FCC Test Report

FCC ID	:	**SWX-SMSPW**
Equipment	:	**sunMAX**
Brand Name	:	**UBIQUITI**
Model Name	:	**SM-SP-40, SM-SW-40**
Applicant	:	**Ubiquiti Networks, Inc. 685 Third Avenue, 27th Floor New York, New York 10017 USA**
Manufacturer	:	**Ubiquiti Networks, Inc. 685 Third Avenue, 27th Floor New York, New York 10017 USA**
Standard	:	**47 CFR FCC Part 15.247**

The product was received on Jun. 07, 2018, and testing was started from Jun. 12, 2018 and completed on Jun. 15, 2018. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

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

Approved by: Allen Lin

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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

Table of Contents

HISTORY OF THIS TEST REPORT 3

SUMMARY OF TEST RESULT 4

1 GENERAL DESCRIPTION 5

1.1 Information 5
1.2 Testing Applied Standards 7
1.3 Testing Location Information 7
1.4 Measurement Uncertainty 7

2 TEST CONFIGURATION OF EUT 8

2.1 Test Condition 8
2.2 Test Channel Mode 8
2.3 The Worst Case Measurement Configuration 8
2.4 Support Equipment 9
2.5 Test Setup Diagram 10

3 TRANSMITTER TEST RESULT 11

3.1 AC Power-line Conducted Emissions 11
3.2 DTS Bandwidth 13
3.3 Maximum Conducted Output Power 14
3.4 Power Spectral Density 16
3.5 Emissions in Non-restricted Frequency Bands 17
3.6 Emissions in Restricted Frequency Bands 18

4 TEST EQUIPMENT AND CALIBRATION DATA 21

APPENDIX A. TEST RESULTS OF DTS BANDWIDTH

APPENDIX B. TEST RESULTS OF MAXIMUM CONDUCTED OUTPUT POWER

APPENDIX C. TEST RESULTS OF POWER SPECTRAL DENSITY

APPENDIX D. TEST RESULTS OF EMISSIONS IN NON-RESTRICTED FREQUENCY BANDS

APPENDIX E. TEST RESULTS OF EMISSIONS IN RESTRICTED FREQUENCY BANDS

APPENDIX F. TEST PHOTOS

PHOTOGRAPHS OF EUT V01

History of this test report

Report No.	Version	Description	Issued Date
FR860139AC	01	Initial issue of report	Sep. 18, 2018
FR860139AC	02	Update Instrument for Radiated Test This report is the latest version replacing for the report issued on Sep. 18, 2018.	Oct. 02, 2018

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	FCC 15.203
3.1	15.207	AC Power-line Conducted Emissions	Not Required	FCC 15.207
3.2	15.247(a)	DTS Bandwidth	PASS	≥500kHz
3.3	15.247(b)	Maximum Conducted Output Power	PASS	Power [dBm]: 30
3.4	15.247(e)	Power Spectral Density	PASS	PSD [dBm/3kHz]: 8
3.5	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	Non-Restricted Bands: > 30 dBc
3.6	15.247(d)	Emissions in Restricted Frequency Bands	PASS	Restricted Bands: FCC 15.209

Reviewed by: Sam Tsai

Report Producer: Jenny Yang

1 General Description

1.1 Information

1.1.1 RF General Information

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

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	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.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	-	-	internal antenna	fixed on board	4

For 2.4GHz function:

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

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

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From Battery			
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	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11n HT20	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11n HT40	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)

1.1.5 Table for Multiple Listing

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

Model Name	Shell	in/outdoor	Description
SM-SP-40	Plastic shell	outdoor	All the sample are identical, the difference model for difference shell.
SM-SW-40	Metal shell	indoor	

Note: SM-SP-40 configuration was pretested and found to be the worst case and measured during the test.

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
- KDB 558074 D01 v05

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH06-HY	Tim	24.5°C / 62.3%	15/Jun/2018
Radiated	03CH09-HY	Andy	22.6°C / 61%	13/Jun/2018

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)	3.6 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.0 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.9 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.3 dB	Confidence levels of 95%
Temperature	0.7 ℃	Confidence levels of 95%
Humidity	4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Condition

RF Conducted	Abbreviation	Remark
TnomVnom	Tnom	20°C
-	Vnom	24V

2.2 Test Channel Mode

Test Software	Dos

2.3 The Worst Case Measurement Configuration

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	Battery Mode (Model: SM-SP-40)		
2	Battery Mode (Model: SW-SP-40)		
Mode 1 configuration was tested and found to be the worst case and measured during the test.			
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	**X Plane**	**Y Plane**	**Z Plane**
			
Worst Planes of EUT		V	

2.4 Support Equipment

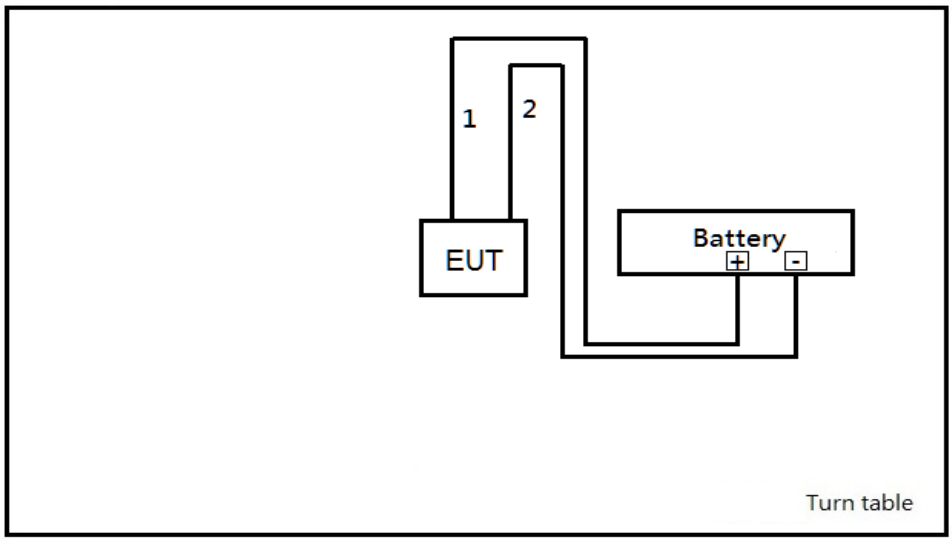
Support Equipment – RF Conducted				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5410	DoC
2	Adapter for NB	DELL	HA65NM130	DoC
3	DC power supply	G.W	GPS-3030DD	-

Support Equipment – Radiated Emission				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Battery	-	-	-

Note: Support equipment No.1 was provided by customer.

2.5 Test Setup Diagram

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	DC Power line	No	1.5m	-
2	DC Power line	No	1.5m	-

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

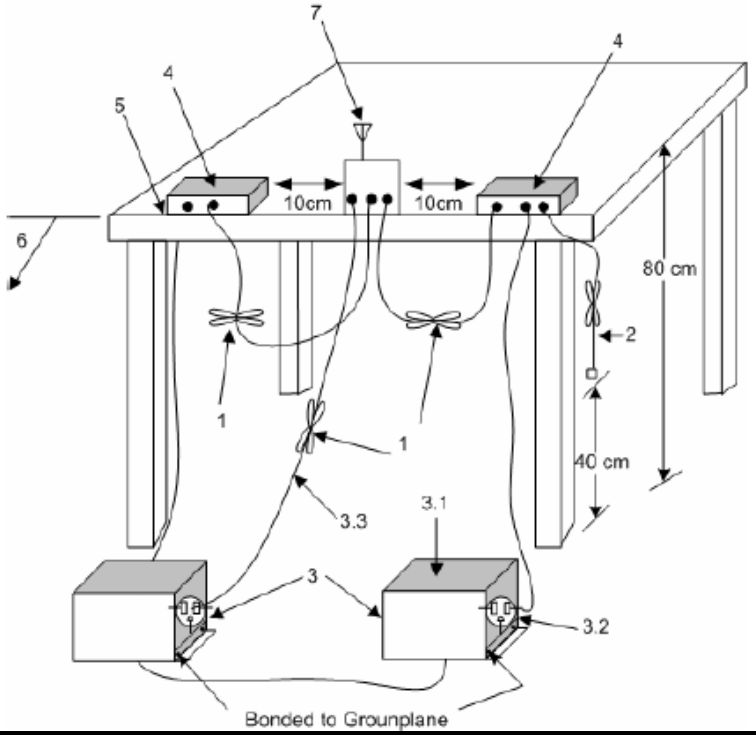
Refer a test equipment and calibration data table in this test report.

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 Test Setup

AC Power-line Conducted Emissions



3.1.5 Test Result of AC Power-line Conducted Emissions

Please refer to FCC 15.207 which states, “Measurements to demonstrate compliance with the conducted limits are not required for devices employ Battery for operation and which do not operate from the AC power lines or contain provisions for operation while connected to the AC power lines”.
Therefore, for this device, AC Power Line Conducted Emissions investigation is not required.

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

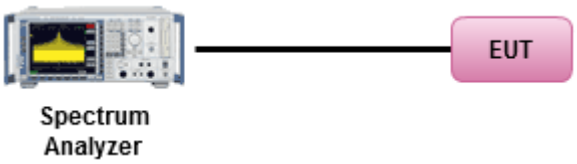
3.2.2 Measuring Instruments

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 (11.9.2.2 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 A

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 B

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

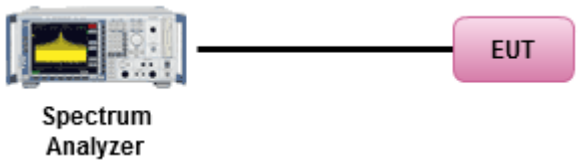
3.4.2 Measuring Instruments

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) Method PKPSD.	
▪ 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 C

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 PSD 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 PSD level.	

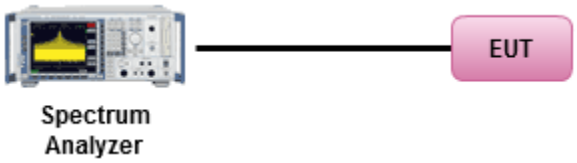
3.5.2 Measuring Instruments

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 D

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

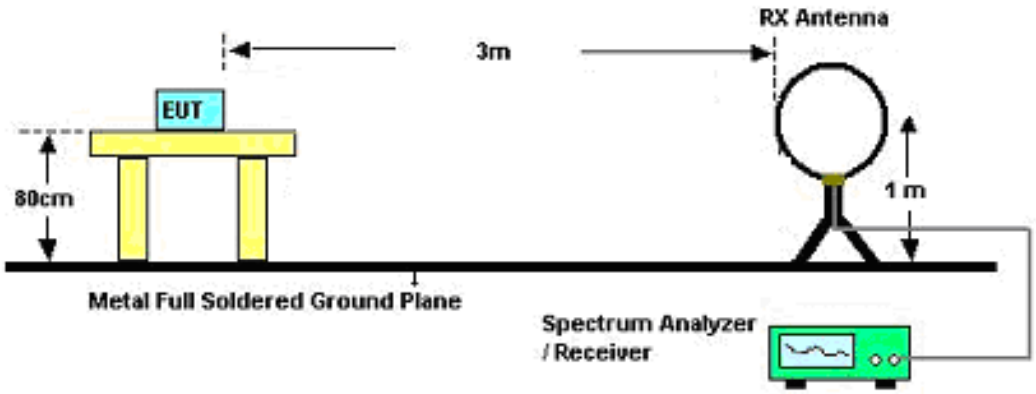
Refer a test equipment and calibration data table in this test report.

3.6.3 Test Procedures

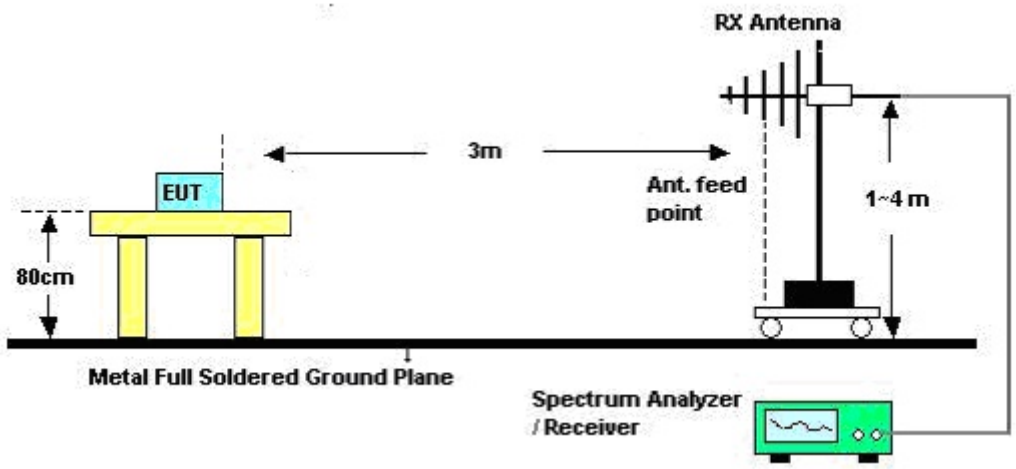
Test Method	
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].	
▪ Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
▪ For the transmitter unwanted 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 (i.e., 1 MHz).

3.6.4 Test Setup

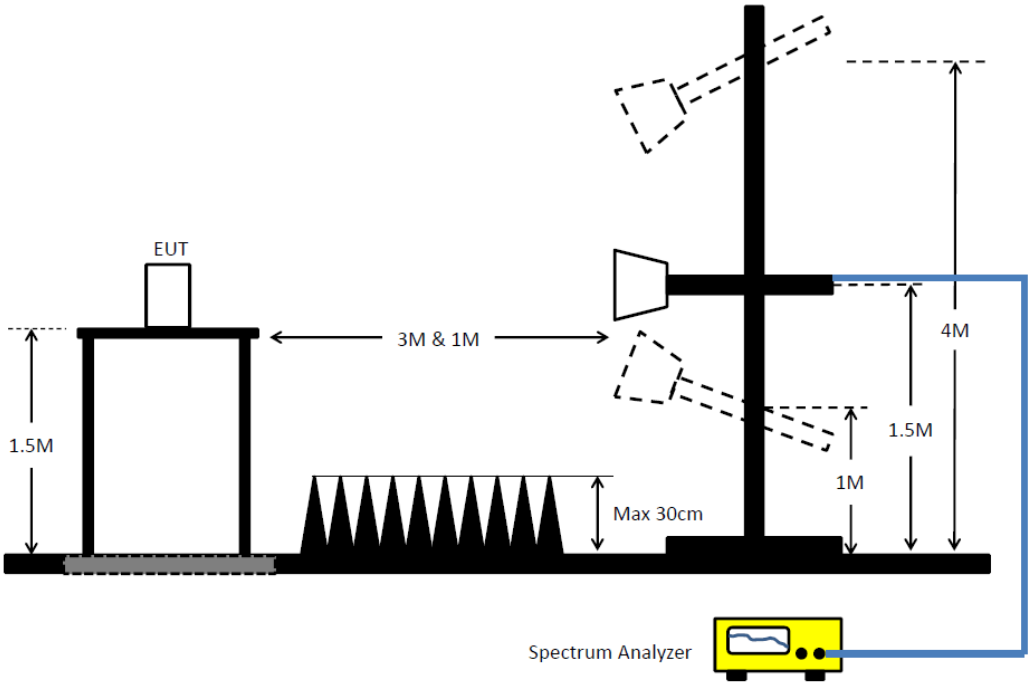
Emissions in Restricted Frequency Bands
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.6.5 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.

3.6.6 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
N.S.A. Measurement	TDK	SAC-3M	03CH09-HY	30MHz ~ 1GHz	29/Apr/2018	28/Apr/2019
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz ~ 18GHz	28/Jun/2017	27/Jun/2018
Amplifier	Agilent	8449B	3008A02096	1GHz ~ 26.5GHz	10/May/2018	09/May/2019
Amplifier	EMC	EMC9135	980209	9KHz~1GHz	03/Jan/2018	02/Jan/2019
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz ~ 44GHz	20/Jul/2017	19/Jul/2018
Bilog Antenna & 5dB Attenuator	TESEQ	CBL 6111D	35418	30MHz~1GHz	09/Sep/2017	08/Sep/2018
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120D	BBHA9120D 1534	1GHz~18GHz	30/Apr/2018	29/Apr/2019
Loop Antenna	TESEQ	HLA 6120	31244	9kHz ~ 30MHz	28/Mar/2018	27/Mar/2019
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz ~ 1GHz	02/Feb/2018	01/Feb/2019
RF Cable-high	SUHNER	SUCOFLEX104	MY34918/4	1GHz ~ 40GHz	02/Feb/2018	01/Feb/2019
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170614	18GHz~40GHz	09/Feb/2018	08/Feb/2019

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	9kHz~40GHz	29/Dec/2017	28/Dec/2018
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	27/Jul/2017	26/Jul/2018
Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	05/Feb/2018	04/Feb/2019
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	05/Feb/2018	04/Feb/2019
RF Cable-0.2m	HUBER+ SUHNER	SUCOFLEX_104	MY10709/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.2m	HUBER+ SUHNER	SUCOFLEX_104	MY10712/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.5m	HUBER+ SUHNER	SUCOFLEX_104	MY10713/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018

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	10.05M	13.368M	13M4G1D	9.5M	13.118M
802.11g_Nss1,(6Mbps)_1TX	16.025M	16.217M	16M2D1D	15.525M	16.192M
802.11n HT20_Nss1,(MCS0)_1TX	16.525M	17.316M	17M3D1D	15.925M	17.266M
802.11n HT40_Nss1,(MCS0)_1TX	35M	35.782M	35M8D1D	34.2M	35.682M

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	9.55M	13.118M
2437MHz_TnomVnom	Pass	500k	9.5M	13.293M
2462MHz_TnomVnom	Pass	500k	10.05M	13.368M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz_TnomVnom	Pass	500k	16.025M	16.217M
2437MHz_TnomVnom	Pass	500k	15.525M	16.217M
2462MHz_TnomVnom	Pass	500k	15.625M	16.192M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz_TnomVnom	Pass	500k	16.275M	17.266M
2437MHz_TnomVnom	Pass	500k	15.925M	17.291M
2462MHz_TnomVnom	Pass	500k	16.525M	17.316M
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-
2422MHz_TnomVnom	Pass	500k	34.45M	35.682M
2437MHz_TnomVnom	Pass	500k	35M	35.782M
2452MHz_TnomVnom	Pass	500k	34.2M	35.682M

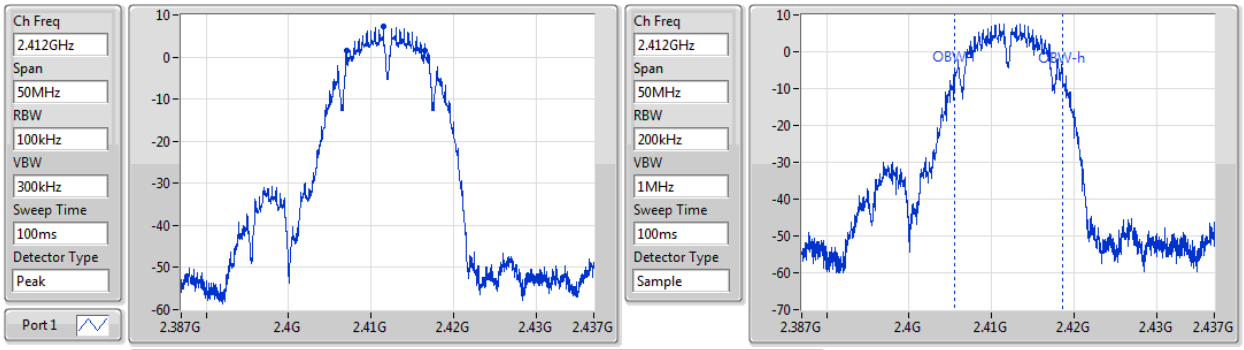
Port X-N dB = Port **X** 6dB down bandwidth; **Port X-OBW** = Port **X** 99% occupied bandwidth;

802.11b_Nss1,(1Mbps)_1TX

EBW

2412MHz

13/06/2018



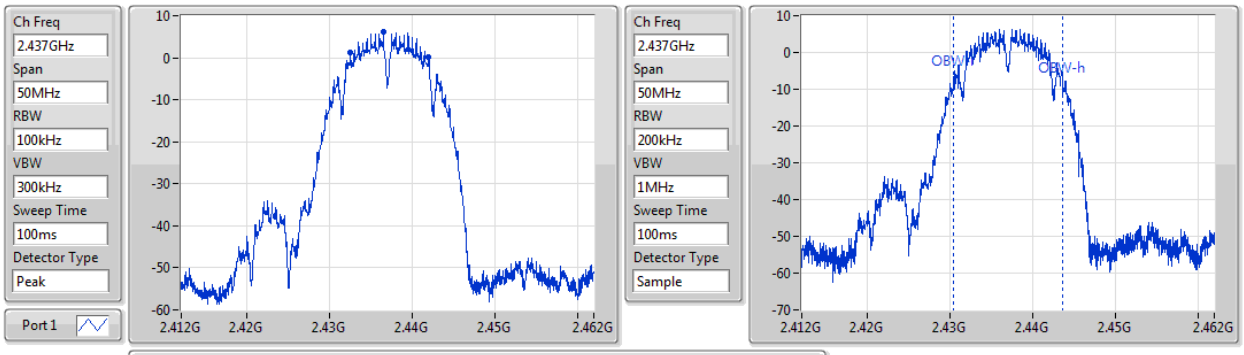
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.55M	2.407G	2.41655G	13.118M	2.405478G	2.418597G	500k	1

802.11b_Nss1,(1Mbps)_1TX

EBW

2437MHz

13/06/2018



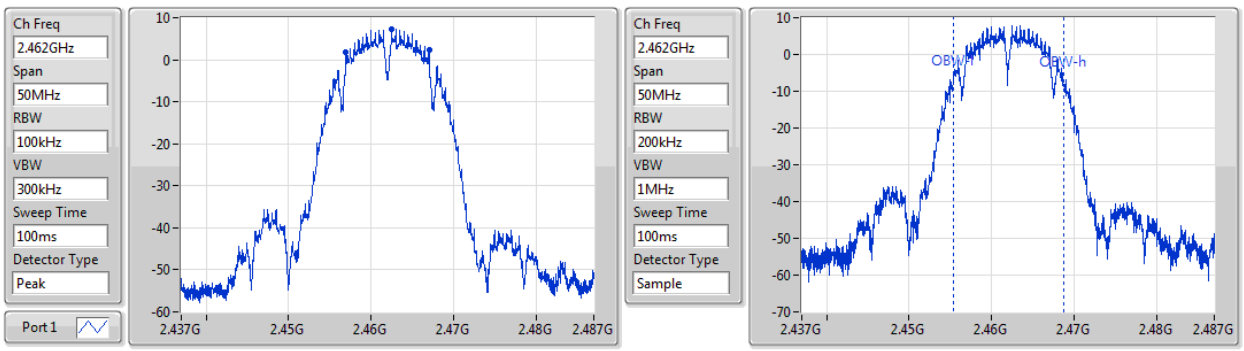
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.5M	2.4325G	2.442G	13.293M	2.430378G	2.443672G	500k	1

802.11b_Nss1,(1Mbps)_1TX

EBW

2462MHz

15/06/2018

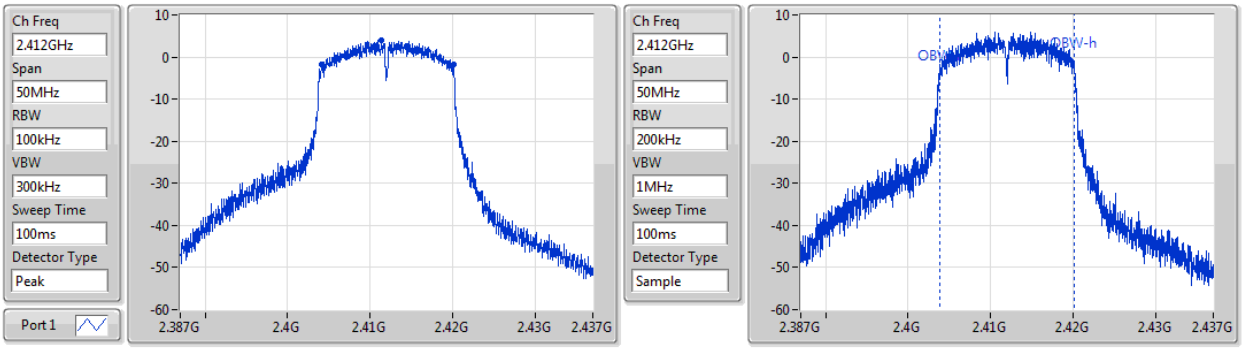


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.05M	2.456975G	2.467025G	13.368M	2.455328G	2.468697G	500k	1

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

2412MHz

15/06/2018

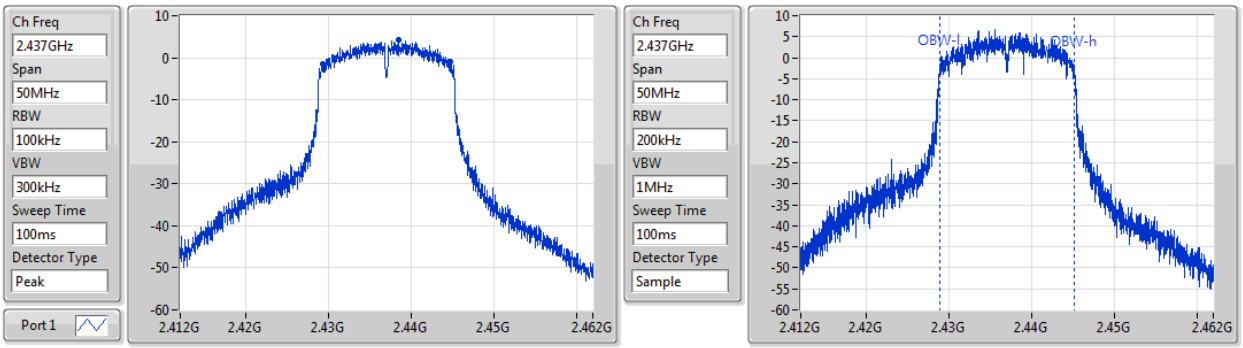


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.025M	2.4041G	2.420125G	16.217M	2.403879G	2.420096G	500k	1

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

2437MHz

15/06/2018

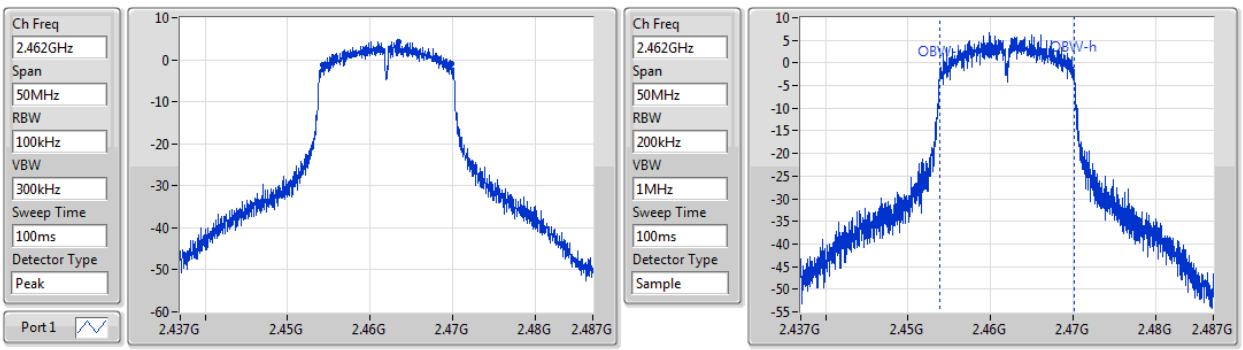


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.525M	2.42925G	2.444775G	16.217M	2.428879G	2.445096G	500k	1

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

2462MHz

15/06/2018

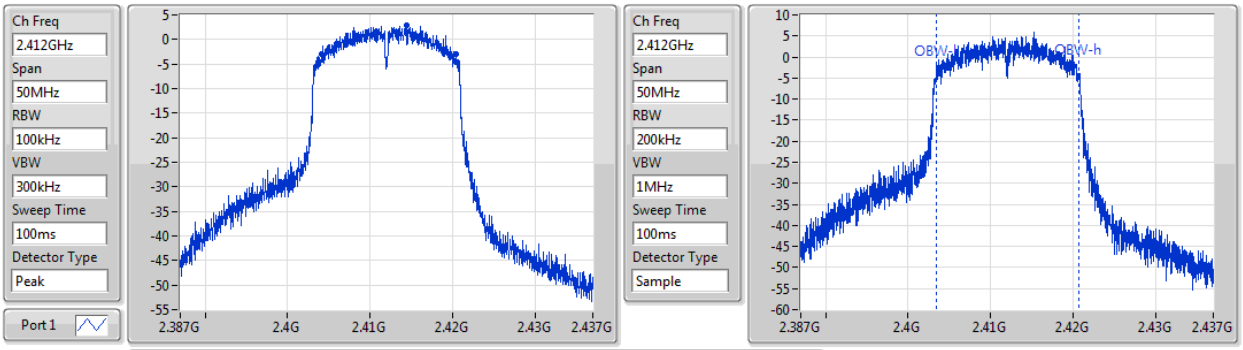


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.625M	2.45425G	2.469875G	16.192M	2.453904G	2.470096G	500k	1

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

2412MHz

13/06/2018

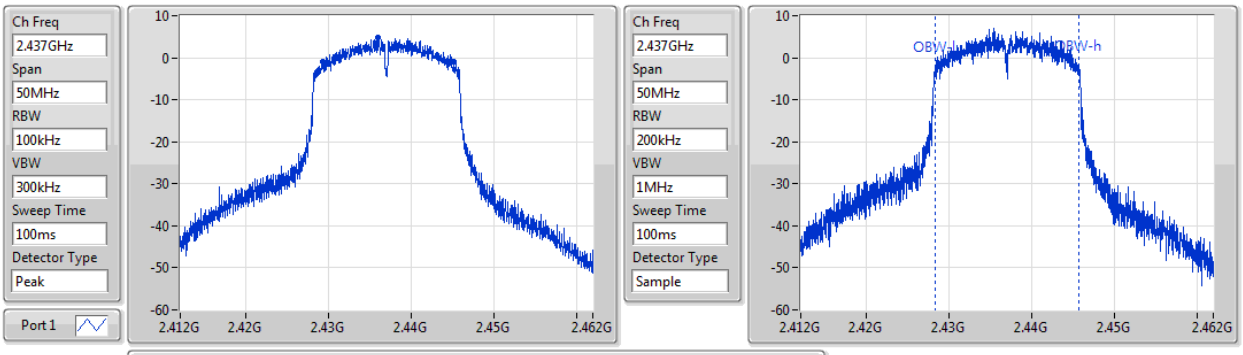


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.275M	2.4041G	2.420375G	17.266M	2.403379G	2.420646G	500k	1

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

2437MHz

15/06/2018

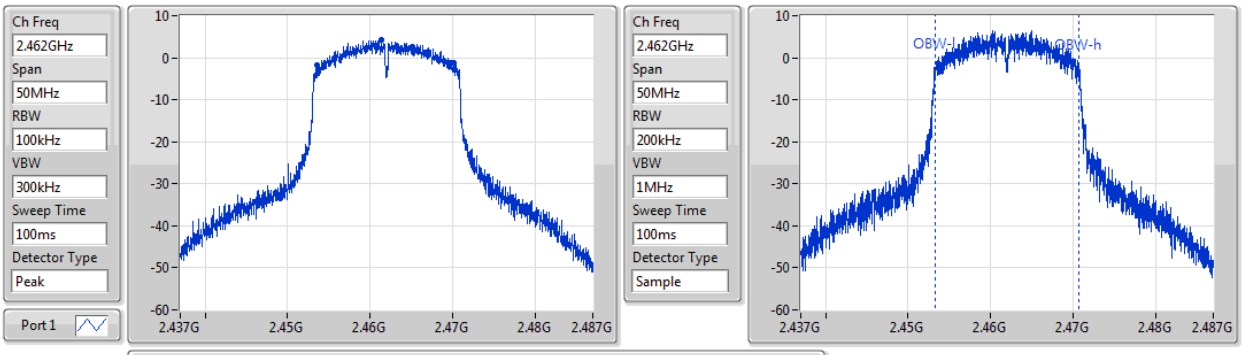


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.925M	2.429225G	2.44515G	17.291M	2.428354G	2.445646G	500k	1

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

2462MHz

15/06/2018



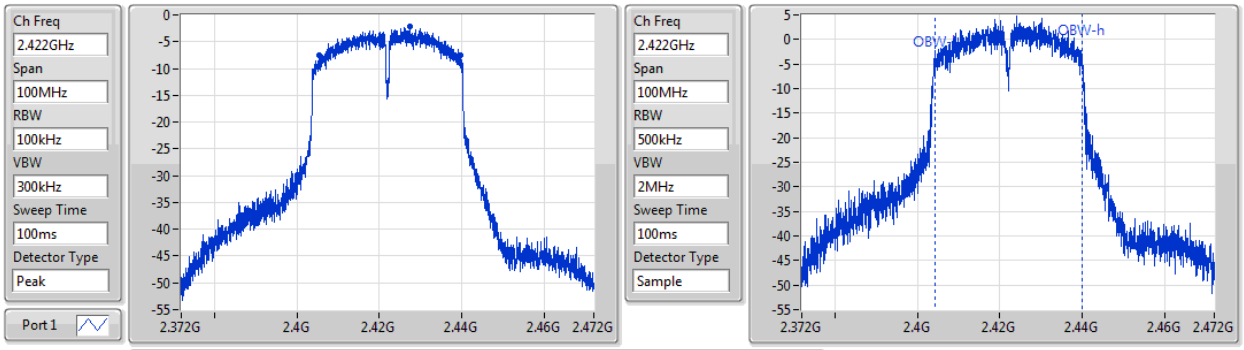
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.525M	2.453625G	2.47015G	17.316M	2.453329G	2.470646G	500k	1

802.11n HT40_Nss1,(MCS0)_1TX

EBW

2422MHz

13/06/2018



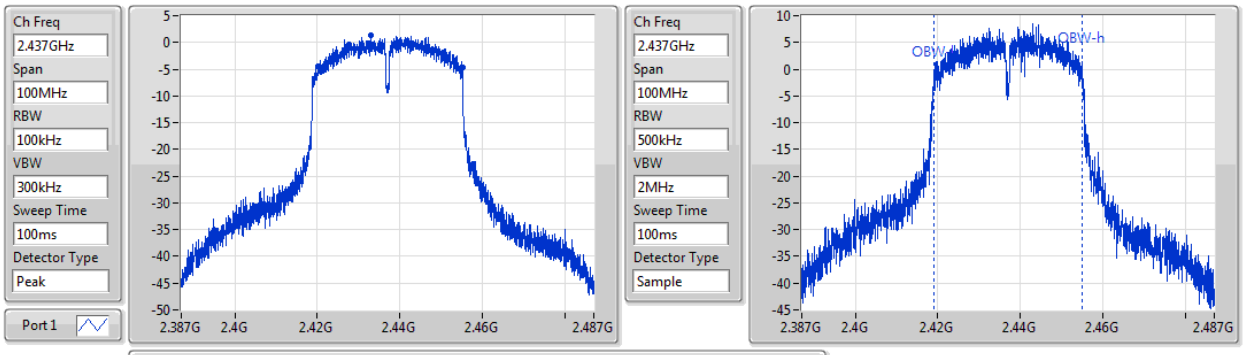
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.45M	2.40535G	2.4398G	35.682M	2.404209G	2.439891G	500k	1

802.11n HT40_Nss1,(MCS0)_1TX

EBW

2437MHz

15/06/2018



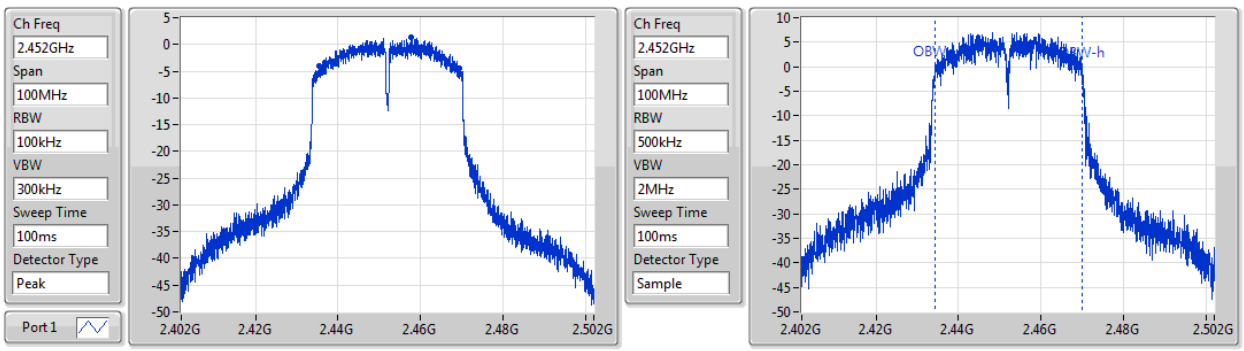
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35M	2.42015G	2.45515G	35.782M	2.419159G	2.454941G	500k	1

802.11n HT40_Nss1,(MCS0)_1TX

EBW

2452MHz

15/06/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.2M	2.4353G	2.4695G	35.682M	2.434209G	2.469891G	500k	1

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	17.03	0.05047
802.11g_Nss1,(6Mbps)_1TX	17.39	0.05483
802.11n HT20_Nss1,(MCS0)_1TX	17.43	0.05534
802.11n HT40_Nss1,(MCS0)_1TX	17.48	0.05598

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.00	16.54	16.54	30.00
2437MHz_TnomVnom	Pass	4.00	16.58	16.58	30.00
2462MHz_TnomVnom	Pass	4.00	17.03	17.03	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.00	17.18	17.18	30.00
2417MHz_TnomVnom	Pass	4.00	17.28	17.28	30.00
2422MHz_TnomVnom	Pass	4.00	17.06	17.06	30.00
2427MHz_TnomVnom	Pass	4.00	17.25	17.25	30.00
2432MHz_TnomVnom	Pass	4.00	17.39	17.39	30.00
2437MHz_TnomVnom	Pass	4.00	17.20	17.20	30.00
2442MHz_TnomVnom	Pass	4.00	17.22	17.22	30.00
2447MHz_TnomVnom	Pass	4.00	17.08	17.08	30.00
2452MHz_TnomVnom	Pass	4.00	17.01	17.01	30.00
2457MHz_TnomVnom	Pass	4.00	17.03	17.03	30.00
2462MHz_TnomVnom	Pass	4.00	17.14	17.14	30.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.00	16.87	16.87	30.00
2417MHz_TnomVnom	Pass	4.00	17.00	17.00	30.00
2422MHz_TnomVnom	Pass	4.00	17.15	17.15	30.00
2427MHz_TnomVnom	Pass	4.00	17.26	17.26	30.00
2432MHz_TnomVnom	Pass	4.00	17.38	17.38	30.00
2437MHz_TnomVnom	Pass	4.00	17.43	17.43	30.00
2442MHz_TnomVnom	Pass	4.00	17.40	17.40	30.00
2447MHz_TnomVnom	Pass	4.00	17.26	17.26	30.00
2452MHz_TnomVnom	Pass	4.00	17.28	17.28	30.00
2457MHz_TnomVnom	Pass	4.00	17.06	17.06	30.00
2462MHz_TnomVnom	Pass	4.00	17.23	17.23	30.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz_TnomVnom	Pass	4.00	14.69	14.69	30.00
2427MHz_TnomVnom	Pass	4.00	14.89	14.89	30.00
2432MHz_TnomVnom	Pass	4.00	15.63	15.63	30.00
2437MHz_TnomVnom	Pass	4.00	17.48	17.48	30.00
2452MHz_TnomVnom	Pass	4.00	17.29	17.29	30.00

DG = Directional Gain; **Port X** = Port X output power
Note : Conducted average output power is for reference only

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-6.06
802.11g_Nss1,(6Mbps)_1TX	-6.47
802.11n HT20_Nss1,(MCS0)_1TX	-6.88
802.11n HT40_Nss1,(MCS0)_1TX	-10.62

RBW=3kHz.

