FCC Radio Test Report

FCC ID	:	**CFS8DLIPCAMWOC2**
Equipment	:	**HD Wi-Fi Outdoor Camera**
Brand Name	:	**Resideo**
Model Name	:	**IPCAM-WOC2**
Applicant	:	**Ademco Inc.** **2 Corporate Center Drive, Suite 100 Melville, NY 11747**
Manufacturer	:	**EDIMAX TECHNOLOGY CO., LTD.** **No.278, Xinhu 1st Rd., Neihu Dist., Taipei City, Taiwan**
Standard	:	**47 CFR FCC Part 15.247**

The product was received on Apr. 30, 2021, and testing was started from May 07, 2021 and completed on May 13, 2021. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Allen Lin

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR121717AC	01	Initial issue of report	Jun. 10, 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: Debby Hung

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
2400-2483.5	b, g, n (HT20)	2412-2462	1-11 [11]
2400-2483.5	n (HT40)	2422-2452	3-9 [7]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	1TX
2.4-2.4835GHz	802.11g	20	1TX
2.4-2.4835GHz	802.11n HT20	20	1TX
2.4-2.4835GHz	802.11n HT40	40	1TX

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	Gain (dBi)
1	MasterWave	98865MRSX004	Dipole antenna	Reversed-SMA	2.0

For 2.4GHz function:

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

Ant. 1 (port 1) could transmit/receive.

For BT function:

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

Ant. 1 (port 1) could transmit/receive.

1.1.3 EUT Information

Operational Condition					
EUT Power Type	From AC 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)_1TX	0.991	0.04	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g_Nss1,(6Mbps)_1TX	0.957	0.19	2.066m	1k
802.11n HT20_Nss1,(MCS0)_1TX	0.948	0.23	1.922m	1k
802.11n HT40_Nss1,(MCS0)_1TX	0.892	0.5	946.875u	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 414788 D01 v01r01

1.3 Testing Location Information

Test Lab.：Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua	**ADD:** No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
(TAF: 3785**)**	**TEL:** 886-3-327-3456		**FAX:** 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
AC Conduction	CO04-HY	Billy Wang	22.0~23.1°C / 54~56%	10/May/2021~11/May/2021
RF Conducted	TH07-HY	Justin Pan	20.1~26.0°C / 43.7~51.1%	11/May/2021~13/May/2021
☒ Wen 33rd.St.	**ADD:** No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
(TAF: 3785**)**	**TEL:** 886-3-318-0787		**FAX:** 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
Radiated	03CH09-HY	Daniel Hsu	22.4~23.6°C / 51~56%	07/May/2021~10/May/2021

1.4 Measurement Uncertainty

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

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

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	Microsoft Windows6.1

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	47
2417MHz	48
2437MHz	56
2457MHz	48
2462MHz	47
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	46
2417MHz	50
2437MHz	57
2457MHz	50
2462MHz	44
802.11n HT20_Nss1,(MCS0)_1TX	-
2412MHz	46
2417MHz	49
2437MHz	57
2457MHz	49
2462MHz	43
802.11n HT40_Nss1,(MCS0)_1TX	-
2422MHz	46
2437MHz	44
2447MHz	40
2452MHz	40

2.2 The Worst Case Measurement Configuration

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

2.3 Accessories

Accessories				
AC Adapter	Brand Name	AMIGO	Model Name	AMS159A-1201000FU
	Power Rating	I/P: 100-240 Vac, O/P: 12 Vdc, 1A		
	Power Cord	2.438 meter, non-shielded cable, w/o ferrite core		

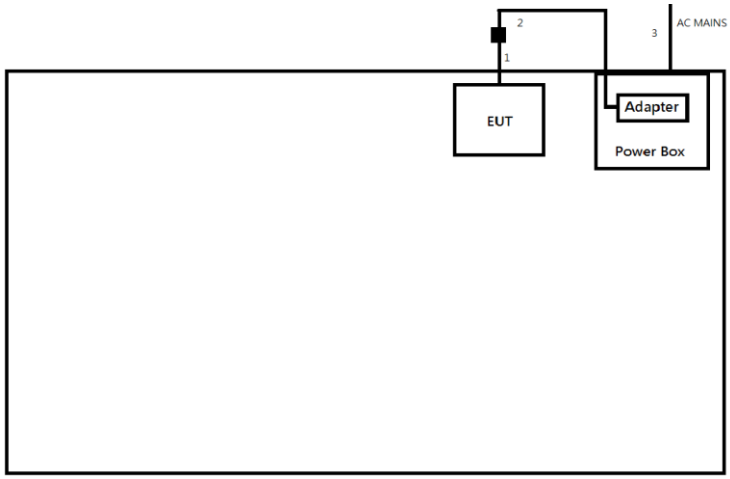
Reminder: Regarding to more detail and other information, please refer to user manual.

2.4 Support Equipment

Support Equipment – Conducted					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Notebook	HP	5220M	-	-
2	Adapter for NB	HP	PPP012L-E	-	-

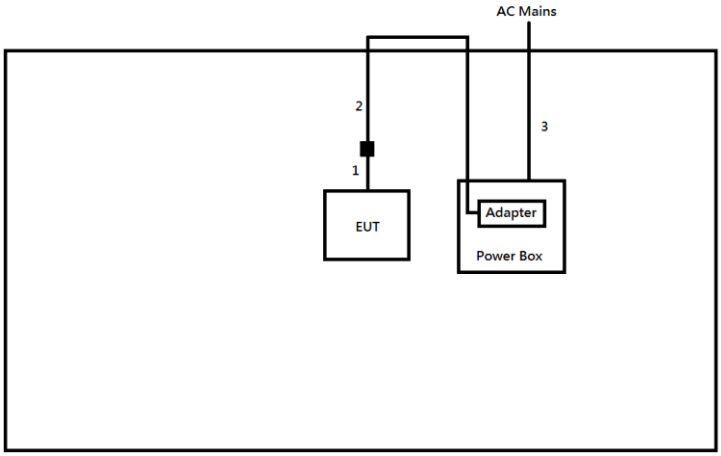
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	DC Power cable	No	0.52	-
2	DC Power cable	No	2.438	-
3	AC Power cable	No	1.8	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	DC Power cable	No	0.52	-
2	DC Power cable	No	2.438	-
3	AC Power cable	No	1.8	-

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

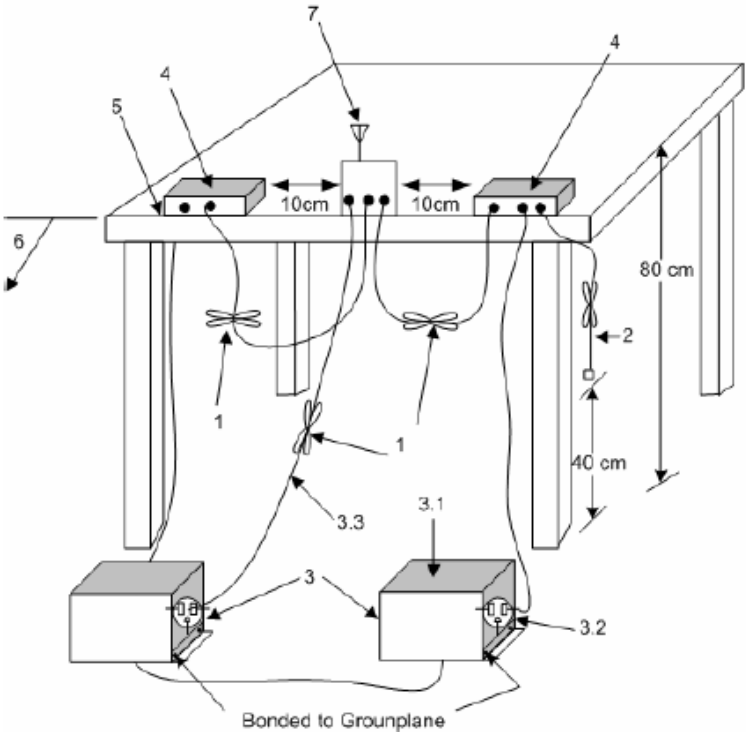
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

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

3.1.5 Test Setup

AC Power-line Conducted Emissions



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

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

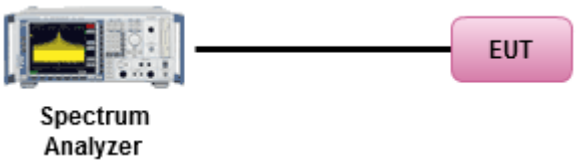
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

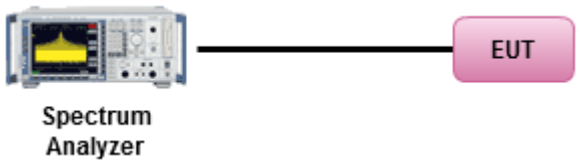
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

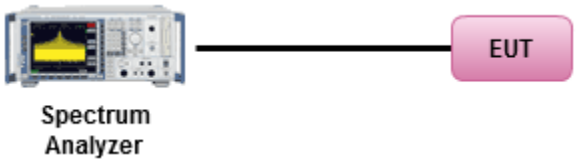
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup

Emissions in Non-restricted Frequency Bands


3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

3.6.2 Measuring Instruments

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

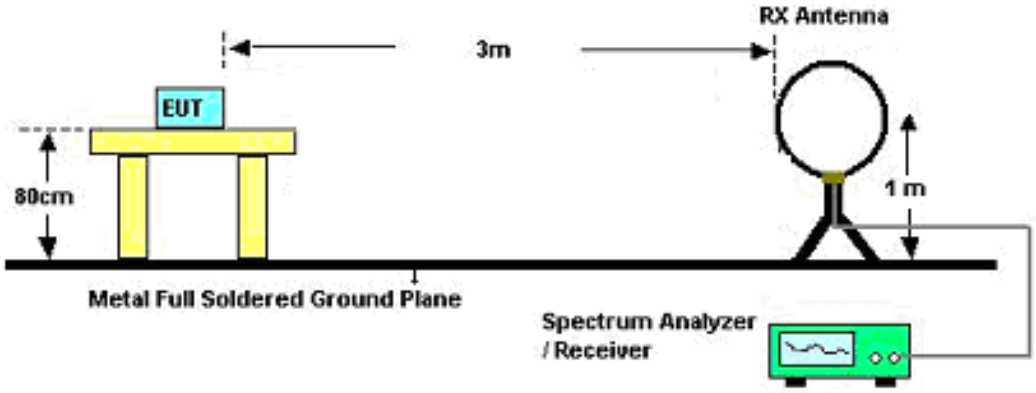
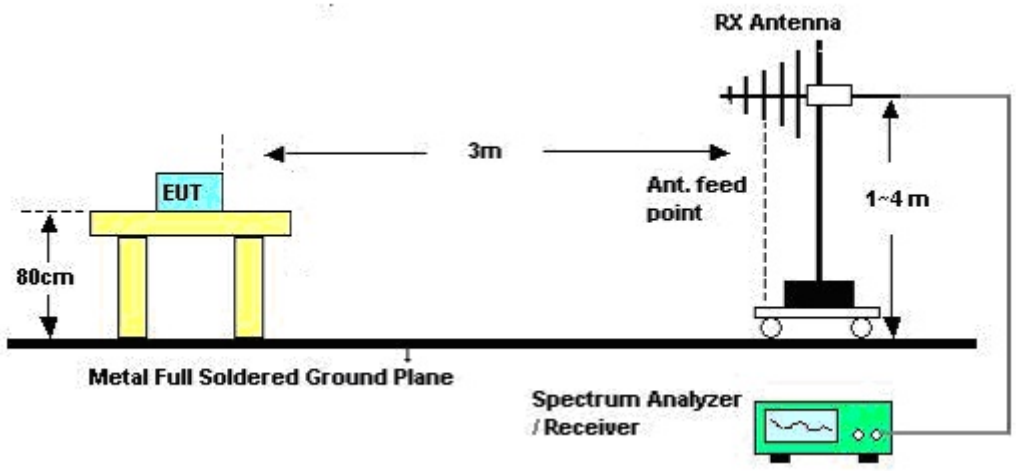
3.6.3 Test Procedures

Test Method	
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].	
▪ Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
▪ For the transmitter unwanted emissions shall be measured using following options below:	
	▪ Refer as KDB 558074, clause 8.6 (11.12 of ANSI C63.10) for restricted frequency bands.
▪ For the transmitter band-edge emissions shall be measured using following options below:	
	▪ Refer as KDB 558074 clause 8.7.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.
	▪ Refer as KDB 558074, clause 8.7.2 (6.10.6 of ANSI C63.10) for marker-delta method for band-edge measurements.
	▪ Refer as KDB 558074, clause 8.7.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels.
▪ Use the following spectrum analyzer settings:	
	▪ Set RBW=100 kHz for f < 1 GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	▪ Set RBW = 1 MHz, VBW= 3MHz for f ≥ 1 GHz for peak measurement. For average measurement, refer as 1.1.4.
▪ KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	
	▪ Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	▪ Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

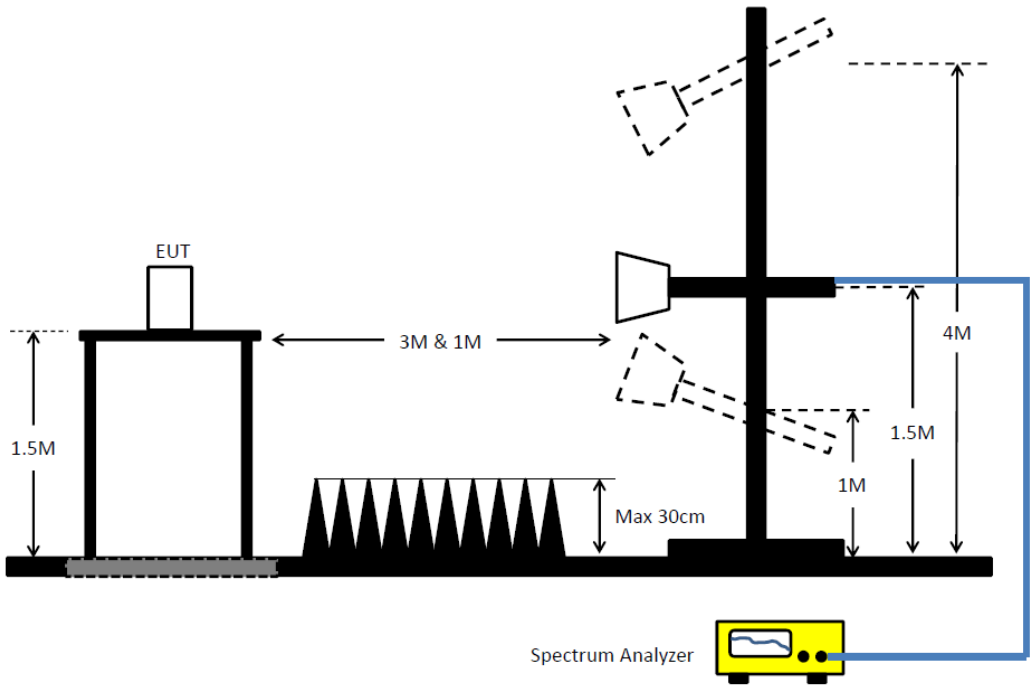
3.6.4 Measurement Results Calculation

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

3.6.5 Test Setup

Emissions in Restricted Frequency Bands
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



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

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR3	102051	9kHz ~ 3.6GHz	29/May/2020	28/May/2021
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	11/Nov/2020	10/Nov/2021
RF Cable 5m	TITAN	TITAN	CO04-cable-01	0.1MHz~200MHz	03/Mar/2021	02/Mar/2022
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	21/Sep/2020	20/Sep/2021

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101515	10Hz~40GHz	26/Mar/2021	25/Mar/2022
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	20/Oct/2020	19/Oct/2021
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	27/Nov/2020	26/Nov/2021
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	27/Nov/2020	26/Nov/2021

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz~1GHz 3m	26/Mar/2021	25/Mar/2022
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	18/Mar/2021	17/Mar/2022
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	11/Aug/2020	10/Aug/2021
Amplifier	EMC	EMC9135	980232	9kHz~1GHz	12/Apr/2021	11/Apr/2022
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	24/Jul/2020	23/Jul/2021
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D& MTJ6102-05	35418 & 3	30MHz~1GHz	06/Sep/2020	05/Sep/2021
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA9120 D 1534	1GHz~18GHz	28/May/2020	27/May/2021
RF Cable-low	Jye Bao	RG142	CB031+324530/ 4	9kHz~30MHz	03/Sep/2020	02/Sep/2021
RF Cable-low	Jye Bao	RG142	CB031+324530/ 4	30MHz~1GHz	09/Feb/2021	08/Feb/2022
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX1 04	SN MY25918/4+ SN MY39478/4 + SN 324530/4	1GHz~40GHz	15/Aug/2020	14/Aug/2021
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	11/Mar/2021	10/Mar/2022
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz~40GHz	18/Mar/2021	17/Mar/2022
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2021	15/Mar/2022
EMI Test Receiver	R&S	ESR3	102051	9kHz~3.6GHz	29/May/2020	28/May/2021

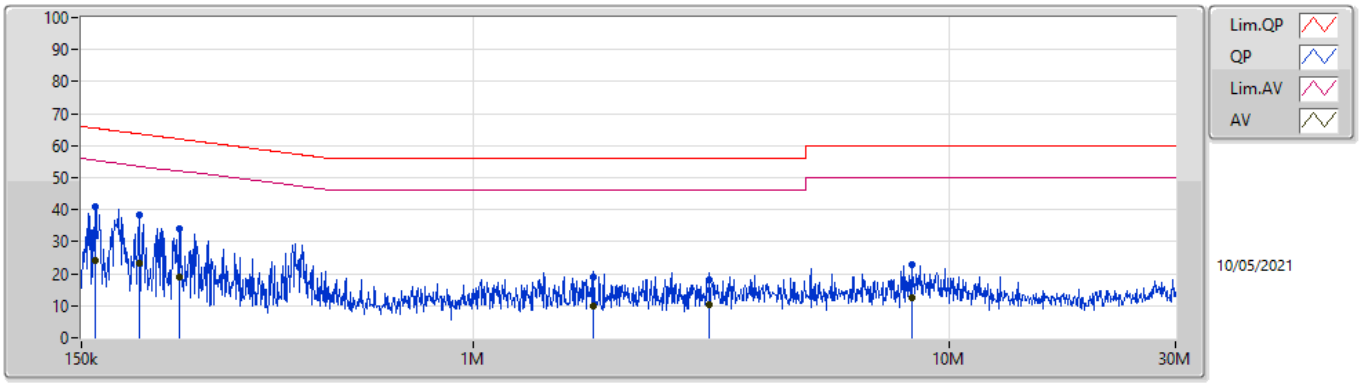
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	420.135k	36.84	47.45	-10.61	Neutral

Result

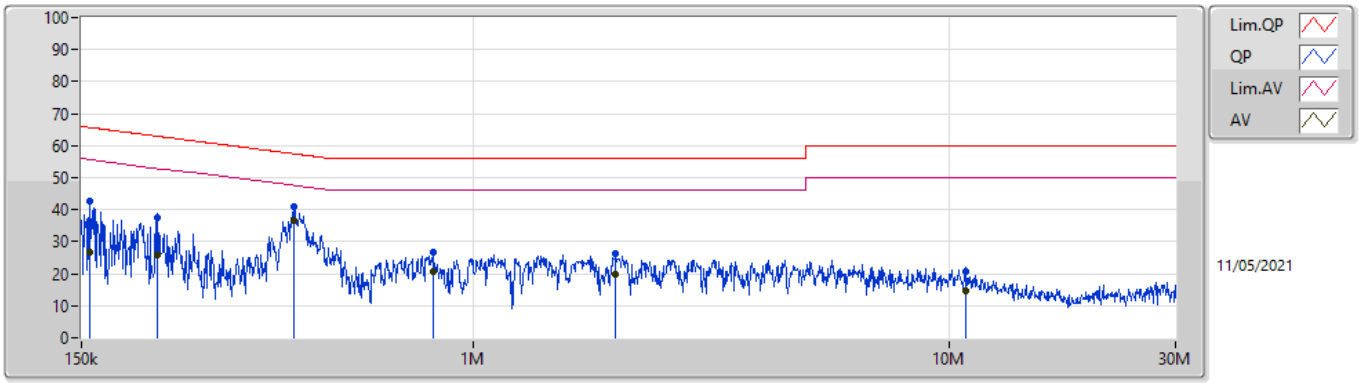
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	160.533k	40.75	65.43	-24.68	Line	-
Mode 1	Pass	AV	160.533k	24.27	55.43	-31.16	Line	-
Mode 1	Pass	QP	199.152k	38.30	63.65	-25.35	Line	-
Mode 1	Pass	AV	199.152k	23.13	53.65	-30.52	Line	-
Mode 1	Pass	QP	240.253k	33.92	62.08	-28.16	Line	-
Mode 1	Pass	AV	240.253k	19.10	52.08	-32.98	Line	-
Mode 1	Pass	QP	1.789M	18.76	56.00	-37.24	Line	-
Mode 1	Pass	AV	1.789M	9.84	46.00	-36.16	Line	-
Mode 1	Pass	QP	3.142M	18.20	56.00	-37.80	Line	-
Mode 1	Pass	AV	3.142M	10.37	46.00	-35.63	Line	-
Mode 1	Pass	QP	8.355M	22.79	60.00	-37.21	Line	-
Mode 1	Pass	AV	8.355M	12.39	50.00	-37.61	Line	-
Mode 1	Pass	QP	156.109k	42.73	65.67	-22.94	Neutral	-
Mode 1	Pass	AV	156.109k	26.87	55.67	-28.80	Neutral	-
Mode 1	Pass	QP	216.567k	37.45	62.94	-25.49	Neutral	-
Mode 1	Pass	AV	216.567k	25.85	52.94	-27.09	Neutral	-
Mode 1	Pass	QP	420.135k	41.09	57.45	-16.36	Neutral	-
Mode 1	Pass	AV	420.135k	36.84	47.45	-10.61	Neutral	-
Mode 1	Pass	QP	821.586k	26.83	56.00	-29.17	Neutral	-
Mode 1	Pass	AV	821.586k	20.57	46.00	-25.43	Neutral	-
Mode 1	Pass	QP	1.993M	26.33	56.00	-29.67	Neutral	-
Mode 1	Pass	AV	1.993M	19.91	46.00	-26.09	Neutral	-
Mode 1	Pass	QP	10.83M	20.56	60.00	-39.44	Neutral	-
Mode 1	Pass	AV	10.83M	14.53	50.00	-35.47	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	160.533k	40.75	65.43	-24.68	19.63	Line	-	21.12	9.69	0.04	9.90
AV	160.533k	24.27	55.43	-31.16	19.63	Line	-	4.64	9.69	0.04	9.90
QP	199.152k	38.30	63.65	-25.35	19.62	Line	-	18.68	9.68	0.04	9.90
AV	199.152k	23.13	53.65	-30.52	19.62	Line	-	3.51	9.68	0.04	9.90
QP	240.253k	33.92	62.08	-28.16	19.63	Line	-	14.29	9.68	0.05	9.90
AV	240.253k	19.10	52.08	-32.98	19.63	Line	-	-0.53	9.68	0.05	9.90
QP	1.789M	18.76	56.00	-37.24	19.58	Line	-	-0.82	9.68	0.10	9.80
AV	1.789M	9.84	46.00	-36.16	19.58	Line	-	-9.74	9.68	0.10	9.80
QP	3.142M	18.20	56.00	-37.80	19.69	Line	-	-1.49	9.69	0.13	9.87
AV	3.142M	10.37	46.00	-35.63	19.69	Line	-	-9.32	9.69	0.13	9.87
QP	8.355M	22.79	60.00	-37.21	19.80	Line	-	2.99	9.71	0.19	9.90
AV	8.355M	12.39	50.00	-37.61	19.80	Line	-	-7.41	9.71	0.19	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	156.109k	42.73	65.67	-22.94	19.63	Neutral	-	23.10	9.69	0.04	9.90
AV	156.109k	26.87	55.67	-28.80	19.63	Neutral	-	7.24	9.69	0.04	9.90
QP	216.567k	37.45	62.94	-25.49	19.62	Neutral	-	17.83	9.68	0.04	9.90
AV	216.567k	25.85	52.94	-27.09	19.62	Neutral	-	6.23	9.68	0.04	9.90
QP	420.135k	41.09	57.45	-16.36	19.62	Neutral	-	21.47	9.67	0.06	9.89
AV	420.135k	36.84	47.45	-10.61	19.62	Neutral	-	17.22	9.67	0.06	9.89
QP	821.586k	26.83	56.00	-29.17	19.57	Neutral	-	7.26	9.67	0.08	9.82
AV	821.586k	20.57	46.00	-25.43	19.57	Neutral	-	1.00	9.67	0.08	9.82
QP	1.993M	26.33	56.00	-29.67	19.58	Neutral	-	6.75	9.68	0.10	9.80
AV	1.993M	19.91	46.00	-26.09	19.58	Neutral	-	0.33	9.68	0.10	9.80
QP	10.83M	20.56	60.00	-39.44	19.84	Neutral	-	0.72	9.73	0.21	9.90
AV	10.83M	14.53	50.00	-35.47	19.84	Neutral	-	-5.31	9.73	0.21	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)_1TX	10.025M	15.967M	16M0G1D	9.525M	14.868M
802.11g_Nss1,(6Mbps)_1TX	16.325M	17.366M	17M4D1D	16.3M	16.642M
802.11n HT20_Nss1,(MCS0)_1TX	17.55M	18.391M	18M4D1D	17.525M	17.766M
802.11n HT40_Nss1,(MCS0)_1TX	35.45M	36.232M	36M2D1D	35.1M	36.032M

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

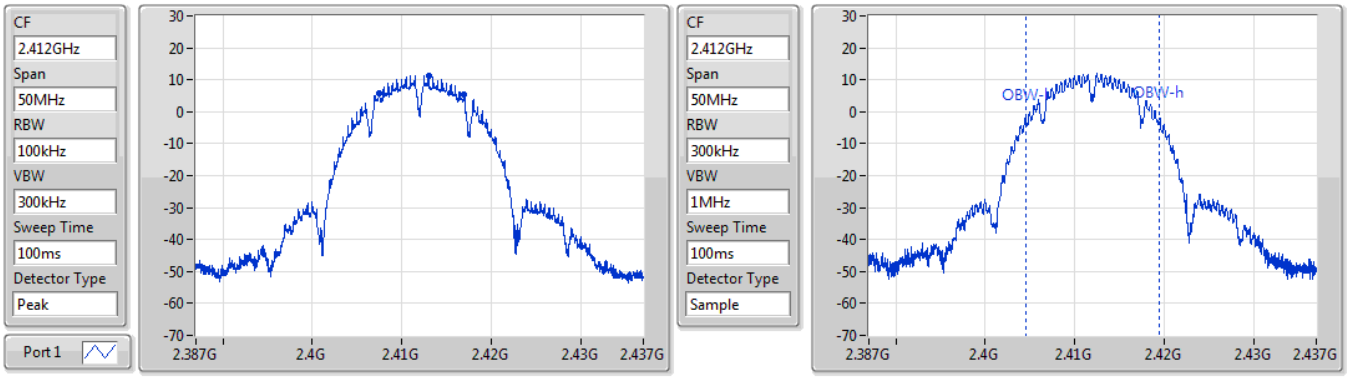
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz_TnomVnom	Pass	500k	9.525M	14.868M
2437MHz_TnomVnom	Pass	500k	10.025M	15.967M
2462MHz_TnomVnom	Pass	500k	9.55M	14.943M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz_TnomVnom	Pass	500k	16.325M	16.642M
2437MHz_TnomVnom	Pass	500k	16.3M	17.366M
2462MHz_TnomVnom	Pass	500k	16.325M	16.692M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz_TnomVnom	Pass	500k	17.525M	17.766M
2437MHz_TnomVnom	Pass	500k	17.525M	18.391M
2462MHz_TnomVnom	Pass	500k	17.55M	17.791M
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-
2422MHz_TnomVnom	Pass	500k	35.45M	36.232M
2437MHz_TnomVnom	Pass	500k	35.15M	36.132M
2452MHz_TnomVnom	Pass	500k	35.1M	36.032M

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

802.11b_Nss1,(1Mbps)_1TX EBW

2412MHz

11/05/2021

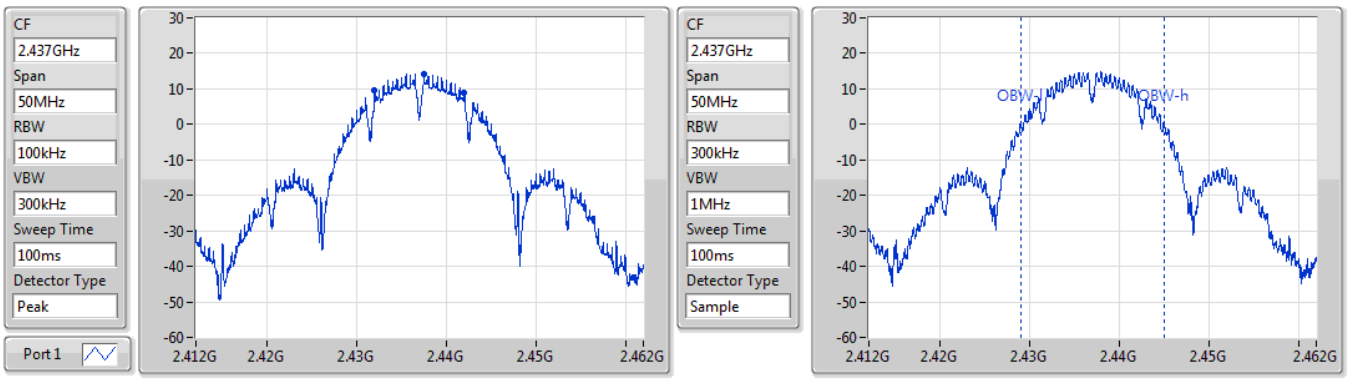


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.525M	2.40745G	2.416975G	14.868M	2.404554G	2.419421G	500k	1

802.11b_Nss1,(1Mbps)_1TX EBW

2437MHz

11/05/2021

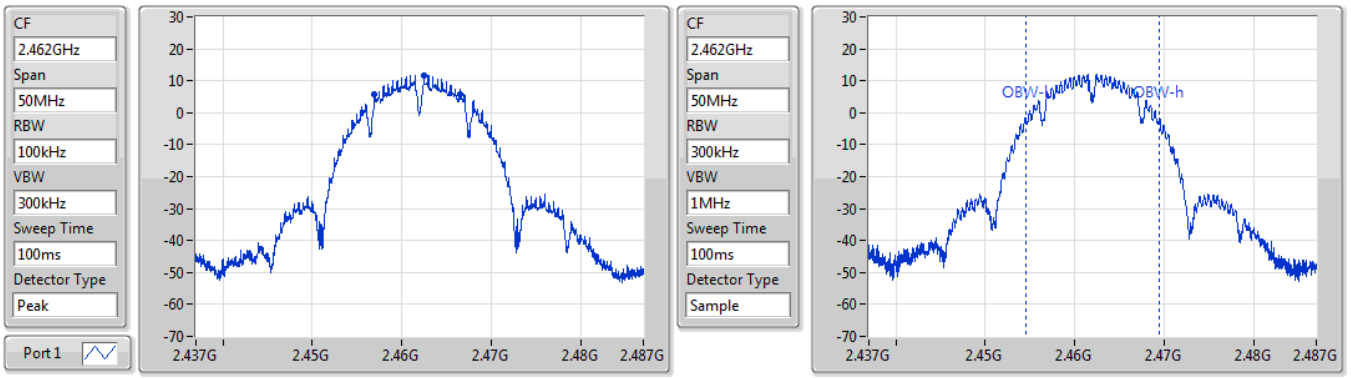


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.025M	2.431975G	2.442G	15.967M	2.429004G	2.444971G	500k	1

802.11b_Nss1,(1Mbps)_1TX EBW

2462MHz

11/05/2021

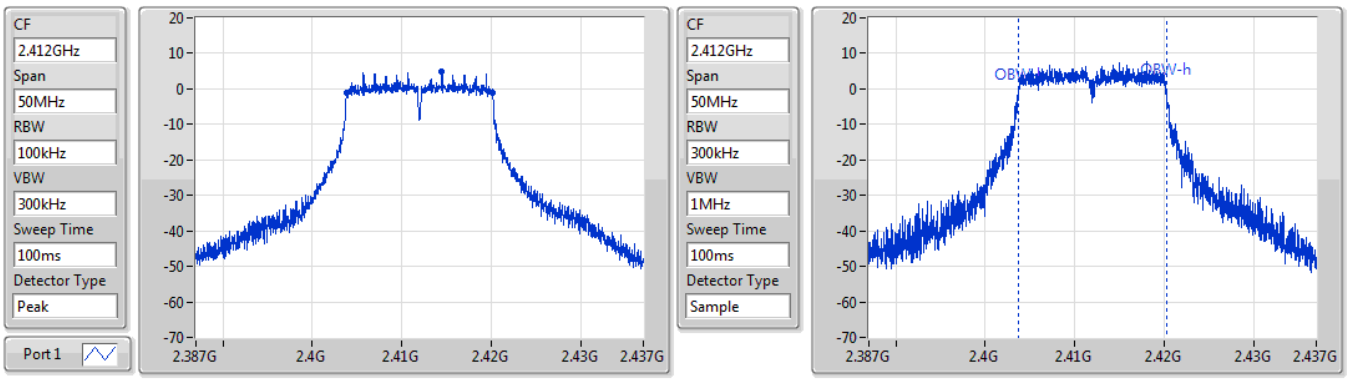


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.55M	2.456975G	2.466525G	14.943M	2.454504G	2.469446G	500k	1

802.11g_Nss1,(6Mbps)_1TX EBW

2412MHz

11/05/2021

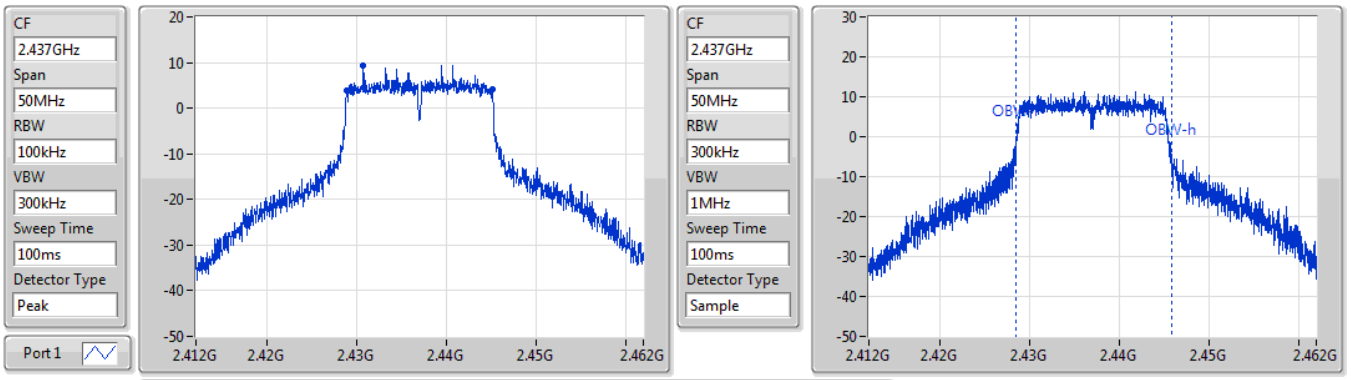


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.403825G	2.42015G	16.642M	2.403654G	2.420296G	500k	1

802.11g_Nss1,(6Mbps)_1TX EBW

2437MHz

11/05/2021

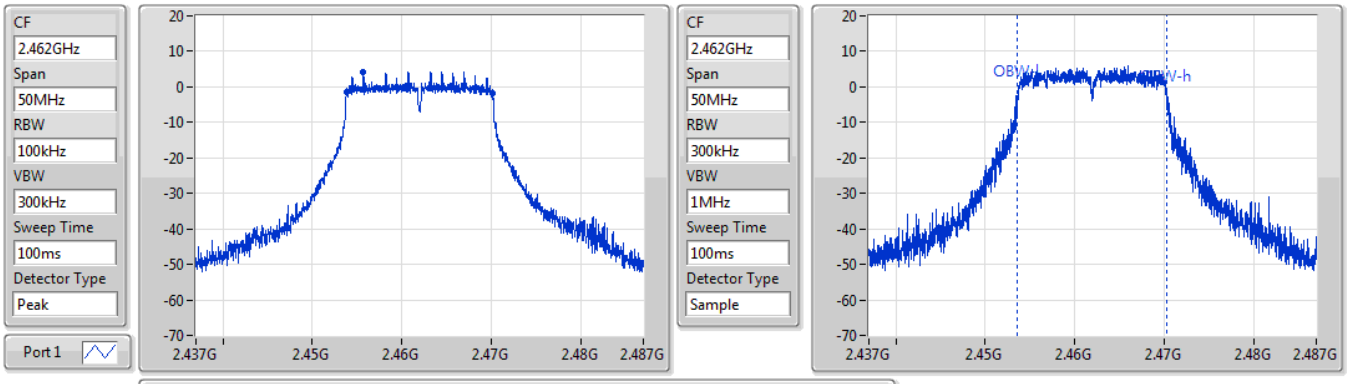


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.428825G	2.445125G	17.366M	2.428454G	2.445821G	500k	1

