FCC Test Report

FCC ID	:	**JNZVR0019**
Equipment	:	**Camera and Speakerphone unit**
Brand Name	:	**Logitech**
Model Name	:	**VR0019**
Applicant	:	**LOGITECH FAR EAST LTD. 2 Creation Rd. 4, Science-Based Ind. Park Hsinchu Taiwan, R.O.C.**
Manufacturer	:	**Microelectronics Technology Inc. No. 1, Innovation Road II, Hsinchu Science Park, Hsinchu 300, Taiwan, R.O.C.**
Standard	:	**47 CFR FCC Part 15.247**

The product was received on Oct. 06, 2020, and testing was started from Oct. 26, 2020 and completed on Dec. 23, 2020. 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
FR0O2810AC	01	Initial issue of report	Jan. 07, 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: Sam Tsai

Report Producer: Jenny Yang

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	FIH	PCB	Monopole	Murata
2	FIH	PCB	Monopole	Murata

Ant.	Port	Gain (dBi)					
		2.4G	5G Band 1	5G Band 2	5G Band 3	5G Band 4	BT
1	1	6.91	8.84	8.81	8.66	7.02	6.91
2	2	4.99	7.59	7.20	6.09	6.46	-

Note 1: The EUT has two antennas.

For 2.4 GHz function:

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

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

For 5 GHz function:

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

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

For Bluetooth function:

For Bluetooth mode (1TX/1RX)

Only Ant. 1 (port 1) can be used as transmitting/receiving antenna.

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From Power Adapter			
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	0.992	0.03	12.435m	10
802.11g_Nss1,(6Mbps)_2TX	0.984	0.07	2.067m	10
802.11n HT20_Nss1,(MCS0)_2TX	0.983	0.07	1.928m	10
802.11n HT40_Nss1,(MCS0)_2TX	0.951	0.22	952u	3k

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

1.2 Testing Applied Standards

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

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

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

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

1.3 Testing Location Information

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	CO04-HY	Edward Wang	22.5~24.3°C / 56~ 63%	04/Nov/2020
RF Conducted	TH01-HY	Vivi Jiang	23.1~26.9°C / 50~62%	01/Dec/2020~ 17/Dec/2020
Radiated	03CH03-HY	Daniel Lin	22.6~25.9°C / 50~53%	26/Oct/2020~ 23/Dec/2020

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	QRCTv00074.101-30-20_06_01_09

Mode	Radiated Setting	Conducted Setting
802.11b_Nss1,(1Mbps)_2TX	-	-
2412MHz	17.5	17.5
2417MHz	18	18
2437MHz	20	20
2457MHz	19.5	19.5
2462MHz	19.5	19.5
802.11g_Nss1,(6Mbps)_2TX	-	-
2412MHz	13	13
2417MHz	16.5	16.5
2437MHz	19.5	19.5
2457MHz	18	18
2462MHz	16	16
802.11n HT20_Nss1,(MCS0)_2TX	-	-
2412MHz	13	13
2417MHz	16.5	16.5
2437MHz	20	20
2457MHz	18	18
2462MHz	15	15
802.11n HT40_Nss1,(MCS0)_2TX	-	-
2422MHz	10	10
2427MHz	9.5	9.5
2437MHz	11.5	11.5
2447MHz	9.5	9.5
2452MHz	9	9

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	Adapter Mode

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

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

2.4 Accessories

Accessories				
AC Adapter	Brand Name	LOGI	Model Name	DSA-90PFE-19 3 190474
	Manufacturer	LOGI	SN	2027000061
	Power Rating	I/P: 100 - 240 Vac, 1.5 A, O/P: 19Vdc, 4.74 A		
	Power Cord	1 meter, non-shielded cable, w/o ferrite core		
Power Cable	Brand Name	LOGI	Model Name	502-001092
	Signal Line	1 meter, non-shielded cable, w/o ferrite core		
HDMI Cable	Brand Name	LOGI	Model Name	502-001199
	Signal Line	2.0 meter, non-shielded cable, w/o ferrite core		
USB Cable	Brand Name	LOGI	Model Name	502-001065
	Signal Line	2.meter, non-shielded cable, w/o ferrite core		
Remote Control	Brand Name	LOGI	Model Name	RR0016
Remote Control Stand	Brand Name	LOGI	Model Name	RR0016

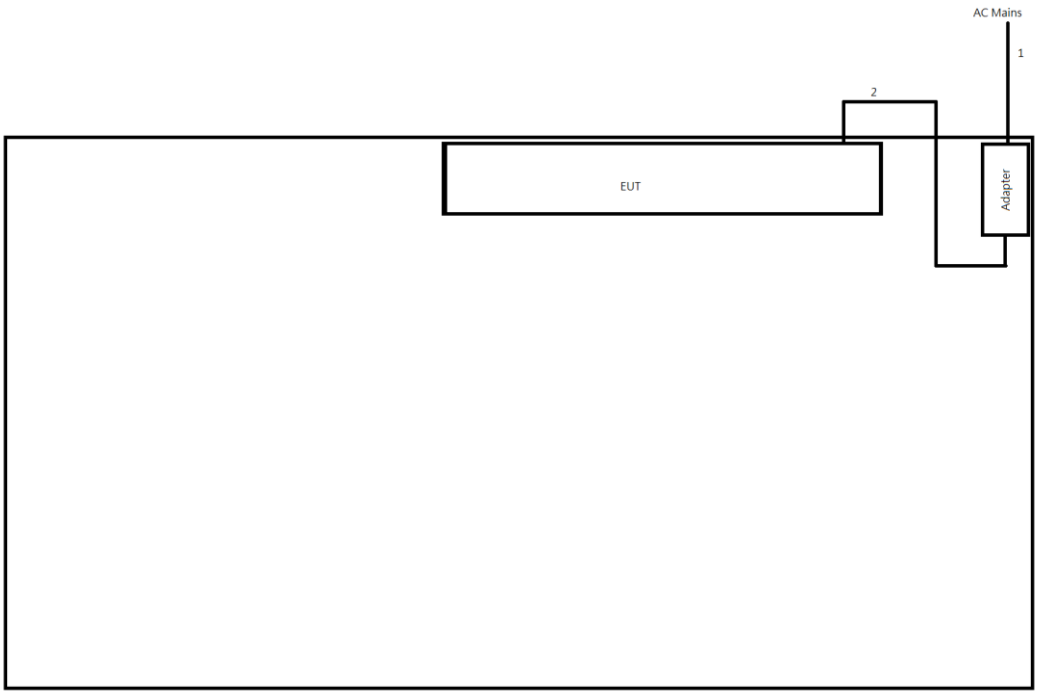
Reminder: Regarding to more detail and other information, please refer to user manual.

2.5 Support Equipment

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

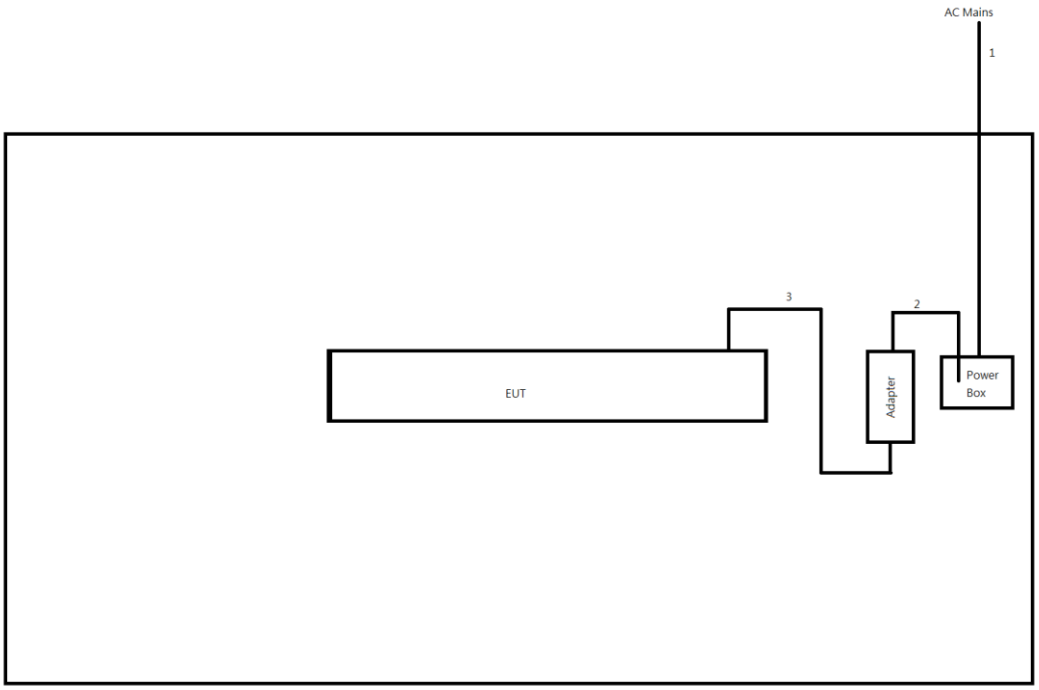
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable (for EUT adapter)	No	1.0	-
2	DC Power cable (for EUT)	No	1.5	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	AC Power cable(for EUT adapter)	No	1.0	-
3	DC Power cable(for EUT)	No	1.5	-

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

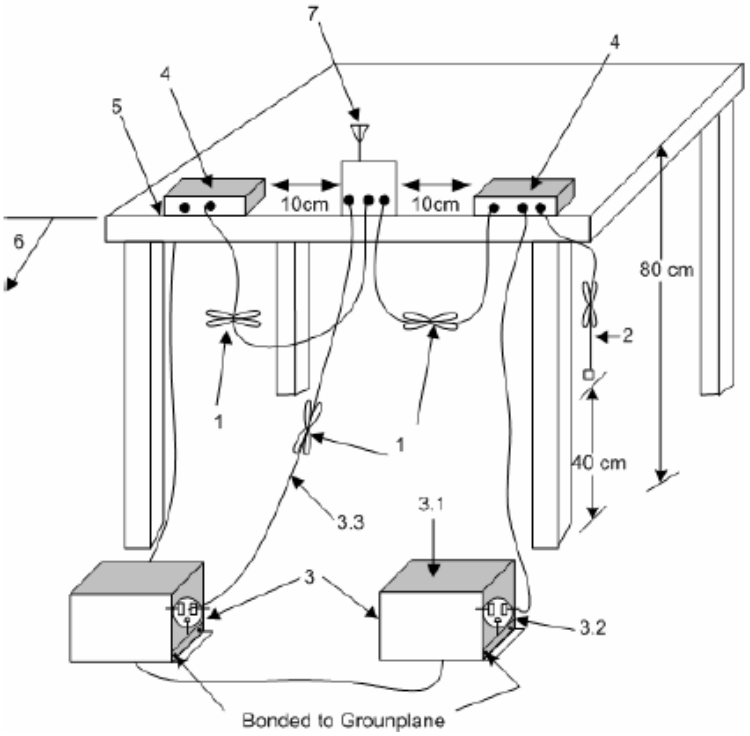
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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.

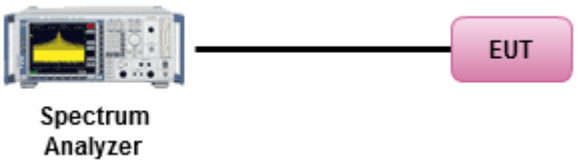
3.2.2 Measuring Instruments

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

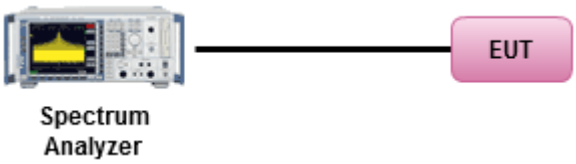
3.4.2 Measuring Instruments

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.	

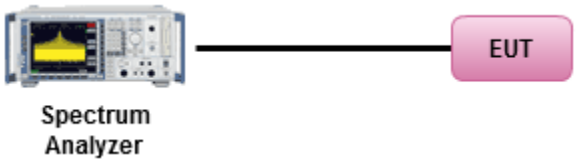
3.5.2 Measuring Instruments

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.

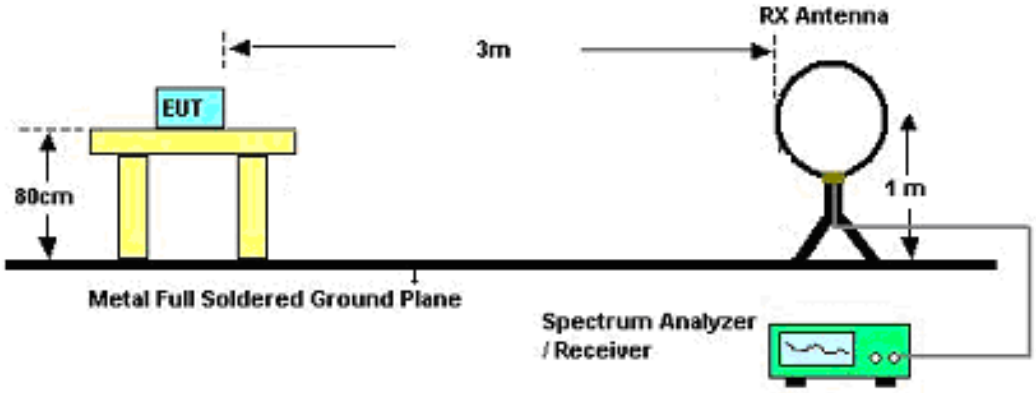
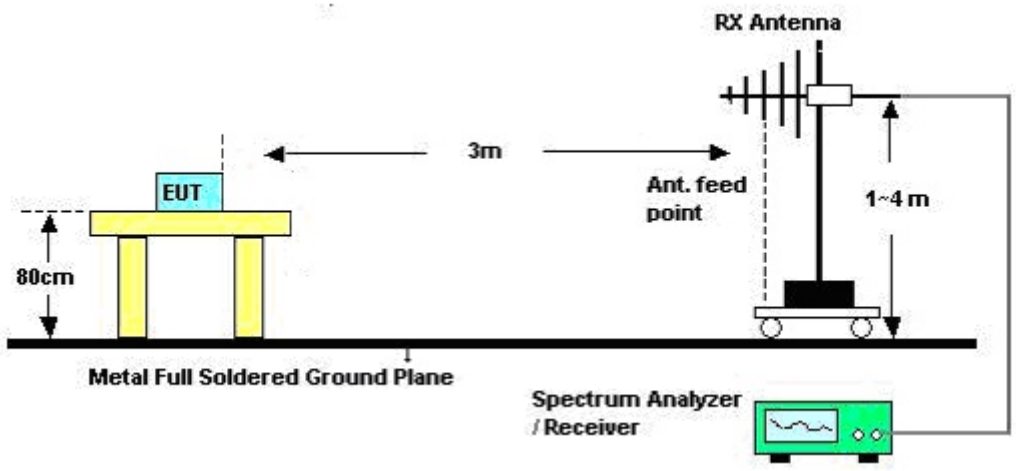
3.6.3 Test Procedures

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.

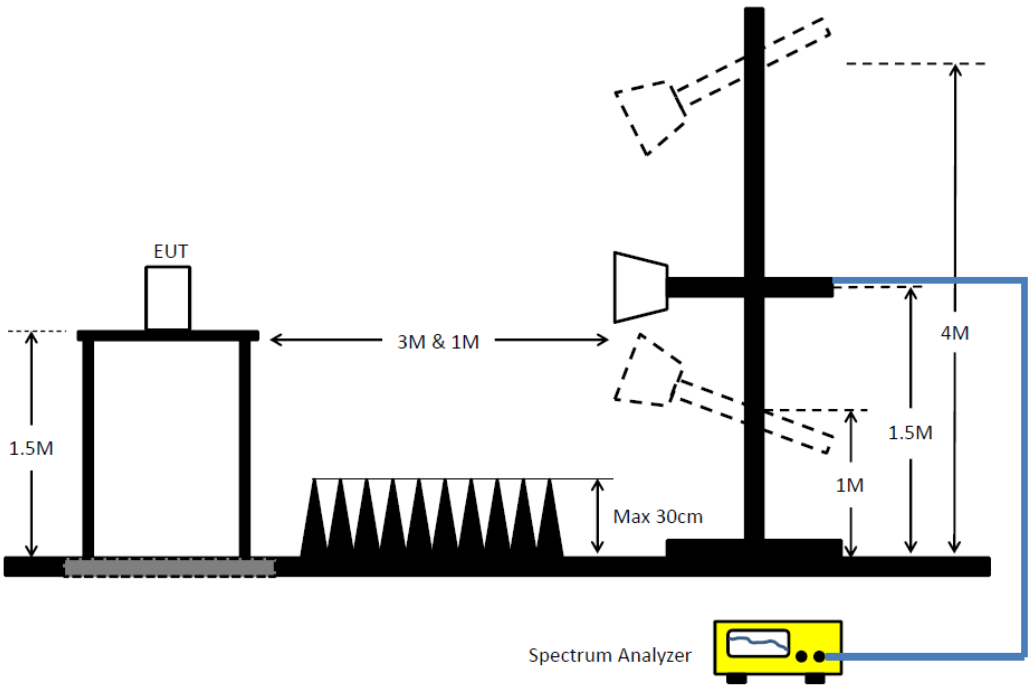
3.6.4 Measurement Results Calculation

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	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
LISN	R&S	ENV216	100003	9kHz ~ 30MHz	23/Sep/2020	22/Sep/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
EMI Test Receiver	R&S	ESR3	102051	9kHz~3.6GHz	29/May/2020	28/May/2021

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	19/Oct/2020	18/Oct/2021
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	20/Oct/2020	19/Oct/2022
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	18/Mar/2020	17/Mar/2021
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	18/Mar/2020	17/Mar/2021
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	12/Nov/2018	11/Nov/2020

Instrument for Radiated Test

Instrument	Manufacturer	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 & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz~1GHz	06/Sep/2020	05/Sep/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
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

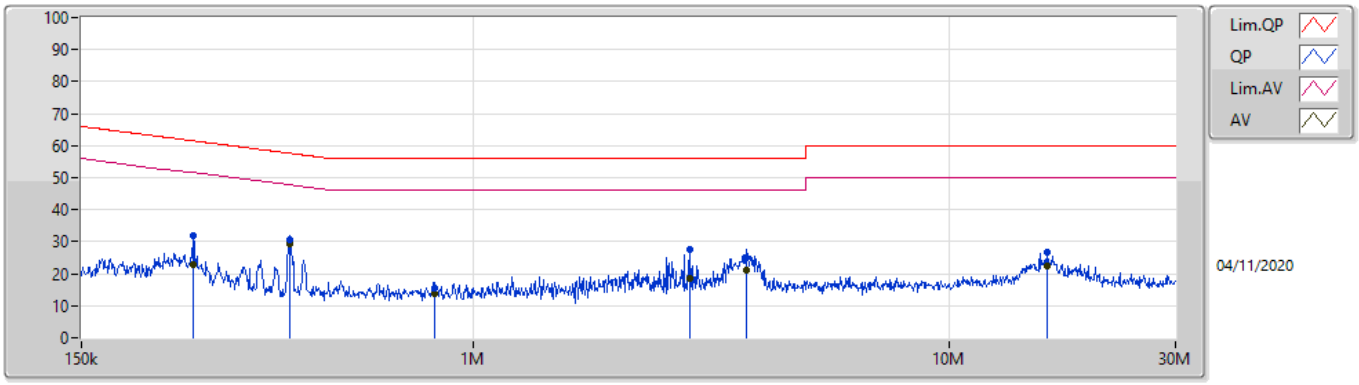
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	411.832k	29.80	47.61	-17.81	Neutral

Mode Configure

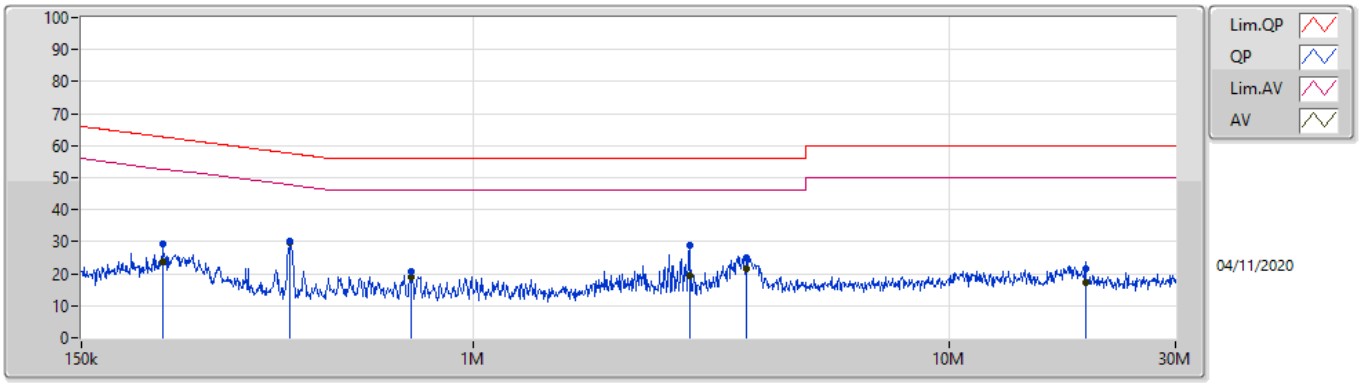
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	257.124k	32.07	61.53	-29.46	Line	-
Mode 1	Pass	AV	257.124k	22.66	51.53	-28.87	Line	-
Mode 1	Pass	QP	411.832k	30.72	57.61	-26.89	Line	-
Mode 1	Pass	AV	411.832k	29.14	47.61	-18.47	Line	"Worst"
Mode 1	Pass	QP	828.172k	15.50	56.00	-40.50	Line	-
Mode 1	Pass	AV	828.172k	13.65	46.00	-32.35	Line	-
Mode 1	Pass	QP	2.855M	27.55	56.00	-28.45	Line	-
Mode 1	Pass	AV	2.855M	18.34	46.00	-27.66	Line	-
Mode 1	Pass	QP	3.76M	25.05	56.00	-30.95	Line	-
Mode 1	Pass	AV	3.76M	21.30	46.00	-24.70	Line	-
Mode 1	Pass	QP	16.079M	26.78	60.00	-33.22	Line	-
Mode 1	Pass	AV	16.079M	22.34	50.00	-27.66	Line	-
Mode 1	Pass	QP	222.704k	29.41	62.71	-33.30	Neutral	-
Mode 1	Pass	AV	222.704k	23.90	52.71	-28.81	Neutral	-
Mode 1	Pass	QP	411.832k	30.36	57.61	-27.25	Neutral	-
Mode 1	Pass	AV	411.832k	29.80	47.61	-17.81	Neutral	"Worst"
Mode 1	Pass	QP	740.588k	20.70	56.00	-35.30	Neutral	-
Mode 1	Pass	AV	740.588k	19.01	46.00	-26.99	Neutral	-
Mode 1	Pass	QP	2.855M	29.00	56.00	-27.00	Neutral	-
Mode 1	Pass	AV	2.855M	19.61	46.00	-26.39	Neutral	-
Mode 1	Pass	QP	3.76M	25.20	56.00	-30.80	Neutral	-
Mode 1	Pass	AV	3.76M	21.53	46.00	-24.47	Neutral	-
Mode 1	Pass	QP	19.398M	21.47	60.00	-38.53	Neutral	-
Mode 1	Pass	AV	19.398M	17.24	50.00	-32.76	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	257.124k	32.07	61.53	-29.46	19.51	Line	-	12.56	9.60	0.01	9.90
AV	257.124k	22.66	51.53	-28.87	19.51	Line	-	3.15	9.60	0.01	9.90
QP	411.832k	30.72	57.61	-26.89	19.52	Line	-	11.20	9.60	0.02	9.90
AV	411.832k	29.14	47.61	-18.47	19.52	Line	"Worst"	9.62	9.60	0.02	9.90
QP	828.172k	15.50	56.00	-40.50	19.46	Line	-	-3.96	9.60	0.04	9.82
AV	828.172k	13.65	46.00	-32.35	19.46	Line	-	-5.81	9.60	0.04	9.82
QP	2.855M	27.55	56.00	-28.45	19.57	Line	-	7.98	9.62	0.10	9.85
AV	2.855M	18.34	46.00	-27.66	19.57	Line	-	-1.23	9.62	0.10	9.85
QP	3.76M	25.05	56.00	-30.95	19.64	Line	-	5.41	9.63	0.12	9.89
AV	3.76M	21.30	46.00	-24.70	19.64	Line	-	1.66	9.63	0.12	9.89
QP	16.079M	26.78	60.00	-33.22	19.87	Line	-	6.91	9.71	0.26	9.90
AV	16.079M	22.34	50.00	-27.66	19.87	Line	-	2.47	9.71	0.26	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	222.704k	29.41	62.71	-33.30	19.51	Neutral	-	9.90	9.60	0.01	9.90
AV	222.704k	23.90	52.71	-28.81	19.51	Neutral	-	4.39	9.60	0.01	9.90
QP	411.832k	30.36	57.61	-27.25	19.52	Neutral	-	10.84	9.60	0.02	9.90
AV	411.832k	29.80	47.61	-17.81	19.52	Neutral	"Worst"	10.28	9.60	0.02	9.90
QP	740.588k	20.70	56.00	-35.30	19.48	Neutral	-	1.22	9.61	0.04	9.83
AV	740.588k	19.01	46.00	-26.99	19.48	Neutral	-	-0.47	9.61	0.04	9.83
QP	2.855M	29.00	56.00	-27.00	19.58	Neutral	-	9.42	9.63	0.10	9.85
AV	2.855M	19.61	46.00	-26.39	19.58	Neutral	-	0.03	9.63	0.10	9.85
QP	3.76M	25.20	56.00	-30.80	19.65	Neutral	-	5.55	9.64	0.12	9.89
AV	3.76M	21.53	46.00	-24.47	19.65	Neutral	-	1.88	9.64	0.12	9.89
QP	19.398M	21.47	60.00	-38.53	20.04	Neutral	-	1.43	9.85	0.29	9.90
AV	19.398M	17.24	50.00	-32.76	20.04	Neutral	-	-2.80	9.85	0.29	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	9.55M	14.412M	14M4G1D	7.5M	13.517M
802.11g_Nss1,(6Mbps)_2TX	16.275M	16.889M	16M9D1D	14.625M	16.434M
802.11n HT20_Nss1,(MCS0)_2TX	16.875M	17.929M	17M9D1D	15M	17.639M
802.11n HT40_Nss1,(MCS0)_2TX	36.3M	36.358M	36M4D1D	35M	35.987M

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

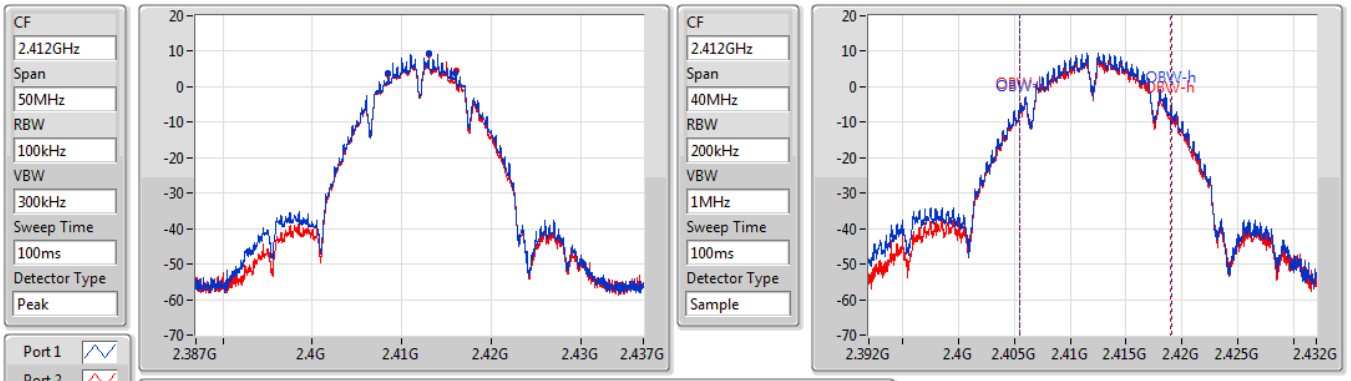
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	7.5M	13.581M	7.55M	13.517M
2437MHz_TnomVnom	Pass	500k	9.075M	14.412M	9.55M	14.234M
2462MHz_TnomVnom	Pass	500k	8.075M	13.586M	9.025M	14.072M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	15.075M	16.439M	15.425M	16.445M
2437MHz_TnomVnom	Pass	500k	15.525M	16.889M	16.275M	16.807M
2462MHz_TnomVnom	Pass	500k	14.625M	16.434M	15.475M	16.453M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	15.65M	17.692M	15.125M	17.643M
2437MHz_TnomVnom	Pass	500k	16.775M	17.929M	16.875M	17.775M
2462MHz_TnomVnom	Pass	500k	15M	17.639M	15.45M	17.688M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	500k	35.05M	35.987M	35.05M	36.088M
2437MHz_TnomVnom	Pass	500k	36.25M	36.358M	36.3M	36.316M
2452MHz_TnomVnom	Pass	500k	35M	36.108M	35M	36.124M

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

802.11b_Nss1,(1Mbps)_2TX EBW

2412MHz

23/12/2020

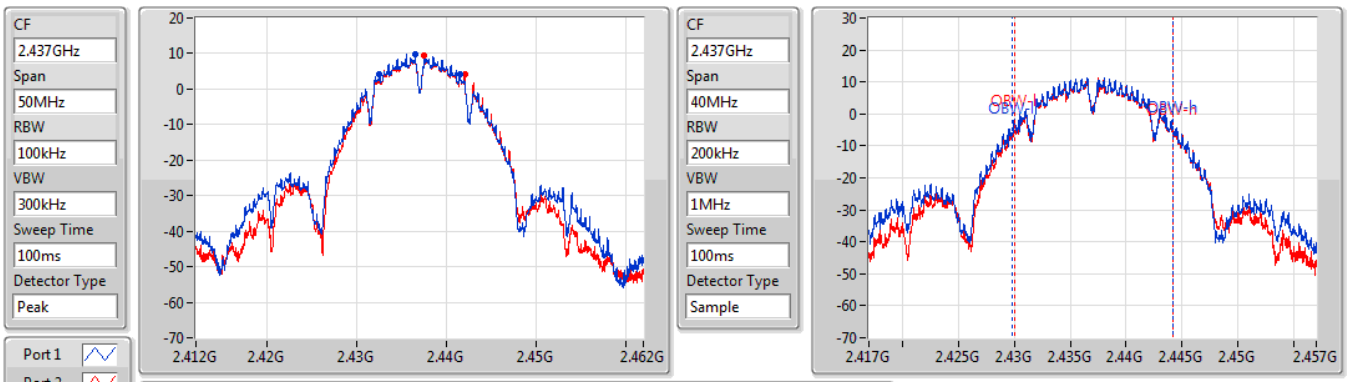


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.5M	2.4085G	2.416G	13.581M	2.405468G	2.419049G	500k	1
7.55M	2.4085G	2.41605G	13.517M	2.405435G	2.418952G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2437MHz

23/12/2020

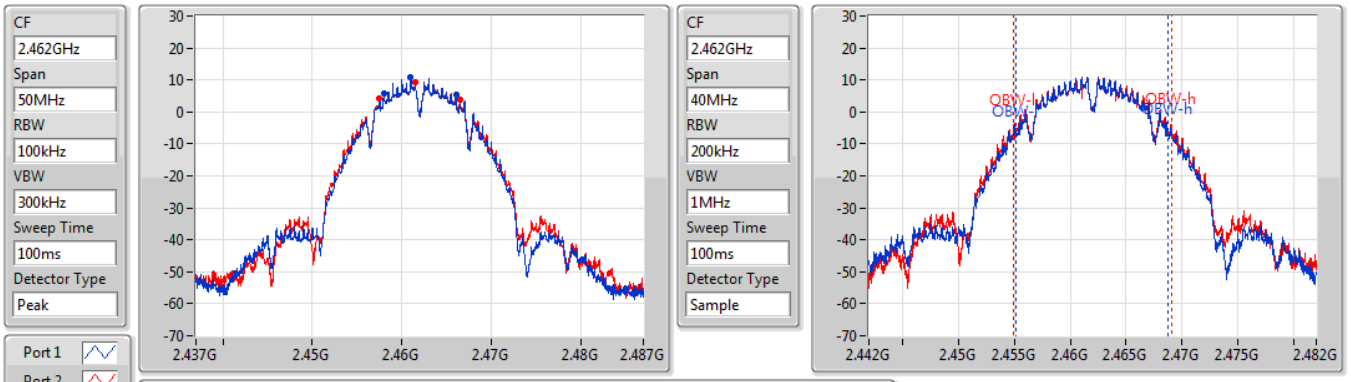


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.075M	2.432475G	2.44155G	14.412M	2.429812G	2.444225G	500k	1
9.55M	2.4325G	2.44205G	14.234M	2.430006G	2.444241G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2462MHz

23/12/2020

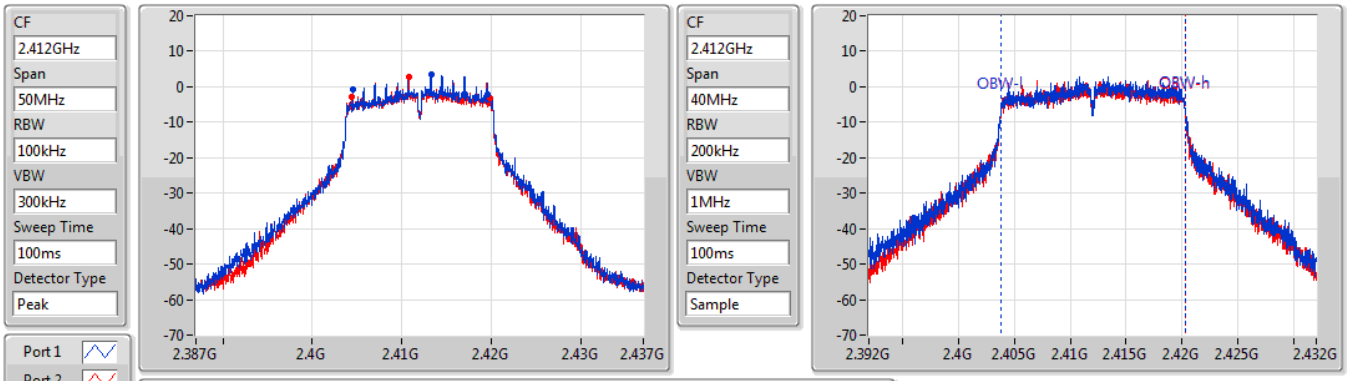


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.075M	2.457975G	2.46605G	13.586M	2.455188G	2.468773G	500k	1
9.025M	2.4575G	2.466525G	14.072M	2.454955G	2.469027G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2412MHz

23/12/2020

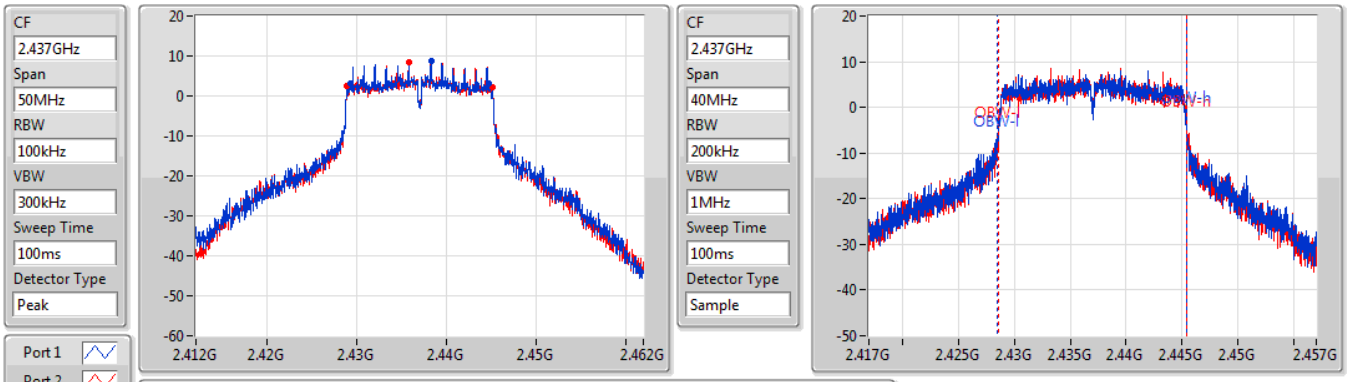


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.075M	2.404525G	2.4196G	16.439M	2.403849G	2.420288G	500k	1
15.425M	2.40445G	2.419875G	16.445M	2.403816G	2.420261G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2437MHz

23/12/2020

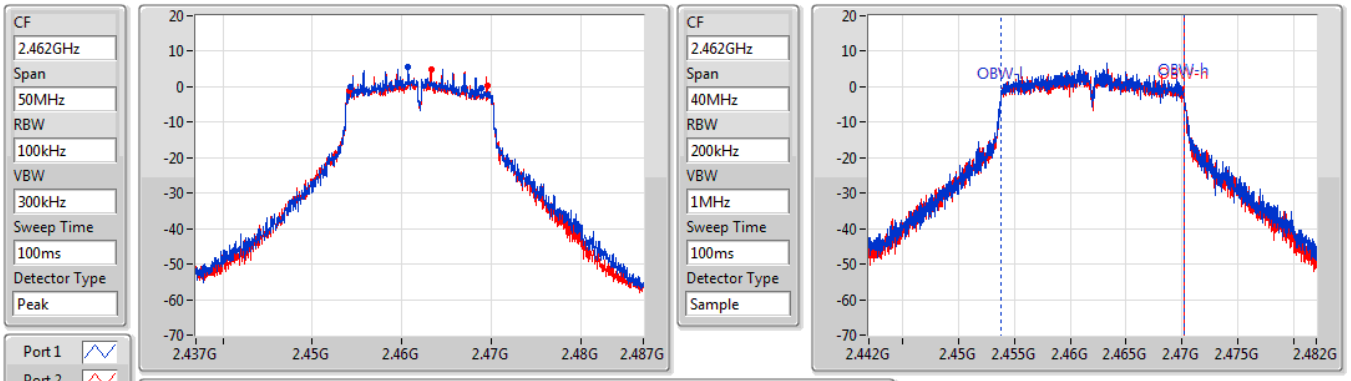


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.525M	2.42925G	2.444775G	16.889M	2.428492G	2.445381G	500k	1
16.275M	2.428875G	2.44515G	16.807M	2.428595G	2.445402G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2462MHz

