FCC Test Report

Equipment	:	**UniFi Access Point**
Brand Name	:	**UBIQUITI**
Model No.	:	**UAP-HD-NANO**
FCC ID	:	**SWX-UAPHDNANO**
Standard	:	**47 CFR FCC Part 15.247**
Operating Band	:	**2400 MHz – 2483.5 MHz**
Function	:	**☒ Point-to-multipoint; ☐ Point-to-point**
Applicant / Manufacturer	:	**Ubiquiti Networks, Inc. 685 Third Avenue, 27th Floor New York, New York 10017 USA**

The product sample received on Oct. 30, 2017 and completely tested on Nov. 22, 2017. We, SPORTON, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Phoenix Chen / Assistant Manager

Testing Laboratory 1190

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Summary of Test Result

Conformance Test Specifications				
Report Clause	**Ref. Std. Clause**	**Description**	**Limit**	**Result**
1.1.2	15.203	Antenna Requirement	FCC 15.203	Complied
3.1	15.207	AC Power-line Conducted Emissions	FCC 15.207	Complied
3.2	15.247(a)	DTS Bandwidth	≥500kHz	Complied
3.3	15.247(b)	Maximum Conducted Output Power	Power [dBm]:30	Complied
3.4	15.247(e)	Power Spectral Density	PSD [dBm/3kHz]:8	Complied
3.5	15.247(d)	Emissions in Non-restricted Frequency Bands	Non-Restricted Bands: > 30 dBc	Complied
3.6	15.247(d)	Emissions in Restricted Frequency Bands	Restricted Bands: FCC 15.209	Complied

Revision History

Report No.	Version	Description	Issued Date
FR7O2609AC	Rev. 01	Initial issue of report	Nov. 24, 2017

1 General Description

1.1 Information

1.1.1 RF General Information

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

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	2TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	802.11n HT20	20	2TX
2.4-2.4835GHz	802.11n HT40	40	2TX

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

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	-	-	internal antenna	Murata	2.8
2	2	-	-	internal antenna	Murata	2.8
Note: 1: 802.11b/g/n used two antennas are for signal transmitting and receiving.(2T2R Spatial Multiplexing MIMO configuration)						

1.1.3 EUT Information

Operational Condition					
EUT Power Type	From PoE				
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	0.993	0.031	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.932	0.306	1.398m	1k
802.11n HT20	0.926	0.334	1.311m	1k
802.11n HT40	0.85	0.706	652.5u	3k

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 v04
- KDB 662911 D01 v02r01

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	TH01-HY	Tim	24.5°C / 65%	22/Nov/2017
Radiated	03CH09-HY	Andy	22.5°C / 62%	21/Nov/2017
AC Conduction	CO04-HY	Bear	24.3°C / 59%	17/Nov/2017

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 (30MHz ~ 1,000MHz)	2.1 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	2.6 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	2.9 dB	Confidence levels of 95%
Conducted Emission	1.3 dB	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Condition

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

2.2 Test Channel Mode

Test Software Version	MT7603 QA 0.0.1.58

2.3 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	CTX
1	PoE Mode

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	Normal Link
1	2.4G+5G;EUT =Y
2	2.4G+5G;EUT =X
Refer to Sporton Test Report No.: FA7O2609 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.4 Support Equipment

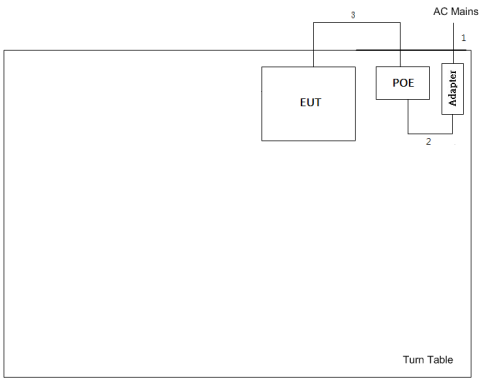
Support Equipment – RF Conducted				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5410	DoC
2	Adapter for NB	DELL	HA65NM130	DoC
3	AC Source	GW	APS-9102	-
4	PoE	D-Link	DWL-P200	-

Support Equipment – Radiated Emission				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	PoE	D-Link	DWL-P200	-
2	AC adapter(PoE)	D-LinK	DSA-0421S-50	-

Support Equipment – AC Conduction				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	PoE	D-Link	DWL-P200	-
2	AC adapter(PoE)	D-LinK	DSA-0421S-50	-

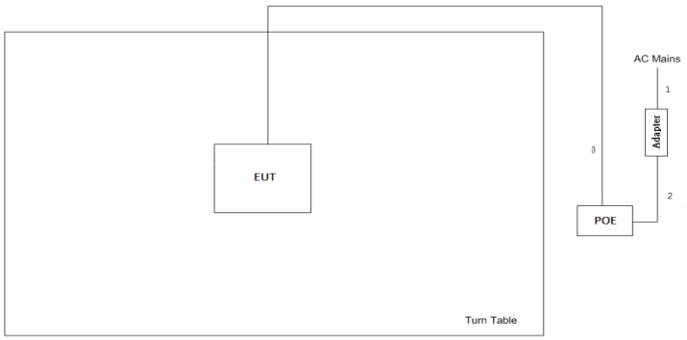
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC power line	No	1m	-
2	DC power line	No	1.5m	-
3	RJ-45 cable	No	1m	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC power line	No	1m	-
2	DC power line	No	1.5m	-
3	RJ-45 cable	No	10m	-

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

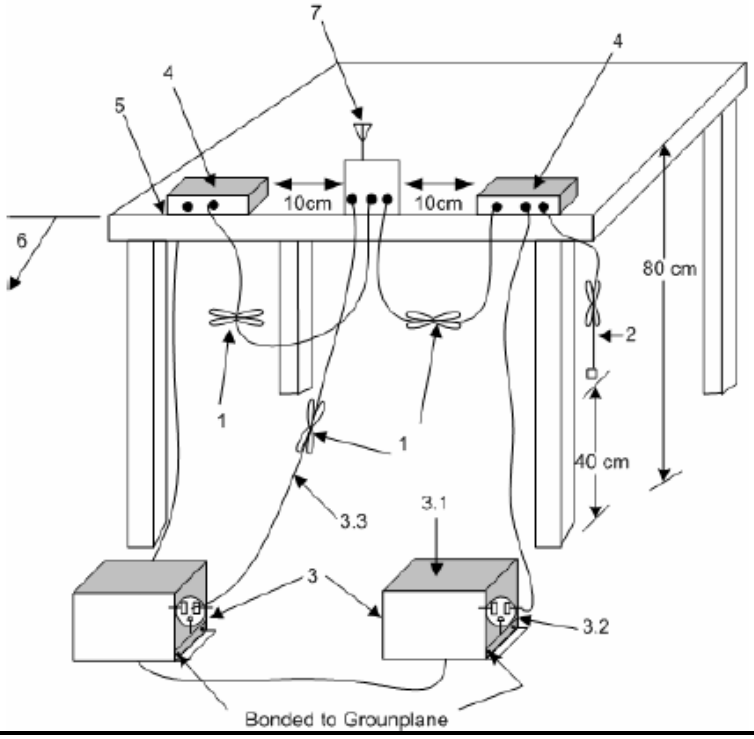
Refer a test equipment and calibration data table in this test report.

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

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

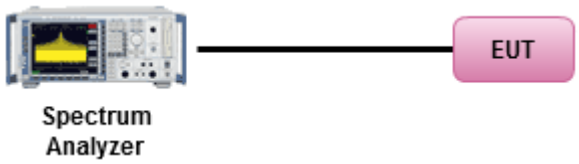
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
▪ For the emission bandwidth shall be measured using one of the options below:	
	☒ Refer as KDB 558074, clause 8.1 Option 1 for 6 dB bandwidth measurement.
	☐ Refer as KDB 558074, clause 8.2 Option 2 for 6 dB bandwidth measurement.
	☐ Refer as RSS-Gen, clause 6.6 for for occupied bandwidth testing.(IC 要記得選)
	☐ Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
▪ Maximum Peak Conducted Output Power	
	☐ Refer as KDB 558074, clause 9.1.1 Option 1 (RBW ≥ EBW method).
	☐ Refer as KDB 558074, clause 9.1.2 Option 2 (integrated band power method)
	☐ Refer as KDB 558074, clause 9.1.3 Option 3 (peak power meter for VBW ≥ DTS BW)
▪ Maximum Average Conducted Output Power	
	Duty cycle ≥ 98%
	☐ Refer as KDB 558074, clause 9.2.2.4 Method AVGSA-2 (spectral trace averaging).
	Duty cycle < 98%
	☐ Refer as KDB 558074, clause 9.2.2.5 Method AVGSA-2 Alt. (slow sweep speed)
	RF power meter and average over on/off periods with duty factor or gated trigger
	☒ Refer as KDB 558074, clause 9.2.3.1 Method AVGPM (using an RF average power meter).
▪ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below: Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

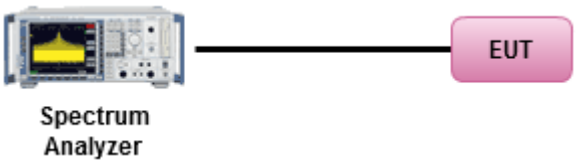
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method		
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).		
	☒ Refer as KDB 558074, clause 10.2 Method PKPSD (RBW=3-100kHz; Detector=peak).	
▪ For conducted measurement.		
	▪ If The EUT supports multiple transmit chains using options given below:	
		▪ Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

Un-restricted Band Emissions Limit	
RF output power procedure	**Limit (dB)**
Peak output power procedure	20
Average output power procedure	30

Note 1: If the peak output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum measured in-band peak 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

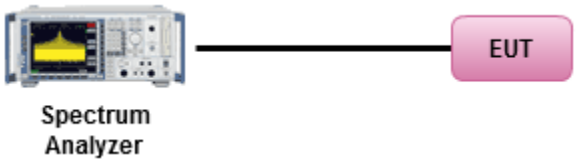
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

Test Method
▪ Refer as KDB 558074, clause 11 for unwanted emissions into non-restricted bands.

3.5.4 Test Setup

Emissions in Non-restricted Frequency Bands



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

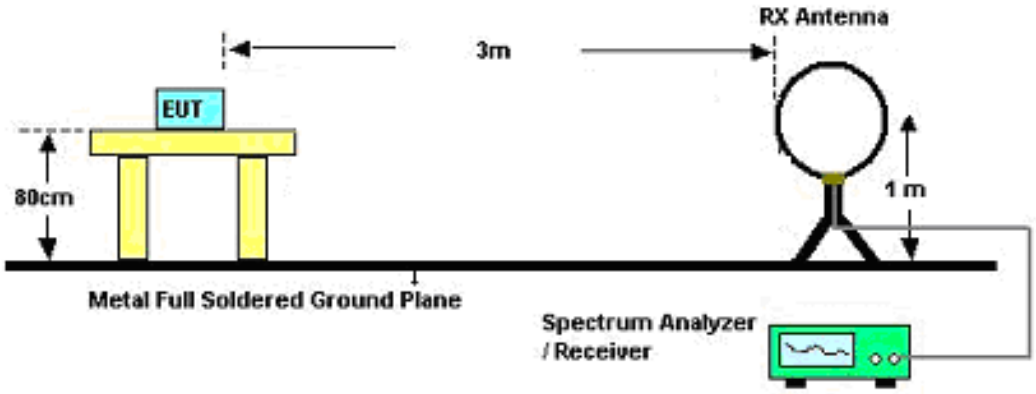
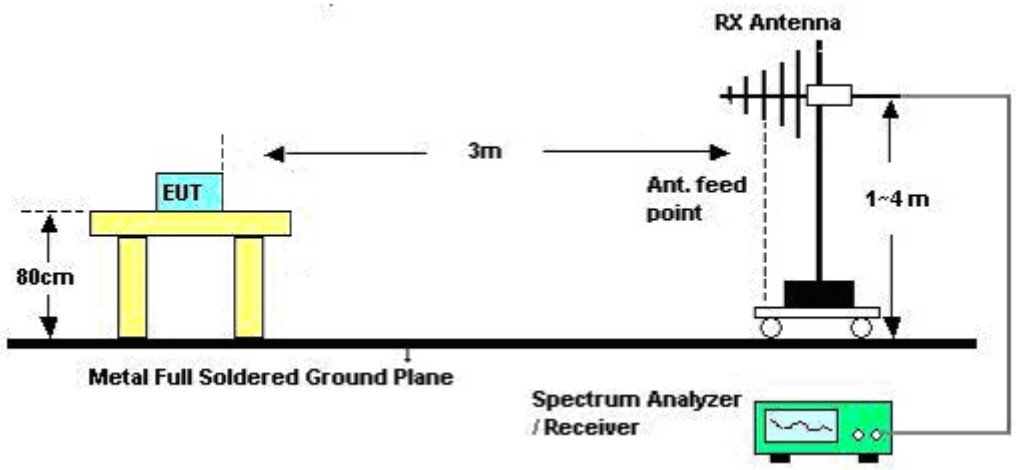
3.6.2 Measuring Instruments

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

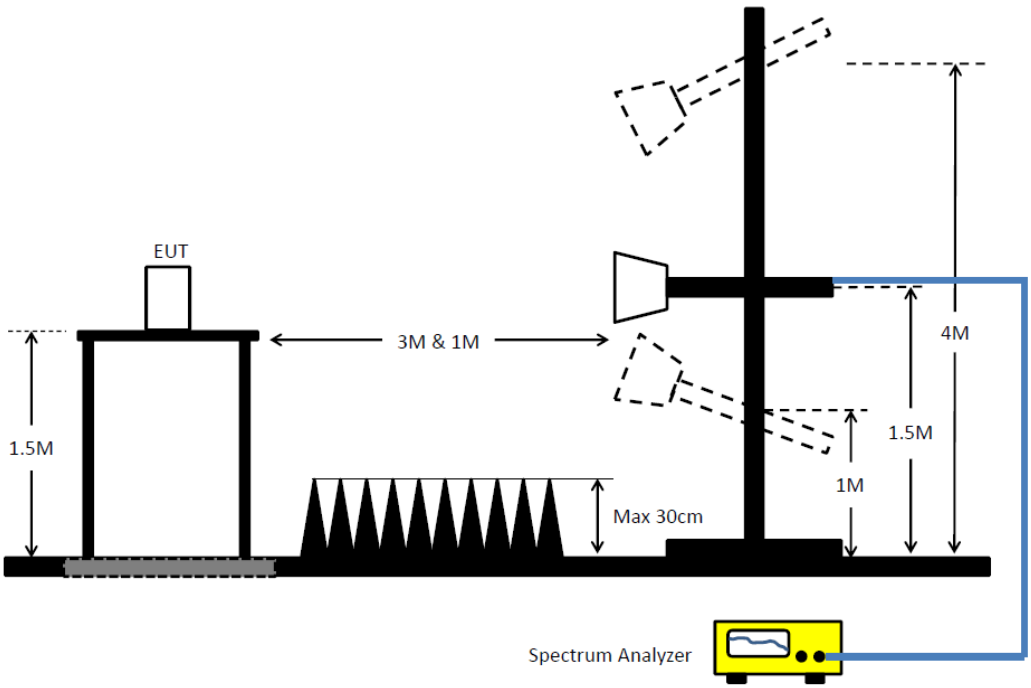
3.6.3 Test Procedures

Test Method
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].
▪ Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.
▪ For the transmitter unwanted emissions shall be measured using following options below:
▪ Refer as KDB 558074, clause 12 for unwanted emissions into restricted bands.
☒ Refer as KDB 558074, clause 12.2.5.3 (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW≥1/T.
☒ Refer as KDB 558074, clause 12.2.4 measurement procedure peak limit.
▪ For the transmitter band-edge emissions shall be measured using following options below:
▪ Refer as KDB 558074 clause 13.1, 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 13.2 (ANSI C63.10, clause 6.10.6) for marker-delta method for band-edge measurements.
▪ Refer as KDB 558074, clause 13.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).
▪ For conducted and cabinet radiation measurement, refer as KDB 558074, clause 12.2.2.
▪ For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB
▪ For KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.

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 F

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMC Receiver	R&S	ESR3	102052	9KHz ~ 3.6GHz	29/Apr/2017	28/Apr/2018
LISN	SCHWARZBECK MESS-ELEKTRONIK	NSLK 8127	8127-477	9kHz ~ 30MHz	14/Feb/2017	13/Feb/2018
RF Cable-CON	HUBER+SUHNER	RG213/U	07611832020001	9kHz ~ 30MHz	06/Oct/2017	05/Oct/2018
LISN (Support Unit)	MessTec	NNB-2/16Z	2001/009	9kHz ~ 30MHz	25/Oct/2017	24/Oct/2018
AC POWER	APC	AFC-11005G	F310050055	47Hz~63Hz 5~300V	NCR	NCR
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9 kHz ~ 30 MHz	12/Oct/2017	11/Oct/2018

NCR : Non-Calibration Require

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz ~ 1GHz	25/Apr/2017	24/Apr/2018
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz ~ 18GHz	28/Jun/2017	27/Jun/2018
Amplifier	Agilent	8449B	3008A02096	1GHz ~ 26.5GHz	25/Apr/2017	24/Apr/2018
Amplifier	EMC	EMC9135	980232	9KHz~1GHz	25/Apr/2017	24/Apr/2018
Spectrum Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz ~ 44GHz	20/Jul/2017	19/Jul/2018
Bilog Antenna	TESEQ	CBL 6111D	35418	30MHz~1GHz	09/Sep/2017	08/Sep/2018
Horn Antenna	SCHWARZBECK	BBHA 9120D	BBHA9120D 1534	1GHz~18GHz	28/Apr/2017	27/Apr/2018
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170614	18GHz ~ 40GHz	06/Feb/2017	05/Feb/2018
Amplifier	MITEQ	JS44-18004000-33-8P	1840917	18GHz ~ 40GHz	06/Feb/2017	05/Feb/2018
Loop Antenna	TESTQ	HLA 6120	31244	9 kHz~30 MHz	02/Mar/2017	01/Mar/2018
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz ~ 1GHz	02/Feb/2017	01/Feb/2018
RF Cable-high	Jye Bao	RG142	03CH09-HY	1GHz ~ 40GHz	02/Feb/2017	01/Feb/2018
Receiver	R&S	ESR3	102052	9KHz ~ 3.6GHz	29/Apr/2017	28/Apr/2018

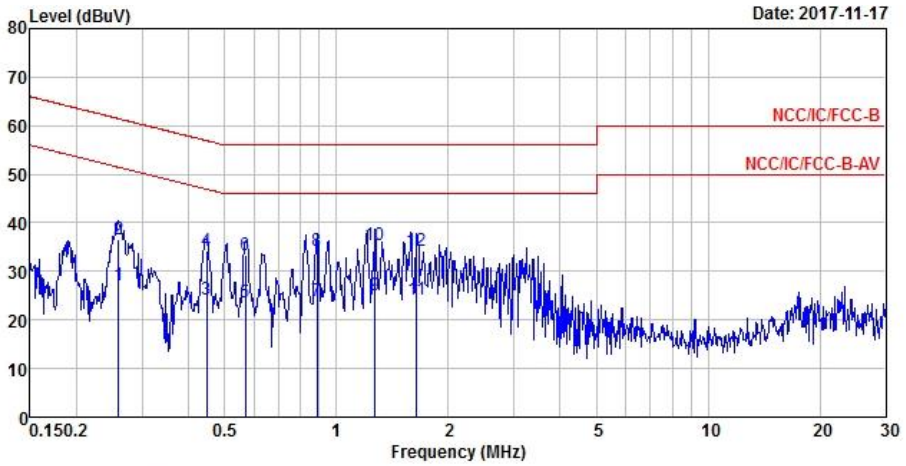
Instrument for Co-location Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSP40	100305	9KHz - 40GHz	30/Dec/2016	29/Dec/2017
3m Semi Anechoic	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz ~ 18GHz	12/Dec/2016	11/Dec/2017
Amplifier	Ketsight	8449B	3008A02373	1GHz-26.5GHz	18/Sep/2017	18/Sep/2018
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA9120D 01531	1GHz-18GHz	11/May/2017	10/May/2018
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170154	18GHz-40GHz	06/Feb/2017	05/Feb/2018
Receiver	R&S	ESU3	102052	9kHz ~ 3.6GHz	29/Apr/2017	28/Apr/2018
RF Cable-high	SUHNER	SUCOFLEX104	MY34918/4	1GHz ~ 40GHz	26/Jan/2017	25/Jan/2018

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101515	9kHz~40GHz	26/Nov/2016	25/Nov/2017
Power Sensor	Anritsu	MA2411B	1339407	300MHz ~ 40GHz	06/Nov/2017	05/Nov/2018
Power Meter	Anritsu	ML2495A	1517010	300MHz ~ 40GHz	06/Nov/2017	05/Nov/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10710/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10709/4	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
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	27/Jul/2017	26/Jul/2018

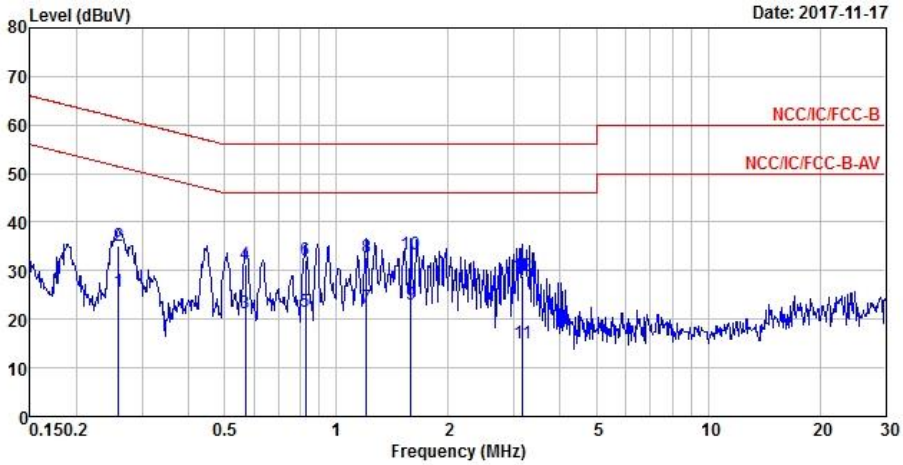
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	PoE Mode		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.25888	27.03	-24.44	51.47	26.96	0.03	0.04	Average
2	0.25888	36.62	-24.85	61.47	36.55	0.03	0.04	QP
3	0.44679	24.21	-22.72	46.93	24.09	0.03	0.09	Average
4	0.44679	34.14	-22.79	56.93	34.02	0.03	0.09	QP
5	0.57010	23.50	-22.50	46.00	23.40	0.04	0.06	Average
6	0.57010	33.44	-22.56	56.00	33.34	0.04	0.06	QP
7	0.88499	24.02	-21.98	46.00	23.96	0.05	0.01	Average
8	0.88499	34.24	-21.76	56.00	34.18	0.05	0.01	QP
9	1.26884	25.21	-20.79	46.00	25.16	0.05	0.00	Average
10 MAX	1.26884	35.47	-20.53	56.00	35.42	0.05	0.00	QP
11	1.64497	24.29	-21.71	46.00	24.23	0.06	0.00	Average
12	1.64497	34.27	-21.73	56.00	34.21	0.06	0.00	QP

Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Line
Operating Function	PoE Mode		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.25888	25.55	-25.92	51.47	25.44	0.07	0.04	Average
2	0.25888	35.01	-26.46	61.47	34.90	0.07	0.04	QP
3	0.57010	21.27	-24.73	46.00	21.13	0.08	0.06	Average
4	0.57010	31.17	-24.83	56.00	31.03	0.08	0.06	QP
5	0.82608	21.67	-24.33	46.00	21.56	0.09	0.02	Average
6	0.82608	32.05	-23.95	56.00	31.94	0.09	0.02	QP
7	1.20336	22.36	-23.64	46.00	22.26	0.10	0.00	Average
8	1.20336	32.76	-23.24	56.00	32.66	0.10	0.00	QP
9	1.58507	22.97	-23.03	46.00	22.86	0.11	0.00	Average
10 MAX	1.58507	33.38	-22.62	56.00	33.27	0.11	0.00	QP
11	3.17311	15.03	-30.97	46.00	14.82	0.15	0.06	Average
12	3.17311	28.95	-27.05	56.00	28.74	0.15	0.06	QP

Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	10.025M	14.868M	14M9G1D	9.55M	14.243M
802.11g_Nss1,(6Mbps)_2TX	15.05M	16.667M	16M7D1D	15.025M	16.317M
802.11n HT20_Nss1,(MCS0)_2TX	15.375M	17.791M	17M8D1D	13.15M	17.516M
802.11n HT40_Nss1,(MCS0)_2TX	35.1M	35.982M	36M0D1D	33.75M	35.782M

Max-N dB = Maximum 6dB down bandwidth; **Max-OBW** = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; **Min-OBW** = Minimum 99% occupied bandwidth;

Result

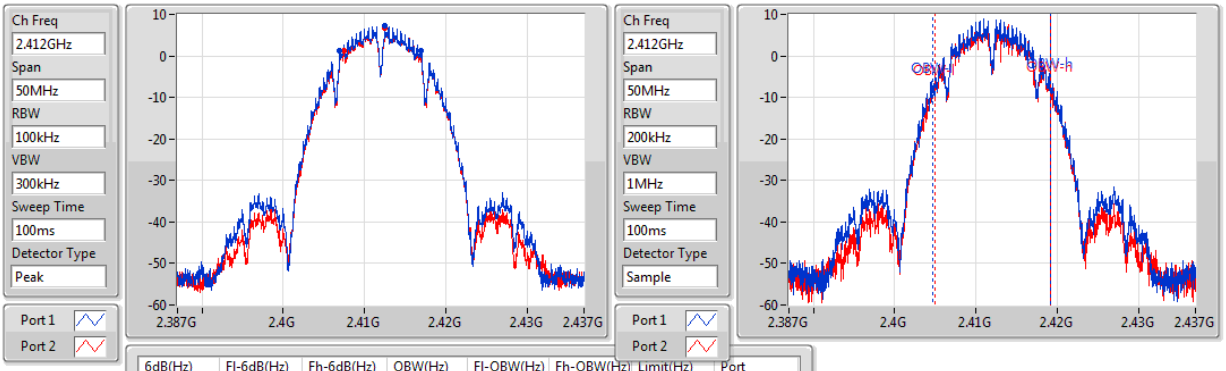
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	10.025M	14.393M	9.55M	14.243M
2437MHz	Pass	500k	10.025M	14.318M	10.025M	14.343M
2462MHz	Pass	500k	10.025M	14.868M	10.025M	14.468M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.05M	16.317M	15.05M	16.342M
2437MHz	Pass	500k	15.05M	16.667M	15.025M	16.492M
2462MHz	Pass	500k	15.05M	16.367M	15.05M	16.342M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.075M	17.541M	14.4M	17.516M
2437MHz	Pass	500k	13.15M	17.791M	15.375M	17.666M
2462MHz	Pass	500k	15.1M	17.566M	15.025M	17.541M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	35.05M	35.832M	33.75M	35.882M
2437MHz	Pass	500k	35.1M	35.832M	34.95M	35.932M
2452MHz	Pass	500k	35M	35.782M	35.05M	35.982M

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

802.11b_Nss1,(1Mbps)_2TX — EBW

2412MHz

07/11/2017

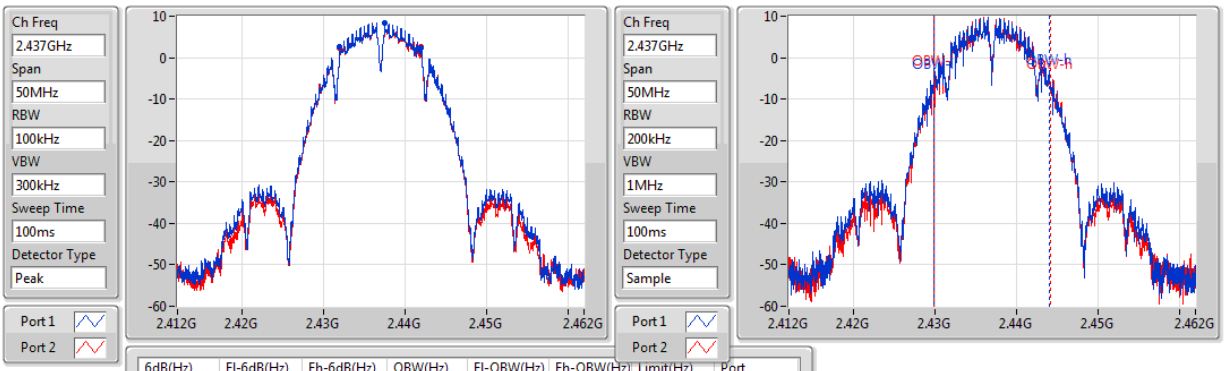


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.025M	2.406975G	2.417G	14.393M	2.404754G	2.419146G	500k	1
9.55M	2.40745G	2.417G	14.243M	2.404904G	2.419146G	500k	2

802.11b_Nss1,(1Mbps)_2TX — EBW

2437MHz

07/11/2017

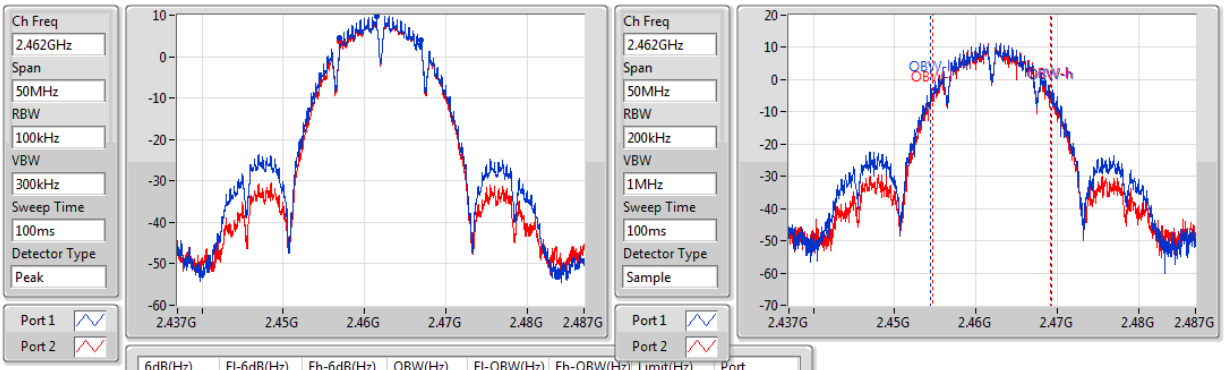


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.025M	2.431975G	2.442G	14.318M	2.429779G	2.444096G	500k	1
10.025M	2.431975G	2.442G	14.343M	2.429854G	2.444196G	500k	2

802.11b_Nss1,(1Mbps)_2TX — EBW

2462MHz

22/11/2017

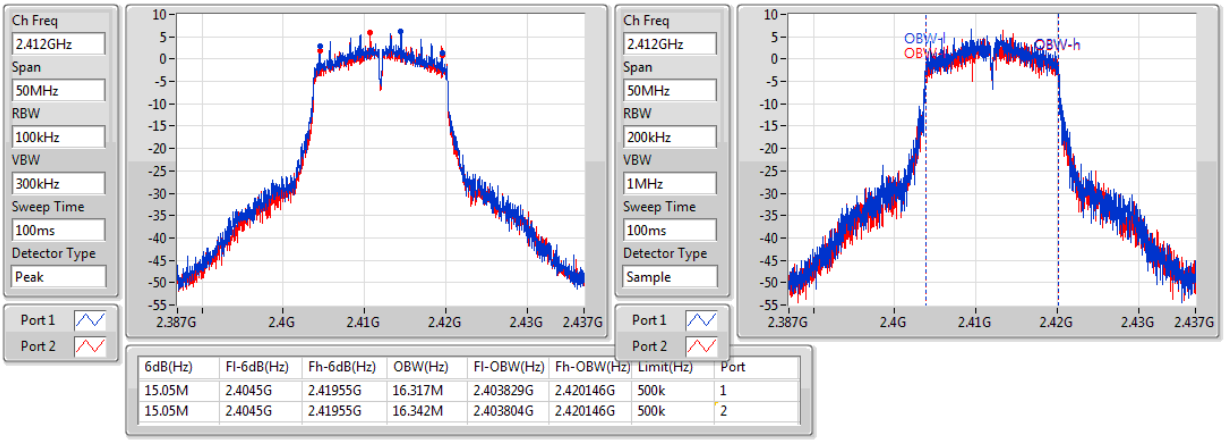


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.025M	2.456975G	2.467G	14.868M	2.454479G	2.469346G	500k	1
10.025M	2.456975G	2.467G	14.468M	2.454754G	2.469221G	500k	2