802.11g_Nss1,(6Mbps)_1TX EBW

2462MHz

11/05/2021

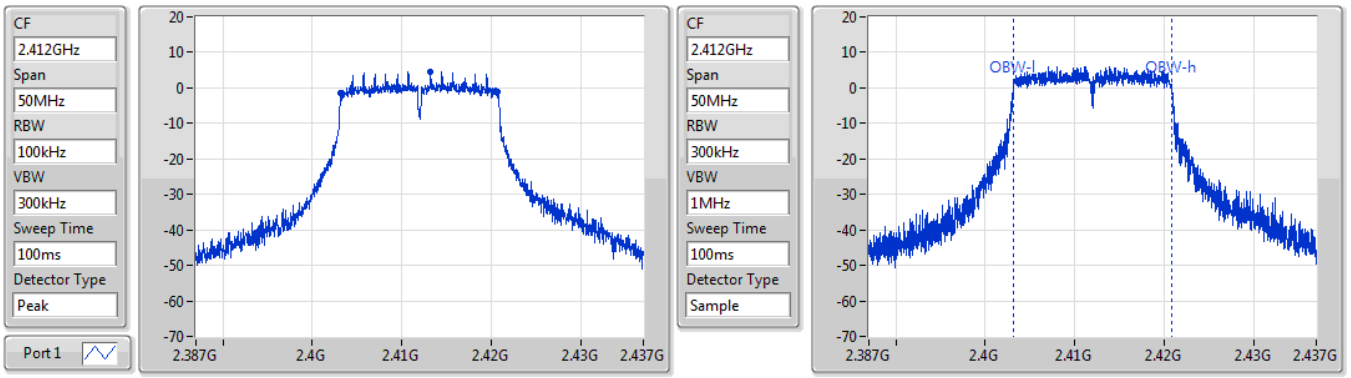


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.453825G	2.47015G	16.692M	2.453604G	2.470296G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX EBW

2412MHz

11/05/2021

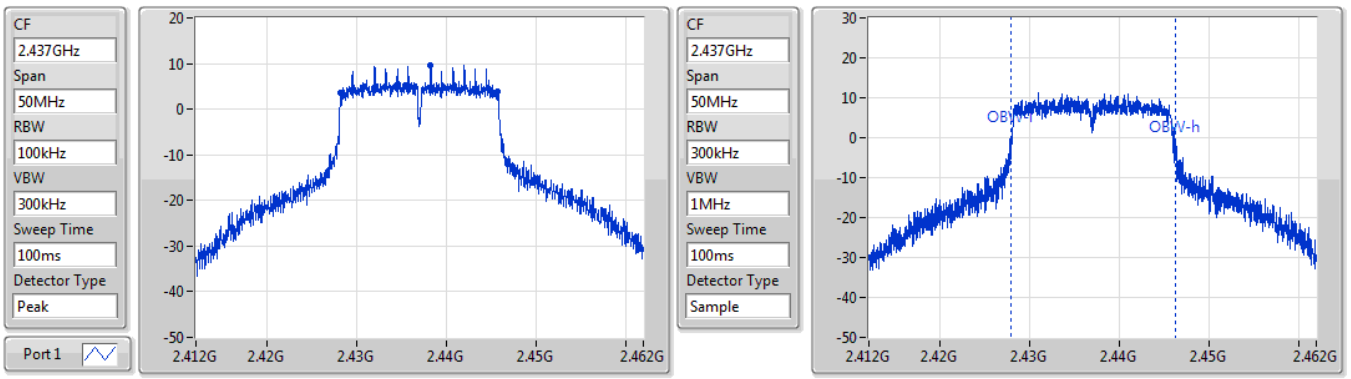


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.525M	2.4032G	2.420725G	17.766M	2.403104G	2.420871G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX EBW

2437MHz

11/05/2021

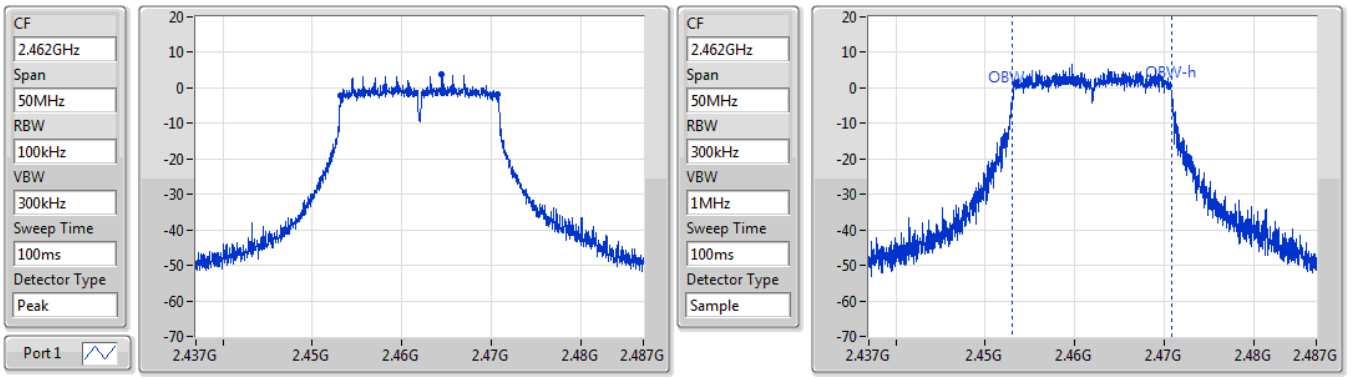


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.525M	2.4282G	2.445725G	18.391M	2.427905G	2.446295G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX EBW

2462MHz

11/05/2021

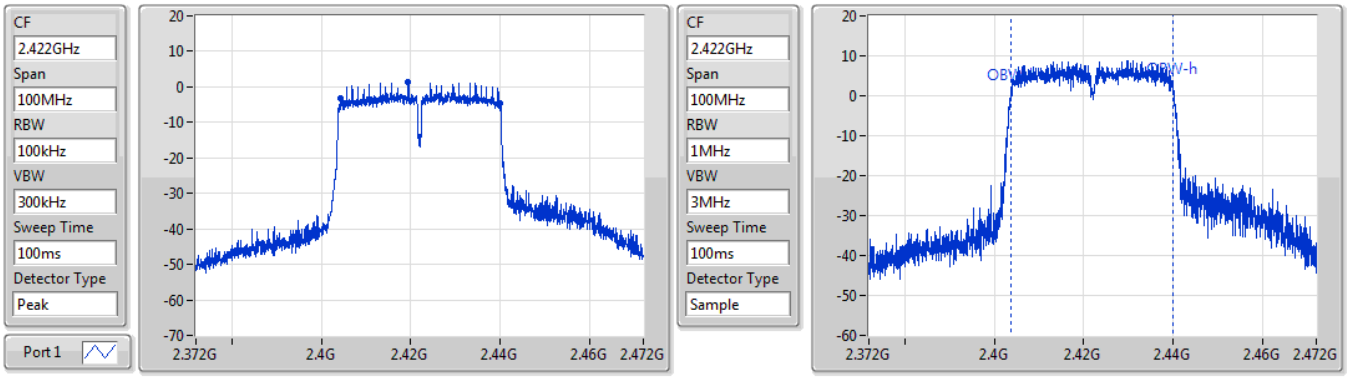


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	2.4532G	2.47075G	17.791M	2.453054G	2.470846G	500k	1

802.11n HT40_Nss1,(MCS0)_1TX EBW

2422MHz

13/05/2021

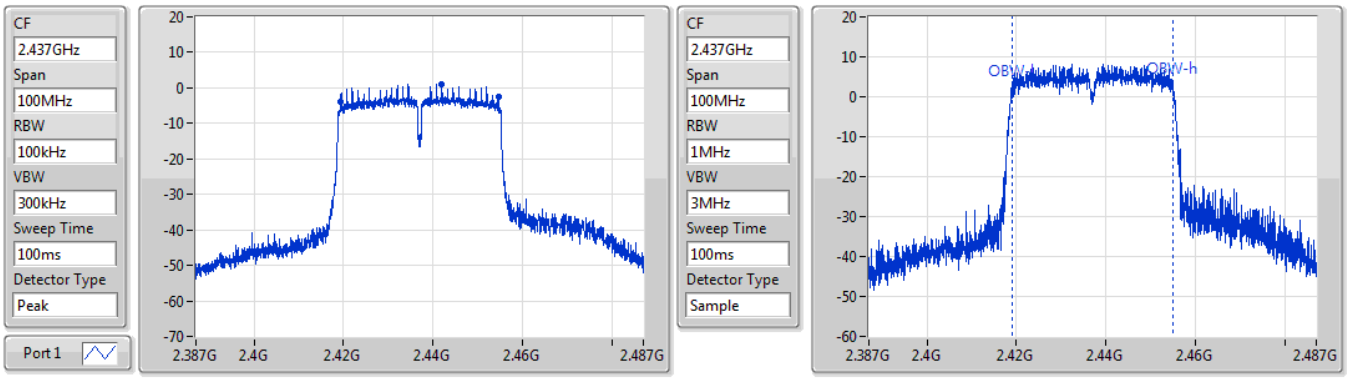


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.45M	2.4044G	2.43985G	36.232M	2.403859G	2.440091G	500k	1

802.11n HT40_Nss1,(MCS0)_1TX EBW

2437MHz

13/05/2021

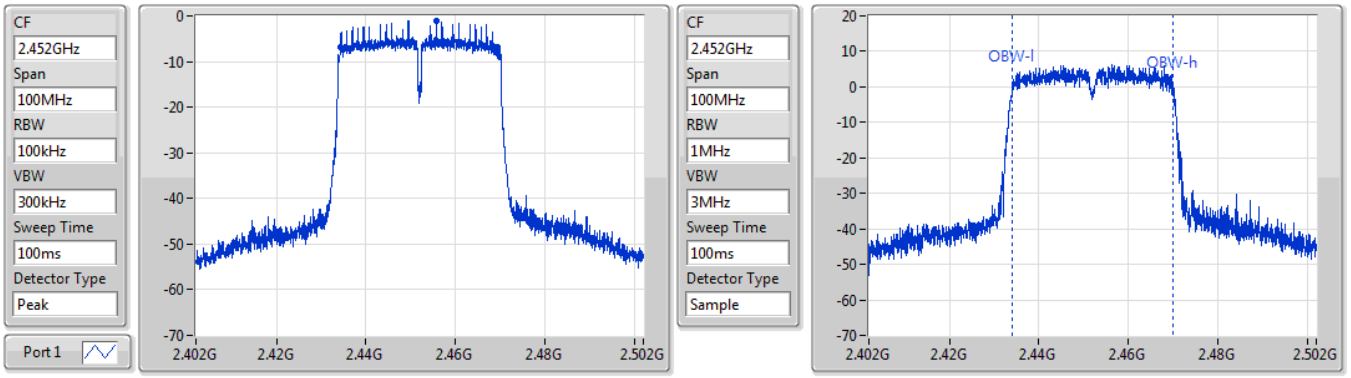


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.15M	2.4194G	2.45455G	36.132M	2.418909G	2.455041G	500k	1

802.11n HT40_Nss1,(MCS0)_1TX EBW

2452MHz

13/05/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.1M	2.4344G	2.4695G	36.032M	2.434009G	2.470041G	500k	1

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	23.79	0.23933
802.11g_Nss1,(6Mbps)_1TX	20.71	0.11776
802.11n HT20_Nss1,(MCS0)_1TX	20.72	0.11803
802.11n HT40_Nss1,(MCS0)_1TX	16.24	0.04207

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.00	20.65	20.65	30.00
2417MHz_TnomVnom	Pass	2.00	21.30	21.30	30.00
2437MHz_TnomVnom	Pass	2.00	23.79	23.79	30.00
2457MHz_TnomVnom	Pass	2.00	21.49	21.49	30.00
2462MHz_TnomVnom	Pass	2.00	20.85	20.85	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.00	16.12	16.12	30.00
2417MHz_TnomVnom	Pass	2.00	18.15	18.15	30.00
2437MHz_TnomVnom	Pass	2.00	20.71	20.71	30.00
2457MHz_TnomVnom	Pass	2.00	18.51	18.51	30.00
2462MHz_TnomVnom	Pass	2.00	15.69	15.69	30.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.00	16.01	16.01	30.00
2417MHz_TnomVnom	Pass	2.00	17.42	17.42	30.00
2437MHz_TnomVnom	Pass	2.00	20.72	20.72	30.00
2457MHz_TnomVnom	Pass	2.00	17.77	17.77	30.00
2462MHz_TnomVnom	Pass	2.00	15.14	15.14	30.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.00	16.24	16.24	30.00
2437MHz_TnomVnom	Pass	2.00	15.62	15.62	30.00
2447MHz_TnomVnom	Pass	2.00	13.74	13.74	30.00
2452MHz_TnomVnom	Pass	2.00	13.61	13.61	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-0.06
802.11g_Nss1,(6Mbps)_1TX	-5.02
802.11n HT20_Nss1,(MCS0)_1TX	-5.01
802.11n HT40_Nss1,(MCS0)_1TX	-11.81

RBW = 3kHz;

Result

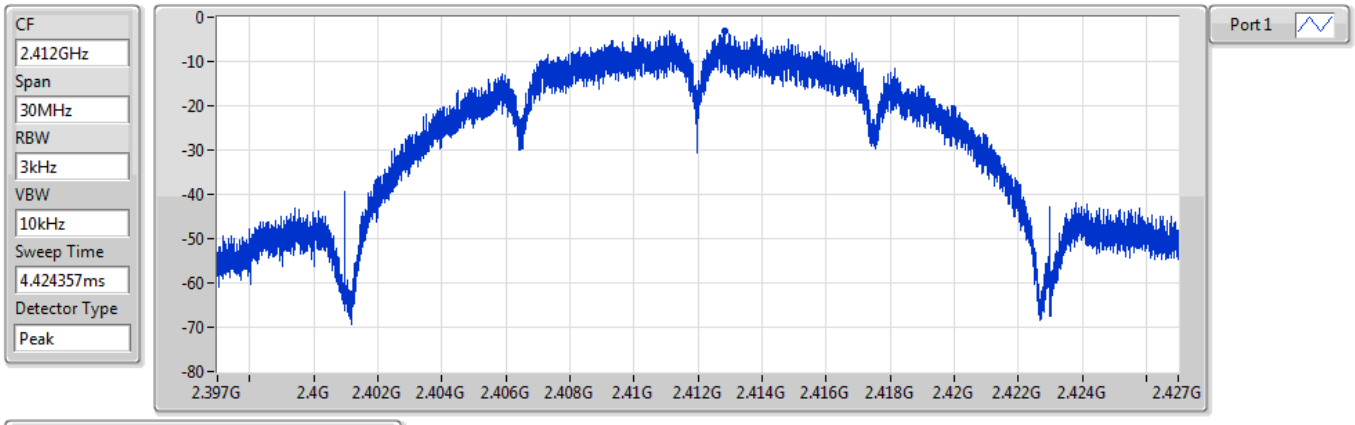
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.00	-3.21	-3.21	8.00
2437MHz_TnomVnom	Pass	2.00	-0.06	-0.06	8.00
2462MHz_TnomVnom	Pass	2.00	-2.74	-2.74	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.00	-10.35	-10.35	8.00
2437MHz_TnomVnom	Pass	2.00	-5.02	-5.02	8.00
2462MHz_TnomVnom	Pass	2.00	-10.05	-10.05	8.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.00	-8.95	-8.95	8.00
2437MHz_TnomVnom	Pass	2.00	-5.01	-5.01	8.00
2462MHz_TnomVnom	Pass	2.00	-8.88	-8.88	8.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.00	-11.81	-11.81	8.00
2437MHz_TnomVnom	Pass	2.00	-12.19	-12.19	8.00
2452MHz_TnomVnom	Pass	2.00	-15.78	-15.78	8.00

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

802.11b_Nss1,(1Mbps)_1TX PSD

2412MHz

11/05/2021

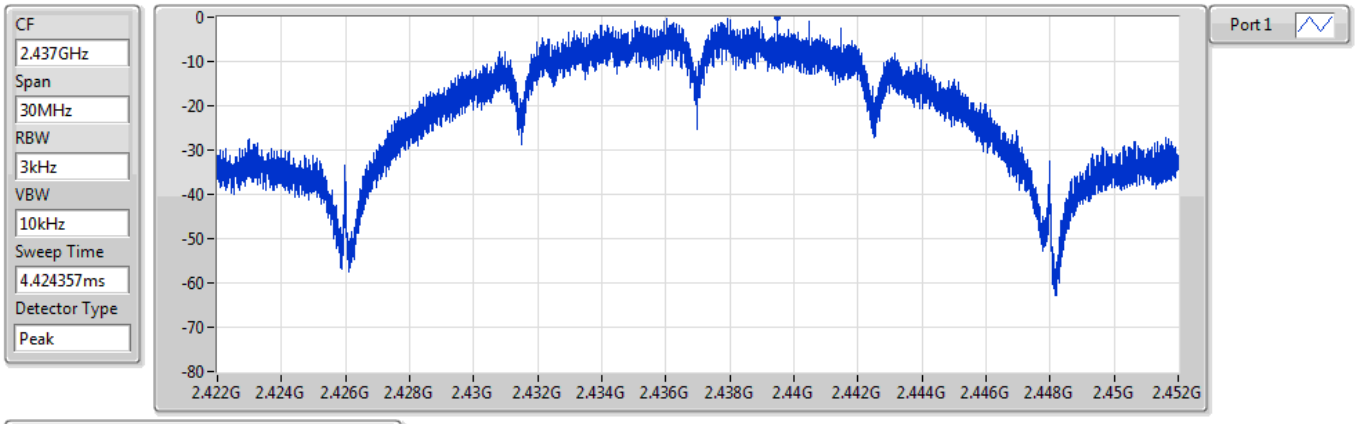


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.21	-3.21	-3.21

802.11b_Nss1,(1Mbps)_1TX PSD

2437MHz

11/05/2021

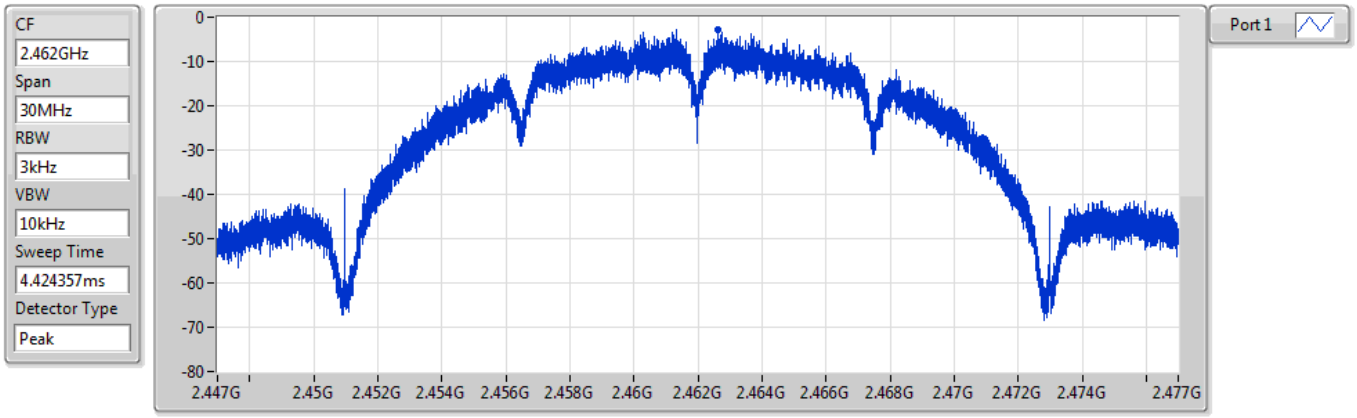


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.06	-0.06	-0.06

802.11b_Nss1,(1Mbps)_1TX PSD

2462MHz

11/05/2021

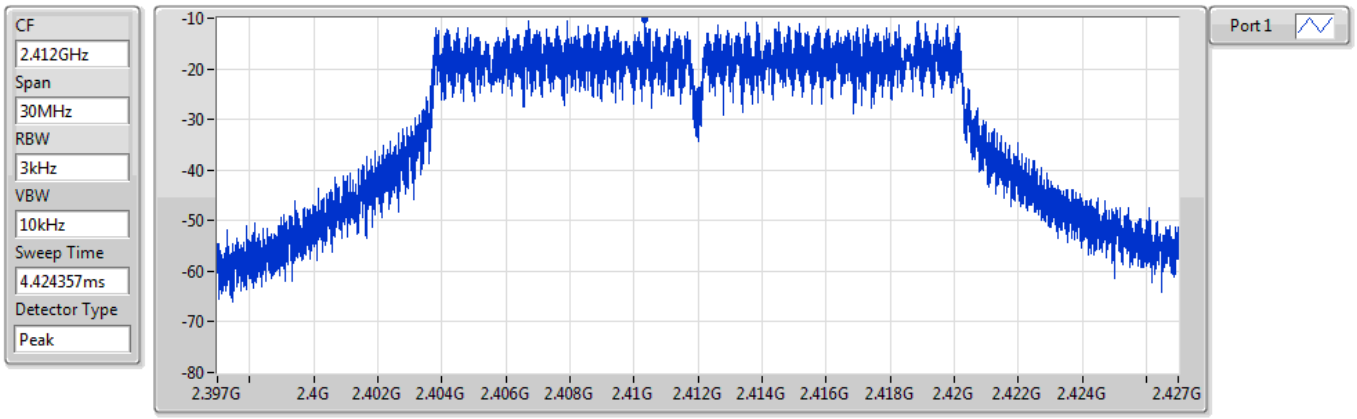


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.74	-2.74	-2.74

802.11g_Nss1,(6Mbps)_1TX PSD

2412MHz

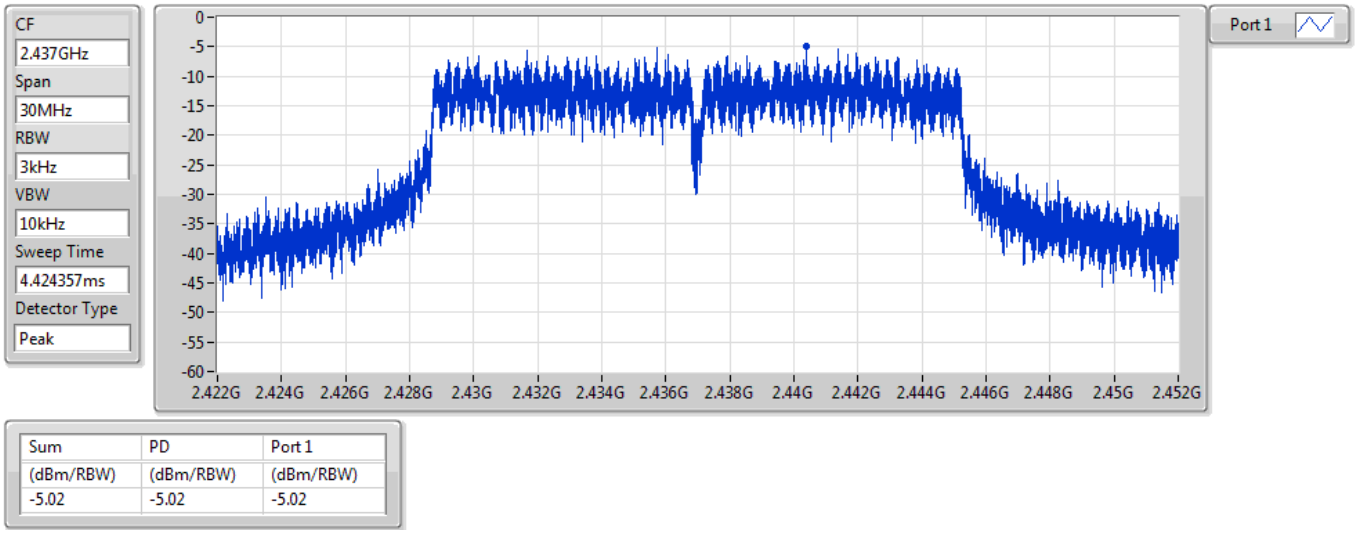
11/05/2021



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.35	-10.35	-10.35

802.11g_Nss1,(6Mbps)_1TX PSD

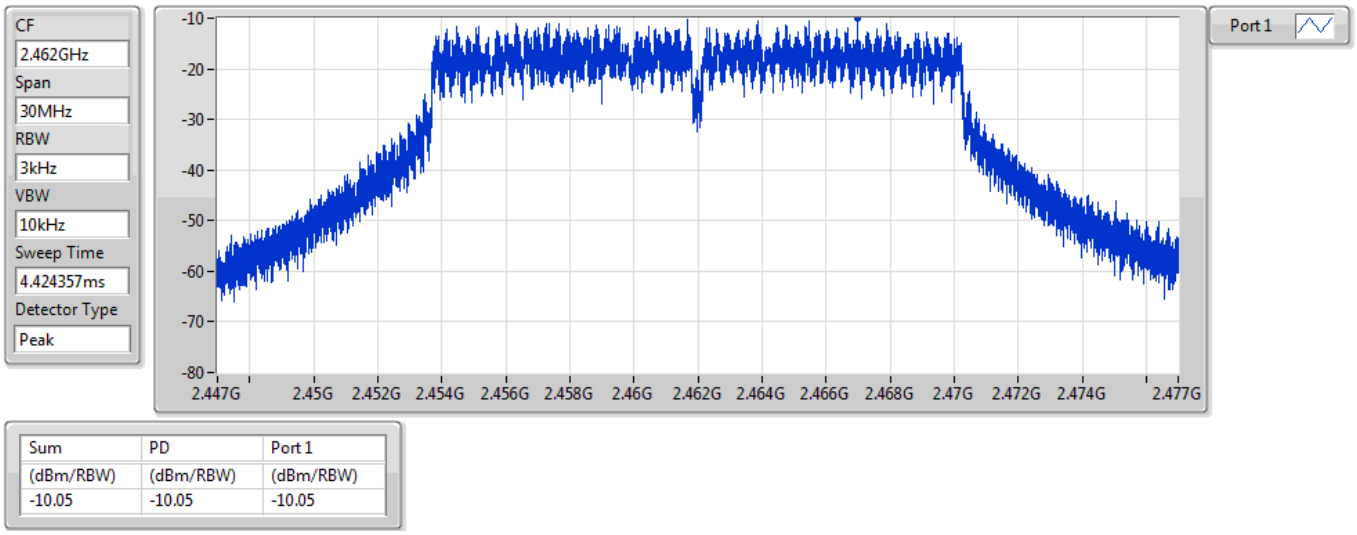
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.02	-5.02	-5.02

802.11g_Nss1,(6Mbps)_1TX PSD

2462MHz

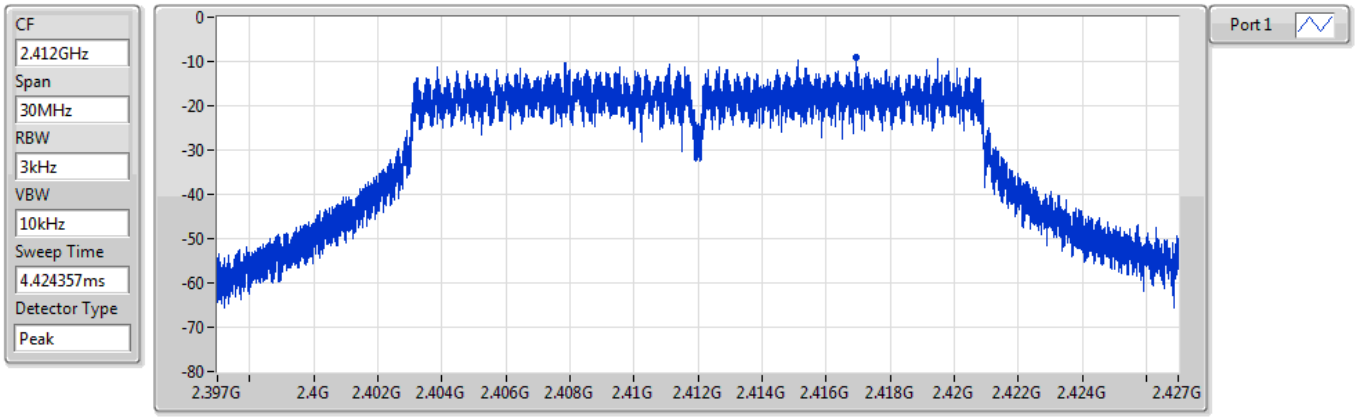


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.05	-10.05	-10.05

802.11n HT20_Nss1,(MCS0)_1TX PSD

2412MHz

11/05/2021

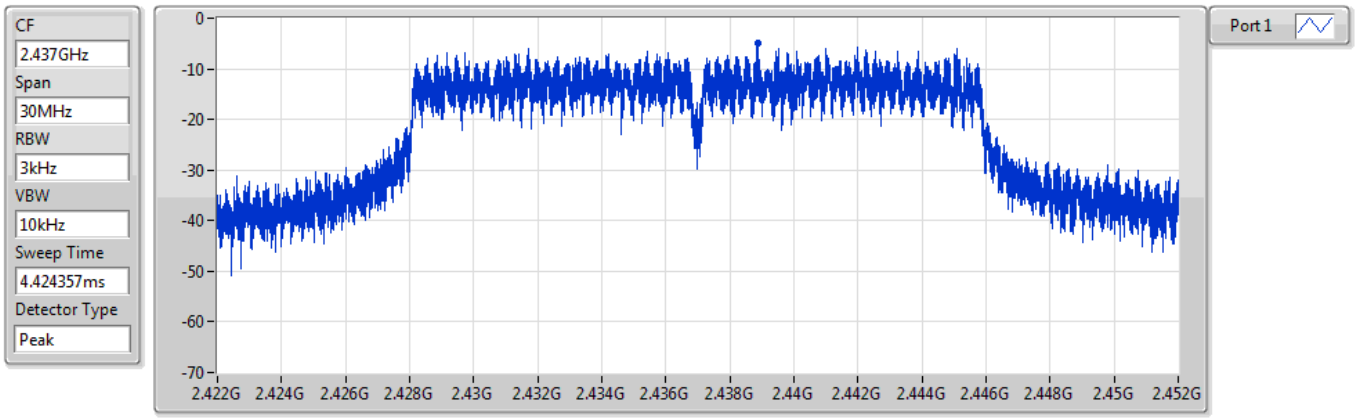


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.95	-8.95	-8.95

802.11n HT20_Nss1,(MCS0)_1TX PSD

2437MHz

11/05/2021

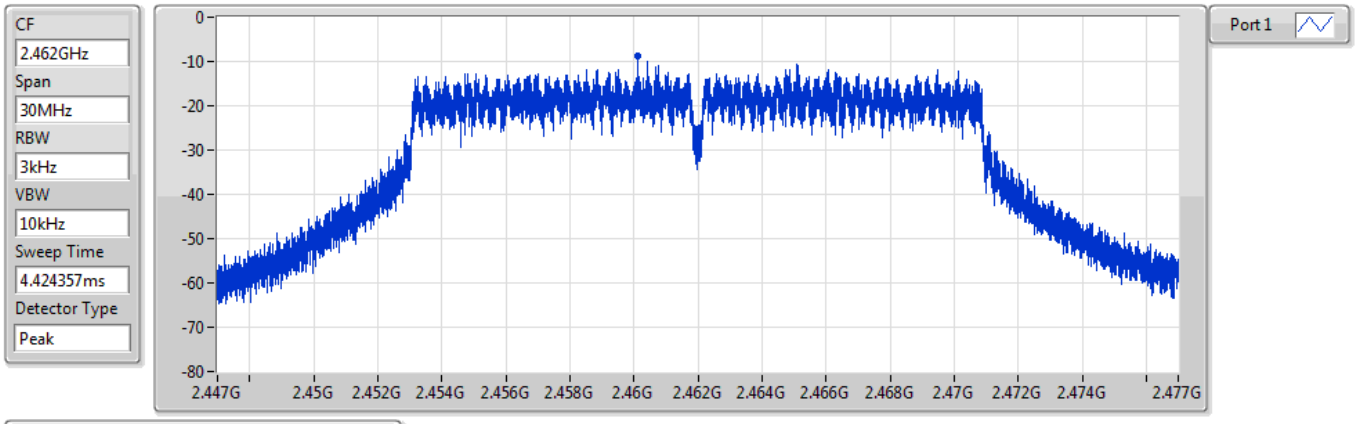


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.01	-5.01	-5.01

802.11n HT20_Nss1,(MCS0)_1TX PSD

2462MHz

11/05/2021

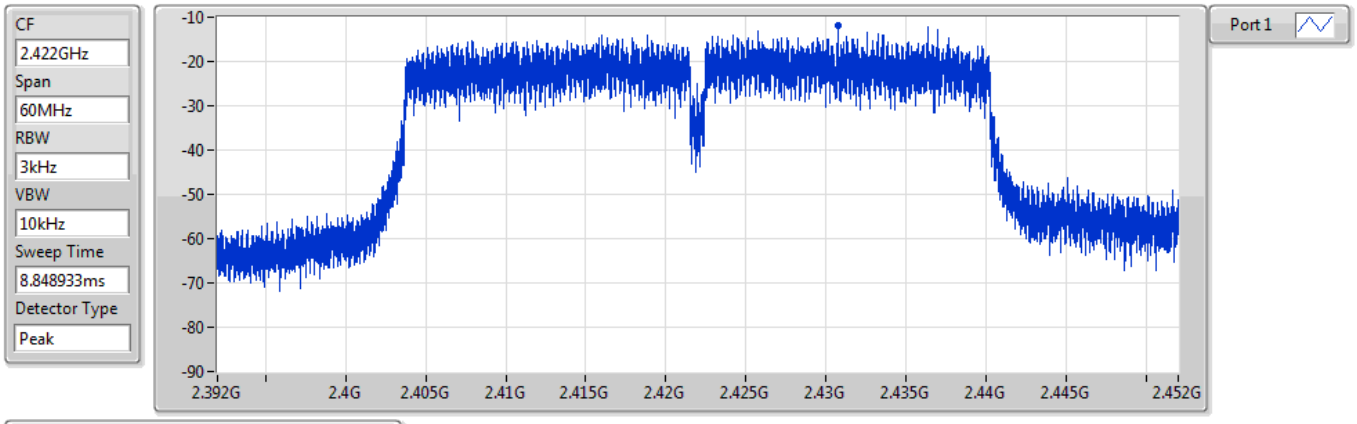


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.88	-8.88	-8.88

802.11n HT40_Nss1,(MCS0)_1TX PSD

2422MHz

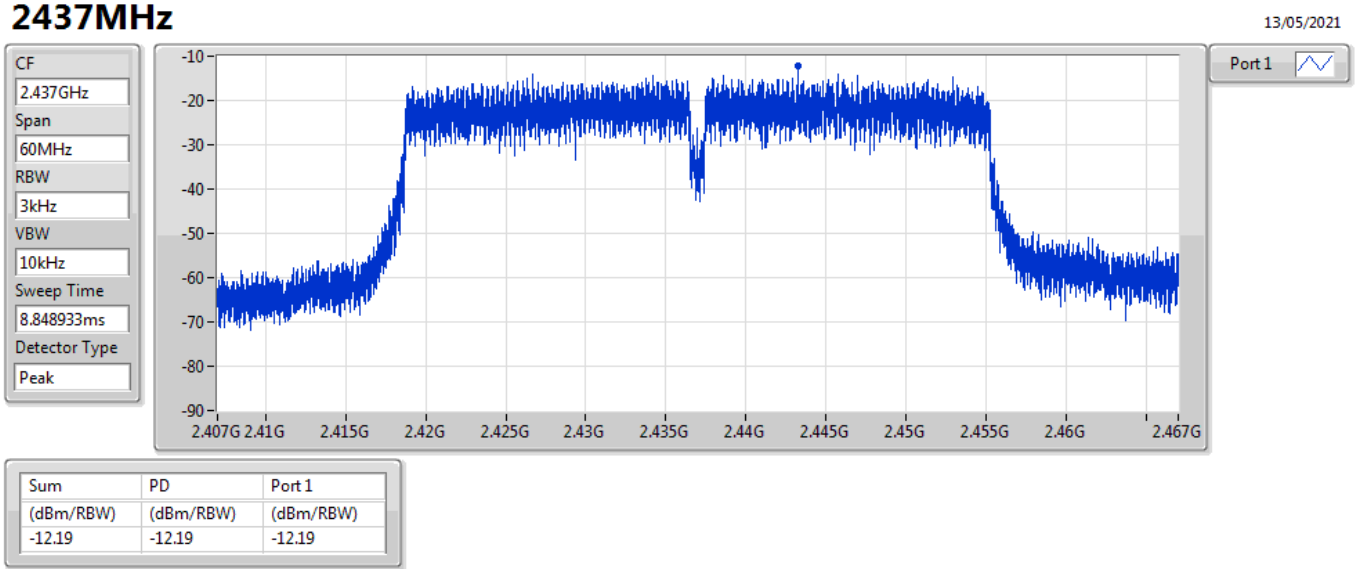
13/05/2021



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.81	-11.81	-11.81

802.11n HT40_Nss1,(MCS0)_1TX PSD

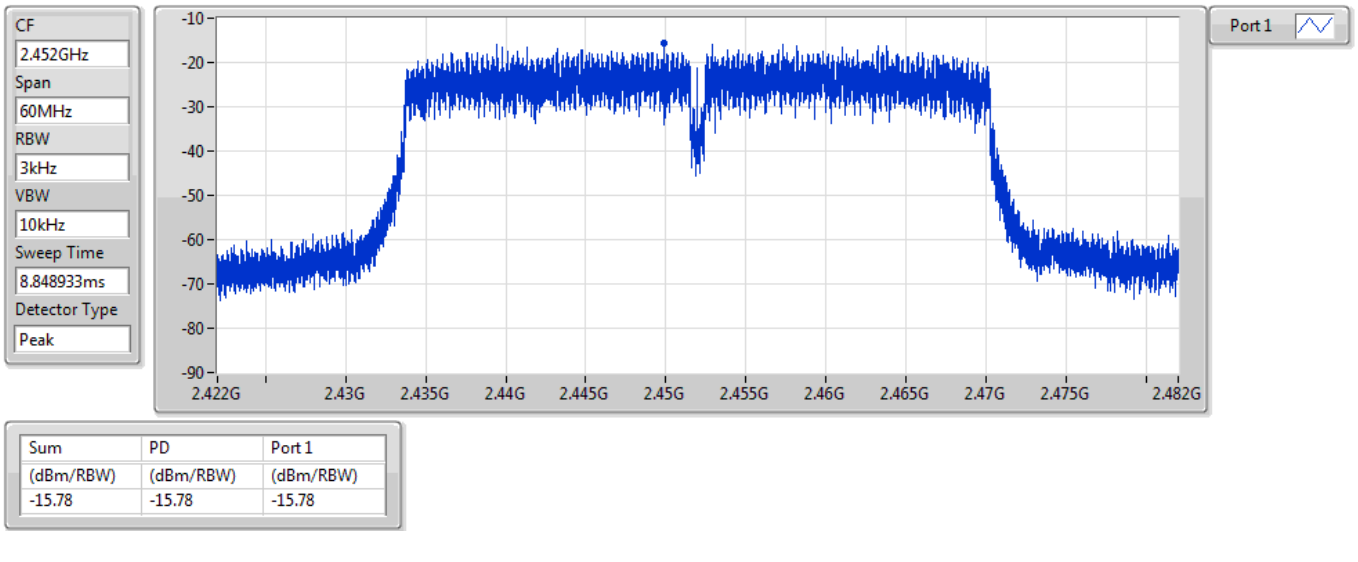
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.19	-12.19	-12.19

