FCC Test Report

Equipment	:	**Set Top Box**
Brand Name	:	**DIRECTV**
Model No.	:	**LHR01**
FCC ID	:	**G95-LHR01**
Standard	:	**47 CFR FCC Part 15.247**
Operating Band	:	**2400 MHz – 2483.5 MHz**
Function	:	**☒ Point-to-multipoint; ☐ Point-to-point**
Applicant	:	**Technicolor Connected Home USA LLC 5030 Sugarloaf Parkway Building 6, Lawrenceville, GA, 30044 United States**
Manufacturer	:	**Cal-Comp Electronics & Communications Company Limited No. 147, Sec. 3, Beishen Rd., Shenkeng Dist., 222 New Taipei City, TAIWAN**

The product sample received on Oct. 26, 2017 and completely tested on Nov. 17, 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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PHOTOGRAPHS OF EUT V01

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
FR7O1219AC	Rev. 01	Initial issue of report	Nov. 23, 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)	Direction Gain
1	1	SUNRISE ELEC	37458010	PIFA Antenna	I-PEX	2.6	5.4
2	2	SUNRISE ELEC	3755081B	PIFA Antenna	I-PEX	2.6	5.4

Note: 1: 802.11b/g/n used two antennas are for signal transmitting and receiving.(2T2R Spatial Multiplexing MIMO configuration)
Note 2. The antenna gain without cable loss is 2.8/5.6 dBi, therefore, 2.6/5.4dBi was used as antenna gain during the test.

1.1.3 EUT Information

Operational Condition		
EUT Power Type	From AC Adapter	
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	0.98	0.088	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.869	0.61	1.398m	1k
802.11n HT20	0.867	0.62	1.309m	1k
802.11n HT40	0.757	1.209	650u	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	Andy	25.2°C / 65.3%	03/Nov/2017
Radiated	03CH02-HY	Lynus	22.2°C / 51.8%	17/Nov/2017
AC Conduction	CO04-HY	Lynus	23°C / 50.2%	07/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

Condition Item	Abbreviation/Remark	Remark
RF Conducted	Abbreviation	Remark
TnomVnom	Tnom	20°C
-	Vnom	110V

2.2 Test Channel Mode

Test Software	Dos

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	30
2437MHz	49
2462MHz	32
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	22
2437MHz	49
2462MHz	21
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	20
2437MHz	40
2462MHz	19
802.11n HT40_Nss1,(MCS0)_2TX	-
2422MHz	17
2437MHz	21
2452MHz	17

2.3 The Worst Case Measurement Configuration

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

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

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

2.4 Accessories

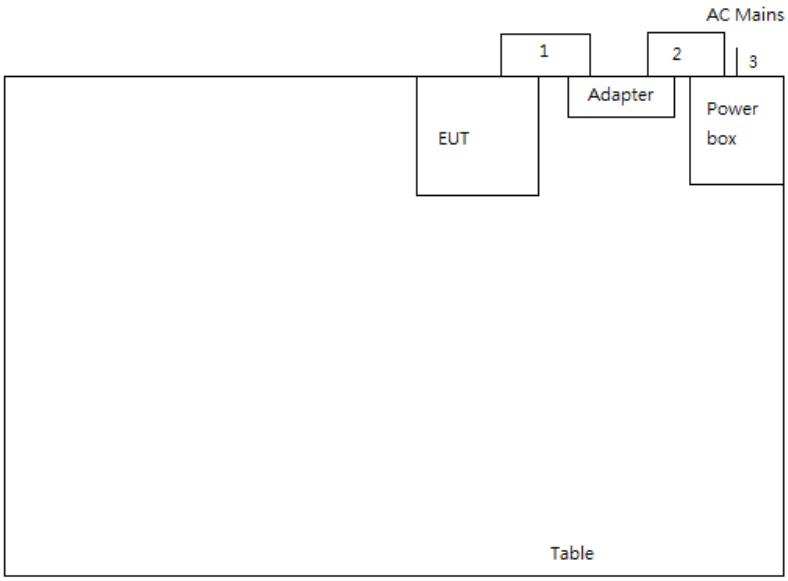
Accessories				
AC Adapter	Brand Name	DIRECTV	Model Name	PA-1360-09D1
	Power Rating	I/P: 100 - 240Vac,1.0 A, O/P: 12 Vdc, 3.0A		
	Power Cord	DC Output Cable 1.46meter, Non-Shielded cable, with ferrite core AC Input Cable 0.45meter, Non-Shielded cable, w/o ferrite core		
Remote Control	Brand Name	-	Model Name	-
HDMI Cable	In/Out door	In door		
	Power Cord	1.7 meter, Shielded cable		

2.5 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	G.W	APS-9102	-

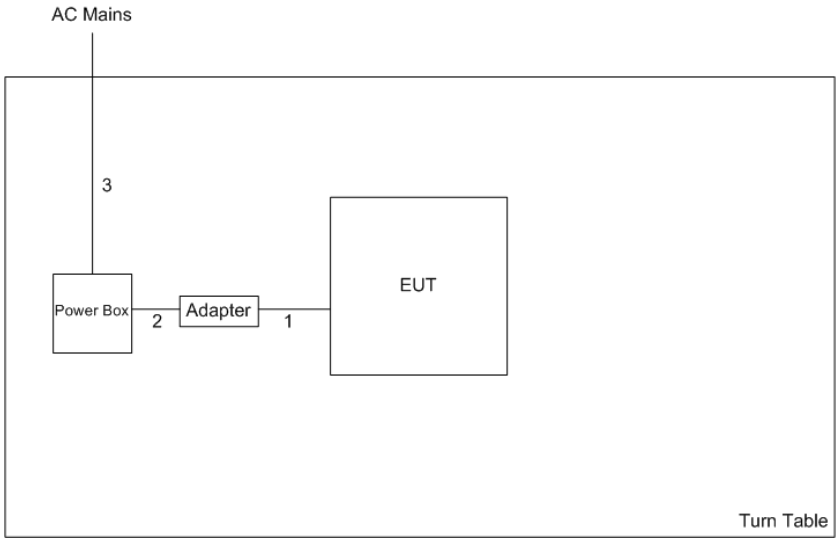
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	DC Power line	No	1.46	-
2	AC Power line	No	0.45	-
3	AC Power line	No	1.8	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	DC Power line	No	1.46	-
2	AC Power line	No	0.45	-
3	AC Power line	No	1.8	-

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

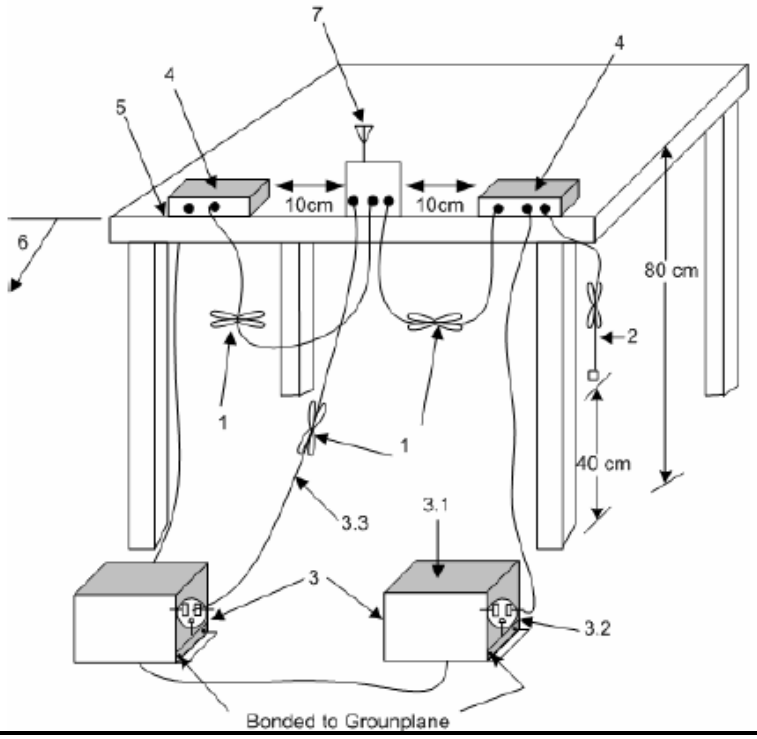
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 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.

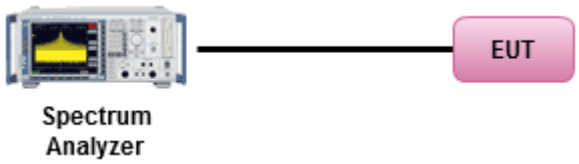
3.2.2 Measuring Instruments

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.
	☐ 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

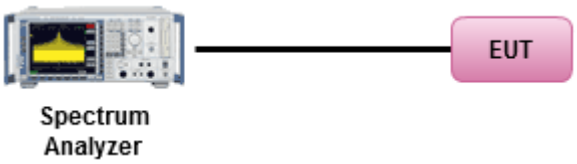
3.4.2 Measuring Instruments

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

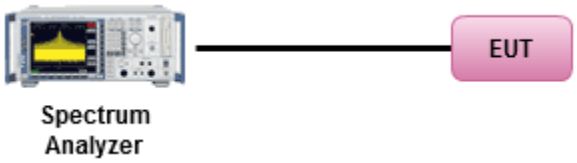
Refer a test equipment and calibration data table in this test report.

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.

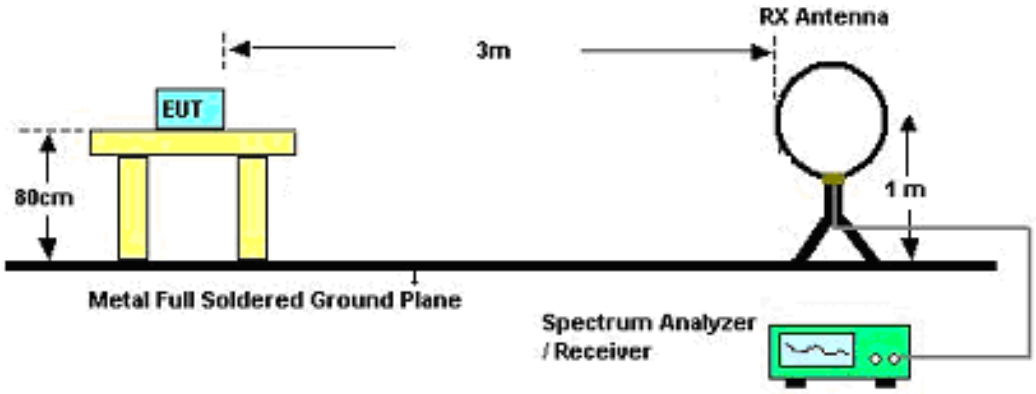
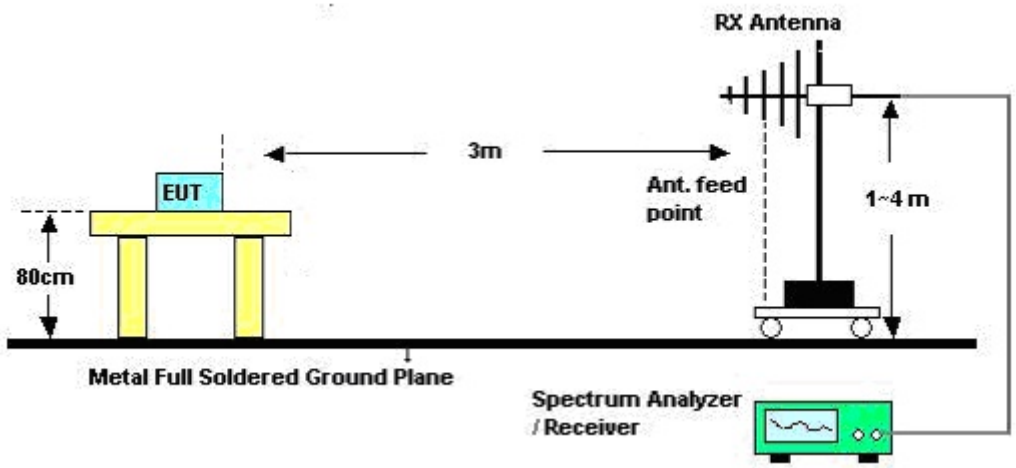
3.6.2 Measuring Instruments

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

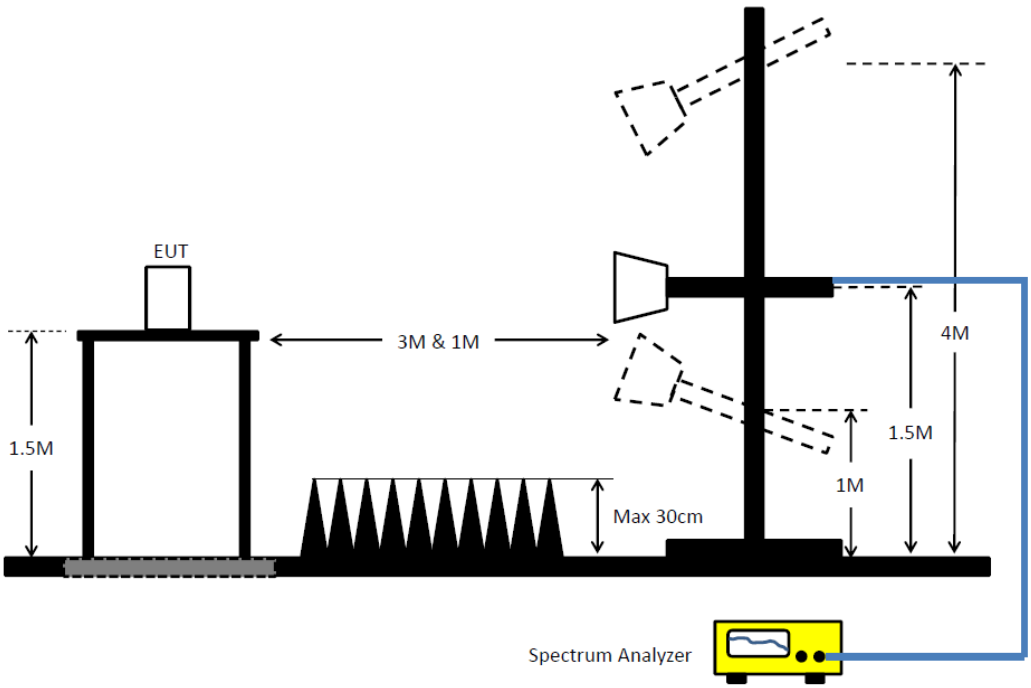
3.6.3 Test Procedures

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	R&S	ENV216	101295	9kHz ~ 30MHz	15/Nov/2016	14/Nov/2017
RF Cable-CON	HUBER+SUHNER	RG213/U	07611832020001	9kHz ~ 30MHz	06/Oct/2017	05/Oct/2018
LISN (Support Unit)	EMCO	3810/2	9703-1839	9kHz ~ 30MHz	NCR	NCR
LISN	SCHWARZBECK MESS-ELEKTRONIK	NSLK 8127	8127-477	9kHz ~ 30MHz	14/ Feb/2017	13/ Feb/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	05/Oct/2017	04/Oct/2018

NCR : Non-Calibration Require

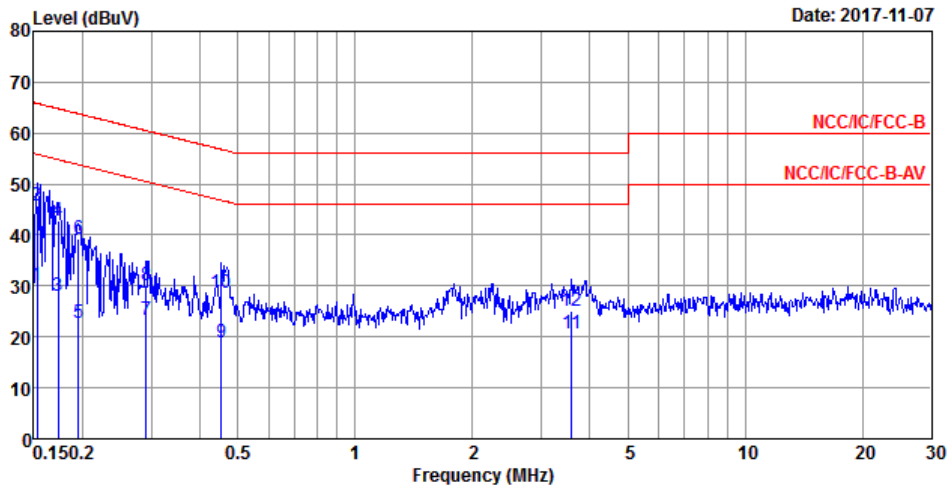
Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSP40	100305	9kHz - 40GHz	30/Dec/2016	29/Dec/2017
3m Semi Anechoic	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz-1GHz	20/Oct/2017	19/Oct/2018
3m Semi Anechoic	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz ~ 18GHz	12/Dec/2016	11/Dec/2017
Amplifier	Agilent	8447D	2944A11149	100kHz-1.3GHz	29/Jun/2017	28/Jun/2018
Amplifier	Keysight	8449B	3008A02602	1GHz-26.5GHz	19/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
Bilog Antenna	SCHAFFNER	CBL6112B	2723	30MHz-1GHz	09/Sep/2017	08/Sep/2018
Loop Antenna	TESEQ	HLA 6120	31244	9kHz-30MHz	02/Mar/2017	01/Mar/2018
RF Cable-high	SUHNER	SUCOFLEX104	MY34918/4	1GHz ~ 40GHz	26/Jan/2017	25/Jan/2018
RF Cable-R03m	Jye Bao	RG142	CB017	9kHz ~ 1GHz	26/Jan/2017	25/Jan/2018
Receiver	R&S	ESU3	102052	9kHz ~ 3.6GHz	29/Apr/2017	28/Apr/2018

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	9kHz~40GHz	30/Dec/2016	29/Dec/2017
Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	10/Feb/2017	09/Feb/2018
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	10/Feb/2017	09/Feb/2018
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	27/Jul/2017	26/Jul/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

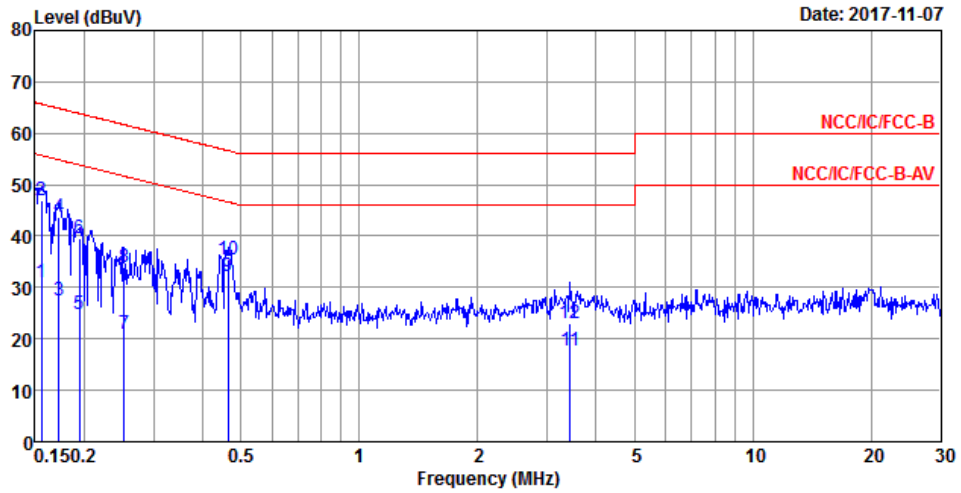
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	Adapter Mode (Wi-Fi 2.4G)		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.15321	30.06	-25.76	55.82	20.42	9.60	0.04	Average
2 MAX	0.15321	45.66	-20.16	65.82	36.02	9.60	0.04	QP
3	0.17307	27.97	-26.84	54.81	18.32	9.63	0.02	Average
4	0.17307	42.70	-22.11	64.81	33.05	9.63	0.02	QP
5	0.19550	22.63	-31.17	53.80	12.97	9.66	0.00	Average
6	0.19550	39.36	-24.44	63.80	29.70	9.66	0.00	QP
7	0.29088	23.23	-27.27	50.50	13.53	9.65	0.05	Average
8	0.29088	29.99	-30.51	60.50	20.29	9.65	0.05	QP
9	0.45395	19.03	-27.77	46.80	9.32	9.62	0.09	Average
10	0.45395	28.58	-28.22	56.80	18.87	9.62	0.09	QP
11	3.58433	20.68	-25.32	46.00	10.91	9.70	0.07	Average
12	3.58433	25.22	-30.78	56.00	15.45	9.70	0.07	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	Adapter Mode (Wi-Fi 2.4G)		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.15567	30.93	-24.76	55.69	21.23	9.66	0.04	Average
2	0.15567	47.01	-18.68	65.69	37.31	9.66	0.04	QP
3	0.17215	27.36	-27.50	54.86	17.68	9.66	0.02	Average
4	0.17215	43.84	-21.02	64.86	34.16	9.66	0.02	QP
5	0.19447	24.78	-29.06	53.84	15.13	9.65	0.00	Average
6	0.19447	39.46	-24.38	63.84	29.81	9.65	0.00	QP
7	0.25211	20.99	-30.70	51.69	11.30	9.66	0.03	Average
8	0.25211	34.02	-27.67	61.69	24.33	9.66	0.03	QP
9 MAX	0.46367	32.06	-14.57	46.63	22.31	9.67	0.08	Average
10	0.46367	35.54	-21.09	56.63	25.79	9.67	0.08	QP
11	3.43558	17.79	-28.21	46.00	7.95	9.77	0.07	Average
12	3.43558	23.15	-32.85	56.00	13.31	9.77	0.07	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	10.075M	14.043M	14M0G1D	10.025M	12.319M
802.11g_Nss1,(6Mbps)_2TX	16.325M	19.015M	19M0D1D	14.45M	16.442M
802.11n HT20_Nss1,(MCS0)_2TX	17.05M	18.566M	18M6D1D	16M	17.566M
802.11n HT40_Nss1,(MCS0)_2TX	35.1M	36.032M	36M0D1D	33.75M	35.932M

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

Result

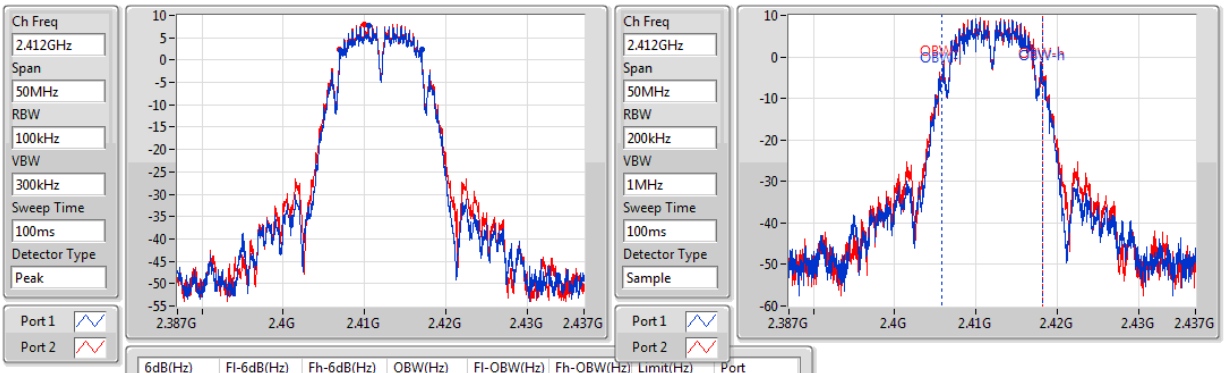
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	10.025M	12.344M	10.075M	12.419M
2437MHz_TnomVnom	Pass	500k	10.075M	14.043M	10.05M	13.818M
2462MHz_TnomVnom	Pass	500k	10.075M	12.319M	10.075M	12.519M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	16.025M	16.467M	16M	16.442M
2437MHz_TnomVnom	Pass	500k	16.325M	19.015M	14.45M	18.391M
2462MHz_TnomVnom	Pass	500k	16.275M	16.442M	16.025M	16.442M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	16.375M	17.616M	17.05M	17.591M
2437MHz_TnomVnom	Pass	500k	16M	18.391M	16.35M	18.566M
2462MHz_TnomVnom	Pass	500k	16.375M	17.591M	16.025M	17.566M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	500k	34.1M	35.982M	33.75M	35.932M
2437MHz_TnomVnom	Pass	500k	35.1M	35.982M	35.1M	35.932M
2452MHz_TnomVnom	Pass	500k	35.05M	35.982M	35.05M	36.032M

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

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

2412MHz

03/11/2017

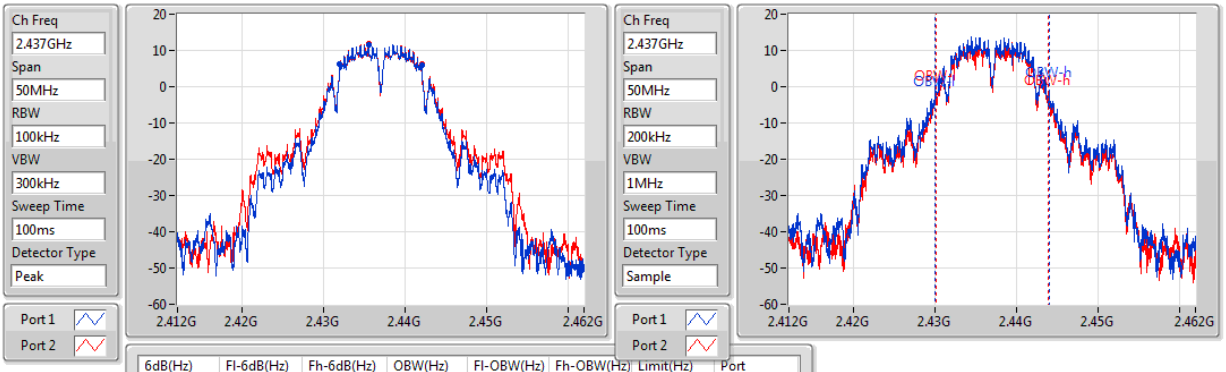


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.025M	2.407G	2.417025G	12.344M	2.405803G	2.418147G	500k	1
10.075M	2.406975G	2.41705G	12.419M	2.405778G	2.418197G	500k	2

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

2437MHz

03/11/2017

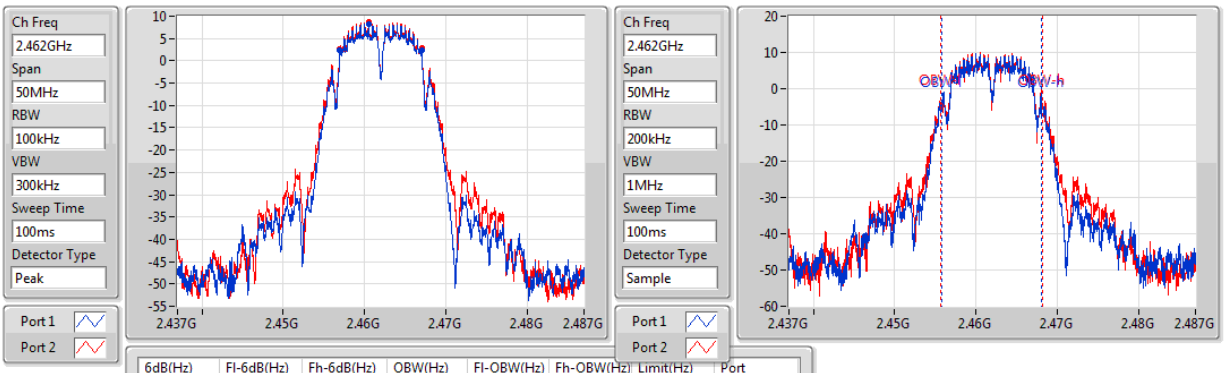


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.075M	2.431975G	2.44205G	14.043M	2.429929G	2.443972G	500k	1
10.05M	2.431975G	2.442025G	13.818M	2.430053G	2.443872G	500k	2

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

2462MHz

03/11/2017

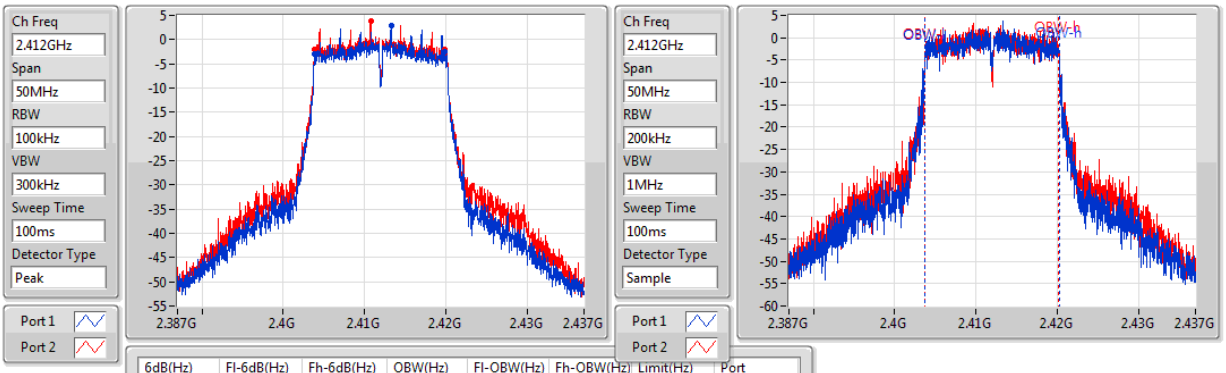


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.075M	2.456975G	2.46705G	12.319M	2.455803G	2.468122G	500k	1
10.075M	2.456975G	2.46705G	12.519M	2.455703G	2.468222G	500k	2

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

2412MHz

03/11/2017

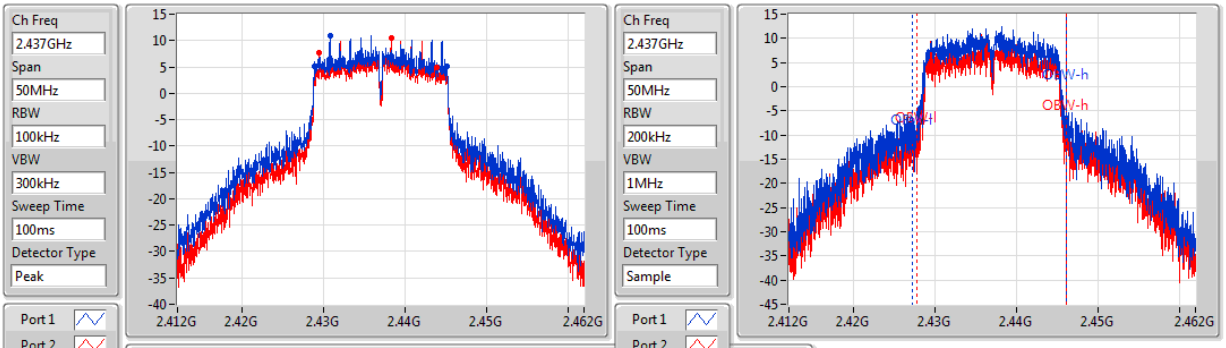


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.025M	2.403875G	2.4199G	16.467M	2.403754G	2.420221G	500k	1
16M	2.4039G	2.4199G	16.442M	2.403754G	2.420196G	500k	2

