FCC Test Report

FCC ID	:	**Z8H89FT0071**
Equipment	:	**e410 Indoor Wi-Fi access point, 802.11ac wave 2, 2x2**
Brand Name	:	**Cambium Networks**
Model Name	:	**e410YYYYYYY(Y can be 0-9, a-z, A-Z, blank, "+" or "-" or "#")**
Applicant	:	**Cambium Networks Inc. 3800 Golf Road, Suite 360 Rolling Meadows, IL 60008, USA**
Manufacturer	:	**Cambium Networks Ltd. Unit B2 Linhay Business Park Eastern Rd Ashburton, Devon TQ13 7UP United Kingdom**
Standard	:	**47 CFR FCC Part 15.247**

The product was received on Jan. 04, 2021, and testing was started from Jan. 08, 2021 and completed on Feb. 11, 2021. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications 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. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Approved by: Allen Lin

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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

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History of this test report

Report No.	Version	Description	Issued Date
FR0D3123AC	01	Initial issue of report	Feb. 26, 2021

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: Amber Chiu

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]
2400-2483.5	n (HT40)	2422-2452	3-9 [7]

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
2.4-2.4835GHz	802.11n HT40	40	2TX

Note:
- 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	LYNwave	MLX20M222AA0A	embedded antenna	I-PEX
2	LYNwave	MLX20M222AA0A	embedded antenna	I-PEX

Ant.	Port	Gain (dBi)	
		2.4G	5G
1	1	4.5	5.7
2	2	4.5	5.7

Note 1: The EUT has two antennas.

For 2.4GHz function:

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

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

For 5GHz function:

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

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

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From PoE			
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	0.994	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g_Nss1,(6Mbps)_2TX	0.96	0.18	2.067m	1k
802.11n HT20_Nss1,(MCS0)_2TX	0.983	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11n HT40_Nss1,(MCS0)_2TX	0.967	0.15	2.43m	1k

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

1.1.5 Table for Multiple Listing

The model names in the following table are all refer to the identical product.

Model Name	Description
e410YYYYYYY(Y can be 0-9, a-z, A-Z, blank, “+” or “-” or “#”)	All the models are identical, the difference model for as marketing strategy.

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

Testing Location			
☒	HWA YA	ADD : No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)	
		TEL : 886-3-327-3456	FAX : 886-3-327-0973
Test site Designation No. TW1190 with FCC.			
☐	JHUBEI	ADD : No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County, Taiwan (R.O.C.)	
		TEL : 886-3-656-9065	FAX : 886-3-656-9085
Test site Designation No. TW0006 with FCC.			
☐	Wen Shan	ADD : No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)	
		TEL : 886-3-318-0787	FAX : 886-3-318-0287
Test site Designation No. TW1097 with FCC.			

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CON04-HY	Edward Wang	20.8~21.3°C / 54~58%	02/Feb/2021
RF Conducted	TH01-HY	Vivi Jiang	20.1~26.9°C / 50~60%	08/Jan/2021~ 10/Feb/2021
Radiated	03CH03-HY	Billy Wang	15.2~21.6°C / 45~60%	10/Jan/2021~ 11/Feb/2021

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 Condition

RF Conducted	Abbreviation	Remark
TnomVnom	Tnom	20°C
-	Vnom	120V

2.2 Test Channel Mode

Test Software Version	QCARCT 3.0.265.0

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	23
2437MHz	23
2462MHz	23
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	17.5
2417MHz	20
2437MHz	22.5
2457MHz	20
2462MHz	17.5
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	17.5
2417MHz	21.5
2437MHz	22.5
2457MHz	20
2462MHz	17.5
802.11n HT40_Nss1,(MCS0)_2TX	-
2422MHz	17
2427MHz	18
2437MHz	20
2447MHz	18
2452MHz	17.5

2.3 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
Operating Mode	CTX
1	PoE mode

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	Normal
1	WLAN 2.4GHz+WLAN 5GHz
Refer to Sporton Test Report No.: FA0D3123 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.4 Support Equipment

Support Equipment – AC Conduction					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	PoE	Cambium	NET-P30-56IN	-	Note
2	RJ-45 cable	Power Sync	CAT-6E-10	-	-
3	RJ-45 cable	Power Sync	CAT-6E-01	-	-
4	Notebook (Remote)	ACER	JAL90	-	Note
5	Notebook (Remote)	Dell	E5540	-	-
6	Dongle (Remote)	Dual Band	USB Adapter	-	Note

Note: Support equipment No.1 & 4 & 6 was provided by customer.

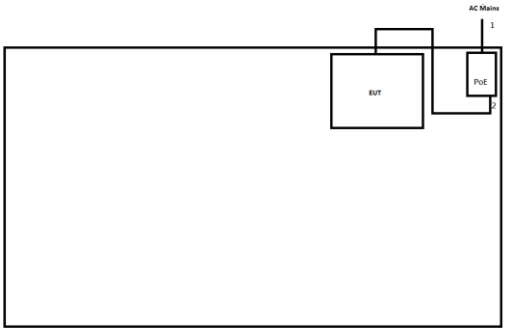
Support Equipment – Conducted					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-

Support Equipment – Radiated					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	PoE	Cambium	NET-P30-56IN	-	Note
2	RJ-45 cable	Power Sync	CAT-6E-10	-	-
3	RJ-45 cable	Power Sync	CAT-6E-01	-	-
4	Notebook (Remote)	ACER	JAL90	-	Note
5	Notebook (Remote)	Dell	E5540	-	-
6	Dongle (Remote)	Dual Band	USB Adapter	-	Note

Note: Support equipment No.1 & 4 & 6 was provided by customer.

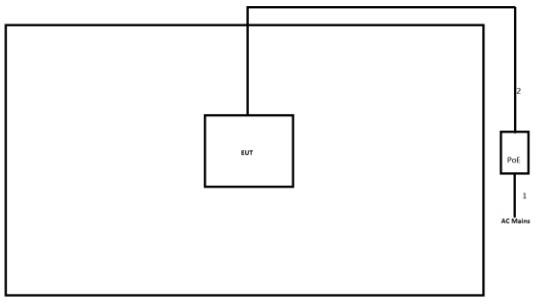
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



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

Test Setup Diagram - Radiated Test



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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

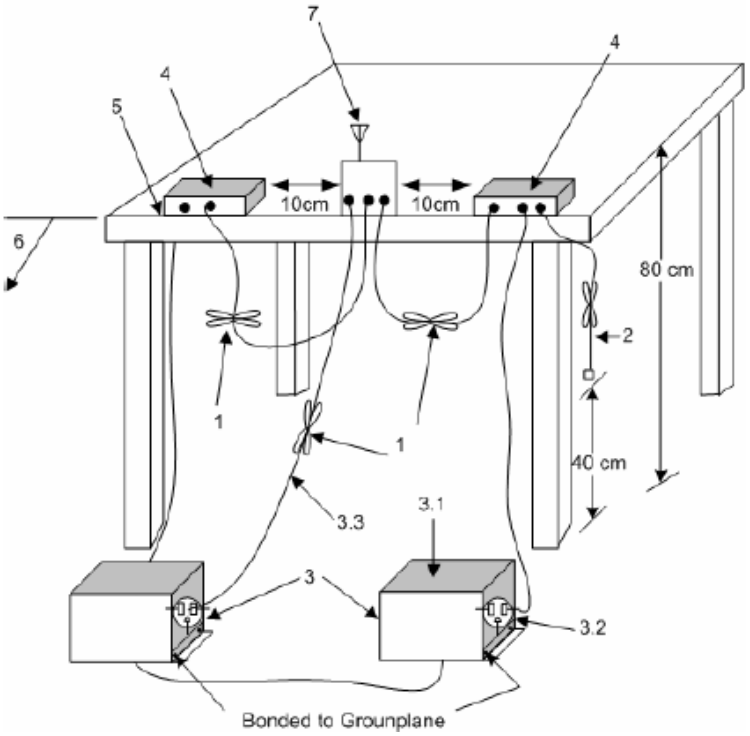
3.1.4 Measurement Results Calculation

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.

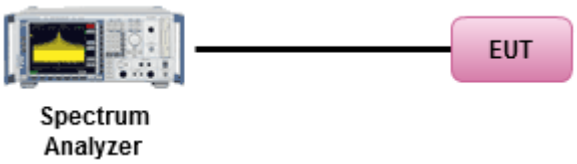
3.2.2 Measuring Instruments

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

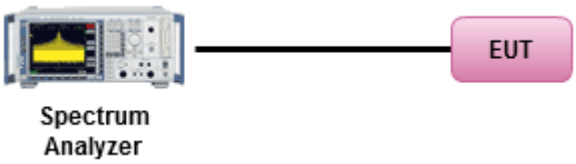
3.4.2 Measuring Instruments

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.	

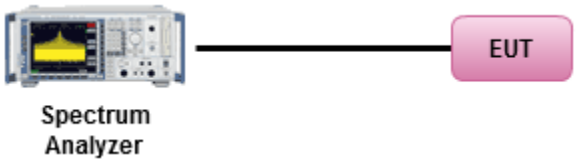
3.5.2 Measuring Instruments

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

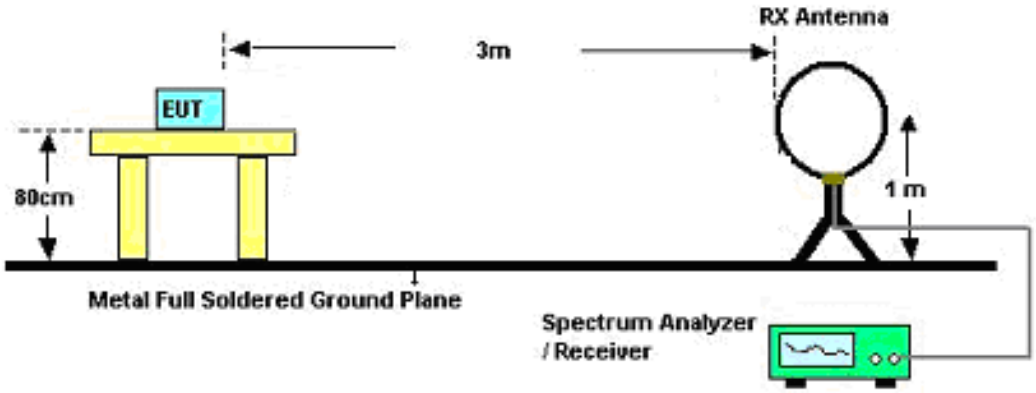
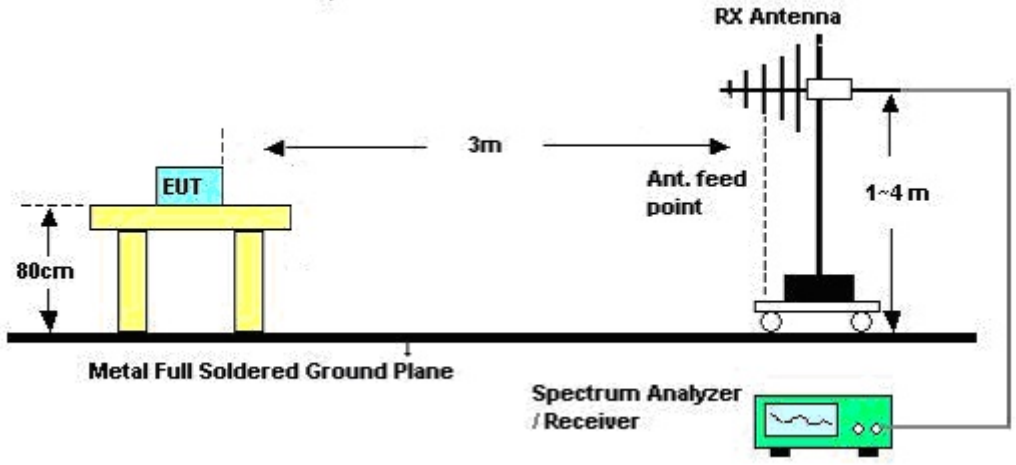
Test Method		
▪	The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].	
▪	Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
▪	For the transmitter unwanted 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

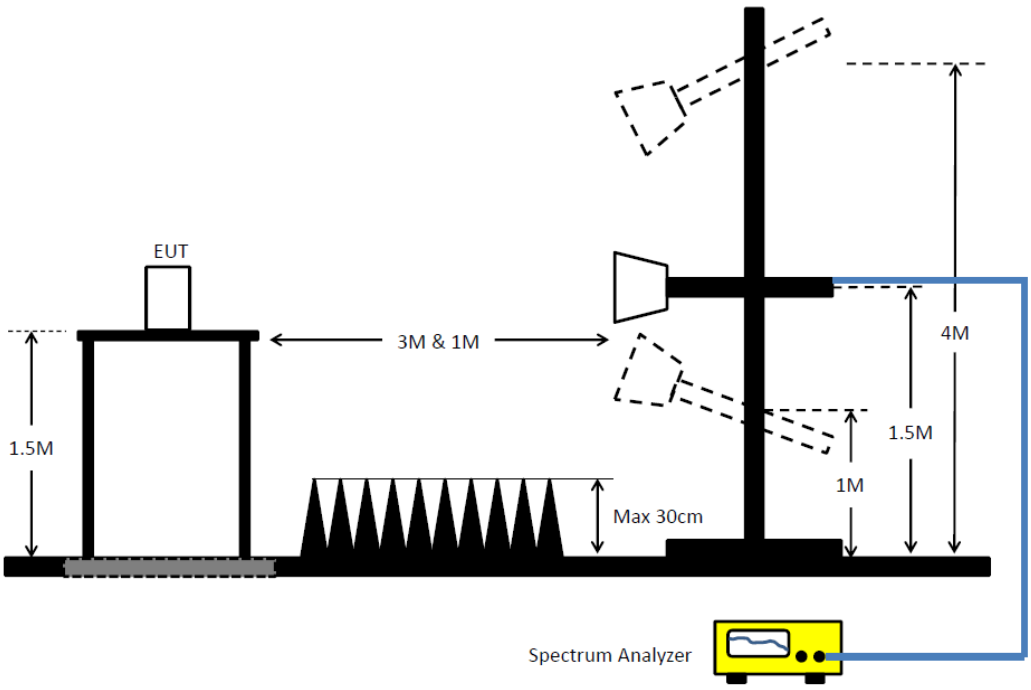
The measured Level is calculated using:

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 Name	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR3	102051	9kHz ~ 3.6GHz	29/May/2020	28/May/2021
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	11/Nov/2020	10/Nov/2021
RF Cable-CON	MTJ	RG142	CB002-CO	9kHz ~ 200MHz	31/Aug/2020	30/Aug/2021
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	21/Sep/2020	20/Sep/2021

Instrument for Conducted Test

Instrument	Manufacturer / Brand Name	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101013	10Hz~40GHz	19/Mar/2020	18/Mar/2021
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	20/Oct/2020	19/Oct/2021
Pulse Sensor	Anritsu	MA2411B	917017	300MHz~40GHz	17/Feb/2020	16/Feb/2021
Power Meter	Anritsu	ML2495A	949003	300MHz~40GHz	17/Feb/2020	16/Feb/2021

Instrument for Radiated Test

Instrument	Manufacturer / Brand Name	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz 3m	06/Aug/2020	05/Aug/2021
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	04/Aug/2020	03/Aug/2021
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	19/Aug/2020	18/Aug/2021
Amplifier	HP	8447D	2944A08033	10kHz~1.3GHz	14/Apr/2020	13/Apr/2021
Microwave System Preamplifier	KEYSIGHT	83017A	MY53270196	1GHz~26.5GHz	06/Oct/2020	05/Oct/2021
Bilog Antenna & 6dB Attenuator	SCHAFFNER / EMCI	CBL6112B / N-6-05	22237 / AT-N-0603	30MHz~1GHz	25/Oct/2020	24/Oct/2021
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz~18GHz	26/Mar/2020	25/Mar/2021
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz~30MHz	19/Jun/2020	18/Jun/2021
RF Cable-R03m	Jye Bao	RG142	CB021	30MHz~1GHz	18/Mar/2020	17/Mar/2021
RF CABLE 5+6m	HUBER+SUHNER	SUOFLEX 104	SN MY38596/4+SN 804300/4	1GHz~40GHz	04/Aug/2020	03/Aug/2021
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	13/Mar/2020	12/Mar/2021
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz~40GHz	10/Mar/2020	09/Mar/2021
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2020	15/Mar/2021
EMI Test Receiver	R&S	ESR3	102051	9kHz~3.6GHz	29/May/2020	28/May/2021

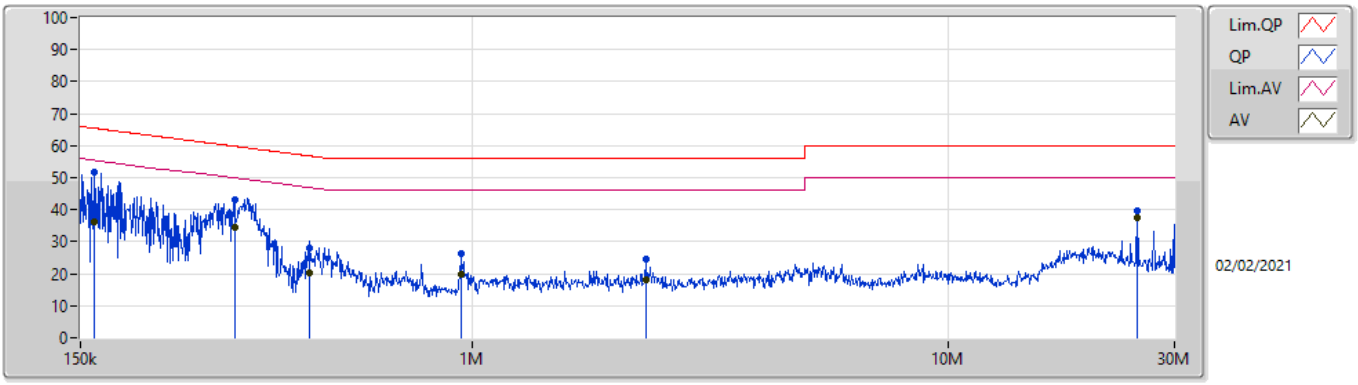
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	337.314k	38.01	49.27	-11.26	Neutral

Mode Configure

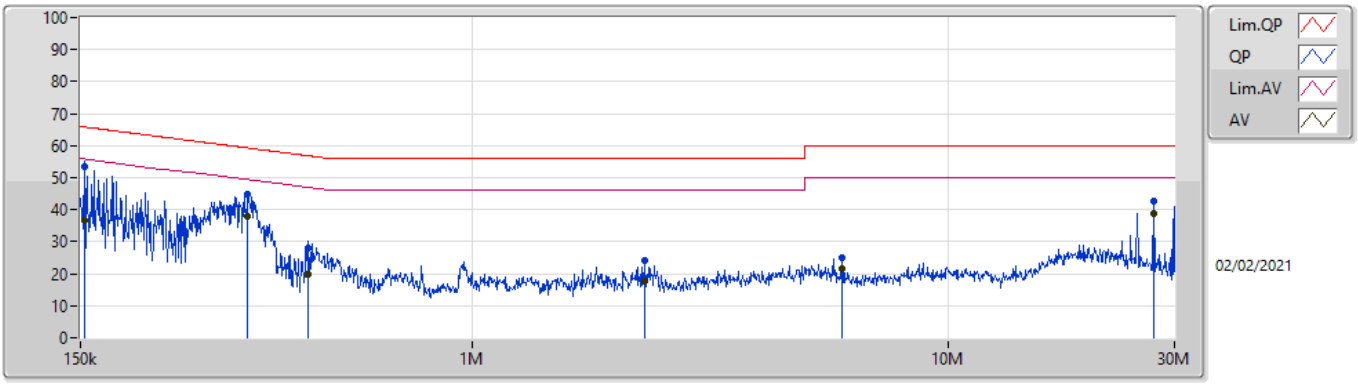
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	159.893k	51.85	65.46	-13.61	Line	-
Mode 1	Pass	AV	159.893k	36.42	55.46	-19.04	Line	-
Mode 1	Pass	QP	316.443k	43.01	59.80	-16.79	Line	-
Mode 1	Pass	AV	316.443k	34.27	49.80	-15.53	Line	-
Mode 1	Pass	QP	453.242k	28.06	56.82	-28.76	Line	-
Mode 1	Pass	AV	453.242k	20.22	46.82	-26.60	Line	-
Mode 1	Pass	QP	948.564k	26.32	56.00	-29.68	Line	-
Mode 1	Pass	AV	948.564k	19.98	46.00	-26.02	Line	-
Mode 1	Pass	QP	2.32M	24.42	56.00	-31.58	Line	-
Mode 1	Pass	AV	2.32M	18.08	46.00	-27.92	Line	-
Mode 1	Pass	QP	25.044M	39.53	60.00	-20.47	Line	-
Mode 1	Pass	AV	25.044M	37.65	50.00	-12.35	Line	-
Mode 1	Pass	QP	153.024k	53.25	65.83	-12.58	Neutral	-
Mode 1	Pass	AV	153.024k	36.68	55.83	-19.15	Neutral	-
Mode 1	Pass	QP	337.314k	44.91	59.27	-14.36	Neutral	-
Mode 1	Pass	AV	337.314k	38.01	49.27	-11.26	Neutral	-
Mode 1	Pass	QP	451.436k	27.94	56.84	-28.90	Neutral	-
Mode 1	Pass	AV	451.436k	19.99	46.84	-26.85	Neutral	-
Mode 1	Pass	QP	2.301M	23.95	56.00	-32.05	Neutral	-
Mode 1	Pass	AV	2.301M	17.72	46.00	-28.28	Neutral	-
Mode 1	Pass	QP	5.998M	24.97	60.00	-35.03	Neutral	-
Mode 1	Pass	AV	5.998M	21.34	50.00	-28.66	Neutral	-
Mode 1	Pass	QP	27.126M	42.79	60.00	-17.21	Neutral	-
Mode 1	Pass	AV	27.126M	38.71	50.00	-11.29	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	159.893k	51.85	65.46	-13.61	19.60	Line	-	32.25	9.69	0.01	9.90
AV	159.893k	36.42	55.46	-19.04	19.60	Line	-	16.82	9.69	0.01	9.90
QP	316.443k	43.01	59.80	-16.79	19.59	Line	-	23.42	9.67	0.02	9.90
AV	316.443k	34.27	49.80	-15.53	19.59	Line	-	14.68	9.67	0.02	9.90
QP	453.242k	28.06	56.82	-28.76	19.58	Line	-	8.48	9.67	0.02	9.89
AV	453.242k	20.22	46.82	-26.60	19.58	Line	-	0.64	9.67	0.02	9.89
QP	948.564k	26.32	56.00	-29.68	19.53	Line	-	6.79	9.67	0.05	9.81
AV	948.564k	19.98	46.00	-26.02	19.53	Line	-	0.45	9.67	0.05	9.81
QP	2.32M	24.42	56.00	-31.58	19.59	Line	-	4.83	9.68	0.09	9.82
AV	2.32M	18.08	46.00	-27.92	19.59	Line	-	-1.51	9.68	0.09	9.82
QP	25.044M	39.53	60.00	-20.47	19.84	Line	-	19.69	9.59	0.35	9.90
AV	25.044M	37.65	50.00	-12.35	19.84	Line	-	17.81	9.59	0.35	9.90

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	153.024k	53.25	65.83	-12.58	19.60	Neutral	-	33.65	9.69	0.01	9.90
AV	153.024k	36.68	55.83	-19.15	19.60	Neutral	-	17.08	9.69	0.01	9.90
QP	337.314k	44.91	59.27	-14.36	19.59	Neutral	-	25.32	9.67	0.02	9.90
AV	337.314k	38.01	49.27	-11.26	19.59	Neutral	-	18.42	9.67	0.02	9.90
QP	451.436k	27.94	56.84	-28.90	19.58	Neutral	-	8.36	9.67	0.02	9.89
AV	451.436k	19.99	46.84	-26.85	19.58	Neutral	-	0.41	9.67	0.02	9.89
QP	2.301M	23.95	56.00	-32.05	19.59	Neutral	-	4.36	9.68	0.09	9.82
AV	2.301M	17.72	46.00	-28.28	19.59	Neutral	-	-1.87	9.68	0.09	9.82
QP	5.998M	24.97	60.00	-35.03	19.77	Neutral	-	5.20	9.71	0.16	9.90
AV	5.998M	21.34	50.00	-28.66	19.77	Neutral	-	1.57	9.71	0.16	9.90
QP	27.126M	42.79	60.00	-17.21	19.97	Neutral	-	22.82	9.71	0.36	9.90
AV	27.126M	38.71	50.00	-11.29	19.97	Neutral	-	18.74	9.71	0.36	9.90

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	8.525M	13.068M	13M1G1D	7.075M	12.969M
802.11g_Nss1,(6Mbps)_2TX	16.325M	16.967M	17M0D1D	16.3M	16.642M
802.11n HT20_Nss1,(MCS0)_2TX	17.575M	18.141M	18M1D1D	17.55M	17.841M
802.11n HT40_Nss1,(MCS0)_2TX	36.3M	36.682M	36M7D1D	35.9M	36.532M

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

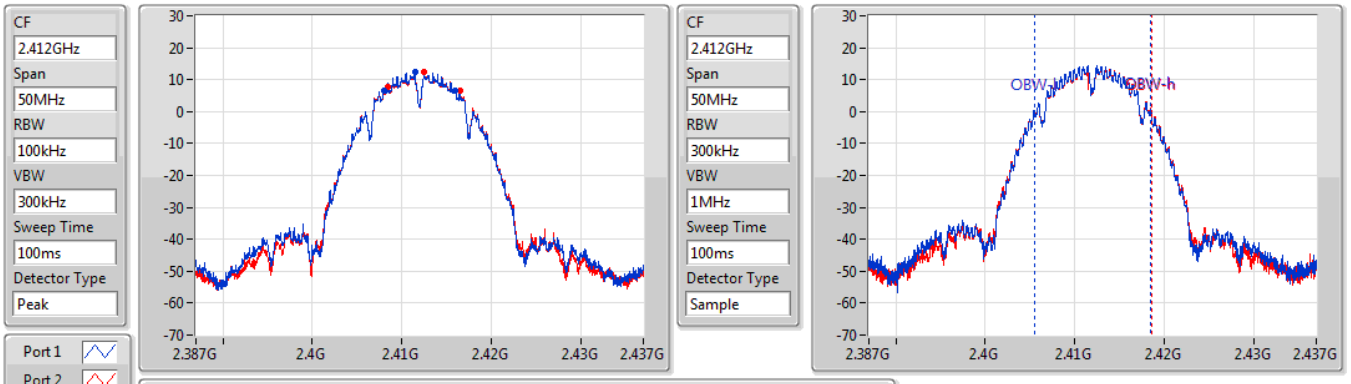
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	8.025M	12.969M	8.075M	13.068M
2437MHz_TnomVnom	Pass	500k	8.025M	12.994M	8.525M	13.043M
2462MHz_TnomVnom	Pass	500k	8.525M	13.018M	7.075M	12.994M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	16.325M	16.642M	16.325M	16.692M
2437MHz_TnomVnom	Pass	500k	16.325M	16.817M	16.3M	16.967M
2462MHz_TnomVnom	Pass	500k	16.325M	16.692M	16.325M	16.667M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	17.575M	17.866M	17.575M	17.866M
2437MHz_TnomVnom	Pass	500k	17.575M	18.041M	17.55M	18.141M
2462MHz_TnomVnom	Pass	500k	17.55M	17.941M	17.575M	17.841M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	500k	35.9M	36.582M	35.95M	36.632M
2437MHz_TnomVnom	Pass	500k	35.9M	36.532M	36.3M	36.682M
2452MHz_TnomVnom	Pass	500k	35.9M	36.532M	36.3M	36.532M

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

802.11b_Nss1,(1Mbps)_2TX EBW

2412MHz

15/01/2021

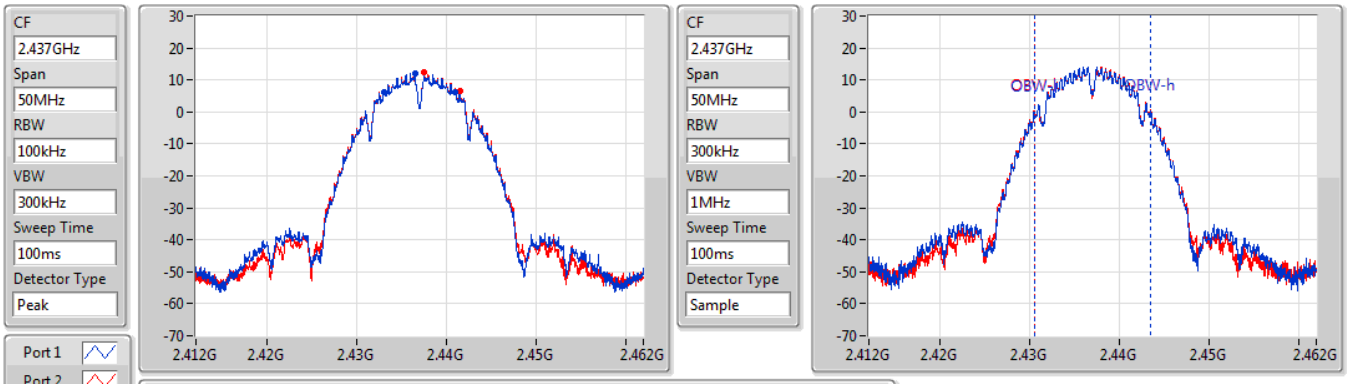


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.025M	2.407975G	2.416G	12.969M	2.405503G	2.418472G	500k	1
8.075M	2.408425G	2.4165G	13.068M	2.405478G	2.418547G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2437MHz

15/01/2021

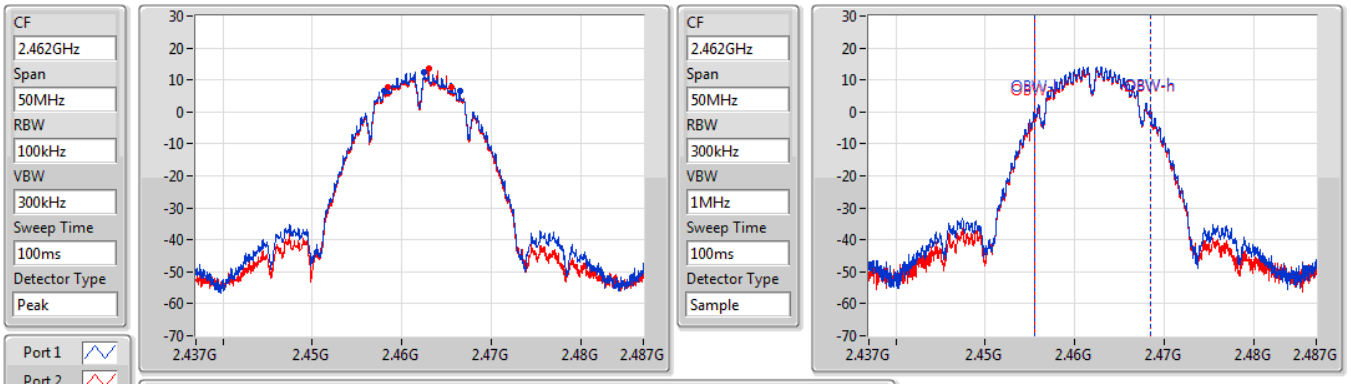


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.025M	2.432975G	2.441G	12.994M	2.430503G	2.443497G	500k	1
8.525M	2.432975G	2.4415G	13.043M	2.430478G	2.443522G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2462MHz

15/01/2021

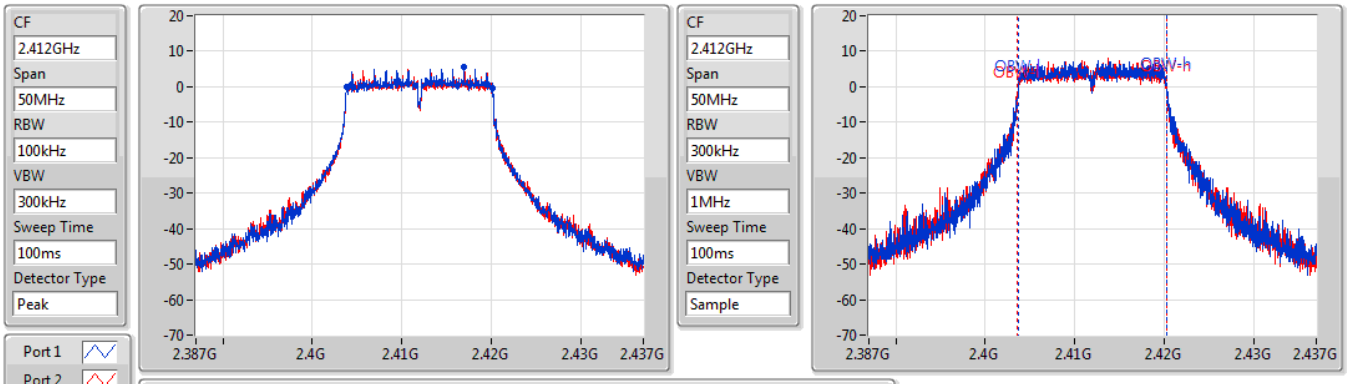


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.525M	2.457975G	2.4665G	13.018M	2.455503G	2.468522G	500k	1
7.075M	2.45845G	2.465525G	12.994M	2.455528G	2.468522G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2412MHz

15/01/2021

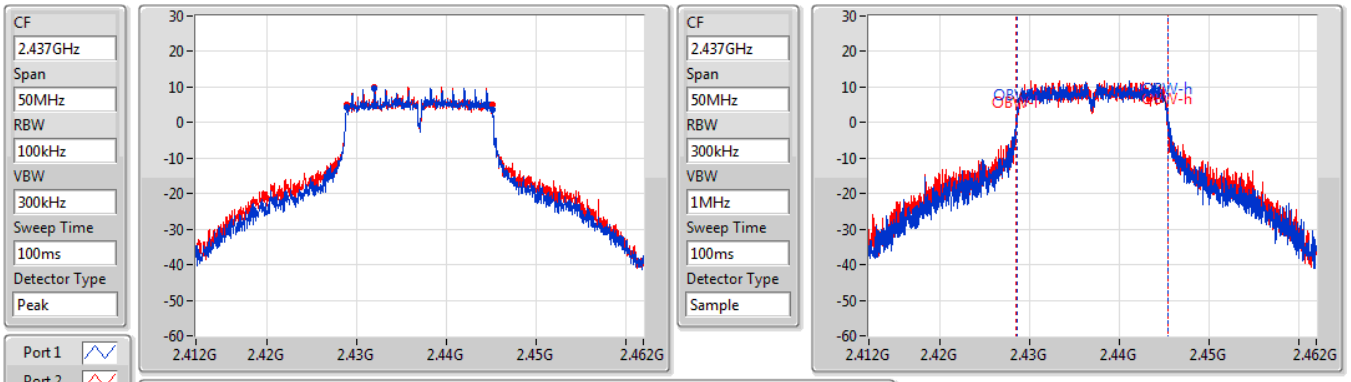


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.403825G	2.42015G	16.642M	2.403704G	2.420346G	500k	1
16.325M	2.403825G	2.42015G	16.692M	2.403629G	2.420321G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2437MHz

15/01/2021

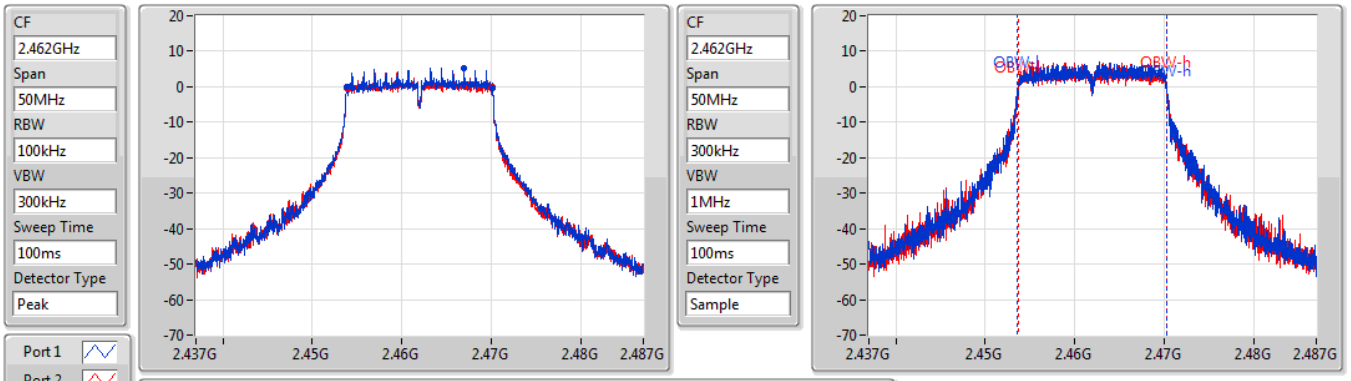


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.428825G	2.44515G	16.817M	2.428579G	2.445396G	500k	1
16.3M	2.428825G	2.445125G	16.967M	2.428454G	2.445421G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2462MHz