802.11n HT40_Nss1,(MCS0)_1TX PSD

2452MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-15.78	-15.78	-15.78

Summary

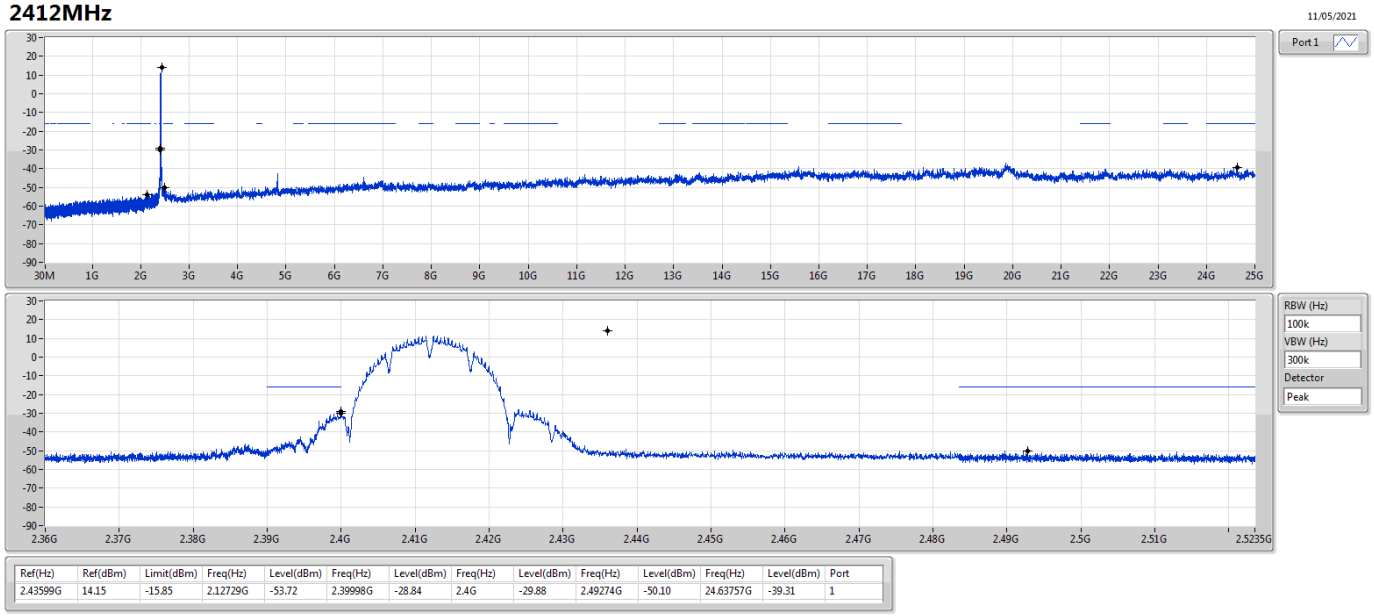
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.43599G	14.15	-15.85	2.12729G	-53.72	2.39998G	-28.84	2.4G	-29.88	2.49274G	-50.10	24.63757G	-39.31	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.43824G	9.36	-20.64	2.13457G	-53.80	2.39952G	-30.95	2.4G	-31.92	2.4974G	-50.70	24.9129G	-39.42	1
802.11n HT20_Nss1,(MCS0)_1TX	Pass	2.4395G	9.48	-20.52	2.19224G	-54.07	2.4G	-28.97	2.4G	-30.48	2.4976G	-50.83	17.57433G	-38.64	1
802.11n HT40_Nss1,(MCS0)_1TX	Pass	2.42697G	1.54	-28.46	2.15254G	-53.79	2.39952G	-38.74	2.4G	-39.55	2.48746G	-48.90	16.95651G	-39.74	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)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.43599G	14.15	-15.85	2.12729G	-53.72	2.39998G	-28.84	2.4G	-29.88	2.49274G	-50.10	24.63757G	-39.31	1
2437MHz_TnomVnom	Pass	2.43599G	14.15	-15.85	2.30233G	-53.35	2.39956G	-39.14	2.4G	-41.41	2.48498G	-42.39	23.17378G	-39.67	1
2462MHz_TnomVnom	Pass	2.43599G	14.15	-15.85	2.30961G	-53.12	2.39174G	-50.70	2.4835G	-49.55	2.48552G	-48.18	24.86795G	-39.43	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.43824G	9.36	-20.64	2.13457G	-53.80	2.39952G	-30.95	2.4G	-31.92	2.4974G	-50.70	24.9129G	-39.42	1
2437MHz_TnomVnom	Pass	2.43824G	9.36	-20.64	2.13457G	-53.85	2.39918G	-40.69	2.4G	-43.87	2.48426G	-44.36	24.89043G	-39.13	1
2462MHz_TnomVnom	Pass	2.43824G	9.36	-20.64	2.06642G	-53.35	2.39728G	-51.48	2.4835G	-47.28	2.48354G	-42.26	24.49709G	-39.65	1
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.4395G	9.48	-20.52	2.19224G	-54.07	2.4G	-28.97	2.4G	-30.48	2.4976G	-50.83	17.57433G	-38.64	1
2437MHz_TnomVnom	Pass	2.4395G	9.48	-20.52	2.30991G	-53.48	2.39764G	-40.67	2.4G	-43.24	2.48444G	-42.77	24.8539G	-39.18	1
2462MHz_TnomVnom	Pass	2.4395G	9.48	-20.52	2.10108G	-53.96	2.39538G	-52.12	2.4835G	-46.75	2.48416G	-43.88	24.87638G	-39.73	1
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.42697G	1.54	-28.46	2.15254G	-53.79	2.39952G	-38.74	2.4G	-39.55	2.48746G	-48.90	16.95651G	-39.74	1
2437MHz_TnomVnom	Pass	2.42697G	1.54	-28.46	2.17544G	-53.63	2.39912G	-44.17	2.4G	-47.65	2.48538G	-44.64	24.89623G	-39.56	1
2452MHz_TnomVnom	Pass	2.42697G	1.54	-28.46	2.15541G	-54.76	2.3926G	-51.38	2.4835G	-46.32	2.4867G	-43.78	24.89343G	-39.34	1

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

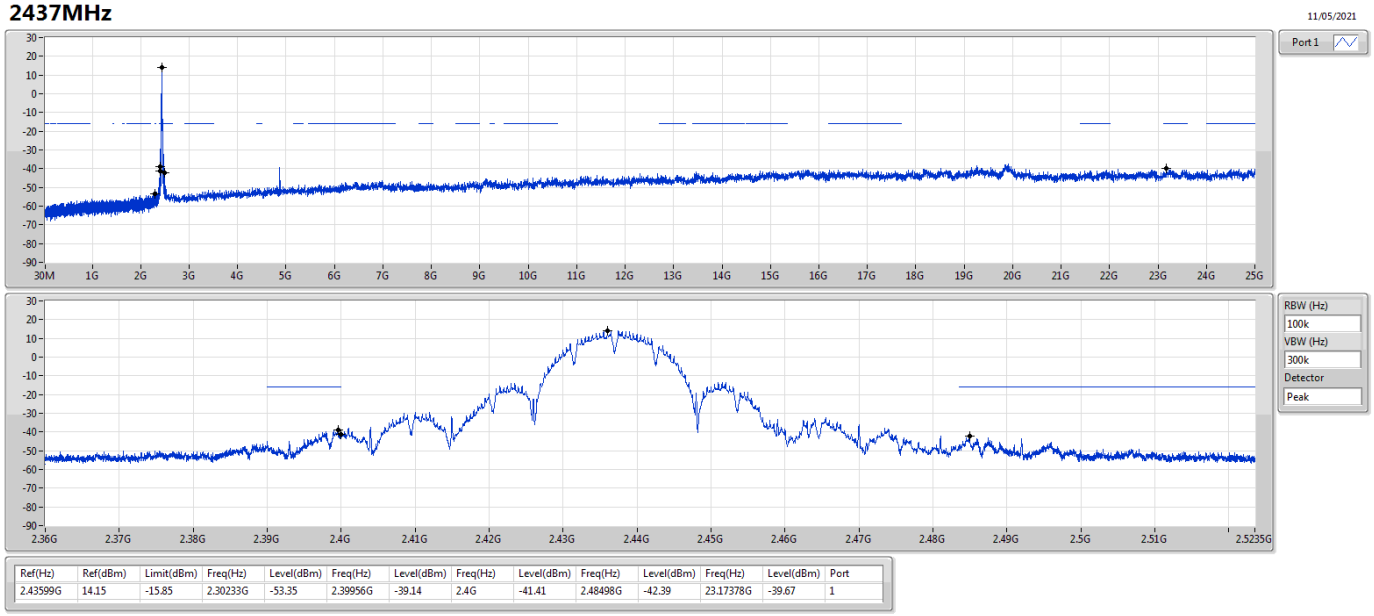
2412MHz



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
2.43599G	14.15	-15.85	2.12729G	-53.72	2.39998G	-28.84	2.4G	-29.88	2.49274G	-50.10	24.63757G	-39.31	1

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

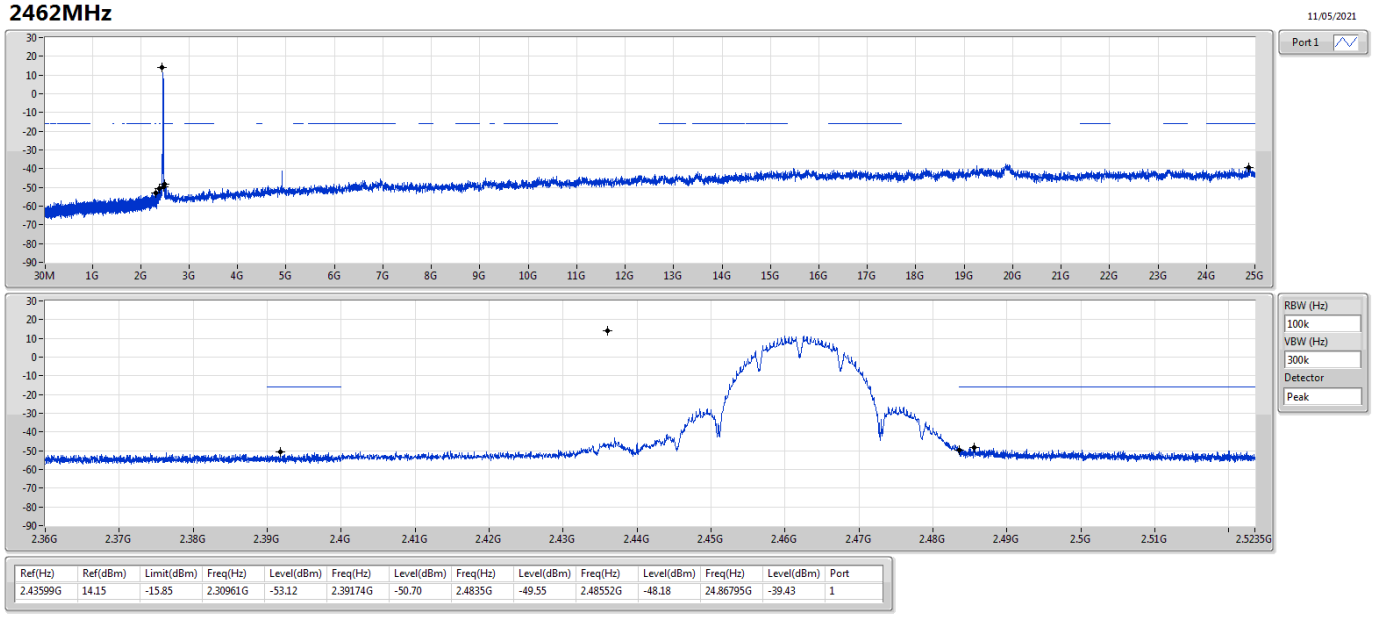
2437MHz



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
2.43599G	14.15	-15.85	2.30233G	-53.35	2.39956G	-39.14	2.4G	-41.41	2.48498G	-42.39	23.17378G	-39.67	1

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

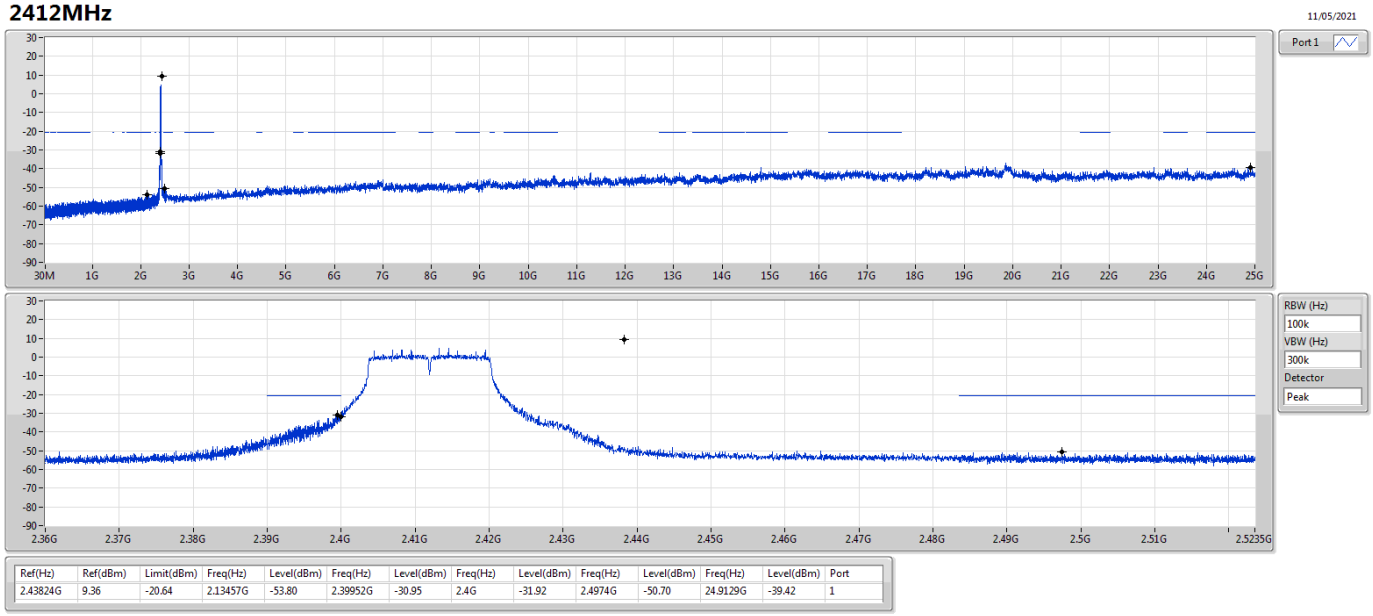
2462MHz



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
2.43599G	14.15	-15.85	2.30961G	-53.12	2.39174G	-50.70	2.4835G	-49.55	2.48552G	-48.18	24.86795G	-39.43	1

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

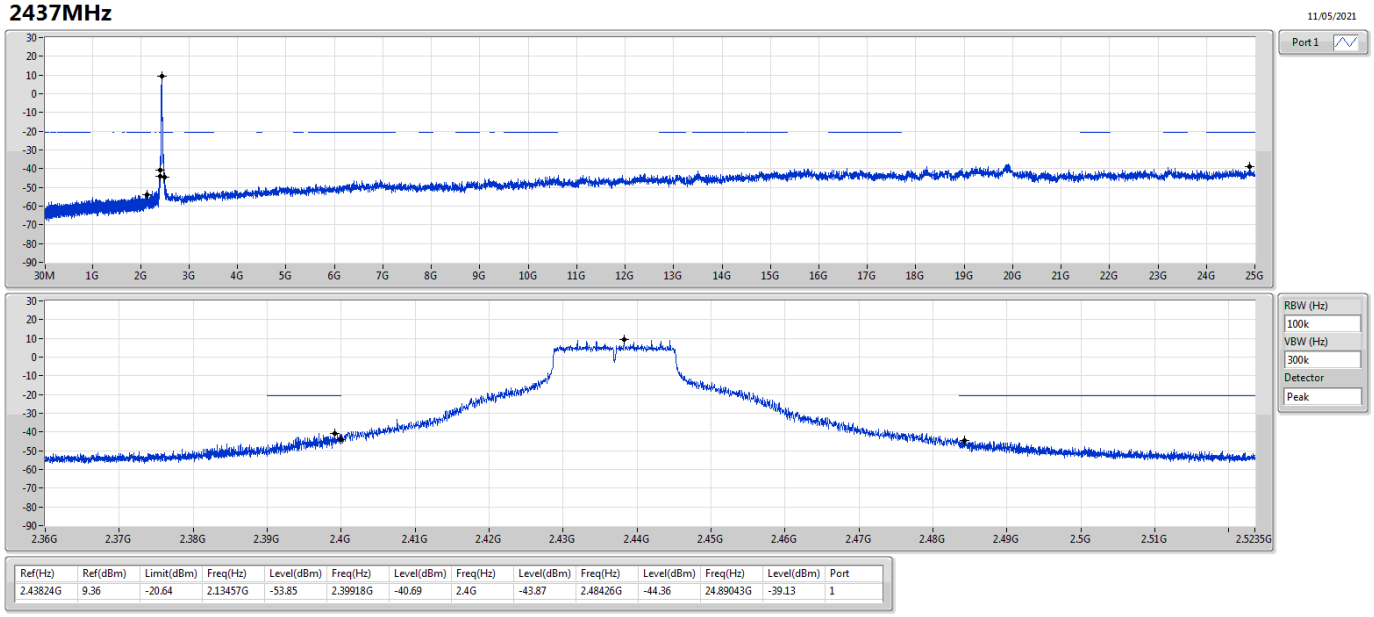
2412MHz



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
2.43824G	9.36	-20.64	2.13457G	-53.80	2.39952G	-30.95	2.4G	-31.92	2.4974G	-50.70	24.9129G	-39.42	1

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

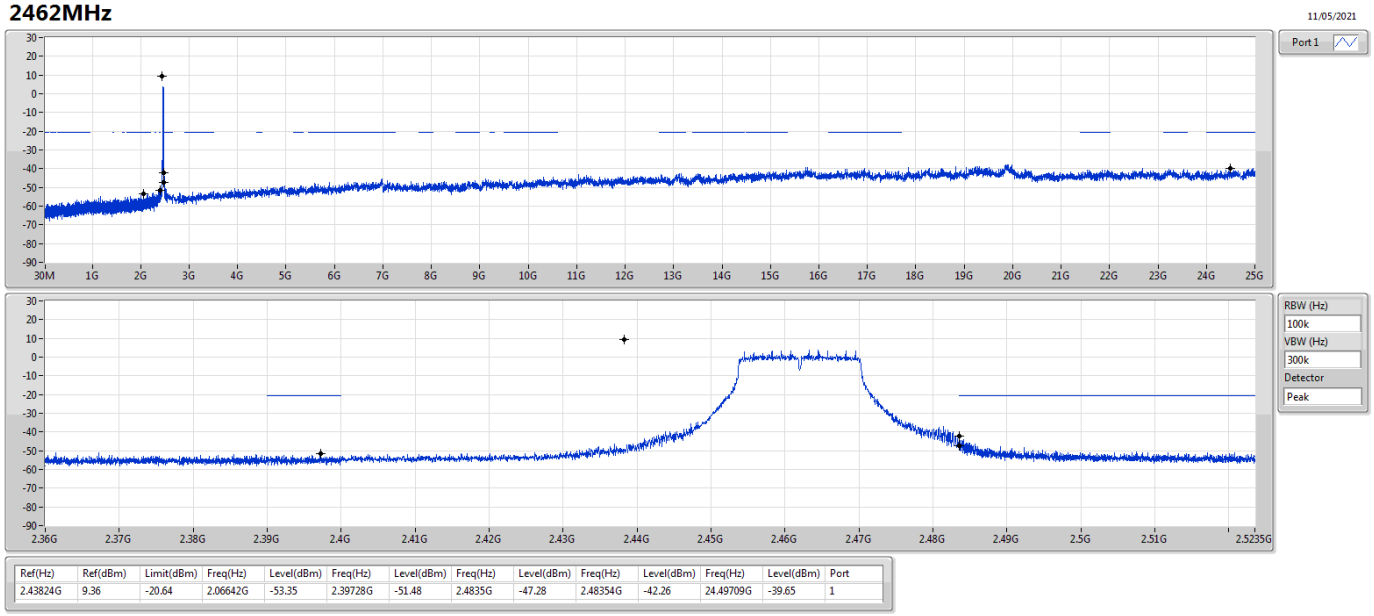
2437MHz



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
2.43824G	9.36	-20.64	2.13457G	-53.85	2.39918G	-40.69	2.4G	-43.87	2.48426G	-44.36	24.89043G	-39.13	1

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

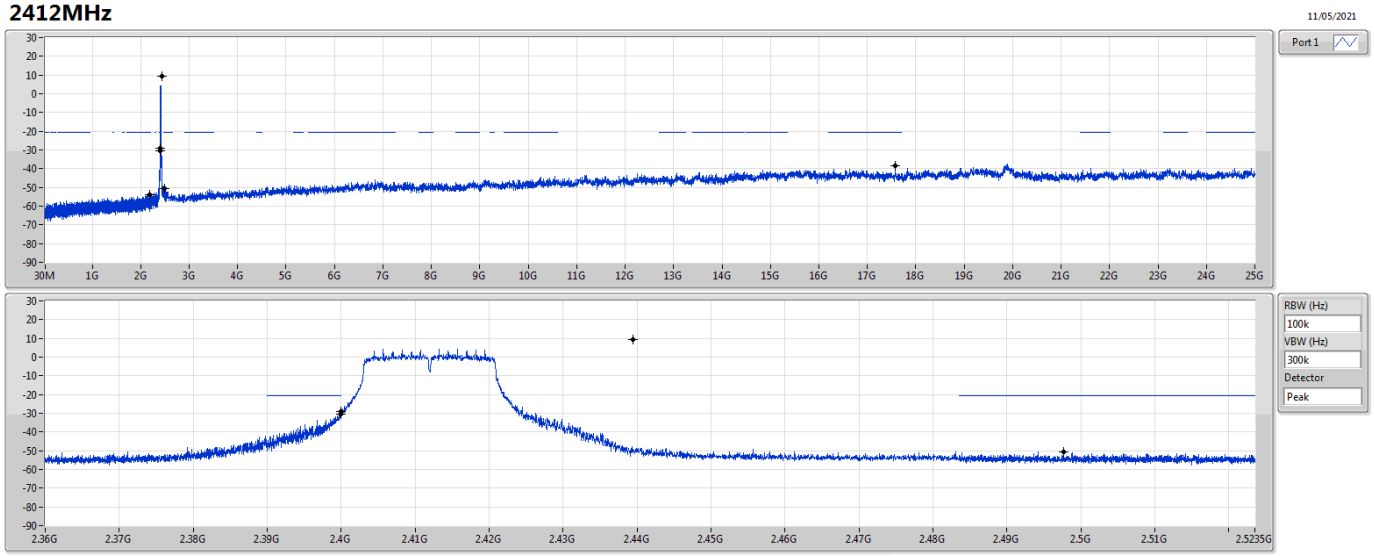
2462MHz



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
2.43824G	9.36	-20.64	2.06642G	-53.35	2.39728G	-51.48	2.4835G	-47.28	2.48354G	-42.26	24.49709G	-39.65	1

802.11n HT20_Nss1,(MCS0)_1TX **CSENdB**

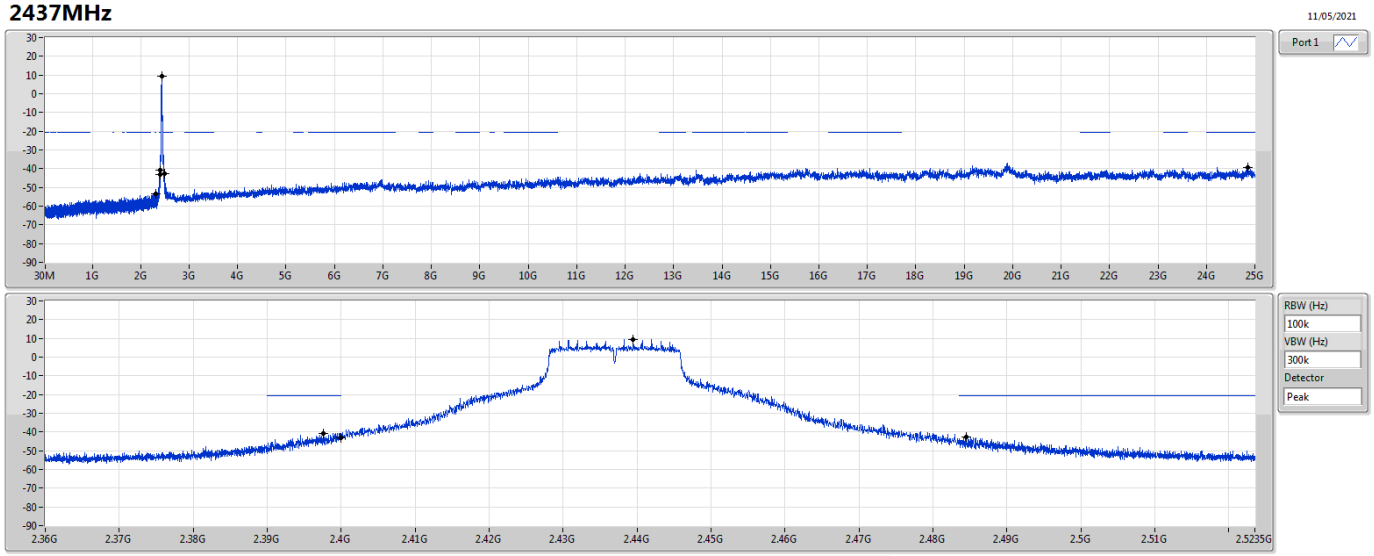
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4395G	9.48	-20.52	2.19224G	-54.07	2.4G	-28.97	2.4G	-30.48	2.4976G	-50.83	17.57433G	-38.64	1

802.11n HT20_Nss1,(MCS0)_1TX **CSENdB**

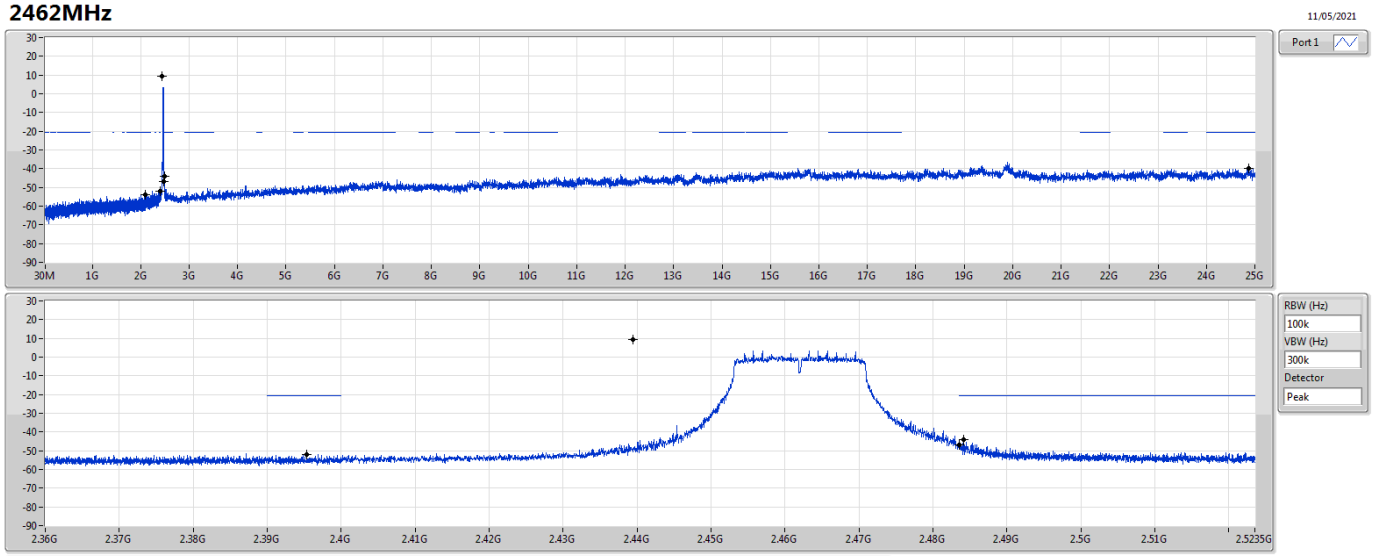
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4395G	9.48	-20.52	2.30991G	-53.48	2.39764G	-40.67	2.4G	-43.24	2.48444G	-42.77	24.8539G	-39.18	1

802.11n HT20_Nss1,(MCS0)_1TX **CSENdB**

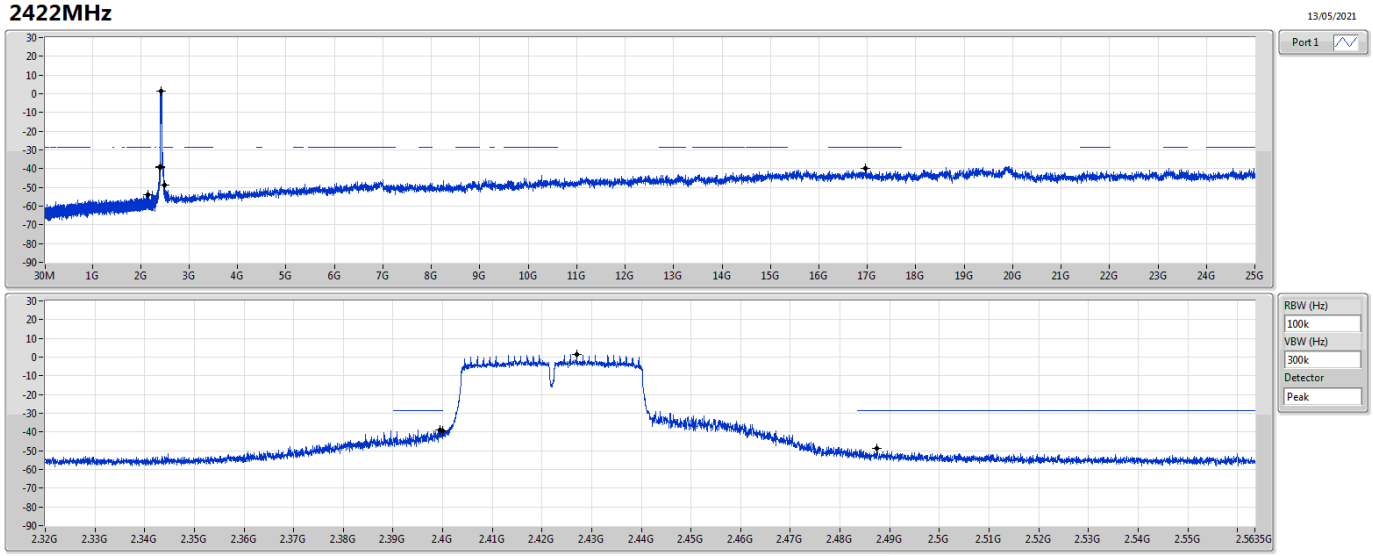
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4395G	9.48	-20.52	2.10108G	-53.96	2.39538G	-52.12	2.4835G	-46.75	2.48416G	-43.88	24.87638G	-39.73	1

802.11n HT40_Nss1,(MCS0)_1TX **CSENdB**

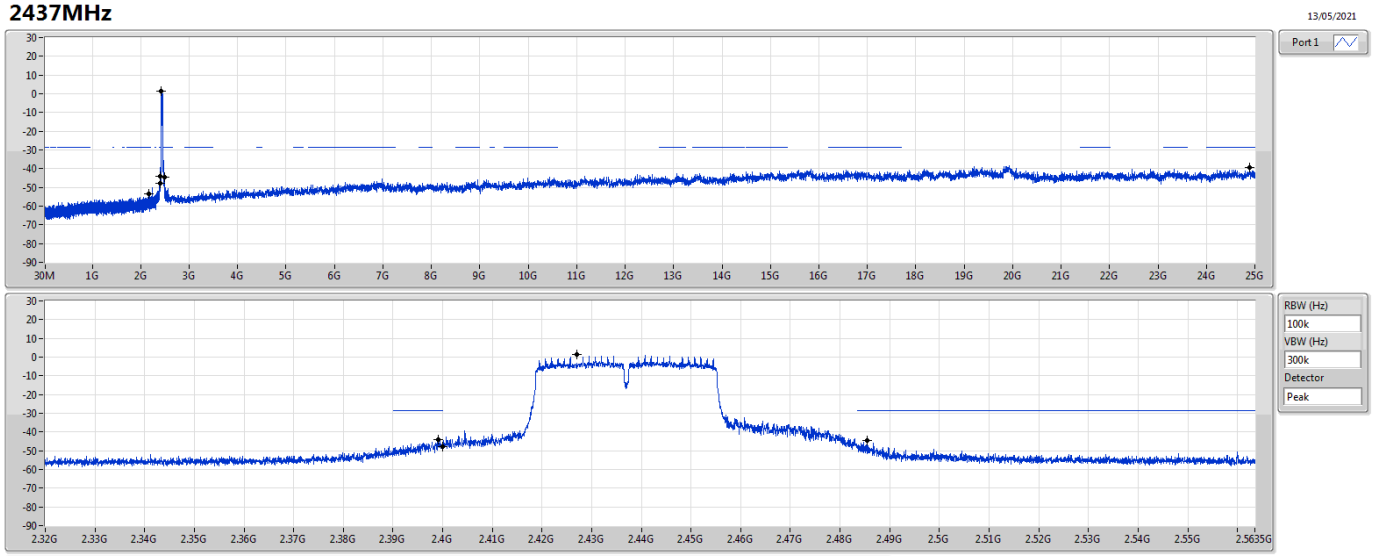
2422MHz



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
2.42697G	1.54	-28.46	2.15254G	-53.79	2.39952G	-38.74	2.4G	-39.55	2.48746G	-48.90	16.95651G	-39.74	1