23/12/2020

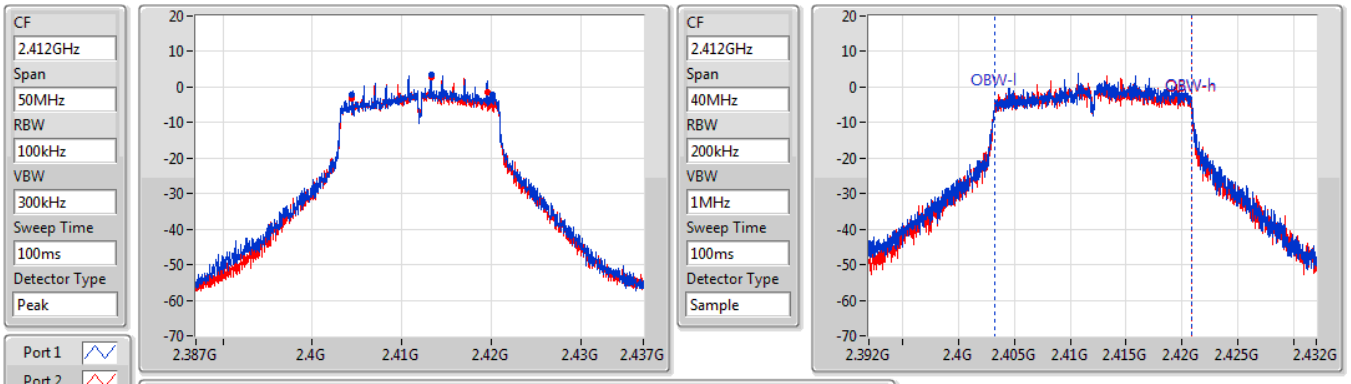


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.625M	2.45425G	2.468875G	16.434M	2.453795G	2.470229G	500k	1
15.475M	2.4541G	2.469575G	16.453M	2.45378G	2.470233G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

2412MHz

23/12/2020

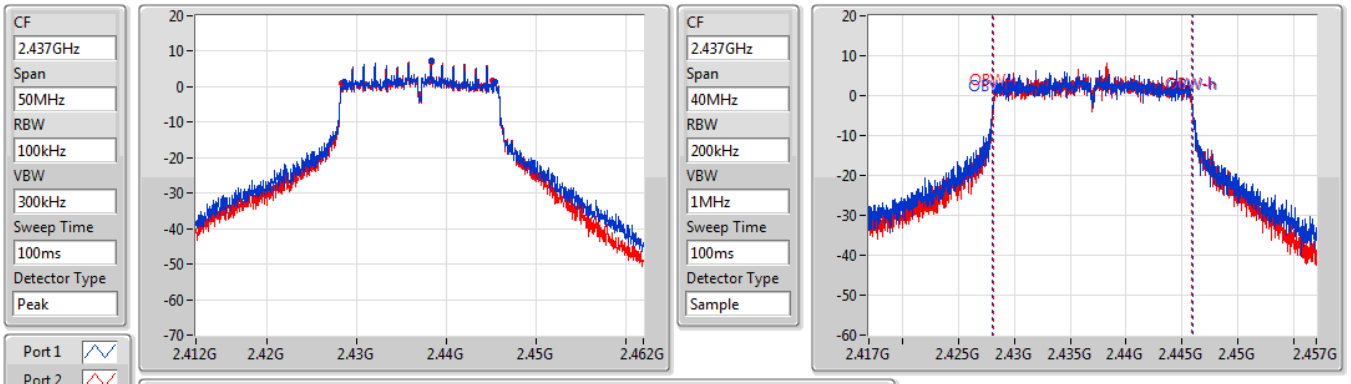


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.65M	2.404475G	2.420125G	17.692M	2.403217G	2.420909G	500k	1
15.125M	2.40445G	2.419575G	17.643M	2.403211G	2.420853G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

2437MHz

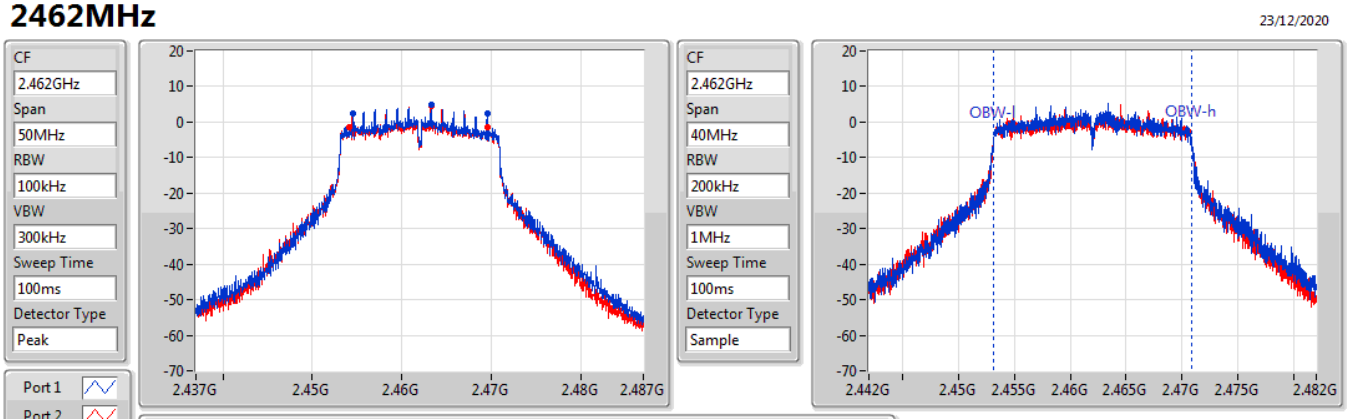
23/12/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.775M	2.4286G	2.445375G	17.929M	2.428028G	2.445957G	500k	1
16.875M	2.428275G	2.44515G	17.775M	2.428122G	2.445897G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

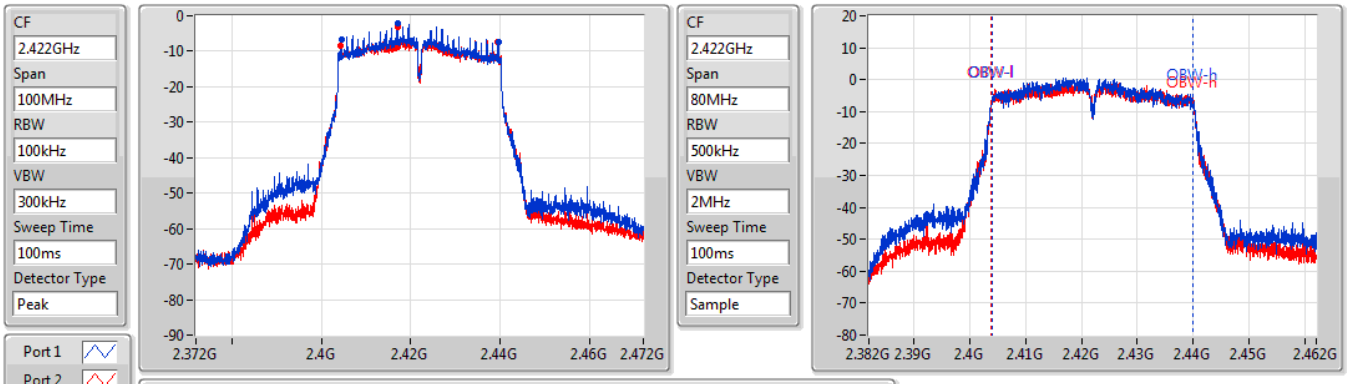
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15M	2.454525G	2.469525G	17.639M	2.453183G	2.470822G	500k	1
15.45M	2.454125G	2.469575G	17.688M	2.453158G	2.470845G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2422MHz

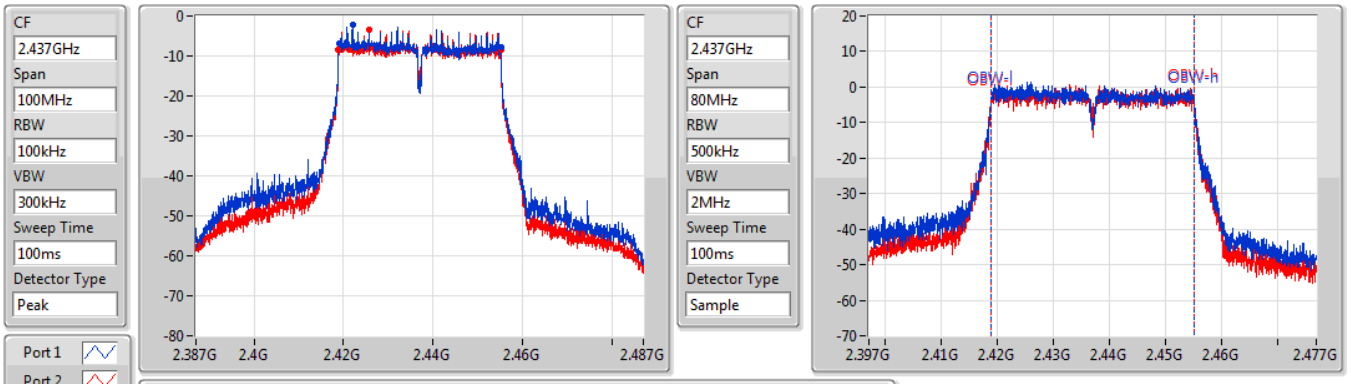


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.05M	2.4045G	2.43955G	35.987M	2.403984G	2.43997G	500k	1
35.05M	2.40445G	2.4395G	36.088M	2.403943G	2.440032G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2437MHz

23/12/2020

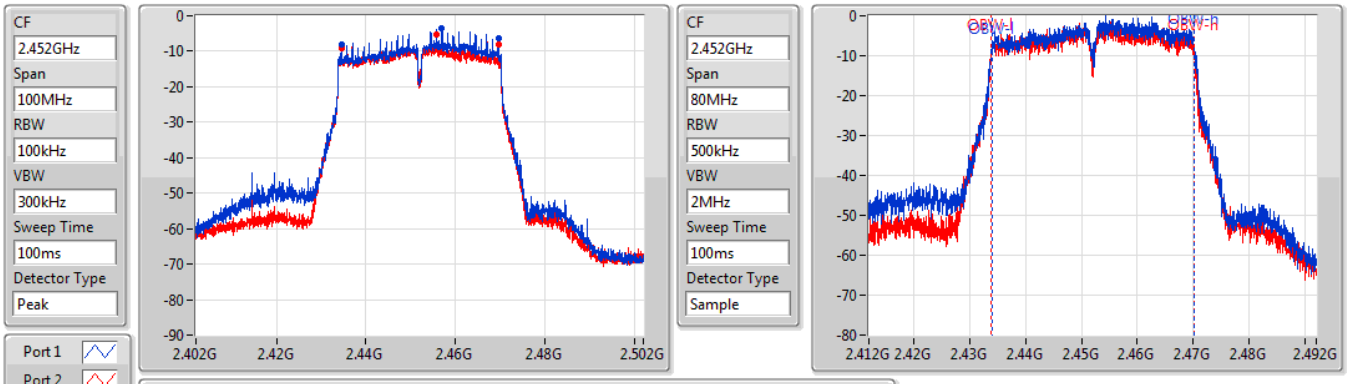


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.25M	2.4189G	2.45515G	36.358M	2.41882G	2.455178G	500k	1
36.3M	2.41885G	2.45515G	36.316M	2.418831G	2.455147G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2452MHz

23/12/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35M	2.43455G	2.46955G	36.108M	2.434049G	2.470157G	500k	1
35M	2.43455G	2.46955G	36.124M	2.433945G	2.470069G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	22.56	0.18030
802.11g_Nss1,(6Mbps)_2TX	21.41	0.13836
802.11n HT20_Nss1,(MCS0)_2TX	20.14	0.10328
802.11n HT40_Nss1,(MCS0)_2TX	13.95	0.02483

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	6.91	17.30	17.11	20.22	29.09
2417MHz_TnomVnom	Pass	6.91	18.03	17.48	20.77	29.09
2437MHz_TnomVnom	Pass	6.91	19.67	19.42	22.56	29.09
2457MHz_TnomVnom	Pass	6.91	19.63	19.32	22.49	29.09
2462MHz_TnomVnom	Pass	6.91	19.09	19.02	22.07	29.09
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	6.91	12.82	12.16	15.51	29.09
2417MHz_TnomVnom	Pass	6.91	16.21	15.55	18.90	29.09
2437MHz_TnomVnom	Pass	6.91	18.51	18.28	21.41	29.09
2457MHz_TnomVnom	Pass	6.91	17.51	17.21	20.37	29.09
2462MHz_TnomVnom	Pass	6.91	15.37	14.93	18.17	29.09
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	6.91	12.67	12.10	15.40	29.09
2417MHz_TnomVnom	Pass	6.91	15.95	15.34	18.67	29.09
2437MHz_TnomVnom	Pass	6.91	16.99	16.81	19.91	29.09
2457MHz_TnomVnom	Pass	6.91	17.20	17.05	20.14	29.09
2462MHz_TnomVnom	Pass	6.91	14.38	13.90	17.16	29.09
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	6.91	10.04	9.64	12.85	29.09
2427MHz_TnomVnom	Pass	6.91	9.46	8.94	12.22	29.09
2437MHz_TnomVnom	Pass	6.91	11.14	10.73	13.95	29.09
2447MHz_TnomVnom	Pass	6.91	9.29	8.28	11.82	29.09
2452MHz_TnomVnom	Pass	6.91	9.16	7.90	11.59	29.09

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-2.52
802.11g_Nss1,(6Mbps)_2TX	-5.04
802.11n HT20_Nss1,(MCS0)_2TX	-7.04
802.11n HT40_Nss1,(MCS0)_2TX	-19.44

RBW = 3kHz;

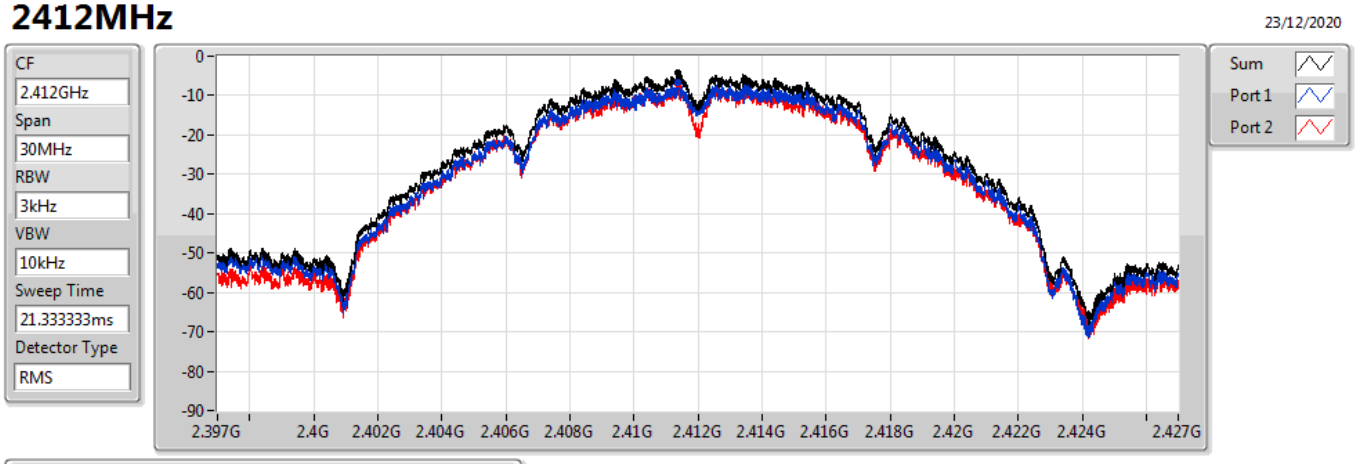
Result

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_TnomVnom	Pass	9.01	-6.71	-7.09	-4.12	4.99
2437MHz_TnomVnom	Pass	9.01	-5.46	-4.64	-2.52	4.99
2462MHz_TnomVnom	Pass	9.01	-6.28	-5.05	-2.74	4.99
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	9.01	-13.51	-13.91	-11.10	4.99
2437MHz_TnomVnom	Pass	9.01	-7.46	-7.83	-5.04	4.99
2462MHz_TnomVnom	Pass	9.01	-9.06	-10.86	-7.35	4.99
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	9.01	-13.04	-13.21	-10.29	4.99
2437MHz_TnomVnom	Pass	9.01	-9.65	-9.25	-7.04	4.99
2462MHz_TnomVnom	Pass	9.01	-11.41	-11.92	-8.93	4.99
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	9.01	-22.59	-22.09	-20.15	4.99
2437MHz_TnomVnom	Pass	9.01	-22.11	-21.24	-19.44	4.99
2452MHz_TnomVnom	Pass	9.01	-23.69	-22.29	-20.48	4.99

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

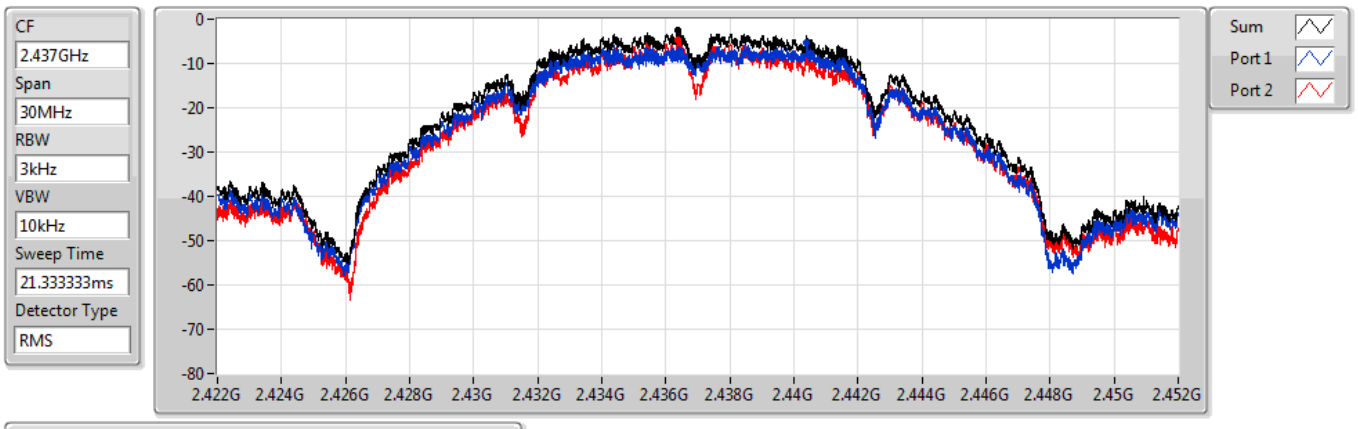
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.12	-4.12	-6.71	-7.09

802.11b_Nss1,(1Mbps)_2TX PSD

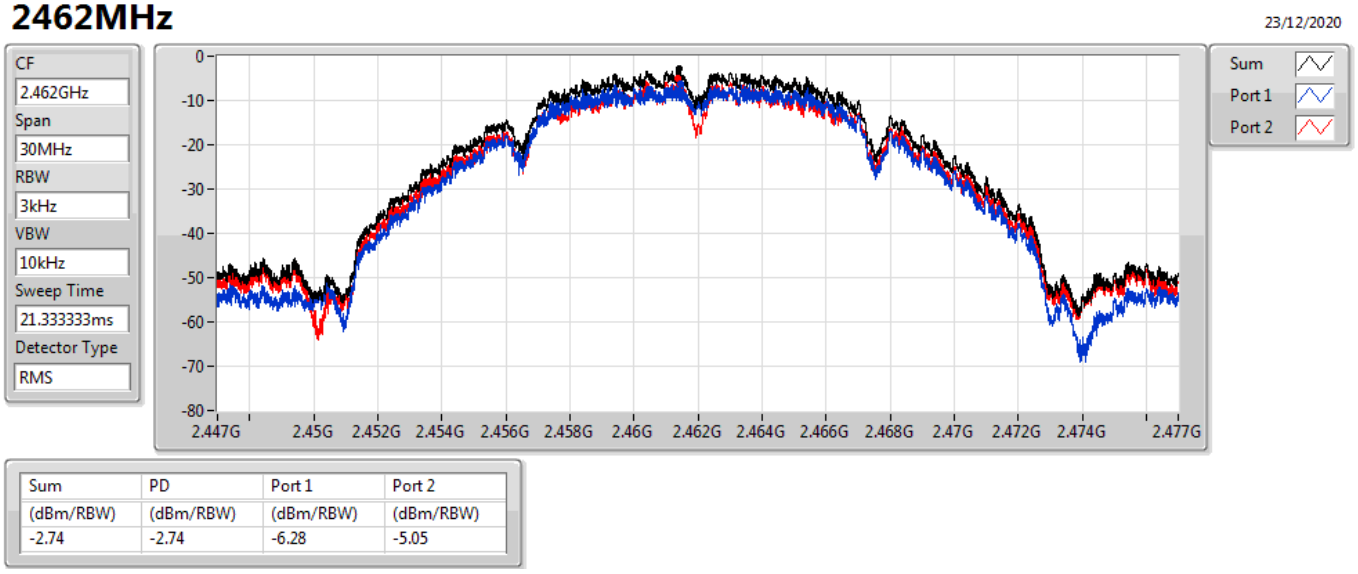
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.52	-2.52	-5.46	-4.64

802.11b_Nss1,(1Mbps)_2TX PSD

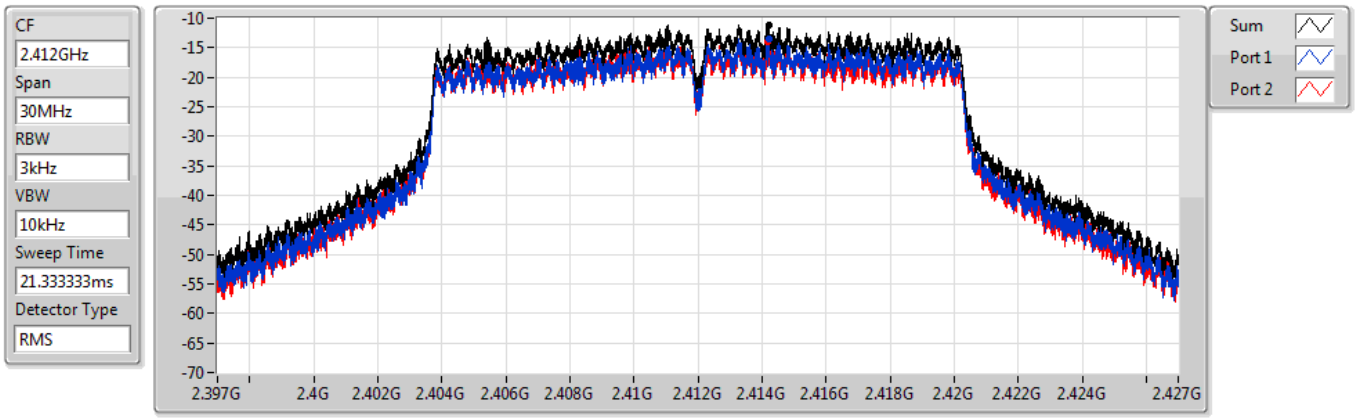
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.74	-2.74	-6.28	-5.05

802.11g_Nss1,(6Mbps)_2TX PSD

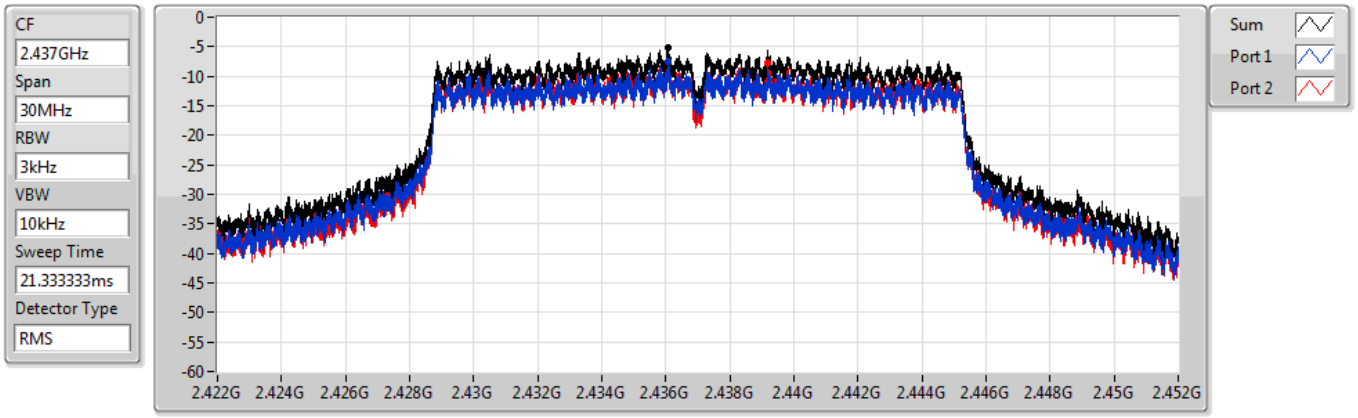
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.10	-11.10	-13.51	-13.91

802.11g_Nss1,(6Mbps)_2TX PSD

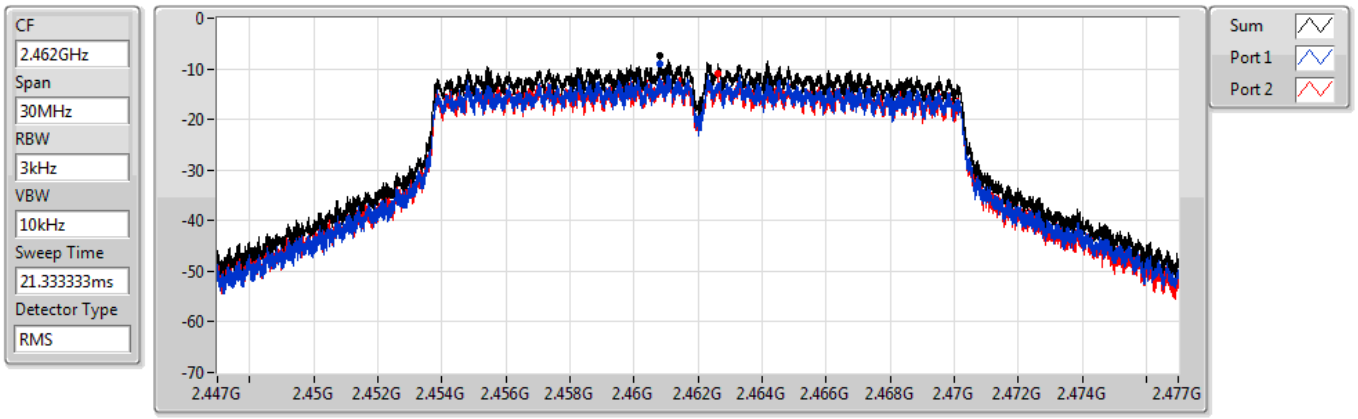
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.04	-5.04	-7.46	-7.83

802.11g_Nss1,(6Mbps)_2TX PSD

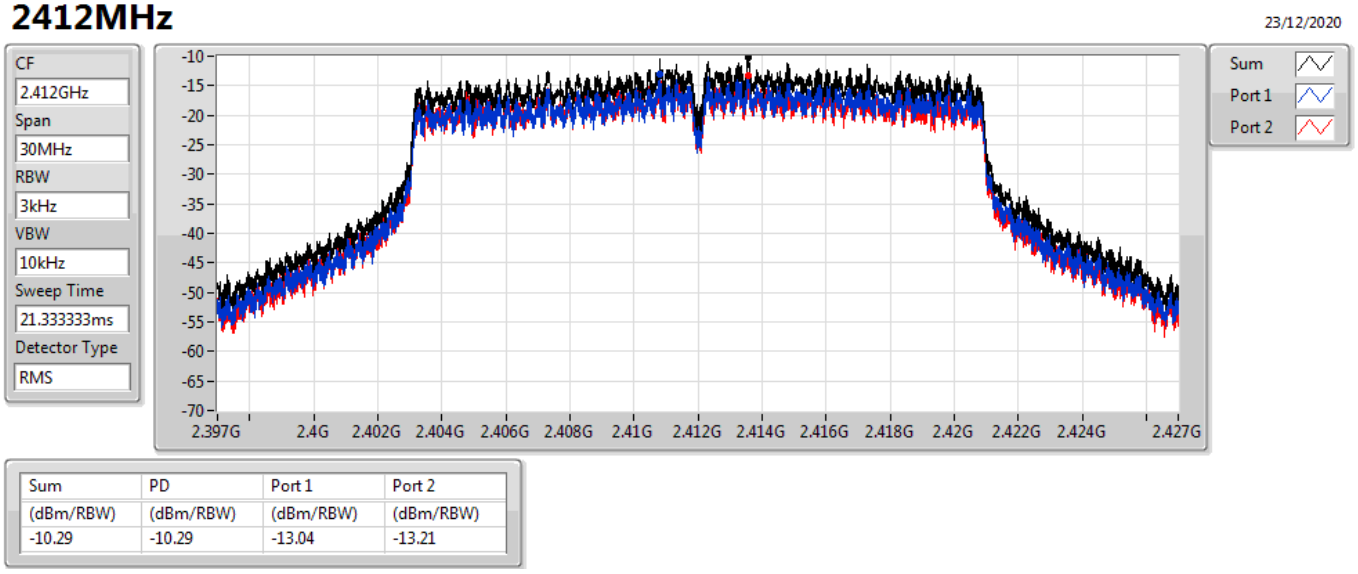
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.35	-7.35	-9.06	-10.86

802.11n HT20_Nss1,(MCS0)_2TX PSD

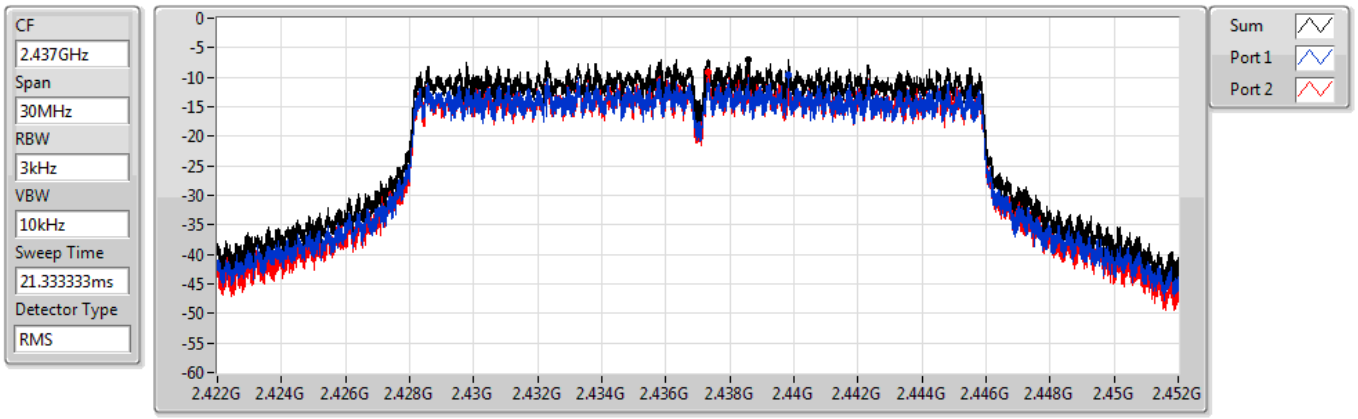
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.29	-10.29	-13.04	-13.21

802.11n HT20_Nss1,(MCS0)_2TX PSD

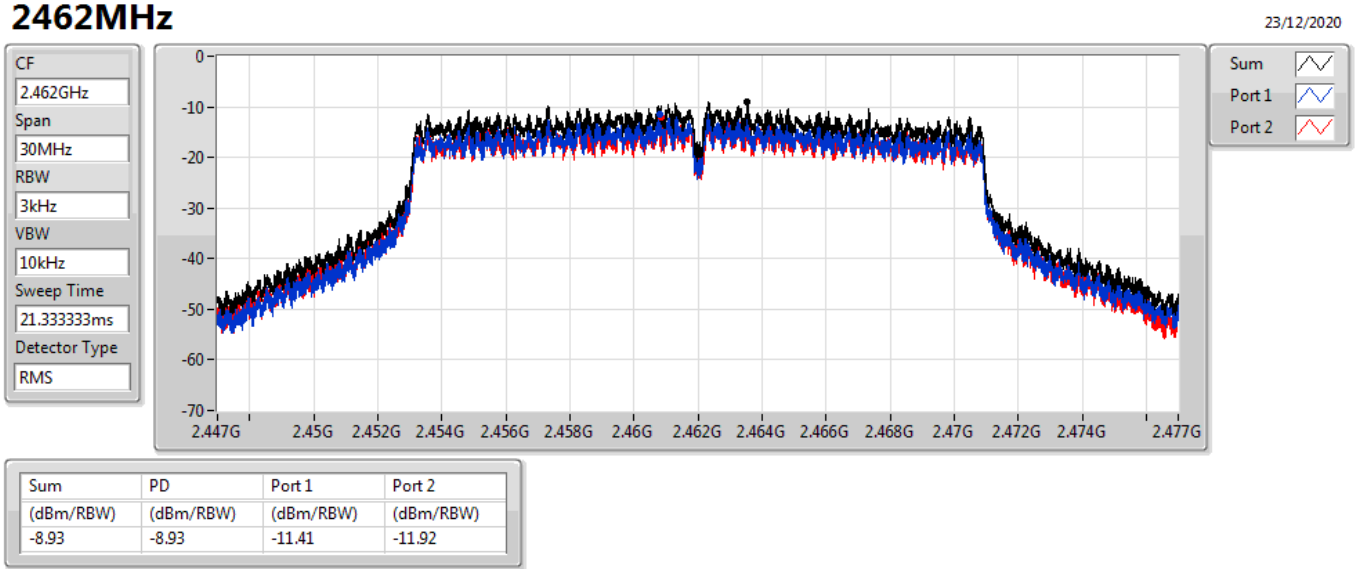
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.04	-7.04	-9.65	-9.25

802.11n HT20_Nss1,(MCS0)_2TX PSD

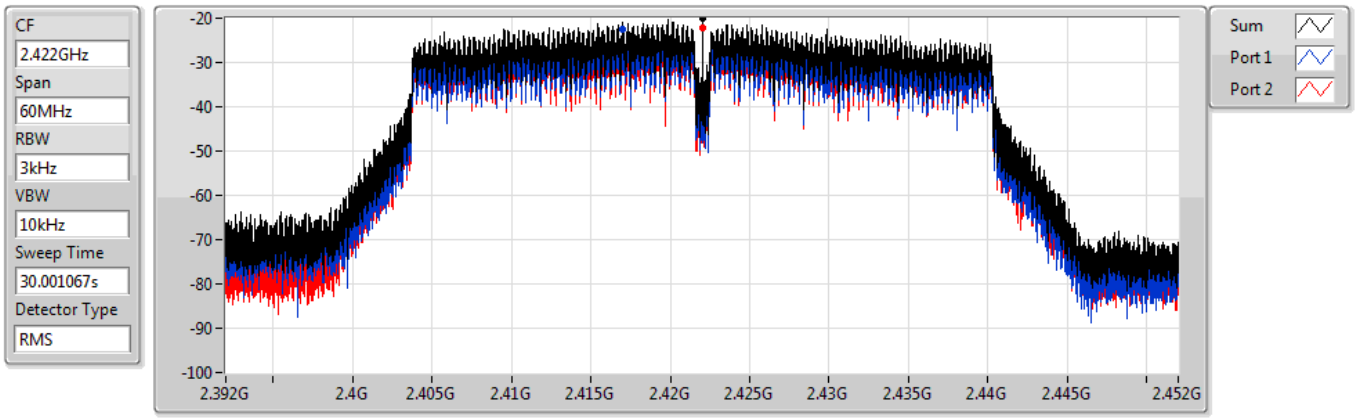
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.93	-8.93	-11.41	-11.92

802.11n HT40_Nss1,(MCS0)_2TX PSD

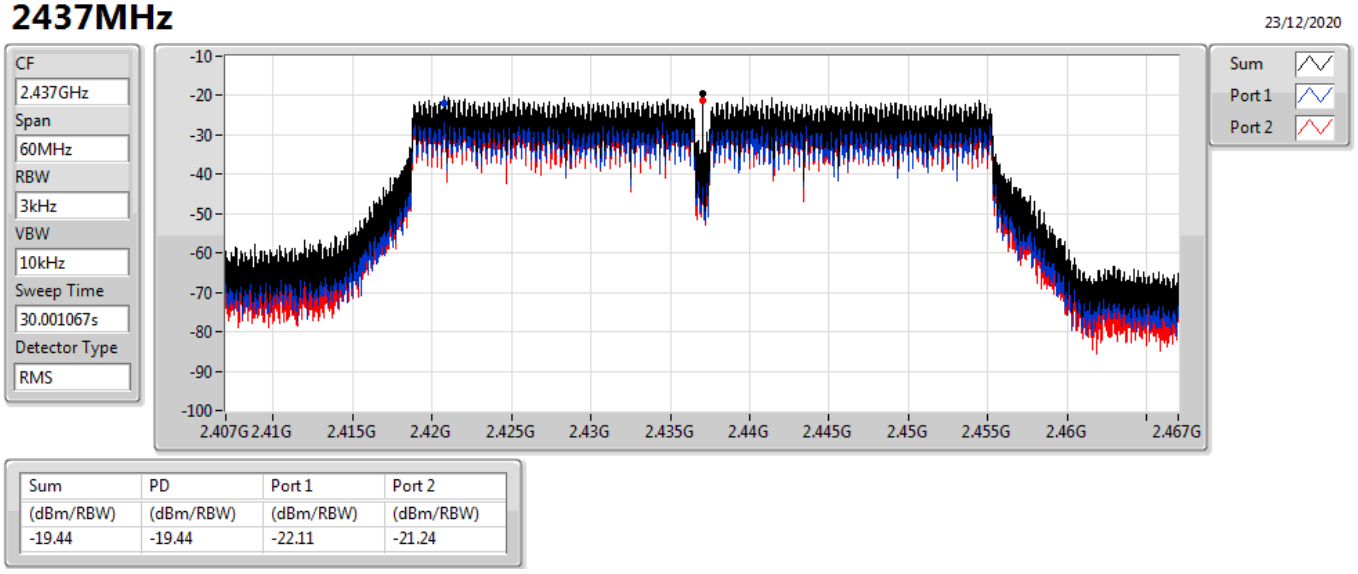
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-20.15	-20.15	-22.59	-22.09

802.11n HT40_Nss1,(MCS0)_2TX PSD

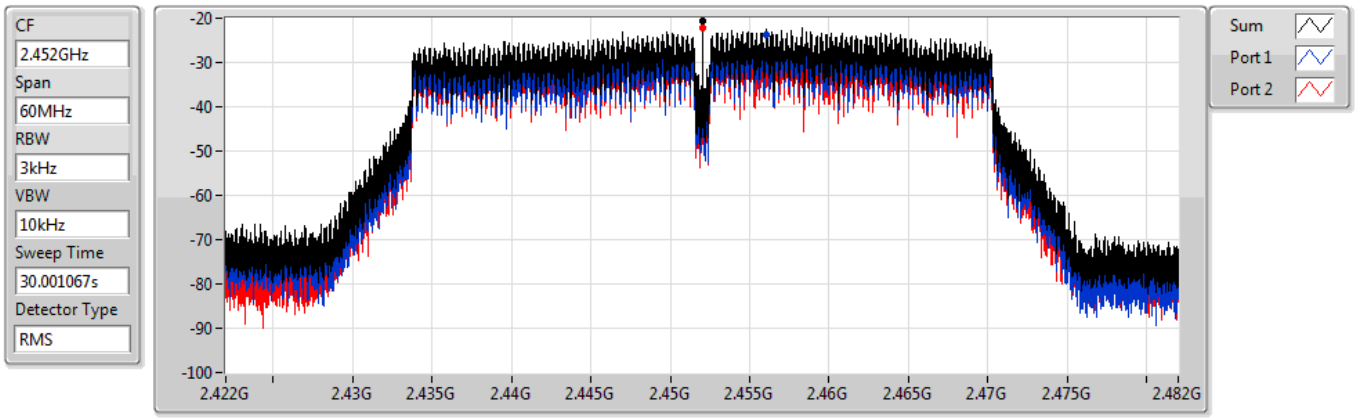
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-19.44	-19.44	-22.11	-21.24