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

2437MHz

03/11/2017

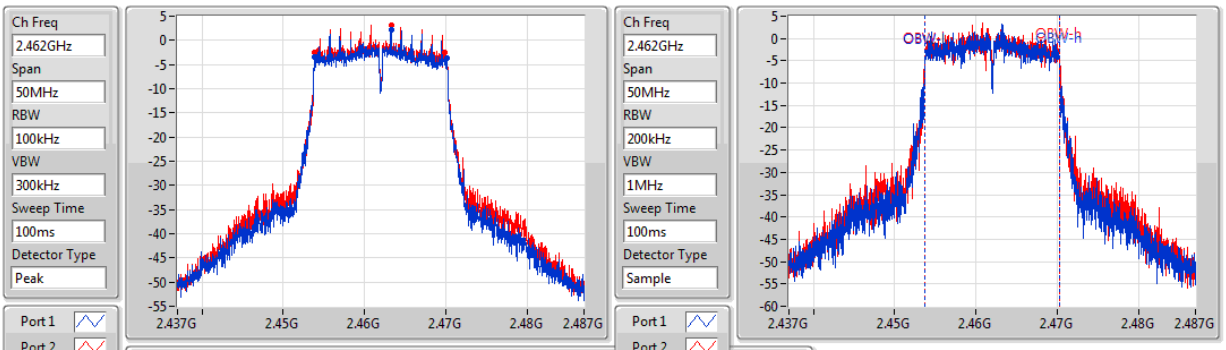


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.42885G	2.445175G	19.015M	2.42713G	2.446145G	500k	1
14.45M	2.429475G	2.443925G	18.391M	2.427705G	2.446095G	500k	2

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

2462MHz

03/11/2017



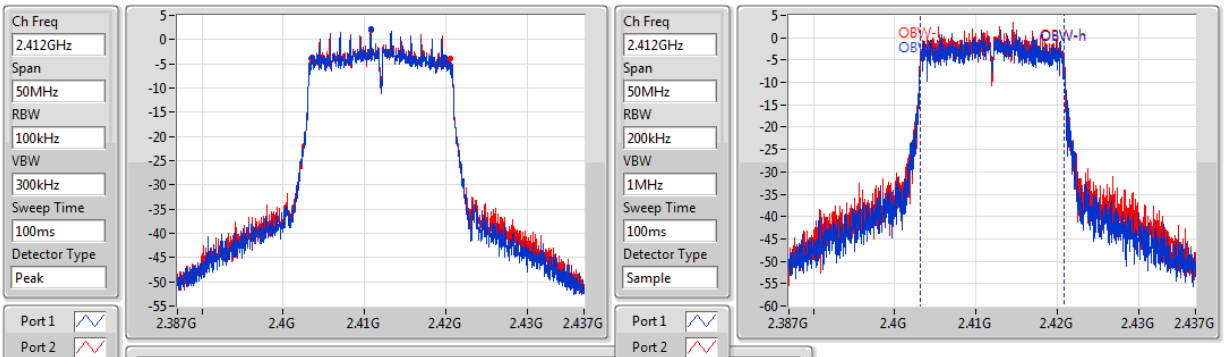
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.275M	2.453875G	2.47015G	16.442M	2.453779G	2.470221G	500k	1
16.025M	2.453875G	2.4699G	16.442M	2.453779G	2.470221G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX

EBW

2412MHz

03/11/2017



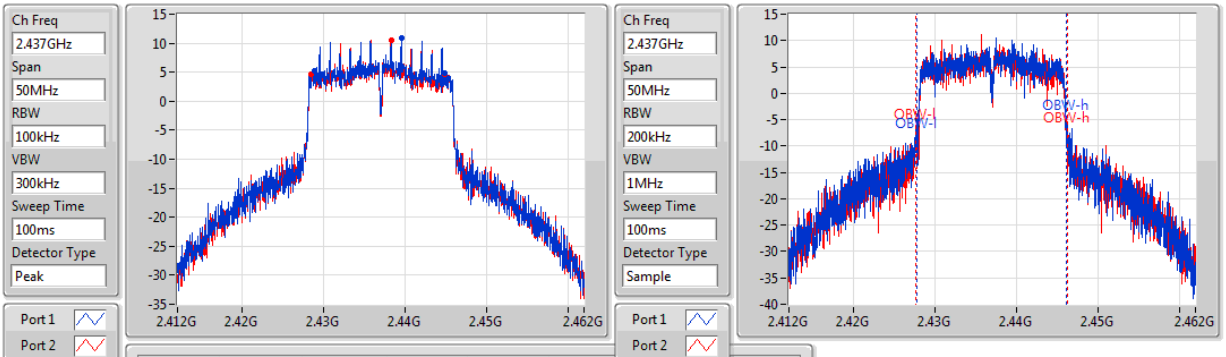
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.375M	2.403525G	2.4199G	17.616M	2.403204G	2.420821G	500k	1
17.05M	2.403475G	2.420525G	17.591M	2.403204G	2.420796G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX

EBW

2437MHz

03/11/2017



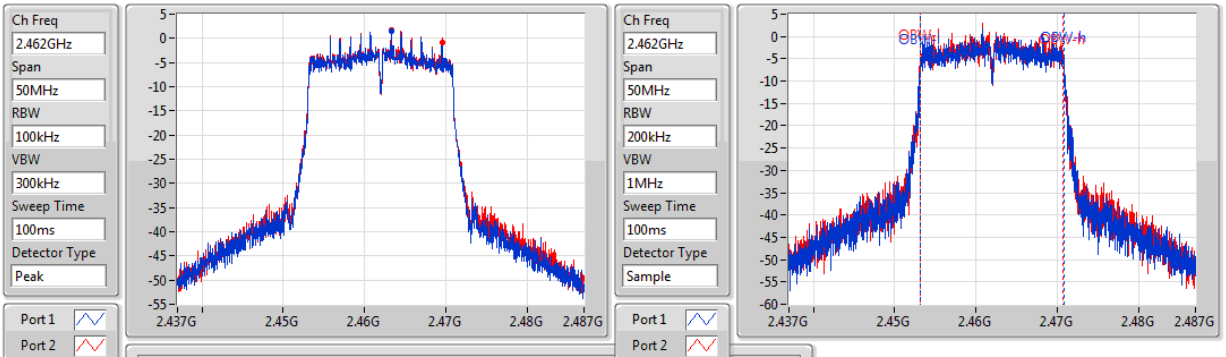
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16M	2.4289G	2.4449G	18.391M	2.42768G	2.44607G	500k	1
16.35M	2.4285G	2.44485G	18.566M	2.42763G	2.446195G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX

EBW

2462MHz

03/11/2017

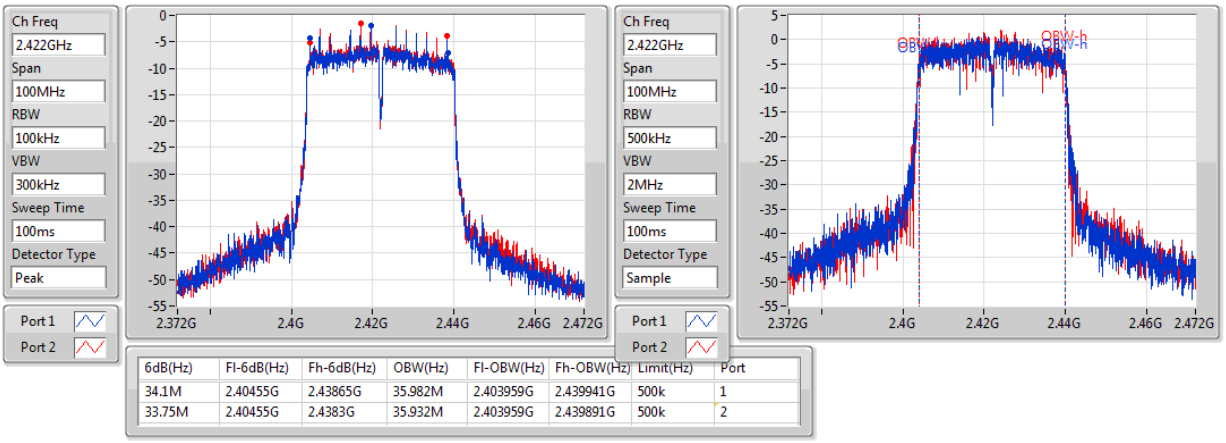


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.375M	2.453525G	2.4699G	17.591M	2.453204G	2.470796G	500k	1
16.025M	2.453525G	2.46955G	17.566M	2.453204G	2.470771G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2422MHz

03/11/2017

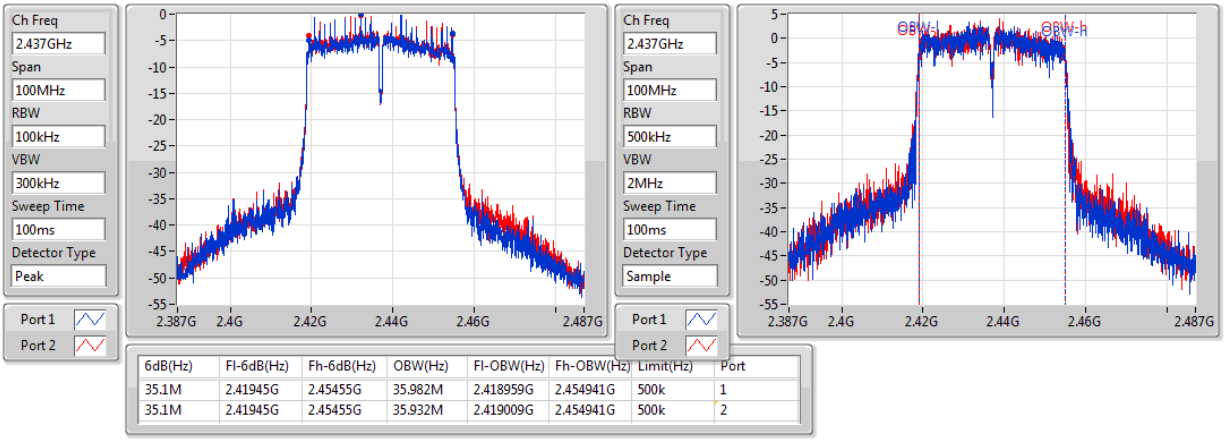


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.1M	2.40455G	2.43865G	35.982M	2.403959G	2.439941G	500k	1
33.75M	2.40455G	2.4383G	35.932M	2.403959G	2.439891G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2437MHz

03/11/2017

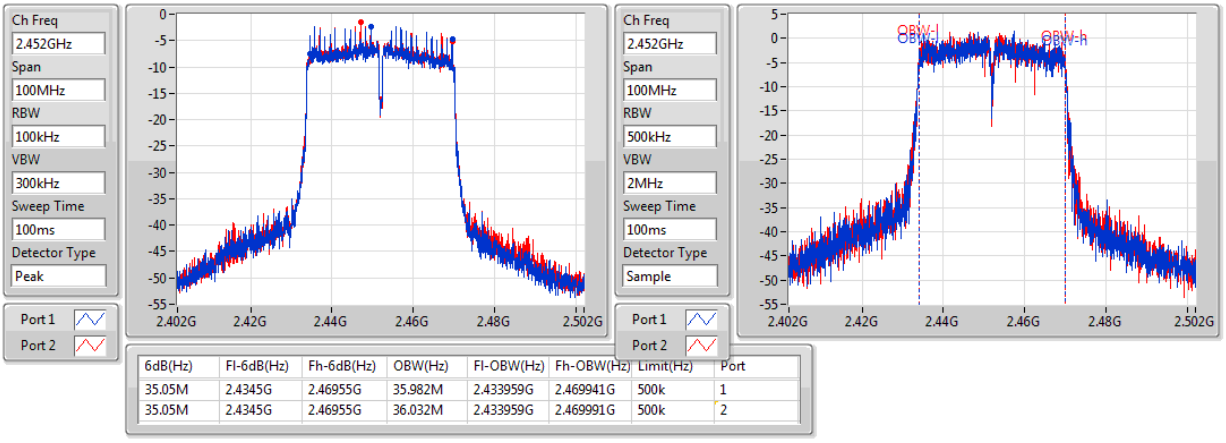


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.1M	2.41945G	2.45455G	35.982M	2.418959G	2.454941G	500k	1
35.1M	2.41945G	2.45455G	35.932M	2.419009G	2.454941G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2452MHz

03/11/2017



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.05M	2.4345G	2.46955G	35.982M	2.433959G	2.469941G	500k	1
35.05M	2.4345G	2.46955G	36.032M	2.433959G	2.469991G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	26.54	0.45082
802.11g_Nss1,(6Mbps)_2TX	25.12	0.32509
802.11n HT20_Nss1,(MCS0)_2TX	24.41	0.27606
802.11n HT40_Nss1,(MCS0)_2TX	16.86	0.04853

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.60	18.42	18.70	21.57	30.00
2437MHz	Pass	2.60	23.52	23.53	26.54	30.00
2462MHz	Pass	2.60	17.25	18.25	20.79	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.60	13.72	14.56	17.17	30.00
2437MHz	Pass	2.60	21.92	22.30	25.12	30.00
2462MHz	Pass	2.60	13.29	13.64	16.48	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.60	12.78	13.60	16.22	30.00
2437MHz	Pass	2.60	21.60	21.18	24.41	30.00
2462MHz	Pass	2.60	12.31	12.62	15.48	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	2.60	11.58	11.95	14.78	30.00
2437MHz	Pass	2.60	13.47	14.20	16.86	30.00
2452MHz	Pass	2.60	11.68	11.93	14.82	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	-2.18
802.11g_Nss1,(6Mbps)_2TX	-3.87
802.11n HT20_Nss1,(MCS0)_2TX	-4.43
802.11n HT40_Nss1,(MCS0)_2TX	-13.67

RBW=3kHz.

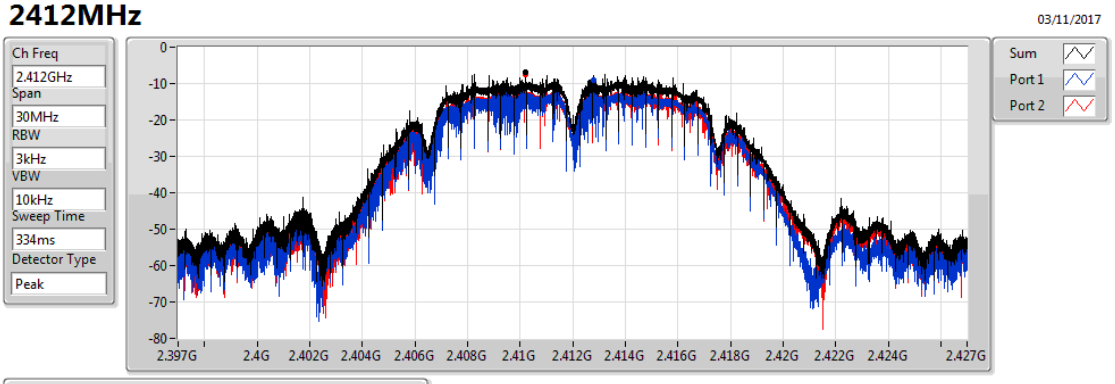
Result

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	5.40	-8.97	-7.65	-6.81	8.00
2437MHz	Pass	5.40	-3.76	-3.10	-2.18	8.00
2462MHz	Pass	5.40	-7.55	-6.69	-5.84	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.40	-13.84	-13.31	-11.07	8.00
2437MHz	Pass	5.40	-5.57	-5.46	-3.87	8.00
2462MHz	Pass	5.40	-14.63	-13.52	-11.67	8.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.40	-14.87	-13.83	-12.62	8.00
2437MHz	Pass	5.40	-6.72	-6.10	-4.43	8.00
2462MHz	Pass	5.40	-13.77	-15.56	-12.61	8.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.40	-18.05	-18.48	-16.31	8.00
2437MHz	Pass	5.40	-16.44	-16.09	-13.67	8.00
2452MHz	Pass	5.40	-18.39	-18.04	-16.03	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**

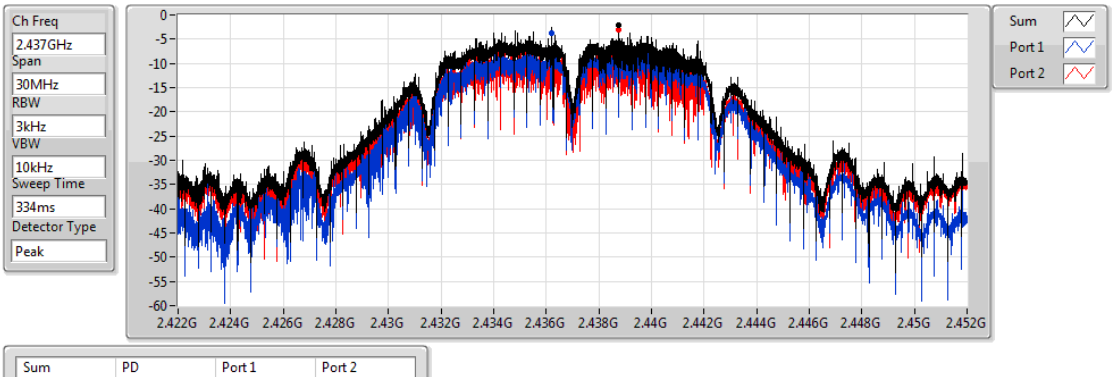
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.81	-6.81	-8.97	-7.65

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

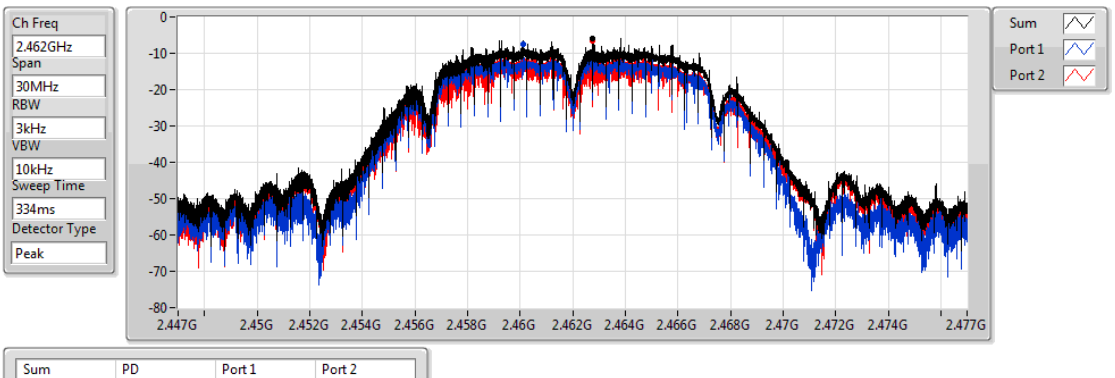
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.18	-2.18	-3.76	-3.10

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

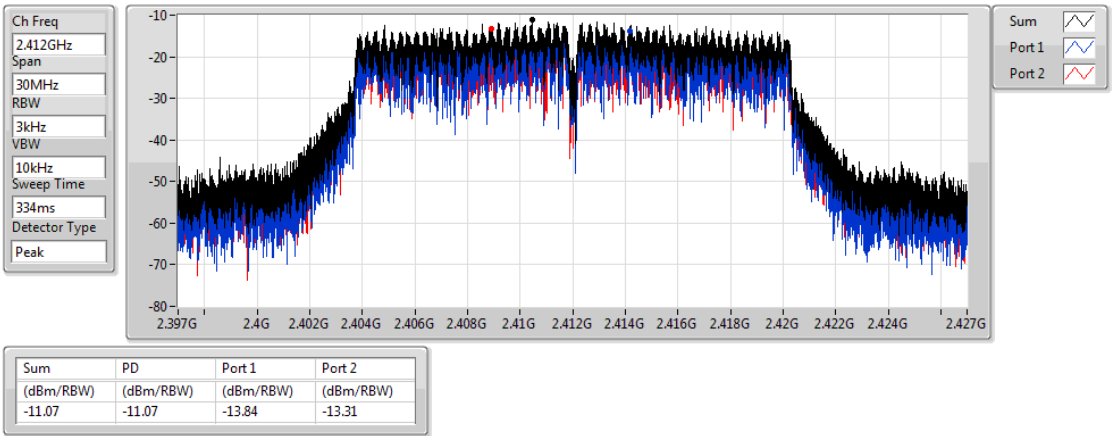
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.84	-5.84	-7.55	-6.69

802.11g_Nss1,(6Mbps)_2TX PSD

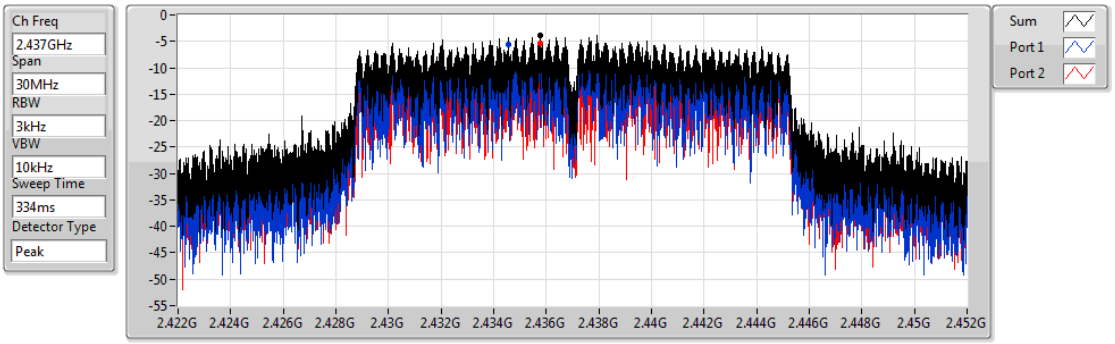
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.07	-11.07	-13.84	-13.31

802.11g_Nss1,(6Mbps)_2TX PSD

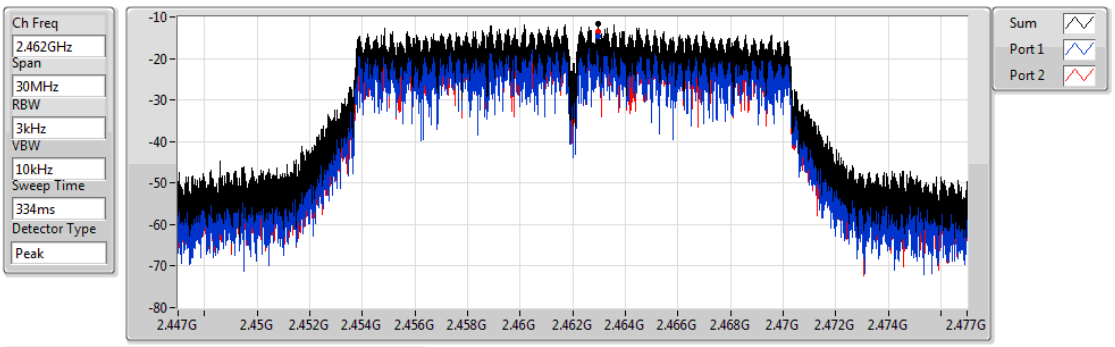
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.87	-3.87	-5.57	-5.46

802.11g_Nss1,(6Mbps)_2TX PSD

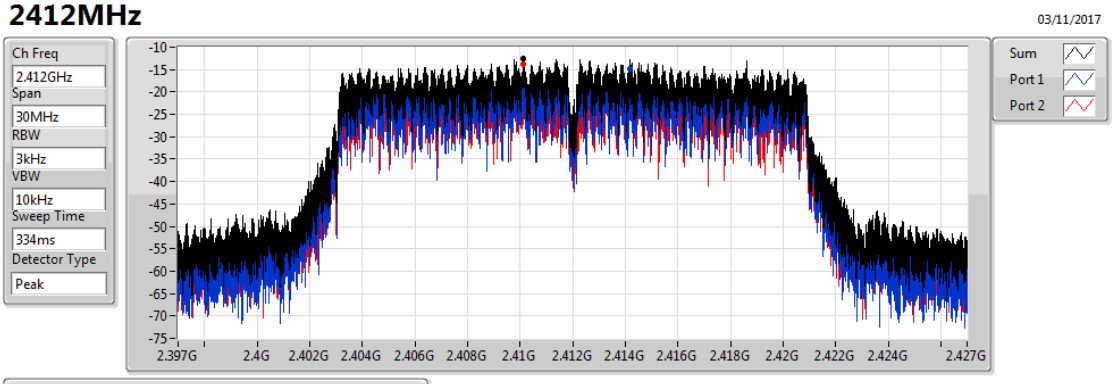
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.67	-11.67	-14.63	-13.52

802.11n HT20_Nss1,(MCS0)_2TX PSD

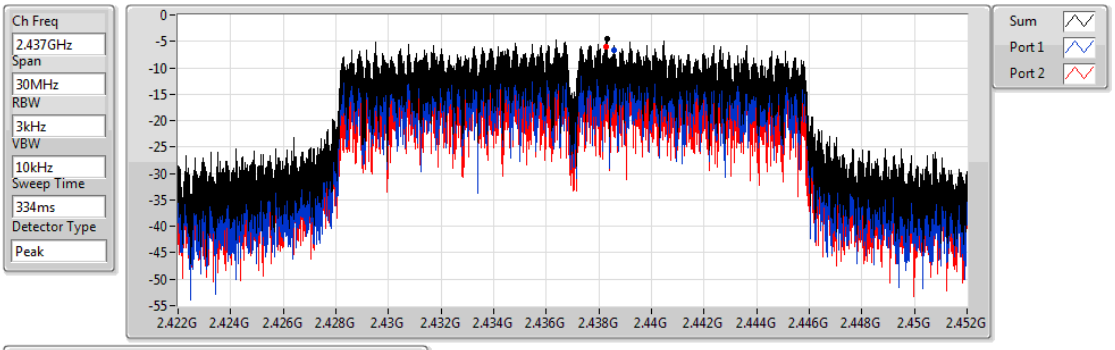
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.62	-12.62	-14.87	-13.83

802.11n HT20_Nss1,(MCS0)_2TX PSD

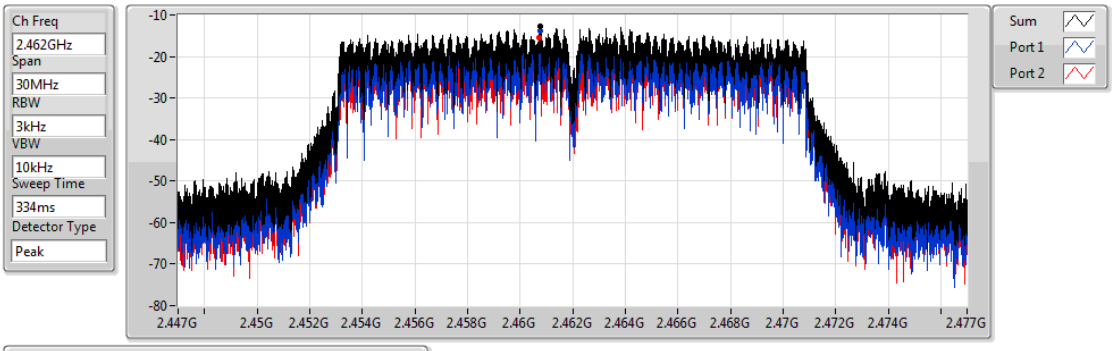
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.43	-4.43	-6.72	-6.10

802.11n HT20_Nss1,(MCS0)_2TX PSD

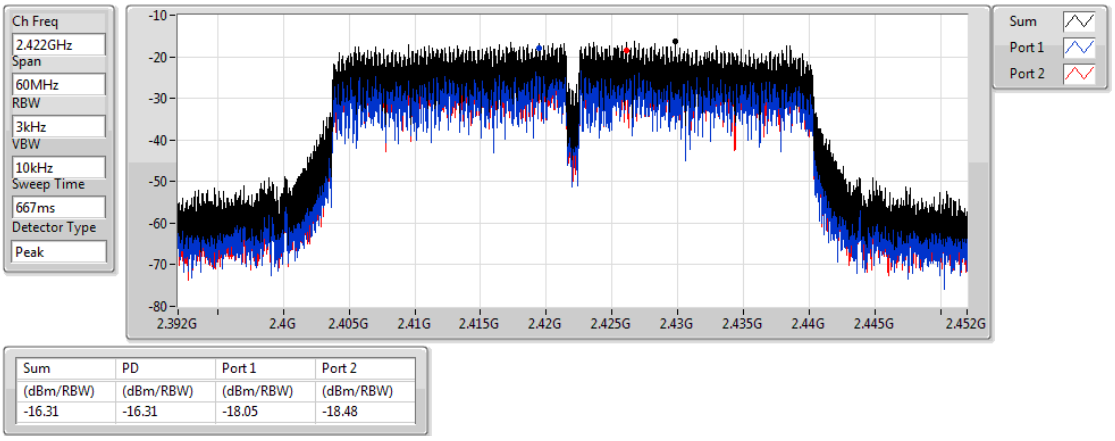
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.61	-12.61	-13.77	-15.56

802.11n HT40_Nss1,(MCS0)_2TX PSD

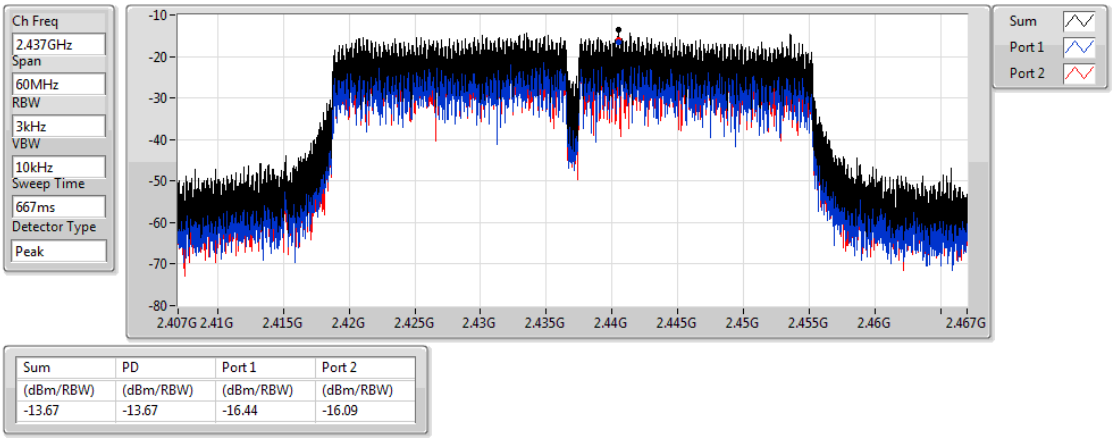
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-16.31	-16.31	-18.05	-18.48

