FCC Test Report

Equipment	:	**NanoStation AC**
Brand Name	:	**UBIQUITI**
Model No.	:	**NS-5AC**
FCC ID	:	**SWX-NS5AC**
Standard	:	**47 CFR FCC Part 15.247**
Operating Band	:	**2400 MHz – 2483.5 MHz**
Function	:	**☒ Point-to-multipoint; ☒ Point-to-point**
Applicant / Manufacturer	:	**Ubiquiti Networks, Inc. 685 Third Avenue, 27th Floor New York, New York 10017 USA**

The product sample received on Aug. 29, 2017 and completely tested on Oct. 20, 2017. We, SPORTON, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Phoenix Chen / Assistant Manager

Testing Laboratory
1190

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Summary of Test Result

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

Revision History

Report No.	Version	Description	Issued Date
FR783009AC	Rev. 01	Initial issue of report	Oct. 27, 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	1TX
2.4-2.4835GHz	802.11g	20	1TX
2.4-2.4835GHz	802.11n HT20	20	1TX
2.4-2.4835GHz	802.11n HT40	40	1TX

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

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	-	-	internal antenna	Murata	2

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From PoE Adapter			
Beamforming Function	☐	With beamforming	☒	Without beamforming

Type of EUT		
☒	Stand-alone	
☐	Combined (EUT where the radio part is fully integrated within another device)	
	Combined Equipment - Brand Name / Model No.:	…
☐	Plug-in radio (EUT intended for a variety of host systems)	
	Host System - Brand Name / Model No.:	…
☐	Other:	

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.991	0.039	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11n HT20	0.99	0.044	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11n HT40	0.996	0.017	n/a (DC>=0.98)	n/a (DC>=0.98)

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-HY	Tim	22.5°C / 65%	17/Oct/2017
Radiated	03CH03-HY	Andy	24°C / 57%	20/Oct/2017
AC Conduction	CO04-HY	Eric	23.6°C / 59%	13/Oct/2017

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	2.1 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	2.6 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	2.9 dB	Confidence levels of 95%
Conducted Emission	1.3 dB	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Condition

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

2.2 Test Channel Mode

Test Software	Putty

2.3 The Worst Case Measurement Configuration

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

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

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

2.4 Accessories

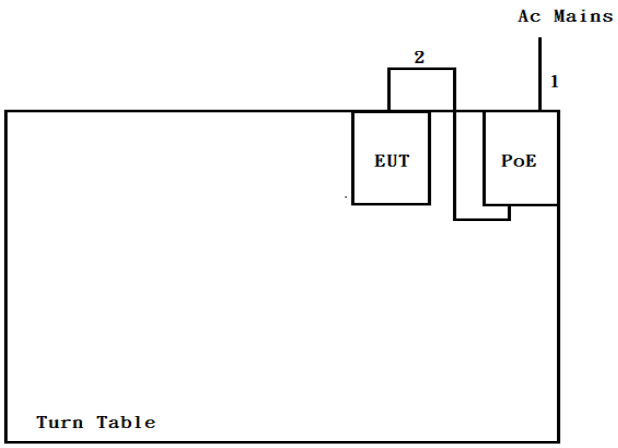
Accessories				
PoE Adapter	Brand Name	UBIQUITI	Model Name	GP-A240-050G
	Power Rating	I/P: 100 - 240Vac, 0.3 A, O/P: 24 Vdc, 0.5 A		

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	-

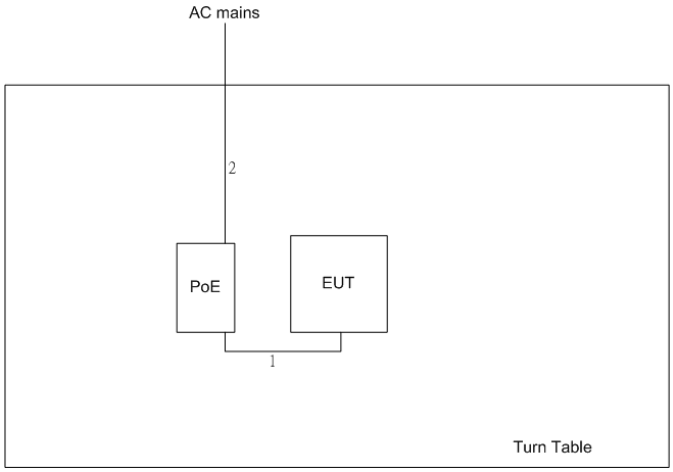
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC power line	No	1.7m	-
2	RJ-45 cable	No	1m	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	RJ-45 cable	No	1m	-
2	AC Power line	No	1.8m	-

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

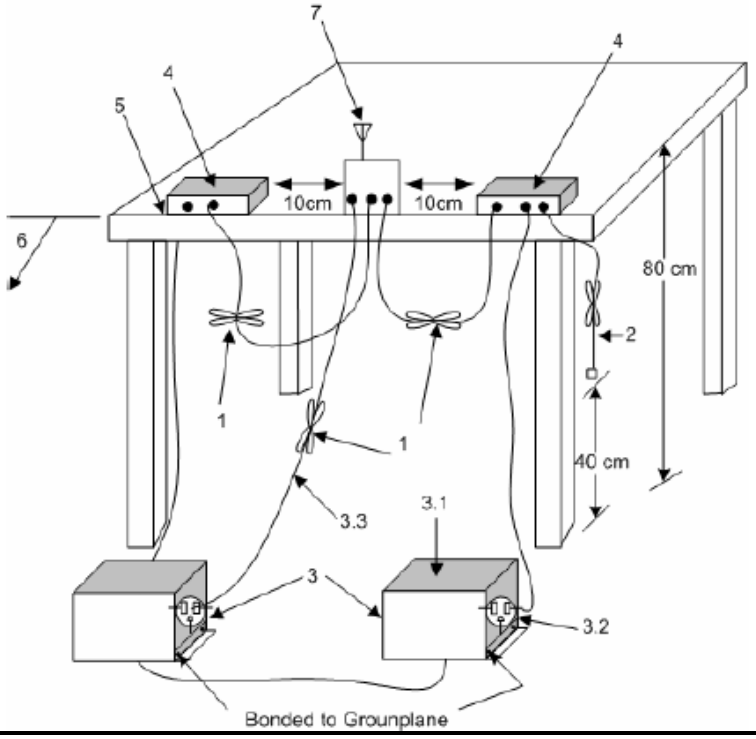
Refer a test equipment and calibration data table in this test report.

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.

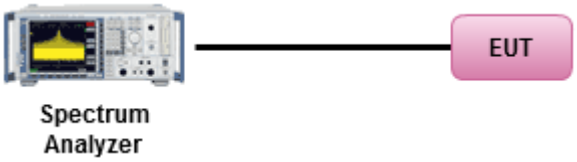
3.2.2 Measuring Instruments

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

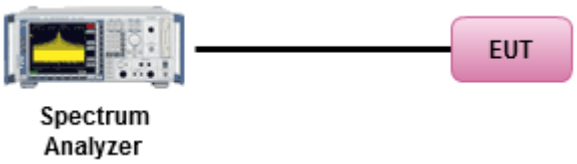
3.4.2 Measuring Instruments

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.	

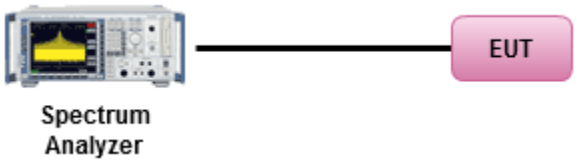
3.5.2 Measuring Instruments

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.