802.11n HT40_Nss1,(MCS0)_2TX PSD

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-20.48	-20.48	-23.69	-22.29

Summary

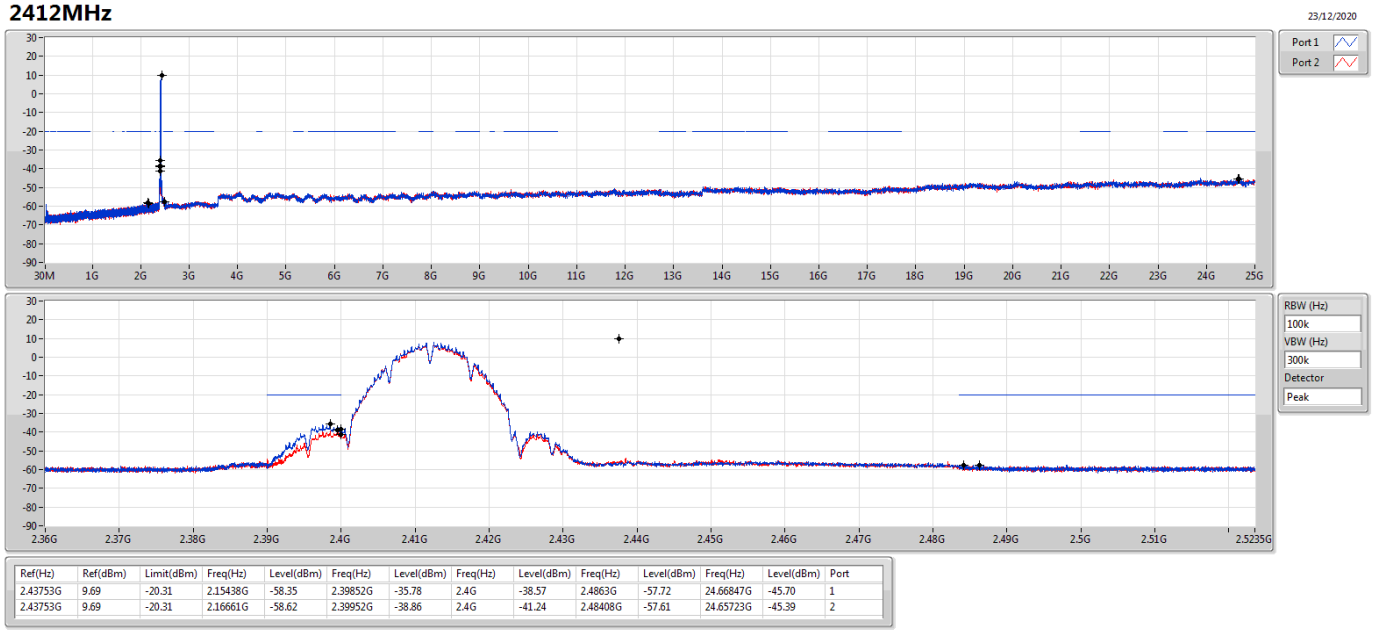
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43753G	9.69	-20.31	2.15438G	-58.35	2.39852G	-35.78	2.4G	-38.57	2.4863G	-57.72	24.66847G	-45.70	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43574G	5.95	-24.05	2.30787G	-58.61	2.39976G	-30.62	2.4G	-32.26	2.48358G	-57.52	24.64319G	-46.08	1
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.43578G	4.14	-25.86	2.19923G	-57.27	2.3999G	-29.87	2.4G	-31.31	2.4842G	-57.81	24.72747G	-45.16	2
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.42079G	-3.56	-33.56	2.11333G	-58.69	2.3998G	-42.37	2.4G	-43.96	2.48418G	-57.73	24.99439G	-45.80	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.43753G	9.69	-20.31	2.15438G	-58.35	2.39852G	-35.78	2.4G	-38.57	2.4863G	-57.72	24.66847G	-45.70	1
2412MHz_TnomVnom	Pass	2.43753G	9.69	-20.31	2.16661G	-58.62	2.39952G	-38.86	2.4G	-41.24	2.48408G	-57.61	24.65723G	-45.39	2
2437MHz_TnomVnom	Pass	2.43753G	9.69	-20.31	2.10923G	-58.83	2.39732G	-53.11	2.4G	-55.98	2.48362G	-55.85	24.57576G	-46.13	1
2437MHz_TnomVnom	Pass	2.43753G	9.69	-20.31	2.30961G	-58.16	2.39578G	-54.35	2.4G	-54.60	2.48354G	-56.51	24.72185G	-45.38	2
2462MHz_TnomVnom	Pass	2.43753G	9.69	-20.31	2.17651G	-58.63	2.39556G	-56.17	2.4G	-56.76	2.48386G	-55.67	24.64038G	-45.79	1
2462MHz_TnomVnom	Pass	2.43753G	9.69	-20.31	2.3067G	-58.59	2.4G	-54.25	2.4835G	-50.49	2.48352G	-50.99	24.90728G	-45.88	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.43574G	5.95	-24.05	2.30787G	-58.61	2.39976G	-30.62	2.4G	-32.26	2.48358G	-57.52	24.64319G	-46.08	1
2412MHz_TnomVnom	Pass	2.43574G	5.95	-24.05	2.30117G	-58.85	2.39986G	-30.62	2.4G	-31.41	2.48844G	-57.59	24.63195G	-45.54	2
2437MHz_TnomVnom	Pass	2.43574G	5.95	-24.05	2.15205G	-58.39	2.39888G	-49.36	2.4G	-50.86	2.48358G	-54.68	24.39594G	-45.74	1
2437MHz_TnomVnom	Pass	2.43574G	5.95	-24.05	2.14739G	-58.66	2.3995G	-48.92	2.4G	-49.37	2.48448G	-53.71	24.65442G	-45.87	2
2462MHz_TnomVnom	Pass	2.43574G	5.95	-24.05	2.19311G	-58.37	2.39428G	-55.40	2.4835G	-50.29	2.48352G	-49.02	24.69095G	-46.01	1
2462MHz_TnomVnom	Pass	2.43574G	5.95	-24.05	2.30408G	-58.24	2.4G	-54.59	2.4835G	-51.99	2.48356G	-52.78	24.93819G	-46.07	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.43578G	4.14	-25.86	2.19661G	-58.63	2.39948G	-30.20	2.4G	-30.73	2.48474G	-57.28	24.72747G	-46.11	1
2412MHz_TnomVnom	Pass	2.43578G	4.14	-25.86	2.19923G	-57.27	2.3999G	-29.87	2.4G	-31.31	2.4842G	-57.81	24.72747G	-45.16	2
2437MHz_TnomVnom	Pass	2.43578G	4.14	-25.86	2.30728G	-58.38	2.3995G	-51.49	2.4G	-52.25	2.48356G	-54.23	24.96348G	-45.81	1
2437MHz_TnomVnom	Pass	2.43578G	4.14	-25.86	2.0437G	-58.62	2.39924G	-51.62	2.4G	-53.00	2.48378G	-55.24	24.97471G	-45.75	2
2462MHz_TnomVnom	Pass	2.43578G	4.14	-25.86	2.19836G	-58.29	2.39466G	-56.36	2.4835G	-49.94	2.48386G	-50.06	24.71342G	-45.91	1
2462MHz_TnomVnom	Pass	2.43578G	4.14	-25.86	2.13224G	-58.45	2.4G	-53.88	2.4835G	-52.36	2.48388G	-52.53	24.31447G	-45.94	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.42079G	-3.56	-33.56	2.11333G	-58.69	2.3998G	-42.37	2.4G	-43.96	2.48418G	-57.73	24.99439G	-45.80	1
2422MHz_TnomVnom	Pass	2.42079G	-3.56	-33.56	2.18346G	-58.58	2.39952G	-43.01	2.4G	-44.01	2.4849G	-57.88	24.60736G	-45.90	2
2437MHz_TnomVnom	Pass	2.42079G	-3.56	-33.56	2.30884G	-58.86	2.39956G	-43.36	2.4G	-46.26	2.48378G	-54.80	24.59614G	-45.68	1
2437MHz_TnomVnom	Pass	2.42079G	-3.56	-33.56	2.15169G	-58.41	2.39948G	-46.61	2.4G	-48.35	2.48366G	-56.61	24.12498G	-45.45	2
2452MHz_TnomVnom	Pass	2.42079G	-3.56	-33.56	2.14596G	-58.61	2.3944G	-55.59	2.4835G	-54.29	2.48446G	-54.08	24.97756G	-45.60	1
2452MHz_TnomVnom	Pass	2.42079G	-3.56	-33.56	2.12735G	-58.97	2.4G	-55.17	2.4G	-54.73	2.48354G	-56.62	24.88221G	-46.16	2

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

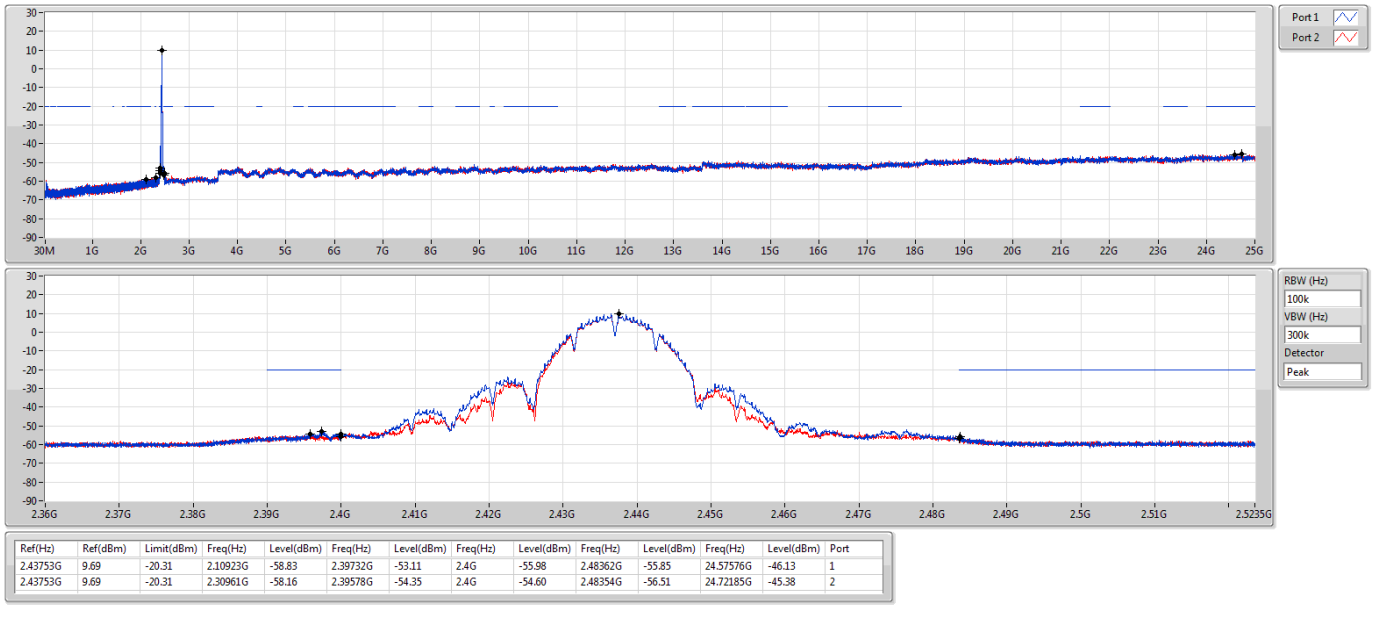
2412MHz



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
2.43753G	9.69	-20.31	2.15438G	-58.35	2.39852G	-35.78	2.4G	-38.57	2.4863G	-57.72	24.66847G	-45.70	1
2.43753G	9.69	-20.31	2.16661G	-58.62	2.39952G	-38.86	2.4G	-41.24	2.48408G	-57.61	24.65723G	-45.39	2

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

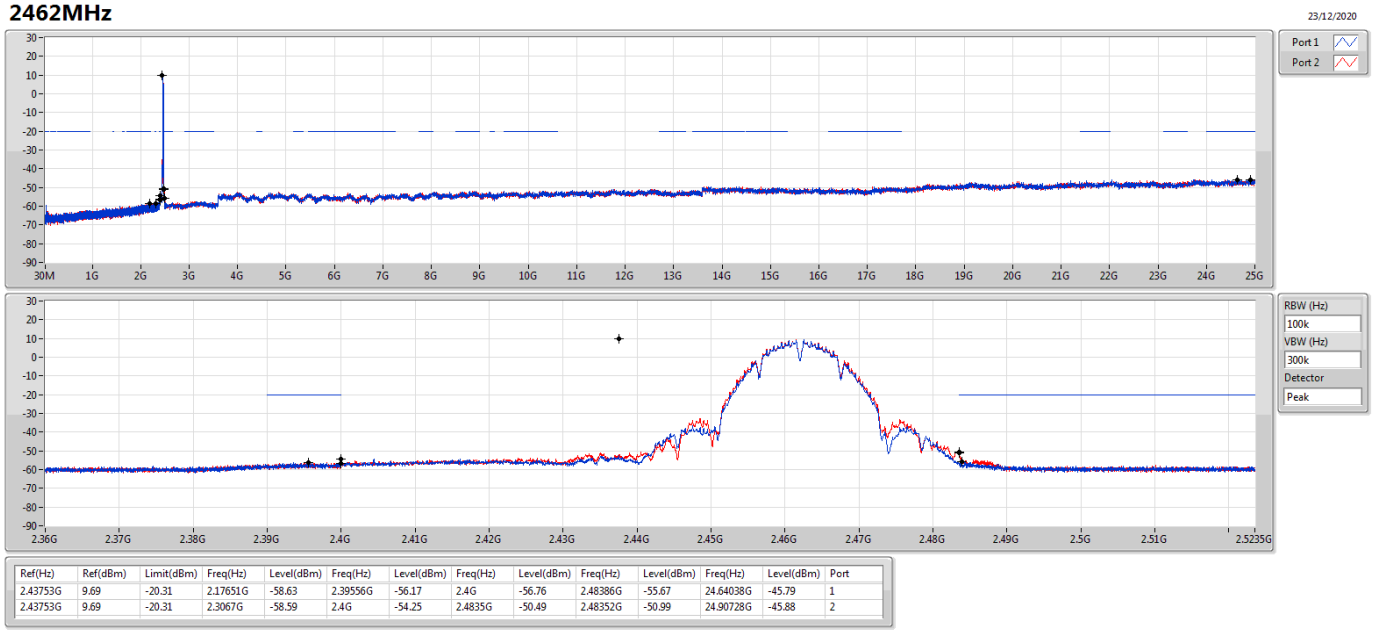
2437MHz



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
2.43753G	9.69	-20.31	2.10923G	-58.83	2.39732G	-53.11	2.4G	-55.98	2.48362G	-55.85	24.57576G	-46.13	1
2.43753G	9.69	-20.31	2.30961G	-58.16	2.39578G	-54.35	2.4G	-54.60	2.48354G	-56.51	24.72185G	-45.38	2

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

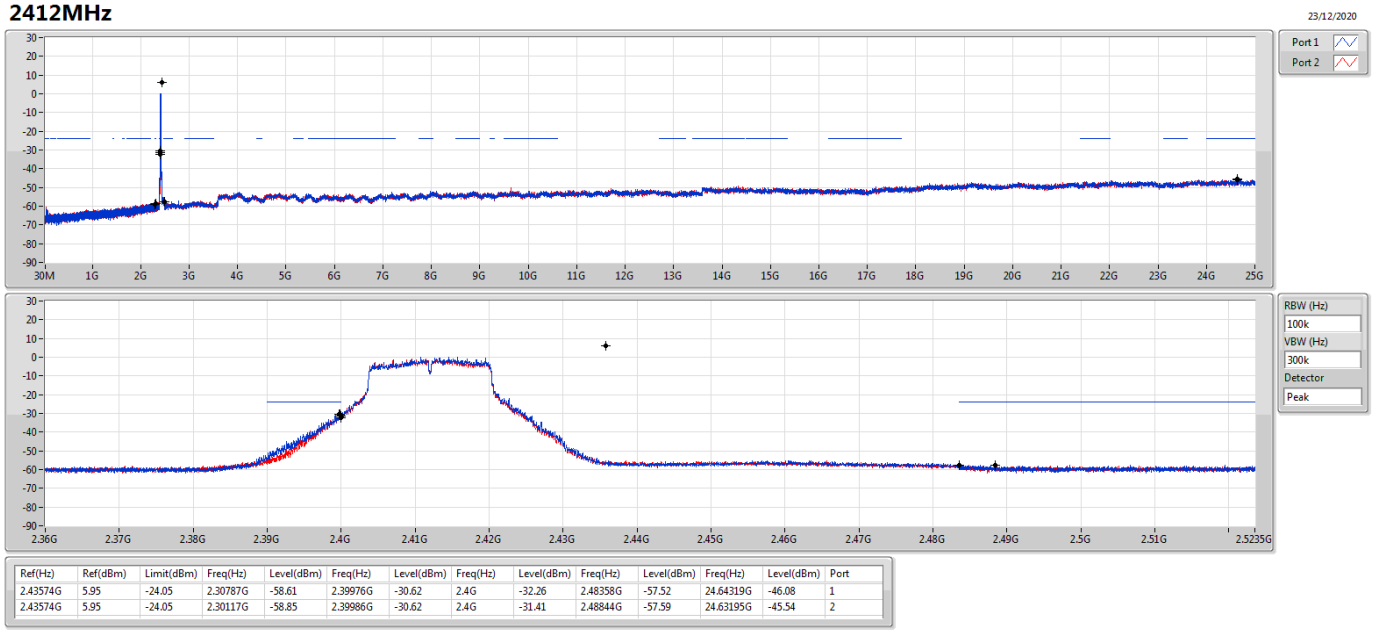
2462MHz



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
2.43753G	9.69	-20.31	2.17651G	-58.63	2.39556G	-56.17	2.4G	-56.76	2.48386G	-55.67	24.64038G	-45.79	1
2.43753G	9.69	-20.31	2.3067G	-58.59	2.4G	-54.25	2.4835G	-50.49	2.48352G	-50.99	24.90728G	-45.88	2

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

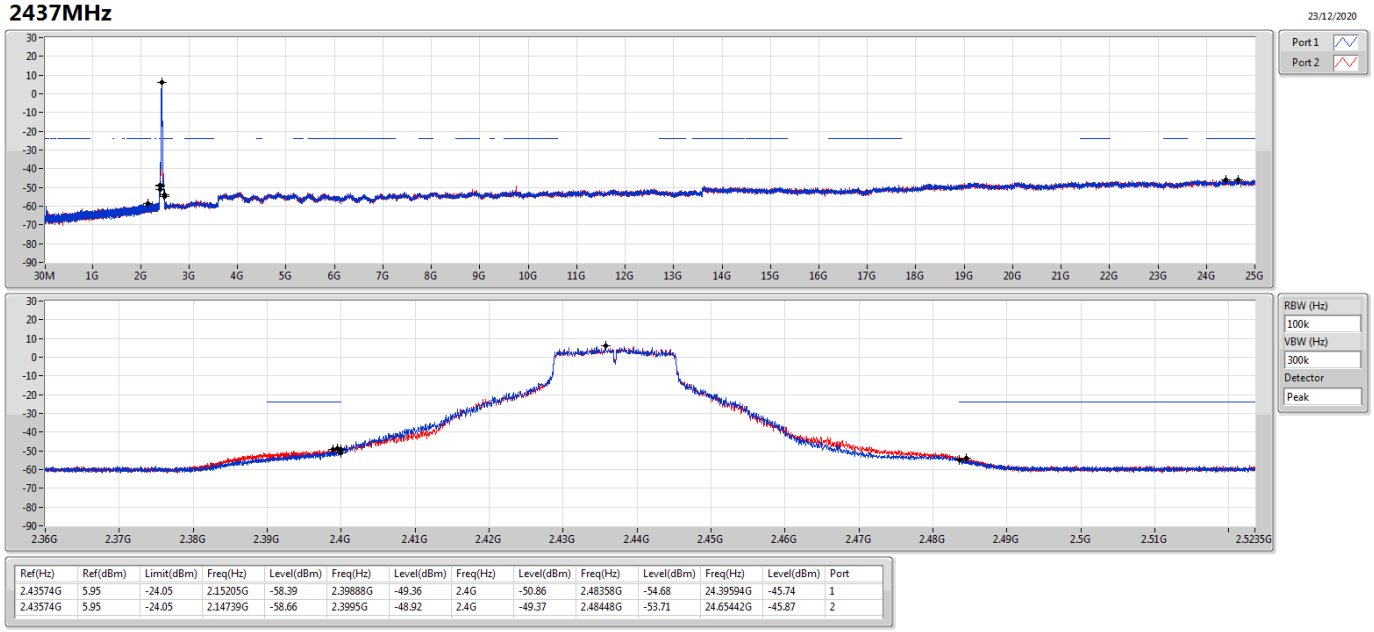
2412MHz



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
2.43574G	5.95	-24.05	2.30787G	-58.61	2.39976G	-30.62	2.4G	-32.26	2.48358G	-57.52	24.64319G	-46.08	1
2.43574G	5.95	-24.05	2.30117G	-58.85	2.39986G	-30.62	2.4G	-31.41	2.48844G	-57.59	24.63195G	-45.54	2

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

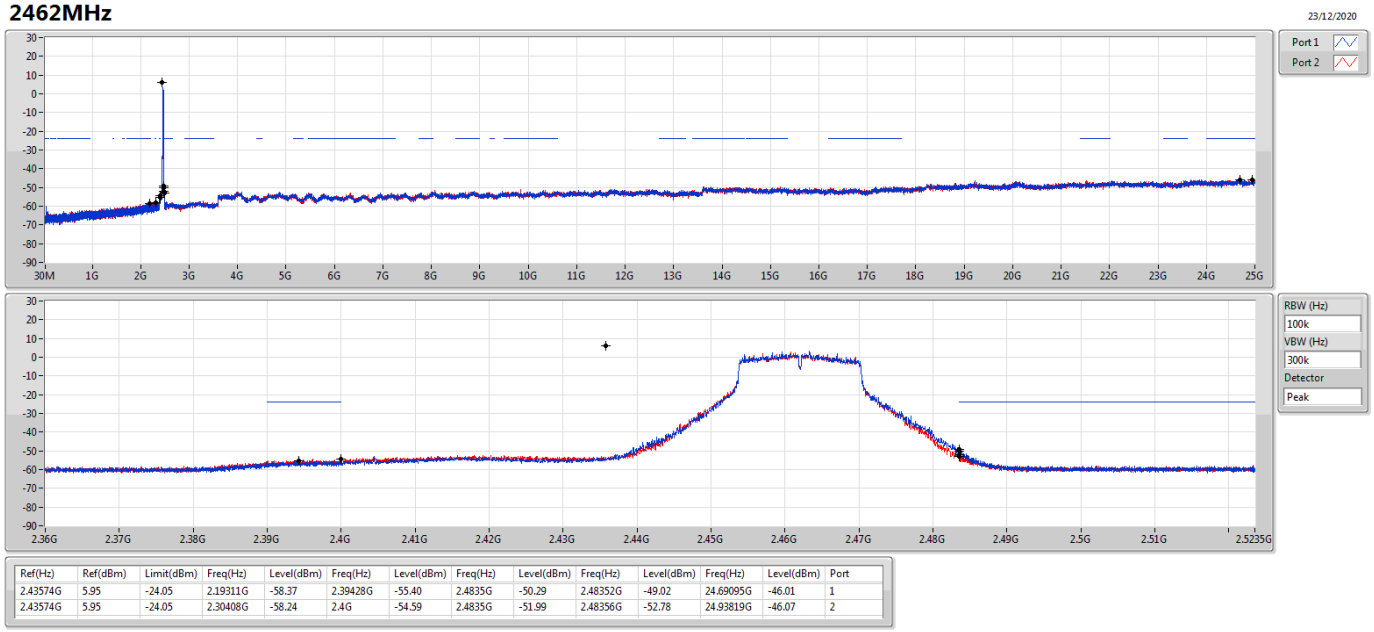
2437MHz



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
2.43574G	5.95	-24.05	2.15205G	-58.39	2.39888G	-49.36	2.4G	-50.86	2.48358G	-54.68	24.39594G	-45.74	1
2.43574G	5.95	-24.05	2.14739G	-58.66	2.3995G	-48.92	2.4G	-49.37	2.48448G	-53.71	24.65442G	-45.87	2

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

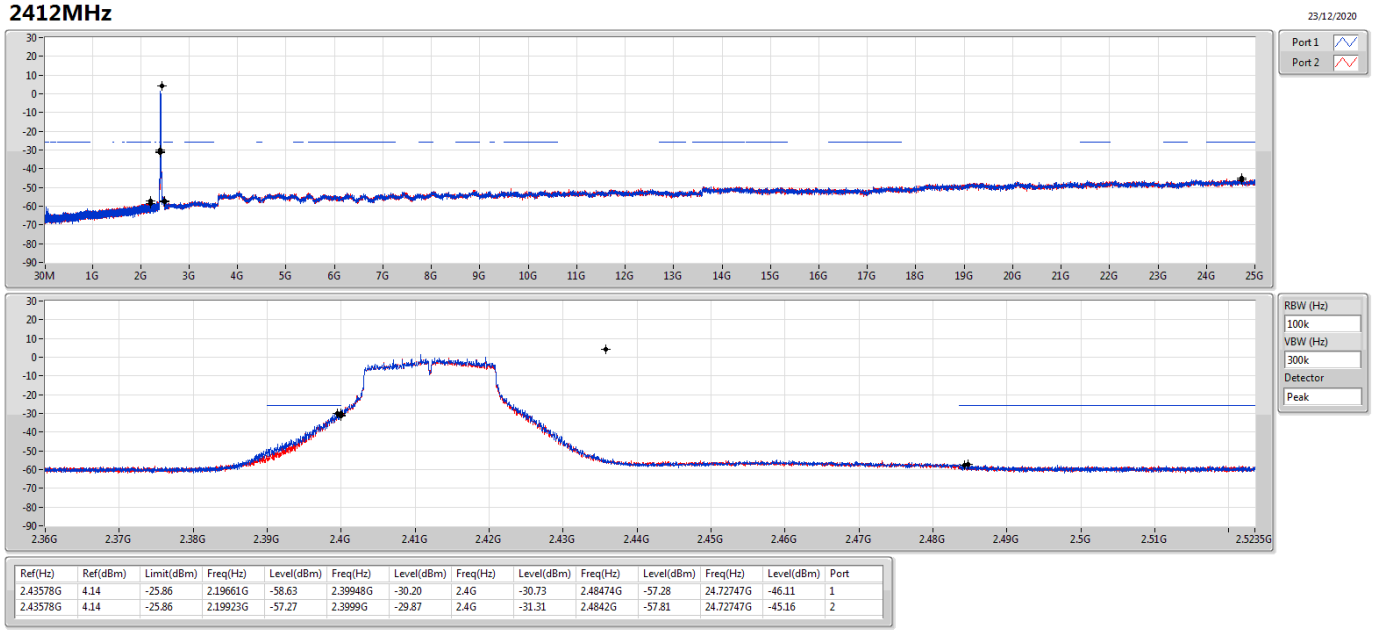
2462MHz



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
2.43574G	5.95	-24.05	2.19311G	-58.37	2.39428G	-55.40	2.4835G	-50.29	2.48352G	-49.02	24.69095G	-46.01	1
2.43574G	5.95	-24.05	2.30408G	-58.24	2.4G	-54.59	2.4835G	-51.99	2.48356G	-52.78	24.93819G	-46.07	2

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

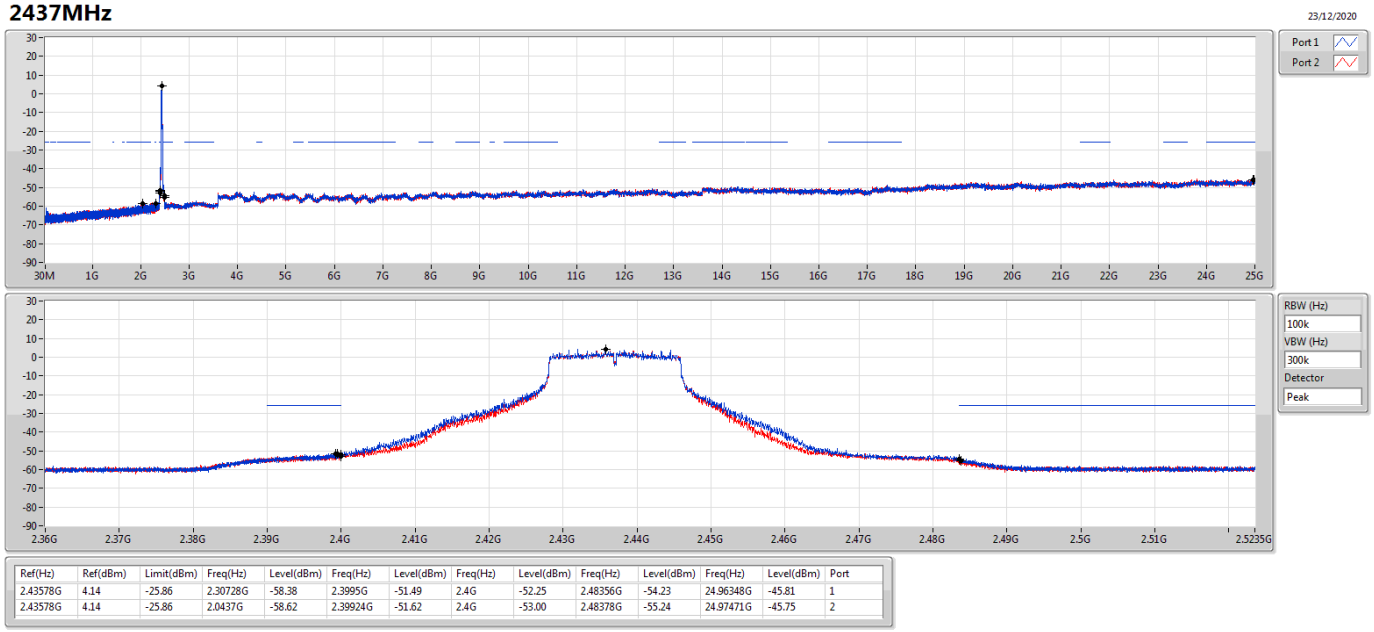
2412MHz



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
2.43578G	4.14	-25.86	2.19661G	-58.63	2.39948G	-30.20	2.4G	-30.73	2.48474G	-57.28	24.72747G	-46.11	1
2.43578G	4.14	-25.86	2.19923G	-57.27	2.3999G	-29.87	2.4G	-31.31	2.4842G	-57.81	24.72747G	-45.16	2

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

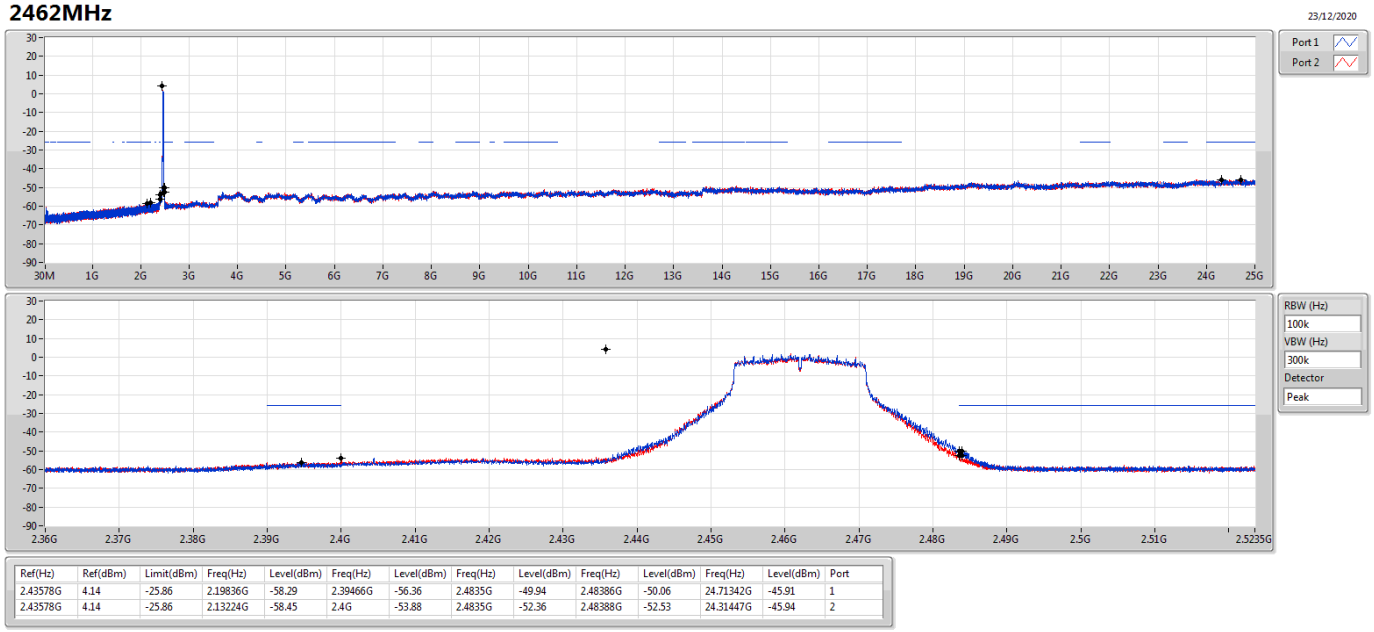
2437MHz



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
2.43578G	4.14	-25.86	2.30728G	-58.38	2.3995G	-51.49	2.4G	-52.25	2.48356G	-54.23	24.96348G	-45.81	1
2.43578G	4.14	-25.86	2.0437G	-58.62	2.39924G	-51.62	2.4G	-53.00	2.48378G	-55.24	24.97471G	-45.75	2

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

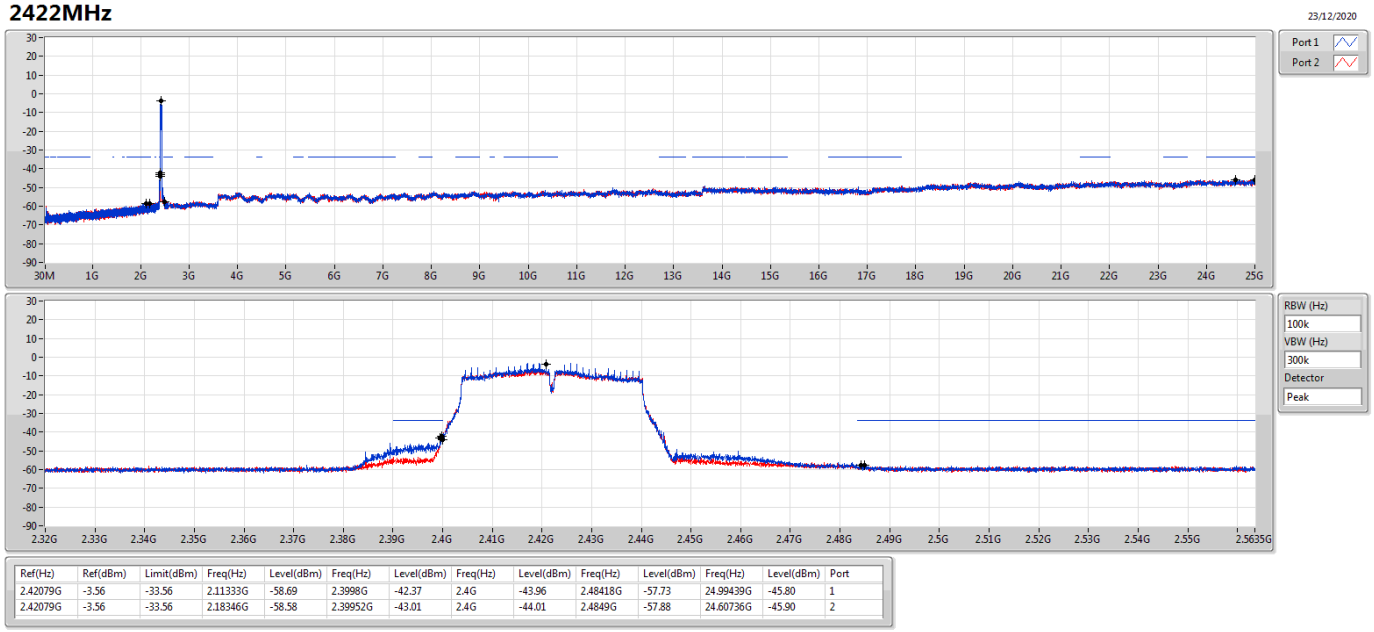
2462MHz



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
2.43578G	4.14	-25.86	2.19836G	-58.29	2.39466G	-56.36	2.4835G	-49.94	2.48386G	-50.06	24.71342G	-45.91	1
2.43578G	4.14	-25.86	2.13224G	-58.45	2.4G	-53.88	2.4835G	-52.36	2.48388G	-52.53	24.31447G	-45.94	2

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

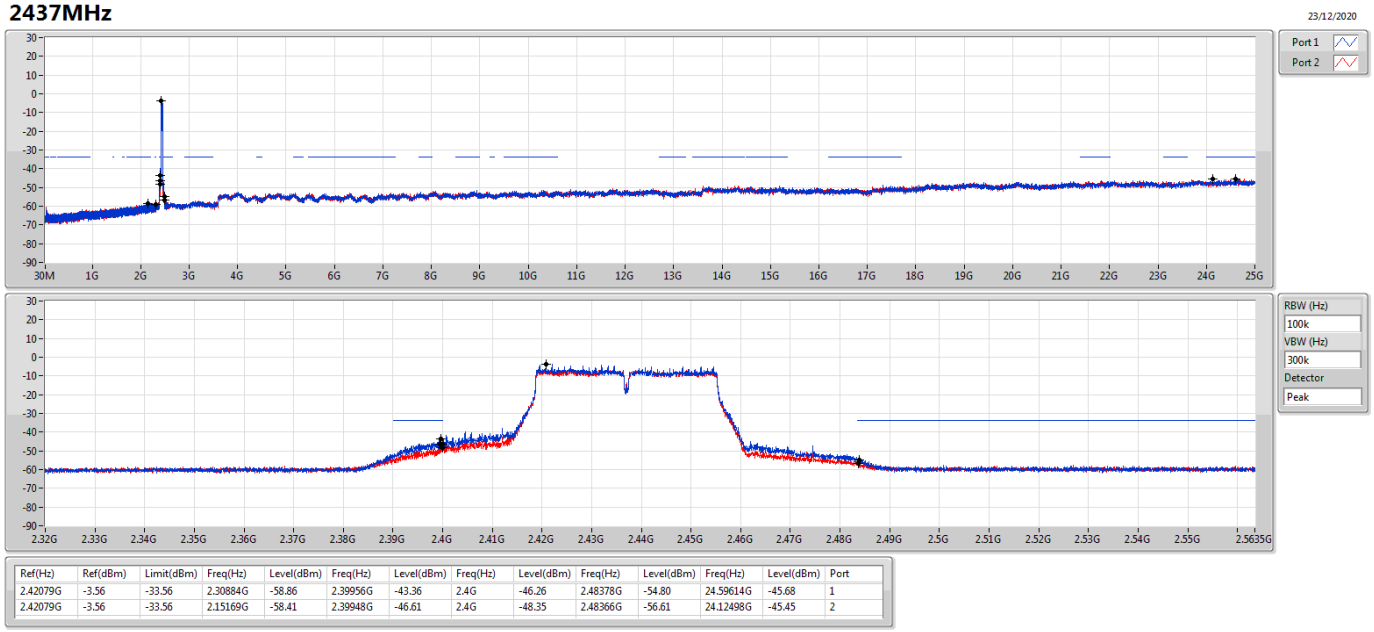
2422MHz



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
2.42079G	-3.56	-33.56	2.11333G	-58.69	2.3998G	-42.37	2.4G	-43.96	2.48418G	-57.73	24.99439G	-45.80	1
2.42079G	-3.56	-33.56	2.18346G	-58.58	2.39952G	-43.01	2.4G	-44.01	2.4849G	-57.88	24.60736G	-45.90	2