15/01/2021

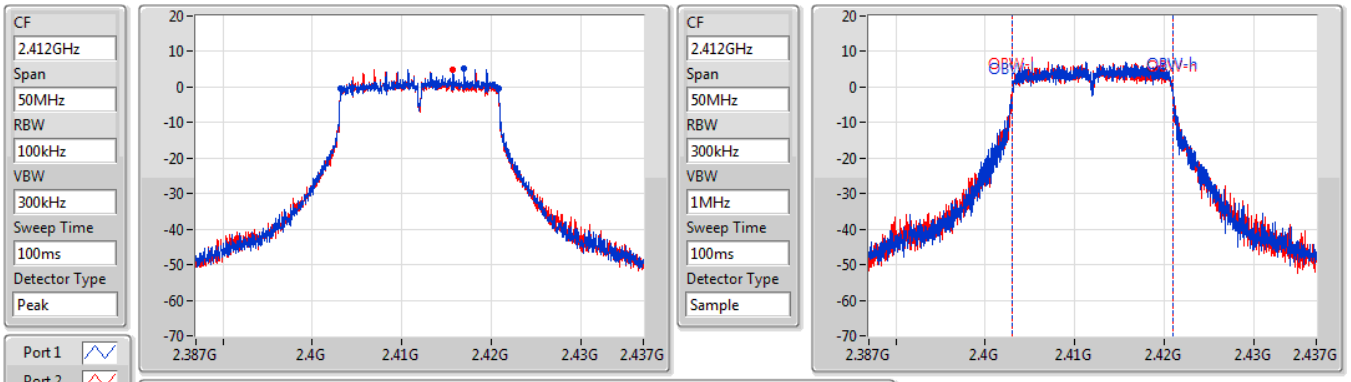


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.453825G	2.47015G	16.692M	2.453629G	2.470321G	500k	1
16.325M	2.453825G	2.47015G	16.667M	2.453654G	2.470321G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

2412MHz

15/01/2021

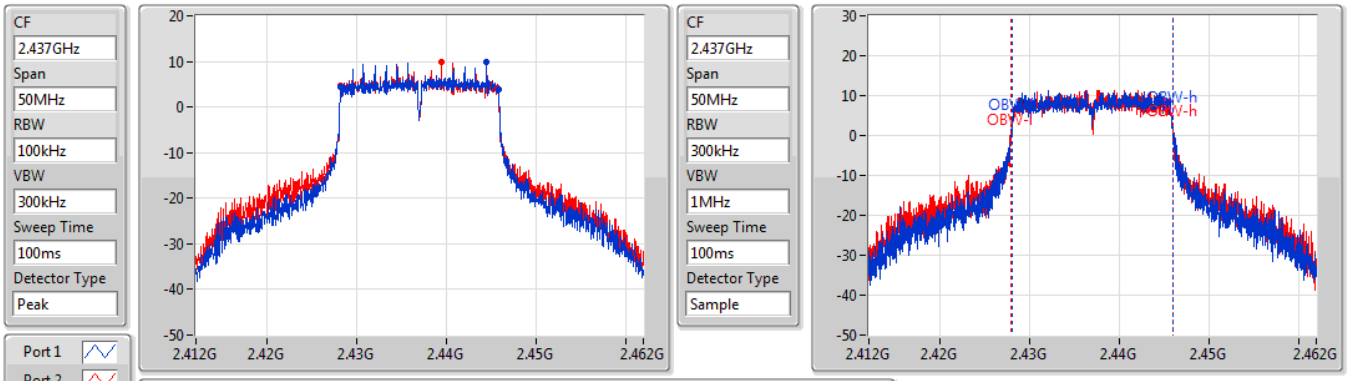


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.4032G	2.420775G	17.866M	2.403079G	2.420946G	500k	1
17.575M	2.4032G	2.420775G	17.866M	2.403054G	2.420921G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

2437MHz

15/01/2021

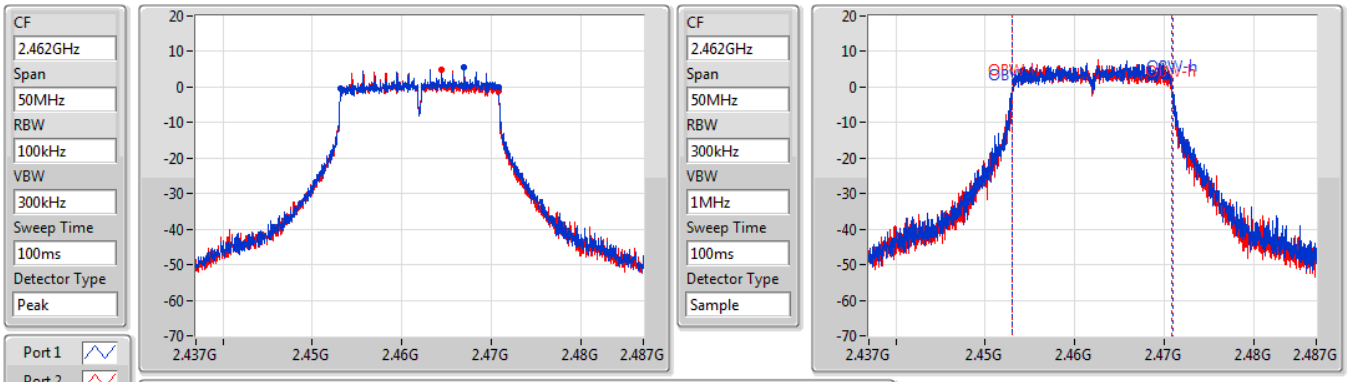


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.4282G	2.445775G	18.041M	2.427955G	2.445996G	500k	1
17.55M	2.4282G	2.44575G	18.141M	2.42788G	2.44602G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

2462MHz

15/01/2021

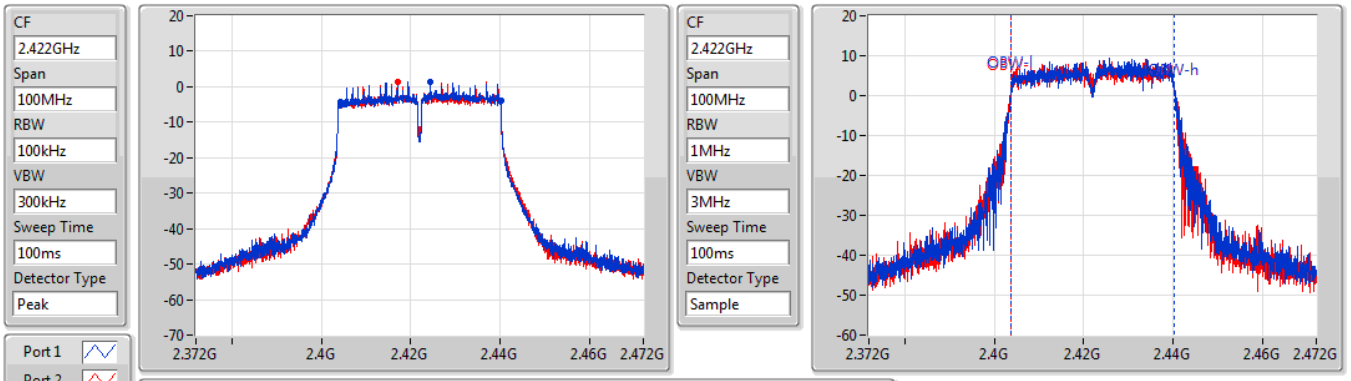


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	2.453225G	2.470775G	17.941M	2.453004G	2.470946G	500k	1
17.575M	2.4532G	2.470775G	17.841M	2.453054G	2.470896G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2422MHz

15/01/2021

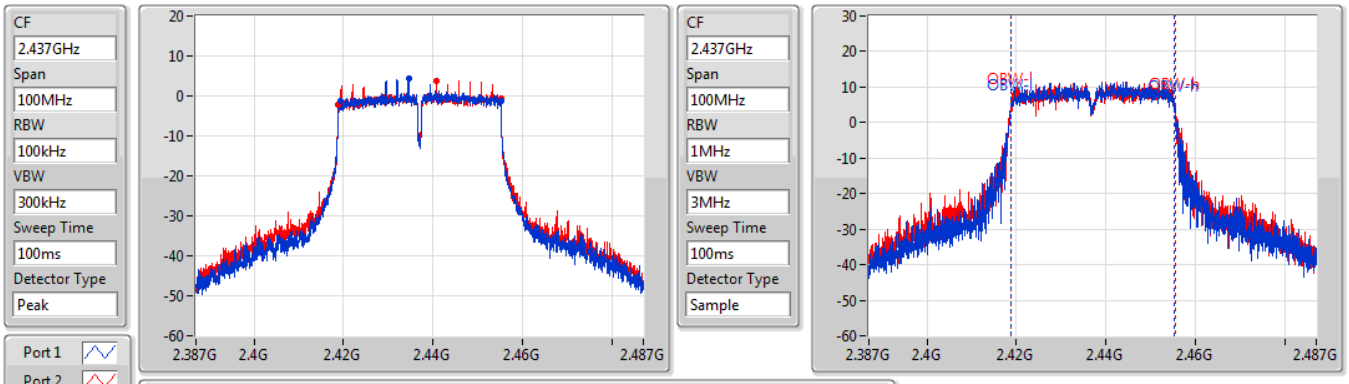


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.9M	2.40425G	2.44015G	36.582M	2.403759G	2.440341G	500k	1
35.95M	2.4042G	2.44015G	36.632M	2.403709G	2.440341G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2437MHz

15/01/2021

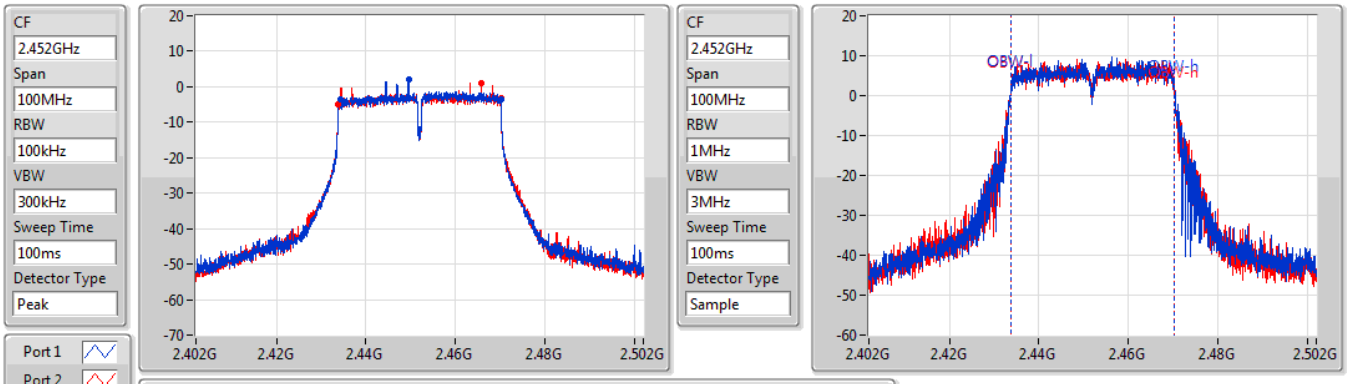


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.9M	2.41925G	2.45515G	36.532M	2.418759G	2.455291G	500k	1
36.3M	2.41885G	2.45515G	36.682M	2.418709G	2.455391G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2452MHz

15/01/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.9M	2.43425G	2.47015G	36.532M	2.433759G	2.470291G	500k	1
36.3M	2.43385G	2.47015G	36.532M	2.433759G	2.470291G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	25.69	0.37068
802.11g_Nss1,(6Mbps)_2TX	24.93	0.31117
802.11n HT20_Nss1,(MCS0)_2TX	25.21	0.33189
802.11n HT40_Nss1,(MCS0)_2TX	22.41	0.17418

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.50	22.74	22.39	25.58	30.00
2437MHz	Pass	4.50	22.69	22.66	25.69	30.00
2462MHz	Pass	4.50	22.71	22.29	25.52	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.50	17.66	17.48	20.58	30.00
2417MHz	Pass	4.50	20.14	19.92	23.04	30.00
2437MHz	Pass	4.50	21.90	21.93	24.93	30.00
2457MHz	Pass	4.50	19.60	19.57	22.60	30.00
2462MHz	Pass	4.50	17.55	17.22	20.40	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.50	17.88	17.71	20.81	30.00
2417MHz	Pass	4.50	21.65	21.55	24.61	30.00
2437MHz	Pass	4.50	22.16	22.23	25.21	30.00
2457MHz	Pass	4.50	20.03	19.79	22.92	30.00
2462MHz	Pass	4.50	17.76	17.48	20.63	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.50	16.96	16.80	19.89	30.00
2427MHz	Pass	4.50	17.88	17.57	20.74	30.00
2437MHz	Pass	4.50	19.39	19.41	22.41	30.00
2447MHz	Pass	4.50	17.52	17.55	20.55	30.00
2452MHz	Pass	4.50	17.31	16.90	20.12	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	-0.32
802.11g_Nss1,(6Mbps)_2TX	-4.13
802.11n HT20_Nss1,(MCS0)_2TX	-5.00
802.11n HT40_Nss1,(MCS0)_2TX	-9.23

RBW = 3kHz;

Result

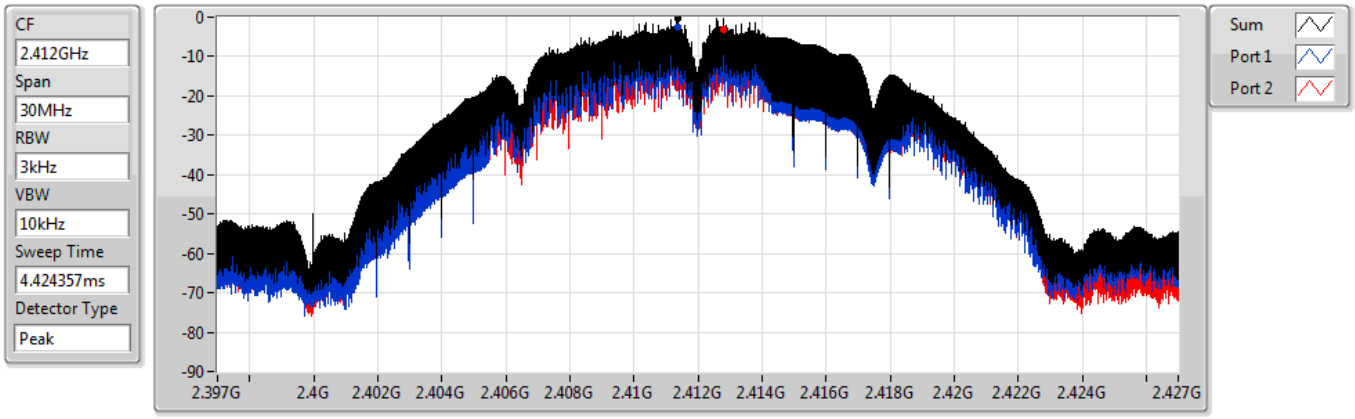
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.51	-2.39	-3.20	-0.32	6.49
2437MHz	Pass	7.51	-6.64	-6.36	-3.50	6.49
2462MHz	Pass	7.51	-6.31	-7.02	-3.67	6.49
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.51	-11.03	-11.19	-9.29	6.49
2437MHz	Pass	7.51	-6.53	-7.48	-4.13	6.49
2462MHz	Pass	7.51	-11.53	-12.37	-9.53	6.49
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.51	-11.53	-11.71	-9.33	6.49
2437MHz	Pass	7.51	-7.76	-7.22	-5.00	6.49
2462MHz	Pass	7.51	-10.01	-11.47	-9.12	6.49
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.51	-13.90	-13.86	-11.70	6.49
2437MHz	Pass	7.51	-10.92	-11.48	-9.23	6.49
2452MHz	Pass	7.51	-12.47	-13.59	-10.57	6.49

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

15/01/2021

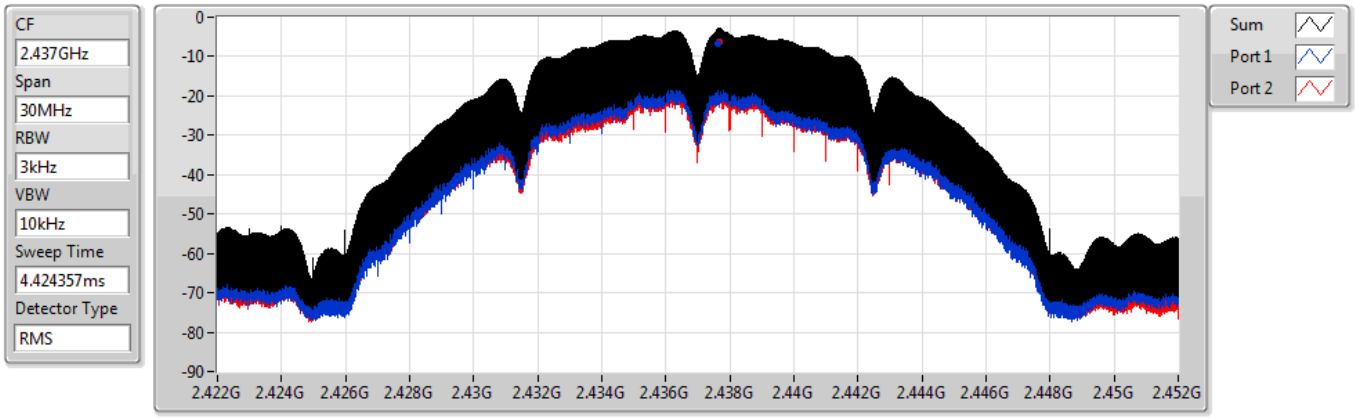


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.32	-0.32	-2.39	-3.20

802.11b_Nss1,(1Mbps)_2TX PSD

2437MHz

15/01/2021



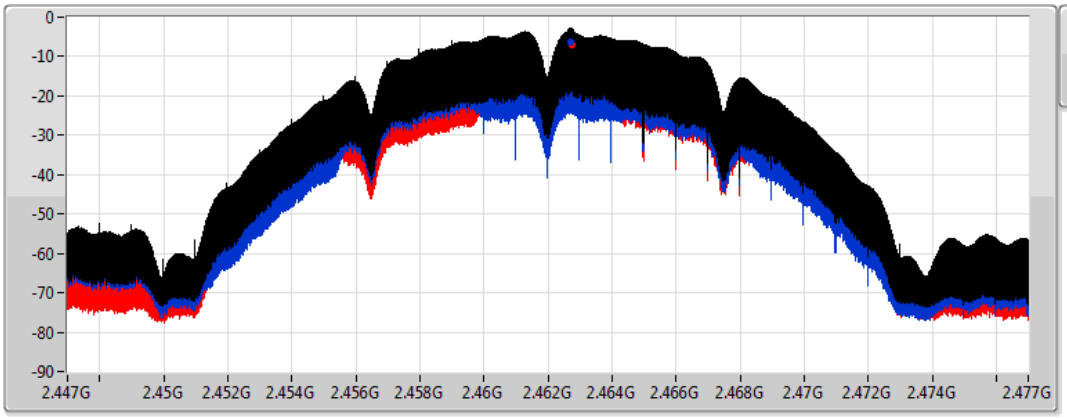
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.50	-3.50	-6.64	-6.36

802.11b_Nss1,(1Mbps)_2TX PSD

2462MHz

15/01/2021

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



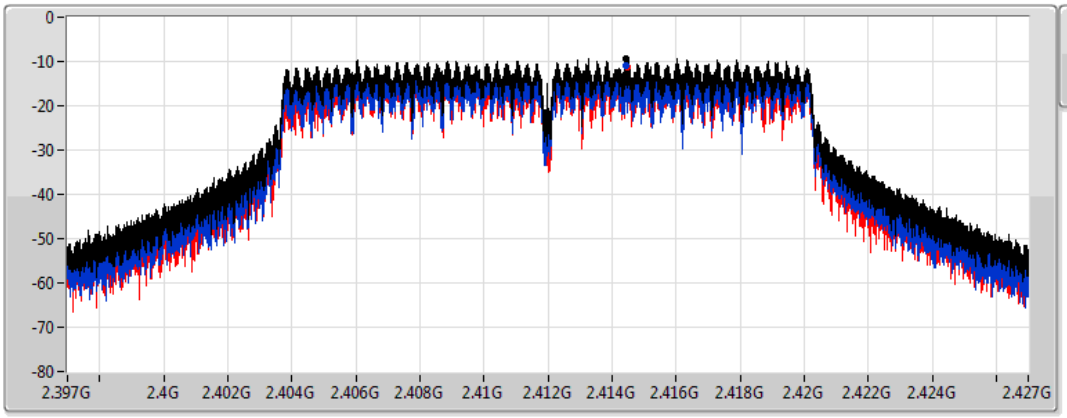
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.67	-3.67	-6.31	-7.02

802.11g_Nss1,(6Mbps)_2TX PSD

2412MHz

15/01/2021

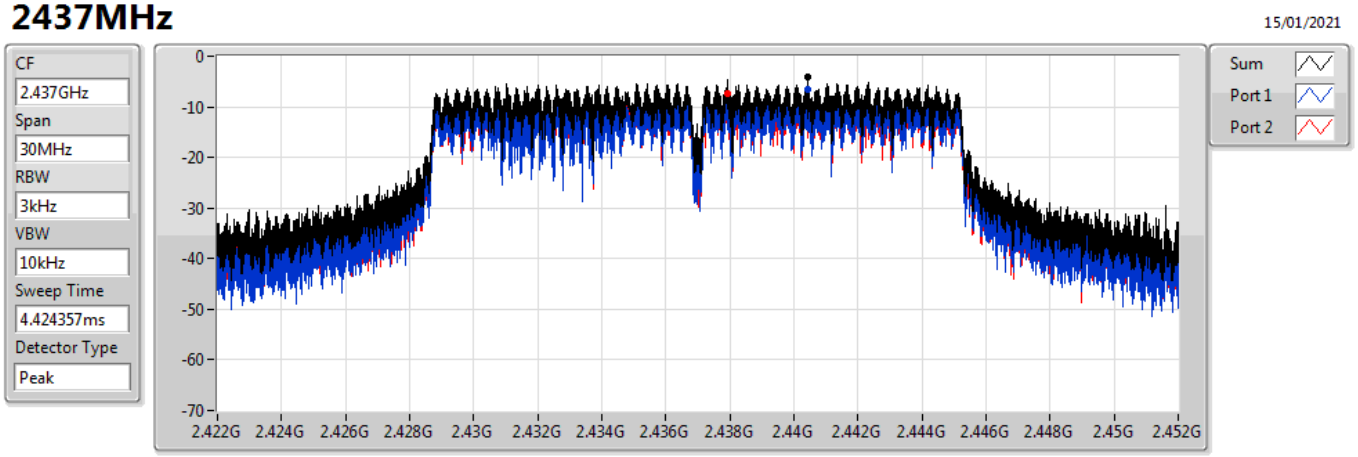
CF	2.412GHz
Span	30MHz
RBW	3kHz
VBW	10kHz
Sweep Time	4.424357ms
Detector Type	Peak



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.29	-9.29	-11.03	-11.19

802.11g_Nss1,(6Mbps)_2TX PSD

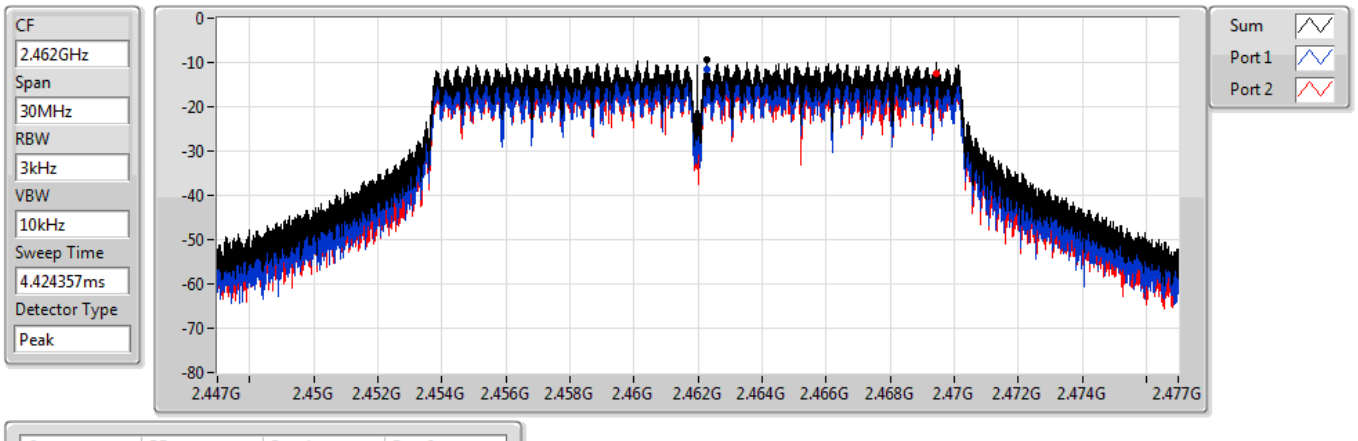
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.13	-4.13	-6.53	-7.48

802.11g_Nss1,(6Mbps)_2TX PSD

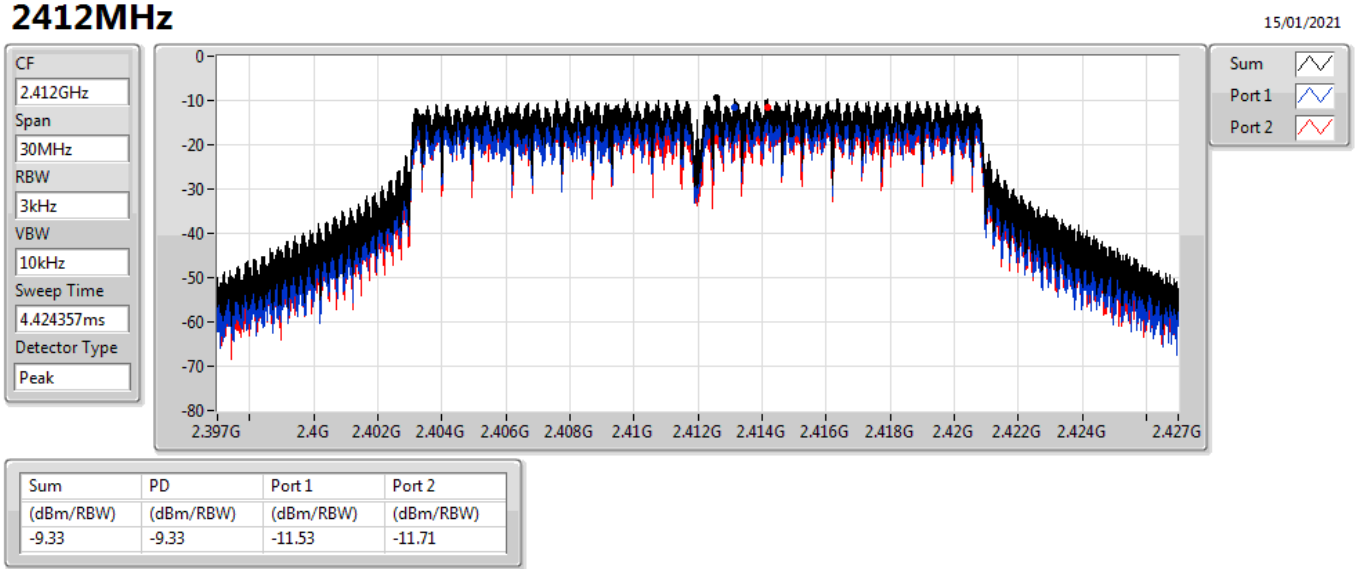
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.53	-9.53	-11.53	-12.37

802.11n HT20_Nss1,(MCS0)_2TX PSD

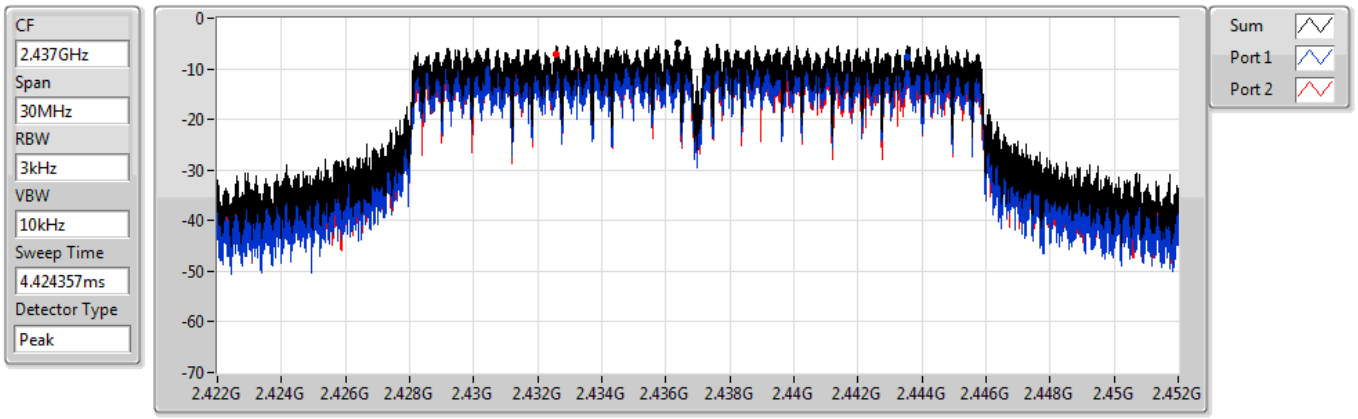
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.33	-9.33	-11.53	-11.71

802.11n HT20_Nss1,(MCS0)_2TX PSD

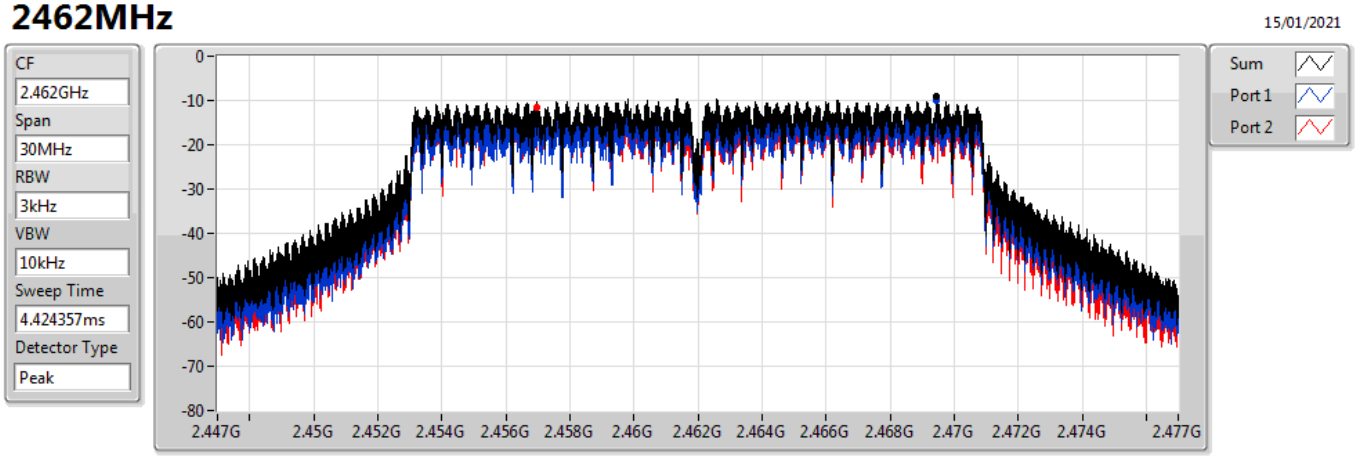
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.00	-5.00	-7.76	-7.22

802.11n HT20_Nss1,(MCS0)_2TX PSD

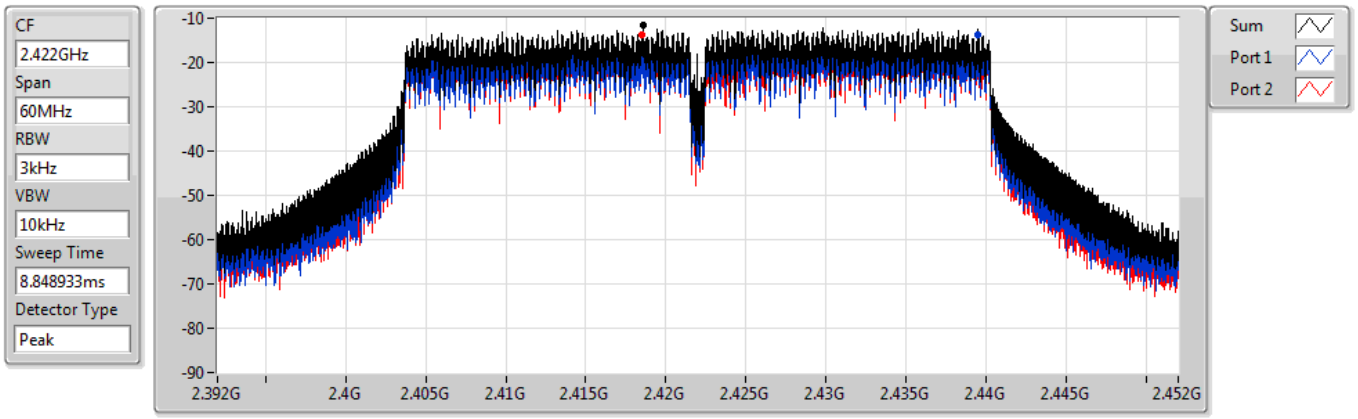
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.12	-9.12	-10.01	-11.47

802.11n HT40_Nss1,(MCS0)_2TX PSD

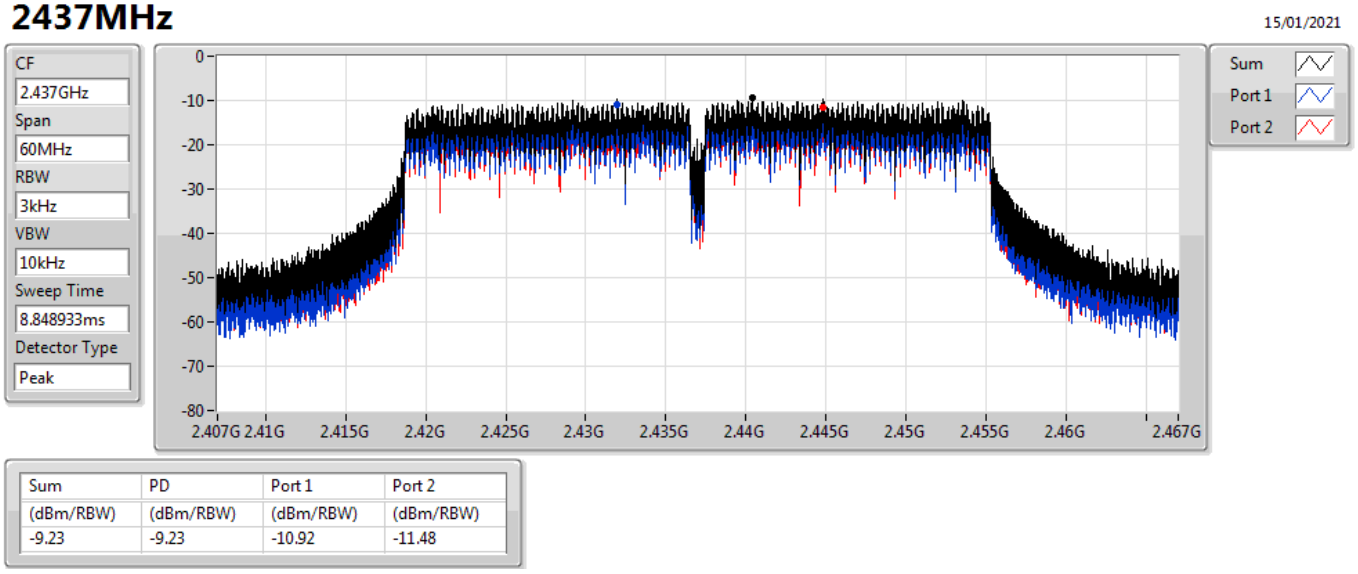
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.70	-11.70	-13.90	-13.86