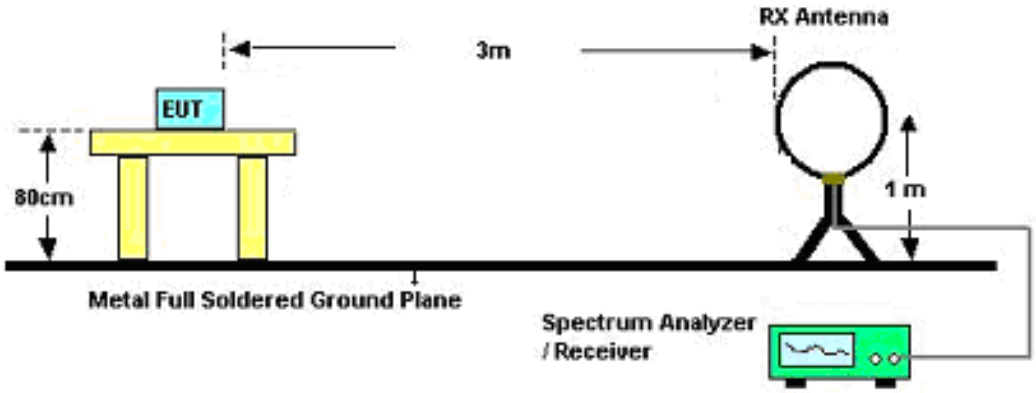
3.6.3 Test Procedures

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.

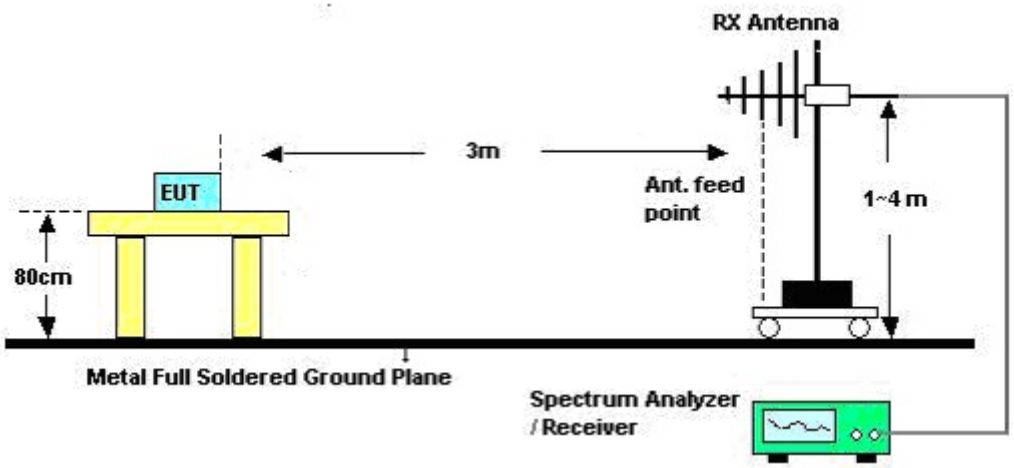
3.6.4 Test Setup

Emissions in Restricted Frequency Bands

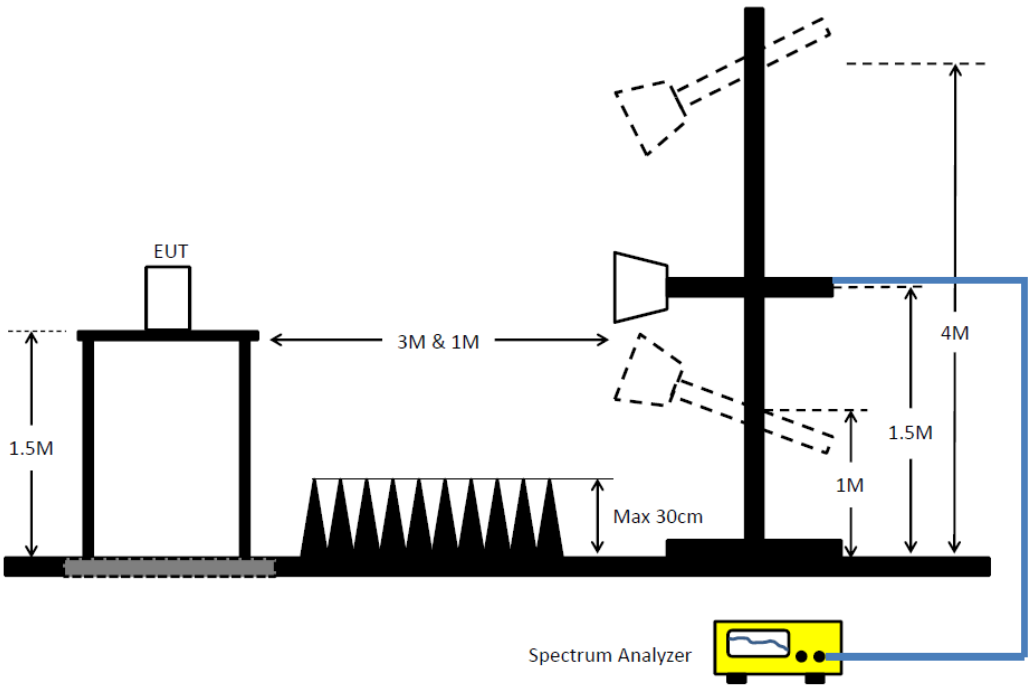
9kHz ~30MHz



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/2017	14/Nov/2018
RF Cable-CON	HUBER+SUHNER	RG213/U	07611832020001	9kHz ~ 30MHz	24/Oct/2016	23/Oct/2017
AC POWER	APC	AFC-11005G	F310050055	47Hz~63Hz 5~300V	NCR	NCR
Impuls Begrenzer Puls e Limiter	R&S	ESH3-Z2	100921	10 kHz ~ 30 MHz	21/Oct/2016	20/Oct/2017

NCR : Non-Calibration Require

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH01-HY	30 MHz ~ 1 GHz	15/Mar/2017	14/Mar/2018
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH01-HY	1GHz ~18 GHz	15/Mar/2017	15/Mar/2018
Amplifier	COM-POWER	PA-103	161050	1 MHz ~ 1 GHz	19/Jul/2017	18/Jul/2018
Amplifier	Agilent	8449B	3008A02326	1GHz ~ 26.5GHz	30/Mar/2017	29/Jan2018
Spectrum	R&S	FSV40	100593	9kHz ~ 40GHz	26/Oct/2016	25/Oct/2017
Bilog Antenna with 5dB Attenuator	SCHAFFNER& MTJ	CBL6112D & MTJ6102-05	2678&001	30 MHz ~ 2 GHz	29/Jan2017	28/Jan2018
Horn Antenna	SCHWARZBECK	BBHA 9120	BBHA 9120D 1531	1GHz ~ 18GHz	25/Apr/2017	24/Apr/2018
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170339	18GHz ~ 40GHz	10/Jan2017	09/Jan2018
Loop Antenna	TESEQ	HLA 6120	24155	9 kHz~30 MHz	02/Jan2017	01/Jan2018
RF Cable-HIGH	SUHNER	SUCOFLEX 106	CB069-HF	1GHz ~ 40GHz	05/Nov/2016	04/Nov/2017
RF Cable-R03m	Jye Bao	RG142	CB019	9kHz ~ 1GHz	03/Jan2017	02/Jan2018
Receiver	R&S	ESR3	102052	9KHz ~ 3.6GHz	29/Apr/2017	28/Apr/2018