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

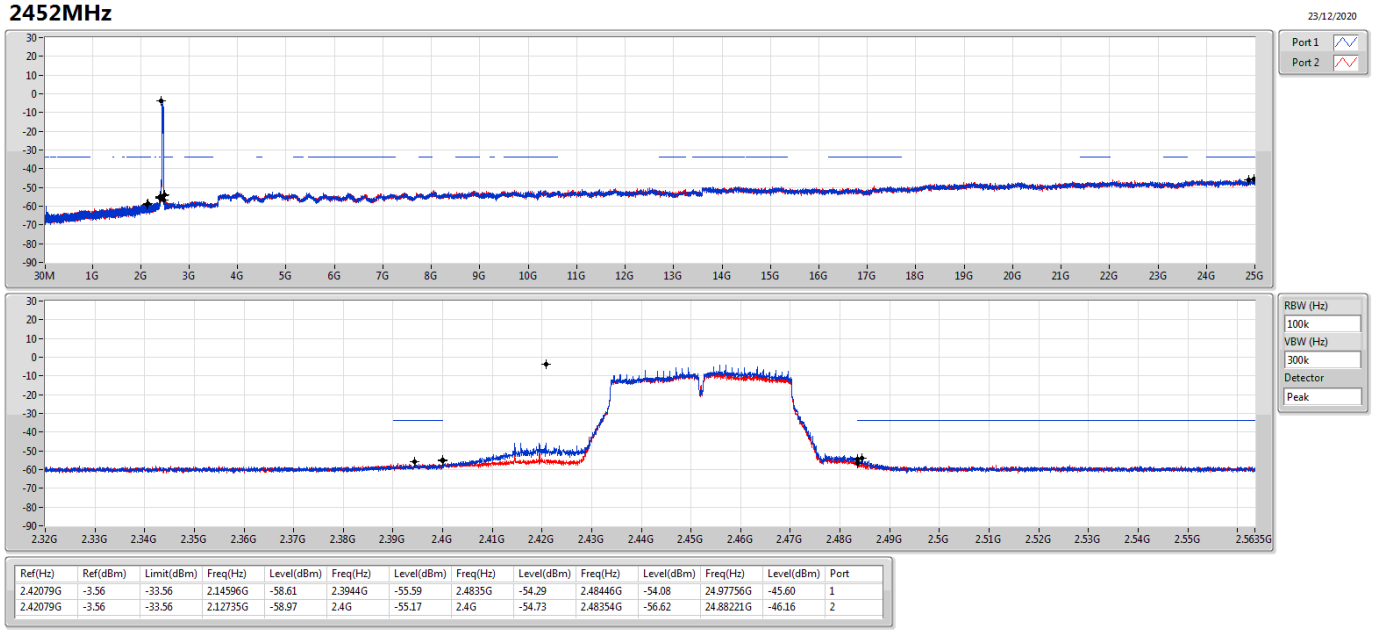
2437MHz



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
2.42079G	-3.56	-33.56	2.30884G	-58.86	2.39956G	-43.36	2.4G	-46.26	2.48378G	-54.80	24.59614G	-45.68	1
2.42079G	-3.56	-33.56	2.15169G	-58.41	2.39948G	-46.61	2.4G	-48.35	2.48366G	-56.61	24.12498G	-45.45	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
2.42079G	-3.56	-33.56	2.14596G	-58.61	2.3944G	-55.59	2.4835G	-54.29	2.48446G	-54.08	24.97756G	-45.60	1
2.42079G	-3.56	-33.56	2.12735G	-58.97	2.4G	-55.17	2.4G	-54.73	2.48354G	-56.62	24.88221G	-46.16	2

Summary

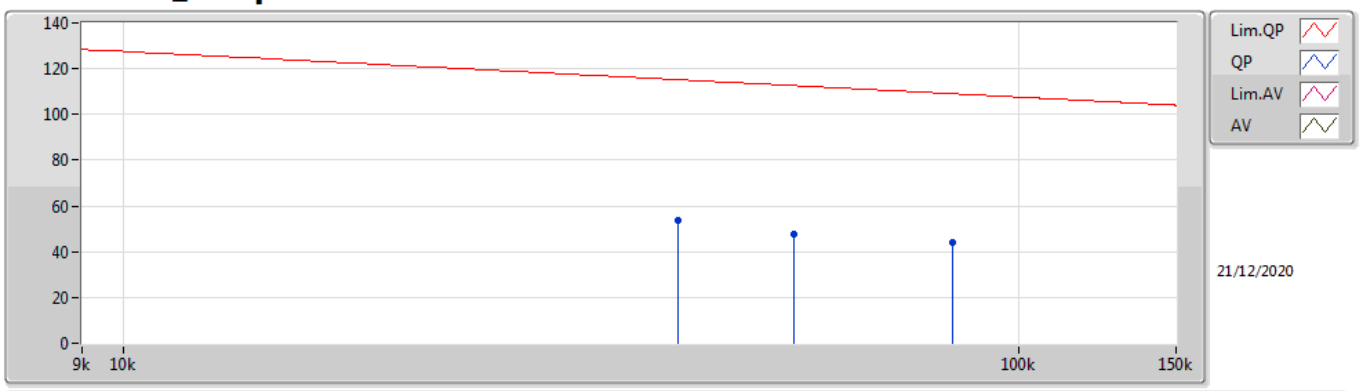
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	QP	293.84M	42.85	46.00	-3.15	3	Horizontal	0	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	41.712k	53.67	115.19	-61.52	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	56.094k	47.62	112.61	-64.99	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	84.576k	44.03	109.05	-65.02	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	388.8k	53.10	95.80	-42.70	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	1.881M	45.87	69.50	-23.63	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	3.672M	40.42	69.50	-29.08	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	30M	31.11	40.00	-8.89	3	Vertical	360	1.00	-
2437MHz	Pass	PK	229.82M	34.63	46.00	-11.37	3	Vertical	360	1.00	-
2437MHz	Pass	PK	293.84M	39.94	46.00	-6.06	3	Vertical	360	1.00	-
2437MHz	Pass	PK	311.3M	39.48	46.00	-6.52	3	Vertical	360	1.00	-
2437MHz	Pass	PK	441.28M	36.96	46.00	-9.04	3	Vertical	360	1.00	-
2437MHz	Pass	PK	935.98M	41.34	46.00	-4.66	3	Vertical	360	1.00	-
2437MHz	Pass	PK	227.88M	38.99	46.00	-7.01	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	311.3M	42.01	46.00	-3.99	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	367.56M	41.90	46.00	-4.10	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	714.82M	39.28	46.00	-6.72	3	Horizontal	0	1.00	-
2437MHz	Pass	QP	30M	34.36	40.00	-5.64	3	Horizontal	284	1.48	-
2437MHz	Pass	QP	293.84M	42.85	46.00	-3.15	3	Horizontal	0	1.00	-

802.11n HT40_Nss1,(MCS0)_1TX

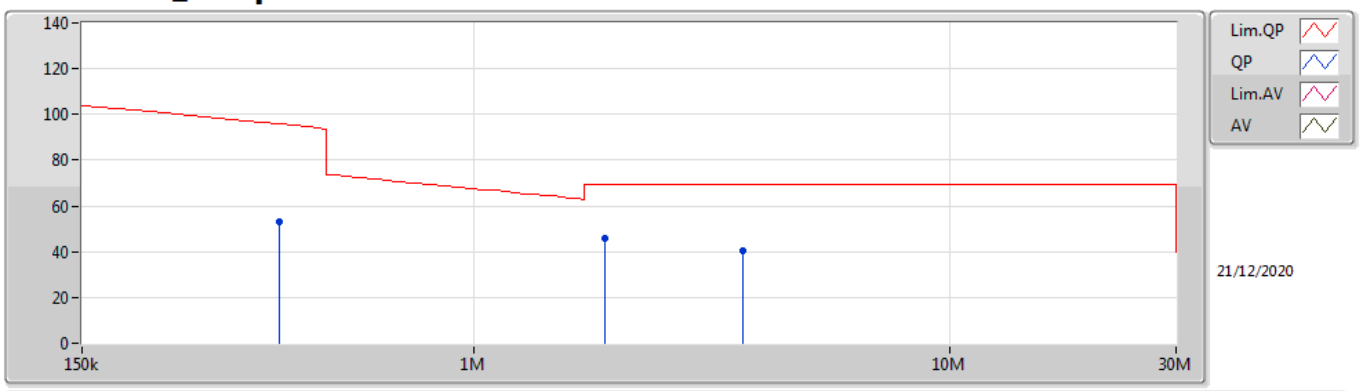
2437MHz_Adapter



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	41.712k	53.67	115.19	-61.52	21.25	3	Horizontal	0	1.00	-	32.42	21.20	0.05	-
PK	56.094k	47.62	112.61	-64.99	21.03	3	Horizontal	0	1.00	-	26.59	20.98	0.05	-
PK	84.576k	44.03	109.05	-65.02	20.28	3	Horizontal	0	1.00	-	23.75	20.22	0.06	-

802.11n HT40_Nss1,(MCS0)_1TX

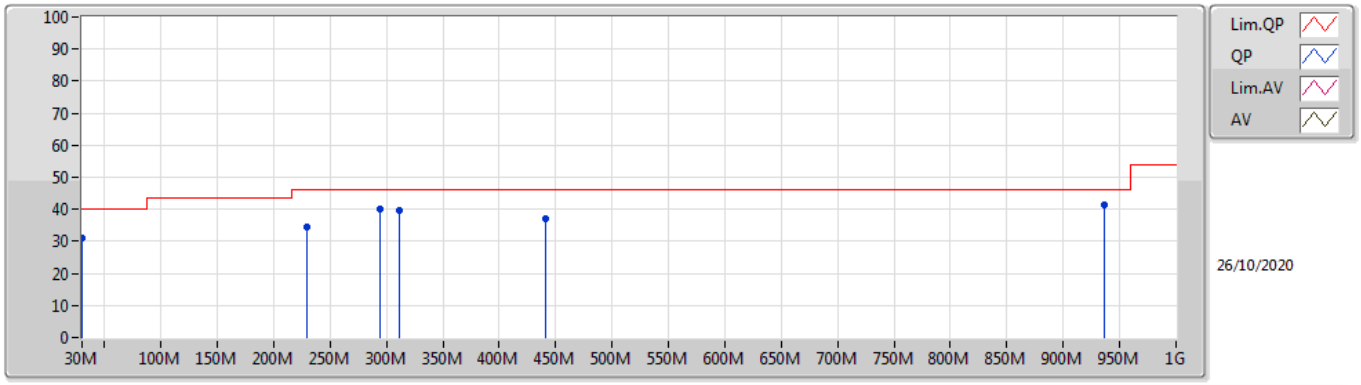
2437MHz_Adapter



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	388.8k	53.10	95.80	-42.70	20.55	3	Horizontal	360	1.00	-	32.55	20.45	0.10	-
PK	1.881M	45.87	69.50	-23.63	20.26	3	Horizontal	360	1.00	-	25.61	20.06	0.20	-
PK	3.672M	40.42	69.50	-29.08	20.44	3	Horizontal	360	1.00	-	19.98	20.16	0.28	-

802.11n HT40_Nss1,(MCS0)_1TX

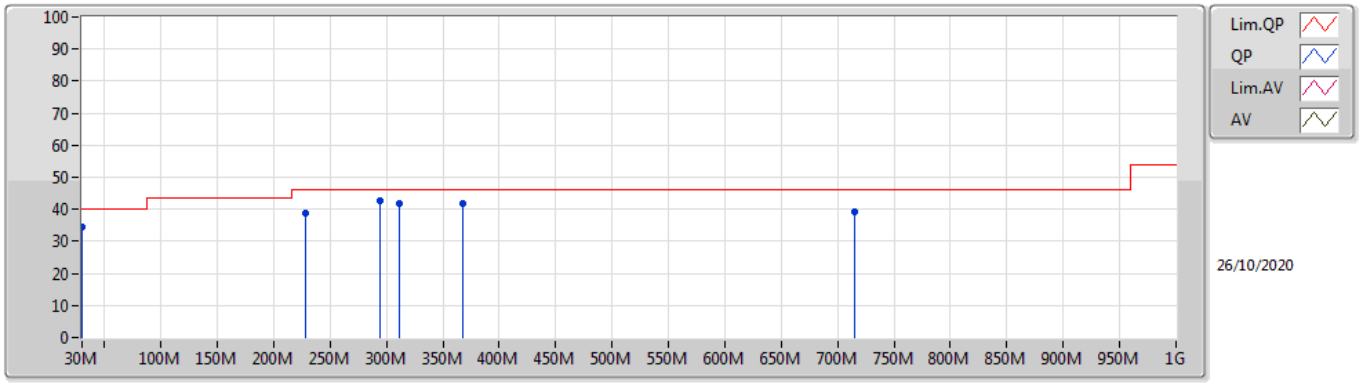
2437MHz_Adapter



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	30M	31.11	40.00	-8.89	-3.36	3	Vertical	360	1.00	-	34.47	23.32	0.90	27.58
PK	229.82M	34.63	46.00	-11.37	-9.03	3	Vertical	360	1.00	-	43.66	15.28	2.48	26.79
PK	293.84M	39.94	46.00	-6.06	-5.52	3	Vertical	360	1.00	-	45.46	18.28	2.86	26.66
PK	311.3M	39.48	46.00	-6.52	-5.01	3	Vertical	360	1.00	-	44.49	18.76	2.95	26.72
PK	441.28M	36.96	46.00	-9.04	-2.38	3	Vertical	360	1.00	-	39.34	21.85	3.38	27.61
PK	935.98M	41.34	46.00	-4.66	3.78	3	Vertical	360	1.00	-	37.56	25.85	5.29	27.36

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_Adapter



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	227.88M	38.99	46.00	-7.01	-9.24	3	Horizontal	0	1.00	-	48.23	15.09	2.47	26.80
PK	311.3M	42.01	46.00	-3.99	-5.01	3	Horizontal	0	1.00	-	47.02	18.76	2.95	26.72
PK	367.56M	41.90	46.00	-4.10	-3.92	3	Horizontal	0	1.00	-	45.82	19.96	3.17	27.05
PK	714.82M	39.28	46.00	-6.72	0.73	3	Horizontal	0	1.00	-	38.55	24.26	4.46	27.99
QP	30M	34.36	40.00	-5.64	-3.36	3	Horizontal	284	1.48	-	37.72	23.32	0.90	27.58
QP	293.84M	42.85	46.00	-3.15	-5.52	3	Horizontal	0	1.00	-	48.37	18.28	2.86	26.66

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	4.834G	49.60	54.00	-4.40	3	Horizontal	344	1.68	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.4835G	49.92	54.00	-4.08	3	Vertical	253	2.08	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	AV	2.39G	49.80	54.00	-4.20	3	Horizontal	0	1.00	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	AV	2.389G	50.00	54.00	-4.00	3	Horizontal	353	3.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3872G	47.78	54.00	-6.22	3	Vertical	42	1.28	-
2412MHz	Pass	AV	2.4112G	105.12	Inf	-Inf	3	Vertical	42	1.28	-
2412MHz	Pass	PK	2.3894G	59.59	74.00	-14.41	3	Vertical	42	1.28	-
2412MHz	Pass	PK	2.4112G	107.55	Inf	-Inf	3	Vertical	42	1.28	-
2412MHz	Pass	AV	2.387G	48.58	54.00	-5.42	3	Horizontal	0	1.00	-
2412MHz	Pass	AV	2.411G	107.95	Inf	-Inf	3	Horizontal	0	1.00	-
2412MHz	Pass	PK	2.3896G	61.28	74.00	-12.72	3	Horizontal	0	1.00	-
2412MHz	Pass	PK	2.411G	109.31	Inf	-Inf	3	Horizontal	0	1.00	-
2412MHz	Pass	AV	4.82402G	43.23	54.00	-10.77	3	Vertical	206	1.29	-
2412MHz	Pass	PK	4.82398G	49.58	74.00	-24.42	3	Vertical	206	1.29	-
2412MHz	Pass	AV	4.82404G	49.52	54.00	-4.48	3	Horizontal	344	1.80	-
2412MHz	Pass	PK	4.82408G	53.24	74.00	-20.76	3	Horizontal	344	1.80	-
2417MHz	Pass	AV	2.3896G	47.22	54.00	-6.78	3	Vertical	354	1.50	-
2417MHz	Pass	AV	2.4178G	105.08	Inf	-Inf	3	Vertical	354	1.50	-
2417MHz	Pass	PK	2.3798G	59.45	74.00	-14.55	3	Vertical	354	1.50	-
2417MHz	Pass	PK	2.4178G	107.47	Inf	-Inf	3	Vertical	354	1.50	-
2417MHz	Pass	AV	2.39G	48.86	54.00	-5.14	3	Horizontal	360	1.01	-
2417MHz	Pass	AV	2.4158G	106.44	Inf	-Inf	3	Horizontal	360	1.01	-
2417MHz	Pass	PK	2.39G	59.45	74.00	-14.55	3	Horizontal	360	1.01	-
2417MHz	Pass	PK	2.4162G	108.98	Inf	-Inf	3	Horizontal	360	1.01	-
2417MHz	Pass	AV	4.834G	41.75	54.00	-12.25	3	Vertical	203	1.31	-
2417MHz	Pass	PK	4.83404G	49.31	74.00	-24.69	3	Vertical	203	1.31	-
2417MHz	Pass	AV	4.834G	49.60	54.00	-4.40	3	Horizontal	344	1.68	-
2417MHz	Pass	PK	4.83414G	53.23	74.00	-20.77	3	Horizontal	344	1.68	-
2437MHz	Pass	AV	2.3898G	47.52	54.00	-6.48	3	Vertical	29	1.51	-
2437MHz	Pass	AV	2.4362G	107.72	Inf	-Inf	3	Vertical	29	1.51	-
2437MHz	Pass	AV	2.4842G	48.10	54.00	-5.90	3	Vertical	29	1.51	-
2437MHz	Pass	PK	2.3898G	59.87	74.00	-14.13	3	Vertical	29	1.51	-
2437MHz	Pass	PK	2.4362G	110.29	Inf	-Inf	3	Vertical	29	1.51	-
2437MHz	Pass	PK	2.497G	59.36	74.00	-14.64	3	Vertical	29	1.51	-
2437MHz	Pass	AV	2.3898G	47.52	54.00	-6.48	3	Horizontal	298	1.07	-
2437MHz	Pass	AV	2.4362G	109.75	Inf	-Inf	3	Horizontal	298	1.07	-
2437MHz	Pass	AV	2.4854G	48.11	54.00	-5.89	3	Horizontal	298	1.07	-
2437MHz	Pass	PK	2.3862G	59.49	74.00	-14.51	3	Horizontal	298	1.07	-
2437MHz	Pass	PK	2.4362G	112.22	Inf	-Inf	3	Horizontal	298	1.07	-
2437MHz	Pass	PK	2.4982G	60.32	74.00	-13.68	3	Horizontal	298	1.07	-
2437MHz	Pass	AV	4.87402G	46.97	54.00	-7.03	3	Vertical	239	1.87	-
2437MHz	Pass	PK	4.87406G	52.01	74.00	-21.99	3	Vertical	239	1.87	-
2437MHz	Pass	AV	4.87398G	49.18	54.00	-4.82	3	Horizontal	338	1.85	-
2437MHz	Pass	PK	4.874G	53.60	74.00	-20.40	3	Horizontal	338	1.85	-
2457MHz	Pass	AV	2.4562G	108.68	Inf	-Inf	3	Vertical	24	1.60	-
2457MHz	Pass	AV	2.4835G	48.10	54.00	-5.90	3	Vertical	24	1.60	-
2457MHz	Pass	PK	2.4562G	111.19	Inf	-Inf	3	Vertical	24	1.60	-
2457MHz	Pass	PK	2.4976G	59.66	74.00	-14.34	3	Vertical	24	1.60	-
2457MHz	Pass	AV	2.4552G	108.68	Inf	-Inf	3	Horizontal	360	1.37	-
2457MHz	Pass	AV	2.4852G	48.11	54.00	-5.89	3	Horizontal	360	1.37	-
2457MHz	Pass	PK	2.456G	111.20	Inf	-Inf	3	Horizontal	360	1.37	-
2457MHz	Pass	PK	2.4946G	61.19	74.00	-12.81	3	Horizontal	360	1.37	-
2457MHz	Pass	AV	4.91398G	44.83	54.00	-9.17	3	Vertical	222	1.42	-
2457MHz	Pass	PK	4.91408G	50.36	74.00	-23.64	3	Vertical	222	1.42	-
2457MHz	Pass	AV	4.91404G	49.01	54.00	-4.99	3	Horizontal	11	1.82	-
2457MHz	Pass	PK	4.91402G	53.11	74.00	-20.89	3	Horizontal	11	1.82	-
2462MHz	Pass	AV	2.4612G	108.91	Inf	-Inf	3	Vertical	24	1.60	-
2462MHz	Pass	AV	2.4835G	48.92	54.00	-5.08	3	Vertical	24	1.60	-
2462MHz	Pass	PK	2.4612G	111.41	Inf	-Inf	3	Vertical	24	1.60	-
2462MHz	Pass	PK	2.4838G	60.39	74.00	-13.61	3	Vertical	24	1.60	-
2462MHz	Pass	AV	2.4612G	108.95	Inf	-Inf	3	Horizontal	0	1.20	-
2462MHz	Pass	AV	2.4835G	48.92	54.00	-5.08	3	Horizontal	0	1.20	-
2462MHz	Pass	PK	2.4612G	111.52	Inf	-Inf	3	Horizontal	0	1.20	-
2462MHz	Pass	PK	2.4835G	60.10	74.00	-13.90	3	Horizontal	0	1.20	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	AV	4.92398G	43.02	54.00	-10.98	3	Vertical	223	1.25	-
2462MHz	Pass	PK	4.92414G	50.11	74.00	-23.89	3	Vertical	223	1.25	-
2462MHz	Pass	AV	4.92402G	49.38	54.00	-4.62	3	Horizontal	345	1.58	-
2462MHz	Pass	PK	4.924G	53.39	74.00	-20.61	3	Horizontal	345	1.58	-
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	48.86	54.00	-5.14	3	Vertical	257	2.09	-
2412MHz	Pass	AV	2.4134G	99.80	Inf	-Inf	3	Vertical	257	2.09	-
2412MHz	Pass	PK	2.3894G	60.47	74.00	-13.53	3	Vertical	257	2.09	-
2412MHz	Pass	PK	2.4138G	109.28	Inf	-Inf	3	Vertical	257	2.09	-
2412MHz	Pass	AV	2.3898G	49.34	54.00	-4.66	3	Horizontal	352	3.00	-
2412MHz	Pass	AV	2.4148G	100.61	Inf	-Inf	3	Horizontal	352	3.00	-
2412MHz	Pass	PK	2.3898G	61.16	74.00	-12.84	3	Horizontal	352	3.00	-
2412MHz	Pass	PK	2.4152G	109.50	Inf	-Inf	3	Horizontal	352	3.00	-
2412MHz	Pass	AV	4.83284G	33.59	54.00	-20.41	3	Vertical	71	1.71	-
2412MHz	Pass	PK	4.83G	45.98	74.00	-28.02	3	Vertical	71	1.71	-
2412MHz	Pass	AV	4.82632G	34.20	54.00	-19.80	3	Horizontal	357	2.41	-
2412MHz	Pass	PK	4.82024G	46.38	74.00	-27.62	3	Horizontal	357	2.41	-
2417MHz	Pass	AV	2.3896G	49.10	54.00	-4.90	3	Vertical	258	2.10	-
2417MHz	Pass	AV	2.4184G	103.36	Inf	-Inf	3	Vertical	258	2.10	-
2417MHz	Pass	PK	2.3894G	61.16	74.00	-12.84	3	Vertical	258	2.10	-
2417MHz	Pass	PK	2.419G	112.60	Inf	-Inf	3	Vertical	258	2.10	-
2417MHz	Pass	PK	2.3888G	61.73	74.00	-12.27	3	Horizontal	351	3.00	-
2417MHz	Pass	AV	2.3898G	49.34	54.00	-4.66	3	Horizontal	351	3.00	-
2417MHz	Pass	PK	2.42G	112.79	Inf	-Inf	3	Horizontal	351	3.00	-
2417MHz	Pass	AV	2.4196G	103.98	Inf	-Inf	3	Horizontal	351	3.00	-
2437MHz	Pass	AV	2.3898G	49.10	54.00	-4.90	3	Vertical	258	2.04	-
2437MHz	Pass	AV	2.4386G	105.62	Inf	-Inf	3	Vertical	258	2.04	-
2437MHz	Pass	AV	2.4842G	49.19	54.00	-4.81	3	Vertical	258	2.04	-
2437MHz	Pass	PK	2.3886G	60.53	74.00	-13.47	3	Vertical	258	2.04	-
2437MHz	Pass	PK	2.439G	115.21	Inf	-Inf	3	Vertical	258	2.04	-
2437MHz	Pass	PK	2.4846G	61.50	74.00	-12.50	3	Vertical	258	2.04	-
2437MHz	Pass	AV	2.3898G	49.10	54.00	-4.90	3	Horizontal	354	2.95	-
2437MHz	Pass	AV	2.4398G	106.12	Inf	-Inf	3	Horizontal	354	2.95	-
2437MHz	Pass	AV	2.4835G	49.68	54.00	-4.32	3	Horizontal	354	2.95	-
2437MHz	Pass	PK	2.3886G	60.13	74.00	-13.87	3	Horizontal	354	2.95	-
2437MHz	Pass	PK	2.4398G	115.16	Inf	-Inf	3	Horizontal	354	2.95	-
2437MHz	Pass	PK	2.4846G	61.25	74.00	-12.75	3	Horizontal	354	2.95	-
2437MHz	Pass	AV	4.87168G	36.33	54.00	-17.67	3	Vertical	202	1.98	-
2437MHz	Pass	PK	4.87192G	48.60	74.00	-25.40	3	Vertical	202	1.98	-
2437MHz	Pass	AV	4.87188G	37.16	54.00	-16.84	3	Horizontal	334	1.70	-
2437MHz	Pass	PK	4.87128G	49.53	74.00	-24.47	3	Horizontal	334	1.70	-
2457MHz	Pass	AV	2.4584G	104.43	Inf	-Inf	3	Vertical	254	2.08	-
2457MHz	Pass	AV	2.4835G	49.18	54.00	-4.82	3	Vertical	254	2.08	-
2457MHz	Pass	PK	2.459G	113.36	Inf	-Inf	3	Vertical	254	2.08	-
2457MHz	Pass	PK	2.4848G	61.19	74.00	-12.81	3	Vertical	254	2.08	-
2457MHz	Pass	AV	2.4556G	105.25	Inf	-Inf	3	Horizontal	356	2.69	-
2457MHz	Pass	AV	2.4835G	49.18	54.00	-4.82	3	Horizontal	356	2.69	-
2457MHz	Pass	PK	2.4554G	114.32	Inf	-Inf	3	Horizontal	356	2.69	-
2457MHz	Pass	PK	2.487G	64.15	74.00	-9.85	3	Horizontal	356	2.69	-
2462MHz	Pass	AV	2.463G	102.40	Inf	-Inf	3	Vertical	253	2.08	-
2462MHz	Pass	AV	2.4835G	49.92	54.00	-4.08	3	Vertical	253	2.08	-
2462MHz	Pass	PK	2.4586G	111.58	Inf	-Inf	3	Vertical	253	2.08	-
2462MHz	Pass	PK	2.484G	61.25	74.00	-12.75	3	Vertical	253	2.08	-
2462MHz	Pass	AV	2.4608G	103.57	Inf	-Inf	3	Horizontal	357	2.76	-
2462MHz	Pass	AV	2.4835G	49.68	54.00	-4.32	3	Horizontal	357	2.76	-
2462MHz	Pass	PK	2.4606G	112.40	Inf	-Inf	3	Horizontal	357	2.76	-
2462MHz	Pass	PK	2.4838G	62.66	74.00	-11.34	3	Horizontal	357	2.76	-
2462MHz	Pass	AV	4.93396G	33.97	54.00	-20.03	3	Vertical	269	2.02	-
2462MHz	Pass	PK	4.92204G	46.32	74.00	-27.68	3	Vertical	269	2.02	-
2462MHz	Pass	AV	4.92196G	35.05	54.00	-18.95	3	Horizontal	357	2.07	-
2462MHz	Pass	PK	4.92216G	47.88	74.00	-26.12	3	Horizontal	357	2.07	-
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-

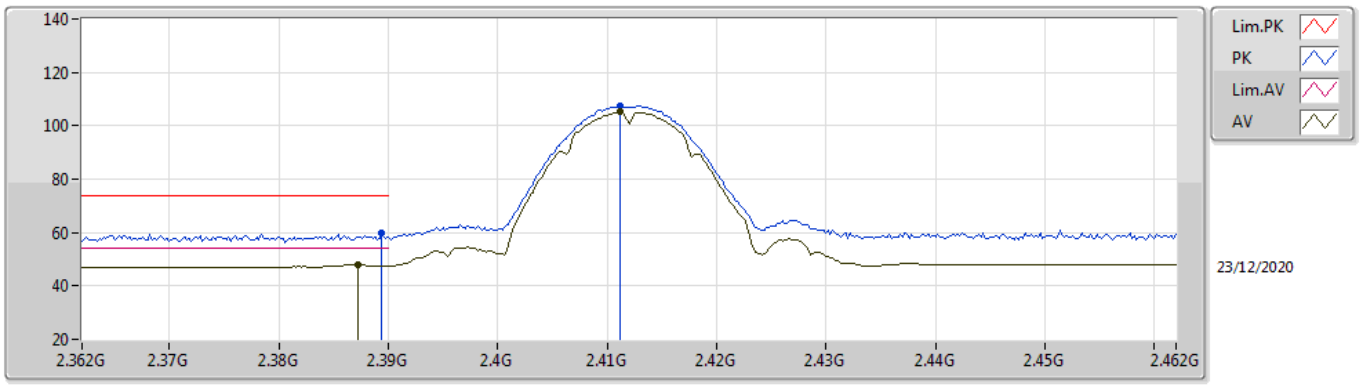
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	AV	2.39G	48.08	54.00	-5.92	3	Vertical	263	1.75	-
2412MHz	Pass	AV	2.4174G	97.45	Inf	-Inf	3	Vertical	263	1.75	-
2412MHz	Pass	PK	2.39G	60.15	74.00	-13.85	3	Vertical	263	1.75	-
2412MHz	Pass	PK	2.4158G	106.62	Inf	-Inf	3	Vertical	263	1.75	-
2412MHz	Pass	AV	2.39G	49.80	54.00	-4.20	3	Horizontal	0	1.00	-
2412MHz	Pass	AV	2.4106G	98.30	Inf	-Inf	3	Horizontal	0	1.00	-
2412MHz	Pass	PK	2.39G	61.80	74.00	-12.20	3	Horizontal	0	1.00	-
2412MHz	Pass	PK	2.4112G	107.31	Inf	-Inf	3	Horizontal	0	1.00	-
2412MHz	Pass	AV	4.833G	33.59	54.00	-20.41	3	Vertical	16	2.49	-
2412MHz	Pass	PK	4.818G	46.26	74.00	-27.74	3	Vertical	16	2.49	-
2412MHz	Pass	AV	4.83216G	33.60	54.00	-20.40	3	Horizontal	209	2.05	-
2412MHz	Pass	PK	4.83224G	46.03	74.00	-27.97	3	Horizontal	209	2.05	-
2417MHz	Pass	AV	2.39G	48.60	54.00	-5.40	3	Vertical	350	1.48	-
2417MHz	Pass	AV	2.4176G	100.28	Inf	-Inf	3	Vertical	350	1.48	-
2417MHz	Pass	PK	2.373G	59.78	74.00	-14.22	3	Vertical	350	1.48	-
2417MHz	Pass	PK	2.416G	109.14	Inf	-Inf	3	Vertical	350	1.48	-
2417MHz	Pass	AV	2.39G	49.80	54.00	-4.20	3	Horizontal	0	1.00	-
2417MHz	Pass	AV	2.4156G	101.66	Inf	-Inf	3	Horizontal	0	1.00	-
2417MHz	Pass	PK	2.39G	60.92	74.00	-13.08	3	Horizontal	0	1.00	-
2417MHz	Pass	PK	2.4132G	110.77	Inf	-Inf	3	Horizontal	0	1.00	-
2437MHz	Pass	AV	2.3898G	49.34	54.00	-4.66	3	Vertical	256	2.05	-
2437MHz	Pass	AV	2.4434G	104.90	Inf	-Inf	3	Vertical	256	2.05	-
2437MHz	Pass	AV	2.4835G	49.44	54.00	-4.56	3	Vertical	256	2.05	-
2437MHz	Pass	PK	2.3898G	60.61	74.00	-13.39	3	Vertical	256	2.05	-
2437MHz	Pass	PK	2.4406G	113.88	Inf	-Inf	3	Vertical	256	2.05	-
2437MHz	Pass	PK	2.4835G	60.80	74.00	-13.20	3	Vertical	256	2.05	-
2437MHz	Pass	AV	2.3898G	49.34	54.00	-4.66	3	Horizontal	349	1.14	-
2437MHz	Pass	AV	2.429G	105.10	Inf	-Inf	3	Horizontal	349	1.14	-
2437MHz	Pass	AV	2.4838G	48.93	54.00	-5.07	3	Horizontal	349	1.14	-
2437MHz	Pass	PK	2.3894G	60.47	74.00	-13.53	3	Horizontal	349	1.14	-
2437MHz	Pass	PK	2.429G	113.59	Inf	-Inf	3	Horizontal	349	1.14	-
2437MHz	Pass	PK	2.4894G	60.03	74.00	-13.97	3	Horizontal	349	1.14	-
2437MHz	Pass	AV	4.86652G	35.76	54.00	-18.24	3	Vertical	202	1.98	-
2437MHz	Pass	PK	4.86892G	48.49	74.00	-25.51	3	Vertical	202	1.98	-
2437MHz	Pass	AV	4.87408G	37.07	54.00	-16.93	3	Horizontal	346	1.87	-
2437MHz	Pass	PK	4.87328G	51.38	74.00	-22.62	3	Horizontal	346	1.87	-
2457MHz	Pass	AV	2.46G	102.80	Inf	-Inf	3	Vertical	253	1.68	-
2457MHz	Pass	AV	2.4835G	49.18	54.00	-4.82	3	Vertical	253	1.68	-
2457MHz	Pass	PK	2.4608G	112.16	Inf	-Inf	3	Vertical	253	1.68	-
2457MHz	Pass	PK	2.489G	60.32	74.00	-13.68	3	Vertical	253	1.68	-
2457MHz	Pass	AV	2.4518G	103.26	Inf	-Inf	3	Horizontal	0	2.98	-
2457MHz	Pass	AV	2.4836G	48.93	54.00	-5.07	3	Horizontal	0	2.98	-
2457MHz	Pass	PK	2.4532G	112.72	Inf	-Inf	3	Horizontal	0	2.98	-
2457MHz	Pass	PK	2.4948G	60.39	74.00	-13.61	3	Horizontal	0	2.98	-
2462MHz	Pass	AV	2.4606G	100.77	Inf	-Inf	3	Vertical	24	1.59	-
2462MHz	Pass	AV	2.4835G	49.68	54.00	-4.32	3	Vertical	24	1.59	-
2462MHz	Pass	PK	2.461G	109.55	Inf	-Inf	3	Vertical	24	1.59	-
2462MHz	Pass	PK	2.4836G	60.86	74.00	-13.14	3	Vertical	24	1.59	-
2462MHz	Pass	AV	2.4606G	101.29	Inf	-Inf	3	Horizontal	360	1.17	-
2462MHz	Pass	AV	2.4835G	49.44	54.00	-4.56	3	Horizontal	360	1.17	-
2462MHz	Pass	PK	2.4608G	110.04	Inf	-Inf	3	Horizontal	360	1.17	-
2462MHz	Pass	PK	2.4836G	60.93	74.00	-13.07	3	Horizontal	360	1.17	-
2462MHz	Pass	AV	4.93288G	33.95	54.00	-20.05	3	Vertical	291	2.49	-
2462MHz	Pass	PK	4.91428G	46.94	74.00	-27.06	3	Vertical	291	2.49	-
2462MHz	Pass	AV	4.93136G	33.92	54.00	-20.08	3	Horizontal	204	1.33	-
2462MHz	Pass	PK	4.92272G	46.56	74.00	-27.44	3	Horizontal	204	1.33	-
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3892G	49.56	54.00	-4.44	3	Vertical	257	2.12	-
2422MHz	Pass	AV	2.4264G	94.78	Inf	-Inf	3	Vertical	257	2.12	-
2422MHz	Pass	AV	2.4908G	49.19	54.00	-4.81	3	Vertical	257	2.12	-
2422MHz	Pass	PK	2.3556G	60.20	74.00	-13.80	3	Vertical	257	2.12	-
2422MHz	Pass	PK	2.4252G	103.01	Inf	-Inf	3	Vertical	257	2.12	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2422MHz	Pass	PK	2.4928G	59.65	74.00	-14.35	3	Vertical	257	2.12	-
2422MHz	Pass	AV	2.3896G	49.57	54.00	-4.43	3	Horizontal	4	3.00	-
2422MHz	Pass	AV	2.4176G	95.78	Inf	-Inf	3	Horizontal	4	3.00	-
2422MHz	Pass	AV	2.4872G	49.20	54.00	-4.80	3	Horizontal	4	3.00	-
2422MHz	Pass	PK	2.3888G	59.79	74.00	-14.21	3	Horizontal	4	3.00	-
2422MHz	Pass	PK	2.4168G	103.90	Inf	-Inf	3	Horizontal	4	3.00	-
2422MHz	Pass	PK	2.4856G	59.28	74.00	-14.72	3	Horizontal	4	3.00	-
2422MHz	Pass	AV	4.84896G	34.99	54.00	-19.01	3	Vertical	335	1.48	-
2422MHz	Pass	PK	4.84844G	46.03	74.00	-27.97	3	Vertical	335	1.48	-
2422MHz	Pass	AV	4.84968G	35.12	54.00	-18.88	3	Horizontal	126	2.00	-
2422MHz	Pass	PK	4.85024G	46.61	74.00	-27.39	3	Horizontal	126	2.00	-
2427MHz	Pass	AV	2.3882G	49.32	54.00	-4.68	3	Vertical	258	2.11	-
2427MHz	Pass	AV	2.4162G	94.22	Inf	-Inf	3	Vertical	258	2.11	-
2427MHz	Pass	AV	2.4866G	48.94	54.00	-5.06	3	Vertical	258	2.11	-
2427MHz	Pass	PK	2.3286G	59.94	74.00	-14.06	3	Vertical	258	2.11	-
2427MHz	Pass	PK	2.4158G	102.43	Inf	-Inf	3	Vertical	258	2.11	-
2427MHz	Pass	PK	2.4914G	59.74	74.00	-14.26	3	Vertical	258	2.11	-
2427MHz	Pass	AV	2.389G	50.00	54.00	-4.00	3	Horizontal	353	3.00	-
2427MHz	Pass	AV	2.4206G	95.58	Inf	-Inf	3	Horizontal	353	3.00	-
2427MHz	Pass	AV	2.4854G	48.94	54.00	-5.06	3	Horizontal	353	3.00	-
2427MHz	Pass	PK	2.3898G	60.73	74.00	-13.27	3	Horizontal	353	3.00	-
2427MHz	Pass	PK	2.4218G	103.62	Inf	-Inf	3	Horizontal	353	3.00	-
2427MHz	Pass	PK	2.4982G	59.43	74.00	-14.57	3	Horizontal	353	3.00	-
2437MHz	Pass	AV	2.3898G	49.57	54.00	-4.43	3	Vertical	256	2.03	-
2437MHz	Pass	AV	2.4334G	95.39	Inf	-Inf	3	Vertical	256	2.03	-
2437MHz	Pass	AV	2.4838G	49.68	54.00	-4.32	3	Vertical	256	2.03	-
2437MHz	Pass	PK	2.387G	60.06	74.00	-13.94	3	Vertical	256	2.03	-
2437MHz	Pass	PK	2.4326G	104.06	Inf	-Inf	3	Vertical	256	2.03	-
2437MHz	Pass	PK	2.4962G	60.18	74.00	-13.82	3	Vertical	256	2.03	-
2437MHz	Pass	AV	2.3898G	49.79	54.00	-4.21	3	Horizontal	356	2.74	-
2437MHz	Pass	AV	2.4222G	95.89	Inf	-Inf	3	Horizontal	356	2.74	-
2437MHz	Pass	AV	2.4838G	49.68	54.00	-4.32	3	Horizontal	356	2.74	-
2437MHz	Pass	PK	2.3894G	59.87	74.00	-14.13	3	Horizontal	356	2.74	-
2437MHz	Pass	PK	2.4242G	104.29	Inf	-Inf	3	Horizontal	356	2.74	-
2437MHz	Pass	PK	2.4854G	60.04	74.00	-13.96	3	Horizontal	356	2.74	-
2437MHz	Pass	AV	4.87012G	36.11	54.00	-17.89	3	Vertical	239	2.08	-
2437MHz	Pass	PK	4.87756G	48.36	74.00	-25.64	3	Vertical	239	2.08	-
2437MHz	Pass	AV	4.87424G	38.53	54.00	-15.47	3	Horizontal	241	1.34	-
2437MHz	Pass	PK	4.8658G	49.88	74.00	-24.12	3	Horizontal	241	1.34	-
2447MHz	Pass	AV	2.3518G	48.55	54.00	-5.45	3	Vertical	256	2.05	-
2447MHz	Pass	AV	2.4446G	93.34	Inf	-Inf	3	Vertical	256	2.05	-
2447MHz	Pass	AV	2.4835G	49.44	54.00	-4.56	3	Vertical	256	2.05	-
2447MHz	Pass	PK	2.3538G	59.59	74.00	-14.41	3	Vertical	256	2.05	-
2447MHz	Pass	PK	2.4426G	101.58	Inf	-Inf	3	Vertical	256	2.05	-
2447MHz	Pass	PK	2.4846G	60.80	74.00	-13.20	3	Vertical	256	2.05	-
2447MHz	Pass	AV	2.389G	48.59	54.00	-5.41	3	Horizontal	360	3.00	-
2447MHz	Pass	AV	2.4502G	94.38	Inf	-Inf	3	Horizontal	360	3.00	-
2447MHz	Pass	AV	2.4838G	49.92	54.00	-4.08	3	Horizontal	360	3.00	-
2447MHz	Pass	PK	2.3662G	59.49	74.00	-14.51	3	Horizontal	360	3.00	-
2447MHz	Pass	PK	2.4502G	102.48	Inf	-Inf	3	Horizontal	360	3.00	-
2447MHz	Pass	PK	2.4835G	60.59	74.00	-13.41	3	Horizontal	360	3.00	-
2452MHz	Pass	AV	2.3888G	48.59	54.00	-5.41	3	Vertical	257	1.96	-
2452MHz	Pass	AV	2.4504G	93.19	Inf	-Inf	3	Vertical	257	1.96	-
2452MHz	Pass	AV	2.4852G	49.69	54.00	-4.31	3	Vertical	257	1.96	-
2452MHz	Pass	PK	2.3748G	59.72	74.00	-14.28	3	Vertical	257	1.96	-
2452MHz	Pass	PK	2.448G	101.59	Inf	-Inf	3	Vertical	257	1.96	-
2452MHz	Pass	PK	2.4835G	61.00	74.00	-13.00	3	Vertical	257	1.96	-
2452MHz	Pass	AV	2.3888G	48.59	54.00	-5.41	3	Horizontal	359	2.69	-
2452MHz	Pass	AV	2.4548G	94.84	Inf	-Inf	3	Horizontal	359	2.69	-
2452MHz	Pass	AV	2.486G	49.69	54.00	-4.31	3	Horizontal	359	2.69	-
2452MHz	Pass	PK	2.3592G	59.03	74.00	-14.97	3	Horizontal	359	2.69	-
2452MHz	Pass	PK	2.4548G	103.10	Inf	-Inf	3	Horizontal	359	2.69	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2452MHz	Pass	PK	2.4928G	60.03	74.00	-13.97	3	Horizontal	359	2.69	-
2452MHz	Pass	AV	4.91284G	35.27	54.00	-18.73	3	Vertical	241	2.38	-
2452MHz	Pass	PK	4.91176G	46.52	74.00	-27.48	3	Vertical	241	2.38	-
2452MHz	Pass	AV	4.89508G	35.19	54.00	-18.81	3	Horizontal	236	2.16	-
2452MHz	Pass	PK	4.90304G	46.78	74.00	-27.22	3	Horizontal	236	2.16	-