802.11g_Nss1,(6Mbps)_2TX — EBW

2412MHz

07/11/2017

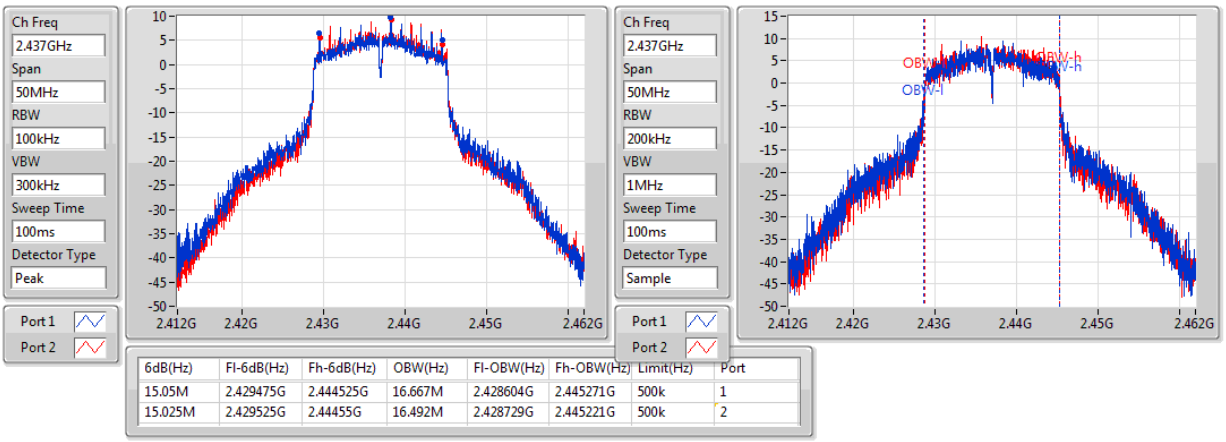


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.05M	2.4045G	2.41955G	16.317M	2.403829G	2.420146G	500k	1
15.05M	2.4045G	2.41955G	16.342M	2.403804G	2.420146G	500k	2

802.11g_Nss1,(6Mbps)_2TX — EBW

2437MHz

22/11/2017

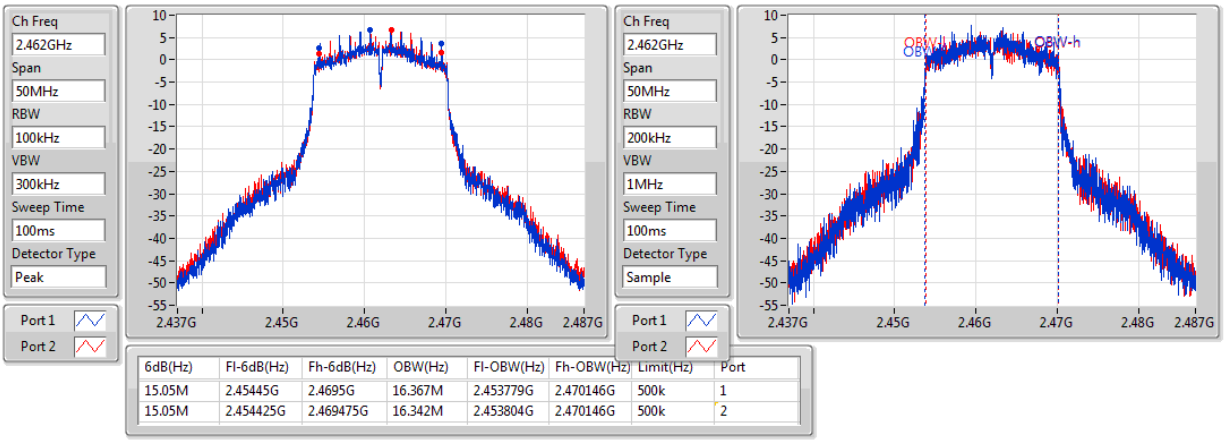


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.05M	2.429475G	2.444525G	16.667M	2.428604G	2.445271G	500k	1
15.025M	2.429525G	2.44455G	16.492M	2.428729G	2.445221G	500k	2

802.11g_Nss1,(6Mbps)_2TX — EBW

2462MHz

07/11/2017

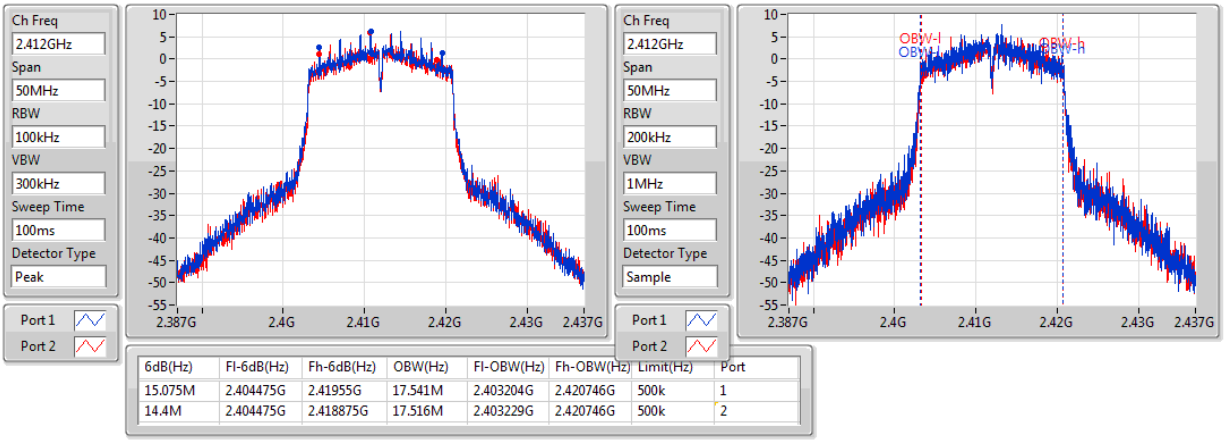


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.05M	2.45445G	2.4695G	16.367M	2.453779G	2.470146G	500k	1
15.05M	2.454425G	2.469475G	16.342M	2.453804G	2.470146G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

2412MHz

07/11/2017

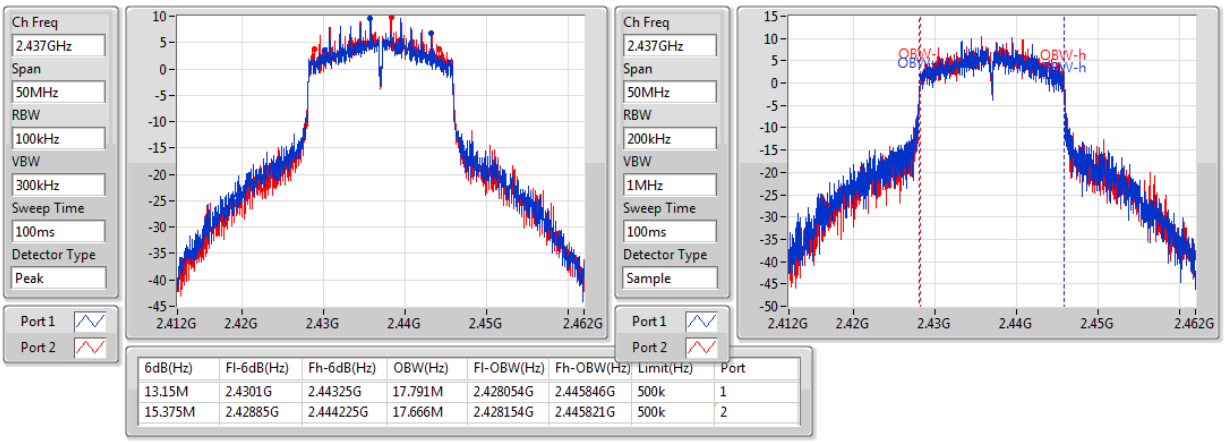


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.075M	2.404475G	2.41955G	17.541M	2.403204G	2.420746G	500k	1
14.4M	2.404475G	2.418875G	17.516M	2.403229G	2.420746G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

2437MHz

22/11/2017

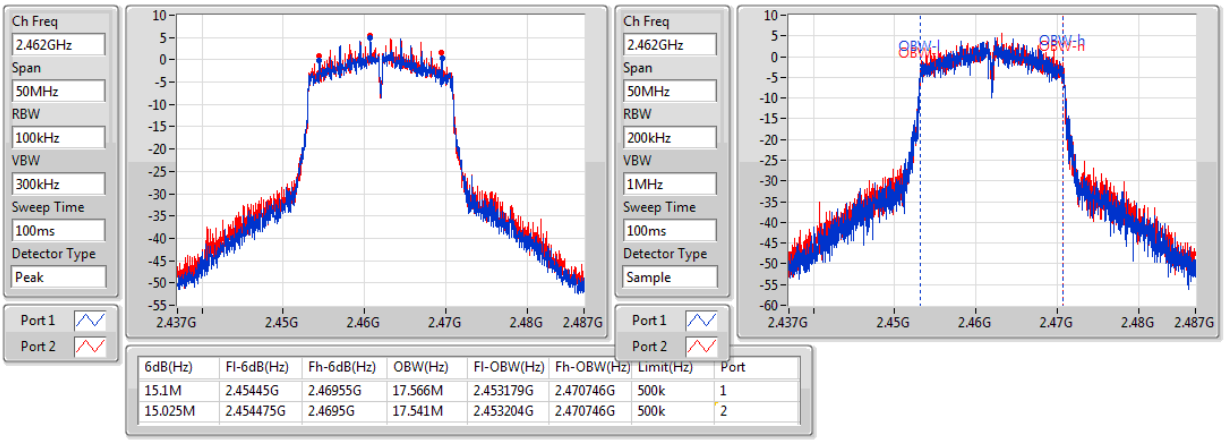


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
13.15M	2.4301G	2.44325G	17.791M	2.428054G	2.445846G	500k	1
15.375M	2.42885G	2.444225G	17.666M	2.428154G	2.445821G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

2462MHz

07/11/2017

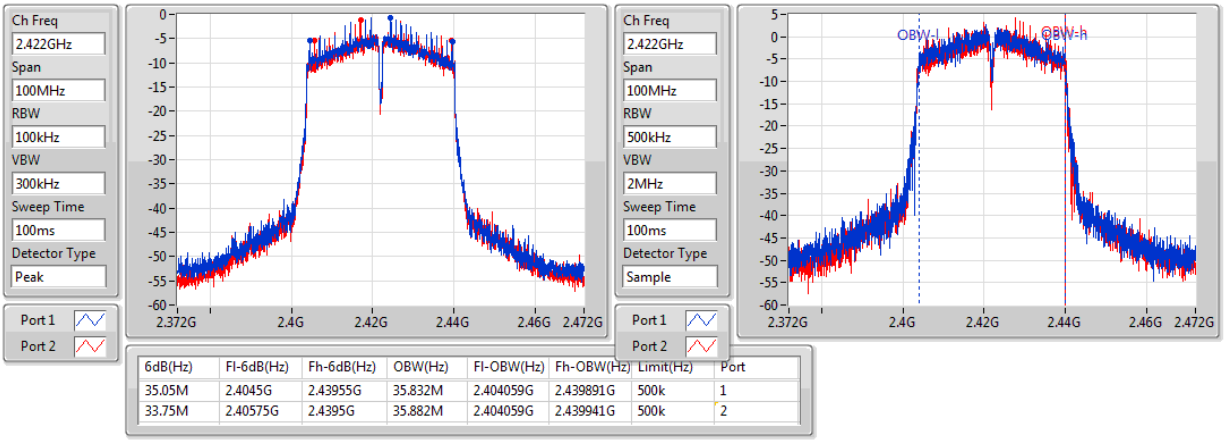


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.1M	2.45445G	2.46955G	17.566M	2.453179G	2.470746G	500k	1
15.025M	2.454475G	2.4695G	17.541M	2.453204G	2.470746G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2422MHz

07/11/2017

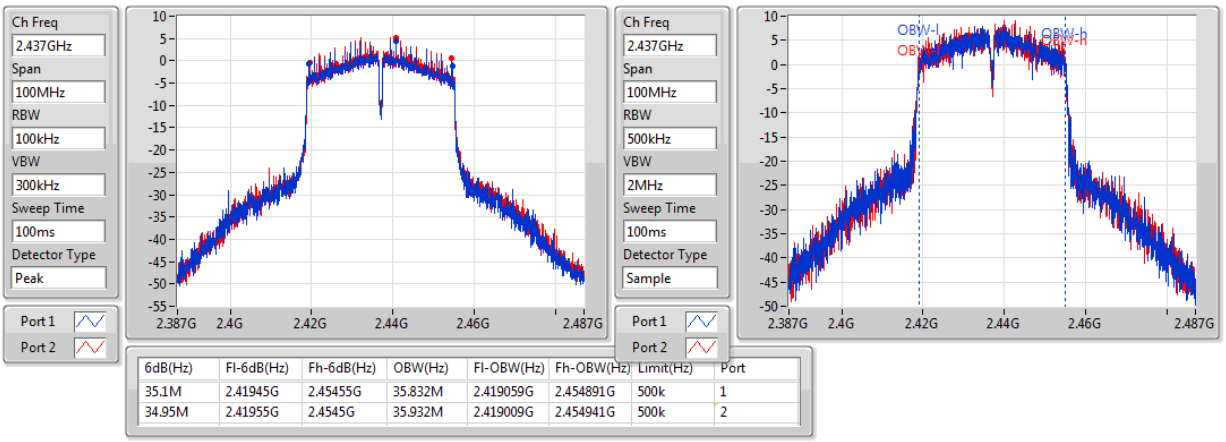


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.05M	2.4045G	2.43955G	35.832M	2.404059G	2.439891G	500k	1
33.75M	2.40575G	2.4395G	35.882M	2.404059G	2.439941G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2437MHz

07/11/2017

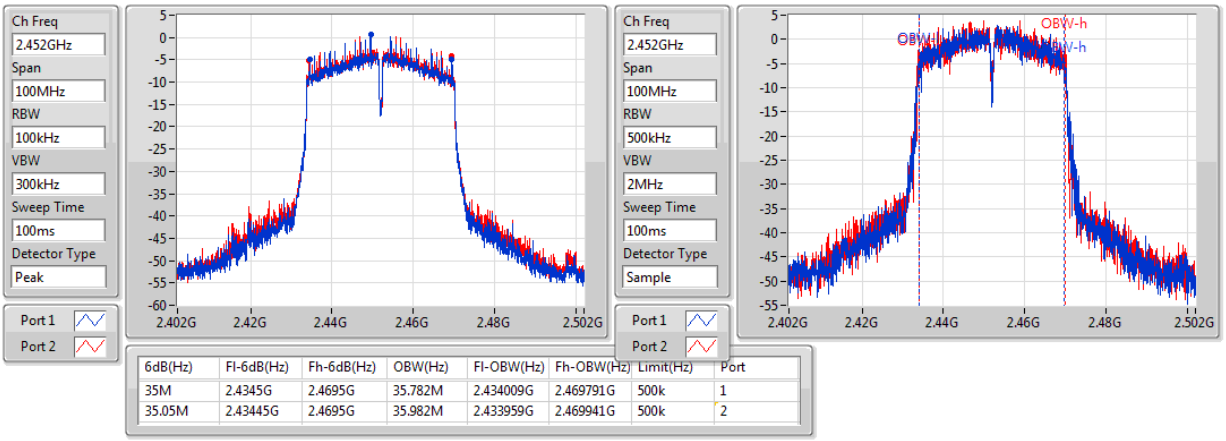


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.1M	2.41945G	2.45455G	35.832M	2.419059G	2.454891G	500k	1
34.95M	2.41955G	2.4545G	35.932M	2.419009G	2.454941G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2452MHz

07/11/2017



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35M	2.4345G	2.4695G	35.782M	2.434009G	2.469791G	500k	1
35.05M	2.43445G	2.4695G	35.982M	2.433959G	2.469941G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	22.92	0.19588
802.11g_Nss1,(6Mbps)_2TX	22.96	0.19770
802.11n HT20_Nss1,(MCS0)_2TX	22.98	0.19861
802.11n HT40_Nss1,(MCS0)_2TX	20.95	0.12445

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.80	17.40	16.82	20.13	30.00
2437MHz	Pass	2.80	18.47	18.29	21.39	30.00
2462MHz	Pass	2.80	20.11	19.71	22.92	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.80	16.45	15.84	19.17	30.00
2437MHz	Pass	2.80	19.81	20.08	22.96	30.00
2462MHz	Pass	2.80	17.34	17.32	20.34	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.80	16.38	16.26	19.33	30.00
2437MHz	Pass	2.80	19.73	20.19	22.98	30.00
2462MHz	Pass	2.80	15.20	15.29	18.26	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	2.80	11.88	11.15	14.54	30.00
2437MHz	Pass	2.80	17.89	17.99	20.95	30.00
2452MHz	Pass	2.80	12.90	12.96	15.94	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-5.16
802.11g_Nss1,(6Mbps)_2TX	-5.12
802.11n HT20_Nss1,(MCS0)_2TX	-2.69
802.11n HT40_Nss1,(MCS0)_2TX	-8.35

RBW=3kHz.

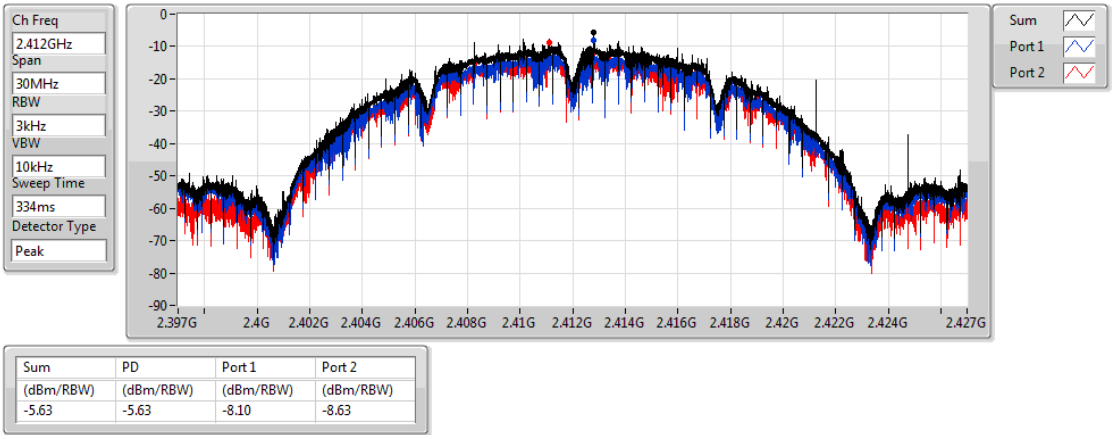
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.81	-8.10	-8.63	-5.63	8.00
2437MHz	Pass	5.81	-7.91	-7.31	-6.04	8.00
2462MHz	Pass	5.81	-7.22	-6.42	-5.16	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.81	-10.83	-11.97	-8.84	8.00
2437MHz	Pass	5.81	-7.05	-7.00	-5.12	8.00
2462MHz	Pass	5.81	-9.88	-9.33	-7.79	8.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.81	-9.67	-10.92	-7.53	8.00
2437MHz	Pass	5.81	-6.95	-3.27	-2.69	8.00
2462MHz	Pass	5.81	-11.86	-11.57	-9.45	8.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.81	-17.62	-17.09	-15.15	8.00
2437MHz	Pass	5.81	-11.00	-10.66	-8.35	8.00
2452MHz	Pass	5.81	-16.71	-16.43	-14.38	8.00

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

802.11b_Nss1,(1Mbps)_2TX PSD

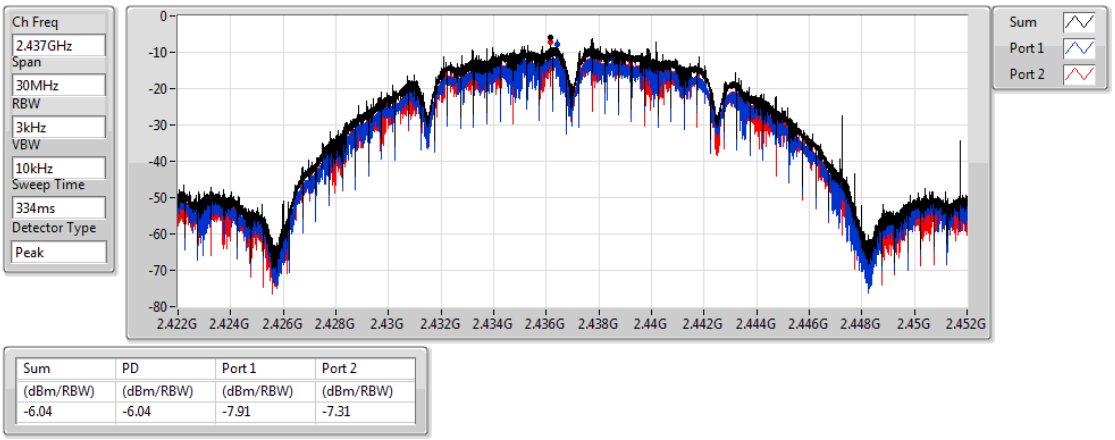
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.63	-5.63	-8.10	-8.63

802.11b_Nss1,(1Mbps)_2TX PSD

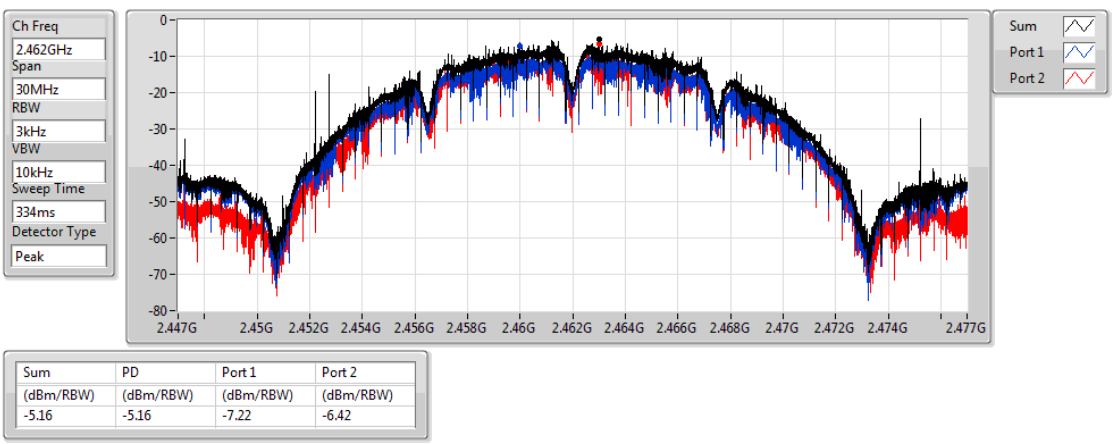
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.04	-6.04	-7.91	-7.31

802.11b_Nss1,(1Mbps)_2TX PSD

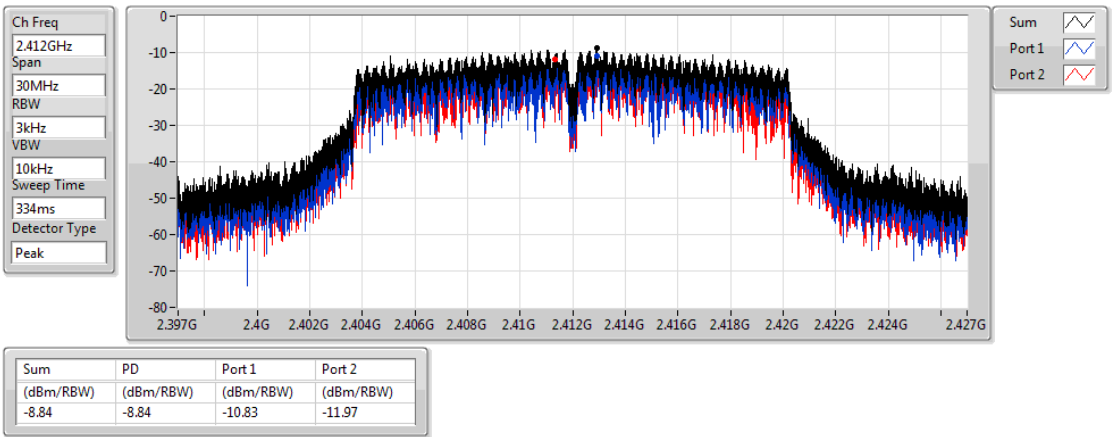
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.16	-5.16	-7.22	-6.42

802.11g_Nss1,(6Mbps)_2TX PSD

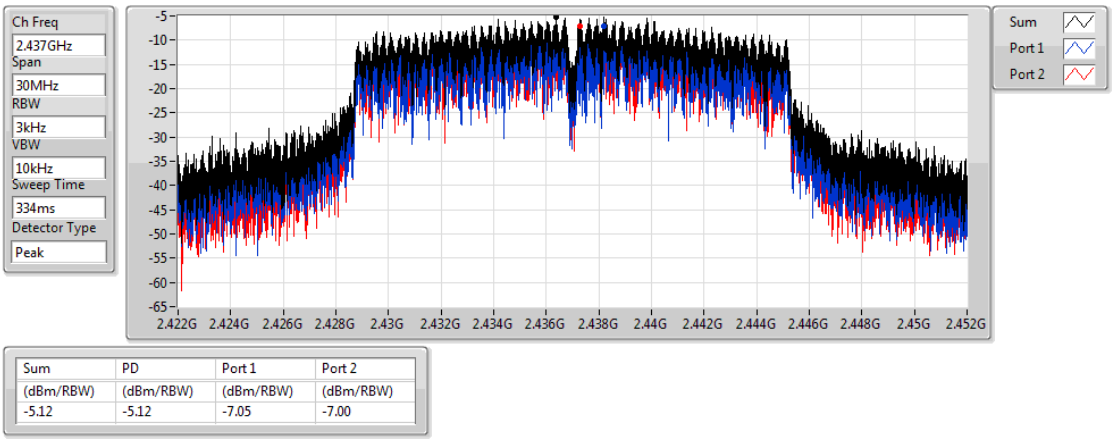
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.84	-8.84	-10.83	-11.97

802.11g_Nss1,(6Mbps)_2TX PSD

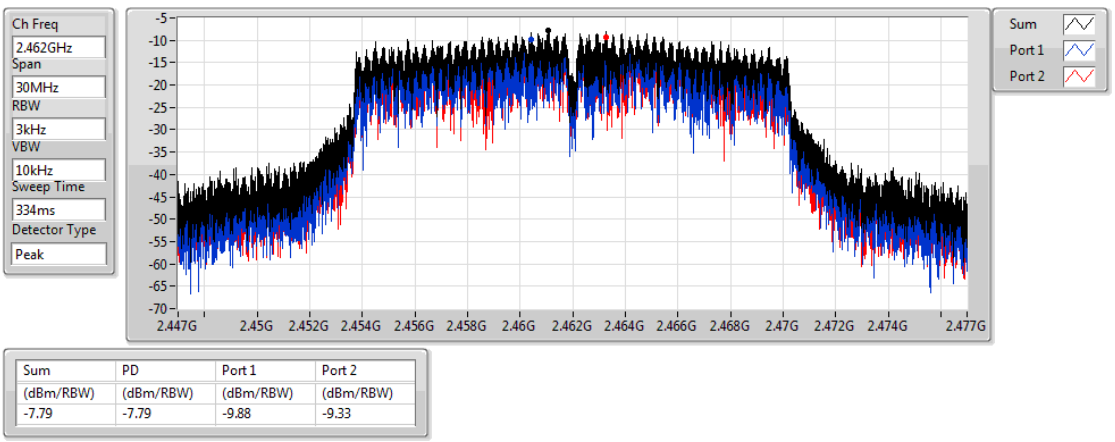
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.12	-5.12	-7.05	-7.00

802.11g_Nss1,(6Mbps)_2TX PSD

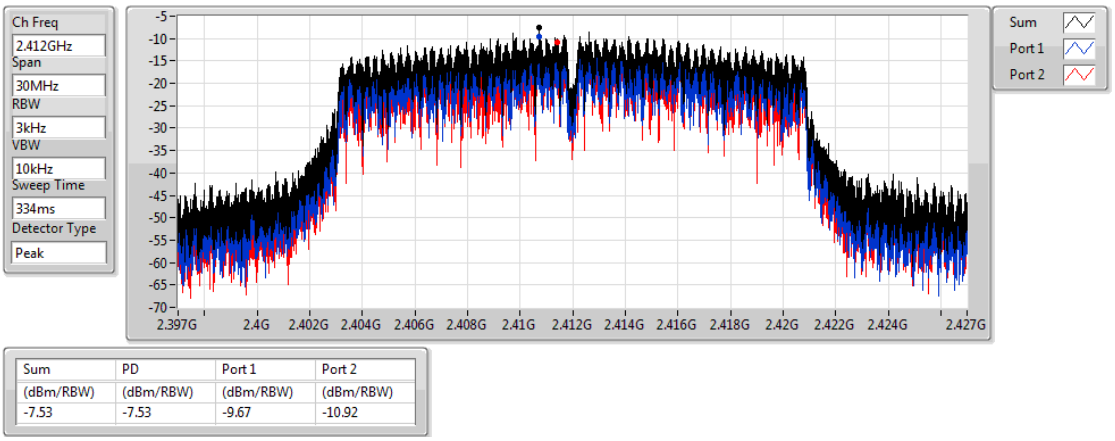
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.79	-7.79	-9.88	-9.33

802.11n HT20_Nss1,(MCS0)_2TX PSD

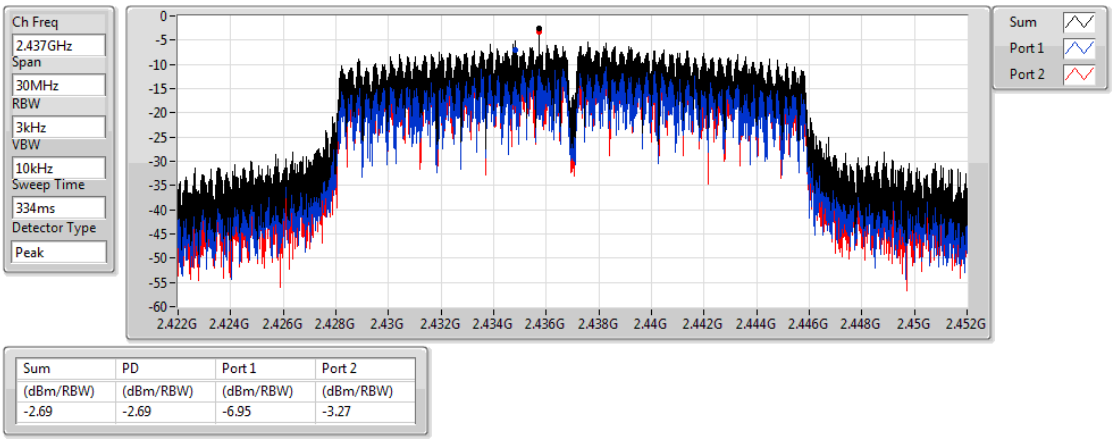
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.53	-7.53	-9.67	-10.92