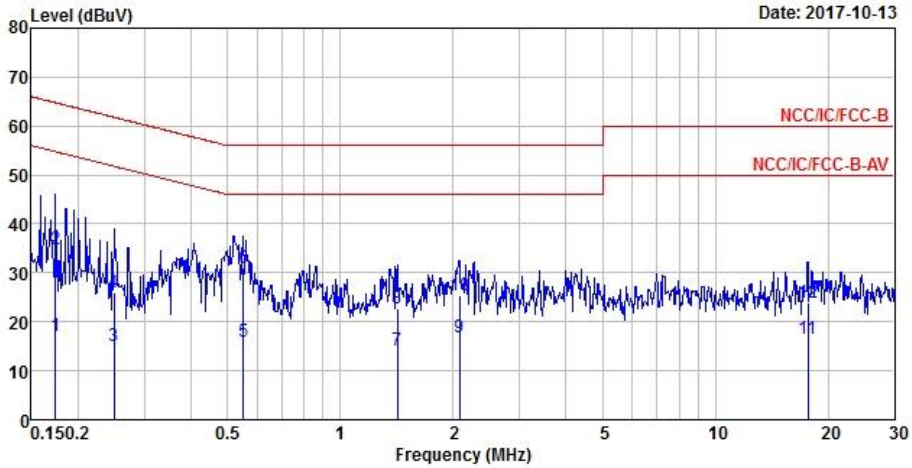
Instrument for Conducted Test - Point-to-multipoint

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101500	9kHz~40GHz	28/Jun/2017	27/Jun/2018
Power Sensor	Anritsu	MA2411B	1339407	300MHz ~ 40GHz	27/Oct/2016	26/Oct/2017
Power Meter	Anritsu	ML2495A	1517010	300MHz ~ 40GHz	27/Oct/2016	26/Oct/2017
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	27/Jul/2017	26/Jul/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10709/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10710/4	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

Instrument for Conducted Test - Point-to-point

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101500	9kHz~40GHz	28/Jun/2017	27/Jun/2018
Power Sensor	Anritsu	MA2411B	1027452	300MHz ~ 40GHz	27/Oct/2016	26/Oct/2017
Power Meter	Anritsu	ML2495A	1124009	300MHz ~ 40GHz	27/Oct/2016	26/Oct/2017
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	27/Jul/2017	26/Jul/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10709/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10710/4	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

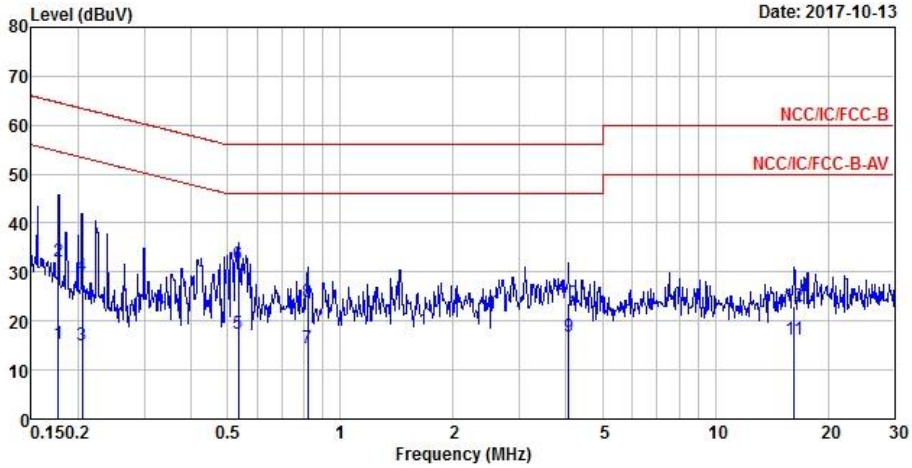
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	PoE Mode		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.17399	17.10	-37.67	54.77	7.46	9.64	0.00	Average
2	0.17399	34.91	-29.86	64.77	25.27	9.64	0.00	QP
3	0.24945	15.00	-36.78	51.78	5.34	9.66	0.00	Average
4	0.24945	26.08	-35.70	61.78	16.42	9.66	0.00	QP
5	0.55226	15.99	-30.01	46.00	6.37	9.62	0.00	Average
6 MAX	0.55226	30.86	-25.14	56.00	21.24	9.62	0.00	QP
7	1.41817	14.06	-31.94	46.00	4.44	9.62	0.00	Average
8	1.41817	22.84	-33.16	56.00	13.22	9.62	0.00	QP
9	2.07684	16.88	-29.12	46.00	7.23	9.65	0.00	Average
10	2.07684	25.39	-30.61	56.00	15.74	9.65	0.00	QP
11	17.66112	16.52	-33.48	50.00	6.66	9.86	0.00	Average
12	17.66112	23.86	-36.14	60.00	14.00	9.86	0.00	QP

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

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



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.17678	15.20	-39.44	54.64	5.55	9.65	0.00	Average
2	0.17678	32.20	-32.44	64.64	22.55	9.65	0.00	QP
3	0.20505	15.00	-38.40	53.40	5.35	9.65	0.00	Average
4	0.20505	29.24	-34.16	63.40	19.59	9.65	0.00	QP
5	0.53498	17.55	-28.45	46.00	7.89	9.66	0.00	Average
6 MAX	0.53498	31.47	-24.53	56.00	21.81	9.66	0.00	QP
7	0.81737	14.49	-31.51	46.00	4.85	9.64	0.00	Average
8	0.81737	23.80	-32.20	56.00	14.16	9.64	0.00	QP
9	4.07036	16.79	-29.21	46.00	7.02	9.77	0.00	Average
10	4.07036	23.70	-32.30	56.00	13.93	9.77	0.00	QP
11	16.22564	16.18	-33.82	50.00	6.33	9.85	0.00	Average
12	16.22564	23.11	-36.89	60.00	13.26	9.85	0.00	QP

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

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	10.05M	14.118M	14M1G1D	10.05M	13.943M
802.11g_Nss1,(6Mbps)_1TX	16.55M	24.538M	24M5D1D	16.525M	16.592M
802.11n HT20_Nss1,(MCS0)_1TX	17.775M	25.962M	26M0D1D	17.625M	17.791M
802.11n HT40_Nss1,(MCS0)_1TX	36.5M	36.482M	36M5D1D	36.5M	36.332M