802.11b_Nss1,(1Mbps)_2TX

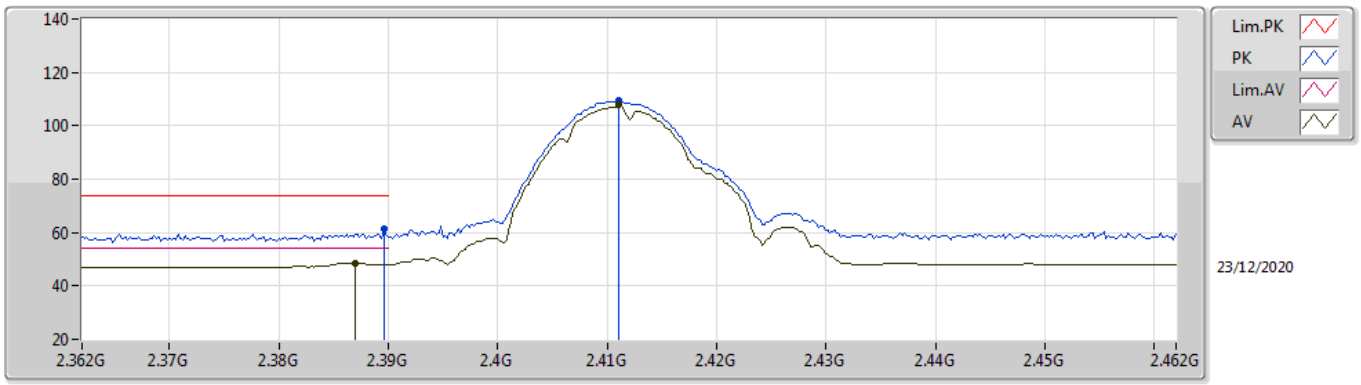
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3872G	47.78	54.00	-6.22	31.92	3	Vertical	42	1.28	-	15.86	27.63	4.29	-
AV	2.4112G	105.12	Inf	-Inf	31.89	3	Vertical	42	1.28	-	73.23	27.58	4.31	-
PK	2.3894G	59.59	74.00	-14.41	31.91	3	Vertical	42	1.28	-	27.68	27.62	4.29	-
PK	2.4112G	107.55	Inf	-Inf	31.89	3	Vertical	42	1.28	-	75.66	27.58	4.31	-

802.11b_Nss1,(1Mbps)_2TX

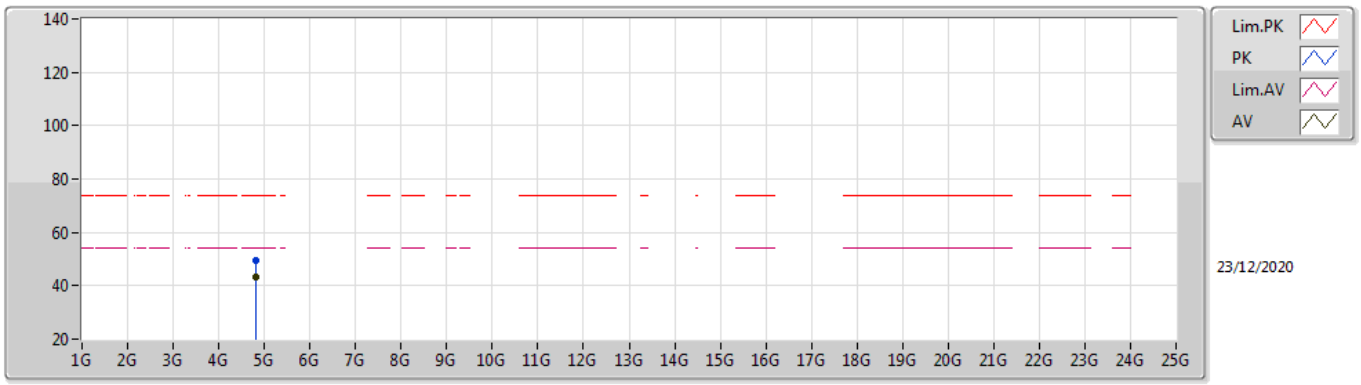
2412MHz_TX



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	2.387G	48.58	54.00	-5.42	31.92	3	Horizontal	0	1.00	-	16.66	27.63	4.29	-
AV	2.411G	107.95	Inf	-Inf	31.89	3	Horizontal	0	1.00	-	76.06	27.58	4.31	-
PK	2.3896G	61.28	74.00	-12.72	31.91	3	Horizontal	0	1.00	-	29.37	27.62	4.29	-
PK	2.411G	109.31	Inf	-Inf	31.89	3	Horizontal	0	1.00	-	77.42	27.58	4.31	-

802.11b_Nss1,(1Mbps)_2TX

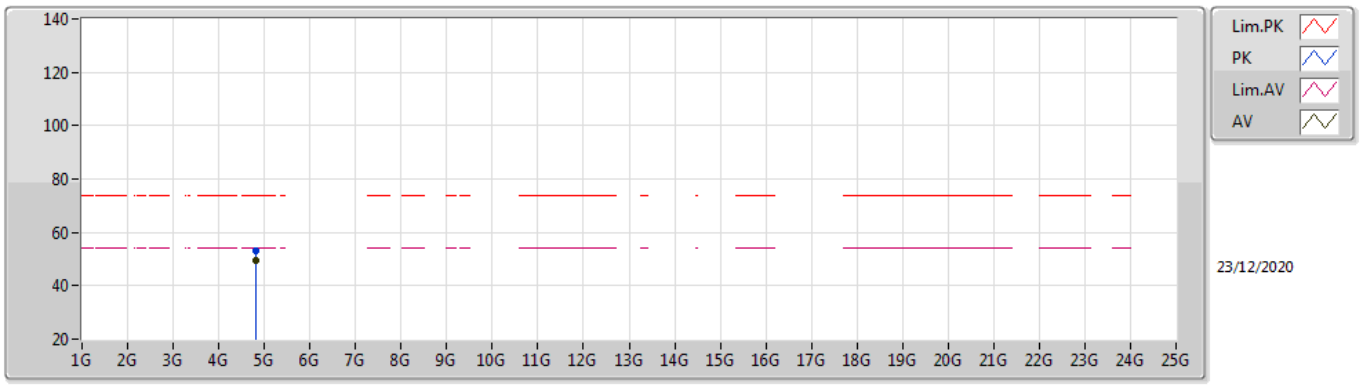
2412MHz_TX



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	4.82402G	43.23	54.00	-10.77	8.39	3	Vertical	206	1.29	-	34.84	31.10	6.52	29.23
PK	4.82398G	49.58	74.00	-24.42	8.39	3	Vertical	206	1.29	-	41.19	31.10	6.52	29.23

802.11b_Nss1,(1Mbps)_2TX

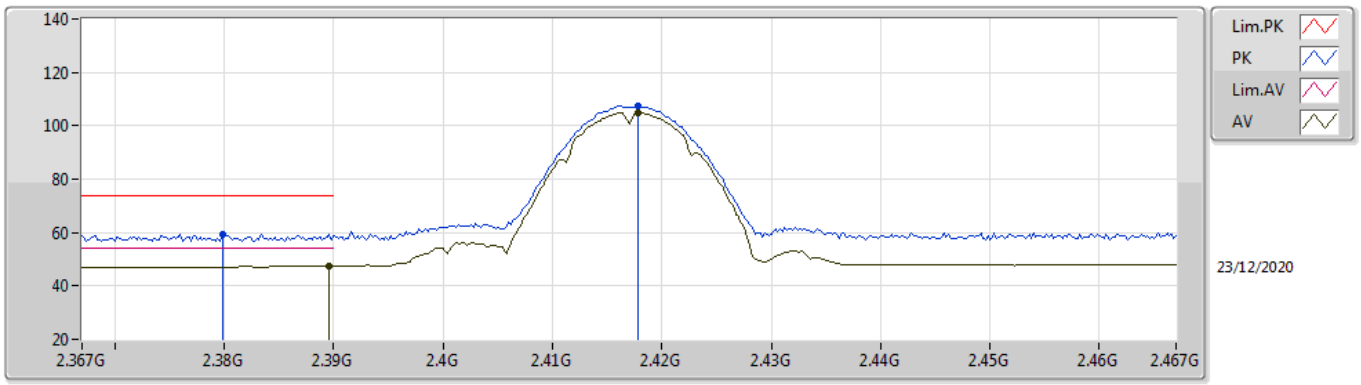
2412MHz_TX



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	4.82404G	49.52	54.00	-4.48	8.39	3	Horizontal	344	1.80	-	41.13	31.10	6.52	29.23
PK	4.82408G	53.24	74.00	-20.76	8.39	3	Horizontal	344	1.80	-	44.85	31.10	6.52	29.23

802.11b_Nss1,(1Mbps)_2TX

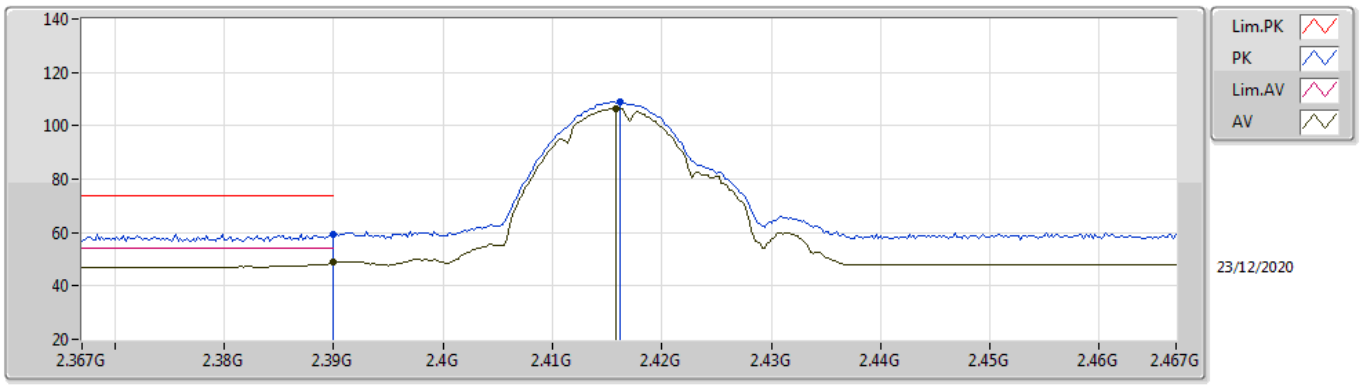
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3896G	47.22	54.00	-6.78	31.91	3	Vertical	354	1.50	-	15.31	27.62	4.29	-
AV	2.4178G	105.08	Inf	-Inf	31.88	3	Vertical	354	1.50	-	73.20	27.56	4.32	-
PK	2.3798G	59.45	74.00	-14.55	31.92	3	Vertical	354	1.50	-	27.53	27.64	4.28	-
PK	2.4178G	107.47	Inf	-Inf	31.88	3	Vertical	354	1.50	-	75.59	27.56	4.32	-

802.11b_Nss1,(1Mbps)_2TX

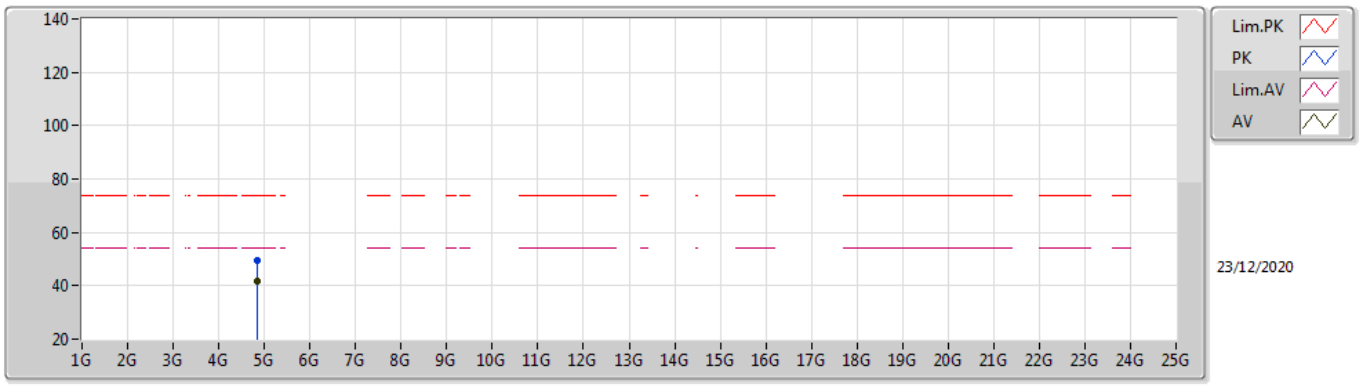
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	48.86	54.00	-5.14	31.91	3	Horizontal	360	1.01	-	16.95	27.62	4.29	-
AV	2.4158G	106.44	Inf	-Inf	31.89	3	Horizontal	360	1.01	-	74.55	27.57	4.32	-
PK	2.39G	59.45	74.00	-14.55	31.91	3	Horizontal	360	1.01	-	27.54	27.62	4.29	-
PK	2.4162G	108.98	Inf	-Inf	31.89	3	Horizontal	360	1.01	-	77.09	27.57	4.32	-

802.11b_Nss1,(1Mbps)_2TX

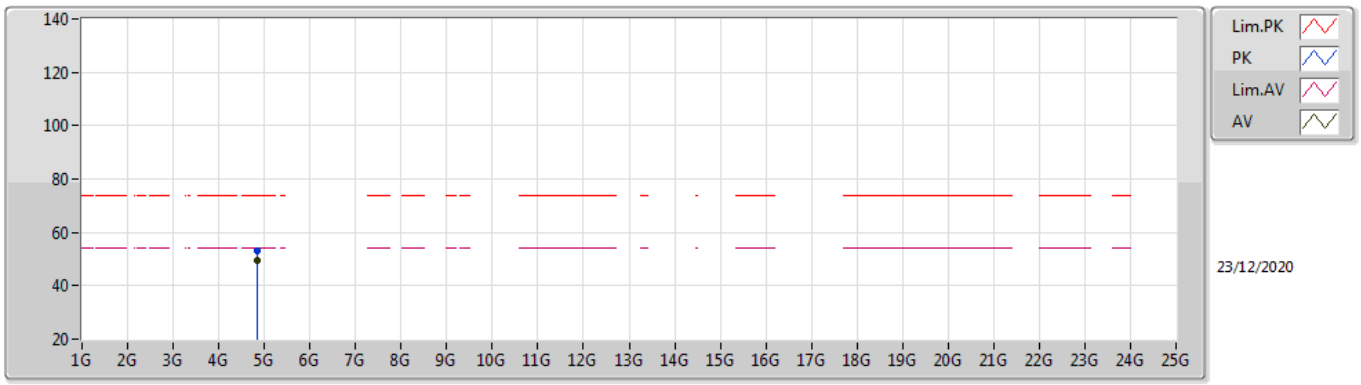
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.834G	41.75	54.00	-12.25	8.41	3	Vertical	203	1.31	-	33.34	31.10	6.53	29.22
PK	4.83404G	49.31	74.00	-24.69	8.41	3	Vertical	203	1.31	-	40.90	31.10	6.53	29.22

802.11b_Nss1,(1Mbps)_2TX

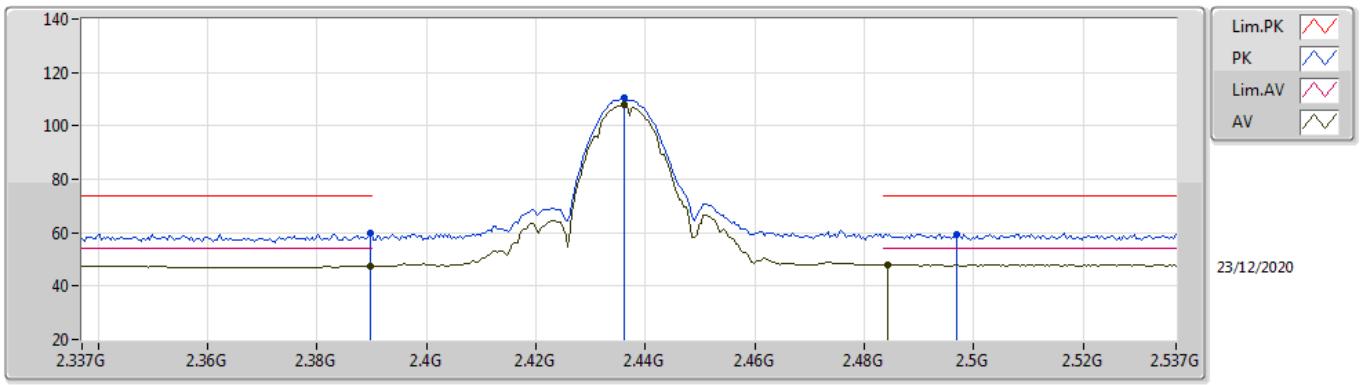
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.834G	49.60	54.00	-4.40	8.41	3	Horizontal	344	1.68	-	41.19	31.10	6.53	29.22
PK	4.83414G	53.23	74.00	-20.77	8.41	3	Horizontal	344	1.68	-	44.82	31.10	6.53	29.22

802.11b_Nss1,(1Mbps)_2TX

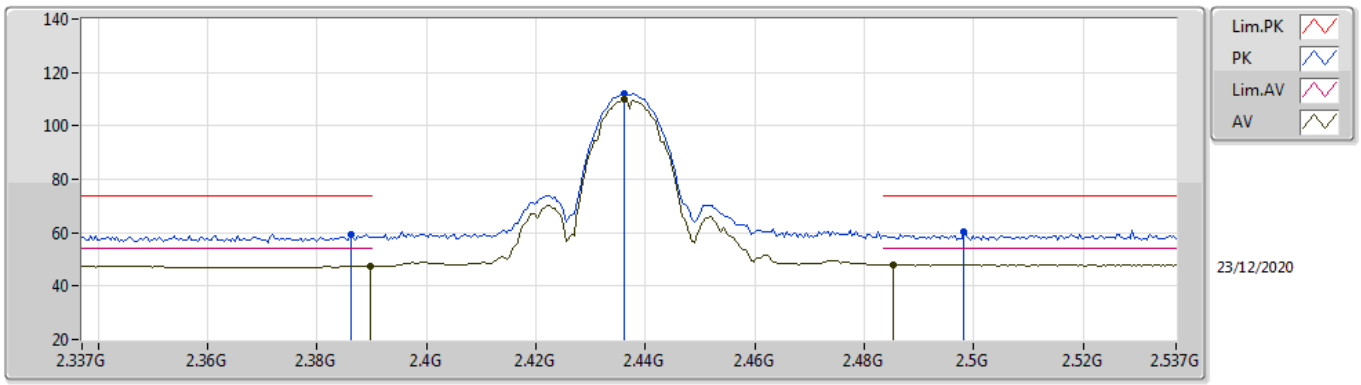
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	47.52	54.00	-6.48	31.91	3	Vertical	29	1.51	-	15.61	27.62	4.29	-
AV	2.4362G	107.72	Inf	-Inf	31.87	3	Vertical	29	1.51	-	75.85	27.53	4.34	-
AV	2.4842G	48.10	54.00	-5.90	31.81	3	Vertical	29	1.51	-	16.29	27.43	4.38	-
PK	2.3898G	59.87	74.00	-14.13	31.91	3	Vertical	29	1.51	-	27.96	27.62	4.29	-
PK	2.4362G	110.29	Inf	-Inf	31.87	3	Vertical	29	1.51	-	78.42	27.53	4.34	-
PK	2.497G	59.36	74.00	-14.64	31.81	3	Vertical	29	1.51	-	27.55	27.41	4.40	-

802.11b_Nss1,(1Mbps)_2TX

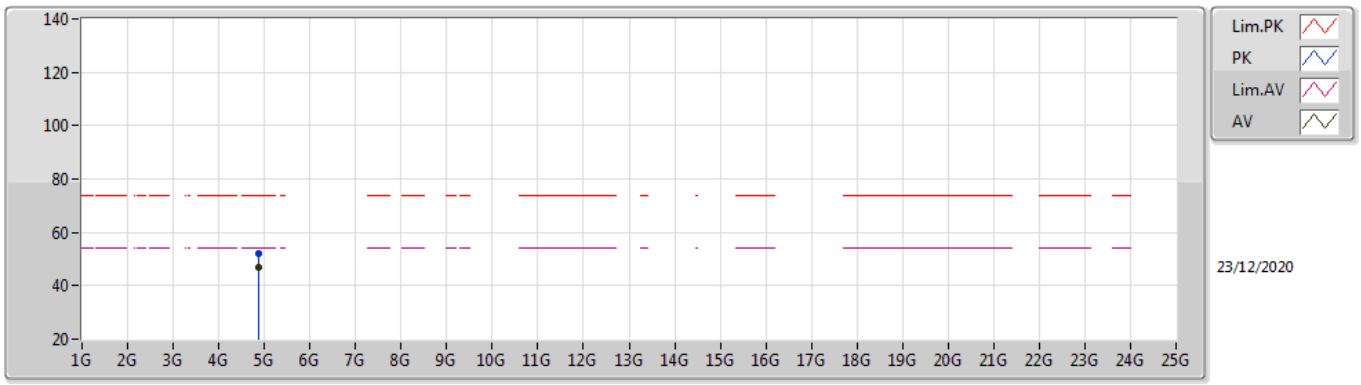
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	47.52	54.00	-6.48	31.91	3	Horizontal	298	1.07	-	15.61	27.62	4.29	-
AV	2.4362G	109.75	Inf	-Inf	31.87	3	Horizontal	298	1.07	-	77.88	27.53	4.34	-
AV	2.4854G	48.11	54.00	-5.89	31.82	3	Horizontal	298	1.07	-	16.29	27.43	4.39	-
PK	2.3862G	59.49	74.00	-14.51	31.92	3	Horizontal	298	1.07	-	27.57	27.63	4.29	-
PK	2.4362G	112.22	Inf	-Inf	31.87	3	Horizontal	298	1.07	-	80.35	27.53	4.34	-
PK	2.4982G	60.32	74.00	-13.68	31.80	3	Horizontal	298	1.07	-	28.52	27.40	4.40	-

802.11b_Nss1,(1Mbps)_2TX

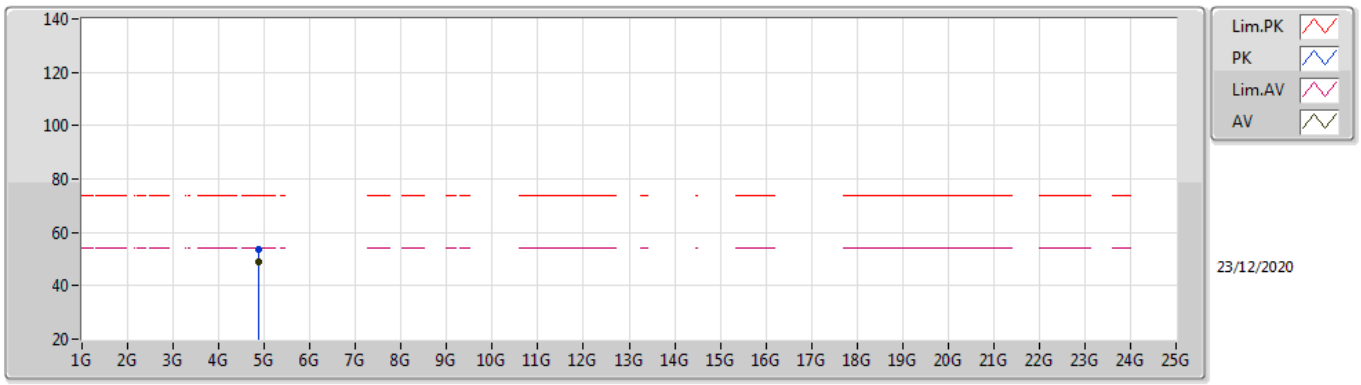
2437MHz_TX



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	4.87402G	46.97	54.00	-7.03	8.46	3	Vertical	239	1.87	-	38.51	31.10	6.57	29.21
PK	4.87406G	52.01	74.00	-21.99	8.46	3	Vertical	239	1.87	-	43.55	31.10	6.57	29.21

802.11b_Nss1,(1Mbps)_2TX

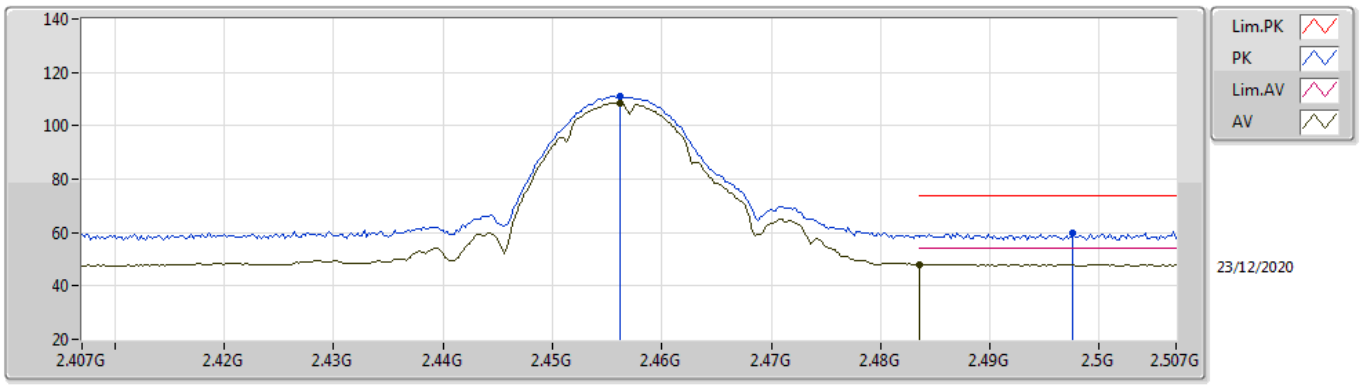
2437MHz_TX



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	4.87398G	49.18	54.00	-4.82	8.46	3	Horizontal	338	1.85	-	40.72	31.10	6.57	29.21
PK	4.874G	53.60	74.00	-20.40	8.46	3	Horizontal	338	1.85	-	45.14	31.10	6.57	29.21

802.11b_Nss1,(1Mbps)_2TX

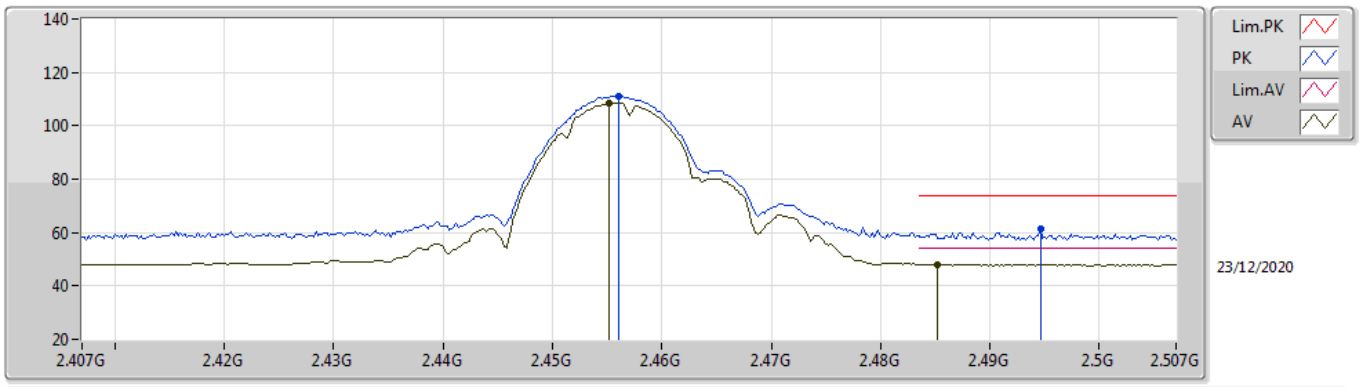
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4562G	108.68	Inf	-Inf	31.85	3	Vertical	24	1.60	-	76.83	27.49	4.36	-
AV	2.4835G	48.10	54.00	-5.90	31.81	3	Vertical	24	1.60	-	16.29	27.43	4.38	-
PK	2.4562G	111.19	Inf	-Inf	31.85	3	Vertical	24	1.60	-	79.34	27.49	4.36	-
PK	2.4976G	59.66	74.00	-14.34	31.80	3	Vertical	24	1.60	-	27.86	27.40	4.40	-

802.11b_Nss1,(1Mbps)_2TX

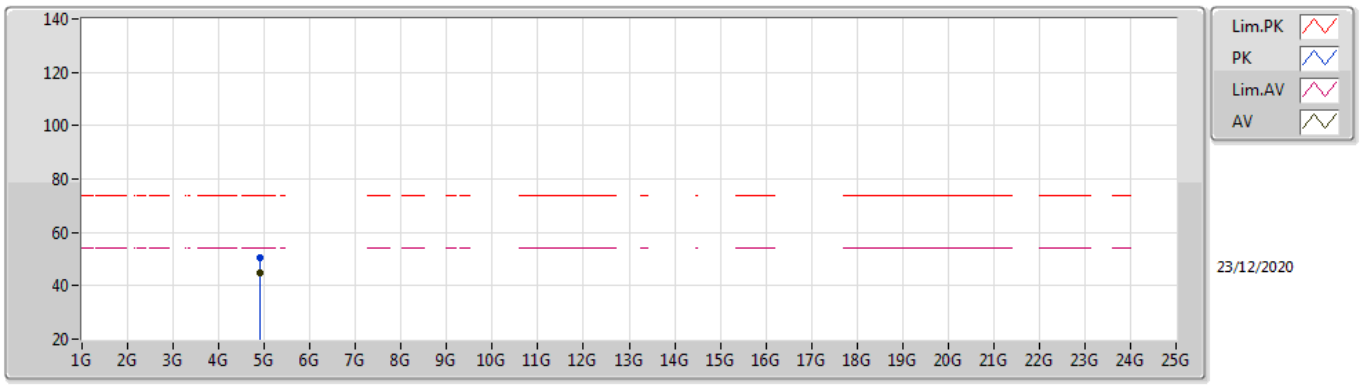
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4552G	108.68	Inf	-Inf	31.85	3	Horizontal	360	1.37	-	76.83	27.49	4.36	-
AV	2.4852G	48.11	54.00	-5.89	31.82	3	Horizontal	360	1.37	-	16.29	27.43	4.39	-
PK	2.456G	111.20	Inf	-Inf	31.85	3	Horizontal	360	1.37	-	79.35	27.49	4.36	-
PK	2.4946G	61.19	74.00	-12.81	31.80	3	Horizontal	360	1.37	-	29.39	27.41	4.39	-

802.11b_Nss1,(1Mbps)_2TX

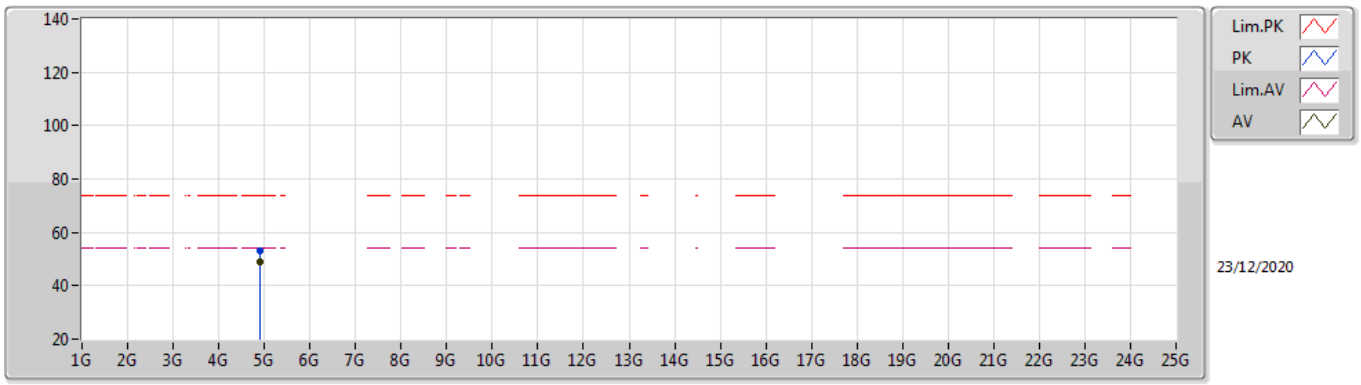
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.91398G	44.83	54.00	-9.17	8.54	3	Vertical	222	1.42	-	36.29	31.13	6.61	29.20
PK	4.91408G	50.36	74.00	-23.64	8.54	3	Vertical	222	1.42	-	41.82	31.13	6.61	29.20