802.11n HT20_Nss1,(MCS0)_2TX PSD

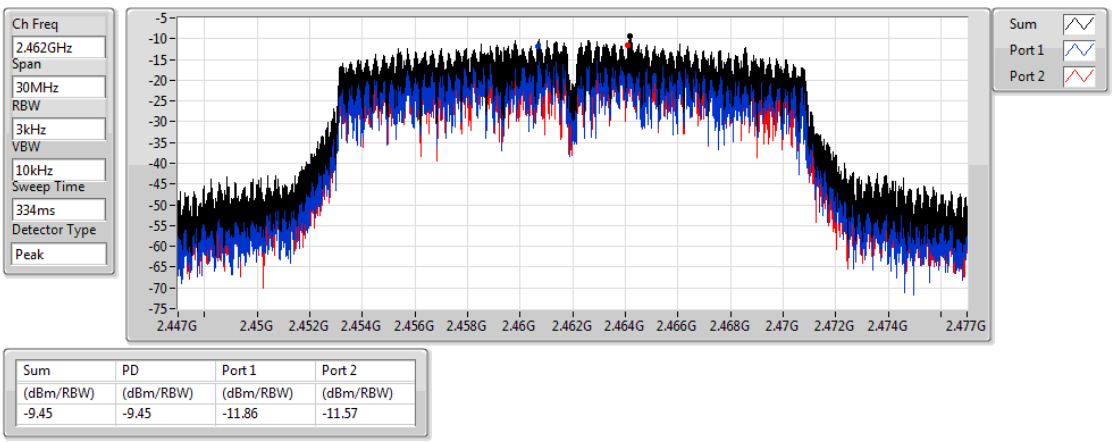
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.69	-2.69	-6.95	-3.27

802.11n HT20_Nss1,(MCS0)_2TX PSD

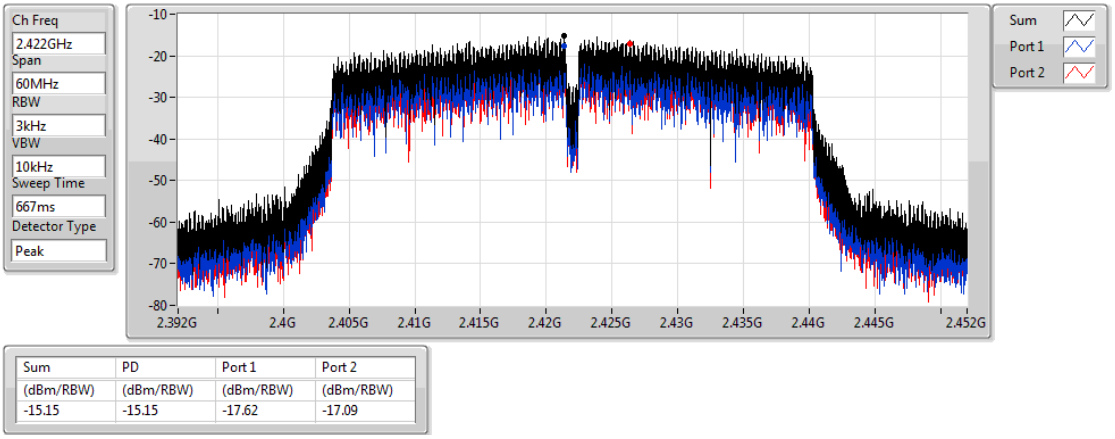
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.45	-9.45	-11.86	-11.57

802.11n HT40_Nss1,(MCS0)_2TX PSD

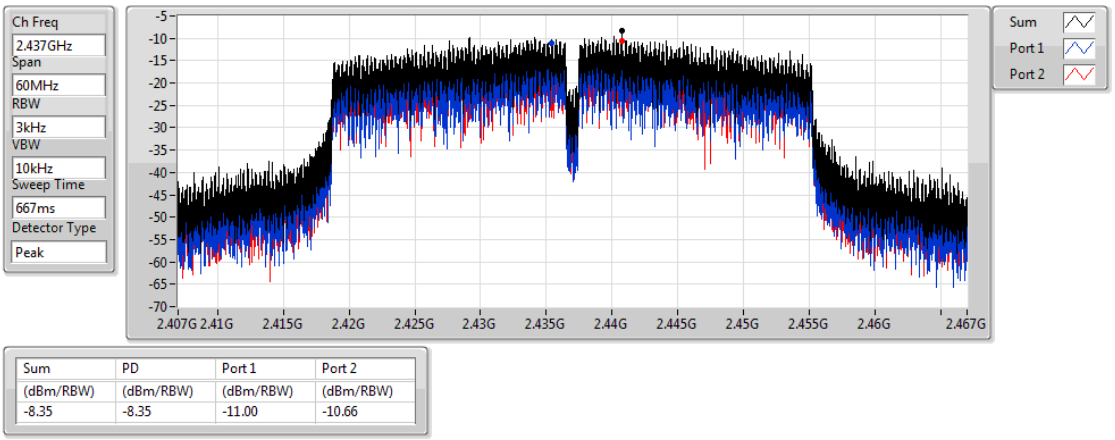
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-15.15	-15.15	-17.62	-17.09

802.11n HT40_Nss1,(MCS0)_2TX PSD

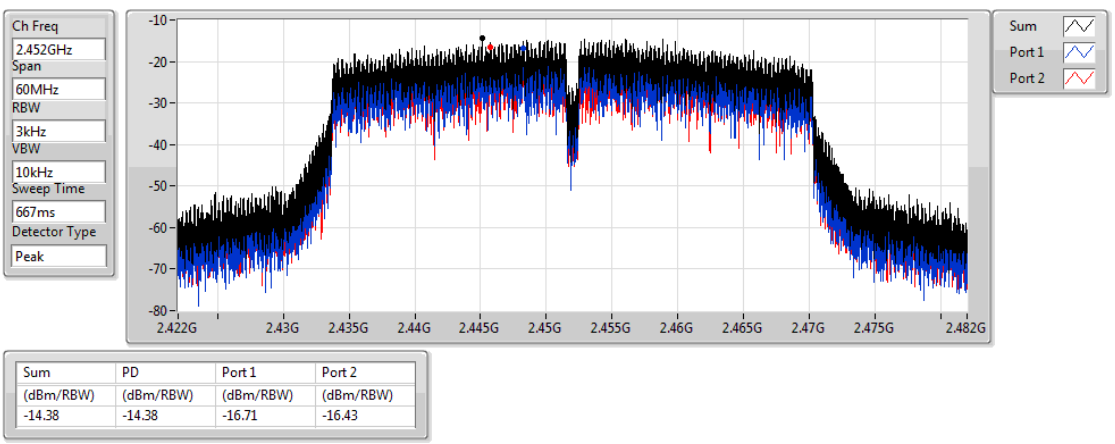
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.35	-8.35	-11.00	-10.66

802.11n HT40_Nss1,(MCS0)_2TX PSD

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-14.38	-14.38	-16.71	-16.43

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)_2TX	Pass	2.461122G	10.65	-19.35	2.307575G	-61.13	2.39704G	-32.77	2.49982G	-52.69	5.260014G	-47.27	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.435738G	12.64	-17.36	2.30874G	-55.37	2.39992G	-27.29	2.49766G	-49.43	15.326676G	-52.50	2
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.435738G	10.79	-19.21	2.309905G	-56.57	2.39984G	-27.46	2.50326G	-51.49	15.082244G	-53.41	1
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.434402G	5.43	-24.57	2.30168G	-58.83	2.39968G	-32.04	2.5019G	-46.48	24.441892G	-53.19	1

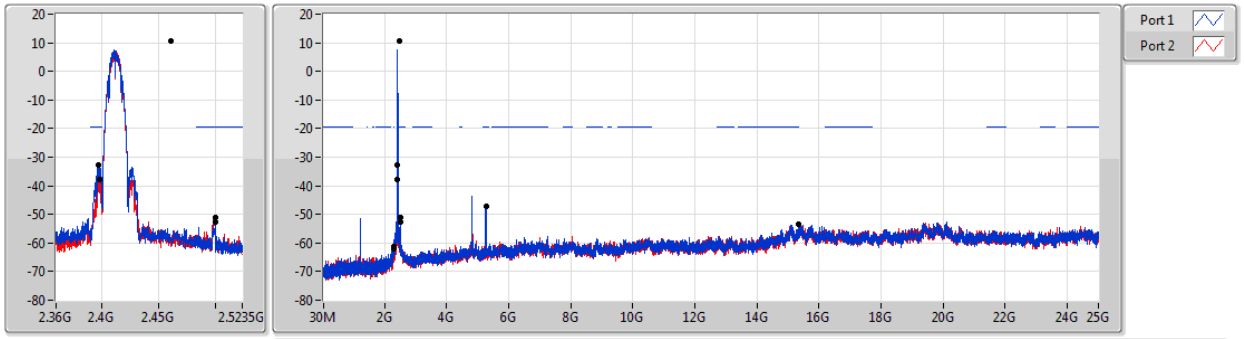
Result

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)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.461122G	10.65	-19.35	2.307575G	-61.13	2.39704G	-32.77	2.49982G	-52.69	5.260014G	-47.27	1
2412MHz	Pass	2.461122G	10.65	-19.35	2.309905G	-62.17	2.39856G	-37.81	2.4999G	-50.92	15.335105G	-53.44	2
2437MHz	Pass	2.461122G	10.65	-19.35	2.309905G	-59.85	2.39152G	-51.78	2.4999G	-51.72	24.440897G	-54.11	1
2437MHz	Pass	2.461122G	10.65	-19.35	2.300585G	-63.98	2.392G	-55.31	2.4999G	-49.70	24.499898G	-54.01	2
2462MHz	Pass	2.461122G	10.65	-19.35	2.30874G	-60.94	2.39808G	-53.79	2.48846G	-46.98	15.332295G	-53.29	1
2462MHz	Pass	2.461122G	10.65	-19.35	2.302915G	-61.63	2.39912G	-51.53	2.48894G	-45.65	5.240347G	-50.81	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.435738G	12.64	-17.36	2.302915G	-57.64	2.39872G	-27.58	2.50326G	-51.34	5.268443G	-40.53	1
2412MHz	Pass	2.435738G	12.64	-17.36	2.30874G	-55.37	2.39992G	-27.29	2.49766G	-49.43	15.326676G	-52.50	2
2437MHz	Pass	2.435738G	12.64	-17.36	424.935M	-52.76	2.39864G	-47.90	2.48454G	-48.77	5.276871G	-37.77	1
2437MHz	Pass	2.435738G	12.64	-17.36	2.309905G	-58.85	2.39928G	-41.82	2.48414G	-46.15	15.093483G	-53.85	2
2462MHz	Pass	2.435738G	12.64	-17.36	2.302915G	-60.07	2.39832G	-50.57	2.48358G	-43.36	24.536422G	-53.77	1
2462MHz	Pass	2.435738G	12.64	-17.36	2.300585G	-60.64	2.39328G	-50.66	2.48382G	-39.55	15.346343G	-51.30	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.435738G	10.79	-19.21	2.309905G	-56.57	2.39984G	-27.46	2.50326G	-51.49	15.082244G	-53.41	1
2412MHz	Pass	2.435738G	10.79	-19.21	2.300585G	-55.18	2.39984G	-28.03	2.49766G	-49.10	5.212251G	-51.42	2
2437MHz	Pass	2.435738G	10.79	-19.21	2.309905G	-58.83	2.39976G	-46.39	2.48422G	-48.06	15.096292G	-52.65	1
2437MHz	Pass	2.435738G	10.79	-19.21	2.309905G	-58.93	2.3996G	-39.79	2.48598G	-43.60	2.5235G	-54.22	2
2462MHz	Pass	2.435738G	10.79	-19.21	2.30874G	-61.15	2.39864G	-52.54	2.48358G	-45.49	15.079435G	-51.88	1
2462MHz	Pass	2.435738G	10.79	-19.21	2.307575G	-59.52	2.3908G	-47.66	2.4839G	-44.41	15.346343G	-53.06	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.434402G	5.43	-24.57	2.307405G	-58.84	2.3984G	-39.17	2.49982G	-53.35	15.060631G	-53.28	1
2422MHz	Pass	2.434402G	5.43	-24.57	2.30397G	-61.97	2.3992G	-41.16	2.49758G	-51.74	24.444697G	-53.82	2
2437MHz	Pass	2.434402G	5.43	-24.57	2.30168G	-58.83	2.39968G	-32.04	2.5019G	-46.48	24.441892G	-53.19	1
2437MHz	Pass	2.434402G	5.43	-24.57	2.30855G	-58.53	2.3992G	-33.92	2.48382G	-43.71	24.439088G	-54.04	2
2452MHz	Pass	2.434402G	5.43	-24.57	2.30168G	-58.20	2.39696G	-52.32	2.48382G	-46.38	15.083067G	-53.72	1
2452MHz	Pass	2.434402G	5.43	-24.57	2.30397G	-59.16	2.39808G	-53.36	2.48814G	-44.66	15.299018G	-54.07	2

802.11b_Nss1,(1Mbps)_2TX **CSE NdB**

2412MHz

07/11/2017

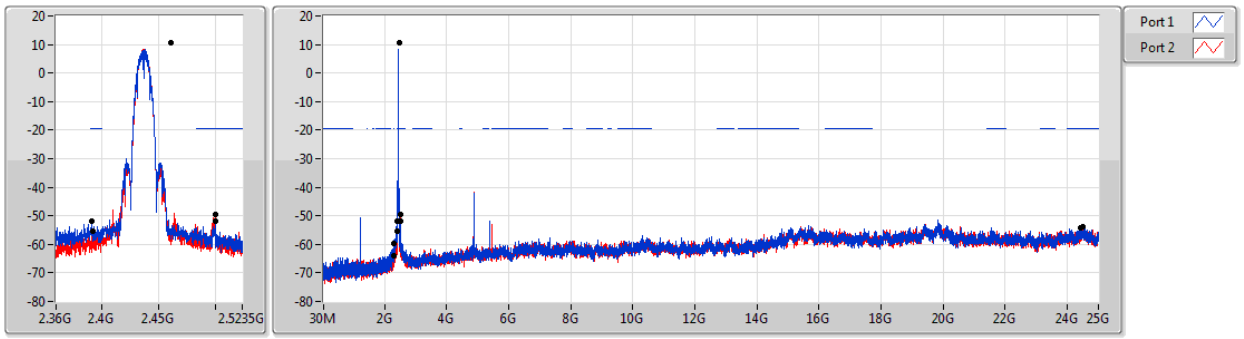


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.461122G	10.65	-19.35	2.307575G	-61.13	2.39704G	-32.77	2.49982G	-52.69	5.260014G	-47.27	1
2.461122G	10.65	-19.35	2.309905G	-62.17	2.39856G	-37.81	2.4999G	-50.92	15.335105G	-53.44	2

802.11b_Nss1,(1Mbps)_2TX **CSE NdB**

2437MHz

07/11/2017

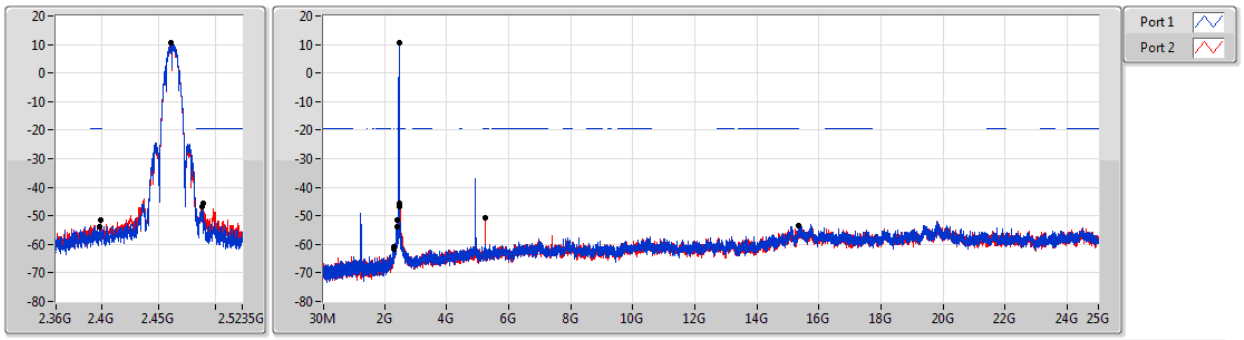


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.461122G	10.65	-19.35	2.309905G	-59.85	2.39152G	-51.78	2.4999G	-51.72	24.440897G	-54.11	1
2.461122G	10.65	-19.35	2.300585G	-63.98	2.392G	-55.31	2.4999G	-49.70	24.499898G	-54.01	2

802.11b_Nss1,(1Mbps)_2TX **CSE NdB**

2462MHz

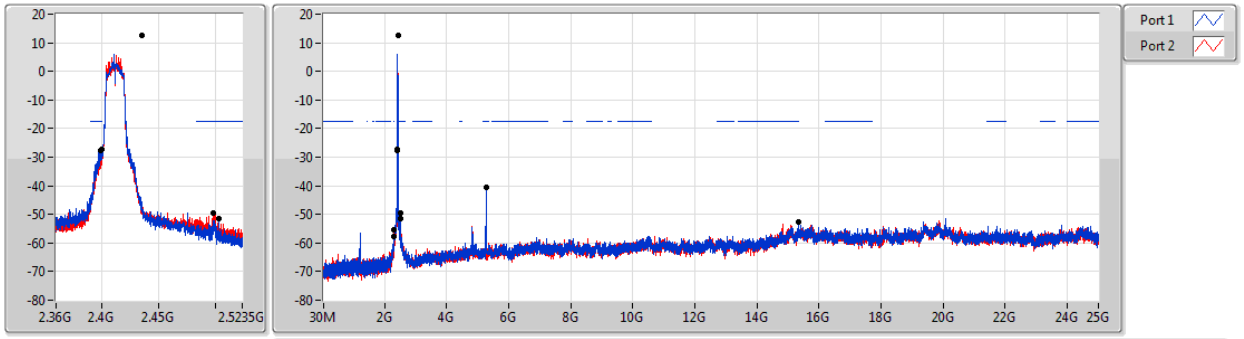
07/11/2017



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.461122G	10.65	-19.35	2.30874G	-60.94	2.39808G	-53.79	2.48846G	-46.98	15.332295G	-53.29	1
2.461122G	10.65	-19.35	2.302915G	-61.63	2.39912G	-51.53	2.48894G	-45.65	5.240347G	-50.81	2

802.11g_Nss1,(6Mbps)_2TX **CSE NdB**

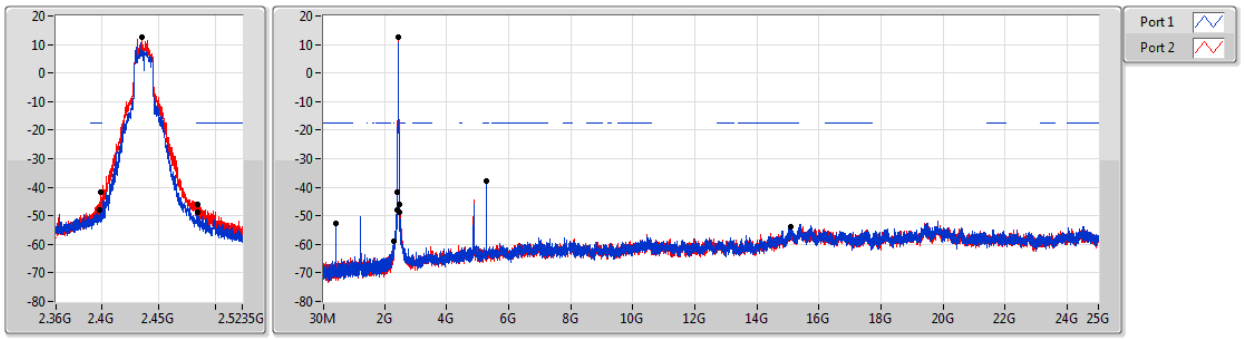
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435738G	12.64	-17.36	2.302915G	-57.64	2.39872G	-27.58	2.50326G	-51.34	5.268443G	-40.53	1
2.435738G	12.64	-17.36	2.30874G	-55.37	2.39992G	-27.29	2.49766G	-49.43	15.326676G	-52.50	2

802.11g_Nss1,(6Mbps)_2TX **CSE NdB**

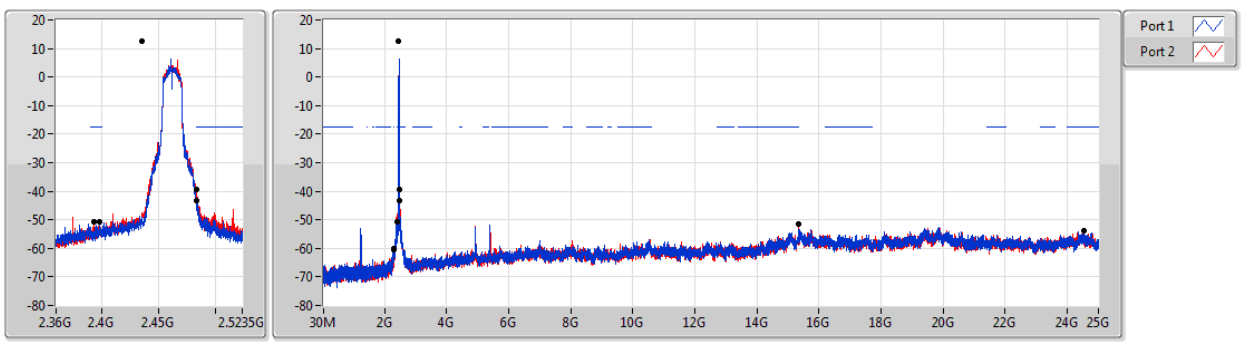
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435738G	12.64	-17.36	424.935M	-52.76	2.39864G	-47.90	2.48454G	-48.77	5.276871G	-37.77	1
2.435738G	12.64	-17.36	2.309905G	-58.85	2.39928G	-41.82	2.48414G	-46.15	15.093483G	-53.85	2

802.11g_Nss1,(6Mbps)_2TX **CSE NdB**

2462MHz

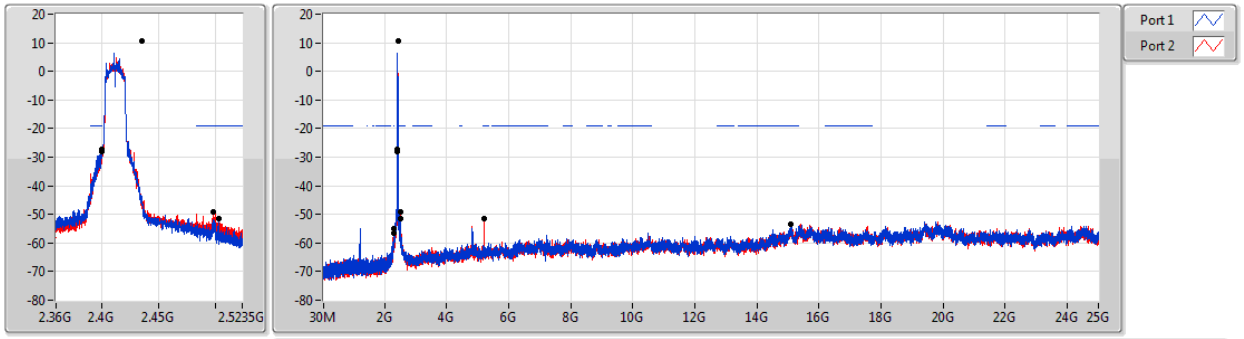


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435738G	12.64	-17.36	2.302915G	-60.07	2.39832G	-50.57	2.48358G	-43.36	24.536422G	-53.77	1
2.435738G	12.64	-17.36	2.300585G	-60.64	2.39328G	-50.66	2.48382G	-39.55	15.346343G	-51.30	2

802.11n HT20_Nss1,(MCS0)_2TX **CSE NdB**

2412MHz

07/11/2017

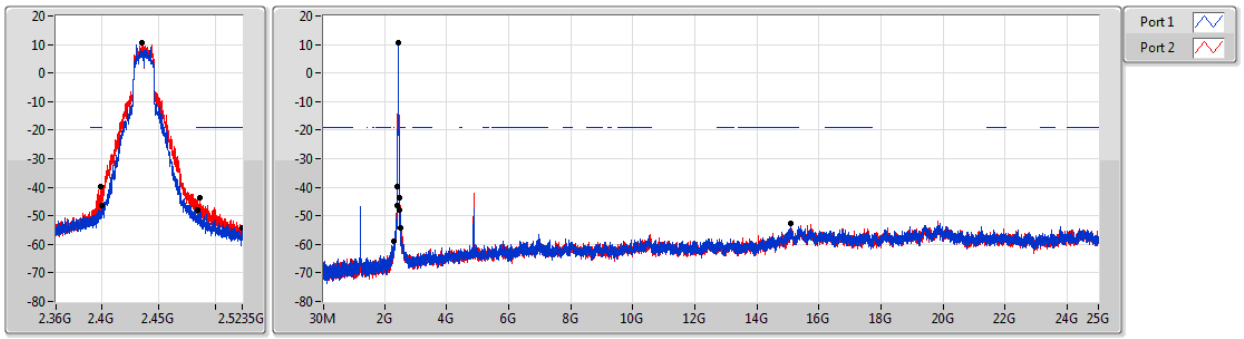


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435738G	10.79	-19.21	2.309905G	-56.57	2.39984G	-27.46	2.50326G	-51.49	15.082244G	-53.41	1
2.435738G	10.79	-19.21	2.300585G	-55.18	2.39984G	-28.03	2.49766G	-49.10	5.212251G	-51.42	2

802.11n HT20_Nss1,(MCS0)_2TX **CSE NdB**

2437MHz

07/11/2017

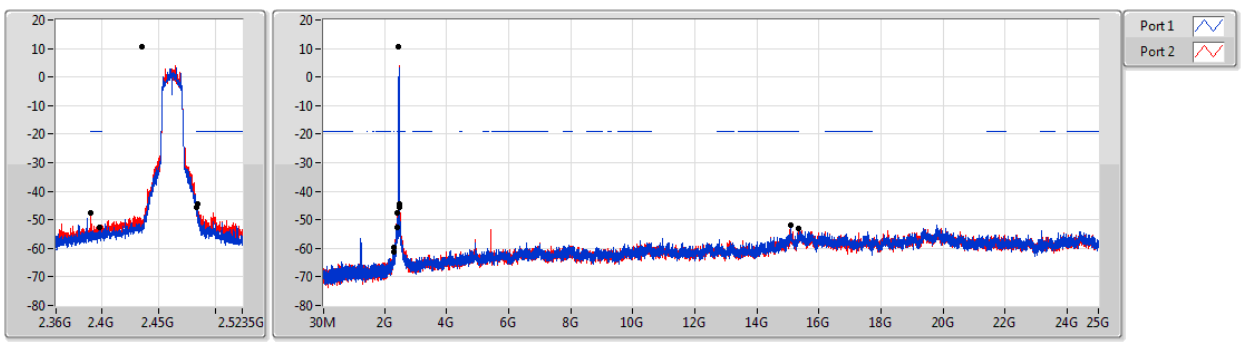


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435738G	10.79	-19.21	2.309905G	-58.83	2.39976G	-46.39	2.48422G	-48.06	15.096292G	-52.65	1
2.435738G	10.79	-19.21	2.309905G	-58.93	2.3996G	-39.79	2.48598G	-43.60	2.5235G	-54.22	2

802.11n HT20_Nss1,(MCS0)_2TX **CSE NdB**

2462MHz

07/11/2017

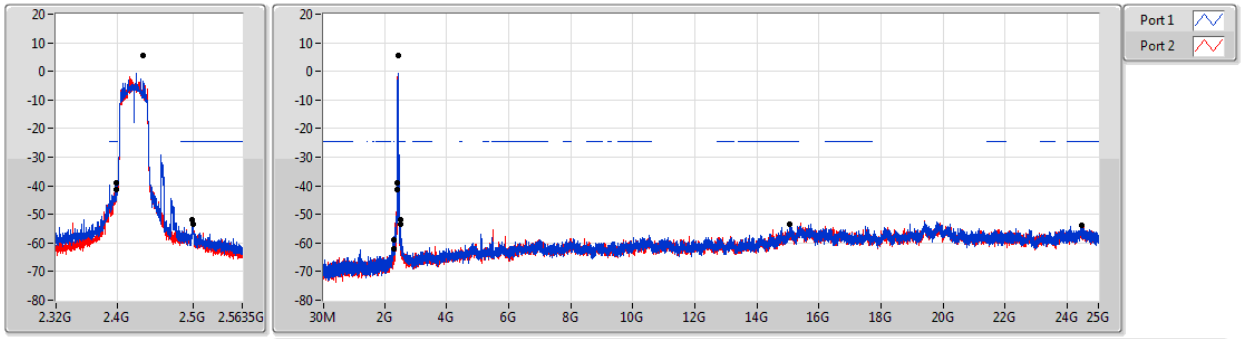


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435738G	10.79	-19.21	2.30874G	-61.15	2.39864G	-52.54	2.48358G	-45.49	15.079435G	-51.88	1
2.435738G	10.79	-19.21	2.307575G	-59.52	2.3908G	-47.66	2.4839G	-44.41	15.346343G	-53.06	2

802.11n HT40_Nss1,(MCS0)_2TX **CSE NdB**

2422MHz

07/11/2017

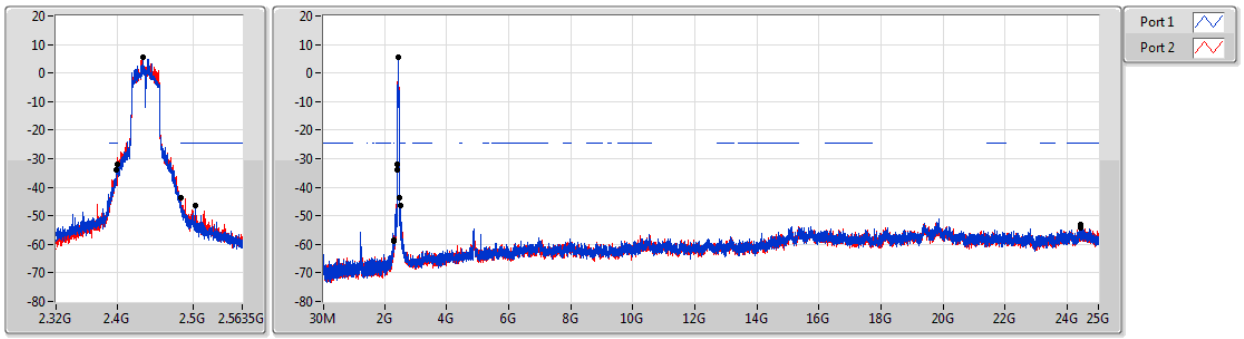


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.434402G	5.43	-24.57	2.307405G	-58.84	2.3984G	-39.17	2.49982G	-53.35	15.060631G	-53.28	1
2.434402G	5.43	-24.57	2.30397G	-61.97	2.3992G	-41.16	2.49758G	-51.74	24.444697G	-53.82	2

802.11n HT40_Nss1,(MCS0)_2TX **CSE NdB**

2437MHz

07/11/2017

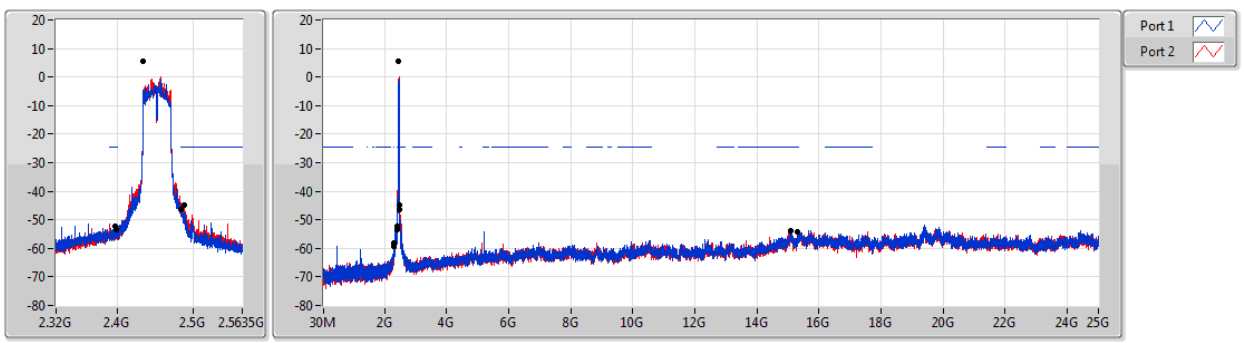


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.434402G	5.43	-24.57	2.30168G	-58.83	2.39968G	-32.04	2.5019G	-46.48	24.441892G	-53.19	1
2.434402G	5.43	-24.57	2.30855G	-58.53	2.3992G	-33.92	2.48382G	-43.71	24.439088G	-54.04	2

802.11n HT40_Nss1,(MCS0)_2TX **CSE NdB**

2452MHz

07/11/2017



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.434402G	5.43	-24.57	2.30168G	-58.20	2.39696G	-52.32	2.48382G	-46.38	15.083067G	-53.72	1
2.434402G	5.43	-24.57	2.30397G	-59.16	2.39808G	-53.36	2.48814G	-44.66	15.299018G	-54.07	2

