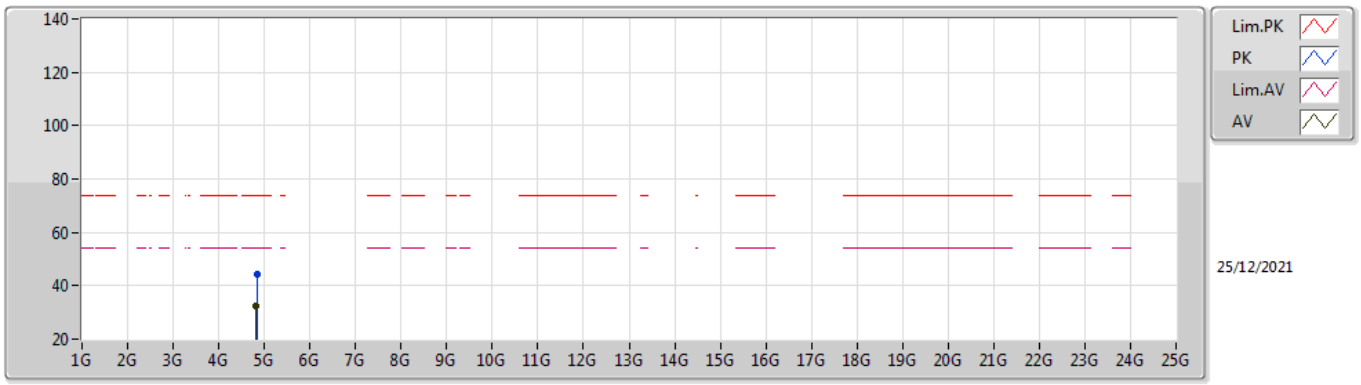
2412MHz_TX



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	4.82488G	32.86	54.00	-21.14	4.42	3	Vertical	241	1.22	-	28.44	32.60	6.27	34.45
PK	4.82872G	45.23	74.00	-28.77	4.44	3	Vertical	241	1.22	-	40.79	32.61	6.28	34.45

802.11n HT20_Nss1,(MCS0)_2TX

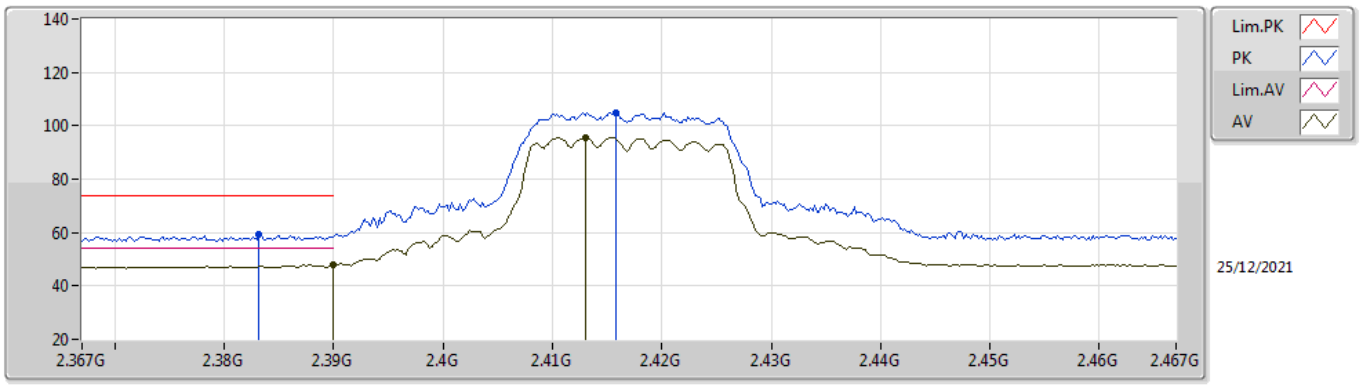
2412MHz_TX



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	4.826G	32.27	54.00	-21.73	4.43	3	Horizontal	346	1.26	-	27.84	32.60	6.28	34.45
PK	4.83284G	44.09	74.00	-29.91	4.46	3	Horizontal	346	1.26	-	39.63	32.63	6.28	34.45