802.11n HT40_Nss1,(MCS0)_1TX **CSENdB**

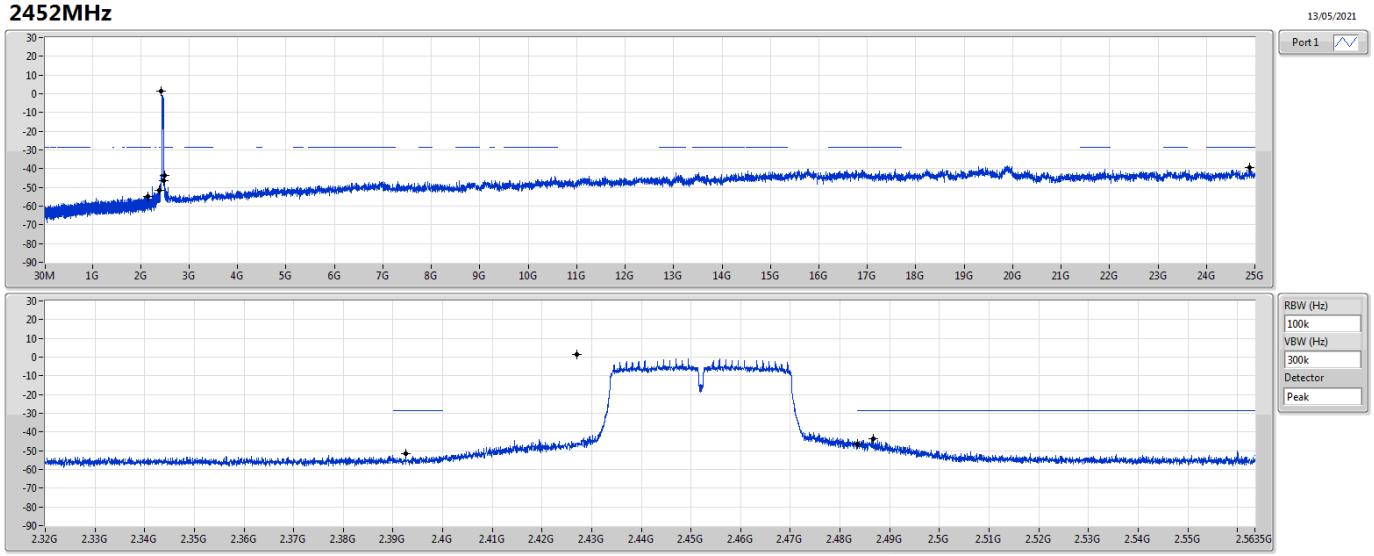
2437MHz



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
2.42697G	1.54	-28.46	2.17544G	-53.63	2.39912G	-44.17	2.4G	-47.65	2.48538G	-44.64	24.89623G	-39.56	1

802.11n HT40_Nss1,(MCS0)_1TX **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
2.42697G	1.54	-28.46	2.15541G	-54.76	2.3926G	-51.38	2.4835G	-46.32	2.4867G	-43.78	24.89343G	-39.34	1

Summary

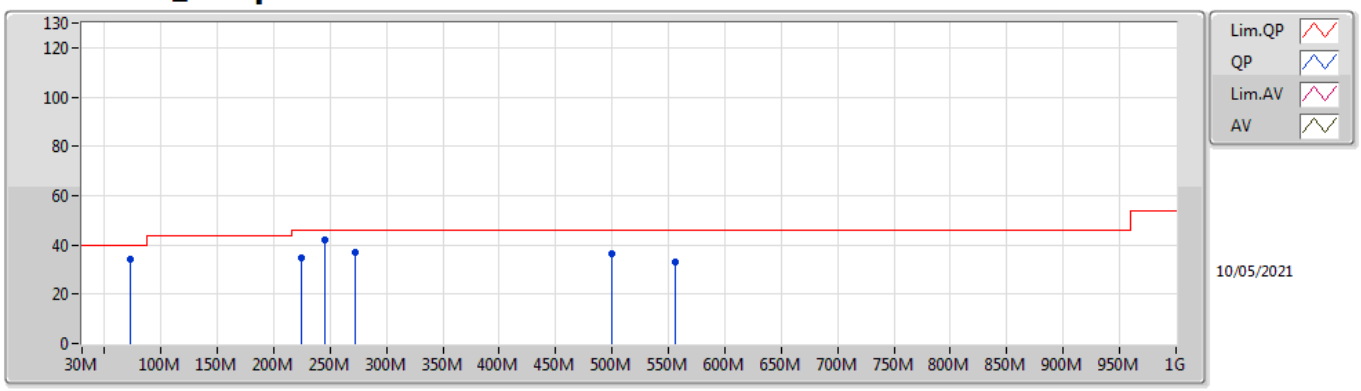
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	PK	245.34M	42.18	46.00	-3.82	3	Vertical	360	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	72.68M	34.11	40.00	-5.89	3	Vertical	360	1.00	-
2437MHz	Pass	PK	245.34M	42.18	46.00	-3.82	3	Vertical	360	1.00	-
2437MHz	Pass	PK	272.5M	37.18	46.00	-8.82	3	Vertical	360	1.00	-
2437MHz	Pass	PK	499.48M	36.40	46.00	-9.60	3	Vertical	360	1.00	-
2437MHz	Pass	PK	555.74M	32.99	46.00	-13.01	3	Vertical	360	1.00	-
2437MHz	Pass	QP	224M	34.56	46.00	-11.44	3	Vertical	295	2.57	-
2437MHz	Pass	PK	64.92M	22.46	40.00	-17.54	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	212.36M	27.43	43.50	-16.07	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	278.32M	38.07	46.00	-7.93	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	289.96M	37.68	46.00	-8.32	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	499.48M	38.16	46.00	-7.84	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	749.74M	36.61	46.00	-9.39	3	Horizontal	0	1.00	-

802.11n HT40_Nss1,(MCS0)_1TX

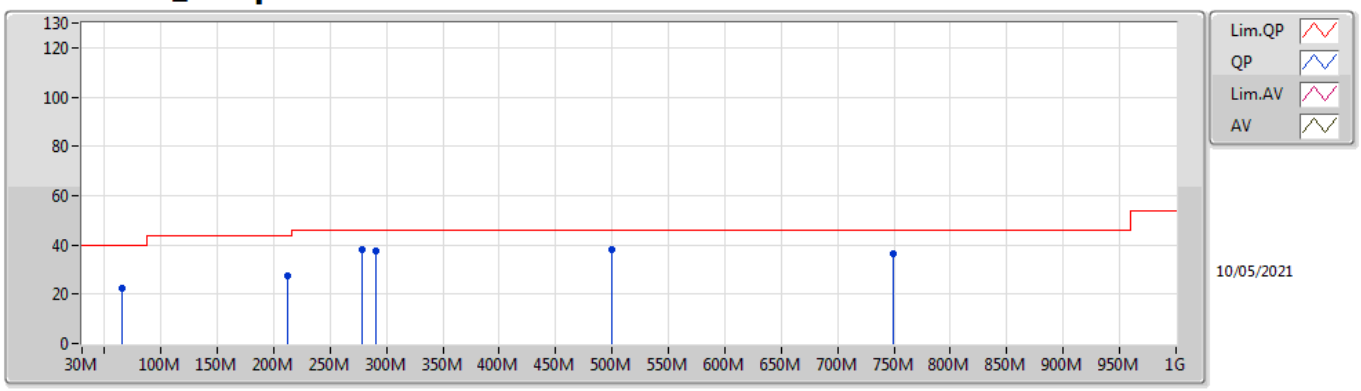
2437MHz_Adapter



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	72.68M	34.11	40.00	-5.89	-24.58	3	Vertical	360	1.00	-	58.69	11.52	0.85	36.95
PK	245.34M	42.18	46.00	-3.82	-17.85	3	Vertical	360	1.00	-	60.03	17.05	1.48	36.38
PK	272.5M	37.18	46.00	-8.82	-16.85	3	Vertical	360	1.00	-	54.03	17.98	1.58	36.41
PK	499.48M	36.40	46.00	-9.60	-11.51	3	Vertical	360	1.00	-	47.91	23.25	2.23	36.99
PK	555.74M	32.99	46.00	-13.01	-9.57	3	Vertical	360	1.00	-	42.56	25.12	2.39	37.08
QP	224M	34.56	46.00	-11.44	-20.22	3	Vertical	295	2.57	-	54.78	14.70	1.41	36.33

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	64.92M	22.46	40.00	-17.54	-25.30	3	Horizontal	0	1.00	-	47.76	10.91	0.82	37.03
PK	212.36M	27.43	43.50	-16.07	-20.77	3	Horizontal	0	1.00	-	48.20	14.17	1.36	36.30
PK	278.32M	38.07	46.00	-7.93	-16.97	3	Horizontal	0	1.00	-	55.04	17.85	1.60	36.42
PK	289.96M	37.68	46.00	-8.32	-16.64	3	Horizontal	0	1.00	-	54.32	18.15	1.64	36.43
PK	499.48M	38.16	46.00	-7.84	-11.51	3	Horizontal	0	1.00	-	49.67	23.25	2.23	36.99
PK	749.74M	36.61	46.00	-9.39	-7.60	3	Horizontal	0	1.00	-	44.21	27.22	2.79	37.61

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	AV	2.3872G	53.38	54.00	-0.62	3	Vertical	80	2.13	-
802.11g_Nss1,(6Mbps)_1TX	Pass	AV	2.4835G	53.77	54.00	-0.23	3	Vertical	354	2.05	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	2.4835G	53.92	54.00	-0.08	3	Vertical	96	1.38	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	AV	2.39G	53.89	54.00	-0.11	3	Vertical	0	2.62	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3872G	53.38	54.00	-0.62	3	Vertical	80	2.13	-
2412MHz	Pass	AV	2.4112G	108.88	Inf	-Inf	3	Vertical	80	2.13	-
2412MHz	Pass	PK	2.3874G	62.74	74.00	-11.26	3	Vertical	80	2.13	-
2412MHz	Pass	PK	2.4116G	111.77	Inf	-Inf	3	Vertical	80	2.13	-
2412MHz	Pass	AV	2.3872G	46.55	54.00	-7.45	3	Horizontal	230	1.00	-
2412MHz	Pass	AV	2.4128G	102.23	Inf	-Inf	3	Horizontal	230	1.00	-
2412MHz	Pass	PK	2.3868G	58.12	74.00	-15.88	3	Horizontal	230	1.00	-
2412MHz	Pass	PK	2.4118G	104.98	Inf	-Inf	3	Horizontal	230	1.00	-
2412MHz	Pass	AV	4.82398G	43.82	54.00	-10.18	3	Vertical	301	2.16	-
2412MHz	Pass	PK	4.824G	49.05	74.00	-24.95	3	Vertical	301	2.16	-
2412MHz	Pass	AV	4.82398G	44.62	54.00	-9.38	3	Horizontal	31	1.13	-
2412MHz	Pass	PK	4.82385G	49.19	74.00	-24.81	3	Horizontal	31	1.13	-
2417MHz	Pass	AV	2.39G	51.89	54.00	-2.11	3	Vertical	89	2.37	-
2417MHz	Pass	AV	2.4162G	108.96	Inf	-Inf	3	Vertical	89	2.37	-
2417MHz	Pass	PK	2.3898G	60.64	74.00	-13.36	3	Vertical	89	2.37	-
2417MHz	Pass	PK	2.4184G	111.43	Inf	-Inf	3	Vertical	89	2.37	-
2417MHz	Pass	AV	2.39G	45.54	54.00	-8.46	3	Horizontal	129	2.60	-
2417MHz	Pass	AV	2.4162G	102.86	Inf	-Inf	3	Horizontal	129	2.60	-
2417MHz	Pass	PK	2.3894G	56.87	74.00	-17.13	3	Horizontal	129	2.60	-
2417MHz	Pass	PK	2.4172G	105.49	Inf	-Inf	3	Horizontal	129	2.60	-
2437MHz	Pass	AV	2.3898G	49.94	54.00	-4.06	3	Vertical	0	1.82	-
2437MHz	Pass	AV	2.4378G	110.98	Inf	-Inf	3	Vertical	0	1.82	-
2437MHz	Pass	AV	2.4846G	53.03	54.00	-0.97	3	Vertical	0	1.82	-
2437MHz	Pass	PK	2.389G	59.22	74.00	-14.78	3	Vertical	0	1.82	-
2437MHz	Pass	PK	2.4378G	113.79	Inf	-Inf	3	Vertical	0	1.82	-
2437MHz	Pass	PK	2.4846G	60.94	74.00	-13.06	3	Vertical	0	1.82	-
2437MHz	Pass	AV	2.3886G	44.80	54.00	-9.20	3	Horizontal	126	2.57	-
2437MHz	Pass	AV	2.4382G	104.92	Inf	-Inf	3	Horizontal	126	2.57	-
2437MHz	Pass	AV	2.4846G	46.76	54.00	-7.24	3	Horizontal	126	2.57	-
2437MHz	Pass	PK	2.351G	57.13	74.00	-16.87	3	Horizontal	126	2.57	-
2437MHz	Pass	PK	2.4378G	107.58	Inf	-Inf	3	Horizontal	126	2.57	-
2437MHz	Pass	PK	2.4838G	58.36	74.00	-15.64	3	Horizontal	126	2.57	-
2437MHz	Pass	AV	4.87399G	47.47	54.00	-6.53	3	Vertical	39	1.61	-
2437MHz	Pass	AV	7.31168G	50.55	54.00	-3.45	3	Vertical	28	1.50	-
2437MHz	Pass	PK	4.87393G	51.30	74.00	-22.70	3	Vertical	39	1.61	-
2437MHz	Pass	PK	7.31158G	56.04	74.00	-17.96	3	Vertical	28	1.50	-
2437MHz	Pass	AV	4.87397G	51.80	54.00	-2.20	3	Horizontal	36	1.13	-
2437MHz	Pass	AV	7.31169G	49.03	54.00	-4.97	3	Horizontal	150	1.50	-
2437MHz	Pass	PK	4.87385G	54.24	74.00	-19.76	3	Horizontal	36	1.13	-
2437MHz	Pass	PK	7.30987G	55.14	74.00	-18.86	3	Horizontal	150	1.50	-
2457MHz	Pass	AV	2.4562G	109.93	Inf	-Inf	3	Vertical	356	2.05	-
2457MHz	Pass	AV	2.4835G	52.58	54.00	-1.42	3	Vertical	356	2.05	-
2457MHz	Pass	PK	2.4578G	112.35	Inf	-Inf	3	Vertical	356	2.05	-
2457MHz	Pass	PK	2.4836G	60.86	74.00	-13.14	3	Vertical	356	2.05	-
2457MHz	Pass	AV	2.4562G	103.21	Inf	-Inf	3	Horizontal	129	2.51	-
2457MHz	Pass	AV	2.4835G	46.61	54.00	-7.39	3	Horizontal	129	2.51	-
2457MHz	Pass	PK	2.4574G	105.69	Inf	-Inf	3	Horizontal	129	2.51	-
2457MHz	Pass	PK	2.4836G	58.25	74.00	-15.75	3	Horizontal	129	2.51	-
2462MHz	Pass	AV	2.4612G	109.47	Inf	-Inf	3	Vertical	357	2.06	-
2462MHz	Pass	AV	2.4868G	51.99	54.00	-2.01	3	Vertical	357	2.06	-
2462MHz	Pass	PK	2.461G	112.35	Inf	-Inf	3	Vertical	357	2.06	-
2462MHz	Pass	PK	2.4876G	62.14	74.00	-11.86	3	Vertical	357	2.06	-
2462MHz	Pass	AV	2.4612G	102.84	Inf	-Inf	3	Horizontal	128	2.51	-
2462MHz	Pass	AV	2.4835G	46.13	54.00	-7.87	3	Horizontal	128	2.51	-
2462MHz	Pass	PK	2.4624G	105.61	Inf	-Inf	3	Horizontal	128	2.51	-
2462MHz	Pass	PK	2.4876G	58.21	74.00	-15.79	3	Horizontal	128	2.51	-
2462MHz	Pass	AV	4.924G	47.96	54.00	-6.04	3	Vertical	66	1.99	-
2462MHz	Pass	AV	7.38669G	44.42	54.00	-9.58	3	Vertical	189	1.50	-
2462MHz	Pass	PK	4.92391G	51.58	74.00	-22.42	3	Vertical	66	1.99	-
2462MHz	Pass	PK	7.38668G	52.81	74.00	-21.19	3	Vertical	189	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	AV	4.92399G	49.16	54.00	-4.84	3	Horizontal	45	1.00	-
2462MHz	Pass	AV	7.38671G	46.31	54.00	-7.69	3	Horizontal	145	1.86	-
2462MHz	Pass	PK	4.92395G	52.16	74.00	-21.84	3	Horizontal	45	1.00	-
2462MHz	Pass	PK	7.38685G	53.71	74.00	-20.29	3	Horizontal	145	1.86	-
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	53.32	54.00	-0.68	3	Vertical	89	2.37	-
2412MHz	Pass	AV	2.4134G	100.42	Inf	-Inf	3	Vertical	89	2.37	-
2412MHz	Pass	PK	2.39G	71.35	74.00	-2.65	3	Vertical	89	2.37	-
2412MHz	Pass	PK	2.4108G	109.78	Inf	-Inf	3	Vertical	89	2.37	-
2412MHz	Pass	AV	2.39G	47.63	54.00	-6.37	3	Horizontal	125	1.01	-
2412MHz	Pass	AV	2.4098G	94.04	Inf	-Inf	3	Horizontal	125	1.01	-
2412MHz	Pass	PK	2.39G	66.76	74.00	-7.24	3	Horizontal	125	1.01	-
2412MHz	Pass	PK	2.4136G	103.42	Inf	-Inf	3	Horizontal	125	1.01	-
2412MHz	Pass	AV	4.82402G	34.28	54.00	-19.72	3	Vertical	292	2.06	-
2412MHz	Pass	PK	4.82382G	44.30	74.00	-29.70	3	Vertical	292	2.06	-
2412MHz	Pass	AV	4.824G	33.78	54.00	-20.22	3	Horizontal	37	1.00	-
2412MHz	Pass	PK	4.82402G	45.07	74.00	-28.93	3	Horizontal	37	1.00	-
2417MHz	Pass	AV	2.39G	53.76	54.00	-0.24	3	Vertical	92	2.38	-
2417MHz	Pass	AV	2.4198G	101.10	Inf	-Inf	3	Vertical	92	2.38	-
2417MHz	Pass	PK	2.39G	71.81	74.00	-2.19	3	Vertical	92	2.38	-
2417MHz	Pass	PK	2.414G	110.76	Inf	-Inf	3	Vertical	92	2.38	-
2417MHz	Pass	AV	2.39G	48.12	54.00	-5.88	3	Horizontal	130	2.60	-
2417MHz	Pass	AV	2.4198G	95.29	Inf	-Inf	3	Horizontal	130	2.60	-
2417MHz	Pass	PK	2.3894G	64.80	74.00	-9.20	3	Horizontal	130	2.60	-
2417MHz	Pass	PK	2.4142G	104.95	Inf	-Inf	3	Horizontal	130	2.60	-
2437MHz	Pass	AV	2.3898G	51.04	54.00	-2.96	3	Vertical	5	1.81	-
2437MHz	Pass	AV	2.4414G	105.42	Inf	-Inf	3	Vertical	5	1.81	-
2437MHz	Pass	AV	2.4835G	53.62	54.00	-0.38	3	Vertical	5	1.81	-
2437MHz	Pass	PK	2.3898G	67.11	74.00	-6.89	3	Vertical	5	1.81	-
2437MHz	Pass	PK	2.4326G	115.26	Inf	-Inf	3	Vertical	5	1.81	-
2437MHz	Pass	PK	2.485G	70.09	74.00	-3.91	3	Vertical	5	1.81	-
2437MHz	Pass	AV	2.3898G	46.10	54.00	-7.90	3	Horizontal	125	2.59	-
2437MHz	Pass	AV	2.4394G	98.78	Inf	-Inf	3	Horizontal	125	2.59	-
2437MHz	Pass	AV	2.4842G	46.99	54.00	-7.01	3	Horizontal	125	2.59	-
2437MHz	Pass	PK	2.3894G	58.87	74.00	-15.13	3	Horizontal	125	2.59	-
2437MHz	Pass	PK	2.4326G	108.57	Inf	-Inf	3	Horizontal	125	2.59	-
2437MHz	Pass	PK	2.4842G	61.61	74.00	-12.39	3	Horizontal	125	2.59	-
2437MHz	Pass	AV	4.8739G	33.22	54.00	-20.78	3	Vertical	67	1.93	-
2437MHz	Pass	AV	7.31214G	40.15	54.00	-13.85	3	Vertical	29	1.50	-
2437MHz	Pass	PK	4.87392G	45.10	74.00	-28.90	3	Vertical	67	1.93	-
2437MHz	Pass	PK	7.31408G	52.93	74.00	-21.07	3	Vertical	29	1.50	-
2437MHz	Pass	AV	4.87392G	35.28	54.00	-18.72	3	Horizontal	53	1.16	-
2437MHz	Pass	AV	7.31374G	39.94	54.00	-14.06	3	Horizontal	163	1.61	-
2437MHz	Pass	PK	4.87732G	48.29	74.00	-25.71	3	Horizontal	53	1.16	-
2437MHz	Pass	PK	7.31386G	53.71	74.00	-20.29	3	Horizontal	163	1.61	-
2457MHz	Pass	AV	2.459G	102.39	Inf	-Inf	3	Vertical	360	2.05	-
2457MHz	Pass	AV	2.4835G	53.60	54.00	-0.40	3	Vertical	360	2.05	-
2457MHz	Pass	PK	2.4596G	111.73	Inf	-Inf	3	Vertical	360	2.05	-
2457MHz	Pass	PK	2.484G	73.50	74.00	-0.50	3	Vertical	360	2.05	-
2457MHz	Pass	AV	2.459G	95.98	Inf	-Inf	3	Horizontal	128	2.50	-
2457MHz	Pass	AV	2.485G	48.14	54.00	-5.86	3	Horizontal	128	2.50	-
2457MHz	Pass	PK	2.4596G	105.36	Inf	-Inf	3	Horizontal	128	2.50	-
2457MHz	Pass	PK	2.4838G	66.66	74.00	-7.34	3	Horizontal	128	2.50	-
2462MHz	Pass	AV	2.4594G	100.72	Inf	-Inf	3	Vertical	354	2.05	-
2462MHz	Pass	AV	2.4835G	53.77	54.00	-0.23	3	Vertical	354	2.05	-
2462MHz	Pass	PK	2.458G	110.41	Inf	-Inf	3	Vertical	354	2.05	-
2462MHz	Pass	PK	2.4835G	73.23	74.00	-0.77	3	Vertical	354	2.05	-
2462MHz	Pass	AV	2.464G	93.97	Inf	-Inf	3	Horizontal	127	2.50	-
2462MHz	Pass	AV	2.4835G	48.53	54.00	-5.47	3	Horizontal	127	2.50	-
2462MHz	Pass	PK	2.4652G	103.23	Inf	-Inf	3	Horizontal	127	2.50	-
2462MHz	Pass	PK	2.4835G	65.79	74.00	-8.21	3	Horizontal	127	2.50	-
2462MHz	Pass	AV	4.92398G	36.31	54.00	-17.69	3	Vertical	68	2.00	-

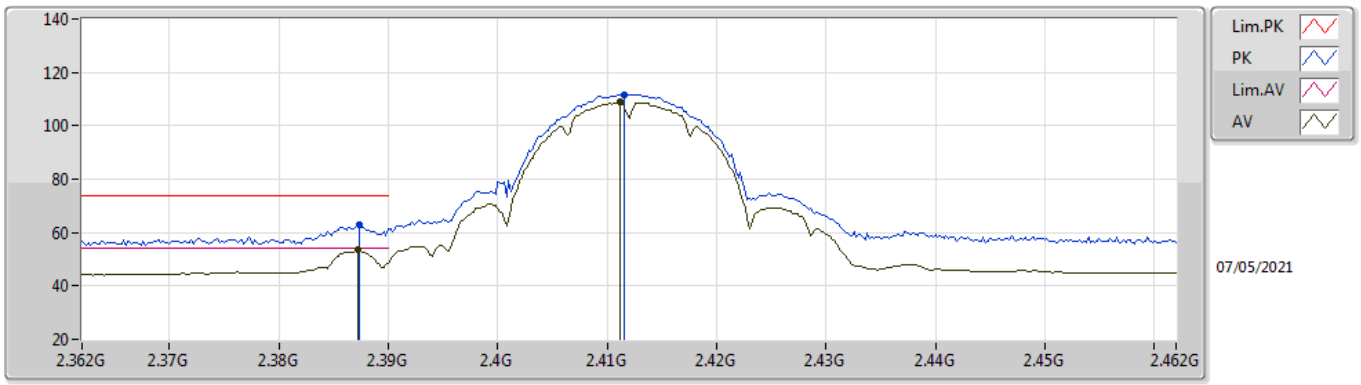
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	AV	7.38686G	36.68	54.00	-17.32	3	Vertical	29	1.20	-
2462MHz	Pass	PK	4.92388G	46.51	74.00	-27.49	3	Vertical	68	2.00	-
2462MHz	Pass	PK	7.38622G	49.14	74.00	-24.86	3	Vertical	29	1.20	-
2462MHz	Pass	AV	4.92389G	36.20	54.00	-17.80	3	Horizontal	37	1.00	-
2462MHz	Pass	AV	7.38626G	36.52	54.00	-17.48	3	Horizontal	214	1.62	-
2462MHz	Pass	PK	4.92407G	46.66	74.00	-27.34	3	Horizontal	37	1.00	-
2462MHz	Pass	PK	7.38569G	50.22	74.00	-23.78	3	Horizontal	214	1.62	-
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3898G	53.06	54.00	-0.94	3	Vertical	86	2.13	-
2412MHz	Pass	AV	2.4108G	100.32	Inf	-Inf	3	Vertical	86	2.13	-
2412MHz	Pass	PK	2.3888G	73.28	74.00	-0.72	3	Vertical	86	2.13	-
2412MHz	Pass	PK	2.41G	110.26	Inf	-Inf	3	Vertical	86	2.13	-
2412MHz	Pass	AV	2.39G	47.99	54.00	-6.01	3	Horizontal	241	2.89	-
2412MHz	Pass	AV	2.4108G	94.92	Inf	-Inf	3	Horizontal	241	2.89	-
2412MHz	Pass	PK	2.3886G	66.68	74.00	-7.32	3	Horizontal	241	2.89	-
2412MHz	Pass	PK	2.4172G	104.10	Inf	-Inf	3	Horizontal	241	2.89	-
2412MHz	Pass	AV	4.82391G	34.17	54.00	-19.83	3	Vertical	73	1.12	-
2412MHz	Pass	PK	4.82397G	45.44	74.00	-28.56	3	Vertical	73	1.12	-
2412MHz	Pass	AV	4.82392G	34.89	54.00	-19.11	3	Horizontal	29	1.11	-
2412MHz	Pass	PK	4.82398G	45.57	74.00	-28.43	3	Horizontal	29	1.11	-
2417MHz	Pass	AV	2.39G	53.84	54.00	-0.16	3	Vertical	86	2.13	-
2417MHz	Pass	AV	2.4136G	101.43	Inf	-Inf	3	Vertical	86	2.13	-
2417MHz	Pass	PK	2.3894G	70.77	74.00	-3.23	3	Vertical	86	2.13	-
2417MHz	Pass	PK	2.4194G	111.44	Inf	-Inf	3	Vertical	86	2.13	-
2417MHz	Pass	AV	2.39G	49.48	54.00	-4.52	3	Horizontal	238	2.92	-
2417MHz	Pass	AV	2.4138G	96.27	Inf	-Inf	3	Horizontal	238	2.92	-
2417MHz	Pass	PK	2.3894G	65.37	74.00	-8.63	3	Horizontal	238	2.92	-
2417MHz	Pass	PK	2.4194G	106.37	Inf	-Inf	3	Horizontal	238	2.92	-
2437MHz	Pass	AV	2.3898G	52.45	54.00	-1.55	3	Vertical	6	2.08	-
2437MHz	Pass	AV	2.4394G	104.45	Inf	-Inf	3	Vertical	6	2.08	-
2437MHz	Pass	AV	2.4835G	53.81	54.00	-0.19	3	Vertical	6	2.08	-
2437MHz	Pass	PK	2.3898G	66.77	74.00	-7.23	3	Vertical	6	2.08	-
2437MHz	Pass	PK	2.4422G	115.06	Inf	-Inf	3	Vertical	6	2.08	-
2437MHz	Pass	PK	2.4835G	70.63	74.00	-3.37	3	Vertical	6	2.08	-
2437MHz	Pass	AV	2.3894G	46.76	54.00	-7.24	3	Horizontal	119	2.55	-
2437MHz	Pass	AV	2.4402G	97.86	Inf	-Inf	3	Horizontal	119	2.55	-
2437MHz	Pass	AV	2.4835G	48.92	54.00	-5.08	3	Horizontal	119	2.55	-
2437MHz	Pass	PK	2.3878G	61.03	74.00	-12.97	3	Horizontal	119	2.55	-
2437MHz	Pass	PK	2.4394G	107.49	Inf	-Inf	3	Horizontal	119	2.55	-
2437MHz	Pass	PK	2.4838G	63.47	74.00	-10.53	3	Horizontal	119	2.55	-
2437MHz	Pass	AV	4.87409G	34.87	54.00	-19.13	3	Vertical	45	1.94	-
2437MHz	Pass	AV	7.31082G	41.94	54.00	-12.06	3	Vertical	38	1.00	-
2437MHz	Pass	PK	4.87376G	46.46	74.00	-27.54	3	Vertical	45	1.94	-
2437MHz	Pass	PK	7.3077G	55.06	74.00	-18.94	3	Vertical	38	1.00	-
2437MHz	Pass	AV	4.874G	35.85	54.00	-18.15	3	Horizontal	31	1.25	-
2437MHz	Pass	AV	7.31292G	39.50	54.00	-14.50	3	Horizontal	42	1.71	-
2437MHz	Pass	PK	4.87401G	48.52	74.00	-25.48	3	Horizontal	31	1.25	-
2437MHz	Pass	PK	7.3111G	52.79	74.00	-21.21	3	Horizontal	42	1.71	-
2457MHz	Pass	AV	2.4626G	101.50	Inf	-Inf	3	Vertical	96	1.38	-
2457MHz	Pass	AV	2.4835G	53.92	54.00	-0.08	3	Vertical	96	1.38	-
2457MHz	Pass	PK	2.4638G	110.90	Inf	-Inf	3	Vertical	96	1.38	-
2457MHz	Pass	PK	2.4835G	70.62	74.00	-3.38	3	Vertical	96	1.38	-
2457MHz	Pass	AV	2.4526G	96.39	Inf	-Inf	3	Horizontal	238	2.84	-
2457MHz	Pass	AV	2.4836G	48.66	54.00	-5.34	3	Horizontal	238	2.84	-
2457MHz	Pass	PK	2.4534G	105.94	Inf	-Inf	3	Horizontal	238	2.84	-
2457MHz	Pass	PK	2.484G	64.79	74.00	-9.21	3	Horizontal	238	2.84	-
2462MHz	Pass	AV	2.4678G	99.10	Inf	-Inf	3	Vertical	98	1.38	-
2462MHz	Pass	AV	2.4835G	52.69	54.00	-1.31	3	Vertical	98	1.38	-
2462MHz	Pass	PK	2.4648G	108.27	Inf	-Inf	3	Vertical	98	1.38	-
2462MHz	Pass	PK	2.4835G	71.55	74.00	-2.45	3	Vertical	98	1.38	-
2462MHz	Pass	AV	2.4592G	91.77	Inf	-Inf	3	Horizontal	136	1.79	-
2462MHz	Pass	AV	2.4835G	47.77	54.00	-6.23	3	Horizontal	136	1.79	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	PK	2.4648G	101.00	Inf	-Inf	3	Horizontal	136	1.79	-
2462MHz	Pass	PK	2.4854G	63.99	74.00	-10.01	3	Horizontal	136	1.79	-
2462MHz	Pass	AV	4.92398G	36.95	54.00	-17.05	3	Vertical	69	1.76	-
2462MHz	Pass	AV	7.38838G	37.16	54.00	-16.84	3	Vertical	42	1.50	-
2462MHz	Pass	PK	4.92447G	47.16	74.00	-26.84	3	Vertical	69	1.76	-
2462MHz	Pass	PK	7.38566G	50.29	74.00	-23.71	3	Vertical	42	1.50	-
2462MHz	Pass	AV	4.92399G	37.35	54.00	-16.65	3	Horizontal	34	1.00	-
2462MHz	Pass	AV	7.38565G	36.82	54.00	-17.18	3	Horizontal	302	1.03	-
2462MHz	Pass	PK	4.92413G	47.27	74.00	-26.73	3	Horizontal	34	1.00	-
2462MHz	Pass	PK	7.38537G	49.41	74.00	-24.59	3	Horizontal	302	1.03	-
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	53.89	54.00	-0.11	3	Vertical	0	2.62	-
2422MHz	Pass	AV	2.428G	98.23	Inf	-Inf	3	Vertical	0	2.62	-
2422MHz	Pass	AV	2.4835G	48.50	54.00	-5.50	3	Vertical	0	2.62	-
2422MHz	Pass	PK	2.3892G	69.77	74.00	-4.23	3	Vertical	0	2.62	-
2422MHz	Pass	PK	2.4304G	107.39	Inf	-Inf	3	Vertical	0	2.62	-
2422MHz	Pass	PK	2.4844G	62.77	74.00	-11.23	3	Vertical	0	2.62	-
2422MHz	Pass	AV	2.39G	50.08	54.00	-3.92	3	Horizontal	240	2.90	-
2422MHz	Pass	AV	2.4252G	92.69	Inf	-Inf	3	Horizontal	240	2.90	-
2422MHz	Pass	AV	2.49G	45.93	54.00	-8.07	3	Horizontal	240	2.90	-
2422MHz	Pass	PK	2.3892G	65.40	74.00	-8.60	3	Horizontal	240	2.90	-
2422MHz	Pass	PK	2.4168G	102.09	Inf	-Inf	3	Horizontal	240	2.90	-
2422MHz	Pass	PK	2.488G	57.80	74.00	-16.20	3	Horizontal	240	2.90	-
2422MHz	Pass	AV	4.84386G	35.53	54.00	-18.47	3	Vertical	66	1.63	-
2422MHz	Pass	PK	4.8439G	46.02	74.00	-27.98	3	Vertical	66	1.63	-
2422MHz	Pass	AV	4.84397G	37.15	54.00	-16.85	3	Horizontal	30	1.08	-
2422MHz	Pass	PK	4.8439G	46.41	74.00	-27.59	3	Horizontal	30	1.08	-
2437MHz	Pass	AV	2.3894G	48.66	54.00	-5.34	3	Vertical	10	1.80	-
2437MHz	Pass	AV	2.443G	97.24	Inf	-Inf	3	Vertical	10	1.80	-
2437MHz	Pass	AV	2.4835G	53.46	54.00	-0.54	3	Vertical	10	1.80	-
2437MHz	Pass	PK	2.3898G	61.93	74.00	-12.07	3	Vertical	10	1.80	-
2437MHz	Pass	PK	2.4286G	107.52	Inf	-Inf	3	Vertical	10	1.80	-
2437MHz	Pass	PK	2.485G	69.09	74.00	-4.91	3	Vertical	10	1.80	-
2437MHz	Pass	AV	2.357G	45.58	54.00	-8.42	3	Horizontal	237	2.86	-
2437MHz	Pass	AV	2.443G	91.73	Inf	-Inf	3	Horizontal	237	2.86	-
2437MHz	Pass	AV	2.4846G	47.81	54.00	-6.19	3	Horizontal	237	2.86	-
2437MHz	Pass	PK	2.339G	57.66	74.00	-16.34	3	Horizontal	237	2.86	-
2437MHz	Pass	PK	2.4282G	102.04	Inf	-Inf	3	Horizontal	237	2.86	-
2437MHz	Pass	PK	2.485G	61.90	74.00	-12.10	3	Horizontal	237	2.86	-
2437MHz	Pass	AV	4.87398G	35.86	54.00	-18.14	3	Vertical	45	1.93	-
2437MHz	Pass	AV	7.30957G	37.64	54.00	-16.36	3	Vertical	36	1.31	-
2437MHz	Pass	PK	4.87374G	45.22	74.00	-28.78	3	Vertical	45	1.93	-
2437MHz	Pass	PK	7.30874G	49.86	74.00	-24.14	3	Vertical	36	1.31	-
2437MHz	Pass	AV	4.87394G	36.20	54.00	-17.80	3	Horizontal	43	1.06	-
2437MHz	Pass	AV	7.3094G	37.35	54.00	-16.65	3	Horizontal	134	1.50	-
2437MHz	Pass	PK	4.87397G	45.39	74.00	-28.61	3	Horizontal	43	1.06	-
2437MHz	Pass	PK	7.31104G	49.33	74.00	-24.67	3	Horizontal	134	1.50	-
2447MHz	Pass	AV	2.3854G	45.67	54.00	-8.33	3	Vertical	349	2.04	-
2447MHz	Pass	AV	2.4518G	95.83	Inf	-Inf	3	Vertical	349	2.04	-
2447MHz	Pass	AV	2.4838G	53.62	54.00	-0.38	3	Vertical	349	2.04	-
2447MHz	Pass	PK	2.3738G	57.34	74.00	-16.66	3	Vertical	349	2.04	-
2447MHz	Pass	PK	2.4514G	105.47	Inf	-Inf	3	Vertical	349	2.04	-
2447MHz	Pass	PK	2.4846G	71.90	74.00	-2.10	3	Vertical	349	2.04	-
2447MHz	Pass	AV	2.3606G	45.31	54.00	-8.69	3	Horizontal	239	2.83	-
2447MHz	Pass	AV	2.455G	90.13	Inf	-Inf	3	Horizontal	239	2.83	-
2447MHz	Pass	AV	2.4842G	48.10	54.00	-5.90	3	Horizontal	239	2.83	-
2447MHz	Pass	PK	2.3538G	57.24	74.00	-16.76	3	Horizontal	239	2.83	-
2447MHz	Pass	PK	2.4518G	100.01	Inf	-Inf	3	Horizontal	239	2.83	-
2447MHz	Pass	PK	2.4846G	61.66	74.00	-12.34	3	Horizontal	239	2.83	-
2452MHz	Pass	AV	2.3848G	45.47	54.00	-8.53	3	Vertical	98	1.41	-
2452MHz	Pass	AV	2.4616G	95.05	Inf	-Inf	3	Vertical	98	1.41	-
2452MHz	Pass	AV	2.4848G	53.63	54.00	-0.37	3	Vertical	98	1.41	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2452MHz	Pass	PK	2.374G	57.12	74.00	-16.88	3	Vertical	98	1.41	-
2452MHz	Pass	PK	2.4592G	103.92	Inf	-Inf	3	Vertical	98	1.41	-
2452MHz	Pass	PK	2.4852G	71.00	74.00	-3.00	3	Vertical	98	1.41	-
2452MHz	Pass	AV	2.3752G	45.20	54.00	-8.80	3	Horizontal	122	2.55	-
2452MHz	Pass	AV	2.4536G	88.92	Inf	-Inf	3	Horizontal	122	2.55	-
2452MHz	Pass	AV	2.4835G	49.70	54.00	-4.30	3	Horizontal	122	2.55	-
2452MHz	Pass	PK	2.3876G	56.36	74.00	-17.64	3	Horizontal	122	2.55	-
2452MHz	Pass	PK	2.4588G	97.57	Inf	-Inf	3	Horizontal	122	2.55	-
2452MHz	Pass	PK	2.4835G	66.33	74.00	-7.67	3	Horizontal	122	2.55	-
2452MHz	Pass	AV	4.90397G	36.74	54.00	-17.26	3	Vertical	68	1.67	-
2452MHz	Pass	AV	7.35481G	37.40	54.00	-16.60	3	Vertical	175	1.50	-
2452MHz	Pass	PK	4.9039G	45.55	74.00	-28.45	3	Vertical	68	1.67	-
2452MHz	Pass	PK	7.35365G	49.92	74.00	-24.08	3	Vertical	175	1.50	-
2452MHz	Pass	AV	4.90401G	35.45	54.00	-18.55	3	Horizontal	57	1.14	-
2452MHz	Pass	AV	7.35356G	37.51	54.00	-16.49	3	Horizontal	179	1.50	-
2452MHz	Pass	PK	4.90388G	45.30	74.00	-28.70	3	Horizontal	57	1.14	-
2452MHz	Pass	PK	7.35532G	49.17	74.00	-24.83	3	Horizontal	179	1.50	-