Summary

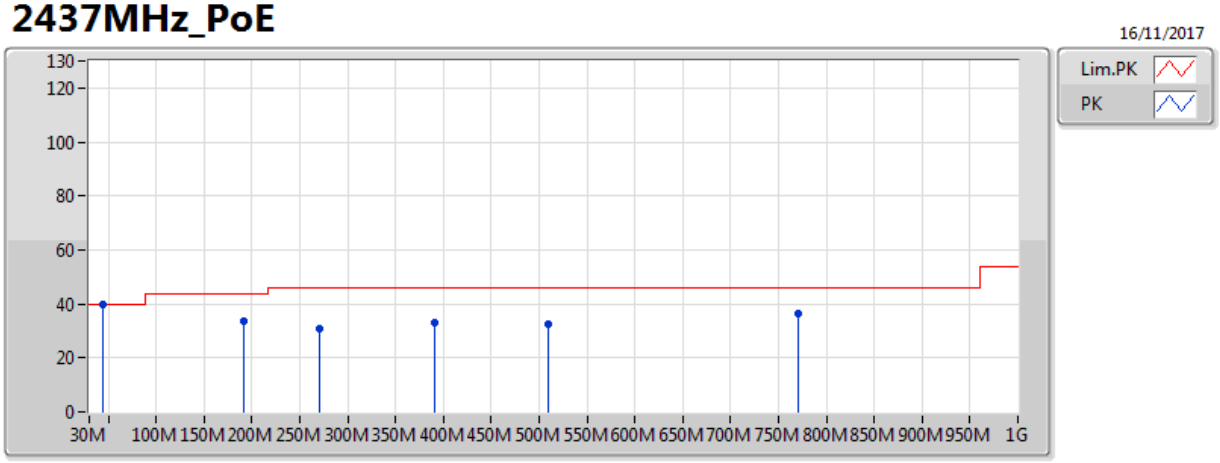
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	QP	43.58M	39.63	40.00	-0.37	-19.54	3	Vertical	359	1.04	-

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)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	111.48M	32.71	43.50	-10.79	-18.81	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	187.14M	30.18	43.50	-13.32	-20.21	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	256.98M	37.89	46.00	-8.11	-14.75	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	342.34M	34.77	46.00	-11.23	-14.03	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	483.96M	36.06	46.00	-9.94	-10.10	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	579.02M	34.66	46.00	-11.34	-8.50	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	191.02M	33.41	43.50	-10.09	-20.19	3	Vertical	0	1.00	-
2437MHz	Pass	PK	270.56M	30.59	46.00	-15.41	-14.97	3	Vertical	0	1.00	-
2437MHz	Pass	PK	390.84M	32.85	46.00	-13.15	-12.56	3	Vertical	0	1.00	-
2437MHz	Pass	PK	509.18M	32.73	46.00	-13.27	-9.76	3	Vertical	0	1.00	-
2437MHz	Pass	PK	771.08M	36.36	46.00	-9.64	-5.43	3	Vertical	0	1.00	-
2437MHz	Pass	QP	43.58M	39.63	40.00	-0.37	-19.54	3	Vertical	359	1.04	-

802.11n HT40_Nss1,(MCS0)_2TX

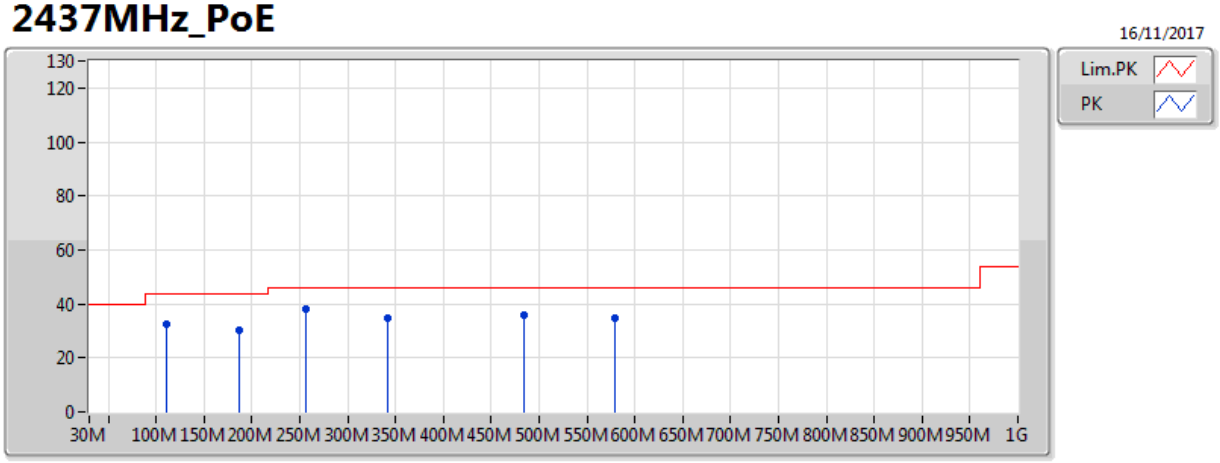
2437MHz_PoE



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	191.02M	33.41	43.50	-10.09	-20.19	3	Vertical	0	1.00	-	53.60	13.97	2.26	36.42
PK	270.56M	30.59	46.00	-15.41	-14.97	3	Vertical	0	1.00	-	45.56	18.72	2.73	36.42
PK	390.84M	32.85	46.00	-13.15	-12.56	3	Vertical	0	1.00	-	45.41	20.75	3.28	36.59
PK	509.18M	32.73	46.00	-13.27	-9.76	3	Vertical	0	1.00	-	42.49	23.23	3.96	36.95
PK	771.08M	36.36	46.00	-9.64	-5.43	3	Vertical	0	1.00	-	41.79	27.32	4.69	37.44
QP	43.58M	39.63	40.00	-0.37	-19.54	3	Vertical	359	1.04	-	59.17	16.57	1.10	37.21

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_PoE



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	111.48M	32.71	43.50	-10.79	-18.81	3	Horizontal	360	1.00	-	51.52	16.24	1.71	36.75
PK	187.14M	30.18	43.50	-13.32	-20.21	3	Horizontal	360	1.00	-	50.39	13.99	2.24	36.43
PK	256.98M	37.89	46.00	-8.11	-14.75	3	Horizontal	360	1.00	-	52.64	19.05	2.62	36.42
PK	342.34M	34.77	46.00	-11.23	-14.03	3	Horizontal	360	1.00	-	48.80	19.39	3.09	36.51
PK	483.96M	36.06	46.00	-9.94	-10.10	3	Horizontal	360	1.00	-	46.16	22.96	3.81	36.87
PK	579.02M	34.66	46.00	-11.34	-8.50	3	Horizontal	360	1.00	-	43.16	24.54	4.09	37.14

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)_2TX	Pass	AV	2.3858G	53.96	54.00	-0.04	32.70	3	Horizontal	47	1.54	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.4836G	53.39	54.00	-0.61	33.09	3	Horizontal	8	1.49	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	AV	2.3896G	53.84	54.00	-0.16	32.72	3	Horizontal	15	1.50	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	AV	2.3894G	53.88	54.00	-0.12	32.72	3	Horizontal	18	1.78	-

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)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3858G	53.96	54.00	-0.04	32.70	3	Horizontal	47	1.54	-
2412MHz	Pass	AV	2.413G	107.82	Inf	-Inf	32.81	3	Horizontal	47	1.54	-
2412MHz	Pass	PK	2.3858G	61.49	74.00	-12.51	32.70	3	Horizontal	47	1.54	-
2412MHz	Pass	PK	2.4128G	110.75	Inf	-Inf	32.81	3	Horizontal	47	1.54	-
2412MHz	Pass	AV	2.386G	49.38	54.00	-4.62	32.71	3	Vertical	4	1.92	-
2412MHz	Pass	AV	2.413G	104.05	Inf	-Inf	32.81	3	Vertical	4	1.92	-
2412MHz	Pass	PK	2.3732G	59.02	74.00	-14.98	32.66	3	Vertical	4	1.92	-
2412MHz	Pass	PK	2.4128G	107.07	Inf	-Inf	32.81	3	Vertical	4	1.92	-
2412MHz	Pass	AV	4.824G	53.37	54.00	-0.63	4.15	3	Horizontal	348	2.07	-
2412MHz	Pass	PK	4.824G	55.26	74.00	-18.74	4.15	3	Horizontal	348	2.07	-
2412MHz	Pass	AV	4.824G	47.42	54.00	-6.58	4.15	3	Vertical	350	1.48	-
2412MHz	Pass	PK	4.824G	50.35	74.00	-23.65	4.15	3	Vertical	350	1.48	-
2437MHz	Pass	AV	2.3866G	49.69	54.00	-4.31	32.71	3	Horizontal	31	1.78	-
2437MHz	Pass	AV	2.4358G	112.03	Inf	-Inf	32.90	3	Horizontal	31	1.78	-
2437MHz	Pass	AV	2.487G	50.27	54.00	-3.73	33.11	3	Horizontal	31	1.78	-
2437MHz	Pass	PK	2.389G	59.24	74.00	-14.76	32.72	3	Horizontal	31	1.78	-
2437MHz	Pass	PK	2.4378G	115.05	Inf	-Inf	32.91	3	Horizontal	31	1.78	-
2437MHz	Pass	PK	2.4962G	60.53	74.00	-13.47	33.14	3	Horizontal	31	1.78	-
2437MHz	Pass	AV	2.3882G	48.06	54.00	-5.94	32.71	3	Vertical	354	1.30	-
2437MHz	Pass	AV	2.4362G	106.49	Inf	-Inf	32.90	3	Vertical	354	1.30	-
2437MHz	Pass	AV	2.4994G	49.35	54.00	-4.65	33.16	3	Vertical	354	1.30	-
2437MHz	Pass	PK	2.3806G	58.95	74.00	-15.05	32.68	3	Vertical	354	1.30	-
2437MHz	Pass	PK	2.4378G	109.70	Inf	-Inf	32.91	3	Vertical	354	1.30	-
2437MHz	Pass	PK	2.4886G	60.28	74.00	-13.72	33.11	3	Vertical	354	1.30	-
2437MHz	Pass	AV	4.874G	53.61	54.00	-0.39	4.27	3	Horizontal	347	2.17	-
2437MHz	Pass	PK	4.874G	54.69	74.00	-19.31	4.27	3	Horizontal	347	2.17	-
2437MHz	Pass	AV	4.874G	50.55	54.00	-3.45	4.27	3	Vertical	349	1.24	-
2437MHz	Pass	PK	4.874G	52.68	74.00	-21.32	4.27	3	Vertical	349	1.24	-
2462MHz	Pass	AV	2.463G	109.86	Inf	-Inf	33.01	3	Horizontal	32	1.50	-
2462MHz	Pass	AV	2.4886G	53.39	54.00	-0.61	33.11	3	Horizontal	32	1.50	-
2462MHz	Pass	PK	2.4628G	112.85	Inf	-Inf	33.01	3	Horizontal	32	1.50	-
2462MHz	Pass	PK	2.486G	62.10	74.00	-11.90	33.10	3	Horizontal	32	1.50	-
2462MHz	Pass	AV	2.463G	105.96	Inf	-Inf	33.01	3	Vertical	357	1.48	-
2462MHz	Pass	AV	2.4878G	51.18	54.00	-2.82	33.11	3	Vertical	357	1.48	-
2462MHz	Pass	PK	2.4628G	108.92	Inf	-Inf	33.01	3	Vertical	357	1.48	-
2462MHz	Pass	PK	2.4876G	60.35	74.00	-13.65	33.11	3	Vertical	357	1.48	-
2462MHz	Pass	AV	4.924G	53.64	54.00	-0.36	4.40	3	Horizontal	347	2.04	-
2462MHz	Pass	PK	4.924G	55.17	74.00	-18.83	4.40	3	Horizontal	347	2.04	-
2462MHz	Pass	AV	4.924G	51.76	54.00	-2.24	4.40	3	Vertical	351	1.08	-
2462MHz	Pass	PK	4.924G	54.37	74.00	-19.63	4.40	3	Vertical	351	1.08	-
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	53.27	54.00	-0.73	32.72	3	Horizontal	15	2.11	-
2412MHz	Pass	AV	2.4112G	103.14	Inf	-Inf	32.80	3	Horizontal	15	2.11	-
2412MHz	Pass	PK	2.39G	63.18	74.00	-10.82	32.72	3	Horizontal	15	2.11	-
2412MHz	Pass	PK	2.4114G	110.04	Inf	-Inf	32.81	3	Horizontal	15	2.11	-
2412MHz	Pass	AV	2.39G	51.79	54.00	-2.21	32.72	3	Vertical	350	2.51	-
2412MHz	Pass	AV	2.4104G	101.25	Inf	-Inf	32.80	3	Vertical	350	2.51	-

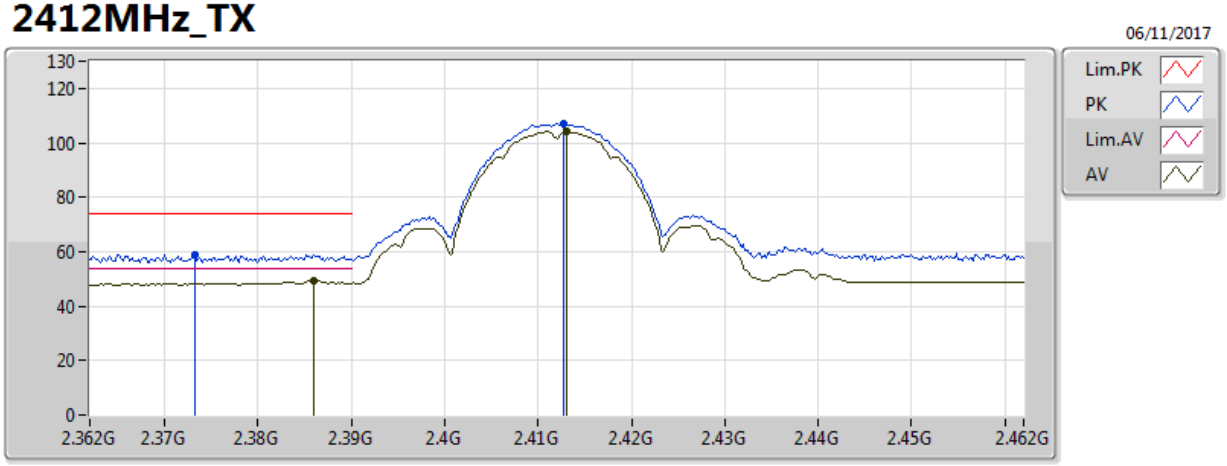
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	PK	2.3896G	63.91	74.00	-10.09	32.72	3	Vertical	350	2.51	-
2412MHz	Pass	PK	2.4104G	108.50	Inf	-Inf	32.80	3	Vertical	350	2.51	-
2412MHz	Pass	AV	4.824G	43.42	54.00	-10.58	4.15	3	Horizontal	345	2.14	-
2412MHz	Pass	PK	4.824G	52.55	74.00	-21.45	4.15	3	Horizontal	345	2.14	-
2412MHz	Pass	AV	4.824G	38.90	54.00	-15.10	4.15	3	Vertical	354	1.02	-
2412MHz	Pass	PK	4.824G	48.54	74.00	-25.46	4.15	3	Vertical	354	1.02	-
2437MHz	Pass	AV	2.3874G	49.89	54.00	-4.11	32.71	3	Horizontal	14	1.76	-
2437MHz	Pass	AV	2.4362G	109.29	Inf	-Inf	32.90	3	Horizontal	14	1.76	-
2437MHz	Pass	AV	2.485G	51.23	54.00	-2.77	33.10	3	Horizontal	14	1.76	-
2437MHz	Pass	PK	2.353G	60.23	74.00	-13.77	32.58	3	Horizontal	14	1.76	-
2437MHz	Pass	PK	2.4362G	116.60	Inf	-Inf	32.90	3	Horizontal	14	1.76	-
2437MHz	Pass	PK	2.4862G	61.44	74.00	-12.56	33.10	3	Horizontal	14	1.76	-
2437MHz	Pass	AV	2.3898G	48.99	54.00	-5.01	32.72	3	Vertical	353	2.72	-
2437MHz	Pass	AV	2.4358G	106.28	Inf	-Inf	32.90	3	Vertical	353	2.72	-
2437MHz	Pass	AV	2.485G	50.05	54.00	-3.95	33.10	3	Vertical	353	2.72	-
2437MHz	Pass	PK	2.3834G	59.25	74.00	-14.75	32.70	3	Vertical	353	2.72	-
2437MHz	Pass	PK	2.4358G	113.10	Inf	-Inf	32.90	3	Vertical	353	2.72	-
2437MHz	Pass	PK	2.4938G	59.89	74.00	-14.11	33.14	3	Vertical	353	2.72	-
2437MHz	Pass	AV	4.874G	45.94	54.00	-8.06	4.27	3	Horizontal	344	1.95	-
2437MHz	Pass	PK	4.874G	55.06	74.00	-18.94	4.27	3	Horizontal	344	1.95	-
2437MHz	Pass	AV	4.874G	43.55	54.00	-10.45	4.27	3	Vertical	352	1.07	-
2437MHz	Pass	PK	4.874G	52.62	74.00	-21.38	4.27	3	Vertical	352	1.07	-
2462MHz	Pass	AV	2.461G	103.53	Inf	-Inf	33.00	3	Horizontal	8	1.49	-
2462MHz	Pass	AV	2.4836G	53.39	54.00	-0.61	33.09	3	Horizontal	8	1.49	-
2462MHz	Pass	PK	2.4612G	110.51	Inf	-Inf	33.00	3	Horizontal	8	1.49	-
2462MHz	Pass	PK	2.4844G	65.09	74.00	-8.91	33.10	3	Horizontal	8	1.49	-
2462MHz	Pass	AV	2.4612G	99.41	Inf	-Inf	33.00	3	Vertical	356	1.50	-
2462MHz	Pass	AV	2.4836G	51.93	54.00	-2.07	33.09	3	Vertical	356	1.50	-
2462MHz	Pass	PK	2.4612G	106.33	Inf	-Inf	33.00	3	Vertical	356	1.50	-
2462MHz	Pass	PK	2.4836G	62.24	74.00	-11.76	33.09	3	Vertical	356	1.50	-
2462MHz	Pass	AV	4.924G	41.96	54.00	-12.04	4.40	3	Horizontal	345	2.11	-
2462MHz	Pass	PK	4.924G	51.47	74.00	-22.53	4.40	3	Horizontal	345	2.11	-
2462MHz	Pass	AV	4.924G	40.52	54.00	-13.48	4.40	3	Vertical	353	1.06	-
2462MHz	Pass	PK	4.924G	49.32	74.00	-24.68	4.40	3	Vertical	353	1.06	-
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3896G	53.84	54.00	-0.16	32.72	3	Horizontal	15	1.50	-
2412MHz	Pass	AV	2.414G	100.25	Inf	-Inf	32.82	3	Horizontal	15	1.50	-
2412MHz	Pass	PK	2.3894G	66.43	74.00	-7.57	32.72	3	Horizontal	15	1.50	-
2412MHz	Pass	PK	2.4138G	108.08	Inf	-Inf	32.82	3	Horizontal	15	1.50	-
2412MHz	Pass	AV	2.3888G	50.80	54.00	-3.20	32.72	3	Vertical	345	2.50	-
2412MHz	Pass	AV	2.411G	99.64	Inf	-Inf	32.80	3	Vertical	345	2.50	-
2412MHz	Pass	PK	2.3886G	62.72	74.00	-11.28	32.72	3	Vertical	345	2.50	-
2412MHz	Pass	PK	2.4114G	106.33	Inf	-Inf	32.81	3	Vertical	345	2.50	-
2412MHz	Pass	AV	4.824G	42.50	54.00	-11.50	4.15	3	Horizontal	347	2.07	-
2412MHz	Pass	PK	4.824G	53.28	74.00	-20.72	4.15	3	Horizontal	347	2.07	-
2412MHz	Pass	AV	4.824G	38.94	54.00	-15.06	4.15	3	Vertical	348	1.17	-
2412MHz	Pass	PK	4.824G	49.66	74.00	-24.34	4.15	3	Vertical	348	1.17	-
2437MHz	Pass	AV	2.389G	49.55	54.00	-4.45	32.72	3	Horizontal	6	1.76	-
2437MHz	Pass	AV	2.4362G	107.02	Inf	-Inf	32.90	3	Horizontal	6	1.76	-

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	2.4842G	51.31	54.00	-2.69	33.10	3	Horizontal	6	1.76	-
2437MHz	Pass	PK	2.3814G	59.78	74.00	-14.22	32.69	3	Horizontal	6	1.76	-
2437MHz	Pass	PK	2.439G	114.89	Inf	-Inf	32.92	3	Horizontal	6	1.76	-
2437MHz	Pass	PK	2.4838G	63.24	74.00	-10.76	33.10	3	Horizontal	6	1.76	-
2437MHz	Pass	AV	2.3886G	49.16	54.00	-4.84	32.72	3	Vertical	351	2.72	-
2437MHz	Pass	AV	2.4362G	105.49	Inf	-Inf	32.90	3	Vertical	351	2.72	-
2437MHz	Pass	AV	2.4862G	50.21	54.00	-3.79	33.10	3	Vertical	351	2.72	-
2437MHz	Pass	PK	2.389G	58.99	74.00	-15.01	32.72	3	Vertical	351	2.72	-
2437MHz	Pass	PK	2.4366G	112.25	Inf	-Inf	32.91	3	Vertical	351	2.72	-
2437MHz	Pass	PK	2.4838G	60.88	74.00	-13.12	33.10	3	Vertical	351	2.72	-
2437MHz	Pass	AV	4.874G	45.85	54.00	-8.15	4.27	3	Horizontal	346	2.08	-
2437MHz	Pass	PK	4.874G	55.56	74.00	-18.44	4.27	3	Horizontal	346	2.08	-
2437MHz	Pass	AV	4.874G	43.44	54.00	-10.56	4.27	3	Vertical	351	1.09	-
2437MHz	Pass	PK	4.874G	53.51	74.00	-20.49	4.27	3	Vertical	351	1.09	-
2462MHz	Pass	AV	2.4614G	100.63	Inf	-Inf	33.01	3	Horizontal	4	1.19	-
2462MHz	Pass	AV	2.4838G	53.53	54.00	-0.47	33.10	3	Horizontal	4	1.19	-
2462MHz	Pass	PK	2.4638G	108.72	Inf	-Inf	33.02	3	Horizontal	4	1.19	-
2462MHz	Pass	PK	2.4842G	66.08	74.00	-7.92	33.10	3	Horizontal	4	1.19	-
2462MHz	Pass	AV	2.461G	98.96	Inf	-Inf	33.00	3	Vertical	350	2.67	-
2462MHz	Pass	AV	2.4836G	51.79	54.00	-2.21	33.09	3	Vertical	350	2.67	-
2462MHz	Pass	PK	2.4604G	105.73	Inf	-Inf	33.00	3	Vertical	350	2.67	-
2462MHz	Pass	PK	2.4836G	63.20	74.00	-10.80	33.09	3	Vertical	350	2.67	-
2462MHz	Pass	AV	4.924G	40.63	54.00	-13.37	4.40	3	Horizontal	348	2.32	-
2462MHz	Pass	PK	4.924G	48.76	74.00	-25.24	4.40	3	Horizontal	348	2.32	-
2462MHz	Pass	AV	4.924G	38.01	54.00	-15.99	4.40	3	Vertical	358	1.31	-
2462MHz	Pass	PK	4.924G	47.89	74.00	-26.11	4.40	3	Vertical	358	1.31	-
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3892G	53.21	54.00	-0.79	32.72	3	Horizontal	29	2.23	-
2422MHz	Pass	AV	2.4188G	94.96	Inf	-Inf	32.84	3	Horizontal	29	2.23	-
2422MHz	Pass	AV	2.488G	50.17	54.00	-3.83	33.11	3	Horizontal	29	2.23	-
2422MHz	Pass	PK	2.39G	63.73	74.00	-10.27	32.72	3	Horizontal	29	2.23	-
2422MHz	Pass	PK	2.4188G	102.44	Inf	-Inf	32.84	3	Horizontal	29	2.23	-
2422MHz	Pass	PK	2.4884G	59.99	74.00	-14.01	33.11	3	Horizontal	29	2.23	-
2422MHz	Pass	AV	2.3896G	51.40	54.00	-2.60	32.72	3	Vertical	351	2.20	-
2422MHz	Pass	AV	2.4236G	93.17	Inf	-Inf	32.85	3	Vertical	351	2.20	-
2422MHz	Pass	AV	2.496G	50.13	54.00	-3.87	33.14	3	Vertical	351	2.20	-
2422MHz	Pass	PK	2.39G	62.39	74.00	-11.61	32.72	3	Vertical	351	2.20	-
2422MHz	Pass	PK	2.4256G	99.82	Inf	-Inf	32.86	3	Vertical	351	2.20	-
2422MHz	Pass	PK	2.4992G	59.52	74.00	-14.48	33.16	3	Vertical	351	2.20	-
2422MHz	Pass	AV	4.844G	37.18	54.00	-16.82	4.20	3	Horizontal	341	1.96	-
2422MHz	Pass	PK	4.844G	46.65	74.00	-27.35	4.20	3	Horizontal	341	1.96	-
2422MHz	Pass	AV	4.844G	36.19	54.00	-17.81	4.20	3	Vertical	224	1.50	-
2422MHz	Pass	PK	4.844G	46.12	74.00	-27.88	4.20	3	Vertical	224	1.50	-
2437MHz	Pass	AV	2.3894G	53.88	54.00	-0.12	32.72	3	Horizontal	18	1.78	-
2437MHz	Pass	AV	2.439G	101.16	Inf	-Inf	32.92	3	Horizontal	18	1.78	-
2437MHz	Pass	AV	2.4838G	53.77	54.00	-0.23	33.10	3	Horizontal	18	1.78	-
2437MHz	Pass	PK	2.389G	65.46	74.00	-8.54	32.72	3	Horizontal	18	1.78	-
2437MHz	Pass	PK	2.4342G	108.46	Inf	-Inf	32.90	3	Horizontal	18	1.78	-
2437MHz	Pass	PK	2.4838G	63.56	74.00	-10.44	33.10	3	Horizontal	18	1.78	-

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	2.3886G	51.33	54.00	-2.67	32.72	3	Vertical	351	2.72	-
2437MHz	Pass	AV	2.4386G	99.28	Inf	-Inf	32.91	3	Vertical	351	2.72	-
2437MHz	Pass	AV	2.4838G	52.20	54.00	-1.80	33.10	3	Vertical	351	2.72	-
2437MHz	Pass	PK	2.3886G	62.27	74.00	-11.73	32.72	3	Vertical	351	2.72	-
2437MHz	Pass	PK	2.4406G	106.09	Inf	-Inf	32.92	3	Vertical	351	2.72	-
2437MHz	Pass	PK	2.4854G	61.31	74.00	-12.69	33.10	3	Vertical	351	2.72	-
2437MHz	Pass	AV	4.874G	37.37	54.00	-16.63	2.26	3	Horizontal	41	1.00	-
2437MHz	Pass	AV	4.874G	39.13	54.00	-14.87	2.26	3	Horizontal	72	2.19	-
2437MHz	Pass	PK	4.874G	48.51	74.00	-25.49	2.26	3	Horizontal	41	1.00	-
2437MHz	Pass	PK	4.874G	49.38	74.00	-24.62	2.26	3	Horizontal	72	2.19	-
2452MHz	Pass	AV	2.3872G	49.59	54.00	-4.41	32.71	3	Horizontal	12	1.50	-
2452MHz	Pass	AV	2.4544G	95.78	Inf	-Inf	32.98	3	Horizontal	12	1.50	-
2452MHz	Pass	AV	2.484G	53.71	54.00	-0.29	33.10	3	Horizontal	12	1.50	-
2452MHz	Pass	PK	2.3876G	59.22	74.00	-14.78	32.71	3	Horizontal	12	1.50	-
2452MHz	Pass	PK	2.4536G	102.95	Inf	-Inf	32.97	3	Horizontal	12	1.50	-
2452MHz	Pass	PK	2.484G	64.47	74.00	-9.53	33.10	3	Horizontal	12	1.50	-
2452MHz	Pass	AV	2.3896G	49.35	54.00	-4.65	32.72	3	Vertical	355	1.49	-
2452MHz	Pass	AV	2.454G	92.56	Inf	-Inf	32.98	3	Vertical	355	1.49	-
2452MHz	Pass	AV	2.484G	52.05	54.00	-1.95	33.10	3	Vertical	355	1.49	-
2452MHz	Pass	PK	2.3896G	59.25	74.00	-14.75	32.72	3	Vertical	355	1.49	-
2452MHz	Pass	PK	2.4556G	99.03	Inf	-Inf	32.98	3	Vertical	355	1.49	-
2452MHz	Pass	PK	2.484G	62.88	74.00	-11.12	33.10	3	Vertical	355	1.49	-
2452MHz	Pass	AV	4.904G	37.46	54.00	-16.54	2.35	3	Horizontal	328	1.14	-
2452MHz	Pass	AV	4.904G	39.22	54.00	-14.78	2.35	3	Horizontal	92	1.78	-
2452MHz	Pass	PK	4.904G	48.60	74.00	-25.40	2.35	3	Horizontal	328	1.14	-
2452MHz	Pass	PK	4.904G	49.47	74.00	-24.53	2.35	3	Horizontal	92	1.78	-

802.11b_Nss1,(1Mbps)_2TX

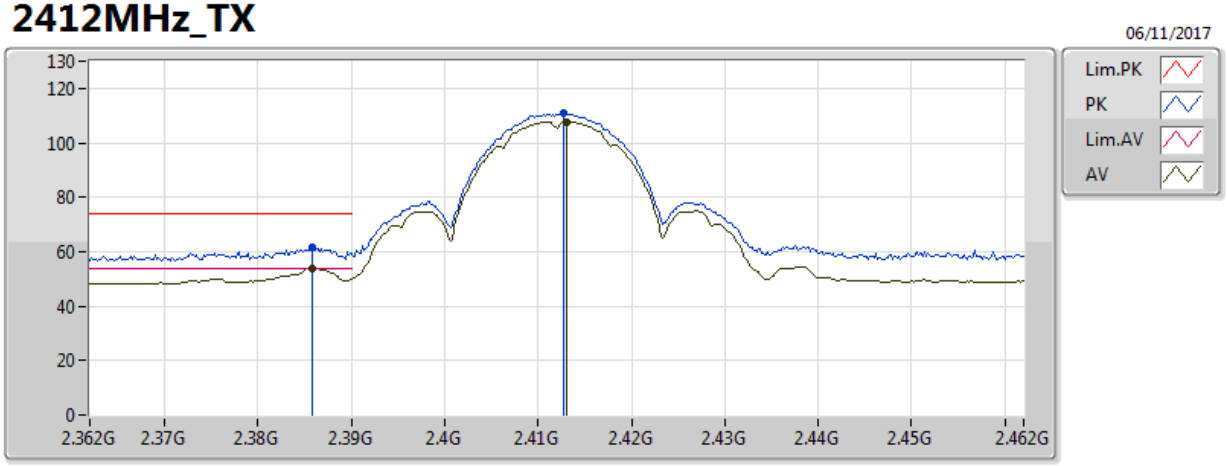
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.386G	49.38	54.00	-4.62	32.71	3	Vertical	4	1.92	-	16.68	26.98	5.72	-
AV	2.413G	104.05	Inf	-Inf	32.81	3	Vertical	4	1.92	-	71.24	27.06	5.76	-
PK	2.3732G	59.02	74.00	-14.98	32.66	3	Vertical	4	1.92	-	26.36	26.94	5.71	-
PK	2.4128G	107.07	Inf	-Inf	32.81	3	Vertical	4	1.92	-	74.26	27.06	5.76	-