802.11n HT20_Nss1,(MCS0)_2TX

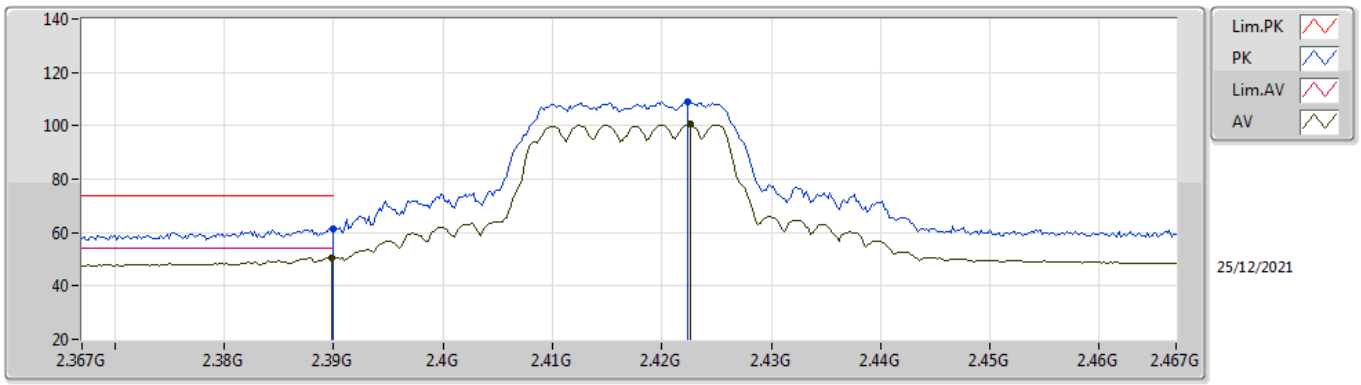
2417MHz_TX



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	2.39G	47.82	54.00	-6.18	31.75	3	Vertical	295	1.37	-	16.07	27.38	4.37	-
AV	2.413G	95.37	Inf	-Inf	31.85	3	Vertical	295	1.37	-	63.52	27.45	4.40	-
PK	2.3832G	59.09	74.00	-14.91	31.73	3	Vertical	295	1.37	-	27.36	27.37	4.36	-
PK	2.4158G	104.95	Inf	-Inf	31.86	3	Vertical	295	1.37	-	73.09	27.46	4.40	-

802.11n HT20_Nss1,(MCS0)_2TX

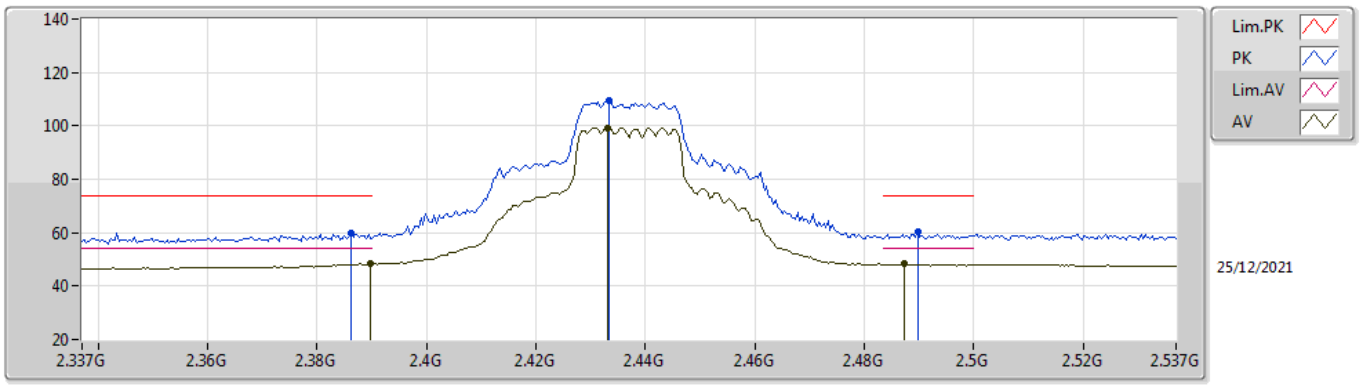
2417MHz_TX



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	2.3898G	50.62	54.00	-3.38	31.75	3	Horizontal	55	1.33	-	18.87	27.38	4.37	-
AV	2.4226G	100.47	Inf	-Inf	31.90	3	Horizontal	55	1.33	-	68.57	27.49	4.41	-
PK	2.39G	61.33	74.00	-12.67	31.75	3	Horizontal	55	1.33	-	29.58	27.38	4.37	-
PK	2.4224G	108.80	Inf	-Inf	31.90	3	Horizontal	55	1.33	-	76.90	27.49	4.41	-