802.11n HT40_Nss1,(MCS0)_2TX PSD

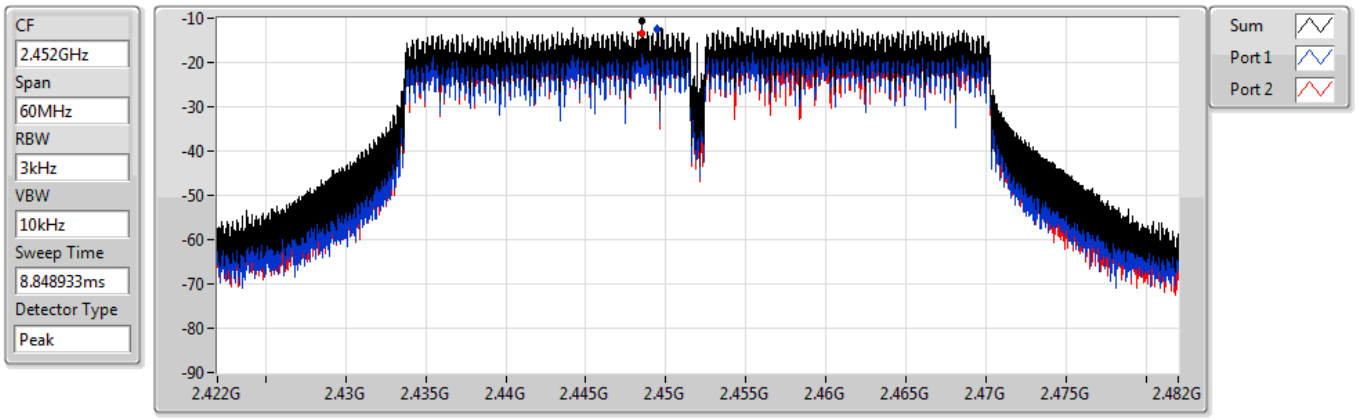
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.23	-9.23	-10.92	-11.48

802.11n HT40_Nss1,(MCS0)_2TX PSD

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.57	-10.57	-12.47	-13.59

Summary

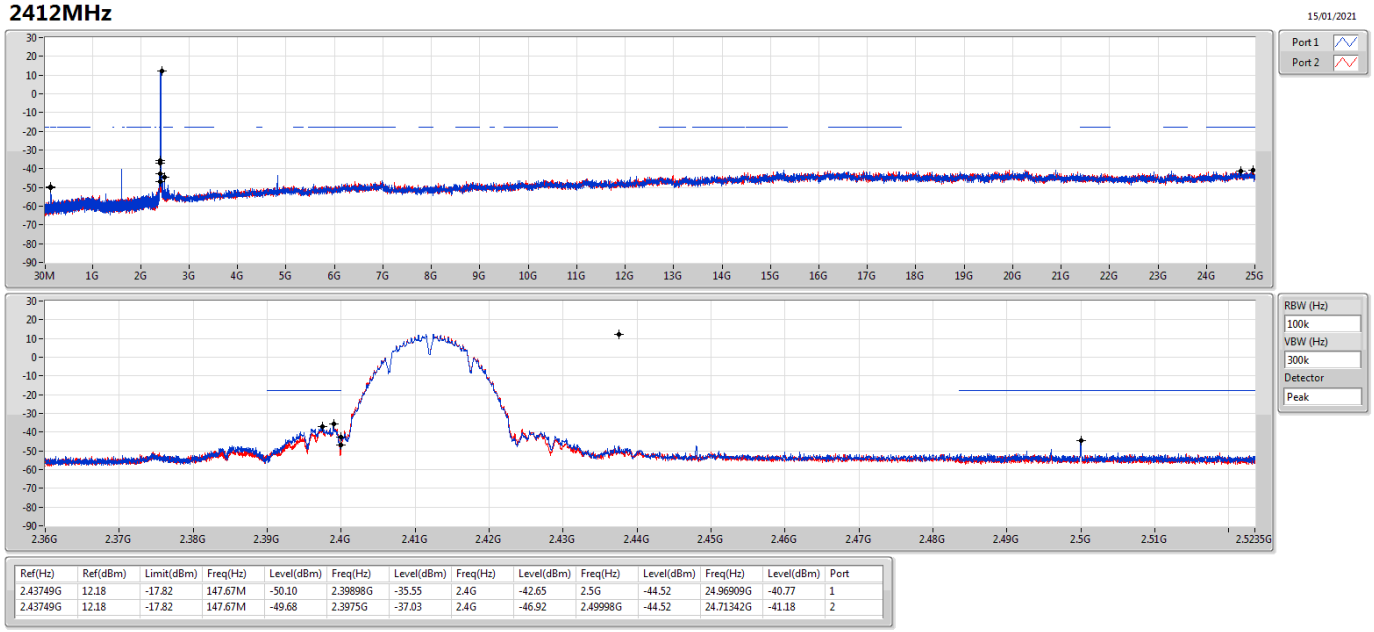
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43749G	12.18	-17.82	147.67M	-50.10	2.39898G	-35.55	2.4G	-42.65	2.5G	-44.52	24.96909G	-40.77	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.442G	10.44	-19.56	147.67M	-49.38	2.39974G	-27.48	2.4G	-29.62	2.49996G	-44.77	17.30461G	-40.67	2
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.4395G	9.95	-20.05	147.67M	-50.32	2.39982G	-27.55	2.4G	-28.62	2.49996G	-44.67	24.56452G	-40.79	2
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.43198G	4.68	-25.32	147.65M	-49.68	2.4G	-31.26	2.4G	-32.93	2.49998G	-44.48	24.23996G	-41.36	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_TnomVnom	Pass	2.43749G	12.18	-17.82	147.67M	-50.10	2.39898G	-35.55	2.4G	-42.65	2.5G	-44.52	24.96909G	-40.77	1
2412MHz_TnomVnom	Pass	2.43749G	12.18	-17.82	147.67M	-49.68	2.3975G	-37.03	2.4G	-46.92	2.49998G	-44.52	24.71342G	-41.18	2
2437MHz_TnomVnom	Pass	2.43749G	12.18	-17.82	1.62459G	-44.56	2.39998G	-48.76	2.4G	-50.40	2.49996G	-46.27	17.11637G	-40.74	1
2437MHz_TnomVnom	Pass	2.43749G	12.18	-17.82	1.62459G	-48.83	2.4G	-50.41	2.4G	-51.54	2.5G	-45.84	24.96909G	-40.98	2
2462MHz_TnomVnom	Pass	2.43749G	12.18	-17.82	1.64149G	-45.05	2.39996G	-51.59	2.4835G	-51.78	2.49994G	-46.08	24.55609G	-40.14	1
2462MHz_TnomVnom	Pass	2.43749G	12.18	-17.82	147.67M	-50.62	2.3983G	-52.52	2.4835G	-51.81	2.49996G	-46.26	16.40274G	-40.30	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.442G	10.44	-19.56	147.67M	-49.40	2.39882G	-27.61	2.4G	-28.94	2.49996G	-44.25	24.57014G	-40.85	1
2412MHz_TnomVnom	Pass	2.442G	10.44	-19.56	147.67M	-49.38	2.39974G	-27.48	2.4G	-29.62	2.49996G	-44.77	17.30461G	-40.67	2
2437MHz_TnomVnom	Pass	2.442G	10.44	-19.56	147.67M	-50.31	2.39994G	-41.67	2.4G	-42.32	2.49996G	-43.84	16.8607G	-41.05	1
2437MHz_TnomVnom	Pass	2.442G	10.44	-19.56	147.67M	-49.12	2.39912G	-40.58	2.4G	-43.30	2.48384G	-43.70	16.42802G	-40.95	2
2462MHz_TnomVnom	Pass	2.442G	10.44	-19.56	147.67M	-50.50	2.39998G	-49.58	2.4835G	-47.88	2.48362G	-44.83	16.49264G	-40.91	1
2462MHz_TnomVnom	Pass	2.442G	10.44	-19.56	147.67M	-50.05	2.39686G	-51.77	2.4835G	-47.30	2.48502G	-45.68	24.59542G	-40.21	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.4395G	9.95	-20.05	147.67M	-49.79	2.3999G	-27.74	2.4G	-30.20	2.5G	-44.11	24.57576G	-40.64	1
2412MHz_TnomVnom	Pass	2.4395G	9.95	-20.05	147.67M	-50.32	2.39982G	-27.55	2.4G	-28.62	2.49996G	-44.67	24.56452G	-40.79	2
2437MHz_TnomVnom	Pass	2.4395G	9.95	-20.05	147.67M	-50.75	2.4G	-42.28	2.4G	-42.79	2.5G	-43.95	24.66004G	-41.45	1
2437MHz_TnomVnom	Pass	2.4395G	9.95	-20.05	147.67M	-48.98	2.39858G	-41.19	2.4835G	-43.54	2.4917G	-42.38	24.92976G	-40.29	2
2462MHz_TnomVnom	Pass	2.4395G	9.95	-20.05	147.67M	-50.50	2.4G	-49.63	2.4835G	-44.81	2.48386G	-44.64	24.63476G	-39.59	1
2462MHz_TnomVnom	Pass	2.4395G	9.95	-20.05	147.67M	-50.77	2.39922G	-52.67	2.4835G	-47.23	2.49998G	-44.98	24.89605G	-40.54	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.43198G	4.68	-25.32	147.65M	-50.74	2.39996G	-32.68	2.4G	-32.75	2.49998G	-44.52	17.15003G	-41.63	1
2422MHz_TnomVnom	Pass	2.43198G	4.68	-25.32	147.65M	-49.68	2.4G	-31.26	2.4G	-32.93	2.49998G	-44.48	24.23996G	-41.36	2
2437MHz_TnomVnom	Pass	2.43198G	4.68	-25.32	147.65M	-48.55	2.39884G	-33.69	2.4G	-39.79	2.48414G	-42.54	16.62838G	-40.92	1
2437MHz_TnomVnom	Pass	2.43198G	4.68	-25.32	147.65M	-49.15	2.39952G	-31.88	2.4G	-33.88	2.48762G	-40.51	24.55407G	-40.44	2
2452MHz_TnomVnom	Pass	2.43198G	4.68	-25.32	147.65M	-50.28	2.4G	-45.80	2.4835G	-45.60	2.4881G	-42.54	16.38719G	-40.82	1
2452MHz_TnomVnom	Pass	2.43198G	4.68	-25.32	147.65M	-50.84	2.4G	-50.37	2.4835G	-45.92	2.4851G	-41.24	24.756G	-41.02	2

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

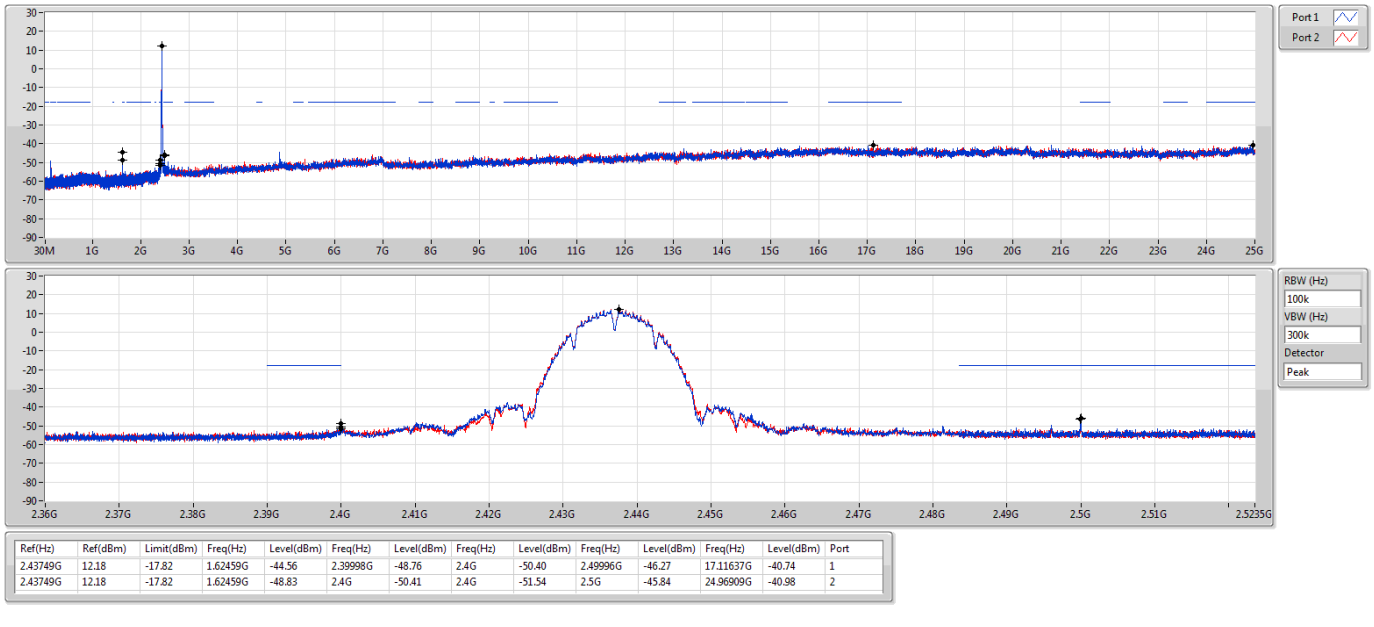
2412MHz



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
2.43749G	12.18	-17.82	147.67M	-50.10	2.39898G	-35.55	2.4G	-42.65	2.5G	-44.52	24.96909G	-40.77	1
2.43749G	12.18	-17.82	147.67M	-49.68	2.3975G	-37.03	2.4G	-46.92	2.49998G	-44.52	24.71342G	-41.18	2

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

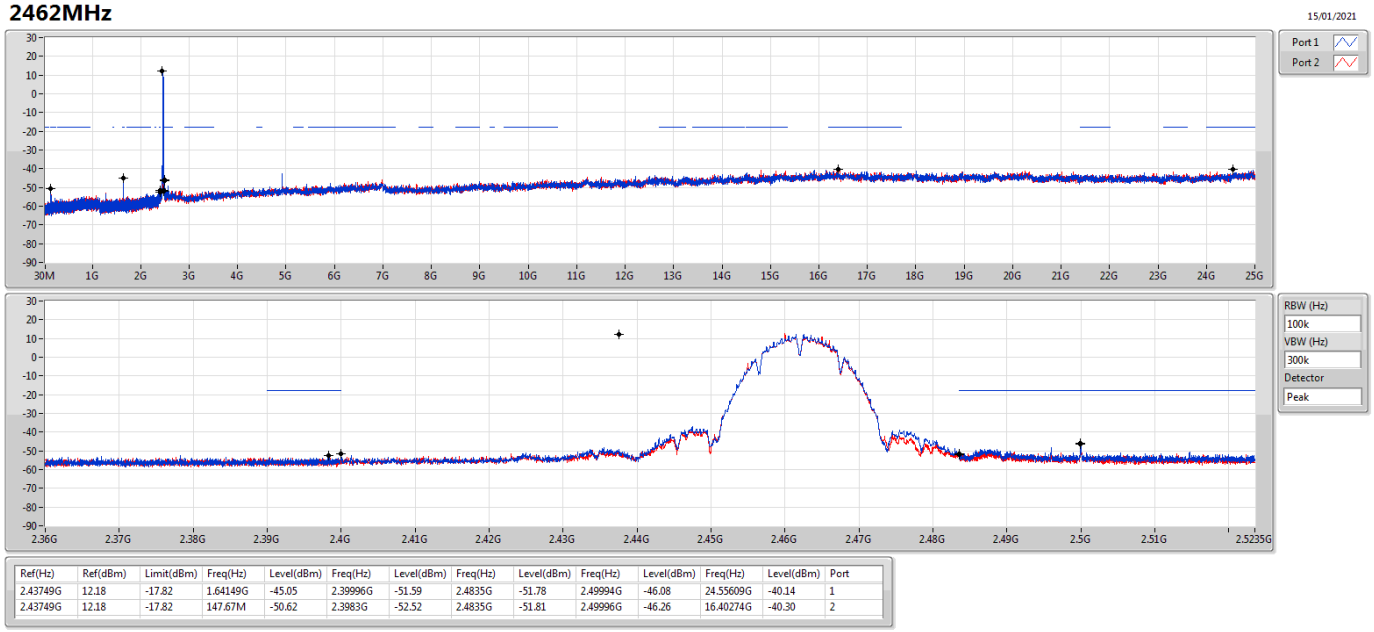
2437MHz



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
2.43749G	12.18	-17.82	1.62459G	-44.56	2.39998G	-48.76	2.4G	-50.40	2.49996G	-46.27	17.11637G	-40.74	1
2.43749G	12.18	-17.82	1.62459G	-48.83	2.4G	-50.41	2.4G	-51.54	2.5G	-45.84	24.96909G	-40.98	2

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

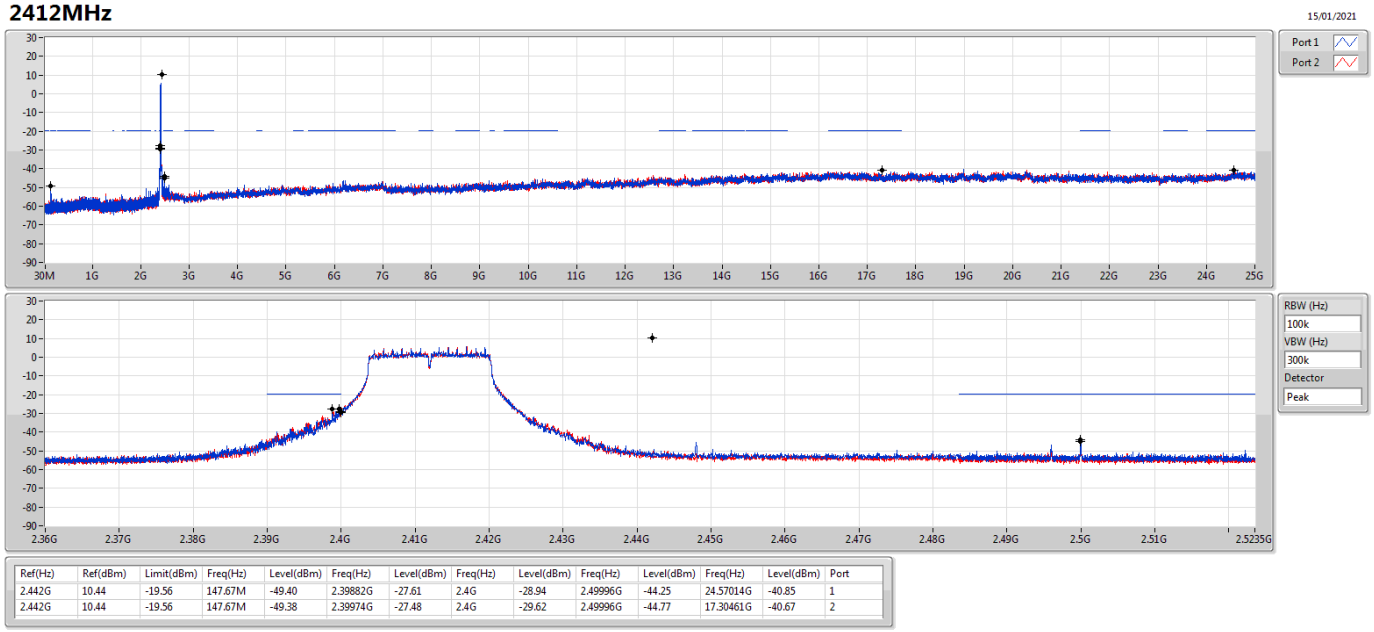
2462MHz



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
2.43749G	12.18	-17.82	1.64149G	-45.05	2.39996G	-51.59	2.4835G	-51.78	2.49994G	-46.08	24.55609G	-40.14	1
2.43749G	12.18	-17.82	147.67M	-50.62	2.3983G	-52.52	2.4835G	-51.81	2.49996G	-46.26	16.40274G	-40.30	2

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

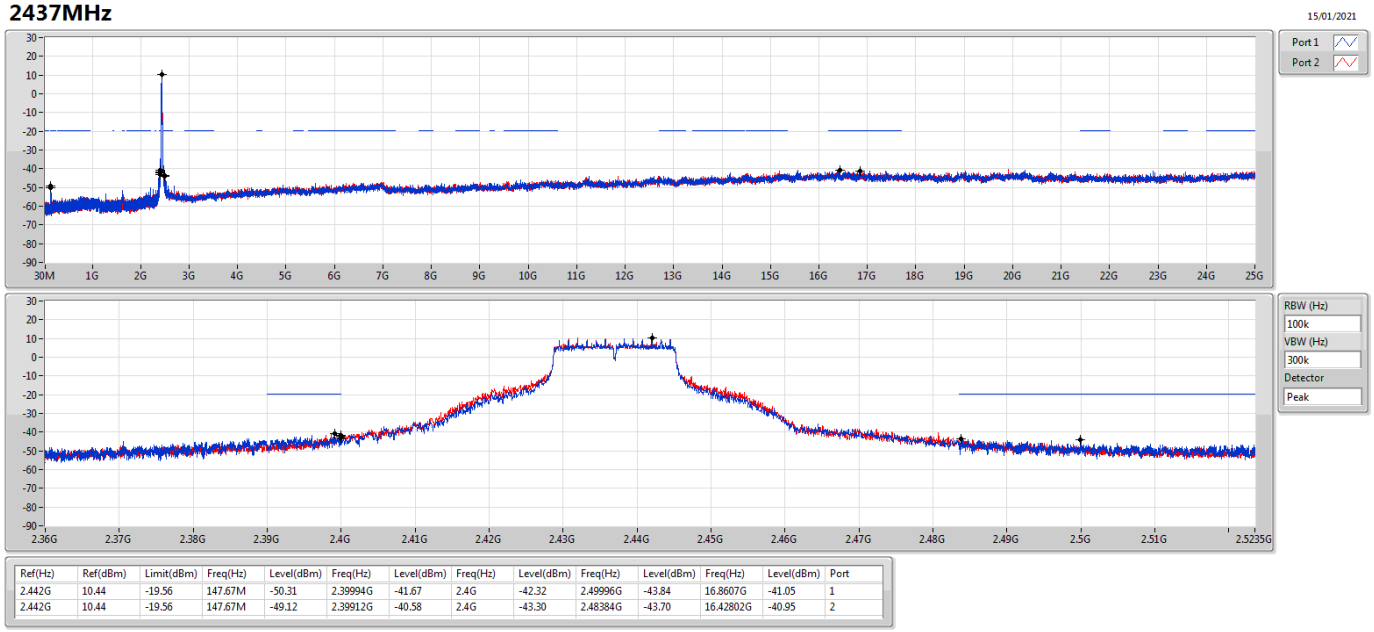
2412MHz



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
2.442G	10.44	-19.56	147.67M	-49.40	2.39882G	-27.61	2.4G	-28.94	2.49996G	-44.25	24.57014G	-40.85	1
2.442G	10.44	-19.56	147.67M	-49.38	2.39974G	-27.48	2.4G	-29.62	2.49996G	-44.77	17.30461G	-40.67	2

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

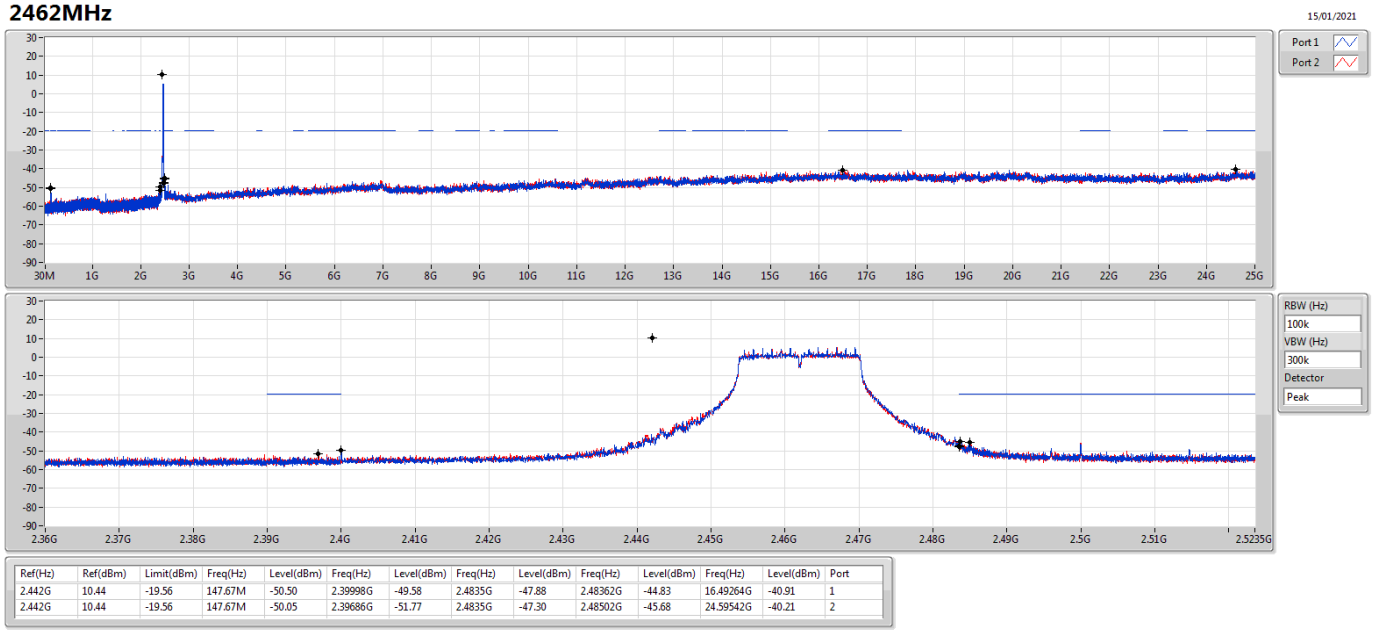
2437MHz



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
2.442G	10.44	-19.56	147.67M	-50.31	2.39994G	-41.67	2.4G	-42.32	2.49996G	-43.84	16.8607G	-41.05	1
2.442G	10.44	-19.56	147.67M	-49.12	2.39912G	-40.58	2.4G	-43.30	2.48384G	-43.70	16.42802G	-40.95	2

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

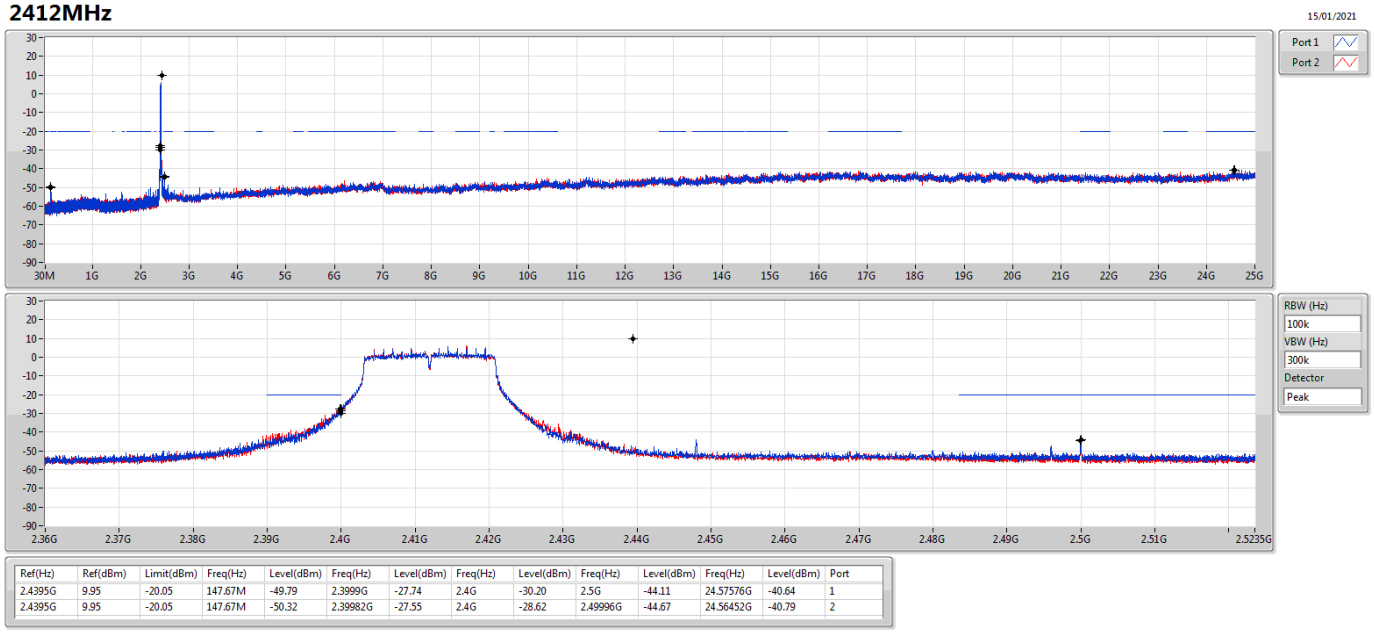
2462MHz



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
2.442G	10.44	-19.56	147.67M	-50.50	2.39998G	-49.58	2.4835G	-47.88	2.48362G	-44.83	16.49264G	-40.91	1
2.442G	10.44	-19.56	147.67M	-50.05	2.39686G	-51.77	2.4835G	-47.30	2.48502G	-45.68	24.59542G	-40.21	2

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

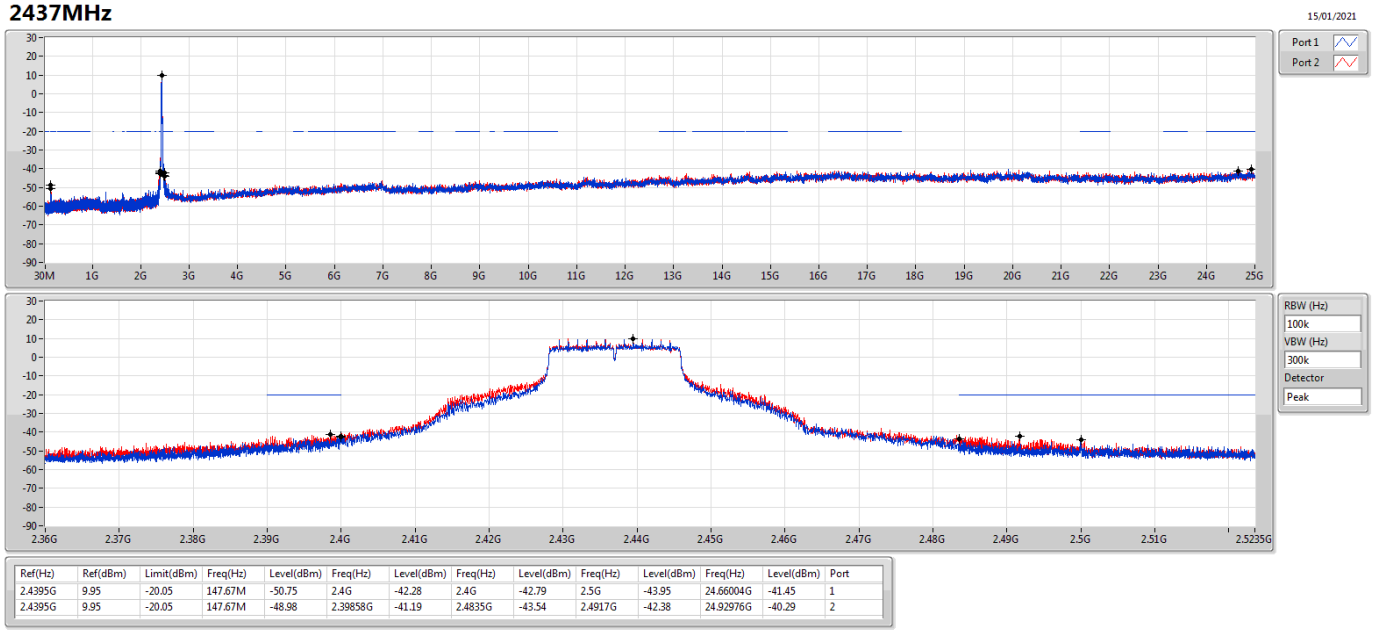
2412MHz



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
2.4395G	9.95	-20.05	147.67M	-49.79	2.3999G	-27.74	2.4G	-30.20	2.5G	-44.11	24.57576G	-40.64	1
2.4395G	9.95	-20.05	147.67M	-50.32	2.39982G	-27.55	2.4G	-28.62	2.49996G	-44.67	24.56452G	-40.79	2

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

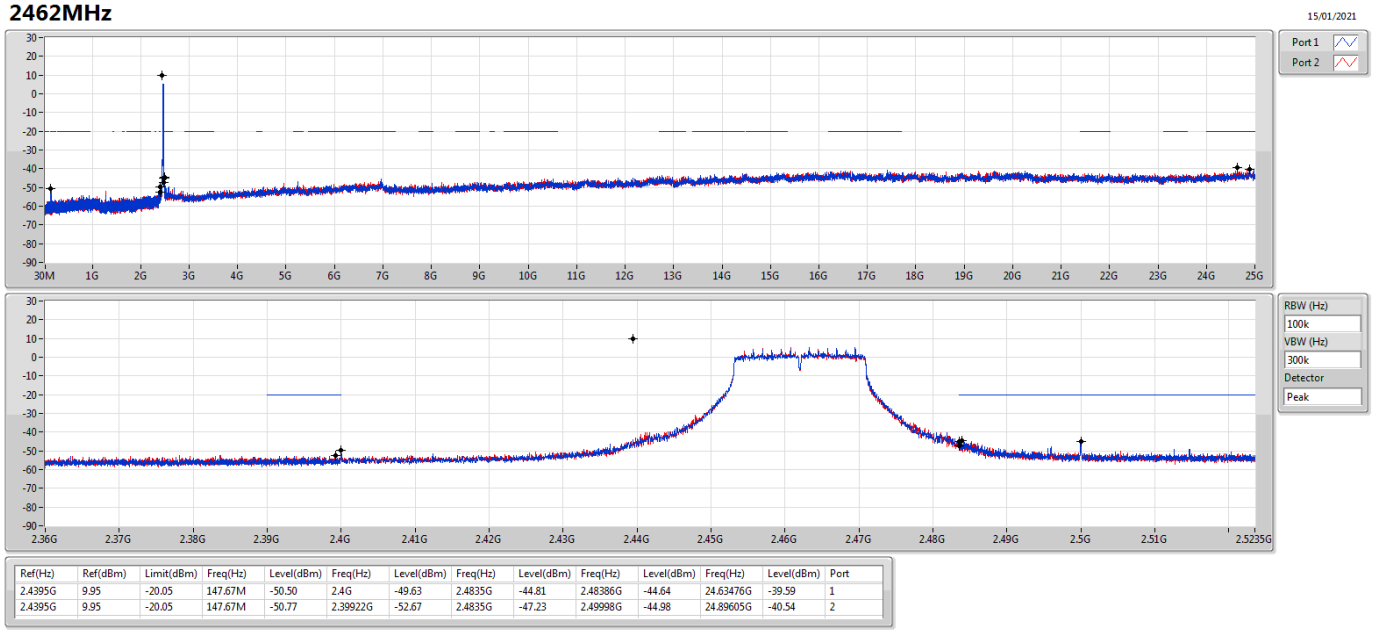
2437MHz



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
2.4395G	9.95	-20.05	147.67M	-50.75	2.4G	-42.28	2.4G	-42.79	2.5G	-43.95	24.66004G	-41.45	1
2.4395G	9.95	-20.05	147.67M	-48.98	2.39858G	-41.19	2.4835G	-43.54	2.4917G	-42.38	24.92976G	-40.29	2