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

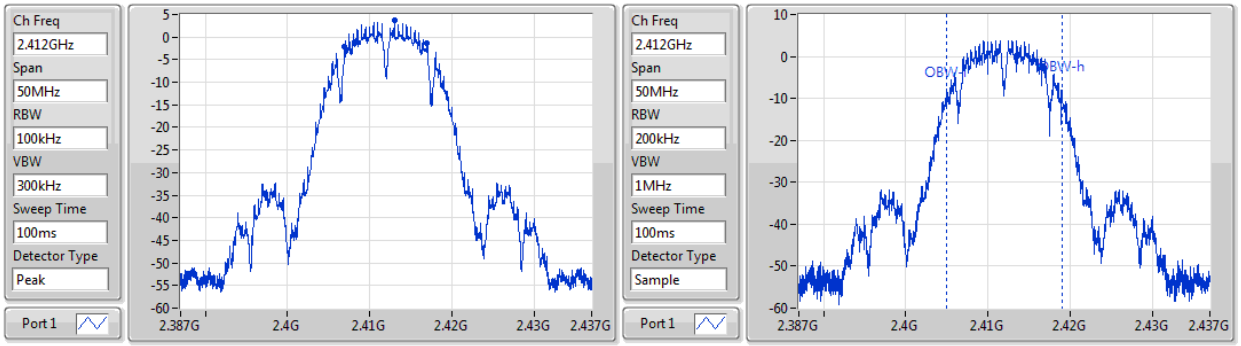
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	10.05M	14.118M
2437MHz	Pass	500k	10.05M	14.068M
2462MHz	Pass	500k	10.05M	13.943M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	16.525M	16.592M
2437MHz	Pass	500k	16.55M	24.538M
2462MHz	Pass	500k	16.525M	16.667M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	17.775M	17.791M
2437MHz	Pass	500k	17.625M	25.962M
2462MHz	Pass	500k	17.7M	17.791M
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-
2422MHz	Pass	500k	36.5M	36.332M
2437MHz	Pass	500k	36.5M	36.482M
2452MHz	Pass	500k	36.5M	36.332M

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

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

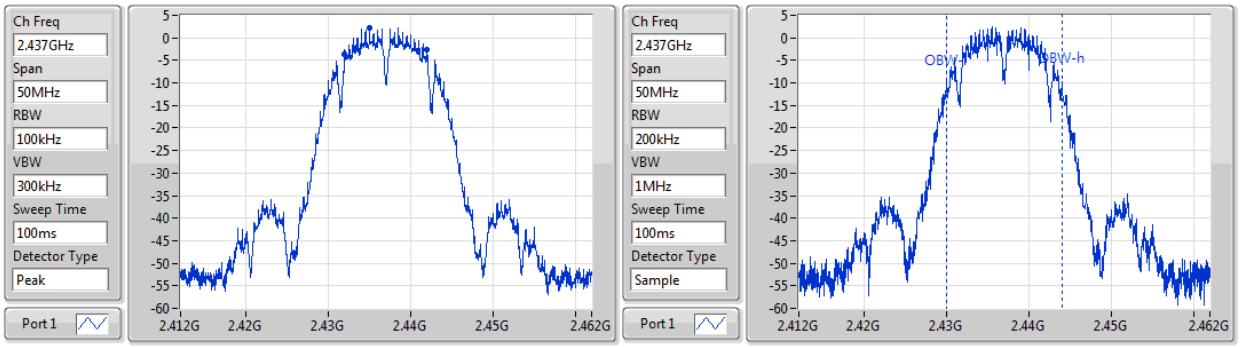
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.05M	2.40695G	2.417G	14.118M	2.404904G	2.419021G	500k	1

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

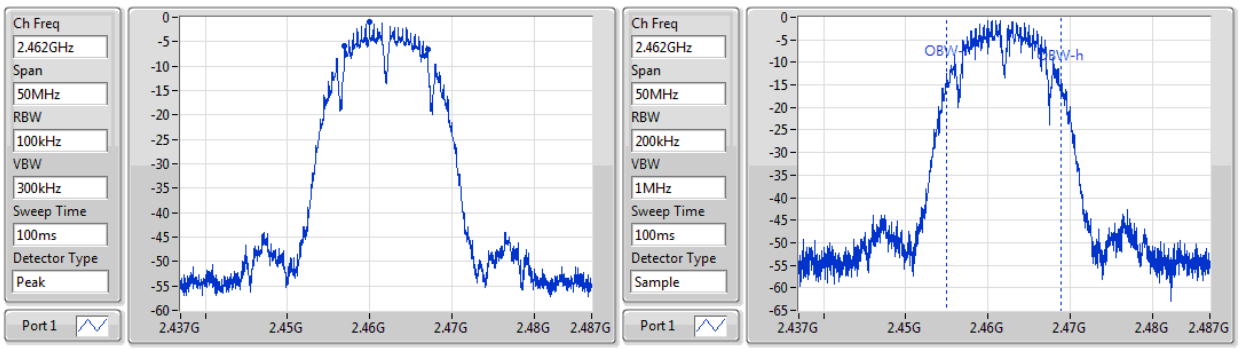
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.05M	2.43195G	2.442G	14.068M	2.429929G	2.443997G	500k	1

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

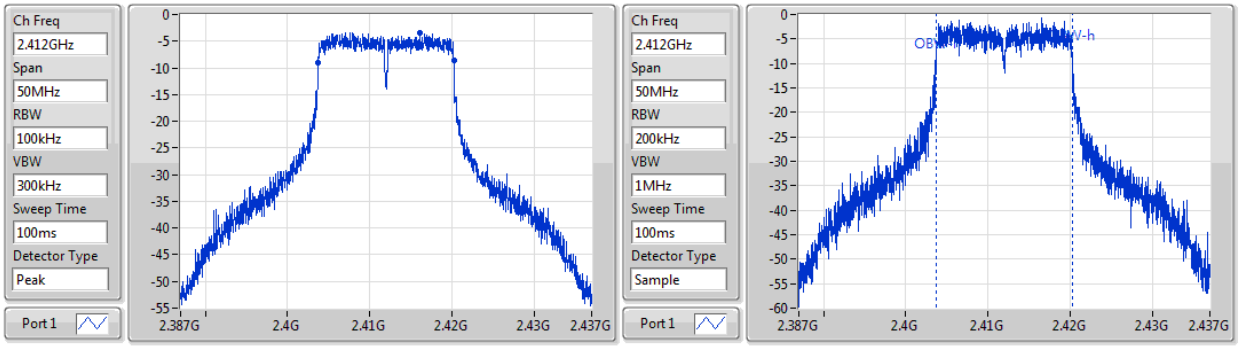
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.05M	2.456975G	2.467025G	13.943M	2.454979G	2.468922G	500k	1

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

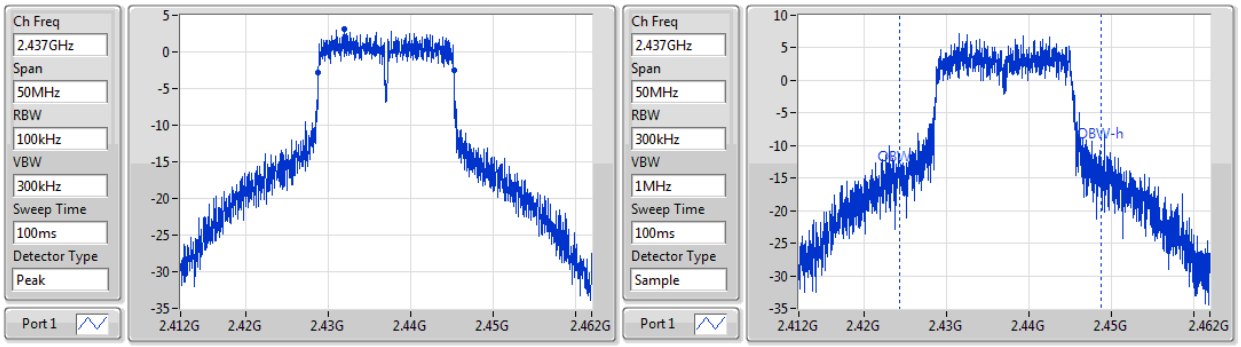
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.525M	2.403725G	2.42025G	16.592M	2.403679G	2.420271G	500k	1