802.11n HT40_Nss1,(MCS0)_2TX PSD

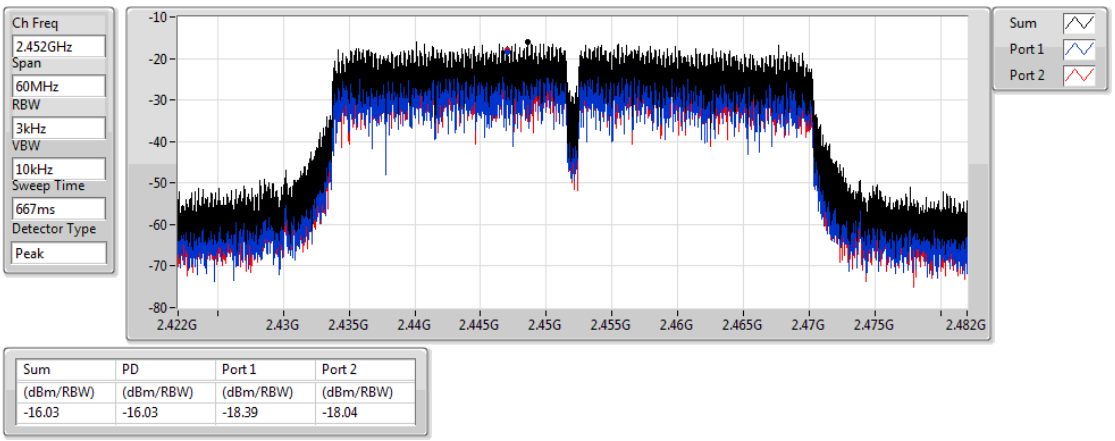
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.67	-13.67	-16.44	-16.09

802.11n HT40_Nss1,(MCS0)_2TX PSD

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-16.03	-16.03	-18.39	-18.04

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	2.435571G	12.64	-17.36	2.30408G	-53.62	2.39904G	-33.33	2.51398G	-52.34	6.968228G	-48.37	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.438243G	10.86	-19.14	1.955745G	-53.35	2.39976G	-30.28	2.5099G	-53.78	6.926084G	-47.75	2
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.432064G	10.62	-19.38	2.05943G	-54.21	2.39832G	-33.07	2.50894G	-53.70	6.973847G	-48.02	2
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.432064G	0.55	-29.45	2.300535G	-53.66	2.39968G	-36.03	2.48398G	-49.82	6.963859G	-48.30	1

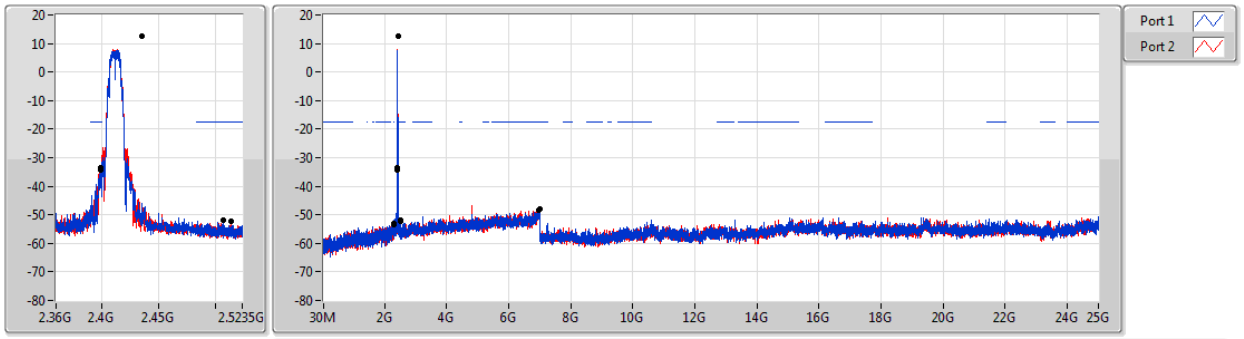
Result

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_TnomVnom	Pass	2.435571G	12.64	-17.36	2.307575G	-53.11	2.39904G	-34.31	2.50702G	-51.78	6.985085G	-47.97	1
2412MHz_TnomVnom	Pass	2.435571G	12.64	-17.36	2.30408G	-53.62	2.39904G	-33.33	2.51398G	-52.34	6.968228G	-48.37	2
2437MHz_TnomVnom	Pass	2.435571G	12.64	-17.36	1.624885G	-45.91	2.39704G	-45.10	2.49702G	-47.65	6.965418G	-47.57	1
2437MHz_TnomVnom	Pass	2.435571G	12.64	-17.36	2.309905G	-52.45	2.392G	-49.96	2.49294G	-51.20	6.95699G	-47.30	2
2462MHz_TnomVnom	Pass	2.435571G	12.64	-17.36	1.641195G	-53.17	2.39808G	-48.78	2.48502G	-46.13	6.968228G	-47.52	1
2462MHz_TnomVnom	Pass	2.435571G	12.64	-17.36	2.300585G	-53.55	2.39808G	-48.62	2.48646G	-46.84	6.802464G	-47.58	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.438243G	10.86	-19.14	2.309905G	-53.45	2.39984G	-32.59	2.50702G	-53.39	6.985085G	-47.70	1
2412MHz_TnomVnom	Pass	2.438243G	10.86	-19.14	1.955745G	-53.35	2.39976G	-30.28	2.5099G	-53.78	6.926084G	-47.75	2
2437MHz_TnomVnom	Pass	2.438243G	10.86	-19.14	2.30874G	-51.69	2.39848G	-40.66	2.48446G	-47.62	6.95699G	-48.28	1
2437MHz_TnomVnom	Pass	2.438243G	10.86	-19.14	1.867205G	-52.60	2.39864G	-43.49	2.48518G	-50.06	6.971037G	-48.03	2
2462MHz_TnomVnom	Pass	2.438243G	10.86	-19.14	1.883515G	-53.76	2.39248G	-53.77	2.48374G	-47.78	6.937323G	-47.72	1
2462MHz_TnomVnom	Pass	2.438243G	10.86	-19.14	1.841575G	-53.63	2.39064G	-52.83	2.48462G	-45.90	6.926084G	-48.00	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.432064G	10.62	-19.38	1.95458G	-53.41	2.398G	-36.37	2.49574G	-52.89	6.962609G	-48.44	1
2412MHz_TnomVnom	Pass	2.432064G	10.62	-19.38	2.05943G	-54.21	2.39832G	-33.07	2.50894G	-53.70	6.973847G	-48.02	2
2437MHz_TnomVnom	Pass	2.432064G	10.62	-19.38	2.309905G	-51.86	2.39768G	-41.33	2.48358G	-46.14	6.976657G	-46.34	1
2437MHz_TnomVnom	Pass	2.432064G	10.62	-19.38	2.30874G	-52.77	2.39984G	-42.91	2.4839G	-48.83	6.959799G	-46.09	2
2462MHz_TnomVnom	Pass	2.432064G	10.62	-19.38	2.17127G	-53.60	2.39152G	-53.43	2.48382G	-47.74	6.928894G	-48.66	1
2462MHz_TnomVnom	Pass	2.432064G	10.62	-19.38	2.067585G	-53.74	2.39568G	-53.96	2.48358G	-45.92	6.912037G	-47.56	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.432064G	0.55	-29.45	1.9536G	-53.83	2.39904G	-37.84	2.51678G	-52.48	6.969468G	-47.40	1
2422MHz_TnomVnom	Pass	2.432064G	0.55	-29.45	1.9765G	-52.97	2.3992G	-37.16	2.48894G	-52.70	6.927399G	-48.79	2
2437MHz_TnomVnom	Pass	2.432064G	0.55	-29.45	2.300535G	-53.66	2.39968G	-36.03	2.48398G	-49.82	6.963859G	-48.30	1
2437MHz_TnomVnom	Pass	2.432064G	0.55	-29.45	2.305115G	-52.16	2.39968G	-37.19	2.48382G	-49.01	6.961054G	-47.97	2
2452MHz_TnomVnom	Pass	2.432064G	0.55	-29.45	1.99482G	-54.10	2.39312G	-52.31	2.48478G	-44.80	6.958249G	-47.44	1
2452MHz_TnomVnom	Pass	2.432064G	0.55	-29.45	1.890625G	-53.17	2.39728G	-52.38	2.48766G	-42.92	6.9891G	-48.25	2

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

2412MHz

03/11/2017

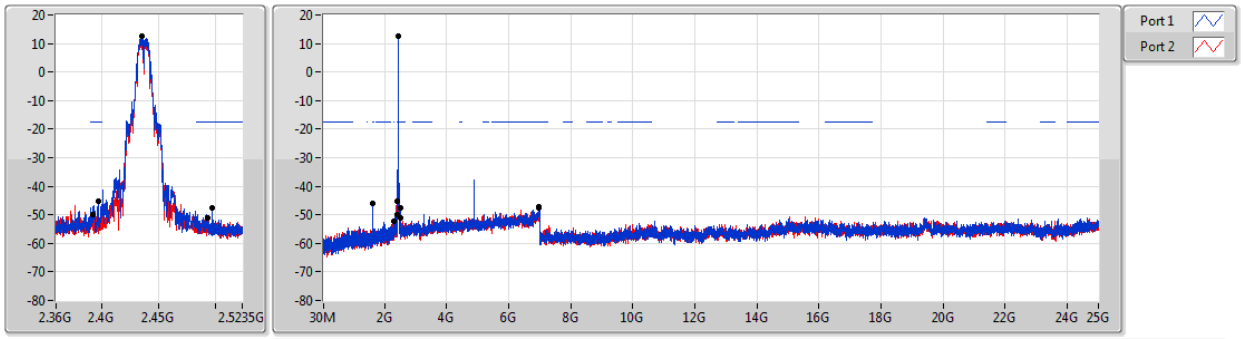


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435571G	12.64	-17.36	2.307575G	-53.11	2.39904G	-34.31	2.50702G	-51.78	6.985085G	-47.97	1
2.435571G	12.64	-17.36	2.30408G	-53.62	2.39904G	-33.33	2.51398G	-52.34	6.968228G	-48.37	2

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

2437MHz

03/11/2017

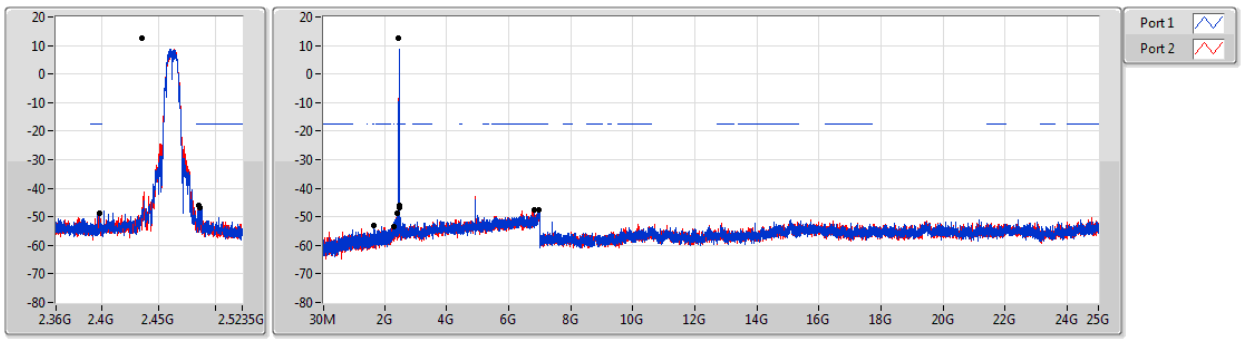


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435571G	12.64	-17.36	1.624885G	-45.91	2.39704G	-45.10	2.49702G	-47.65	6.965418G	-47.57	1
2.435571G	12.64	-17.36	2.309905G	-52.45	2.392G	-49.96	2.49294G	-51.20	6.95699G	-47.30	2

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

2462MHz

03/11/2017

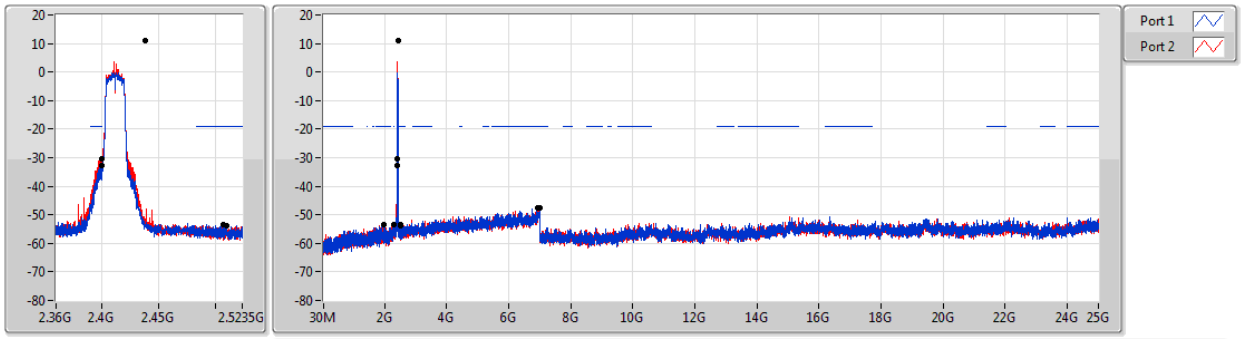


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435571G	12.64	-17.36	1.641195G	-53.17	2.39808G	-48.78	2.48502G	-46.13	6.968228G	-47.52	1
2.435571G	12.64	-17.36	2.300585G	-53.55	2.39808G	-48.62	2.48646G	-46.84	6.802464G	-47.58	2

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

2412MHz

03/11/2017

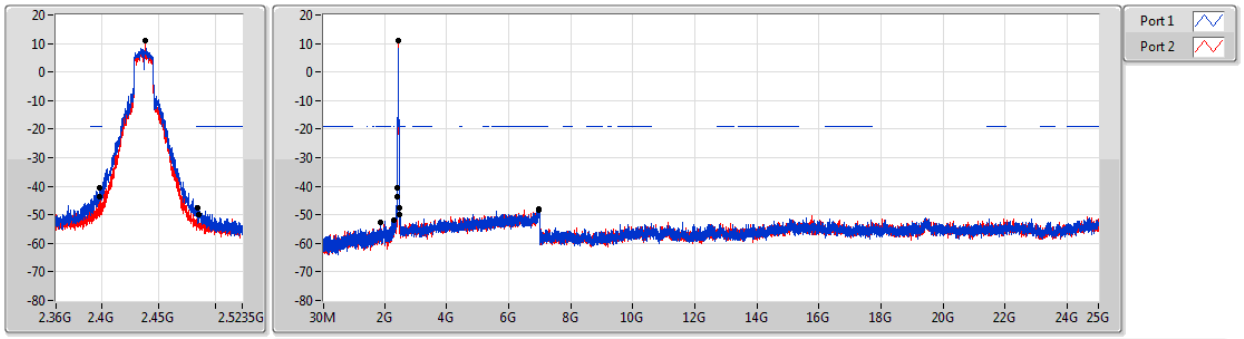


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438243G	10.86	-19.14	2.309905G	-53.45	2.39984G	-32.59	2.50702G	-53.39	6.985085G	-47.70	1
2.438243G	10.86	-19.14	1.955745G	-53.35	2.39976G	-30.28	2.5099G	-53.78	6.926084G	-47.75	2

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

2437MHz

03/11/2017

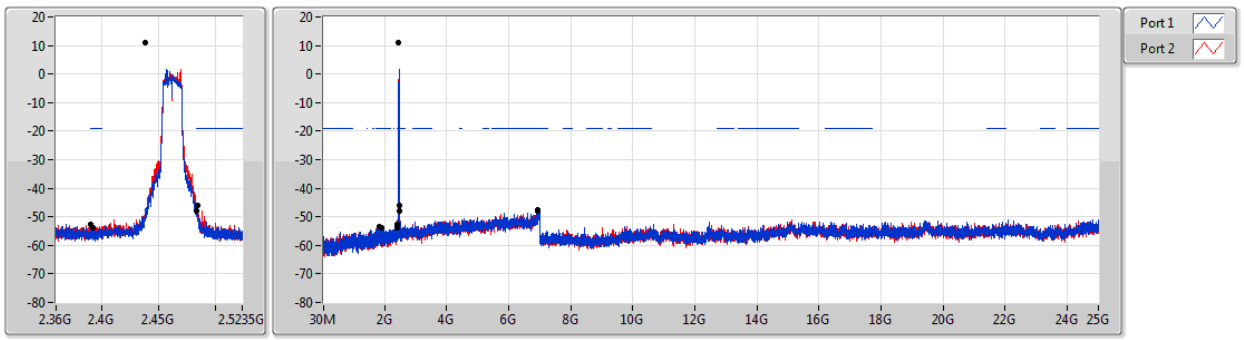


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438243G	10.86	-19.14	2.30874G	-51.69	2.39848G	-40.66	2.48446G	-47.62	6.95699G	-48.28	1
2.438243G	10.86	-19.14	1.867205G	-52.60	2.39864G	-43.49	2.48518G	-50.06	6.971037G	-48.03	2

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

2462MHz

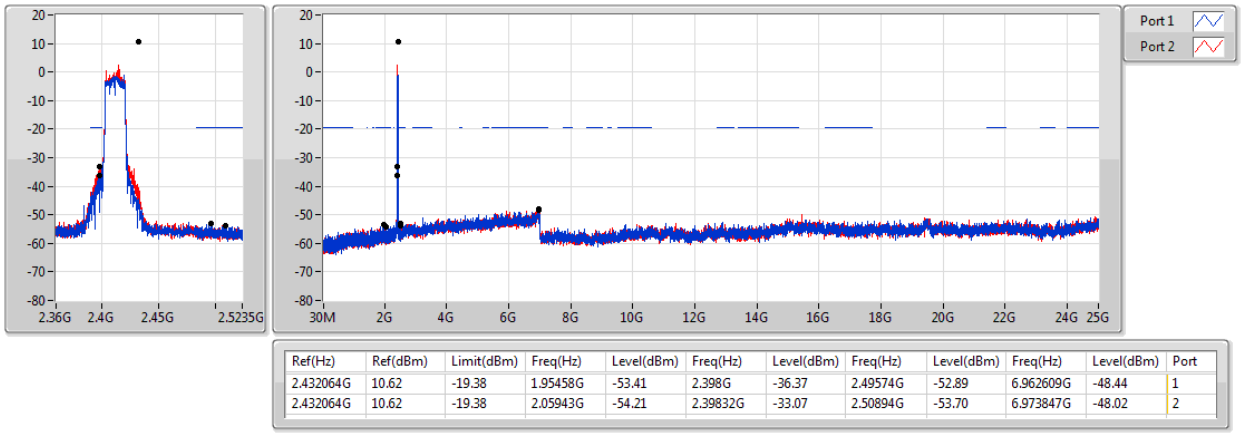
03/11/2017



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438243G	10.86	-19.14	1.883515G	-53.76	2.39248G	-53.77	2.48374G	-47.78	6.937323G	-47.72	1
2.438243G	10.86	-19.14	1.841575G	-53.63	2.39064G	-52.83	2.48462G	-45.90	6.926084G	-48.00	2

802.11n HT20_Nss1,(MCS0)_2TX CSE NdB

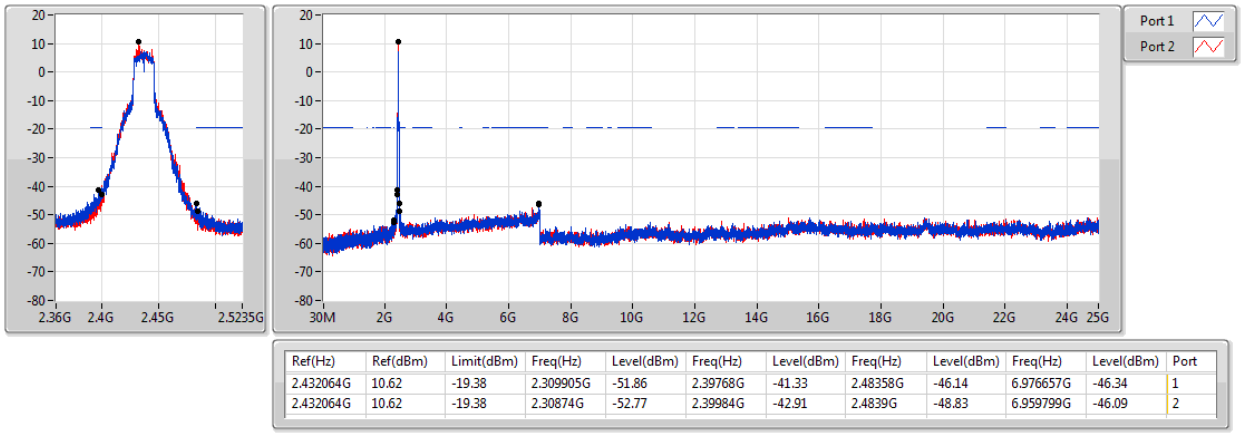
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.432064G	10.62	-19.38	1.95458G	-53.41	2.398G	-36.37	2.49574G	-52.89	6.962609G	-48.44	1
2.432064G	10.62	-19.38	2.05943G	-54.21	2.39832G	-33.07	2.50894G	-53.70	6.973847G	-48.02	2

802.11n HT20_Nss1,(MCS0)_2TX CSE NdB

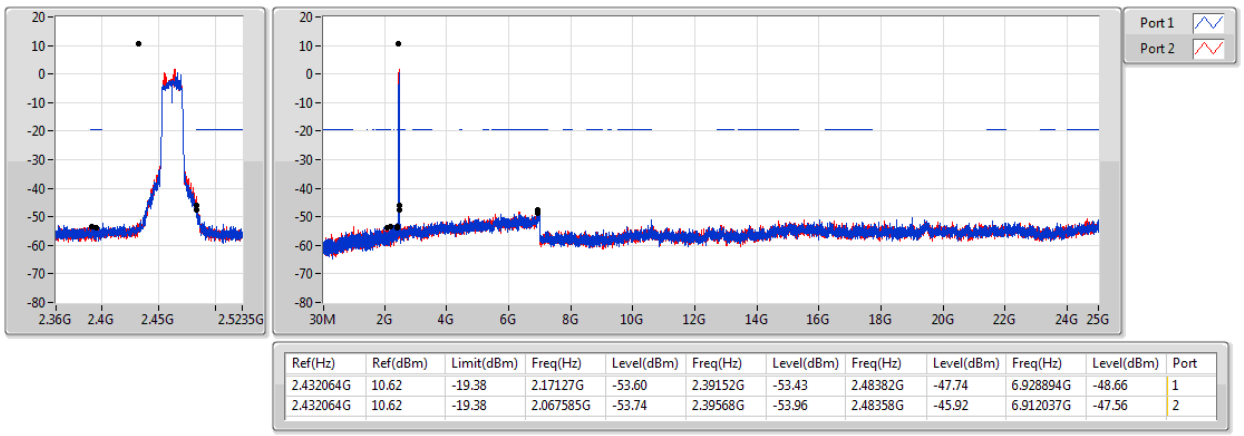
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.432064G	10.62	-19.38	2.309905G	-51.86	2.39768G	-41.33	2.48358G	-46.14	6.976657G	-46.34	1
2.432064G	10.62	-19.38	2.30874G	-52.77	2.39984G	-42.91	2.4839G	-48.83	6.959799G	-46.09	2

802.11n HT20_Nss1,(MCS0)_2TX CSE NdB

2462MHz

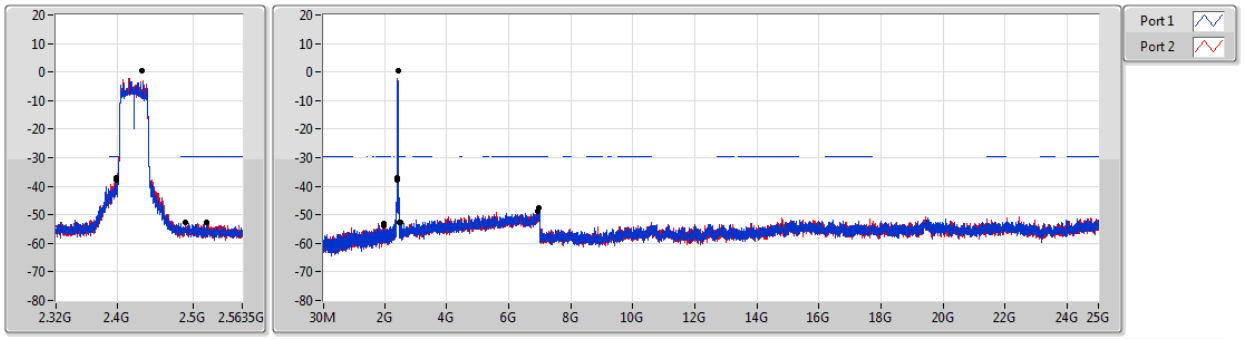


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.432064G	10.62	-19.38	2.17127G	-53.60	2.39152G	-53.43	2.48382G	-47.74	6.928894G	-48.66	1
2.432064G	10.62	-19.38	2.067585G	-53.74	2.39568G	-53.96	2.48358G	-45.92	6.912037G	-47.56	2

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

2422MHz

03/11/2017

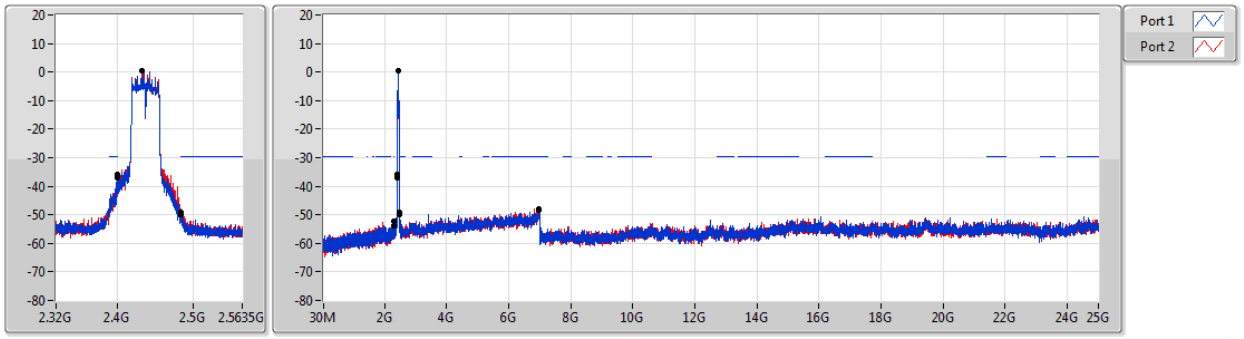


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.432064G	0.55	-29.45	1.9536G	-53.83	2.39904G	-37.84	2.51678G	-52.48	6.969468G	-47.40	1
2.432064G	0.55	-29.45	1.9765G	-52.97	2.3992G	-37.16	2.48894G	-52.70	6.927399G	-48.79	2

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

2437MHz

03/11/2017

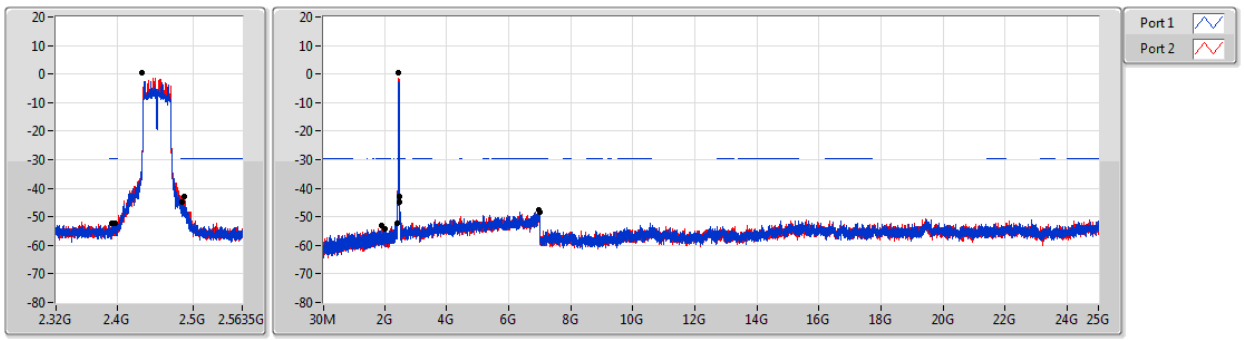


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.432064G	0.55	-29.45	2.300535G	-53.66	2.39968G	-36.03	2.48398G	-49.82	6.963859G	-48.30	1
2.432064G	0.55	-29.45	2.305115G	-52.16	2.39968G	-37.19	2.48382G	-49.01	6.961054G	-47.97	2

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

2452MHz

03/11/2017



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.432064G	0.55	-29.45	1.99482G	-54.10	2.39312G	-52.31	2.48478G	-44.80	6.958249G	-47.44	1
2.432064G	0.55	-29.45	1.890625G	-53.17	2.39728G	-52.38	2.48766G	-42.92	6.9891G	-48.25	2

Summary

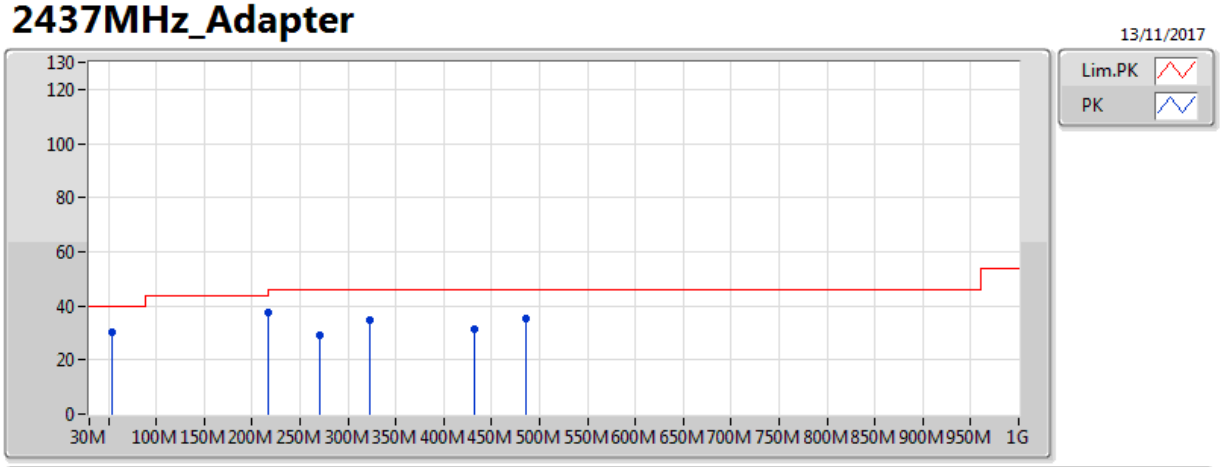
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	PK	216.24M	37.52	46.00	-8.48	-10.86	3	Vertical	0	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	53.28M	14.86	40.00	-25.14	-14.22	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	202.66M	30.63	43.50	-12.87	-10.81	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	229.82M	24.18	46.00	-21.82	-9.86	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	472.32M	26.35	46.00	-19.65	-2.62	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	759.44M	26.43	46.00	-19.57	0.96	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	860.32M	28.72	46.00	-17.28	2.43	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	53.28M	30.27	40.00	-9.73	-14.22	3	Vertical	0	1.00	-
2437MHz	Pass	PK	216.24M	37.52	46.00	-8.48	-10.86	3	Vertical	0	1.00	-
2437MHz	Pass	PK	270.56M	29.10	46.00	-16.90	-6.92	3	Vertical	0	1.00	-
2437MHz	Pass	PK	322.94M	34.95	46.00	-11.05	-6.05	3	Vertical	0	1.00	-
2437MHz	Pass	PK	431.58M	31.64	46.00	-14.36	-3.56	3	Vertical	0	1.00	-
2437MHz	Pass	PK	485.9M	35.36	46.00	-10.64	-2.59	3	Vertical	0	1.00	-