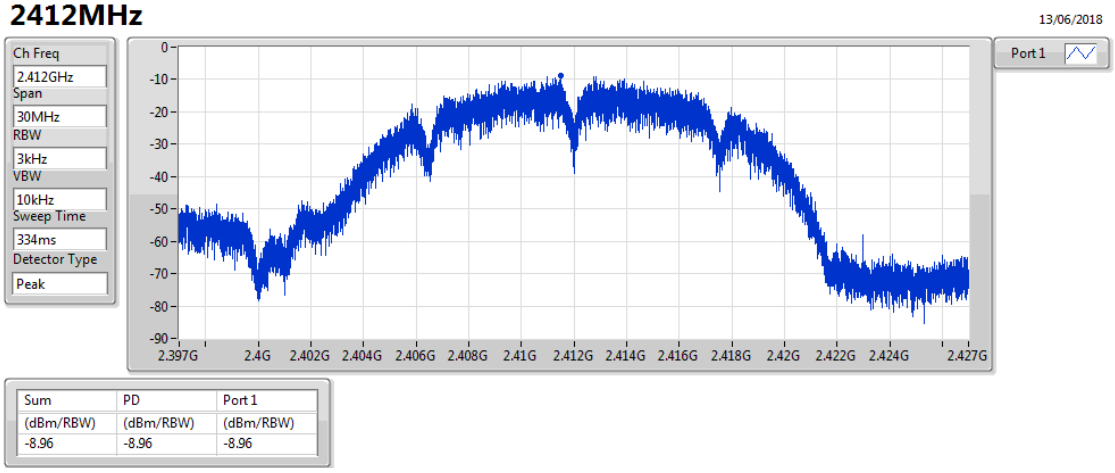
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.00	-8.96	-8.96	8.00
2437MHz_TnomVnom	Pass	4.00	-8.42	-8.42	8.00
2462MHz_TnomVnom	Pass	4.00	-6.06	-6.06	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.00	-6.47	-6.47	8.00
2437MHz_TnomVnom	Pass	4.00	-8.06	-8.06	8.00
2462MHz_TnomVnom	Pass	4.00	-6.97	-6.97	8.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.00	-8.96	-8.96	8.00
2437MHz_TnomVnom	Pass	4.00	-7.12	-7.12	8.00
2462MHz_TnomVnom	Pass	4.00	-6.88	-6.88	8.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz_TnomVnom	Pass	4.00	-13.33	-13.33	8.00
2437MHz_TnomVnom	Pass	4.00	-10.67	-10.67	8.00
2452MHz_TnomVnom	Pass	4.00	-10.62	-10.62	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 Xpower density;

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

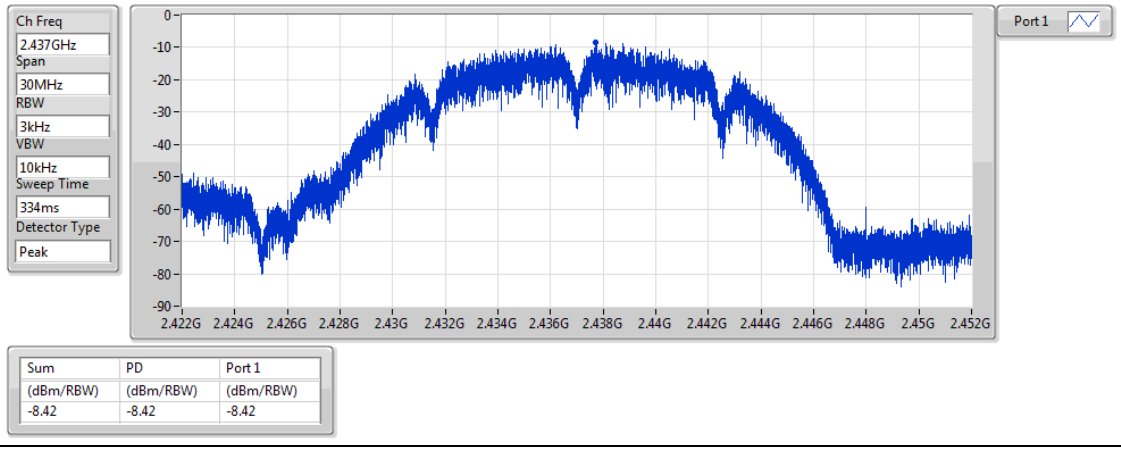
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.96	-8.96	-8.96

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

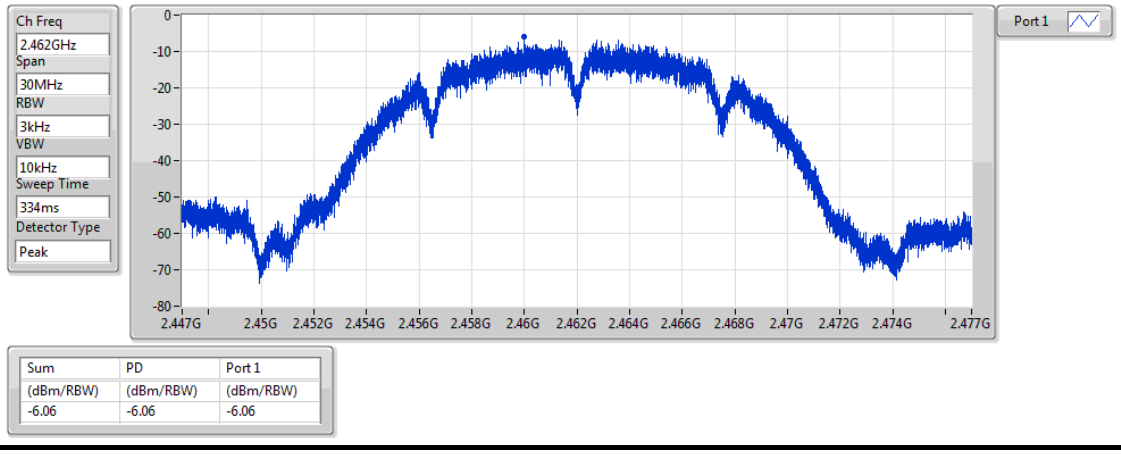
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.42	-8.42	-8.42

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

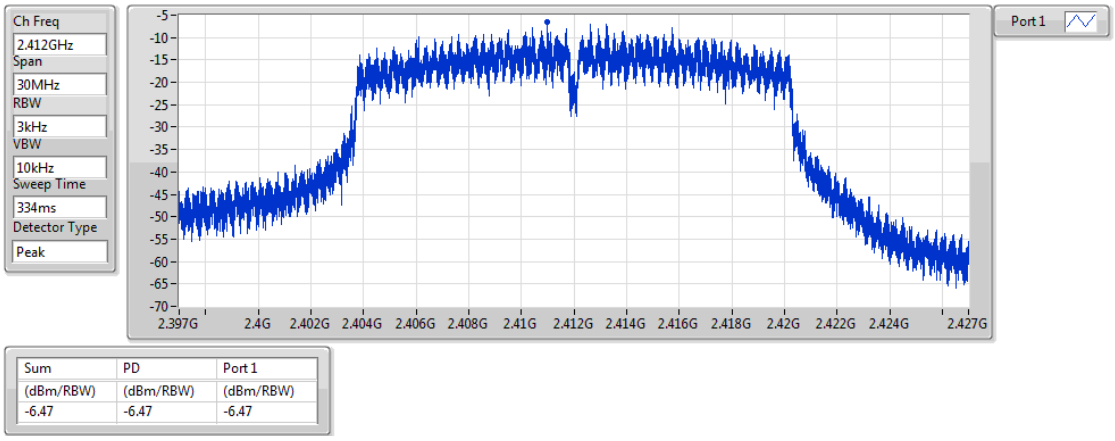
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.06	-6.06	-6.06

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

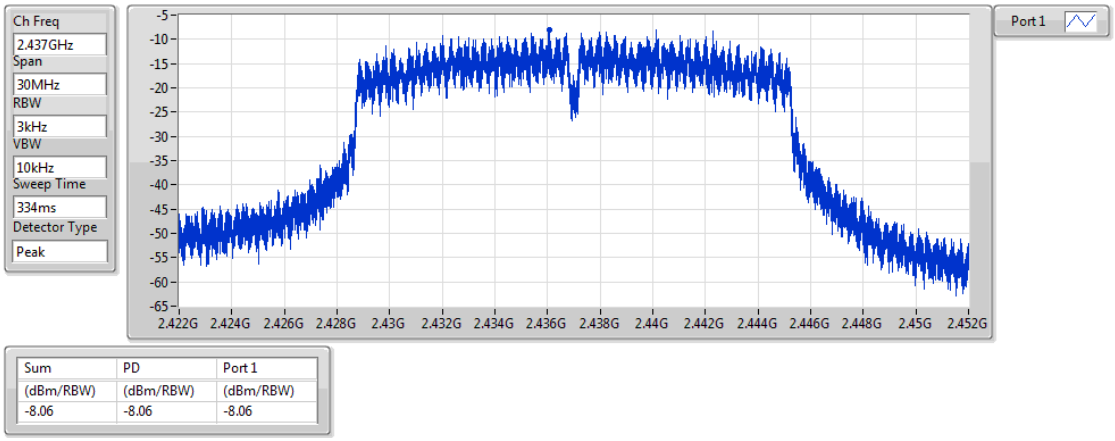
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.47	-6.47	-6.47

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

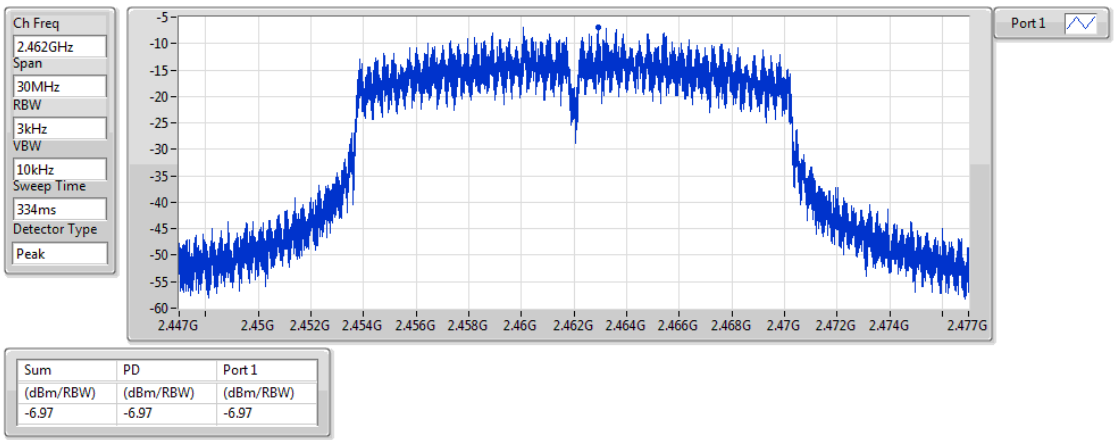
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.06	-8.06	-8.06

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

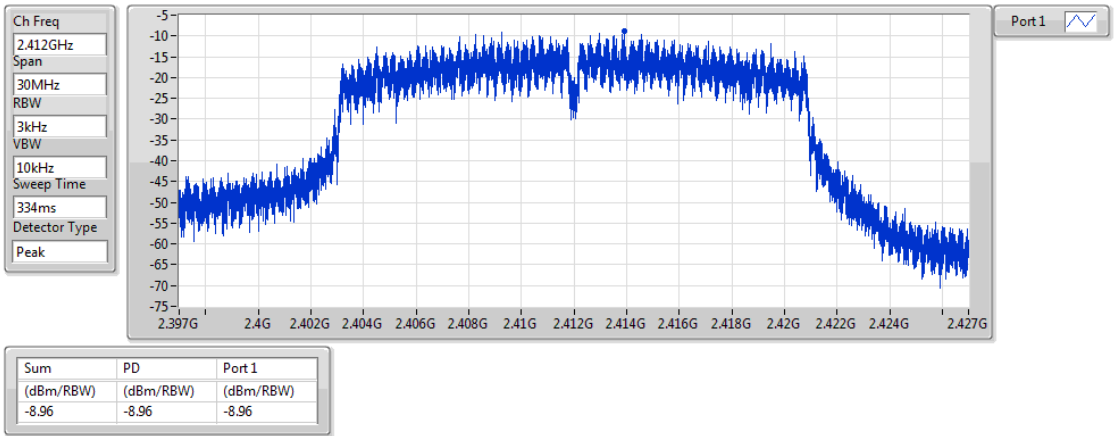
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.97	-6.97	-6.97

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

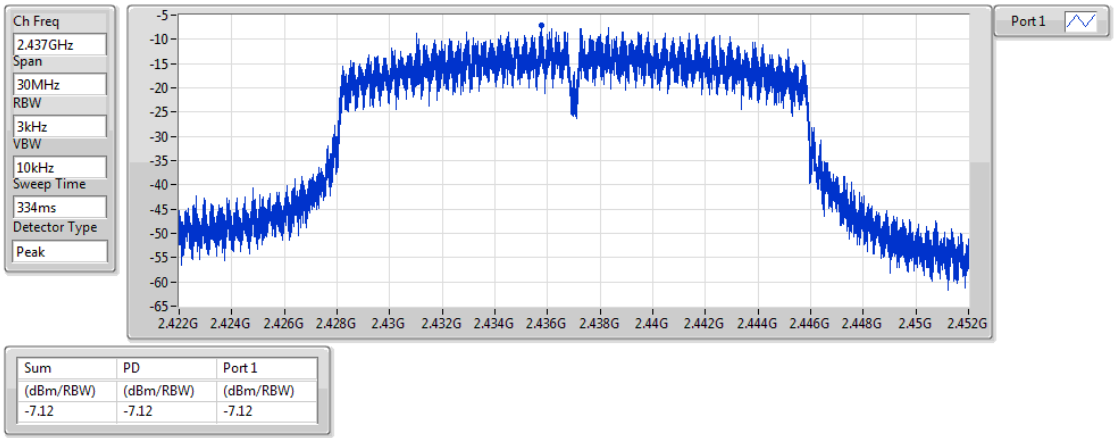
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.96	-8.96	-8.96

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

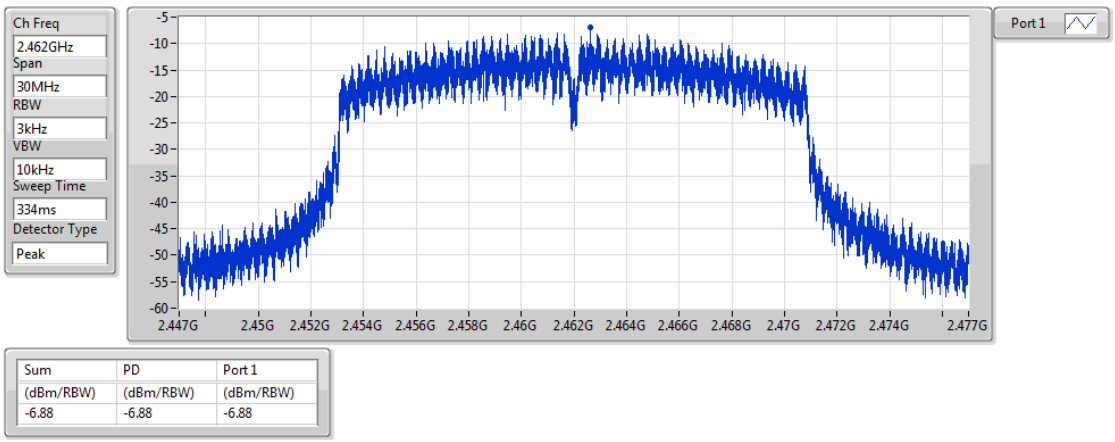
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.12	-7.12	-7.12

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

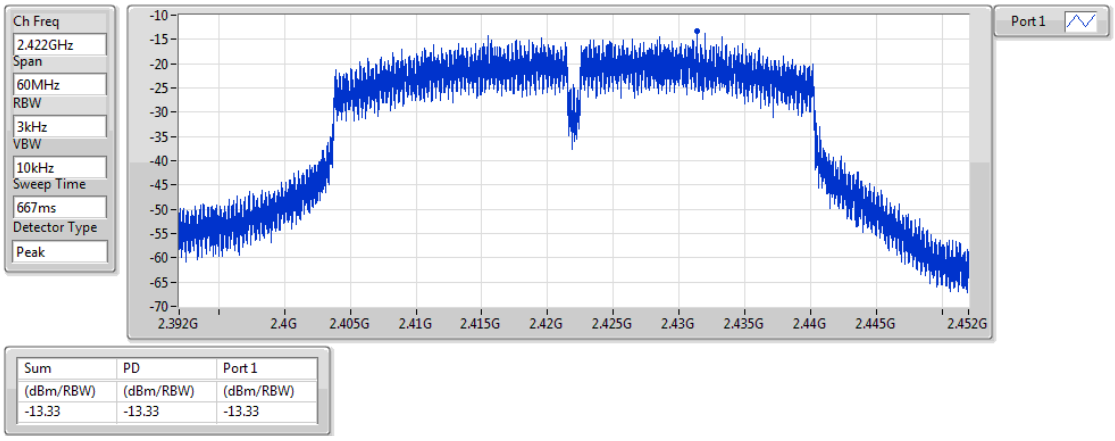
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.88	-6.88	-6.88

802.11n HT40_Nss1,(MCS0)_1TX PSD

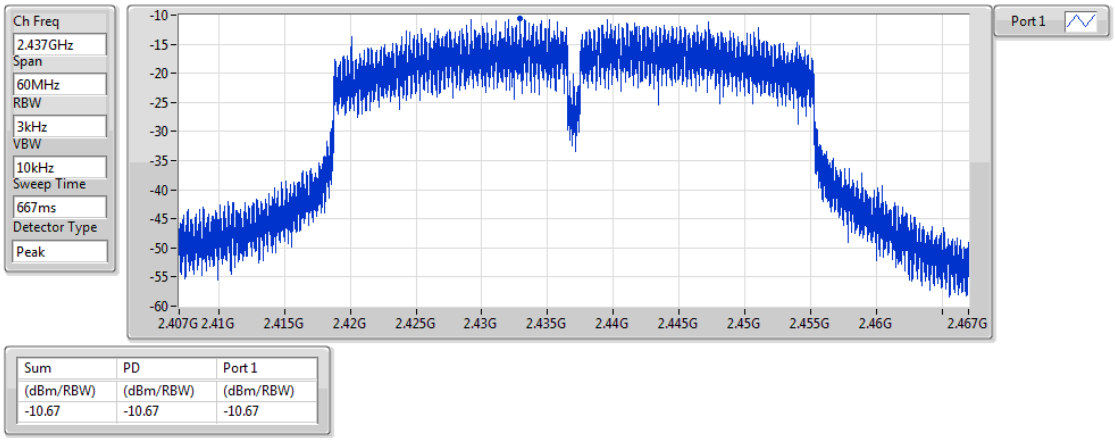
2422MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.33	-13.33	-13.33

802.11n HT40_Nss1,(MCS0)_1TX PSD

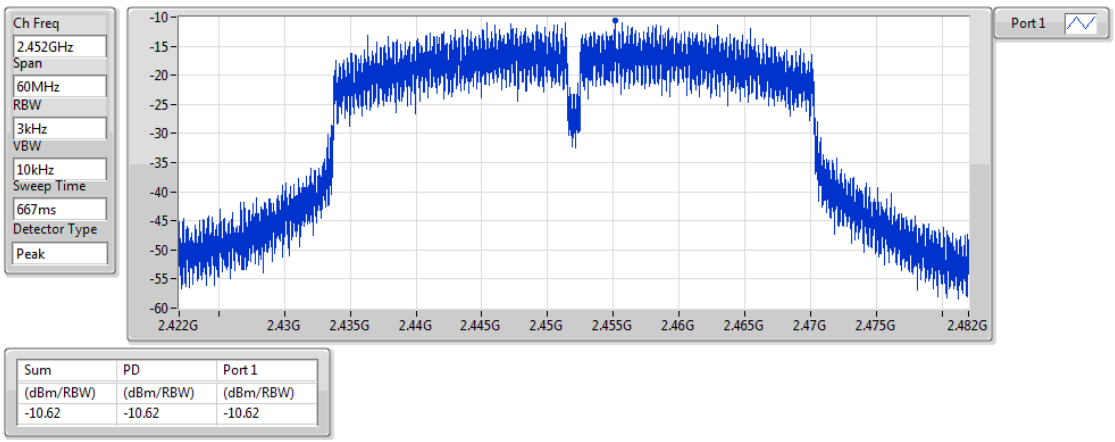
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.67	-10.67	-10.67

802.11n HT40_Nss1,(MCS0)_1TX PSD

2452MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.62	-10.62	-10.62

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)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.462458G	6.73	-23.27	801.23M	-52.62	2.39704G	-33.47	2.48382G	-57.80	6.962609G	-54.78	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.438243G	4.22	-25.78	802.395M	-53.11	2.39832G	-25.98	2.50038G	-56.87	16.560074G	-53.10	1
802.11n HT20_Nss1,(MCS0)_1TX	Pass	2.435404G	4.36	-25.64	803.56M	-51.62	2.39984G	-26.18	2.49398G	-54.82	24.505517G	-52.43	1
802.11n HT40_Nss1,(MCS0)_1TX	Pass	2.442585G	1.63	-28.37	392.965M	-54.09	2.3992G	-28.77	2.48878G	-54.43	17.494991G	-52.55	1

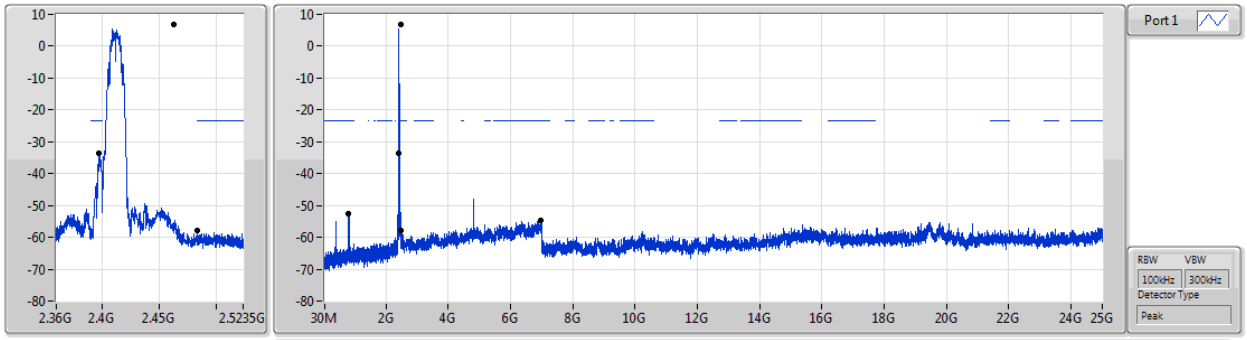
Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.462458G	6.73	-23.27	801.23M	-52.62	2.39704G	-33.47	2.48382G	-57.80	6.962609G	-54.78	1
2437MHz_TnomVnom	Pass	2.462458G	6.73	-23.27	812.88M	-53.11	2.39832G	-53.48	2.48638G	-52.83	6.886751G	-53.29	1
2462MHz_TnomVnom	Pass	2.462458G	6.73	-23.27	819.87M	-53.34	2.39616G	-59.49	2.48798G	-47.85	6.167503G	-54.75	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.438243G	4.22	-25.78	802.395M	-53.11	2.39832G	-25.98	2.50038G	-56.87	16.560074G	-53.10	1
2437MHz_TnomVnom	Pass	2.438243G	4.22	-25.78	807.055M	-52.85	2.39976G	-51.54	2.48854G	-51.48	6.737844G	-53.11	1
2462MHz_TnomVnom	Pass	2.438243G	4.22	-25.78	822.2M	-54.04	2.39544G	-58.79	2.48358G	-42.39	21.698764G	-52.52	1
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.435404G	4.36	-25.64	803.56M	-51.62	2.39984G	-26.18	2.49398G	-54.82	24.505517G	-52.43	1
2437MHz_TnomVnom	Pass	2.435404G	4.36	-25.64	807.055M	-53.17	2.39728G	-49.62	2.4843G	-51.46	6.456888G	-53.07	1
2462MHz_TnomVnom	Pass	2.435404G	4.36	-25.64	393.48M	-53.25	2.39176G	-57.99	2.48382G	-41.35	6.987895G	-53.36	1
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.442585G	1.63	-28.37	392.965M	-54.09	2.3992G	-28.77	2.48878G	-54.43	17.494991G	-52.55	1
2437MHz_TnomVnom	Pass	2.442585G	1.63	-28.37	392.965M	-54.20	2.39872G	-30.17	2.48382G	-39.82	6.997513G	-52.88	1
2452MHz_TnomVnom	Pass	2.442585G	1.63	-28.37	392.965M	-53.53	2.39936G	-46.24	2.48414G	-33.92	16.227329G	-52.10	1

802.11b_Nss1,(1Mbps)_1TX **CSE NdB**

2412MHz

13/06/2018

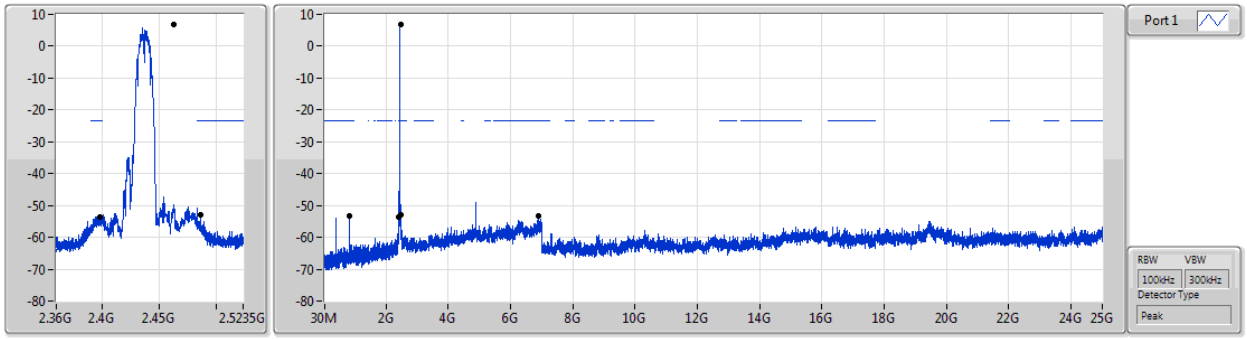


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.462458G	6.73	-23.27	801.23M	-52.62	2.39704G	-33.47	2.48382G	-57.80	6.962609G	-54.78	1

802.11b_Nss1,(1Mbps)_1TX **CSE NdB**

2437MHz

13/06/2018

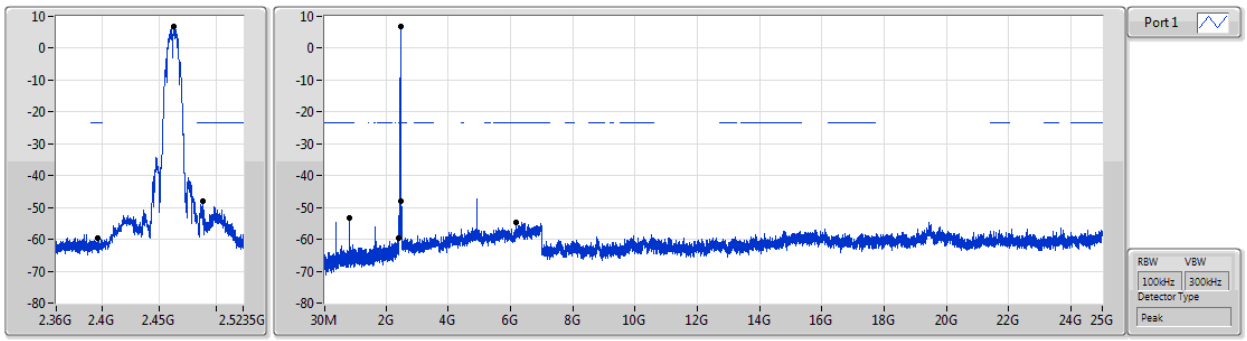


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.462458G	6.73	-23.27	812.88M	-53.11	2.39832G	-53.48	2.48638G	-52.83	6.886751G	-53.29	1

802.11b_Nss1,(1Mbps)_1TX **CSE NdB**

2462MHz

13/06/2018

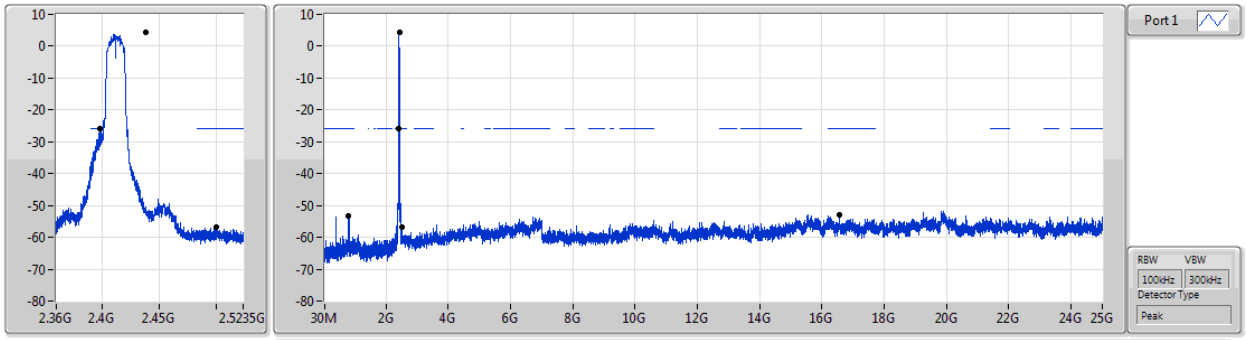


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.462458G	6.73	-23.27	819.87M	-53.34	2.39616G	-59.49	2.48798G	-47.85	6.167503G	-54.75	1

802.11g_Nss1,(6Mbps)_1TX **CSE NdB**

2412MHz

15/06/2018

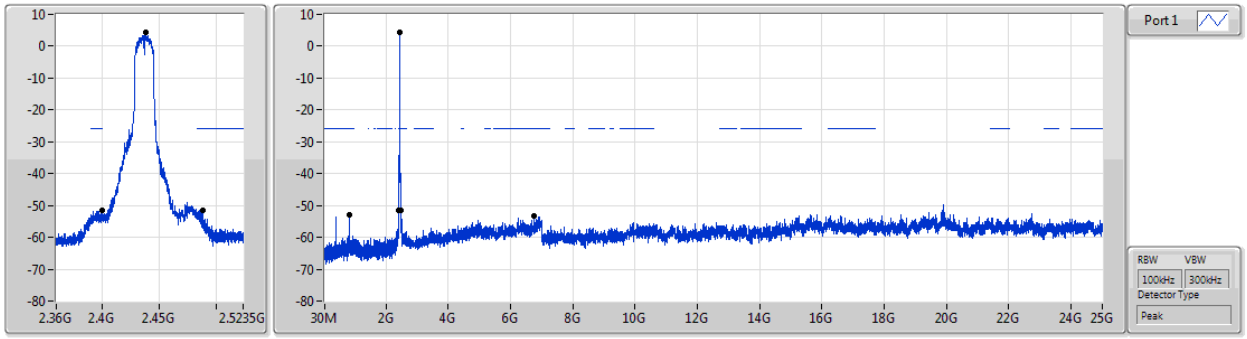


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438243G	4.22	-25.78	802.395M	-53.11	2.39832G	-25.98	2.50038G	-56.87	16.560074G	-53.10	1

802.11g_Nss1,(6Mbps)_1TX **CSE NdB**

2437MHz

15/06/2018

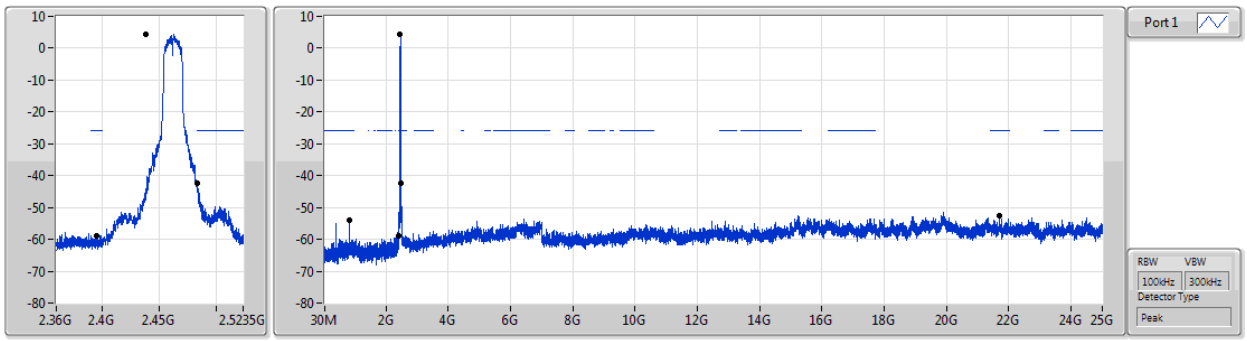


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438243G	4.22	-25.78	807.055M	-52.85	2.39976G	-51.54	2.48854G	-51.48	6.737844G	-53.11	1

802.11g_Nss1,(6Mbps)_1TX **CSE NdB**

2462MHz

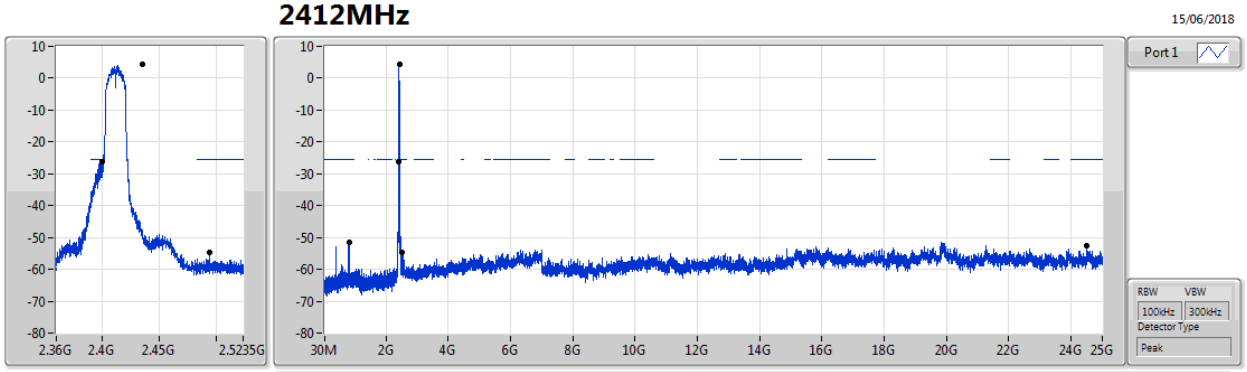
15/06/2018



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438243G	4.22	-25.78	822.2M	-54.04	2.39544G	-58.79	2.48358G	-42.39	21.698764G	-52.52	1

802.11n HT20_Nss1,(MCS0)_1TX **CSE NdB**

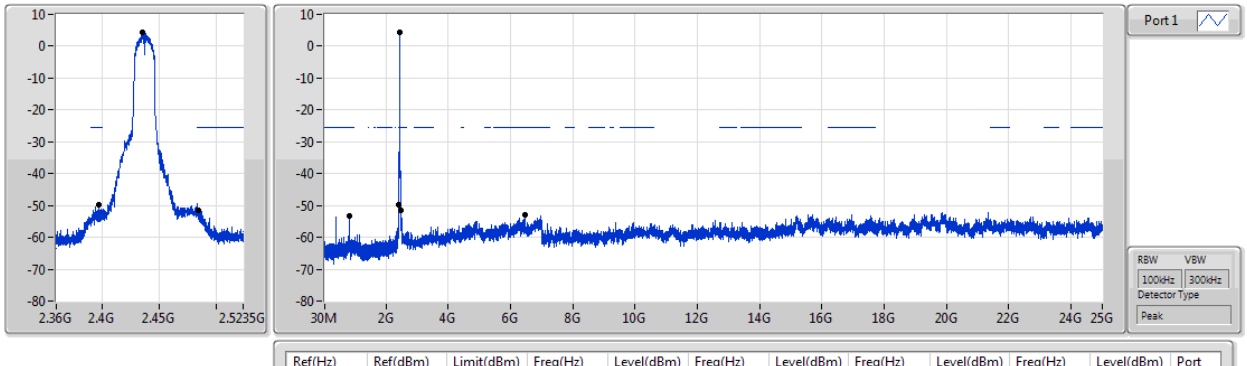
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435404G	4.36	-25.64	803.56M	-51.62	2.39984G	-26.18	2.49398G	-54.82	24.505517G	-52.43	1

802.11n HT20_Nss1,(MCS0)_1TX **CSE NdB**

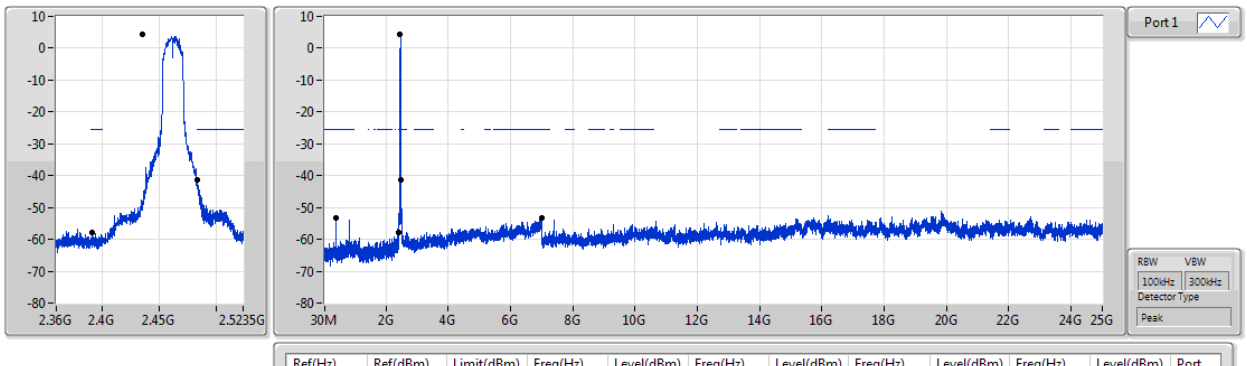
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435404G	4.36	-25.64	807.055M	-53.17	2.39728G	-49.62	2.4843G	-51.46	6.456888G	-53.07	1

802.11n HT20_Nss1,(MCS0)_1TX **CSE NdB**

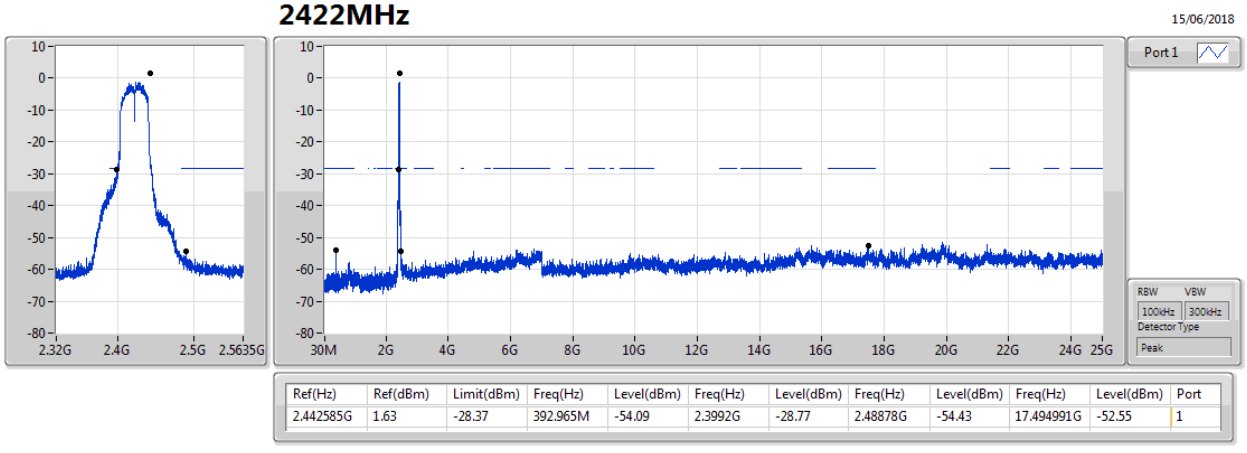
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435404G	4.36	-25.64	393.48M	-53.25	2.39176G	-57.99	2.48382G	-41.35	6.987895G	-53.36	1

802.11n HT40_Nss1,(MCS0)_1TX **CSE NdB**

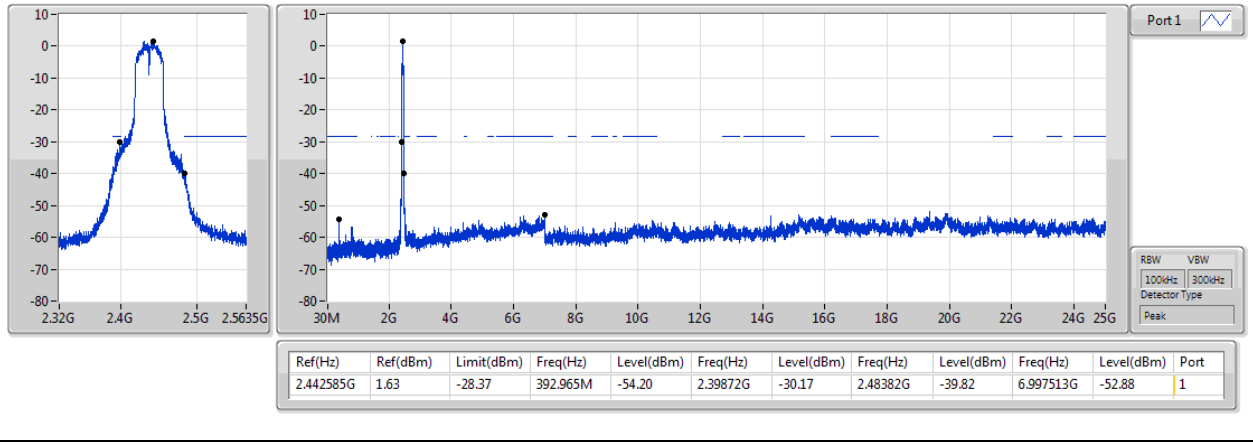
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442585G	1.63	-28.37	392.965M	-54.09	2.3992G	-28.77	2.48878G	-54.43	17.494991G	-52.55	1

802.11n HT40_Nss1,(MCS0)_1TX **CSE NdB**

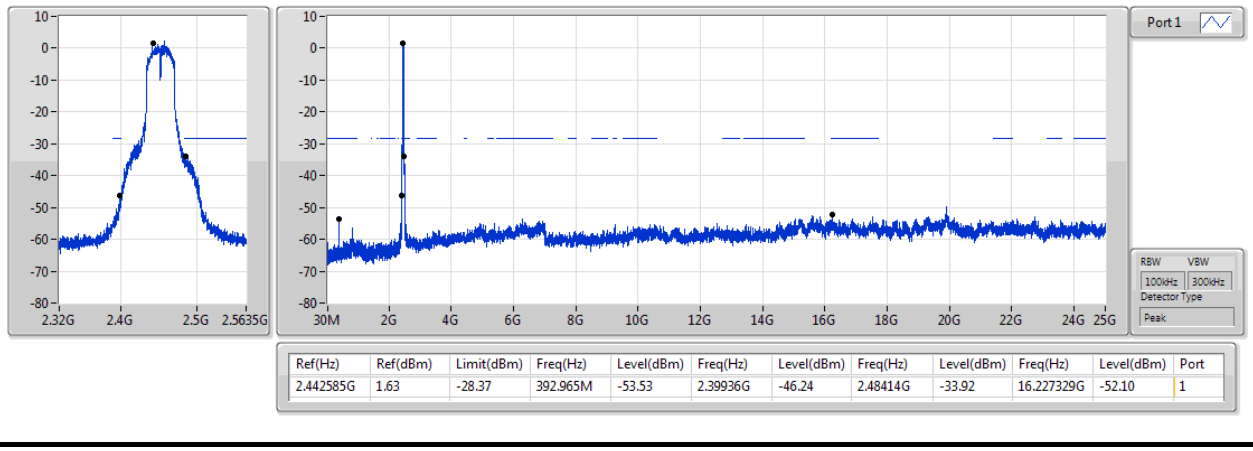
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442585G	1.63	-28.37	392.965M	-54.20	2.39872G	-30.17	2.48382G	-39.82	6.997513G	-52.88	1