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

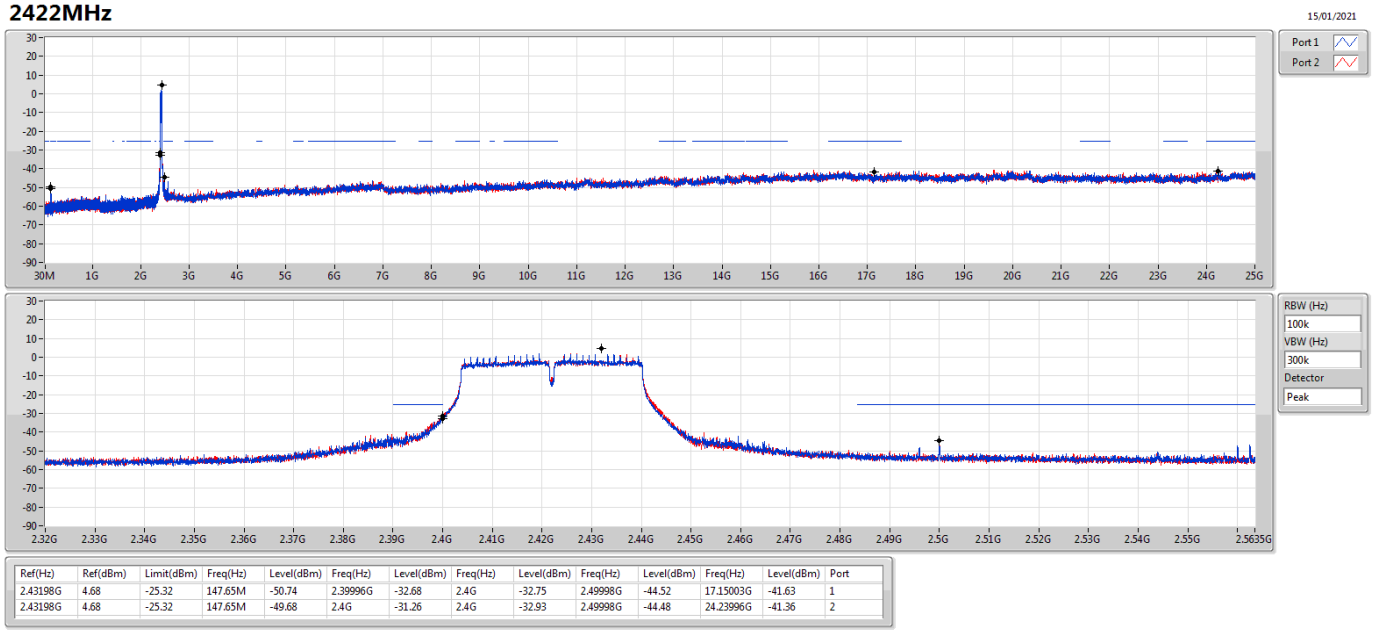
2462MHz



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
2.4395G	9.95	-20.05	147.67M	-50.50	2.4G	-49.63	2.4835G	-44.81	2.48386G	-44.64	24.63476G	-39.59	1
2.4395G	9.95	-20.05	147.67M	-50.77	2.39922G	-52.67	2.4835G	-47.23	2.49998G	-44.98	24.89605G	-40.54	2

802.11n HT40_Nss1,(MCS0)_2TX **CSENdB**

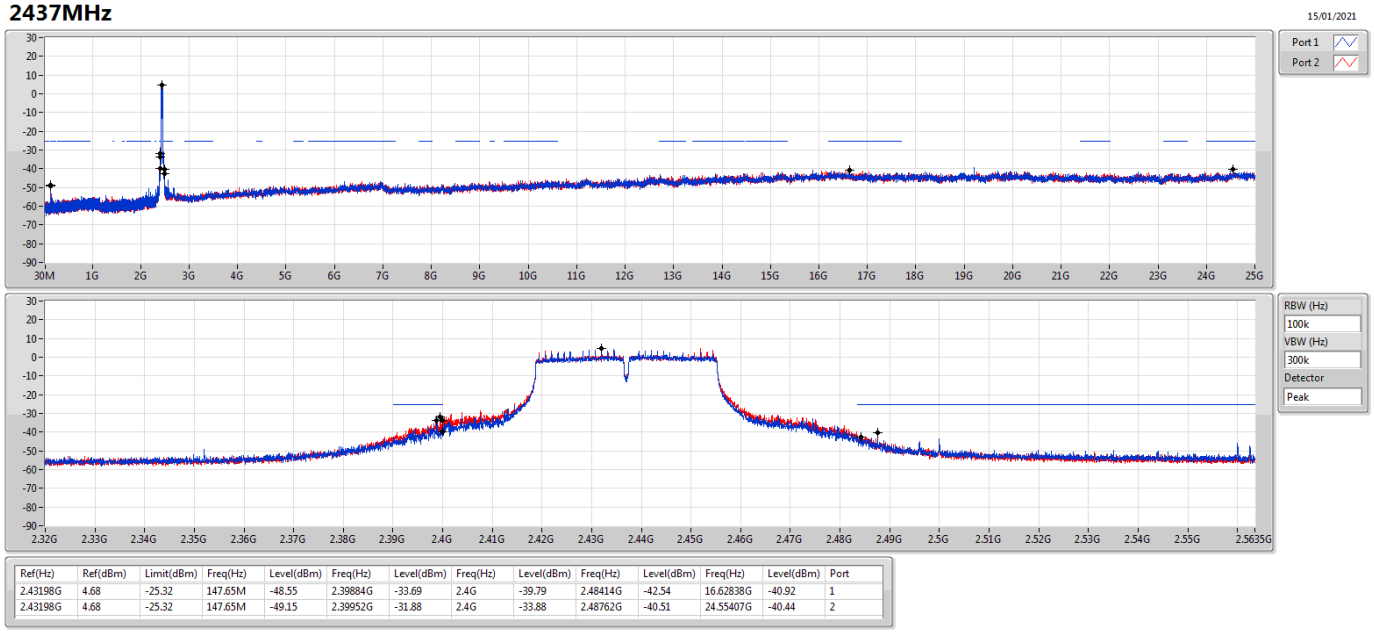
2422MHz



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	4.68	-25.32	147.65M	-50.74	2.39996G	-32.68	2.4G	-32.75	2.49998G	-44.52	17.15003G	-41.63	1
2.43198G	4.68	-25.32	147.65M	-49.68	2.4G	-31.26	2.4G	-32.93	2.49998G	-44.48	24.23996G	-41.36	2

802.11n HT40_Nss1,(MCS0)_2TX **CSENdB**

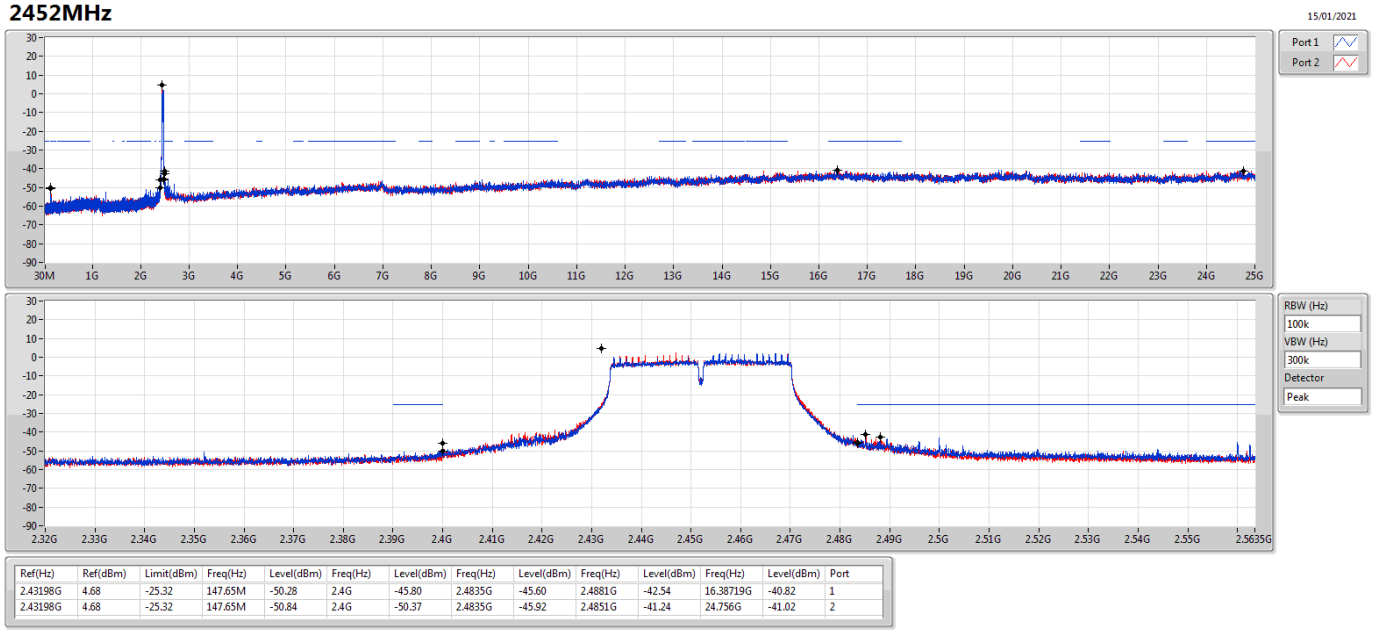
2437MHz



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
2.43198G	4.68	-25.32	147.65M	-48.55	2.39884G	-33.69	2.4G	-39.79	2.48414G	-42.54	16.62838G	-40.92	1
2.43198G	4.68	-25.32	147.65M	-49.15	2.39952G	-31.88	2.4G	-33.88	2.48762G	-40.51	24.55407G	-40.44	2

802.11n HT40_Nss1,(MCS0)_2TX **CSENdB**

2452MHz



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	4.68	-25.32	147.65M	-50.28	2.4G	-45.80	2.4835G	-45.60	2.4881G	-42.54	16.38719G	-40.82	1
2.43198G	4.68	-25.32	147.65M	-50.84	2.4G	-50.37	2.4835G	-45.92	2.4851G	-41.24	24.756G	-41.02	2

Summary

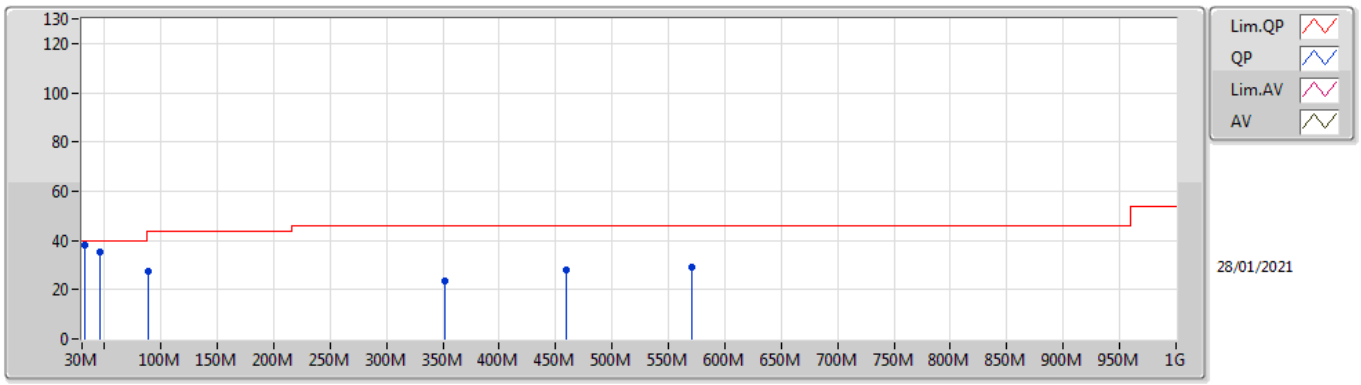
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	QP	31.94M	38.24	40.00	-1.76	3	Vertical	270	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	45.52M	35.48	40.00	-4.52	3	Vertical	0	3.00	-
2437MHz	Pass	PK	88.2M	27.24	43.50	-16.26	3	Vertical	0	3.00	-
2437MHz	Pass	PK	352.04M	23.72	46.00	-22.28	3	Vertical	0	3.00	-
2437MHz	Pass	PK	458.74M	28.17	46.00	-17.83	3	Vertical	0	3.00	-
2437MHz	Pass	PK	571.26M	29.15	46.00	-16.85	3	Vertical	0	3.00	-
2437MHz	Pass	QP	31.94M	38.24	40.00	-1.76	3	Vertical	270	1.00	-
2437MHz	Pass	PK	88.2M	23.59	43.50	-19.91	3	Horizontal	0	3.00	-
2437MHz	Pass	PK	278.32M	26.79	46.00	-19.21	3	Horizontal	0	3.00	-
2437MHz	Pass	PK	536.34M	27.79	46.00	-18.21	3	Horizontal	0	3.00	-
2437MHz	Pass	PK	792.42M	29.70	46.00	-16.30	3	Horizontal	0	3.00	-
2437MHz	Pass	PK	961.2M	31.40	54.00	-22.60	3	Horizontal	0	3.00	-
2437MHz	Pass	QP	31.94M	37.58	40.00	-2.42	3	Horizontal	312	3.00	-

802.11n HT40_Nss1,(MCS0)_2TX

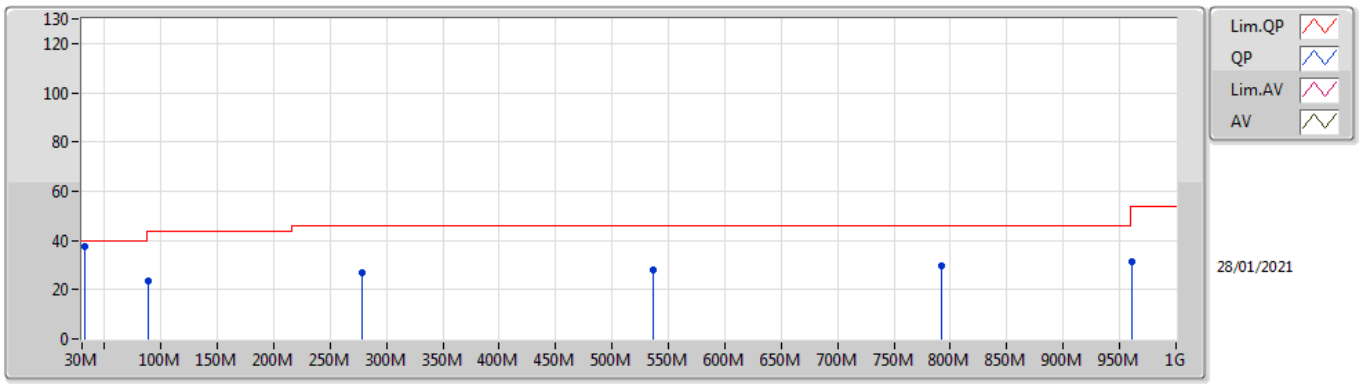
2437MHz_PoE



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	45.52M	35.48	40.00	-4.52	-11.56	3	Vertical	0	3.00	-	47.04	14.96	1.01	27.53
PK	88.2M	27.24	43.50	-16.26	-12.08	3	Vertical	0	3.00	-	39.32	13.84	1.50	27.42
PK	352.04M	23.72	46.00	-22.28	-4.15	3	Vertical	0	3.00	-	27.87	19.69	3.11	26.95
PK	458.74M	28.17	46.00	-17.83	-1.91	3	Vertical	0	3.00	-	30.08	22.35	3.45	27.71
PK	571.26M	29.15	46.00	-16.85	0.15	3	Vertical	0	3.00	-	29.00	24.18	3.99	28.02
QP	31.94M	38.24	40.00	-1.76	-4.56	3	Vertical	270	1.00	-	42.80	22.11	0.90	27.57

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_PoE



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	88.2M	23.59	43.50	-19.91	-12.08	3	Horizontal	0	3.00	-	35.67	13.84	1.50	27.42
PK	278.32M	26.79	46.00	-19.21	-5.75	3	Horizontal	0	3.00	-	32.54	18.16	2.77	26.68
PK	536.34M	27.79	46.00	-18.21	-0.13	3	Horizontal	0	3.00	-	27.92	23.98	3.85	27.96
PK	792.42M	29.70	46.00	-16.30	2.60	3	Horizontal	0	3.00	-	27.10	25.65	4.77	27.82
PK	961.2M	31.40	54.00	-22.60	4.72	3	Horizontal	0	3.00	-	26.68	26.63	5.40	27.31
QP	31.94M	37.58	40.00	-2.42	-4.56	3	Horizontal	312	3.00	-	42.14	22.11	0.90	27.57

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	2.4998G	52.03	54.00	-1.97	3	Horizontal	47	1.00	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.5G	53.34	54.00	-0.66	3	Horizontal	317	1.48	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	53.76	54.00	-0.24	3	Horizontal	45	2.19	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	AV	2.388G	53.87	54.00	-0.13	3	Horizontal	302	1.27	-

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	2.3882G	47.38	54.00	-6.62	3	Vertical	353	1.07	-
2412MHz	Pass	AV	2.4128G	110.18	Inf	-Inf	3	Vertical	353	1.07	-
2412MHz	Pass	PK	2.3842G	58.85	74.00	-15.15	3	Vertical	353	1.07	-
2412MHz	Pass	PK	2.413G	112.64	Inf	-Inf	3	Vertical	353	1.07	-
2412MHz	Pass	AV	2.3872G	50.34	54.00	-3.66	3	Horizontal	47	1.50	-
2412MHz	Pass	AV	2.4128G	115.56	Inf	-Inf	3	Horizontal	47	1.50	-
2412MHz	Pass	PK	2.386G	60.57	74.00	-13.43	3	Horizontal	47	1.50	-
2412MHz	Pass	PK	2.413G	117.94	Inf	-Inf	3	Horizontal	47	1.50	-
2412MHz	Pass	AV	4.82396G	47.43	54.00	-6.57	3	Vertical	0	1.05	-
2412MHz	Pass	PK	4.82388G	52.32	74.00	-21.68	3	Vertical	0	1.05	-
2412MHz	Pass	AV	4.82396G	49.85	54.00	-4.15	3	Horizontal	18	1.12	-
2412MHz	Pass	PK	4.82404G	53.69	74.00	-20.31	3	Horizontal	18	1.12	-
2437MHz	Pass	AV	2.3382G	46.94	54.00	-7.06	3	Vertical	0	1.20	-
2437MHz	Pass	AV	2.4378G	110.08	Inf	-Inf	3	Vertical	0	1.20	-
2437MHz	Pass	AV	2.4998G	50.14	54.00	-3.86	3	Vertical	0	1.20	-
2437MHz	Pass	PK	2.3682G	58.29	74.00	-15.71	3	Vertical	0	1.20	-
2437MHz	Pass	PK	2.4382G	112.61	Inf	-Inf	3	Vertical	0	1.20	-
2437MHz	Pass	PK	2.493G	59.49	74.00	-14.51	3	Vertical	0	1.20	-
2437MHz	Pass	AV	2.3894G	47.12	54.00	-6.88	3	Horizontal	47	1.00	-
2437MHz	Pass	AV	2.4362G	115.35	Inf	-Inf	3	Horizontal	47	1.00	-
2437MHz	Pass	AV	2.4998G	52.03	54.00	-1.97	3	Horizontal	47	1.00	-
2437MHz	Pass	PK	2.3866G	59.31	74.00	-14.69	3	Horizontal	47	1.00	-
2437MHz	Pass	PK	2.4362G	117.82	Inf	-Inf	3	Horizontal	47	1.00	-
2437MHz	Pass	PK	2.4998G	60.32	74.00	-13.68	3	Horizontal	47	1.00	-
2437MHz	Pass	AV	4.87392G	47.94	54.00	-6.06	3	Vertical	330	1.70	-
2437MHz	Pass	PK	4.87396G	52.73	74.00	-21.27	3	Vertical	330	1.70	-
2437MHz	Pass	AV	4.87396G	48.63	54.00	-5.37	3	Horizontal	0	1.66	-
2437MHz	Pass	PK	4.87404G	53.34	74.00	-20.66	3	Horizontal	0	1.66	-
2462MHz	Pass	AV	2.4612G	109.00	Inf	-Inf	3	Vertical	360	2.09	-
2462MHz	Pass	AV	2.4998G	48.76	54.00	-5.24	3	Vertical	360	2.09	-
2462MHz	Pass	PK	2.4612G	111.48	Inf	-Inf	3	Vertical	360	2.09	-
2462MHz	Pass	PK	2.4996G	59.64	74.00	-14.36	3	Vertical	360	2.09	-
2462MHz	Pass	AV	2.4612G	114.92	Inf	-Inf	3	Horizontal	303	2.46	-
2462MHz	Pass	AV	2.4998G	49.24	54.00	-4.76	3	Horizontal	303	2.46	-
2462MHz	Pass	PK	2.4612G	117.30	Inf	-Inf	3	Horizontal	303	2.46	-
2462MHz	Pass	PK	2.4888G	60.71	74.00	-13.29	3	Horizontal	303	2.46	-
2462MHz	Pass	AV	4.92396G	46.48	54.00	-7.52	3	Vertical	360	2.37	-
2462MHz	Pass	PK	4.9238G	51.74	74.00	-22.26	3	Vertical	360	2.37	-
2462MHz	Pass	AV	4.92396G	47.52	54.00	-6.48	3	Horizontal	188	2.19	-
2462MHz	Pass	PK	4.9238G	52.53	74.00	-21.47	3	Horizontal	188	2.19	-
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3874G	49.00	54.00	-5.00	3	Vertical	0	1.80	-
2412MHz	Pass	AV	2.4176G	100.62	Inf	-Inf	3	Vertical	0	1.80	-
2412MHz	Pass	PK	2.389G	61.50	74.00	-12.50	3	Vertical	0	1.80	-
2412MHz	Pass	PK	2.4176G	110.57	Inf	-Inf	3	Vertical	0	1.80	-
2412MHz	Pass	AV	2.3892G	53.17	54.00	-0.83	3	Horizontal	36	1.50	-
2412MHz	Pass	AV	2.4138G	105.64	Inf	-Inf	3	Horizontal	36	1.50	-
2412MHz	Pass	PK	2.389G	68.92	74.00	-5.08	3	Horizontal	36	1.50	-
2412MHz	Pass	PK	2.4088G	114.56	Inf	-Inf	3	Horizontal	36	1.50	-
2412MHz	Pass	AV	4.82592G	39.03	54.00	-14.97	3	Vertical	0	1.94	-
2412MHz	Pass	PK	4.82596G	50.57	74.00	-23.43	3	Vertical	0	1.94	-
2412MHz	Pass	AV	4.8262G	43.72	54.00	-10.28	3	Horizontal	344	2.08	-
2412MHz	Pass	PK	4.8266G	55.31	74.00	-18.69	3	Horizontal	344	2.08	-
2417MHz	Pass	AV	2.3868G	49.84	54.00	-4.16	3	Vertical	0	2.57	-
2417MHz	Pass	AV	2.4222G	104.09	Inf	-Inf	3	Vertical	0	2.57	-
2417MHz	Pass	PK	2.39G	63.81	74.00	-10.19	3	Vertical	0	2.57	-
2417MHz	Pass	PK	2.4226G	113.47	Inf	-Inf	3	Vertical	0	2.57	-
2417MHz	Pass	AV	2.3876G	53.02	54.00	-0.98	3	Horizontal	323	1.52	-
2417MHz	Pass	AV	2.4222G	108.25	Inf	-Inf	3	Horizontal	323	1.52	-
2417MHz	Pass	PK	2.3866G	68.28	74.00	-5.72	3	Horizontal	323	1.52	-

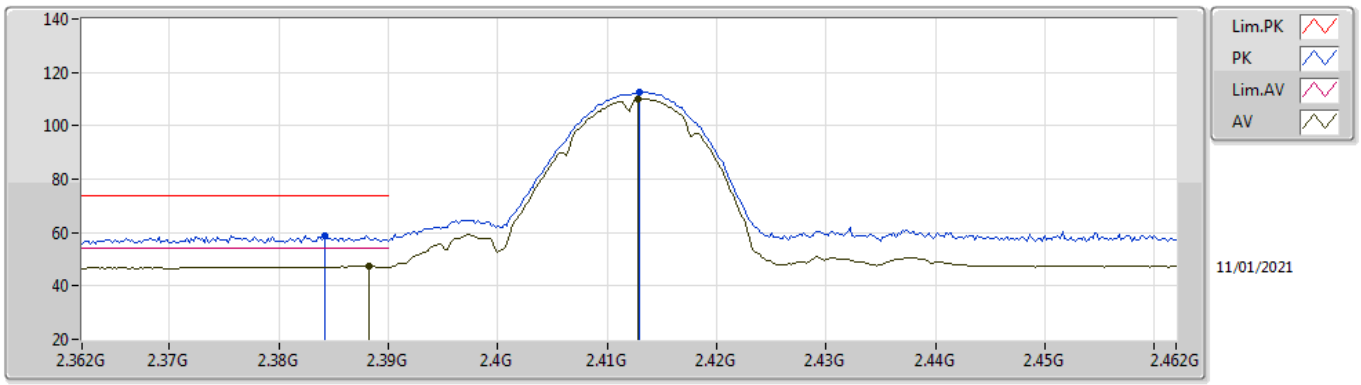
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2417MHz	Pass	PK	2.4226G	117.66	Inf	-Inf	3	Horizontal	323	1.52	-
2437MHz	Pass	AV	2.3898G	49.02	54.00	-4.98	3	Vertical	18	1.78	-
2437MHz	Pass	AV	2.443G	105.47	Inf	-Inf	3	Vertical	18	1.78	-
2437MHz	Pass	AV	2.4998G	51.93	54.00	-2.07	3	Vertical	18	1.78	-
2437MHz	Pass	PK	2.3878G	61.11	74.00	-12.89	3	Vertical	18	1.78	-
2437MHz	Pass	PK	2.4426G	114.60	Inf	-Inf	3	Vertical	18	1.78	-
2437MHz	Pass	PK	2.4846G	62.94	74.00	-11.06	3	Vertical	18	1.78	-
2437MHz	Pass	AV	2.3894G	51.00	54.00	-3.00	3	Horizontal	46	1.54	-
2437MHz	Pass	AV	2.4334G	110.53	Inf	-Inf	3	Horizontal	46	1.54	-
2437MHz	Pass	AV	2.4998G	52.10	54.00	-1.90	3	Horizontal	46	1.54	-
2437MHz	Pass	PK	2.3866G	66.61	74.00	-7.39	3	Horizontal	46	1.54	-
2437MHz	Pass	PK	2.4338G	119.80	Inf	-Inf	3	Horizontal	46	1.54	-
2437MHz	Pass	PK	2.485G	65.28	74.00	-8.72	3	Horizontal	46	1.54	-
2437MHz	Pass	AV	4.8718G	42.05	54.00	-11.95	3	Vertical	37	1.42	-
2437MHz	Pass	PK	4.87168G	54.27	74.00	-19.73	3	Vertical	37	1.42	-
2437MHz	Pass	AV	4.87156G	45.62	54.00	-8.38	3	Horizontal	348	2.15	-
2437MHz	Pass	PK	4.87152G	57.33	74.00	-16.67	3	Horizontal	348	2.15	-
2457MHz	Pass	AV	2.453G	103.37	Inf	-Inf	3	Vertical	11	1.78	-
2457MHz	Pass	AV	2.4835G	51.40	54.00	-2.60	3	Vertical	11	1.78	-
2457MHz	Pass	PK	2.4536G	112.37	Inf	-Inf	3	Vertical	11	1.78	-
2457MHz	Pass	PK	2.4836G	65.20	74.00	-8.80	3	Vertical	11	1.78	-
2457MHz	Pass	AV	2.4524G	107.46	Inf	-Inf	3	Horizontal	317	1.48	-
2457MHz	Pass	AV	2.5G	53.34	54.00	-0.66	3	Horizontal	317	1.48	-
2457MHz	Pass	PK	2.4626G	115.58	Inf	-Inf	3	Horizontal	317	1.48	-
2457MHz	Pass	PK	2.4838G	67.37	74.00	-6.63	3	Horizontal	317	1.48	-
2462MHz	Pass	AV	2.463G	100.82	Inf	-Inf	3	Vertical	0	1.70	-
2462MHz	Pass	AV	2.5G	51.58	54.00	-2.42	3	Vertical	0	1.70	-
2462MHz	Pass	PK	2.4586G	109.78	Inf	-Inf	3	Vertical	0	1.70	-
2462MHz	Pass	PK	2.4835G	68.11	74.00	-5.89	3	Vertical	0	1.70	-
2462MHz	Pass	AV	2.4636G	105.18	Inf	-Inf	3	Horizontal	46	1.71	-
2462MHz	Pass	AV	2.4835G	53.34	54.00	-0.66	3	Horizontal	46	1.71	-
2462MHz	Pass	PK	2.4588G	113.86	Inf	-Inf	3	Horizontal	46	1.71	-
2462MHz	Pass	PK	2.4835G	69.31	74.00	-4.69	3	Horizontal	46	1.71	-
2462MHz	Pass	AV	4.92624G	37.92	54.00	-16.08	3	Vertical	37	1.42	-
2462MHz	Pass	PK	4.92148G	50.46	74.00	-23.54	3	Vertical	37	1.42	-
2462MHz	Pass	AV	4.92596G	40.23	54.00	-13.77	3	Horizontal	345	2.05	-
2462MHz	Pass	PK	4.926G	52.00	74.00	-22.00	3	Horizontal	345	2.05	-
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3898G	50.82	54.00	-3.18	3	Vertical	0	2.56	-
2412MHz	Pass	AV	2.4134G	101.45	Inf	-Inf	3	Vertical	0	2.56	-
2412MHz	Pass	PK	2.3894G	65.08	74.00	-8.92	3	Vertical	0	2.56	-
2412MHz	Pass	PK	2.4136G	111.52	Inf	-Inf	3	Vertical	0	2.56	-
2412MHz	Pass	AV	2.39G	53.46	54.00	-0.54	3	Horizontal	314	1.12	-
2412MHz	Pass	AV	2.415G	106.15	Inf	-Inf	3	Horizontal	314	1.12	-
2412MHz	Pass	PK	2.39G	70.07	74.00	-3.93	3	Horizontal	314	1.12	-
2412MHz	Pass	PK	2.4136G	116.00	Inf	-Inf	3	Horizontal	314	1.12	-
2412MHz	Pass	AV	4.82912G	37.77	54.00	-16.23	3	Vertical	360	1.95	-
2412MHz	Pass	PK	4.83196G	50.68	74.00	-23.32	3	Vertical	360	1.95	-
2412MHz	Pass	AV	4.83244G	41.87	54.00	-12.13	3	Horizontal	349	2.11	-
2412MHz	Pass	PK	4.83108G	55.47	74.00	-18.53	3	Horizontal	349	2.11	-
2417MHz	Pass	AV	2.39G	51.84	54.00	-2.16	3	Vertical	360	2.57	-
2417MHz	Pass	AV	2.4184G	104.98	Inf	-Inf	3	Vertical	360	2.57	-
2417MHz	Pass	PK	2.39G	66.93	74.00	-7.07	3	Vertical	360	2.57	-
2417MHz	Pass	PK	2.4188G	115.20	Inf	-Inf	3	Vertical	360	2.57	-
2417MHz	Pass	AV	2.39G	53.18	54.00	-0.82	3	Horizontal	321	1.50	-
2417MHz	Pass	AV	2.4184G	109.43	Inf	-Inf	3	Horizontal	321	1.50	-
2417MHz	Pass	PK	2.3794G	69.53	74.00	-4.47	3	Horizontal	321	1.50	-
2417MHz	Pass	PK	2.4186G	119.56	Inf	-Inf	3	Horizontal	321	1.50	-
2437MHz	Pass	AV	2.3894G	48.32	54.00	-5.68	3	Vertical	12	2.05	-
2437MHz	Pass	AV	2.4402G	106.05	Inf	-Inf	3	Vertical	12	2.05	-
2437MHz	Pass	AV	2.4998G	50.85	54.00	-3.15	3	Vertical	12	2.05	-
2437MHz	Pass	PK	2.3898G	63.09	74.00	-10.91	3	Vertical	12	2.05	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	PK	2.4386G	115.75	Inf	-Inf	3	Vertical	12	2.05	-
2437MHz	Pass	PK	2.491G	63.50	74.00	-10.50	3	Vertical	12	2.05	-
2437MHz	Pass	AV	2.3898G	50.07	54.00	-3.93	3	Horizontal	43	2.23	-
2437MHz	Pass	AV	2.4398G	110.54	Inf	-Inf	3	Horizontal	43	2.23	-
2437MHz	Pass	AV	2.4998G	52.59	54.00	-1.41	3	Horizontal	43	2.23	-
2437MHz	Pass	PK	2.3898G	67.56	74.00	-6.44	3	Horizontal	43	2.23	-
2437MHz	Pass	PK	2.439G	120.41	Inf	-Inf	3	Horizontal	43	2.23	-
2437MHz	Pass	PK	2.4838G	67.11	74.00	-6.89	3	Horizontal	43	2.23	-
2437MHz	Pass	AV	4.8834G	39.51	54.00	-14.49	3	Vertical	34	1.38	-
2437MHz	Pass	PK	4.8834G	52.59	74.00	-21.41	3	Vertical	34	1.38	-
2437MHz	Pass	AV	4.8826G	43.73	54.00	-10.27	3	Horizontal	348	2.09	-
2437MHz	Pass	PK	4.88196G	56.92	74.00	-17.08	3	Horizontal	348	2.09	-
2457MHz	Pass	AV	2.4612G	103.45	Inf	-Inf	3	Vertical	15	1.96	-
2457MHz	Pass	AV	2.5G	51.22	54.00	-2.78	3	Vertical	15	1.96	-
2457MHz	Pass	PK	2.4622G	112.48	Inf	-Inf	3	Vertical	15	1.96	-
2457MHz	Pass	PK	2.4844G	67.17	74.00	-6.83	3	Vertical	15	1.96	-
2457MHz	Pass	AV	2.4612G	107.27	Inf	-Inf	3	Horizontal	43	1.92	-
2457MHz	Pass	AV	2.5G	52.74	54.00	-1.26	3	Horizontal	43	1.92	-
2457MHz	Pass	PK	2.4588G	116.31	Inf	-Inf	3	Horizontal	43	1.92	-
2457MHz	Pass	PK	2.4838G	69.31	74.00	-4.69	3	Horizontal	43	1.92	-
2462MHz	Pass	AV	2.4652G	101.76	Inf	-Inf	3	Vertical	17	1.99	-
2462MHz	Pass	AV	2.4835G	51.76	54.00	-2.24	3	Vertical	17	1.99	-
2462MHz	Pass	PK	2.4638G	111.51	Inf	-Inf	3	Vertical	17	1.99	-
2462MHz	Pass	PK	2.4835G	68.72	74.00	-5.28	3	Vertical	17	1.99	-
2462MHz	Pass	AV	2.4644G	104.99	Inf	-Inf	3	Horizontal	45	2.19	-
2462MHz	Pass	AV	2.4835G	53.76	54.00	-0.24	3	Horizontal	45	2.19	-
2462MHz	Pass	PK	2.4638G	114.81	Inf	-Inf	3	Horizontal	45	2.19	-
2462MHz	Pass	PK	2.4835G	71.37	74.00	-2.63	3	Horizontal	45	2.19	-
2462MHz	Pass	AV	4.93232G	36.10	54.00	-17.90	3	Vertical	37	1.39	-
2462MHz	Pass	PK	4.93104G	49.31	74.00	-24.69	3	Vertical	37	1.39	-
2462MHz	Pass	AV	4.93096G	37.04	54.00	-16.96	3	Horizontal	127	2.21	-
2462MHz	Pass	PK	4.92764G	49.99	74.00	-24.01	3	Horizontal	127	2.21	-
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3868G	50.59	54.00	-3.41	3	Vertical	0	2.12	-
2422MHz	Pass	AV	2.4268G	92.03	Inf	-Inf	3	Vertical	0	2.12	-
2422MHz	Pass	AV	2.5G	49.99	54.00	-4.01	3	Vertical	0	2.12	-
2422MHz	Pass	PK	2.3864G	67.04	74.00	-6.96	3	Vertical	0	2.12	-
2422MHz	Pass	PK	2.4276G	106.01	Inf	-Inf	3	Vertical	0	2.12	-
2422MHz	Pass	PK	2.4844G	59.42	74.00	-14.58	3	Vertical	0	2.12	-
2422MHz	Pass	AV	2.388G	53.87	54.00	-0.13	3	Horizontal	302	1.27	-
2422MHz	Pass	AV	2.4268G	96.40	Inf	-Inf	3	Horizontal	302	1.27	-
2422MHz	Pass	AV	2.5G	51.21	54.00	-2.79	3	Horizontal	302	1.27	-
2422MHz	Pass	PK	2.3876G	70.87	74.00	-3.13	3	Horizontal	302	1.27	-
2422MHz	Pass	PK	2.4248G	110.71	Inf	-Inf	3	Horizontal	302	1.27	-
2422MHz	Pass	PK	2.5G	59.50	74.00	-14.50	3	Horizontal	302	1.27	-
2422MHz	Pass	AV	4.8512G	35.56	54.00	-18.44	3	Vertical	1	2.12	-
2422MHz	Pass	PK	4.84128G	48.81	74.00	-25.19	3	Vertical	1	2.12	-
2422MHz	Pass	AV	4.8316G	36.66	54.00	-17.34	3	Horizontal	353	2.00	-
2422MHz	Pass	PK	4.84048G	51.19	74.00	-22.81	3	Horizontal	353	2.00	-
2427MHz	Pass	AV	2.3898G	50.04	54.00	-3.96	3	Vertical	1	2.12	-
2427MHz	Pass	AV	2.4318G	92.98	Inf	-Inf	3	Vertical	1	2.12	-
2427MHz	Pass	AV	2.4998G	49.55	54.00	-4.45	3	Vertical	1	2.12	-
2427MHz	Pass	PK	2.3886G	67.00	74.00	-7.00	3	Vertical	1	2.12	-
2427MHz	Pass	PK	2.4322G	107.17	Inf	-Inf	3	Vertical	1	2.12	-
2427MHz	Pass	PK	2.4838G	60.06	74.00	-13.94	3	Vertical	1	2.12	-
2427MHz	Pass	AV	2.3898G	53.63	54.00	-0.37	3	Horizontal	47	1.55	-
2427MHz	Pass	AV	2.433G	97.98	Inf	-Inf	3	Horizontal	47	1.55	-
2427MHz	Pass	AV	2.4998G	49.77	54.00	-4.23	3	Horizontal	47	1.55	-
2427MHz	Pass	PK	2.3886G	70.59	74.00	-3.41	3	Horizontal	47	1.55	-
2427MHz	Pass	PK	2.4326G	111.63	Inf	-Inf	3	Horizontal	47	1.55	-
2427MHz	Pass	PK	2.4835G	62.26	74.00	-11.74	3	Horizontal	47	1.55	-
2437MHz	Pass	AV	2.3882G	49.17	54.00	-4.83	3	Vertical	359	1.45	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	AV	2.443G	94.70	Inf	-Inf	3	Vertical	359	1.45	-
2437MHz	Pass	AV	2.4835G	51.93	54.00	-2.07	3	Vertical	359	1.45	-
2437MHz	Pass	PK	2.389G	67.34	74.00	-6.66	3	Vertical	359	1.45	-
2437MHz	Pass	PK	2.4422G	109.12	Inf	-Inf	3	Vertical	359	1.45	-
2437MHz	Pass	PK	2.4835G	66.76	74.00	-7.24	3	Vertical	359	1.45	-
2437MHz	Pass	AV	2.3882G	52.47	54.00	-1.53	3	Horizontal	60	1.44	-
2437MHz	Pass	AV	2.4434G	99.69	Inf	-Inf	3	Horizontal	60	1.44	-
2437MHz	Pass	AV	2.4846G	53.37	54.00	-0.63	3	Horizontal	60	1.44	-
2437MHz	Pass	PK	2.3886G	73.47	74.00	-0.53	3	Horizontal	60	1.44	-
2437MHz	Pass	PK	2.4426G	112.84	Inf	-Inf	3	Horizontal	60	1.44	-
2437MHz	Pass	PK	2.4842G	69.09	74.00	-4.91	3	Horizontal	60	1.44	-
2437MHz	Pass	AV	4.88128G	36.39	54.00	-17.61	3	Vertical	39	1.55	-
2437MHz	Pass	PK	4.88168G	48.84	74.00	-25.16	3	Vertical	39	1.55	-
2437MHz	Pass	AV	4.88144G	37.07	54.00	-16.93	3	Horizontal	134	1.46	-
2437MHz	Pass	PK	4.87104G	50.80	74.00	-23.20	3	Horizontal	134	1.46	-
2447MHz	Pass	AV	2.3898G	47.74	54.00	-6.26	3	Vertical	0	1.76	-
2447MHz	Pass	AV	2.4518G	93.39	Inf	-Inf	3	Vertical	0	1.76	-
2447MHz	Pass	AV	2.4835G	51.01	54.00	-2.99	3	Vertical	0	1.76	-
2447MHz	Pass	PK	2.3894G	59.05	74.00	-14.95	3	Vertical	0	1.76	-
2447MHz	Pass	PK	2.449G	106.61	Inf	-Inf	3	Vertical	0	1.76	-
2447MHz	Pass	PK	2.4835G	70.25	74.00	-3.75	3	Vertical	0	1.76	-
2447MHz	Pass	AV	2.3894G	48.73	54.00	-5.27	3	Horizontal	48	1.76	-
2447MHz	Pass	AV	2.453G	97.70	Inf	-Inf	3	Horizontal	48	1.76	-
2447MHz	Pass	AV	2.4835G	52.10	54.00	-1.90	3	Horizontal	48	1.76	-
2447MHz	Pass	PK	2.389G	62.80	74.00	-11.20	3	Horizontal	48	1.76	-
2447MHz	Pass	PK	2.4506G	110.41	Inf	-Inf	3	Horizontal	48	1.76	-
2447MHz	Pass	PK	2.4835G	72.98	74.00	-1.02	3	Horizontal	48	1.76	-
2452MHz	Pass	AV	2.39G	47.47	54.00	-6.53	3	Vertical	357	1.36	-
2452MHz	Pass	AV	2.4584G	93.54	Inf	-Inf	3	Vertical	357	1.36	-
2452MHz	Pass	AV	2.488G	50.82	54.00	-3.18	3	Vertical	357	1.36	-
2452MHz	Pass	PK	2.3888G	59.26	74.00	-14.74	3	Vertical	357	1.36	-
2452MHz	Pass	PK	2.4592G	105.69	Inf	-Inf	3	Vertical	357	1.36	-
2452MHz	Pass	PK	2.488G	69.02	74.00	-4.98	3	Vertical	357	1.36	-
2452MHz	Pass	AV	2.3892G	47.99	54.00	-6.01	3	Horizontal	59	1.14	-
2452MHz	Pass	AV	2.458G	96.35	Inf	-Inf	3	Horizontal	59	1.14	-
2452MHz	Pass	AV	2.4835G	52.10	54.00	-1.90	3	Horizontal	59	1.14	-
2452MHz	Pass	PK	2.3816G	59.13	74.00	-14.87	3	Horizontal	59	1.14	-
2452MHz	Pass	PK	2.462G	110.26	Inf	-Inf	3	Horizontal	59	1.14	-
2452MHz	Pass	PK	2.4835G	71.87	74.00	-2.13	3	Horizontal	59	1.14	-
2452MHz	Pass	AV	4.904G	35.39	54.00	-18.61	3	Vertical	186	2.19	-
2452MHz	Pass	PK	4.89184G	47.25	74.00	-26.75	3	Vertical	186	2.19	-
2452MHz	Pass	AV	4.91152G	35.72	54.00	-18.28	3	Horizontal	137	1.78	-
2452MHz	Pass	PK	4.91112G	49.12	74.00	-24.88	3	Horizontal	137	1.78	-