802.11n HT40_Nss1,(MCS0)_2TX

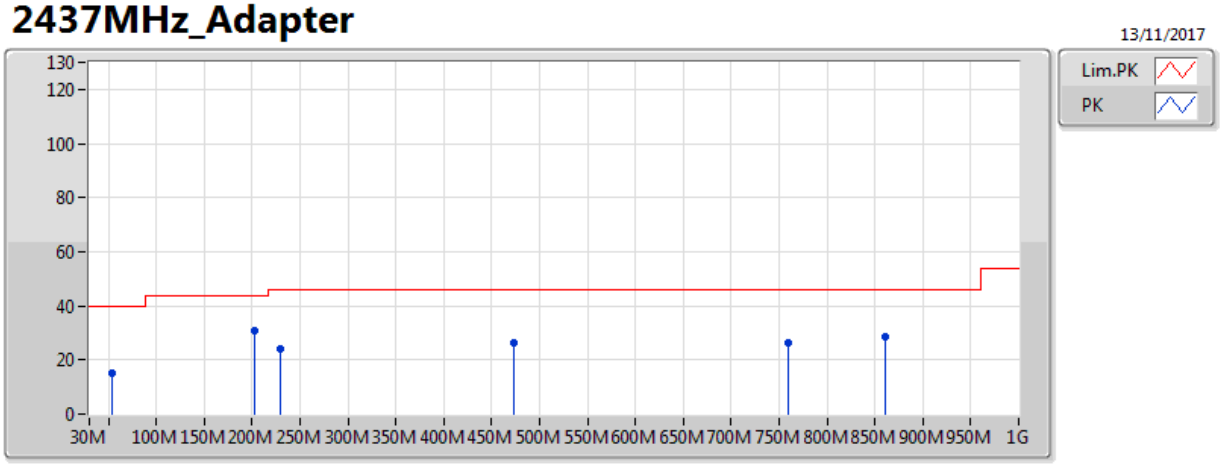
2437MHz_Adapter



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	53.28M	30.27	40.00	-9.73	-14.22	3	Vertical	0	1.00	-	44.49	12.33	1.03	27.57
PK	216.24M	37.52	46.00	-8.48	-10.86	3	Vertical	0	1.00	-	48.38	14.32	2.22	27.40
PK	270.56M	29.10	46.00	-16.90	-6.92	3	Vertical	0	1.00	-	36.02	18.02	2.33	27.27
PK	322.94M	34.95	46.00	-11.05	-6.05	3	Vertical	0	1.00	-	41.00	18.76	2.56	27.37
PK	431.58M	31.64	46.00	-14.36	-3.56	3	Vertical	0	1.00	-	35.20	21.41	3.16	28.13
PK	485.9M	35.36	46.00	-10.64	-2.59	3	Vertical	0	1.00	-	37.95	22.48	3.35	28.42

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_Adapter



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	53.28M	14.86	40.00	-25.14	-14.22	3	Horizontal	360	1.00	-	29.08	12.33	1.03	27.57
PK	202.66M	30.63	43.50	-12.87	-10.81	3	Horizontal	360	1.00	-	41.44	14.39	2.24	27.43
PK	229.82M	24.18	46.00	-21.82	-9.86	3	Horizontal	360	1.00	-	34.04	15.29	2.22	27.37
PK	472.32M	26.35	46.00	-19.65	-2.62	3	Horizontal	360	1.00	-	28.97	22.41	3.31	28.34
PK	759.44M	26.43	46.00	-19.57	0.96	3	Horizontal	360	1.00	-	25.47	24.94	4.21	28.19
PK	860.32M	28.72	46.00	-17.28	2.43	3	Horizontal	360	1.00	-	26.29	25.43	4.82	27.82

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	2.483502G	53.53	54.00	-0.47	31.27	3	Horizontal	87	1.14	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.4836G	53.05	54.00	-0.95	31.27	3	Horizontal	63	3.57	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	AV	2.3898G	53.73	54.00	-0.27	30.93	3	Horizontal	29	1.25	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	AV	2.484G	53.89	54.00	-0.11	31.27	3	Horizontal	81	2.34	-

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	2.389998G	52.68	54.00	-1.32	30.93	3	Horizontal	52	3.33	-
2412MHz	Pass	AV	2.4148G	111.30	Inf	-Inf	31.02	3	Horizontal	52	3.33	-
2412MHz	Pass	PK	2.3886G	70.47	74.00	-3.53	30.93	3	Horizontal	52	3.33	-
2412MHz	Pass	PK	2.4134G	116.35	Inf	-Inf	31.02	3	Horizontal	52	3.33	-
2412MHz	Pass	AV	2.389998G	49.76	54.00	-4.24	30.93	3	Vertical	75	3.69	-
2412MHz	Pass	AV	2.4148G	104.97	Inf	-Inf	31.02	3	Vertical	75	3.69	-
2412MHz	Pass	PK	2.3896G	65.6	74.00	-8.40	30.93	3	Vertical	75	3.69	-
2412MHz	Pass	PK	2.4132G	109.52	Inf	-Inf	31.02	3	Vertical	75	3.69	-
2412MHz	Pass	AV	4.824G	38.12	54.00	-15.88	2.10	3	Horizontal	346	1.66	-
2412MHz	Pass	PK	4.824G	47.47	74.00	-26.53	2.10	3	Horizontal	346	1.66	-
2412MHz	Pass	AV	4.874G	39.07	54.00	-14.93	2.26	3	Vertical	179	2.26	-
2412MHz	Pass	PK	4.874G	47.57	74.00	-26.43	2.26	3	Vertical	179	2.26	-
2437MHz	Pass	AV	2.3898G	50.60	54.00	-3.40	30.93	3	Horizontal	36	1.30	-
2437MHz	Pass	AV	2.4342G	114.08	Inf	-Inf	31.09	3	Horizontal	36	1.30	-
2437MHz	Pass	AV	2.483502G	50.18	54.00	-3.82	31.27	3	Horizontal	36	1.30	-
2437MHz	Pass	PK	2.3898G	60.72	74.00	-13.28	30.93	3	Horizontal	36	1.30	-
2437MHz	Pass	PK	2.4386G	118.59	Inf	-Inf	31.11	3	Horizontal	36	1.30	-
2437MHz	Pass	PK	2.483502G	62.18	74.00	-11.82	31.27	3	Horizontal	36	1.30	-
2437MHz	Pass	AV	2.3898G	45.91	54.00	-8.09	30.93	3	Vertical	93	2.41	-
2437MHz	Pass	AV	2.4398G	108.15	Inf	-Inf	31.11	3	Vertical	93	2.41	-
2437MHz	Pass	AV	2.4994G	46.48	54.00	-7.52	31.33	3	Vertical	93	2.41	-
2437MHz	Pass	PK	2.3898G	56.62	74.00	-17.38	30.93	3	Vertical	93	2.41	-
2437MHz	Pass	PK	2.4386G	112.66	Inf	-Inf	31.11	3	Vertical	93	2.41	-
2437MHz	Pass	PK	2.4934G	58.17	74.00	-15.83	31.31	3	Vertical	93	2.41	-
2437MHz	Pass	AV	4.874G	49.47	54.00	-4.53	2.26	3	Horizontal	84	1.34	-
2437MHz	Pass	AV	7.311G	37.63	54.00	-16.37	7.46	3	Horizontal	360	1.50	-
2437MHz	Pass	PK	4.874G	55.59	74.00	-18.41	2.26	3	Horizontal	84	1.34	-
2437MHz	Pass	PK	7.311G	51.17	74.00	-22.83	7.46	3	Horizontal	360	1.50	-
2437MHz	Pass	AV	4.874G	52.05	54.00	-1.95	2.26	3	Vertical	176	1.99	-
2437MHz	Pass	AV	7.311G	37.62	54.00	-16.38	7.46	3	Vertical	0	1.50	-
2437MHz	Pass	PK	4.874G	54.85	74.00	-19.15	2.26	3	Vertical	176	1.99	-
2437MHz	Pass	PK	7.311G	51.34	74.00	-22.66	7.46	3	Vertical	0	1.50	-
2462MHz	Pass	AV	2.4594G	106.35	Inf	-Inf	31.18	3	Horizontal	87	1.14	-
2462MHz	Pass	AV	2.483502G	53.53	54.00	-0.47	31.27	3	Horizontal	87	1.14	-
2462MHz	Pass	PK	2.4606G	110.45	Inf	-Inf	31.19	3	Horizontal	87	1.14	-
2462MHz	Pass	PK	2.484G	63.58	74.00	-10.42	31.27	3	Horizontal	87	1.14	-
2462MHz	Pass	AV	2.4594G	107.28	Inf	-Inf	31.18	3	Vertical	66	3.20	-
2462MHz	Pass	AV	2.483502G	52.60	54.00	-1.40	31.27	3	Vertical	66	3.20	-
2462MHz	Pass	PK	2.4606G	111.74	Inf	-Inf	31.19	3	Vertical	66	3.20	-
2462MHz	Pass	PK	2.4848G	67.92	74.00	-6.08	31.28	3	Vertical	66	3.20	-
2462MHz	Pass	AV	4.924G	49.65	54.00	-4.35	2.41	3	Horizontal	82	1.32	-
2462MHz	Pass	AV	7.386G	38.15	54.00	-15.85	7.65	3	Horizontal	360	1.50	-
2462MHz	Pass	PK	4.924G	53.59	74.00	-20.41	2.41	3	Horizontal	82	1.32	-
2462MHz	Pass	PK	7.386G	52.02	74.00	-21.98	7.65	3	Horizontal	360	1.50	-
2462MHz	Pass	AV	4.924G	46.89	54.00	-7.11	2.41	3	Vertical	173	2.43	-
2462MHz	Pass	AV	7.386G	38.40	54.00	-15.60	7.65	3	Vertical	100	1.38	-
2462MHz	Pass	PK	4.924G	51.59	74.00	-22.41	2.41	3	Vertical	173	2.43	-

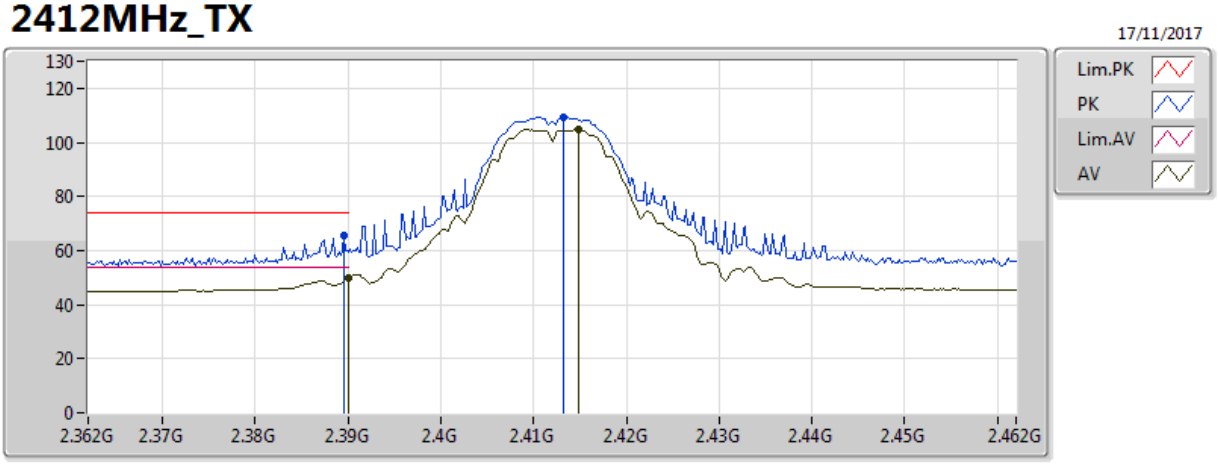
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	PK	7.386G	51.80	74.00	-22.20	7.65	3	Vertical	100	1.38	-
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.389998G	52.99	54.00	-1.01	30.93	3	Horizontal	68	2.62	-
2412MHz	Pass	AV	2.4102G	101.86	Inf	-Inf	31.01	3	Horizontal	68	2.62	-
2412MHz	Pass	PK	2.389998G	70.24	74.00	-3.76	30.93	3	Horizontal	68	2.62	-
2412MHz	Pass	PK	2.4076G	112.10	Inf	-Inf	31.00	3	Horizontal	68	2.62	-
2412MHz	Pass	AV	2.389998G	50.97	54.00	-3.03	30.93	3	Vertical	29	2.46	-
2412MHz	Pass	AV	2.411G	99.27	Inf	-Inf	31.01	3	Vertical	29	2.46	-
2412MHz	Pass	PK	2.389998G	67.63	74.00	-6.37	30.93	3	Vertical	29	2.46	-
2412MHz	Pass	PK	2.407G	109.46	Inf	-Inf	31.00	3	Vertical	29	2.46	-
2412MHz	Pass	AV	4.824G	32.27	54.00	-21.73	2.10	3	Horizontal	71	1.50	-
2412MHz	Pass	PK	4.824G	46.33	74.00	-27.67	2.10	3	Horizontal	71	1.50	-
2412MHz	Pass	AV	4.824G	32.35	54.00	-21.65	2.10	3	Vertical	274	1.50	-
2412MHz	Pass	PK	4.824G	45.61	74.00	-28.39	2.10	3	Vertical	274	1.50	-
2437MHz	Pass	AV	2.3898G	52.22	54.00	-1.78	30.93	3	Horizontal	70	1.25	-
2437MHz	Pass	AV	2.4382G	107.05	Inf	-Inf	31.11	3	Horizontal	70	1.25	-
2437MHz	Pass	AV	2.4862G	50.71	54.00	-3.29	31.28	3	Horizontal	70	1.25	-
2437MHz	Pass	PK	2.3898G	65.95	74.00	-8.05	30.93	3	Horizontal	70	1.25	-
2437MHz	Pass	PK	2.4322G	117.45	Inf	-Inf	31.09	3	Horizontal	70	1.25	-
2437MHz	Pass	PK	2.4842G	68.02	74.00	-5.98	31.27	3	Horizontal	70	1.25	-
2437MHz	Pass	AV	2.3898G	51.08	54.00	-2.92	30.93	3	Vertical	60	2.99	-
2437MHz	Pass	AV	2.4378G	105.30	Inf	-Inf	31.11	3	Vertical	60	2.99	-
2437MHz	Pass	AV	2.483502G	47.68	54.00	-6.32	31.27	3	Vertical	60	2.99	-
2437MHz	Pass	PK	2.3898G	67.08	74.00	-6.92	30.93	3	Vertical	60	2.99	-
2437MHz	Pass	PK	2.4382G	115.58	Inf	-Inf	31.11	3	Vertical	60	2.99	-
2437MHz	Pass	PK	2.4858G	61.85	74.00	-12.15	31.28	3	Vertical	60	2.99	-
2437MHz	Pass	AV	4.874G	33.18	54.00	-20.82	2.26	3	Horizontal	174	1.50	-
2437MHz	Pass	PK	4.874G	47.19	74.00	-26.81	2.26	3	Horizontal	174	1.50	-
2437MHz	Pass	AV	4.874G	34.10	54.00	-19.90	2.26	3	Vertical	36	1.50	-
2437MHz	Pass	PK	4.874G	46.51	74.00	-27.49	2.26	3	Vertical	36	1.50	-
2462MHz	Pass	AV	2.4608G	102.78	Inf	-Inf	31.19	3	Horizontal	63	3.57	-
2462MHz	Pass	AV	2.4836G	53.05	54.00	-0.95	31.27	3	Horizontal	63	3.57	-
2462MHz	Pass	PK	2.4572G	113.07	Inf	-Inf	31.18	3	Horizontal	63	3.57	-
2462MHz	Pass	PK	2.483502G	68.81	74.00	-5.19	31.27	3	Horizontal	63	3.57	-
2462MHz	Pass	AV	2.463G	100.87	Inf	-Inf	31.20	3	Vertical	25	2.91	-
2462MHz	Pass	AV	2.483502G	51.82	54.00	-2.18	31.27	3	Vertical	25	2.91	-
2462MHz	Pass	PK	2.4636G	110.87	Inf	-Inf	31.20	3	Vertical	25	2.91	-
2462MHz	Pass	PK	2.483502G	66.11	74.00	-7.89	31.27	3	Vertical	25	2.91	-
2462MHz	Pass	AV	4.924G	33.52	54.00	-20.48	2.41	3	Horizontal	115	1.50	-
2462MHz	Pass	PK	4.924G	47.32	74.00	-26.68	2.41	3	Horizontal	115	1.50	-
2462MHz	Pass	AV	4.924G	34.28	54.00	-19.72	2.41	3	Vertical	270	1.50	-
2462MHz	Pass	PK	4.924G	46.29	74.00	-27.71	2.41	3	Vertical	270	1.50	-
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.389998G	53.59	54.00	-0.41	30.93	3	Horizontal	73	2.64	-
2412MHz	Pass	AV	2.4106G	102.78	Inf	-Inf	31.01	3	Horizontal	73	2.64	-
2412MHz	Pass	PK	2.389998G	69.59	74.00	-4.41	30.93	3	Horizontal	73	2.64	-
2412MHz	Pass	PK	2.4106G	112.68	Inf	-Inf	31.01	3	Horizontal	73	2.64	-
2412MHz	Pass	AV	2.389998G	51.47	54.00	-2.53	30.93	3	Vertical	35	2.46	-
2412MHz	Pass	AV	2.4106G	100.33	Inf	-Inf	31.01	3	Vertical	35	2.46	-

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	2.389998G	65.47	74.00	-8.53	30.93	3	Vertical	35	2.46	-
2412MHz	Pass	PK	2.4104G	110.58	Inf	-Inf	31.01	3	Vertical	35	2.46	-
2412MHz	Pass	AV	4.824G	32.89	54.00	-21.11	2.10	3	Horizontal	168	1.50	-
2412MHz	Pass	PK	4.824G	46.46	74.00	-27.54	2.10	3	Horizontal	168	1.50	-
2412MHz	Pass	AV	4.824G	33.14	54.00	-20.86	2.10	3	Vertical	211	1.50	-
2412MHz	Pass	PK	4.824G	47.03	74.00	-26.97	2.10	3	Vertical	211	1.50	-
2437MHz	Pass	AV	2.3898G	53.73	54.00	-0.27	30.93	3	Horizontal	29	1.25	-
2437MHz	Pass	AV	2.4358G	108.54	Inf	-Inf	31.10	3	Horizontal	29	1.25	-
2437MHz	Pass	AV	2.483502G	51.26	54.00	-2.74	31.27	3	Horizontal	29	1.25	-
2437MHz	Pass	PK	2.3898G	69.45	74.00	-4.55	30.93	3	Horizontal	29	1.25	-
2437MHz	Pass	PK	2.4358G	118.45	Inf	-Inf	31.10	3	Horizontal	29	1.25	-
2437MHz	Pass	PK	2.4874G	69.39	74.00	-4.61	31.28	3	Horizontal	29	1.25	-
2437MHz	Pass	AV	2.3894G	49.82	54.00	-4.18	30.93	3	Vertical	66	3.25	-
2437MHz	Pass	AV	2.4358G	106.03	Inf	-Inf	31.10	3	Vertical	66	3.25	-
2437MHz	Pass	AV	2.4842G	48.78	54.00	-5.22	31.27	3	Vertical	66	3.25	-
2437MHz	Pass	PK	2.3898G	64.23	74.00	-9.77	30.93	3	Vertical	66	3.25	-
2437MHz	Pass	PK	2.4382G	116.08	Inf	-Inf	31.11	3	Vertical	66	3.25	-
2437MHz	Pass	PK	2.4838G	68.46	74.00	-5.54	31.27	3	Vertical	66	3.25	-
2437MHz	Pass	AV	4.874G	42.78	54.00	-11.22	2.26	3	Horizontal	87	1.34	-
2437MHz	Pass	PK	4.874G	58.39	74.00	-15.61	2.26	3	Horizontal	87	1.34	-
2437MHz	Pass	AV	4.874G	43.62	54.00	-10.38	2.10	3	Vertical	178	2.22	-
2437MHz	Pass	PK	4.874G	58.75	74.00	-15.25	2.10	3	Vertical	178	2.22	-
2462MHz	Pass	AV	2.4604G	101.36	Inf	-Inf	31.19	3	Horizontal	66	3.58	-
2462MHz	Pass	AV	2.483502G	53.34	54.00	-0.66	31.27	3	Horizontal	66	3.58	-
2462MHz	Pass	PK	2.4606G	111.50	Inf	-Inf	31.19	3	Horizontal	66	3.58	-
2462MHz	Pass	PK	2.483502G	69.29	74.00	-4.71	31.27	3	Horizontal	66	3.58	-
2462MHz	Pass	AV	2.4636G	99.26	Inf	-Inf	31.20	3	Vertical	24	2.92	-
2462MHz	Pass	AV	2.483502G	51.91	54.00	-2.09	31.27	3	Vertical	24	2.92	-
2462MHz	Pass	PK	2.4634G	109.42	Inf	-Inf	31.20	3	Vertical	24	2.92	-
2462MHz	Pass	PK	2.483502G	67.97	74.00	-6.03	31.27	3	Vertical	24	2.92	-
2462MHz	Pass	AV	4.924G	33.14	54.00	-20.86	2.41	3	Horizontal	69	1.50	-
2462MHz	Pass	PK	4.924G	47.14	74.00	-26.86	2.41	3	Horizontal	69	1.50	-
2462MHz	Pass	AV	4.924G	33.93	54.00	-20.07	2.41	3	Vertical	293	1.50	-
2462MHz	Pass	PK	4.924G	46.63	74.00	-27.37	2.41	3	Vertical	293	1.50	-
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.389998G	53.68	54.00	-0.32	30.93	3	Horizontal	71	1.66	-
2422MHz	Pass	AV	2.42G	85.94	Inf	-Inf	31.04	3	Horizontal	71	1.66	-
2422MHz	Pass	AV	2.5G	45.73	54.00	-8.27	31.33	3	Horizontal	71	1.66	-
2422MHz	Pass	PK	2.3896G	72.70	74.00	-1.30	30.93	3	Horizontal	71	1.66	-
2422MHz	Pass	PK	2.4204G	108.44	Inf	-Inf	31.04	3	Horizontal	71	1.66	-
2422MHz	Pass	PK	2.4992G	57.49	74.00	-16.51	31.33	3	Horizontal	71	1.66	-
2422MHz	Pass	AV	2.389998G	52.78	54.00	-1.22	30.93	3	Vertical	14	2.47	-
2422MHz	Pass	AV	2.4064G	93.42	Inf	-Inf	30.99	3	Vertical	14	2.47	-
2422MHz	Pass	AV	2.496G	46.35	54.00	-7.65	31.32	3	Vertical	14	2.47	-
2422MHz	Pass	PK	2.389998G	68.46	74.00	-5.54	30.93	3	Vertical	14	2.47	-
2422MHz	Pass	PK	2.4056G	102.96	Inf	-Inf	30.99	3	Vertical	14	2.47	-
2422MHz	Pass	PK	2.4936G	57.33	74.00	-16.67	31.31	3	Vertical	14	2.47	-
2422MHz	Pass	AV	4.844G	34.03	54.00	-19.97	2.17	3	Horizontal	316	1.50	-
2422MHz	Pass	PK	4.844G	46.64	74.00	-27.36	2.17	3	Horizontal	316	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2422MHz	Pass	AV	4.844G	33.53	54.00	-20.47	2.17	3	Vertical	121	1.50	-
2422MHz	Pass	PK	4.844G	45.24	74.00	-28.76	2.17	3	Vertical	121	1.50	-
2437MHz	Pass	AV	2.3894G	53.24	54.00	-0.76	30.93	3	Horizontal	80	1.45	-
2437MHz	Pass	AV	2.4314G	99.89	Inf	-Inf	31.08	3	Horizontal	80	1.45	-
2437MHz	Pass	AV	2.483502G	52.11	54.00	-1.89	31.27	3	Horizontal	80	1.45	-
2437MHz	Pass	PK	2.3894G	65.78	74.00	-8.22	30.93	3	Horizontal	80	1.45	-
2437MHz	Pass	PK	2.4326G	109.31	Inf	-Inf	31.09	3	Horizontal	80	1.45	-
2437MHz	Pass	PK	2.4838G	66.61	74.00	-7.39	31.27	3	Horizontal	80	1.45	-
2437MHz	Pass	AV	2.389998G	50.13	54.00	-3.87	30.93	3	Vertical	63	3.32	-
2437MHz	Pass	AV	2.4266G	96.21	Inf	-Inf	31.07	3	Vertical	63	3.32	-
2437MHz	Pass	AV	2.483502G	48.66	54.00	-5.34	31.27	3	Vertical	63	3.32	-
2437MHz	Pass	PK	2.3894G	62.72	74.00	-11.28	30.93	3	Vertical	63	3.32	-
2437MHz	Pass	PK	2.4266G	105.78	Inf	-Inf	31.07	3	Vertical	63	3.32	-
2437MHz	Pass	PK	2.4838G	63.20	74.00	-10.80	31.27	3	Vertical	63	3.32	-
2437MHz	Pass	AV	4.874G	33.44	54.00	-20.56	2.26	3	Horizontal	324	1.50	-
2437MHz	Pass	PK	4.874G	45.78	74.00	-28.22	2.26	3	Horizontal	324	1.50	-
2437MHz	Pass	AV	4.874G	33.58	54.00	-20.42	2.26	3	Vertical	108	1.50	-
2437MHz	Pass	PK	4.874G	46.22	74.00	-27.78	2.26	3	Vertical	108	1.50	-
2452MHz	Pass	AV	2.3892G	46.72	54.00	-7.28	30.93	3	Horizontal	81	2.34	-
2452MHz	Pass	AV	2.4464G	96.12	Inf	-Inf	31.14	3	Horizontal	81	2.34	-
2452MHz	Pass	AV	2.484G	53.89	54.00	-0.11	31.27	3	Horizontal	81	2.34	-
2452MHz	Pass	PK	2.3896G	56.92	74.00	-17.08	30.93	3	Horizontal	81	2.34	-
2452MHz	Pass	PK	2.4504G	105.76	Inf	-Inf	31.15	3	Horizontal	81	2.34	-
2452MHz	Pass	PK	2.4848G	70.66	74.00	-3.34	31.28	3	Horizontal	81	2.34	-
2452MHz	Pass	AV	2.3892G	46.04	54.00	-7.96	30.93	3	Vertical	61	3.25	-
2452MHz	Pass	AV	2.4536G	92.11	Inf	-Inf	31.16	3	Vertical	61	3.25	-
2452MHz	Pass	AV	2.4836G	51.44	54.00	-2.56	31.27	3	Vertical	61	3.25	-
2452MHz	Pass	PK	2.3896G	55.45	74.00	-18.55	30.93	3	Vertical	61	3.25	-
2452MHz	Pass	PK	2.4556G	103.19	Inf	-Inf	31.17	3	Vertical	61	3.25	-
2452MHz	Pass	PK	2.4836G	67.57	74.00	-6.43	31.27	3	Vertical	61	3.25	-
2452MHz	Pass	AV	4.904G	33.78	54.00	-20.22	2.35	3	Horizontal	0	1.50	-
2452MHz	Pass	PK	4.904G	46.14	74.00	-27.86	2.35	3	Horizontal	0	1.50	-
2452MHz	Pass	AV	4.904G	34.07	54.00	-19.93	2.35	3	Vertical	323	1.50	-
2452MHz	Pass	PK	4.904G	46.61	74.00	-27.39	2.35	3	Vertical	323	1.50	-

802.11b_Nss1,(1Mbps)_2TX

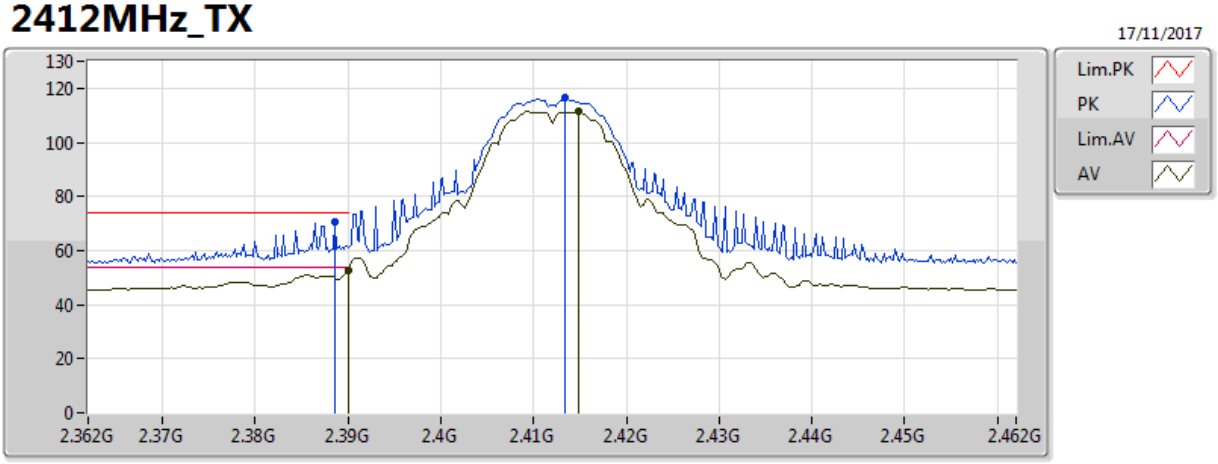
2412MHz_TX



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	2.39G	49.76	54.00	-4.24	30.93	3	Vertical	75	3.69	-	18.83	27.31	3.62	-
AV	2.4148G	104.97	Inf	-Inf	31.02	3	Vertical	75	3.69	-	73.95	27.38	3.64	-
PK	2.3896G	65.60	74.00	-8.40	30.93	3	Vertical	75	3.69	-	34.67	27.31	3.62	-
PK	2.4132G	109.52	Inf	-Inf	31.02	3	Vertical	75	3.69	-	78.50	27.37	3.64	-