802.11n HT40_Nss1,(MCS0)_1TX **CSE NdB**

2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442585G	1.63	-28.37	392.965M	-53.53	2.39936G	-46.24	2.48414G	-33.92	16.227329G	-52.10	1

Summary

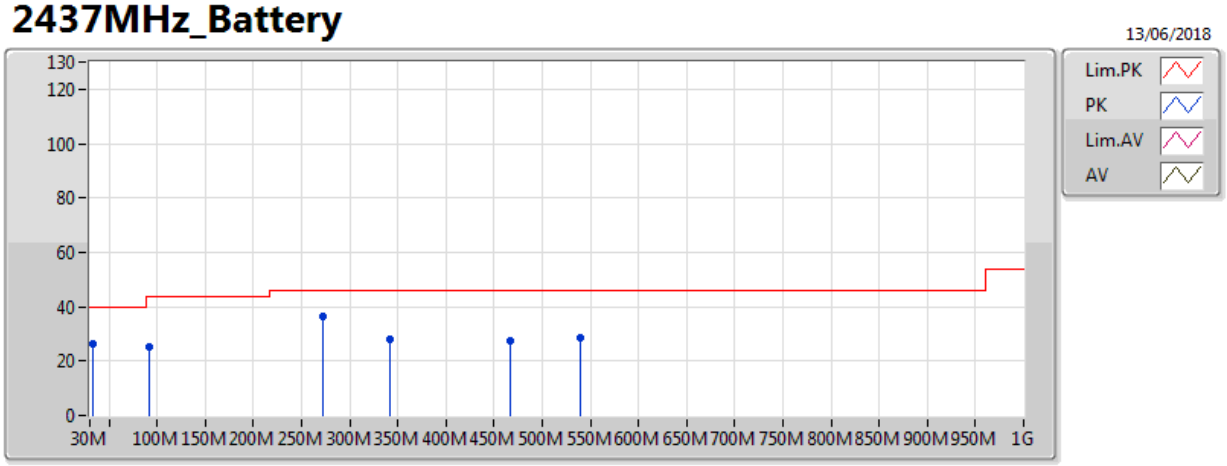
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	PK	272.5M	36.36	46.00	-9.64	-16.54	3	Vertical	0	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	33.88M	26.41	40.00	-13.59	-15.32	3	Vertical	0	1.00	-
2437MHz	Pass	PK	92.08M	25.31	43.50	-18.19	-22.15	3	Vertical	0	1.00	-
2437MHz	Pass	PK	272.5M	36.36	46.00	-9.64	-16.54	3	Vertical	0	1.00	-
2437MHz	Pass	PK	342.34M	27.86	46.00	-18.14	-15.68	3	Vertical	0	1.00	-
2437MHz	Pass	PK	466.5M	27.41	46.00	-18.59	-12.60	3	Vertical	0	1.00	-
2437MHz	Pass	PK	540.22M	28.81	46.00	-17.19	-12.03	3	Vertical	0	1.00	-
2437MHz	Pass	PK	53.28M	23.56	40.00	-16.44	-24.56	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	111.48M	24.35	43.50	-19.15	-19.88	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	282.2M	28.40	46.00	-17.60	-17.05	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	344.28M	33.20	46.00	-12.80	-15.63	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	491.72M	23.24	46.00	-22.76	-12.21	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	771.08M	34.28	46.00	-11.72	-8.18	3	Horizontal	360	1.00	-

802.11n HT40_Nss1,(MCS0)_1TX

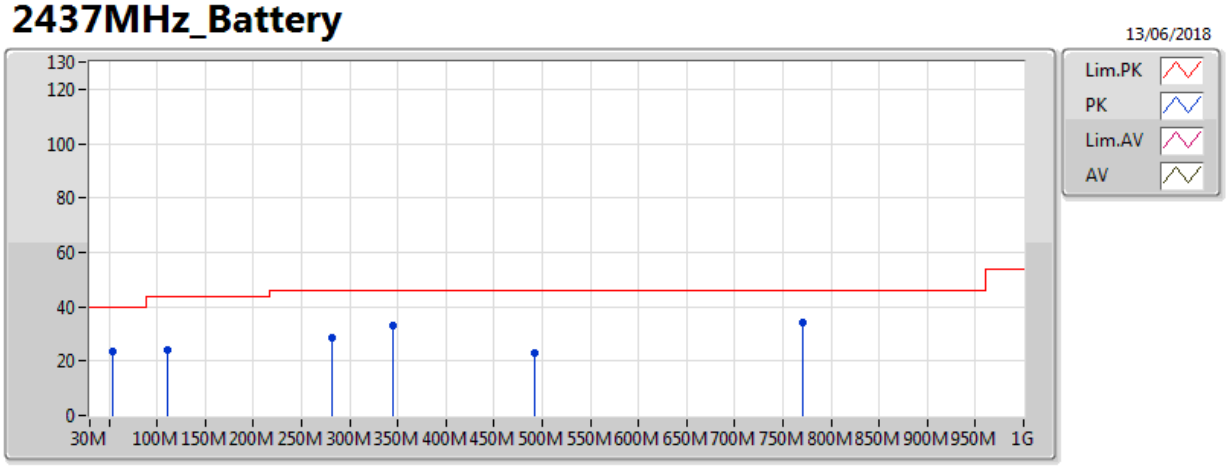
2437MHz_Battery



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	33.88M	26.41	40.00	-13.59	-15.32	3	Vertical	0	1.00	-
PK	92.08M	25.31	43.50	-18.19	-22.15	3	Vertical	0	1.00	-
PK	272.5M	36.36	46.00	-9.64	-16.54	3	Vertical	0	1.00	-
PK	342.34M	27.86	46.00	-18.14	-15.68	3	Vertical	0	1.00	-
PK	466.5M	27.41	46.00	-18.59	-12.60	3	Vertical	0	1.00	-
PK	540.22M	28.81	46.00	-17.19	-12.03	3	Vertical	0	1.00	-

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_Battery



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	53.28M	23.56	40.00	-16.44	-24.56	3	Horizontal	360	1.00	-
PK	111.48M	24.35	43.50	-19.15	-19.88	3	Horizontal	360	1.00	-
PK	282.2M	28.40	46.00	-17.60	-17.05	3	Horizontal	360	1.00	-
PK	344.28M	33.20	46.00	-12.80	-15.63	3	Horizontal	360	1.00	-
PK	491.72M	23.24	46.00	-22.76	-12.21	3	Horizontal	360	1.00	-
PK	771.08M	34.28	46.00	-11.72	-8.18	3	Horizontal	360	1.00	-

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	AV	4.92399G	53.84	54.00	-0.16	6.04	3	Vertical	349	1.06	-
802.11g_Nss1,(6Mbps)_1TX	Pass	AV	2.389998G	53.88	54.00	-0.12	30.38	3	Horizontal	327	3.19	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	2.483502G	53.88	54.00	-0.12	31.11	3	Vertical	92	1.89	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	AV	2.3898G	53.86	54.00	-0.14	30.77	3	Vertical	156	1.52	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3856G	44.54	54.00	-9.46	30.37	3	Vertical	271	1.82	-
2412MHz	Pass	AV	2.4108G	99.60	Inf	-Inf	30.45	3	Vertical	271	1.82	-
2412MHz	Pass	PK	2.3694G	56.20	74.00	-17.80	30.31	3	Vertical	271	1.82	-
2412MHz	Pass	PK	2.413G	103.43	Inf	-Inf	30.45	3	Vertical	271	1.82	-
2412MHz	Pass	AV	2.3856G	45.15	54.00	-8.85	30.37	3	Horizontal	327	3.19	-
2412MHz	Pass	AV	2.4112G	100.96	Inf	-Inf	30.45	3	Horizontal	327	3.19	-
2412MHz	Pass	PK	2.379G	56.28	74.00	-17.72	30.34	3	Horizontal	327	3.19	-
2412MHz	Pass	PK	2.411G	104.66	Inf	-Inf	30.45	3	Horizontal	327	3.19	-
2412MHz	Pass	AV	4.82398G	53.61	54.00	-0.39	5.83	3	Vertical	352	1.23	-
2412MHz	Pass	PK	4.82401G	55.88	74.00	-18.12	5.83	3	Vertical	352	1.23	-
2412MHz	Pass	AV	4.82399G	51.35	54.00	-2.65	5.83	3	Horizontal	296	2.19	-
2412MHz	Pass	PK	4.82396G	54.20	74.00	-19.80	5.83	3	Horizontal	296	2.19	-
2437MHz	Pass	AV	2.3898G	44.03	54.00	-9.97	30.38	3	Vertical	268	1.58	-
2437MHz	Pass	AV	2.4386G	99.60	Inf	-Inf	30.54	3	Vertical	268	1.58	-
2437MHz	Pass	AV	2.4842G	44.00	54.00	-10.00	30.69	3	Vertical	268	1.58	-
2437MHz	Pass	PK	2.3886G	54.73	74.00	-19.27	30.37	3	Vertical	268	1.58	-
2437MHz	Pass	PK	2.4382G	103.47	Inf	-Inf	30.54	3	Vertical	268	1.58	-
2437MHz	Pass	PK	2.4874G	55.89	74.00	-18.11	30.71	3	Vertical	268	1.58	-
2437MHz	Pass	AV	2.3898G	43.71	54.00	-10.29	30.38	3	Horizontal	228	2.50	-
2437MHz	Pass	AV	2.4362G	98.63	Inf	-Inf	30.53	3	Horizontal	228	2.50	-
2437MHz	Pass	AV	2.4838G	43.98	54.00	-10.02	30.69	3	Horizontal	228	2.50	-
2437MHz	Pass	PK	2.3866G	54.50	74.00	-19.50	30.37	3	Horizontal	228	2.50	-
2437MHz	Pass	PK	2.4362G	102.55	Inf	-Inf	30.53	3	Horizontal	228	2.50	-
2437MHz	Pass	PK	2.499G	55.12	74.00	-18.88	30.75	3	Horizontal	228	2.50	-
2437MHz	Pass	AV	4.874G	53.77	54.00	-0.23	5.94	3	Vertical	351	1.23	-
2437MHz	Pass	PK	4.87393G	56.04	74.00	-17.96	5.94	3	Vertical	351	1.23	-
2437MHz	Pass	AV	4.87397G	50.12	54.00	-3.88	5.94	3	Horizontal	346	1.50	-
2437MHz	Pass	PK	4.87393G	53.22	74.00	-20.78	5.94	3	Horizontal	346	1.50	-
2462MHz	Pass	AV	2.4612G	98.87	Inf	-Inf	30.62	3	Vertical	270	1.33	-
2462MHz	Pass	AV	2.4988G	45.25	54.00	-8.75	30.75	3	Vertical	270	1.33	-
2462MHz	Pass	PK	2.463G	102.72	Inf	-Inf	30.62	3	Vertical	270	1.33	-
2462MHz	Pass	PK	2.4976G	55.95	74.00	-18.05	30.74	3	Vertical	270	1.33	-
2462MHz	Pass	AV	2.4612G	98.68	Inf	-Inf	30.62	3	Horizontal	227	1.80	-
2462MHz	Pass	AV	2.499998G	45.29	54.00	-8.71	30.75	3	Horizontal	227	1.80	-
2462MHz	Pass	PK	2.463G	102.59	Inf	-Inf	30.62	3	Horizontal	227	1.80	-
2462MHz	Pass	PK	2.4996G	55.93	74.00	-18.07	30.75	3	Horizontal	227	1.80	-
2462MHz	Pass	AV	4.92399G	53.84	54.00	-0.16	6.04	3	Vertical	349	1.06	-
2462MHz	Pass	PK	4.92403G	56.12	74.00	-17.88	6.04	3	Vertical	349	1.06	-
2462MHz	Pass	AV	4.92399G	51.56	54.00	-2.44	6.04	3	Horizontal	334	2.31	-
2462MHz	Pass	PK	4.92383G	54.47	74.00	-19.53	6.04	3	Horizontal	334	2.31	-
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.389998G	50.78	54.00	-3.22	30.38	3	Vertical	270	1.47	-
2412MHz	Pass	AV	2.4104G	97.78	Inf	-Inf	30.45	3	Vertical	270	1.47	-
2412MHz	Pass	PK	2.389998G	63.19	74.00	-10.81	30.38	3	Vertical	270	1.47	-
2412MHz	Pass	PK	2.409G	107.99	Inf	-Inf	30.44	3	Vertical	270	1.47	-
2412MHz	Pass	AV	2.389998G	53.88	54.00	-0.12	30.38	3	Horizontal	327	3.19	-
2412MHz	Pass	AV	2.4102G	98.77	Inf	-Inf	30.44	3	Horizontal	327	3.19	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	PK	2.3894G	67.00	74.00	-7.00	30.37	3	Horizontal	327	3.19	-
2412MHz	Pass	PK	2.4122G	109.14	Inf	-Inf	30.45	3	Horizontal	327	3.19	-
2412MHz	Pass	AV	4.8246G	42.57	54.00	-11.43	5.83	3	Vertical	350	1.01	-
2412MHz	Pass	PK	4.82208G	56.63	74.00	-17.37	5.83	3	Vertical	350	1.01	-
2412MHz	Pass	AV	4.8249G	40.37	54.00	-13.63	5.83	3	Horizontal	330	2.18	-
2412MHz	Pass	PK	4.82142G	55.42	74.00	-18.58	5.82	3	Horizontal	330	2.18	-
2417MHz	Pass	AV	2.389998G	53.83	54.00	-0.17	30.77	3	Vertical	78	1.93	-
2417MHz	Pass	AV	2.4182G	101.56	Inf	-Inf	30.88	3	Vertical	78	1.93	-
2417MHz	Pass	PK	2.3876G	69.80	74.00	-4.20	30.77	3	Vertical	78	1.93	-
2417MHz	Pass	PK	2.4194G	111.87	Inf	-Inf	30.88	3	Vertical	78	1.93	-
2417MHz	Pass	AV	2.389998G	53.75	54.00	-0.25	30.77	3	Horizontal	120	1.32	-
2417MHz	Pass	AV	2.4178G	101.09	Inf	-Inf	30.87	3	Horizontal	120	1.32	-
2417MHz	Pass	PK	2.3886G	68.78	74.00	-5.22	30.77	3	Horizontal	120	1.32	-
2417MHz	Pass	PK	2.4156G	111.29	Inf	-Inf	30.87	3	Horizontal	120	1.32	-
2422MHz	Pass	AV	2.389998G	53.49	54.00	-0.51	30.77	3	Vertical	82	1.93	-
2422MHz	Pass	AV	2.4202G	103.22	Inf	-Inf	30.88	3	Vertical	82	1.93	-
2422MHz	Pass	PK	2.3896G	70.28	74.00	-3.72	30.77	3	Vertical	82	1.93	-
2422MHz	Pass	PK	2.421G	113.36	Inf	-Inf	30.89	3	Vertical	82	1.93	-
2422MHz	Pass	AV	2.3898G	51.27	54.00	-2.73	30.77	3	Horizontal	123	2.00	-
2422MHz	Pass	AV	2.4202G	101.46	Inf	-Inf	30.88	3	Horizontal	123	2.00	-
2422MHz	Pass	PK	2.3886G	68.29	74.00	-5.71	30.77	3	Horizontal	123	2.00	-
2422MHz	Pass	PK	2.4238G	112.25	Inf	-Inf	30.90	3	Horizontal	123	2.00	-
2427MHz	Pass	AV	2.389998G	53.56	54.00	-0.44	30.77	3	Vertical	84	1.91	-
2427MHz	Pass	AV	2.4252G	103.69	Inf	-Inf	30.90	3	Vertical	84	1.91	-
2427MHz	Pass	PK	2.389998G	69.69	74.00	-4.31	30.77	3	Vertical	84	1.91	-
2427MHz	Pass	PK	2.4256G	114.94	Inf	-Inf	30.90	3	Vertical	84	1.91	-
2427MHz	Pass	AV	2.3898G	51.81	54.00	-2.19	30.77	3	Horizontal	147	1.33	-
2427MHz	Pass	AV	2.4258G	101.12	Inf	-Inf	30.90	3	Horizontal	147	1.33	-
2427MHz	Pass	PK	2.3898G	67.72	74.00	-6.28	30.77	3	Horizontal	147	1.33	-
2427MHz	Pass	PK	2.4272G	111.65	Inf	-Inf	30.91	3	Horizontal	147	1.33	-
2432MHz	Pass	AV	2.3896G	53.44	54.00	-0.56	30.77	3	Vertical	84	1.65	-
2432MHz	Pass	AV	2.4304G	105.03	Inf	-Inf	30.92	3	Vertical	84	1.65	-
2432MHz	Pass	AV	2.483502G	44.33	54.00	-9.67	31.11	3	Vertical	84	1.65	-
2432MHz	Pass	PK	2.389998G	69.14	74.00	-4.86	30.77	3	Vertical	84	1.65	-
2432MHz	Pass	PK	2.4288G	115.57	Inf	-Inf	30.91	3	Vertical	84	1.65	-
2432MHz	Pass	PK	2.4924G	57.74	74.00	-16.26	31.14	3	Vertical	84	1.65	-
2432MHz	Pass	AV	2.389998G	50.36	54.00	-3.64	30.77	3	Horizontal	148	1.50	-
2432MHz	Pass	AV	2.434G	101.59	Inf	-Inf	30.93	3	Horizontal	148	1.50	-
2432MHz	Pass	AV	2.483502G	44.01	54.00	-9.99	31.11	3	Horizontal	148	1.50	-
2432MHz	Pass	PK	2.3896G	66.21	74.00	-7.79	30.77	3	Horizontal	148	1.50	-
2432MHz	Pass	PK	2.4344G	111.92	Inf	-Inf	30.93	3	Horizontal	148	1.50	-
2432MHz	Pass	PK	2.486G	56.29	74.00	-17.71	31.12	3	Horizontal	148	1.50	-
2437MHz	Pass	AV	2.3898G	53.17	54.00	-0.83	30.38	3	Vertical	269	1.57	-
2437MHz	Pass	AV	2.439G	104.37	Inf	-Inf	30.54	3	Vertical	269	1.57	-
2437MHz	Pass	AV	2.483502G	48.45	54.00	-5.55	30.69	3	Vertical	269	1.57	-
2437MHz	Pass	PK	2.3898G	68.51	74.00	-5.49	30.38	3	Vertical	269	1.57	-
2437MHz	Pass	PK	2.4398G	115.06	Inf	-Inf	30.55	3	Vertical	269	1.57	-
2437MHz	Pass	PK	2.483502G	62.25	74.00	-11.75	30.69	3	Vertical	269	1.57	-
2437MHz	Pass	AV	2.3898G	52.09	54.00	-1.91	30.38	3	Horizontal	222	2.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	AV	2.4354G	104.43	Inf	-Inf	30.53	3	Horizontal	222	2.50	-
2437MHz	Pass	AV	2.483502G	49.40	54.00	-4.60	30.69	3	Horizontal	222	2.50	-
2437MHz	Pass	PK	2.389G	66.15	74.00	-7.85	30.37	3	Horizontal	222	2.50	-
2437MHz	Pass	PK	2.4362G	114.49	Inf	-Inf	30.53	3	Horizontal	222	2.50	-
2437MHz	Pass	PK	2.4846G	62.81	74.00	-11.19	30.69	3	Horizontal	222	2.50	-
2437MHz	Pass	AV	4.87472G	48.10	54.00	-5.90	5.94	3	Vertical	348	1.03	-
2437MHz	Pass	AV	7.3128G	45.99	54.00	-8.01	11.13	3	Vertical	200	1.47	-
2437MHz	Pass	PK	4.87496G	61.16	74.00	-12.84	5.94	3	Vertical	348	1.03	-
2437MHz	Pass	PK	7.30926G	59.67	74.00	-14.33	11.12	3	Vertical	200	1.47	-
2437MHz	Pass	AV	4.87472G	44.86	54.00	-9.14	5.94	3	Horizontal	346	1.48	-
2437MHz	Pass	AV	7.3116G	45.43	54.00	-8.57	11.12	3	Horizontal	351	1.30	-
2437MHz	Pass	PK	4.87676G	58.23	74.00	-15.77	5.94	3	Horizontal	346	1.48	-
2437MHz	Pass	PK	7.31418G	58.59	74.00	-15.41	11.13	3	Horizontal	351	1.30	-
2442MHz	Pass	AV	2.389998G	51.13	54.00	-2.87	30.77	3	Vertical	90	1.68	-
2442MHz	Pass	AV	2.4392G	105.87	Inf	-Inf	30.95	3	Vertical	90	1.68	-
2442MHz	Pass	AV	2.483502G	51.42	54.00	-2.58	31.11	3	Vertical	90	1.68	-
2442MHz	Pass	PK	2.3884G	69.77	74.00	-4.23	30.77	3	Vertical	90	1.68	-
2442MHz	Pass	PK	2.44G	115.82	Inf	-Inf	30.95	3	Vertical	90	1.68	-
2442MHz	Pass	PK	2.4852G	68.24	74.00	-5.76	31.12	3	Vertical	90	1.68	-
2442MHz	Pass	AV	2.389998G	47.06	54.00	-6.94	30.77	3	Horizontal	127	1.50	-
2442MHz	Pass	AV	2.4432G	103.22	Inf	-Inf	30.97	3	Horizontal	127	1.50	-
2442MHz	Pass	AV	2.483502G	51.10	54.00	-2.90	31.11	3	Horizontal	127	1.50	-
2442MHz	Pass	PK	2.3884G	62.47	74.00	-11.53	30.77	3	Horizontal	127	1.50	-
2442MHz	Pass	PK	2.4448G	113.27	Inf	-Inf	30.97	3	Horizontal	127	1.50	-
2442MHz	Pass	PK	2.483502G	68.10	74.00	-5.90	31.11	3	Horizontal	127	1.50	-
2447MHz	Pass	AV	2.4494G	105.64	Inf	-Inf	30.99	3	Vertical	86	1.89	-
2447MHz	Pass	AV	2.4838G	53.46	54.00	-0.54	31.11	3	Vertical	86	1.89	-
2447MHz	Pass	PK	2.45G	115.89	Inf	-Inf	30.99	3	Vertical	86	1.89	-
2447MHz	Pass	PK	2.485G	70.48	74.00	-3.52	31.12	3	Vertical	86	1.89	-
2447MHz	Pass	AV	2.4488G	103.51	Inf	-Inf	30.99	3	Horizontal	125	1.50	-
2447MHz	Pass	AV	2.483502G	52.58	54.00	-1.42	31.11	3	Horizontal	125	1.50	-
2447MHz	Pass	PK	2.4482G	113.84	Inf	-Inf	30.98	3	Horizontal	125	1.50	-
2447MHz	Pass	PK	2.4848G	69.59	74.00	-4.41	31.12	3	Horizontal	125	1.50	-
2452MHz	Pass	AV	2.4504G	104.86	Inf	-Inf	30.99	3	Vertical	86	1.90	-
2452MHz	Pass	AV	2.483502G	53.76	54.00	-0.24	31.11	3	Vertical	86	1.90	-
2452MHz	Pass	PK	2.4492G	115.13	Inf	-Inf	30.99	3	Vertical	86	1.90	-
2452MHz	Pass	PK	2.4836G	70.87	74.00	-3.13	31.11	3	Vertical	86	1.90	-
2452MHz	Pass	AV	2.4502G	103.05	Inf	-Inf	30.99	3	Horizontal	125	1.49	-
2452MHz	Pass	AV	2.483502G	53.01	54.00	-0.99	31.11	3	Horizontal	125	1.49	-
2452MHz	Pass	PK	2.4504G	113.08	Inf	-Inf	30.99	3	Horizontal	125	1.49	-
2452MHz	Pass	PK	2.4836G	71.90	74.00	-2.10	31.11	3	Horizontal	125	1.49	-
2457MHz	Pass	AV	2.4556G	104.21	Inf	-Inf	31.01	3	Vertical	87	1.90	-
2457MHz	Pass	AV	2.483502G	53.81	54.00	-0.19	31.11	3	Vertical	87	1.90	-
2457MHz	Pass	PK	2.4558G	114.92	Inf	-Inf	31.01	3	Vertical	87	1.90	-
2457MHz	Pass	PK	2.4836G	71.17	74.00	-2.83	31.11	3	Vertical	87	1.90	-
2457MHz	Pass	AV	2.4552G	101.82	Inf	-Inf	31.01	3	Horizontal	124	1.32	-
2457MHz	Pass	AV	2.483502G	52.56	54.00	-1.44	31.11	3	Horizontal	124	1.32	-
2457MHz	Pass	PK	2.4594G	111.88	Inf	-Inf	31.02	3	Horizontal	124	1.32	-
2457MHz	Pass	PK	2.4862G	67.46	74.00	-6.54	31.12	3	Horizontal	124	1.32	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	AV	2.463G	100.07	Inf	-Inf	30.62	3	Vertical	267	1.32	-
2462MHz	Pass	AV	2.483502G	53.00	54.00	-1.00	30.69	3	Vertical	267	1.32	-
2462MHz	Pass	PK	2.4634G	110.08	Inf	-Inf	30.63	3	Vertical	267	1.32	-
2462MHz	Pass	PK	2.484G	66.58	74.00	-7.42	30.69	3	Vertical	267	1.32	-
2462MHz	Pass	AV	2.4634G	99.94	Inf	-Inf	30.63	3	Horizontal	225	1.79	-
2462MHz	Pass	AV	2.483502G	53.71	54.00	-0.29	30.69	3	Horizontal	225	1.79	-
2462MHz	Pass	PK	2.4608G	109.80	Inf	-Inf	30.62	3	Horizontal	225	1.79	-
2462MHz	Pass	PK	2.483502G	68.34	74.00	-5.66	30.69	3	Horizontal	225	1.79	-
2462MHz	Pass	AV	4.92348G	44.93	54.00	-9.07	6.04	3	Vertical	348	1.05	-
2462MHz	Pass	AV	7.38416G	40.17	54.00	-13.83	11.33	3	Vertical	201	1.47	-
2462MHz	Pass	PK	4.92164G	58.54	74.00	-15.46	6.04	3	Vertical	348	1.05	-
2462MHz	Pass	PK	7.38372G	54.59	74.00	-19.41	11.32	3	Vertical	201	1.47	-
2462MHz	Pass	AV	4.92488G	43.83	54.00	-10.17	6.04	3	Horizontal	333	1.93	-
2462MHz	Pass	AV	7.38612G	40.26	54.00	-13.74	11.33	3	Horizontal	151	1.50	-
2462MHz	Pass	PK	4.92452G	57.78	74.00	-16.22	6.04	3	Horizontal	333	1.93	-
2462MHz	Pass	PK	7.38228G	54.62	74.00	-19.38	11.32	3	Horizontal	151	1.50	-
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.389998G	51.35	54.00	-2.65	30.38	3	Vertical	268	1.79	-
2412MHz	Pass	AV	2.4106G	96.48	Inf	-Inf	30.45	3	Vertical	268	1.79	-
2412MHz	Pass	PK	2.3896G	63.05	74.00	-10.95	30.38	3	Vertical	268	1.79	-
2412MHz	Pass	PK	2.4102G	106.45	Inf	-Inf	30.44	3	Vertical	268	1.79	-
2412MHz	Pass	PK	2.3898G	64.40	74.00	-9.60	30.38	3	Horizontal	325	3.19	-
2412MHz	Pass	AV	2.389998G	53.69	54.00	-0.31	30.38	3	Horizontal	325	3.19	-
2412MHz	Pass	PK	2.4104G	108.85	Inf	-Inf	30.45	3	Horizontal	325	3.19	-
2412MHz	Pass	AV	2.4102G	98.02	Inf	-Inf	30.44	3	Horizontal	325	3.19	-
2412MHz	Pass	AV	4.82468G	41.61	54.00	-12.39	5.83	3	Vertical	352	1.04	-
2412MHz	Pass	PK	4.82532G	55.57	74.00	-18.43	5.83	3	Vertical	352	1.04	-
2412MHz	Pass	AV	4.8238G	39.18	54.00	-14.82	5.83	3	Horizontal	346	2.19	-
2412MHz	Pass	PK	4.8262G	53.84	74.00	-20.16	5.84	3	Horizontal	346	2.19	-
2417MHz	Pass	AV	2.389998G	53.10	54.00	-0.90	30.77	3	Vertical	90	1.70	-
2417MHz	Pass	AV	2.415G	101.26	Inf	-Inf	30.86	3	Vertical	90	1.70	-
2417MHz	Pass	PK	2.3882G	68.23	74.00	-5.77	30.77	3	Vertical	90	1.70	-
2417MHz	Pass	PK	2.4156G	111.87	Inf	-Inf	30.87	3	Vertical	90	1.70	-
2417MHz	Pass	AV	2.389998G	49.87	54.00	-4.13	30.77	3	Horizontal	124	1.31	-
2417MHz	Pass	AV	2.416G	98.67	Inf	-Inf	30.87	3	Horizontal	124	1.31	-
2417MHz	Pass	PK	2.389G	65.40	74.00	-8.60	30.77	3	Horizontal	124	1.31	-
2417MHz	Pass	PK	2.418G	108.92	Inf	-Inf	30.87	3	Horizontal	124	1.31	-
2422MHz	Pass	AV	2.3898G	53.82	54.00	-0.18	30.77	3	Vertical	87	1.68	-
2422MHz	Pass	AV	2.421G	102.70	Inf	-Inf	30.89	3	Vertical	87	1.68	-
2422MHz	Pass	PK	2.3894G	69.76	74.00	-4.24	30.77	3	Vertical	87	1.68	-
2422MHz	Pass	PK	2.4206G	112.92	Inf	-Inf	30.88	3	Vertical	87	1.68	-
2422MHz	Pass	AV	2.389998G	50.87	54.00	-3.13	30.77	3	Horizontal	127	1.99	-
2422MHz	Pass	AV	2.4204G	100.66	Inf	-Inf	30.88	3	Horizontal	127	1.99	-
2422MHz	Pass	PK	2.3892G	65.85	74.00	-8.15	30.77	3	Horizontal	127	1.99	-
2422MHz	Pass	PK	2.4206G	111.10	Inf	-Inf	30.88	3	Horizontal	127	1.99	-
2427MHz	Pass	AV	2.389998G	52.19	54.00	-1.81	30.77	3	Vertical	94	1.66	-
2427MHz	Pass	AV	2.429G	103.18	Inf	-Inf	30.91	3	Vertical	94	1.66	-
2427MHz	Pass	PK	2.3898G	67.91	74.00	-6.09	30.77	3	Vertical	94	1.66	-
2427MHz	Pass	PK	2.4246G	113.72	Inf	-Inf	30.90	3	Vertical	94	1.66	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2427MHz	Pass	AV	2.389998G	49.39	54.00	-4.61	30.77	3	Horizontal	152	1.31	-
2427MHz	Pass	AV	2.4252G	99.57	Inf	-Inf	30.90	3	Horizontal	152	1.31	-
2427MHz	Pass	PK	2.3898G	64.62	74.00	-9.38	30.77	3	Horizontal	152	1.31	-
2427MHz	Pass	PK	2.425G	110.03	Inf	-Inf	30.90	3	Horizontal	152	1.31	-
2432MHz	Pass	AV	2.389998G	53.75	54.00	-0.25	30.77	3	Vertical	89	1.64	-
2432MHz	Pass	AV	2.4332G	104.94	Inf	-Inf	30.93	3	Vertical	89	1.64	-
2432MHz	Pass	AV	2.484G	44.29	54.00	-9.71	31.12	3	Vertical	89	1.64	-
2432MHz	Pass	PK	2.3896G	69.72	74.00	-4.28	30.77	3	Vertical	89	1.64	-
2432MHz	Pass	PK	2.432G	115.51	Inf	-Inf	30.93	3	Vertical	89	1.64	-
2432MHz	Pass	PK	2.4844G	57.72	74.00	-16.28	31.12	3	Vertical	89	1.64	-
2432MHz	Pass	AV	2.389998G	51.14	54.00	-2.86	30.77	3	Horizontal	152	1.52	-
2432MHz	Pass	AV	2.4332G	101.81	Inf	-Inf	30.93	3	Horizontal	152	1.52	-
2432MHz	Pass	AV	2.484G	44.12	54.00	-9.88	31.12	3	Horizontal	152	1.52	-
2432MHz	Pass	PK	2.3892G	66.17	74.00	-7.83	30.77	3	Horizontal	152	1.52	-
2432MHz	Pass	PK	2.4344G	112.02	Inf	-Inf	30.93	3	Horizontal	152	1.52	-
2432MHz	Pass	PK	2.484G	56.65	74.00	-17.35	31.12	3	Horizontal	152	1.52	-
2437MHz	Pass	AV	2.3898G	53.53	54.00	-0.47	30.38	3	Vertical	271	1.39	-
2437MHz	Pass	AV	2.4354G	104.37	Inf	-Inf	30.53	3	Vertical	271	1.39	-
2437MHz	Pass	AV	2.483502G	48.79	54.00	-5.21	30.69	3	Vertical	271	1.39	-
2437MHz	Pass	PK	2.389G	66.71	74.00	-7.29	30.37	3	Vertical	271	1.39	-
2437MHz	Pass	PK	2.439G	115.31	Inf	-Inf	30.54	3	Vertical	271	1.39	-
2437MHz	Pass	PK	2.4846G	64.48	74.00	-9.52	30.69	3	Vertical	271	1.39	-
2437MHz	Pass	AV	2.3898G	51.82	54.00	-2.18	30.38	3	Horizontal	222	2.50	-
2437MHz	Pass	AV	2.4342G	104.06	Inf	-Inf	30.53	3	Horizontal	222	2.50	-
2437MHz	Pass	AV	2.483502G	48.87	54.00	-5.13	30.69	3	Horizontal	222	2.50	-
2437MHz	Pass	PK	2.3894G	65.90	74.00	-8.10	30.37	3	Horizontal	222	2.50	-
2437MHz	Pass	PK	2.4346G	114.87	Inf	-Inf	30.53	3	Horizontal	222	2.50	-
2437MHz	Pass	PK	2.4842G	63.14	74.00	-10.86	30.69	3	Horizontal	222	2.50	-
2437MHz	Pass	AV	4.87292G	47.85	54.00	-6.15	5.93	3	Vertical	349	1.04	-
2437MHz	Pass	AV	7.31132G	45.31	54.00	-8.69	11.12	3	Vertical	200	1.47	-
2437MHz	Pass	PK	4.87512G	61.21	74.00	-12.79	5.94	3	Vertical	349	1.04	-
2437MHz	Pass	PK	7.31024G	60.72	74.00	-13.28	11.12	3	Vertical	200	1.47	-
2437MHz	Pass	AV	4.87592G	45.07	54.00	-8.93	5.94	3	Horizontal	346	1.50	-
2437MHz	Pass	AV	7.312G	45.76	54.00	-8.24	11.12	3	Horizontal	153	1.71	-
2437MHz	Pass	PK	4.874G	58.63	74.00	-15.37	5.94	3	Horizontal	346	1.50	-
2437MHz	Pass	PK	7.30492G	59.62	74.00	-14.38	11.10	3	Horizontal	153	1.71	-
2442MHz	Pass	AV	2.389998G	51.48	54.00	-2.52	30.77	3	Vertical	96	1.66	-
2442MHz	Pass	AV	2.4408G	106.02	Inf	-Inf	30.96	3	Vertical	96	1.66	-
2442MHz	Pass	AV	2.483502G	51.94	54.00	-2.06	31.11	3	Vertical	96	1.66	-
2442MHz	Pass	PK	2.389998G	68.06	74.00	-5.94	30.77	3	Vertical	96	1.66	-
2442MHz	Pass	PK	2.4408G	116.26	Inf	-Inf	30.96	3	Vertical	96	1.66	-
2442MHz	Pass	PK	2.483502G	67.21	74.00	-6.79	31.11	3	Vertical	96	1.66	-
2442MHz	Pass	AV	2.389998G	47.96	54.00	-6.04	30.77	3	Horizontal	129	1.50	-
2442MHz	Pass	AV	2.4432G	103.03	Inf	-Inf	30.97	3	Horizontal	129	1.50	-
2442MHz	Pass	AV	2.483502G	51.22	54.00	-2.78	31.11	3	Horizontal	129	1.50	-
2442MHz	Pass	PK	2.3888G	63.89	74.00	-10.11	30.77	3	Horizontal	129	1.50	-
2442MHz	Pass	PK	2.442G	113.23	Inf	-Inf	30.96	3	Horizontal	129	1.50	-
2442MHz	Pass	PK	2.4852G	66.53	74.00	-7.47	31.12	3	Horizontal	129	1.50	-
2447MHz	Pass	AV	2.3898G	47.52	54.00	-6.48	30.77	3	Vertical	92	1.90	-