802.11b_Nss1,(1Mbps)_2TX

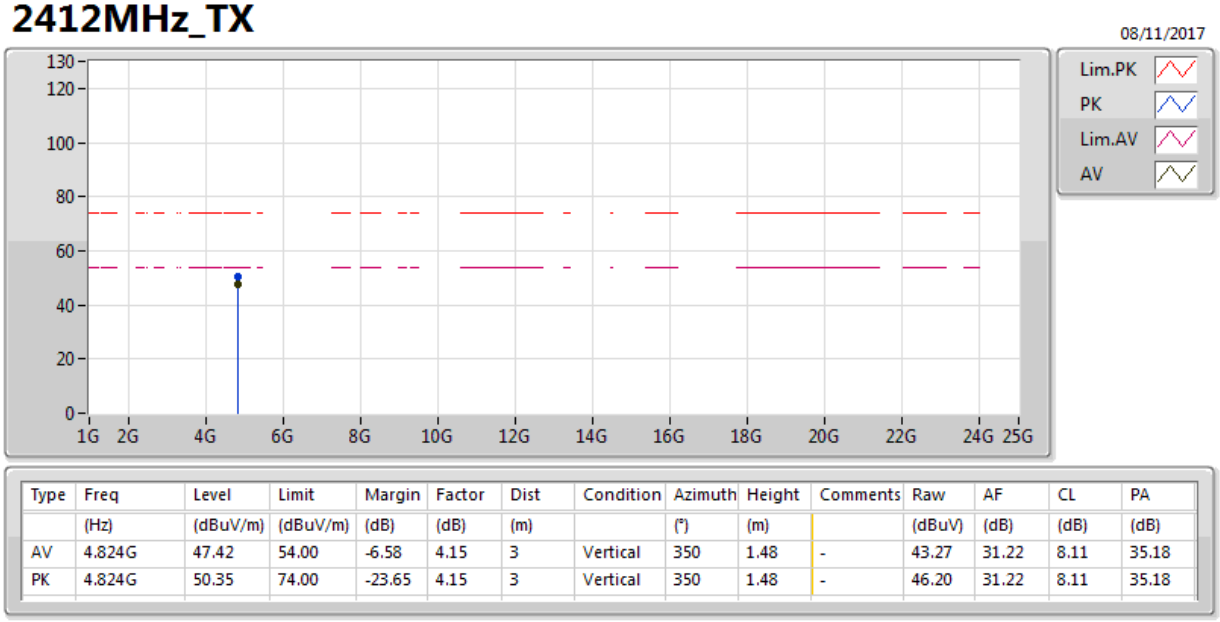
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3858G	53.96	54.00	-0.04	32.70	3	Horizontal	47	1.54	-	21.25	26.98	5.72	-
AV	2.413G	107.82	Inf	-Inf	32.81	3	Horizontal	47	1.54	-	75.01	27.06	5.76	-
PK	2.3858G	61.49	74.00	-12.51	32.70	3	Horizontal	47	1.54	-	28.78	26.98	5.72	-
PK	2.4128G	110.75	Inf	-Inf	32.81	3	Horizontal	47	1.54	-	77.94	27.06	5.76	-

802.11b_Nss1,(1Mbps)_2TX

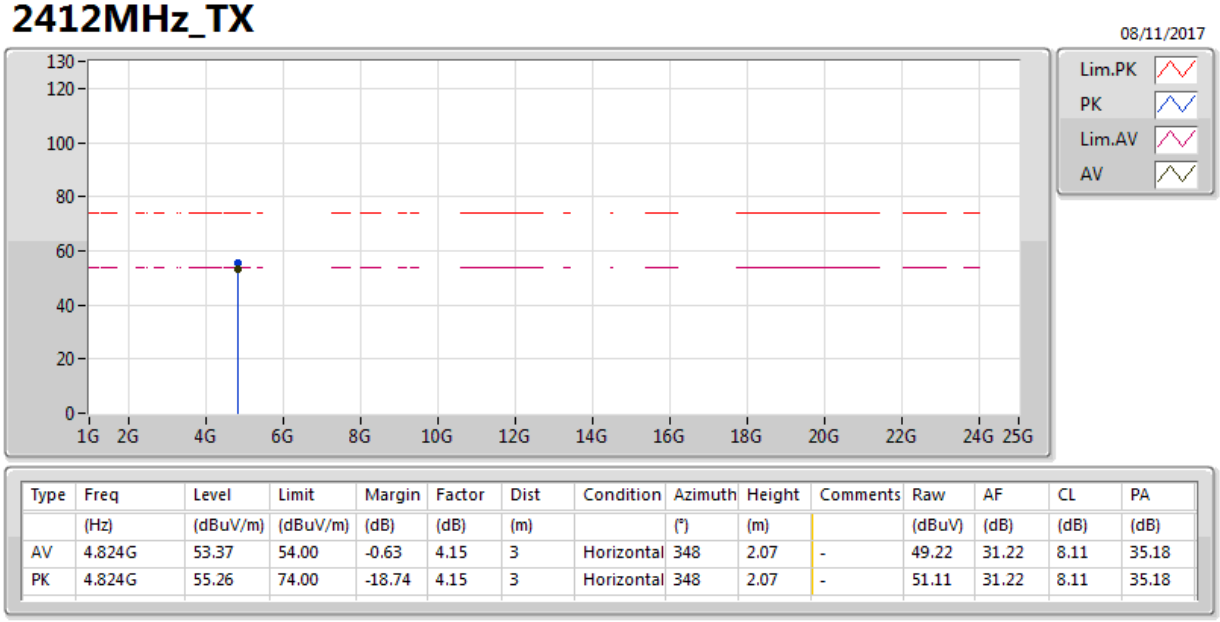
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.824G	47.42	54.00	-6.58	4.15	3	Vertical	350	1.48	-	43.27	31.22	8.11	35.18
PK	4.824G	50.35	74.00	-23.65	4.15	3	Vertical	350	1.48	-	46.20	31.22	8.11	35.18

802.11b_Nss1,(1Mbps)_2TX

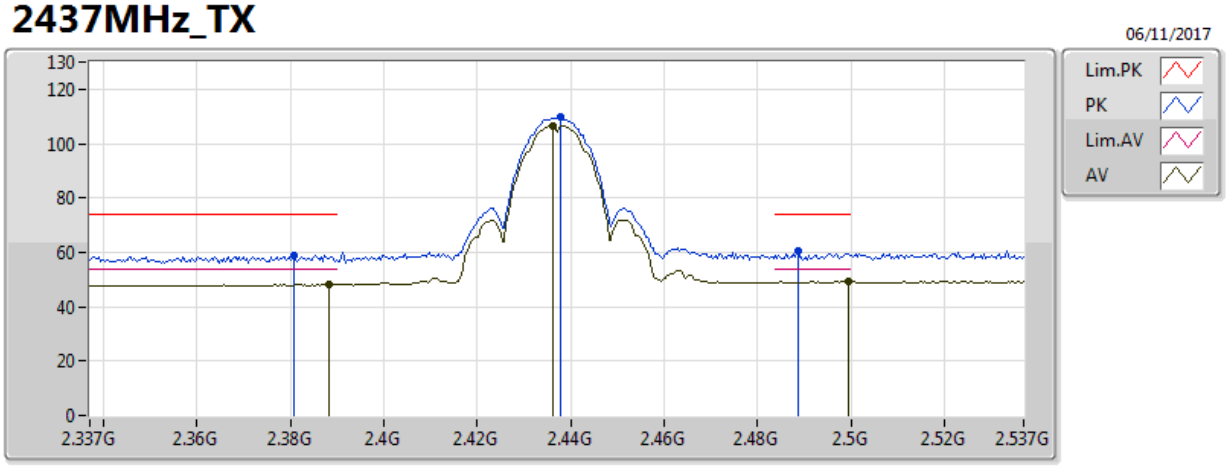
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.824G	53.37	54.00	-0.63	4.15	3	Horizontal	348	2.07	-	49.22	31.22	8.11	35.18
PK	4.824G	55.26	74.00	-18.74	4.15	3	Horizontal	348	2.07	-	51.11	31.22	8.11	35.18

802.11b_Nss1,(1Mbps)_2TX

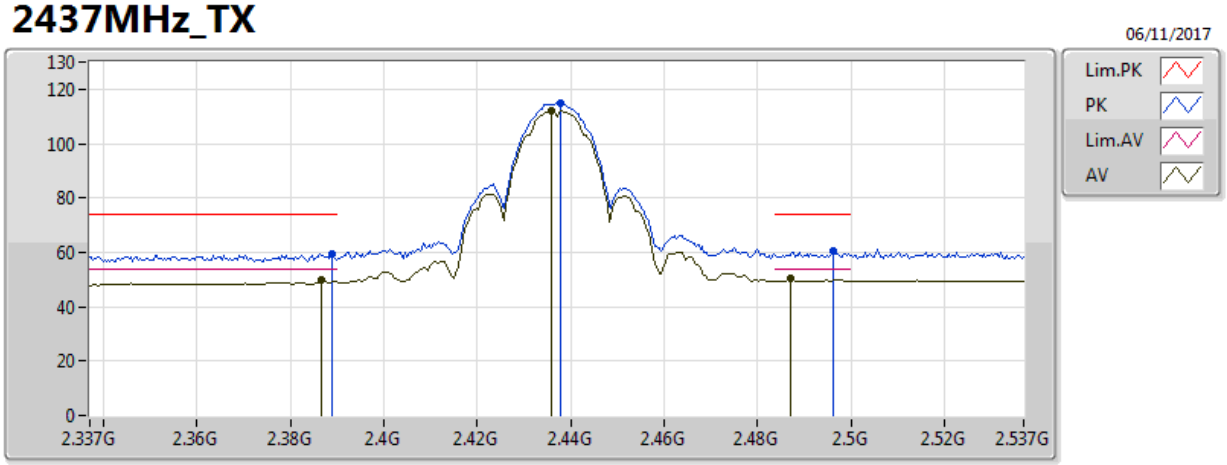
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3882G	48.06	54.00	-5.94	32.71	3	Vertical	354	1.30	-	15.35	26.99	5.73	-
AV	2.4362G	106.49	Inf	-Inf	32.90	3	Vertical	354	1.30	-	73.58	27.12	5.78	-
AV	2.4994G	49.35	54.00	-4.65	33.16	3	Vertical	354	1.30	-	16.19	27.30	5.86	-
PK	2.3806G	58.95	74.00	-15.05	32.68	3	Vertical	354	1.30	-	26.26	26.97	5.72	-
PK	2.4378G	109.70	Inf	-Inf	32.91	3	Vertical	354	1.30	-	76.79	27.13	5.79	-
PK	2.4886G	60.28	74.00	-13.72	33.11	3	Vertical	354	1.30	-	27.17	27.27	5.85	-

802.11b_Nss1,(1Mbps)_2TX

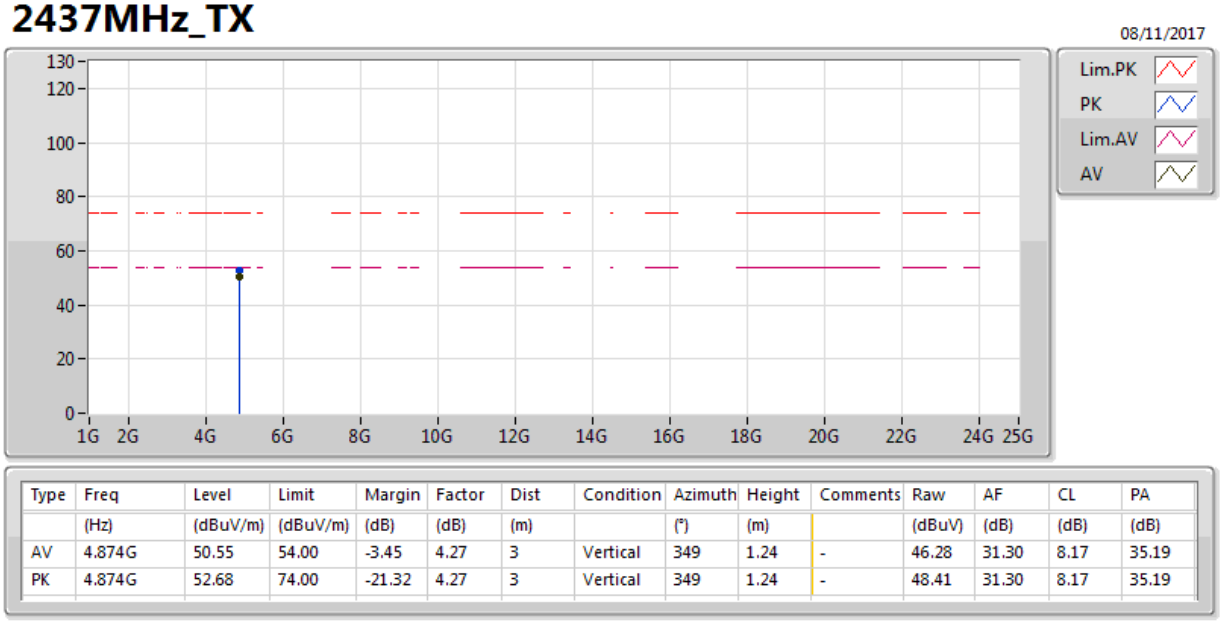
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3866G	49.69	54.00	-4.31	32.71	3	Horizontal	31	1.78	-	16.99	26.98	5.73	-
AV	2.4358G	112.03	Inf	-Inf	32.90	3	Horizontal	31	1.78	-	79.13	27.12	5.78	-
AV	2.487G	50.27	54.00	-3.73	33.11	3	Horizontal	31	1.78	-	17.16	27.26	5.84	-
PK	2.389G	59.24	74.00	-14.76	32.72	3	Horizontal	31	1.78	-	26.52	26.99	5.73	-
PK	2.4378G	115.05	Inf	-Inf	32.91	3	Horizontal	31	1.78	-	82.14	27.13	5.79	-
PK	2.4962G	60.53	74.00	-13.47	33.14	3	Horizontal	31	1.78	-	27.38	27.29	5.86	-

802.11b_Nss1,(1Mbps)_2TX

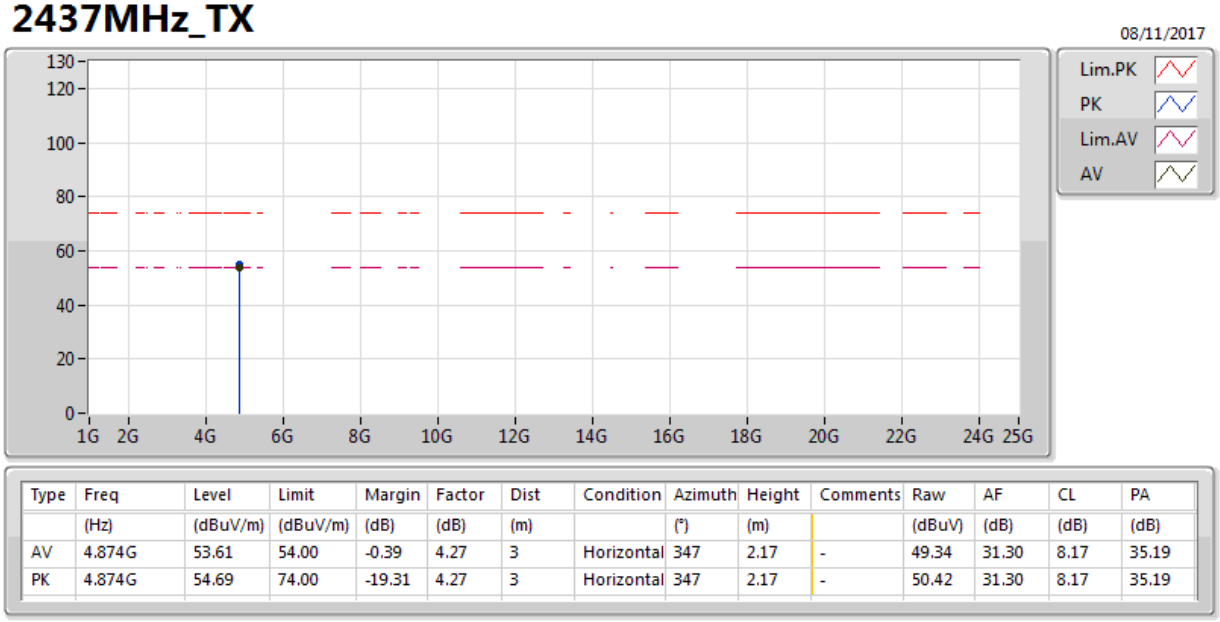
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.874G	50.55	54.00	-3.45	4.27	3	Vertical	349	1.24	-	46.28	31.30	8.17	35.19
PK	4.874G	52.68	74.00	-21.32	4.27	3	Vertical	349	1.24	-	48.41	31.30	8.17	35.19

802.11b_Nss1,(1Mbps)_2TX

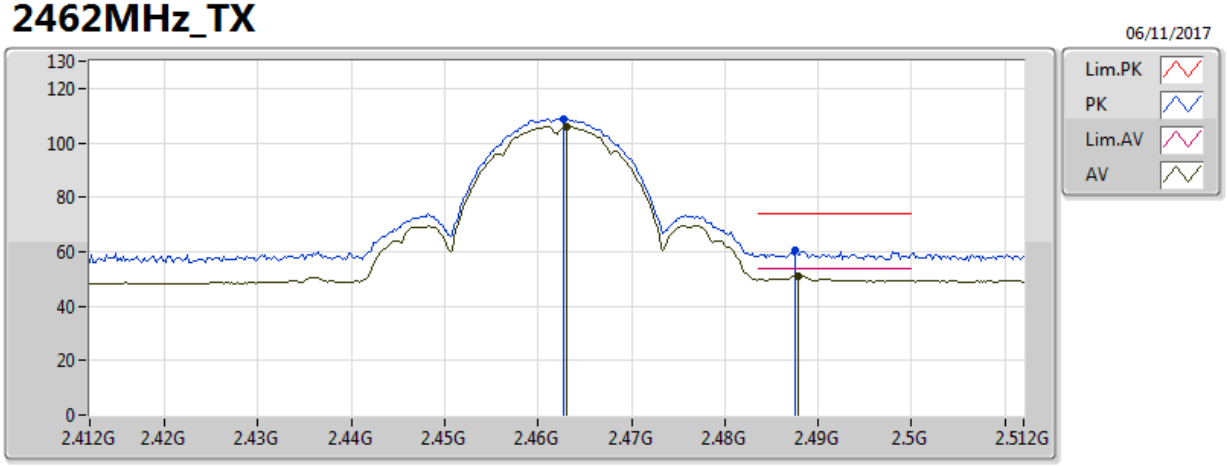
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.874G	53.61	54.00	-0.39	4.27	3	Horizontal	347	2.17	-	49.34	31.30	8.17	35.19
PK	4.874G	54.69	74.00	-19.31	4.27	3	Horizontal	347	2.17	-	50.42	31.30	8.17	35.19

802.11b_Nss1,(1Mbps)_2TX

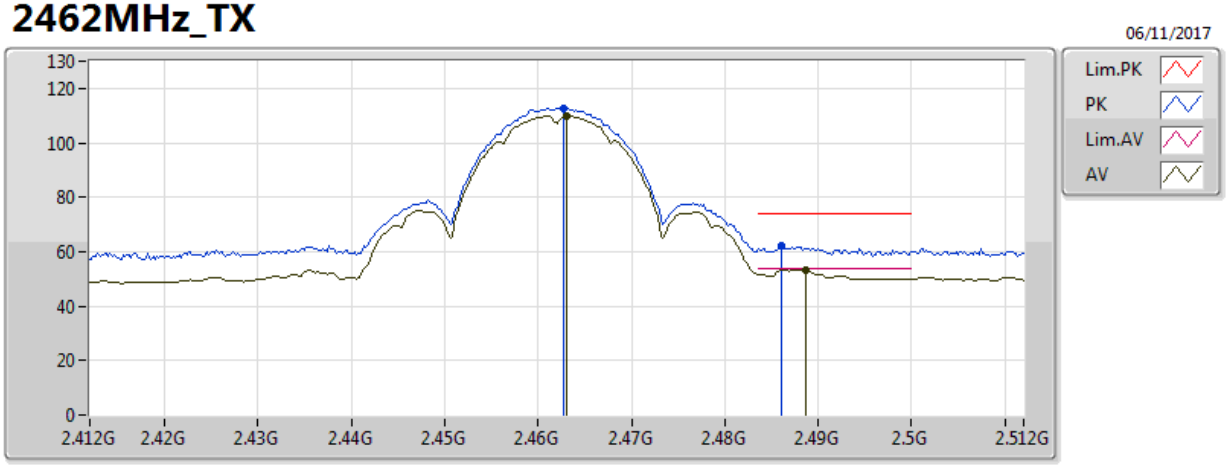
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.463G	105.96	Inf	-Inf	33.01	3	Vertical	357	1.48	-	72.94	27.20	5.82	-
AV	2.4878G	51.18	54.00	-2.82	33.11	3	Vertical	357	1.48	-	18.07	27.27	5.85	-
PK	2.4628G	108.92	Inf	-Inf	33.01	3	Vertical	357	1.48	-	75.91	27.20	5.82	-
PK	2.4876G	60.35	74.00	-13.65	33.11	3	Vertical	357	1.48	-	27.24	27.27	5.85	-

802.11b_Nss1,(1Mbps)_2TX

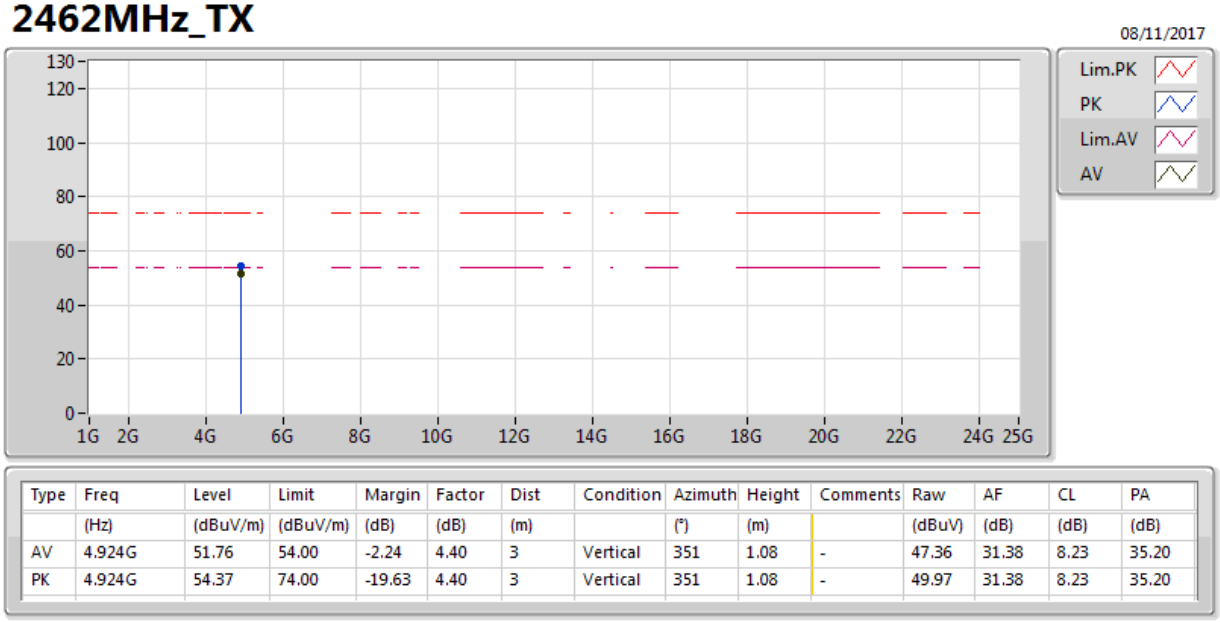
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.463G	109.86	Inf	-Inf	33.01	3	Horizontal	32	1.50	-	76.84	27.20	5.82	-
AV	2.4886G	53.39	54.00	-0.61	33.11	3	Horizontal	32	1.50	-	20.27	27.27	5.85	-
PK	2.4628G	112.85	Inf	-Inf	33.01	3	Horizontal	32	1.50	-	79.84	27.20	5.82	-
PK	2.486G	62.10	74.00	-11.90	33.10	3	Horizontal	32	1.50	-	29.00	27.26	5.84	-

802.11b_Nss1,(1Mbps)_2TX

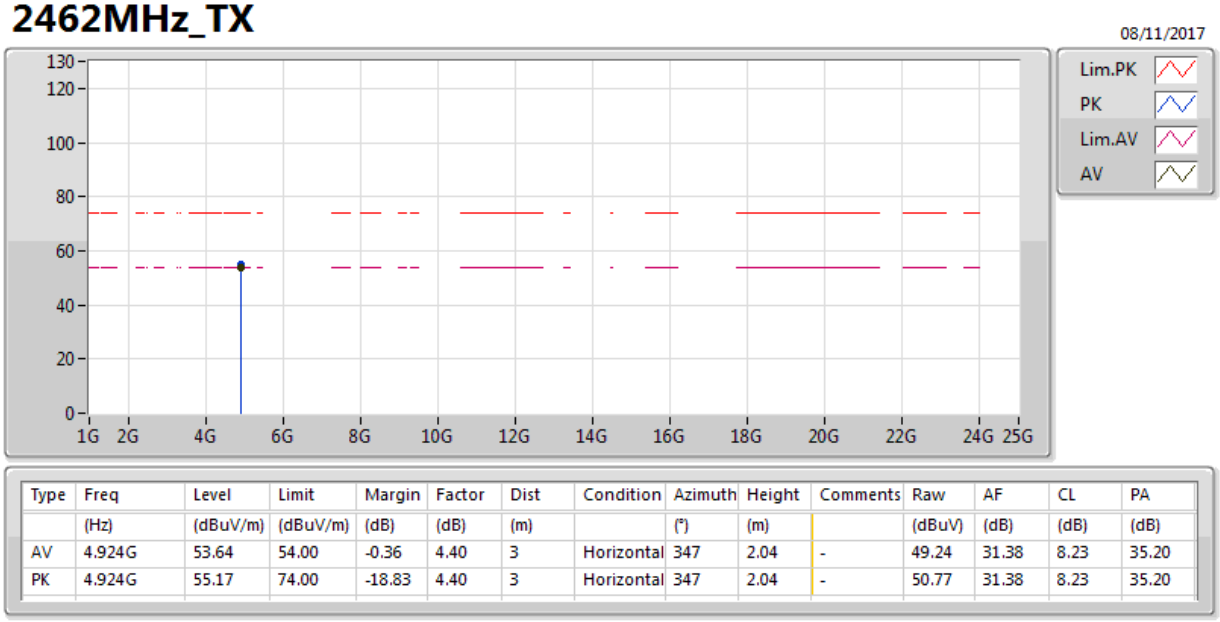
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.924G	51.76	54.00	-2.24	4.40	3	Vertical	351	1.08	-	47.36	31.38	8.23	35.20
PK	4.924G	54.37	74.00	-19.63	4.40	3	Vertical	351	1.08	-	49.97	31.38	8.23	35.20

802.11b_Nss1,(1Mbps)_2TX

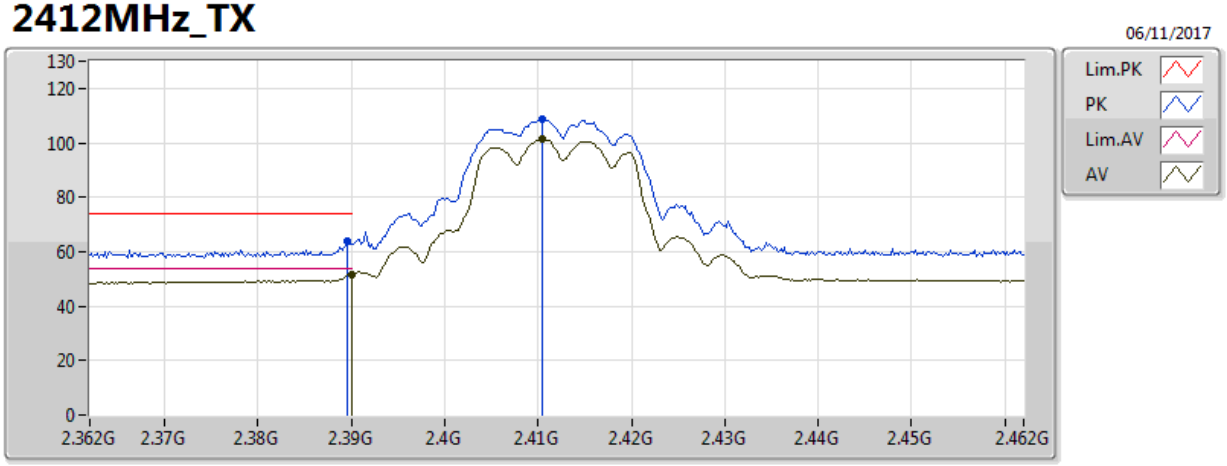
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.924G	53.64	54.00	-0.36	4.40	3	Horizontal	347	2.04	-	49.24	31.38	8.23	35.20
PK	4.924G	55.17	74.00	-18.83	4.40	3	Horizontal	347	2.04	-	50.77	31.38	8.23	35.20

802.11g_Nss1,(6Mbps)_2TX

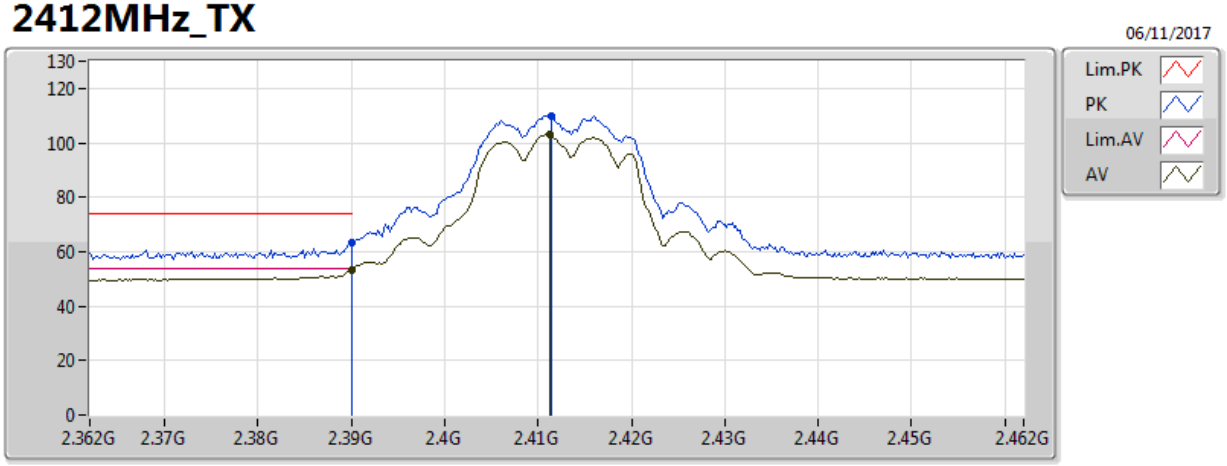
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	51.79	54.00	-2.21	32.72	3	Vertical	350	2.51	-	19.07	26.99	5.73	-
AV	2.4104G	101.25	Inf	-Inf	32.80	3	Vertical	350	2.51	-	68.45	27.05	5.75	-
PK	2.3896G	63.91	74.00	-10.09	32.72	3	Vertical	350	2.51	-	31.19	26.99	5.73	-
PK	2.4104G	108.50	Inf	-Inf	32.80	3	Vertical	350	2.51	-	75.70	27.05	5.75	-