802.11b_Nss1,(1Mbps)_2TX

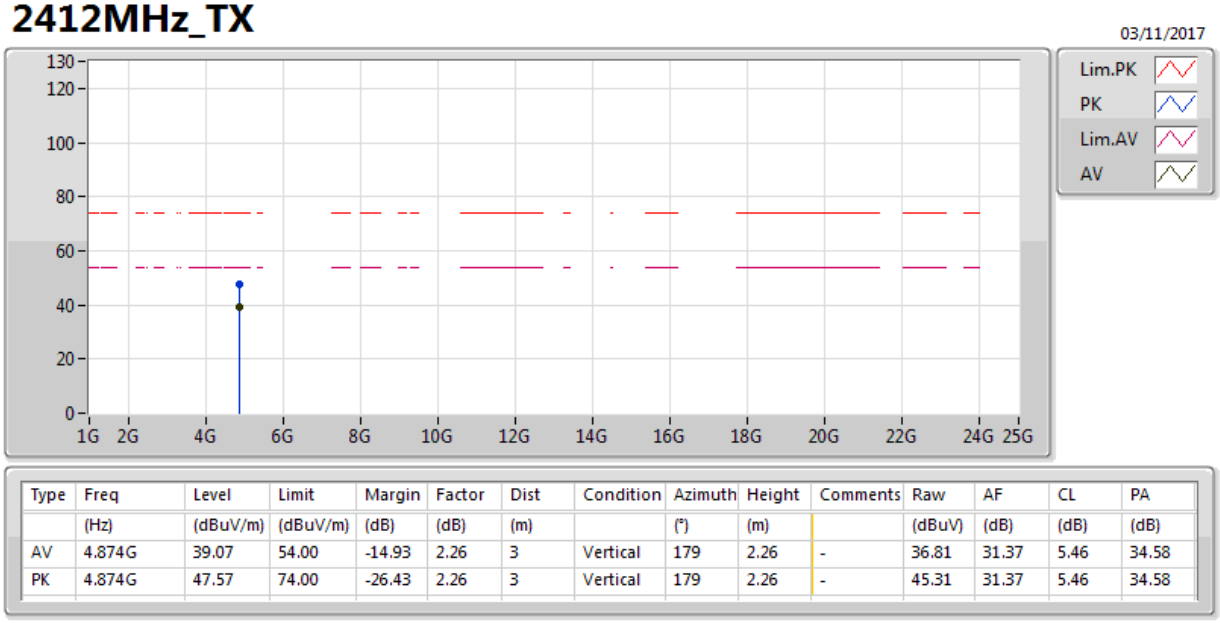
2412MHz_TX



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)
PK	2.3886G	70.47	74.00	-3.53	30.93	3	Horizontal	52	3.33	-	39.54	27.31	3.62	-
PK	2.4134G	116.35	Inf	-Inf	31.02	3	Horizontal	52	3.33	-	85.33	27.37	3.64	-
AV	2.4148G	111.30	Inf	-Inf	31.02	3	Horizontal	52	3.33	-	80.28	27.38	3.64	-
AV	2.39G	52.68	54.00	-1.32	30.93	3	Horizontal	52	3.33	-	21.74	27.31	3.62	-

802.11b_Nss1,(1Mbps)_2TX

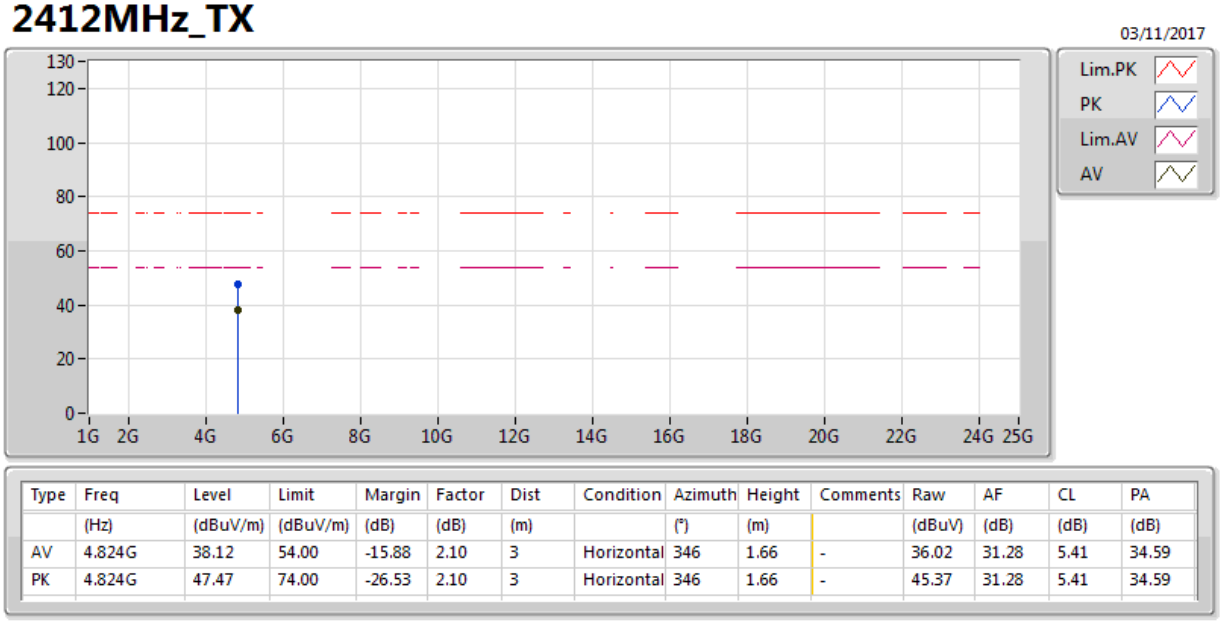
2412MHz_TX



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	4.874G	39.07	54.00	-14.93	2.26	3	Vertical	179	2.26	-	36.81	31.37	5.46	34.58
PK	4.874G	47.57	74.00	-26.43	2.26	3	Vertical	179	2.26	-	45.31	31.37	5.46	34.58

802.11b_Nss1,(1Mbps)_2TX

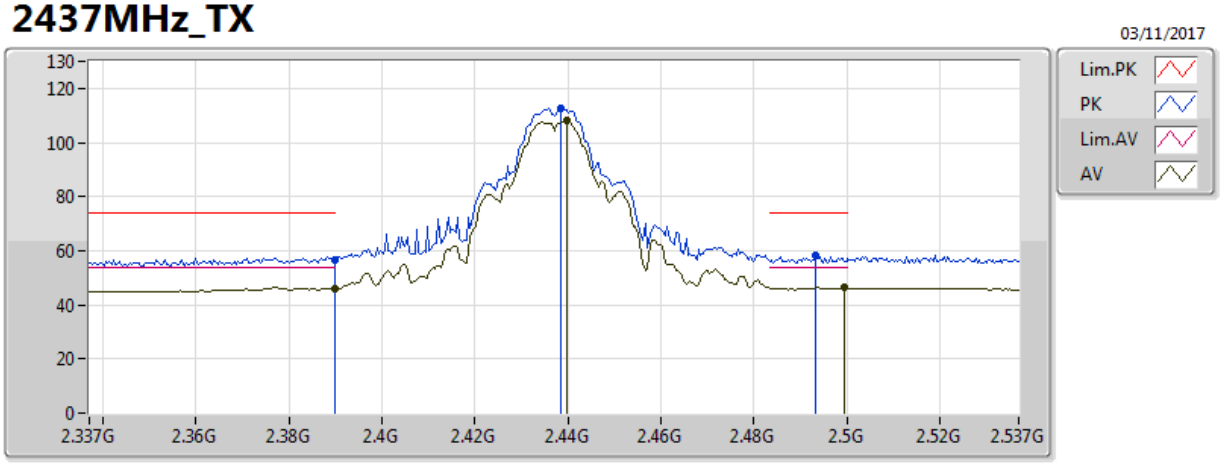
2412MHz_TX



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	38.12	54.00	-15.88	2.10	3	Horizontal	346	1.66	-	36.02	31.28	5.41	34.59
PK	4.824G	47.47	74.00	-26.53	2.10	3	Horizontal	346	1.66	-	45.37	31.28	5.41	34.59

802.11b_Nss1,(1Mbps)_2TX

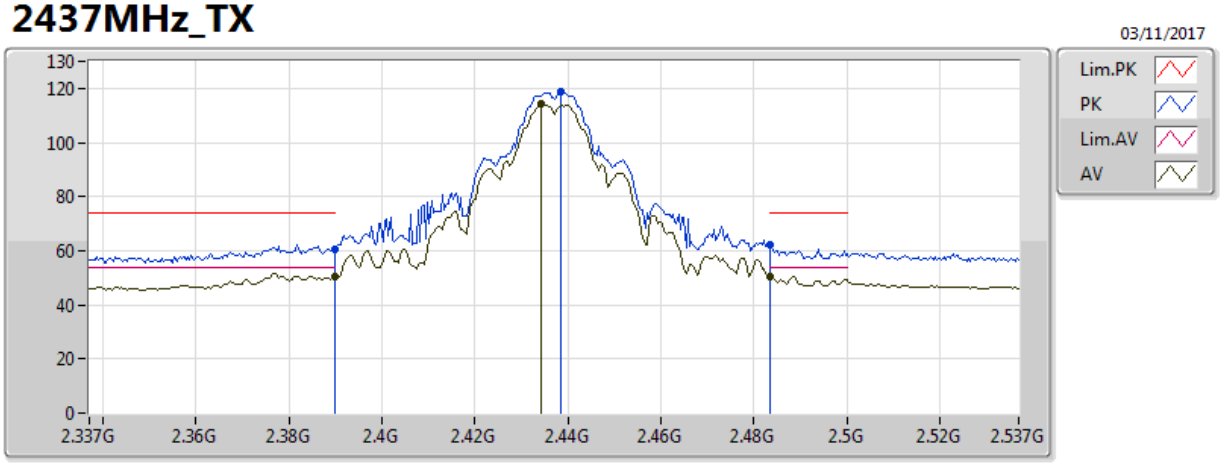
2437MHz_TX



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	2.3898G	45.91	54.00	-8.09	30.93	3	Vertical	93	2.41	-	14.98	27.31	3.62	-
AV	2.4398G	108.15	Inf	-Inf	31.11	3	Vertical	93	2.41	-	77.04	27.44	3.67	-
AV	2.4994G	46.48	54.00	-7.52	31.33	3	Vertical	93	2.41	-	15.16	27.60	3.73	-
PK	2.3898G	56.62	74.00	-17.38	30.93	3	Vertical	93	2.41	-	25.69	27.31	3.62	-
PK	2.4386G	112.66	Inf	-Inf	31.11	3	Vertical	93	2.41	-	81.55	27.44	3.67	-
PK	2.4934G	58.17	74.00	-15.83	31.31	3	Vertical	93	2.41	-	26.86	27.58	3.72	-

802.11b_Nss1,(1Mbps)_2TX

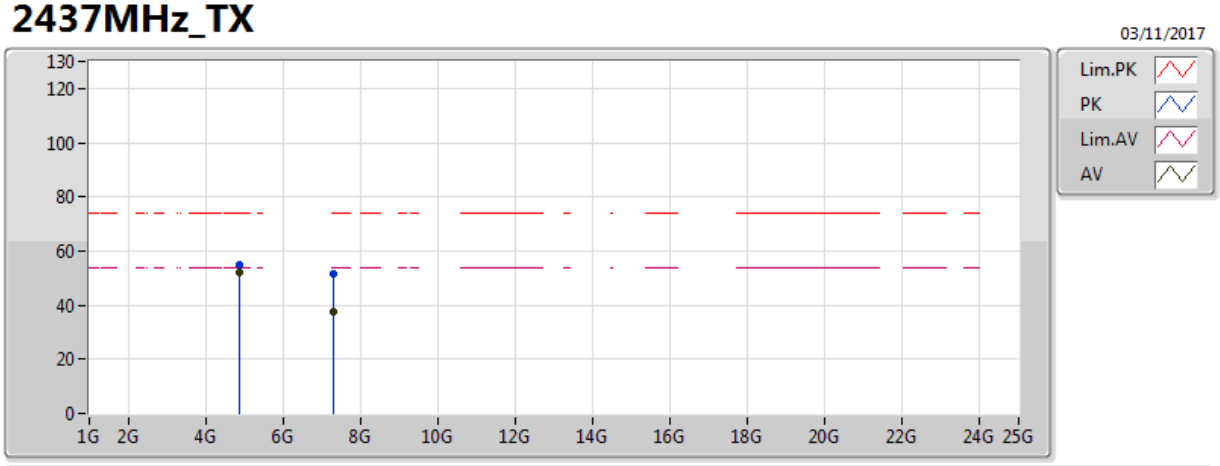
2437MHz_TX



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	2.3898G	50.60	54.00	-3.40	30.93	3	Horizontal	36	1.30	-	19.67	27.31	3.62	-
AV	2.4342G	114.08	Inf	-Inf	31.09	3	Horizontal	36	1.30	-	82.98	27.43	3.66	-
AV	2.483502G	50.18	54.00	-3.82	31.27	3	Horizontal	36	1.30	-	18.91	27.56	3.71	-
PK	2.3898G	60.72	74.00	-13.28	30.93	3	Horizontal	36	1.30	-	29.79	27.31	3.62	-
PK	2.4386G	118.59	Inf	-Inf	31.11	3	Horizontal	36	1.30	-	87.48	27.44	3.67	-
PK	2.483502G	62.18	74.00	-11.82	31.27	3	Horizontal	36	1.30	-	30.91	27.56	3.71	-

802.11b_Nss1,(1Mbps)_2TX

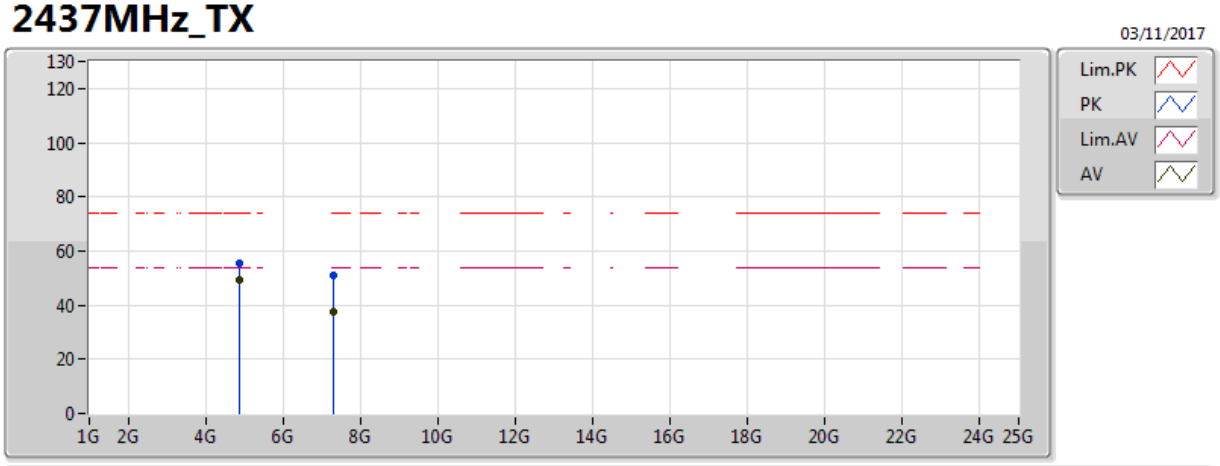
2437MHz_TX



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	52.05	54.00	-1.95	2.26	3	Vertical	176	1.99	-	49.79	31.37	5.46	34.58
AV	7.311G	37.62	54.00	-16.38	7.46	3	Vertical	0	1.50	-	30.16	35.81	6.63	34.98
PK	4.874G	54.85	74.00	-19.15	2.26	3	Vertical	176	1.99	-	52.59	31.37	5.46	34.58
PK	7.311G	51.34	74.00	-22.66	7.46	3	Vertical	0	1.50	-	43.88	35.81	6.63	34.98

802.11b_Nss1,(1Mbps)_2TX

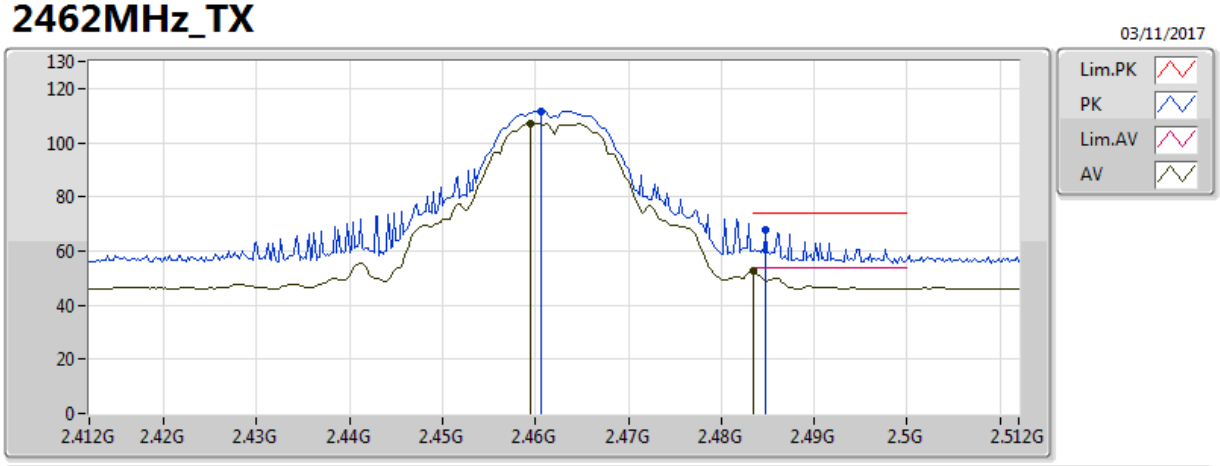
2437MHz_TX



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	49.47	54.00	-4.53	2.26	3	Horizontal	84	1.34	-	47.21	31.37	5.46	34.58
AV	7.311G	37.63	54.00	-16.37	7.46	3	Horizontal	360	1.50	-	30.17	35.81	6.63	34.98
PK	4.874G	55.59	74.00	-18.41	2.26	3	Horizontal	84	1.34	-	53.33	31.37	5.46	34.58
PK	7.311G	51.17	74.00	-22.83	7.46	3	Horizontal	360	1.50	-	43.71	35.81	6.63	34.98

802.11b_Nss1,(1Mbps)_2TX

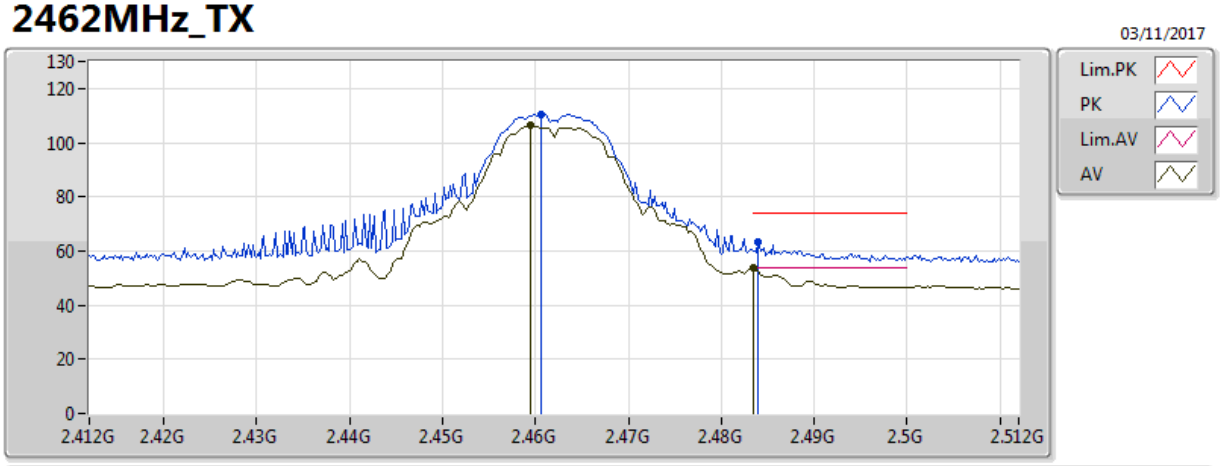
2462MHz_TX



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	2.4594G	107.28	Inf	-Inf	31.18	3	Vertical	66	3.20	-	76.10	27.49	3.69	-
AV	2.483502G	52.60	54.00	-1.40	31.27	3	Vertical	66	3.20	-	21.33	27.56	3.71	-
PK	2.4606G	111.74	Inf	-Inf	31.19	3	Vertical	66	3.20	-	80.55	27.50	3.69	-
PK	2.4848G	67.92	74.00	-6.08	31.28	3	Vertical	66	3.20	-	36.64	27.56	3.71	-

802.11b_Nss1,(1Mbps)_2TX

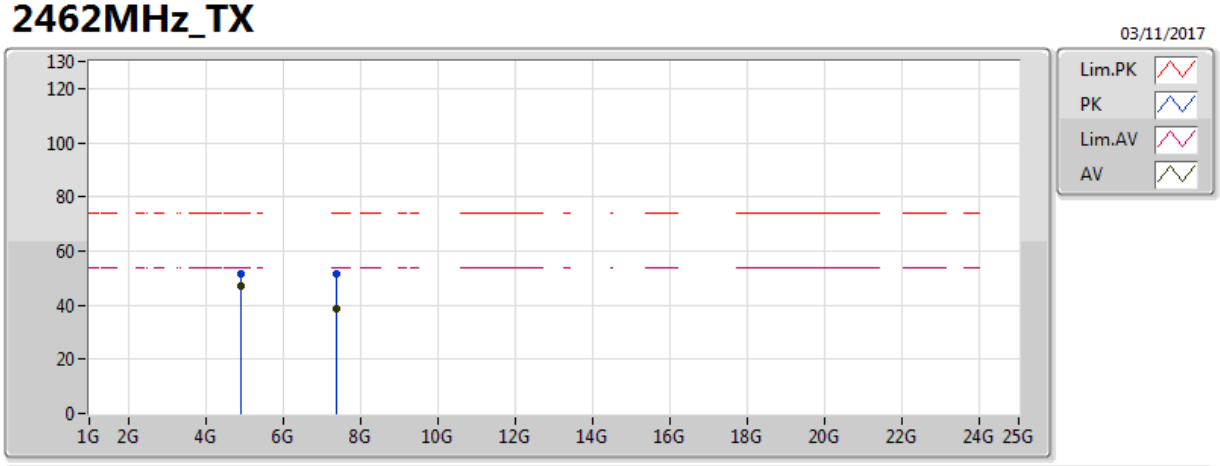
2462MHz_TX



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	2.4594G	106.35	Inf	-Inf	31.18	3	Horizontal	87	1.14	-	75.16	27.49	3.69	-
AV	2.483502G	53.53	54.00	-0.47	31.27	3	Horizontal	87	1.14	-	22.25	27.56	3.71	-
PK	2.4606G	110.45	Inf	-Inf	31.19	3	Horizontal	87	1.14	-	79.27	27.50	3.69	-
PK	2.484G	63.58	74.00	-10.42	31.27	3	Horizontal	87	1.14	-	32.31	27.56	3.71	-

802.11b_Nss1,(1Mbps)_2TX

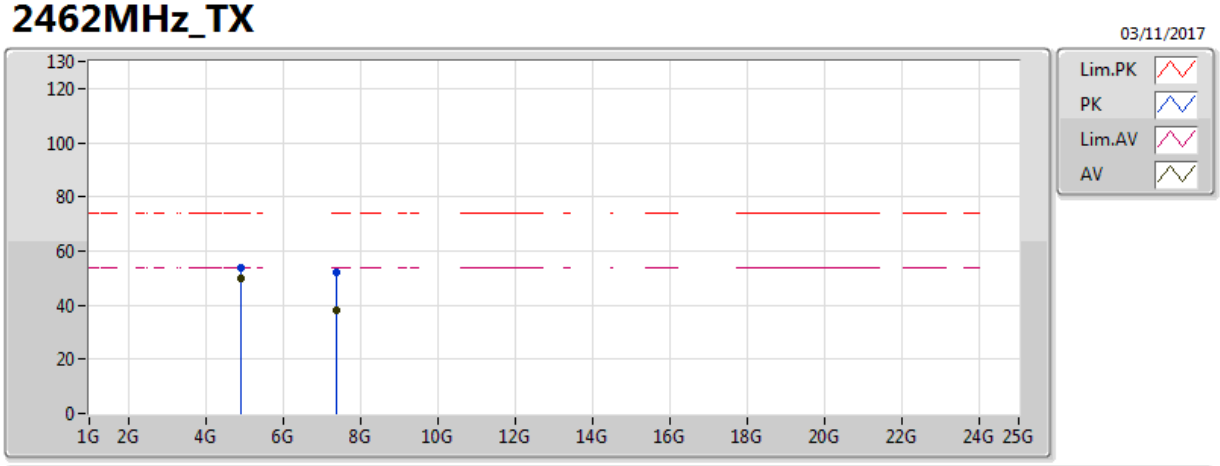
2462MHz_TX



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	46.89	54.00	-7.11	2.41	3	Vertical	173	2.43	-	44.48	31.46	5.52	34.57
AV	7.386G	38.40	54.00	-15.60	7.65	3	Vertical	100	1.38	-	30.75	36.00	6.66	35.01
PK	4.924G	51.59	74.00	-22.41	2.41	3	Vertical	173	2.43	-	49.18	31.46	5.52	34.57
PK	7.386G	51.80	74.00	-22.20	7.65	3	Vertical	100	1.38	-	44.15	36.00	6.66	35.01

802.11b_Nss1,(1Mbps)_2TX

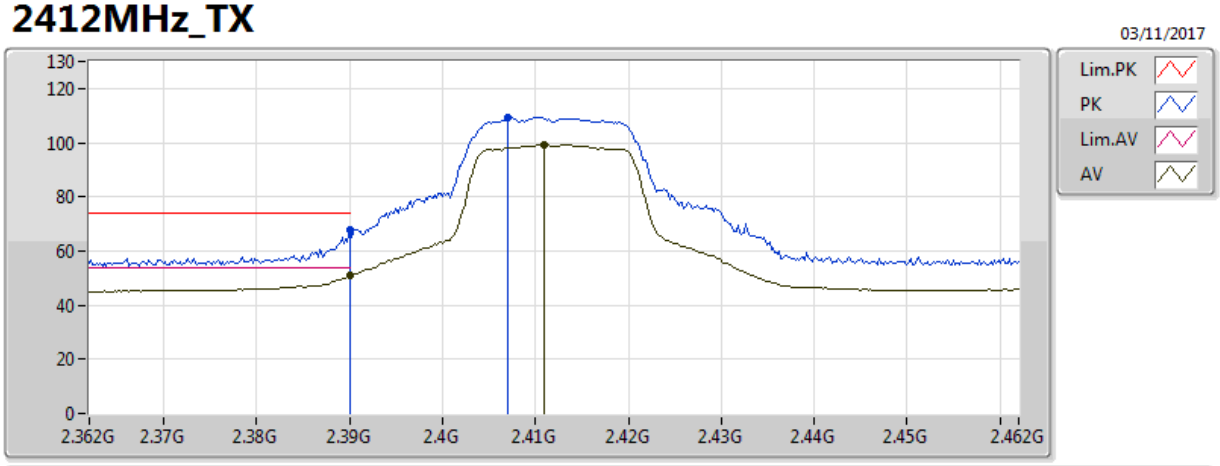
2462MHz_TX



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	49.65	54.00	-4.35	2.41	3	Horizontal	82	1.32	-	47.24	31.46	5.52	34.57
AV	7.386G	38.15	54.00	-15.85	7.65	3	Horizontal	360	1.50	-	30.50	36.00	6.66	35.01
PK	4.924G	53.59	74.00	-20.41	2.41	3	Horizontal	82	1.32	-	51.18	31.46	5.52	34.57
PK	7.386G	52.02	74.00	-21.98	7.65	3	Horizontal	360	1.50	-	44.37	36.00	6.66	35.01

802.11g_Nss1,(6Mbps)_2TX

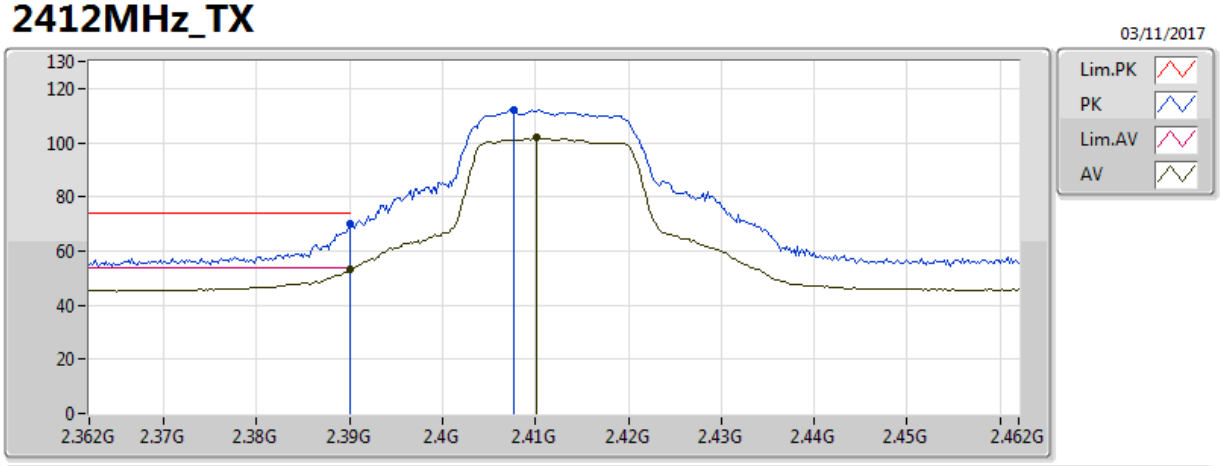
2412MHz_TX



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	2.389998G	50.97	54.00	-3.03	30.93	3	Vertical	29	2.46	-	20.04	27.31	3.62	-
AV	2.411G	99.27	Inf	-Inf	31.01	3	Vertical	29	2.46	-	68.26	27.37	3.64	-
PK	2.389998G	67.63	74.00	-6.37	30.93	3	Vertical	29	2.46	-	36.70	27.31	3.62	-
PK	2.407G	109.46	Inf	-Inf	31.00	3	Vertical	29	2.46	-	78.46	27.36	3.64	-