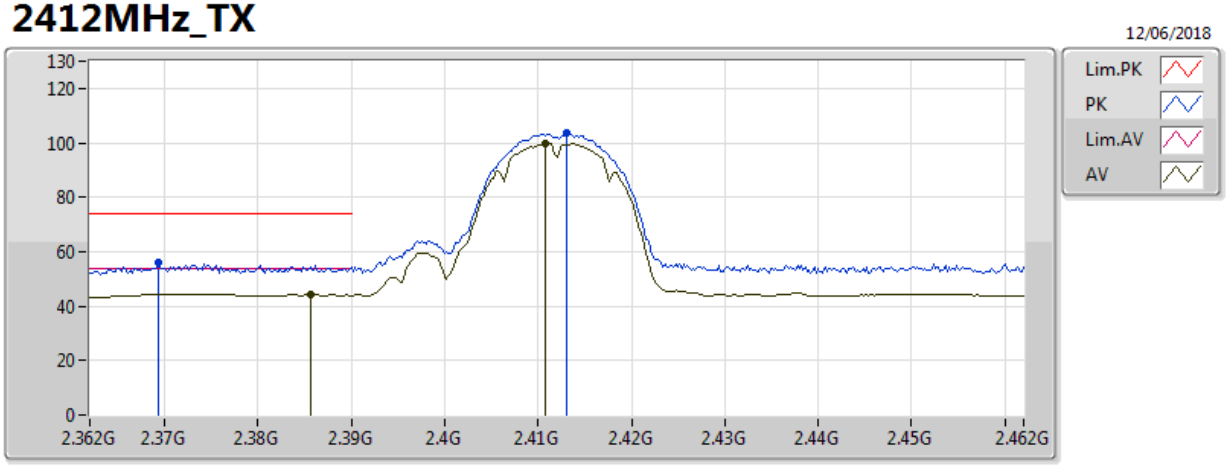
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2447MHz	Pass	AV	2.4482G	105.29	Inf	-Inf	30.98	3	Vertical	92	1.90	-
2447MHz	Pass	AV	2.483502G	53.70	54.00	-0.30	31.11	3	Vertical	92	1.90	-
2447MHz	Pass	PK	2.387G	64.05	74.00	-9.95	30.76	3	Vertical	92	1.90	-
2447MHz	Pass	PK	2.449G	116.17	Inf	-Inf	30.99	3	Vertical	92	1.90	-
2447MHz	Pass	PK	2.483502G	70.21	74.00	-3.79	31.11	3	Vertical	92	1.90	-
2447MHz	Pass	AV	2.3898G	45.17	54.00	-8.83	30.77	3	Horizontal	130	1.50	-
2447MHz	Pass	AV	2.4482G	103.49	Inf	-Inf	30.98	3	Horizontal	130	1.50	-
2447MHz	Pass	AV	2.483502G	53.19	54.00	-0.81	31.11	3	Horizontal	130	1.50	-
2447MHz	Pass	PK	2.3878G	60.08	74.00	-13.92	30.77	3	Horizontal	130	1.50	-
2447MHz	Pass	PK	2.4454G	114.38	Inf	-Inf	30.97	3	Horizontal	130	1.50	-
2447MHz	Pass	PK	2.4838G	68.44	74.00	-5.56	31.11	3	Horizontal	130	1.50	-
2452MHz	Pass	AV	2.451G	105.00	Inf	-Inf	30.99	3	Vertical	92	1.89	-
2452MHz	Pass	AV	2.483502G	53.88	54.00	-0.12	31.11	3	Vertical	92	1.89	-
2452MHz	Pass	PK	2.4532G	115.35	Inf	-Inf	31.00	3	Vertical	92	1.89	-
2452MHz	Pass	PK	2.483502G	69.12	74.00	-4.88	31.11	3	Vertical	92	1.89	-
2452MHz	Pass	AV	2.4498G	102.89	Inf	-Inf	30.99	3	Horizontal	128	1.50	-
2452MHz	Pass	AV	2.483502G	53.08	54.00	-0.92	31.11	3	Horizontal	128	1.50	-
2452MHz	Pass	PK	2.4486G	113.38	Inf	-Inf	30.98	3	Horizontal	128	1.50	-
2452MHz	Pass	PK	2.4838G	69.34	74.00	-4.66	31.11	3	Horizontal	128	1.50	-
2457MHz	Pass	AV	2.4558G	103.88	Inf	-Inf	31.01	3	Vertical	93	1.87	-
2457MHz	Pass	AV	2.483502G	53.57	54.00	-0.43	31.11	3	Vertical	93	1.87	-
2457MHz	Pass	PK	2.458G	114.74	Inf	-Inf	31.02	3	Vertical	93	1.87	-
2457MHz	Pass	PK	2.4836G	69.13	74.00	-4.87	31.11	3	Vertical	93	1.87	-
2457MHz	Pass	AV	2.4552G	101.83	Inf	-Inf	31.01	3	Horizontal	129	1.33	-
2457MHz	Pass	AV	2.483502G	52.14	54.00	-1.86	31.11	3	Horizontal	129	1.33	-
2457MHz	Pass	PK	2.4592G	112.32	Inf	-Inf	31.02	3	Horizontal	129	1.33	-
2457MHz	Pass	PK	2.483502G	66.93	74.00	-7.07	31.11	3	Horizontal	129	1.33	-
2462MHz	Pass	AV	2.4602G	98.70	Inf	-Inf	30.61	3	Vertical	261	1.76	-
2462MHz	Pass	AV	2.483502G	52.54	54.00	-1.46	30.69	3	Vertical	261	1.76	-
2462MHz	Pass	PK	2.4632G	109.32	Inf	-Inf	30.62	3	Vertical	261	1.76	-
2462MHz	Pass	PK	2.4838G	66.93	74.00	-7.07	30.69	3	Vertical	261	1.76	-
2462MHz	Pass	AV	2.4632G	99.26	Inf	-Inf	30.62	3	Horizontal	228	1.78	-
2462MHz	Pass	AV	2.483502G	53.07	54.00	-0.93	30.69	3	Horizontal	228	1.78	-
2462MHz	Pass	PK	2.4606G	108.90	Inf	-Inf	30.62	3	Horizontal	228	1.78	-
2462MHz	Pass	PK	2.483502G	64.26	74.00	-9.74	30.69	3	Horizontal	228	1.78	-
2462MHz	Pass	AV	4.9255G	43.00	54.00	-11.00	6.04	3	Vertical	226	1.17	-
2462MHz	Pass	PK	4.92556G	57.87	74.00	-16.13	6.04	3	Vertical	226	1.17	-
2462MHz	Pass	AV	4.92322G	39.75	54.00	-14.25	6.04	3	Horizontal	78	2.22	-
2462MHz	Pass	PK	4.92508G	54.60	74.00	-19.40	6.04	3	Horizontal	78	2.22	-
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.389998G	53.37	54.00	-0.63	30.38	3	Vertical	277	1.15	-
2422MHz	Pass	AV	2.4156G	89.90	Inf	-Inf	30.46	3	Vertical	277	1.15	-
2422MHz	Pass	AV	2.498G	43.42	54.00	-10.58	30.75	3	Vertical	277	1.15	-
2422MHz	Pass	PK	2.389998G	68.06	74.00	-5.94	30.38	3	Vertical	277	1.15	-
2422MHz	Pass	PK	2.4164G	101.14	Inf	-Inf	30.47	3	Vertical	277	1.15	-
2422MHz	Pass	PK	2.486G	55.77	74.00	-18.23	30.71	3	Vertical	277	1.15	-
2422MHz	Pass	PK	2.3884G	65.80	74.00	-8.20	30.37	3	Horizontal	145	1.96	-
2422MHz	Pass	AV	2.389998G	53.13	54.00	-0.87	30.38	3	Horizontal	145	1.96	-
2422MHz	Pass	PK	2.4176G	100.85	Inf	-Inf	30.47	3	Horizontal	145	1.96	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2422MHz	Pass	AV	2.4168G	89.86	Inf	-Inf	30.47	3	Horizontal	145	1.96	-
2422MHz	Pass	PK	2.4996G	55.67	74.00	-18.33	30.75	3	Horizontal	145	1.96	-
2422MHz	Pass	AV	2.4992G	43.40	54.00	-10.60	30.75	3	Horizontal	145	1.96	-
2422MHz	Pass	AV	4.84172G	34.47	54.00	-19.53	5.87	3	Vertical	348	1.37	-
2422MHz	Pass	AV	7.2603G	36.71	54.00	-17.29	10.99	3	Vertical	152	1.50	-
2422MHz	Pass	PK	4.83278G	49.27	74.00	-24.73	5.85	3	Vertical	348	1.37	-
2422MHz	Pass	PK	7.2666G	50.41	74.00	-23.59	11.00	3	Vertical	152	1.50	-
2422MHz	Pass	AV	4.8368G	32.41	54.00	-21.59	5.86	3	Horizontal	67	1.89	-
2422MHz	Pass	AV	7.2606G	36.54	54.00	-17.46	10.99	3	Horizontal	67	1.50	-
2422MHz	Pass	PK	4.84898G	46.84	74.00	-27.16	5.88	3	Horizontal	67	1.89	-
2422MHz	Pass	PK	7.2525G	53.35	74.00	-20.65	10.97	3	Horizontal	67	1.50	-
2427MHz	Pass	AV	2.3898G	53.86	54.00	-0.14	30.77	3	Vertical	156	1.52	-
2427MHz	Pass	AV	2.431G	92.42	Inf	-Inf	30.92	3	Vertical	156	1.52	-
2427MHz	Pass	AV	2.4838G	43.11	54.00	-10.89	31.11	3	Vertical	156	1.52	-
2427MHz	Pass	PK	2.3894G	68.23	74.00	-5.77	30.77	3	Vertical	156	1.52	-
2427MHz	Pass	PK	2.4286G	103.63	Inf	-Inf	30.91	3	Vertical	156	1.52	-
2427MHz	Pass	PK	2.4978G	57.55	74.00	-16.45	31.16	3	Vertical	156	1.52	-
2427MHz	Pass	AV	2.3898G	51.53	54.00	-2.47	30.77	3	Horizontal	156	1.52	-
2427MHz	Pass	AV	2.4206G	89.63	Inf	-Inf	30.88	3	Horizontal	156	1.52	-
2427MHz	Pass	AV	2.4846G	43.34	54.00	-10.66	31.12	3	Horizontal	156	1.52	-
2427MHz	Pass	PK	2.3894G	65.12	74.00	-8.88	30.77	3	Horizontal	156	1.52	-
2427MHz	Pass	PK	2.4206G	100.14	Inf	-Inf	30.88	3	Horizontal	156	1.52	-
2427MHz	Pass	PK	2.493G	56.12	74.00	-17.88	31.14	3	Horizontal	156	1.52	-
2432MHz	Pass	AV	2.389998G	52.90	54.00	-1.10	30.77	3	Vertical	93	1.66	-
2432MHz	Pass	AV	2.4288G	93.16	Inf	-Inf	30.91	3	Vertical	93	1.66	-
2432MHz	Pass	AV	2.484G	44.25	54.00	-9.75	31.12	3	Vertical	93	1.66	-
2432MHz	Pass	PK	2.3896G	67.53	74.00	-6.47	30.77	3	Vertical	93	1.66	-
2432MHz	Pass	PK	2.4288G	104.55	Inf	-Inf	30.91	3	Vertical	93	1.66	-
2432MHz	Pass	PK	2.484G	57.64	74.00	-16.36	31.12	3	Vertical	93	1.66	-
2432MHz	Pass	AV	2.389998G	49.59	54.00	-4.41	30.77	3	Horizontal	156	1.52	-
2432MHz	Pass	AV	2.4388G	89.85	Inf	-Inf	30.95	3	Horizontal	156	1.52	-
2432MHz	Pass	AV	2.483502G	43.82	54.00	-10.18	31.11	3	Horizontal	156	1.52	-
2432MHz	Pass	PK	2.389998G	63.54	74.00	-10.46	30.77	3	Horizontal	156	1.52	-
2432MHz	Pass	PK	2.4412G	100.17	Inf	-Inf	30.96	3	Horizontal	156	1.52	-
2432MHz	Pass	PK	2.4864G	57.48	74.00	-16.52	31.12	3	Horizontal	156	1.52	-
2437MHz	Pass	AV	2.3898G	53.78	54.00	-0.22	30.38	3	Vertical	277	2.64	-
2437MHz	Pass	AV	2.4342G	94.02	Inf	-Inf	30.53	3	Vertical	277	2.64	-
2437MHz	Pass	AV	2.483502G	48.87	54.00	-5.13	30.69	3	Vertical	277	2.64	-
2437MHz	Pass	PK	2.3894G	68.26	74.00	-5.74	30.37	3	Vertical	277	2.64	-
2437MHz	Pass	PK	2.4322G	104.76	Inf	-Inf	30.52	3	Vertical	277	2.64	-
2437MHz	Pass	PK	2.4842G	62.60	74.00	-11.40	30.69	3	Vertical	277	2.64	-
2437MHz	Pass	AV	2.3898G	53.77	54.00	-0.23	30.38	3	Horizontal	322	3.07	-
2437MHz	Pass	AV	2.431G	94.44	Inf	-Inf	30.52	3	Horizontal	322	3.07	-
2437MHz	Pass	AV	2.483502G	48.86	54.00	-5.14	30.69	3	Horizontal	322	3.07	-
2437MHz	Pass	PK	2.3894G	69.01	74.00	-4.99	30.37	3	Horizontal	322	3.07	-
2437MHz	Pass	PK	2.4306G	105.78	Inf	-Inf	30.51	3	Horizontal	322	3.07	-
2437MHz	Pass	PK	2.4838G	61.90	74.00	-12.10	30.69	3	Horizontal	322	3.07	-
2437MHz	Pass	AV	4.874G	37.98	54.00	-16.02	5.94	3	Vertical	349	1.20	-
2437MHz	Pass	AV	7.31142G	36.68	54.00	-17.32	11.12	3	Vertical	191	1.45	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	PK	4.87388G	52.85	74.00	-21.15	5.94	3	Vertical	349	1.20	-
2437MHz	Pass	PK	7.31136G	50.28	74.00	-23.72	11.12	3	Vertical	191	1.45	-
2437MHz	Pass	AV	4.87502G	36.14	54.00	-17.86	5.94	3	Horizontal	330	2.49	-
2437MHz	Pass	AV	7.31892G	36.76	54.00	-17.24	11.14	3	Horizontal	199	1.41	-
2437MHz	Pass	PK	4.8743G	50.21	74.00	-23.79	5.94	3	Horizontal	330	2.49	-
2437MHz	Pass	PK	7.32084G	50.90	74.00	-23.10	11.15	3	Horizontal	199	1.41	-
2452MHz	Pass	AV	2.389998G	45.98	54.00	-8.02	30.38	3	Vertical	277	2.18	-
2452MHz	Pass	AV	2.45G	93.96	Inf	-Inf	30.58	3	Vertical	277	2.18	-
2452MHz	Pass	AV	2.483502G	53.14	54.00	-0.86	30.69	3	Vertical	277	2.18	-
2452MHz	Pass	PK	2.3892G	58.69	74.00	-15.31	30.37	3	Vertical	277	2.18	-
2452MHz	Pass	PK	2.4496G	105.01	Inf	-Inf	30.58	3	Vertical	277	2.18	-
2452MHz	Pass	PK	2.486G	66.64	74.00	-7.36	30.71	3	Vertical	277	2.18	-
2452MHz	Pass	AV	2.389998G	45.37	54.00	-8.63	30.38	3	Horizontal	324	2.99	-
2452MHz	Pass	AV	2.4552G	94.68	Inf	-Inf	30.60	3	Horizontal	324	2.99	-
2452MHz	Pass	AV	2.483502G	53.36	54.00	-0.64	30.69	3	Horizontal	324	2.99	-
2452MHz	Pass	PK	2.3868G	57.90	74.00	-16.10	30.37	3	Horizontal	324	2.99	-
2452MHz	Pass	PK	2.454G	105.54	Inf	-Inf	30.59	3	Horizontal	324	2.99	-
2452MHz	Pass	PK	2.484G	67.41	74.00	-6.59	30.69	3	Horizontal	324	2.99	-
2452MHz	Pass	AV	4.90418G	38.46	54.00	-15.54	6.00	3	Vertical	350	1.07	-
2452MHz	Pass	AV	7.3683G	37.24	54.00	-16.76	11.28	3	Vertical	196	1.16	-
2452MHz	Pass	PK	4.90586G	52.81	74.00	-21.19	6.00	3	Vertical	350	1.07	-
2452MHz	Pass	PK	7.35798G	51.21	74.00	-22.79	11.25	3	Vertical	196	1.16	-
2452MHz	Pass	AV	4.90412G	35.88	54.00	-18.12	6.00	3	Horizontal	162	2.75	-
2452MHz	Pass	AV	7.36884G	37.02	54.00	-16.98	11.28	3	Horizontal	200	1.22	-
2452MHz	Pass	PK	4.90328G	50.08	74.00	-23.92	6.00	3	Horizontal	162	2.75	-
2452MHz	Pass	PK	7.36032G	51.05	74.00	-22.95	11.26	3	Horizontal	200	1.22	-

802.11b_Nss1,(1Mbps)_1TX

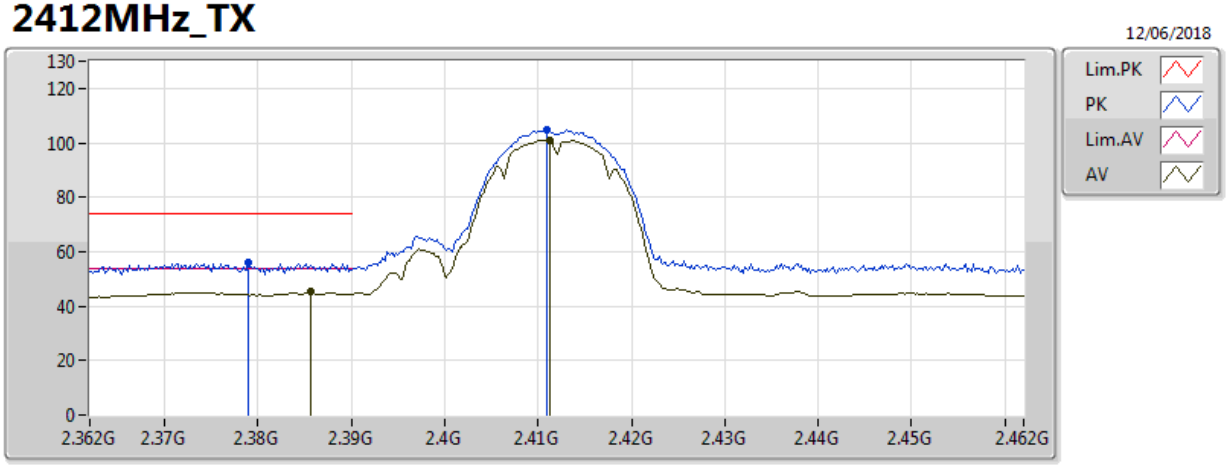
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3856G	44.54	54.00	-9.46	30.37	3	Vertical	271	1.82	-
AV	2.4108G	99.60	Inf	-Inf	30.45	3	Vertical	271	1.82	-
PK	2.3694G	56.20	74.00	-17.80	30.31	3	Vertical	271	1.82	-
PK	2.413G	103.43	Inf	-Inf	30.45	3	Vertical	271	1.82	-

802.11b_Nss1,(1Mbps)_1TX

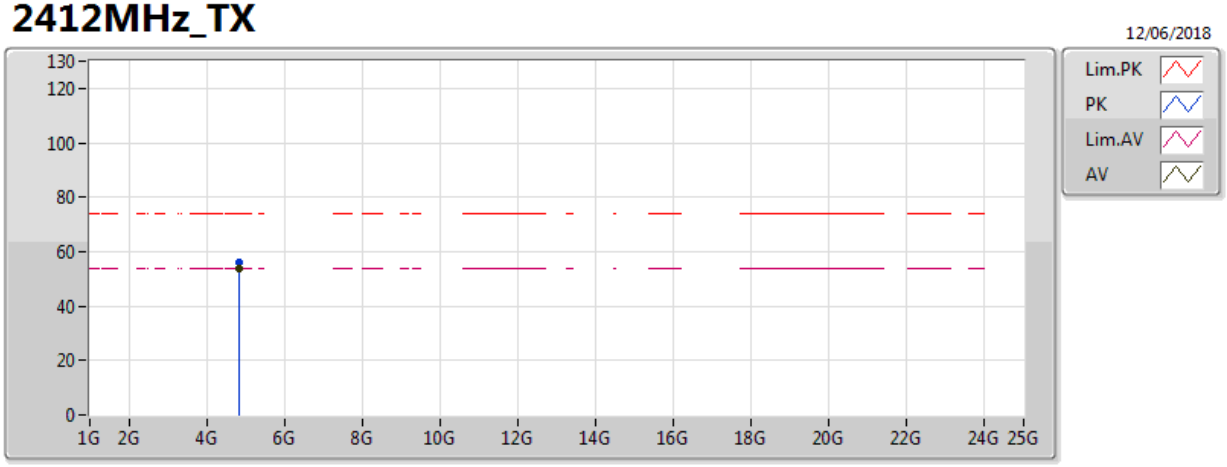
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3856G	45.15	54.00	-8.85	30.37	3	Horizontal	327	3.19	-
AV	2.4112G	100.96	Inf	-Inf	30.45	3	Horizontal	327	3.19	-
PK	2.379G	56.28	74.00	-17.72	30.34	3	Horizontal	327	3.19	-
PK	2.411G	104.66	Inf	-Inf	30.45	3	Horizontal	327	3.19	-

802.11b_Nss1,(1Mbps)_1TX

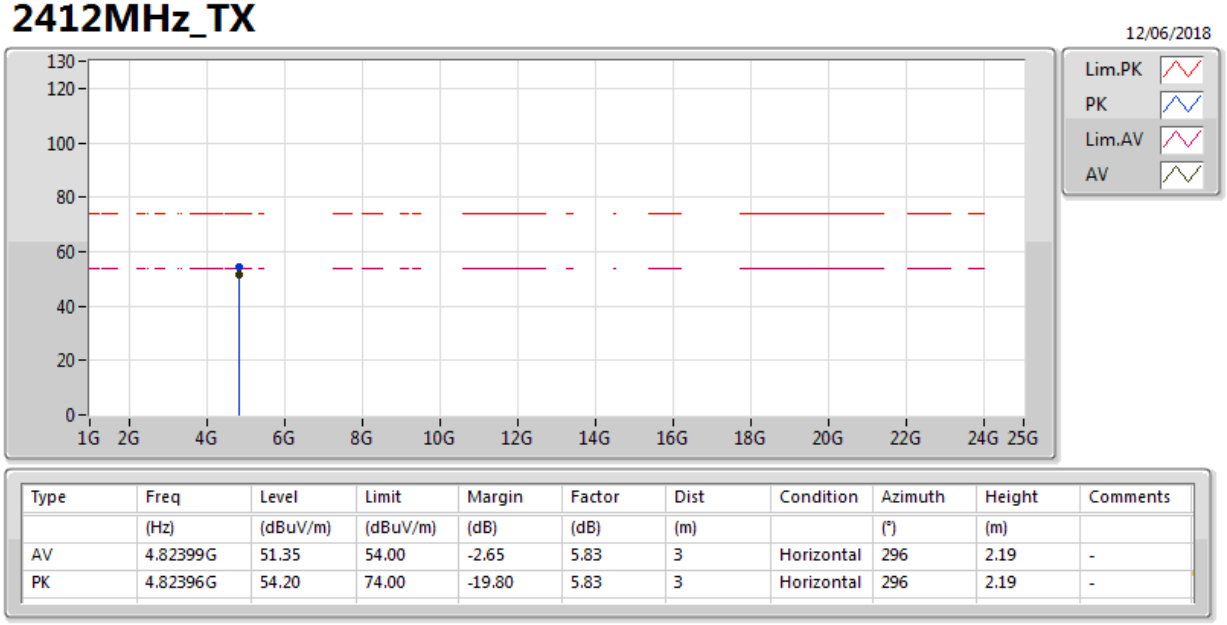
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82398G	53.61	54.00	-0.39	5.83	3	Vertical	352	1.23	-
PK	4.82401G	55.88	74.00	-18.12	5.83	3	Vertical	352	1.23	-

802.11b_Nss1,(1Mbps)_1TX

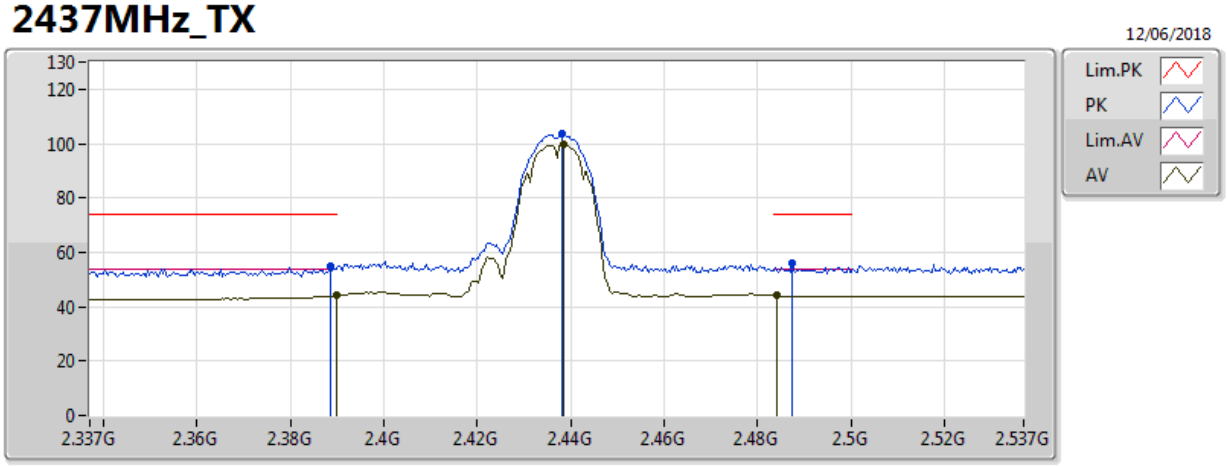
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82399G	51.35	54.00	-2.65	5.83	3	Horizontal	296	2.19	-
PK	4.82396G	54.20	74.00	-19.80	5.83	3	Horizontal	296	2.19	-

802.11b_Nss1,(1Mbps)_1TX

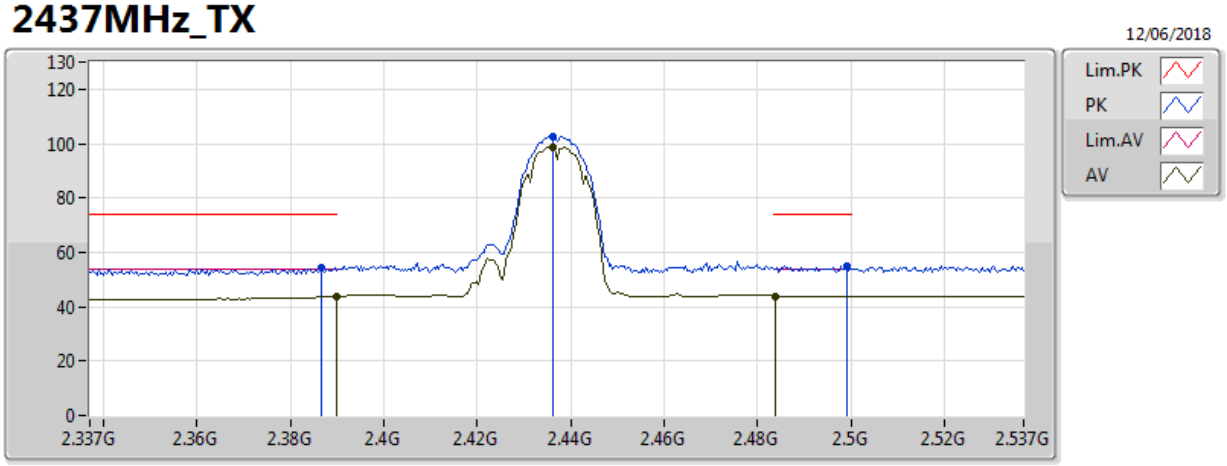
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	44.03	54.00	-9.97	30.38	3	Vertical	268	1.58	-
AV	2.4386G	99.60	Inf	-Inf	30.54	3	Vertical	268	1.58	-
AV	2.4842G	44.00	54.00	-10.00	30.69	3	Vertical	268	1.58	-
PK	2.3886G	54.73	74.00	-19.27	30.37	3	Vertical	268	1.58	-
PK	2.4382G	103.47	Inf	-Inf	30.54	3	Vertical	268	1.58	-
PK	2.4874G	55.89	74.00	-18.11	30.71	3	Vertical	268	1.58	-

802.11b_Nss1,(1Mbps)_1TX

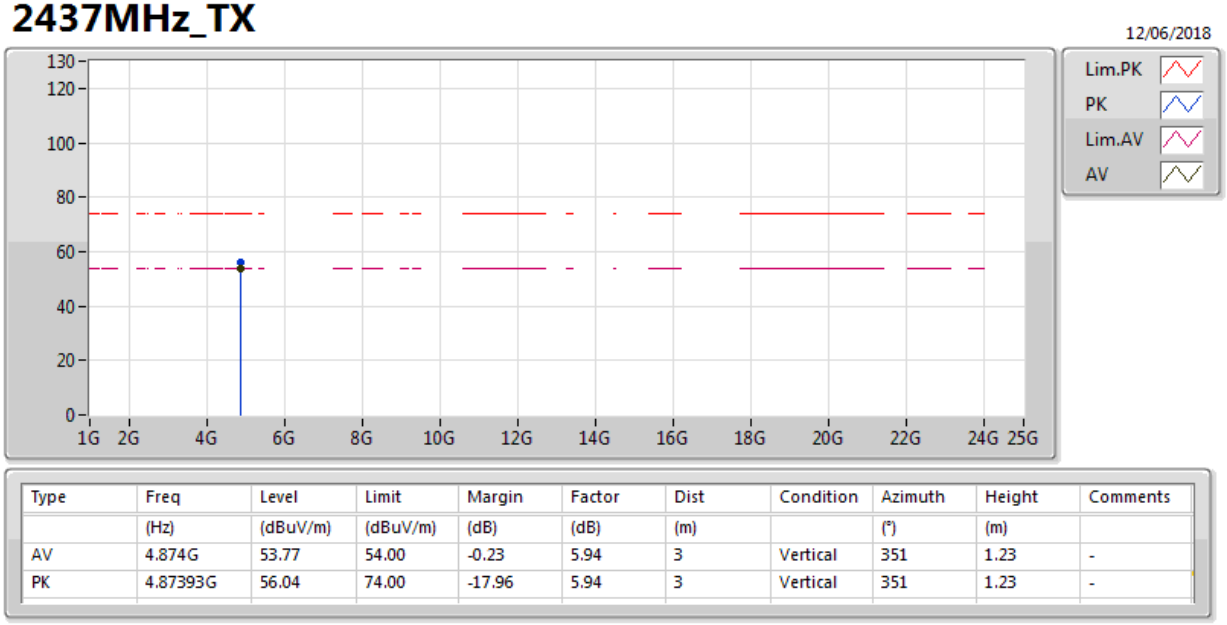
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	43.71	54.00	-10.29	30.38	3	Horizontal	228	2.50	-
AV	2.4362G	98.63	Inf	-Inf	30.53	3	Horizontal	228	2.50	-
AV	2.4838G	43.98	54.00	-10.02	30.69	3	Horizontal	228	2.50	-
PK	2.3866G	54.50	74.00	-19.50	30.37	3	Horizontal	228	2.50	-
PK	2.4362G	102.55	Inf	-Inf	30.53	3	Horizontal	228	2.50	-
PK	2.499G	55.12	74.00	-18.88	30.75	3	Horizontal	228	2.50	-

802.11b_Nss1,(1Mbps)_1TX

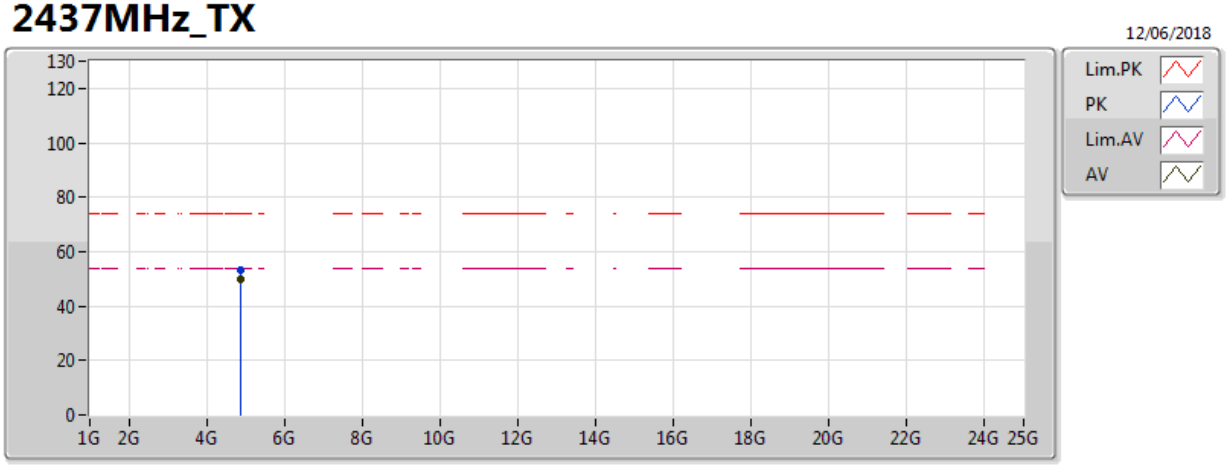
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.874G	53.77	54.00	-0.23	5.94	3	Vertical	351	1.23	-
PK	4.87393G	56.04	74.00	-17.96	5.94	3	Vertical	351	1.23	-

802.11b_Nss1,(1Mbps)_1TX

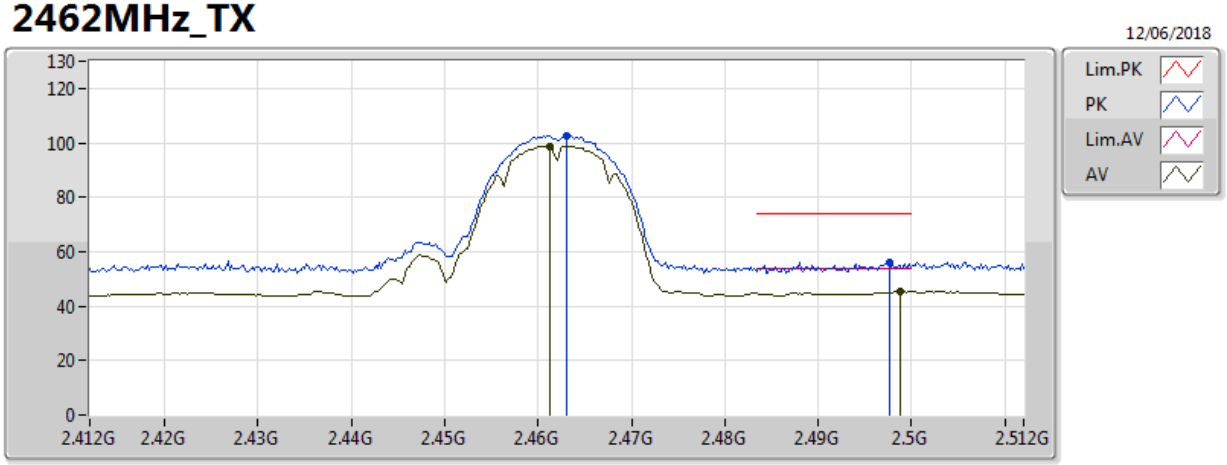
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87397G	50.12	54.00	-3.88	5.94	3	Horizontal	346	1.50	-
PK	4.87393G	53.22	74.00	-20.78	5.94	3	Horizontal	346	1.50	-

802.11b_Nss1,(1Mbps)_1TX

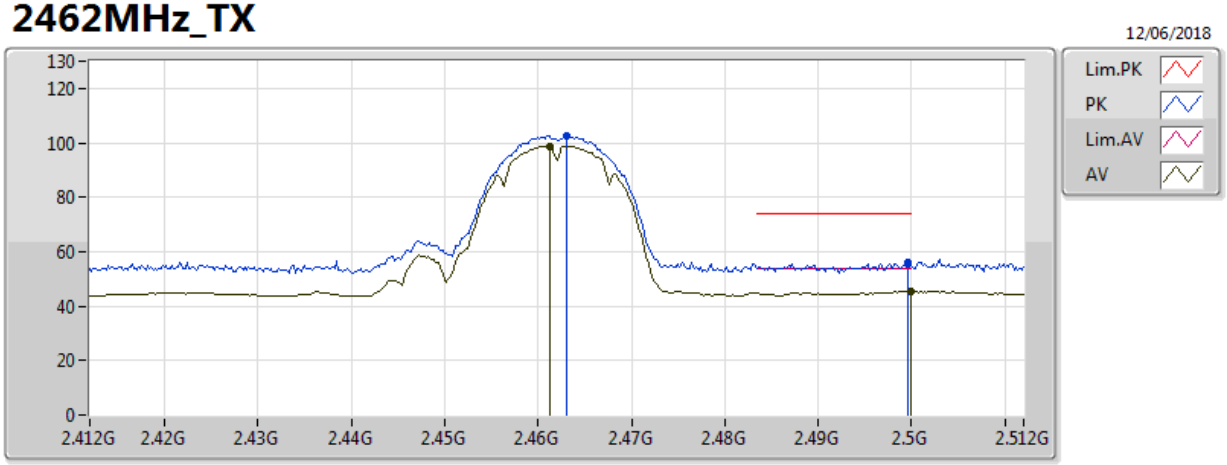
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4612G	98.87	Inf	-Inf	30.62	3	Vertical	270	1.33	-
AV	2.4988G	45.25	54.00	-8.75	30.75	3	Vertical	270	1.33	-
PK	2.463G	102.72	Inf	-Inf	30.62	3	Vertical	270	1.33	-
PK	2.4976G	55.95	74.00	-18.05	30.74	3	Vertical	270	1.33	-

802.11b_Nss1,(1Mbps)_1TX

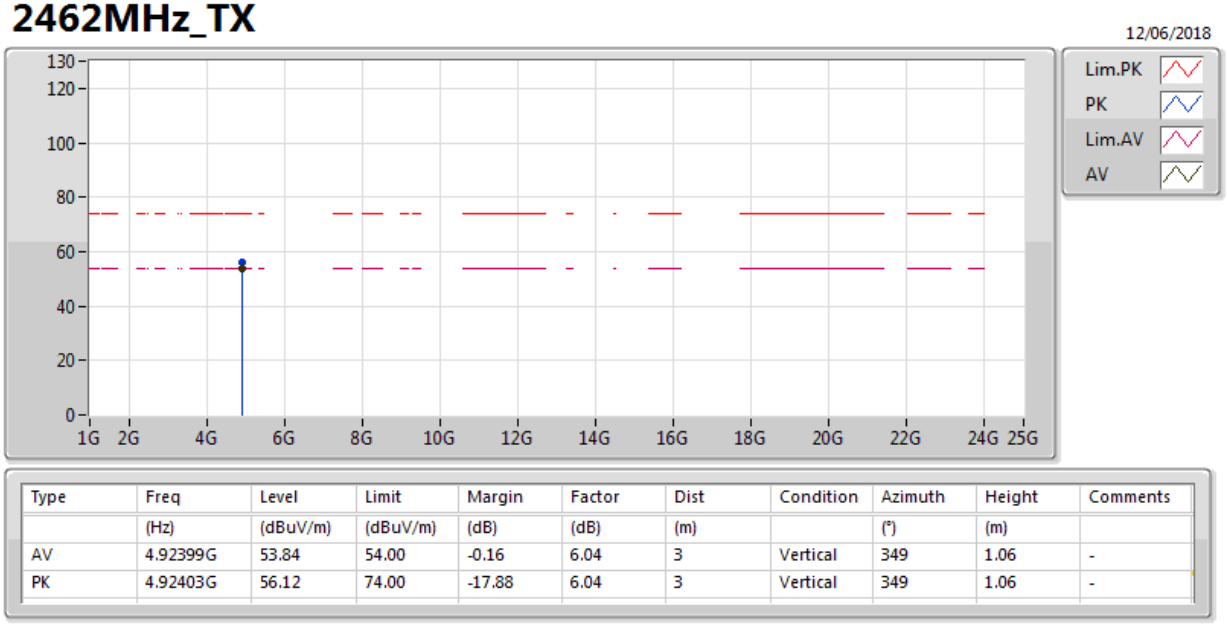
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4612G	98.68	Inf	-Inf	30.62	3	Horizontal	227	1.80	-
AV	2.499998G	45.29	54.00	-8.71	30.75	3	Horizontal	227	1.80	-
PK	2.463G	102.59	Inf	-Inf	30.62	3	Horizontal	227	1.80	-
PK	2.4996G	55.93	74.00	-18.07	30.75	3	Horizontal	227	1.80	-

802.11b_Nss1,(1Mbps)_1TX

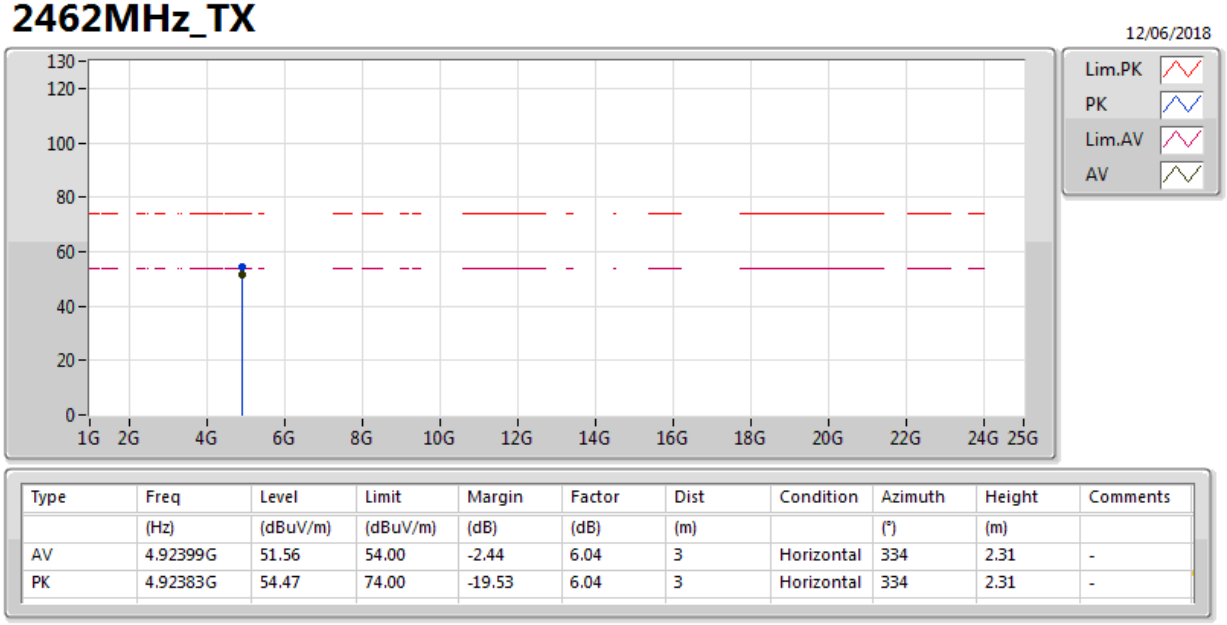
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.92399G	53.84	54.00	-0.16	6.04	3	Vertical	349	1.06	-
PK	4.92403G	56.12	74.00	-17.88	6.04	3	Vertical	349	1.06	-

802.11b_Nss1,(1Mbps)_1TX

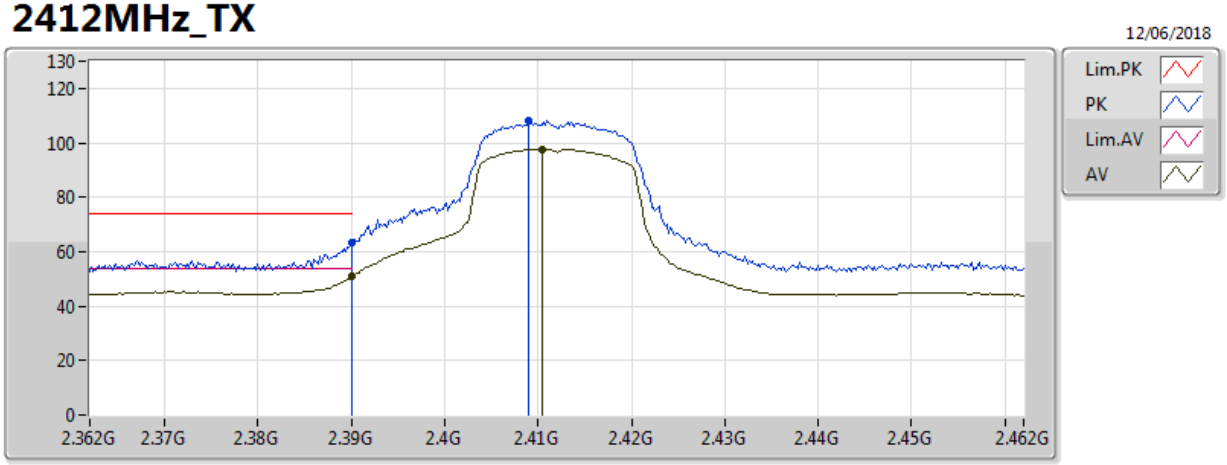
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.92399G	51.56	54.00	-2.44	6.04	3	Horizontal	334	2.31	-
PK	4.92383G	54.47	74.00	-19.53	6.04	3	Horizontal	334	2.31	-