802.11g_Nss1,(6Mbps)_2TX

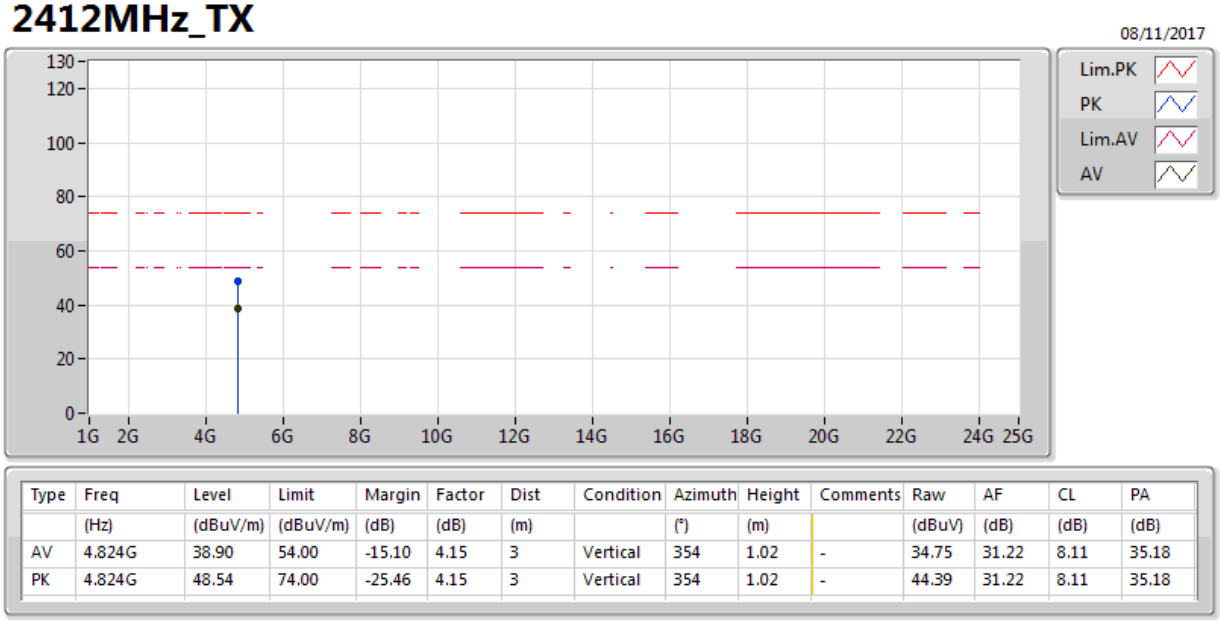
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	53.27	54.00	-0.73	32.72	3	Horizontal	15	2.11	-	20.55	26.99	5.73	-
AV	2.4112G	103.14	Inf	-Inf	32.80	3	Horizontal	15	2.11	-	70.33	27.05	5.75	-
PK	2.39G	63.18	74.00	-10.82	32.72	3	Horizontal	15	2.11	-	30.46	26.99	5.73	-
PK	2.4114G	110.04	Inf	-Inf	32.81	3	Horizontal	15	2.11	-	77.23	27.05	5.75	-

802.11g_Nss1,(6Mbps)_2TX

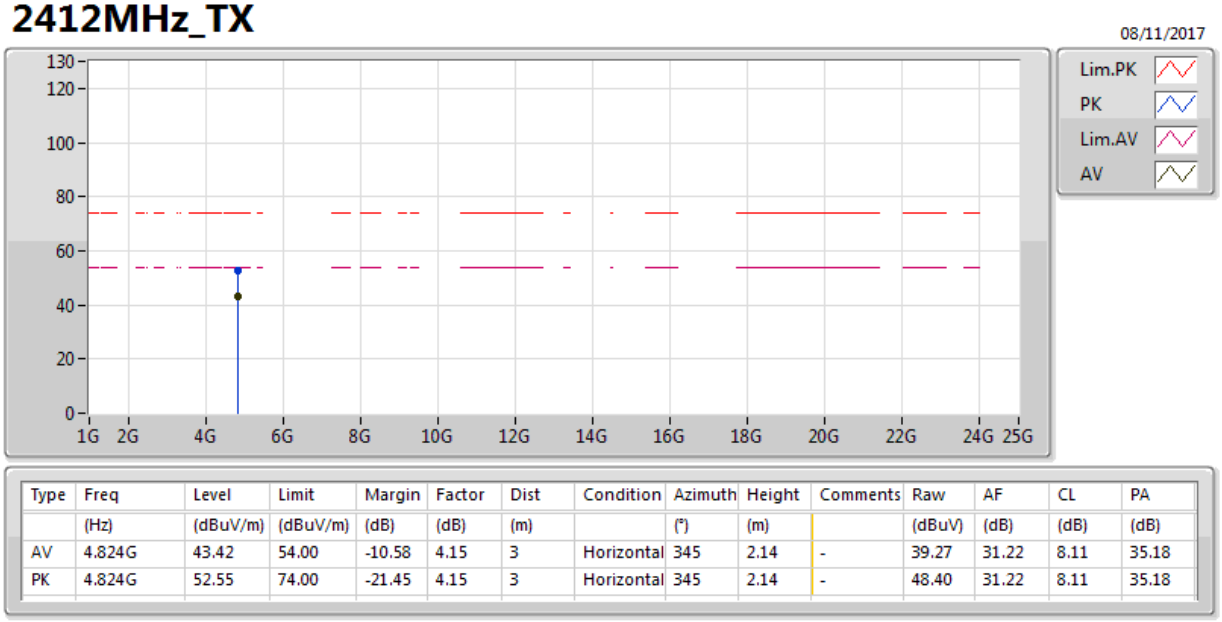
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.824G	38.90	54.00	-15.10	4.15	3	Vertical	354	1.02	-	34.75	31.22	8.11	35.18
PK	4.824G	48.54	74.00	-25.46	4.15	3	Vertical	354	1.02	-	44.39	31.22	8.11	35.18

802.11g_Nss1,(6Mbps)_2TX

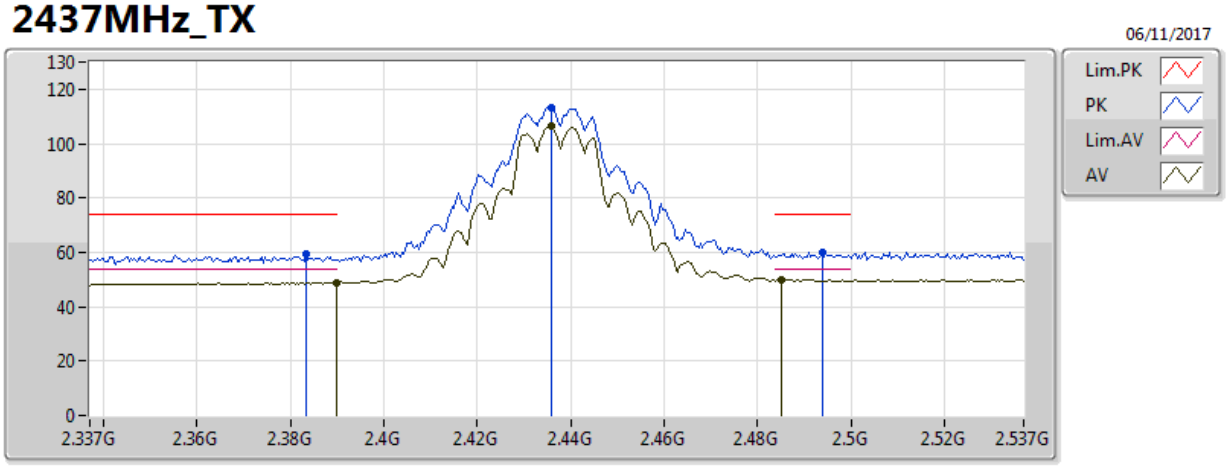
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.824G	43.42	54.00	-10.58	4.15	3	Horizontal	345	2.14	-	39.27	31.22	8.11	35.18
PK	4.824G	52.55	74.00	-21.45	4.15	3	Horizontal	345	2.14	-	48.40	31.22	8.11	35.18

802.11g_Nss1,(6Mbps)_2TX

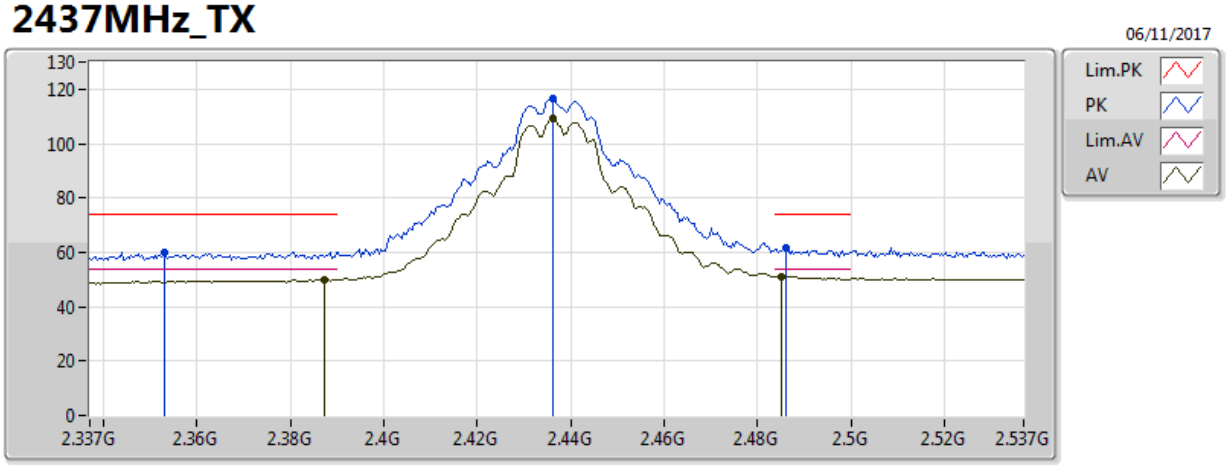
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	48.99	54.00	-5.01	32.72	3	Vertical	353	2.72	-	16.27	26.99	5.73	-
AV	2.4358G	106.28	Inf	-Inf	32.90	3	Vertical	353	2.72	-	73.38	27.12	5.78	-
AV	2.485G	50.05	54.00	-3.95	33.10	3	Vertical	353	2.72	-	16.95	27.26	5.84	-
PK	2.3834G	59.25	74.00	-14.75	32.70	3	Vertical	353	2.72	-	26.56	26.97	5.72	-
PK	2.4358G	113.10	Inf	-Inf	32.90	3	Vertical	353	2.72	-	80.20	27.12	5.78	-
PK	2.4938G	59.89	74.00	-14.11	33.14	3	Vertical	353	2.72	-	26.75	27.28	5.85	-

802.11g_Nss1,(6Mbps)_2TX

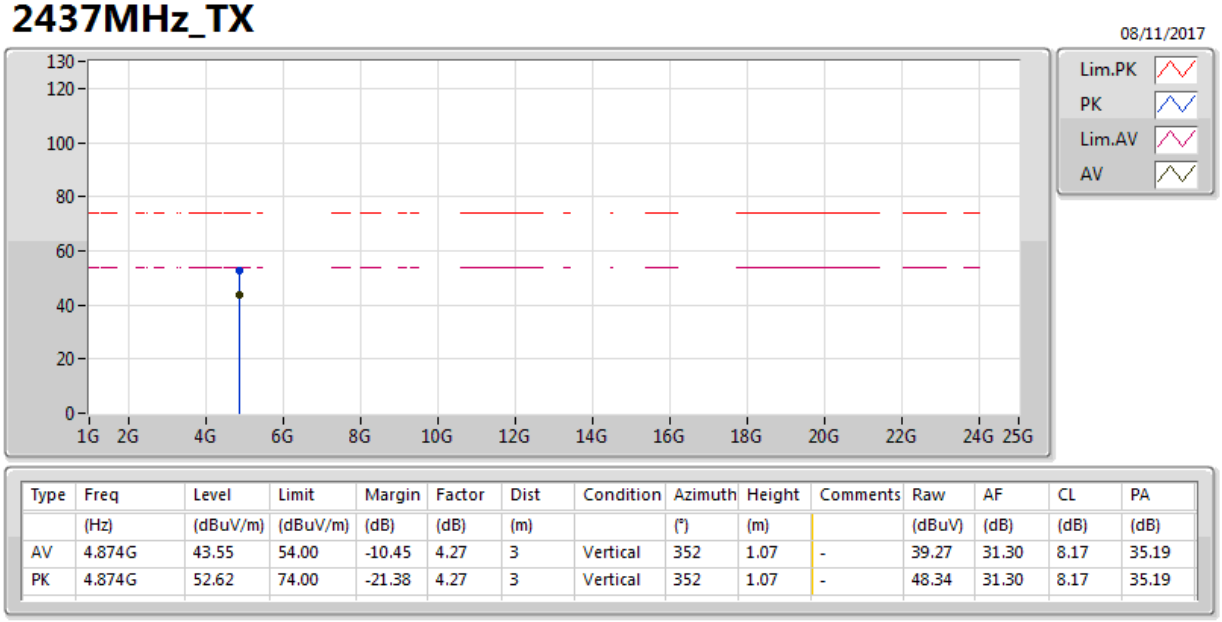
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3874G	49.89	54.00	-4.11	32.71	3	Horizontal	14	1.76	-	17.18	26.98	5.73	-
AV	2.4362G	109.29	Inf	-Inf	32.90	3	Horizontal	14	1.76	-	76.38	27.12	5.78	-
AV	2.485G	51.23	54.00	-2.77	33.10	3	Horizontal	14	1.76	-	18.13	27.26	5.84	-
PK	2.353G	60.23	74.00	-13.77	32.58	3	Horizontal	14	1.76	-	27.65	26.89	5.69	-
PK	2.4362G	116.60	Inf	-Inf	32.90	3	Horizontal	14	1.76	-	83.70	27.12	5.78	-
PK	2.4862G	61.44	74.00	-12.56	33.10	3	Horizontal	14	1.76	-	28.34	27.26	5.84	-

802.11g_Nss1,(6Mbps)_2TX

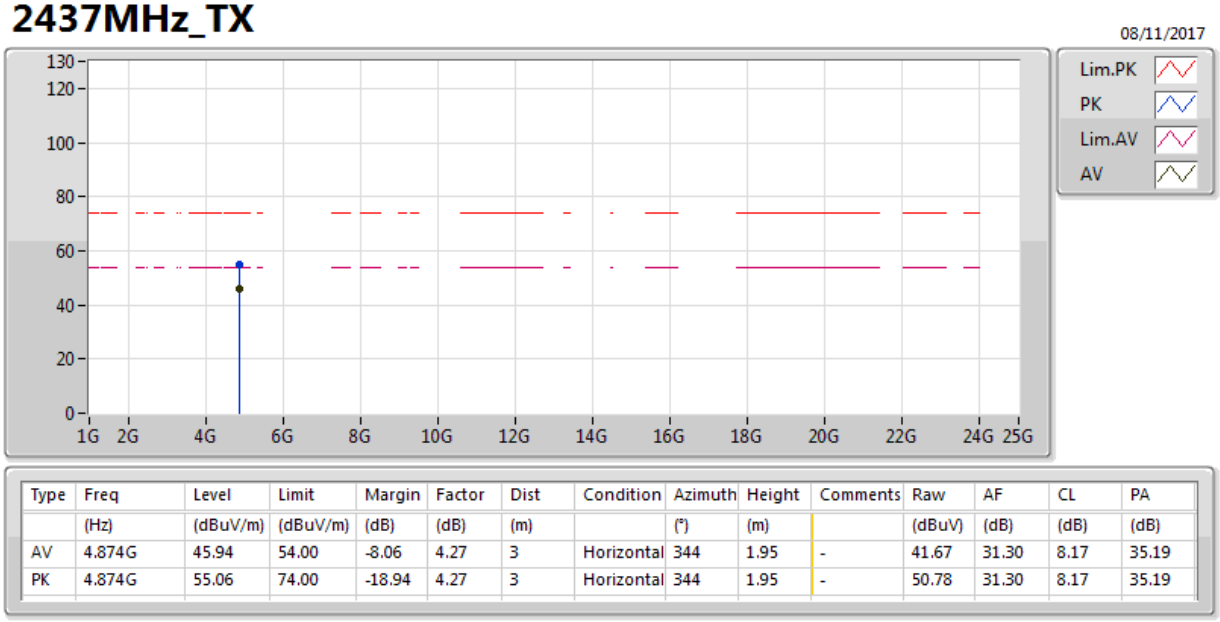
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.874G	43.55	54.00	-10.45	4.27	3	Vertical	352	1.07	-	39.27	31.30	8.17	35.19
PK	4.874G	52.62	74.00	-21.38	4.27	3	Vertical	352	1.07	-	48.34	31.30	8.17	35.19

802.11g_Nss1,(6Mbps)_2TX

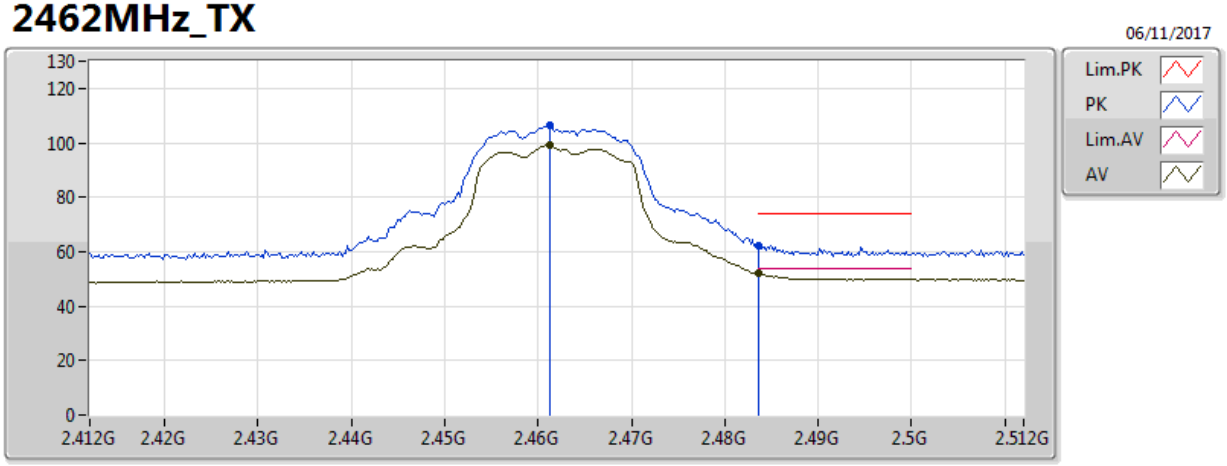
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.874G	45.94	54.00	-8.06	4.27	3	Horizontal	344	1.95	-	41.67	31.30	8.17	35.19
PK	4.874G	55.06	74.00	-18.94	4.27	3	Horizontal	344	1.95	-	50.78	31.30	8.17	35.19

802.11g_Nss1,(6Mbps)_2TX

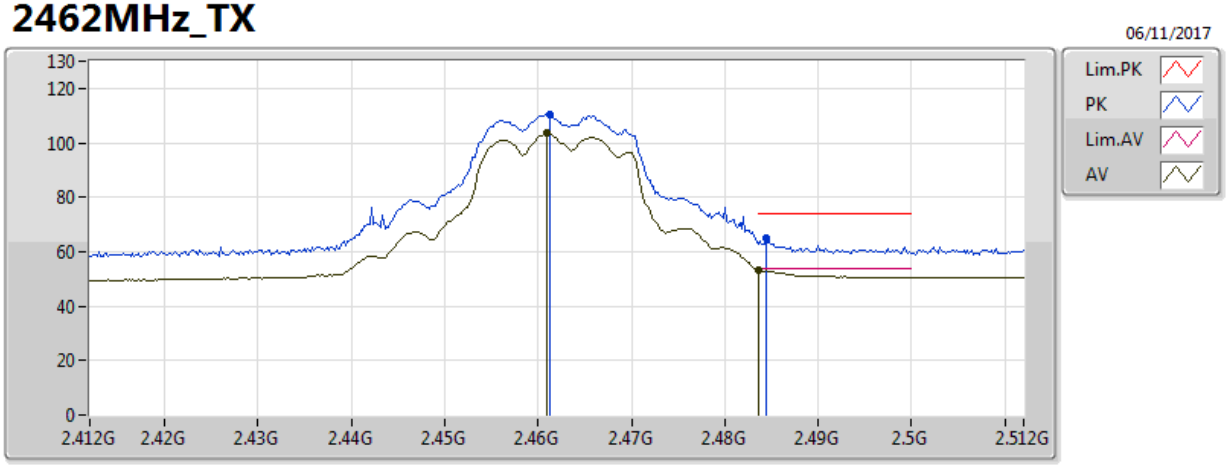
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4612G	99.41	Inf	-Inf	33.00	3	Vertical	356	1.50	-	66.41	27.19	5.81	-
AV	2.4836G	51.93	54.00	-2.07	33.09	3	Vertical	356	1.50	-	18.83	27.25	5.84	-
PK	2.4612G	106.33	Inf	-Inf	33.00	3	Vertical	356	1.50	-	73.33	27.19	5.81	-
PK	2.4836G	62.24	74.00	-11.76	33.09	3	Vertical	356	1.50	-	29.15	27.25	5.84	-

802.11g_Nss1,(6Mbps)_2TX

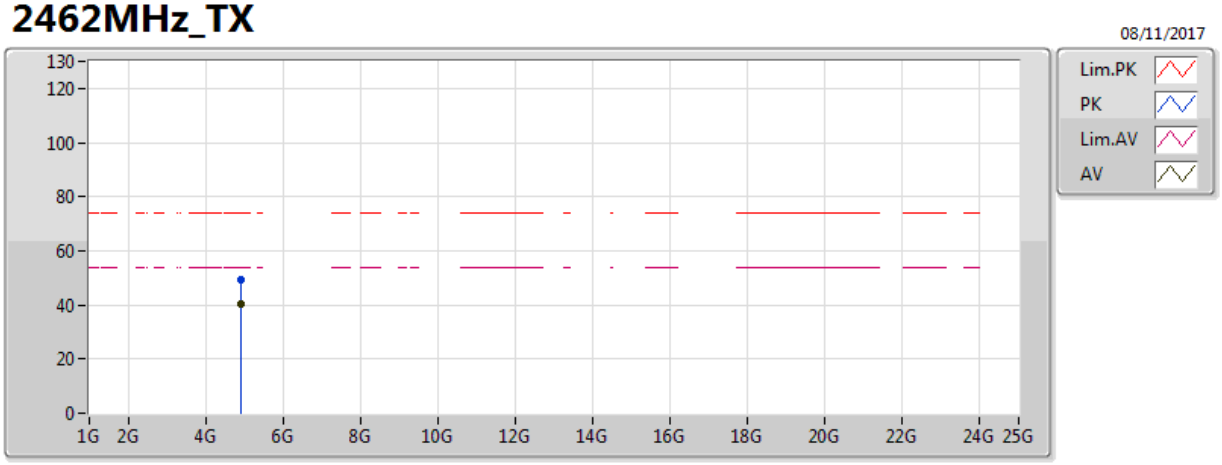
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.461G	103.53	Inf	-Inf	33.00	3	Horizontal	8	1.49	-	70.53	27.19	5.81	-
AV	2.4836G	53.39	54.00	-0.61	33.09	3	Horizontal	8	1.49	-	20.30	27.25	5.84	-
PK	2.4612G	110.51	Inf	-Inf	33.00	3	Horizontal	8	1.49	-	77.51	27.19	5.81	-
PK	2.4844G	65.09	74.00	-8.91	33.10	3	Horizontal	8	1.49	-	31.99	27.26	5.84	-

802.11g_Nss1,(6Mbps)_2TX

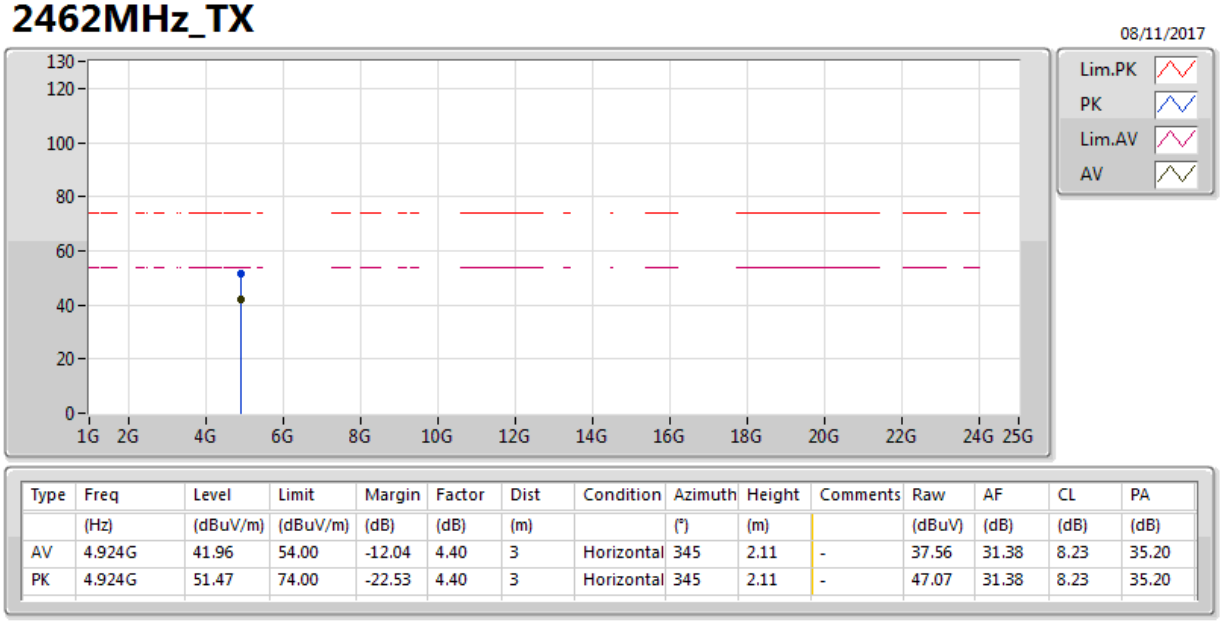
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.924G	40.52	54.00	-13.48	4.40	3	Vertical	353	1.06	-	36.12	31.38	8.23	35.20
PK	4.924G	49.32	74.00	-24.68	4.40	3	Vertical	353	1.06	-	44.92	31.38	8.23	35.20

802.11g_Nss1,(6Mbps)_2TX

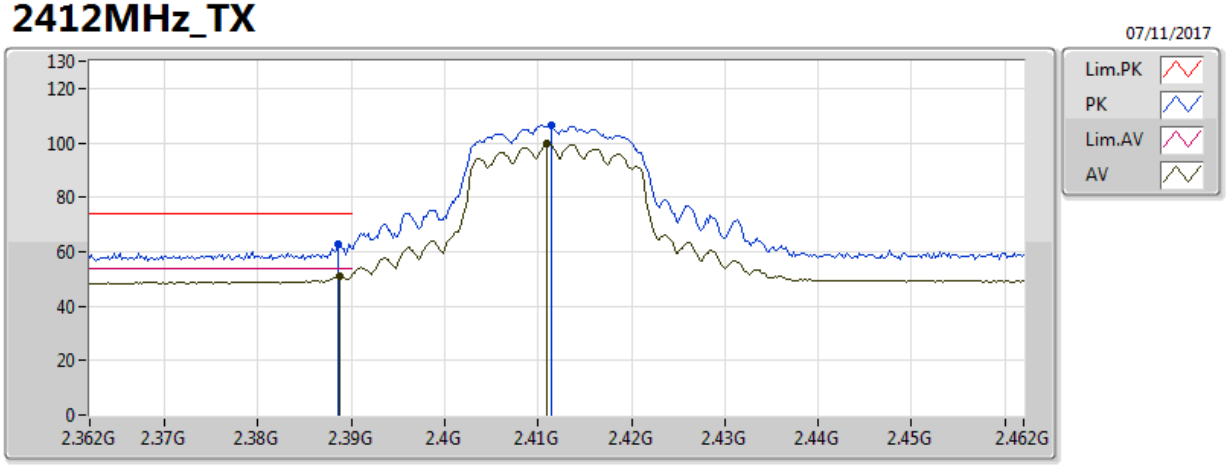
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.924G	41.96	54.00	-12.04	4.40	3	Horizontal	345	2.11	-	37.56	31.38	8.23	35.20
PK	4.924G	51.47	74.00	-22.53	4.40	3	Horizontal	345	2.11	-	47.07	31.38	8.23	35.20

802.11n HT20_Nss1,(MCS0)_2TX

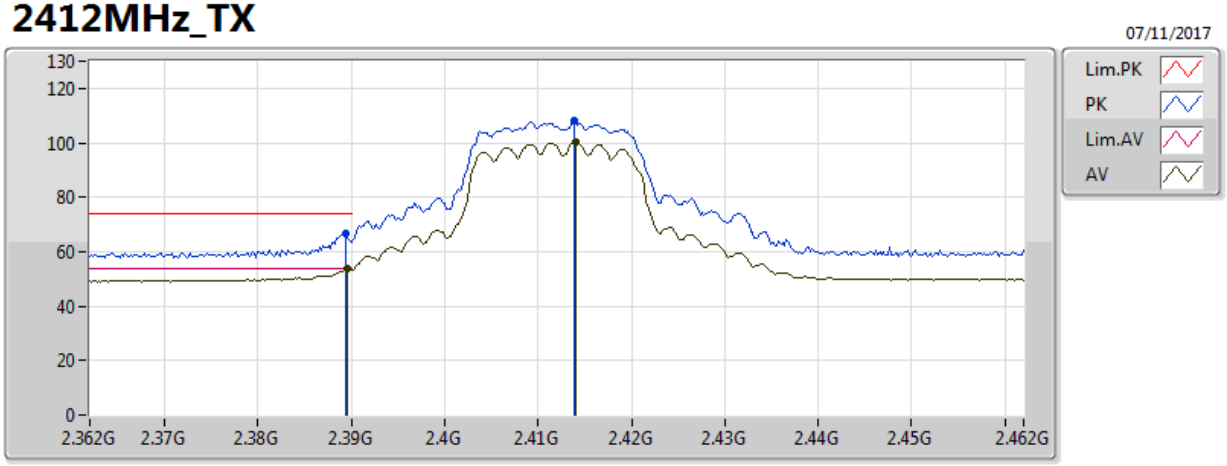
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3888G	50.80	54.00	-3.20	32.72	3	Vertical	345	2.50	-	18.08	26.99	5.73	-
AV	2.411G	99.64	Inf	-Inf	32.80	3	Vertical	345	2.50	-	66.84	27.05	5.75	-
PK	2.3886G	62.72	74.00	-11.28	32.72	3	Vertical	345	2.50	-	30.00	26.99	5.73	-
PK	2.4114G	106.33	Inf	-Inf	32.81	3	Vertical	345	2.50	-	73.52	27.05	5.75	-

802.11n HT20_Nss1,(MCS0)_2TX

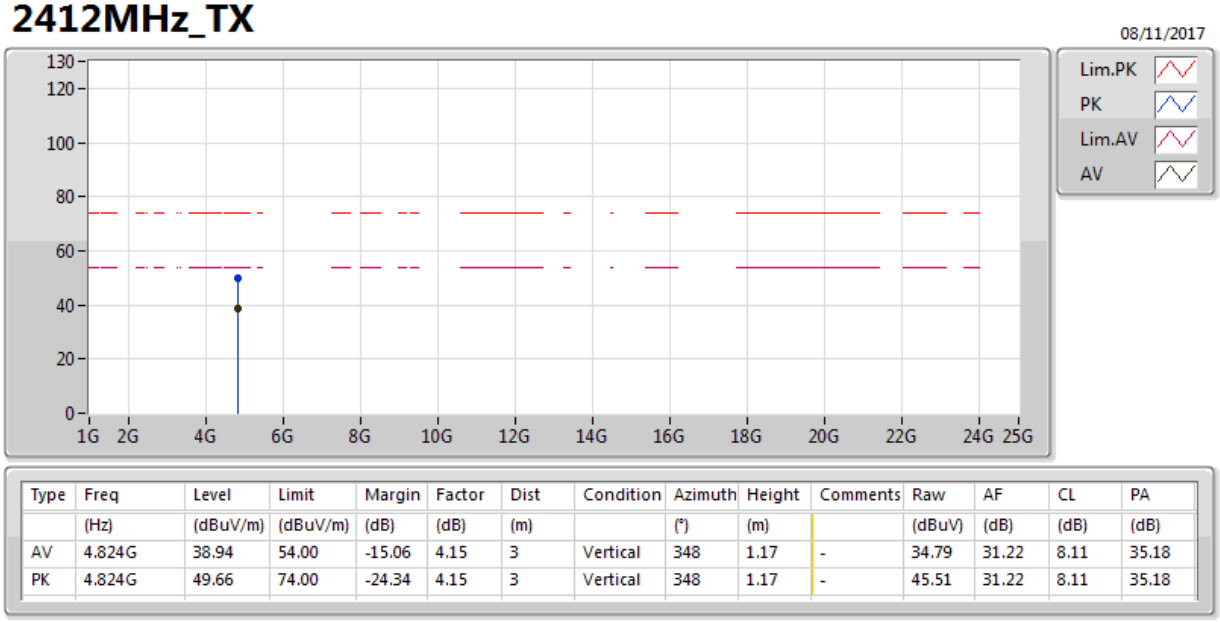
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3896G	53.84	54.00	-0.16	32.72	3	Horizontal	15	1.50	-	21.12	26.99	5.73	-
AV	2.414G	100.25	Inf	-Inf	32.82	3	Horizontal	15	1.50	-	67.43	27.06	5.76	-
PK	2.3894G	66.43	74.00	-7.57	32.72	3	Horizontal	15	1.50	-	33.72	26.99	5.73	-
PK	2.4138G	108.08	Inf	-Inf	32.82	3	Horizontal	15	1.50	-	75.27	27.06	5.76	-