802.11n HT20_Nss1,(MCS0)_2TX

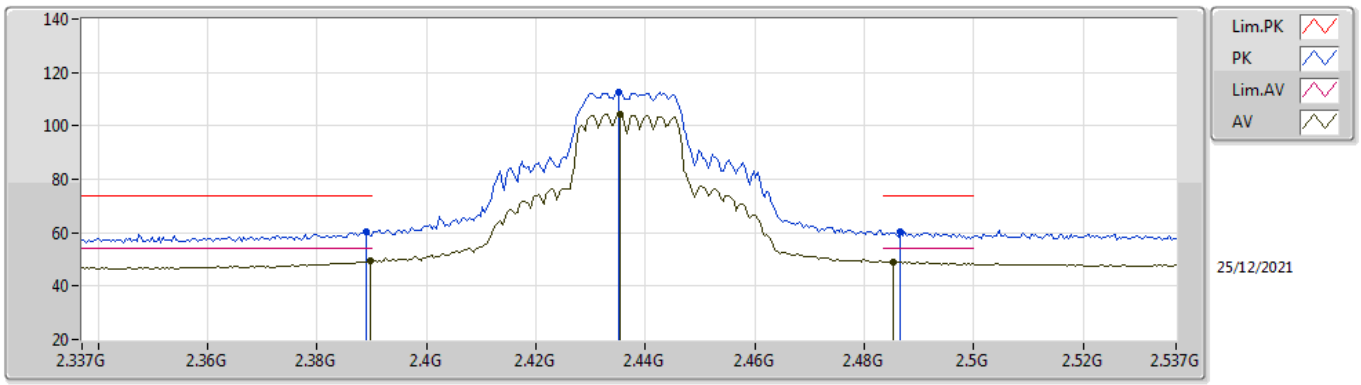
2437MHz_TX



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	48.24	54.00	-5.76	31.75	3	Vertical	304	1.51	-	16.49	27.38	4.37	-
AV	2.433G	99.18	Inf	-Inf	31.96	3	Vertical	304	1.51	-	67.22	27.53	4.43	-
AV	2.4874G	48.34	54.00	-5.66	32.33	3	Vertical	304	1.51	-	16.01	27.82	4.51	-
PK	2.3862G	60.00	74.00	-14.00	31.74	3	Vertical	304	1.51	-	28.26	27.37	4.37	-
PK	2.4334G	109.33	Inf	-Inf	31.96	3	Vertical	304	1.51	-	77.37	27.53	4.43	-
PK	2.4898G	60.30	74.00	-13.70	32.35	3	Vertical	304	1.51	-	27.95	27.84	4.51	-