802.11g_Nss1,(6Mbps)_1TX

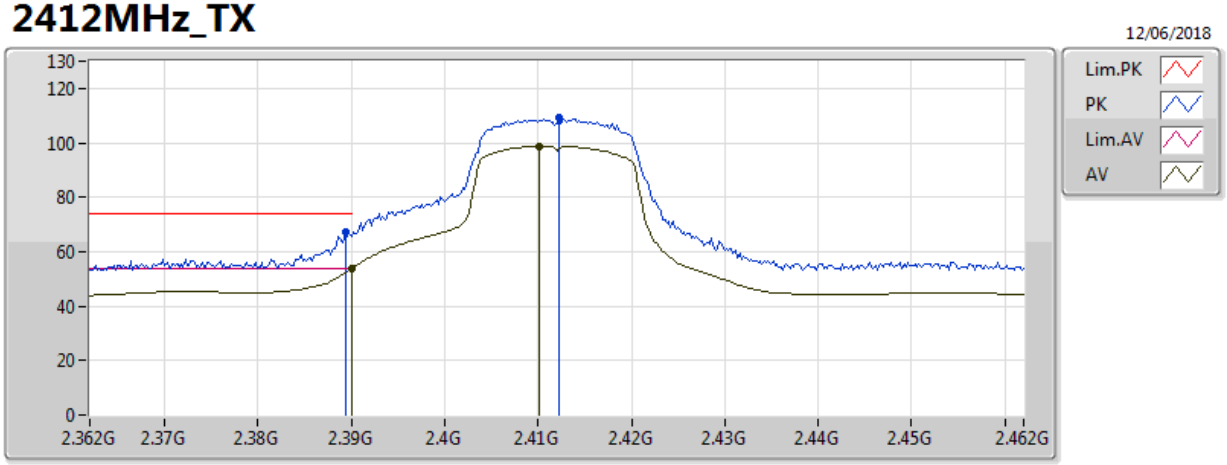
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	50.78	54.00	-3.22	30.38	3	Vertical	270	1.47	-
AV	2.4104G	97.78	Inf	-Inf	30.45	3	Vertical	270	1.47	-
PK	2.389998G	63.19	74.00	-10.81	30.38	3	Vertical	270	1.47	-
PK	2.409G	107.99	Inf	-Inf	30.44	3	Vertical	270	1.47	-

802.11g_Nss1,(6Mbps)_1TX

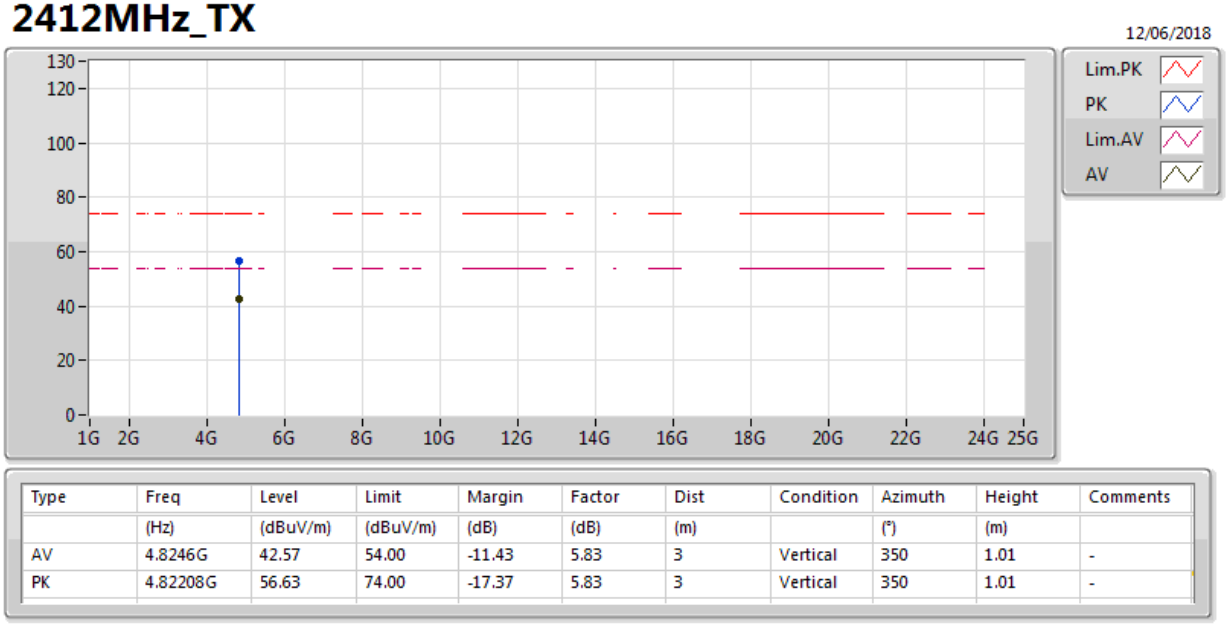
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	53.88	54.00	-0.12	30.38	3	Horizontal	327	3.19	-
AV	2.4102G	98.77	Inf	-Inf	30.44	3	Horizontal	327	3.19	-
PK	2.3894G	67.00	74.00	-7.00	30.37	3	Horizontal	327	3.19	-
PK	2.4122G	109.14	Inf	-Inf	30.45	3	Horizontal	327	3.19	-

802.11g_Nss1,(6Mbps)_1TX

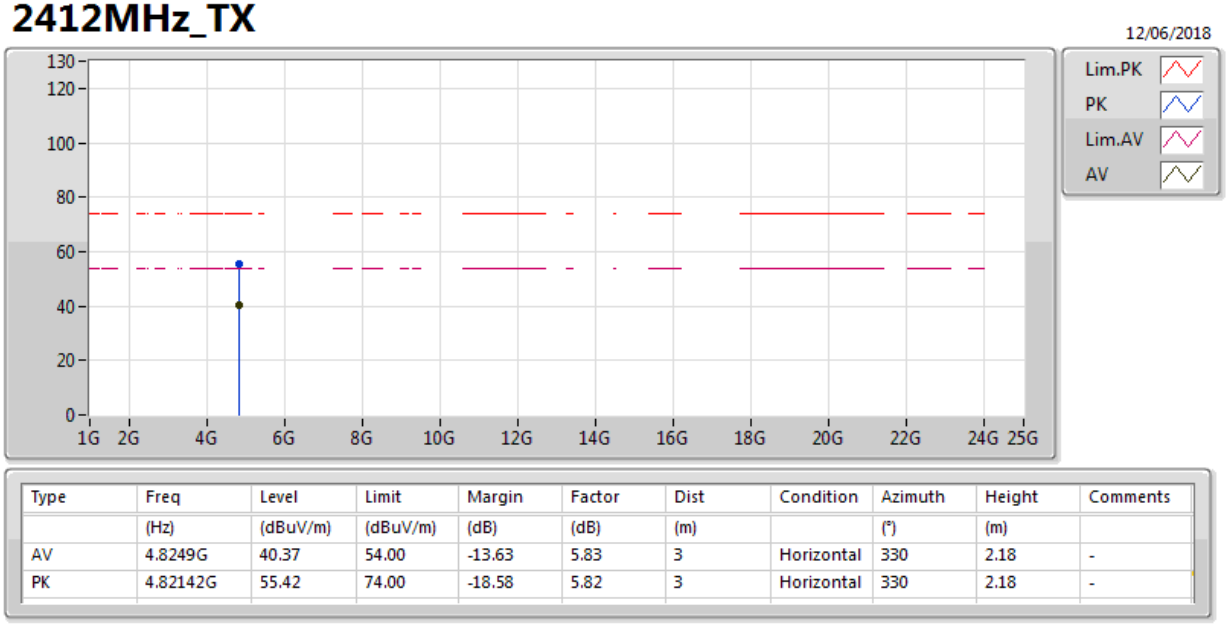
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.8246G	42.57	54.00	-11.43	5.83	3	Vertical	350	1.01	-
PK	4.82208G	56.63	74.00	-17.37	5.83	3	Vertical	350	1.01	-

802.11g_Nss1,(6Mbps)_1TX

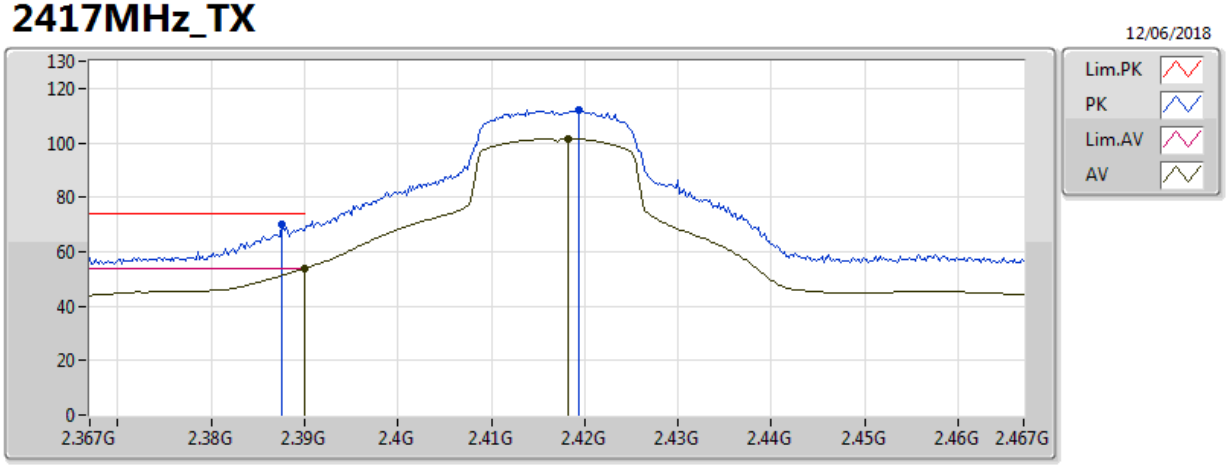
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.8249G	40.37	54.00	-13.63	5.83	3	Horizontal	330	2.18	-
PK	4.82142G	55.42	74.00	-18.58	5.82	3	Horizontal	330	2.18	-

802.11g_Nss1,(6Mbps)_1TX

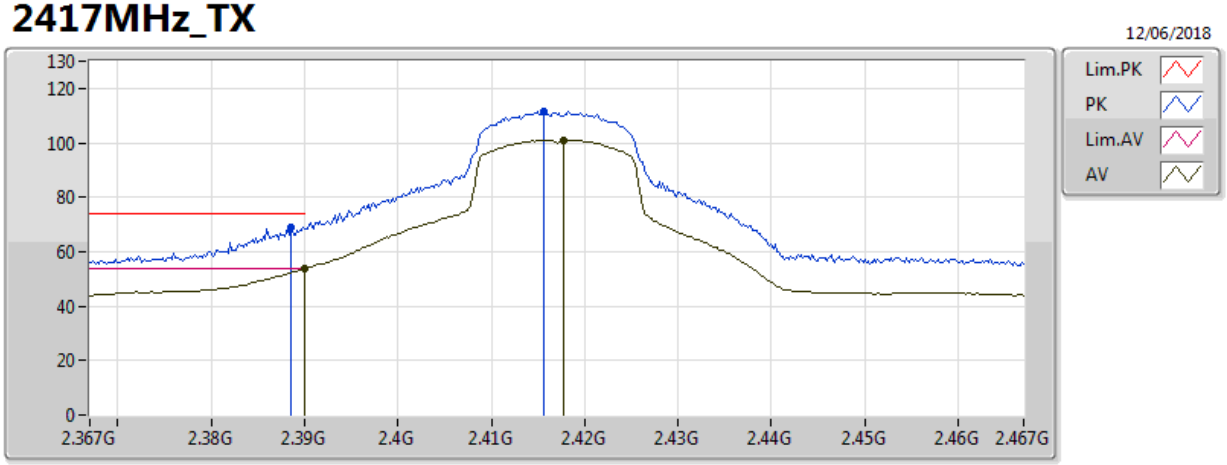
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	53.83	54.00	-0.17	30.77	3	Vertical	78	1.93	-
AV	2.4182G	101.56	Inf	-Inf	30.88	3	Vertical	78	1.93	-
PK	2.3876G	69.80	74.00	-4.20	30.77	3	Vertical	78	1.93	-
PK	2.4194G	111.87	Inf	-Inf	30.88	3	Vertical	78	1.93	-

802.11g_Nss1,(6Mbps)_1TX

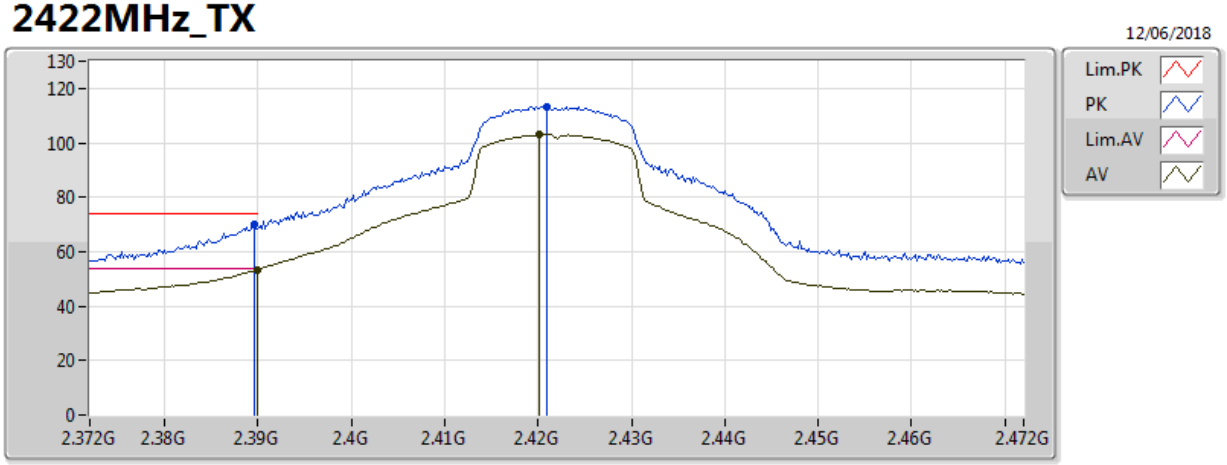
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	53.75	54.00	-0.25	30.77	3	Horizontal	120	1.32	-
AV	2.4178G	101.09	Inf	-Inf	30.87	3	Horizontal	120	1.32	-
PK	2.3886G	68.78	74.00	-5.22	30.77	3	Horizontal	120	1.32	-
PK	2.4156G	111.29	Inf	-Inf	30.87	3	Horizontal	120	1.32	-

802.11g_Nss1,(6Mbps)_1TX

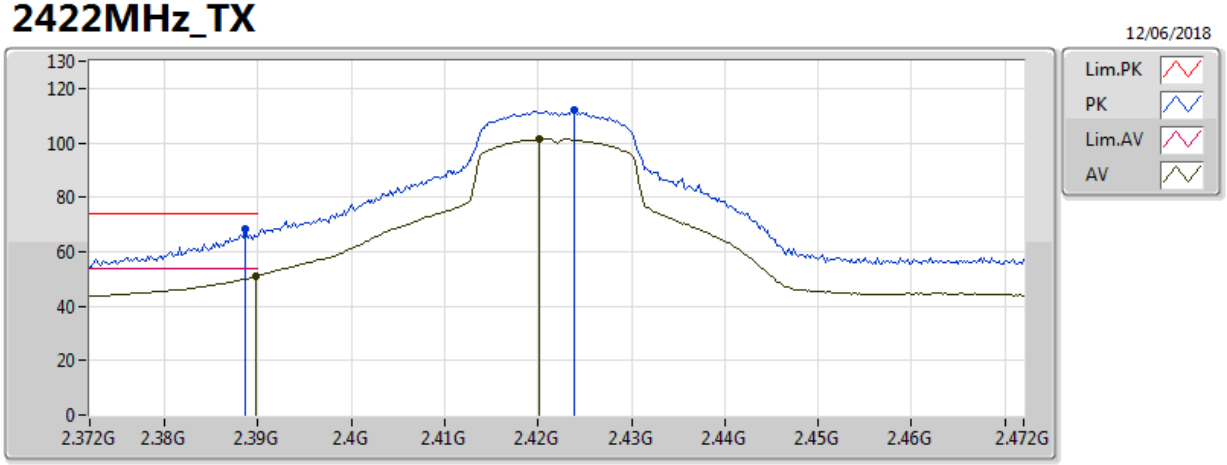
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	53.49	54.00	-0.51	30.77	3	Vertical	82	1.93	-
AV	2.4202G	103.22	Inf	-Inf	30.88	3	Vertical	82	1.93	-
PK	2.3896G	70.28	74.00	-3.72	30.77	3	Vertical	82	1.93	-
PK	2.421G	113.36	Inf	-Inf	30.89	3	Vertical	82	1.93	-

802.11g_Nss1,(6Mbps)_1TX

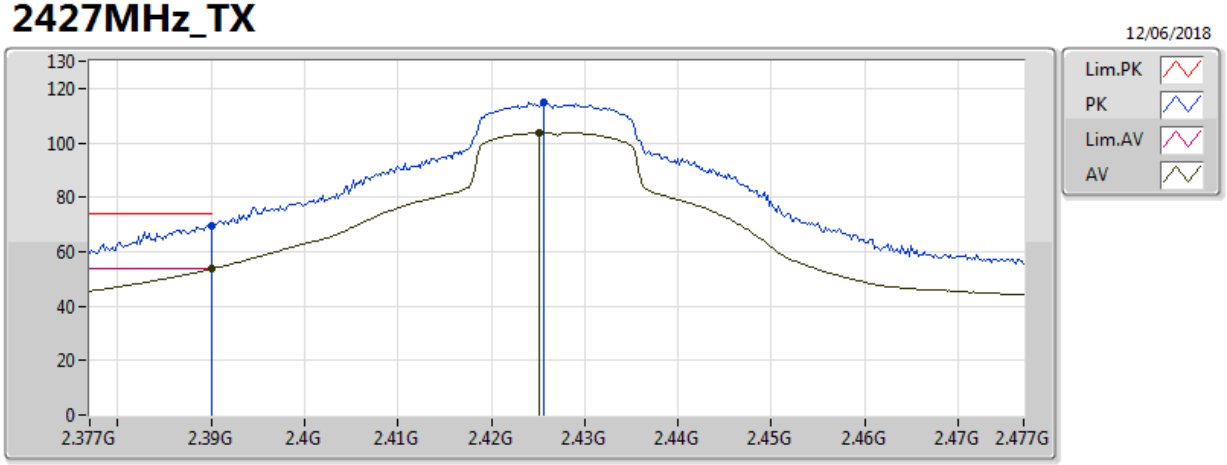
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	51.27	54.00	-2.73	30.77	3	Horizontal	123	2.00	-
AV	2.4202G	101.46	Inf	-Inf	30.88	3	Horizontal	123	2.00	-
PK	2.3886G	68.29	74.00	-5.71	30.77	3	Horizontal	123	2.00	-
PK	2.4238G	112.25	Inf	-Inf	30.90	3	Horizontal	123	2.00	-

802.11g_Nss1,(6Mbps)_1TX

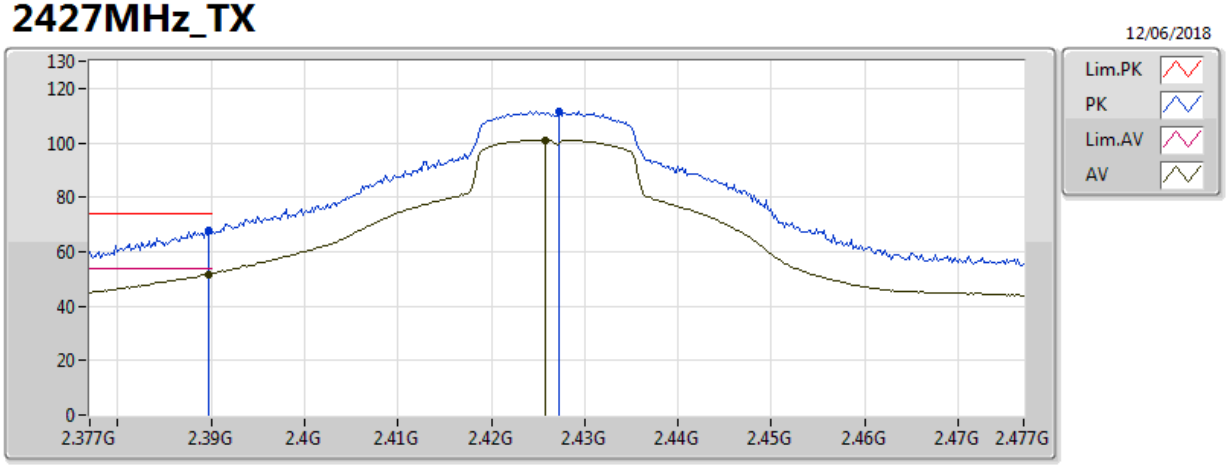
2427MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	53.56	54.00	-0.44	30.77	3	Vertical	84	1.91	-
AV	2.4252G	103.69	Inf	-Inf	30.90	3	Vertical	84	1.91	-
PK	2.389998G	69.69	74.00	-4.31	30.77	3	Vertical	84	1.91	-
PK	2.4256G	114.94	Inf	-Inf	30.90	3	Vertical	84	1.91	-

802.11g_Nss1,(6Mbps)_1TX

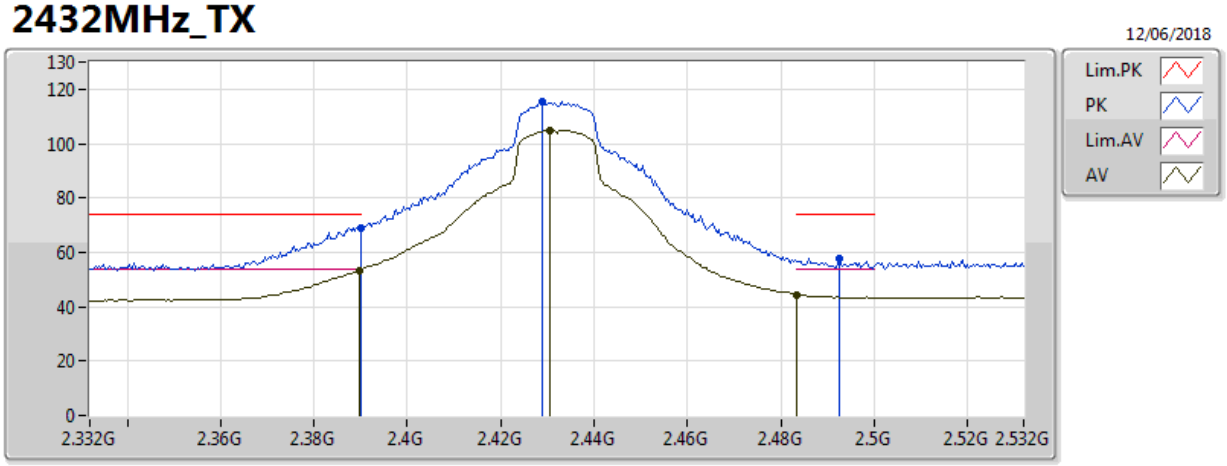
2427MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	51.81	54.00	-2.19	30.77	3	Horizontal	147	1.33	-
AV	2.4258G	101.12	Inf	-Inf	30.90	3	Horizontal	147	1.33	-
PK	2.3898G	67.72	74.00	-6.28	30.77	3	Horizontal	147	1.33	-
PK	2.4272G	111.65	Inf	-Inf	30.91	3	Horizontal	147	1.33	-

802.11g_Nss1,(6Mbps)_1TX

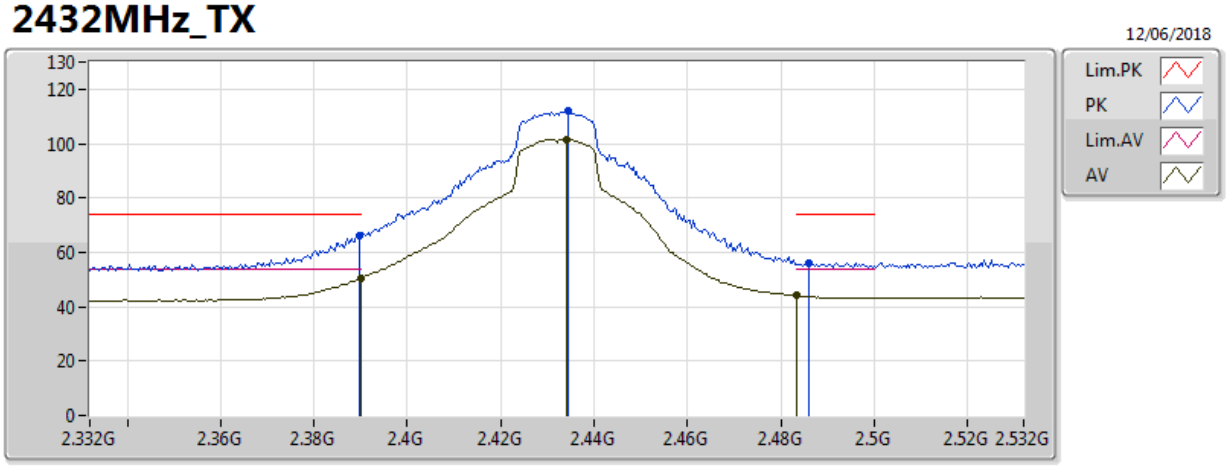
2432MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3896G	53.44	54.00	-0.56	30.77	3	Vertical	84	1.65	-
AV	2.4304G	105.03	Inf	-Inf	30.92	3	Vertical	84	1.65	-
AV	2.483502G	44.33	54.00	-9.67	31.11	3	Vertical	84	1.65	-
PK	2.389998G	69.14	74.00	-4.86	30.77	3	Vertical	84	1.65	-
PK	2.4288G	115.57	Inf	-Inf	30.91	3	Vertical	84	1.65	-
PK	2.4924G	57.74	74.00	-16.26	31.14	3	Vertical	84	1.65	-

802.11g_Nss1,(6Mbps)_1TX

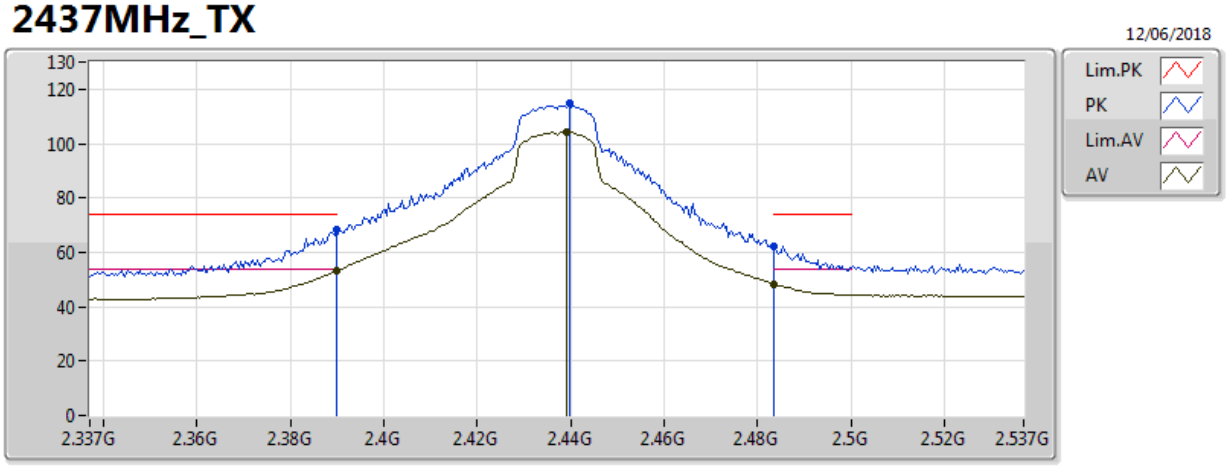
2432MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	50.36	54.00	-3.64	30.77	3	Horizontal	148	1.50	-
AV	2.434G	101.59	Inf	-Inf	30.93	3	Horizontal	148	1.50	-
AV	2.483502G	44.01	54.00	-9.99	31.11	3	Horizontal	148	1.50	-
PK	2.3896G	66.21	74.00	-7.79	30.77	3	Horizontal	148	1.50	-
PK	2.4344G	111.92	Inf	-Inf	30.93	3	Horizontal	148	1.50	-
PK	2.486G	56.29	74.00	-17.71	31.12	3	Horizontal	148	1.50	-

802.11g_Nss1,(6Mbps)_1TX

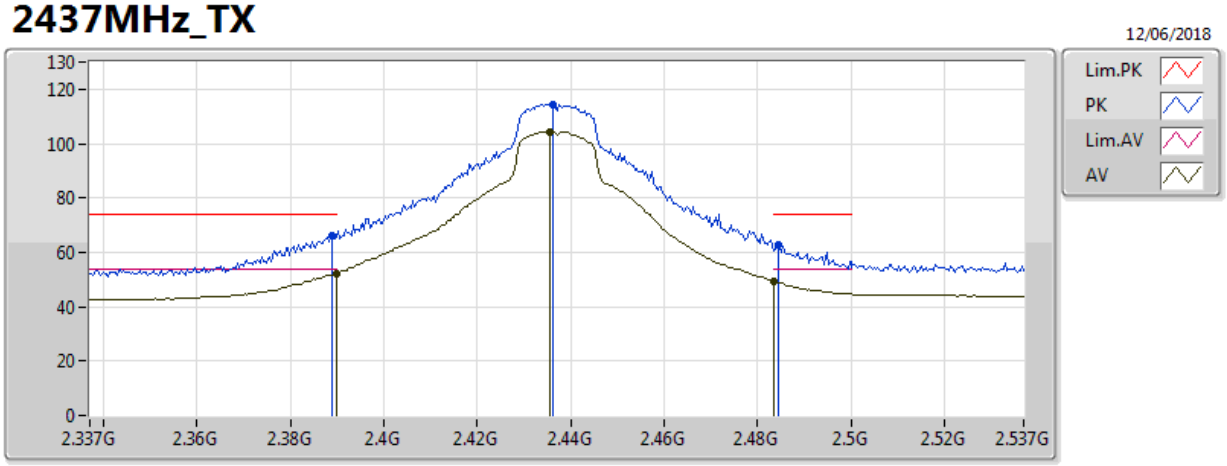
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	53.17	54.00	-0.83	30.38	3	Vertical	269	1.57	-
AV	2.439G	104.37	Inf	-Inf	30.54	3	Vertical	269	1.57	-
AV	2.483502G	48.45	54.00	-5.55	30.69	3	Vertical	269	1.57	-
PK	2.3898G	68.51	74.00	-5.49	30.38	3	Vertical	269	1.57	-
PK	2.4398G	115.06	Inf	-Inf	30.55	3	Vertical	269	1.57	-
PK	2.483502G	62.25	74.00	-11.75	30.69	3	Vertical	269	1.57	-

802.11g_Nss1,(6Mbps)_1TX

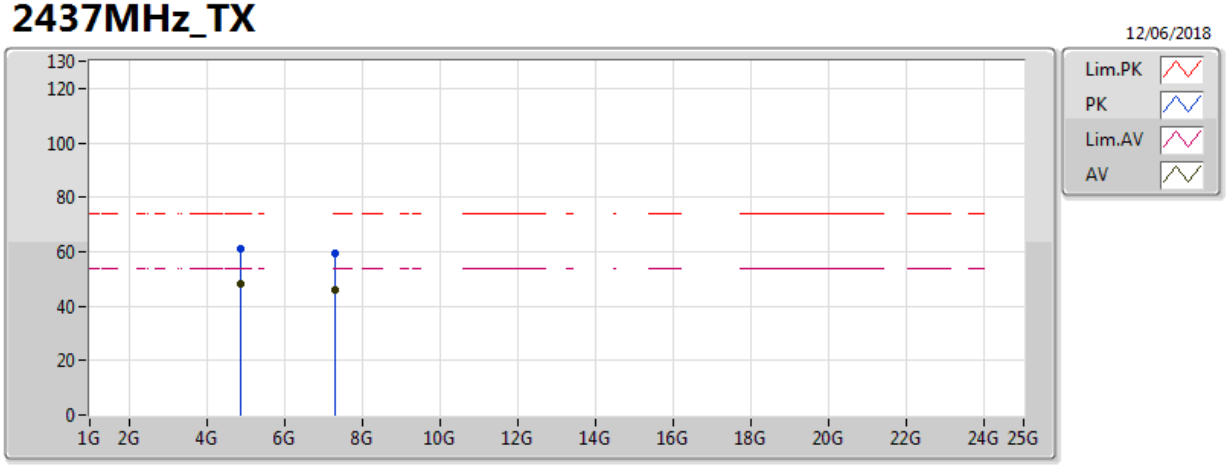
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	52.09	54.00	-1.91	30.38	3	Horizontal	222	2.50	-
AV	2.4354G	104.43	Inf	-Inf	30.53	3	Horizontal	222	2.50	-
AV	2.483502G	49.40	54.00	-4.60	30.69	3	Horizontal	222	2.50	-
PK	2.389G	66.15	74.00	-7.85	30.37	3	Horizontal	222	2.50	-
PK	2.4362G	114.49	Inf	-Inf	30.53	3	Horizontal	222	2.50	-
PK	2.4846G	62.81	74.00	-11.19	30.69	3	Horizontal	222	2.50	-

802.11g_Nss1,(6Mbps)_1TX

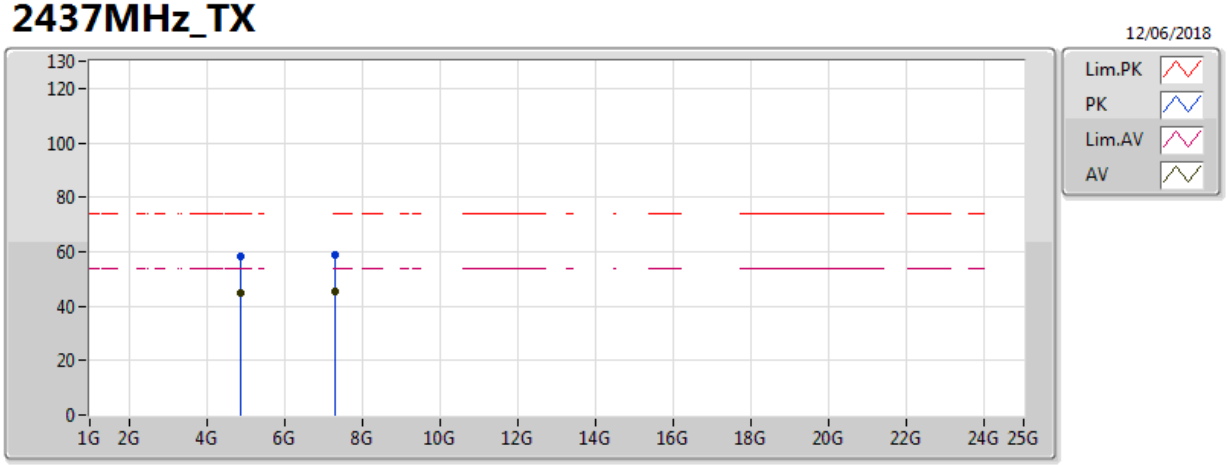
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87472G	48.10	54.00	-5.90	5.94	3	Vertical	348	1.03	-
AV	7.3128G	45.99	54.00	-8.01	11.13	3	Vertical	200	1.47	-
PK	4.87496G	61.16	74.00	-12.84	5.94	3	Vertical	348	1.03	-
PK	7.30926G	59.67	74.00	-14.33	11.12	3	Vertical	200	1.47	-

802.11g_Nss1,(6Mbps)_1TX

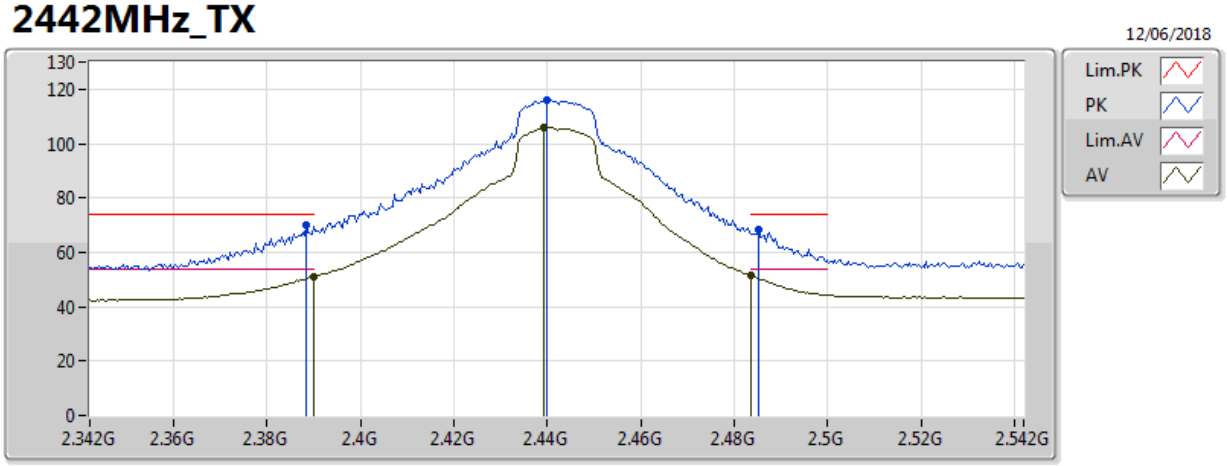
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87472G	44.86	54.00	-9.14	5.94	3	Horizontal	346	1.48	-
AV	7.3116G	45.43	54.00	-8.57	11.12	3	Horizontal	351	1.30	-
PK	4.87676G	58.23	74.00	-15.77	5.94	3	Horizontal	346	1.48	-
PK	7.31418G	58.59	74.00	-15.41	11.13	3	Horizontal	351	1.30	-

802.11g_Nss1,(6Mbps)_1TX

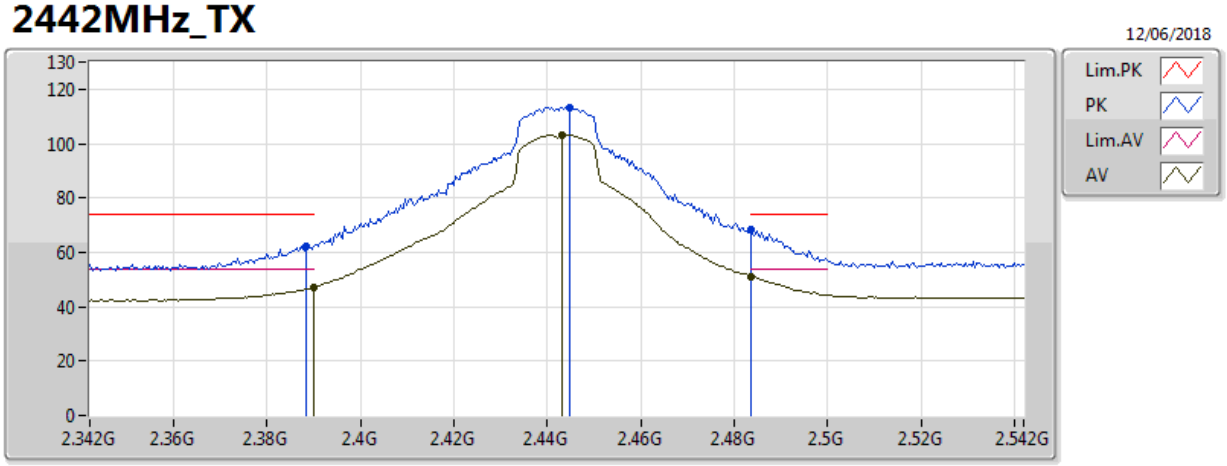
2442MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	51.13	54.00	-2.87	30.77	3	Vertical	90	1.68	-
AV	2.4392G	105.87	Inf	-Inf	30.95	3	Vertical	90	1.68	-
AV	2.483502G	51.42	54.00	-2.58	31.11	3	Vertical	90	1.68	-
PK	2.3884G	69.77	74.00	-4.23	30.77	3	Vertical	90	1.68	-
PK	2.44G	115.82	Inf	-Inf	30.95	3	Vertical	90	1.68	-
PK	2.4852G	68.24	74.00	-5.76	31.12	3	Vertical	90	1.68	-

802.11g_Nss1,(6Mbps)_1TX

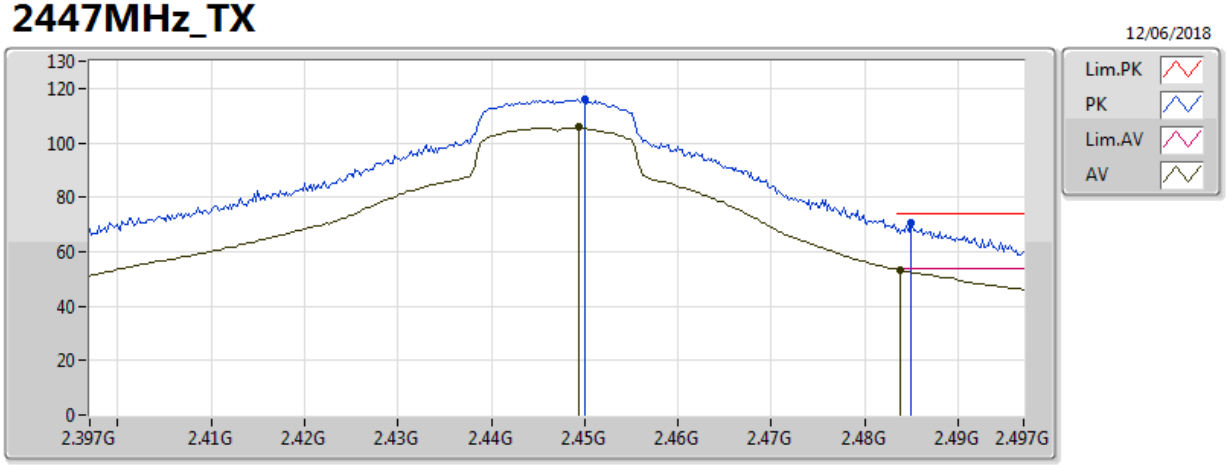
2442MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	47.06	54.00	-6.94	30.77	3	Horizontal	127	1.50	-
AV	2.4432G	103.22	Inf	-Inf	30.97	3	Horizontal	127	1.50	-
AV	2.483502G	51.10	54.00	-2.90	31.11	3	Horizontal	127	1.50	-
PK	2.3884G	62.47	74.00	-11.53	30.77	3	Horizontal	127	1.50	-
PK	2.4448G	113.27	Inf	-Inf	30.97	3	Horizontal	127	1.50	-
PK	2.483502G	68.10	74.00	-5.90	31.11	3	Horizontal	127	1.50	-