802.11b_Nss1,(1Mbps)_1TX

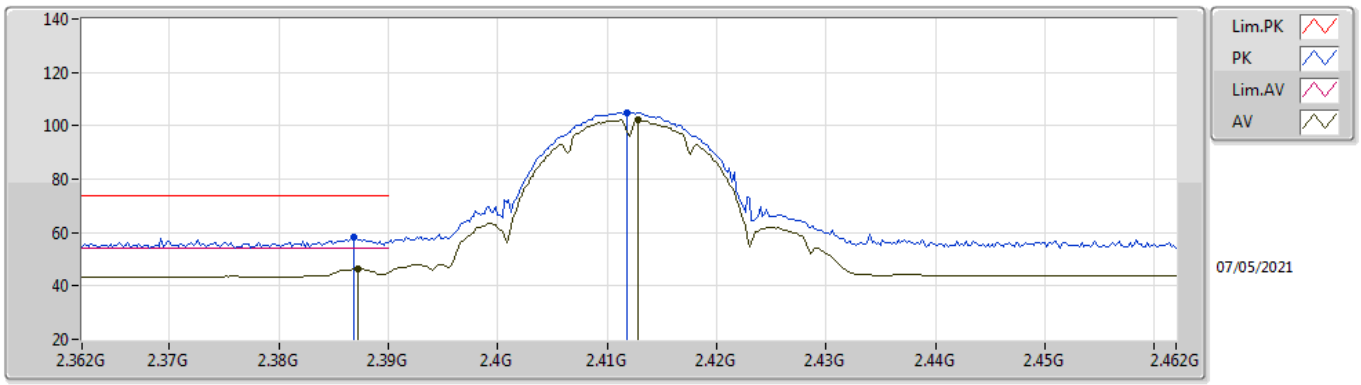
2412MHz_TX



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	53.38	54.00	-0.62	31.53	3	Vertical	80	2.13	-	21.85	27.65	3.88	-
AV	2.4112G	108.88	Inf	-Inf	31.52	3	Vertical	80	2.13	-	77.36	27.60	3.92	-
PK	2.3874G	62.74	74.00	-11.26	31.53	3	Vertical	80	2.13	-	31.21	27.65	3.88	-
PK	2.4116G	111.77	Inf	-Inf	31.52	3	Vertical	80	2.13	-	80.25	27.60	3.92	-

802.11b_Nss1,(1Mbps)_1TX

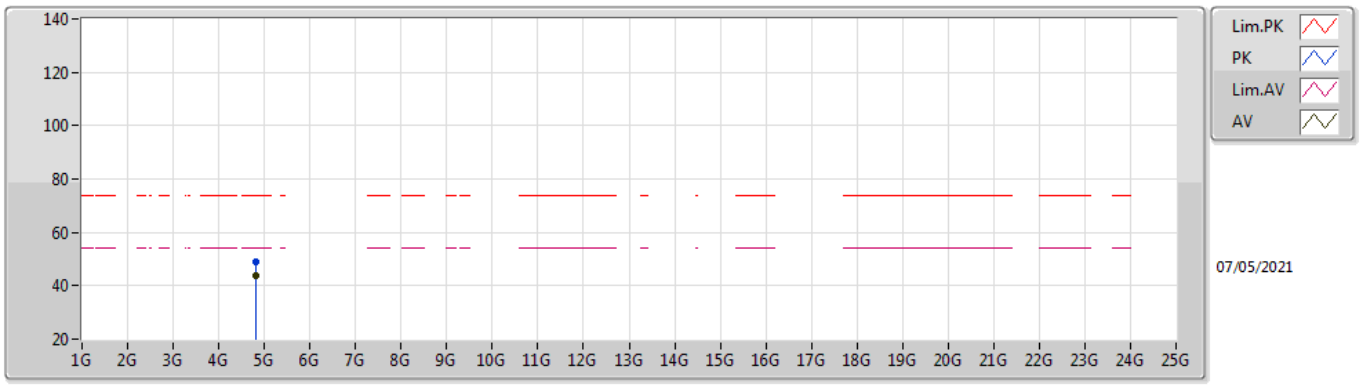
2412MHz_TX



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	46.55	54.00	-7.45	31.53	3	Horizontal	230	1.00	-	15.02	27.65	3.88	-
AV	2.4128G	102.23	Inf	-Inf	31.52	3	Horizontal	230	1.00	-	70.71	27.60	3.92	-
PK	2.3868G	58.12	74.00	-15.88	31.53	3	Horizontal	230	1.00	-	26.59	27.65	3.88	-
PK	2.4118G	104.98	Inf	-Inf	31.52	3	Horizontal	230	1.00	-	73.46	27.60	3.92	-

802.11b_Nss1,(1Mbps)_1TX

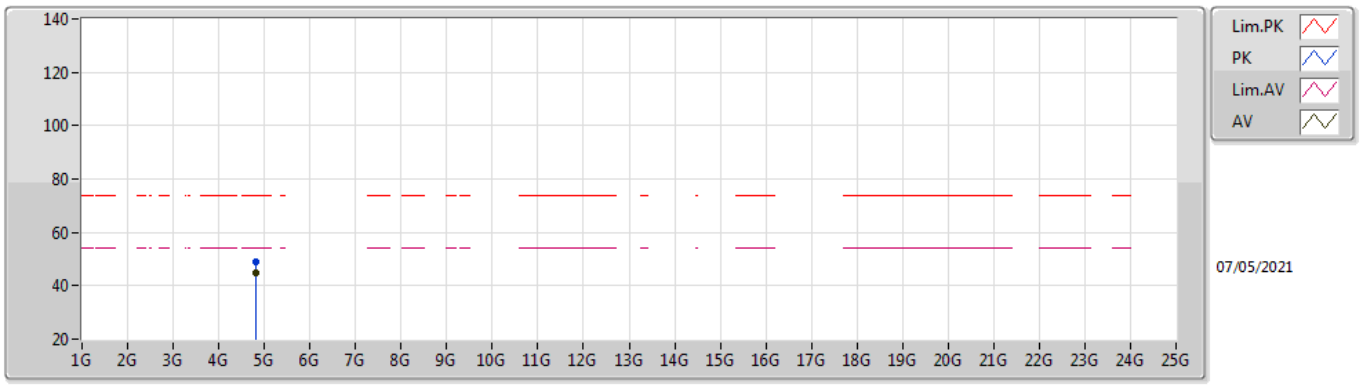
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.82398G	43.82	54.00	-10.18	1.58	3	Vertical	301	2.16	-	42.24	31.20	5.31	34.93
PK	4.824G	49.05	74.00	-24.95	1.58	3	Vertical	301	2.16	-	47.47	31.20	5.31	34.93

802.11b_Nss1,(1Mbps)_1TX

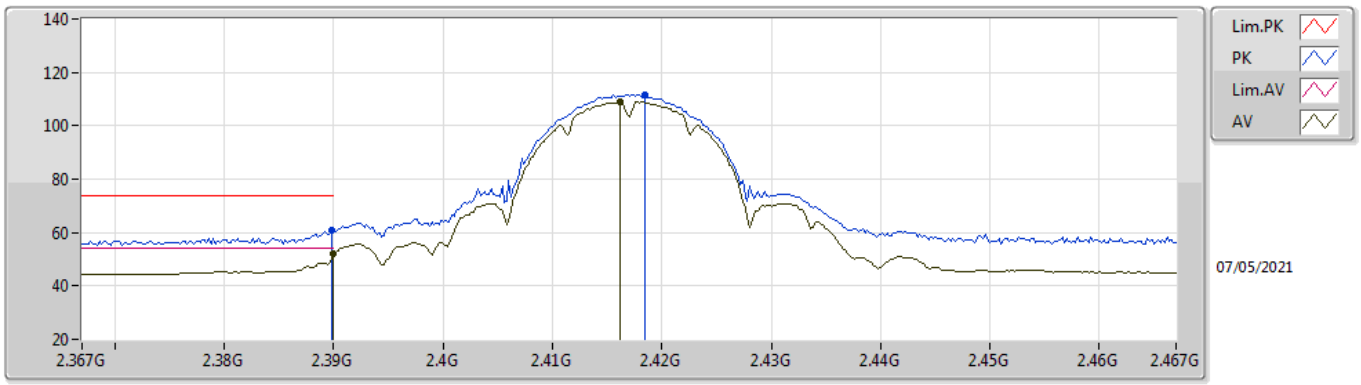
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.82398G	44.62	54.00	-9.38	1.58	3	Horizontal	31	1.13	-	43.04	31.20	5.31	34.93
PK	4.82385G	49.19	74.00	-24.81	1.58	3	Horizontal	31	1.13	-	47.61	31.20	5.31	34.93

802.11b_Nss1,(1Mbps)_1TX

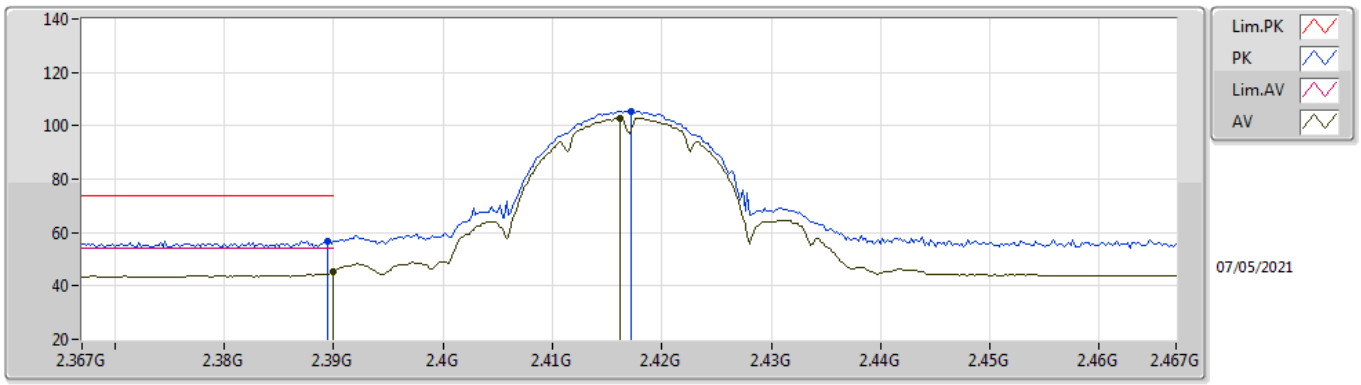
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	51.89	54.00	-2.11	31.52	3	Vertical	89	2.37	-	20.37	27.64	3.88	-
AV	2.4162G	108.96	Inf	-Inf	31.52	3	Vertical	89	2.37	-	77.44	27.60	3.92	-
PK	2.3898G	60.64	74.00	-13.36	31.52	3	Vertical	89	2.37	-	29.12	27.64	3.88	-
PK	2.4184G	111.43	Inf	-Inf	31.53	3	Vertical	89	2.37	-	79.90	27.60	3.93	-

802.11b_Nss1,(1Mbps)_1TX

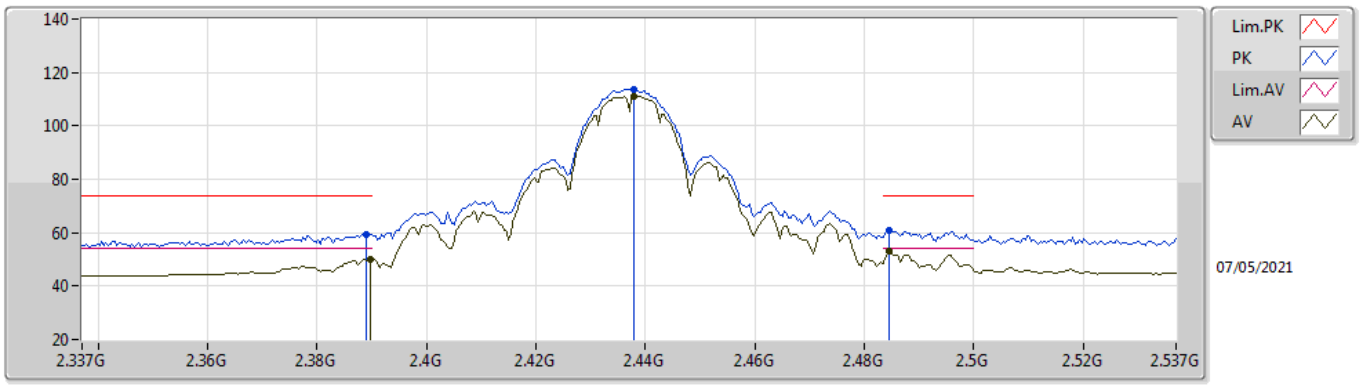
2417MHz_TX



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	45.54	54.00	-8.46	31.52	3	Horizontal	129	2.60	-	14.02	27.64	3.88	-
AV	2.4162G	102.86	Inf	-Inf	31.52	3	Horizontal	129	2.60	-	71.34	27.60	3.92	-
PK	2.3894G	56.87	74.00	-17.13	31.52	3	Horizontal	129	2.60	-	25.35	27.64	3.88	-
PK	2.4172G	105.49	Inf	-Inf	31.53	3	Horizontal	129	2.60	-	73.96	27.60	3.93	-

802.11b_Nss1,(1Mbps)_1TX

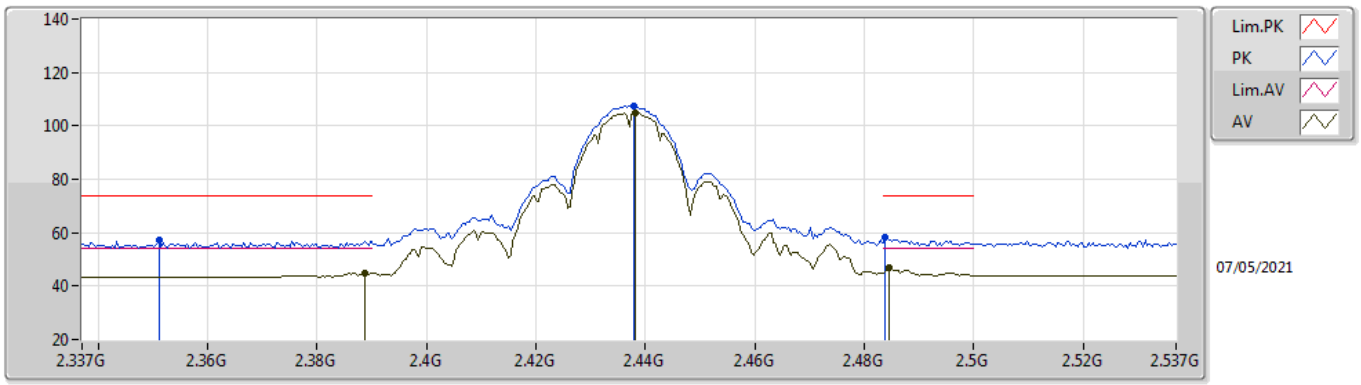
2437MHz_TX



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	49.94	54.00	-4.06	31.52	3	Vertical	0	1.82	-	18.42	27.64	3.88	-
AV	2.4378G	110.98	Inf	-Inf	31.56	3	Vertical	0	1.82	-	79.42	27.60	3.96	-
AV	2.4846G	53.03	54.00	-0.97	31.63	3	Vertical	0	1.82	-	21.40	27.60	4.03	-
PK	2.389G	59.22	74.00	-14.78	31.52	3	Vertical	0	1.82	-	27.70	27.64	3.88	-
PK	2.4378G	113.79	Inf	-Inf	31.56	3	Vertical	0	1.82	-	82.23	27.60	3.96	-
PK	2.4846G	60.94	74.00	-13.06	31.63	3	Vertical	0	1.82	-	29.31	27.60	4.03	-

802.11b_Nss1,(1Mbps)_1TX

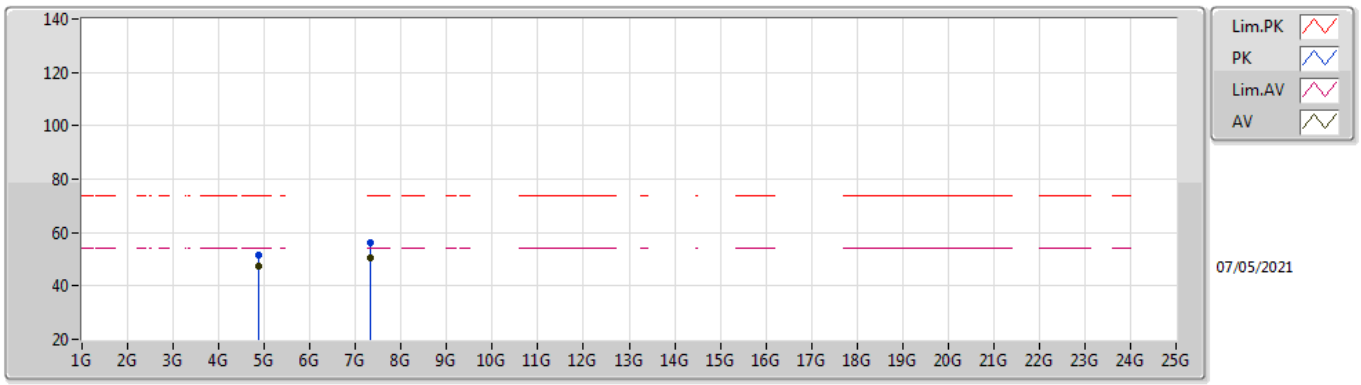
2437MHz_TX



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	2.3886G	44.80	54.00	-9.20	31.53	3	Horizontal	126	2.57	-	13.27	27.65	3.88	-
AV	2.4382G	104.92	Inf	-Inf	31.56	3	Horizontal	126	2.57	-	73.36	27.60	3.96	-
AV	2.4846G	46.76	54.00	-7.24	31.63	3	Horizontal	126	2.57	-	15.13	27.60	4.03	-
PK	2.351G	57.13	74.00	-16.87	31.63	3	Horizontal	126	2.57	-	25.50	27.80	3.83	-
PK	2.4378G	107.58	Inf	-Inf	31.56	3	Horizontal	126	2.57	-	76.02	27.60	3.96	-
PK	2.4838G	58.36	74.00	-15.64	31.63	3	Horizontal	126	2.57	-	26.73	27.60	4.03	-

802.11b_Nss1,(1Mbps)_1TX

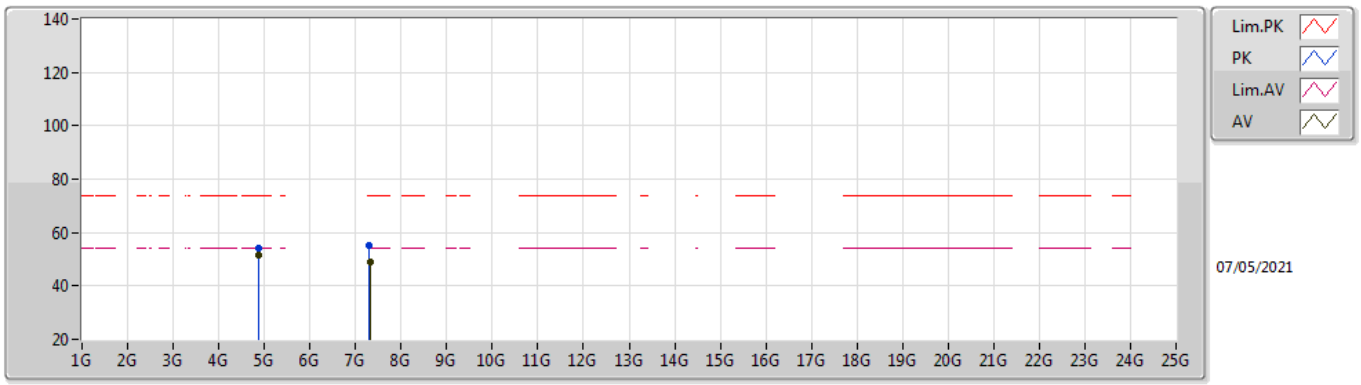
2437MHz_TX



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	4.87399G	47.47	54.00	-6.53	1.66	3	Vertical	39	1.61	-	45.81	31.25	5.34	34.93
AV	7.31168G	50.55	54.00	-3.45	8.20	3	Vertical	28	1.50	-	42.35	36.58	6.80	35.18
PK	4.87393G	51.30	74.00	-22.70	1.66	3	Vertical	39	1.61	-	49.64	31.25	5.34	34.93
PK	7.31158G	56.04	74.00	-17.96	8.20	3	Vertical	28	1.50	-	47.84	36.58	6.80	35.18

802.11b_Nss1,(1Mbps)_1TX

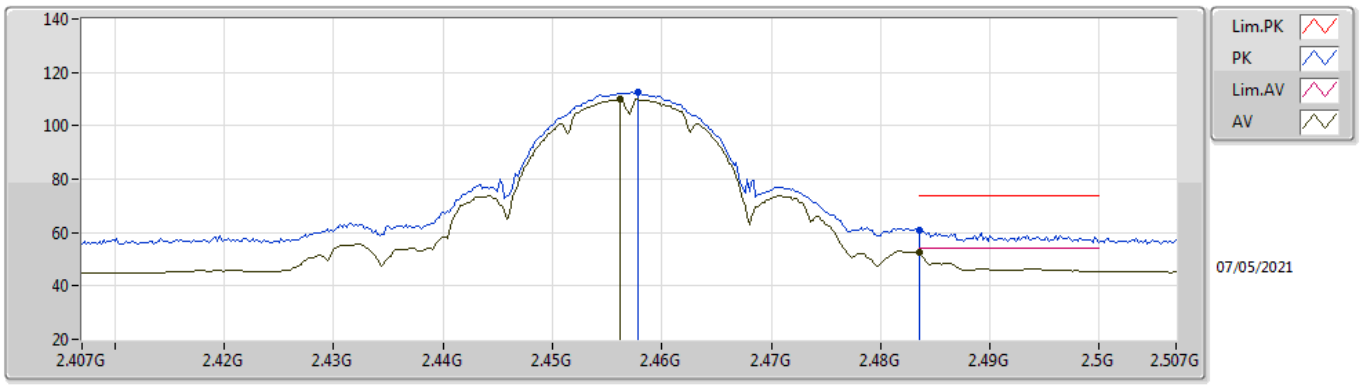
2437MHz_TX



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	4.87397G	51.80	54.00	-2.20	1.66	3	Horizontal	36	1.13	-	50.14	31.25	5.34	34.93
AV	7.31169G	49.03	54.00	-4.97	8.20	3	Horizontal	150	1.50	-	40.83	36.58	6.80	35.18
PK	4.87385G	54.24	74.00	-19.76	1.66	3	Horizontal	36	1.13	-	52.58	31.25	5.34	34.93
PK	7.30987G	55.14	74.00	-18.86	8.20	3	Horizontal	150	1.50	-	46.94	36.58	6.80	35.18

802.11b_Nss1,(1Mbps)_1TX

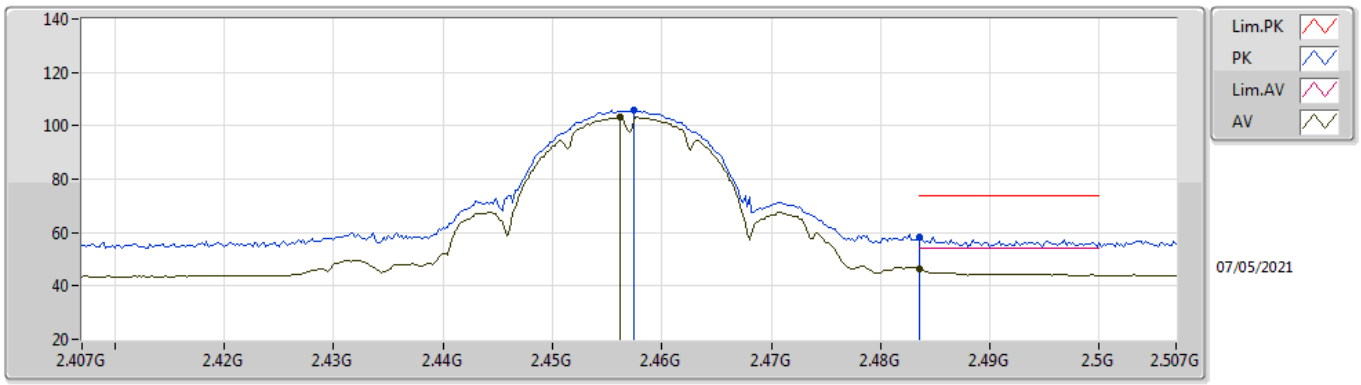
2457MHz_TX



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	109.93	Inf	-Inf	31.58	3	Vertical	356	2.05	-	78.35	27.60	3.98	-
AV	2.4835G	52.58	54.00	-1.42	31.63	3	Vertical	356	2.05	-	20.95	27.60	4.03	-
PK	2.4578G	112.35	Inf	-Inf	31.59	3	Vertical	356	2.05	-	80.76	27.60	3.99	-
PK	2.4836G	60.86	74.00	-13.14	31.63	3	Vertical	356	2.05	-	29.23	27.60	4.03	-

802.11b_Nss1,(1Mbps)_1TX

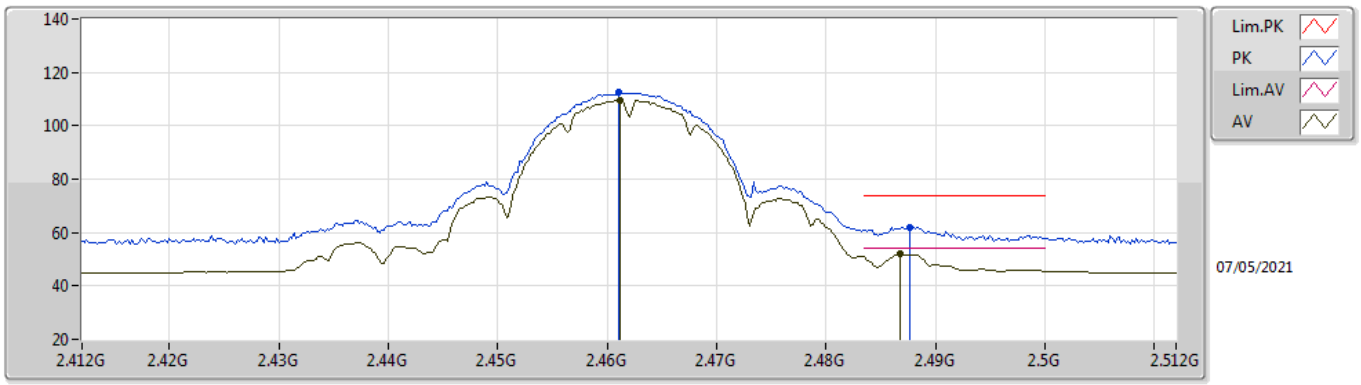
2457MHz_TX



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	103.21	Inf	-Inf	31.58	3	Horizontal	129	2.51	-	71.63	27.60	3.98	-
AV	2.4835G	46.61	54.00	-7.39	31.63	3	Horizontal	129	2.51	-	14.98	27.60	4.03	-
PK	2.4574G	105.69	Inf	-Inf	31.59	3	Horizontal	129	2.51	-	74.10	27.60	3.99	-
PK	2.4836G	58.25	74.00	-15.75	31.63	3	Horizontal	129	2.51	-	26.62	27.60	4.03	-

802.11b_Nss1,(1Mbps)_1TX

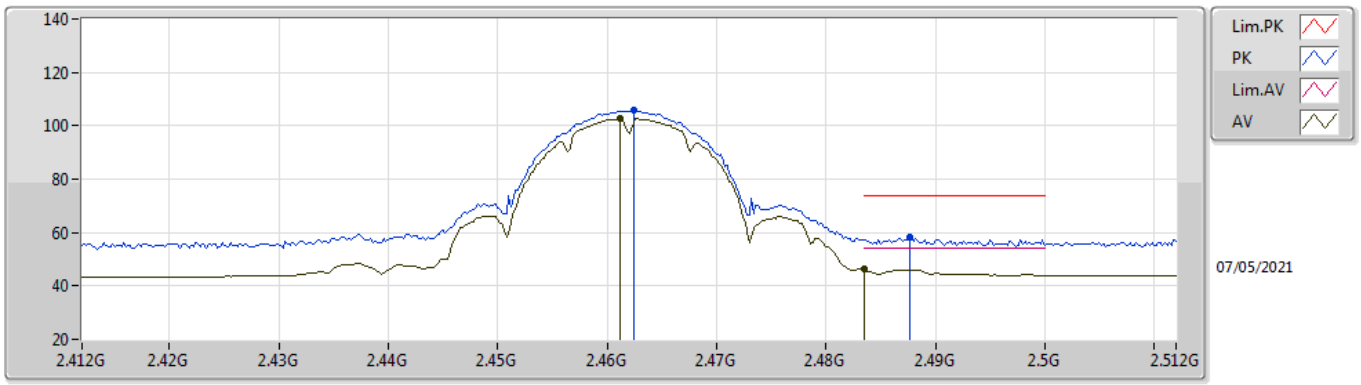
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4612G	109.47	Inf	-Inf	31.59	3	Vertical	357	2.06	-	77.88	27.60	3.99	-
AV	2.4868G	51.99	54.00	-2.01	31.63	3	Vertical	357	2.06	-	20.36	27.60	4.03	-
PK	2.461G	112.35	Inf	-Inf	31.59	3	Vertical	357	2.06	-	80.76	27.60	3.99	-
PK	2.4876G	62.14	74.00	-11.86	31.63	3	Vertical	357	2.06	-	30.51	27.60	4.03	-

802.11b_Nss1,(1Mbps)_1TX

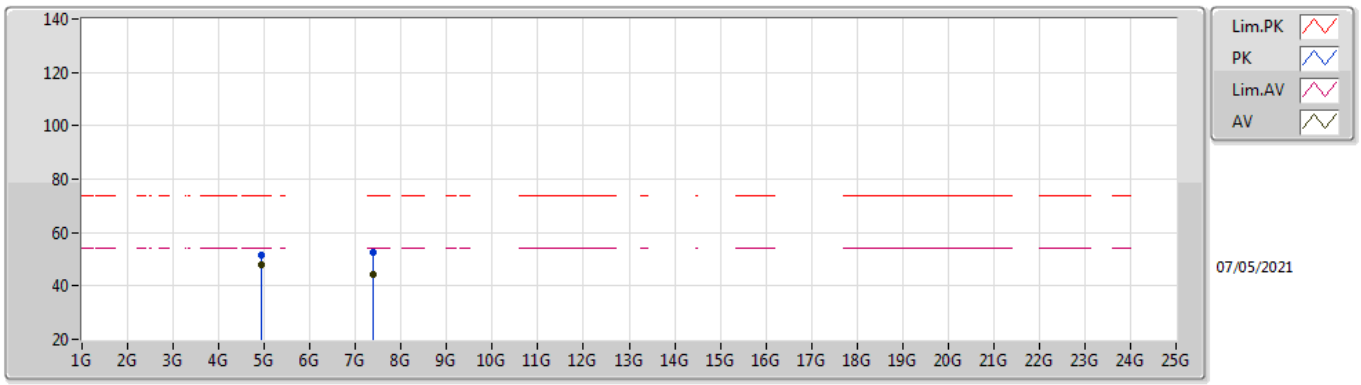
2462MHz_TX



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	102.84	Inf	-Inf	31.59	3	Horizontal	128	2.51	-	71.25	27.60	3.99	-
AV	2.4835G	46.13	54.00	-7.87	31.63	3	Horizontal	128	2.51	-	14.50	27.60	4.03	-
PK	2.4624G	105.61	Inf	-Inf	31.59	3	Horizontal	128	2.51	-	74.02	27.60	3.99	-
PK	2.4876G	58.21	74.00	-15.79	31.63	3	Horizontal	128	2.51	-	26.58	27.60	4.03	-