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

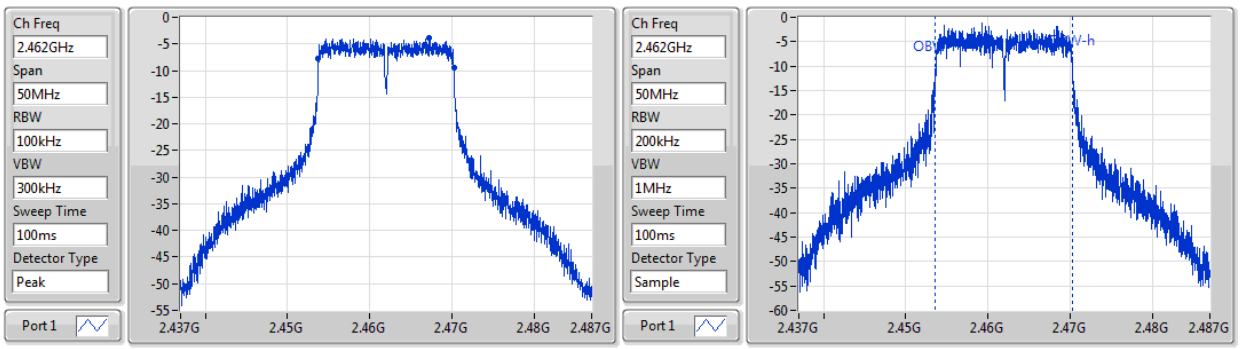
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.55M	2.4287G	2.44525G	24.538M	2.424281G	2.448819G	500k	1

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

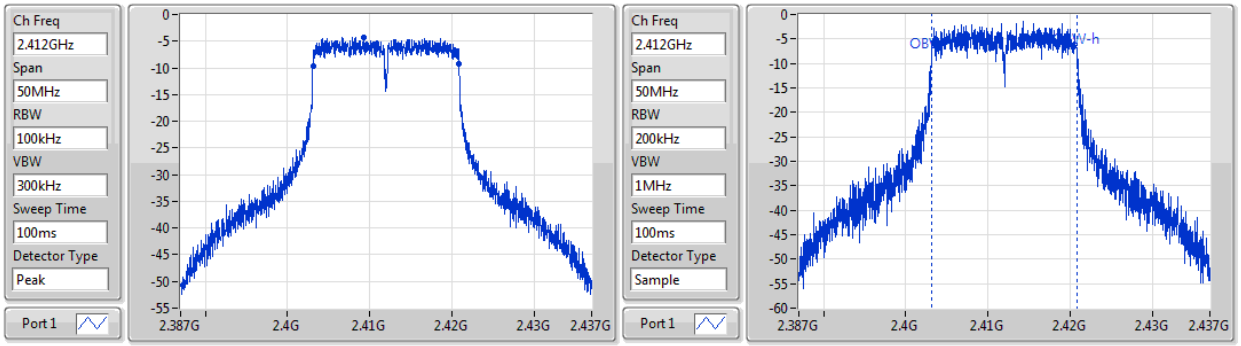
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.525M	2.453725G	2.47025G	16.667M	2.453629G	2.470296G	500k	1

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

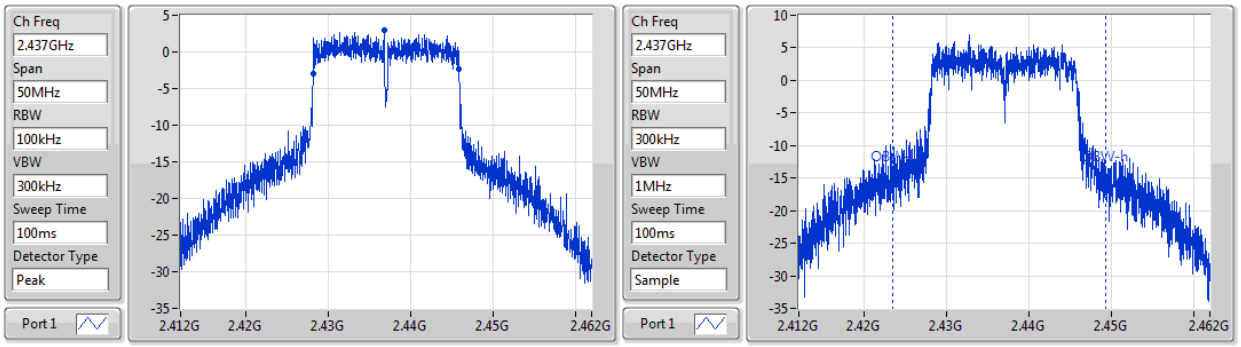
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.775M	2.4031G	2.420875G	17.791M	2.403104G	2.420896G	500k	1

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

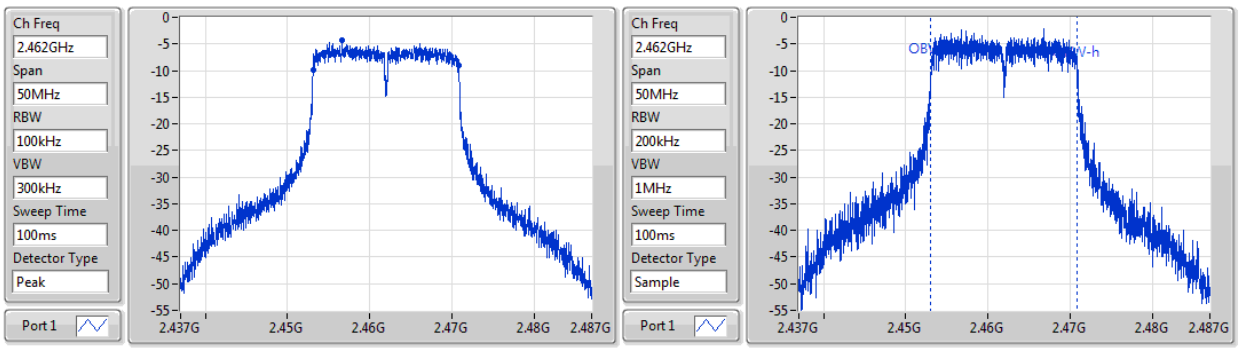
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.625M	2.428175G	2.4458G	25.962M	2.423407G	2.449369G	500k	1

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

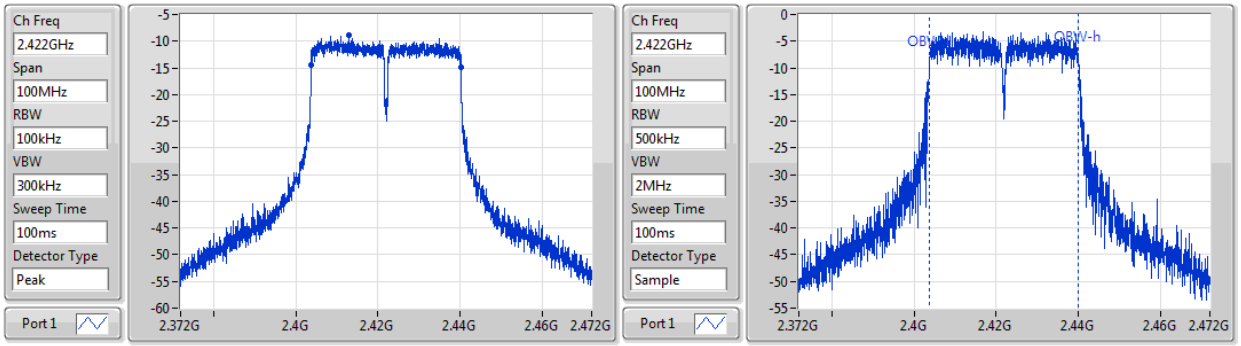
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.7M	2.4531G	2.4708G	17.791M	2.453079G	2.470871G	500k	1