802.11g_Nss1,(6Mbps)_1TX

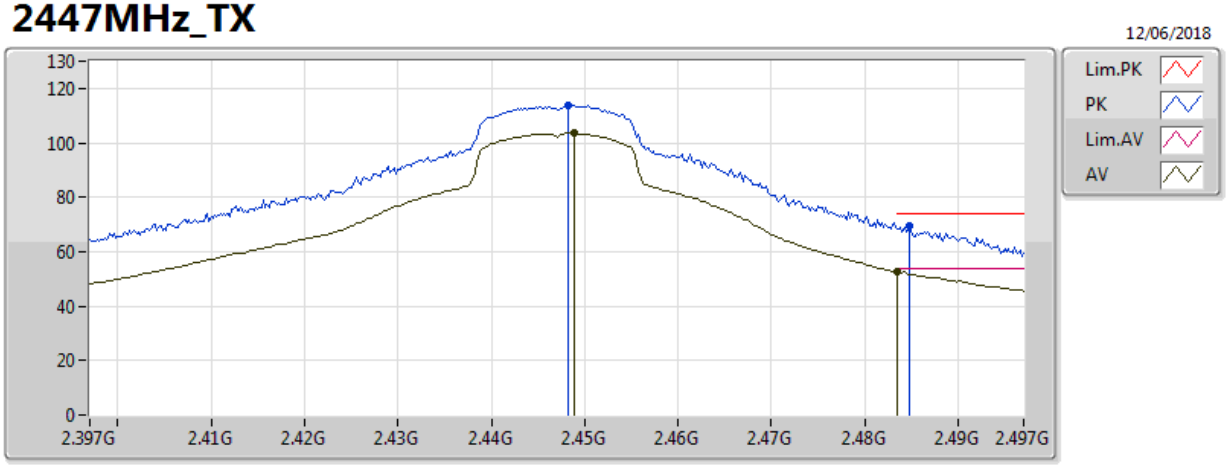
2447MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4494G	105.64	Inf	-Inf	30.99	3	Vertical	86	1.89	-
AV	2.4838G	53.46	54.00	-0.54	31.11	3	Vertical	86	1.89	-
PK	2.45G	115.89	Inf	-Inf	30.99	3	Vertical	86	1.89	-
PK	2.485G	70.48	74.00	-3.52	31.12	3	Vertical	86	1.89	-

802.11g_Nss1,(6Mbps)_1TX

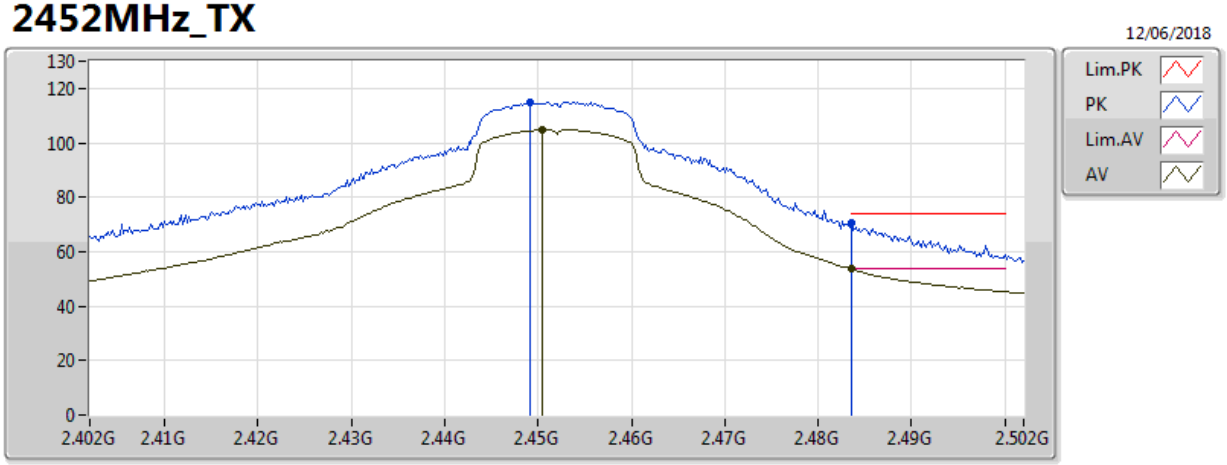
2447MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4488G	103.51	Inf	-Inf	30.99	3	Horizontal	125	1.50	-
AV	2.483502G	52.58	54.00	-1.42	31.11	3	Horizontal	125	1.50	-
PK	2.4482G	113.84	Inf	-Inf	30.98	3	Horizontal	125	1.50	-
PK	2.4848G	69.59	74.00	-4.41	31.12	3	Horizontal	125	1.50	-

802.11g_Nss1,(6Mbps)_1TX

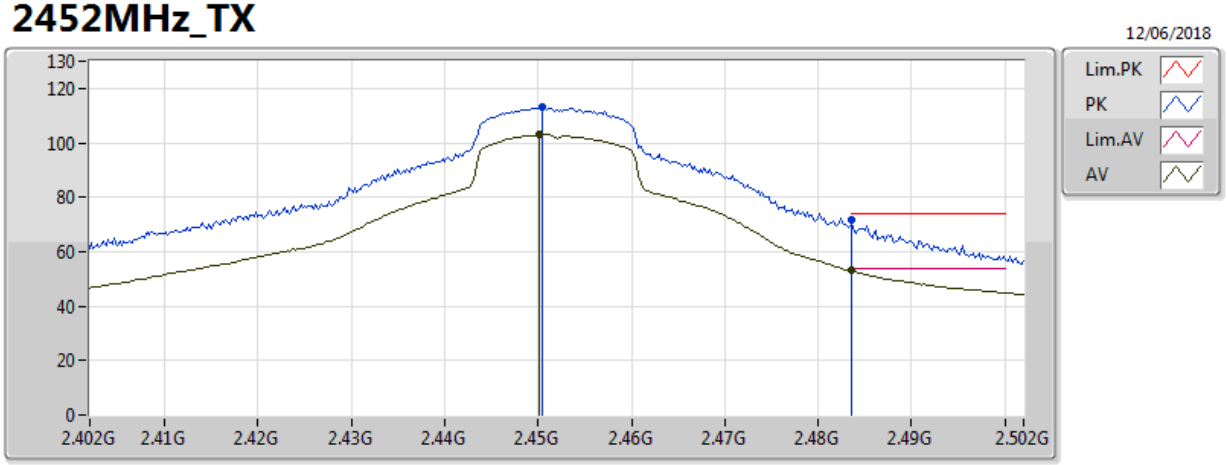
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4504G	104.86	Inf	-Inf	30.99	3	Vertical	86	1.90	-
AV	2.483502G	53.76	54.00	-0.24	31.11	3	Vertical	86	1.90	-
PK	2.4492G	115.13	Inf	-Inf	30.99	3	Vertical	86	1.90	-
PK	2.4836G	70.87	74.00	-3.13	31.11	3	Vertical	86	1.90	-

802.11g_Nss1,(6Mbps)_1TX

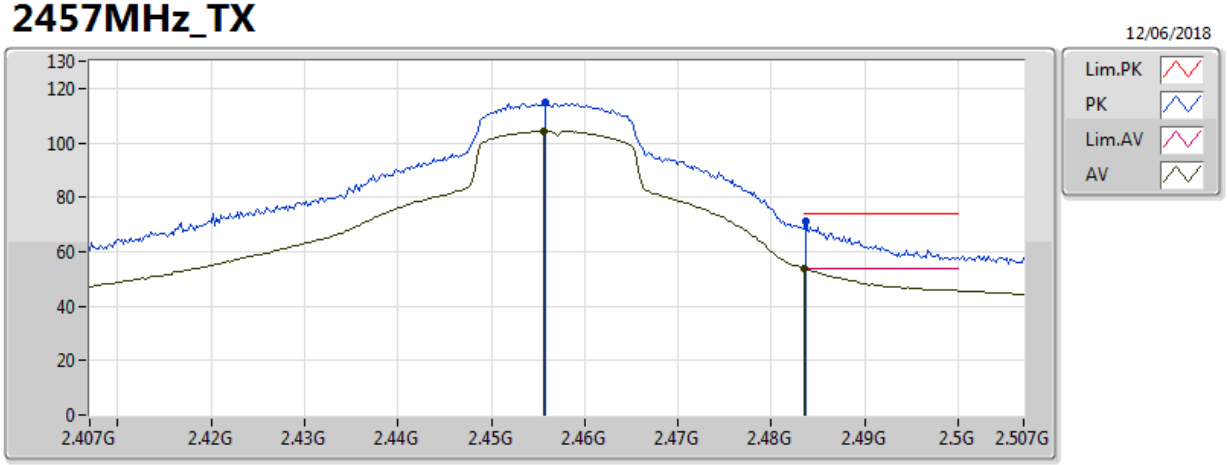
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4502G	103.05	Inf	-Inf	30.99	3	Horizontal	125	1.49	-
AV	2.483502G	53.01	54.00	-0.99	31.11	3	Horizontal	125	1.49	-
PK	2.4504G	113.08	Inf	-Inf	30.99	3	Horizontal	125	1.49	-
PK	2.4836G	71.90	74.00	-2.10	31.11	3	Horizontal	125	1.49	-

802.11g_Nss1,(6Mbps)_1TX

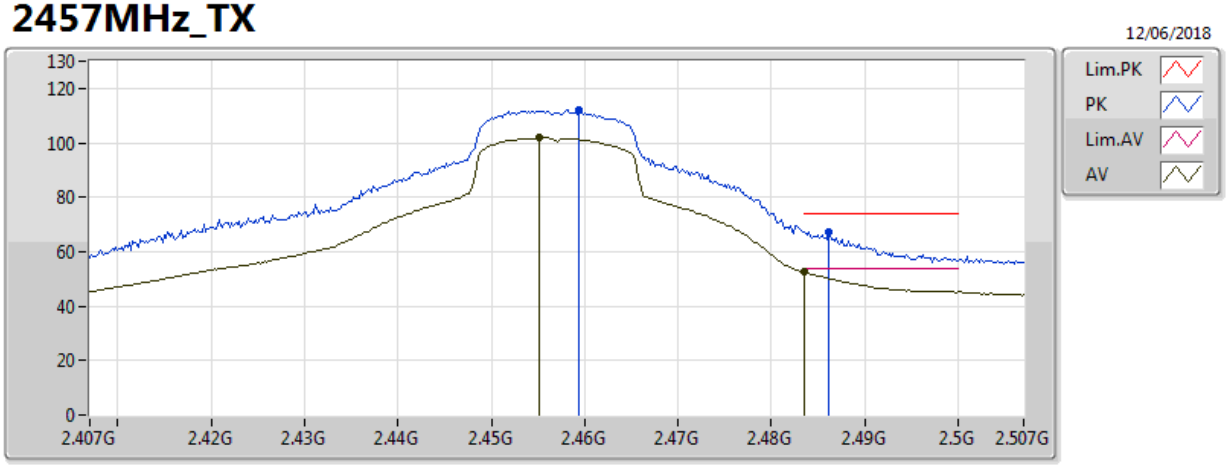
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4556G	104.21	Inf	-Inf	31.01	3	Vertical	87	1.90	-
AV	2.483502G	53.81	54.00	-0.19	31.11	3	Vertical	87	1.90	-
PK	2.4558G	114.92	Inf	-Inf	31.01	3	Vertical	87	1.90	-
PK	2.4836G	71.17	74.00	-2.83	31.11	3	Vertical	87	1.90	-

802.11g_Nss1,(6Mbps)_1TX

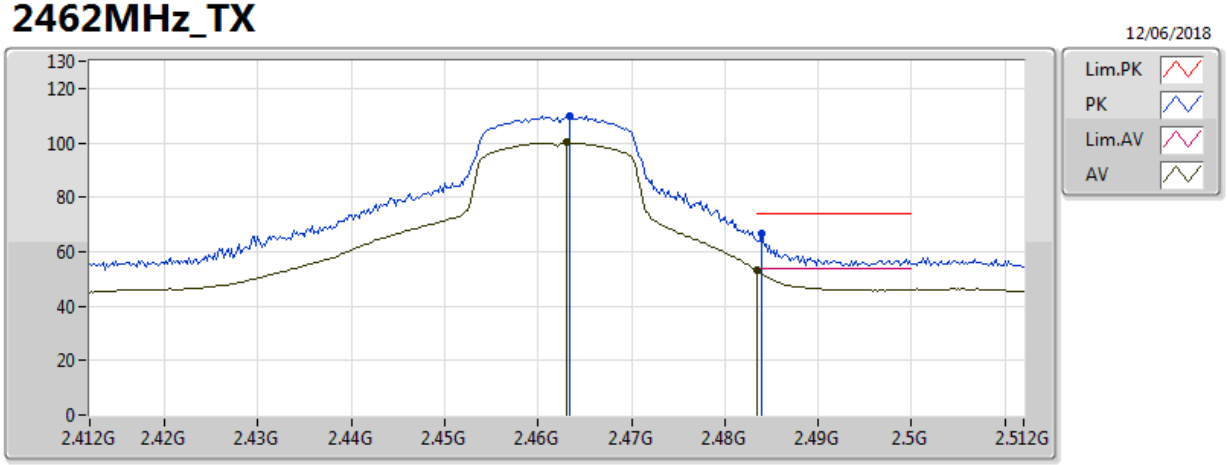
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4552G	101.82	Inf	-Inf	31.01	3	Horizontal	124	1.32	-
AV	2.483502G	52.56	54.00	-1.44	31.11	3	Horizontal	124	1.32	-
PK	2.4594G	111.88	Inf	-Inf	31.02	3	Horizontal	124	1.32	-
PK	2.4862G	67.46	74.00	-6.54	31.12	3	Horizontal	124	1.32	-

802.11g_Nss1,(6Mbps)_1TX

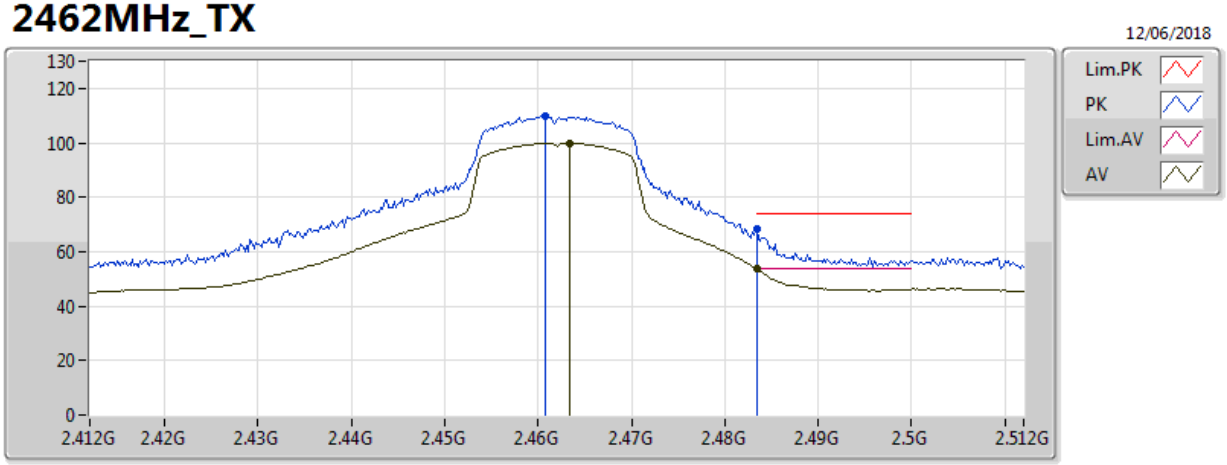
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.463G	100.07	Inf	-Inf	30.62	3	Vertical	267	1.32	-
AV	2.483502G	53.00	54.00	-1.00	30.69	3	Vertical	267	1.32	-
PK	2.4634G	110.08	Inf	-Inf	30.63	3	Vertical	267	1.32	-
PK	2.484G	66.58	74.00	-7.42	30.69	3	Vertical	267	1.32	-

802.11g_Nss1,(6Mbps)_1TX

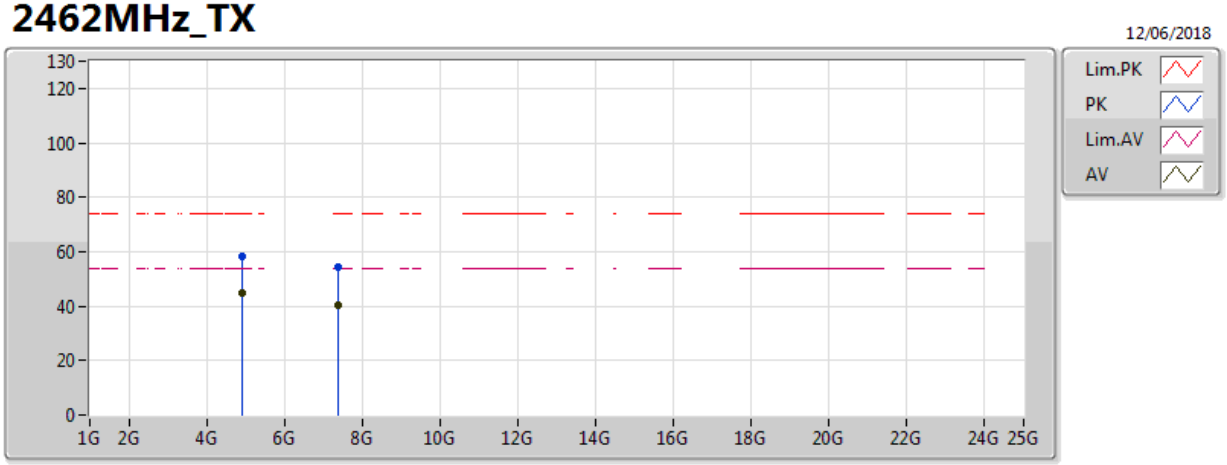
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4634G	99.94	Inf	-Inf	30.63	3	Horizontal	225	1.79	-
AV	2.483502G	53.71	54.00	-0.29	30.69	3	Horizontal	225	1.79	-
PK	2.4608G	109.80	Inf	-Inf	30.62	3	Horizontal	225	1.79	-
PK	2.483502G	68.34	74.00	-5.66	30.69	3	Horizontal	225	1.79	-

802.11g_Nss1,(6Mbps)_1TX

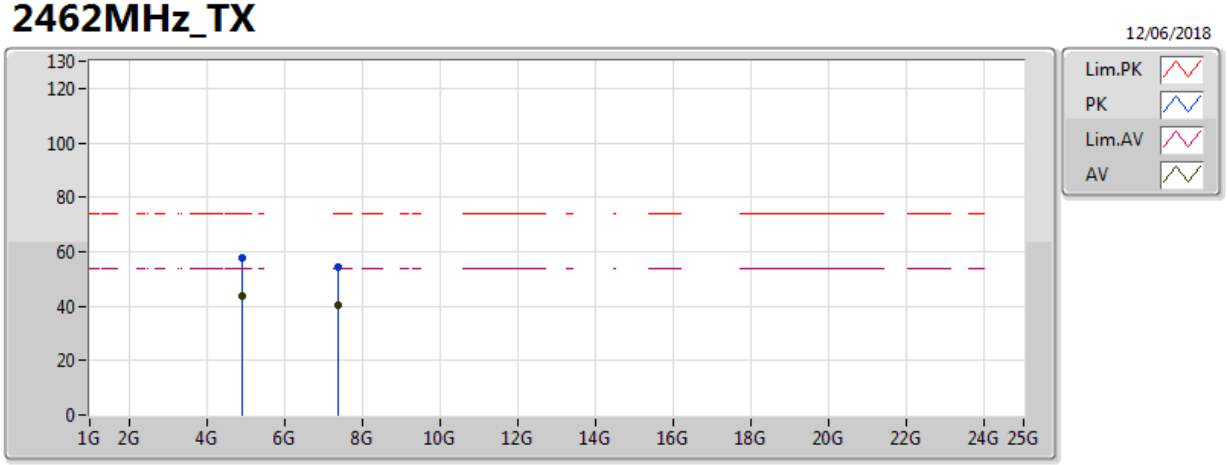
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.92348G	44.93	54.00	-9.07	6.04	3	Vertical	348	1.05	-
AV	7.38416G	40.17	54.00	-13.83	11.33	3	Vertical	201	1.47	-
PK	4.92164G	58.54	74.00	-15.46	6.04	3	Vertical	348	1.05	-
PK	7.38372G	54.59	74.00	-19.41	11.32	3	Vertical	201	1.47	-

802.11g_Nss1,(6Mbps)_1TX

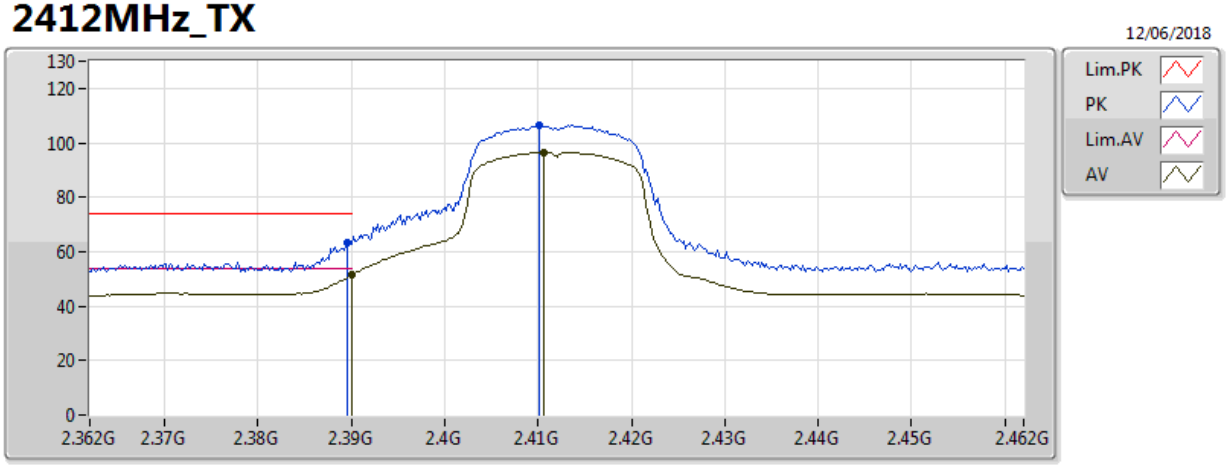
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.92488G	43.83	54.00	-10.17	6.04	3	Horizontal	333	1.93	-
AV	7.38612G	40.26	54.00	-13.74	11.33	3	Horizontal	151	1.50	-
PK	4.92452G	57.78	74.00	-16.22	6.04	3	Horizontal	333	1.93	-
PK	7.38228G	54.62	74.00	-19.38	11.32	3	Horizontal	151	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

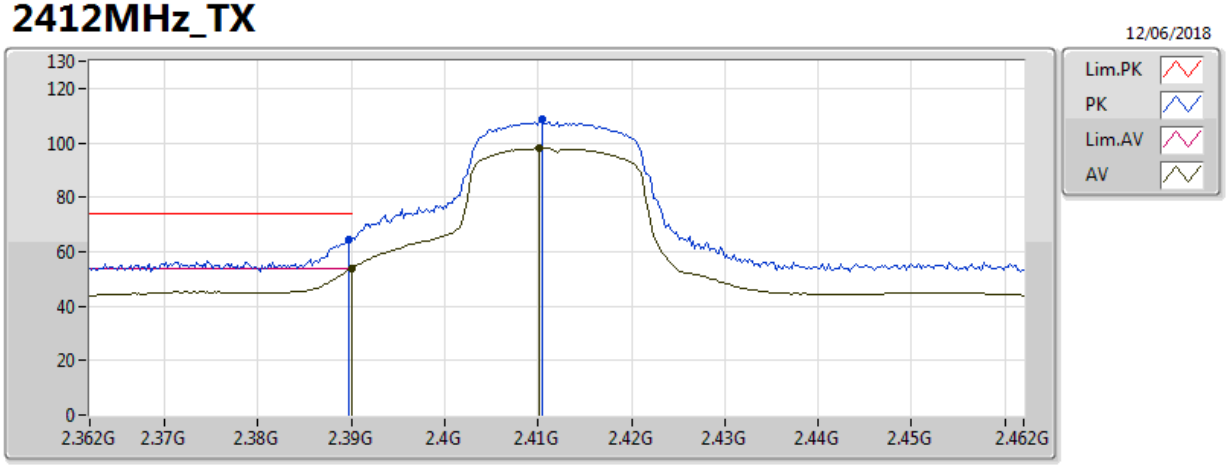
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	51.35	54.00	-2.65	30.38	3	Vertical	268	1.79	-
AV	2.4106G	96.48	Inf	-Inf	30.45	3	Vertical	268	1.79	-
PK	2.3896G	63.05	74.00	-10.95	30.38	3	Vertical	268	1.79	-
PK	2.4102G	106.45	Inf	-Inf	30.44	3	Vertical	268	1.79	-

802.11n HT20_Nss1,(MCS0)_1TX

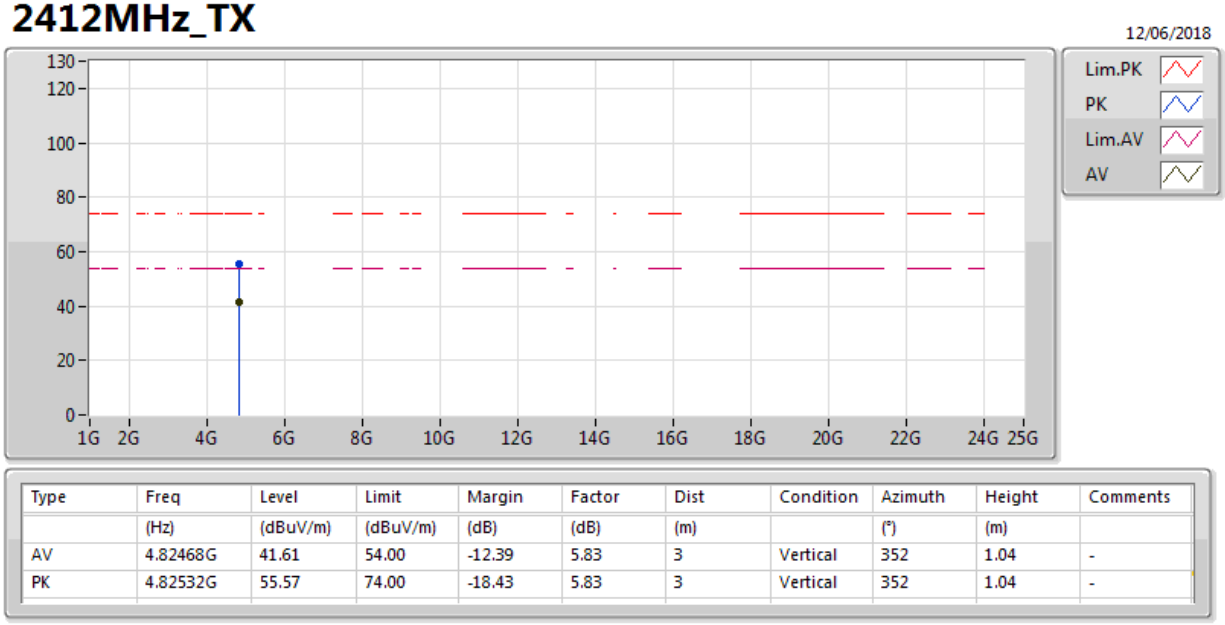
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	53.69	54.00	-0.31	30.38	3	Horizontal	325	3.19	-
AV	2.4102G	98.02	Inf	-Inf	30.44	3	Horizontal	325	3.19	-
PK	2.3898G	64.40	74.00	-9.60	30.38	3	Horizontal	325	3.19	-
PK	2.4104G	108.85	Inf	-Inf	30.45	3	Horizontal	325	3.19	-

802.11n HT20_Nss1,(MCS0)_1TX

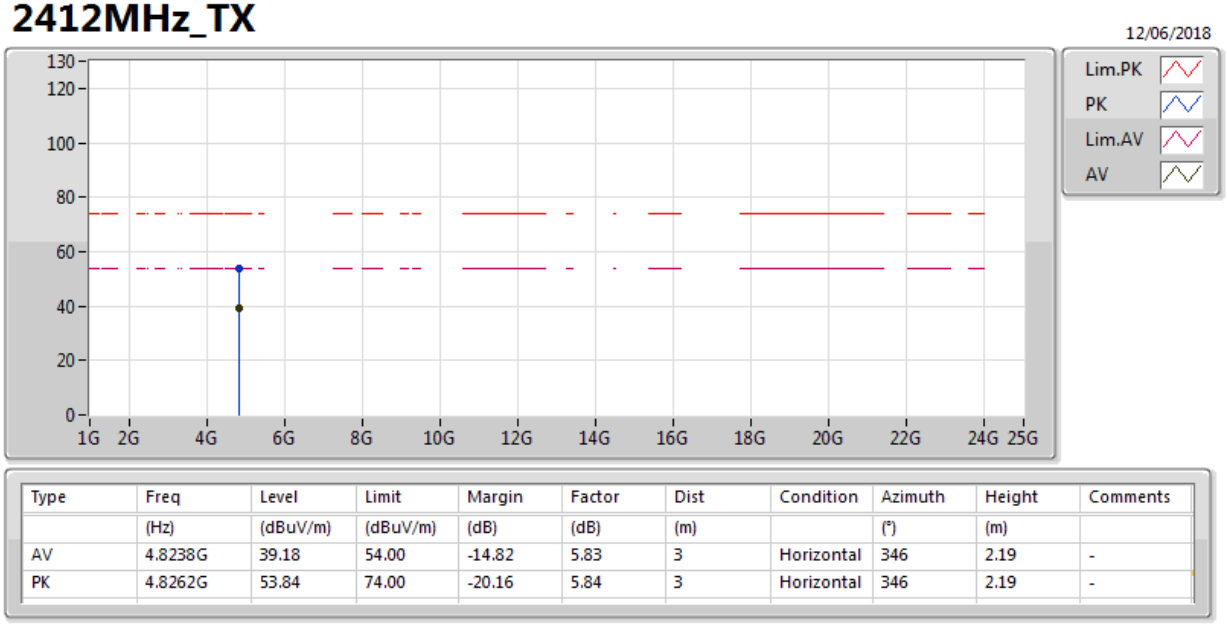
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82468G	41.61	54.00	-12.39	5.83	3	Vertical	352	1.04	-
PK	4.82532G	55.57	74.00	-18.43	5.83	3	Vertical	352	1.04	-

802.11n HT20_Nss1,(MCS0)_1TX

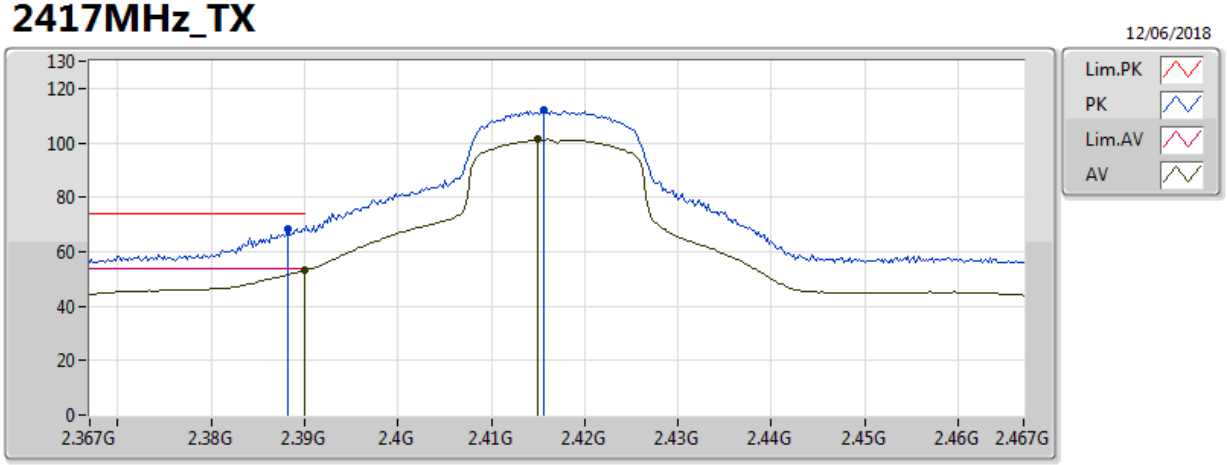
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.8238G	39.18	54.00	-14.82	5.83	3	Horizontal	346	2.19	-
PK	4.8262G	53.84	74.00	-20.16	5.84	3	Horizontal	346	2.19	-

802.11n HT20_Nss1,(MCS0)_1TX

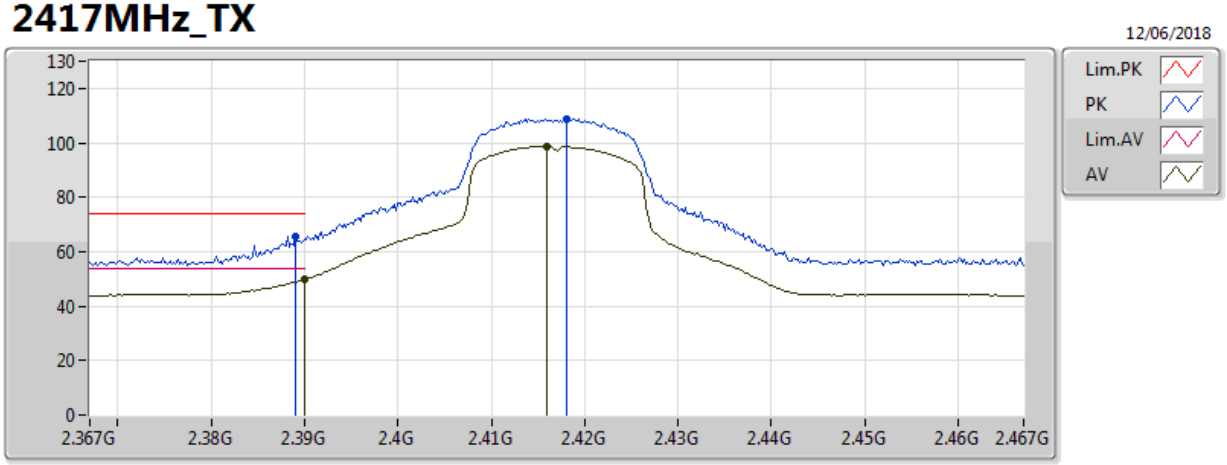
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	53.10	54.00	-0.90	30.77	3	Vertical	90	1.70	-
AV	2.415G	101.26	Inf	-Inf	30.86	3	Vertical	90	1.70	-
PK	2.3882G	68.23	74.00	-5.77	30.77	3	Vertical	90	1.70	-
PK	2.4156G	111.87	Inf	-Inf	30.87	3	Vertical	90	1.70	-

802.11n HT20_Nss1,(MCS0)_1TX

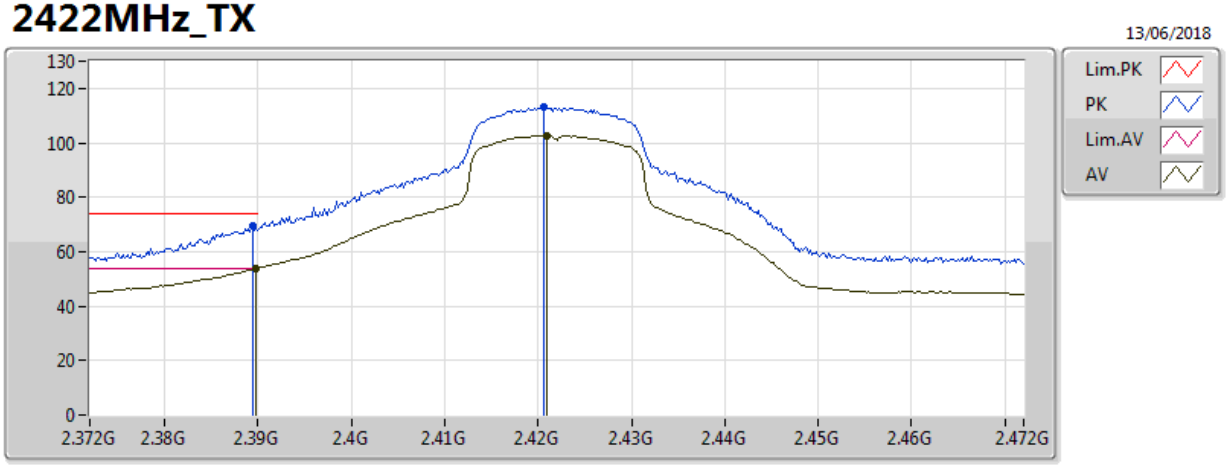
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	49.87	54.00	-4.13	30.77	3	Horizontal	124	1.31	-
AV	2.416G	98.67	Inf	-Inf	30.87	3	Horizontal	124	1.31	-
PK	2.389G	65.40	74.00	-8.60	30.77	3	Horizontal	124	1.31	-
PK	2.418G	108.92	Inf	-Inf	30.87	3	Horizontal	124	1.31	-

802.11n HT20_Nss1,(MCS0)_1TX

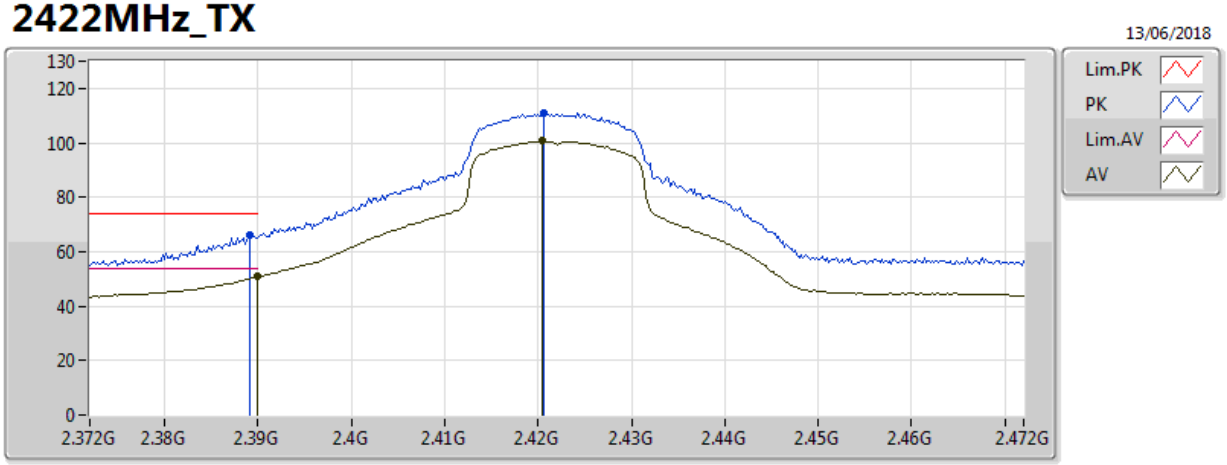
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	53.82	54.00	-0.18	30.77	3	Vertical	87	1.68	-
AV	2.421G	102.70	Inf	-Inf	30.89	3	Vertical	87	1.68	-
PK	2.3894G	69.76	74.00	-4.24	30.77	3	Vertical	87	1.68	-
PK	2.4206G	112.92	Inf	-Inf	30.88	3	Vertical	87	1.68	-

802.11n HT20_Nss1,(MCS0)_1TX

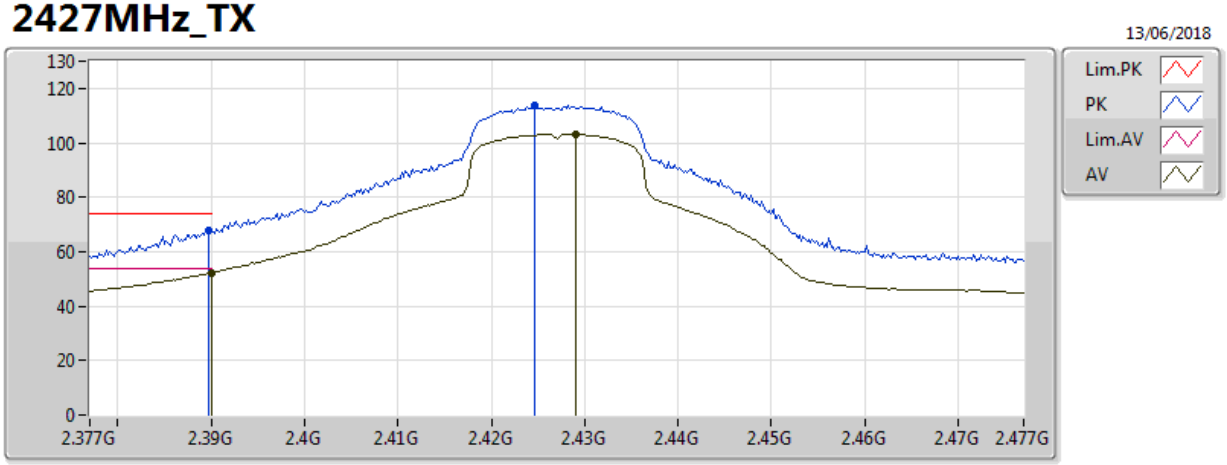
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	50.87	54.00	-3.13	30.77	3	Horizontal	127	1.99	-
AV	2.4204G	100.66	Inf	-Inf	30.88	3	Horizontal	127	1.99	-
PK	2.3892G	65.85	74.00	-8.15	30.77	3	Horizontal	127	1.99	-
PK	2.4206G	111.10	Inf	-Inf	30.88	3	Horizontal	127	1.99	-