802.11b_Nss1,(1Mbps)_1TX

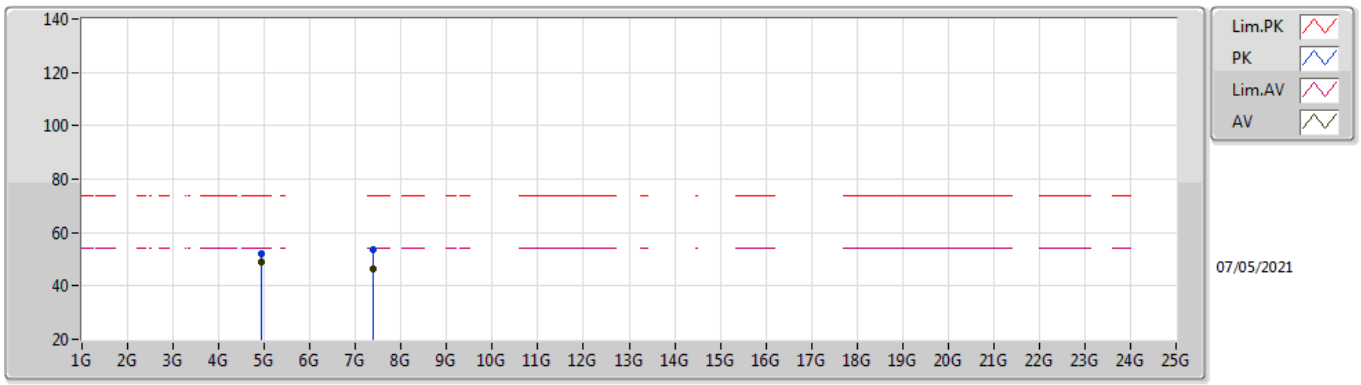
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.924G	47.96	54.00	-6.04	1.72	3	Vertical	66	1.99	-	46.24	31.30	5.36	34.94
AV	7.38669G	44.42	54.00	-9.58	8.05	3	Vertical	189	1.50	-	36.37	36.43	6.80	35.18
PK	4.92391G	51.58	74.00	-22.42	1.72	3	Vertical	66	1.99	-	49.86	31.30	5.36	34.94
PK	7.38668G	52.81	74.00	-21.19	8.05	3	Vertical	189	1.50	-	44.76	36.43	6.80	35.18

802.11b_Nss1,(1Mbps)_1TX

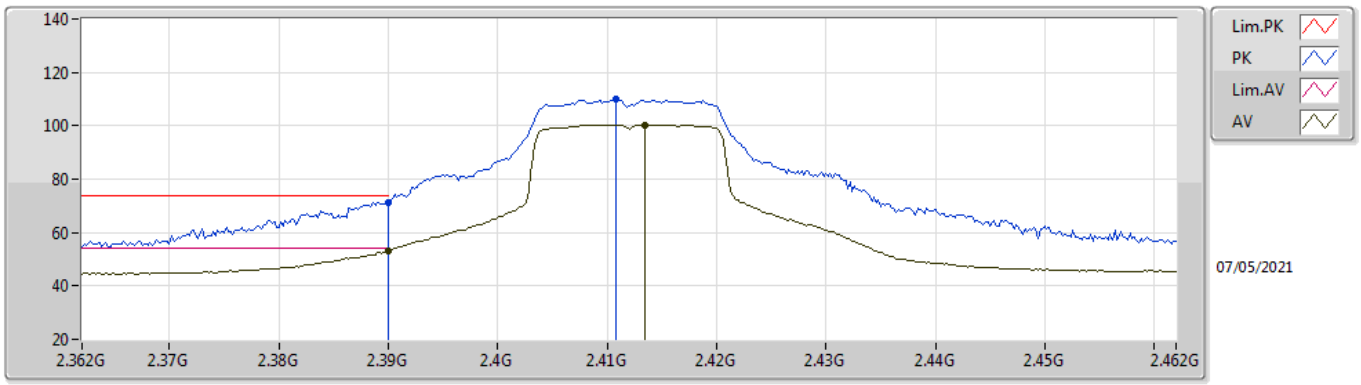
2462MHz_TX



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	4.92399G	49.16	54.00	-4.84	1.72	3	Horizontal	45	1.00	-	47.44	31.30	5.36	34.94
AV	7.38671G	46.31	54.00	-7.69	8.05	3	Horizontal	145	1.86	-	38.26	36.43	6.80	35.18
PK	4.92395G	52.16	74.00	-21.84	1.72	3	Horizontal	45	1.00	-	50.44	31.30	5.36	34.94
PK	7.38685G	53.71	74.00	-20.29	8.05	3	Horizontal	145	1.86	-	45.66	36.43	6.80	35.18

802.11g_Nss1,(6Mbps)_1TX

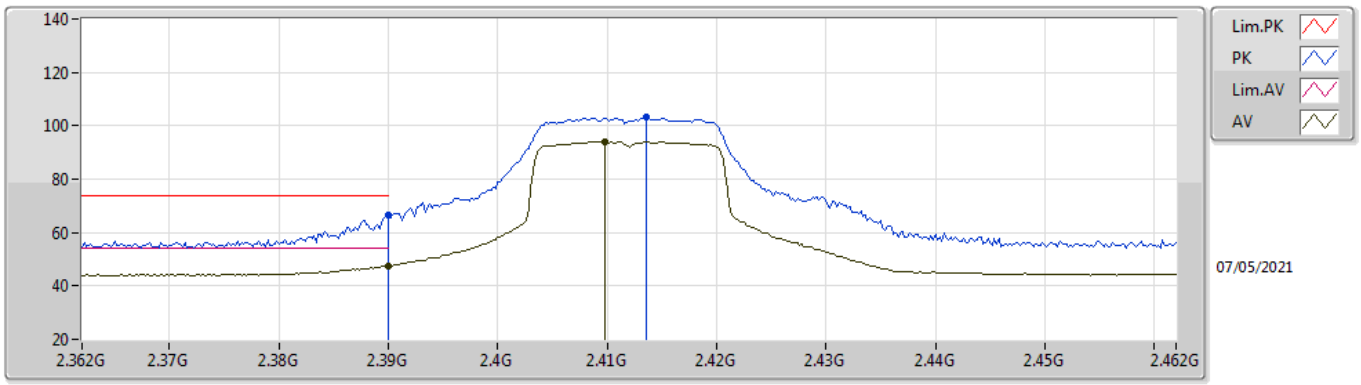
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	53.32	54.00	-0.68	31.52	3	Vertical	89	2.37	-	21.80	27.64	3.88	-
AV	2.4134G	100.42	Inf	-Inf	31.52	3	Vertical	89	2.37	-	68.90	27.60	3.92	-
PK	2.39G	71.35	74.00	-2.65	31.52	3	Vertical	89	2.37	-	39.83	27.64	3.88	-
PK	2.4108G	109.78	Inf	-Inf	31.52	3	Vertical	89	2.37	-	78.26	27.60	3.92	-

802.11g_Nss1,(6Mbps)_1TX

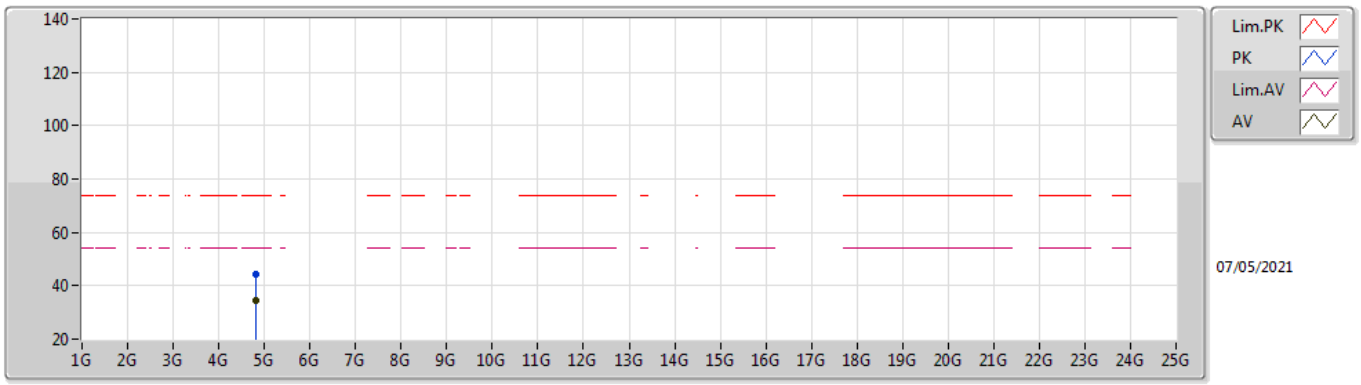
2412MHz_TX



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	47.63	54.00	-6.37	31.52	3	Horizontal	125	1.01	-	16.11	27.64	3.88	-
AV	2.4098G	94.04	Inf	-Inf	31.51	3	Horizontal	125	1.01	-	62.53	27.60	3.91	-
PK	2.39G	66.76	74.00	-7.24	31.52	3	Horizontal	125	1.01	-	35.24	27.64	3.88	-
PK	2.4136G	103.42	Inf	-Inf	31.52	3	Horizontal	125	1.01	-	71.90	27.60	3.92	-

802.11g_Nss1,(6Mbps)_1TX

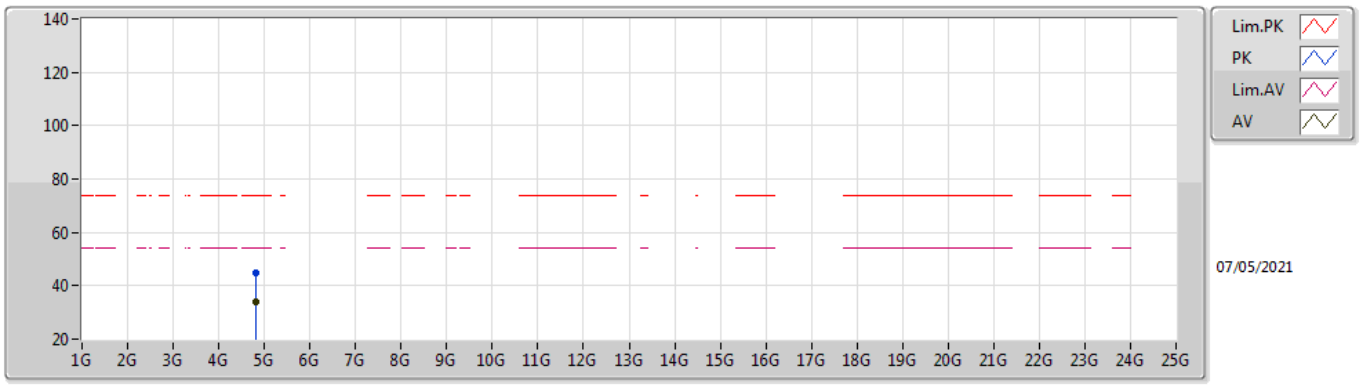
2412MHz_TX



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	34.28	54.00	-19.72	1.58	3	Vertical	292	2.06	-	32.70	31.20	5.31	34.93
PK	4.82382G	44.30	74.00	-29.70	1.58	3	Vertical	292	2.06	-	42.72	31.20	5.31	34.93

802.11g_Nss1,(6Mbps)_1TX

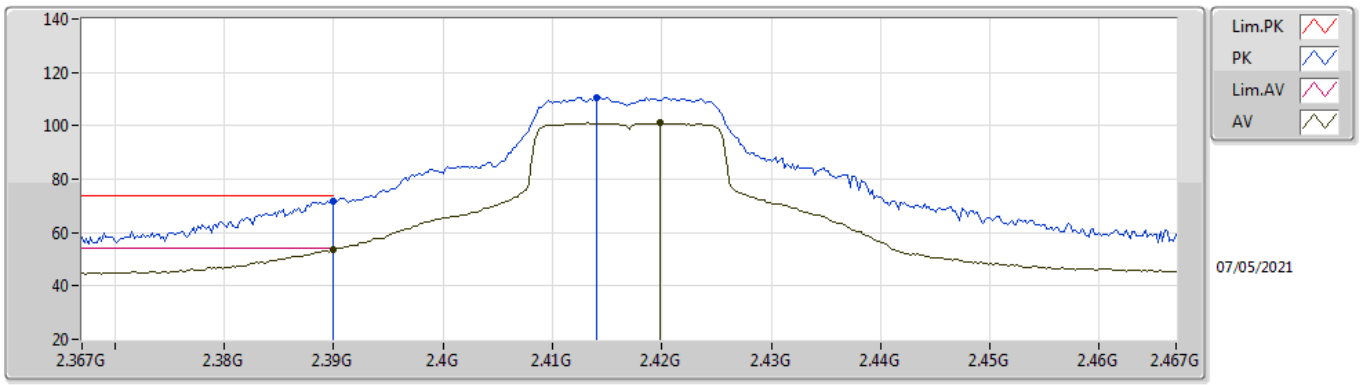
2412MHz_TX



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	4.824G	33.78	54.00	-20.22	1.58	3	Horizontal	37	1.00	-	32.20	31.20	5.31	34.93
PK	4.82402G	45.07	74.00	-28.93	1.58	3	Horizontal	37	1.00	-	43.49	31.20	5.31	34.93

802.11g_Nss1,(6Mbps)_1TX

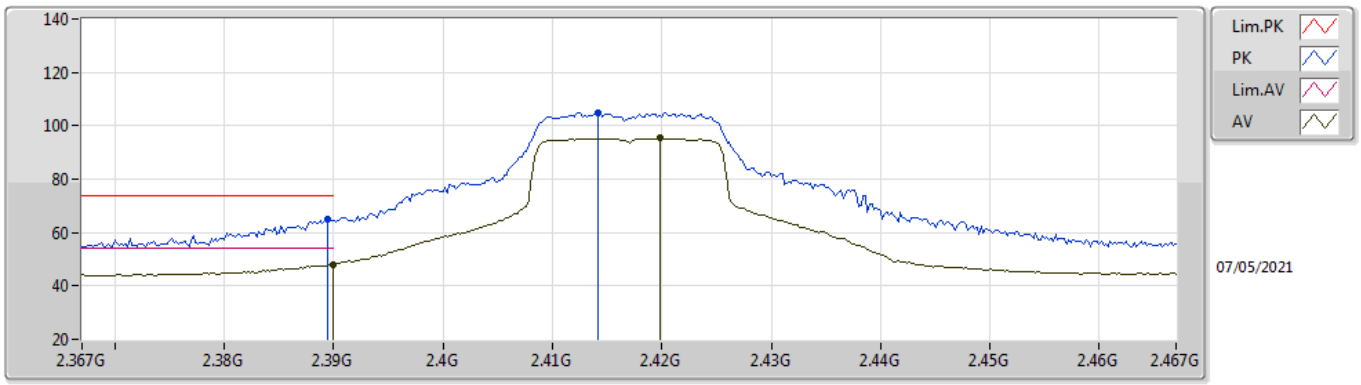
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	53.76	54.00	-0.24	31.52	3	Vertical	92	2.38	-	22.24	27.64	3.88	-
AV	2.4198G	101.10	Inf	-Inf	31.53	3	Vertical	92	2.38	-	69.57	27.60	3.93	-
PK	2.39G	71.81	74.00	-2.19	31.52	3	Vertical	92	2.38	-	40.29	27.64	3.88	-
PK	2.414G	110.76	Inf	-Inf	31.52	3	Vertical	92	2.38	-	79.24	27.60	3.92	-

802.11g_Nss1,(6Mbps)_1TX

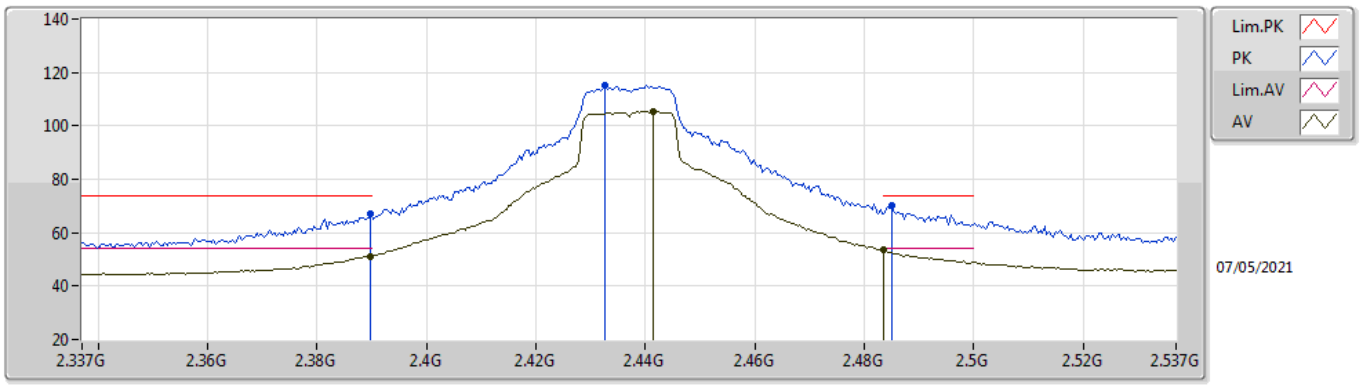
2417MHz_TX



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	48.12	54.00	-5.88	31.52	3	Horizontal	130	2.60	-	16.60	27.64	3.88	-
AV	2.4198G	95.29	Inf	-Inf	31.53	3	Horizontal	130	2.60	-	63.76	27.60	3.93	-
PK	2.3894G	64.80	74.00	-9.20	31.52	3	Horizontal	130	2.60	-	33.28	27.64	3.88	-
PK	2.4142G	104.95	Inf	-Inf	31.52	3	Horizontal	130	2.60	-	73.43	27.60	3.92	-

802.11g_Nss1,(6Mbps)_1TX

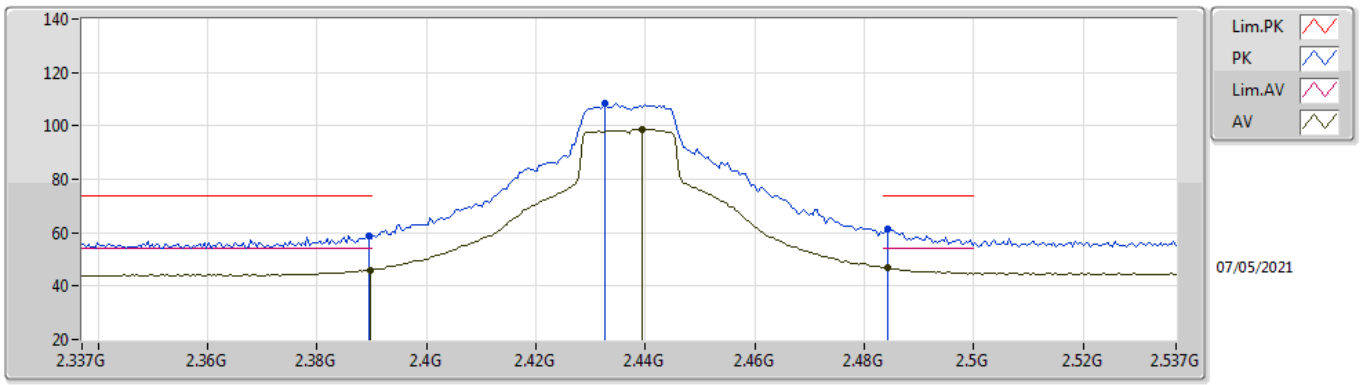
2437MHz_TX



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	51.04	54.00	-2.96	31.52	3	Vertical	5	1.81	-	19.52	27.64	3.88	-
AV	2.4414G	105.42	Inf	-Inf	31.56	3	Vertical	5	1.81	-	73.86	27.60	3.96	-
AV	2.4835G	53.62	54.00	-0.38	31.63	3	Vertical	5	1.81	-	21.99	27.60	4.03	-
PK	2.3898G	67.11	74.00	-6.89	31.52	3	Vertical	5	1.81	-	35.59	27.64	3.88	-
PK	2.4326G	115.26	Inf	-Inf	31.55	3	Vertical	5	1.81	-	83.71	27.60	3.95	-
PK	2.485G	70.09	74.00	-3.91	31.63	3	Vertical	5	1.81	-	38.46	27.60	4.03	-

802.11g_Nss1,(6Mbps)_1TX

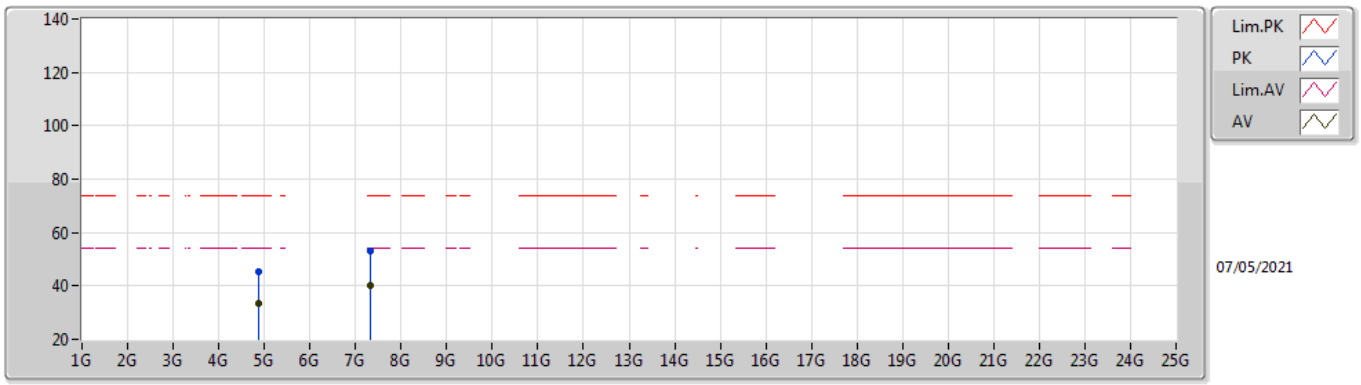
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	46.10	54.00	-7.90	31.52	3	Horizontal	125	2.59	-	14.58	27.64	3.88	-
AV	2.4394G	98.78	Inf	-Inf	31.56	3	Horizontal	125	2.59	-	67.22	27.60	3.96	-
AV	2.4842G	46.99	54.00	-7.01	31.63	3	Horizontal	125	2.59	-	15.36	27.60	4.03	-
PK	2.3894G	58.87	74.00	-15.13	31.52	3	Horizontal	125	2.59	-	27.35	27.64	3.88	-
PK	2.4326G	108.57	Inf	-Inf	31.55	3	Horizontal	125	2.59	-	77.02	27.60	3.95	-
PK	2.4842G	61.61	74.00	-12.39	31.63	3	Horizontal	125	2.59	-	29.98	27.60	4.03	-

802.11g_Nss1,(6Mbps)_1TX

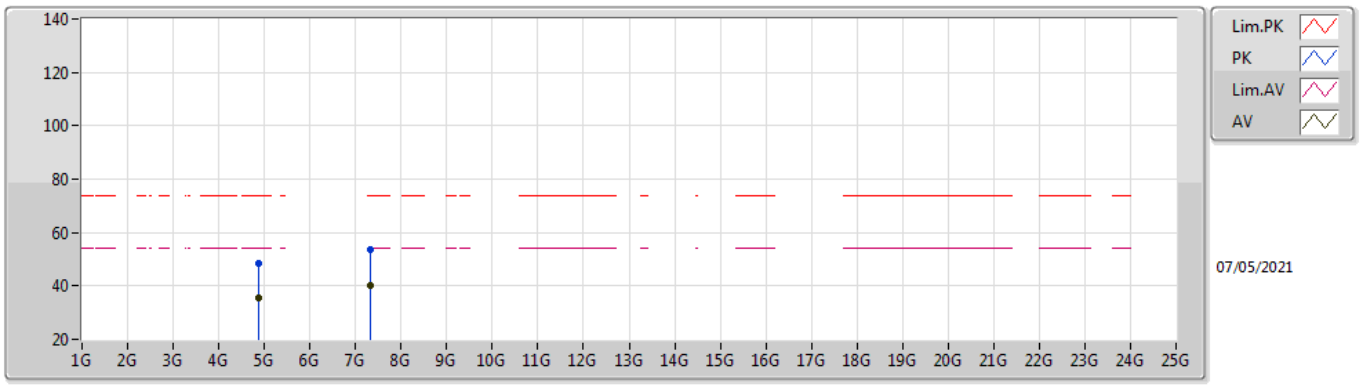
2437MHz_TX



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	4.8739G	33.22	54.00	-20.78	1.66	3	Vertical	67	1.93	-	31.56	31.25	5.34	34.93
AV	7.31214G	40.15	54.00	-13.85	8.20	3	Vertical	29	1.50	-	31.95	36.58	6.80	35.18
PK	4.87392G	45.10	74.00	-28.90	1.66	3	Vertical	67	1.93	-	43.44	31.25	5.34	34.93
PK	7.31408G	52.93	74.00	-21.07	8.19	3	Vertical	29	1.50	-	44.74	36.57	6.80	35.18

802.11g_Nss1,(6Mbps)_1TX

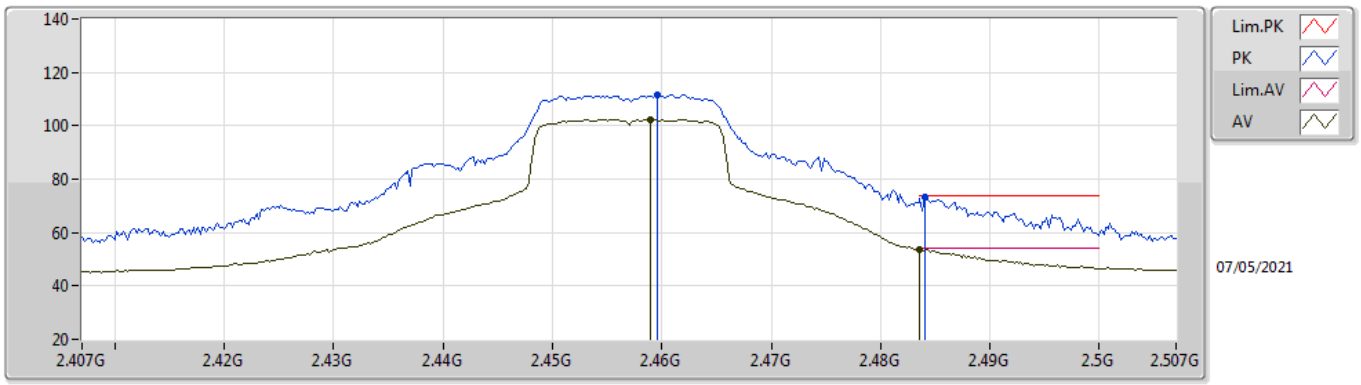
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87392G	35.28	54.00	-18.72	1.66	3	Horizontal	53	1.16	-	33.62	31.25	5.34	34.93
AV	7.31374G	39.94	54.00	-14.06	8.19	3	Horizontal	163	1.61	-	31.75	36.57	6.80	35.18
PK	4.87732G	48.29	74.00	-25.71	1.66	3	Horizontal	53	1.16	-	46.63	31.25	5.34	34.93
PK	7.31386G	53.71	74.00	-20.29	8.19	3	Horizontal	163	1.61	-	45.52	36.57	6.80	35.18

802.11g_Nss1,(6Mbps)_1TX

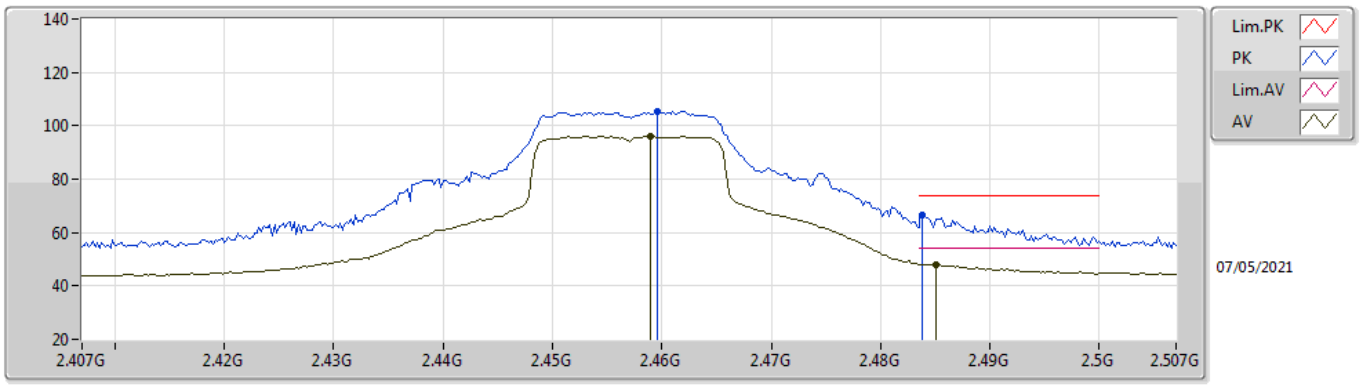
2457MHz_TX



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	2.459G	102.39	Inf	-Inf	31.59	3	Vertical	360	2.05	-	70.80	27.60	3.99	-
AV	2.4835G	53.60	54.00	-0.40	31.63	3	Vertical	360	2.05	-	21.97	27.60	4.03	-
PK	2.4596G	111.73	Inf	-Inf	31.59	3	Vertical	360	2.05	-	80.14	27.60	3.99	-
PK	2.484G	73.50	74.00	-0.50	31.63	3	Vertical	360	2.05	-	41.87	27.60	4.03	-

802.11g_Nss1,(6Mbps)_1TX

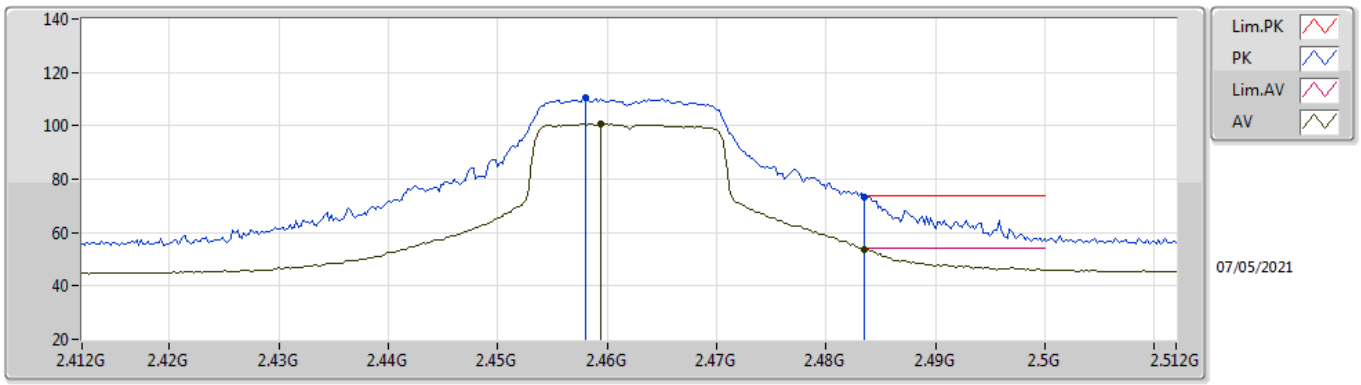
2457MHz_TX



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	2.459G	95.98	Inf	-Inf	31.59	3	Horizontal	128	2.50	-	64.39	27.60	3.99	-
AV	2.485G	48.14	54.00	-5.86	31.63	3	Horizontal	128	2.50	-	16.51	27.60	4.03	-
PK	2.4596G	105.36	Inf	-Inf	31.59	3	Horizontal	128	2.50	-	73.77	27.60	3.99	-
PK	2.4838G	66.66	74.00	-7.34	31.63	3	Horizontal	128	2.50	-	35.03	27.60	4.03	-

802.11g_Nss1,(6Mbps)_1TX

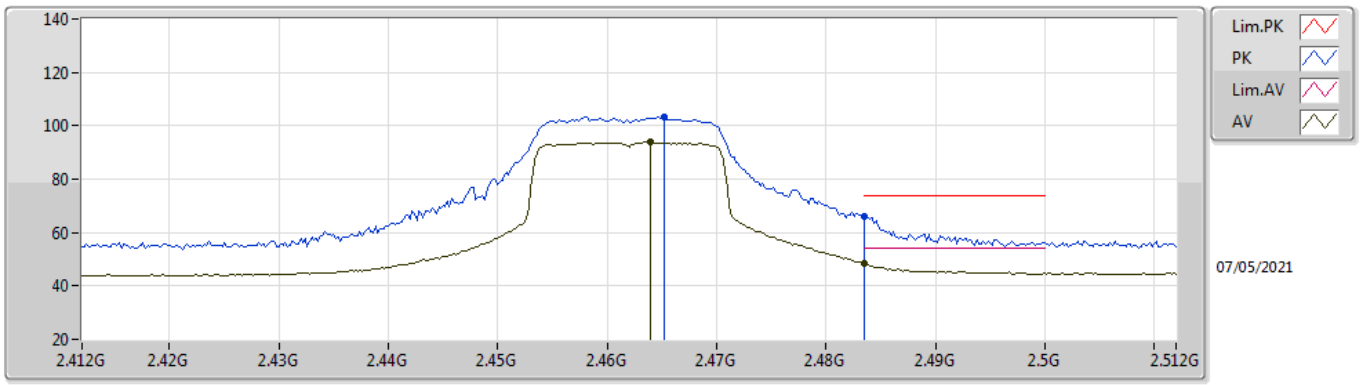
2462MHz_TX



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	2.4594G	100.72	Inf	-Inf	31.59	3	Vertical	354	2.05	-	69.13	27.60	3.99	-
AV	2.4835G	53.77	54.00	-0.23	31.63	3	Vertical	354	2.05	-	22.14	27.60	4.03	-
PK	2.458G	110.41	Inf	-Inf	31.59	3	Vertical	354	2.05	-	78.82	27.60	3.99	-
PK	2.4835G	73.23	74.00	-0.77	31.63	3	Vertical	354	2.05	-	41.60	27.60	4.03	-

802.11g_Nss1,(6Mbps)_1TX

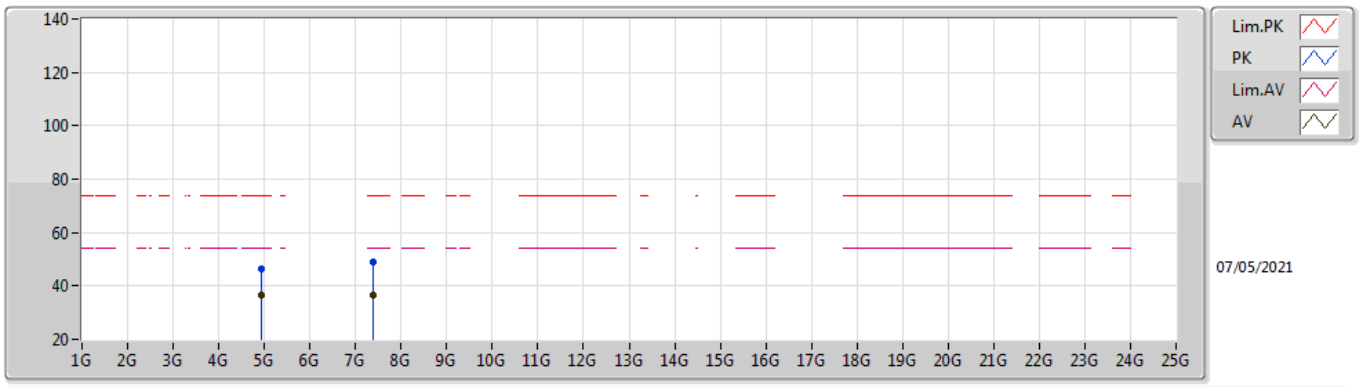
2462MHz_TX



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	2.464G	93.97	Inf	-Inf	31.60	3	Horizontal	127	2.50	-	62.37	27.60	4.00	-
AV	2.4835G	48.53	54.00	-5.47	31.63	3	Horizontal	127	2.50	-	16.90	27.60	4.03	-
PK	2.4652G	103.23	Inf	-Inf	31.60	3	Horizontal	127	2.50	-	71.63	27.60	4.00	-
PK	2.4835G	65.79	74.00	-8.21	31.63	3	Horizontal	127	2.50	-	34.16	27.60	4.03	-