802.11b_Nss1,(1Mbps)_2TX

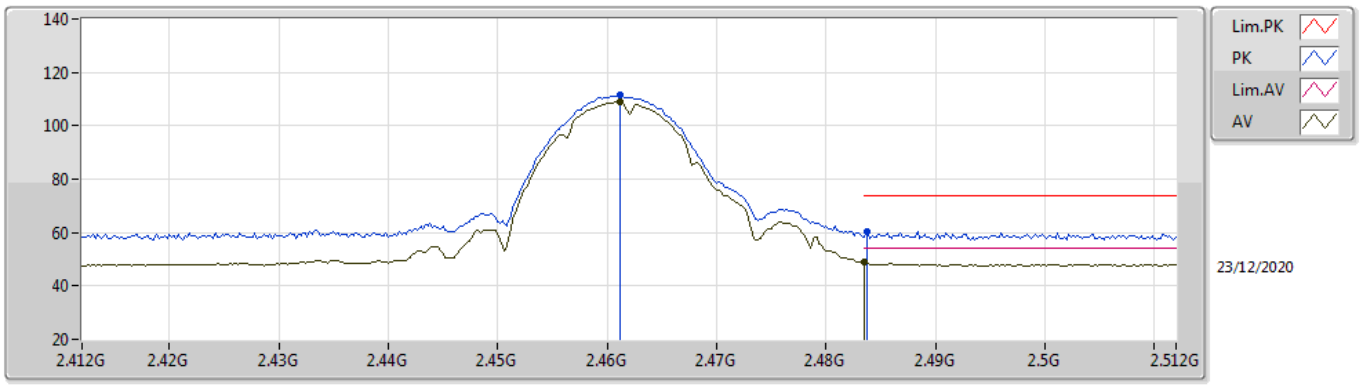
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.91404G	49.01	54.00	-4.99	8.54	3	Horizontal	11	1.82	-	40.47	31.13	6.61	29.20
PK	4.91402G	53.11	74.00	-20.89	8.54	3	Horizontal	11	1.82	-	44.57	31.13	6.61	29.20

802.11b_Nss1,(1Mbps)_2TX

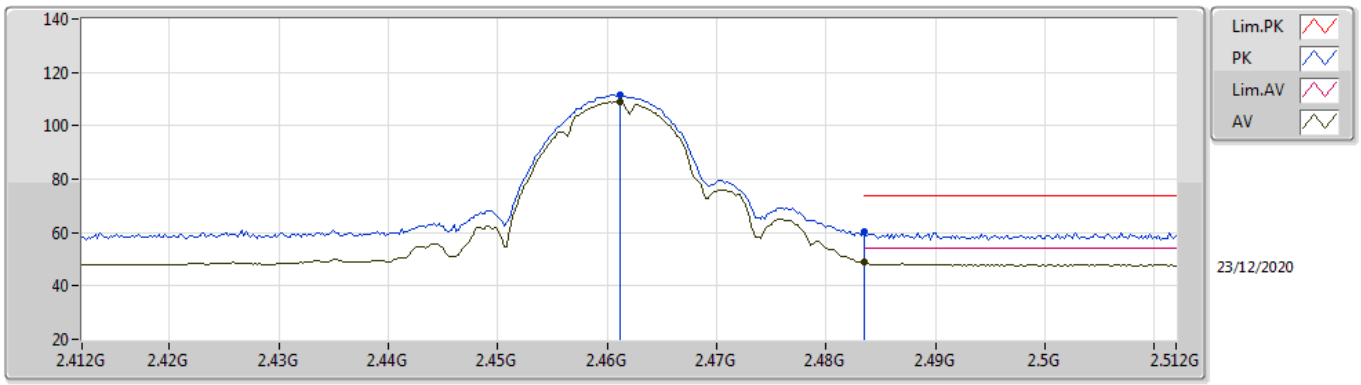
2462MHz_TX



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	108.91	Inf	-Inf	31.84	3	Vertical	24	1.60	-	77.07	27.48	4.36	-
AV	2.4835G	48.92	54.00	-5.08	31.81	3	Vertical	24	1.60	-	17.11	27.43	4.38	-
PK	2.4612G	111.41	Inf	-Inf	31.84	3	Vertical	24	1.60	-	79.57	27.48	4.36	-
PK	2.4838G	60.39	74.00	-13.61	31.81	3	Vertical	24	1.60	-	28.58	27.43	4.38	-

802.11b_Nss1,(1Mbps)_2TX

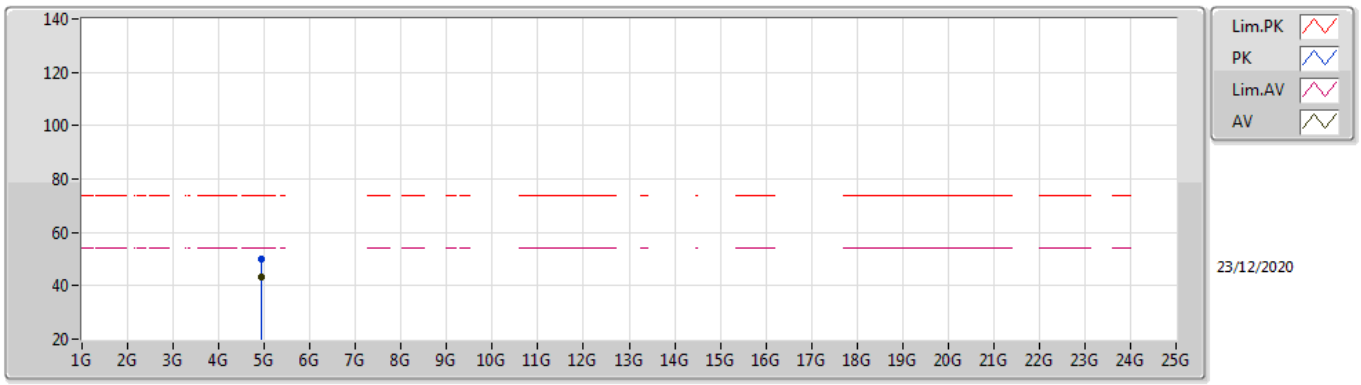
2462MHz_TX



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	108.95	Inf	-Inf	31.84	3	Horizontal	0	1.20	-	77.11	27.48	4.36	-
AV	2.4835G	48.92	54.00	-5.08	31.81	3	Horizontal	0	1.20	-	17.11	27.43	4.38	-
PK	2.4612G	111.52	Inf	-Inf	31.84	3	Horizontal	0	1.20	-	79.68	27.48	4.36	-
PK	2.4835G	60.10	74.00	-13.90	31.81	3	Horizontal	0	1.20	-	28.29	27.43	4.38	-

802.11b_Nss1,(1Mbps)_2TX

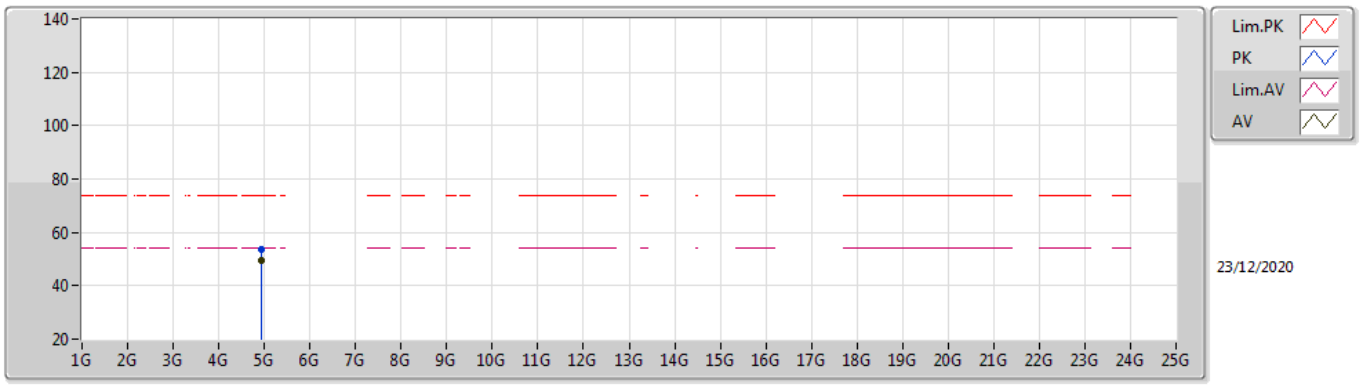
2462MHz_TX



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	4.92398G	43.02	54.00	-10.98	8.58	3	Vertical	223	1.25	-	34.44	31.15	6.62	29.19
PK	4.92414G	50.11	74.00	-23.89	8.58	3	Vertical	223	1.25	-	41.53	31.15	6.62	29.19

802.11b_Nss1,(1Mbps)_2TX

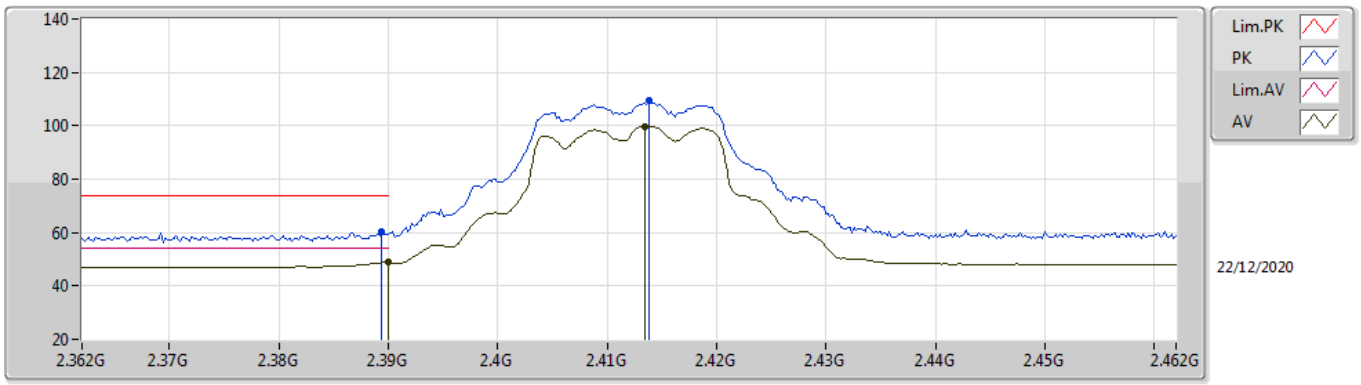
2462MHz_TX



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	4.92402G	49.38	54.00	-4.62	8.58	3	Horizontal	345	1.58	-	40.80	31.15	6.62	29.19
PK	4.924G	53.39	74.00	-20.61	8.58	3	Horizontal	345	1.58	-	44.81	31.15	6.62	29.19

802.11g_Nss1,(6Mbps)_2TX

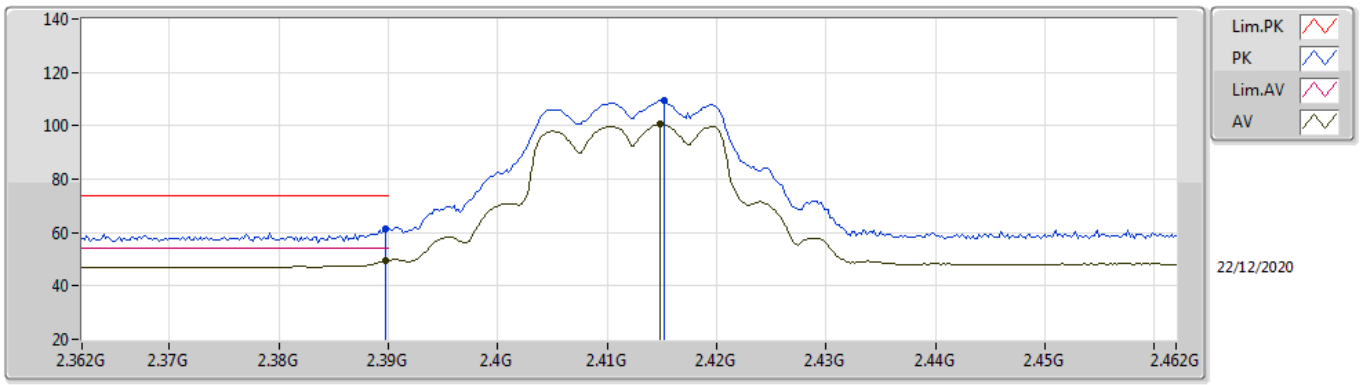
2412MHz_TX



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	2.39G	48.86	54.00	-5.14	31.91	3	Vertical	257	2.09	-	16.95	27.62	4.29	-
AV	2.4134G	99.80	Inf	-Inf	31.88	3	Vertical	257	2.09	-	67.92	27.57	4.31	-
PK	2.3894G	60.47	74.00	-13.53	31.91	3	Vertical	257	2.09	-	28.56	27.62	4.29	-
PK	2.4138G	109.28	Inf	-Inf	31.88	3	Vertical	257	2.09	-	77.40	27.57	4.31	-

802.11g_Nss1,(6Mbps)_2TX

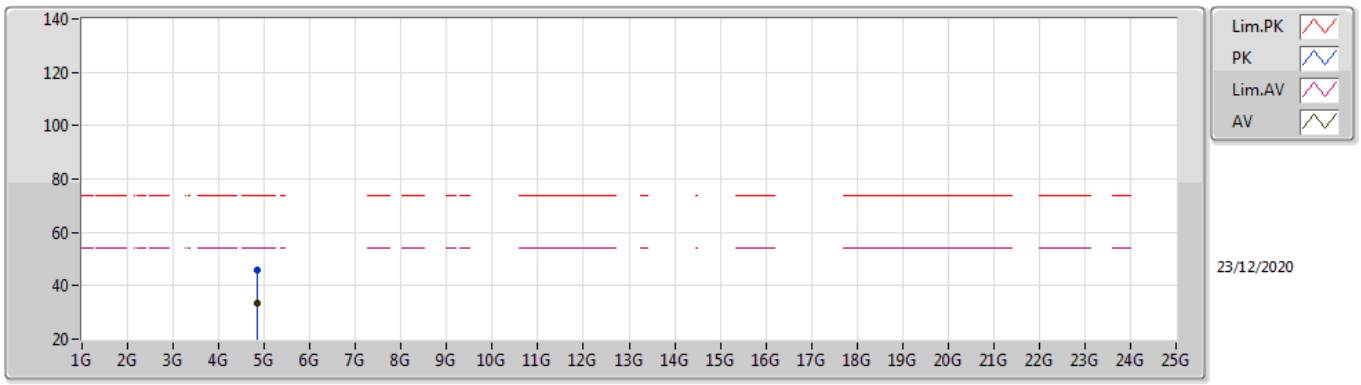
2412MHz_TX



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	2.3898G	49.34	54.00	-4.66	31.91	3	Horizontal	352	3.00	-	17.43	27.62	4.29	-
AV	2.4148G	100.61	Inf	-Inf	31.88	3	Horizontal	352	3.00	-	68.73	27.57	4.31	-
PK	2.3898G	61.16	74.00	-12.84	31.91	3	Horizontal	352	3.00	-	29.25	27.62	4.29	-
PK	2.4152G	109.50	Inf	-Inf	31.89	3	Horizontal	352	3.00	-	77.61	27.57	4.32	-

802.11g_Nss1,(6Mbps)_2TX

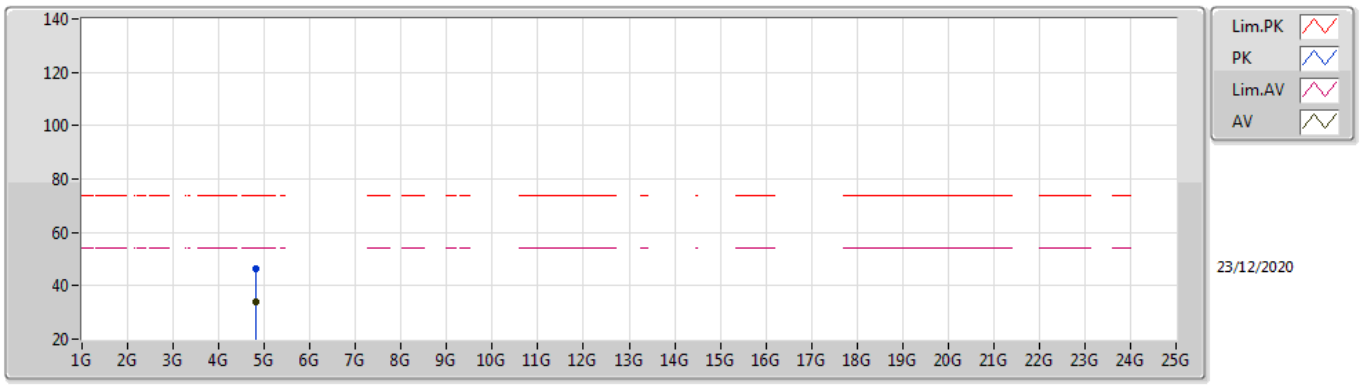
2412MHz_TX



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	4.83284G	33.59	54.00	-20.41	8.41	3	Vertical	71	1.71	-	25.18	31.10	6.53	29.22
PK	4.83G	45.98	74.00	-28.02	8.41	3	Vertical	71	1.71	-	37.57	31.10	6.53	29.22

802.11g_Nss1,(6Mbps)_2TX

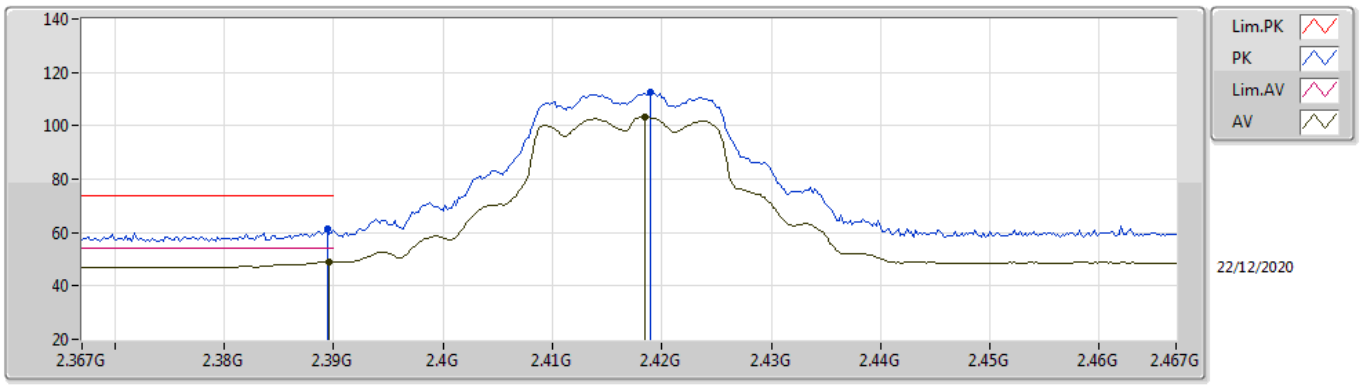
2412MHz_TX



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	4.82632G	34.20	54.00	-19.80	8.40	3	Horizontal	357	2.41	-	25.80	31.10	6.53	29.23
PK	4.82024G	46.38	74.00	-27.62	8.39	3	Horizontal	357	2.41	-	37.99	31.10	6.52	29.23

802.11g_Nss1,(6Mbps)_2TX

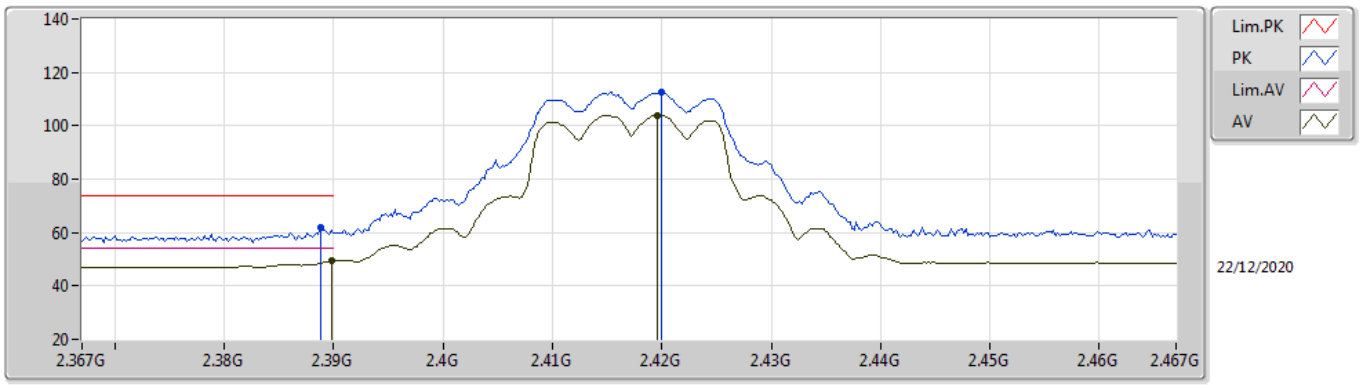
2417MHz_TX



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	2.3896G	49.10	54.00	-4.90	31.91	3	Vertical	258	2.10	-	17.19	27.62	4.29	-
AV	2.4184G	103.36	Inf	-Inf	31.88	3	Vertical	258	2.10	-	71.48	27.56	4.32	-
PK	2.3894G	61.16	74.00	-12.84	31.91	3	Vertical	258	2.10	-	29.25	27.62	4.29	-
PK	2.419G	112.60	Inf	-Inf	31.88	3	Vertical	258	2.10	-	80.72	27.56	4.32	-

802.11g_Nss1,(6Mbps)_2TX

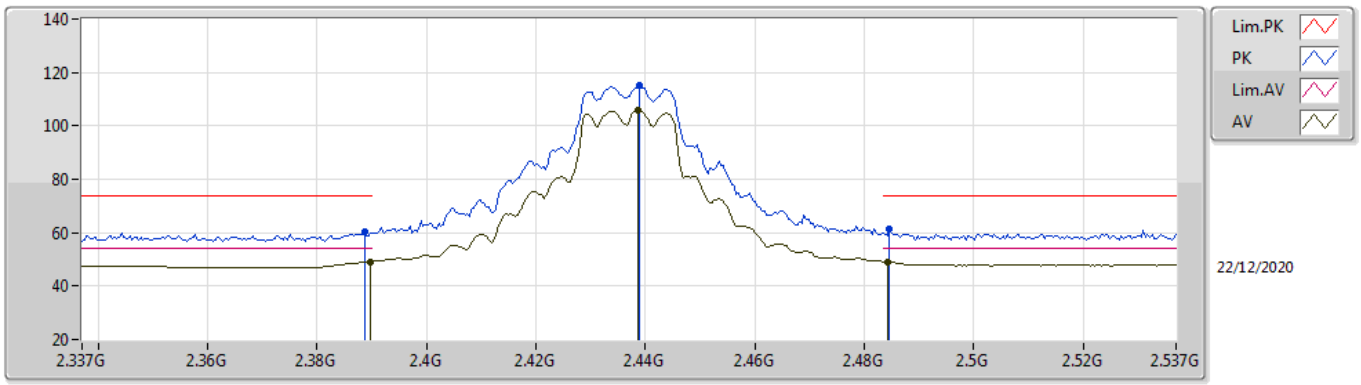
2417MHz_TX



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)
PK	2.3888G	61.73	74.00	-12.27	31.91	3	Horizontal	351	3.00	-	29.82	27.62	4.29	-
AV	2.3898G	49.34	54.00	-4.66	31.91	3	Horizontal	351	3.00	-	17.43	27.62	4.29	-
PK	2.42G	112.79	Inf	-Inf	31.88	3	Horizontal	351	3.00	-	80.91	27.56	4.32	-
AV	2.4196G	103.98	Inf	-Inf	31.88	3	Horizontal	351	3.00	-	72.10	27.56	4.32	-

802.11g_Nss1,(6Mbps)_2TX

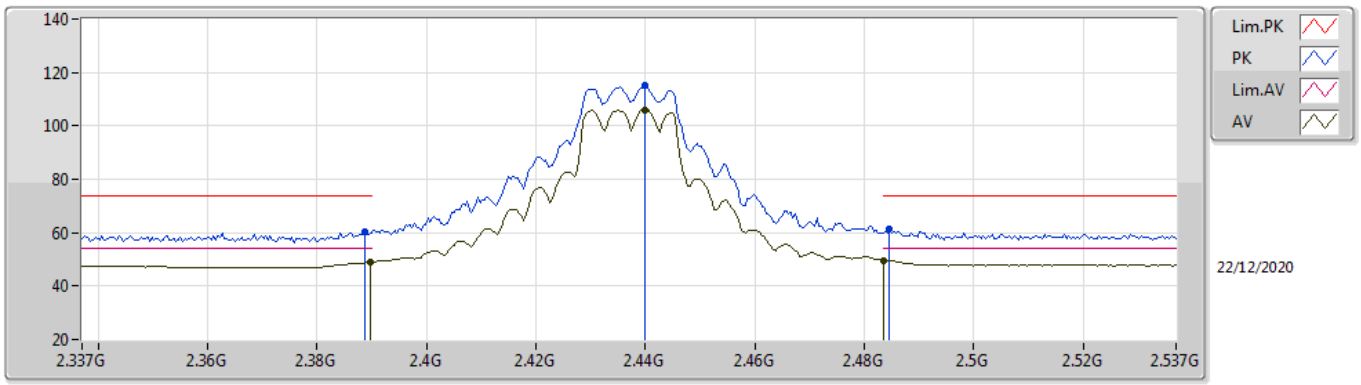
2437MHz_TX



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	49.10	54.00	-4.90	31.91	3	Vertical	258	2.04	-	17.19	27.62	4.29	-
AV	2.4386G	105.62	Inf	-Inf	31.86	3	Vertical	258	2.04	-	73.76	27.52	4.34	-
AV	2.4842G	49.19	54.00	-4.81	31.81	3	Vertical	258	2.04	-	17.38	27.43	4.38	-
PK	2.3886G	60.53	74.00	-13.47	31.91	3	Vertical	258	2.04	-	28.62	27.62	4.29	-
PK	2.439G	115.21	Inf	-Inf	31.86	3	Vertical	258	2.04	-	83.35	27.52	4.34	-
PK	2.4846G	61.50	74.00	-12.50	31.81	3	Vertical	258	2.04	-	29.69	27.43	4.38	-

802.11g_Nss1,(6Mbps)_2TX

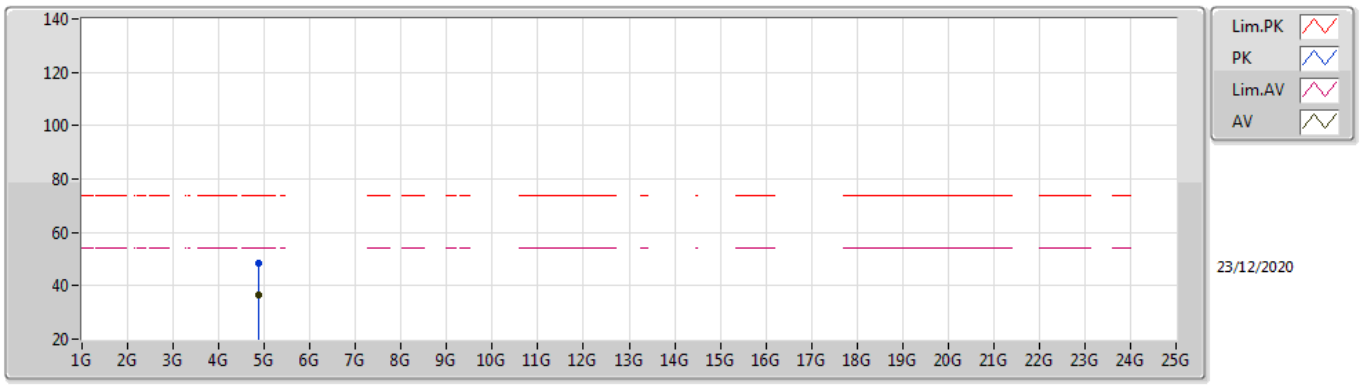
2437MHz_TX



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	2.3898G	49.10	54.00	-4.90	31.91	3	Horizontal	354	2.95	-	17.19	27.62	4.29	-
AV	2.4398G	106.12	Inf	-Inf	31.86	3	Horizontal	354	2.95	-	74.26	27.52	4.34	-
AV	2.4835G	49.68	54.00	-4.32	31.81	3	Horizontal	354	2.95	-	17.87	27.43	4.38	-
PK	2.3886G	60.13	74.00	-13.87	31.91	3	Horizontal	354	2.95	-	28.22	27.62	4.29	-
PK	2.4398G	115.16	Inf	-Inf	31.86	3	Horizontal	354	2.95	-	83.30	27.52	4.34	-
PK	2.4846G	61.25	74.00	-12.75	31.81	3	Horizontal	354	2.95	-	29.44	27.43	4.38	-

802.11g_Nss1,(6Mbps)_2TX

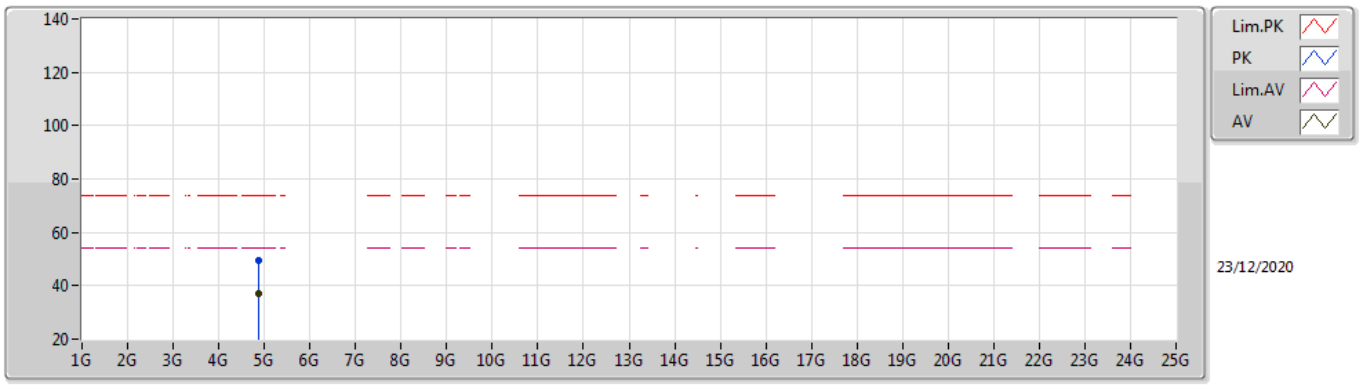
2437MHz_TX



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	4.87168G	36.33	54.00	-17.67	8.46	3	Vertical	202	1.98	-	27.87	31.10	6.57	29.21
PK	4.87192G	48.60	74.00	-25.40	8.46	3	Vertical	202	1.98	-	40.14	31.10	6.57	29.21

802.11g_Nss1,(6Mbps)_2TX

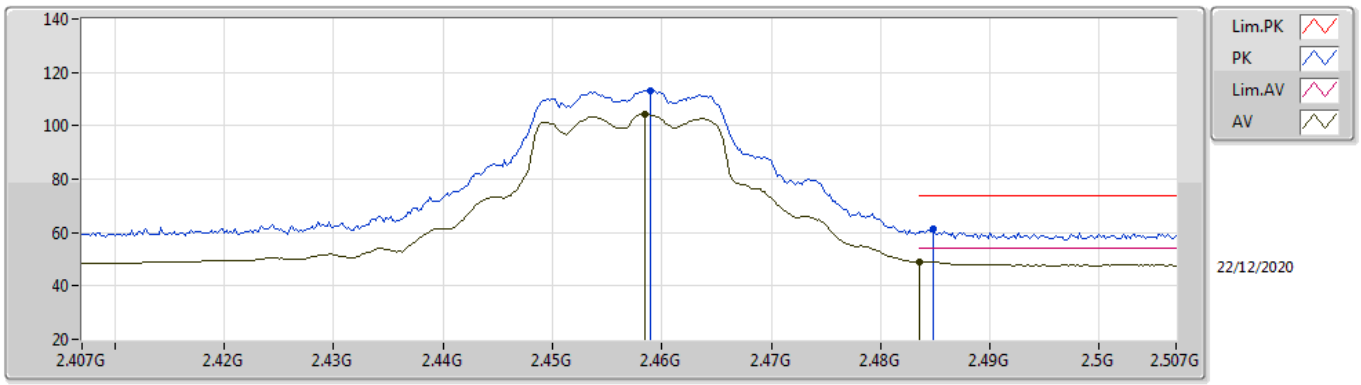
2437MHz_TX



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	4.87188G	37.16	54.00	-16.84	8.46	3	Horizontal	334	1.70	-	28.70	31.10	6.57	29.21
PK	4.87128G	49.53	74.00	-24.47	8.46	3	Horizontal	334	1.70	-	41.07	31.10	6.57	29.21

802.11g_Nss1,(6Mbps)_2TX

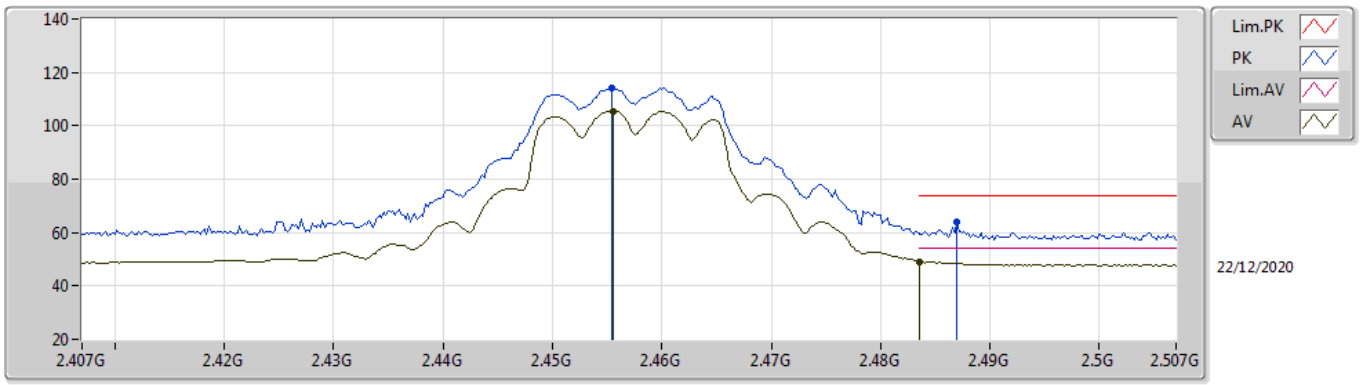
2457MHz_TX



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	2.4584G	104.43	Inf	-Inf	31.84	3	Vertical	254	2.08	-	72.59	27.48	4.36	-
AV	2.4835G	49.18	54.00	-4.82	31.81	3	Vertical	254	2.08	-	17.37	27.43	4.38	-
PK	2.459G	113.36	Inf	-Inf	31.84	3	Vertical	254	2.08	-	81.52	27.48	4.36	-
PK	2.4848G	61.19	74.00	-12.81	31.81	3	Vertical	254	2.08	-	29.38	27.43	4.38	-

802.11g_Nss1,(6Mbps)_2TX

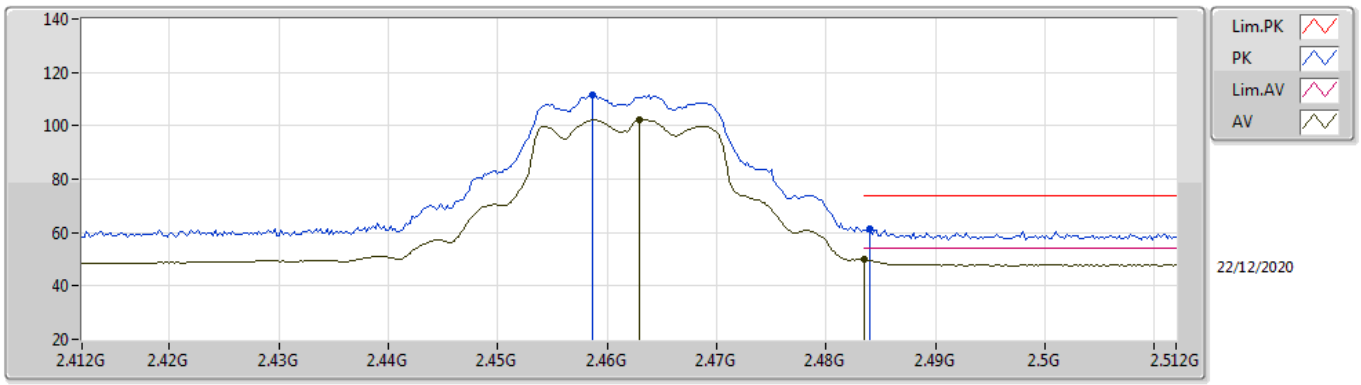
2457MHz_TX



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	2.4556G	105.25	Inf	-Inf	31.85	3	Horizontal	356	2.69	-	73.40	27.49	4.36	-
AV	2.4835G	49.18	54.00	-4.82	31.81	3	Horizontal	356	2.69	-	17.37	27.43	4.38	-
PK	2.4554G	114.32	Inf	-Inf	31.85	3	Horizontal	356	2.69	-	82.47	27.49	4.36	-
PK	2.487G	64.15	74.00	-9.85	31.82	3	Horizontal	356	2.69	-	32.33	27.43	4.39	-

802.11g_Nss1,(6Mbps)_2TX

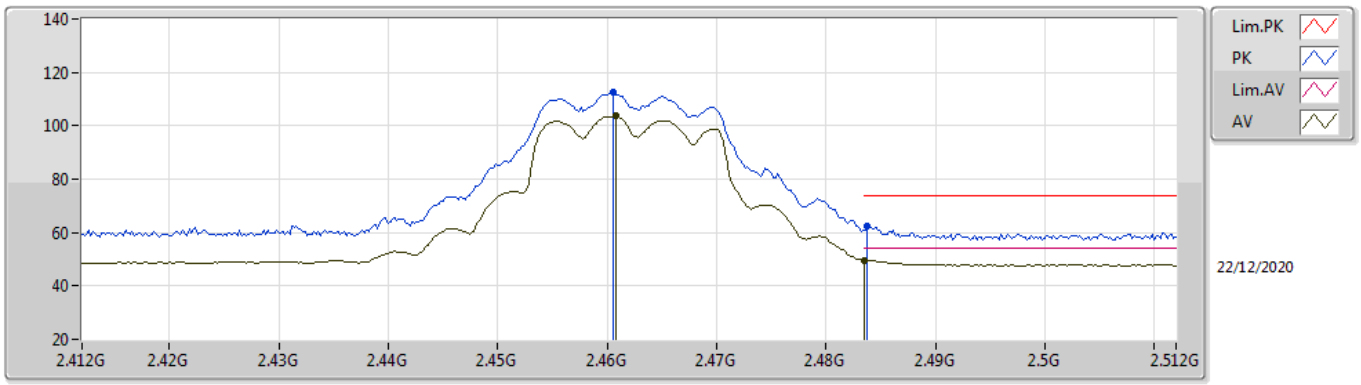
2462MHz_TX



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	102.40	Inf	-Inf	31.83	3	Vertical	253	2.08	-	70.57	27.47	4.36	-
AV	2.4835G	49.92	54.00	-4.08	31.81	3	Vertical	253	2.08	-	18.11	27.43	4.38	-
PK	2.4586G	111.58	Inf	-Inf	31.84	3	Vertical	253	2.08	-	79.74	27.48	4.36	-
PK	2.484G	61.25	74.00	-12.75	31.81	3	Vertical	253	2.08	-	29.44	27.43	4.38	-