802.11n HT20_Nss1,(MCS0)_1TX

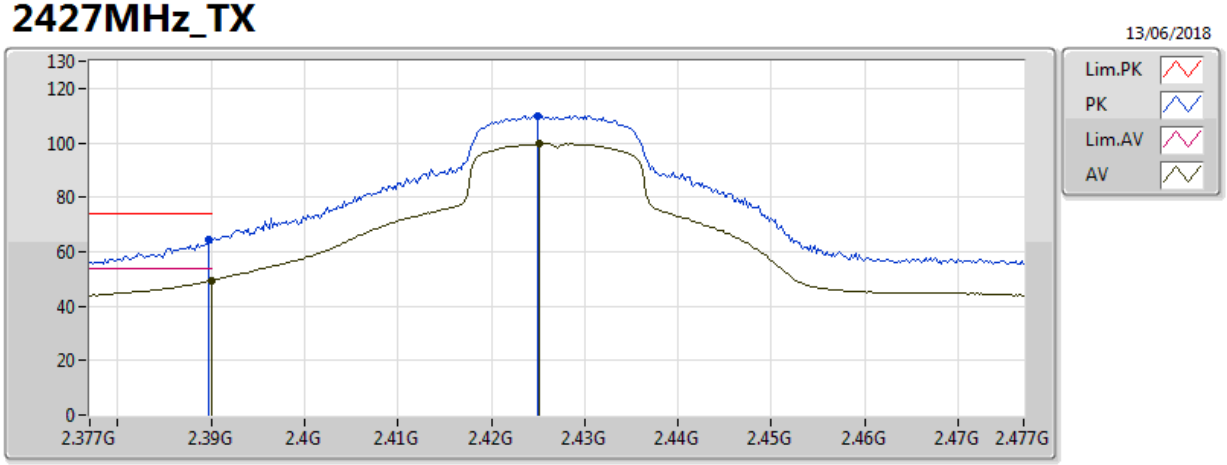
2427MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	52.19	54.00	-1.81	30.77	3	Vertical	94	1.66	-
AV	2.429G	103.18	Inf	-Inf	30.91	3	Vertical	94	1.66	-
PK	2.3898G	67.91	74.00	-6.09	30.77	3	Vertical	94	1.66	-
PK	2.4246G	113.72	Inf	-Inf	30.90	3	Vertical	94	1.66	-

802.11n HT20_Nss1,(MCS0)_1TX

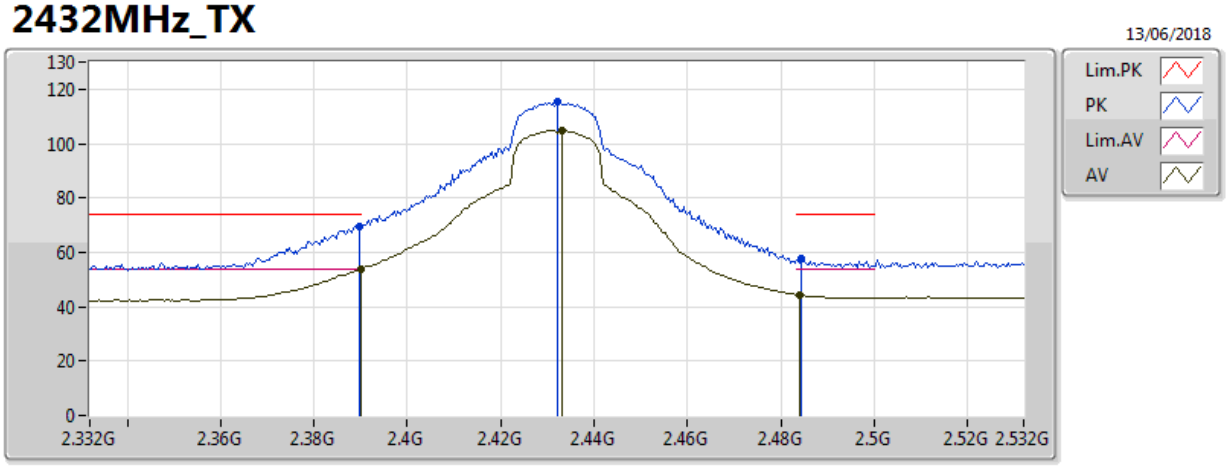
2427MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	49.39	54.00	-4.61	30.77	3	Horizontal	152	1.31	-
AV	2.4252G	99.57	Inf	-Inf	30.90	3	Horizontal	152	1.31	-
PK	2.3898G	64.62	74.00	-9.38	30.77	3	Horizontal	152	1.31	-
PK	2.425G	110.03	Inf	-Inf	30.90	3	Horizontal	152	1.31	-

802.11n HT20_Nss1,(MCS0)_1TX

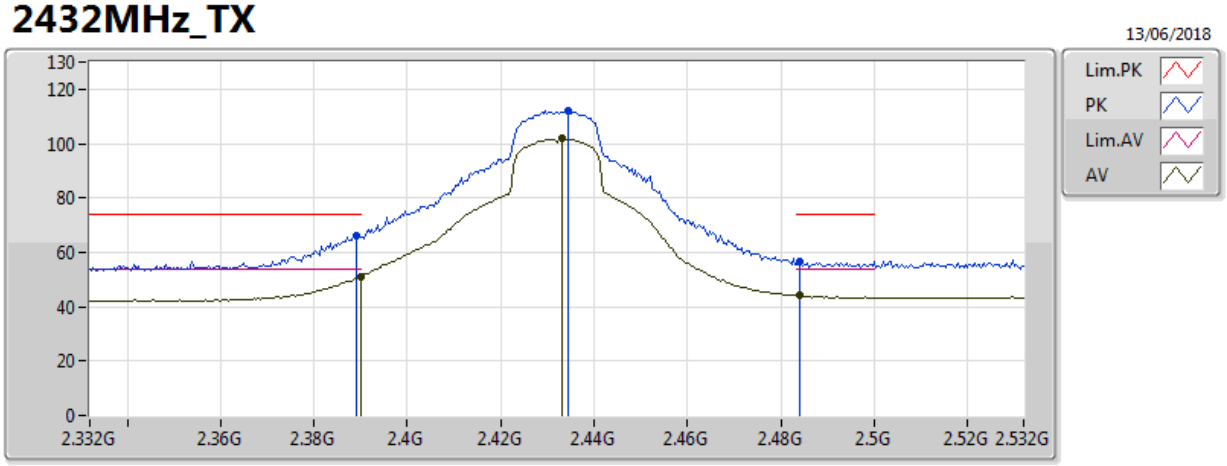
2432MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	53.75	54.00	-0.25	30.77	3	Vertical	89	1.64	-
AV	2.4332G	104.94	Inf	-Inf	30.93	3	Vertical	89	1.64	-
AV	2.484G	44.29	54.00	-9.71	31.12	3	Vertical	89	1.64	-
PK	2.3896G	69.72	74.00	-4.28	30.77	3	Vertical	89	1.64	-
PK	2.432G	115.51	Inf	-Inf	30.93	3	Vertical	89	1.64	-
PK	2.4844G	57.72	74.00	-16.28	31.12	3	Vertical	89	1.64	-

802.11n HT20_Nss1,(MCS0)_1TX

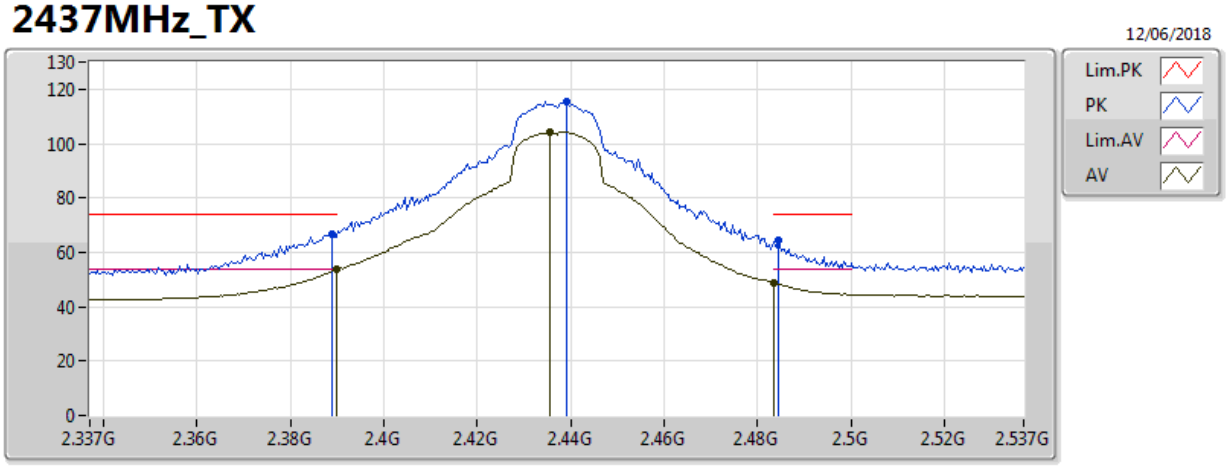
2432MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	51.14	54.00	-2.86	30.77	3	Horizontal	152	1.52	-
AV	2.4332G	101.81	Inf	-Inf	30.93	3	Horizontal	152	1.52	-
AV	2.484G	44.12	54.00	-9.88	31.12	3	Horizontal	152	1.52	-
PK	2.3892G	66.17	74.00	-7.83	30.77	3	Horizontal	152	1.52	-
PK	2.4344G	112.02	Inf	-Inf	30.93	3	Horizontal	152	1.52	-
PK	2.484G	56.65	74.00	-17.35	31.12	3	Horizontal	152	1.52	-

802.11n HT20_Nss1,(MCS0)_1TX

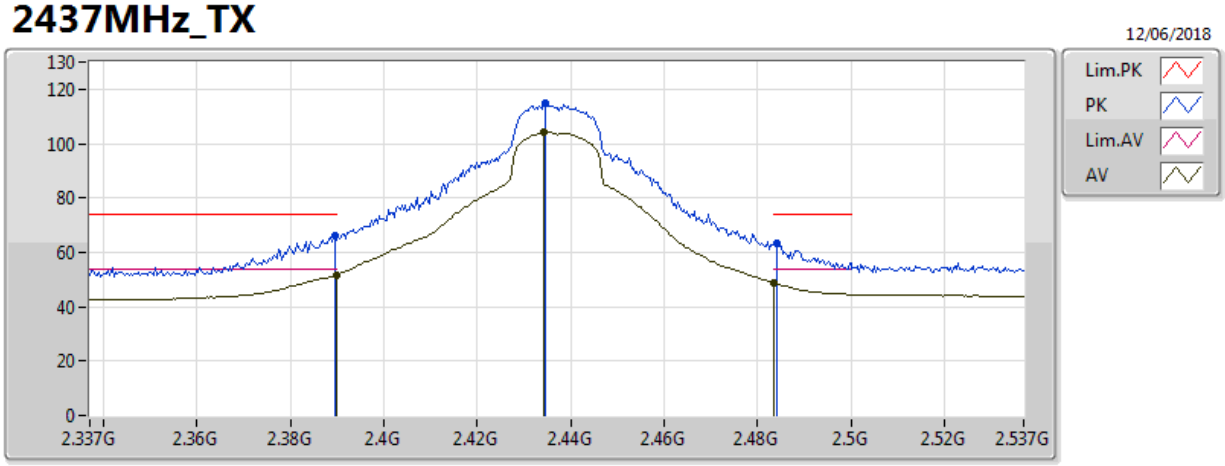
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	53.53	54.00	-0.47	30.38	3	Vertical	271	1.39	-
AV	2.4354G	104.37	Inf	-Inf	30.53	3	Vertical	271	1.39	-
AV	2.483502G	48.79	54.00	-5.21	30.69	3	Vertical	271	1.39	-
PK	2.389G	66.71	74.00	-7.29	30.37	3	Vertical	271	1.39	-
PK	2.439G	115.31	Inf	-Inf	30.54	3	Vertical	271	1.39	-
PK	2.4846G	64.48	74.00	-9.52	30.69	3	Vertical	271	1.39	-

802.11n HT20_Nss1,(MCS0)_1TX

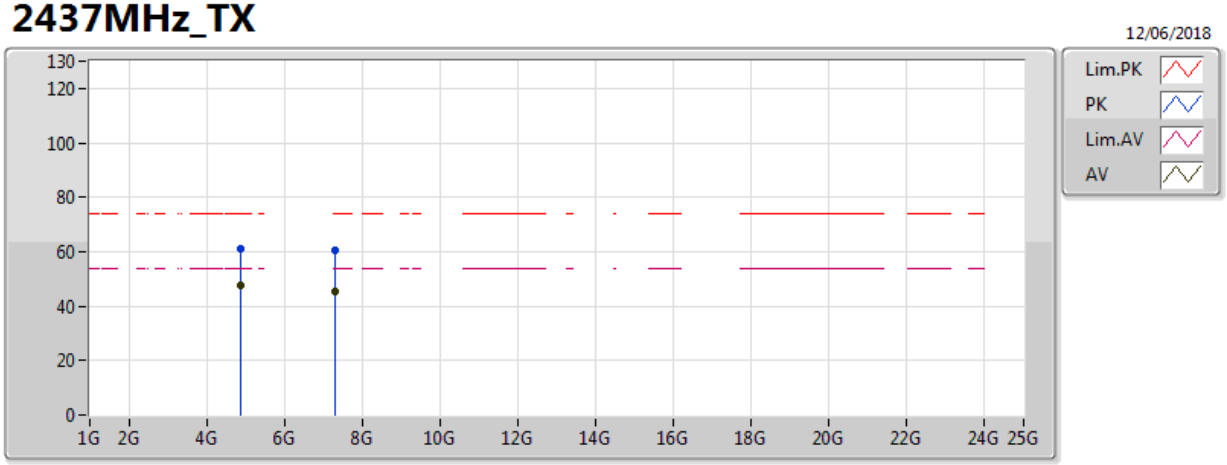
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	51.82	54.00	-2.18	30.38	3	Horizontal	222	2.50	-
AV	2.4342G	104.06	Inf	-Inf	30.53	3	Horizontal	222	2.50	-
AV	2.483502G	48.87	54.00	-5.13	30.69	3	Horizontal	222	2.50	-
PK	2.3894G	65.90	74.00	-8.10	30.37	3	Horizontal	222	2.50	-
PK	2.4346G	114.87	Inf	-Inf	30.53	3	Horizontal	222	2.50	-
PK	2.4842G	63.14	74.00	-10.86	30.69	3	Horizontal	222	2.50	-

802.11n HT20_Nss1,(MCS0)_1TX

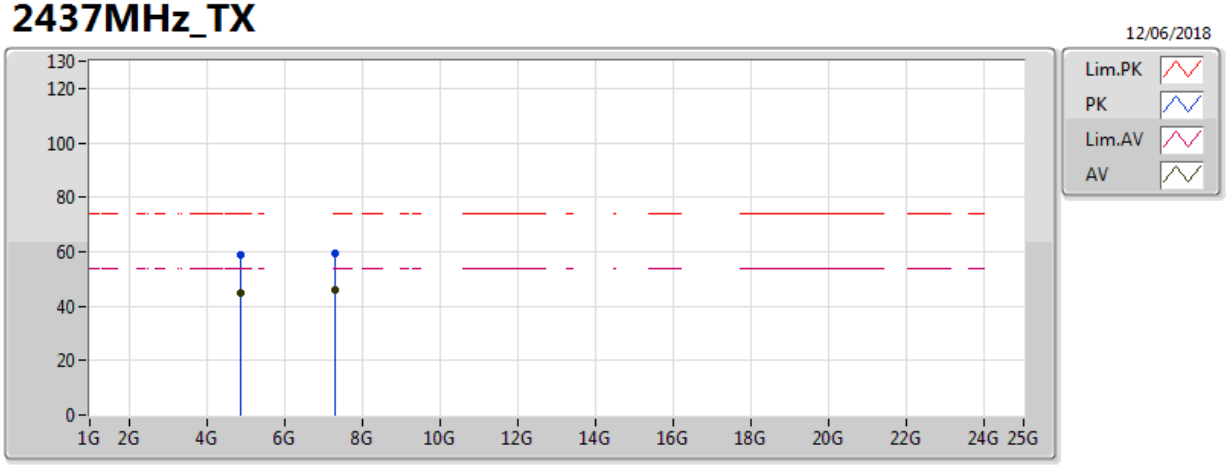
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87292G	47.85	54.00	-6.15	5.93	3	Vertical	349	1.04	-
AV	7.31132G	45.31	54.00	-8.69	11.12	3	Vertical	200	1.47	-
PK	4.87512G	61.21	74.00	-12.79	5.94	3	Vertical	349	1.04	-
PK	7.31024G	60.72	74.00	-13.28	11.12	3	Vertical	200	1.47	-

802.11n HT20_Nss1,(MCS0)_1TX

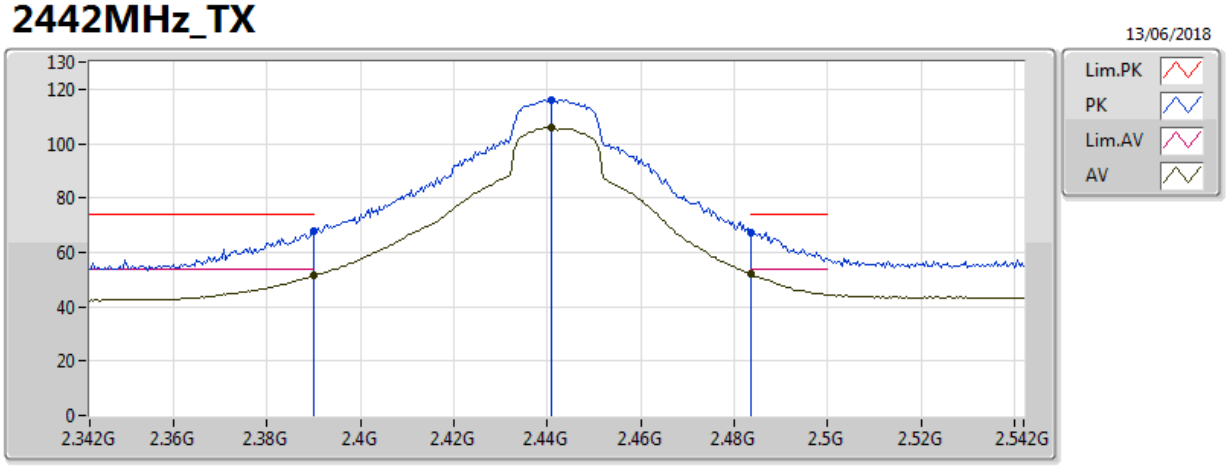
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87592G	45.07	54.00	-8.93	5.94	3	Horizontal	346	1.50	-
AV	7.312G	45.76	54.00	-8.24	11.12	3	Horizontal	153	1.71	-
PK	4.874G	58.63	74.00	-15.37	5.94	3	Horizontal	346	1.50	-
PK	7.30492G	59.62	74.00	-14.38	11.10	3	Horizontal	153	1.71	-

802.11n HT20_Nss1,(MCS0)_1TX

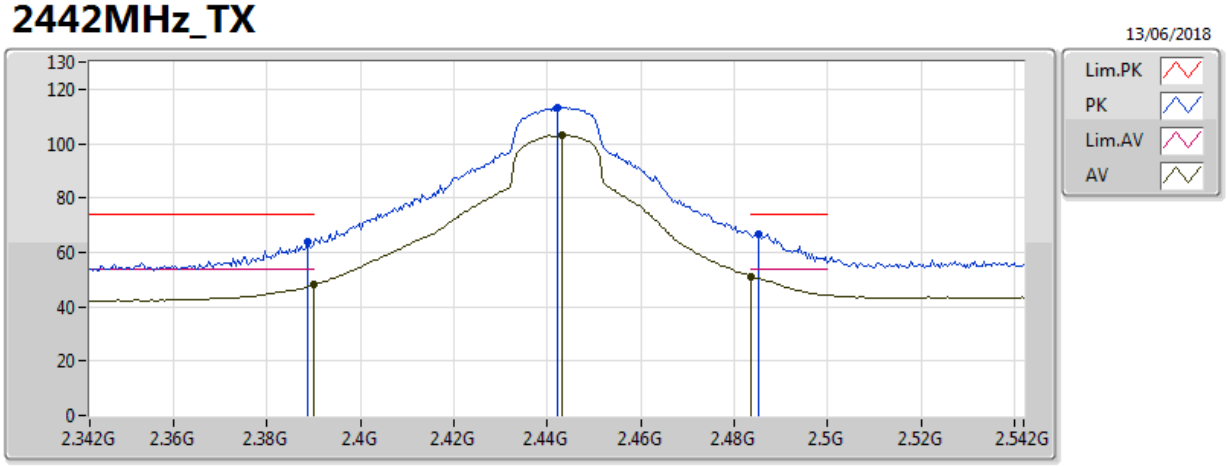
2442MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	51.48	54.00	-2.52	30.77	3	Vertical	96	1.66	-
AV	2.4408G	106.02	Inf	-Inf	30.96	3	Vertical	96	1.66	-
AV	2.483502G	51.94	54.00	-2.06	31.11	3	Vertical	96	1.66	-
PK	2.389998G	68.06	74.00	-5.94	30.77	3	Vertical	96	1.66	-
PK	2.4408G	116.26	Inf	-Inf	30.96	3	Vertical	96	1.66	-
PK	2.483502G	67.21	74.00	-6.79	31.11	3	Vertical	96	1.66	-

802.11n HT20_Nss1,(MCS0)_1TX

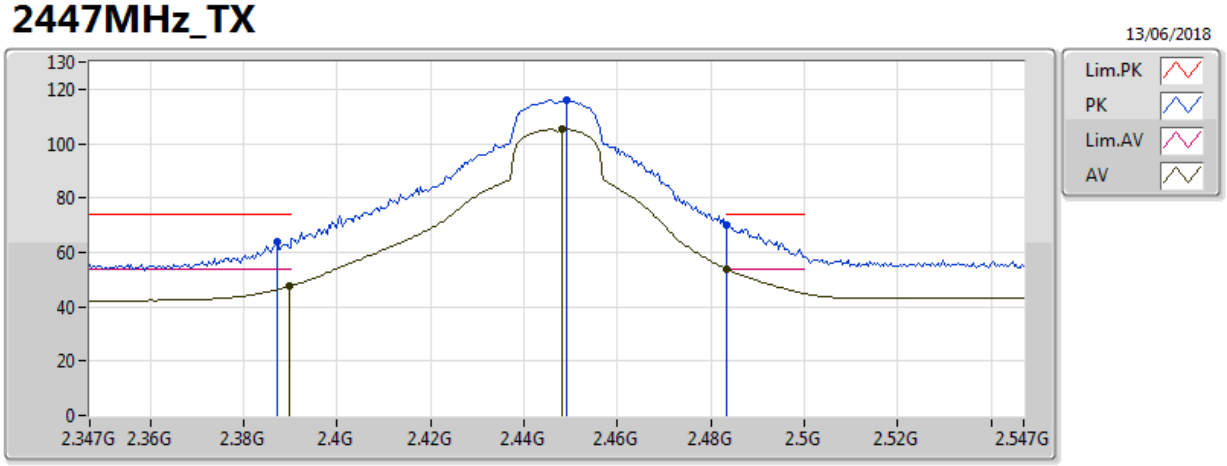
2442MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	47.96	54.00	-6.04	30.77	3	Horizontal	129	1.50	-
AV	2.4432G	103.03	Inf	-Inf	30.97	3	Horizontal	129	1.50	-
AV	2.483502G	51.22	54.00	-2.78	31.11	3	Horizontal	129	1.50	-
PK	2.3888G	63.89	74.00	-10.11	30.77	3	Horizontal	129	1.50	-
PK	2.442G	113.23	Inf	-Inf	30.96	3	Horizontal	129	1.50	-
PK	2.4852G	66.53	74.00	-7.47	31.12	3	Horizontal	129	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

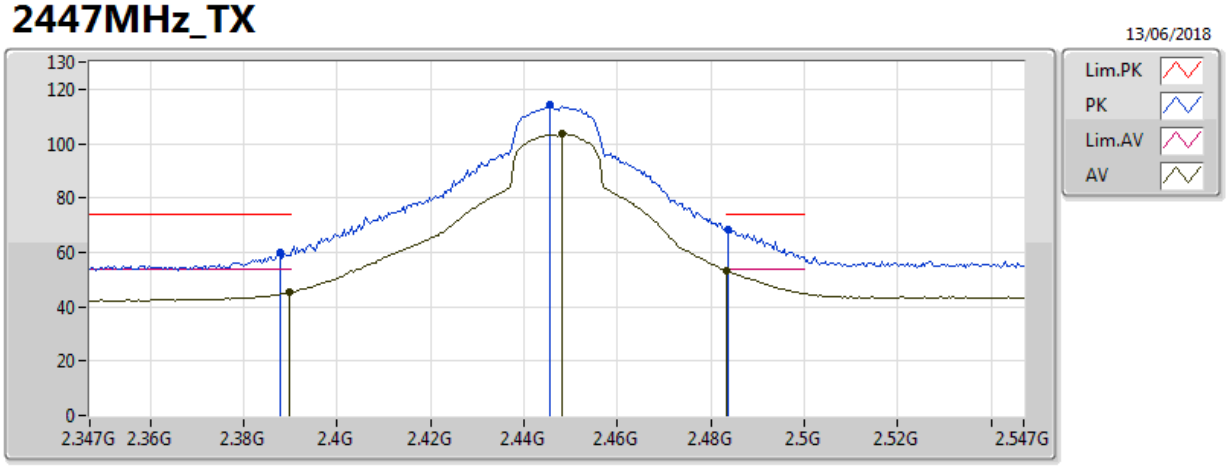
2447MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	47.52	54.00	-6.48	30.77	3	Vertical	92	1.90	-
AV	2.4482G	105.29	Inf	-Inf	30.98	3	Vertical	92	1.90	-
AV	2.483502G	53.70	54.00	-0.30	31.11	3	Vertical	92	1.90	-
PK	2.387G	64.05	74.00	-9.95	30.76	3	Vertical	92	1.90	-
PK	2.449G	116.17	Inf	-Inf	30.99	3	Vertical	92	1.90	-
PK	2.483502G	70.21	74.00	-3.79	31.11	3	Vertical	92	1.90	-

802.11n HT20_Nss1,(MCS0)_1TX

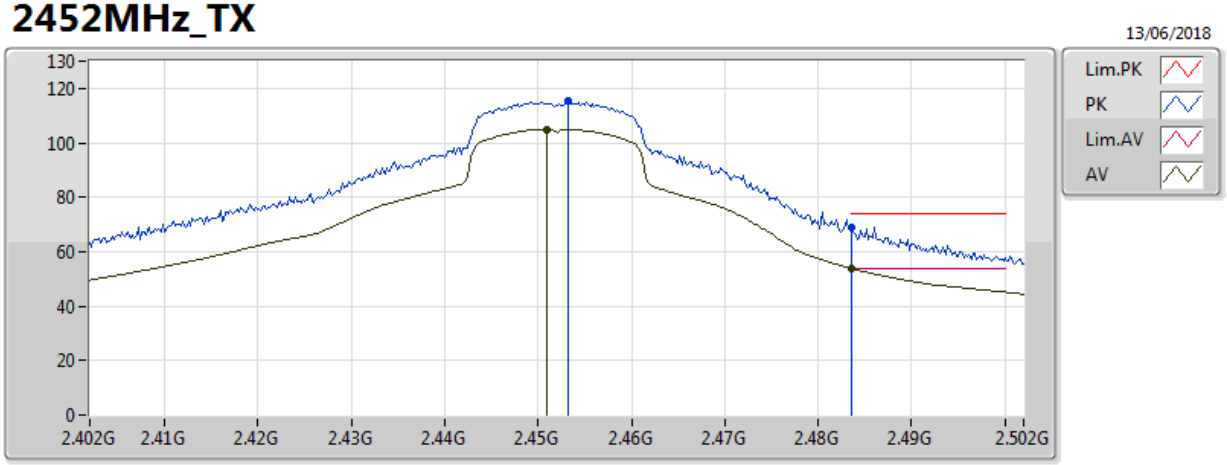
2447MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	45.17	54.00	-8.83	30.77	3	Horizontal	130	1.50	-
AV	2.4482G	103.49	Inf	-Inf	30.98	3	Horizontal	130	1.50	-
AV	2.483502G	53.19	54.00	-0.81	31.11	3	Horizontal	130	1.50	-
PK	2.3878G	60.08	74.00	-13.92	30.77	3	Horizontal	130	1.50	-
PK	2.4454G	114.38	Inf	-Inf	30.97	3	Horizontal	130	1.50	-
PK	2.4838G	68.44	74.00	-5.56	31.11	3	Horizontal	130	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

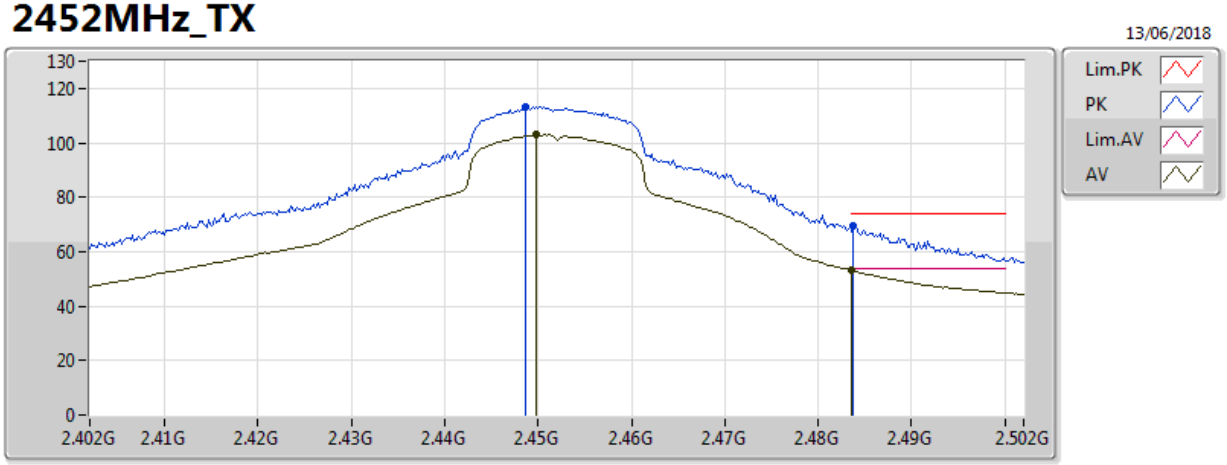
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.451G	105.00	Inf	-Inf	30.99	3	Vertical	92	1.89	-
AV	2.483502G	53.88	54.00	-0.12	31.11	3	Vertical	92	1.89	-
PK	2.4532G	115.35	Inf	-Inf	31.00	3	Vertical	92	1.89	-
PK	2.483502G	69.12	74.00	-4.88	31.11	3	Vertical	92	1.89	-

802.11n HT20_Nss1,(MCS0)_1TX

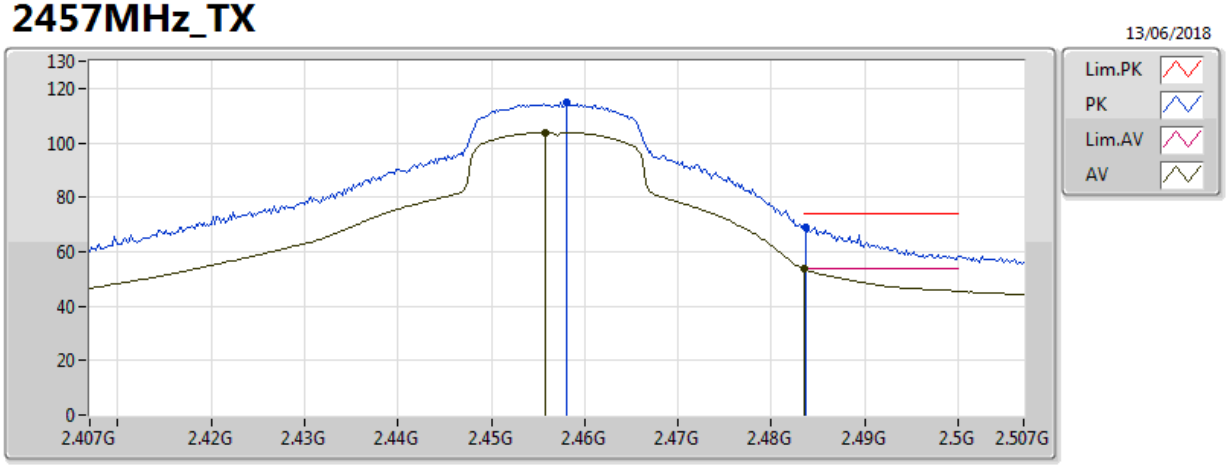
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4498G	102.89	Inf	-Inf	30.99	3	Horizontal	128	1.50	-
AV	2.483502G	53.08	54.00	-0.92	31.11	3	Horizontal	128	1.50	-
PK	2.4486G	113.38	Inf	-Inf	30.98	3	Horizontal	128	1.50	-
PK	2.4838G	69.34	74.00	-4.66	31.11	3	Horizontal	128	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

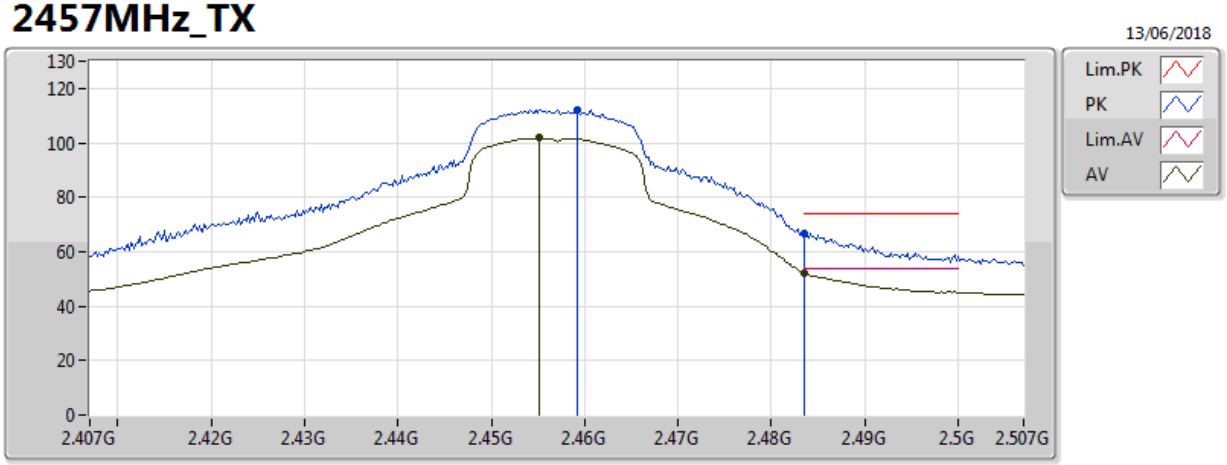
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4558G	103.88	Inf	-Inf	31.01	3	Vertical	93	1.87	-
AV	2.483502G	53.57	54.00	-0.43	31.11	3	Vertical	93	1.87	-
PK	2.458G	114.74	Inf	-Inf	31.02	3	Vertical	93	1.87	-
PK	2.4836G	69.13	74.00	-4.87	31.11	3	Vertical	93	1.87	-

802.11n HT20_Nss1,(MCS0)_1TX

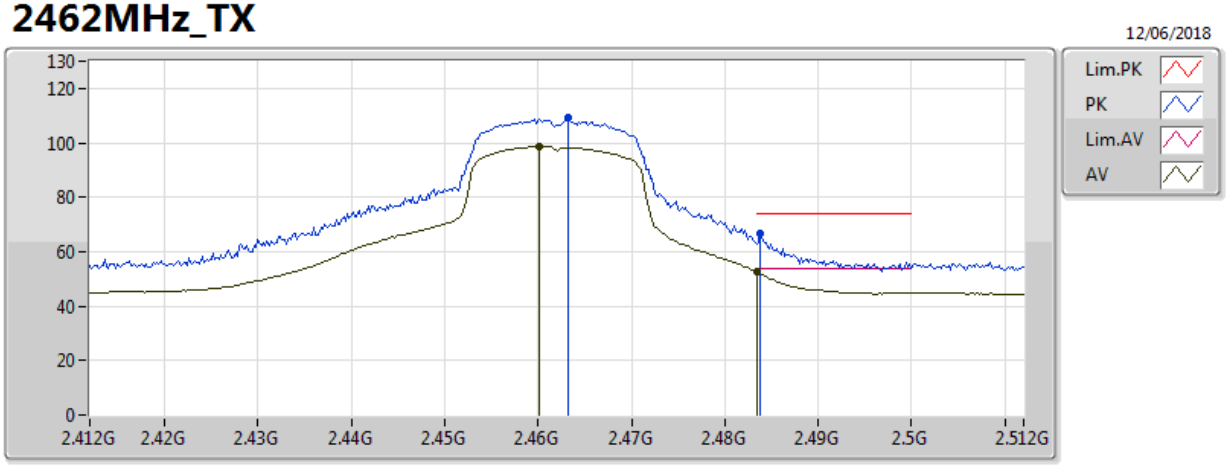
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4552G	101.83	Inf	-Inf	31.01	3	Horizontal	129	1.33	-
AV	2.483502G	52.14	54.00	-1.86	31.11	3	Horizontal	129	1.33	-
PK	2.4592G	112.32	Inf	-Inf	31.02	3	Horizontal	129	1.33	-
PK	2.483502G	66.93	74.00	-7.07	31.11	3	Horizontal	129	1.33	-

802.11n HT20_Nss1,(MCS0)_1TX

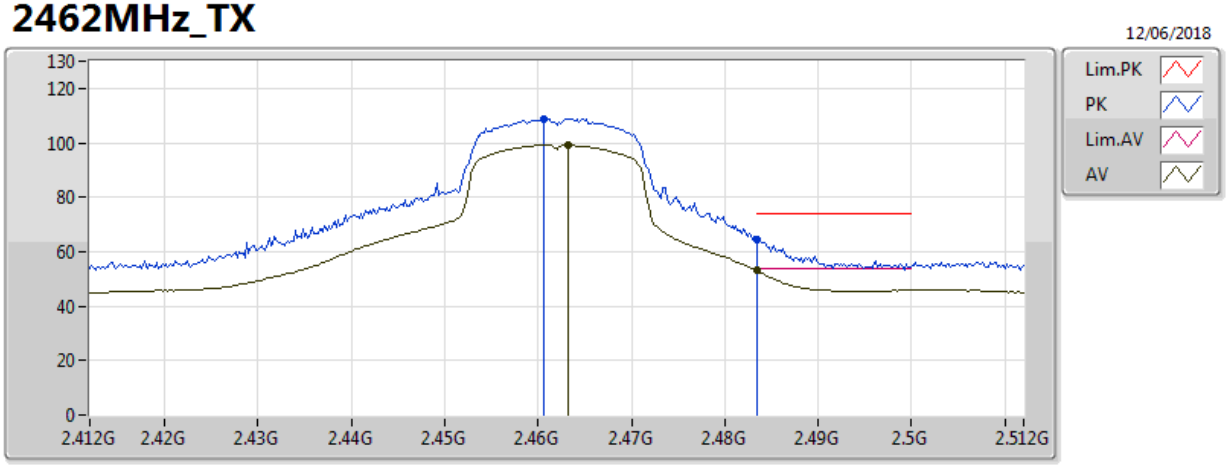
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4602G	98.70	Inf	-Inf	30.61	3	Vertical	261	1.76	-
AV	2.483502G	52.54	54.00	-1.46	30.69	3	Vertical	261	1.76	-
PK	2.4632G	109.32	Inf	-Inf	30.62	3	Vertical	261	1.76	-
PK	2.4838G	66.93	74.00	-7.07	30.69	3	Vertical	261	1.76	-

802.11n HT20_Nss1,(MCS0)_1TX

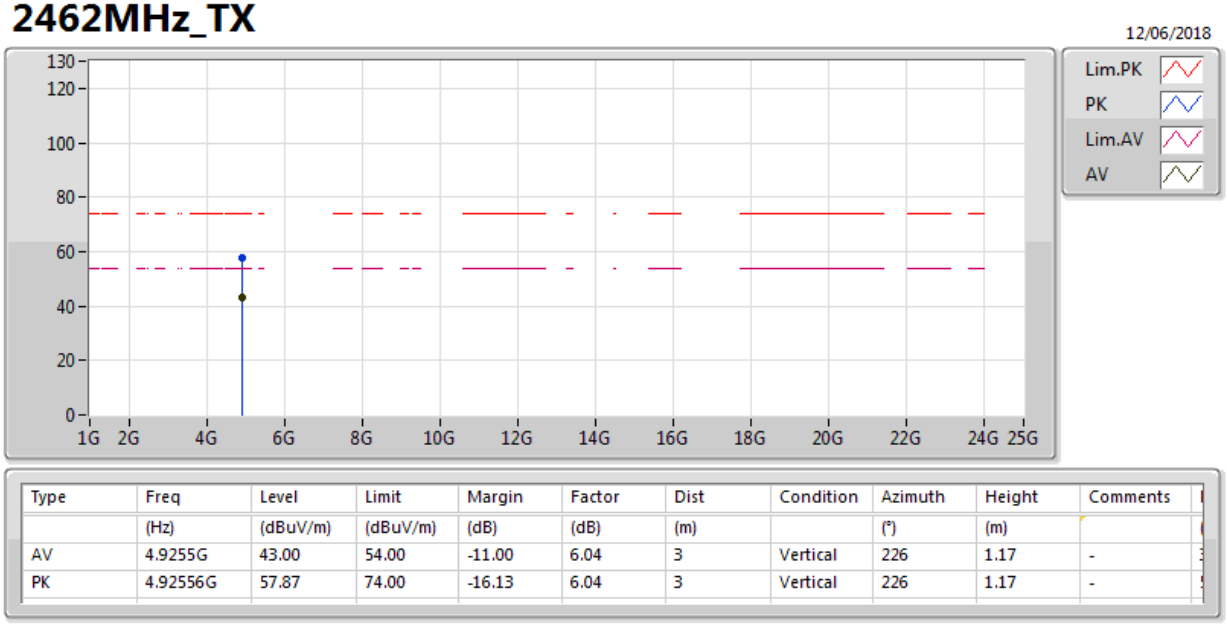
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4632G	99.26	Inf	-Inf	30.62	3	Horizontal	228	1.78	-
AV	2.483502G	53.07	54.00	-0.93	30.69	3	Horizontal	228	1.78	-
PK	2.4606G	108.90	Inf	-Inf	30.62	3	Horizontal	228	1.78	-
PK	2.483502G	64.26	74.00	-9.74	30.69	3	Horizontal	228	1.78	-