802.11g_Nss1,(6Mbps)_1TX

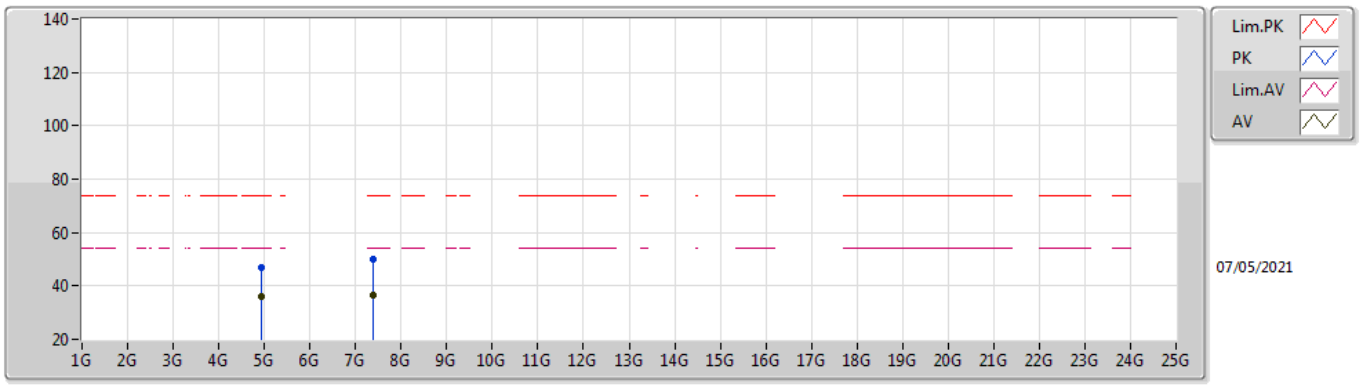
2462MHz_TX



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	36.31	54.00	-17.69	1.72	3	Vertical	68	2.00	-	34.59	31.30	5.36	34.94
AV	7.38686G	36.68	54.00	-17.32	8.05	3	Vertical	29	1.20	-	28.63	36.43	6.80	35.18
PK	4.92388G	46.51	74.00	-27.49	1.72	3	Vertical	68	2.00	-	44.79	31.30	5.36	34.94
PK	7.38622G	49.14	74.00	-24.86	8.05	3	Vertical	29	1.20	-	41.09	36.43	6.80	35.18

802.11g_Nss1,(6Mbps)_1TX

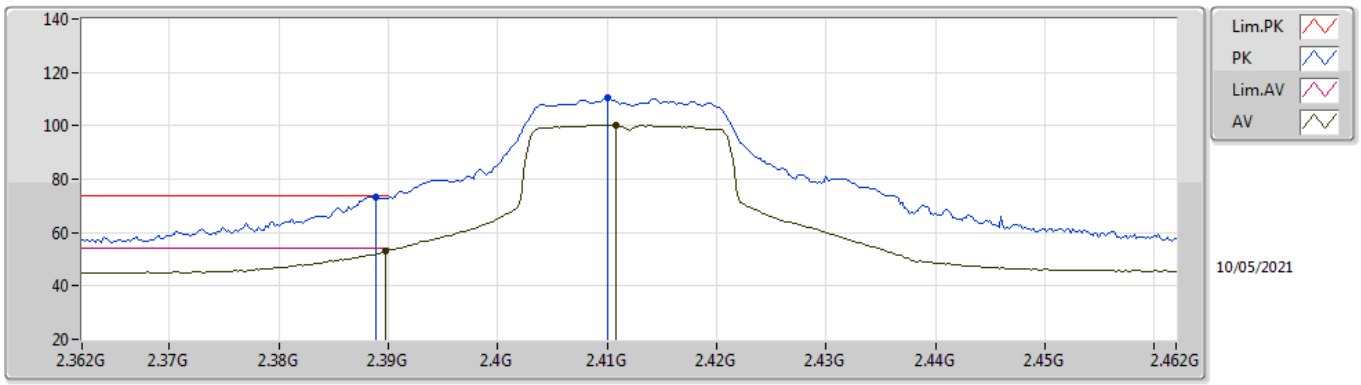
2462MHz_TX



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	4.92389G	36.20	54.00	-17.80	1.72	3	Horizontal	37	1.00	-	34.48	31.30	5.36	34.94
AV	7.38626G	36.52	54.00	-17.48	8.05	3	Horizontal	214	1.62	-	28.47	36.43	6.80	35.18
PK	4.92407G	46.66	74.00	-27.34	1.72	3	Horizontal	37	1.00	-	44.94	31.30	5.36	34.94
PK	7.38569G	50.22	74.00	-23.78	8.05	3	Horizontal	214	1.62	-	42.17	36.43	6.80	35.18

802.11n HT20_Nss1,(MCS0)_1TX

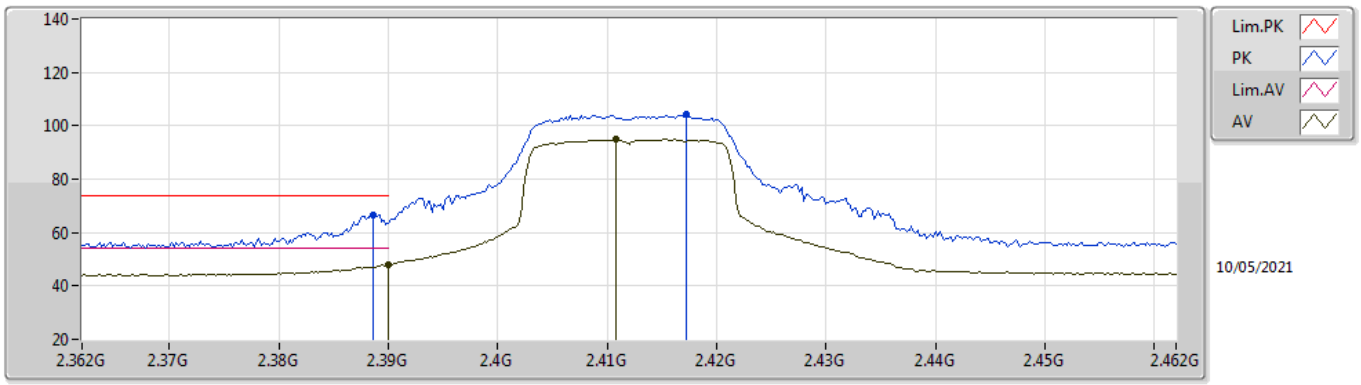
2412MHz_TX



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	53.06	54.00	-0.94	31.52	3	Vertical	86	2.13	-	21.54	27.64	3.88	-
AV	2.4108G	100.32	Inf	-Inf	31.52	3	Vertical	86	2.13	-	68.80	27.60	3.92	-
PK	2.3888G	73.28	74.00	-0.72	31.52	3	Vertical	86	2.13	-	41.76	27.64	3.88	-
PK	2.41G	110.26	Inf	-Inf	31.52	3	Vertical	86	2.13	-	78.74	27.60	3.92	-

802.11n HT20_Nss1,(MCS0)_1TX

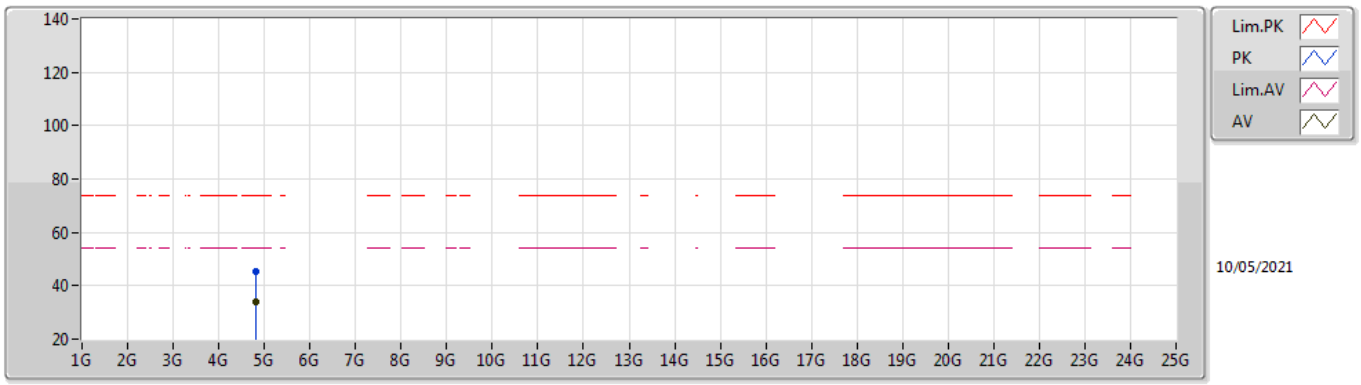
2412MHz_TX



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	47.99	54.00	-6.01	31.52	3	Horizontal	241	2.89	-	16.47	27.64	3.88	-
AV	2.4108G	94.92	Inf	-Inf	31.52	3	Horizontal	241	2.89	-	63.40	27.60	3.92	-
PK	2.3886G	66.68	74.00	-7.32	31.53	3	Horizontal	241	2.89	-	35.15	27.65	3.88	-
PK	2.4172G	104.10	Inf	-Inf	31.53	3	Horizontal	241	2.89	-	72.57	27.60	3.93	-

802.11n HT20_Nss1,(MCS0)_1TX

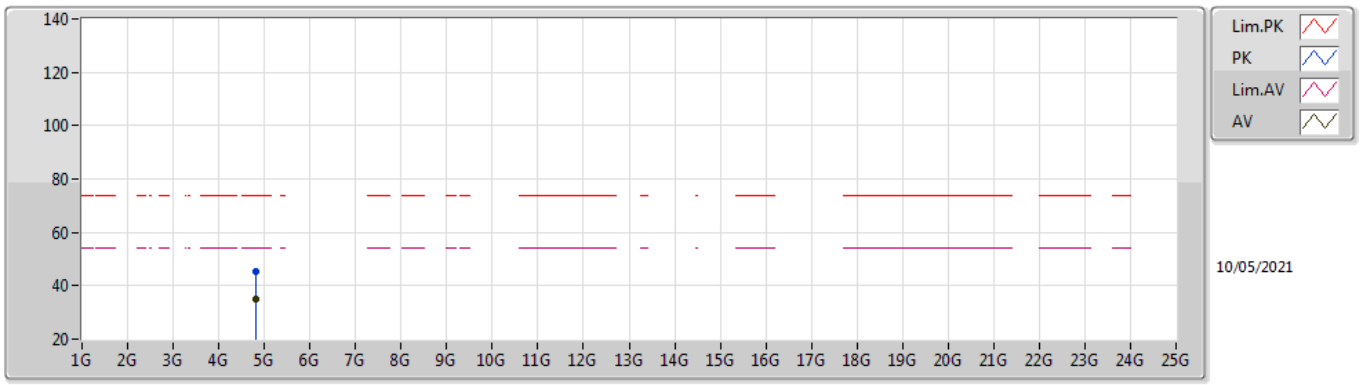
2412MHz_TX



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	4.82391G	34.17	54.00	-19.83	1.58	3	Vertical	73	1.12	-	32.59	31.20	5.31	34.93
PK	4.82397G	45.44	74.00	-28.56	1.58	3	Vertical	73	1.12	-	43.86	31.20	5.31	34.93

802.11n HT20_Nss1,(MCS0)_1TX

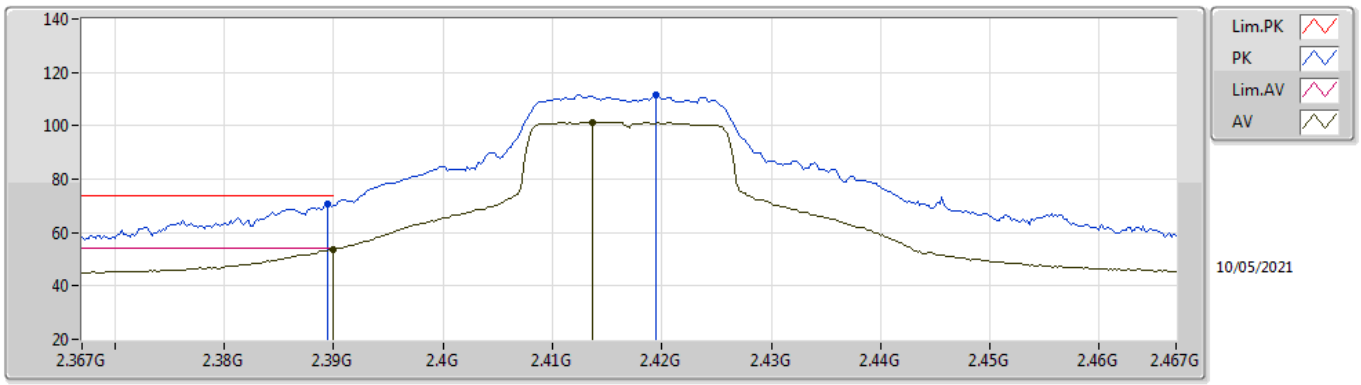
2412MHz_TX



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	4.82392G	34.89	54.00	-19.11	1.58	3	Horizontal	29	1.11	-	33.31	31.20	5.31	34.93
PK	4.82398G	45.57	74.00	-28.43	1.58	3	Horizontal	29	1.11	-	43.99	31.20	5.31	34.93

802.11n HT20_Nss1,(MCS0)_1TX

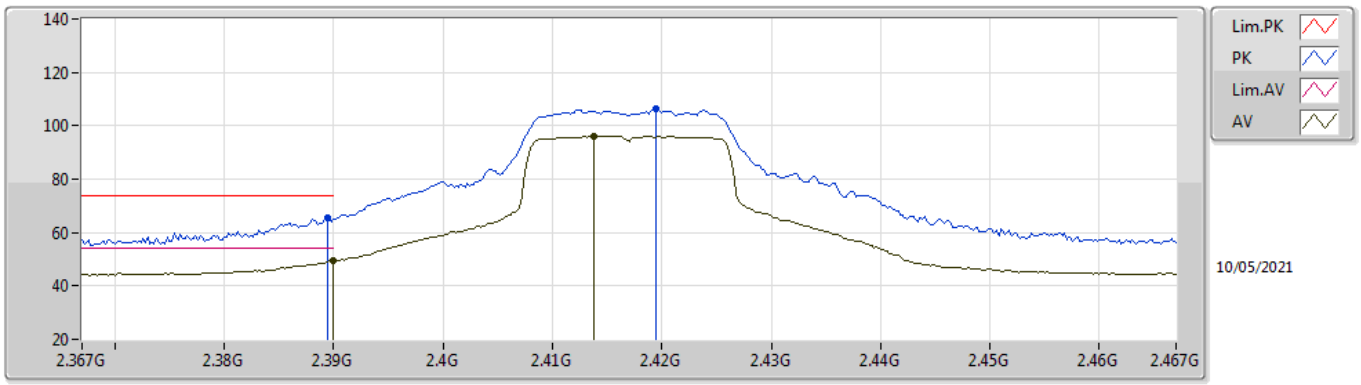
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	53.84	54.00	-0.16	31.52	3	Vertical	86	2.13	-	22.32	27.64	3.88	-
AV	2.4136G	101.43	Inf	-Inf	31.52	3	Vertical	86	2.13	-	69.91	27.60	3.92	-
PK	2.3894G	70.77	74.00	-3.23	31.52	3	Vertical	86	2.13	-	39.25	27.64	3.88	-
PK	2.4194G	111.44	Inf	-Inf	31.53	3	Vertical	86	2.13	-	79.91	27.60	3.93	-

802.11n HT20_Nss1,(MCS0)_1TX

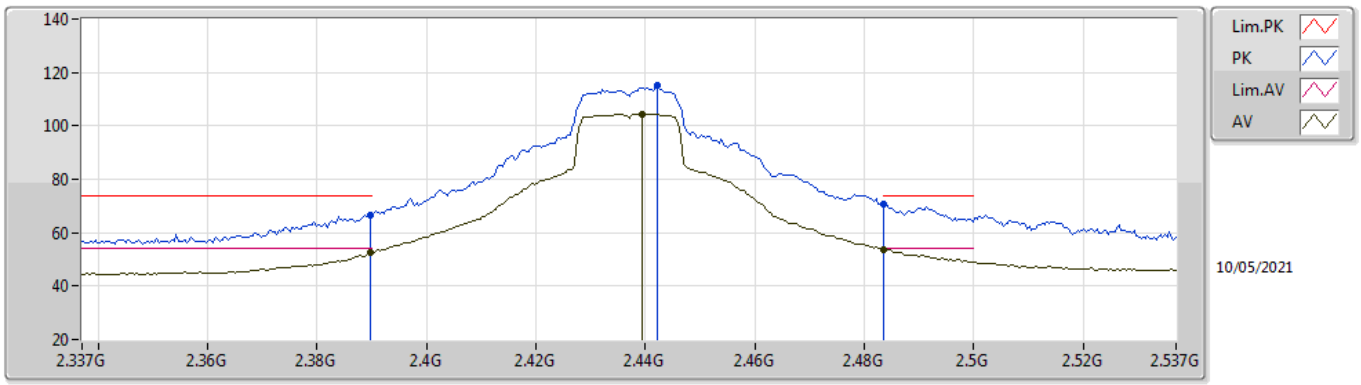
2417MHz_TX



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	49.48	54.00	-4.52	31.52	3	Horizontal	238	2.92	-	17.96	27.64	3.88	-
AV	2.4138G	96.27	Inf	-Inf	31.52	3	Horizontal	238	2.92	-	64.75	27.60	3.92	-
PK	2.3894G	65.37	74.00	-8.63	31.52	3	Horizontal	238	2.92	-	33.85	27.64	3.88	-
PK	2.4194G	106.37	Inf	-Inf	31.53	3	Horizontal	238	2.92	-	74.84	27.60	3.93	-

802.11n HT20_Nss1,(MCS0)_1TX

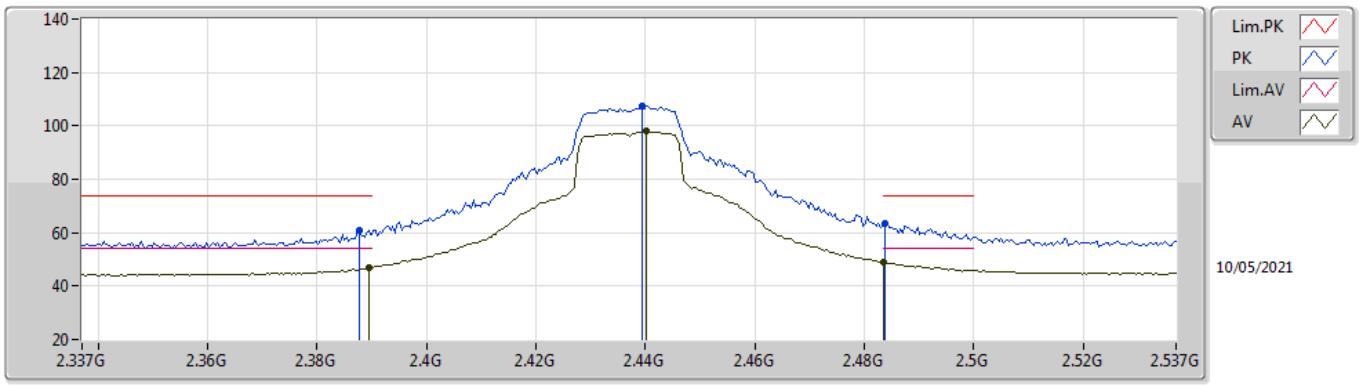
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	52.45	54.00	-1.55	31.52	3	Vertical	6	2.08	-	20.93	27.64	3.88	-
AV	2.4394G	104.45	Inf	-Inf	31.56	3	Vertical	6	2.08	-	72.89	27.60	3.96	-
AV	2.4835G	53.81	54.00	-0.19	31.63	3	Vertical	6	2.08	-	22.18	27.60	4.03	-
PK	2.3898G	66.77	74.00	-7.23	31.52	3	Vertical	6	2.08	-	35.25	27.64	3.88	-
PK	2.4422G	115.06	Inf	-Inf	31.56	3	Vertical	6	2.08	-	83.50	27.60	3.96	-
PK	2.4835G	70.63	74.00	-3.37	31.63	3	Vertical	6	2.08	-	39.00	27.60	4.03	-

802.11n HT20_Nss1,(MCS0)_1TX

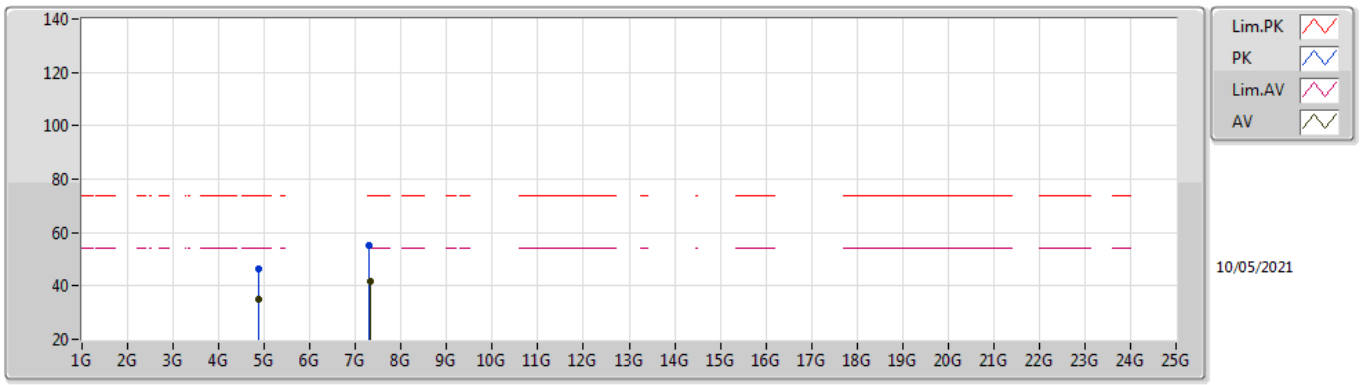
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3894G	46.76	54.00	-7.24	31.52	3	Horizontal	119	2.55	-	15.24	27.64	3.88	-
AV	2.4402G	97.86	Inf	-Inf	31.56	3	Horizontal	119	2.55	-	66.30	27.60	3.96	-
AV	2.4835G	48.92	54.00	-5.08	31.63	3	Horizontal	119	2.55	-	17.29	27.60	4.03	-
PK	2.3878G	61.03	74.00	-12.97	31.53	3	Horizontal	119	2.55	-	29.50	27.65	3.88	-
PK	2.4394G	107.49	Inf	-Inf	31.56	3	Horizontal	119	2.55	-	75.93	27.60	3.96	-
PK	2.4838G	63.47	74.00	-10.53	31.63	3	Horizontal	119	2.55	-	31.84	27.60	4.03	-

802.11n HT20_Nss1,(MCS0)_1TX

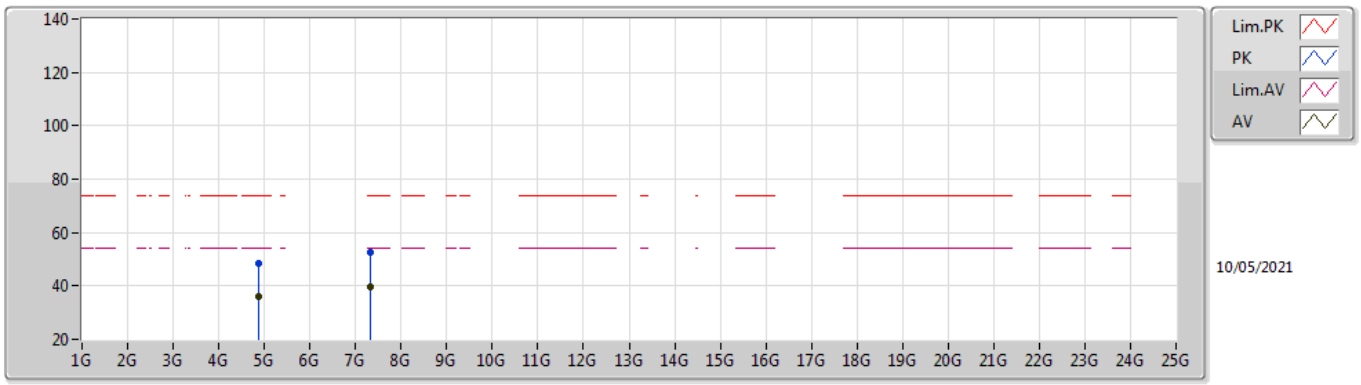
2437MHz_TX



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	4.87409G	34.87	54.00	-19.13	1.66	3	Vertical	45	1.94	-	33.21	31.25	5.34	34.93
AV	7.31082G	41.94	54.00	-12.06	8.20	3	Vertical	38	1.00	-	33.74	36.58	6.80	35.18
PK	4.87376G	46.46	74.00	-27.54	1.66	3	Vertical	45	1.94	-	44.80	31.25	5.34	34.93
PK	7.3077G	55.06	74.00	-18.94	8.20	3	Vertical	38	1.00	-	46.86	36.58	6.80	35.18

802.11n HT20_Nss1,(MCS0)_1TX

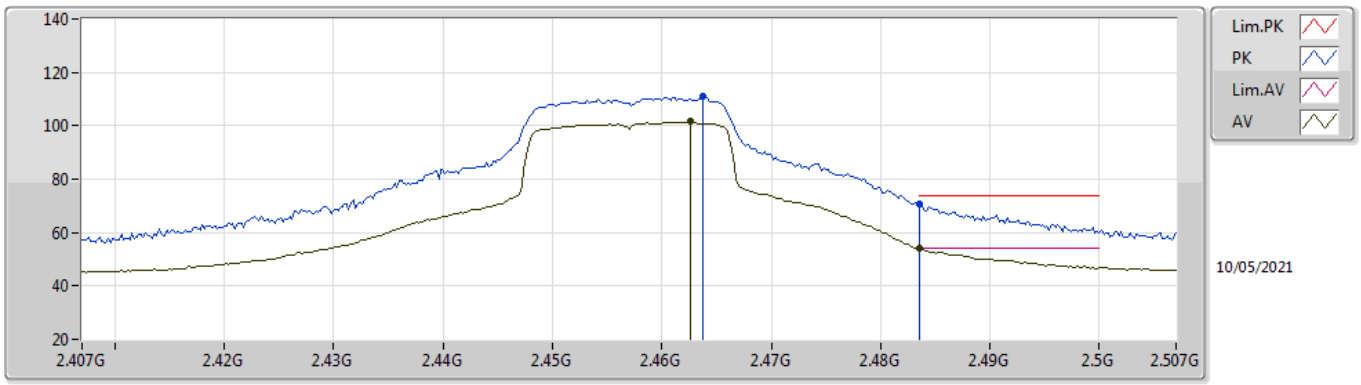
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.874G	35.85	54.00	-18.15	1.66	3	Horizontal	31	1.25	-	34.19	31.25	5.34	34.93
AV	7.31292G	39.50	54.00	-14.50	8.19	3	Horizontal	42	1.71	-	31.31	36.57	6.80	35.18
PK	4.87401G	48.52	74.00	-25.48	1.66	3	Horizontal	31	1.25	-	46.86	31.25	5.34	34.93
PK	7.3111G	52.79	74.00	-21.21	8.20	3	Horizontal	42	1.71	-	44.59	36.58	6.80	35.18

802.11n HT20_Nss1,(MCS0)_1TX

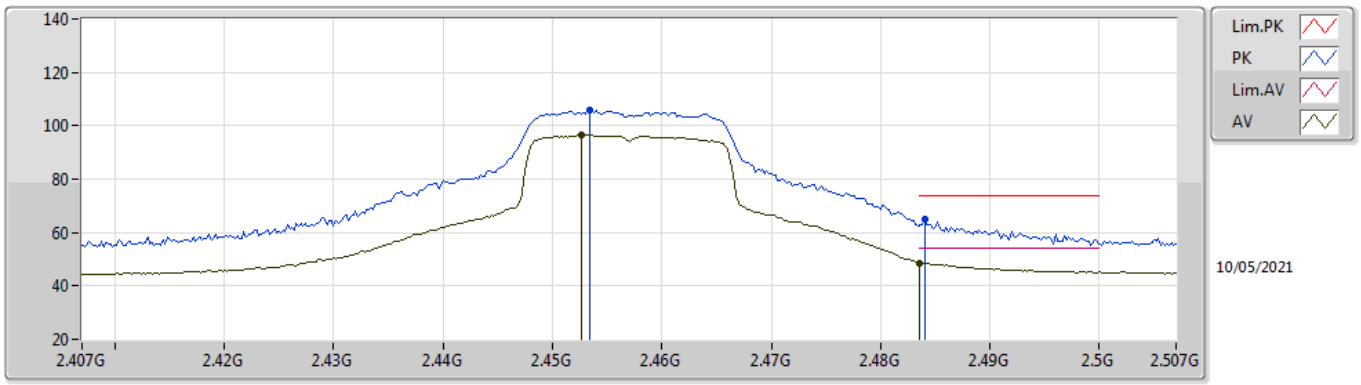
2457MHz_TX



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	2.4626G	101.50	Inf	-Inf	31.59	3	Vertical	96	1.38	-	69.91	27.60	3.99	-
AV	2.4835G	53.92	54.00	-0.08	31.63	3	Vertical	96	1.38	-	22.29	27.60	4.03	-
PK	2.4638G	110.90	Inf	-Inf	31.60	3	Vertical	96	1.38	-	79.30	27.60	4.00	-
PK	2.4835G	70.62	74.00	-3.38	31.63	3	Vertical	96	1.38	-	38.99	27.60	4.03	-

802.11n HT20_Nss1,(MCS0)_1TX

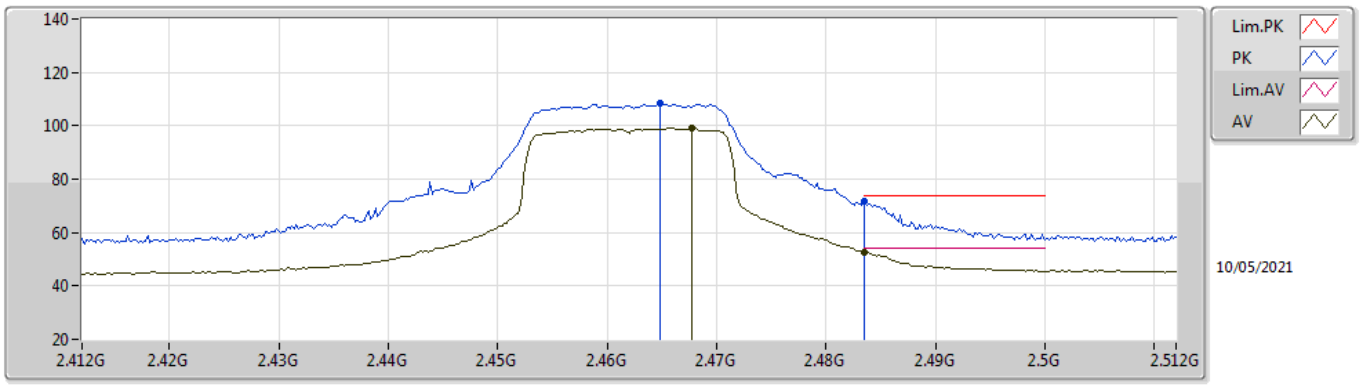
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4526G	96.39	Inf	-Inf	31.58	3	Horizontal	238	2.84	-	64.81	27.60	3.98	-
AV	2.4836G	48.66	54.00	-5.34	31.63	3	Horizontal	238	2.84	-	17.03	27.60	4.03	-
PK	2.4534G	105.94	Inf	-Inf	31.58	3	Horizontal	238	2.84	-	74.36	27.60	3.98	-
PK	2.484G	64.79	74.00	-9.21	31.63	3	Horizontal	238	2.84	-	33.16	27.60	4.03	-

802.11n HT20_Nss1,(MCS0)_1TX

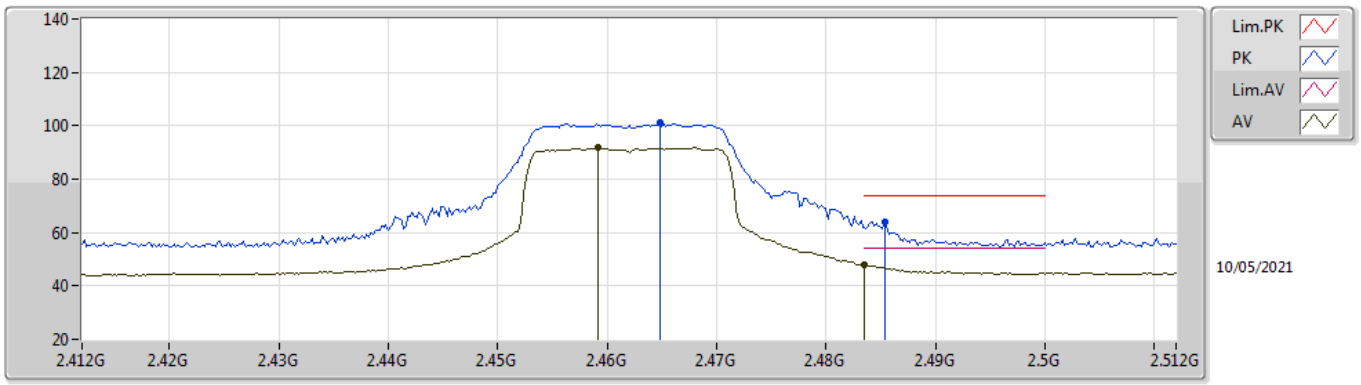
2462MHz_TX



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	2.4678G	99.10	Inf	-Inf	31.60	3	Vertical	98	1.38	-	67.50	27.60	4.00	-
AV	2.4835G	52.69	54.00	-1.31	31.63	3	Vertical	98	1.38	-	21.06	27.60	4.03	-
PK	2.4648G	108.27	Inf	-Inf	31.60	3	Vertical	98	1.38	-	76.67	27.60	4.00	-
PK	2.4835G	71.55	74.00	-2.45	31.63	3	Vertical	98	1.38	-	39.92	27.60	4.03	-

802.11n HT20_Nss1,(MCS0)_1TX

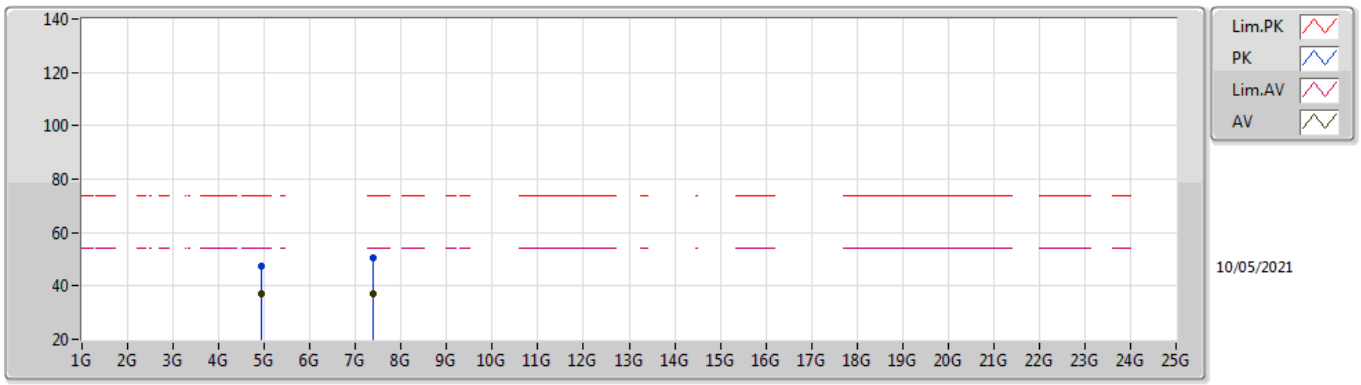
2462MHz_TX



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	2.4592G	91.77	Inf	-Inf	31.59	3	Horizontal	136	1.79	-	60.18	27.60	3.99	-
AV	2.4835G	47.77	54.00	-6.23	31.63	3	Horizontal	136	1.79	-	16.14	27.60	4.03	-
PK	2.4648G	101.00	Inf	-Inf	31.60	3	Horizontal	136	1.79	-	69.40	27.60	4.00	-
PK	2.4854G	63.99	74.00	-10.01	31.63	3	Horizontal	136	1.79	-	32.36	27.60	4.03	-