802.11g_Nss1,(6Mbps)_2TX

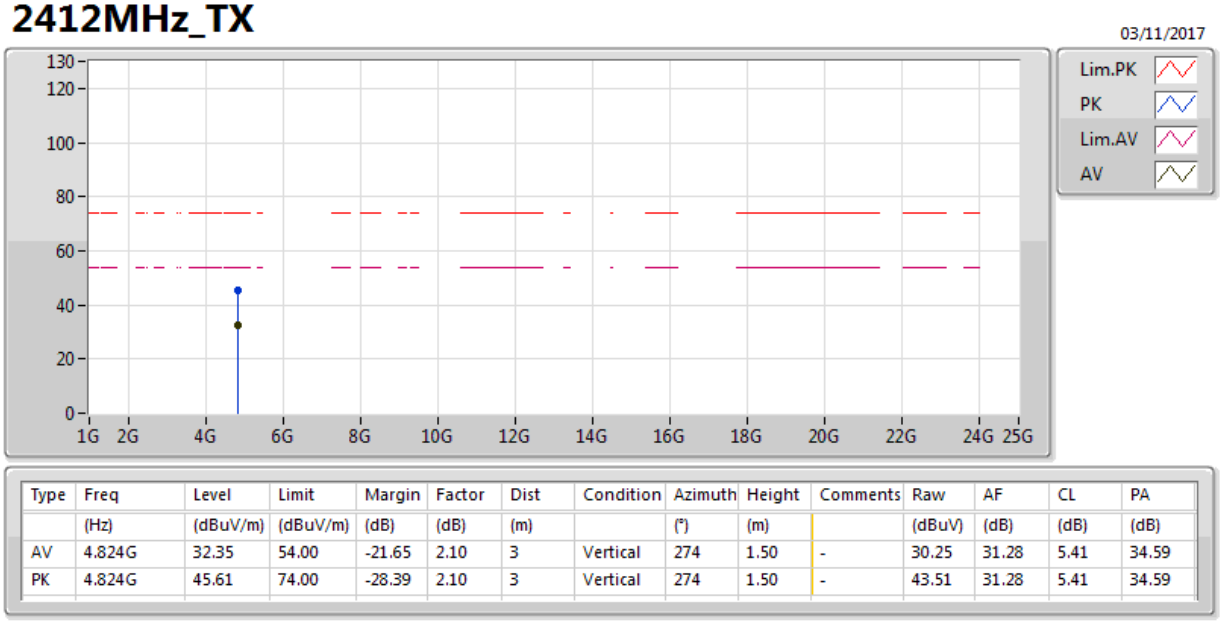
2412MHz_TX



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	2.389998G	52.99	54.00	-1.01	30.93	3	Horizontal	68	2.62	-	22.06	27.31	3.62	-
AV	2.4102G	101.86	Inf	-Inf	31.01	3	Horizontal	68	2.62	-	70.85	27.37	3.64	-
PK	2.389998G	70.24	74.00	-3.76	30.93	3	Horizontal	68	2.62	-	39.31	27.31	3.62	-
PK	2.4076G	112.10	Inf	-Inf	31.00	3	Horizontal	68	2.62	-	81.11	27.36	3.64	-

802.11g_Nss1,(6Mbps)_2TX

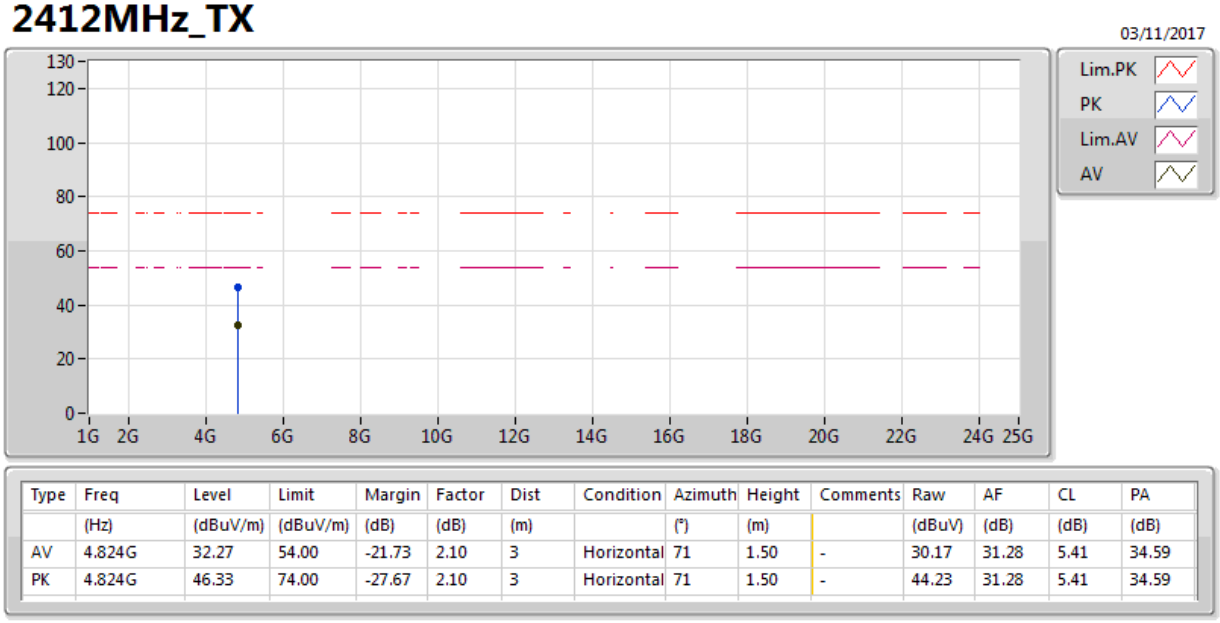
2412MHz_TX



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	32.35	54.00	-21.65	2.10	3	Vertical	274	1.50	-	30.25	31.28	5.41	34.59
PK	4.824G	45.61	74.00	-28.39	2.10	3	Vertical	274	1.50	-	43.51	31.28	5.41	34.59

802.11g_Nss1,(6Mbps)_2TX

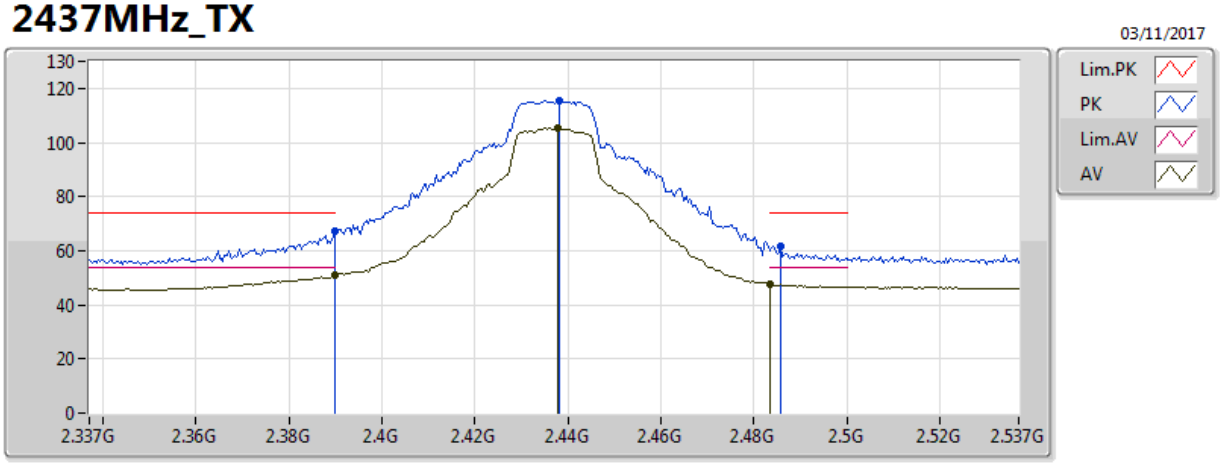
2412MHz_TX



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	32.27	54.00	-21.73	2.10	3	Horizontal	71	1.50	-	30.17	31.28	5.41	34.59
PK	4.824G	46.33	74.00	-27.67	2.10	3	Horizontal	71	1.50	-	44.23	31.28	5.41	34.59

802.11g_Nss1,(6Mbps)_2TX

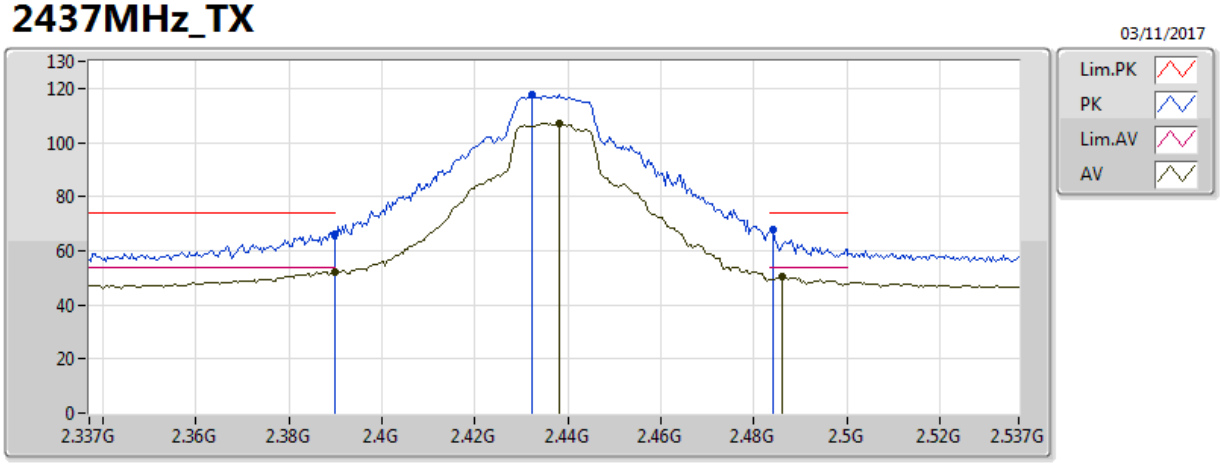
2437MHz_TX



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	51.08	54.00	-2.92	30.93	3	Vertical	60	2.99	-	20.15	27.31	3.62	-
AV	2.4378G	105.30	Inf	-Inf	31.11	3	Vertical	60	2.99	-	74.19	27.44	3.67	-
AV	2.483502G	47.68	54.00	-6.32	31.27	3	Vertical	60	2.99	-	16.41	27.56	3.71	-
PK	2.3898G	67.08	74.00	-6.92	30.93	3	Vertical	60	2.99	-	36.15	27.31	3.62	-
PK	2.4382G	115.58	Inf	-Inf	31.11	3	Vertical	60	2.99	-	84.47	27.44	3.67	-
PK	2.4858G	61.85	74.00	-12.15	31.28	3	Vertical	60	2.99	-	30.57	27.56	3.72	-

802.11g_Nss1,(6Mbps)_2TX

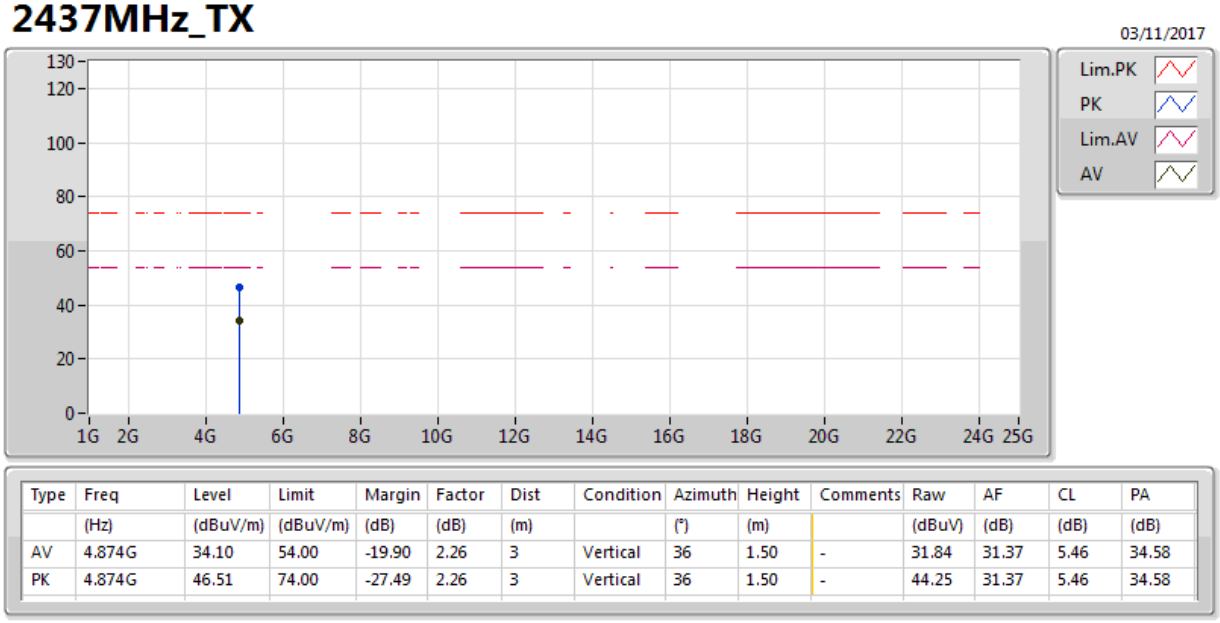
2437MHz_TX



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	52.22	54.00	-1.78	30.93	3	Horizontal	70	1.25	-	21.29	27.31	3.62	-
AV	2.4382G	107.05	Inf	-Inf	31.11	3	Horizontal	70	1.25	-	75.94	27.44	3.67	-
AV	2.4862G	50.71	54.00	-3.29	31.28	3	Horizontal	70	1.25	-	19.43	27.56	3.72	-
PK	2.3898G	65.95	74.00	-8.05	30.93	3	Horizontal	70	1.25	-	35.02	27.31	3.62	-
PK	2.4322G	117.45	Inf	-Inf	31.09	3	Horizontal	70	1.25	-	86.36	27.42	3.66	-
PK	2.4842G	68.02	74.00	-5.98	31.27	3	Horizontal	70	1.25	-	36.75	27.56	3.71	-

802.11g_Nss1,(6Mbps)_2TX

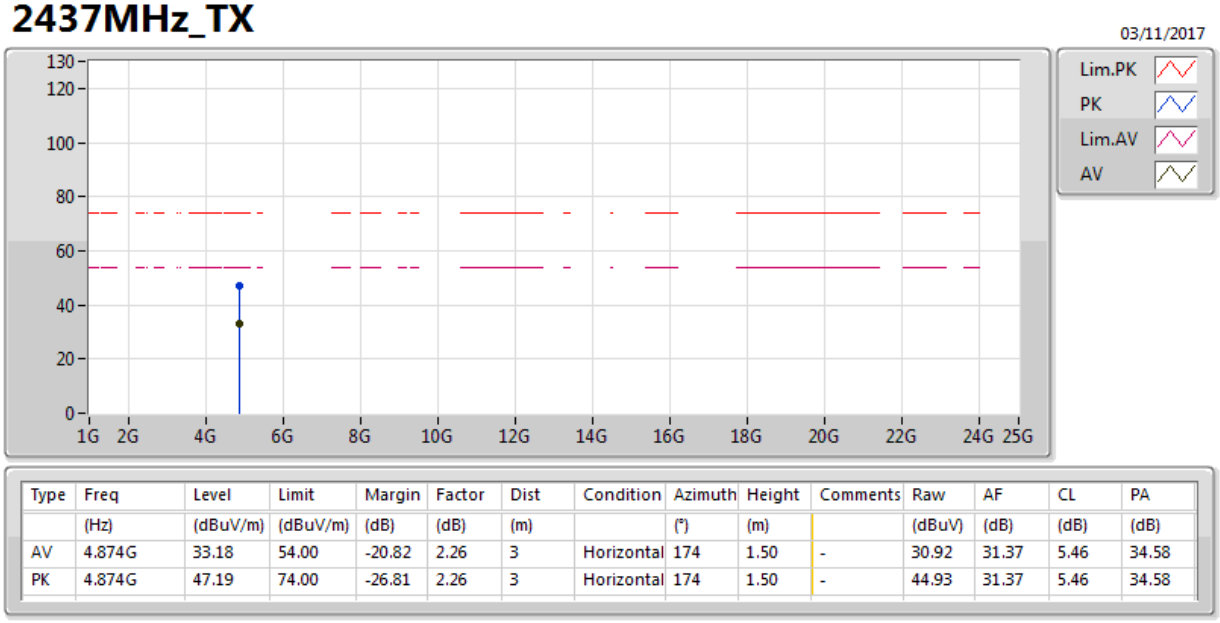
2437MHz_TX



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	34.10	54.00	-19.90	2.26	3	Vertical	36	1.50	-	31.84	31.37	5.46	34.58
PK	4.874G	46.51	74.00	-27.49	2.26	3	Vertical	36	1.50	-	44.25	31.37	5.46	34.58

802.11g_Nss1,(6Mbps)_2TX

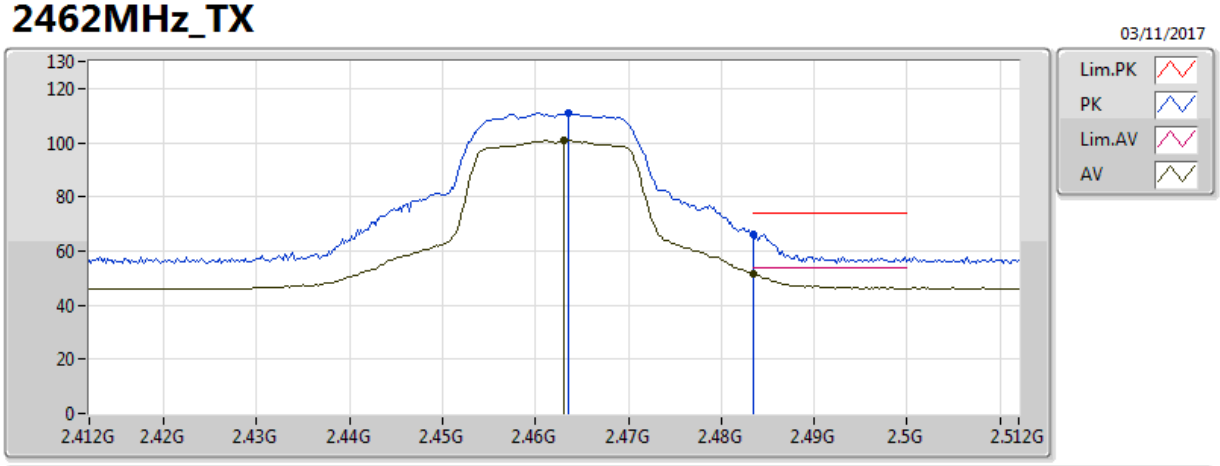
2437MHz_TX



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	33.18	54.00	-20.82	2.26	3	Horizontal	174	1.50	-	30.92	31.37	5.46	34.58
PK	4.874G	47.19	74.00	-26.81	2.26	3	Horizontal	174	1.50	-	44.93	31.37	5.46	34.58

802.11g_Nss1,(6Mbps)_2TX

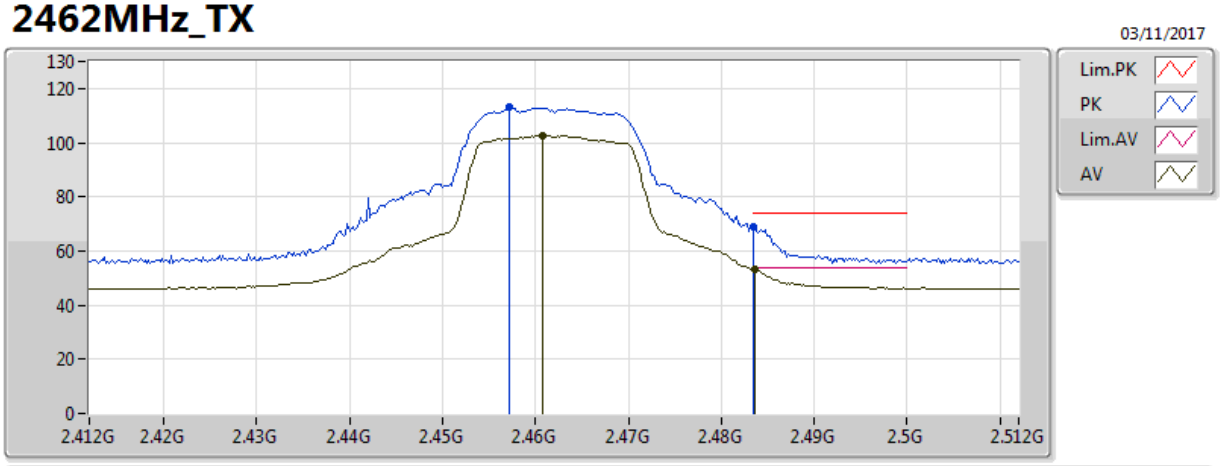
2462MHz_TX



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	2.463G	100.87	Inf	-Inf	31.20	3	Vertical	25	2.91	-	69.67	27.50	3.69	-
AV	2.483502G	51.82	54.00	-2.18	31.27	3	Vertical	25	2.91	-	20.55	27.56	3.71	-
PK	2.4636G	110.87	Inf	-Inf	31.20	3	Vertical	25	2.91	-	79.67	27.51	3.69	-
PK	2.483502G	66.11	74.00	-7.89	31.27	3	Vertical	25	2.91	-	34.84	27.56	3.71	-

802.11g_Nss1,(6Mbps)_2TX

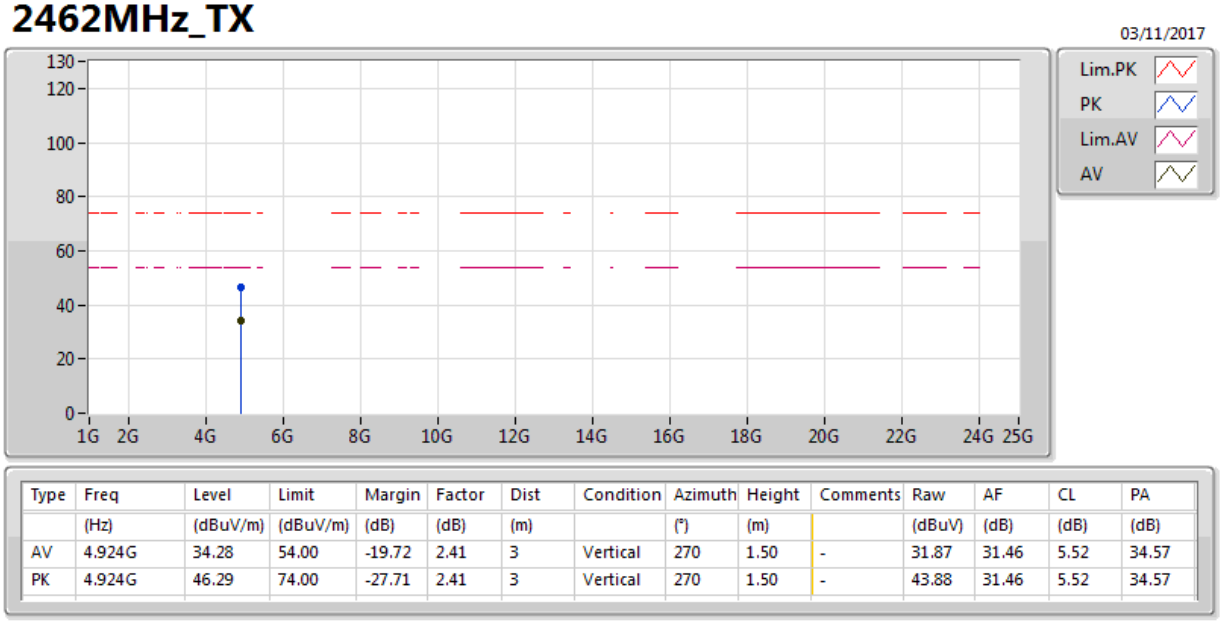
2462MHz_TX



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	2.4608G	102.78	Inf	-Inf	31.19	3	Horizontal	63	3.57	-	71.59	27.50	3.69	-
AV	2.4836G	53.05	54.00	-0.95	31.27	3	Horizontal	63	3.57	-	21.78	27.56	3.71	-
PK	2.4572G	113.07	Inf	-Inf	31.18	3	Horizontal	63	3.57	-	81.89	27.49	3.69	-
PK	2.483502G	68.81	74.00	-5.19	31.27	3	Horizontal	63	3.57	-	37.54	27.56	3.71	-

802.11g_Nss1,(6Mbps)_2TX

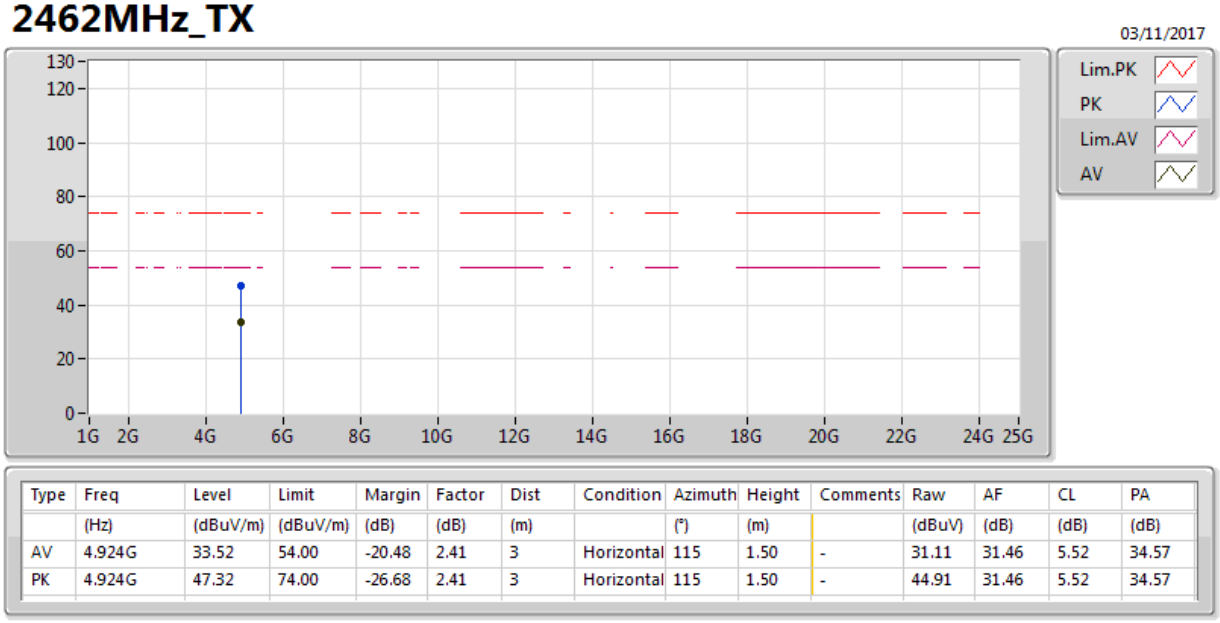
2462MHz_TX



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	34.28	54.00	-19.72	2.41	3	Vertical	270	1.50	-	31.87	31.46	5.52	34.57
PK	4.924G	46.29	74.00	-27.71	2.41	3	Vertical	270	1.50	-	43.88	31.46	5.52	34.57

802.11g_Nss1,(6Mbps)_2TX

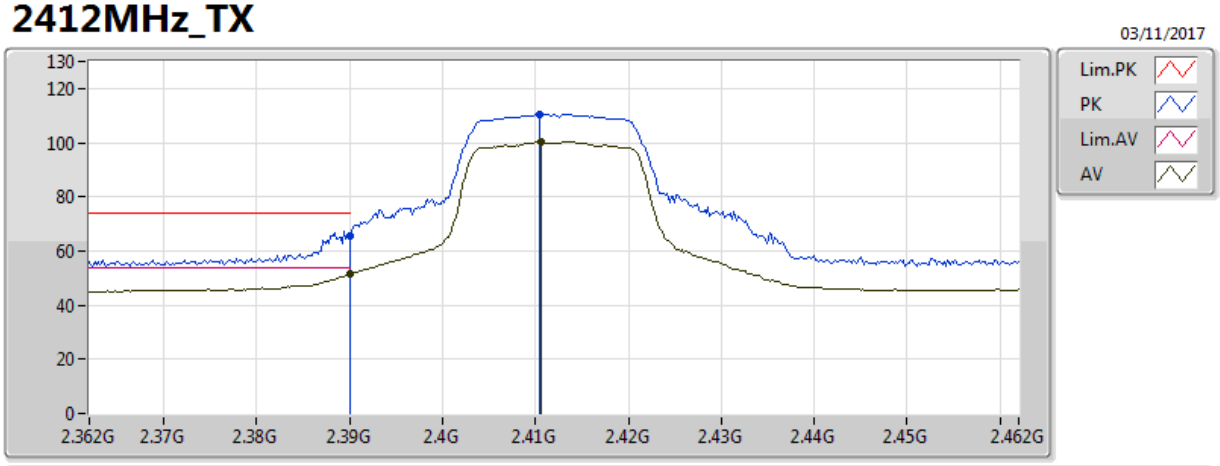
2462MHz_TX



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	33.52	54.00	-20.48	2.41	3	Horizontal	115	1.50	-	31.11	31.46	5.52	34.57
PK	4.924G	47.32	74.00	-26.68	2.41	3	Horizontal	115	1.50	-	44.91	31.46	5.52	34.57

802.11n HT20_Nss1,(MCS0)_2TX

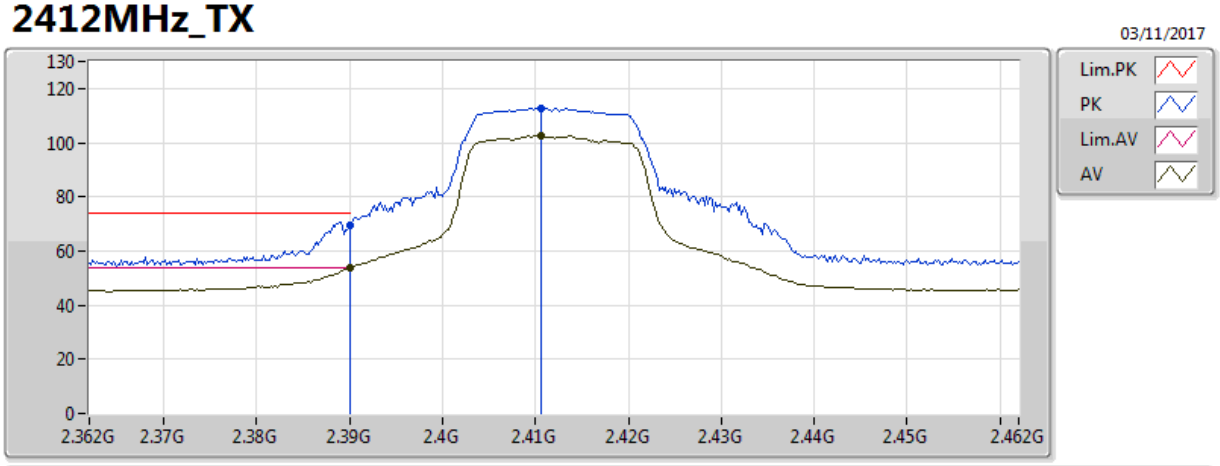
2412MHz_TX



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	2.389998G	51.47	54.00	-2.53	30.93	3	Vertical	35	2.46	-	20.54	27.31	3.62	-
AV	2.4106G	100.33	Inf	-Inf	31.01	3	Vertical	35	2.46	-	69.32	27.37	3.64	-
PK	2.389998G	65.47	74.00	-8.53	30.93	3	Vertical	35	2.46	-	34.54	27.31	3.62	-
PK	2.4104G	110.58	Inf	-Inf	31.01	3	Vertical	35	2.46	-	79.57	27.37	3.64	-