802.11n HT20_Nss1,(MCS0)_2TX

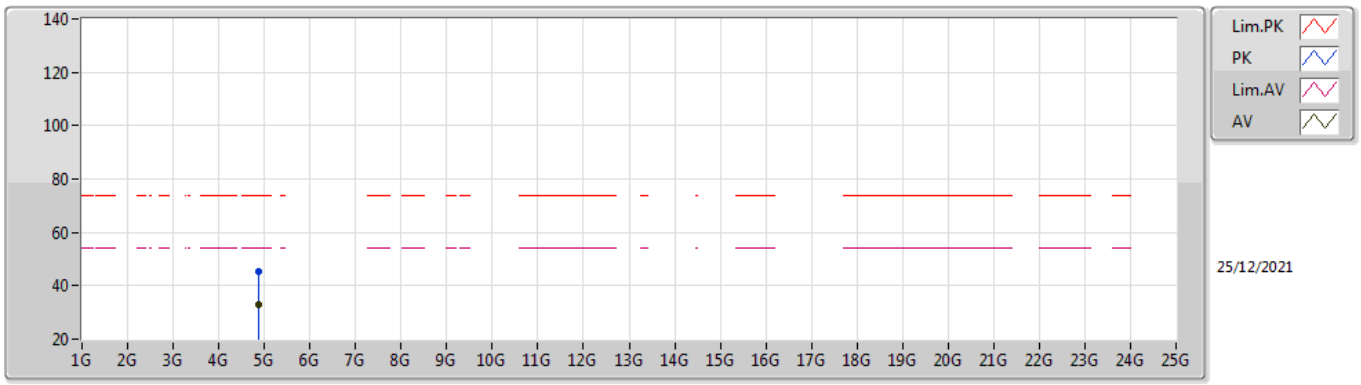
2437MHz_TX



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	49.40	54.00	-4.60	31.75	3	Horizontal	32	1.55	-	17.65	27.38	4.37	-
AV	2.4354G	104.26	Inf	-Inf	31.97	3	Horizontal	32	1.55	-	72.29	27.54	4.43	-
AV	2.4854G	49.20	54.00	-4.80	32.31	3	Horizontal	32	1.55	-	16.89	27.81	4.50	-
PK	2.389G	60.34	74.00	-13.66	31.75	3	Horizontal	32	1.55	-	28.59	27.38	4.37	-
PK	2.435G	112.69	Inf	-Inf	31.97	3	Horizontal	32	1.55	-	80.72	27.54	4.43	-
PK	2.4866G	60.18	74.00	-13.82	32.33	3	Horizontal	32	1.55	-	27.85	27.82	4.51	-

802.11n HT20_Nss1,(MCS0)_2TX

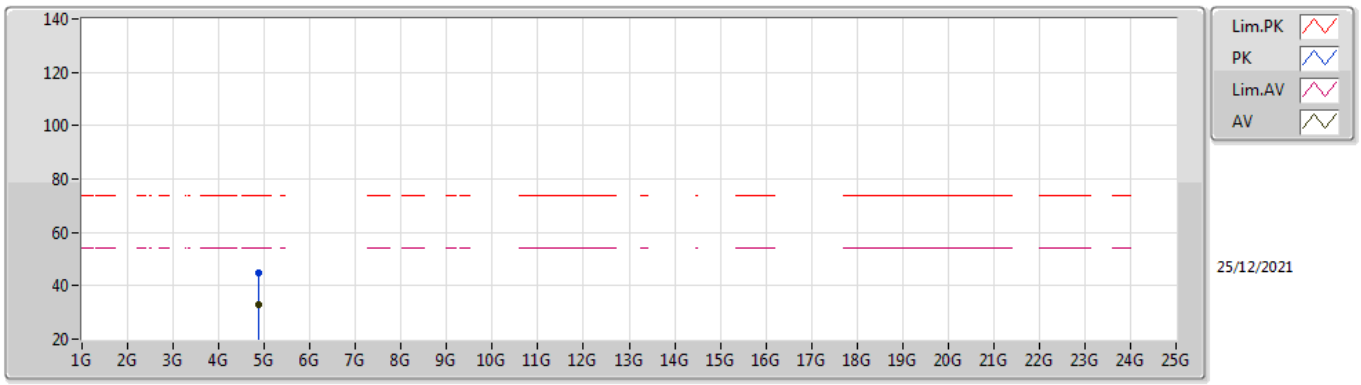
2437MHz_TX



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	4.8653G	33.01	54.00	-20.99	4.59	3	Vertical	105	2.41	-	28.42	32.73	6.30	34.44
PK	4.88882G	45.10	74.00	-28.90	4.65	3	Vertical	105	2.41	-	40.45	32.78	6.31	34.44