802.11n HT20_Nss1,(MCS0)_1TX

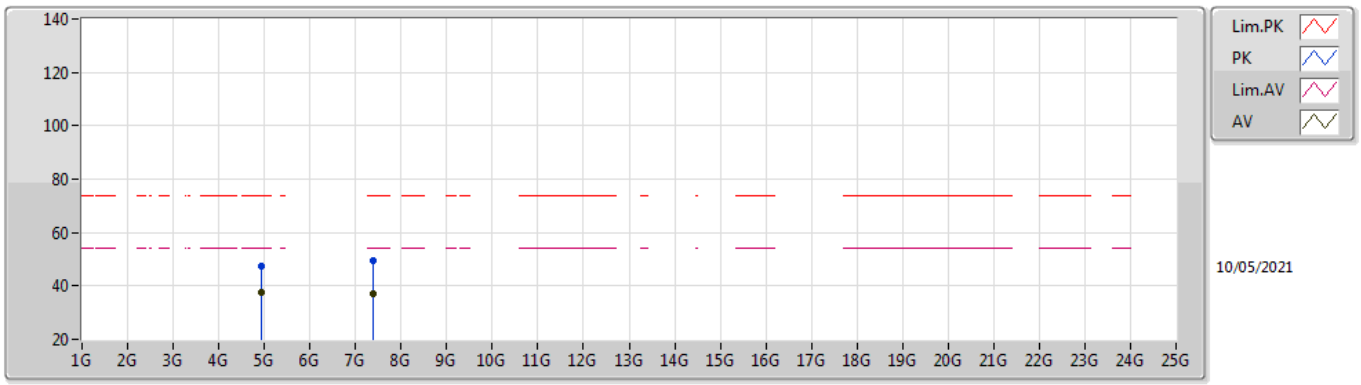
2462MHz_TX



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	36.95	54.00	-17.05	1.72	3	Vertical	69	1.76	-	35.23	31.30	5.36	34.94
AV	7.38838G	37.16	54.00	-16.84	8.04	3	Vertical	42	1.50	-	29.12	36.42	6.80	35.18
PK	4.92447G	47.16	74.00	-26.84	1.72	3	Vertical	69	1.76	-	45.44	31.30	5.36	34.94
PK	7.38566G	50.29	74.00	-23.71	8.05	3	Vertical	42	1.50	-	42.24	36.43	6.80	35.18

802.11n HT20_Nss1,(MCS0)_1TX

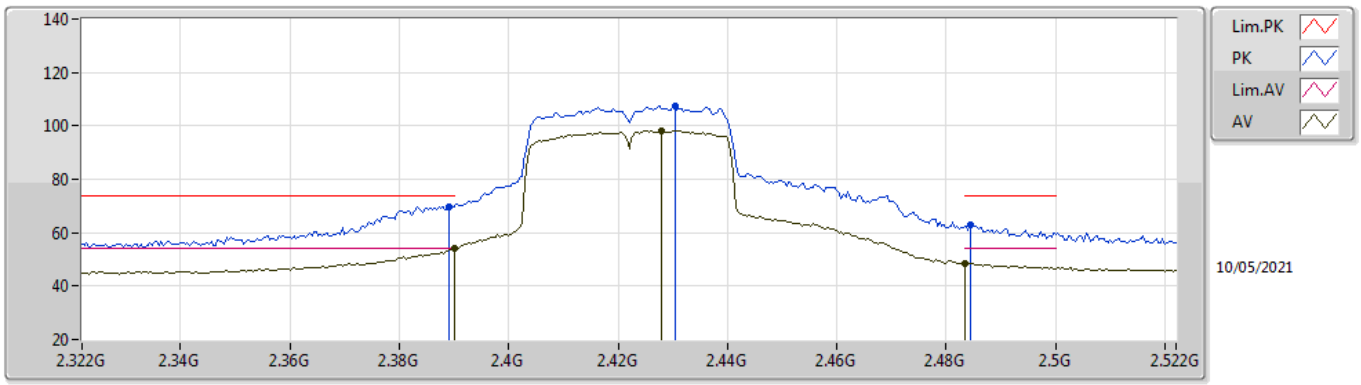
2462MHz_TX



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	4.92399G	37.35	54.00	-16.65	1.72	3	Horizontal	34	1.00	-	35.63	31.30	5.36	34.94
AV	7.38565G	36.82	54.00	-17.18	8.05	3	Horizontal	302	1.03	-	28.77	36.43	6.80	35.18
PK	4.92413G	47.27	74.00	-26.73	1.72	3	Horizontal	34	1.00	-	45.55	31.30	5.36	34.94
PK	7.38537G	49.41	74.00	-24.59	8.05	3	Horizontal	302	1.03	-	41.36	36.43	6.80	35.18

802.11n HT40_Nss1,(MCS0)_1TX

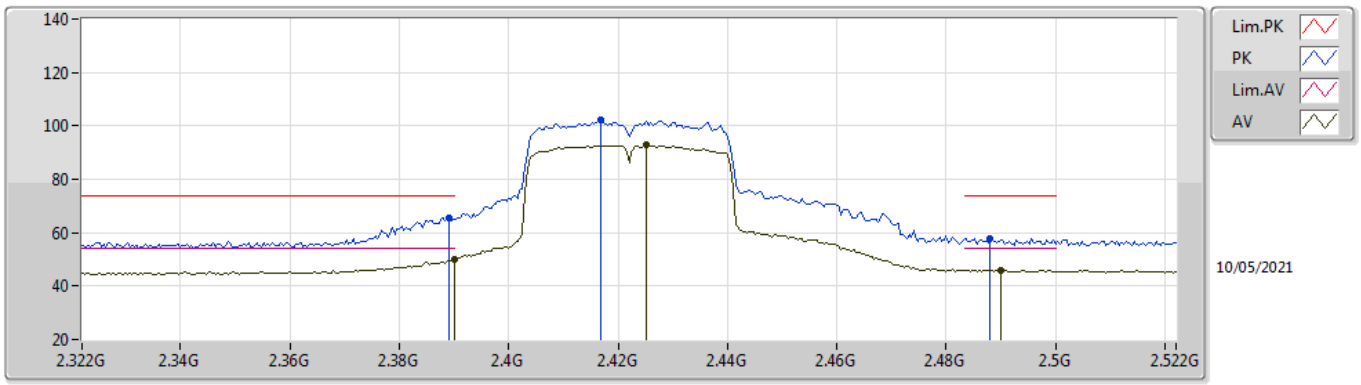
2422MHz_TX



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	2.39G	53.89	54.00	-0.11	31.52	3	Vertical	0	2.62	-	22.37	27.64	3.88	-
AV	2.428G	98.23	Inf	-Inf	31.54	3	Vertical	0	2.62	-	66.69	27.60	3.94	-
AV	2.4835G	48.50	54.00	-5.50	31.63	3	Vertical	0	2.62	-	16.87	27.60	4.03	-
PK	2.3892G	69.77	74.00	-4.23	31.52	3	Vertical	0	2.62	-	38.25	27.64	3.88	-
PK	2.4304G	107.39	Inf	-Inf	31.55	3	Vertical	0	2.62	-	75.84	27.60	3.95	-
PK	2.4844G	62.77	74.00	-11.23	31.63	3	Vertical	0	2.62	-	31.14	27.60	4.03	-

802.11n HT40_Nss1,(MCS0)_1TX

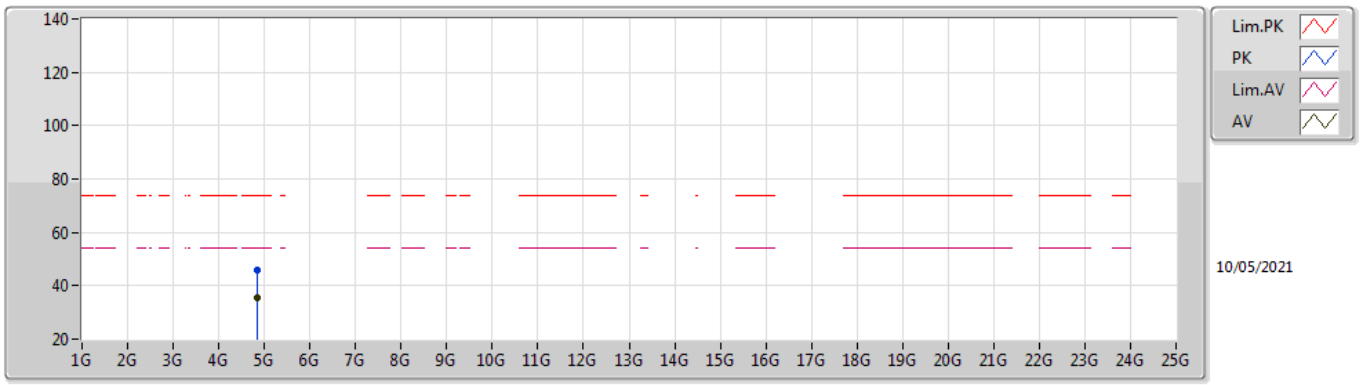
2422MHz_TX



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	2.39G	50.08	54.00	-3.92	31.52	3	Horizontal	240	2.90	-	18.56	27.64	3.88	-
AV	2.4252G	92.69	Inf	-Inf	31.54	3	Horizontal	240	2.90	-	61.15	27.60	3.94	-
AV	2.49G	45.93	54.00	-8.07	31.64	3	Horizontal	240	2.90	-	14.29	27.60	4.04	-
PK	2.3892G	65.40	74.00	-8.60	31.52	3	Horizontal	240	2.90	-	33.88	27.64	3.88	-
PK	2.4168G	102.09	Inf	-Inf	31.53	3	Horizontal	240	2.90	-	70.56	27.60	3.93	-
PK	2.488G	57.80	74.00	-16.20	31.63	3	Horizontal	240	2.90	-	26.17	27.60	4.03	-

802.11n HT40_Nss1,(MCS0)_1TX

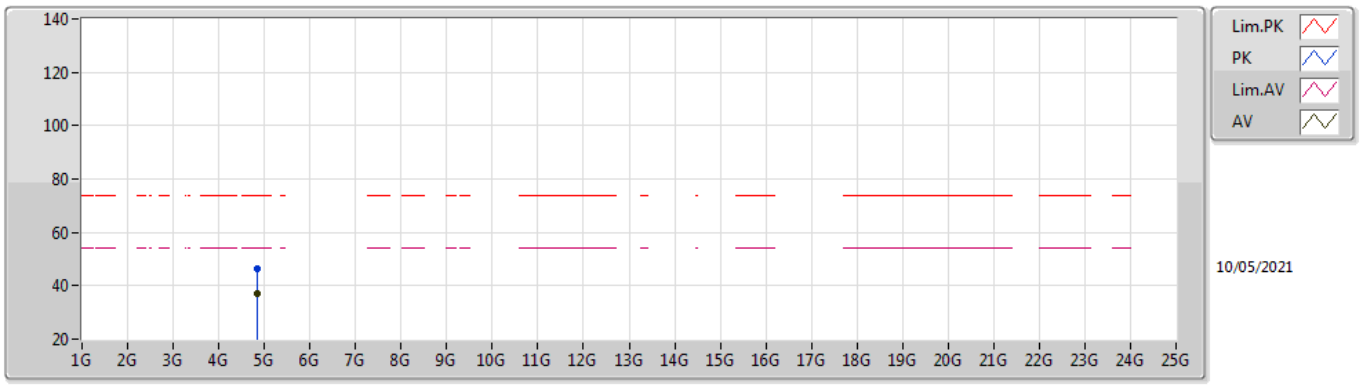
2422MHz_TX



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	4.84386G	35.53	54.00	-18.47	1.67	3	Vertical	66	1.63	-	33.86	31.28	5.32	34.93
PK	4.8439G	46.02	74.00	-27.98	1.67	3	Vertical	66	1.63	-	44.35	31.28	5.32	34.93

802.11n HT40_Nss1,(MCS0)_1TX

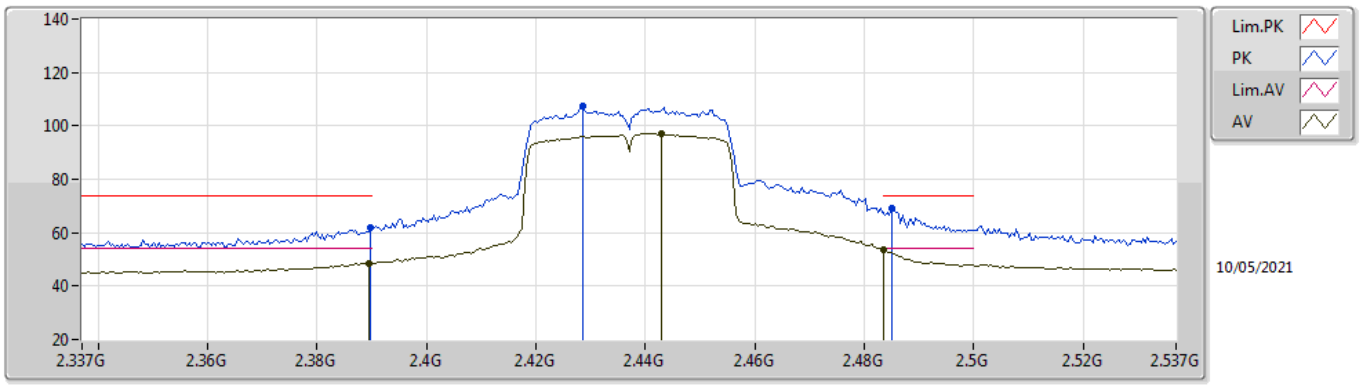
2422MHz_TX



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	4.84397G	37.15	54.00	-16.85	1.67	3	Horizontal	30	1.08	-	35.48	31.28	5.32	34.93
PK	4.8439G	46.41	74.00	-27.59	1.67	3	Horizontal	30	1.08	-	44.74	31.28	5.32	34.93

802.11n HT40_Nss1,(MCS0)_1TX

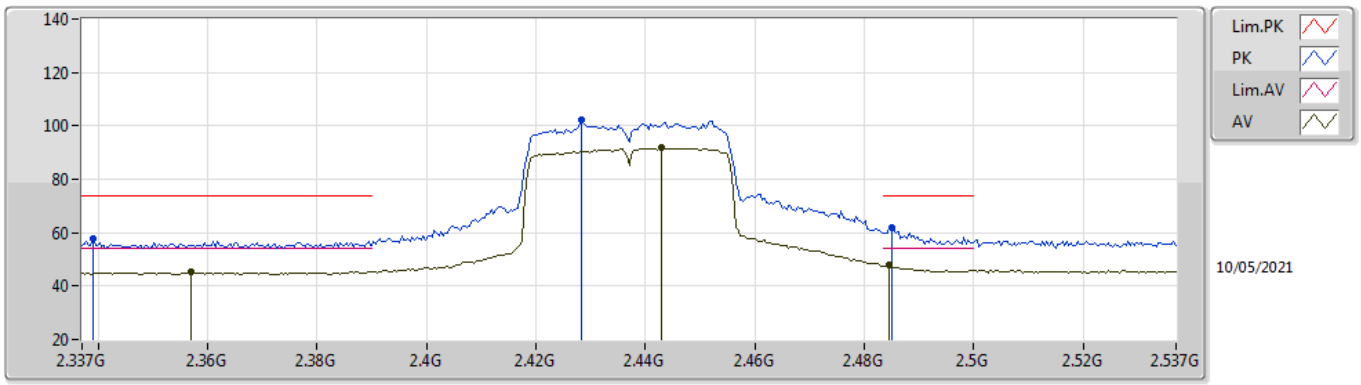
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3894G	48.66	54.00	-5.34	31.52	3	Vertical	10	1.80	-	17.14	27.64	3.88	-
AV	2.443G	97.24	Inf	-Inf	31.56	3	Vertical	10	1.80	-	65.68	27.60	3.96	-
AV	2.4835G	53.46	54.00	-0.54	31.63	3	Vertical	10	1.80	-	21.83	27.60	4.03	-
PK	2.3898G	61.93	74.00	-12.07	31.52	3	Vertical	10	1.80	-	30.41	27.64	3.88	-
PK	2.4286G	107.52	Inf	-Inf	31.54	3	Vertical	10	1.80	-	75.98	27.60	3.94	-
PK	2.485G	69.09	74.00	-4.91	31.63	3	Vertical	10	1.80	-	37.46	27.60	4.03	-

802.11n HT40_Nss1,(MCS0)_1TX

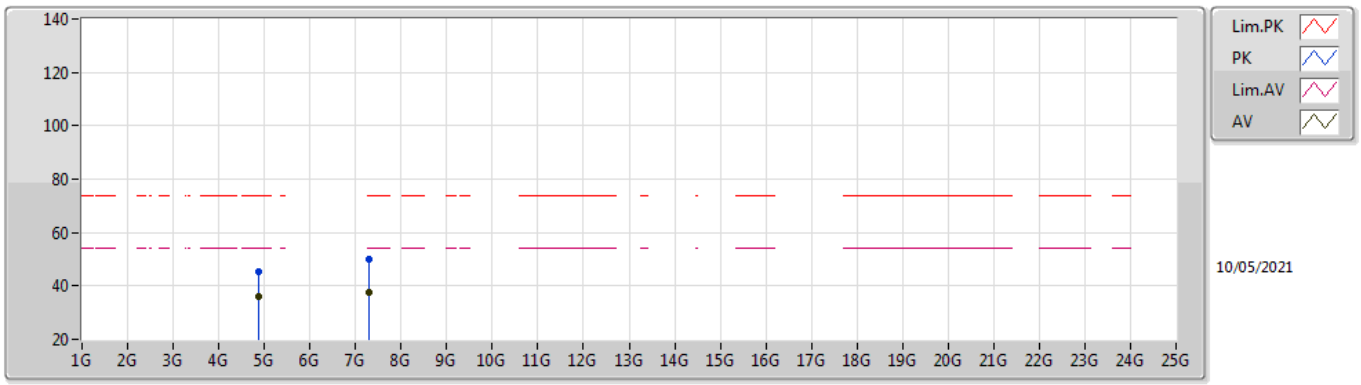
2437MHz_TX



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	2.357G	45.58	54.00	-8.42	31.61	3	Horizontal	237	2.86	-	13.97	27.77	3.84	-
AV	2.443G	91.73	Inf	-Inf	31.56	3	Horizontal	237	2.86	-	60.17	27.60	3.96	-
AV	2.4846G	47.81	54.00	-6.19	31.63	3	Horizontal	237	2.86	-	16.18	27.60	4.03	-
PK	2.339G	57.66	74.00	-16.34	31.63	3	Horizontal	237	2.86	-	26.03	27.82	3.81	-
PK	2.4282G	102.04	Inf	-Inf	31.54	3	Horizontal	237	2.86	-	70.50	27.60	3.94	-
PK	2.485G	61.90	74.00	-12.10	31.63	3	Horizontal	237	2.86	-	30.27	27.60	4.03	-

802.11n HT40_Nss1,(MCS0)_1TX

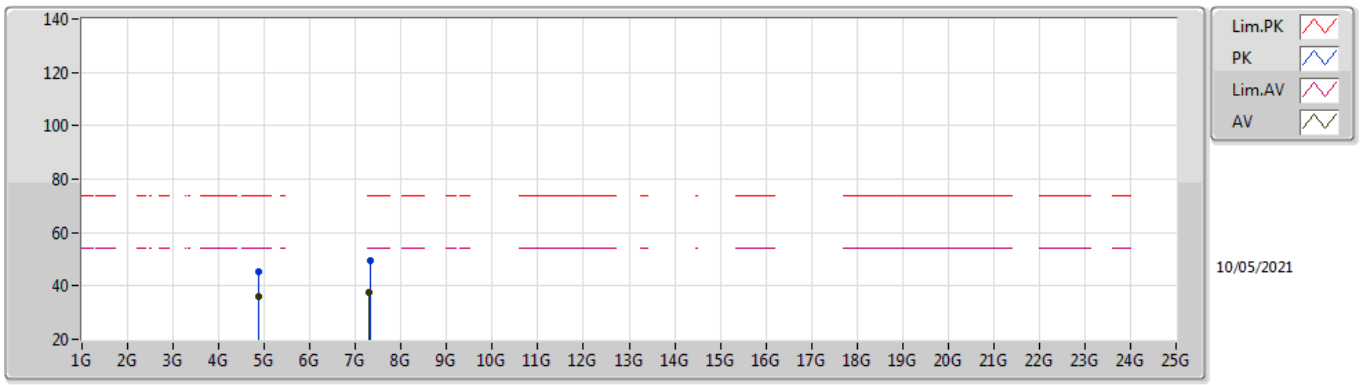
2437MHz_TX



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	35.86	54.00	-18.14	1.66	3	Vertical	45	1.93	-	34.20	31.25	5.34	34.93
AV	7.30957G	37.64	54.00	-16.36	8.20	3	Vertical	36	1.31	-	29.44	36.58	6.80	35.18
PK	4.87374G	45.22	74.00	-28.78	1.66	3	Vertical	45	1.93	-	43.56	31.25	5.34	34.93
PK	7.30874G	49.86	74.00	-24.14	8.20	3	Vertical	36	1.31	-	41.66	36.58	6.80	35.18

802.11n HT40_Nss1,(MCS0)_1TX

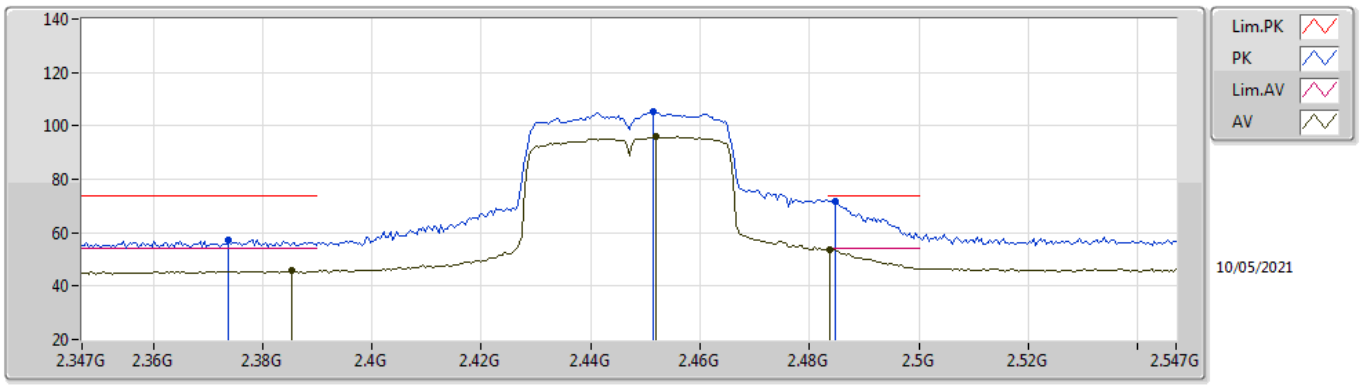
2437MHz_TX



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	4.87394G	36.20	54.00	-17.80	1.66	3	Horizontal	43	1.06	-	34.54	31.25	5.34	34.93
AV	7.3094G	37.35	54.00	-16.65	8.20	3	Horizontal	134	1.50	-	29.15	36.58	6.80	35.18
PK	4.87397G	45.39	74.00	-28.61	1.66	3	Horizontal	43	1.06	-	43.73	31.25	5.34	34.93
PK	7.31104G	49.33	74.00	-24.67	8.20	3	Horizontal	134	1.50	-	41.13	36.58	6.80	35.18

802.11n HT40_Nss1,(MCS0)_1TX

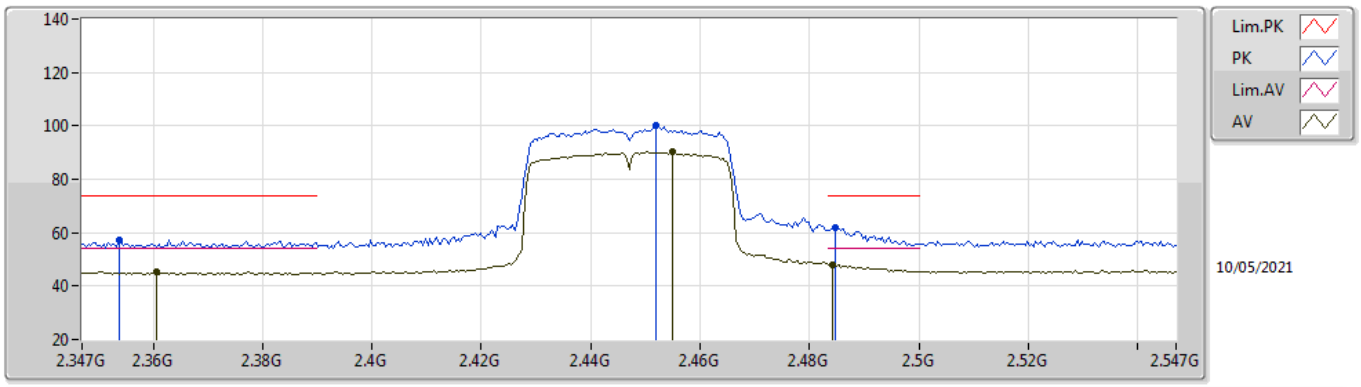
2447MHz_TX



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	2.3854G	45.67	54.00	-8.33	31.54	3	Vertical	349	2.04	-	14.13	27.66	3.88	-
AV	2.4518G	95.83	Inf	-Inf	31.58	3	Vertical	349	2.04	-	64.25	27.60	3.98	-
AV	2.4838G	53.62	54.00	-0.38	31.63	3	Vertical	349	2.04	-	21.99	27.60	4.03	-
PK	2.3738G	57.34	74.00	-16.66	31.56	3	Vertical	349	2.04	-	25.78	27.70	3.86	-
PK	2.4514G	105.47	Inf	-Inf	31.58	3	Vertical	349	2.04	-	73.89	27.60	3.98	-
PK	2.4846G	71.90	74.00	-2.10	31.63	3	Vertical	349	2.04	-	40.27	27.60	4.03	-

802.11n HT40_Nss1,(MCS0)_1TX

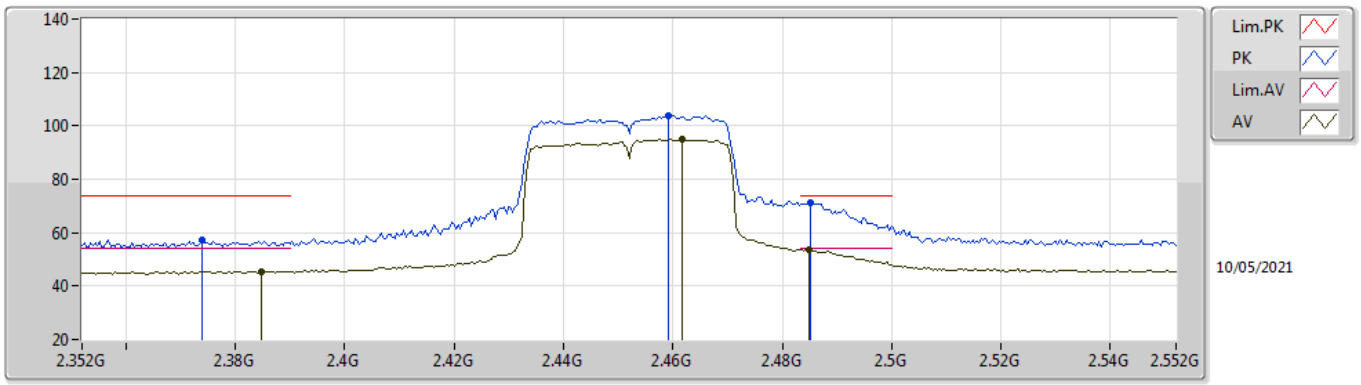
2447MHz_TX



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	2.3606G	45.31	54.00	-8.69	31.60	3	Horizontal	239	2.83	-	13.71	27.76	3.84	-
AV	2.455G	90.13	Inf	-Inf	31.58	3	Horizontal	239	2.83	-	58.55	27.60	3.98	-
AV	2.4842G	48.10	54.00	-5.90	31.63	3	Horizontal	239	2.83	-	16.47	27.60	4.03	-
PK	2.3538G	57.24	74.00	-16.76	31.61	3	Horizontal	239	2.83	-	25.63	27.78	3.83	-
PK	2.4518G	100.01	Inf	-Inf	31.58	3	Horizontal	239	2.83	-	68.43	27.60	3.98	-
PK	2.4846G	61.66	74.00	-12.34	31.63	3	Horizontal	239	2.83	-	30.03	27.60	4.03	-

802.11n HT40_Nss1,(MCS0)_1TX

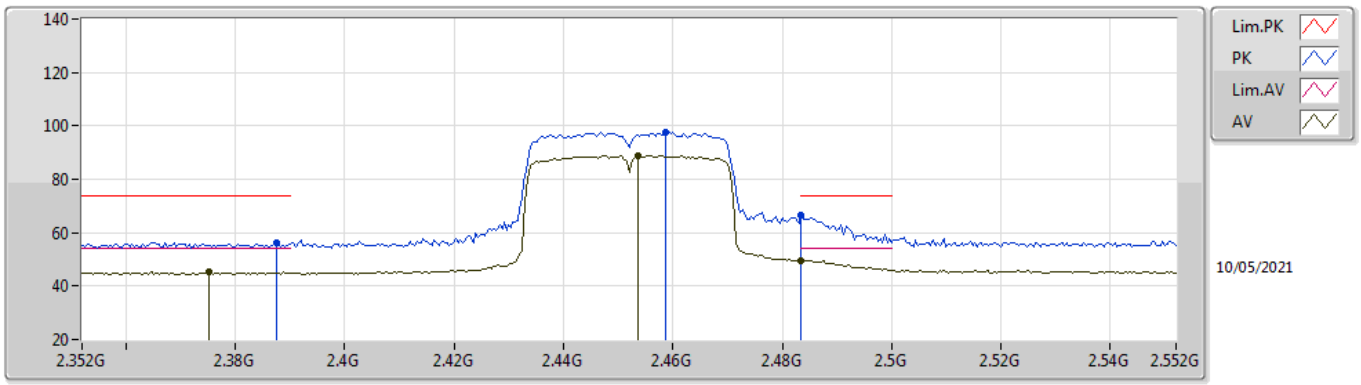
2452MHz_TX



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	2.3848G	45.47	54.00	-8.53	31.54	3	Vertical	98	1.41	-	13.93	27.66	3.88	-
AV	2.4616G	95.05	Inf	-Inf	31.59	3	Vertical	98	1.41	-	63.46	27.60	3.99	-
AV	2.4848G	53.63	54.00	-0.37	31.63	3	Vertical	98	1.41	-	22.00	27.60	4.03	-
PK	2.374G	57.12	74.00	-16.88	31.56	3	Vertical	98	1.41	-	25.56	27.70	3.86	-
PK	2.4592G	103.92	Inf	-Inf	31.59	3	Vertical	98	1.41	-	72.33	27.60	3.99	-
PK	2.4852G	71.00	74.00	-3.00	31.63	3	Vertical	98	1.41	-	39.37	27.60	4.03	-

802.11n HT40_Nss1,(MCS0)_1TX

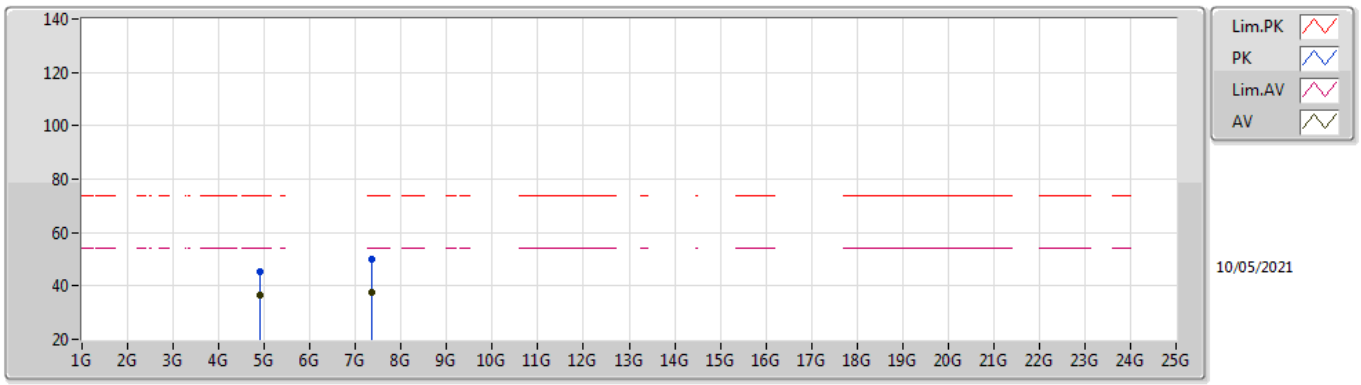
2452MHz_TX



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	2.3752G	45.20	54.00	-8.80	31.56	3	Horizontal	122	2.55	-	13.64	27.70	3.86	-
AV	2.4536G	88.92	Inf	-Inf	31.58	3	Horizontal	122	2.55	-	57.34	27.60	3.98	-
AV	2.4835G	49.70	54.00	-4.30	31.63	3	Horizontal	122	2.55	-	18.07	27.60	4.03	-
PK	2.3876G	56.36	74.00	-17.64	31.53	3	Horizontal	122	2.55	-	24.83	27.65	3.88	-
PK	2.4588G	97.57	Inf	-Inf	31.59	3	Horizontal	122	2.55	-	65.98	27.60	3.99	-
PK	2.4835G	66.33	74.00	-7.67	31.63	3	Horizontal	122	2.55	-	34.70	27.60	4.03	-

802.11n HT40_Nss1,(MCS0)_1TX

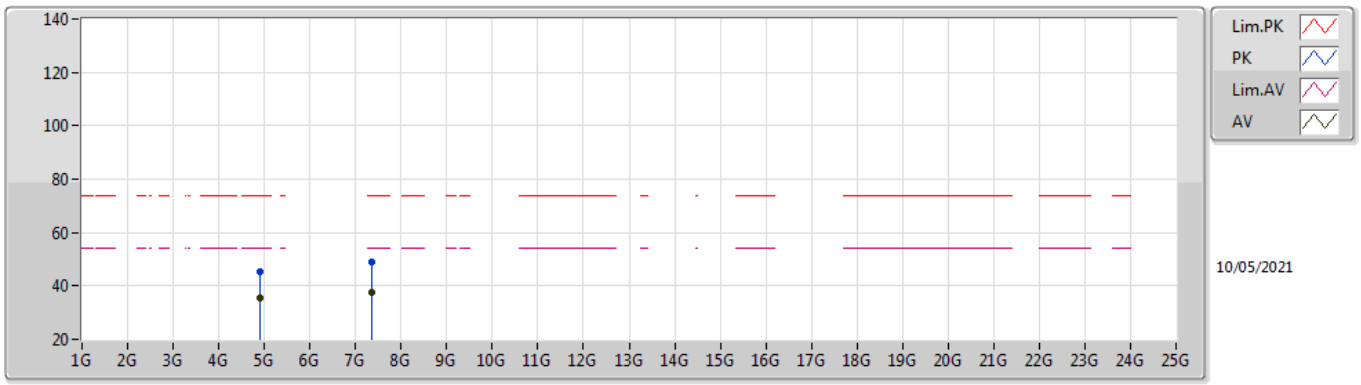
2452MHz_TX



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	4.90397G	36.74	54.00	-17.26	1.64	3	Vertical	68	1.67	-	35.10	31.22	5.35	34.93
AV	7.35481G	37.40	54.00	-16.60	8.11	3	Vertical	175	1.50	-	29.29	36.49	6.80	35.18
PK	4.9039G	45.55	74.00	-28.45	1.64	3	Vertical	68	1.67	-	43.91	31.22	5.35	34.93
PK	7.35365G	49.92	74.00	-24.08	8.11	3	Vertical	175	1.50	-	41.81	36.49	6.80	35.18

802.11n HT40_Nss1,(MCS0)_1TX

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	4.90401G	35.45	54.00	-18.55	1.64	3	Horizontal	57	1.14	-	33.81	31.22	5.35	34.93
AV	7.35356G	37.51	54.00	-16.49	8.11	3	Horizontal	179	1.50	-	29.40	36.49	6.80	35.18
PK	4.90388G	45.30	74.00	-28.70	1.64	3	Horizontal	57	1.14	-	43.66	31.22	5.35	34.93
PK	7.35532G	49.17	74.00	-24.83	8.11	3	Horizontal	179	1.50	-	41.06	36.49	6.80	35.18