802.11n HT20_Nss1,(MCS0)_2TX

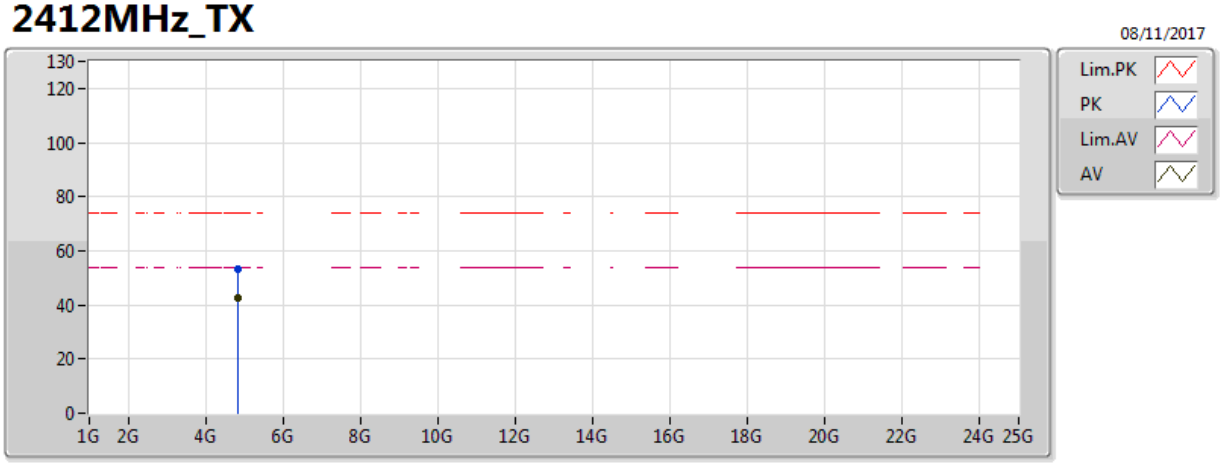
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.824G	38.94	54.00	-15.06	4.15	3	Vertical	348	1.17	-	34.79	31.22	8.11	35.18
PK	4.824G	49.66	74.00	-24.34	4.15	3	Vertical	348	1.17	-	45.51	31.22	8.11	35.18

802.11n HT20_Nss1,(MCS0)_2TX

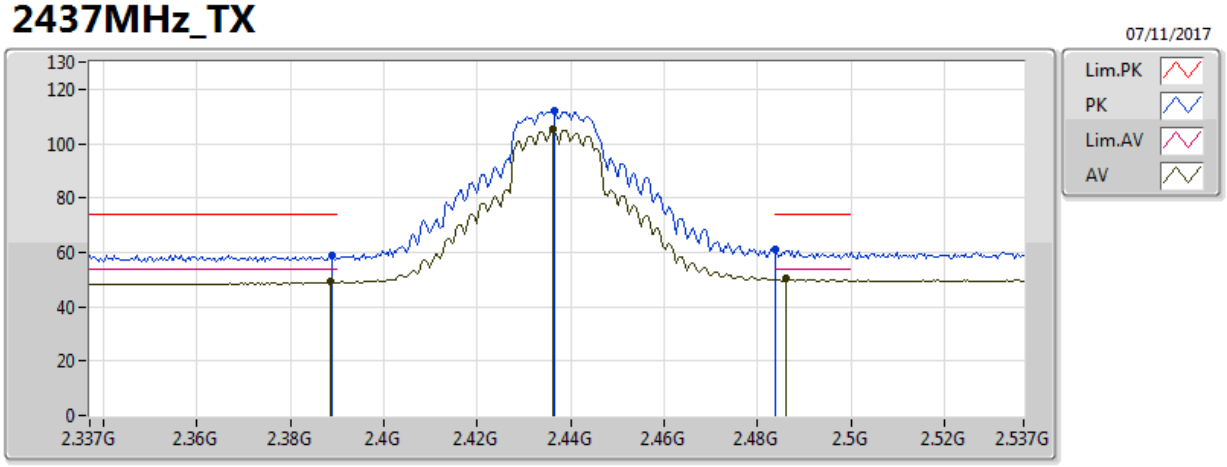
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.824G	42.50	54.00	-11.50	4.15	3	Horizontal	347	2.07	-	38.35	31.22	8.11	35.18
PK	4.824G	53.28	74.00	-20.72	4.15	3	Horizontal	347	2.07	-	49.13	31.22	8.11	35.18

802.11n HT20_Nss1,(MCS0)_2TX

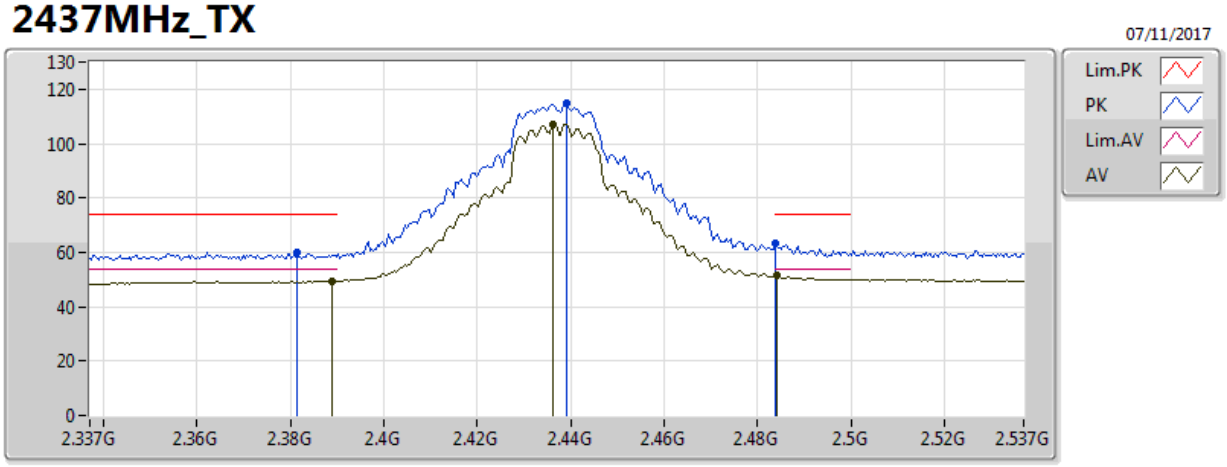
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3886G	49.16	54.00	-4.84	32.72	3	Vertical	351	2.72	-	16.45	26.99	5.73	-
AV	2.4362G	105.49	Inf	-Inf	32.90	3	Vertical	351	2.72	-	72.59	27.12	5.78	-
AV	2.4862G	50.21	54.00	-3.79	33.10	3	Vertical	351	2.72	-	17.11	27.26	5.84	-
PK	2.389G	58.99	74.00	-15.01	32.72	3	Vertical	351	2.72	-	26.27	26.99	5.73	-
PK	2.4366G	112.25	Inf	-Inf	32.91	3	Vertical	351	2.72	-	79.34	27.12	5.78	-
PK	2.4838G	60.88	74.00	-13.12	33.10	3	Vertical	351	2.72	-	27.78	27.25	5.84	-

802.11n HT20_Nss1,(MCS0)_2TX

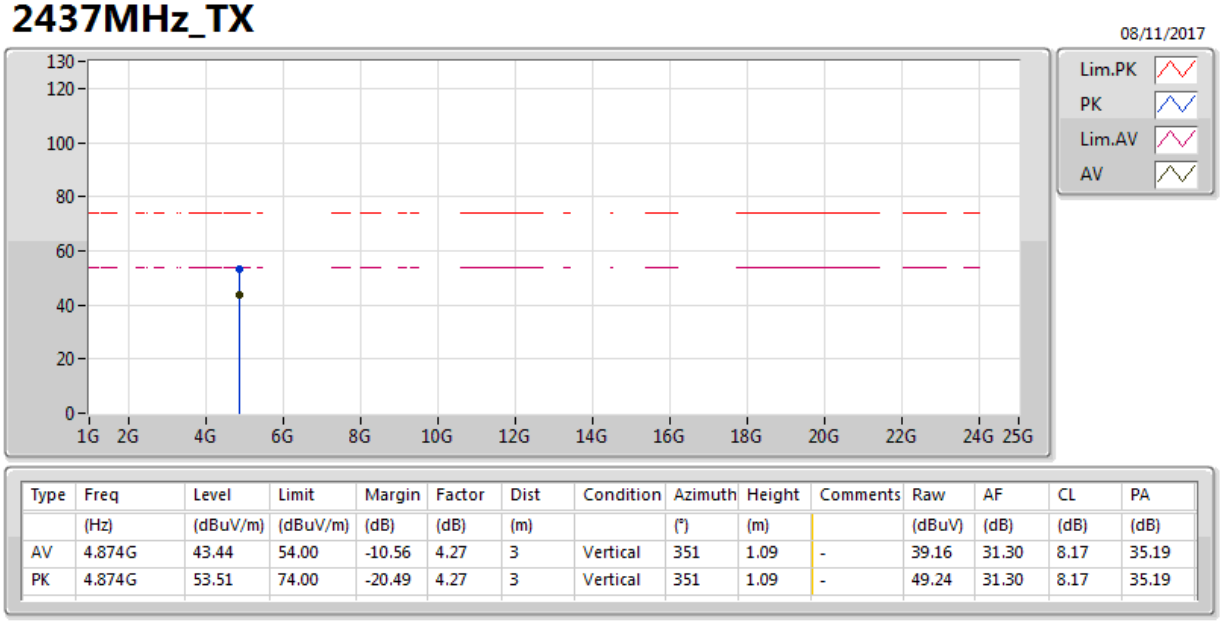
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.389G	49.55	54.00	-4.45	32.72	3	Horizontal	6	1.76	-	16.84	26.99	5.73	-
AV	2.4362G	107.02	Inf	-Inf	32.90	3	Horizontal	6	1.76	-	74.12	27.12	5.78	-
AV	2.4842G	51.31	54.00	-2.69	33.10	3	Horizontal	6	1.76	-	18.21	27.26	5.84	-
PK	2.3814G	59.78	74.00	-14.22	32.69	3	Horizontal	6	1.76	-	27.09	26.97	5.72	-
PK	2.439G	114.89	Inf	-Inf	32.92	3	Horizontal	6	1.76	-	81.97	27.13	5.79	-
PK	2.4838G	63.24	74.00	-10.76	33.10	3	Horizontal	6	1.76	-	30.14	27.25	5.84	-

802.11n HT20_Nss1,(MCS0)_2TX

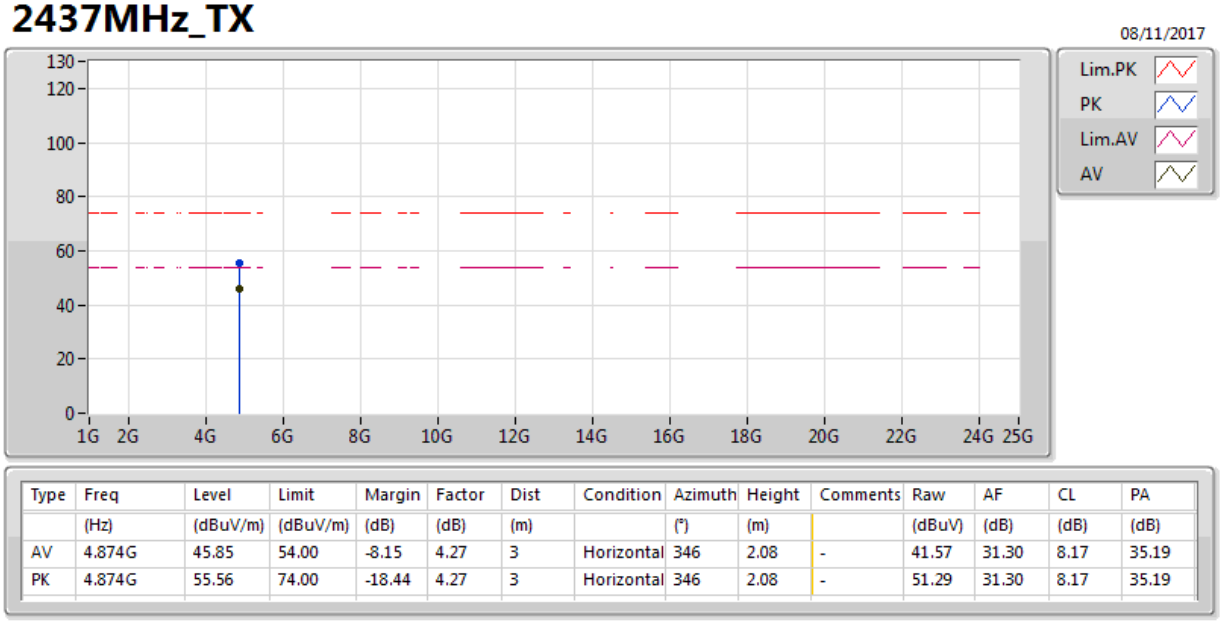
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.874G	43.44	54.00	-10.56	4.27	3	Vertical	351	1.09	-	39.16	31.30	8.17	35.19
PK	4.874G	53.51	74.00	-20.49	4.27	3	Vertical	351	1.09	-	49.24	31.30	8.17	35.19

802.11n HT20_Nss1,(MCS0)_2TX

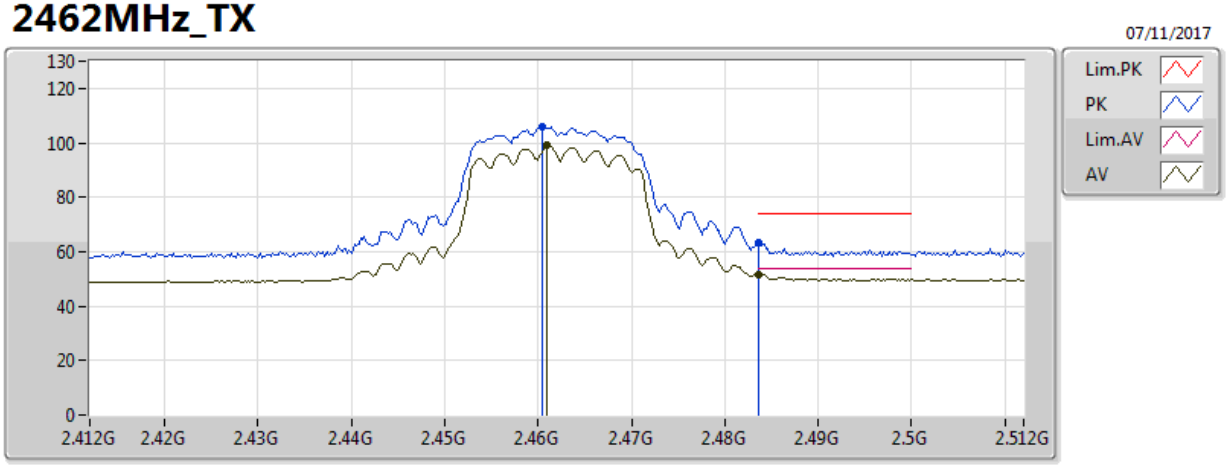
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.874G	45.85	54.00	-8.15	4.27	3	Horizontal	346	2.08	-	41.57	31.30	8.17	35.19
PK	4.874G	55.56	74.00	-18.44	4.27	3	Horizontal	346	2.08	-	51.29	31.30	8.17	35.19

802.11n HT20_Nss1,(MCS0)_2TX

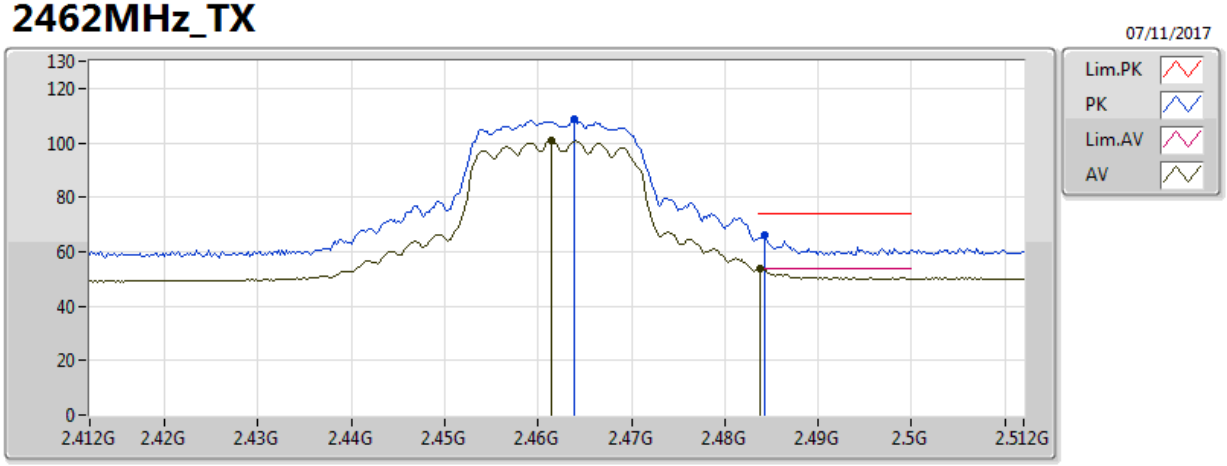
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.461G	98.96	Inf	-Inf	33.00	3	Vertical	350	2.67	-	65.96	27.19	5.81	-
AV	2.4836G	51.79	54.00	-2.21	33.09	3	Vertical	350	2.67	-	18.70	27.25	5.84	-
PK	2.4604G	105.73	Inf	-Inf	33.00	3	Vertical	350	2.67	-	72.73	27.19	5.81	-
PK	2.4836G	63.20	74.00	-10.80	33.09	3	Vertical	350	2.67	-	30.11	27.25	5.84	-

802.11n HT20_Nss1,(MCS0)_2TX

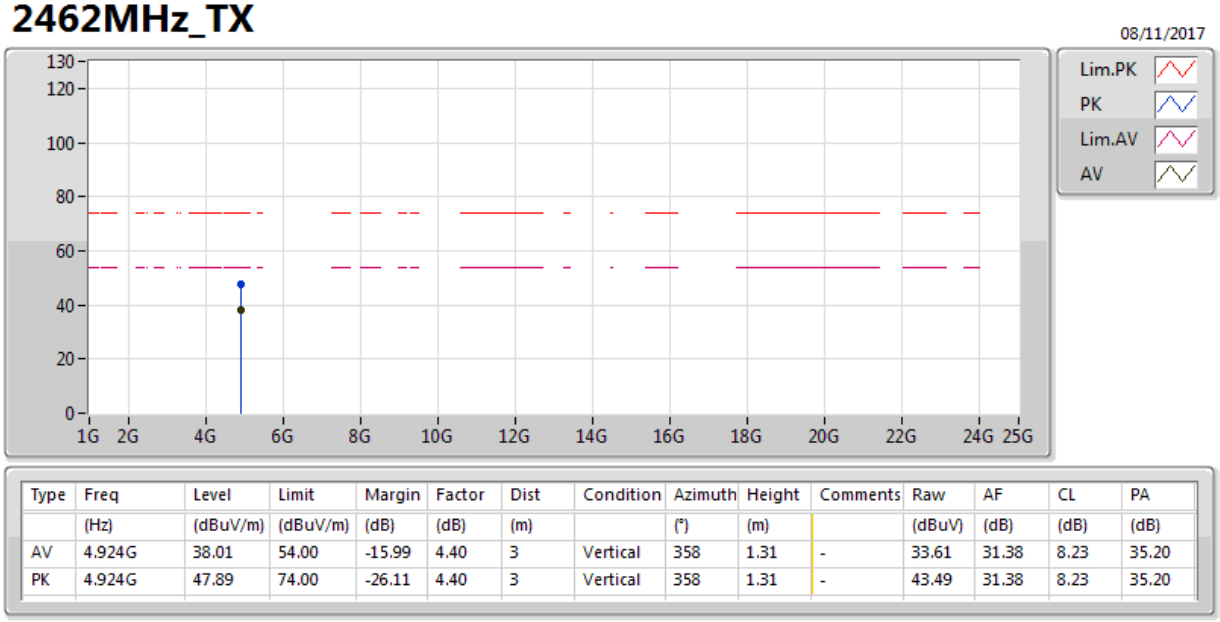
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4614G	100.63	Inf	-Inf	33.01	3	Horizontal	4	1.19	-	67.62	27.19	5.81	-
AV	2.4838G	53.53	54.00	-0.47	33.10	3	Horizontal	4	1.19	-	20.44	27.25	5.84	-
PK	2.4638G	108.72	Inf	-Inf	33.02	3	Horizontal	4	1.19	-	75.71	27.20	5.82	-
PK	2.4842G	66.08	74.00	-7.92	33.10	3	Horizontal	4	1.19	-	32.98	27.26	5.84	-

802.11n HT20_Nss1,(MCS0)_2TX

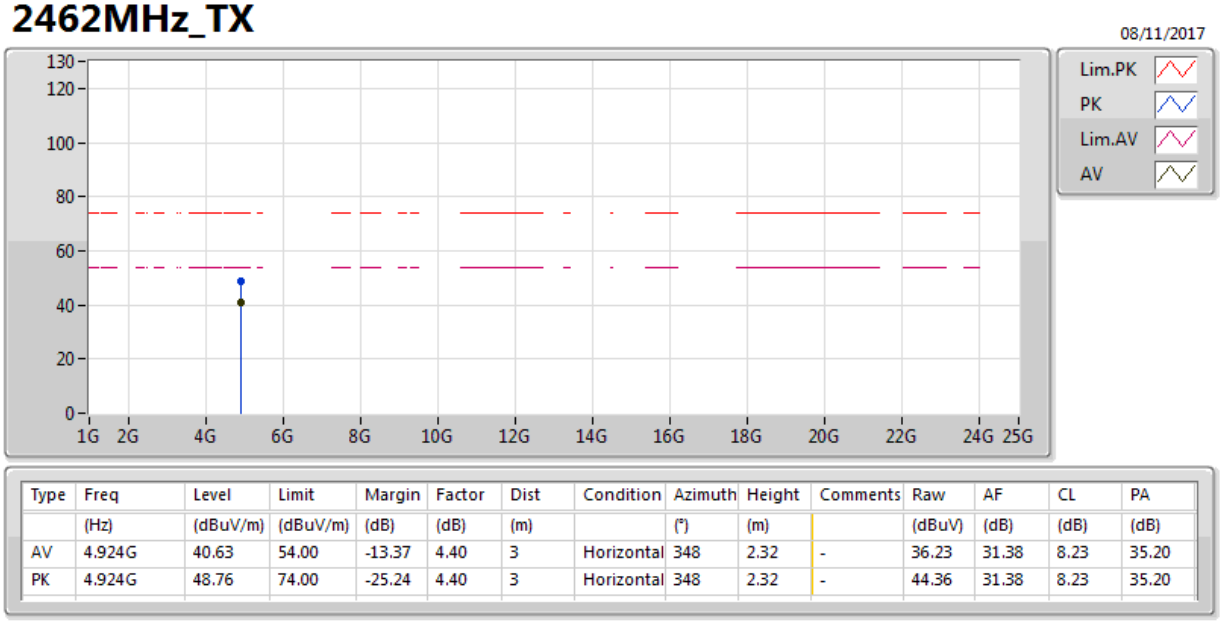
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.924G	38.01	54.00	-15.99	4.40	3	Vertical	358	1.31	-	33.61	31.38	8.23	35.20
PK	4.924G	47.89	74.00	-26.11	4.40	3	Vertical	358	1.31	-	43.49	31.38	8.23	35.20

802.11n HT20_Nss1,(MCS0)_2TX

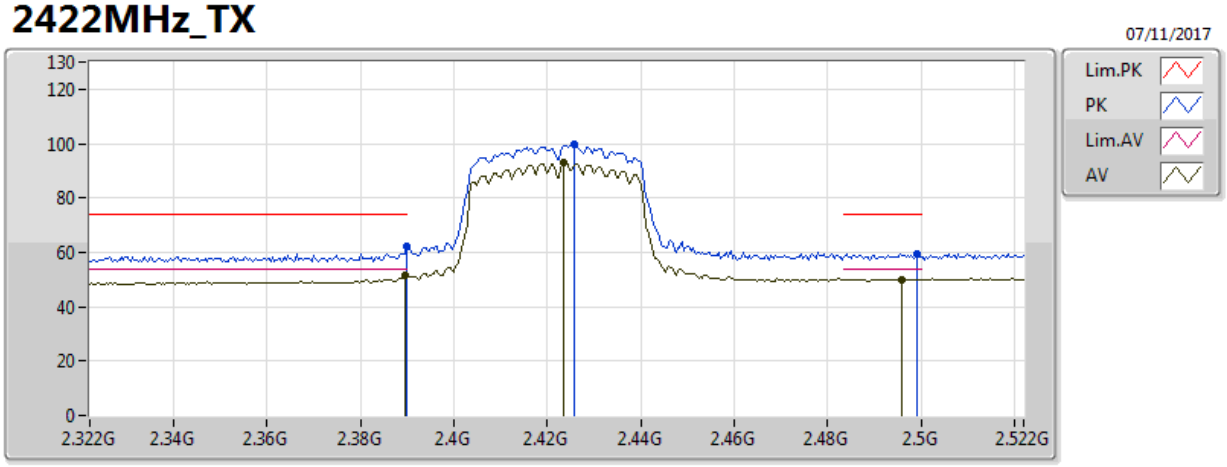
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.924G	40.63	54.00	-13.37	4.40	3	Horizontal	348	2.32	-	36.23	31.38	8.23	35.20
PK	4.924G	48.76	74.00	-25.24	4.40	3	Horizontal	348	2.32	-	44.36	31.38	8.23	35.20

802.11n HT40_Nss1,(MCS0)_2TX

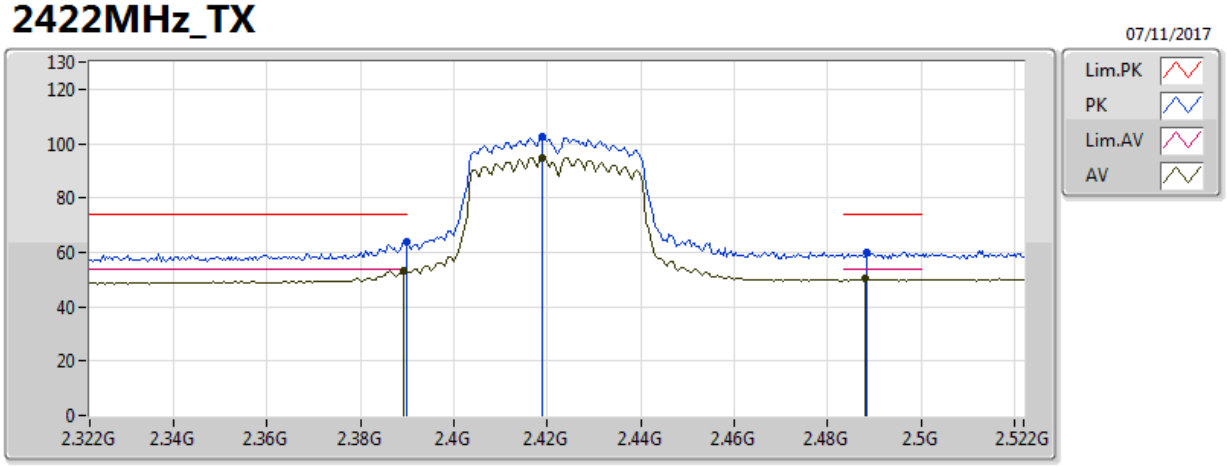
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3896G	51.40	54.00	-2.60	32.72	3	Vertical	351	2.20	-	18.68	26.99	5.73	-
AV	2.4236G	93.17	Inf	-Inf	32.85	3	Vertical	351	2.20	-	60.31	27.09	5.77	-
AV	2.496G	50.13	54.00	-3.87	33.14	3	Vertical	351	2.20	-	16.98	27.29	5.86	-
PK	2.39G	62.39	74.00	-11.61	32.72	3	Vertical	351	2.20	-	29.66	26.99	5.73	-
PK	2.4256G	99.82	Inf	-Inf	32.86	3	Vertical	351	2.20	-	66.96	27.09	5.77	-
PK	2.4992G	59.52	74.00	-14.48	33.16	3	Vertical	351	2.20	-	26.36	27.30	5.86	-

802.11n HT40_Nss1,(MCS0)_2TX

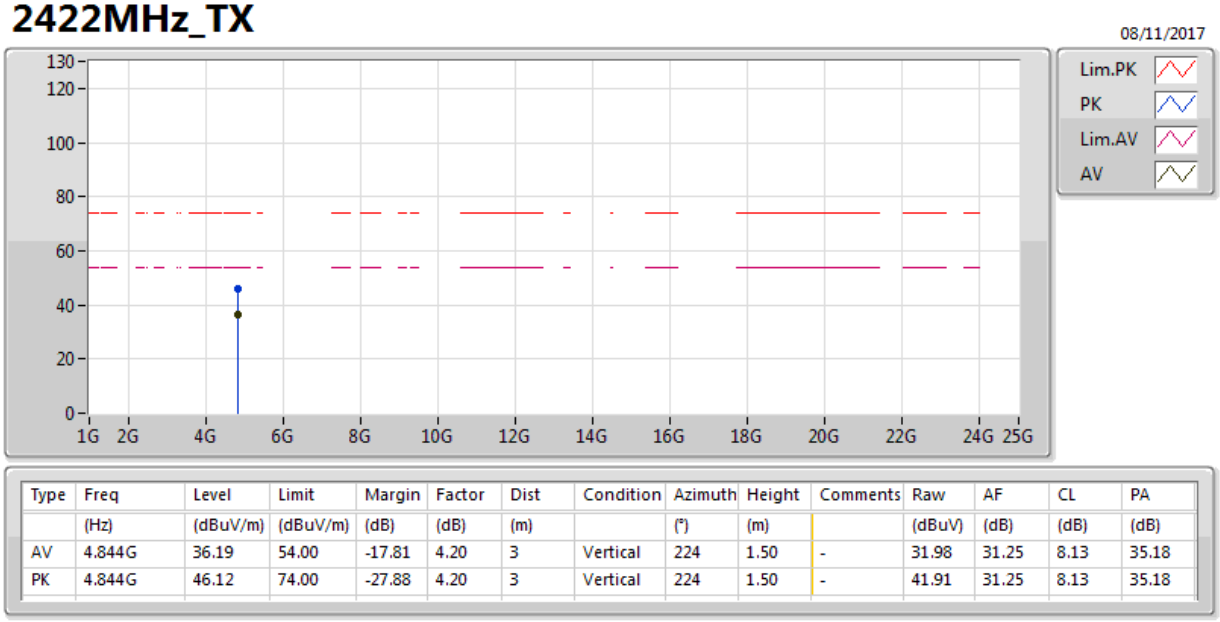
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3892G	53.21	54.00	-0.79	32.72	3	Horizontal	29	2.23	-	20.49	26.99	5.73	-
AV	2.4188G	94.96	Inf	-Inf	32.84	3	Horizontal	29	2.23	-	62.12	27.07	5.76	-
AV	2.488G	50.17	54.00	-3.83	33.11	3	Horizontal	29	2.23	-	17.06	27.27	5.85	-
PK	2.39G	63.73	74.00	-10.27	32.72	3	Horizontal	29	2.23	-	31.01	26.99	5.73	-
PK	2.4188G	102.44	Inf	-Inf	32.84	3	Horizontal	29	2.23	-	69.60	27.07	5.76	-
PK	2.4884G	59.99	74.00	-14.01	33.11	3	Horizontal	29	2.23	-	26.87	27.27	5.85	-