802.11n HT20_Nss1,(MCS0)_2TX

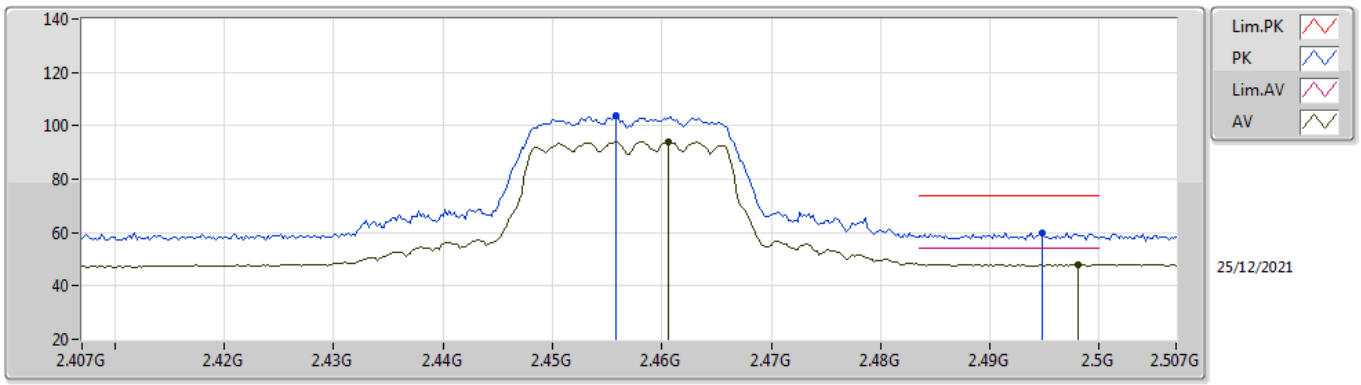
2437MHz_TX



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	4.86938G	32.89	54.00	-21.11	4.60	3	Horizontal	291	1.17	-	28.29	32.74	6.30	34.44
PK	4.86332G	44.89	74.00	-29.11	4.59	3	Horizontal	291	1.17	-	40.30	32.73	6.30	34.44

802.11n HT20_Nss1,(MCS0)_2TX

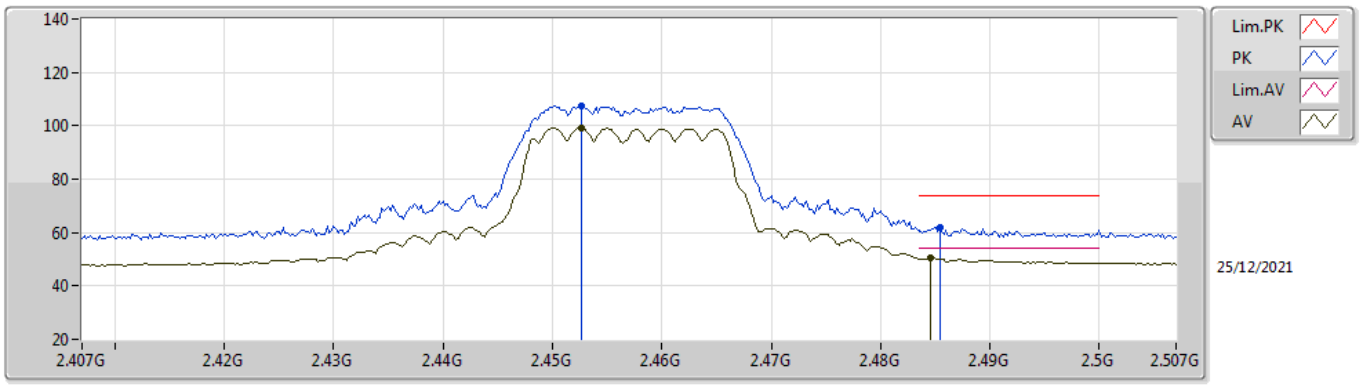
2457MHz_TX



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	2.4606G	93.90	Inf	-Inf	32.13	3	Vertical	287	1.19	-	61.77	27.66	4.47	-
AV	2.498G	48.16	54.00	-5.84	32.41	3	Vertical	287	1.19	-	15.75	27.89	4.52	-
PK	2.4558G	103.67	Inf	-Inf	32.09	3	Vertical	287	1.19	-	71.58	27.63	4.46	-
PK	2.4948G	59.92	74.00	-14.08	32.39	3	Vertical	287	1.19	-	27.53	27.87	4.52	-