802.11g_Nss1,(6Mbps)_2TX

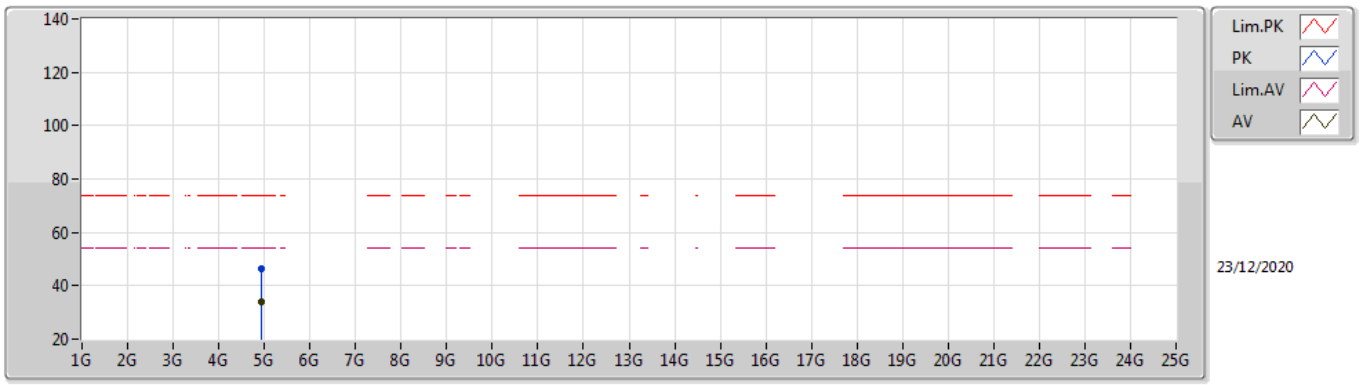
2462MHz_TX



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	2.4608G	103.57	Inf	-Inf	31.84	3	Horizontal	357	2.76	-	71.73	27.48	4.36	-
AV	2.4835G	49.68	54.00	-4.32	31.81	3	Horizontal	357	2.76	-	17.87	27.43	4.38	-
PK	2.4606G	112.40	Inf	-Inf	31.84	3	Horizontal	357	2.76	-	80.56	27.48	4.36	-
PK	2.4838G	62.66	74.00	-11.34	31.81	3	Horizontal	357	2.76	-	30.85	27.43	4.38	-

802.11g_Nss1,(6Mbps)_2TX

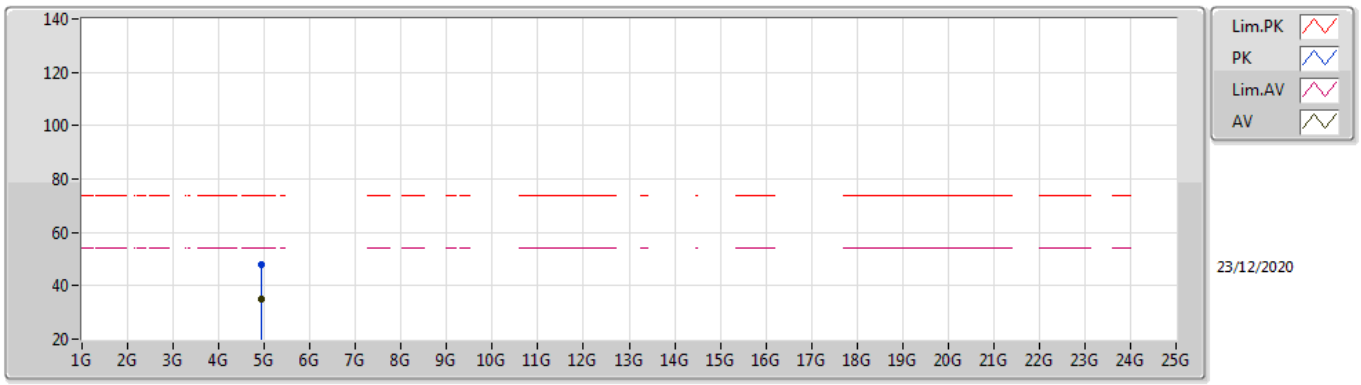
2462MHz_TX



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	4.93396G	33.97	54.00	-20.03	8.61	3	Vertical	269	2.02	-	25.36	31.17	6.63	29.19
PK	4.92204G	46.32	74.00	-27.68	8.57	3	Vertical	269	2.02	-	37.75	31.14	6.62	29.19

802.11g_Nss1,(6Mbps)_2TX

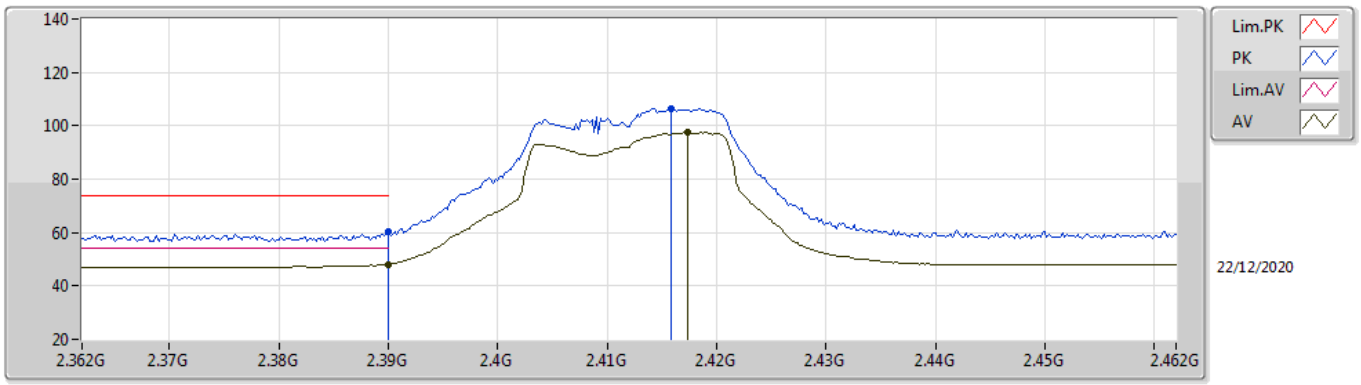
2462MHz_TX



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	4.92196G	35.05	54.00	-18.95	8.57	3	Horizontal	357	2.07	-	26.48	31.14	6.62	29.19
PK	4.92216G	47.88	74.00	-26.12	8.57	3	Horizontal	357	2.07	-	39.31	31.14	6.62	29.19

802.11n HT20_Nss1,(MCS0)_2TX

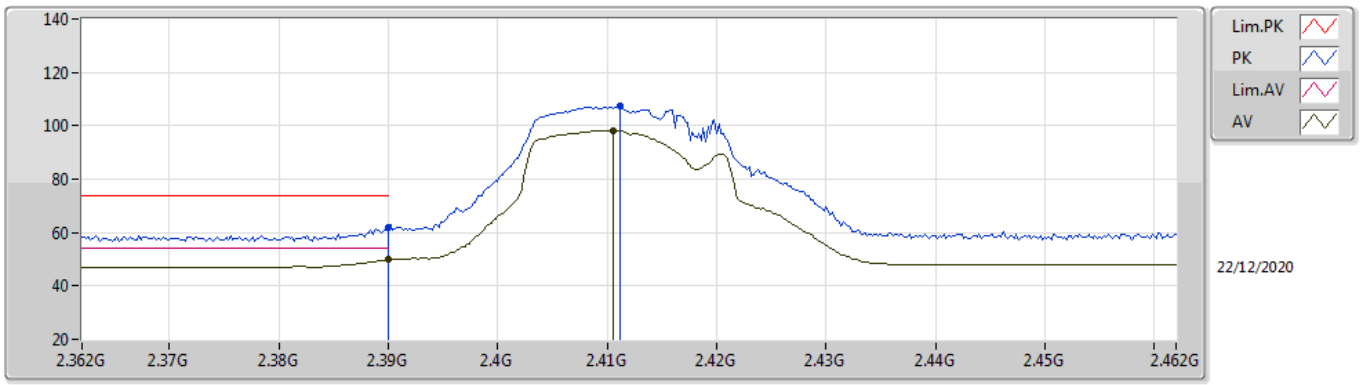
2412MHz_TX



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	2.39G	48.08	54.00	-5.92	31.91	3	Vertical	263	1.75	-	16.17	27.62	4.29	-
AV	2.4174G	97.45	Inf	-Inf	31.89	3	Vertical	263	1.75	-	65.56	27.57	4.32	-
PK	2.39G	60.15	74.00	-13.85	31.91	3	Vertical	263	1.75	-	28.24	27.62	4.29	-
PK	2.4158G	106.62	Inf	-Inf	31.89	3	Vertical	263	1.75	-	74.73	27.57	4.32	-

802.11n HT20_Nss1,(MCS0)_2TX

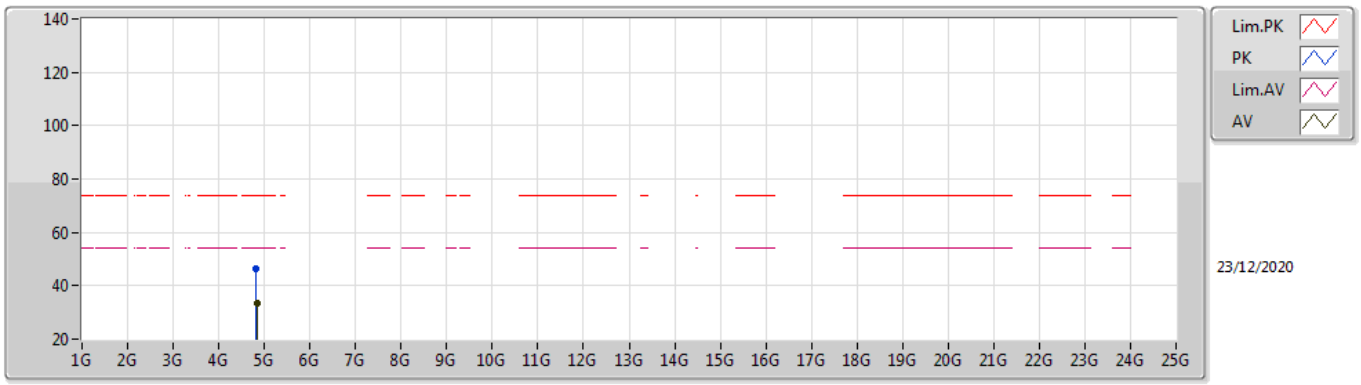
2412MHz_TX



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	49.80	54.00	-4.20	31.91	3	Horizontal	0	1.00	-	17.89	27.62	4.29	-
AV	2.4106G	98.30	Inf	-Inf	31.89	3	Horizontal	0	1.00	-	66.41	27.58	4.31	-
PK	2.39G	61.80	74.00	-12.20	31.91	3	Horizontal	0	1.00	-	29.89	27.62	4.29	-
PK	2.4112G	107.31	Inf	-Inf	31.89	3	Horizontal	0	1.00	-	75.42	27.58	4.31	-

802.11n HT20_Nss1,(MCS0)_2TX

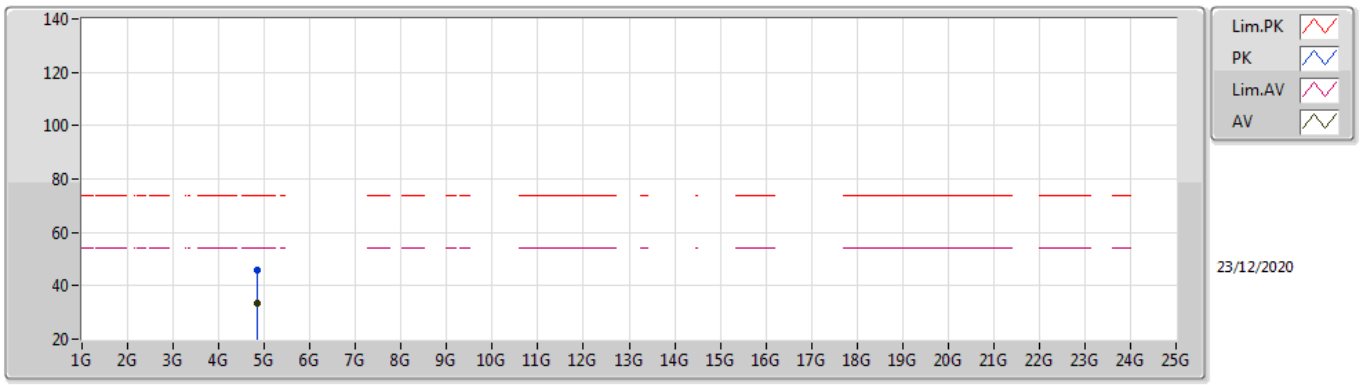
2412MHz_TX



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	4.833G	33.59	54.00	-20.41	8.41	3	Vertical	16	2.49	-	25.18	31.10	6.53	29.22
PK	4.818G	46.26	74.00	-27.74	8.39	3	Vertical	16	2.49	-	37.87	31.10	6.52	29.23

802.11n HT20_Nss1,(MCS0)_2TX

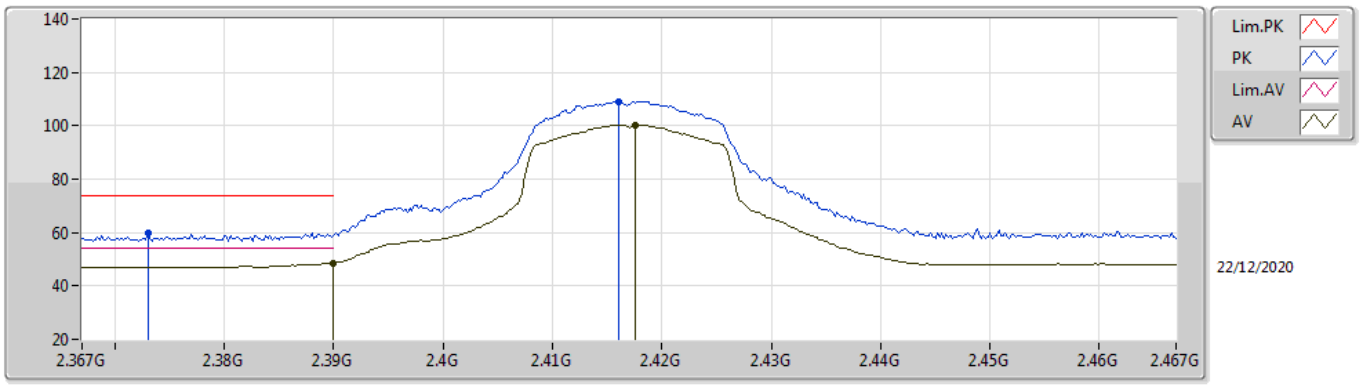
2412MHz_TX



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	4.83216G	33.60	54.00	-20.40	8.41	3	Horizontal	209	2.05	-	25.19	31.10	6.53	29.22
PK	4.83224G	46.03	74.00	-27.97	8.41	3	Horizontal	209	2.05	-	37.62	31.10	6.53	29.22

802.11n HT20_Nss1,(MCS0)_2TX

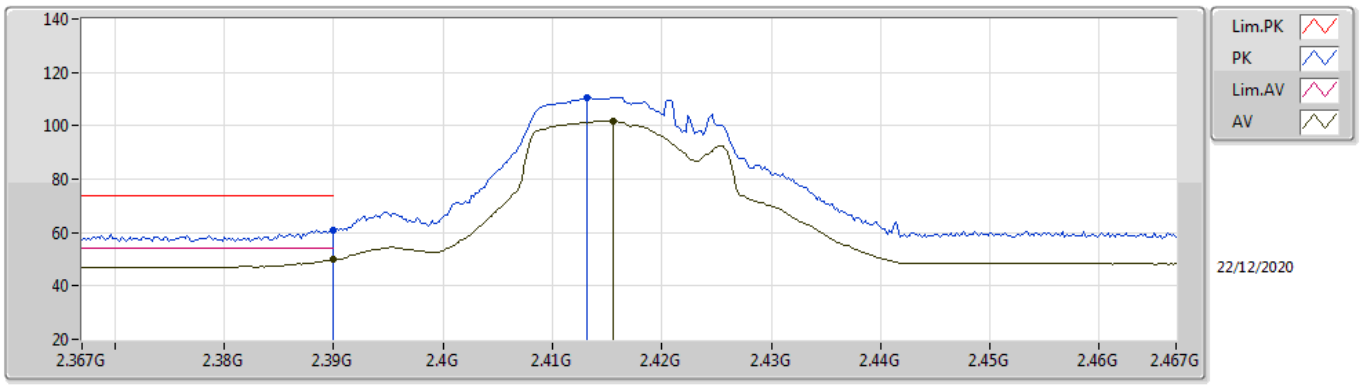
2417MHz_TX



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	48.60	54.00	-5.40	31.91	3	Vertical	350	1.48	-	16.69	27.62	4.29	-
AV	2.4176G	100.28	Inf	-Inf	31.88	3	Vertical	350	1.48	-	68.40	27.56	4.32	-
PK	2.373G	59.78	74.00	-14.22	31.92	3	Vertical	350	1.48	-	27.86	27.65	4.27	-
PK	2.416G	109.14	Inf	-Inf	31.89	3	Vertical	350	1.48	-	77.25	27.57	4.32	-

802.11n HT20_Nss1,(MCS0)_2TX

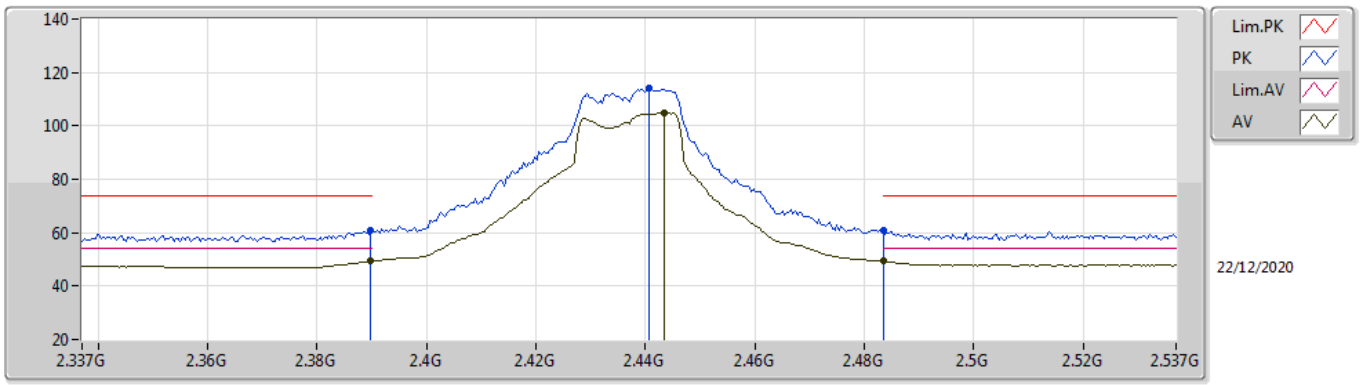
2417MHz_TX



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	49.80	54.00	-4.20	31.91	3	Horizontal	0	1.00	-	17.89	27.62	4.29	-
AV	2.4156G	101.66	Inf	-Inf	31.89	3	Horizontal	0	1.00	-	69.77	27.57	4.32	-
PK	2.39G	60.92	74.00	-13.08	31.91	3	Horizontal	0	1.00	-	29.01	27.62	4.29	-
PK	2.4132G	110.77	Inf	-Inf	31.88	3	Horizontal	0	1.00	-	78.89	27.57	4.31	-

802.11n HT20_Nss1,(MCS0)_2TX

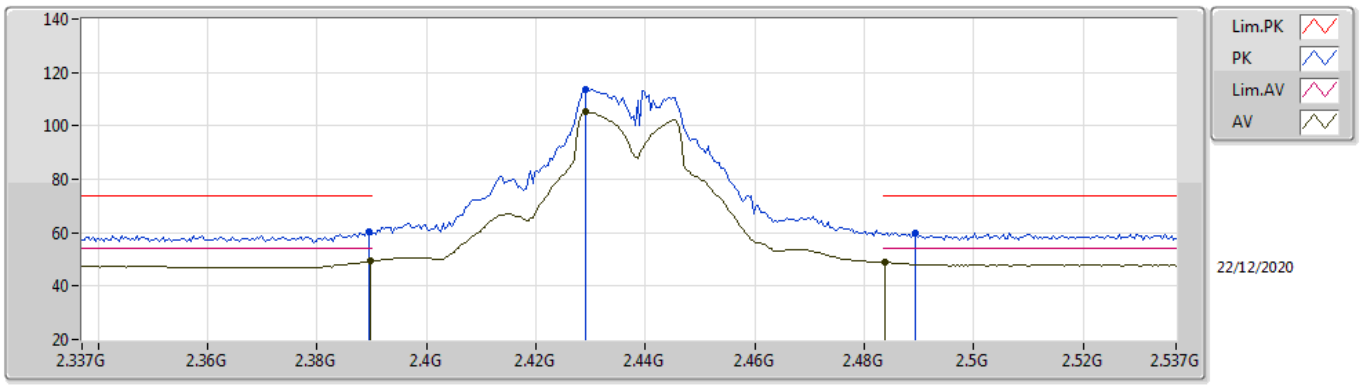
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	49.34	54.00	-4.66	31.91	3	Vertical	256	2.05	-	17.43	27.62	4.29	-
AV	2.4434G	104.90	Inf	-Inf	31.85	3	Vertical	256	2.05	-	73.05	27.51	4.34	-
AV	2.4835G	49.44	54.00	-4.56	31.81	3	Vertical	256	2.05	-	17.63	27.43	4.38	-
PK	2.3898G	60.61	74.00	-13.39	31.91	3	Vertical	256	2.05	-	28.70	27.62	4.29	-
PK	2.4406G	113.88	Inf	-Inf	31.86	3	Vertical	256	2.05	-	82.02	27.52	4.34	-
PK	2.4835G	60.80	74.00	-13.20	31.81	3	Vertical	256	2.05	-	28.99	27.43	4.38	-

802.11n HT20_Nss1,(MCS0)_2TX

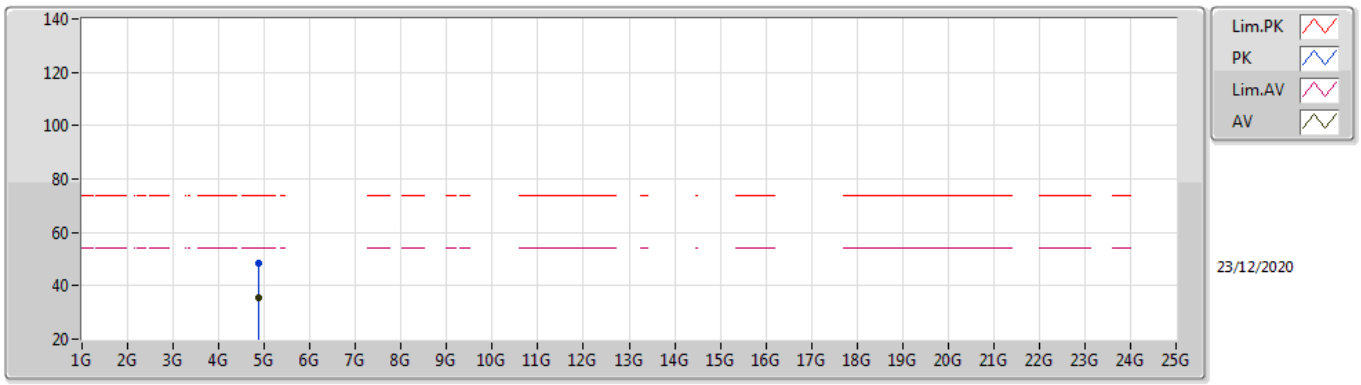
2437MHz_TX



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	2.3898G	49.34	54.00	-4.66	31.91	3	Horizontal	349	1.14	-	17.43	27.62	4.29	-
AV	2.429G	105.10	Inf	-Inf	31.87	3	Horizontal	349	1.14	-	73.23	27.54	4.33	-
AV	2.4838G	48.93	54.00	-5.07	31.81	3	Horizontal	349	1.14	-	17.12	27.43	4.38	-
PK	2.3894G	60.47	74.00	-13.53	31.91	3	Horizontal	349	1.14	-	28.56	27.62	4.29	-
PK	2.429G	113.59	Inf	-Inf	31.87	3	Horizontal	349	1.14	-	81.72	27.54	4.33	-
PK	2.4894G	60.03	74.00	-13.97	31.81	3	Horizontal	349	1.14	-	28.22	27.42	4.39	-

802.11n HT20_Nss1,(MCS0)_2TX

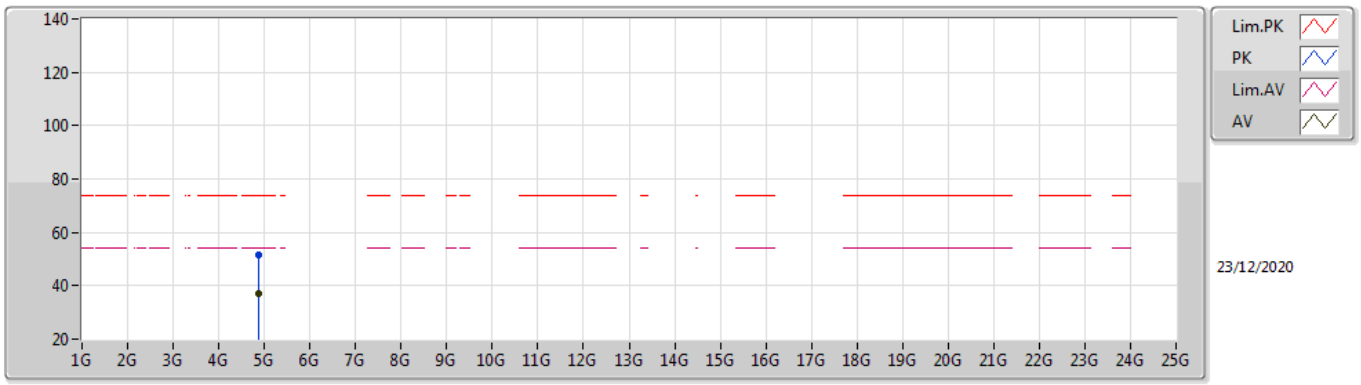
2437MHz_TX



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	4.86652G	35.76	54.00	-18.24	8.46	3	Vertical	202	1.98	-	27.30	31.10	6.57	29.21
PK	4.86892G	48.49	74.00	-25.51	8.46	3	Vertical	202	1.98	-	40.03	31.10	6.57	29.21

802.11n HT20_Nss1,(MCS0)_2TX

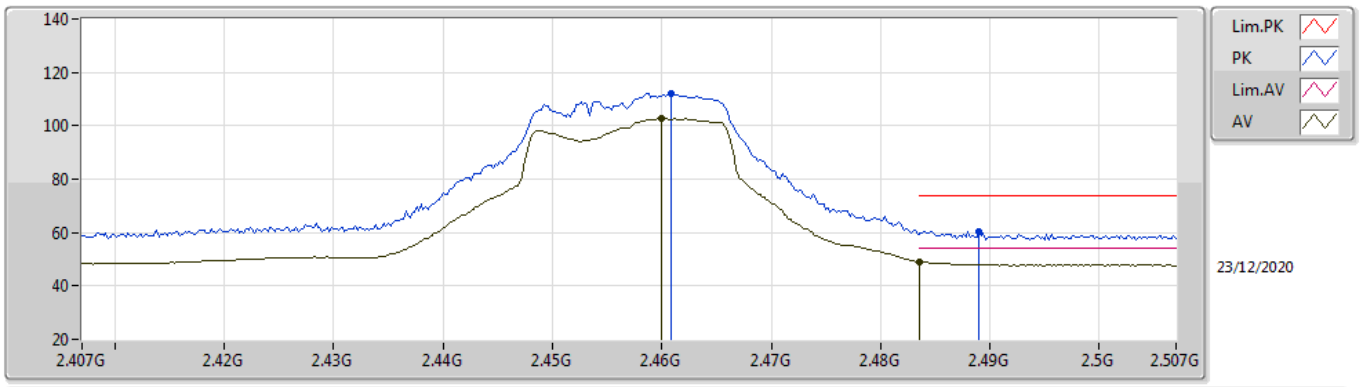
2437MHz_TX



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	4.87408G	37.07	54.00	-16.93	8.46	3	Horizontal	346	1.87	-	28.61	31.10	6.57	29.21
PK	4.87328G	51.38	74.00	-22.62	8.46	3	Horizontal	346	1.87	-	42.92	31.10	6.57	29.21

802.11n HT20_Nss1,(MCS0)_2TX

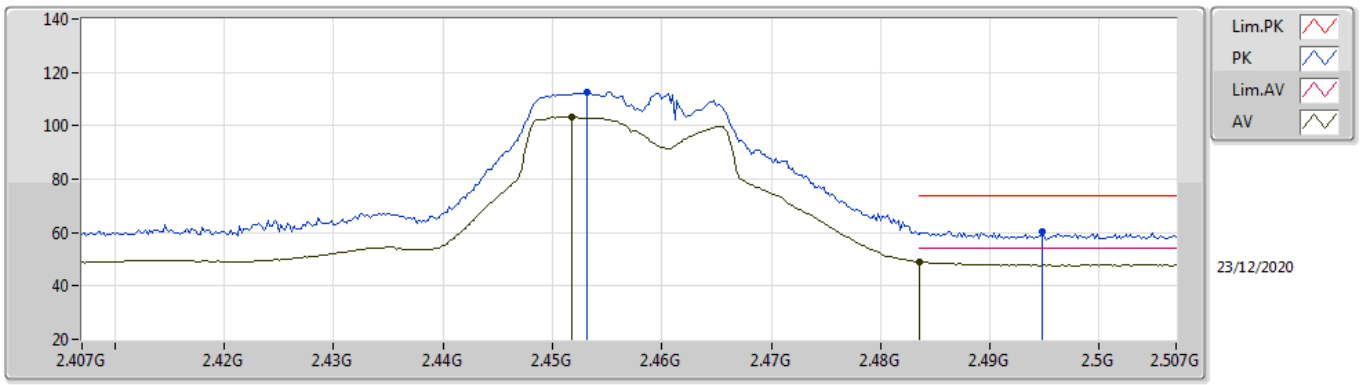
2457MHz_TX



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	2.46G	102.80	Inf	-Inf	31.84	3	Vertical	253	1.68	-	70.96	27.48	4.36	-
AV	2.4835G	49.18	54.00	-4.82	31.81	3	Vertical	253	1.68	-	17.37	27.43	4.38	-
PK	2.4608G	112.16	Inf	-Inf	31.84	3	Vertical	253	1.68	-	80.32	27.48	4.36	-
PK	2.489G	60.32	74.00	-13.68	31.81	3	Vertical	253	1.68	-	28.51	27.42	4.39	-

802.11n HT20_Nss1,(MCS0)_2TX

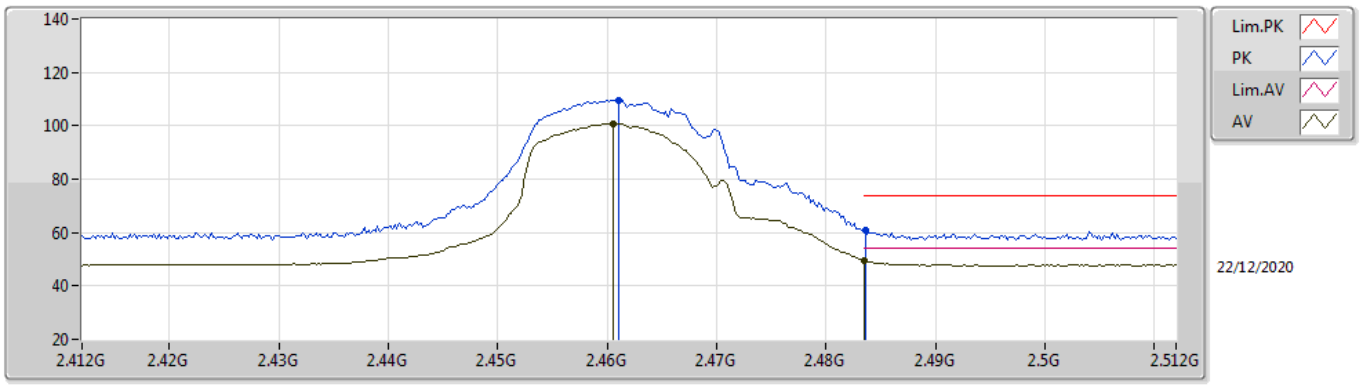
2457MHz_TX



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	2.4518G	103.26	Inf	-Inf	31.85	3	Horizontal	0	2.98	-	71.41	27.50	4.35	-
AV	2.4836G	48.93	54.00	-5.07	31.81	3	Horizontal	0	2.98	-	17.12	27.43	4.38	-
PK	2.4532G	112.72	Inf	-Inf	31.84	3	Horizontal	0	2.98	-	80.88	27.49	4.35	-
PK	2.4948G	60.39	74.00	-13.61	31.80	3	Horizontal	0	2.98	-	28.59	27.41	4.39	-

802.11n HT20_Nss1,(MCS0)_2TX

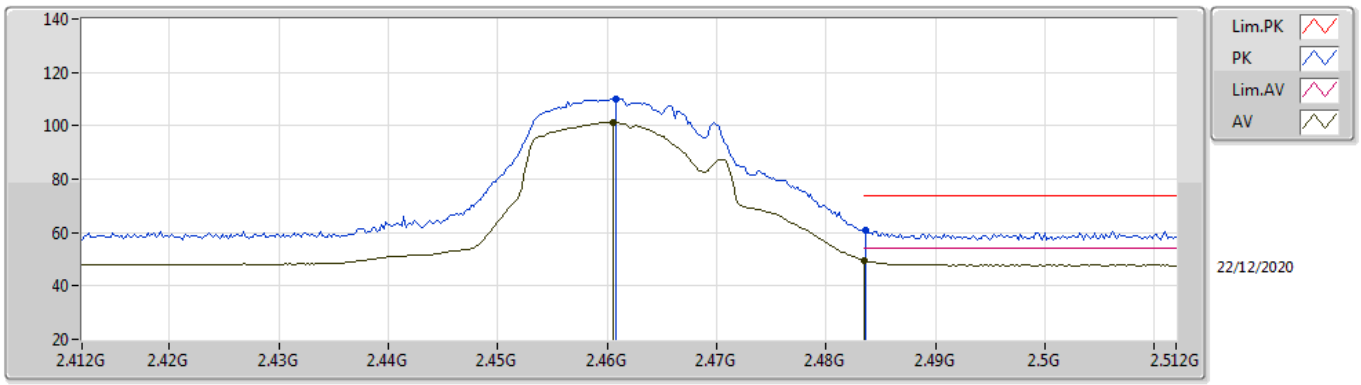
2462MHz_TX



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	2.4606G	100.77	Inf	-Inf	31.84	3	Vertical	24	1.59	-	68.93	27.48	4.36	-
AV	2.4835G	49.68	54.00	-4.32	31.81	3	Vertical	24	1.59	-	17.87	27.43	4.38	-
PK	2.461G	109.55	Inf	-Inf	31.84	3	Vertical	24	1.59	-	77.71	27.48	4.36	-
PK	2.4836G	60.86	74.00	-13.14	31.81	3	Vertical	24	1.59	-	29.05	27.43	4.38	-

802.11n HT20_Nss1,(MCS0)_2TX

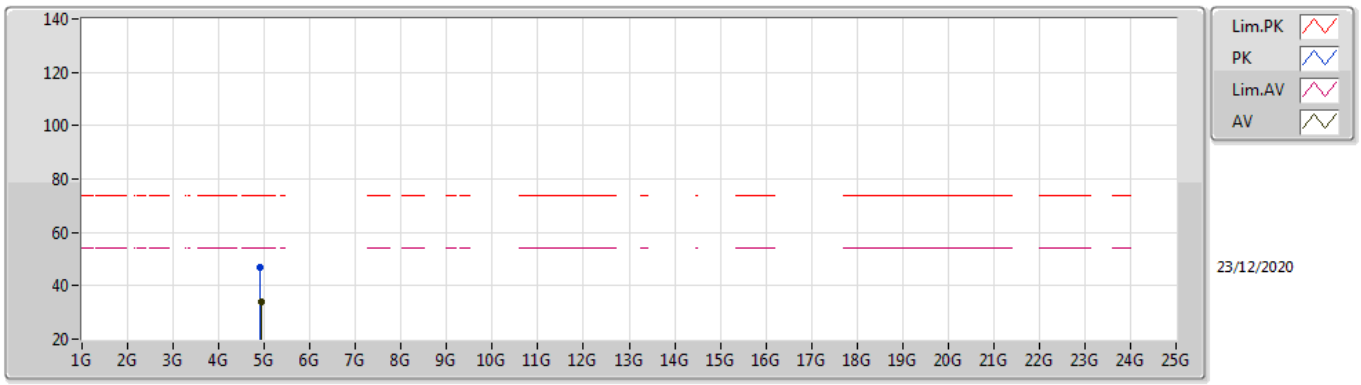
2462MHz_TX



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	2.4606G	101.29	Inf	-Inf	31.84	3	Horizontal	360	1.17	-	69.45	27.48	4.36	-
AV	2.4835G	49.44	54.00	-4.56	31.81	3	Horizontal	360	1.17	-	17.63	27.43	4.38	-
PK	2.4608G	110.04	Inf	-Inf	31.84	3	Horizontal	360	1.17	-	78.20	27.48	4.36	-
PK	2.4836G	60.93	74.00	-13.07	31.81	3	Horizontal	360	1.17	-	29.12	27.43	4.38	-