802.11n HT20_Nss1,(MCS0)_2TX

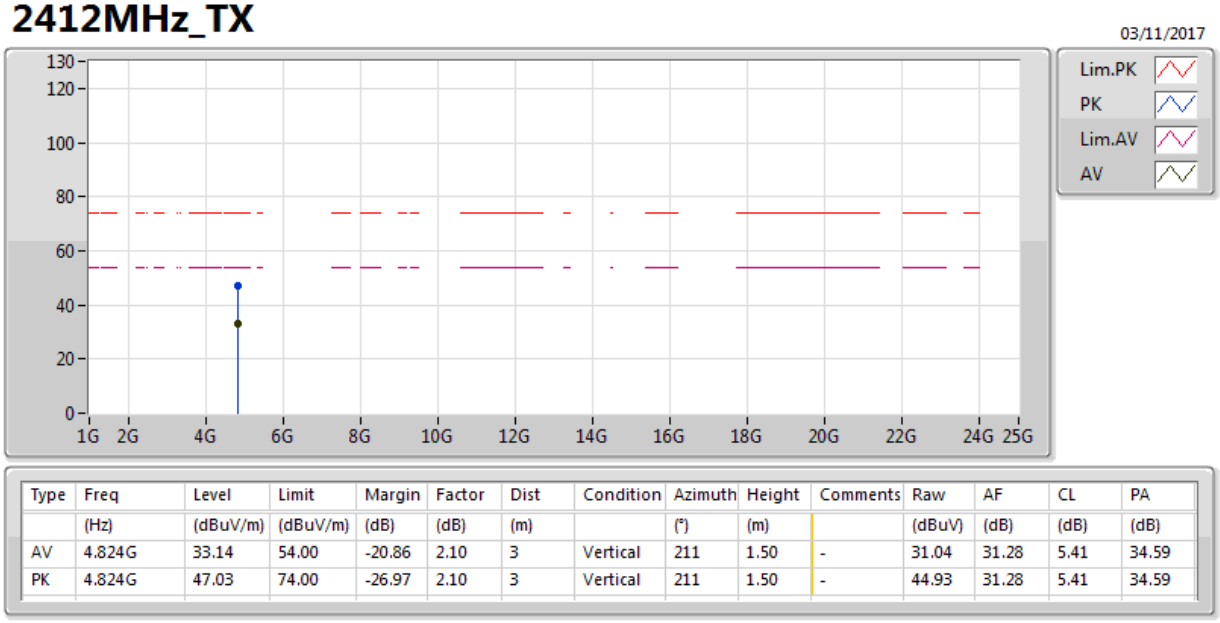
2412MHz_TX



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	2.389998G	53.59	54.00	-0.41	30.93	3	Horizontal	73	2.64	-	22.66	27.31	3.62	-
AV	2.4106G	102.78	Inf	-Inf	31.01	3	Horizontal	73	2.64	-	71.77	27.37	3.64	-
PK	2.389998G	69.59	74.00	-4.41	30.93	3	Horizontal	73	2.64	-	38.66	27.31	3.62	-
PK	2.4106G	112.68	Inf	-Inf	31.01	3	Horizontal	73	2.64	-	81.67	27.37	3.64	-

802.11n HT20_Nss1,(MCS0)_2TX

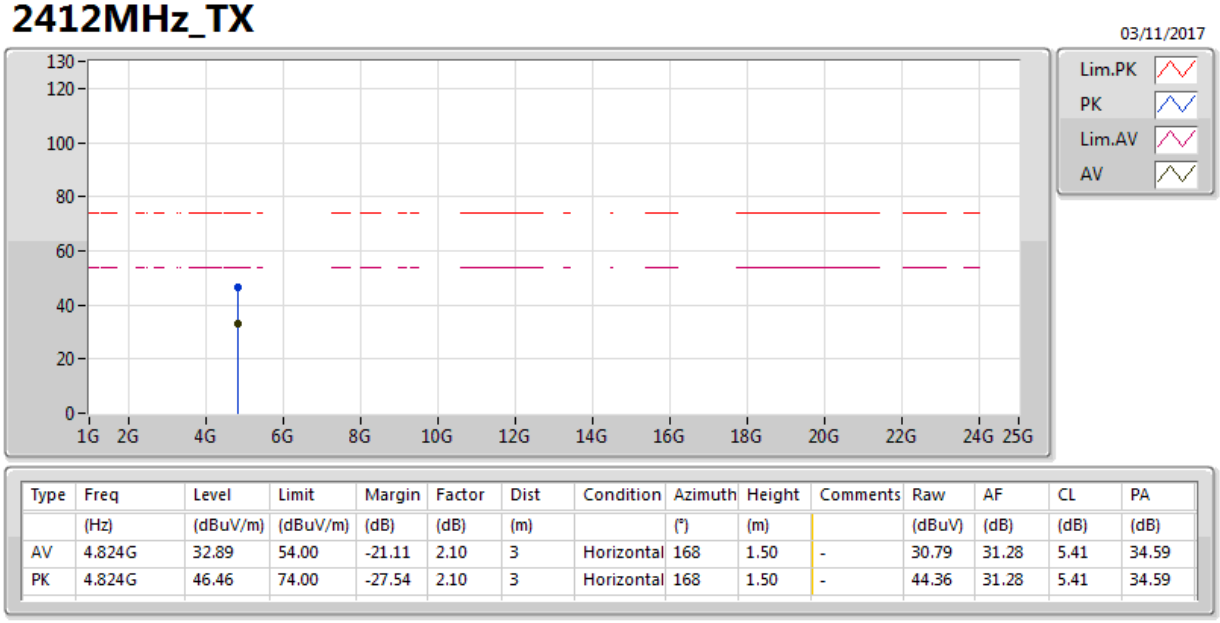
2412MHz_TX



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	33.14	54.00	-20.86	2.10	3	Vertical	211	1.50	-	31.04	31.28	5.41	34.59
PK	4.824G	47.03	74.00	-26.97	2.10	3	Vertical	211	1.50	-	44.93	31.28	5.41	34.59

802.11n HT20_Nss1,(MCS0)_2TX

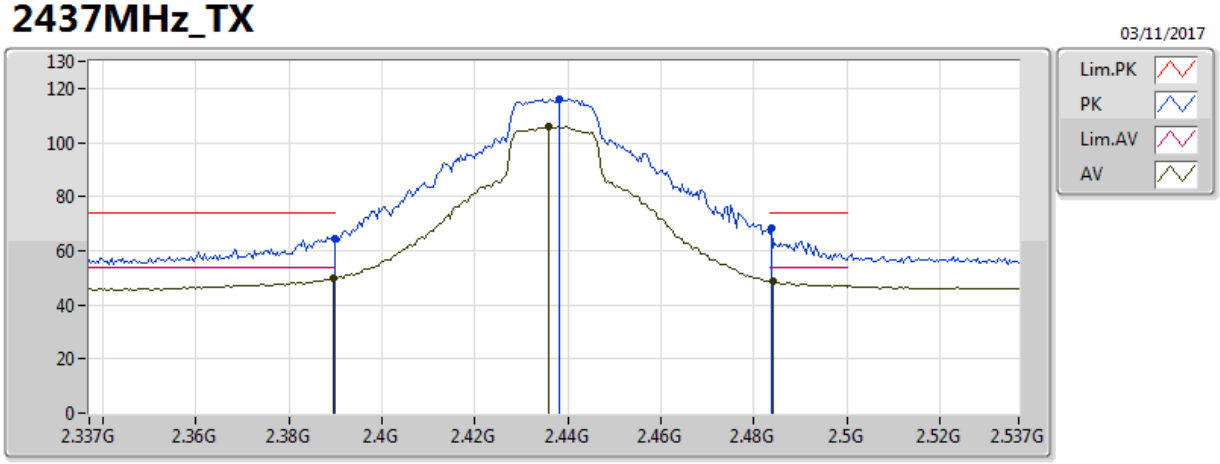
2412MHz_TX



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	32.89	54.00	-21.11	2.10	3	Horizontal	168	1.50	-	30.79	31.28	5.41	34.59
PK	4.824G	46.46	74.00	-27.54	2.10	3	Horizontal	168	1.50	-	44.36	31.28	5.41	34.59

802.11n HT20_Nss1,(MCS0)_2TX

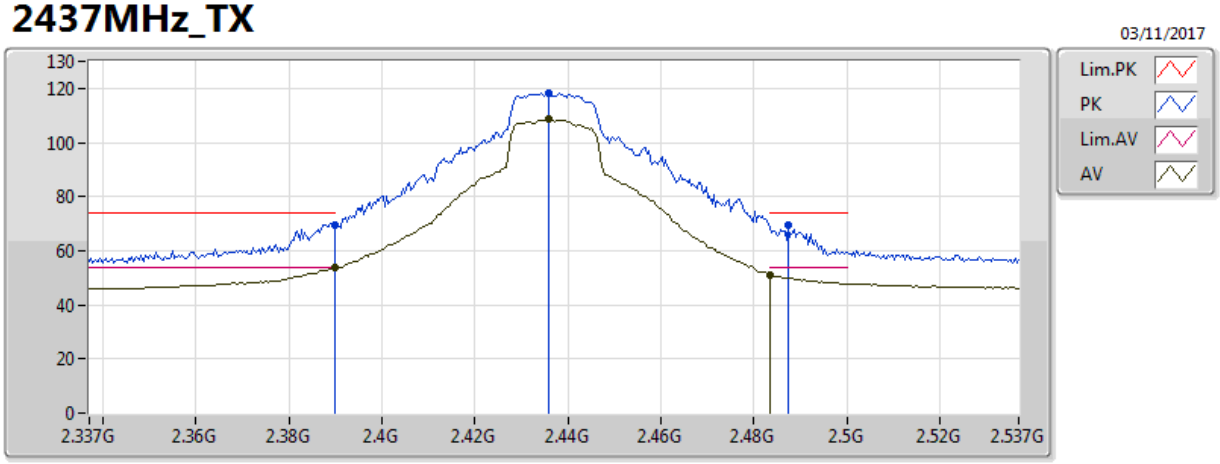
2437MHz_TX



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	2.3894G	49.82	54.00	-4.18	30.93	3	Vertical	66	3.25	-	18.89	27.31	3.62	-
AV	2.4358G	106.03	Inf	-Inf	31.10	3	Vertical	66	3.25	-	74.93	27.43	3.67	-
AV	2.4842G	48.78	54.00	-5.22	31.27	3	Vertical	66	3.25	-	17.51	27.56	3.71	-
PK	2.3898G	64.23	74.00	-9.77	30.93	3	Vertical	66	3.25	-	33.30	27.31	3.62	-
PK	2.4382G	116.08	Inf	-Inf	31.11	3	Vertical	66	3.25	-	84.98	27.44	3.67	-
PK	2.4838G	68.46	74.00	-5.54	31.27	3	Vertical	66	3.25	-	37.19	27.56	3.71	-

802.11n HT20_Nss1,(MCS0)_2TX

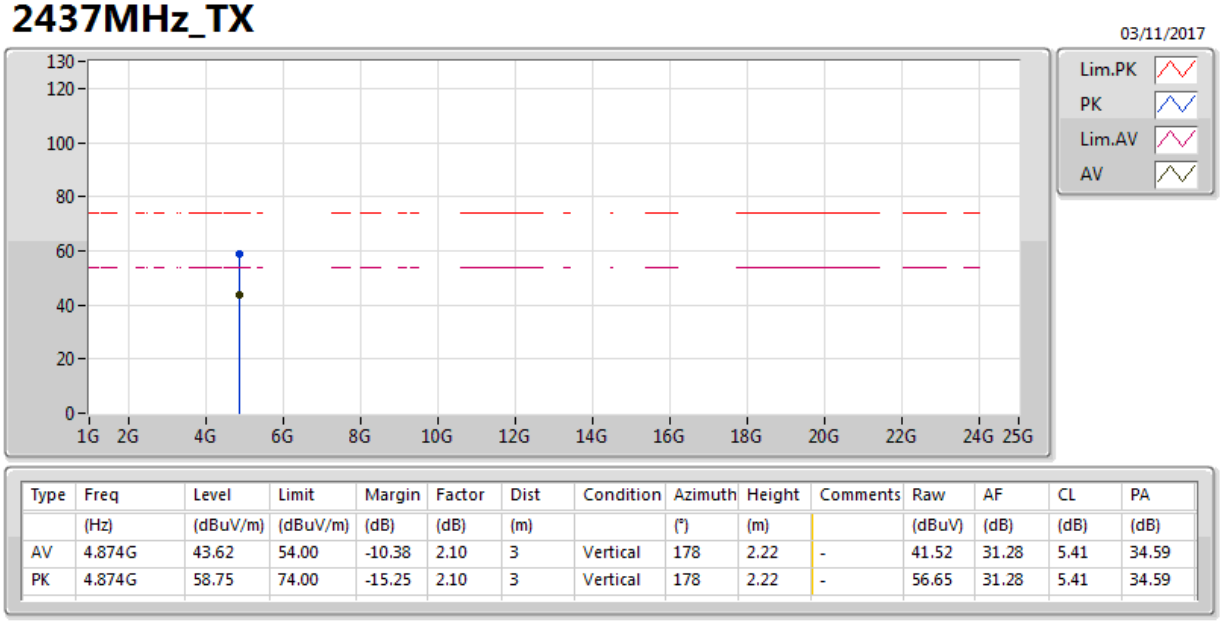
2437MHz_TX



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	2.3898G	53.73	54.00	-0.27	30.93	3	Horizontal	29	1.25	-	22.80	27.31	3.62	-
AV	2.4358G	108.54	Inf	-Inf	31.10	3	Horizontal	29	1.25	-	77.44	27.43	3.67	-
AV	2.483502G	51.26	54.00	-2.74	31.27	3	Horizontal	29	1.25	-	19.99	27.56	3.71	-
PK	2.3898G	69.45	74.00	-4.55	30.93	3	Horizontal	29	1.25	-	38.52	27.31	3.62	-
PK	2.4358G	118.45	Inf	-Inf	31.10	3	Horizontal	29	1.25	-	87.35	27.43	3.67	-
PK	2.4874G	69.39	74.00	-4.61	31.28	3	Horizontal	29	1.25	-	38.10	27.57	3.72	-

802.11n HT20_Nss1,(MCS0)_2TX

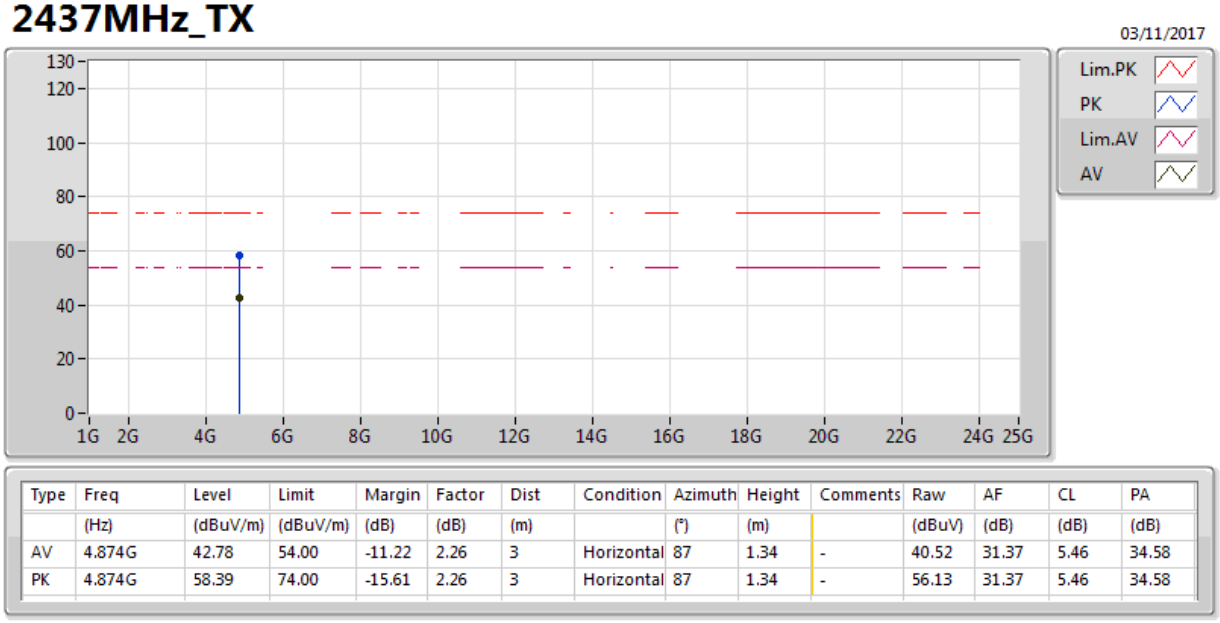
2437MHz_TX



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	43.62	54.00	-10.38	2.10	3	Vertical	178	2.22	-	41.52	31.28	5.41	34.59
PK	4.874G	58.75	74.00	-15.25	2.10	3	Vertical	178	2.22	-	56.65	31.28	5.41	34.59

802.11n HT20_Nss1,(MCS0)_2TX

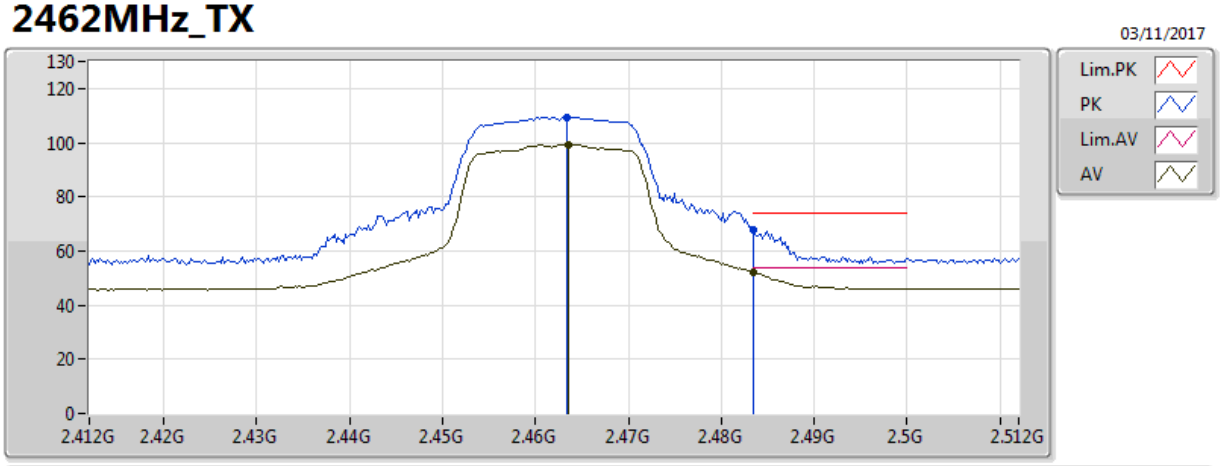
2437MHz_TX



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	42.78	54.00	-11.22	2.26	3	Horizontal	87	1.34	-	40.52	31.37	5.46	34.58
PK	4.874G	58.39	74.00	-15.61	2.26	3	Horizontal	87	1.34	-	56.13	31.37	5.46	34.58

802.11n HT20_Nss1,(MCS0)_2TX

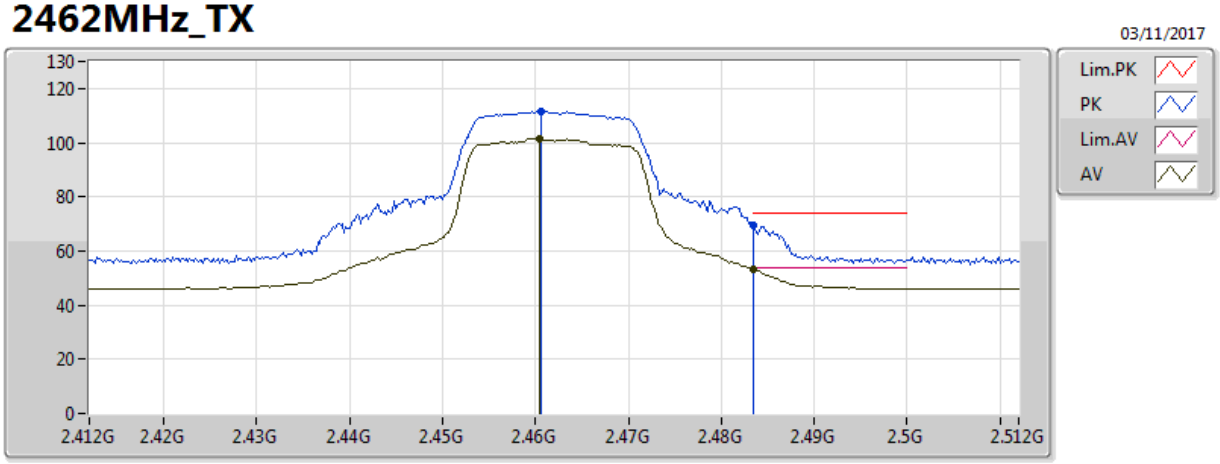
2462MHz_TX



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	2.4636G	99.26	Inf	-Inf	31.20	3	Vertical	24	2.92	-	68.06	27.51	3.69	-
AV	2.483502G	51.91	54.00	-2.09	31.27	3	Vertical	24	2.92	-	20.64	27.56	3.71	-
PK	2.4634G	109.42	Inf	-Inf	31.20	3	Vertical	24	2.92	-	78.23	27.50	3.69	-
PK	2.483502G	67.97	74.00	-6.03	31.27	3	Vertical	24	2.92	-	36.70	27.56	3.71	-

802.11n HT20_Nss1,(MCS0)_2TX

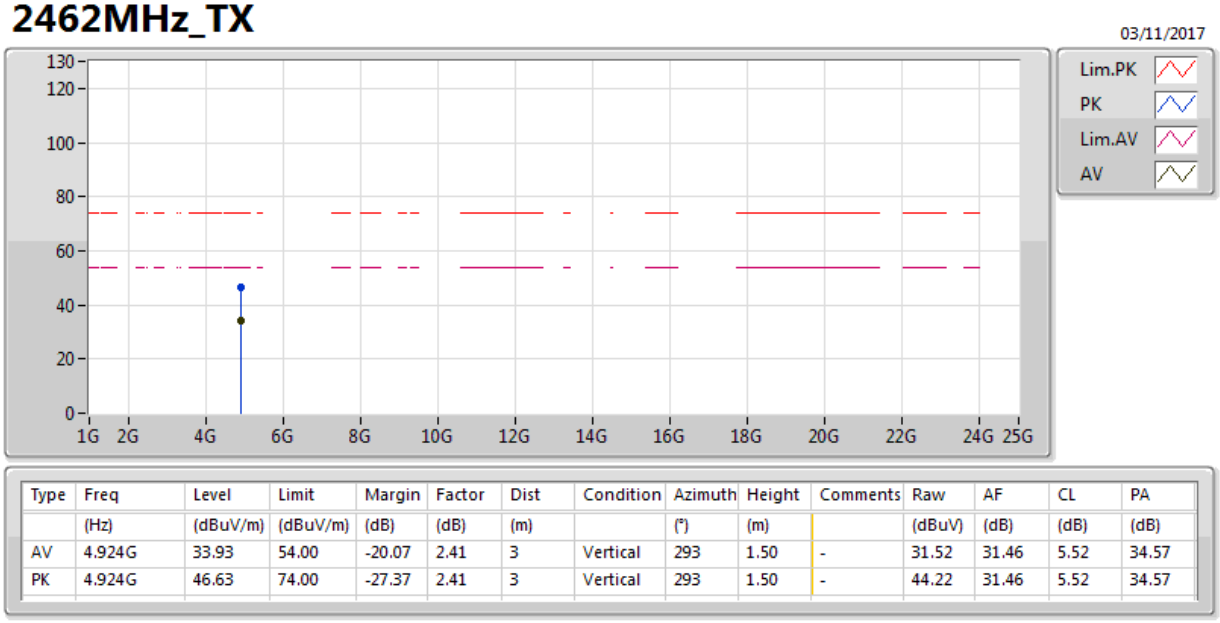
2462MHz_TX



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	2.4604G	101.36	Inf	-Inf	31.19	3	Horizontal	66	3.58	-	70.17	27.50	3.69	-
AV	2.483502G	53.34	54.00	-0.66	31.27	3	Horizontal	66	3.58	-	22.07	27.56	3.71	-
PK	2.4606G	111.50	Inf	-Inf	31.19	3	Horizontal	66	3.58	-	80.31	27.50	3.69	-
PK	2.483502G	69.29	74.00	-4.71	31.27	3	Horizontal	66	3.58	-	38.02	27.56	3.71	-

802.11n HT20_Nss1,(MCS0)_2TX

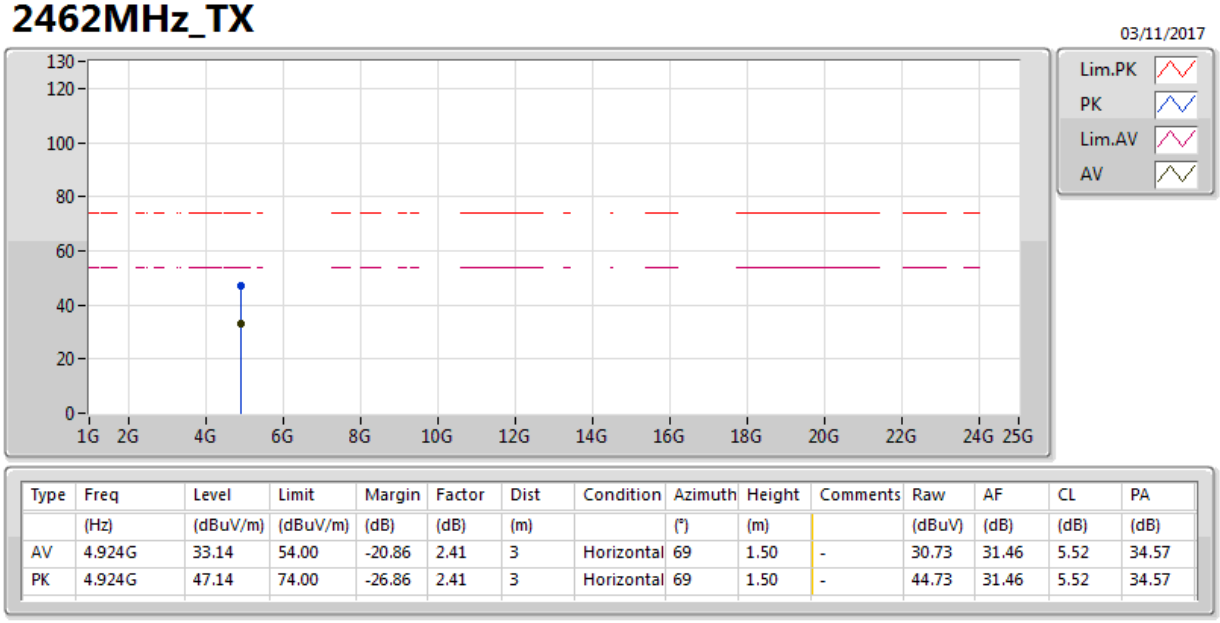
2462MHz_TX



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	33.93	54.00	-20.07	2.41	3	Vertical	293	1.50	-	31.52	31.46	5.52	34.57
PK	4.924G	46.63	74.00	-27.37	2.41	3	Vertical	293	1.50	-	44.22	31.46	5.52	34.57

802.11n HT20_Nss1,(MCS0)_2TX

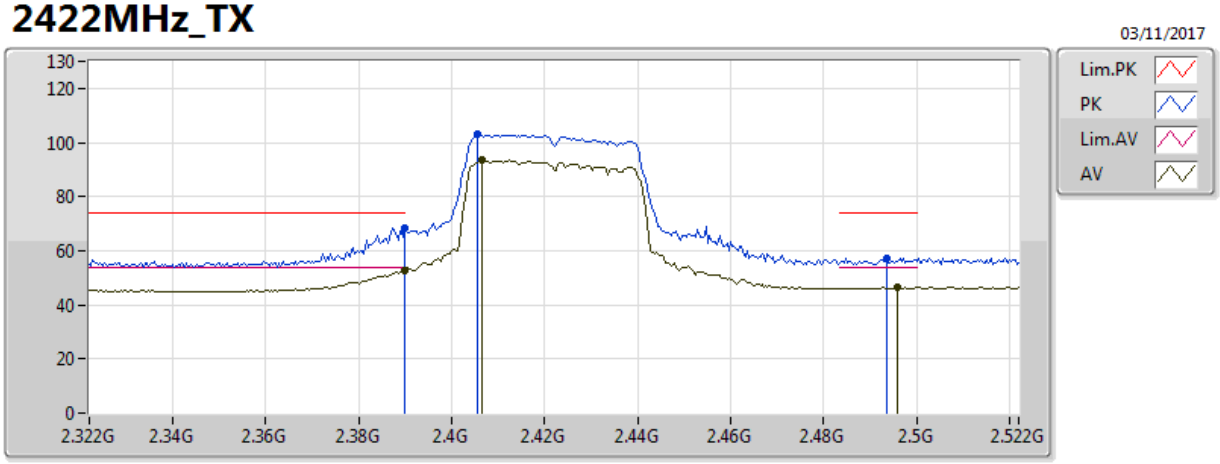
2462MHz_TX



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	33.14	54.00	-20.86	2.41	3	Horizontal	69	1.50	-	30.73	31.46	5.52	34.57
PK	4.924G	47.14	74.00	-26.86	2.41	3	Horizontal	69	1.50	-	44.73	31.46	5.52	34.57