802.11n HT20_Nss1,(MCS0)_2TX

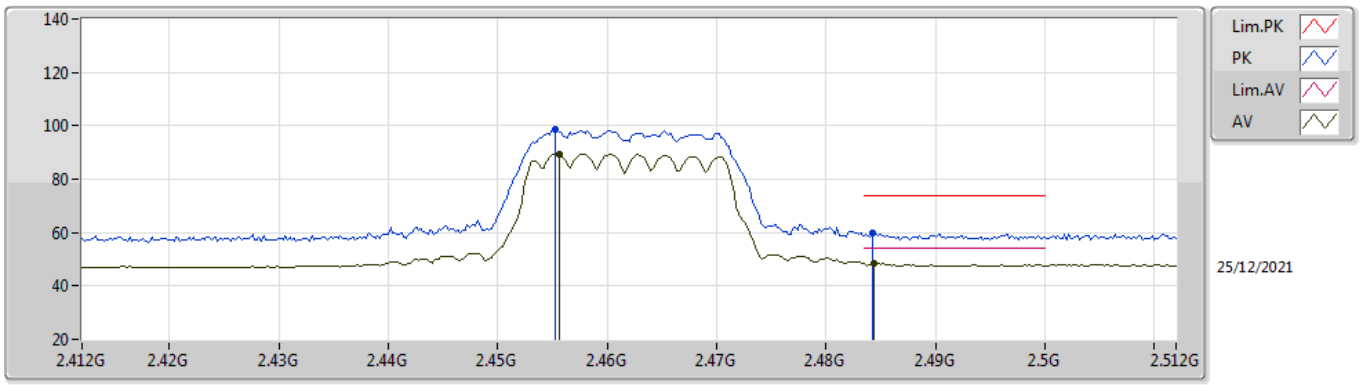
2457MHz_TX



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	2.4526G	99.16	Inf	-Inf	32.08	3	Horizontal	46	1.49	-	67.08	27.62	4.46	-
AV	2.4846G	50.54	54.00	-3.46	32.31	3	Horizontal	46	1.49	-	18.23	27.81	4.50	-
PK	2.4526G	107.33	Inf	-Inf	32.08	3	Horizontal	46	1.49	-	75.25	27.62	4.46	-
PK	2.4854G	61.95	74.00	-12.05	32.31	3	Horizontal	46	1.49	-	29.64	27.81	4.50	-

802.11n HT20_Nss1,(MCS0)_2TX

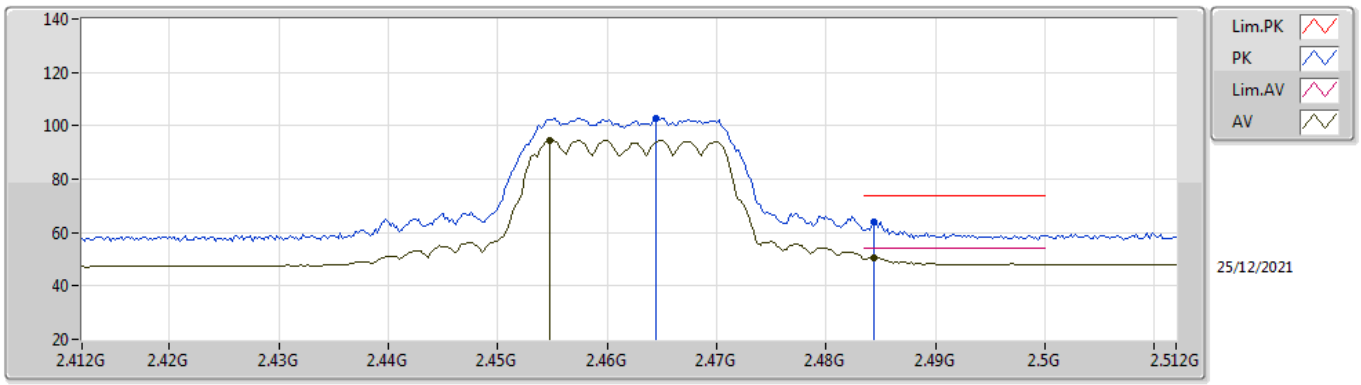
2462MHz_TX



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	2.4556G	89.52	Inf	-Inf	32.09	3	Vertical	307	2.64	-	57.43	27.63	4.46	-
AV	2.4844G	48.33	54.00	-5.67	32.31	3	Vertical	307	2.64	-	16.02	27.81	4.50	-
PK	2.4552G	98.38	Inf	-Inf	32.09	3	Vertical	307	2.64	-	66.29	27.63	4.46	-
PK	2.4842G	59.68	74.00	-14.32	32.31	3	Vertical	307	2.64	-	27.37	27.81	4.50	-