802.11b_Nss1,(1Mbps)_2TX

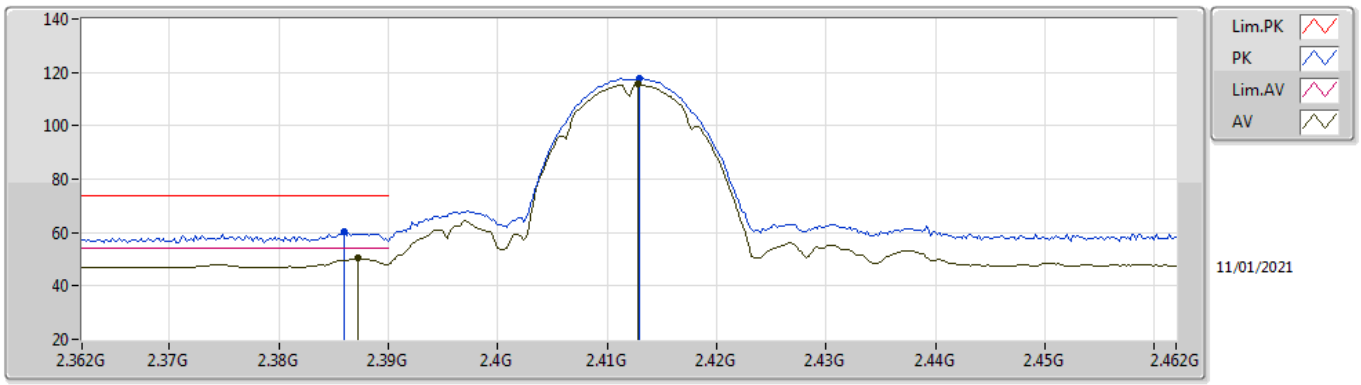
2412MHz_TX



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	2.3882G	47.38	54.00	-6.62	31.91	3	Vertical	353	1.07	-	15.47	27.62	4.29	-
AV	2.4128G	110.18	Inf	-Inf	31.88	3	Vertical	353	1.07	-	78.30	27.57	4.31	-
PK	2.3842G	58.85	74.00	-15.15	31.91	3	Vertical	353	1.07	-	26.94	27.63	4.28	-
PK	2.413G	112.64	Inf	-Inf	31.88	3	Vertical	353	1.07	-	80.76	27.57	4.31	-

802.11b_Nss1,(1Mbps)_2TX

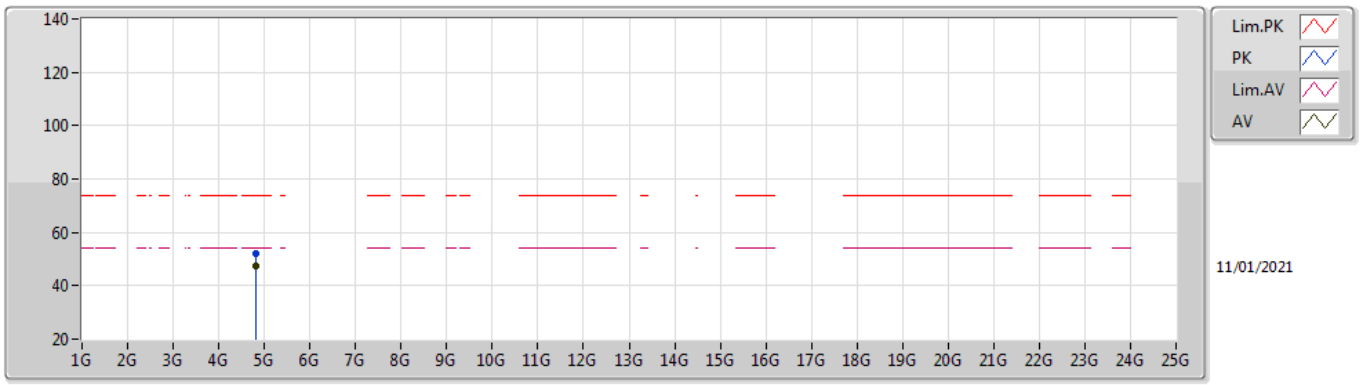
2412MHz_TX



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	50.34	54.00	-3.66	31.92	3	Horizontal	47	1.50	-	18.42	27.63	4.29	-
AV	2.4128G	115.56	Inf	-Inf	31.88	3	Horizontal	47	1.50	-	83.68	27.57	4.31	-
PK	2.386G	60.57	74.00	-13.43	31.92	3	Horizontal	47	1.50	-	28.65	27.63	4.29	-
PK	2.413G	117.94	Inf	-Inf	31.88	3	Horizontal	47	1.50	-	86.06	27.57	4.31	-

802.11b_Nss1,(1Mbps)_2TX

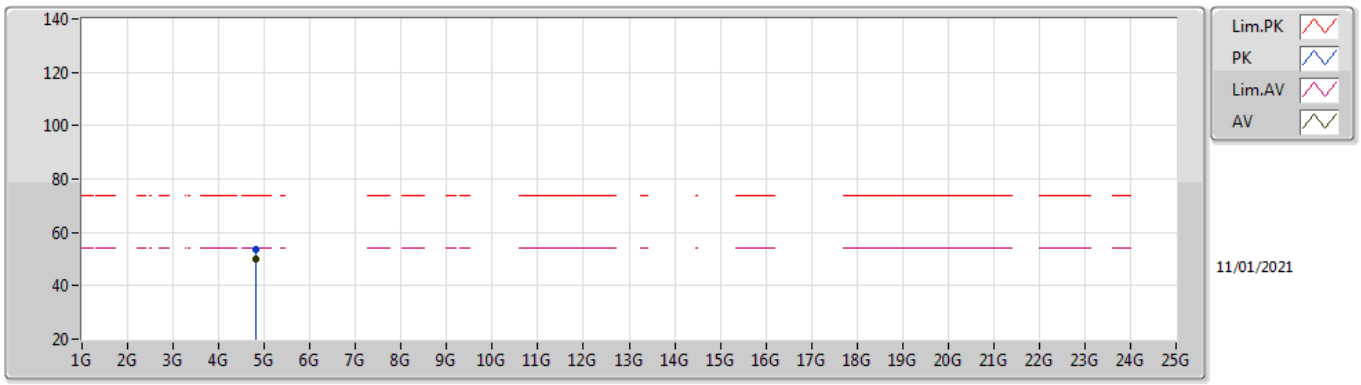
2412MHz_TX



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	4.82396G	47.43	54.00	-6.57	8.39	3	Vertical	0	1.05	-	39.04	31.10	6.52	29.23
PK	4.82388G	52.32	74.00	-21.68	8.39	3	Vertical	0	1.05	-	43.93	31.10	6.52	29.23

802.11b_Nss1,(1Mbps)_2TX

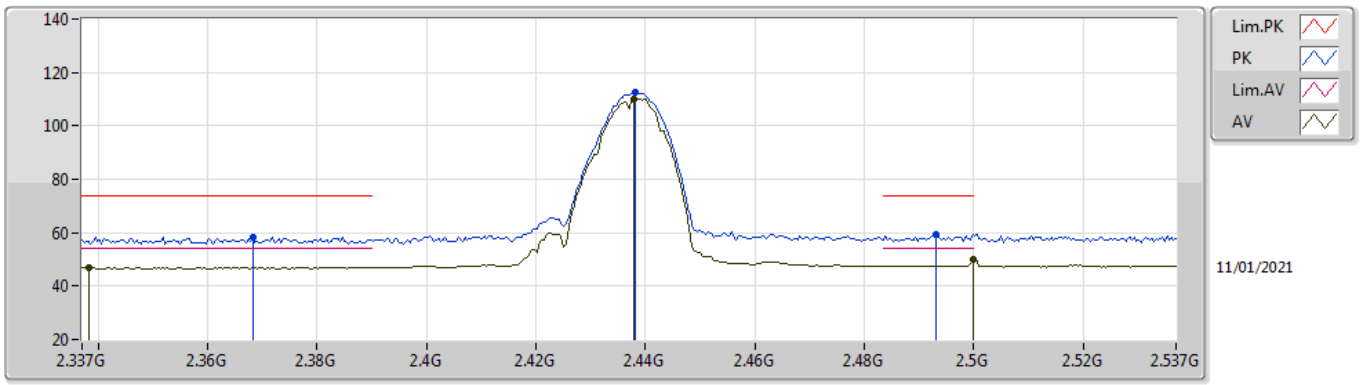
2412MHz_TX



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	4.82396G	49.85	54.00	-4.15	8.39	3	Horizontal	18	1.12	-	41.46	31.10	6.52	29.23
PK	4.82404G	53.69	74.00	-20.31	8.39	3	Horizontal	18	1.12	-	45.30	31.10	6.52	29.23

802.11b_Nss1,(1Mbps)_2TX

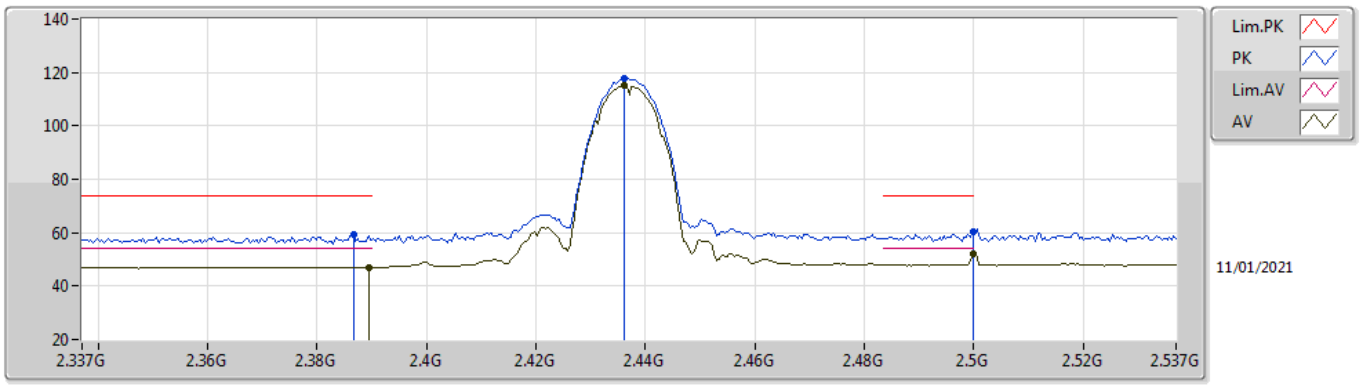
2437MHz_TX



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	2.3382G	46.94	54.00	-7.06	31.99	3	Vertical	0	1.20	-	14.95	27.75	4.24	-
AV	2.4378G	110.08	Inf	-Inf	31.86	3	Vertical	0	1.20	-	78.22	27.52	4.34	-
AV	2.4998G	50.14	54.00	-3.86	31.80	3	Vertical	0	1.20	-	18.34	27.40	4.40	-
PK	2.3682G	58.29	74.00	-15.71	31.93	3	Vertical	0	1.20	-	26.36	27.66	4.27	-
PK	2.4382G	112.61	Inf	-Inf	31.86	3	Vertical	0	1.20	-	80.75	27.52	4.34	-
PK	2.493G	59.49	74.00	-14.51	31.80	3	Vertical	0	1.20	-	27.69	27.41	4.39	-

802.11b_Nss1,(1Mbps)_2TX

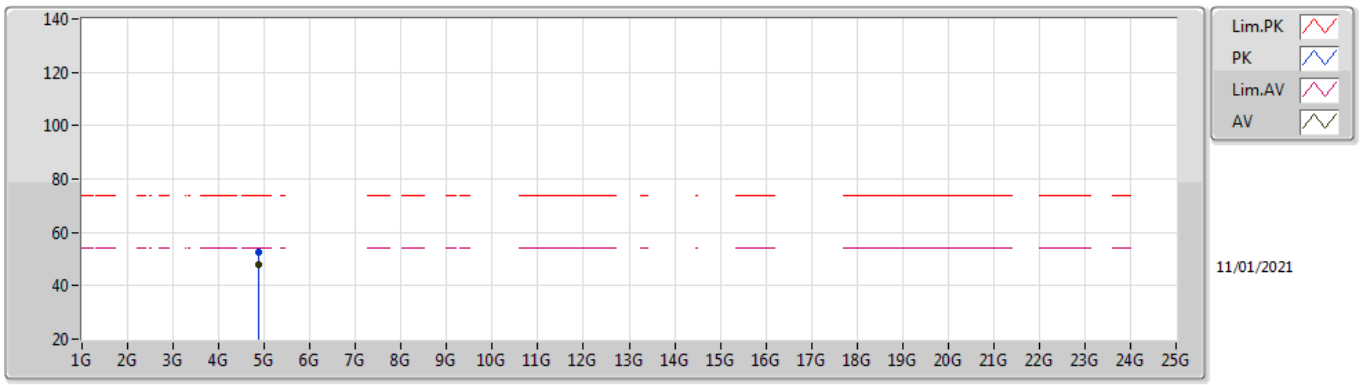
2437MHz_TX



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	2.3894G	47.12	54.00	-6.88	31.91	3	Horizontal	47	1.00	-	15.21	27.62	4.29	-
AV	2.4362G	115.35	Inf	-Inf	31.87	3	Horizontal	47	1.00	-	83.48	27.53	4.34	-
AV	2.4998G	52.03	54.00	-1.97	31.80	3	Horizontal	47	1.00	-	20.23	27.40	4.40	-
PK	2.3866G	59.31	74.00	-14.69	31.92	3	Horizontal	47	1.00	-	27.39	27.63	4.29	-
PK	2.4362G	117.82	Inf	-Inf	31.87	3	Horizontal	47	1.00	-	85.95	27.53	4.34	-
PK	2.4998G	60.32	74.00	-13.68	31.80	3	Horizontal	47	1.00	-	28.52	27.40	4.40	-

802.11b_Nss1,(1Mbps)_2TX

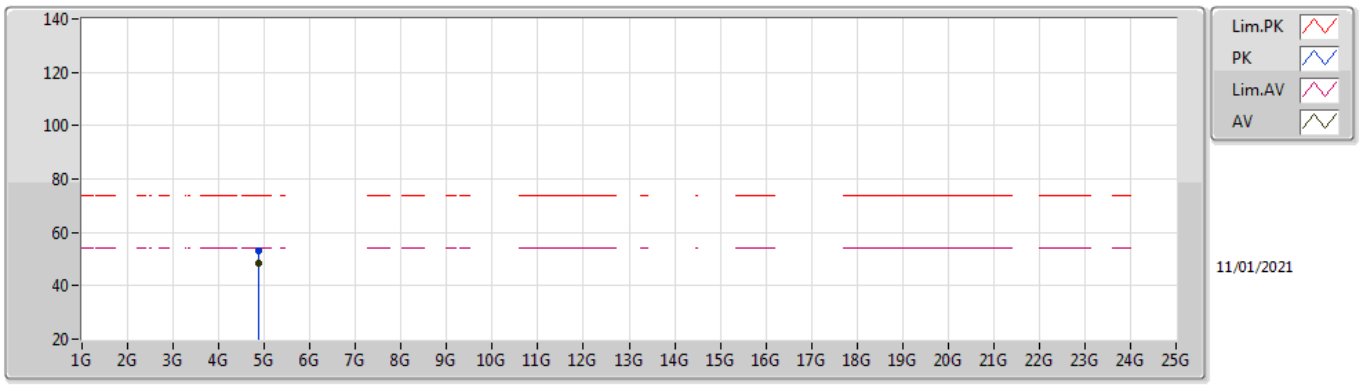
2437MHz_TX



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	4.87392G	47.94	54.00	-6.06	8.46	3	Vertical	330	1.70	-	39.48	31.10	6.57	29.21
PK	4.87396G	52.73	74.00	-21.27	8.46	3	Vertical	330	1.70	-	44.27	31.10	6.57	29.21

802.11b_Nss1,(1Mbps)_2TX

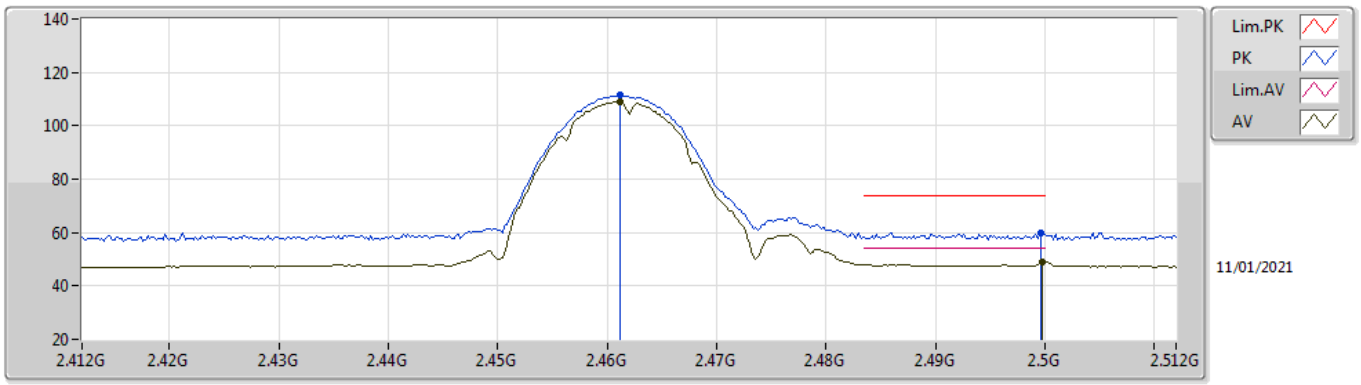
2437MHz_TX



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	4.87396G	48.63	54.00	-5.37	8.46	3	Horizontal	0	1.66	-	40.17	31.10	6.57	29.21
PK	4.87404G	53.34	74.00	-20.66	8.46	3	Horizontal	0	1.66	-	44.88	31.10	6.57	29.21

802.11b_Nss1,(1Mbps)_2TX

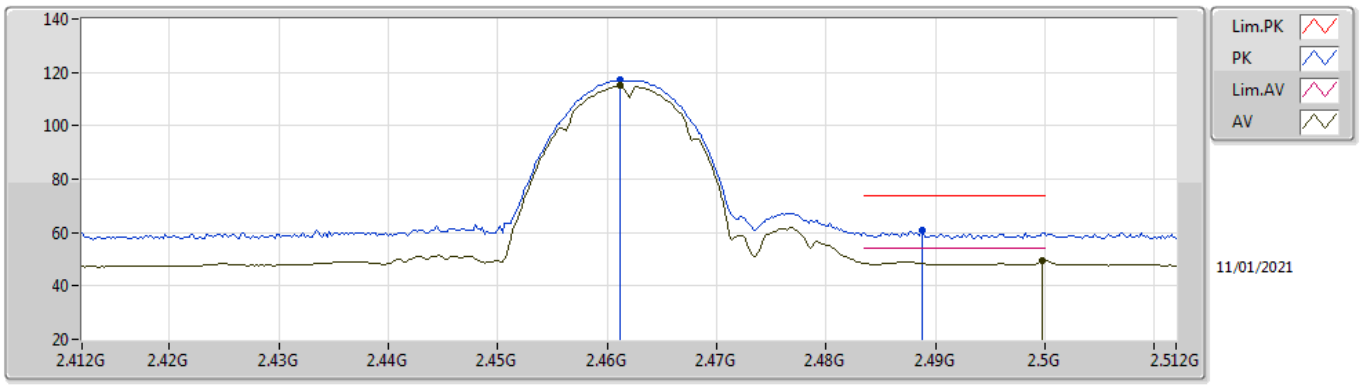
2462MHz_TX



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	2.4612G	109.00	Inf	-Inf	31.84	3	Vertical	360	2.09	-	77.16	27.48	4.36	-
AV	2.4998G	48.76	54.00	-5.24	31.80	3	Vertical	360	2.09	-	16.96	27.40	4.40	-
PK	2.4612G	111.48	Inf	-Inf	31.84	3	Vertical	360	2.09	-	79.64	27.48	4.36	-
PK	2.4996G	59.64	74.00	-14.36	31.80	3	Vertical	360	2.09	-	27.84	27.40	4.40	-

802.11b_Nss1,(1Mbps)_2TX

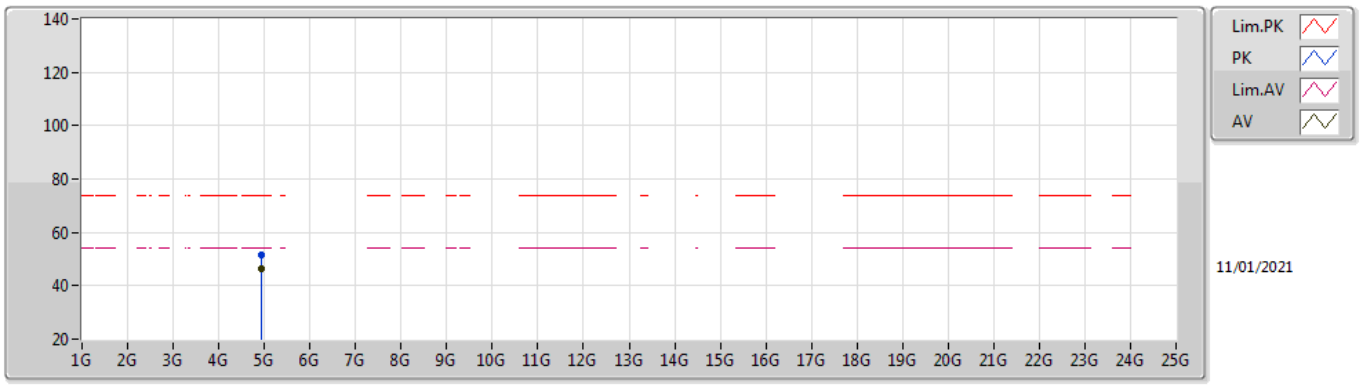
2462MHz_TX



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	2.4612G	114.92	Inf	-Inf	31.84	3	Horizontal	303	2.46	-	83.08	27.48	4.36	-
AV	2.4998G	49.24	54.00	-4.76	31.80	3	Horizontal	303	2.46	-	17.44	27.40	4.40	-
PK	2.4612G	117.30	Inf	-Inf	31.84	3	Horizontal	303	2.46	-	85.46	27.48	4.36	-
PK	2.4888G	60.71	74.00	-13.29	31.81	3	Horizontal	303	2.46	-	28.90	27.42	4.39	-

802.11b_Nss1,(1Mbps)_2TX

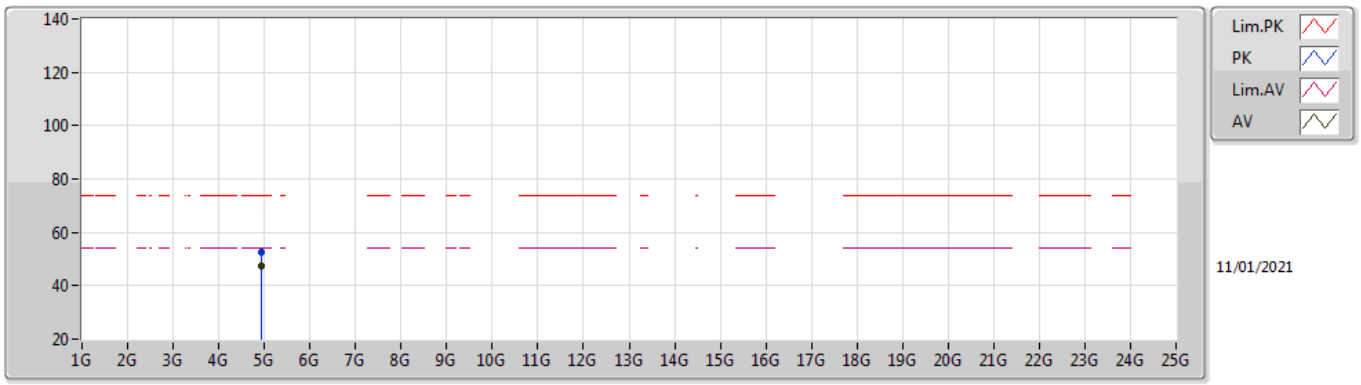
2462MHz_TX



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	4.92396G	46.48	54.00	-7.52	8.58	3	Vertical	360	2.37	-	37.90	31.15	6.62	29.19
PK	4.9238G	51.74	74.00	-22.26	8.58	3	Vertical	360	2.37	-	43.16	31.15	6.62	29.19

802.11b_Nss1,(1Mbps)_2TX

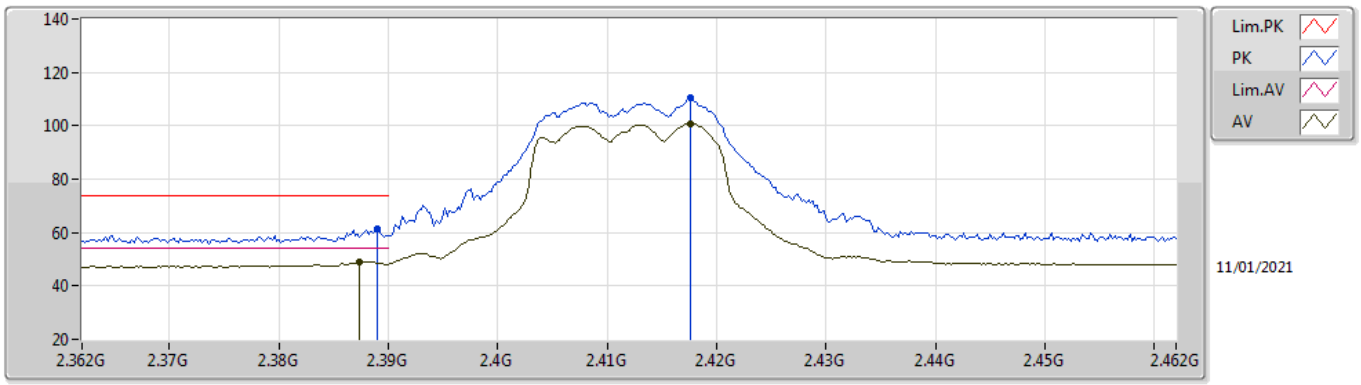
2462MHz_TX



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	4.92396G	47.52	54.00	-6.48	8.58	3	Horizontal	188	2.19	-	38.94	31.15	6.62	29.19
PK	4.9238G	52.53	74.00	-21.47	8.58	3	Horizontal	188	2.19	-	43.95	31.15	6.62	29.19

802.11g_Nss1,(6Mbps)_2TX

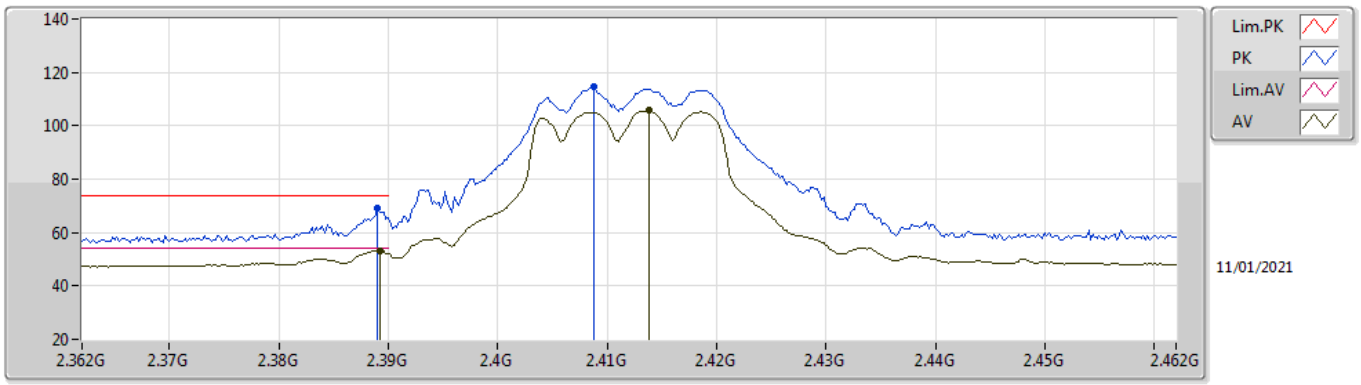
2412MHz_TX



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	2.3874G	49.00	54.00	-5.00	31.92	3	Vertical	0	1.80	-	17.08	27.63	4.29	-
AV	2.4176G	100.62	Inf	-Inf	31.88	3	Vertical	0	1.80	-	68.74	27.56	4.32	-
PK	2.389G	61.50	74.00	-12.50	31.91	3	Vertical	0	1.80	-	29.59	27.62	4.29	-
PK	2.4176G	110.57	Inf	-Inf	31.88	3	Vertical	0	1.80	-	78.69	27.56	4.32	-

802.11g_Nss1,(6Mbps)_2TX

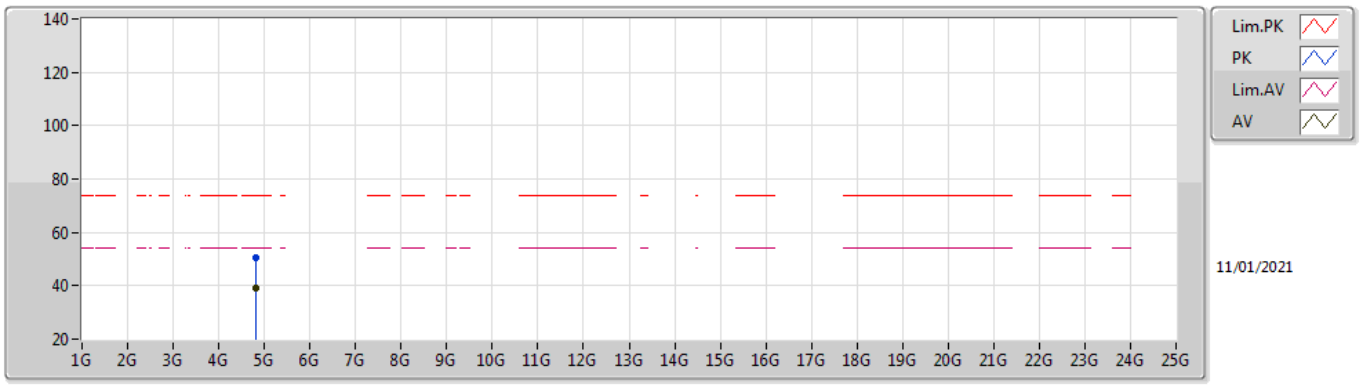
2412MHz_TX



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	2.3892G	53.17	54.00	-0.83	31.91	3	Horizontal	36	1.50	-	21.26	27.62	4.29	-
AV	2.4138G	105.64	Inf	-Inf	31.88	3	Horizontal	36	1.50	-	73.76	27.57	4.31	-
PK	2.389G	68.92	74.00	-5.08	31.91	3	Horizontal	36	1.50	-	37.01	27.62	4.29	-
PK	2.4088G	114.56	Inf	-Inf	31.89	3	Horizontal	36	1.50	-	82.67	27.58	4.31	-