802.11n HT20_Nss1,(MCS0)_1TX

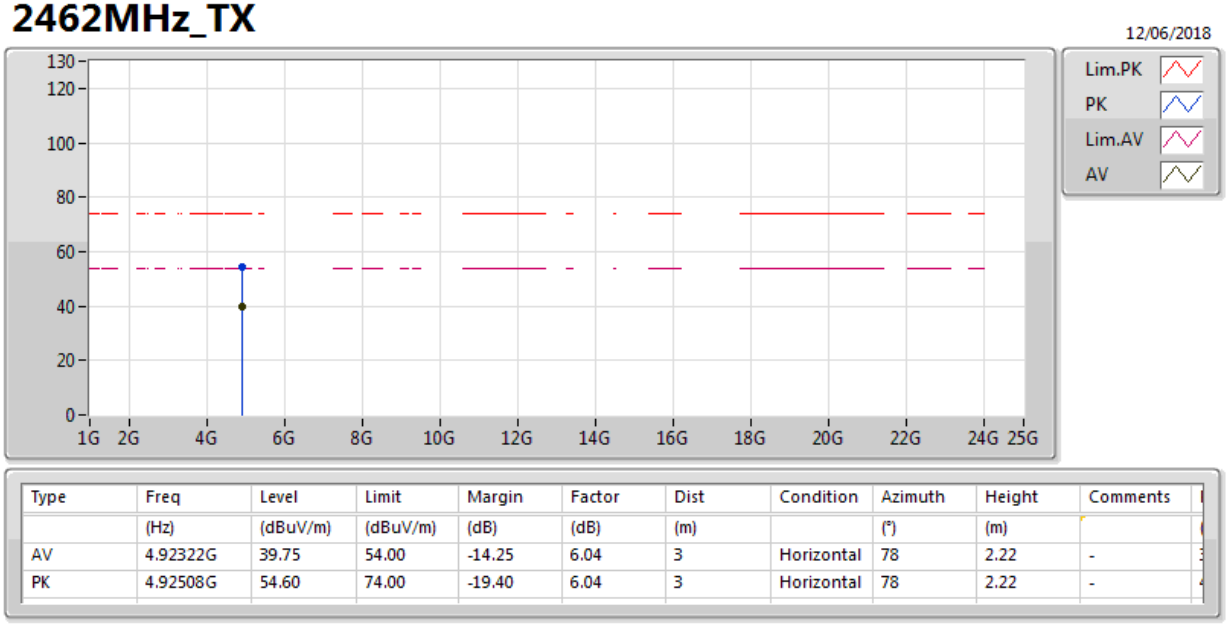
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.9255G	43.00	54.00	-11.00	6.04	3	Vertical	226	1.17	-
PK	4.92556G	57.87	74.00	-16.13	6.04	3	Vertical	226	1.17	-

802.11n HT20_Nss1,(MCS0)_1TX

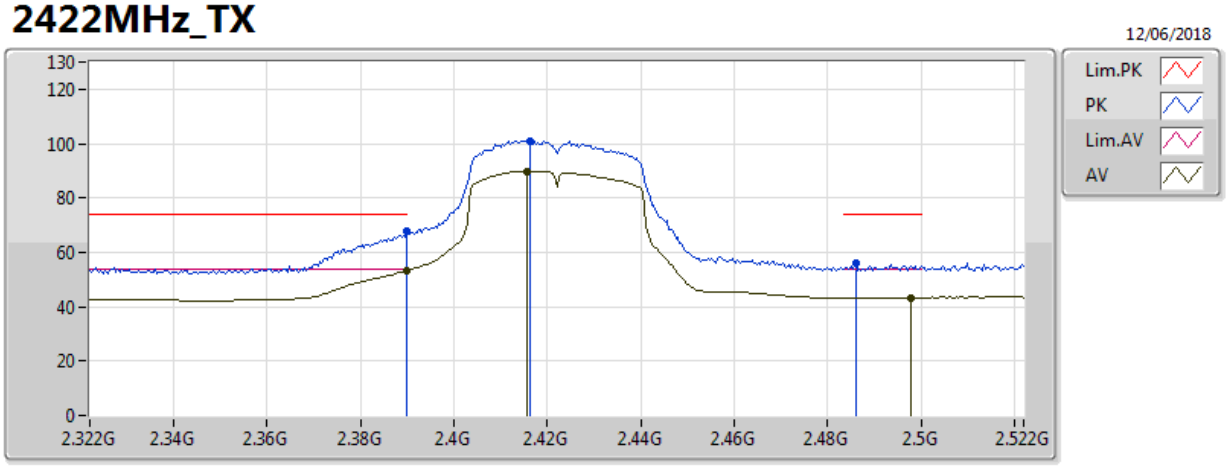
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.92322G	39.75	54.00	-14.25	6.04	3	Horizontal	78	2.22	-
PK	4.92508G	54.60	74.00	-19.40	6.04	3	Horizontal	78	2.22	-

802.11n HT40_Nss1,(MCS0)_1TX

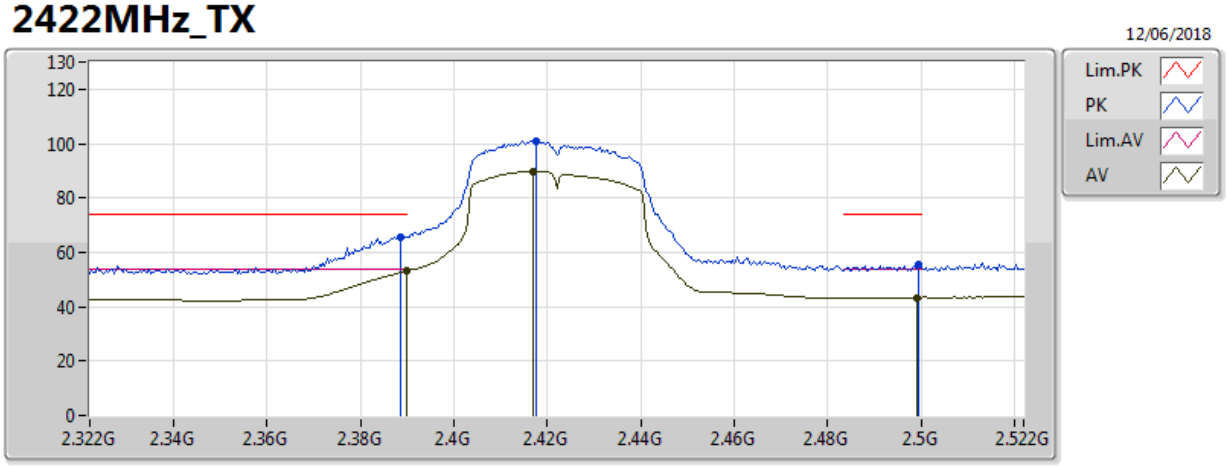
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	53.37	54.00	-0.63	30.38	3	Vertical	277	1.15	-
AV	2.4156G	89.90	Inf	-Inf	30.46	3	Vertical	277	1.15	-
AV	2.498G	43.42	54.00	-10.58	30.75	3	Vertical	277	1.15	-
PK	2.389998G	68.06	74.00	-5.94	30.38	3	Vertical	277	1.15	-
PK	2.4164G	101.14	Inf	-Inf	30.47	3	Vertical	277	1.15	-
PK	2.486G	55.77	74.00	-18.23	30.71	3	Vertical	277	1.15	-

802.11n HT40_Nss1,(MCS0)_1TX

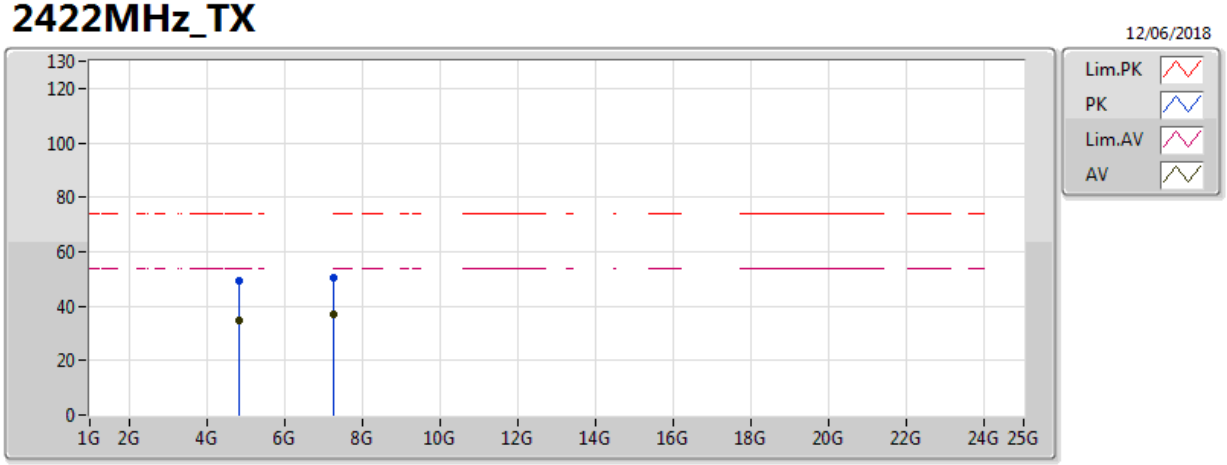
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	53.13	54.00	-0.87	30.38	3	Horizontal	145	1.96	-
AV	2.4168G	89.86	Inf	-Inf	30.47	3	Horizontal	145	1.96	-
AV	2.4992G	43.40	54.00	-10.60	30.75	3	Horizontal	145	1.96	-
PK	2.3884G	65.80	74.00	-8.20	30.37	3	Horizontal	145	1.96	-
PK	2.4176G	100.85	Inf	-Inf	30.47	3	Horizontal	145	1.96	-
PK	2.4996G	55.67	74.00	-18.33	30.75	3	Horizontal	145	1.96	-

802.11n HT40_Nss1,(MCS0)_1TX

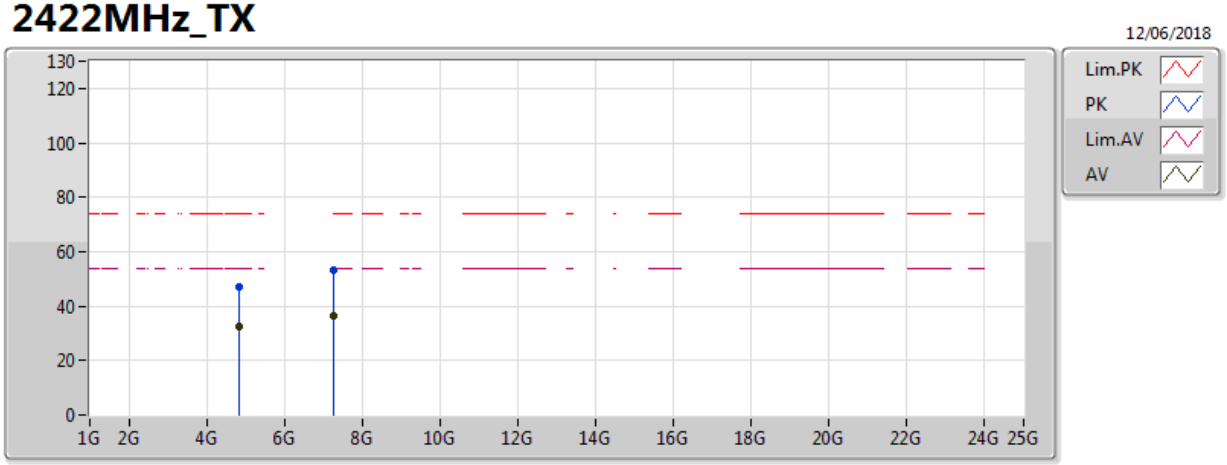
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.84172G	34.47	54.00	-19.53	5.87	3	Vertical	348	1.37	-
AV	7.2603G	36.71	54.00	-17.29	10.99	3	Vertical	152	1.50	-
PK	4.83278G	49.27	74.00	-24.73	5.85	3	Vertical	348	1.37	-
PK	7.2666G	50.41	74.00	-23.59	11.00	3	Vertical	152	1.50	-

802.11n HT40_Nss1,(MCS0)_1TX

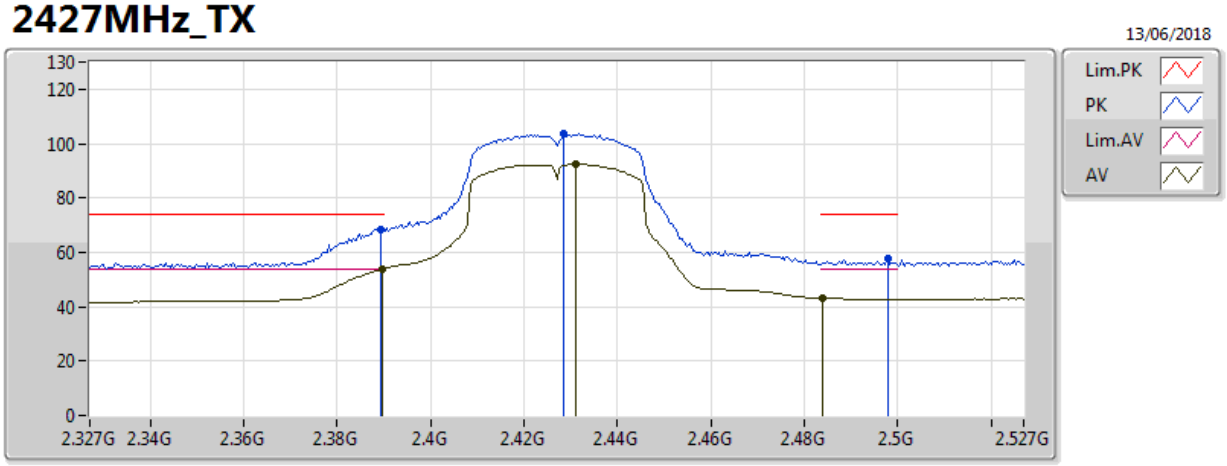
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.8368G	32.41	54.00	-21.59	5.86	3	Horizontal	67	1.89	-
AV	7.2606G	36.54	54.00	-17.46	10.99	3	Horizontal	67	1.50	-
PK	4.84898G	46.84	74.00	-27.16	5.88	3	Horizontal	67	1.89	-
PK	7.2525G	53.35	74.00	-20.65	10.97	3	Horizontal	67	1.50	-

802.11n HT40_Nss1,(MCS0)_1TX

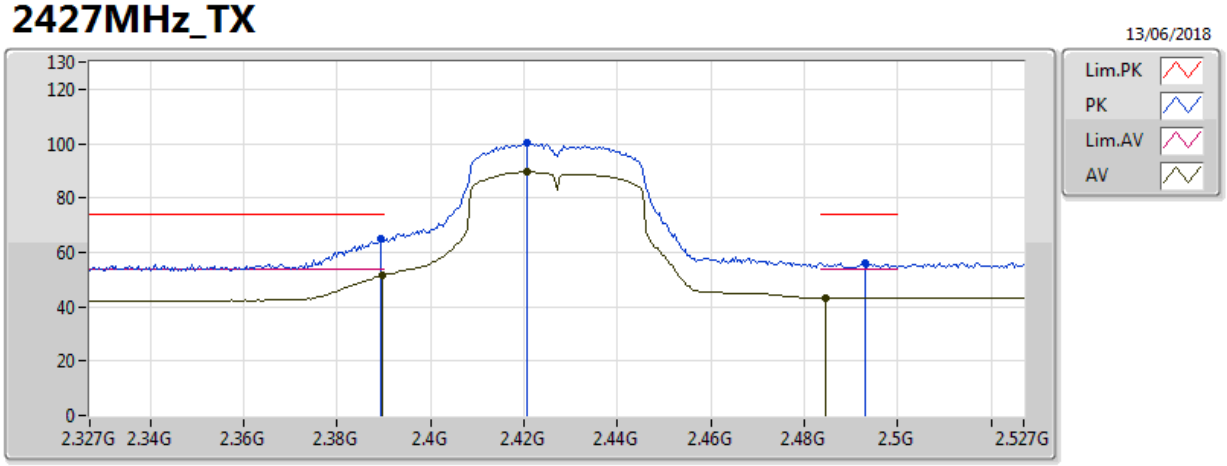
2427MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	53.86	54.00	-0.14	30.77	3	Vertical	156	1.52	-
AV	2.431G	92.42	Inf	-Inf	30.92	3	Vertical	156	1.52	-
AV	2.4838G	43.11	54.00	-10.89	31.11	3	Vertical	156	1.52	-
PK	2.3894G	68.23	74.00	-5.77	30.77	3	Vertical	156	1.52	-
PK	2.4286G	103.63	Inf	-Inf	30.91	3	Vertical	156	1.52	-
PK	2.4978G	57.55	74.00	-16.45	31.16	3	Vertical	156	1.52	-

802.11n HT40_Nss1,(MCS0)_1TX

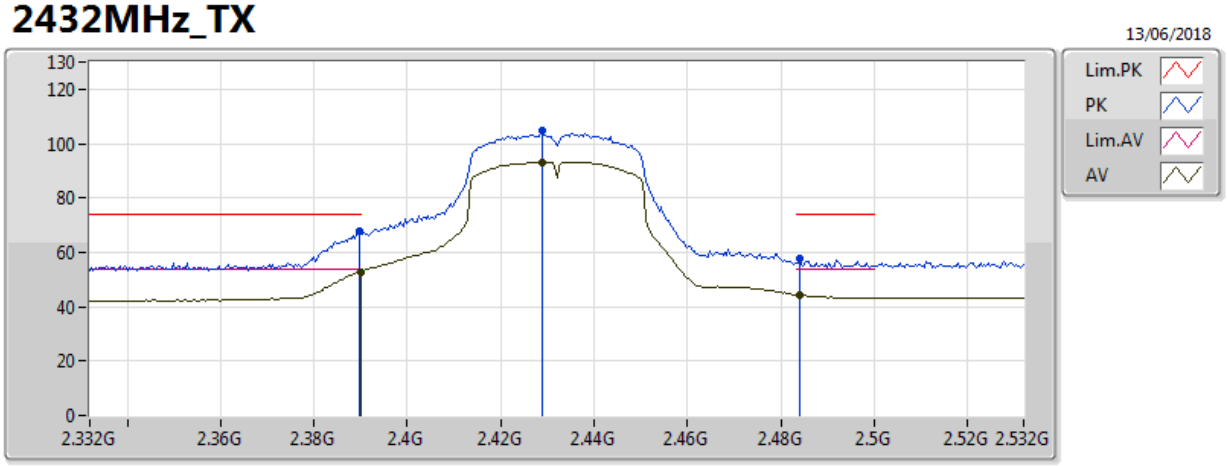
2427MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	51.53	54.00	-2.47	30.77	3	Horizontal	156	1.52	-
AV	2.4206G	89.63	Inf	-Inf	30.88	3	Horizontal	156	1.52	-
AV	2.4846G	43.34	54.00	-10.66	31.12	3	Horizontal	156	1.52	-
PK	2.3894G	65.12	74.00	-8.88	30.77	3	Horizontal	156	1.52	-
PK	2.4206G	100.14	Inf	-Inf	30.88	3	Horizontal	156	1.52	-
PK	2.493G	56.12	74.00	-17.88	31.14	3	Horizontal	156	1.52	-

802.11n HT40_Nss1,(MCS0)_1TX

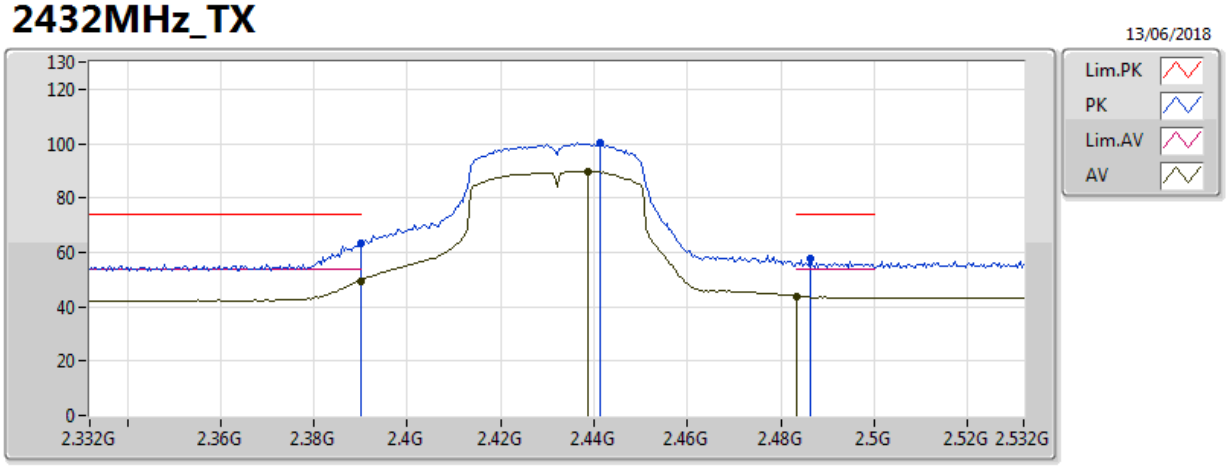
2432MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	52.90	54.00	-1.10	30.77	3	Vertical	93	1.66	-
AV	2.4288G	93.16	Inf	-Inf	30.91	3	Vertical	93	1.66	-
AV	2.484G	44.25	54.00	-9.75	31.12	3	Vertical	93	1.66	-
PK	2.3896G	67.53	74.00	-6.47	30.77	3	Vertical	93	1.66	-
PK	2.4288G	104.55	Inf	-Inf	30.91	3	Vertical	93	1.66	-
PK	2.484G	57.64	74.00	-16.36	31.12	3	Vertical	93	1.66	-

802.11n HT40_Nss1,(MCS0)_1TX

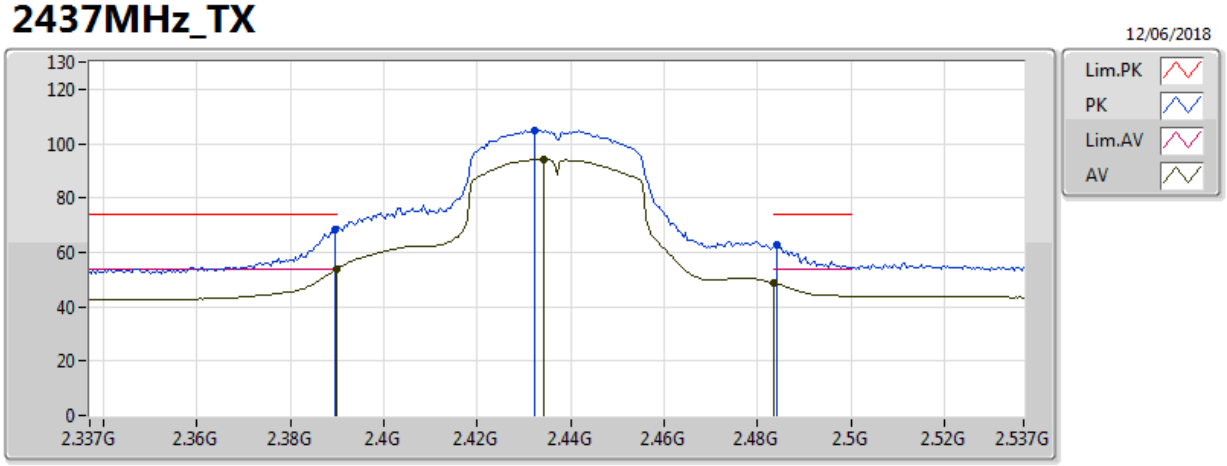
2432MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	49.59	54.00	-4.41	30.77	3	Horizontal	156	1.52	-
AV	2.4388G	89.85	Inf	-Inf	30.95	3	Horizontal	156	1.52	-
AV	2.483502G	43.82	54.00	-10.18	31.11	3	Horizontal	156	1.52	-
PK	2.389998G	63.54	74.00	-10.46	30.77	3	Horizontal	156	1.52	-
PK	2.4412G	100.17	Inf	-Inf	30.96	3	Horizontal	156	1.52	-
PK	2.4864G	57.48	74.00	-16.52	31.12	3	Horizontal	156	1.52	-

802.11n HT40_Nss1,(MCS0)_1TX

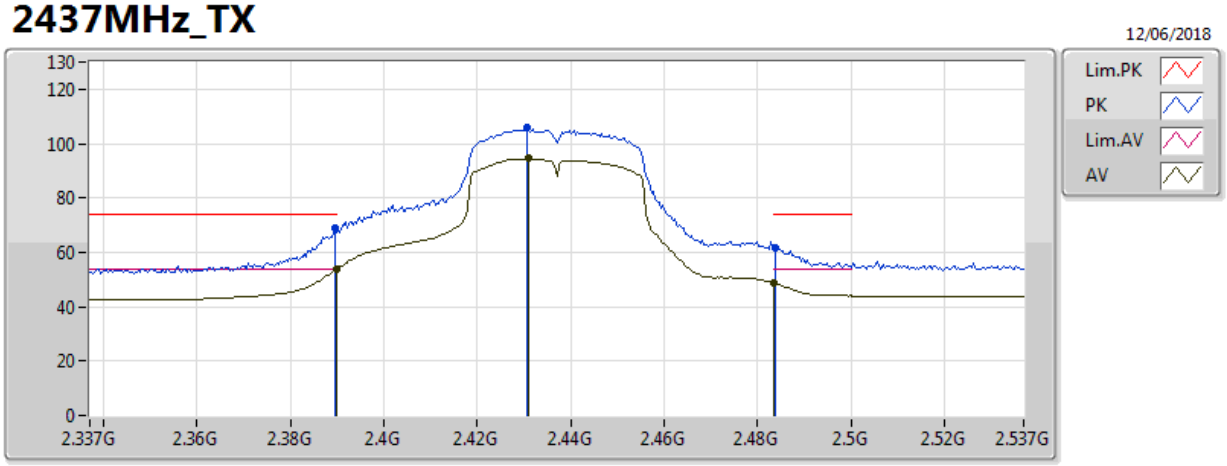
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	53.78	54.00	-0.22	30.38	3	Vertical	277	2.64	-
AV	2.4342G	94.02	Inf	-Inf	30.53	3	Vertical	277	2.64	-
AV	2.483502G	48.87	54.00	-5.13	30.69	3	Vertical	277	2.64	-
PK	2.3894G	68.26	74.00	-5.74	30.37	3	Vertical	277	2.64	-
PK	2.4322G	104.76	Inf	-Inf	30.52	3	Vertical	277	2.64	-
PK	2.4842G	62.60	74.00	-11.40	30.69	3	Vertical	277	2.64	-

802.11n HT40_Nss1,(MCS0)_1TX

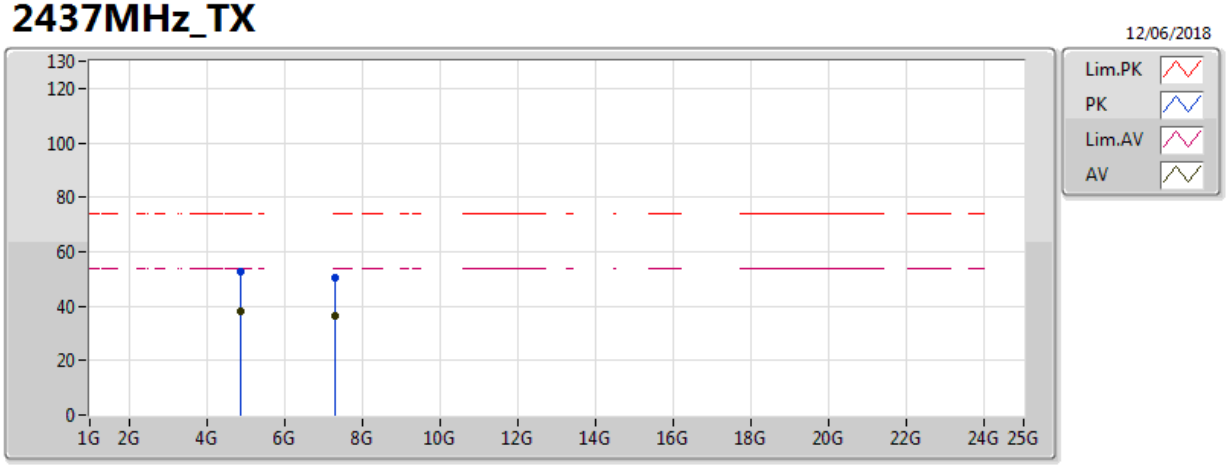
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	53.77	54.00	-0.23	30.38	3	Horizontal	322	3.07	-
AV	2.431G	94.44	Inf	-Inf	30.52	3	Horizontal	322	3.07	-
AV	2.483502G	48.86	54.00	-5.14	30.69	3	Horizontal	322	3.07	-
PK	2.3894G	69.01	74.00	-4.99	30.37	3	Horizontal	322	3.07	-
PK	2.4306G	105.78	Inf	-Inf	30.51	3	Horizontal	322	3.07	-
PK	2.4838G	61.90	74.00	-12.10	30.69	3	Horizontal	322	3.07	-

802.11n HT40_Nss1,(MCS0)_1TX

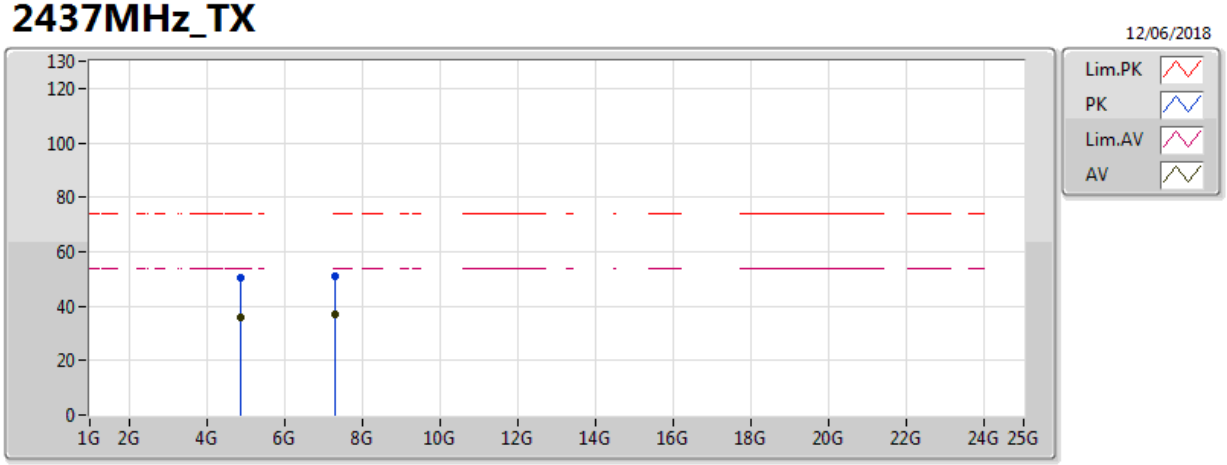
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.874G	37.98	54.00	-16.02	5.94	3	Vertical	349	1.20	-
AV	7.31142G	36.68	54.00	-17.32	11.12	3	Vertical	191	1.45	-
PK	4.87388G	52.85	74.00	-21.15	5.94	3	Vertical	349	1.20	-
PK	7.31136G	50.28	74.00	-23.72	11.12	3	Vertical	191	1.45	-

802.11n HT40_Nss1,(MCS0)_1TX

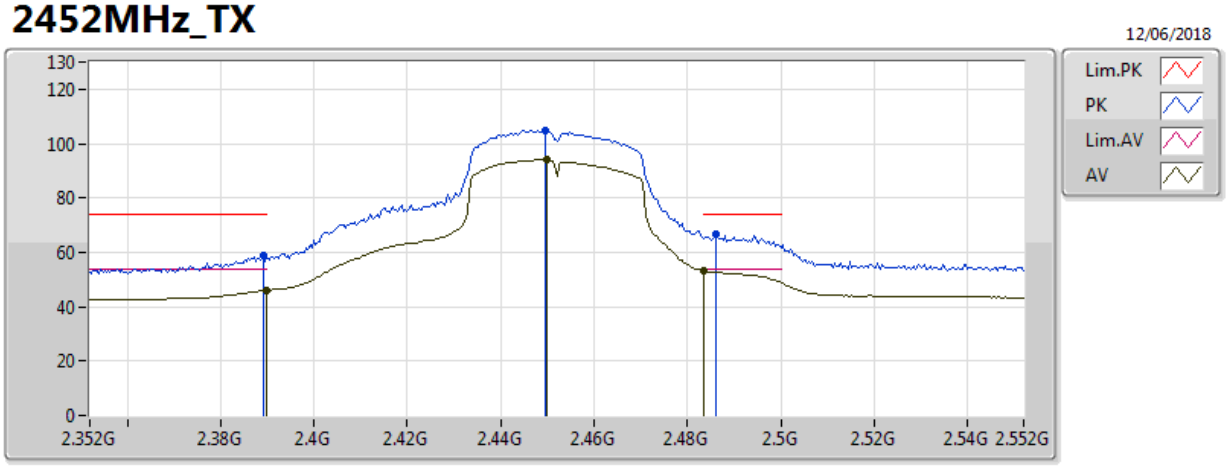
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87502G	36.14	54.00	-17.86	5.94	3	Horizontal	330	2.49	-
AV	7.31892G	36.76	54.00	-17.24	11.14	3	Horizontal	199	1.41	-
PK	4.8743G	50.21	74.00	-23.79	5.94	3	Horizontal	330	2.49	-
PK	7.32084G	50.90	74.00	-23.10	11.15	3	Horizontal	199	1.41	-

802.11n HT40_Nss1,(MCS0)_1TX

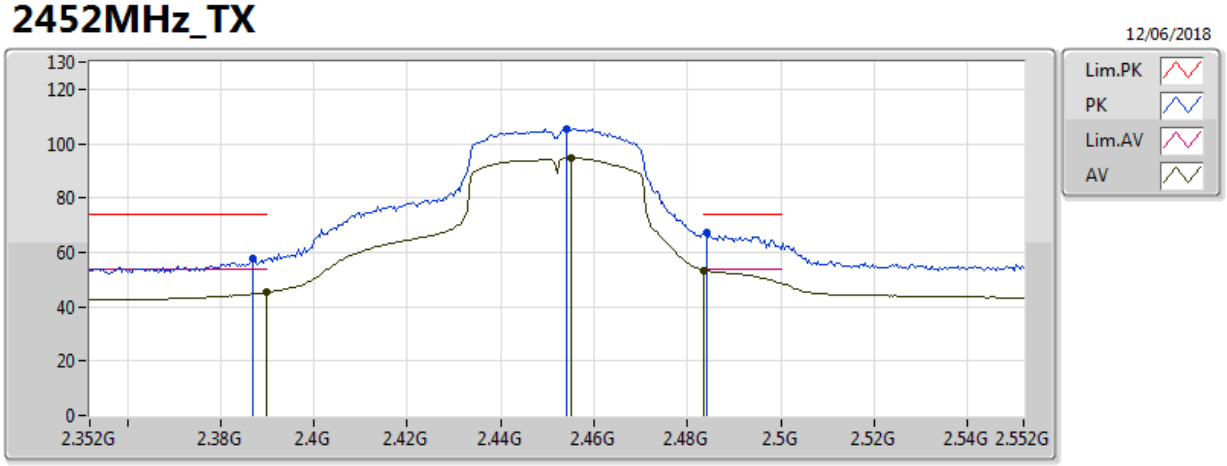
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	45.98	54.00	-8.02	30.38	3	Vertical	277	2.18	-
AV	2.45G	93.96	Inf	-Inf	30.58	3	Vertical	277	2.18	-
AV	2.483502G	53.14	54.00	-0.86	30.69	3	Vertical	277	2.18	-
PK	2.3892G	58.69	74.00	-15.31	30.37	3	Vertical	277	2.18	-
PK	2.4496G	105.01	Inf	-Inf	30.58	3	Vertical	277	2.18	-
PK	2.486G	66.64	74.00	-7.36	30.71	3	Vertical	277	2.18	-

802.11n HT40_Nss1,(MCS0)_1TX

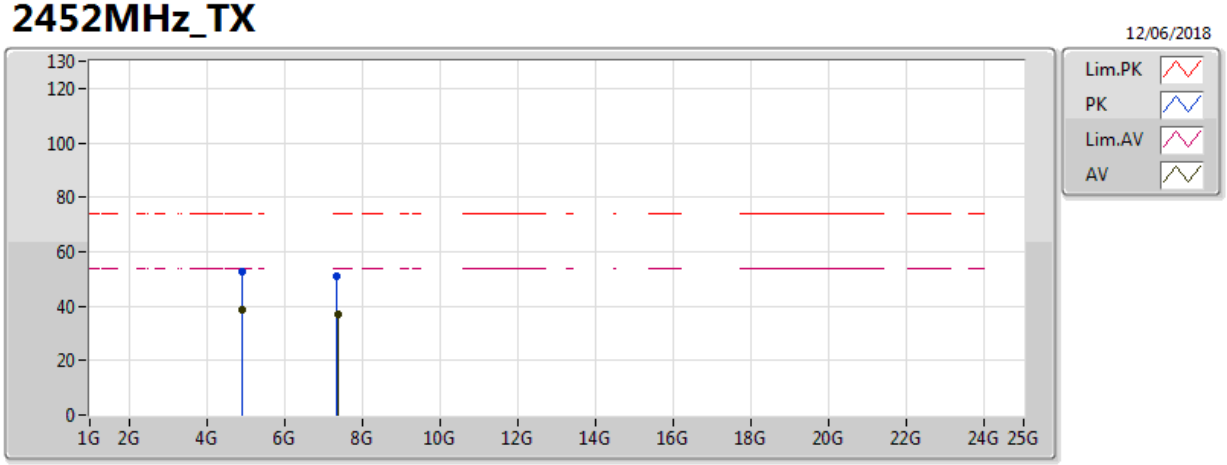
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	45.37	54.00	-8.63	30.38	3	Horizontal	324	2.99	-
AV	2.4552G	94.68	Inf	-Inf	30.60	3	Horizontal	324	2.99	-
AV	2.483502G	53.36	54.00	-0.64	30.69	3	Horizontal	324	2.99	-
PK	2.3868G	57.90	74.00	-16.10	30.37	3	Horizontal	324	2.99	-
PK	2.454G	105.54	Inf	-Inf	30.59	3	Horizontal	324	2.99	-
PK	2.484G	67.41	74.00	-6.59	30.69	3	Horizontal	324	2.99	-

802.11n HT40_Nss1,(MCS0)_1TX

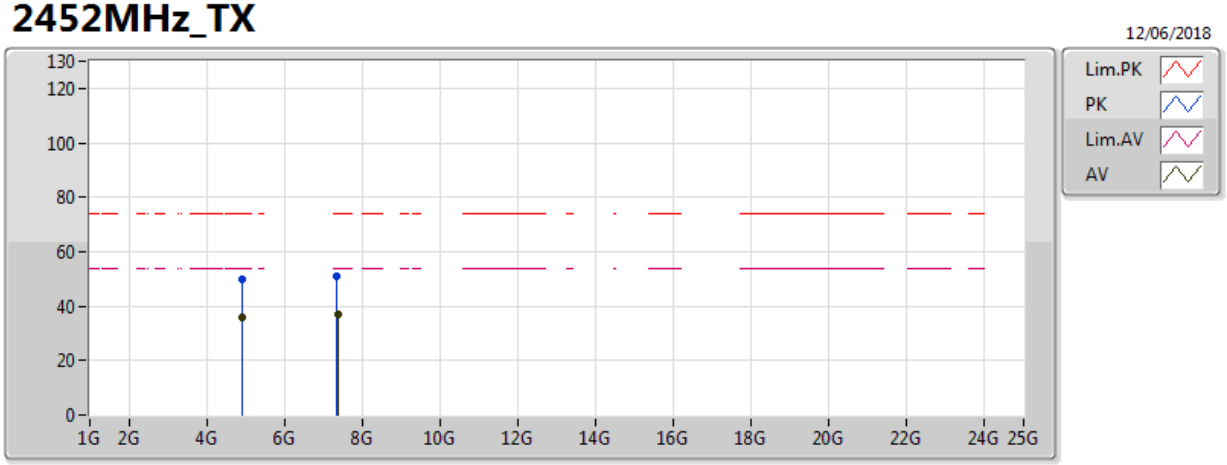
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.90418G	38.46	54.00	-15.54	6.00	3	Vertical	350	1.07	-
AV	7.3683G	37.24	54.00	-16.76	11.28	3	Vertical	196	1.16	-
PK	4.90586G	52.81	74.00	-21.19	6.00	3	Vertical	350	1.07	-
PK	7.35798G	51.21	74.00	-22.79	11.25	3	Vertical	196	1.16	-

802.11n HT40_Nss1,(MCS0)_1TX

2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.90412G	35.88	54.00	-18.12	6.00	3	Horizontal	162	2.75	-
AV	7.36884G	37.02	54.00	-16.98	11.28	3	Horizontal	200	1.22	-
PK	4.90328G	50.08	74.00	-23.92	6.00	3	Horizontal	162	2.75	-
PK	7.36032G	51.05	74.00	-22.95	11.26	3	Horizontal	200	1.22	-