802.11n HT20_Nss1,(MCS0)_2TX

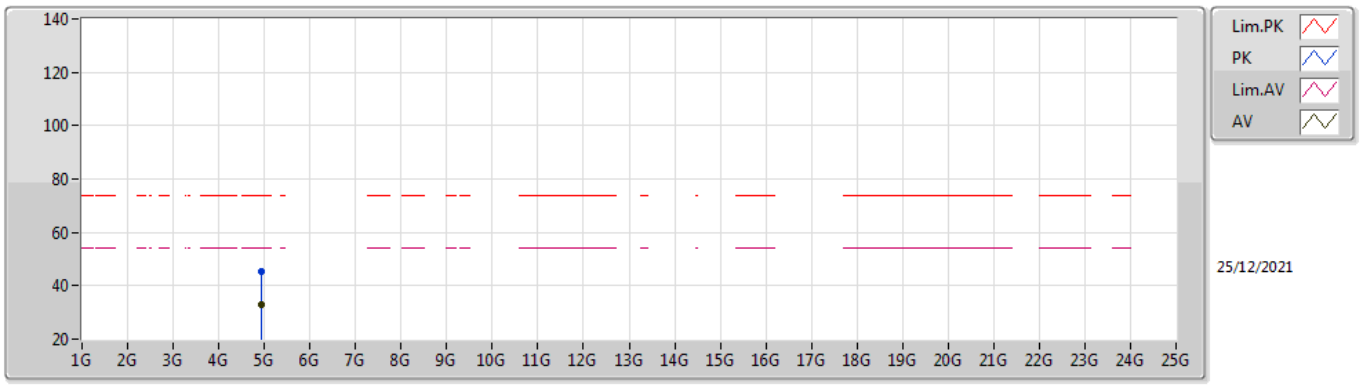
2462MHz_TX



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	2.4548G	94.25	Inf	-Inf	32.09	3	Horizontal	58	1.34	-	62.16	27.63	4.46	-
AV	2.4844G	50.54	54.00	-3.46	32.31	3	Horizontal	58	1.34	-	18.23	27.81	4.50	-
PK	2.4644G	102.86	Inf	-Inf	32.16	3	Horizontal	58	1.34	-	70.70	27.69	4.47	-
PK	2.4844G	63.93	74.00	-10.07	32.31	3	Horizontal	58	1.34	-	31.62	27.81	4.50	-

802.11n HT20_Nss1,(MCS0)_2TX

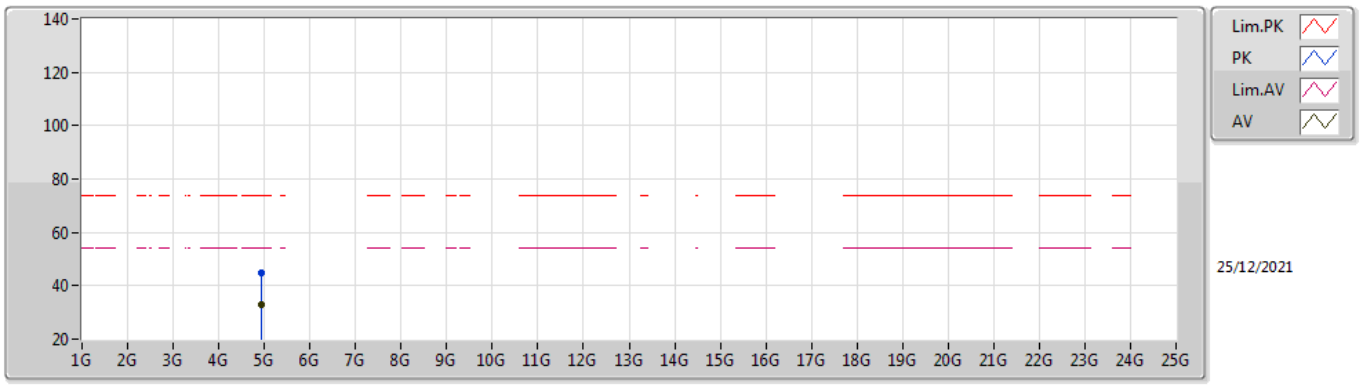
2462MHz_TX



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	4.92442G	32.97	54.00	-21.03	4.84	3	Vertical	110	1.22	-	28.13	32.95	6.33	34.44
PK	4.9276G	45.28	74.00	-28.72	4.87	3	Vertical	110	1.22	-	40.41	32.97	6.34	34.44

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	4.92706G	33.02	54.00	-20.98	4.86	3	Horizontal	85	1.21	-	28.16	32.96	6.34	34.44
PK	4.9312G	45.04	74.00	-28.96	4.89	3	Horizontal	85	1.21	-	40.15	32.99	6.34	34.44