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

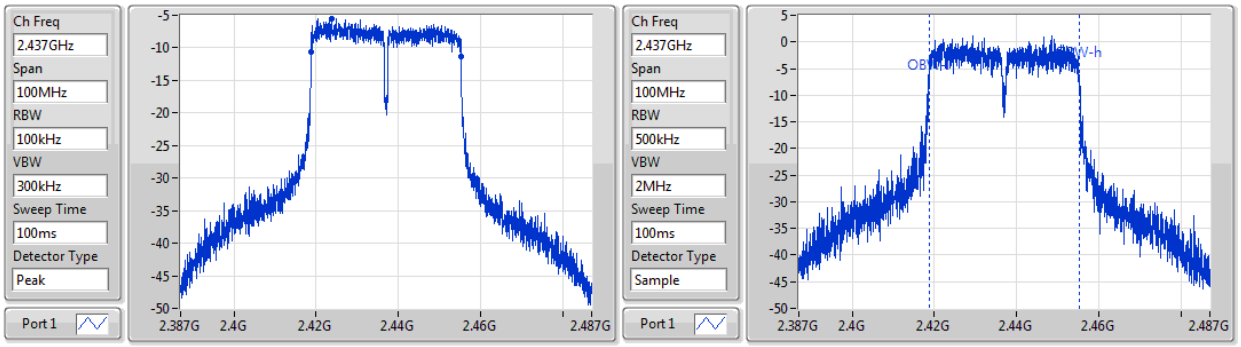
2422MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.5M	2.40375G	2.44025G	36.332M	2.403759G	2.440091G	500k	1

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

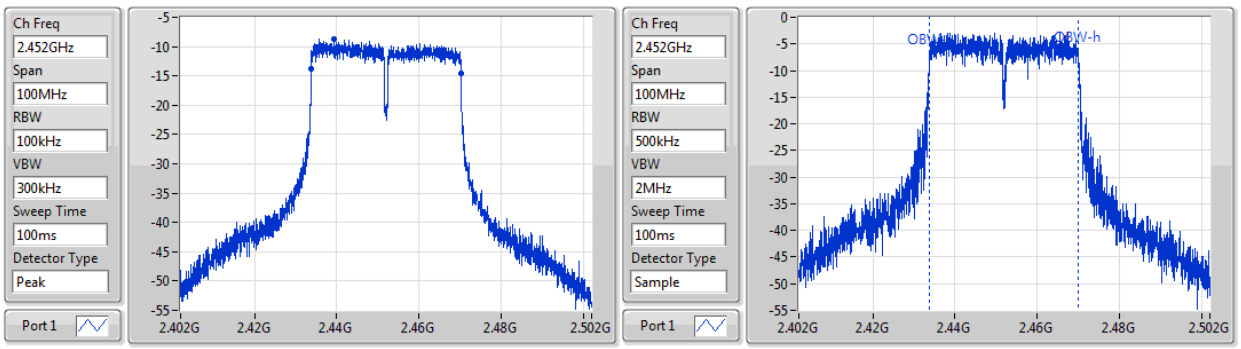
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.5M	2.4187G	2.4552G	36.482M	2.418659G	2.455141G	500k	1

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

2452MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.5M	2.43375G	2.47025G	36.332M	2.433759G	2.470091G	500k	1

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	10.05M	14.118M	14M1G1D	10.05M	13.943M
802.11g_Nss1,(6Mbps)_1TX	16.55M	24.538M	24M5D1D	16.525M	16.592M
802.11n HT20_Nss1,(MCS0)_1TX	17.775M	25.962M	26M0D1D	17.625M	17.791M
802.11n HT40_Nss1,(MCS0)_1TX	36.5M	36.482M	36M5D1D	36.5M	36.332M

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

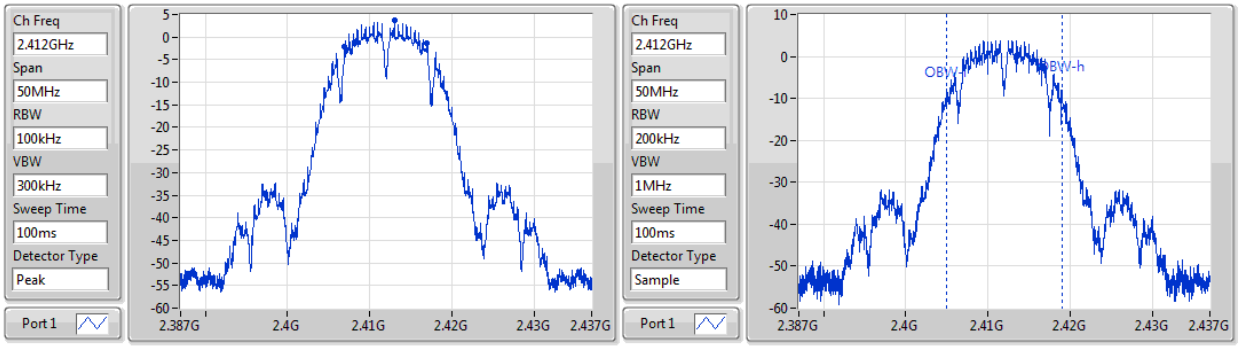
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz_TnomVnom	Pass	500k	10.05M	14.118M
2437MHz_TnomVnom	Pass	500k	10.05M	14.068M
2462MHz_TnomVnom	Pass	500k	10.05M	13.943M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz_TnomVnom	Pass	500k	16.525M	16.592M
2437MHz_TnomVnom	Pass	500k	16.55M	24.538M
2462MHz_TnomVnom	Pass	500k	16.525M	16.667M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz_TnomVnom	Pass	500k	17.775M	17.791M
2437MHz_TnomVnom	Pass	500k	17.625M	25.962M
2462MHz_TnomVnom	Pass	500k	17.7M	17.791M
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-
2422MHz_TnomVnom	Pass	500k	36.5M	36.332M
2437MHz_TnomVnom	Pass	500k	36.5M	36.482M
2452MHz_TnomVnom	Pass	500k	36.5M	36.332M

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

802.11b_Nss1,(1Mbps)_1TX EBW

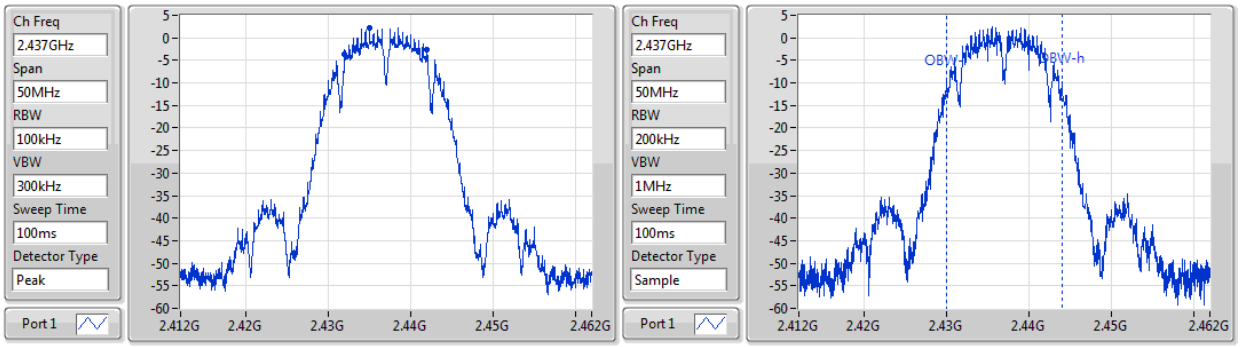
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.05M	2.40695G	2.417G	14.118M	2.404904G	2.419021G	500k	1