802.11g_Nss1,(6Mbps)_2TX

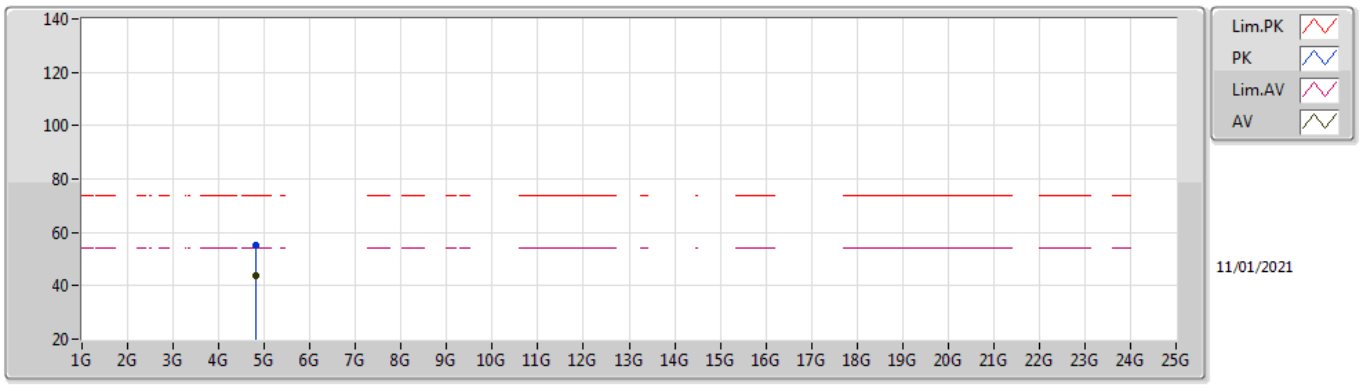
2412MHz_TX



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	4.82592G	39.03	54.00	-14.97	8.40	3	Vertical	0	1.94	-	30.63	31.10	6.53	29.23
PK	4.82596G	50.57	74.00	-23.43	8.40	3	Vertical	0	1.94	-	42.17	31.10	6.53	29.23

802.11g_Nss1,(6Mbps)_2TX

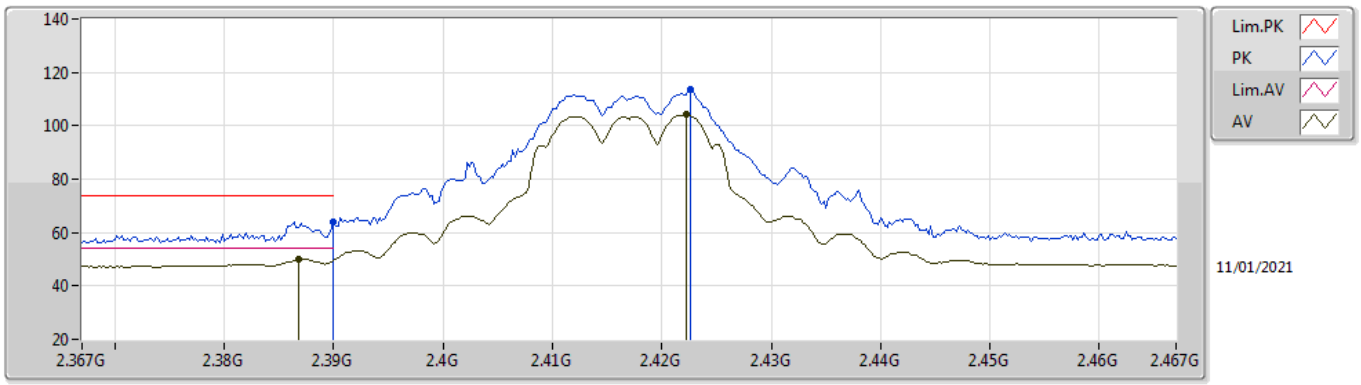
2412MHz_TX



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	4.8262G	43.72	54.00	-10.28	8.40	3	Horizontal	344	2.08	-	35.32	31.10	6.53	29.23
PK	4.8266G	55.31	74.00	-18.69	8.40	3	Horizontal	344	2.08	-	46.91	31.10	6.53	29.23

802.11g_Nss1,(6Mbps)_2TX

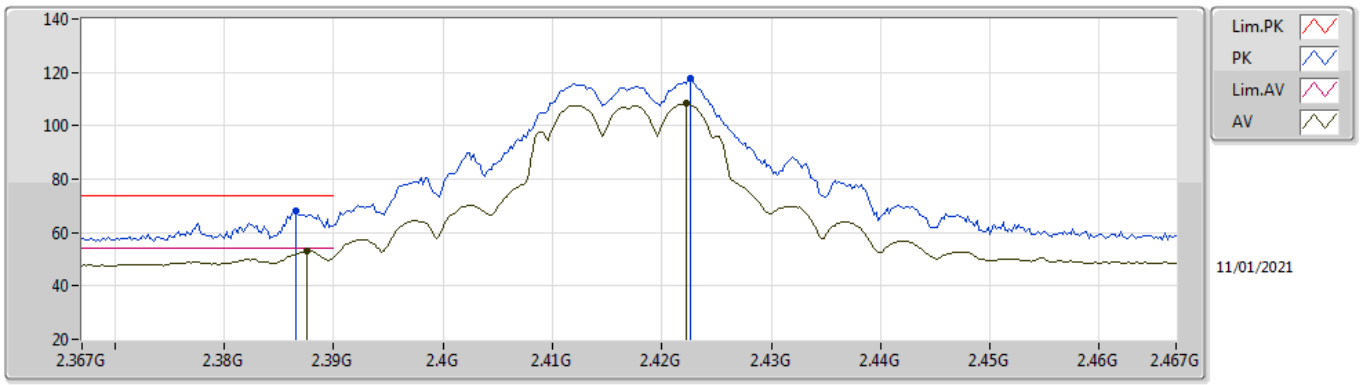
2417MHz_TX



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	2.3868G	49.84	54.00	-4.16	31.92	3	Vertical	0	2.57	-	17.92	27.63	4.29	-
AV	2.4222G	104.09	Inf	-Inf	31.88	3	Vertical	0	2.57	-	72.21	27.56	4.32	-
PK	2.39G	63.81	74.00	-10.19	31.91	3	Vertical	0	2.57	-	31.90	27.62	4.29	-
PK	2.4226G	113.47	Inf	-Inf	31.87	3	Vertical	0	2.57	-	81.60	27.55	4.32	-

802.11g_Nss1,(6Mbps)_2TX

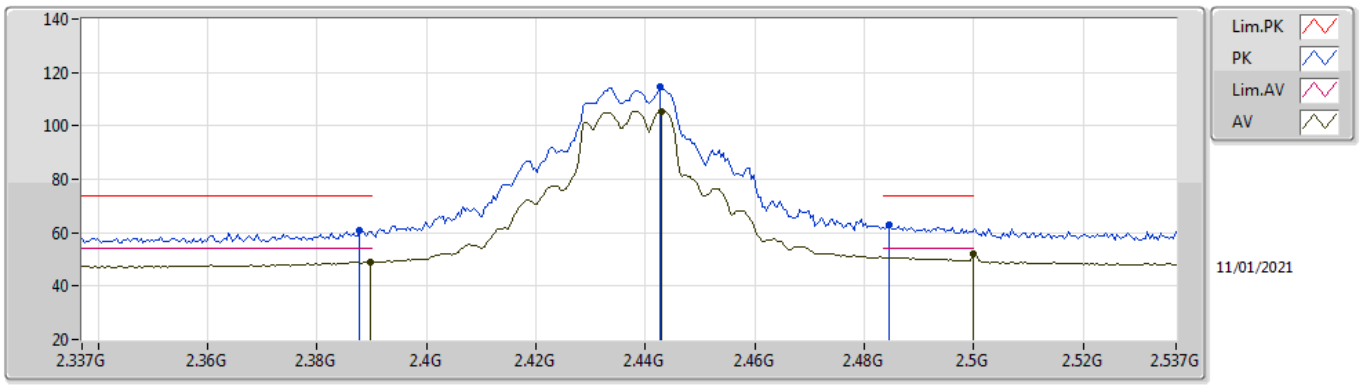
2417MHz_TX



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	2.3876G	53.02	54.00	-0.98	31.91	3	Horizontal	323	1.52	-	21.11	27.62	4.29	-
AV	2.4222G	108.25	Inf	-Inf	31.88	3	Horizontal	323	1.52	-	76.37	27.56	4.32	-
PK	2.3866G	68.28	74.00	-5.72	31.92	3	Horizontal	323	1.52	-	36.36	27.63	4.29	-
PK	2.4226G	117.66	Inf	-Inf	31.87	3	Horizontal	323	1.52	-	85.79	27.55	4.32	-

802.11g_Nss1,(6Mbps)_2TX

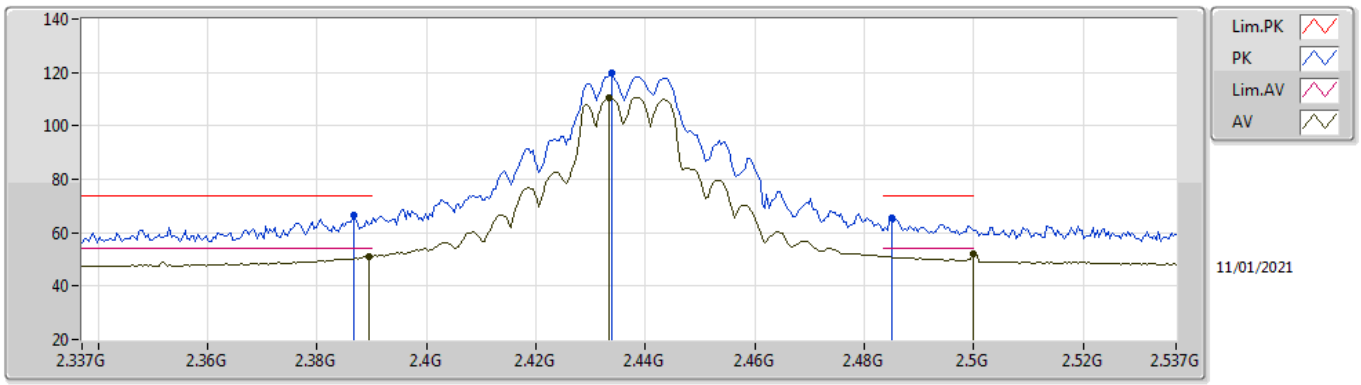
2437MHz_TX



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	49.02	54.00	-4.98	31.91	3	Vertical	18	1.78	-	17.11	27.62	4.29	-
AV	2.443G	105.47	Inf	-Inf	31.85	3	Vertical	18	1.78	-	73.62	27.51	4.34	-
AV	2.4998G	51.93	54.00	-2.07	31.80	3	Vertical	18	1.78	-	20.13	27.40	4.40	-
PK	2.3878G	61.11	74.00	-12.89	31.91	3	Vertical	18	1.78	-	29.20	27.62	4.29	-
PK	2.4426G	114.60	Inf	-Inf	31.85	3	Vertical	18	1.78	-	82.75	27.51	4.34	-
PK	2.4846G	62.94	74.00	-11.06	31.81	3	Vertical	18	1.78	-	31.13	27.43	4.38	-

802.11g_Nss1,(6Mbps)_2TX

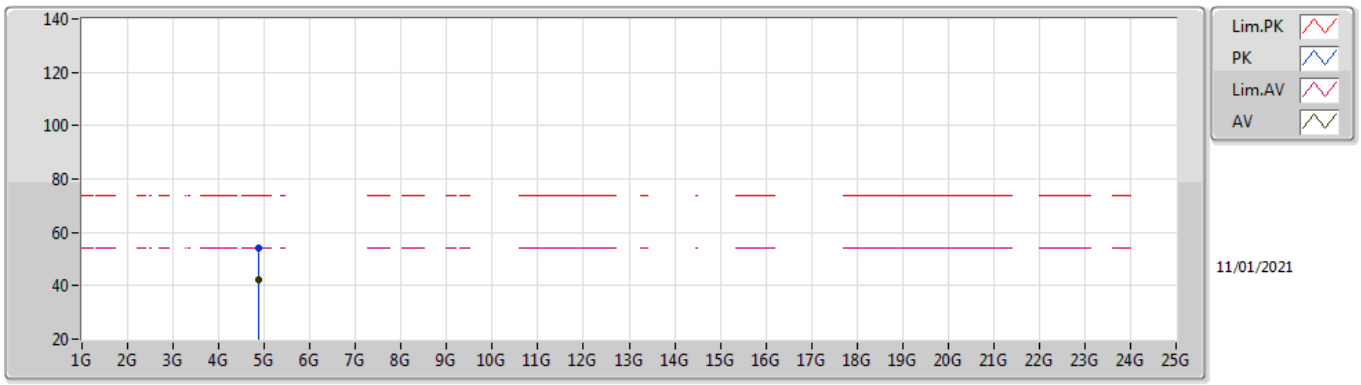
2437MHz_TX



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	2.3894G	51.00	54.00	-3.00	31.91	3	Horizontal	46	1.54	-	19.09	27.62	4.29	-
AV	2.4334G	110.53	Inf	-Inf	31.86	3	Horizontal	46	1.54	-	78.67	27.53	4.33	-
AV	2.4998G	52.10	54.00	-1.90	31.80	3	Horizontal	46	1.54	-	20.30	27.40	4.40	-
PK	2.3866G	66.61	74.00	-7.39	31.92	3	Horizontal	46	1.54	-	34.69	27.63	4.29	-
PK	2.4338G	119.80	Inf	-Inf	31.86	3	Horizontal	46	1.54	-	87.94	27.53	4.33	-
PK	2.485G	65.28	74.00	-8.72	31.81	3	Horizontal	46	1.54	-	33.47	27.43	4.38	-

802.11g_Nss1,(6Mbps)_2TX

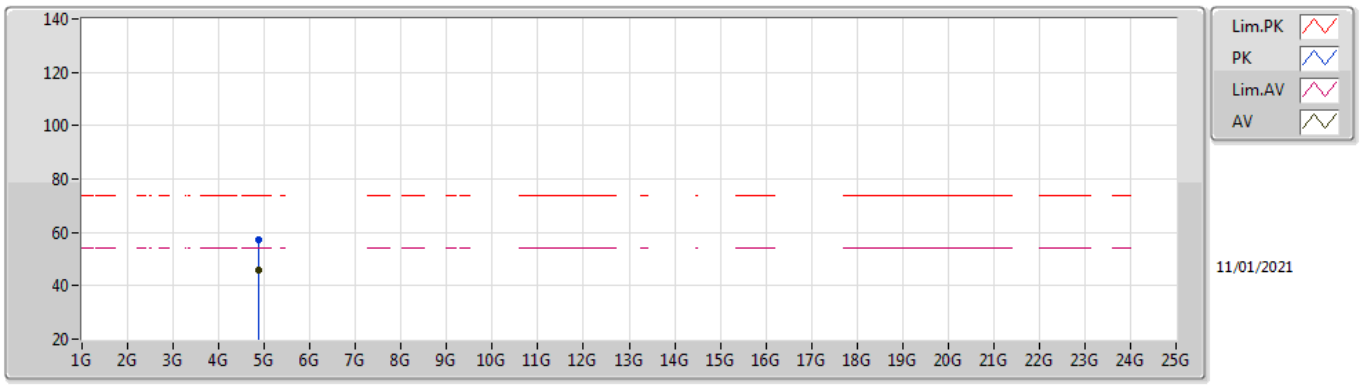
2437MHz_TX



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	4.8718G	42.05	54.00	-11.95	8.46	3	Vertical	37	1.42	-	33.59	31.10	6.57	29.21
PK	4.87168G	54.27	74.00	-19.73	8.46	3	Vertical	37	1.42	-	45.81	31.10	6.57	29.21

802.11g_Nss1,(6Mbps)_2TX

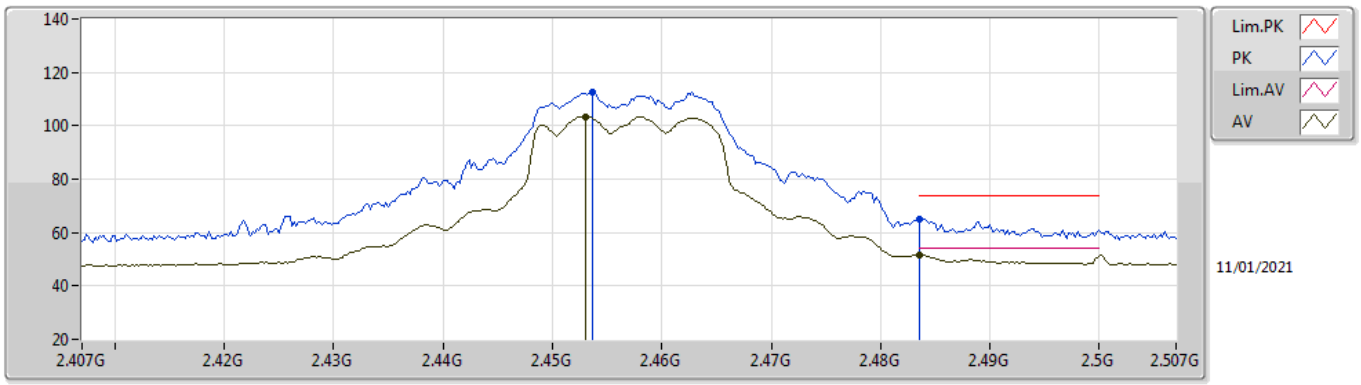
2437MHz_TX



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	4.87156G	45.62	54.00	-8.38	8.46	3	Horizontal	348	2.15	-	37.16	31.10	6.57	29.21
PK	4.87152G	57.33	74.00	-16.67	8.46	3	Horizontal	348	2.15	-	48.87	31.10	6.57	29.21

802.11g_Nss1,(6Mbps)_2TX

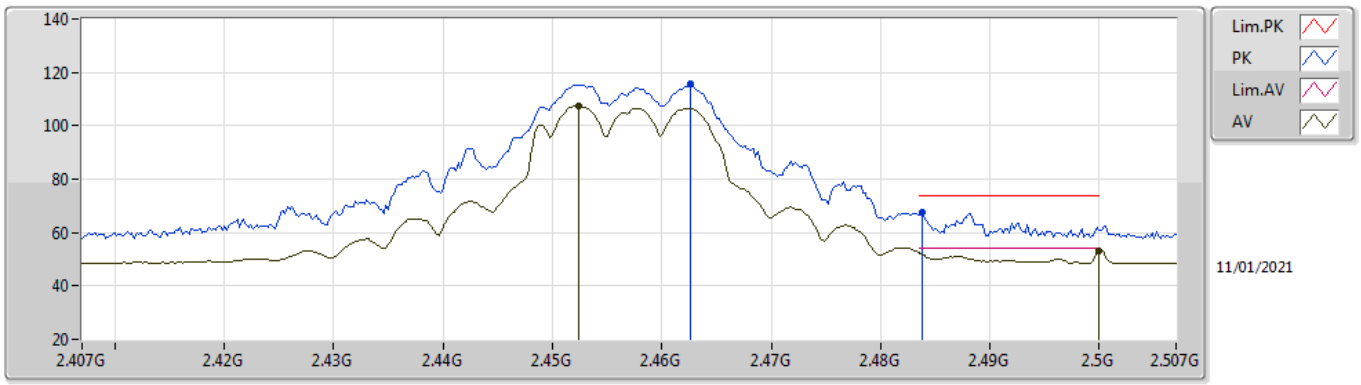
2457MHz_TX



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	2.453G	103.37	Inf	-Inf	31.84	3	Vertical	11	1.78	-	71.53	27.49	4.35	-
AV	2.4835G	51.40	54.00	-2.60	31.81	3	Vertical	11	1.78	-	19.59	27.43	4.38	-
PK	2.4536G	112.37	Inf	-Inf	31.84	3	Vertical	11	1.78	-	80.53	27.49	4.35	-
PK	2.4836G	65.20	74.00	-8.80	31.81	3	Vertical	11	1.78	-	33.39	27.43	4.38	-

802.11g_Nss1,(6Mbps)_2TX

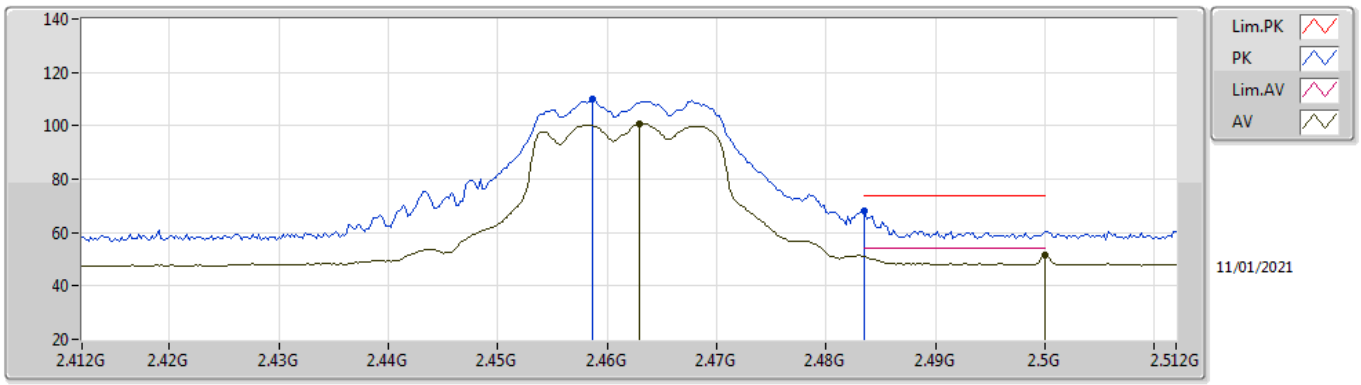
2457MHz_TX



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	2.4524G	107.46	Inf	-Inf	31.85	3	Horizontal	317	1.48	-	75.61	27.50	4.35	-
AV	2.5G	53.34	54.00	-0.66	31.80	3	Horizontal	317	1.48	-	21.54	27.40	4.40	-
PK	2.4626G	115.58	Inf	-Inf	31.83	3	Horizontal	317	1.48	-	83.75	27.47	4.36	-
PK	2.4838G	67.37	74.00	-6.63	31.81	3	Horizontal	317	1.48	-	35.56	27.43	4.38	-

802.11g_Nss1,(6Mbps)_2TX

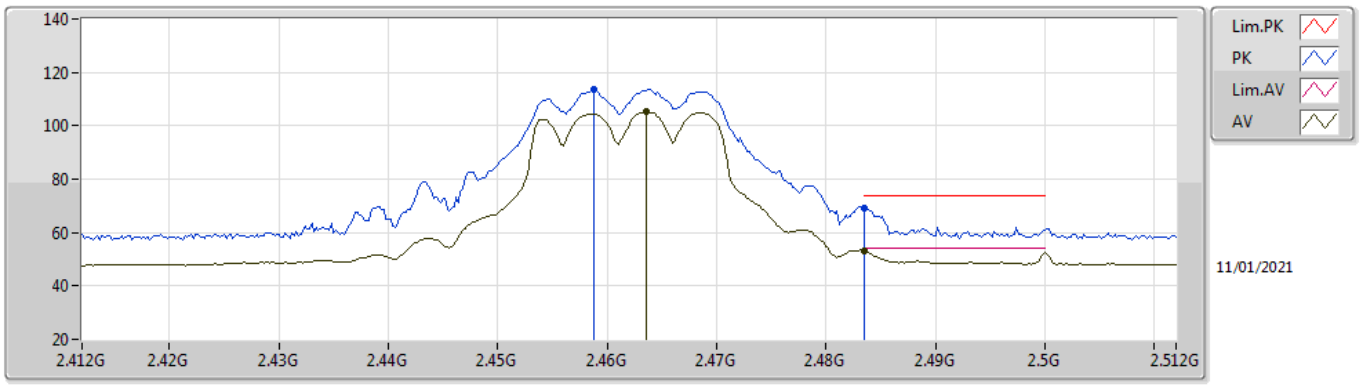
2462MHz_TX



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	2.463G	100.82	Inf	-Inf	31.83	3	Vertical	0	1.70	-	68.99	27.47	4.36	-
AV	2.5G	51.58	54.00	-2.42	31.80	3	Vertical	0	1.70	-	19.78	27.40	4.40	-
PK	2.4586G	109.78	Inf	-Inf	31.84	3	Vertical	0	1.70	-	77.94	27.48	4.36	-
PK	2.4835G	68.11	74.00	-5.89	31.81	3	Vertical	0	1.70	-	36.30	27.43	4.38	-

802.11g_Nss1,(6Mbps)_2TX

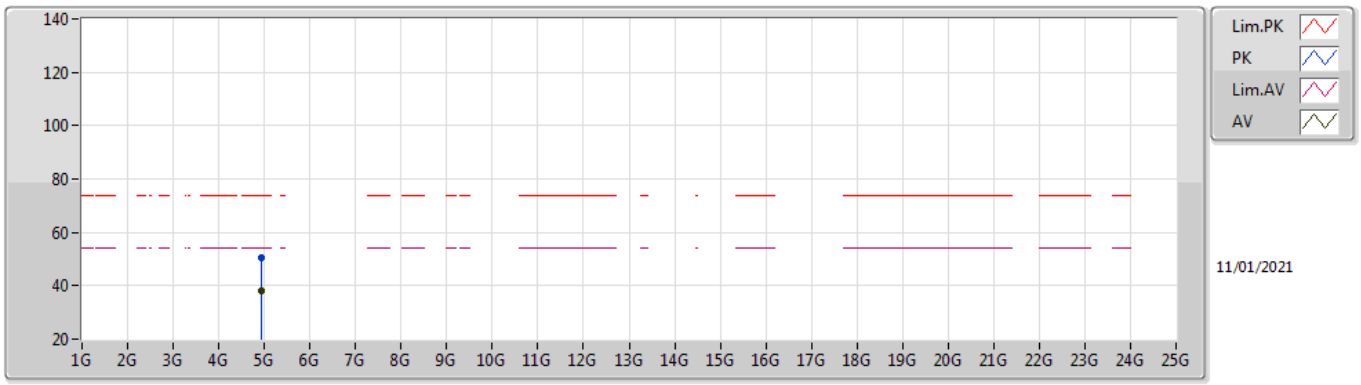
2462MHz_TX



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	105.18	Inf	-Inf	31.83	3	Horizontal	46	1.71	-	73.35	27.47	4.36	-
AV	2.4835G	53.34	54.00	-0.66	31.81	3	Horizontal	46	1.71	-	21.53	27.43	4.38	-
PK	2.4588G	113.86	Inf	-Inf	31.84	3	Horizontal	46	1.71	-	82.02	27.48	4.36	-
PK	2.4835G	69.31	74.00	-4.69	31.81	3	Horizontal	46	1.71	-	37.50	27.43	4.38	-

802.11g_Nss1,(6Mbps)_2TX

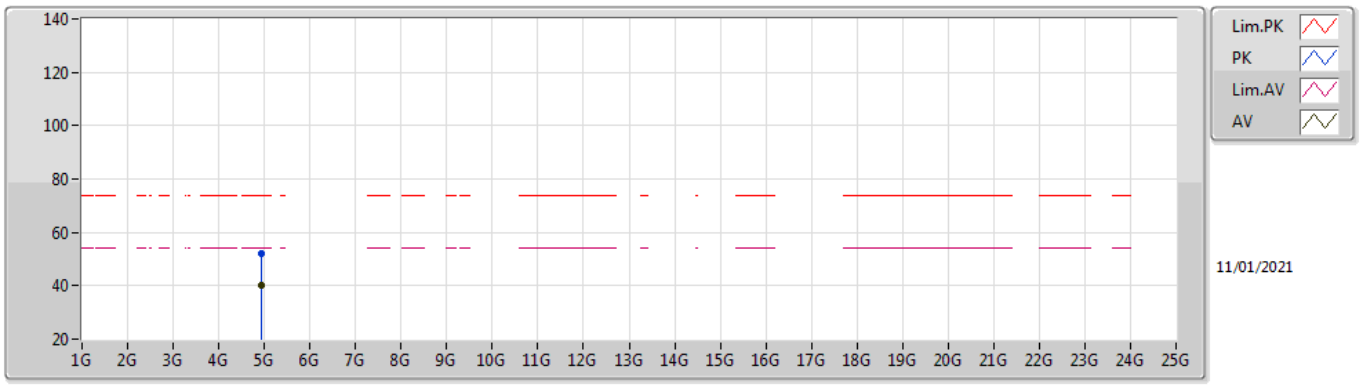
2462MHz_TX



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	4.92624G	37.92	54.00	-16.08	8.59	3	Vertical	37	1.42	-	29.33	31.15	6.63	29.19
PK	4.92148G	50.46	74.00	-23.54	8.56	3	Vertical	37	1.42	-	41.90	31.14	6.62	29.20

802.11g_Nss1,(6Mbps)_2TX

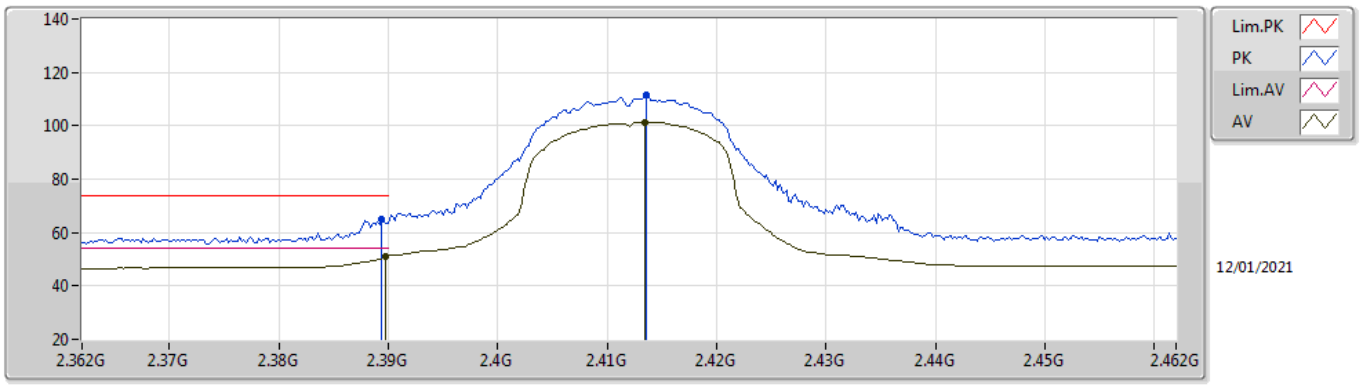
2462MHz_TX



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	4.92596G	40.23	54.00	-13.77	8.59	3	Horizontal	345	2.05	-	31.64	31.15	6.63	29.19
PK	4.926G	52.00	74.00	-22.00	8.59	3	Horizontal	345	2.05	-	43.41	31.15	6.63	29.19

802.11n HT20_Nss1,(MCS0)_2TX

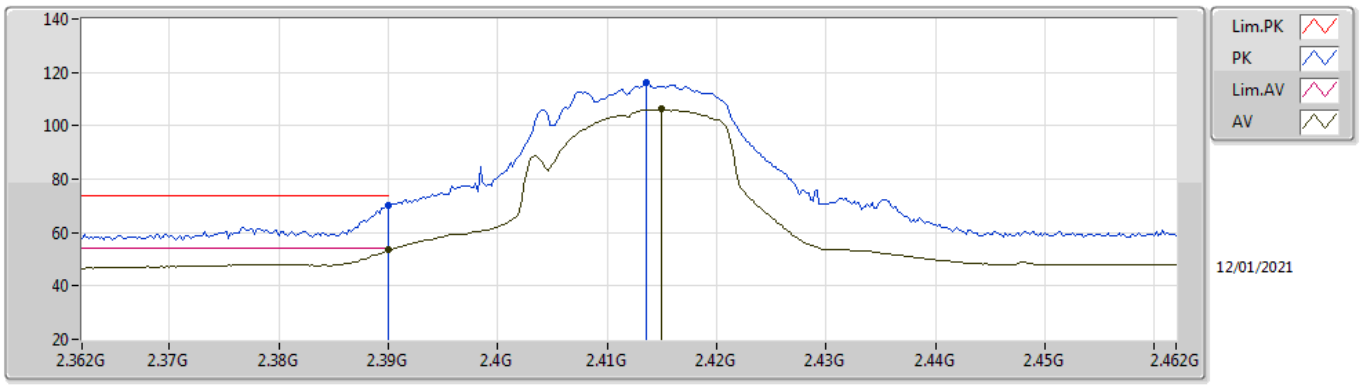
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	50.82	54.00	-3.18	31.91	3	Vertical	0	2.56	-	18.91	27.62	4.29	-
AV	2.4134G	101.45	Inf	-Inf	31.88	3	Vertical	0	2.56	-	69.57	27.57	4.31	-
PK	2.3894G	65.08	74.00	-8.92	31.91	3	Vertical	0	2.56	-	33.17	27.62	4.29	-
PK	2.4136G	111.52	Inf	-Inf	31.88	3	Vertical	0	2.56	-	79.64	27.57	4.31	-

802.11n HT20_Nss1,(MCS0)_2TX

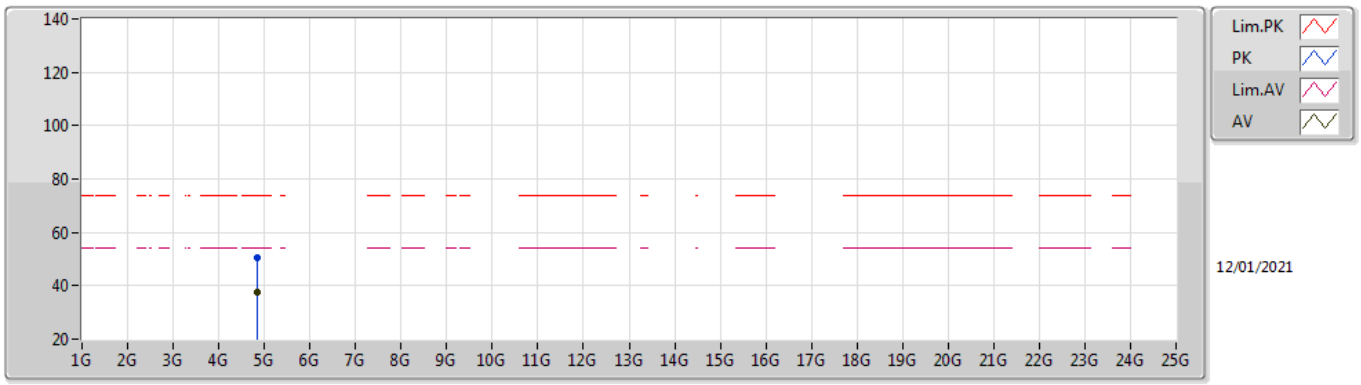
2412MHz_TX



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	53.46	54.00	-0.54	31.91	3	Horizontal	314	1.12	-	21.55	27.62	4.29	-
AV	2.415G	106.15	Inf	-Inf	31.88	3	Horizontal	314	1.12	-	74.27	27.57	4.31	-
PK	2.39G	70.07	74.00	-3.93	31.91	3	Horizontal	314	1.12	-	38.16	27.62	4.29	-
PK	2.4136G	116.00	Inf	-Inf	31.88	3	Horizontal	314	1.12	-	84.12	27.57	4.31	-