802.11n HT20_Nss1,(MCS0)_2TX

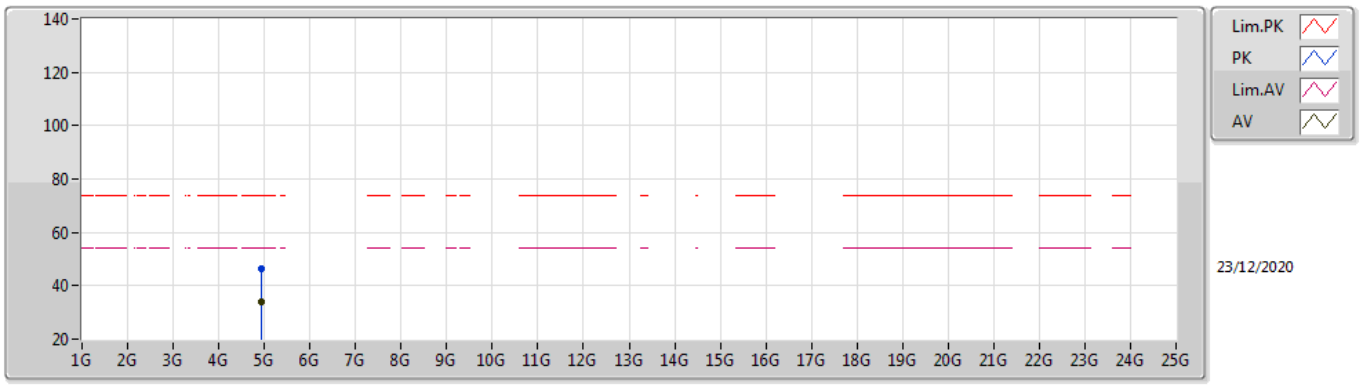
2462MHz_TX



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	4.93288G	33.95	54.00	-20.05	8.61	3	Vertical	291	2.49	-	25.34	31.17	6.63	29.19
PK	4.91428G	46.94	74.00	-27.06	8.54	3	Vertical	291	2.49	-	38.40	31.13	6.61	29.20

802.11n HT20_Nss1,(MCS0)_2TX

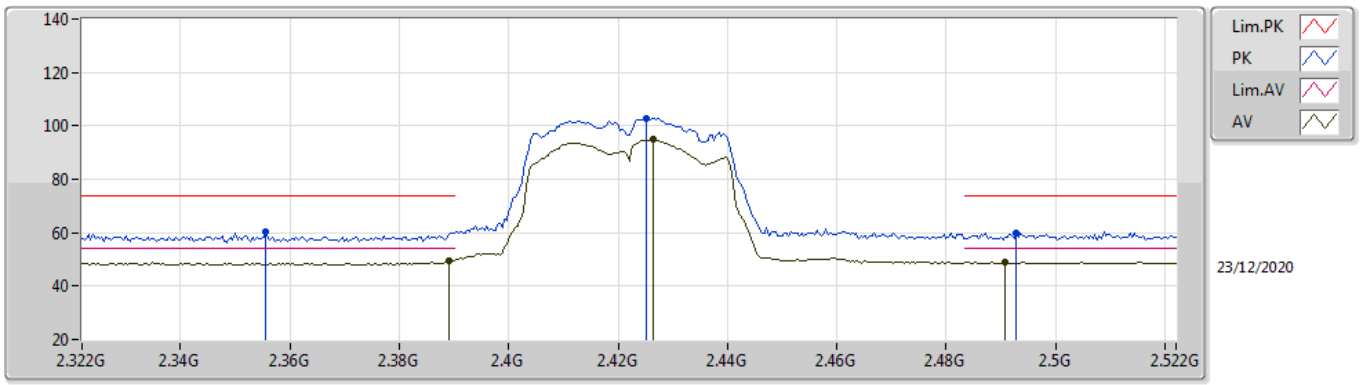
2462MHz_TX



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	4.93136G	33.92	54.00	-20.08	8.60	3	Horizontal	204	1.33	-	25.32	31.16	6.63	29.19
PK	4.92272G	46.56	74.00	-27.44	8.58	3	Horizontal	204	1.33	-	37.98	31.15	6.62	29.19

802.11n HT40_Nss1,(MCS0)_2TX

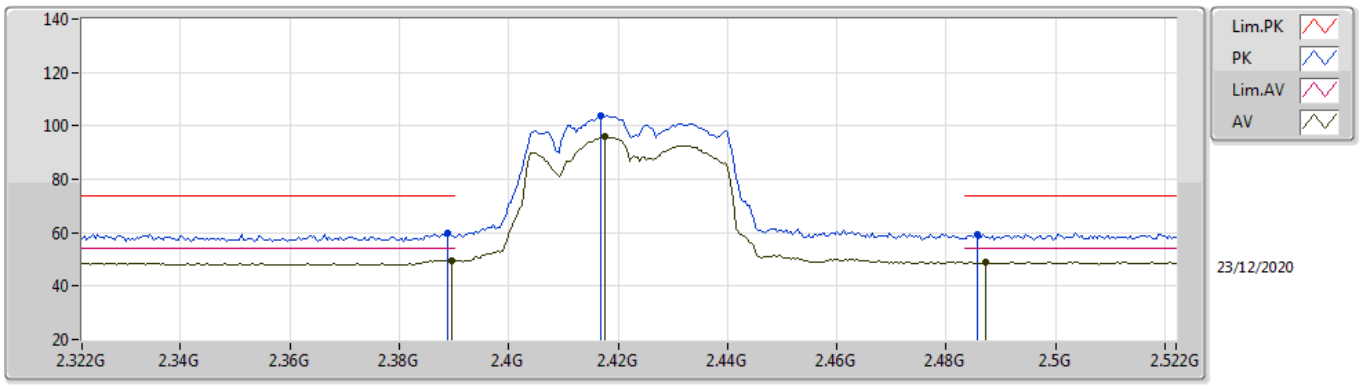
2422MHz_TX



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	2.3892G	49.56	54.00	-4.44	31.91	3	Vertical	257	2.12	-	17.65	27.62	4.29	-
AV	2.4264G	94.78	Inf	-Inf	31.88	3	Vertical	257	2.12	-	62.90	27.55	4.33	-
AV	2.4908G	49.19	54.00	-4.81	31.81	3	Vertical	257	2.12	-	17.38	27.42	4.39	-
PK	2.3556G	60.20	74.00	-13.80	31.95	3	Vertical	257	2.12	-	28.25	27.69	4.26	-
PK	2.4252G	103.01	Inf	-Inf	31.88	3	Vertical	257	2.12	-	71.13	27.55	4.33	-
PK	2.4928G	59.65	74.00	-14.35	31.80	3	Vertical	257	2.12	-	27.85	27.41	4.39	-

802.11n HT40_Nss1,(MCS0)_2TX

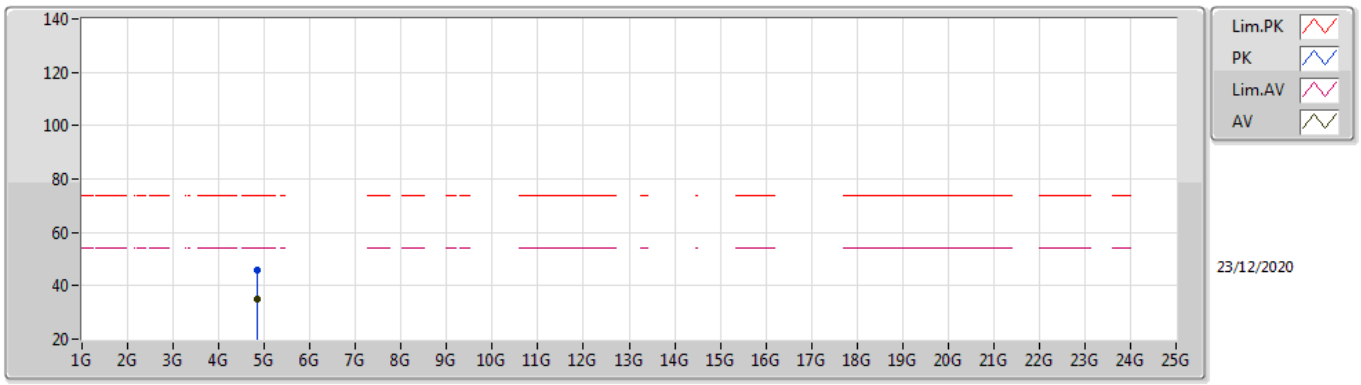
2422MHz_TX



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	2.3896G	49.57	54.00	-4.43	31.91	3	Horizontal	4	3.00	-	17.66	27.62	4.29	-
AV	2.4176G	95.78	Inf	-Inf	31.88	3	Horizontal	4	3.00	-	63.90	27.56	4.32	-
AV	2.4872G	49.20	54.00	-4.80	31.82	3	Horizontal	4	3.00	-	17.38	27.43	4.39	-
PK	2.3888G	59.79	74.00	-14.21	31.91	3	Horizontal	4	3.00	-	27.88	27.62	4.29	-
PK	2.4168G	103.90	Inf	-Inf	31.89	3	Horizontal	4	3.00	-	72.01	27.57	4.32	-
PK	2.4856G	59.28	74.00	-14.72	31.82	3	Horizontal	4	3.00	-	27.46	27.43	4.39	-

802.11n HT40_Nss1,(MCS0)_2TX

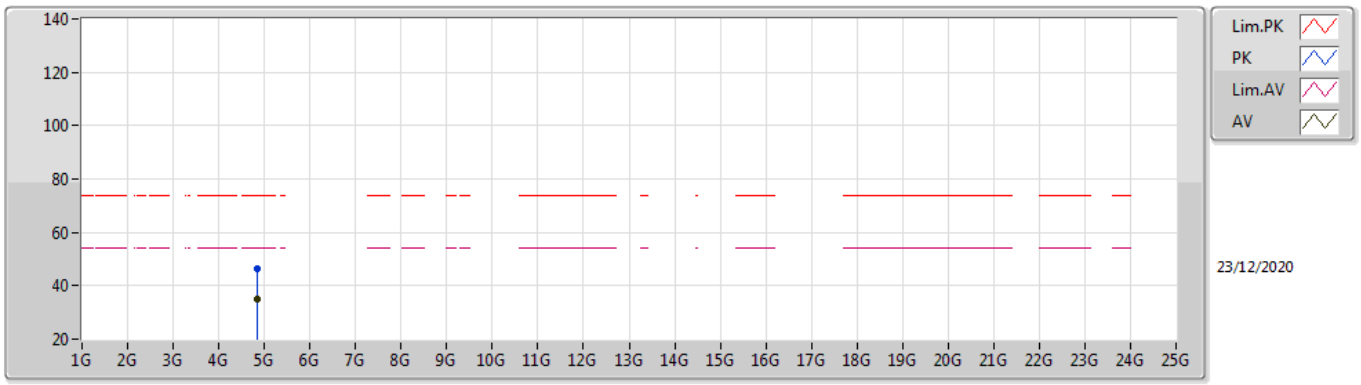
2422MHz_TX



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	4.84896G	34.99	54.00	-19.01	8.43	3	Vertical	335	1.48	-	26.56	31.10	6.55	29.22
PK	4.84844G	46.03	74.00	-27.97	8.43	3	Vertical	335	1.48	-	37.60	31.10	6.55	29.22

802.11n HT40_Nss1,(MCS0)_2TX

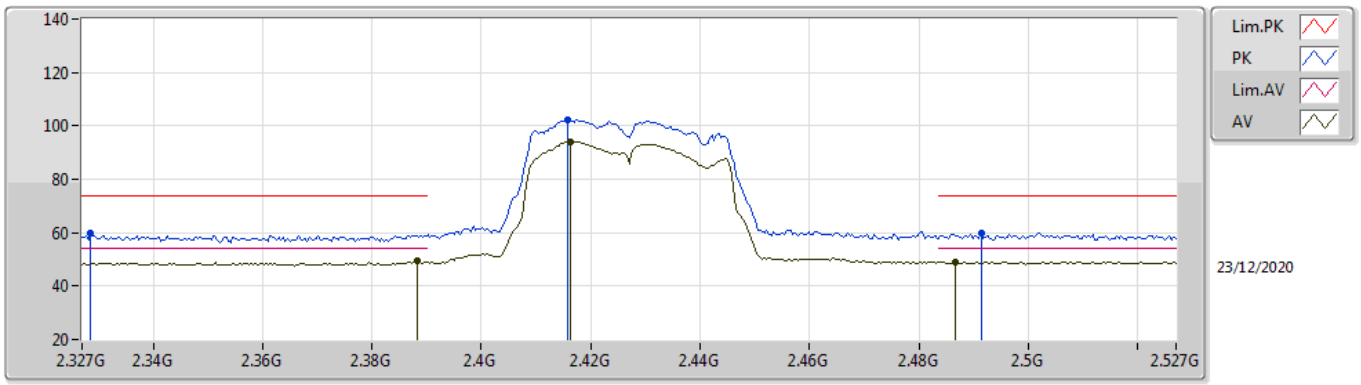
2422MHz_TX



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	4.84968G	35.12	54.00	-18.88	8.43	3	Horizontal	126	2.00	-	26.69	31.10	6.55	29.22
PK	4.85024G	46.61	74.00	-27.39	8.43	3	Horizontal	126	2.00	-	38.18	31.10	6.55	29.22

802.11n HT40_Nss1,(MCS0)_2TX

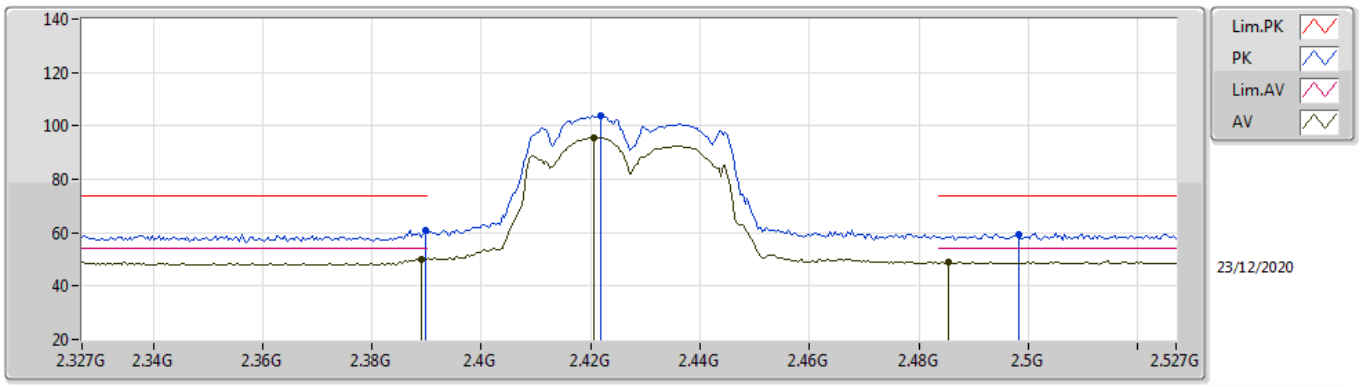
2427MHz_TX



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	2.3882G	49.32	54.00	-4.68	31.91	3	Vertical	258	2.11	-	17.41	27.62	4.29	-
AV	2.4162G	94.22	Inf	-Inf	31.89	3	Vertical	258	2.11	-	62.33	27.57	4.32	-
AV	2.4866G	48.94	54.00	-5.06	31.82	3	Vertical	258	2.11	-	17.12	27.43	4.39	-
PK	2.3286G	59.94	74.00	-14.06	32.02	3	Vertical	258	2.11	-	27.92	27.79	4.23	-
PK	2.4158G	102.43	Inf	-Inf	31.89	3	Vertical	258	2.11	-	70.54	27.57	4.32	-
PK	2.4914G	59.74	74.00	-14.26	31.81	3	Vertical	258	2.11	-	27.93	27.42	4.39	-

802.11n HT40_Nss1,(MCS0)_2TX

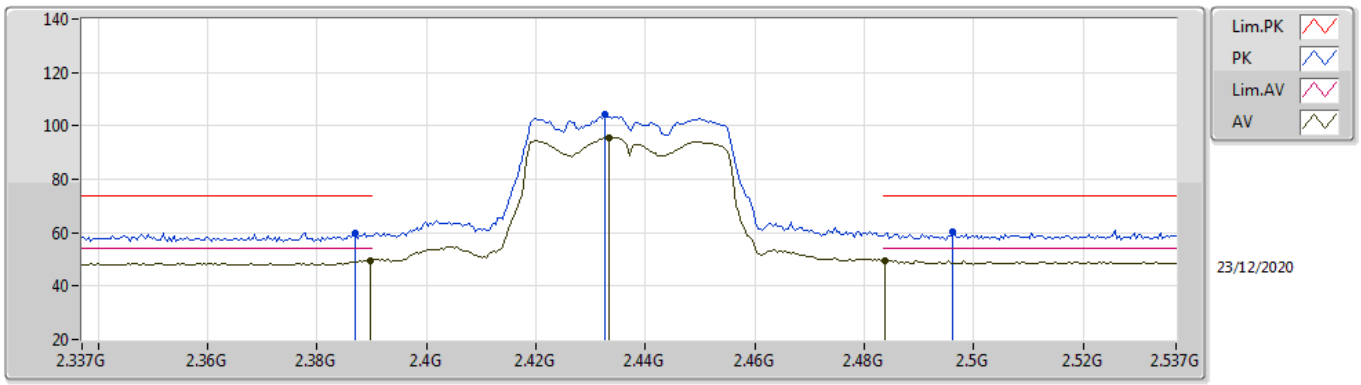
2427MHz_TX



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	2.389G	50.00	54.00	-4.00	31.91	3	Horizontal	353	3.00	-	18.09	27.62	4.29	-
AV	2.4206G	95.58	Inf	-Inf	31.88	3	Horizontal	353	3.00	-	63.70	27.56	4.32	-
AV	2.4854G	48.94	54.00	-5.06	31.82	3	Horizontal	353	3.00	-	17.12	27.43	4.39	-
PK	2.3898G	60.73	74.00	-13.27	31.91	3	Horizontal	353	3.00	-	28.82	27.62	4.29	-
PK	2.4218G	103.62	Inf	-Inf	31.88	3	Horizontal	353	3.00	-	71.74	27.56	4.32	-
PK	2.4982G	59.43	74.00	-14.57	31.80	3	Horizontal	353	3.00	-	27.63	27.40	4.40	-

802.11n HT40_Nss1,(MCS0)_2TX

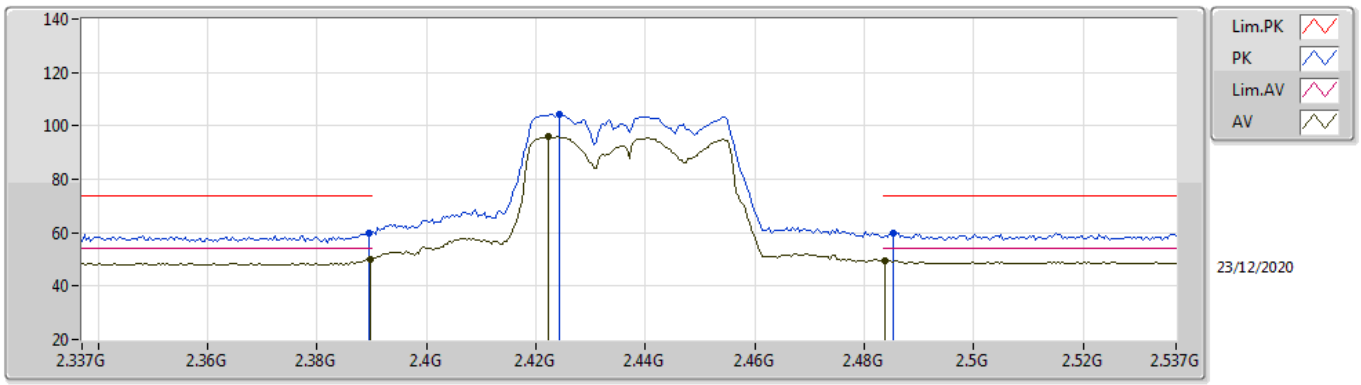
2437MHz_TX



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	2.3898G	49.57	54.00	-4.43	31.91	3	Vertical	256	2.03	-	17.66	27.62	4.29	-
AV	2.4334G	95.39	Inf	-Inf	31.86	3	Vertical	256	2.03	-	63.53	27.53	4.33	-
AV	2.4838G	49.68	54.00	-4.32	31.81	3	Vertical	256	2.03	-	17.87	27.43	4.38	-
PK	2.387G	60.06	74.00	-13.94	31.92	3	Vertical	256	2.03	-	28.14	27.63	4.29	-
PK	2.4326G	104.06	Inf	-Inf	31.86	3	Vertical	256	2.03	-	72.20	27.53	4.33	-
PK	2.4962G	60.18	74.00	-13.82	31.81	3	Vertical	256	2.03	-	28.37	27.41	4.40	-

802.11n HT40_Nss1,(MCS0)_2TX

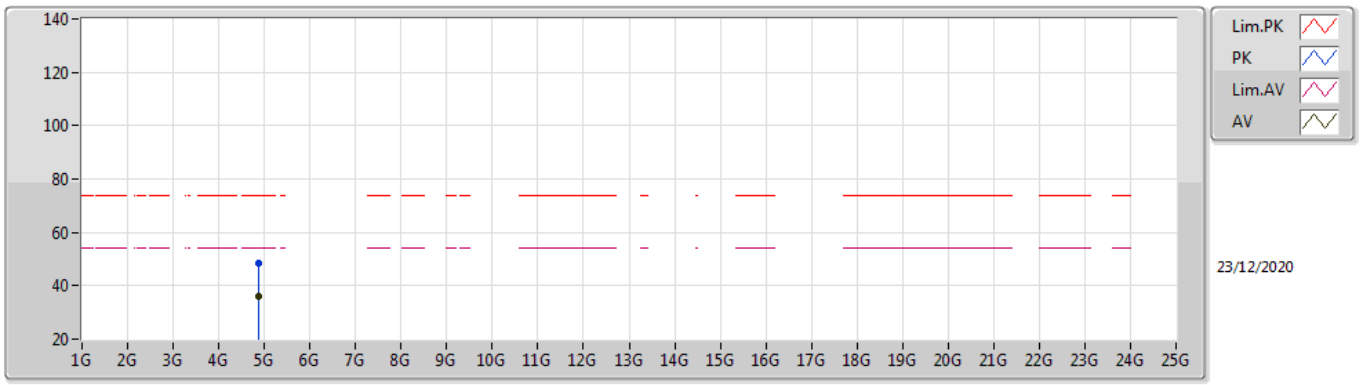
2437MHz_TX



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	2.3898G	49.79	54.00	-4.21	31.91	3	Horizontal	356	2.74	-	17.88	27.62	4.29	-
AV	2.4222G	95.89	Inf	-Inf	31.88	3	Horizontal	356	2.74	-	64.01	27.56	4.32	-
AV	2.4838G	49.68	54.00	-4.32	31.81	3	Horizontal	356	2.74	-	17.87	27.43	4.38	-
PK	2.3894G	59.87	74.00	-14.13	31.91	3	Horizontal	356	2.74	-	27.96	27.62	4.29	-
PK	2.4242G	104.29	Inf	-Inf	31.87	3	Horizontal	356	2.74	-	72.42	27.55	4.32	-
PK	2.4854G	60.04	74.00	-13.96	31.82	3	Horizontal	356	2.74	-	28.22	27.43	4.39	-

802.11n HT40_Nss1,(MCS0)_2TX

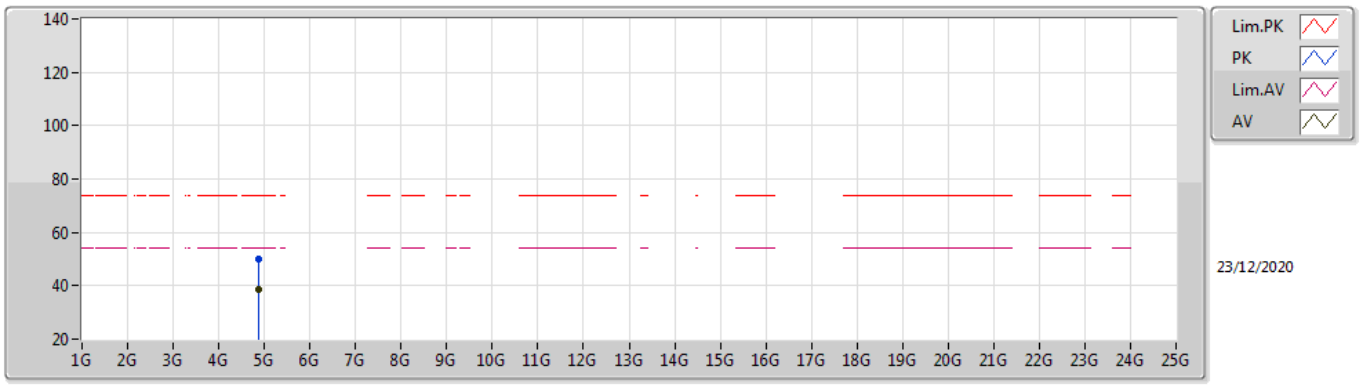
2437MHz_TX



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	4.87012G	36.11	54.00	-17.89	8.46	3	Vertical	239	2.08	-	27.65	31.10	6.57	29.21
PK	4.87756G	48.36	74.00	-25.64	8.47	3	Vertical	239	2.08	-	39.89	31.10	6.58	29.21

802.11n HT40_Nss1,(MCS0)_2TX

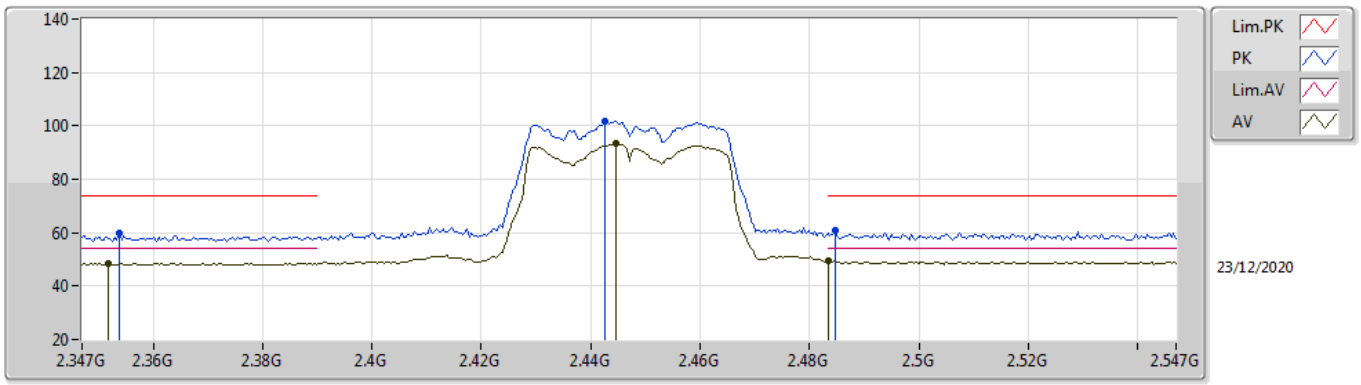
2437MHz_TX



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	4.87424G	38.53	54.00	-15.47	8.46	3	Horizontal	241	1.34	-	30.07	31.10	6.57	29.21
PK	4.8658G	49.88	74.00	-24.12	8.46	3	Horizontal	241	1.34	-	41.42	31.10	6.57	29.21

802.11n HT40_Nss1,(MCS0)_2TX

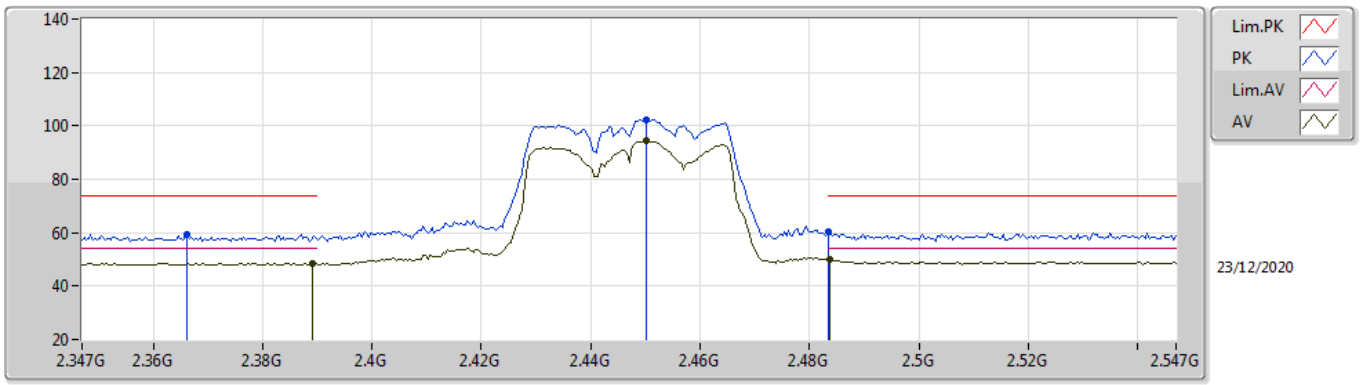
2447MHz_TX



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	2.3518G	48.55	54.00	-5.45	31.95	3	Vertical	256	2.05	-	16.60	27.70	4.25	-
AV	2.4446G	93.34	Inf	-Inf	31.85	3	Vertical	256	2.05	-	61.49	27.51	4.34	-
AV	2.4835G	49.44	54.00	-4.56	31.81	3	Vertical	256	2.05	-	17.63	27.43	4.38	-
PK	2.3538G	59.59	74.00	-14.41	31.94	3	Vertical	256	2.05	-	27.65	27.69	4.25	-
PK	2.4426G	101.58	Inf	-Inf	31.85	3	Vertical	256	2.05	-	69.73	27.51	4.34	-
PK	2.4846G	60.80	74.00	-13.20	31.81	3	Vertical	256	2.05	-	28.99	27.43	4.38	-

802.11n HT40_Nss1,(MCS0)_2TX

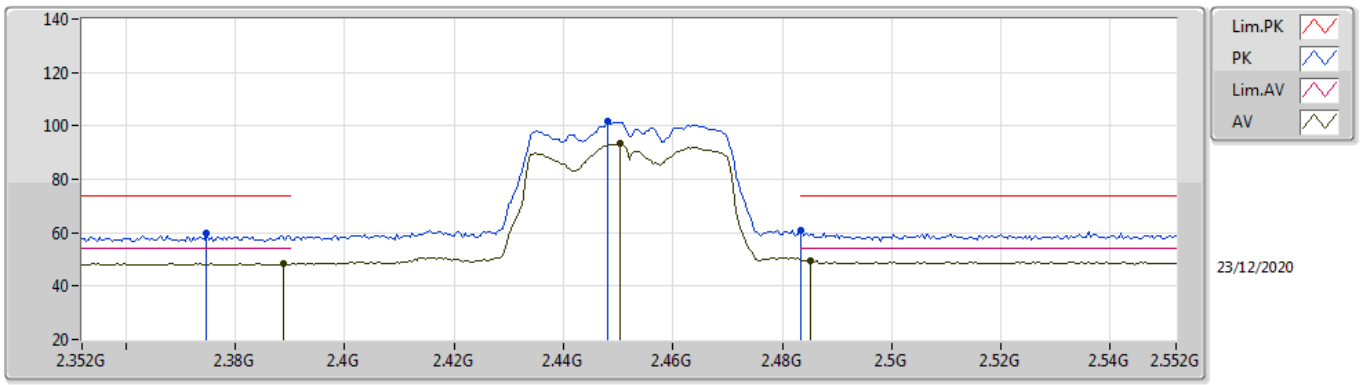
2447MHz_TX



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	2.389G	48.59	54.00	-5.41	31.91	3	Horizontal	360	3.00	-	16.68	27.62	4.29	-
AV	2.4502G	94.38	Inf	-Inf	31.85	3	Horizontal	360	3.00	-	62.53	27.50	4.35	-
AV	2.4838G	49.92	54.00	-4.08	31.81	3	Horizontal	360	3.00	-	18.11	27.43	4.38	-
PK	2.3662G	59.49	74.00	-14.51	31.94	3	Horizontal	360	3.00	-	27.55	27.67	4.27	-
PK	2.4502G	102.48	Inf	-Inf	31.85	3	Horizontal	360	3.00	-	70.63	27.50	4.35	-
PK	2.4835G	60.59	74.00	-13.41	31.81	3	Horizontal	360	3.00	-	28.78	27.43	4.38	-

802.11n HT40_Nss1,(MCS0)_2TX

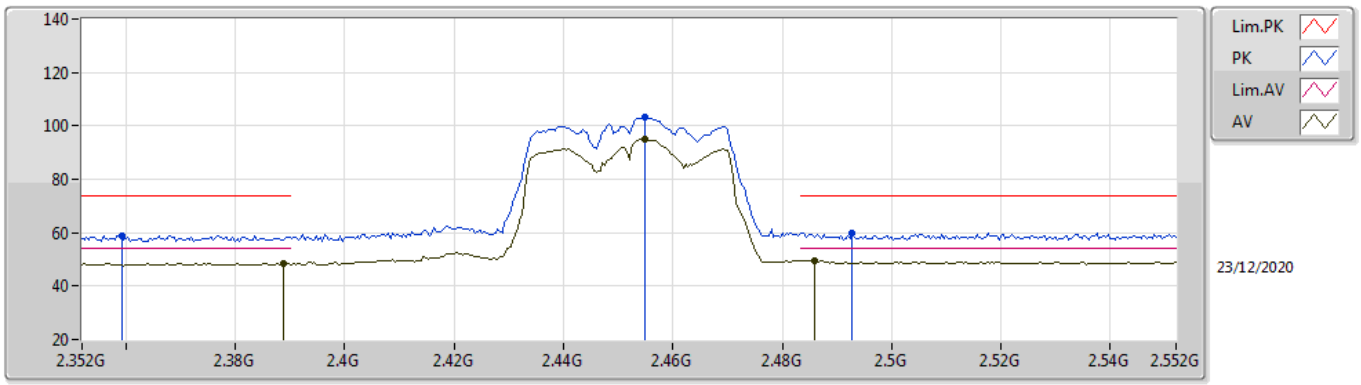
2452MHz_TX



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	2.3888G	48.59	54.00	-5.41	31.91	3	Vertical	257	1.96	-	16.68	27.62	4.29	-
AV	2.4504G	93.19	Inf	-Inf	31.85	3	Vertical	257	1.96	-	61.34	27.50	4.35	-
AV	2.4852G	49.69	54.00	-4.31	31.82	3	Vertical	257	1.96	-	17.87	27.43	4.39	-
PK	2.3748G	59.72	74.00	-14.28	31.92	3	Vertical	257	1.96	-	27.80	27.65	4.27	-
PK	2.448G	101.59	Inf	-Inf	31.85	3	Vertical	257	1.96	-	69.74	27.50	4.35	-
PK	2.4835G	61.00	74.00	-13.00	31.81	3	Vertical	257	1.96	-	29.19	27.43	4.38	-

802.11n HT40_Nss1,(MCS0)_2TX

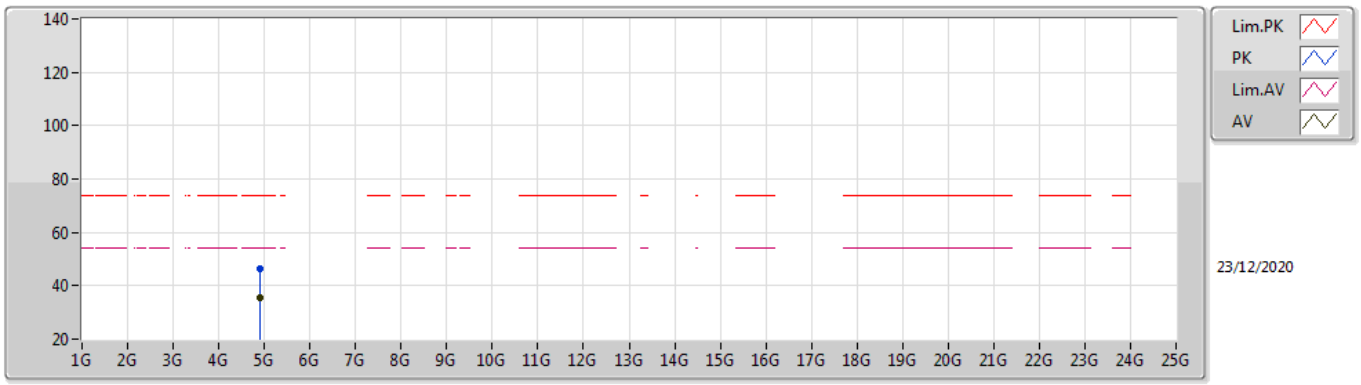
2452MHz_TX



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	2.3888G	48.59	54.00	-5.41	31.91	3	Horizontal	359	2.69	-	16.68	27.62	4.29	-
AV	2.4548G	94.84	Inf	-Inf	31.84	3	Horizontal	359	2.69	-	63.00	27.49	4.35	-
AV	2.486G	49.69	54.00	-4.31	31.82	3	Horizontal	359	2.69	-	17.87	27.43	4.39	-
PK	2.3592G	59.03	74.00	-14.97	31.94	3	Horizontal	359	2.69	-	27.09	27.68	4.26	-
PK	2.4548G	103.10	Inf	-Inf	31.84	3	Horizontal	359	2.69	-	71.26	27.49	4.35	-
PK	2.4928G	60.03	74.00	-13.97	31.80	3	Horizontal	359	2.69	-	28.23	27.41	4.39	-

802.11n HT40_Nss1,(MCS0)_2TX

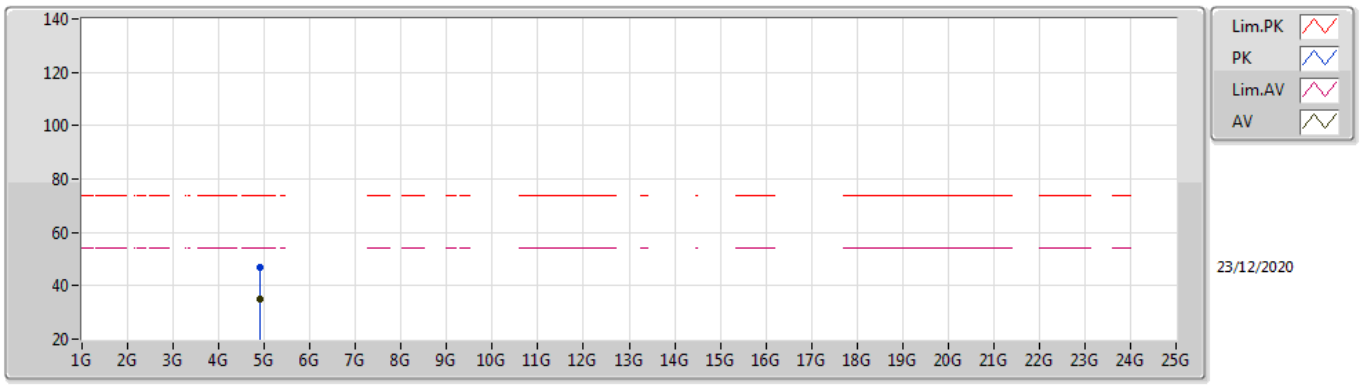
2452MHz_TX



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	4.91284G	35.27	54.00	-18.73	8.54	3	Vertical	241	2.38	-	26.73	31.13	6.61	29.20
PK	4.91176G	46.52	74.00	-27.48	8.53	3	Vertical	241	2.38	-	37.99	31.12	6.61	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	4.89508G	35.19	54.00	-18.81	8.50	3	Horizontal	236	2.16	-	26.69	31.10	6.60	29.20
PK	4.90304G	46.78	74.00	-27.22	8.51	3	Horizontal	236	2.16	-	38.27	31.11	6.60	29.20