802.11n HT40_Nss1,(MCS0)_2TX

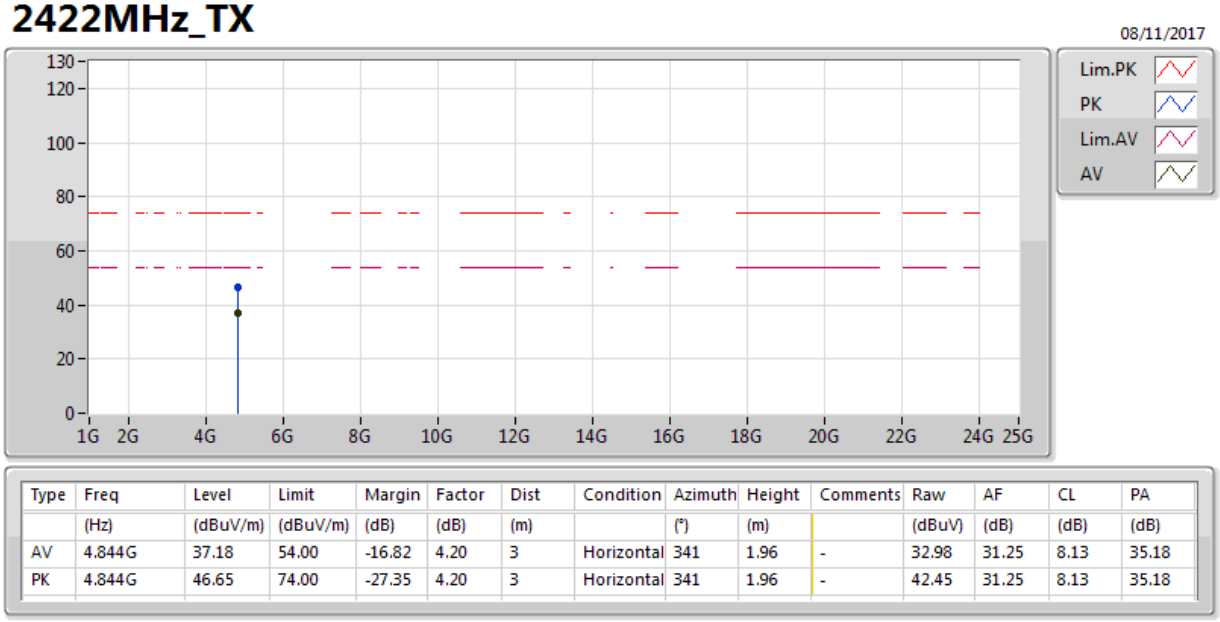
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.844G	36.19	54.00	-17.81	4.20	3	Vertical	224	1.50	-	31.98	31.25	8.13	35.18
PK	4.844G	46.12	74.00	-27.88	4.20	3	Vertical	224	1.50	-	41.91	31.25	8.13	35.18

802.11n HT40_Nss1,(MCS0)_2TX

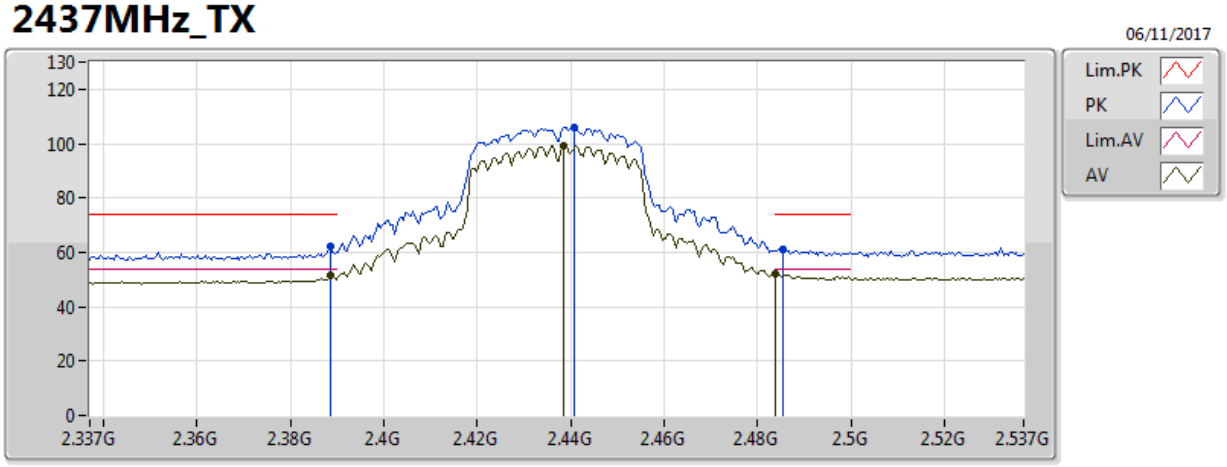
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.844G	37.18	54.00	-16.82	4.20	3	Horizontal	341	1.96	-	32.98	31.25	8.13	35.18
PK	4.844G	46.65	74.00	-27.35	4.20	3	Horizontal	341	1.96	-	42.45	31.25	8.13	35.18

802.11n HT40_Nss1,(MCS0)_2TX

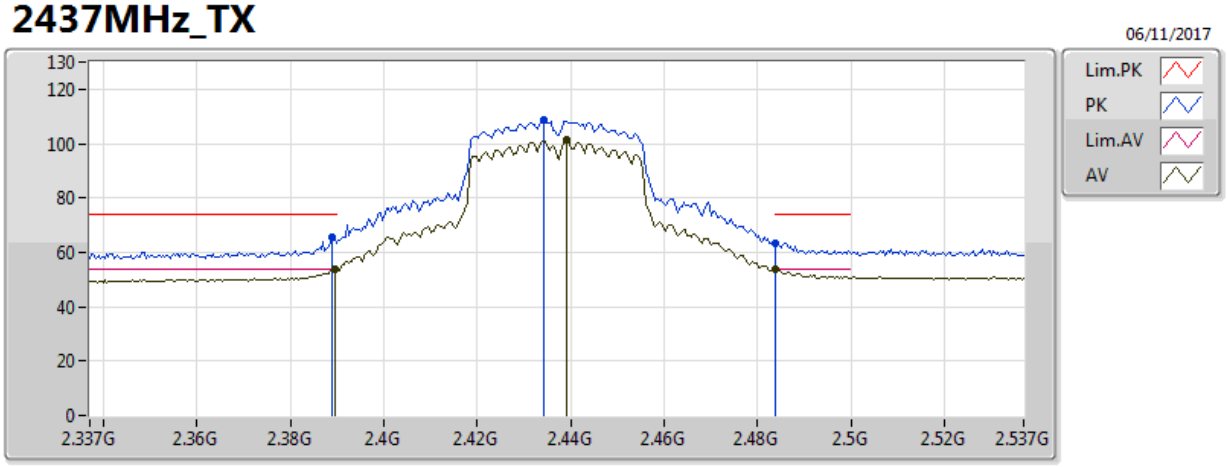
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3886G	51.33	54.00	-2.67	32.72	3	Vertical	351	2.72	-	18.61	26.99	5.73	-
AV	2.4386G	99.28	Inf	-Inf	32.91	3	Vertical	351	2.72	-	66.36	27.13	5.79	-
AV	2.4838G	52.20	54.00	-1.80	33.10	3	Vertical	351	2.72	-	19.11	27.25	5.84	-
PK	2.3886G	62.27	74.00	-11.73	32.72	3	Vertical	351	2.72	-	29.55	26.99	5.73	-
PK	2.4406G	106.09	Inf	-Inf	32.92	3	Vertical	351	2.72	-	73.17	27.13	5.79	-
PK	2.4854G	61.31	74.00	-12.69	33.10	3	Vertical	351	2.72	-	28.21	27.26	5.84	-

802.11n HT40_Nss1,(MCS0)_2TX

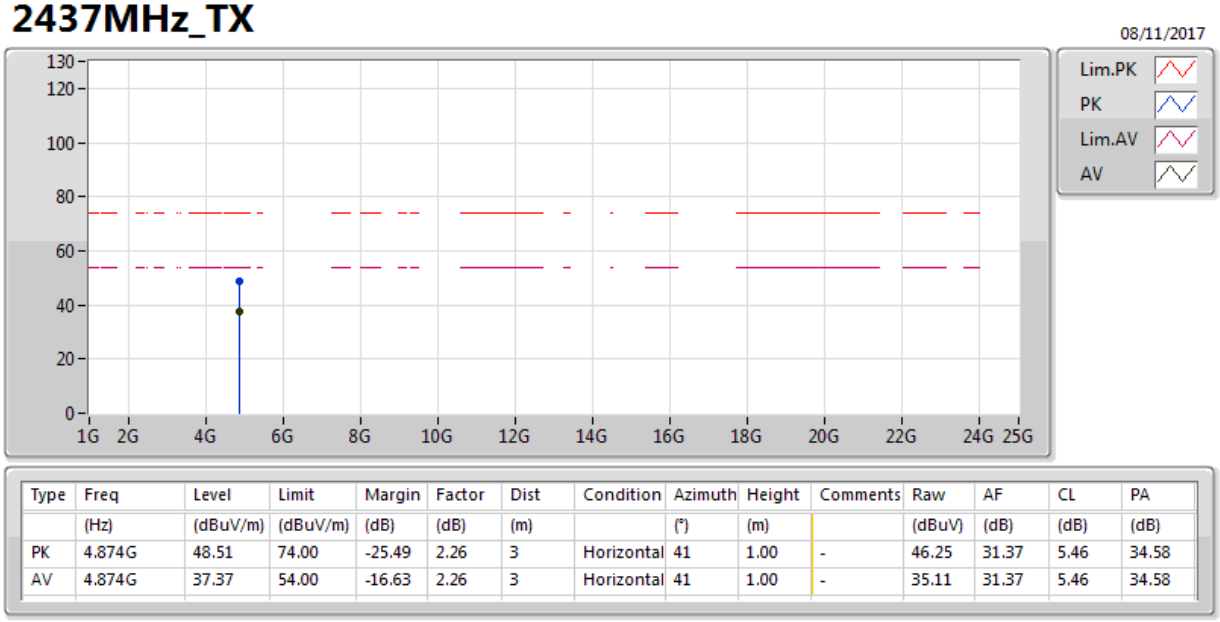
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3894G	53.88	54.00	-0.12	32.72	3	Horizontal	18	1.78	-	21.16	26.99	5.73	-
AV	2.439G	101.16	Inf	-Inf	32.92	3	Horizontal	18	1.78	-	68.24	27.13	5.79	-
AV	2.4838G	53.77	54.00	-0.23	33.10	3	Horizontal	18	1.78	-	20.68	27.25	5.84	-
PK	2.389G	65.46	74.00	-8.54	32.72	3	Horizontal	18	1.78	-	32.75	26.99	5.73	-
PK	2.4342G	108.46	Inf	-Inf	32.90	3	Horizontal	18	1.78	-	75.56	27.12	5.78	-
PK	2.4838G	63.56	74.00	-10.44	33.10	3	Horizontal	18	1.78	-	30.46	27.25	5.84	-

802.11n HT40_Nss1,(MCS0)_2TX

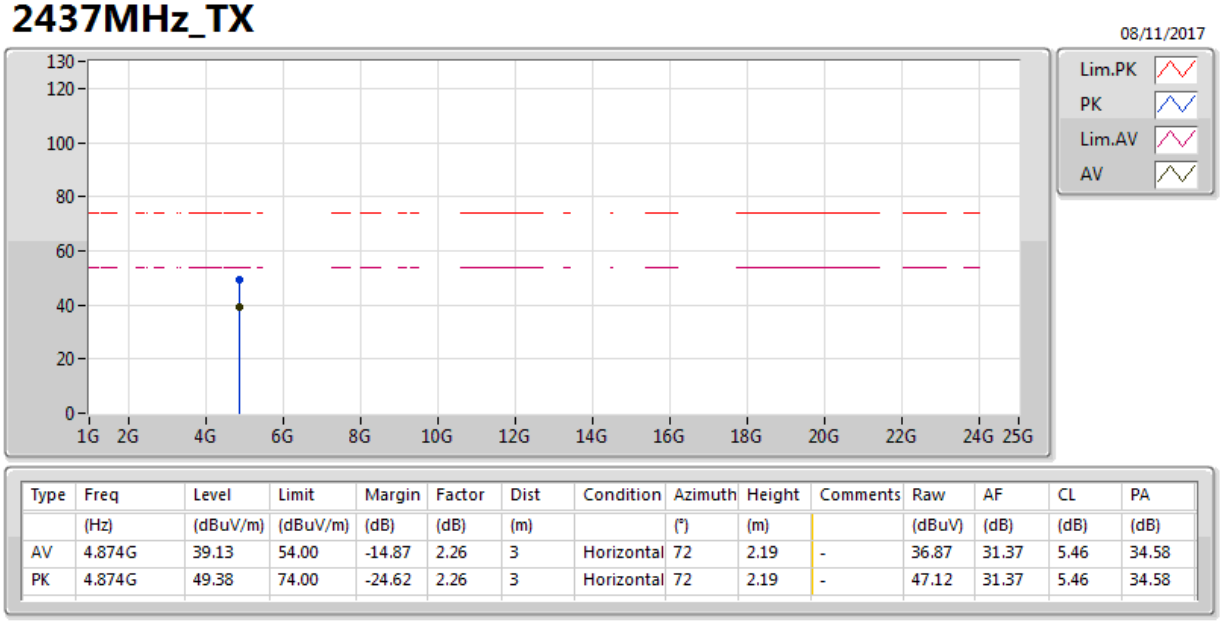
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	4.874G	48.51	74.00	-25.49	2.26	3	Horizontal	41	1.00	-	46.25	31.37	5.46	34.58
AV	4.874G	37.37	54.00	-16.63	2.26	3	Horizontal	41	1.00	-	35.11	31.37	5.46	34.58

802.11n HT40_Nss1,(MCS0)_2TX

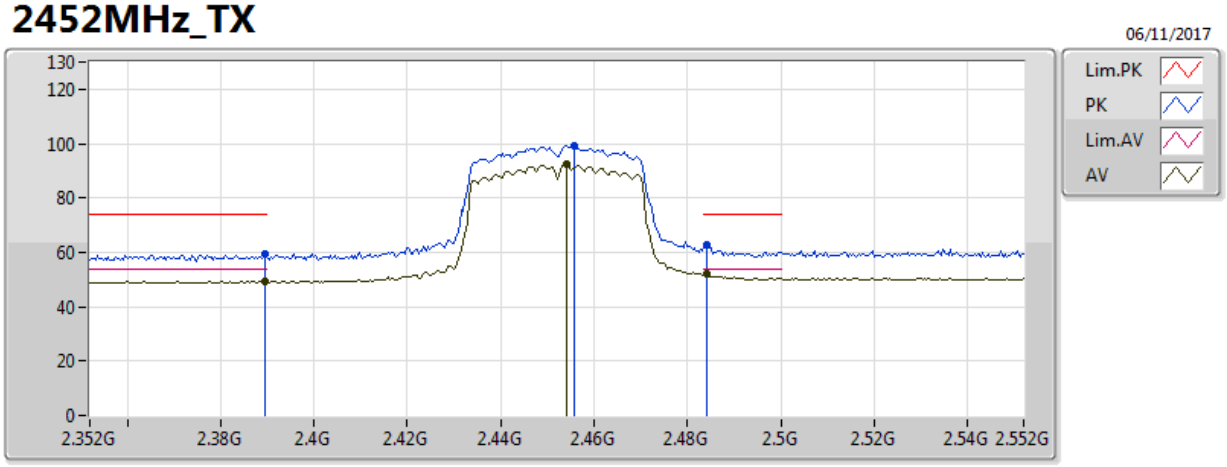
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.874G	39.13	54.00	-14.87	2.26	3	Horizontal	72	2.19	-	36.87	31.37	5.46	34.58
PK	4.874G	49.38	74.00	-24.62	2.26	3	Horizontal	72	2.19	-	47.12	31.37	5.46	34.58

802.11n HT40_Nss1,(MCS0)_2TX

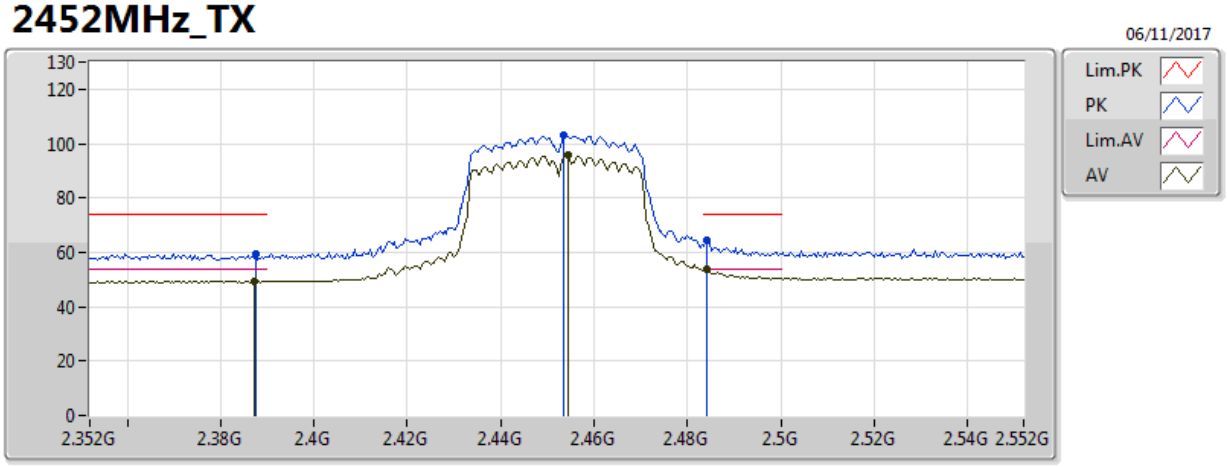
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3896G	49.35	54.00	-4.65	32.72	3	Vertical	355	1.49	-	16.63	26.99	5.73	-
AV	2.454G	92.56	Inf	-Inf	32.98	3	Vertical	355	1.49	-	59.58	27.17	5.80	-
AV	2.484G	52.05	54.00	-1.95	33.10	3	Vertical	355	1.49	-	18.95	27.26	5.84	-
PK	2.3896G	59.25	74.00	-14.75	32.72	3	Vertical	355	1.49	-	26.53	26.99	5.73	-
PK	2.4556G	99.03	Inf	-Inf	32.98	3	Vertical	355	1.49	-	66.05	27.18	5.81	-
PK	2.484G	62.88	74.00	-11.12	33.10	3	Vertical	355	1.49	-	29.78	27.26	5.84	-

802.11n HT40_Nss1,(MCS0)_2TX

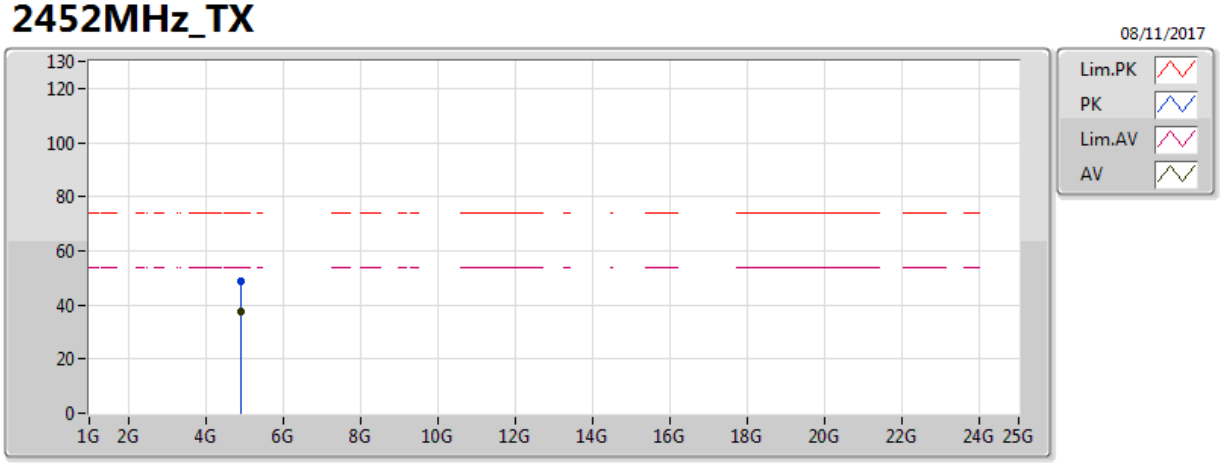
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3872G	49.59	54.00	-4.41	32.71	3	Horizontal	12	1.50	-	16.88	26.98	5.73	-
AV	2.4544G	95.78	Inf	-Inf	32.98	3	Horizontal	12	1.50	-	62.80	27.17	5.81	-
AV	2.484G	53.71	54.00	-0.29	33.10	3	Horizontal	12	1.50	-	20.61	27.26	5.84	-
PK	2.3876G	59.22	74.00	-14.78	32.71	3	Horizontal	12	1.50	-	26.51	26.99	5.73	-
PK	2.4536G	102.95	Inf	-Inf	32.97	3	Horizontal	12	1.50	-	69.97	27.17	5.80	-
PK	2.484G	64.47	74.00	-9.53	33.10	3	Horizontal	12	1.50	-	31.37	27.26	5.84	-

802.11n HT40_Nss1,(MCS0)_2TX

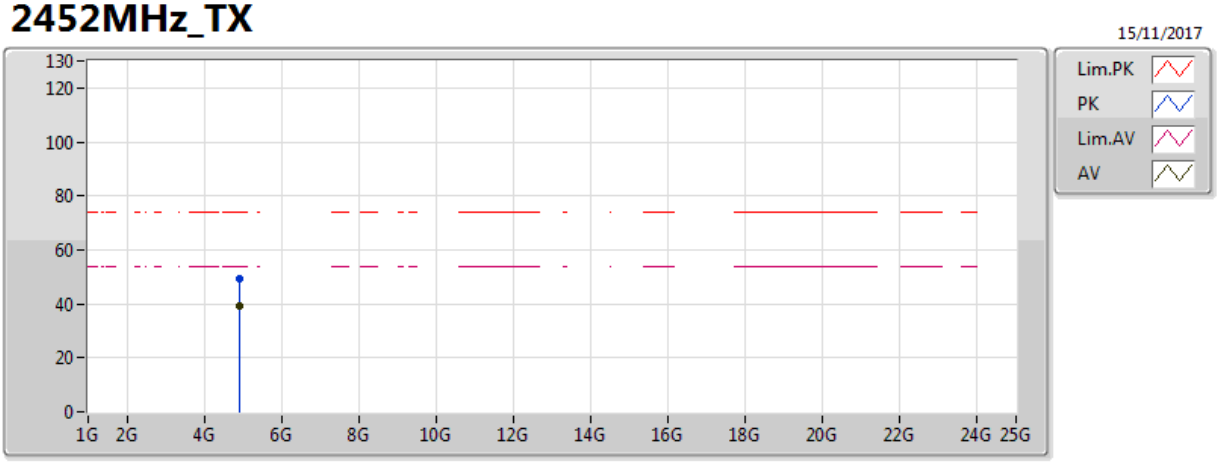
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.904G	37.46	54.00	-16.54	2.35	3	Horizontal	328	1.14	-	35.11	31.43	5.49	34.57
PK	4.904G	48.60	74.00	-25.40	2.35	3	Horizontal	328	1.14	-	46.25	31.43	5.49	34.57

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

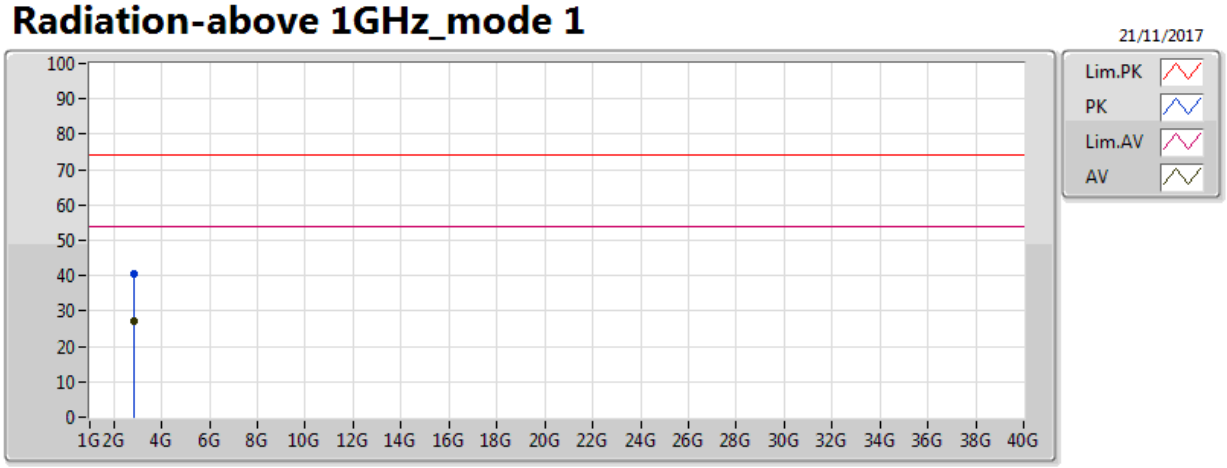


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.904G	39.22	54.00	-14.78	2.35	3	Horizontal	92	1.78	-	36.87	31.43	5.49	34.57
PK	4.904G	49.47	74.00	-24.53	2.35	3	Horizontal	92	1.78	-	47.12	31.43	5.49	34.57

Summary

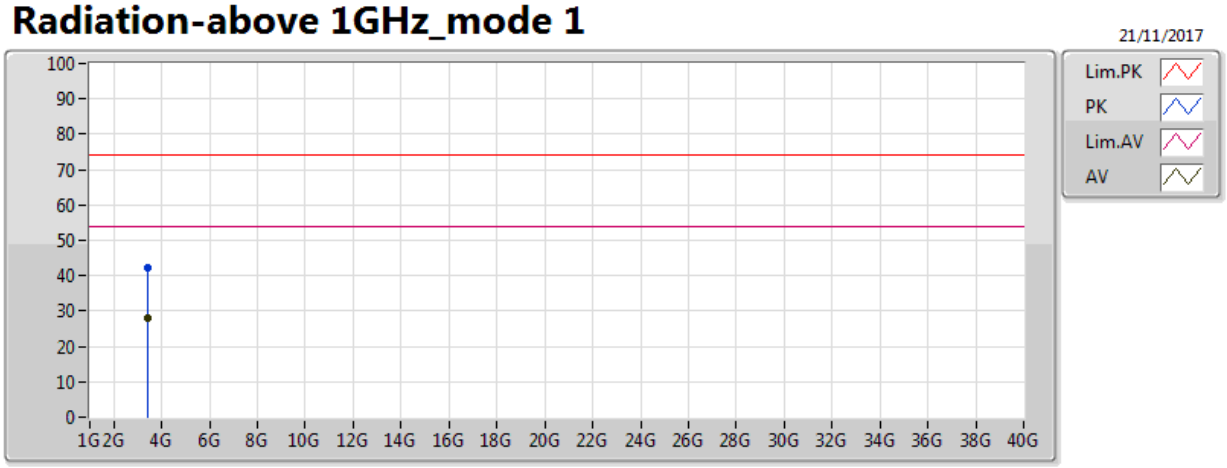
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
mode 1	Pass	AV	3.405G	28.13	54.00	-25.87	-1.77	3	Horizontal	0	1.00	-
mode 2	Pass	AV	3.442G	28.22	54.00	-25.78	-1.73	3	Horizontal	0	1.00	-

Radiation-above 1GHz_mode 1



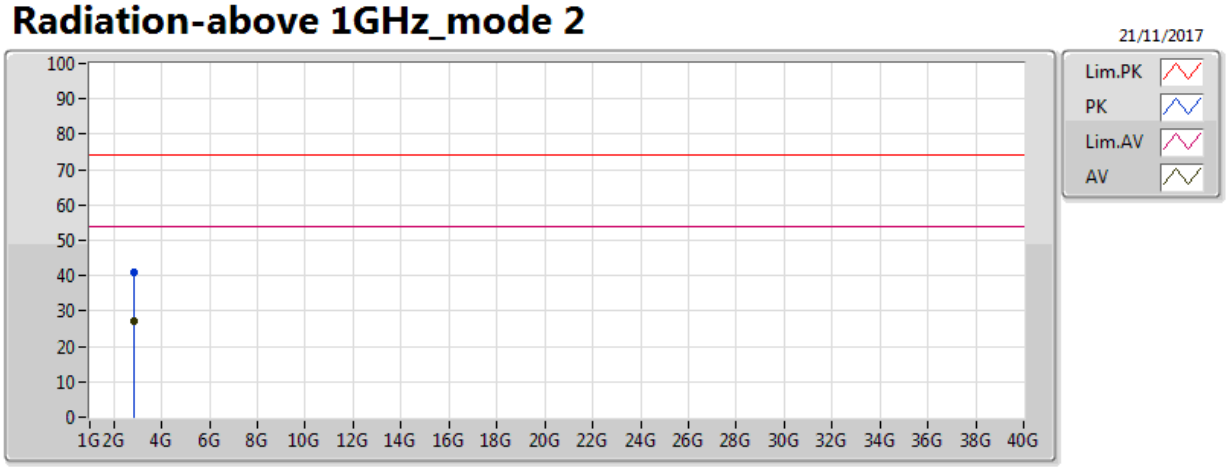
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.852G	27.23	54.00	-26.77	-2.62	3	Vertical	360	1.00	-	29.85	28.13	3.96	34.71
PK	2.852G	40.61	74.00	-33.39	-2.62	3	Vertical	360	1.00	-	43.23	28.13	3.96	34.71

Radiation-above 1GHz_mode 1



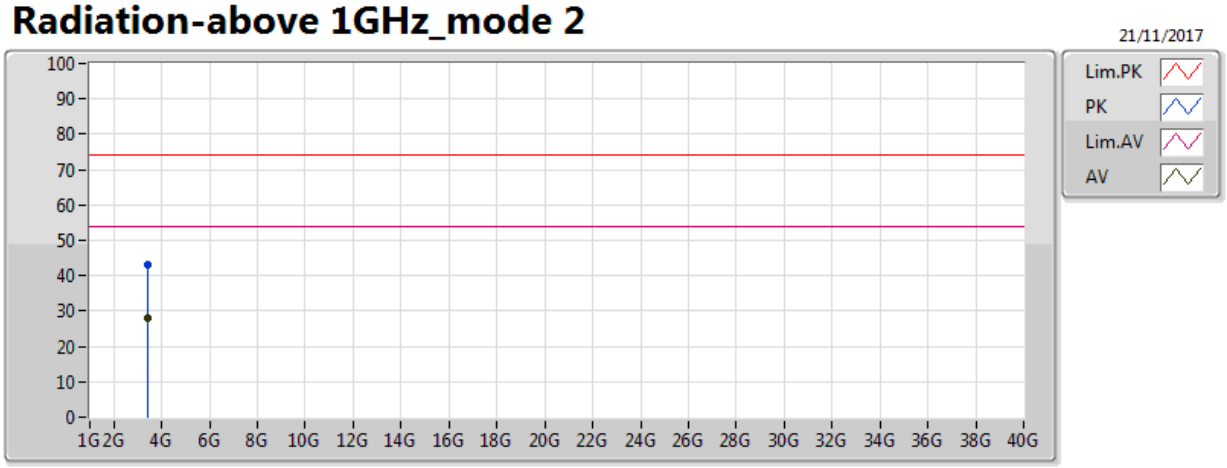
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	3.405G	28.13	54.00	-25.87	-1.77	3	Horizontal	0	1.00	-	29.90	28.48	4.45	34.70
PK	3.405G	42.18	74.00	-31.82	-1.77	3	Horizontal	0	1.00	-	43.95	28.48	4.45	34.70

Radiation-above 1GHz_mode 2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.855G	27.19	54.00	-26.81	-2.61	3	Vertical	360	1.00	-	29.80	28.14	3.96	34.71
PK	2.855G	40.79	74.00	-33.21	-2.61	3	Vertical	360	1.00	-	43.40	28.14	3.96	34.71

Radiation-above 1GHz_mode 2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	3.442G	28.22	54.00	-25.78	-1.73	3	Horizontal	0	1.00	-	29.95	28.49	4.48	34.70
PK	3.442G	42.97	74.00	-31.03	-1.73	3	Horizontal	0	1.00	-	44.70	28.49	4.48	34.70