802.11n HT20_Nss1,(MCS0)_2TX

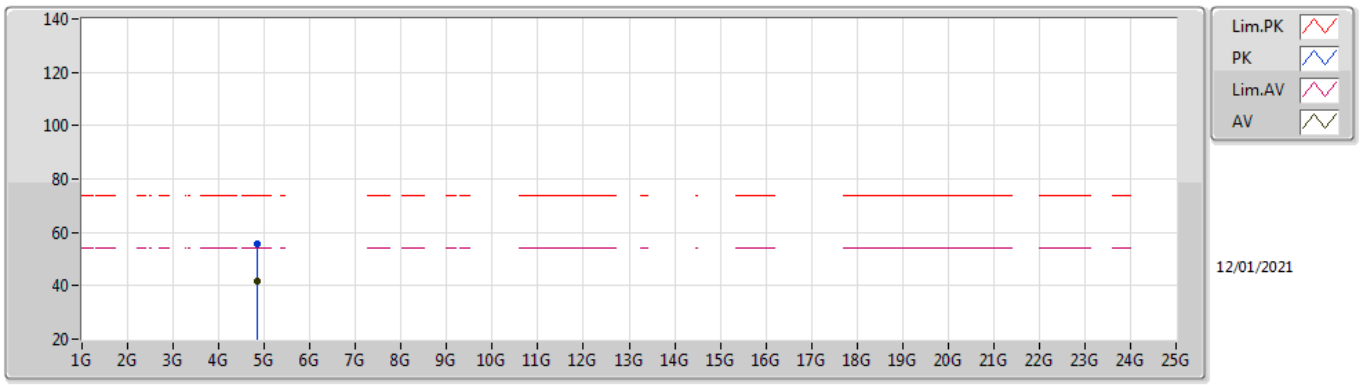
2412MHz_TX



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	4.82912G	37.77	54.00	-16.23	8.41	3	Vertical	360	1.95	-	29.36	31.10	6.53	29.22
PK	4.83196G	50.68	74.00	-23.32	8.41	3	Vertical	360	1.95	-	42.27	31.10	6.53	29.22

802.11n HT20_Nss1,(MCS0)_2TX

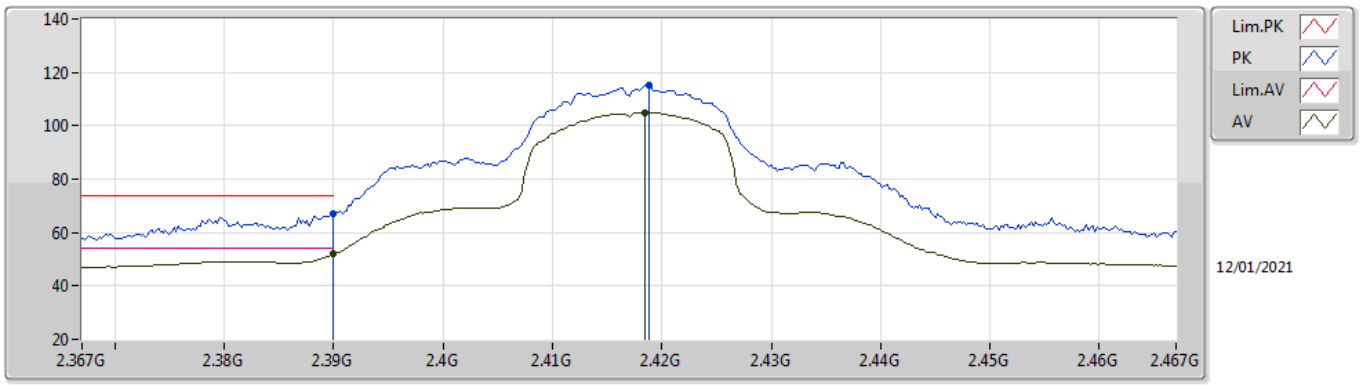
2412MHz_TX



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	4.83244G	41.87	54.00	-12.13	8.41	3	Horizontal	349	2.11	-	33.46	31.10	6.53	29.22
PK	4.83108G	55.47	74.00	-18.53	8.41	3	Horizontal	349	2.11	-	47.06	31.10	6.53	29.22

802.11n HT20_Nss1,(MCS0)_2TX

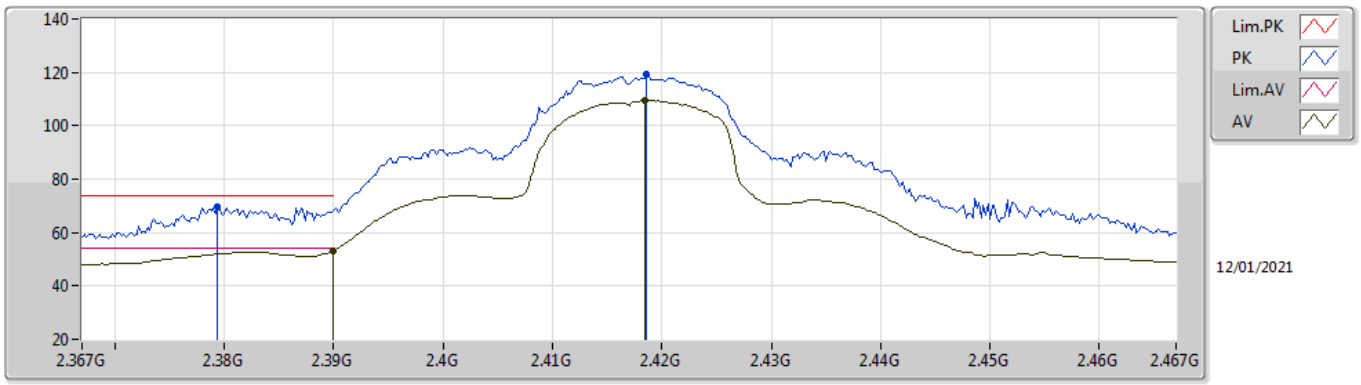
2417MHz_TX



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	51.84	54.00	-2.16	31.91	3	Vertical	360	2.57	-	19.93	27.62	4.29	-
AV	2.4184G	104.98	Inf	-Inf	31.88	3	Vertical	360	2.57	-	73.10	27.56	4.32	-
PK	2.39G	66.93	74.00	-7.07	31.91	3	Vertical	360	2.57	-	35.02	27.62	4.29	-
PK	2.4188G	115.20	Inf	-Inf	31.88	3	Vertical	360	2.57	-	83.32	27.56	4.32	-

802.11n HT20_Nss1,(MCS0)_2TX

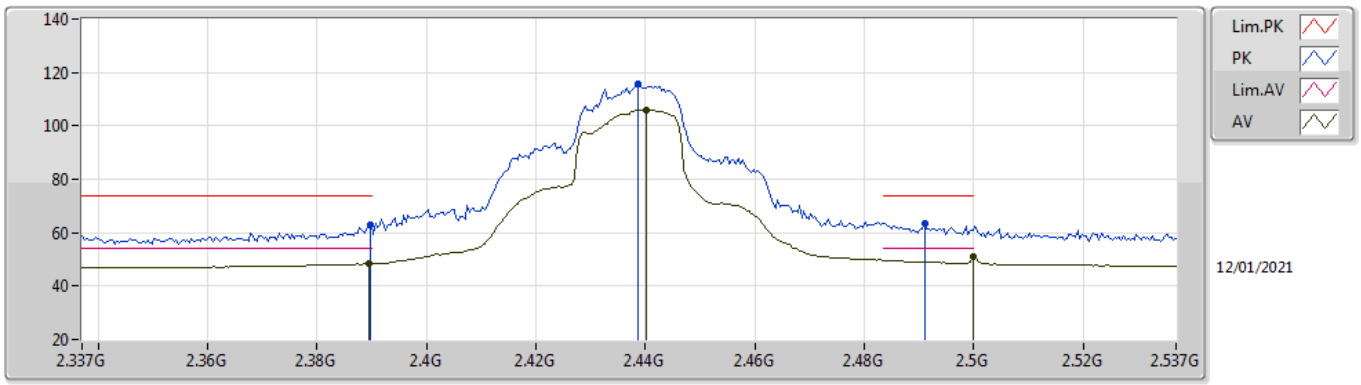
2417MHz_TX



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	53.18	54.00	-0.82	31.91	3	Horizontal	321	1.50	-	21.27	27.62	4.29	-
AV	2.4184G	109.43	Inf	-Inf	31.88	3	Horizontal	321	1.50	-	77.55	27.56	4.32	-
PK	2.3794G	69.53	74.00	-4.47	31.92	3	Horizontal	321	1.50	-	37.61	27.64	4.28	-
PK	2.4186G	119.56	Inf	-Inf	31.88	3	Horizontal	321	1.50	-	87.68	27.56	4.32	-

802.11n HT20_Nss1,(MCS0)_2TX

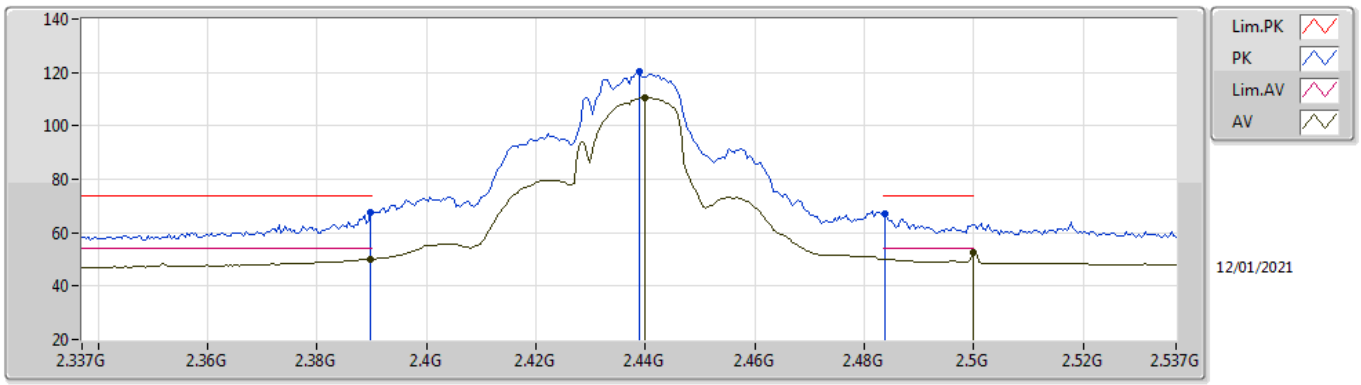
2437MHz_TX



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	2.3894G	48.32	54.00	-5.68	31.91	3	Vertical	12	2.05	-	16.41	27.62	4.29	-
AV	2.4402G	106.05	Inf	-Inf	31.86	3	Vertical	12	2.05	-	74.19	27.52	4.34	-
AV	2.4998G	50.85	54.00	-3.15	31.80	3	Vertical	12	2.05	-	19.05	27.40	4.40	-
PK	2.3898G	63.09	74.00	-10.91	31.91	3	Vertical	12	2.05	-	31.18	27.62	4.29	-
PK	2.4386G	115.75	Inf	-Inf	31.86	3	Vertical	12	2.05	-	83.89	27.52	4.34	-
PK	2.491G	63.50	74.00	-10.50	31.81	3	Vertical	12	2.05	-	31.69	27.42	4.39	-

802.11n HT20_Nss1,(MCS0)_2TX

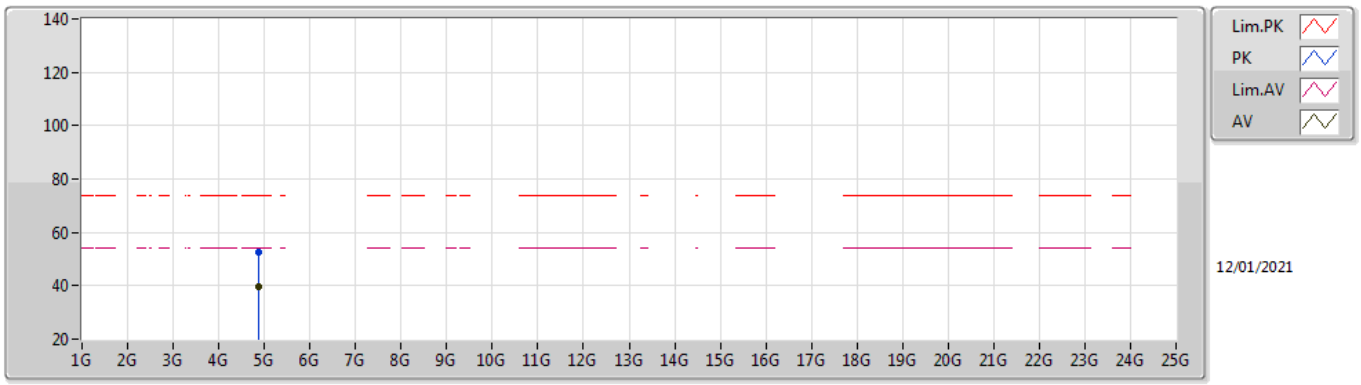
2437MHz_TX



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	50.07	54.00	-3.93	31.91	3	Horizontal	43	2.23	-	18.16	27.62	4.29	-
AV	2.4398G	110.54	Inf	-Inf	31.86	3	Horizontal	43	2.23	-	78.68	27.52	4.34	-
AV	2.4998G	52.59	54.00	-1.41	31.80	3	Horizontal	43	2.23	-	20.79	27.40	4.40	-
PK	2.3898G	67.56	74.00	-6.44	31.91	3	Horizontal	43	2.23	-	35.65	27.62	4.29	-
PK	2.439G	120.41	Inf	-Inf	31.86	3	Horizontal	43	2.23	-	88.55	27.52	4.34	-
PK	2.4838G	67.11	74.00	-6.89	31.81	3	Horizontal	43	2.23	-	35.30	27.43	4.38	-

802.11n HT20_Nss1,(MCS0)_2TX

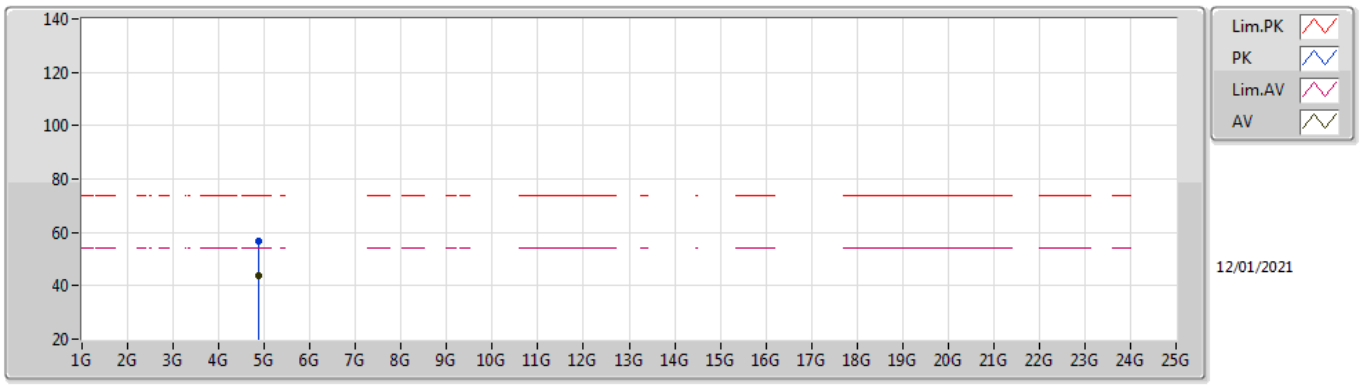
2437MHz_TX



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	4.8834G	39.51	54.00	-14.49	8.47	3	Vertical	34	1.38	-	31.04	31.10	6.58	29.21
PK	4.8834G	52.59	74.00	-21.41	8.47	3	Vertical	34	1.38	-	44.12	31.10	6.58	29.21

802.11n HT20_Nss1,(MCS0)_2TX

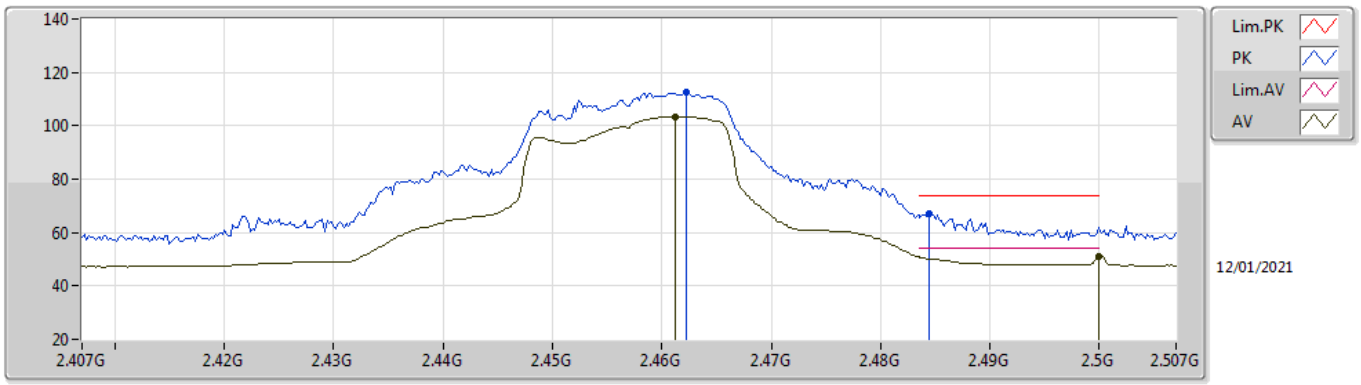
2437MHz_TX



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	4.8826G	43.73	54.00	-10.27	8.47	3	Horizontal	348	2.09	-	35.26	31.10	6.58	29.21
PK	4.88196G	56.92	74.00	-17.08	8.47	3	Horizontal	348	2.09	-	48.45	31.10	6.58	29.21

802.11n HT20_Nss1,(MCS0)_2TX

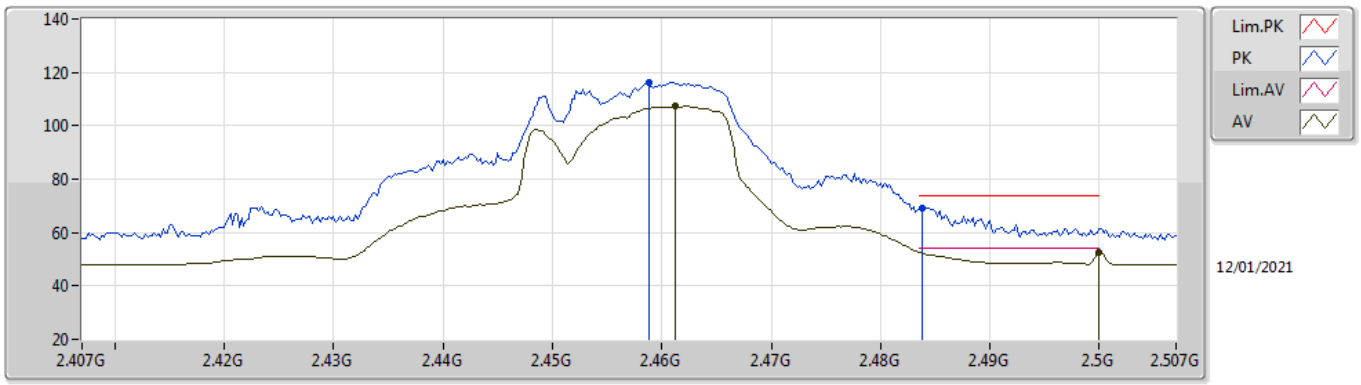
2457MHz_TX



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	2.4612G	103.45	Inf	-Inf	31.84	3	Vertical	15	1.96	-	71.61	27.48	4.36	-
AV	2.5G	51.22	54.00	-2.78	31.80	3	Vertical	15	1.96	-	19.42	27.40	4.40	-
PK	2.4622G	112.48	Inf	-Inf	31.84	3	Vertical	15	1.96	-	80.64	27.48	4.36	-
PK	2.4844G	67.17	74.00	-6.83	31.81	3	Vertical	15	1.96	-	35.36	27.43	4.38	-

802.11n HT20_Nss1,(MCS0)_2TX

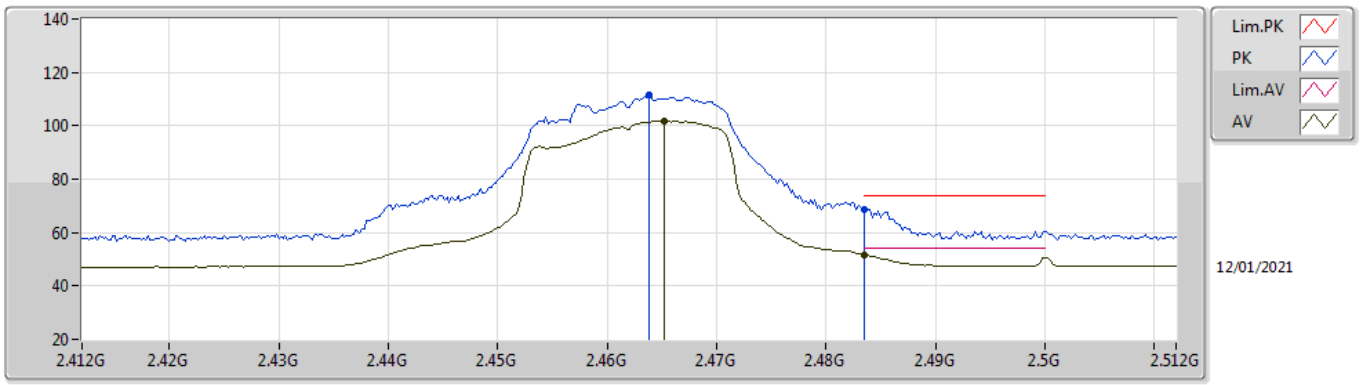
2457MHz_TX



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	2.4612G	107.27	Inf	-Inf	31.84	3	Horizontal	43	1.92	-	75.43	27.48	4.36	-
AV	2.5G	52.74	54.00	-1.26	31.80	3	Horizontal	43	1.92	-	20.94	27.40	4.40	-
PK	2.4588G	116.31	Inf	-Inf	31.84	3	Horizontal	43	1.92	-	84.47	27.48	4.36	-
PK	2.4838G	69.31	74.00	-4.69	31.81	3	Horizontal	43	1.92	-	37.50	27.43	4.38	-

802.11n HT20_Nss1,(MCS0)_2TX

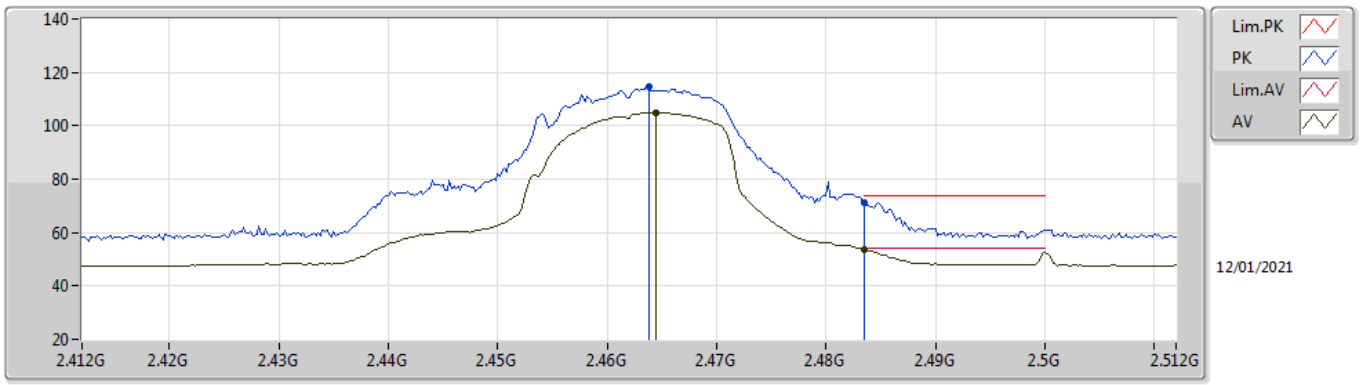
2462MHz_TX



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	2.4652G	101.76	Inf	-Inf	31.84	3	Vertical	17	1.99	-	69.92	27.47	4.37	-
AV	2.4835G	51.76	54.00	-2.24	31.81	3	Vertical	17	1.99	-	19.95	27.43	4.38	-
PK	2.4638G	111.51	Inf	-Inf	31.83	3	Vertical	17	1.99	-	79.68	27.47	4.36	-
PK	2.4835G	68.72	74.00	-5.28	31.81	3	Vertical	17	1.99	-	36.91	27.43	4.38	-

802.11n HT20_Nss1,(MCS0)_2TX

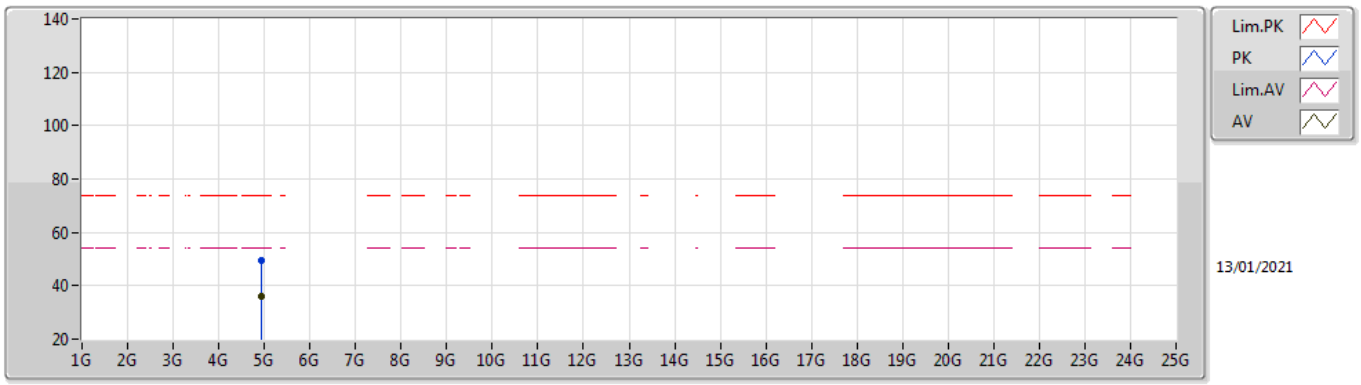
2462MHz_TX



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	2.4644G	104.99	Inf	-Inf	31.83	3	Horizontal	45	2.19	-	73.16	27.47	4.36	-
AV	2.4835G	53.76	54.00	-0.24	31.81	3	Horizontal	45	2.19	-	21.95	27.43	4.38	-
PK	2.4638G	114.81	Inf	-Inf	31.83	3	Horizontal	45	2.19	-	82.98	27.47	4.36	-
PK	2.4835G	71.37	74.00	-2.63	31.81	3	Horizontal	45	2.19	-	39.56	27.43	4.38	-

802.11n HT20_Nss1,(MCS0)_2TX

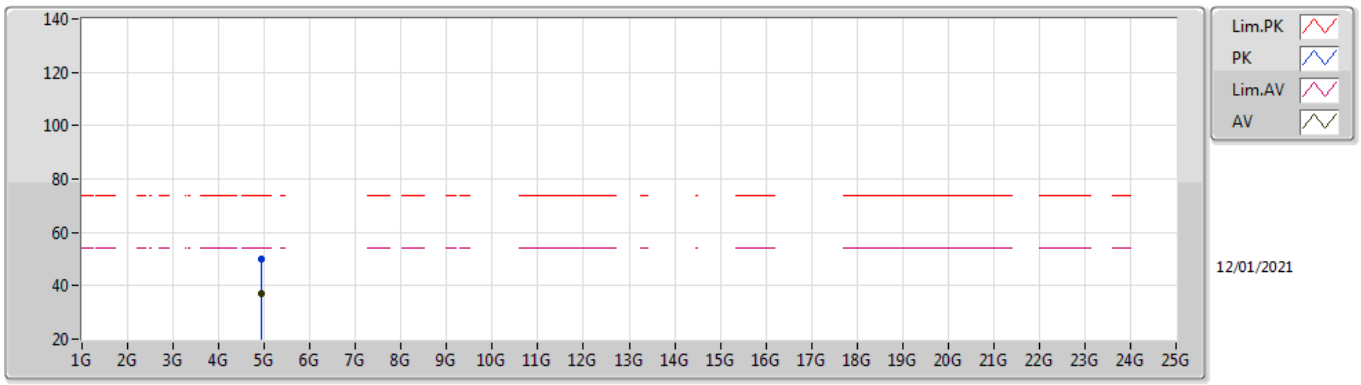
2462MHz_TX



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	4.93232G	36.10	54.00	-17.90	8.60	3	Vertical	37	1.39	-	27.50	31.16	6.63	29.19
PK	4.93104G	49.31	74.00	-24.69	8.60	3	Vertical	37	1.39	-	40.71	31.16	6.63	29.19

802.11n HT20_Nss1,(MCS0)_2TX

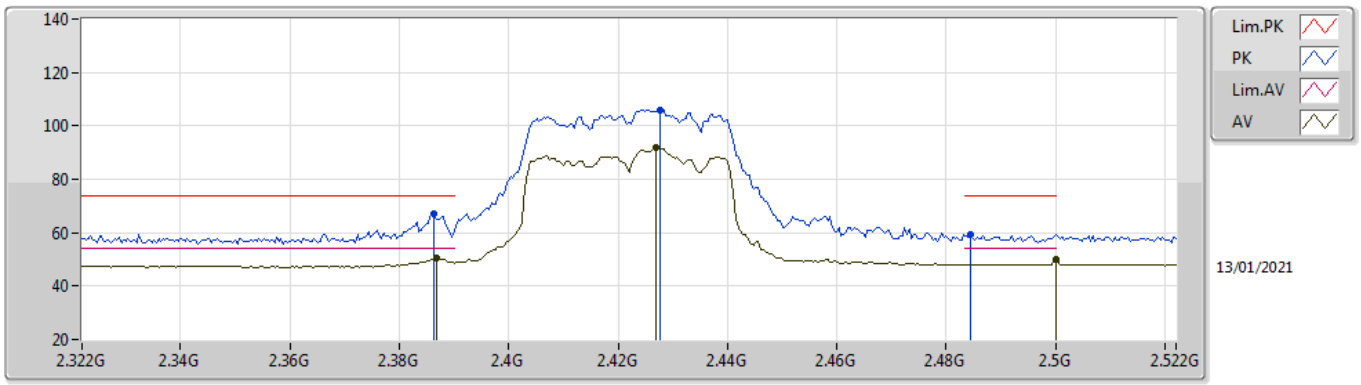
2462MHz_TX



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	4.93096G	37.04	54.00	-16.96	8.60	3	Horizontal	127	2.21	-	28.44	31.16	6.63	29.19
PK	4.92764G	49.99	74.00	-24.01	8.60	3	Horizontal	127	2.21	-	41.39	31.16	6.63	29.19

802.11n HT40_Nss1,(MCS0)_2TX

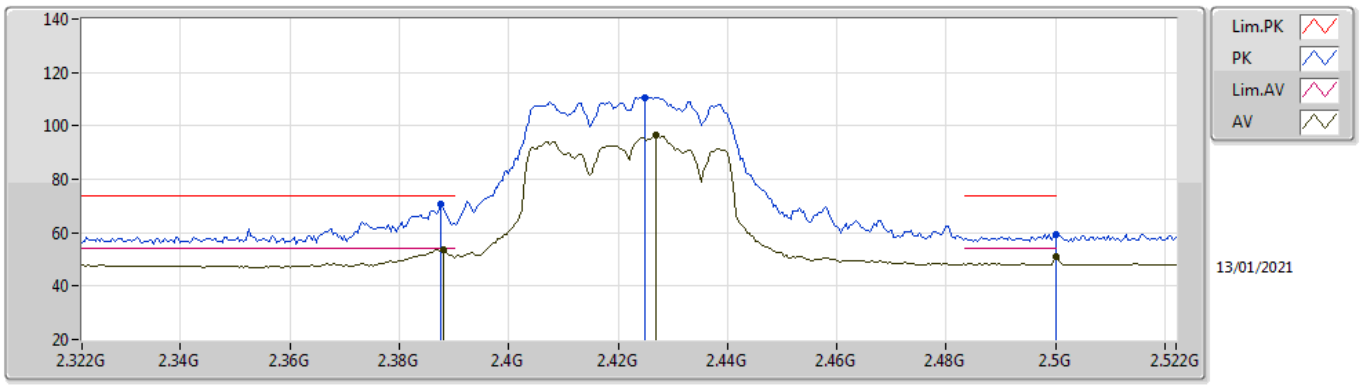
2422MHz_TX



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	2.3868G	50.59	54.00	-3.41	31.92	3	Vertical	0	2.12	-	18.67	27.63	4.29	-
AV	2.4268G	92.03	Inf	-Inf	31.88	3	Vertical	0	2.12	-	60.15	27.55	4.33	-
AV	2.5G	49.99	54.00	-4.01	31.80	3	Vertical	0	2.12	-	18.19	27.40	4.40	-
PK	2.3864G	67.04	74.00	-6.96	31.92	3	Vertical	0	2.12	-	35.12	27.63	4.29	-
PK	2.4276G	106.01	Inf	-Inf	31.87	3	Vertical	0	2.12	-	74.14	27.54	4.33	-
PK	2.4844G	59.42	74.00	-14.58	31.81	3	Vertical	0	2.12	-	27.61	27.43	4.38	-

802.11n HT40_Nss1,(MCS0)_2TX

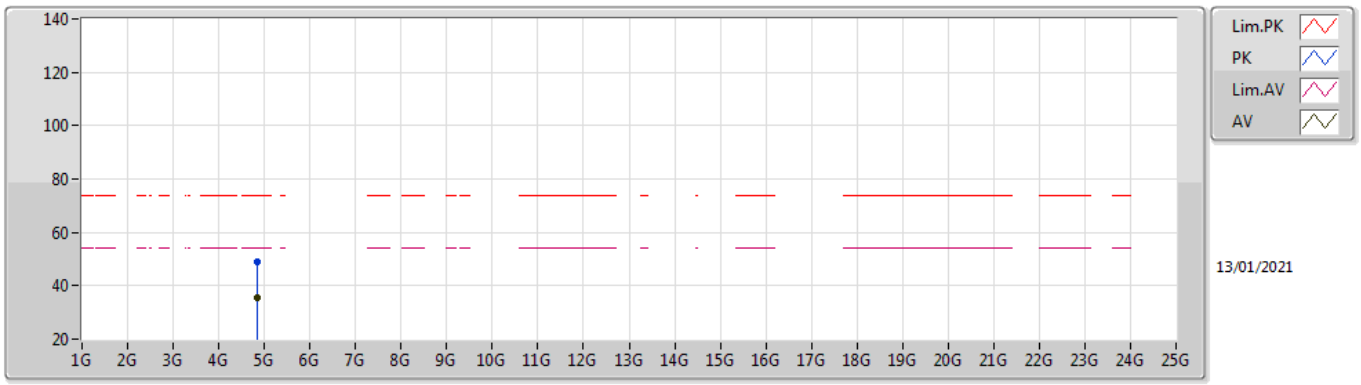
2422MHz_TX



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	2.388G	53.87	54.00	-0.13	31.91	3	Horizontal	302	1.27	-	21.96	27.62	4.29	-
AV	2.4268G	96.40	Inf	-Inf	31.88	3	Horizontal	302	1.27	-	64.52	27.55	4.33	-
AV	2.5G	51.21	54.00	-2.79	31.80	3	Horizontal	302	1.27	-	19.41	27.40	4.40	-
PK	2.3876G	70.87	74.00	-3.13	31.91	3	Horizontal	302	1.27	-	38.96	27.62	4.29	-
PK	2.4248G	110.71	Inf	-Inf	31.87	3	Horizontal	302	1.27	-	78.84	27.55	4.32	-
PK	2.5G	59.50	74.00	-14.50	31.80	3	Horizontal	302	1.27	-	27.70	27.40	4.40	-

802.11n HT40_Nss1,(MCS0)_2TX

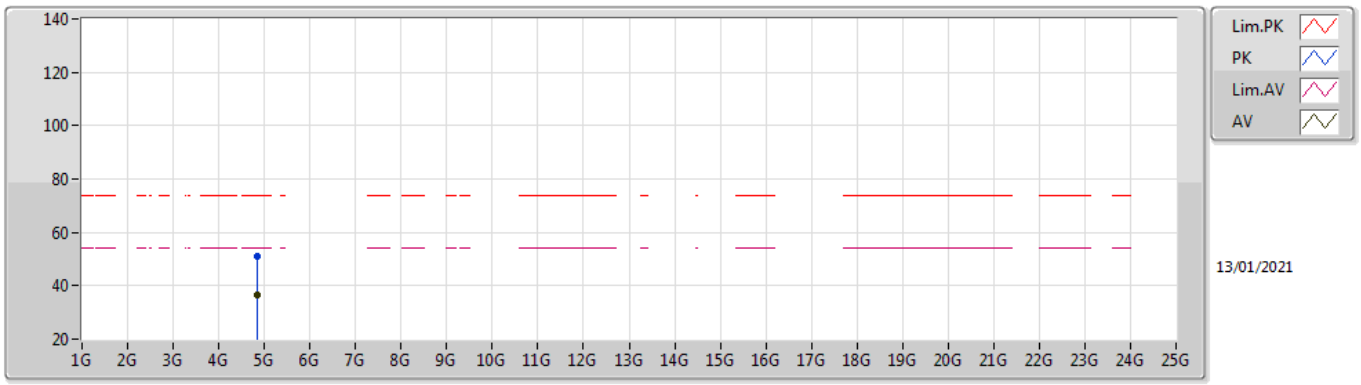
2422MHz_TX



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	4.8512G	35.56	54.00	-18.44	8.43	3	Vertical	1	2.12	-	27.13	31.10	6.55	29.22
PK	4.84128G	48.81	74.00	-25.19	8.42	3	Vertical	1	2.12	-	40.39	31.10	6.54	29.22