802.11n HT40_Nss1,(MCS0)_2TX

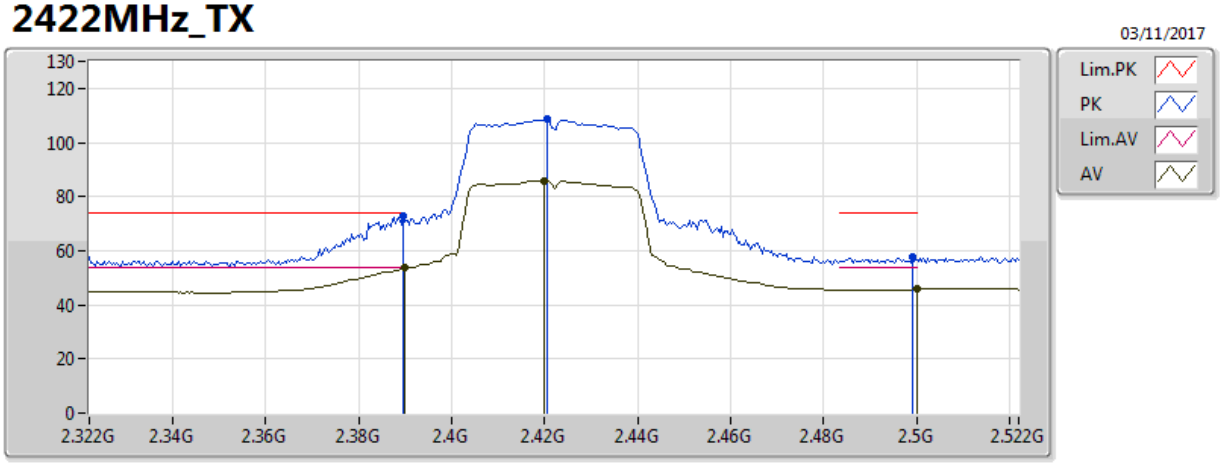
2422MHz_TX



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	2.389998G	52.78	54.00	-1.22	30.93	3	Vertical	14	2.47	-	21.85	27.31	3.62	-
AV	2.4064G	93.42	Inf	-Inf	30.99	3	Vertical	14	2.47	-	62.42	27.36	3.64	-
AV	2.496G	46.35	54.00	-7.65	31.32	3	Vertical	14	2.47	-	15.03	27.59	3.73	-
PK	2.389998G	68.46	74.00	-5.54	30.93	3	Vertical	14	2.47	-	37.53	27.31	3.62	-
PK	2.4056G	102.96	Inf	-Inf	30.99	3	Vertical	14	2.47	-	71.97	27.35	3.64	-
PK	2.4936G	57.33	74.00	-16.67	31.31	3	Vertical	14	2.47	-	26.02	27.58	3.72	-

802.11n HT40_Nss1,(MCS0)_2TX

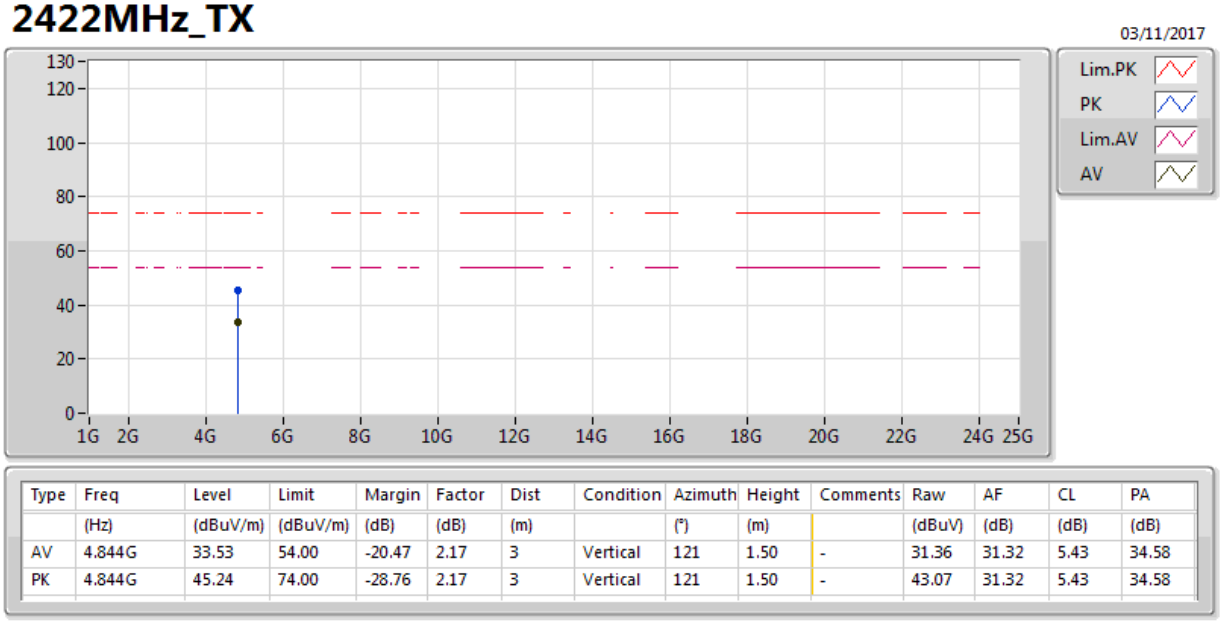
2422MHz_TX



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	2.389998G	53.68	54.00	-0.32	30.93	3	Horizontal	71	1.66	-	22.75	27.31	3.62	-
AV	2.42G	85.94	Inf	-Inf	31.04	3	Horizontal	71	1.66	-	54.90	27.39	3.65	-
AV	2.5G	45.73	54.00	-8.27	31.33	3	Horizontal	71	1.66	-	14.40	27.60	3.73	-
PK	2.3896G	72.70	74.00	-1.30	30.93	3	Horizontal	71	1.66	-	41.77	27.31	3.62	-
PK	2.4204G	108.44	Inf	-Inf	31.04	3	Horizontal	71	1.66	-	77.40	27.39	3.65	-
PK	2.4992G	57.49	74.00	-16.51	31.33	3	Horizontal	71	1.66	-	26.16	27.60	3.73	-

802.11n HT40_Nss1,(MCS0)_2TX

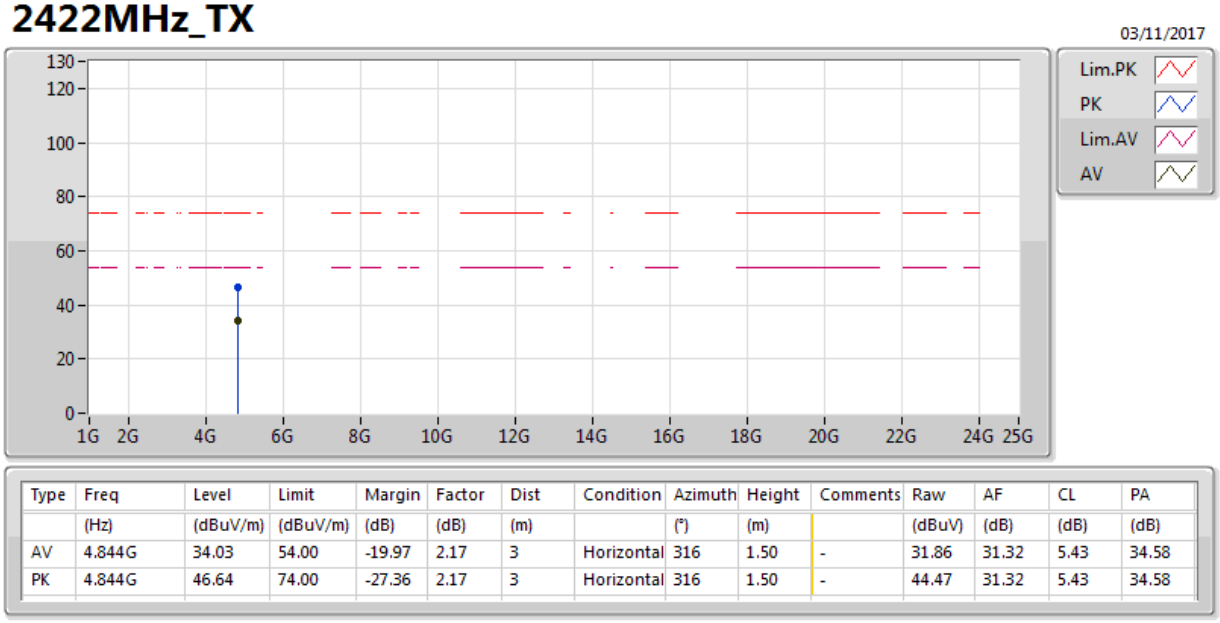
2422MHz_TX



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	33.53	54.00	-20.47	2.17	3	Vertical	121	1.50	-	31.36	31.32	5.43	34.58
PK	4.844G	45.24	74.00	-28.76	2.17	3	Vertical	121	1.50	-	43.07	31.32	5.43	34.58

802.11n HT40_Nss1,(MCS0)_2TX

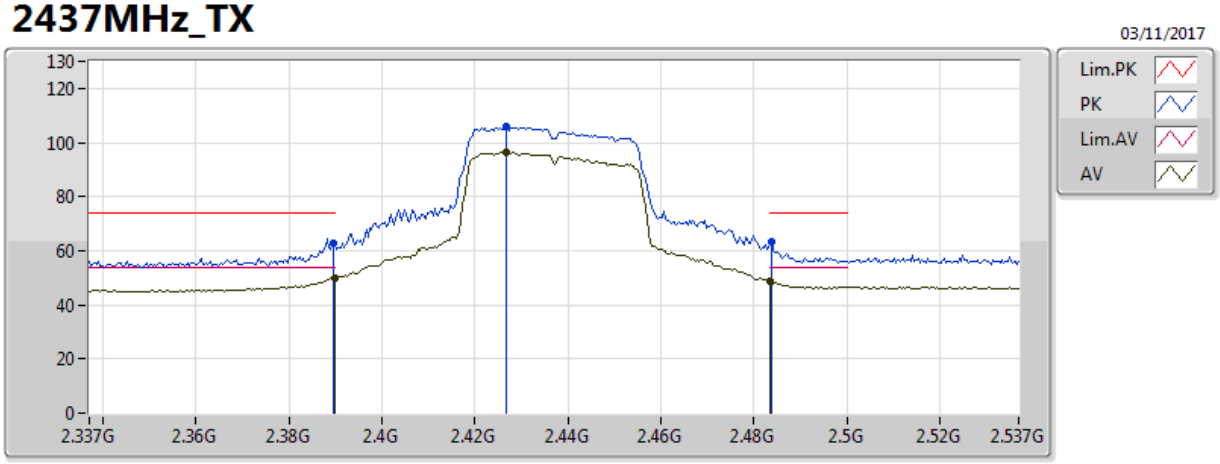
2422MHz_TX



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	34.03	54.00	-19.97	2.17	3	Horizontal	316	1.50	-	31.86	31.32	5.43	34.58
PK	4.844G	46.64	74.00	-27.36	2.17	3	Horizontal	316	1.50	-	44.47	31.32	5.43	34.58

802.11n HT40_Nss1,(MCS0)_2TX

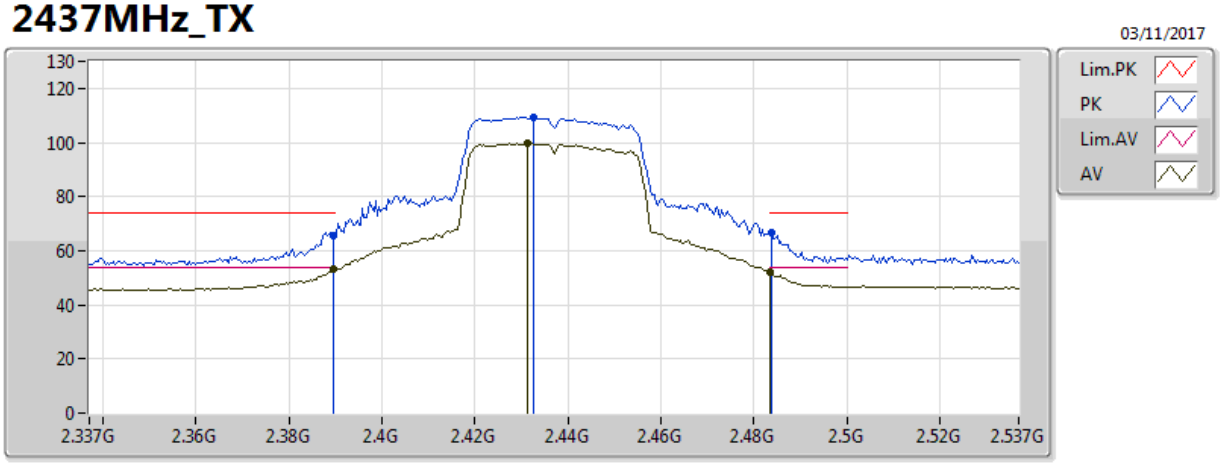
2437MHz_TX



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	2.389998G	50.13	54.00	-3.87	30.93	3	Vertical	63	3.32	-	19.20	27.31	3.62	-
AV	2.4266G	96.21	Inf	-Inf	31.07	3	Vertical	63	3.32	-	65.14	27.41	3.66	-
AV	2.483502G	48.66	54.00	-5.34	31.27	3	Vertical	63	3.32	-	17.39	27.56	3.71	-
PK	2.3894G	62.72	74.00	-11.28	30.93	3	Vertical	63	3.32	-	31.79	27.31	3.62	-
PK	2.4266G	105.78	Inf	-Inf	31.07	3	Vertical	63	3.32	-	74.71	27.41	3.66	-
PK	2.4838G	63.20	74.00	-10.80	31.27	3	Vertical	63	3.32	-	31.93	27.56	3.71	-

802.11n HT40_Nss1,(MCS0)_2TX

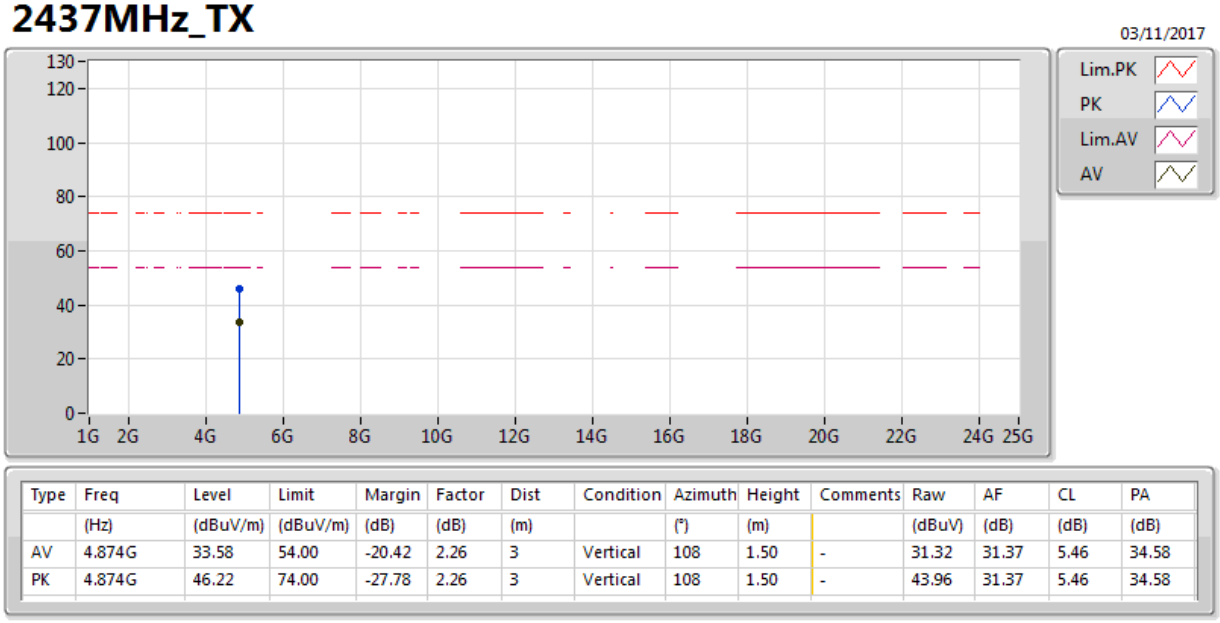
2437MHz_TX



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	53.24	54.00	-0.76	30.93	3	Horizontal	80	1.45	-	22.31	27.31	3.62	-
AV	2.4314G	99.89	Inf	-Inf	31.08	3	Horizontal	80	1.45	-	68.81	27.42	3.66	-
AV	2.483502G	52.11	54.00	-1.89	31.27	3	Horizontal	80	1.45	-	20.84	27.56	3.71	-
PK	2.3894G	65.78	74.00	-8.22	30.93	3	Horizontal	80	1.45	-	34.85	27.31	3.62	-
PK	2.4326G	109.31	Inf	-Inf	31.09	3	Horizontal	80	1.45	-	78.22	27.42	3.66	-
PK	2.4838G	66.61	74.00	-7.39	31.27	3	Horizontal	80	1.45	-	35.34	27.56	3.71	-

802.11n HT40_Nss1,(MCS0)_2TX

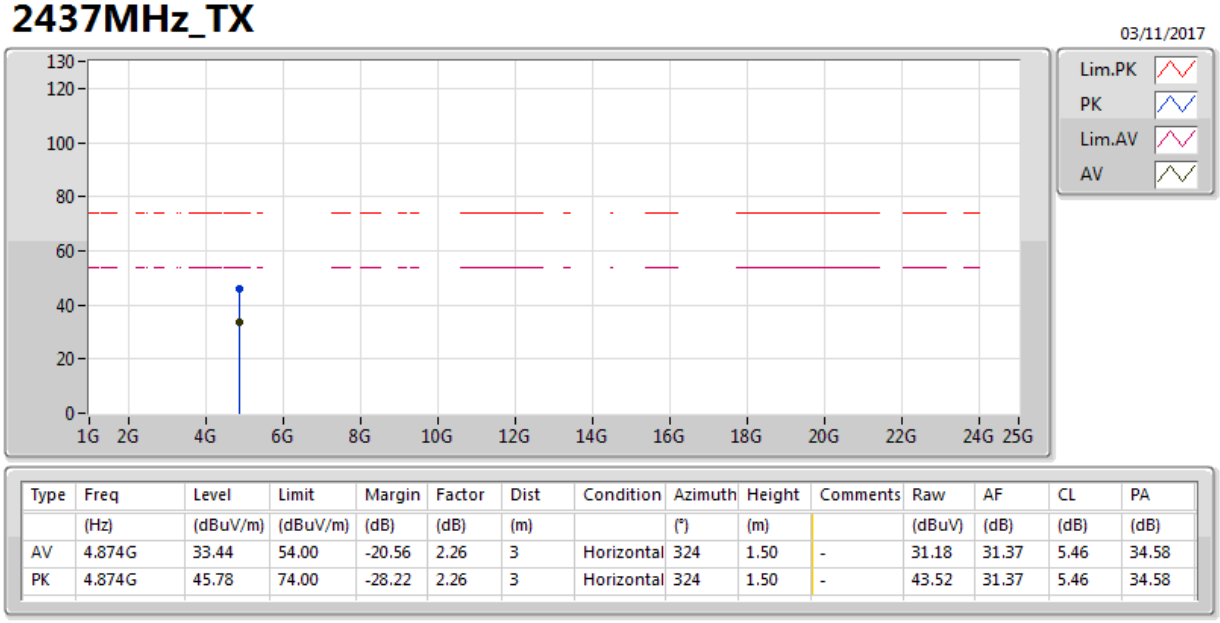
2437MHz_TX



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	33.58	54.00	-20.42	2.26	3	Vertical	108	1.50	-	31.32	31.37	5.46	34.58
PK	4.874G	46.22	74.00	-27.78	2.26	3	Vertical	108	1.50	-	43.96	31.37	5.46	34.58

802.11n HT40_Nss1,(MCS0)_2TX

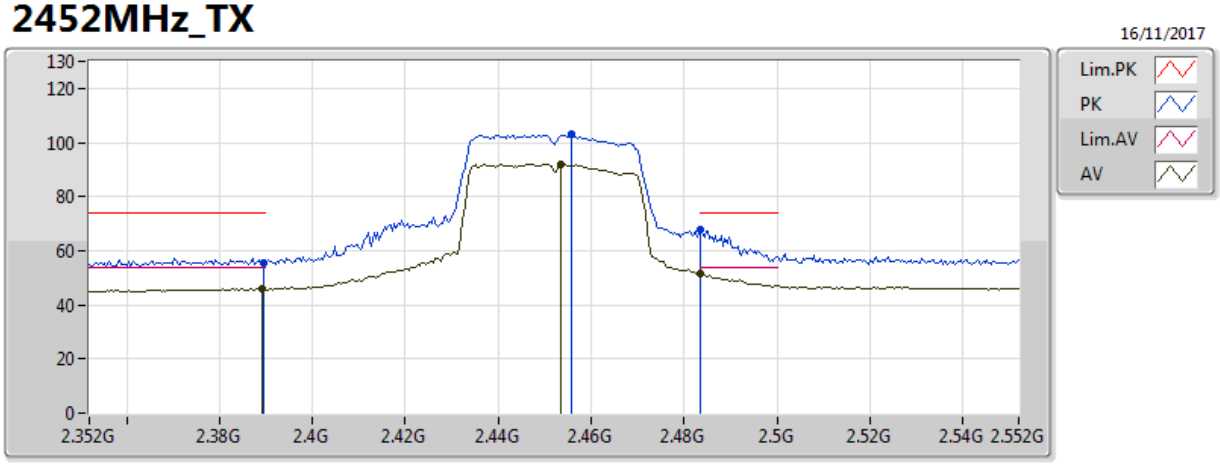
2437MHz_TX



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	33.44	54.00	-20.56	2.26	3	Horizontal	324	1.50	-	31.18	31.37	5.46	34.58
PK	4.874G	45.78	74.00	-28.22	2.26	3	Horizontal	324	1.50	-	43.52	31.37	5.46	34.58

802.11n HT40_Nss1,(MCS0)_2TX

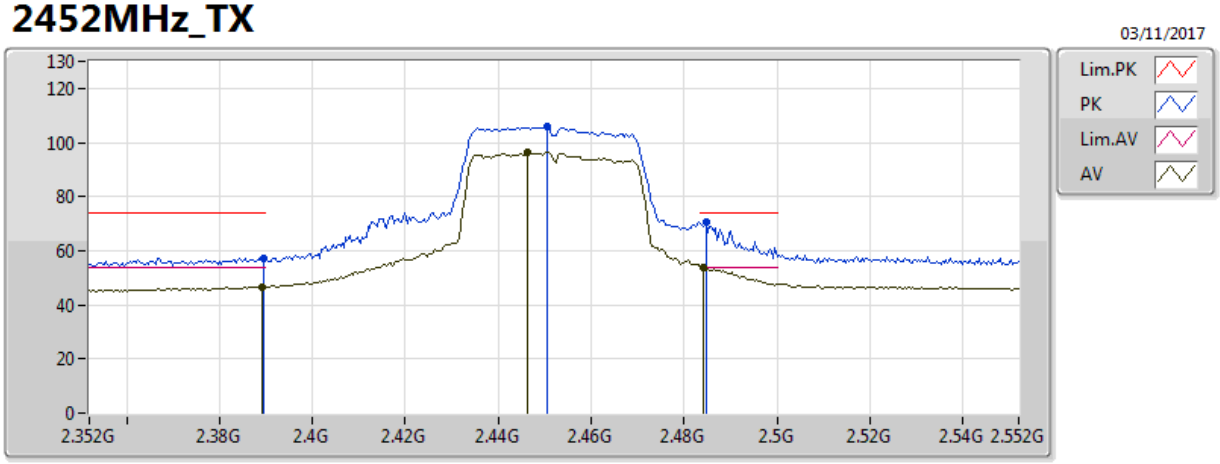
2452MHz_TX



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	2.3892G	46.04	54.00	-7.96	30.93	3	Vertical	61	3.25	-	15.11	27.31	3.62	-
AV	2.4536G	92.11	Inf	-Inf	31.16	3	Vertical	61	3.25	-	60.94	27.48	3.68	-
AV	2.4836G	51.44	54.00	-2.56	31.27	3	Vertical	61	3.25	-	20.17	27.56	3.71	-
PK	2.3896G	55.45	74.00	-18.55	30.93	3	Vertical	61	3.25	-	24.52	27.31	3.62	-
PK	2.4556G	103.19	Inf	-Inf	31.17	3	Vertical	61	3.25	-	72.02	27.48	3.69	-
PK	2.4836G	67.57	74.00	-6.43	31.27	3	Vertical	61	3.25	-	36.30	27.56	3.71	-

802.11n HT40_Nss1,(MCS0)_2TX

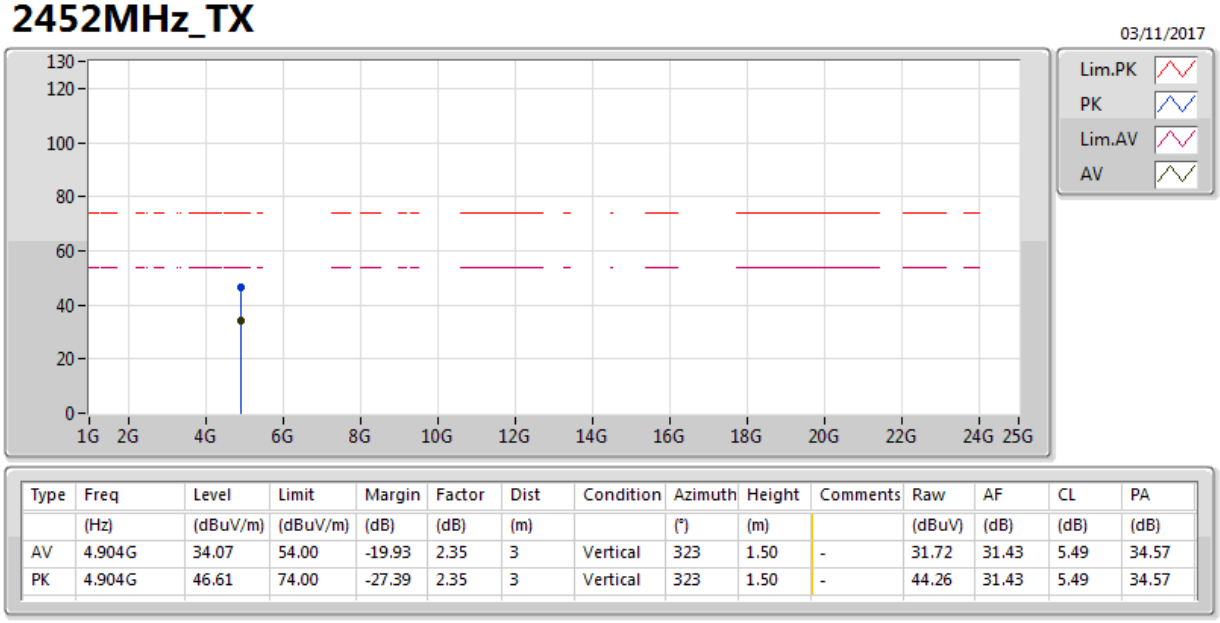
2452MHz_TX



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	2.3892G	46.72	54.00	-7.28	30.93	3	Horizontal	81	2.34	-	15.79	27.31	3.62	-
AV	2.4464G	96.12	Inf	-Inf	31.14	3	Horizontal	81	2.34	-	64.99	27.46	3.68	-
AV	2.484G	53.89	54.00	-0.11	31.27	3	Horizontal	81	2.34	-	22.62	27.56	3.71	-
PK	2.3896G	56.92	74.00	-17.08	30.93	3	Horizontal	81	2.34	-	25.99	27.31	3.62	-
PK	2.4504G	105.76	Inf	-Inf	31.15	3	Horizontal	81	2.34	-	74.61	27.47	3.68	-
PK	2.4848G	70.66	74.00	-3.34	31.28	3	Horizontal	81	2.34	-	39.39	27.56	3.71	-

802.11n HT40_Nss1,(MCS0)_2TX

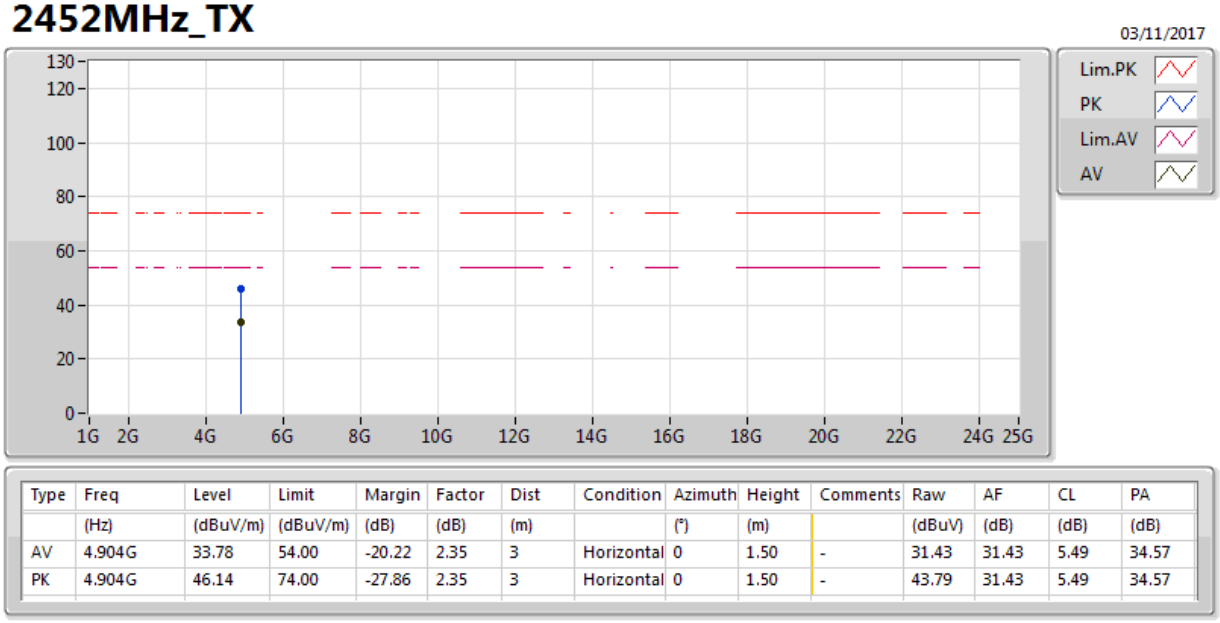
2452MHz_TX



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	34.07	54.00	-19.93	2.35	3	Vertical	323	1.50	-	31.72	31.43	5.49	34.57
PK	4.904G	46.61	74.00	-27.39	2.35	3	Vertical	323	1.50	-	44.26	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	33.78	54.00	-20.22	2.35	3	Horizontal	0	1.50	-	31.43	31.43	5.49	34.57
PK	4.904G	46.14	74.00	-27.86	2.35	3	Horizontal	0	1.50	-	43.79	31.43	5.49	34.57