802.11b_Nss1,(1Mbps)_1TX EBW

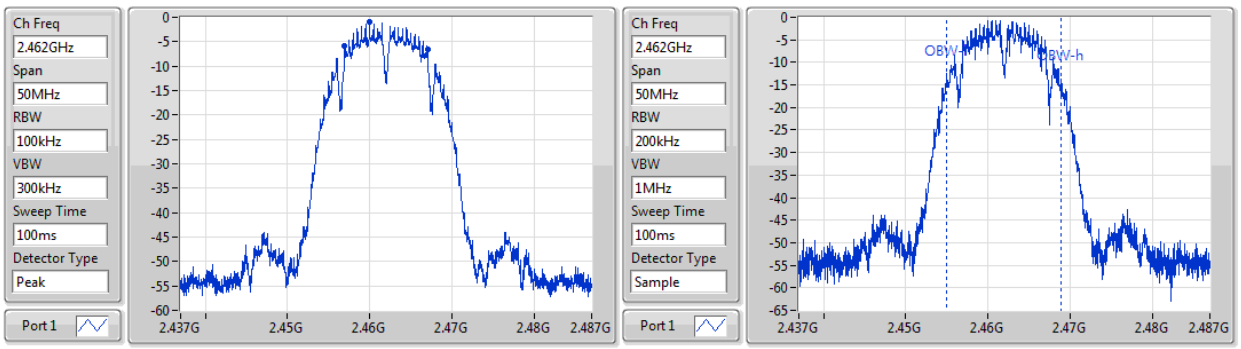
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.05M	2.43195G	2.442G	14.068M	2.429929G	2.443997G	500k	1

802.11b_Nss1,(1Mbps)_1TX EBW

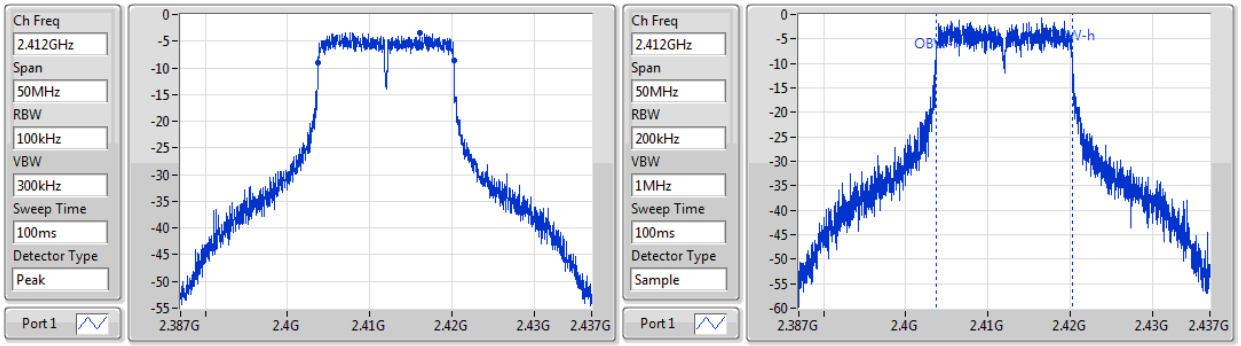
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.05M	2.456975G	2.467025G	13.943M	2.454979G	2.468922G	500k	1

802.11g_Nss1,(6Mbps)_1TX EBW

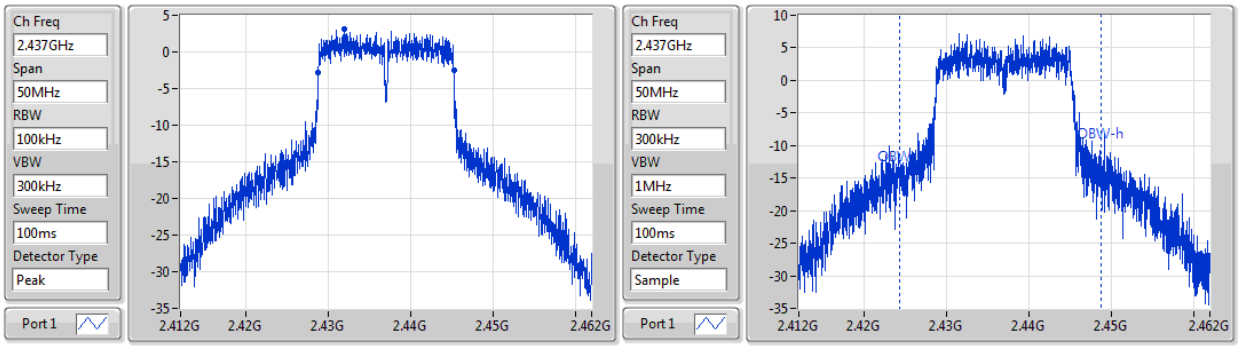
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.525M	2.403725G	2.42025G	16.592M	2.403679G	2.420271G	500k	1

802.11g_Nss1,(6Mbps)_1TX EBW

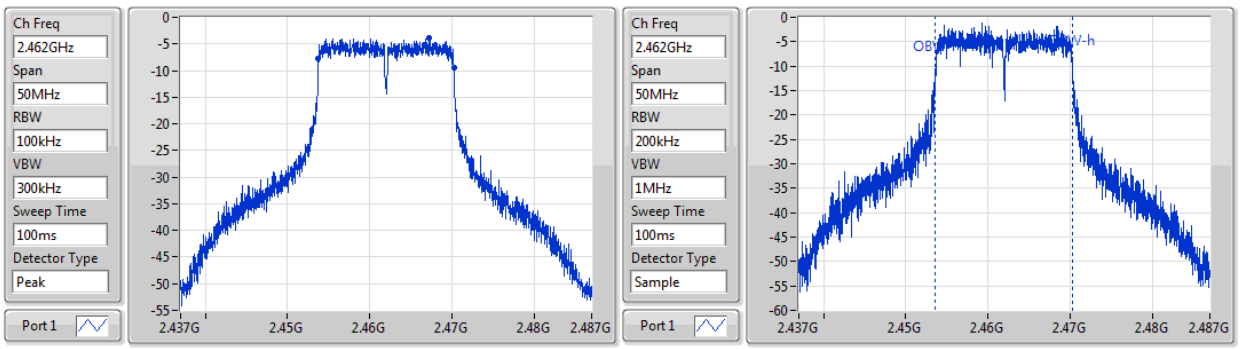
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.55M	2.4287G	2.44525G	24.538M	2.424281G	2.448819G	500k	1