802.11n HT40_Nss1,(MCS0)_2TX

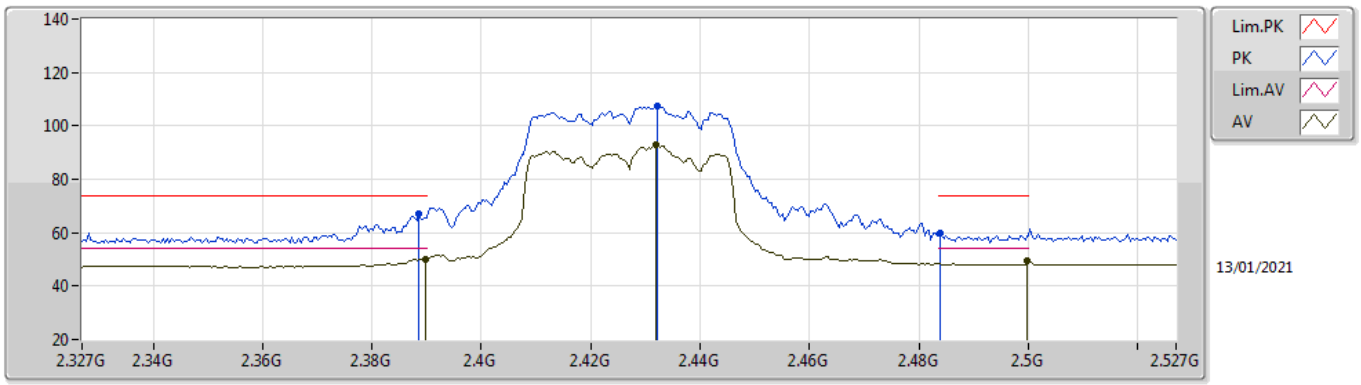
2422MHz_TX



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	4.8316G	36.66	54.00	-17.34	8.41	3	Horizontal	353	2.00	-	28.25	31.10	6.53	29.22
PK	4.84048G	51.19	74.00	-22.81	8.42	3	Horizontal	353	2.00	-	42.77	31.10	6.54	29.22

802.11n HT40_Nss1,(MCS0)_2TX

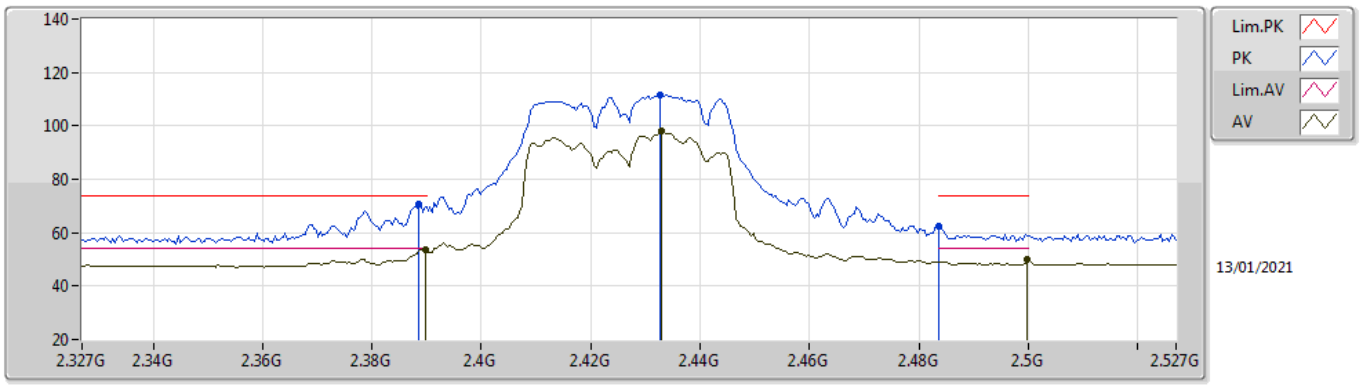
2427MHz_TX



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	50.04	54.00	-3.96	31.91	3	Vertical	1	2.12	-	18.13	27.62	4.29	-
AV	2.4318G	92.98	Inf	-Inf	31.87	3	Vertical	1	2.12	-	61.11	27.54	4.33	-
AV	2.4998G	49.55	54.00	-4.45	31.80	3	Vertical	1	2.12	-	17.75	27.40	4.40	-
PK	2.3886G	67.00	74.00	-7.00	31.91	3	Vertical	1	2.12	-	35.09	27.62	4.29	-
PK	2.4322G	107.17	Inf	-Inf	31.87	3	Vertical	1	2.12	-	75.30	27.54	4.33	-
PK	2.4838G	60.06	74.00	-13.94	31.81	3	Vertical	1	2.12	-	28.25	27.43	4.38	-

802.11n HT40_Nss1,(MCS0)_2TX

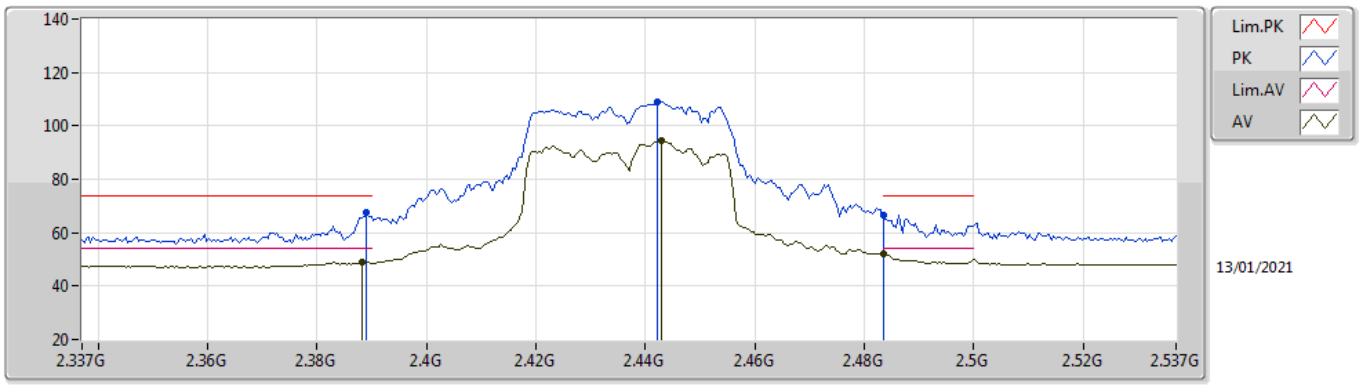
2427MHz_TX



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	53.63	54.00	-0.37	31.91	3	Horizontal	47	1.55	-	21.72	27.62	4.29	-
AV	2.433G	97.98	Inf	-Inf	31.86	3	Horizontal	47	1.55	-	66.12	27.53	4.33	-
AV	2.4998G	49.77	54.00	-4.23	31.80	3	Horizontal	47	1.55	-	17.97	27.40	4.40	-
PK	2.3886G	70.59	74.00	-3.41	31.91	3	Horizontal	47	1.55	-	38.68	27.62	4.29	-
PK	2.4326G	111.63	Inf	-Inf	31.86	3	Horizontal	47	1.55	-	79.77	27.53	4.33	-
PK	2.4835G	62.26	74.00	-11.74	31.81	3	Horizontal	47	1.55	-	30.45	27.43	4.38	-

802.11n HT40_Nss1,(MCS0)_2TX

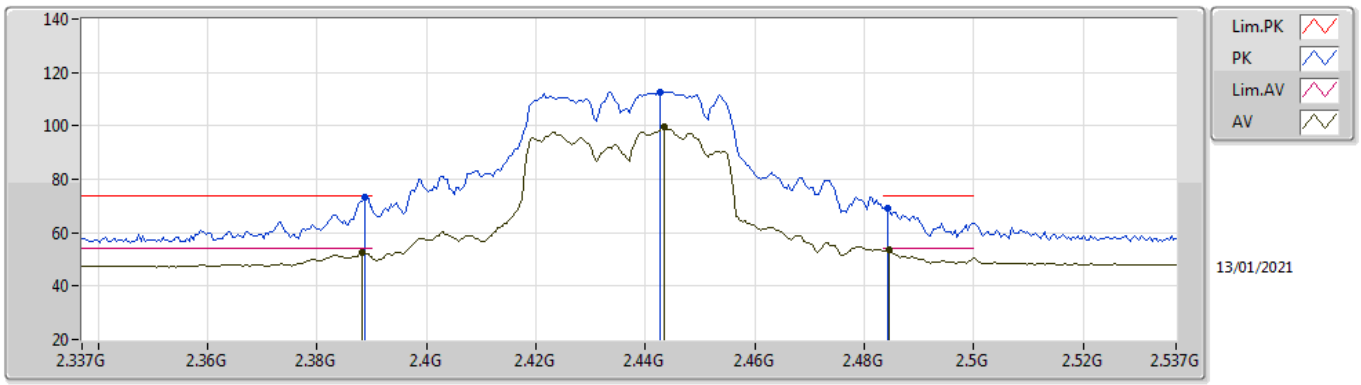
2437MHz_TX



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	2.3882G	49.17	54.00	-4.83	31.91	3	Vertical	359	1.45	-	17.26	27.62	4.29	-
AV	2.443G	94.70	Inf	-Inf	31.85	3	Vertical	359	1.45	-	62.85	27.51	4.34	-
AV	2.4835G	51.93	54.00	-2.07	31.81	3	Vertical	359	1.45	-	20.12	27.43	4.38	-
PK	2.389G	67.34	74.00	-6.66	31.91	3	Vertical	359	1.45	-	35.43	27.62	4.29	-
PK	2.4422G	109.12	Inf	-Inf	31.86	3	Vertical	359	1.45	-	77.26	27.52	4.34	-
PK	2.4835G	66.76	74.00	-7.24	31.81	3	Vertical	359	1.45	-	34.95	27.43	4.38	-

802.11n HT40_Nss1,(MCS0)_2TX

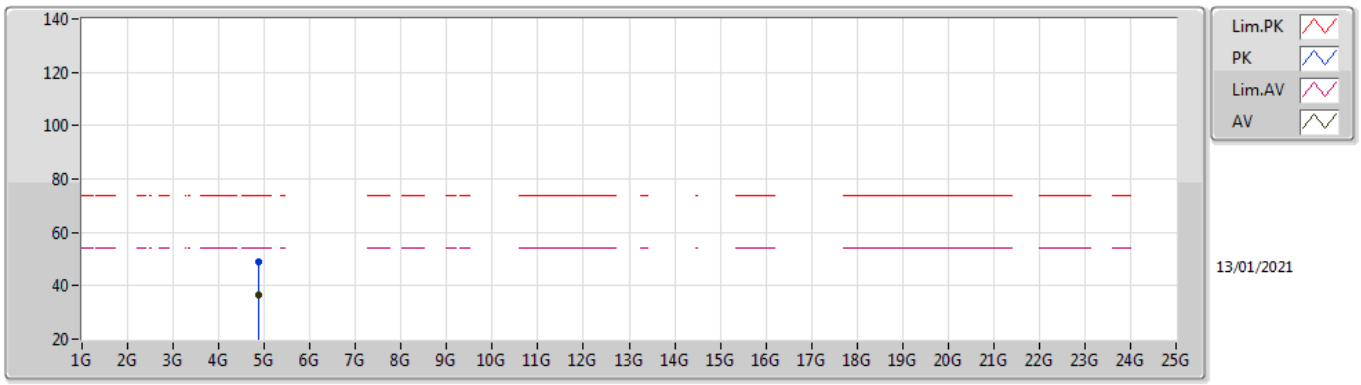
2437MHz_TX



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	2.3882G	52.47	54.00	-1.53	31.91	3	Horizontal	60	1.44	-	20.56	27.62	4.29	-
AV	2.4434G	99.69	Inf	-Inf	31.85	3	Horizontal	60	1.44	-	67.84	27.51	4.34	-
AV	2.4846G	53.37	54.00	-0.63	31.81	3	Horizontal	60	1.44	-	21.56	27.43	4.38	-
PK	2.3886G	73.47	74.00	-0.53	31.91	3	Horizontal	60	1.44	-	41.56	27.62	4.29	-
PK	2.4426G	112.84	Inf	-Inf	31.85	3	Horizontal	60	1.44	-	80.99	27.51	4.34	-
PK	2.4842G	69.09	74.00	-4.91	31.81	3	Horizontal	60	1.44	-	37.28	27.43	4.38	-

802.11n HT40_Nss1,(MCS0)_2TX

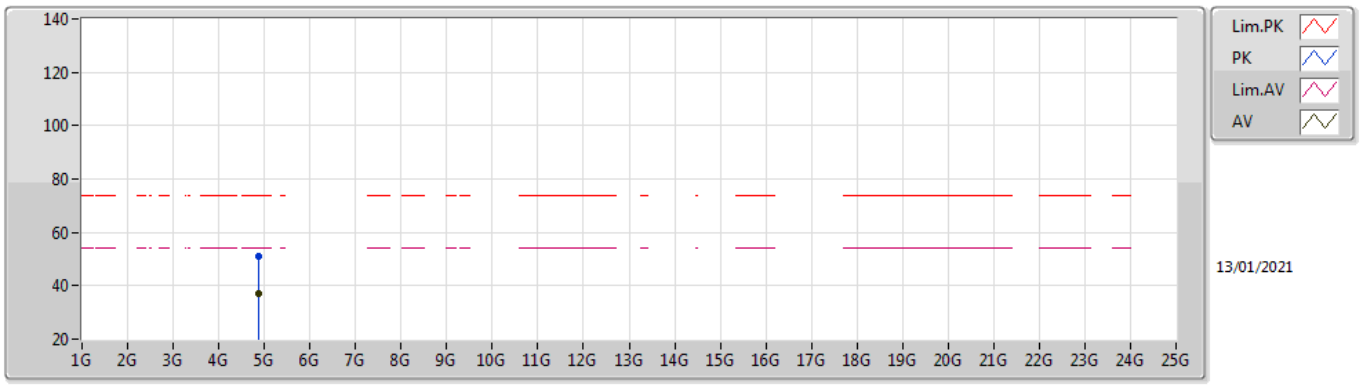
2437MHz_TX



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	4.88128G	36.39	54.00	-17.61	8.47	3	Vertical	39	1.55	-	27.92	31.10	6.58	29.21
PK	4.88168G	48.84	74.00	-25.16	8.47	3	Vertical	39	1.55	-	40.37	31.10	6.58	29.21

802.11n HT40_Nss1,(MCS0)_2TX

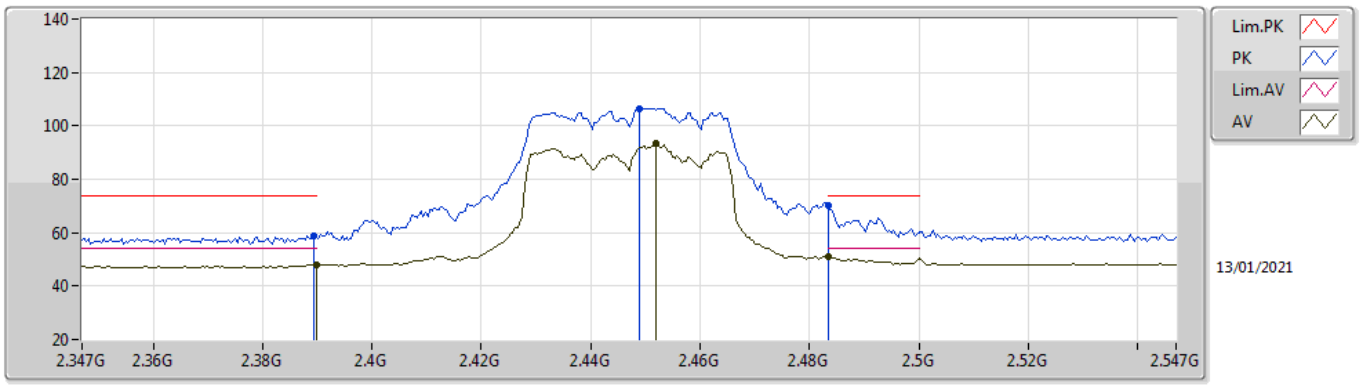
2437MHz_TX



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	4.88144G	37.07	54.00	-16.93	8.47	3	Horizontal	134	1.46	-	28.60	31.10	6.58	29.21
PK	4.87104G	50.80	74.00	-23.20	8.46	3	Horizontal	134	1.46	-	42.34	31.10	6.57	29.21

802.11n HT40_Nss1,(MCS0)_2TX

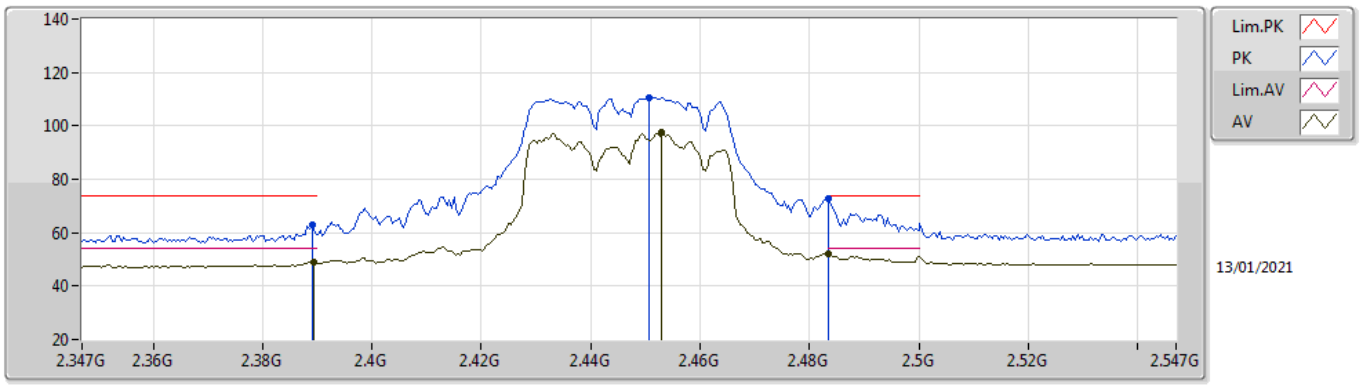
2447MHz_TX



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	47.74	54.00	-6.26	31.91	3	Vertical	0	1.76	-	15.83	27.62	4.29	-
AV	2.4518G	93.39	Inf	-Inf	31.85	3	Vertical	0	1.76	-	61.54	27.50	4.35	-
AV	2.4835G	51.01	54.00	-2.99	31.81	3	Vertical	0	1.76	-	19.20	27.43	4.38	-
PK	2.3894G	59.05	74.00	-14.95	31.91	3	Vertical	0	1.76	-	27.14	27.62	4.29	-
PK	2.449G	106.61	Inf	-Inf	31.85	3	Vertical	0	1.76	-	74.76	27.50	4.35	-
PK	2.4835G	70.25	74.00	-3.75	31.81	3	Vertical	0	1.76	-	38.44	27.43	4.38	-

802.11n HT40_Nss1,(MCS0)_2TX

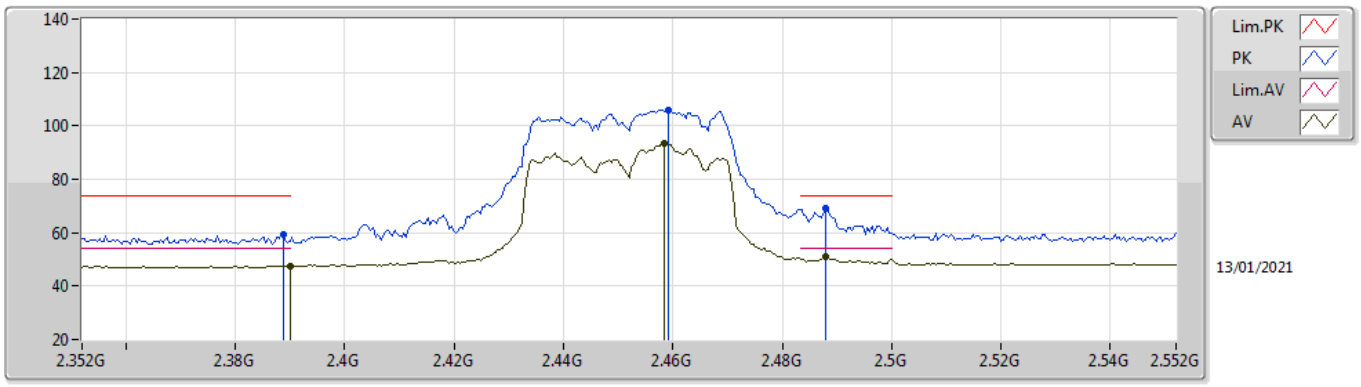
2447MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3894G	48.73	54.00	-5.27	31.91	3	Horizontal	48	1.76	-	16.82	27.62	4.29	-
AV	2.453G	97.70	Inf	-Inf	31.84	3	Horizontal	48	1.76	-	65.86	27.49	4.35	-
AV	2.4835G	52.10	54.00	-1.90	31.81	3	Horizontal	48	1.76	-	20.29	27.43	4.38	-
PK	2.389G	62.80	74.00	-11.20	31.91	3	Horizontal	48	1.76	-	30.89	27.62	4.29	-
PK	2.4506G	110.41	Inf	-Inf	31.85	3	Horizontal	48	1.76	-	78.56	27.50	4.35	-
PK	2.4835G	72.98	74.00	-1.02	31.81	3	Horizontal	48	1.76	-	41.17	27.43	4.38	-

802.11n HT40_Nss1,(MCS0)_2TX

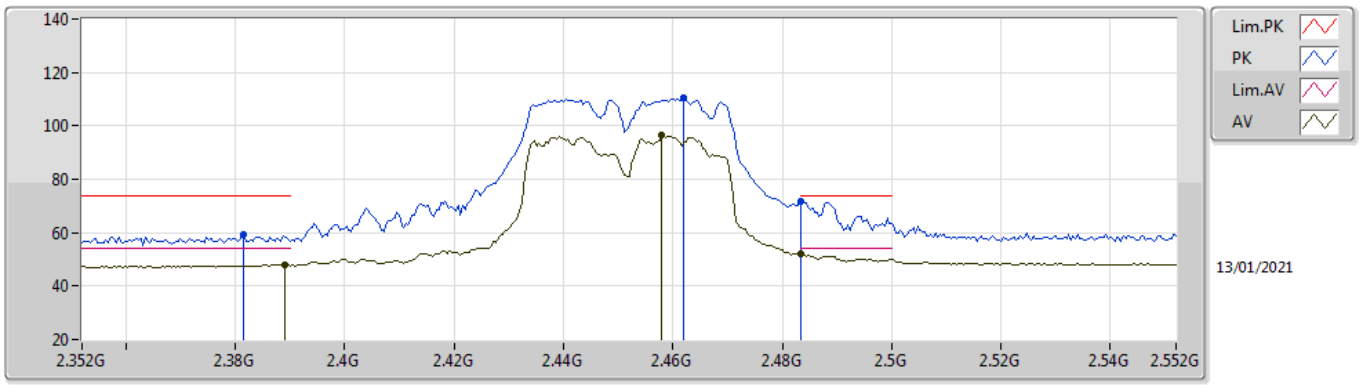
2452MHz_TX



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	47.47	54.00	-6.53	31.91	3	Vertical	357	1.36	-	15.56	27.62	4.29	-
AV	2.4584G	93.54	Inf	-Inf	31.84	3	Vertical	357	1.36	-	61.70	27.48	4.36	-
AV	2.488G	50.82	54.00	-3.18	31.81	3	Vertical	357	1.36	-	19.01	27.42	4.39	-
PK	2.3888G	59.26	74.00	-14.74	31.91	3	Vertical	357	1.36	-	27.35	27.62	4.29	-
PK	2.4592G	105.69	Inf	-Inf	31.84	3	Vertical	357	1.36	-	73.85	27.48	4.36	-
PK	2.488G	69.02	74.00	-4.98	31.81	3	Vertical	357	1.36	-	37.21	27.42	4.39	-

802.11n HT40_Nss1,(MCS0)_2TX

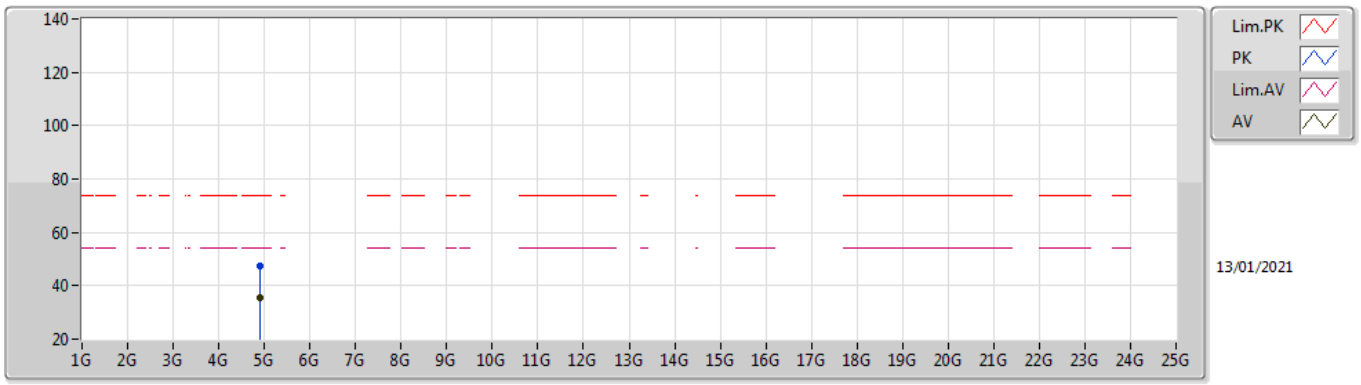
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3892G	47.99	54.00	-6.01	31.91	3	Horizontal	59	1.14	-	16.08	27.62	4.29	-
AV	2.458G	96.35	Inf	-Inf	31.84	3	Horizontal	59	1.14	-	64.51	27.48	4.36	-
AV	2.4835G	52.10	54.00	-1.90	31.81	3	Horizontal	59	1.14	-	20.29	27.43	4.38	-
PK	2.3816G	59.13	74.00	-14.87	31.92	3	Horizontal	59	1.14	-	27.21	27.64	4.28	-
PK	2.462G	110.26	Inf	-Inf	31.84	3	Horizontal	59	1.14	-	78.42	27.48	4.36	-
PK	2.4835G	71.87	74.00	-2.13	31.81	3	Horizontal	59	1.14	-	40.06	27.43	4.38	-

802.11n HT40_Nss1,(MCS0)_2TX

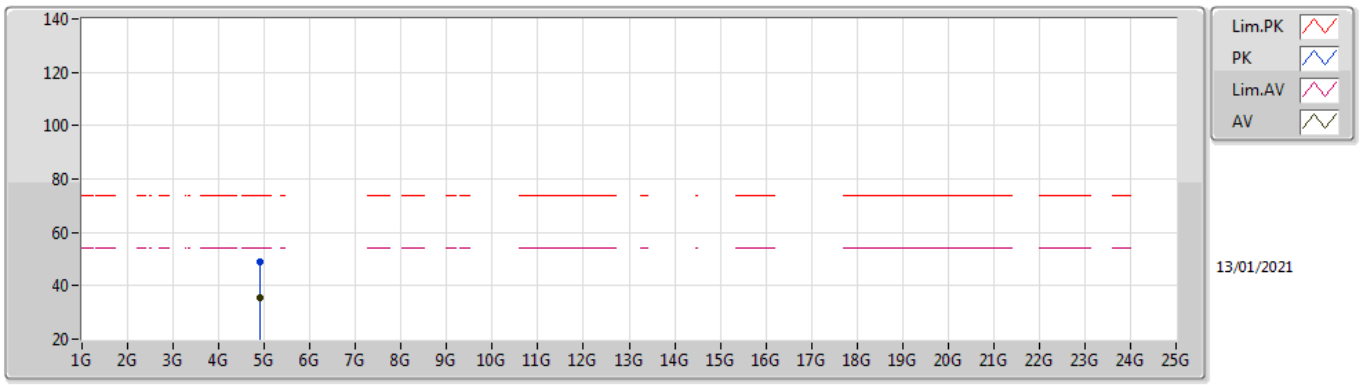
2452MHz_TX



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	4.904G	35.39	54.00	-18.61	8.51	3	Vertical	186	2.19	-	26.88	31.11	6.60	29.20
PK	4.89184G	47.25	74.00	-26.75	8.49	3	Vertical	186	2.19	-	38.76	31.10	6.59	29.20

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_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	4.91152G	35.72	54.00	-18.28	8.53	3	Horizontal	137	1.78	-	27.19	31.12	6.61	29.20
PK	4.91112G	49.12	74.00	-24.88	8.53	3	Horizontal	137	1.78	-	40.59	31.12	6.61	29.20

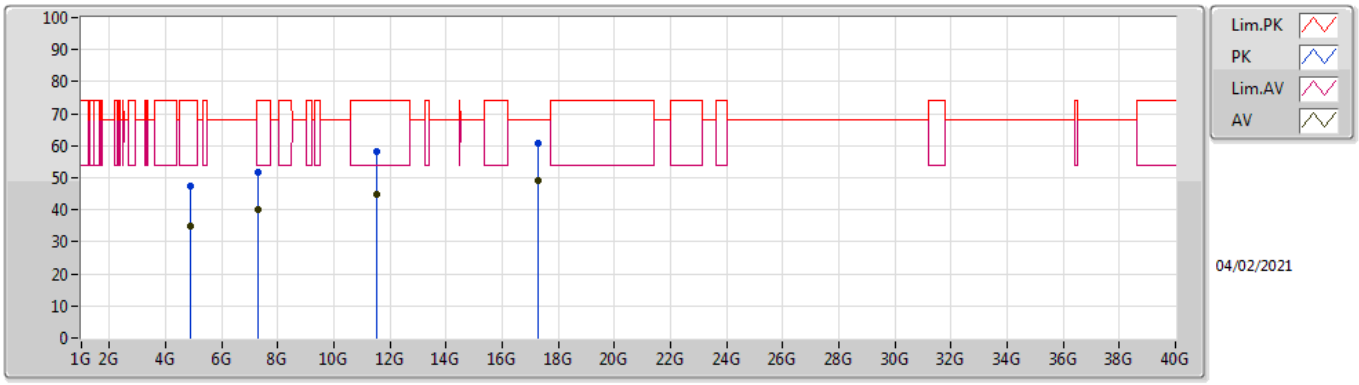
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	17.265G	61.92	68.20	-6.28	Horizontal

Mode Configure

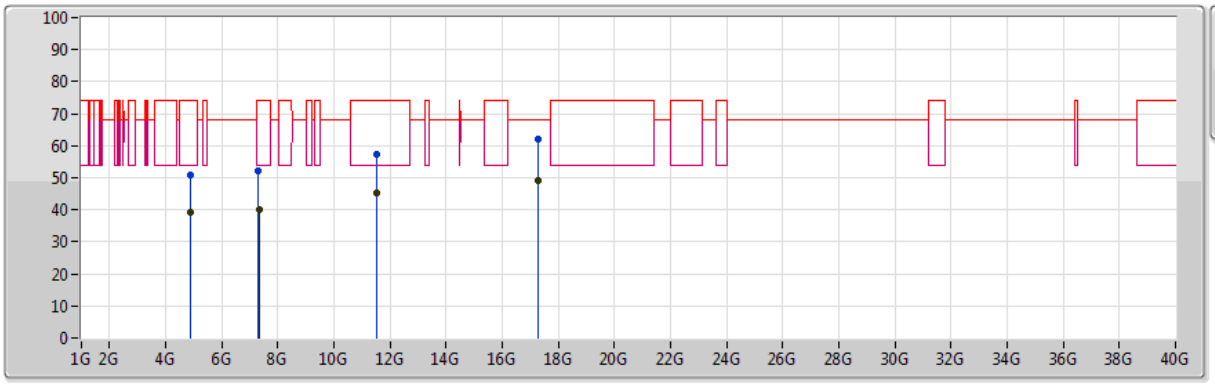
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1	Pass	AV	4.8761G	34.79	54.00	-19.21	3	Vertical	168	2.57	-
Mode 1	Pass	AV	7.3097G	40.10	54.00	-13.90	3	Vertical	90	1.00	-
Mode 1	Pass	AV	11.53206G	44.77	54.00	-9.23	3	Vertical	130	2.11	-
Mode 1	Pass	AV	17.265G	48.93	68.20	-19.27	3	Vertical	33	1.60	-
Mode 1	Pass	PK	4.86771G	47.35	74.00	-26.65	3	Vertical	168	2.57	-
Mode 1	Pass	PK	7.29673G	51.85	74.00	-22.15	3	Vertical	90	1.00	-
Mode 1	Pass	PK	11.53206G	57.99	74.00	-16.01	3	Vertical	130	2.11	-
Mode 1	Pass	PK	17.265G	60.85	68.20	-7.35	3	Vertical	33	1.60	-
Mode 1	Pass	AV	4.8739G	39.15	54.00	-14.85	3	Horizontal	52	1.27	-
Mode 1	Pass	AV	7.32377G	40.06	54.00	-13.94	3	Horizontal	37	1.99	-
Mode 1	Pass	AV	11.5099G	45.31	54.00	-8.69	3	Horizontal	164	2.85	-
Mode 1	Pass	AV	17.265G	49.19	68.20	-19.01	3	Horizontal	48	1.50	-
Mode 1	Pass	PK	4.87071G	50.87	74.00	-23.13	3	Horizontal	52	1.27	-
Mode 1	Pass	PK	7.30591G	51.98	74.00	-22.02	3	Horizontal	37	1.99	-
Mode 1	Pass	PK	11.53206G	57.18	74.00	-16.82	3	Horizontal	164	2.85	-
Mode 1	Pass	PK	17.265G	61.92	68.20	-6.28	3	Horizontal	48	1.50	-

Radiated Emissions above 1GHz_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
AV	4.8761G	34.79	54.00	-19.21	8.47	3	Vertical	168	2.57	-	26.32	31.10	6.58	29.21
AV	7.3097G	40.10	54.00	-13.90	13.76	3	Vertical	90	1.00	-	26.34	36.32	7.60	30.16
AV	11.53206G	44.77	54.00	-9.23	19.09	3	Vertical	130	2.11	-	25.68	39.97	9.49	30.37
AV	17.265G	48.93	68.20	-19.27	21.93	3	Vertical	33	1.60	-	27.00	40.46	12.20	30.73
PK	4.86771G	47.35	74.00	-26.65	8.46	3	Vertical	168	2.57	-	38.89	31.10	6.57	29.21
PK	7.29673G	51.85	74.00	-22.15	13.75	3	Vertical	90	1.00	-	38.10	36.30	7.60	30.15
PK	11.53206G	57.99	74.00	-16.01	19.09	3	Vertical	130	2.11	-	38.90	39.97	9.49	30.37
PK	17.265G	60.85	68.20	-7.35	21.94	3	Vertical	33	1.60	-	38.91	40.47	12.20	30.73

Radiated Emissions above 1GHz_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
AV	4.8739G	39.15	54.00	-14.85	8.46	3	Horizontal	52	1.27	-	30.69	31.10	6.57	29.21
AV	7.32377G	40.06	54.00	-13.94	13.78	3	Horizontal	37	1.99	-	26.28	36.35	7.60	30.17
AV	11.5099G	45.31	54.00	-8.69	19.09	3	Horizontal	164	2.85	-	26.22	39.99	9.48	30.38
AV	17.265G	49.19	68.20	-19.01	21.93	3	Horizontal	48	1.50	-	27.26	40.46	12.20	30.73
PK	4.87071G	50.87	74.00	-23.13	8.46	3	Horizontal	52	1.27	-	42.41	31.10	6.57	29.21
PK	7.30591G	51.98	74.00	-22.02	13.75	3	Horizontal	37	1.99	-	38.23	36.31	7.60	30.16
PK	11.53206G	57.18	74.00	-16.82	19.09	3	Horizontal	164	2.85	-	38.09	39.97	9.49	30.37
PK	17.265G	61.92	68.20	-6.28	21.94	3	Horizontal	48	1.50	-	39.98	40.47	12.20	30.73