802.11g_Nss1,(6Mbps)_1TX EBW

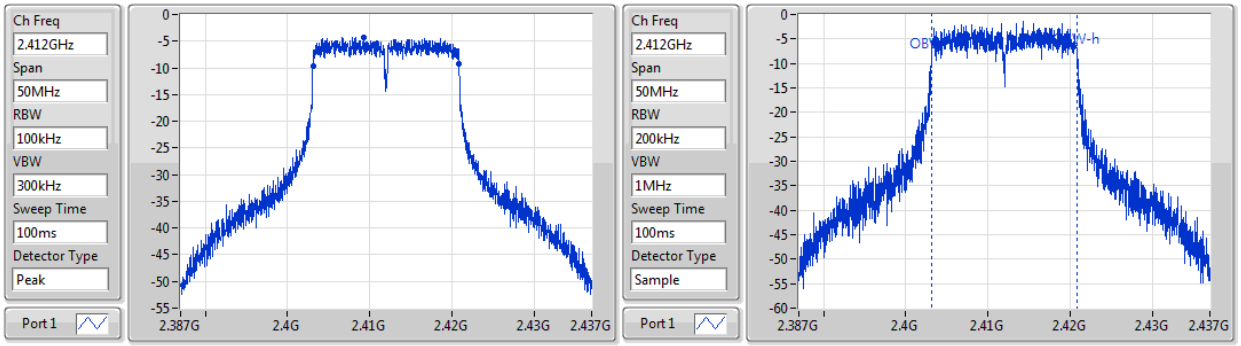
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.525M	2.453725G	2.47025G	16.667M	2.453629G	2.470296G	500k	1

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

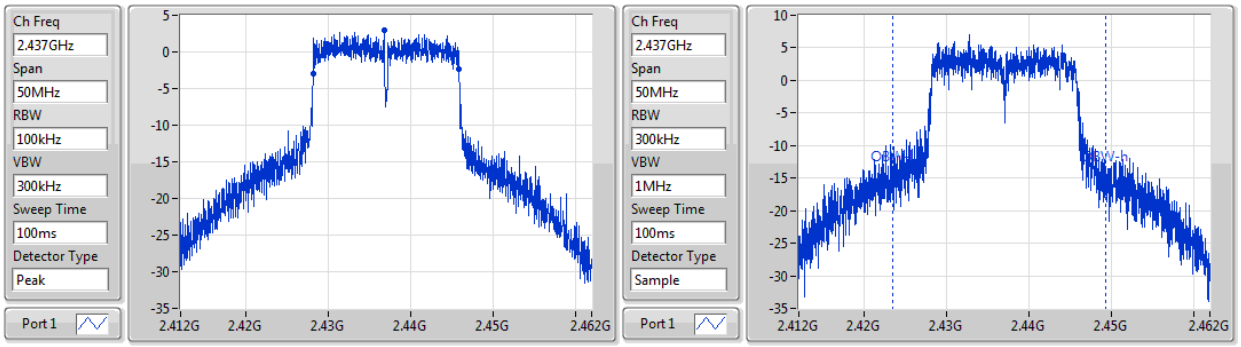
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.775M	2.4031G	2.420875G	17.791M	2.403104G	2.420896G	500k	1

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

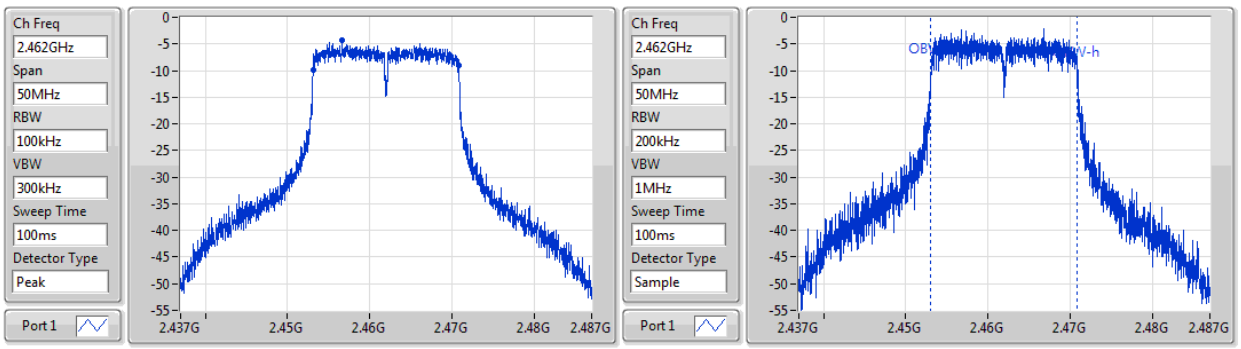
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.625M	2.428175G	2.4458G	25.962M	2.423407G	2.449369G	500k	1

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

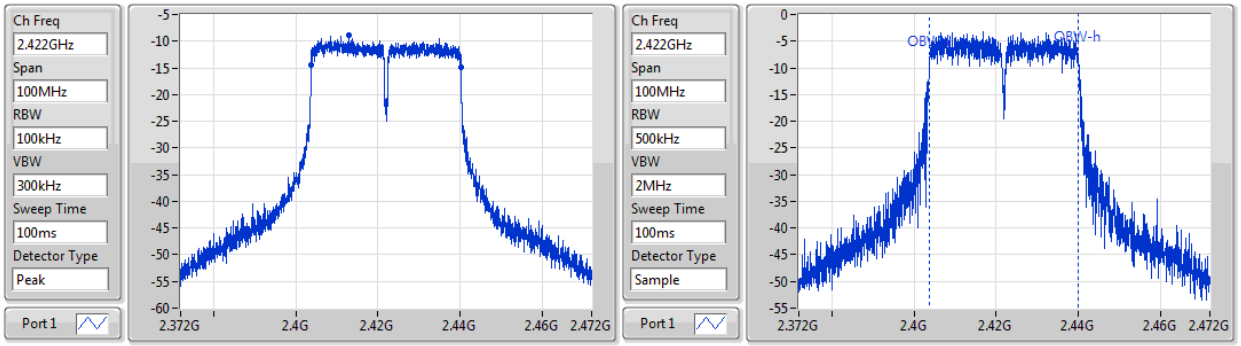
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.7M	2.4531G	2.4708G	17.791M	2.453079G	2.470871G	500k	1

802.11n HT40_Nss1,(MCS0)_1TX EBW

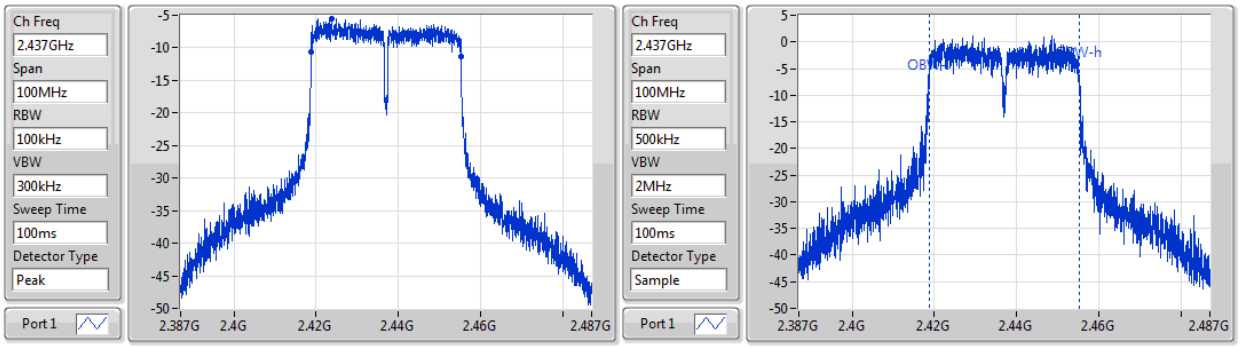
2422MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.5M	2.40375G	2.44025G	36.332M	2.403759G	2.440091G	500k	1

802.11n HT40_Nss1,(MCS0)_1TX EBW

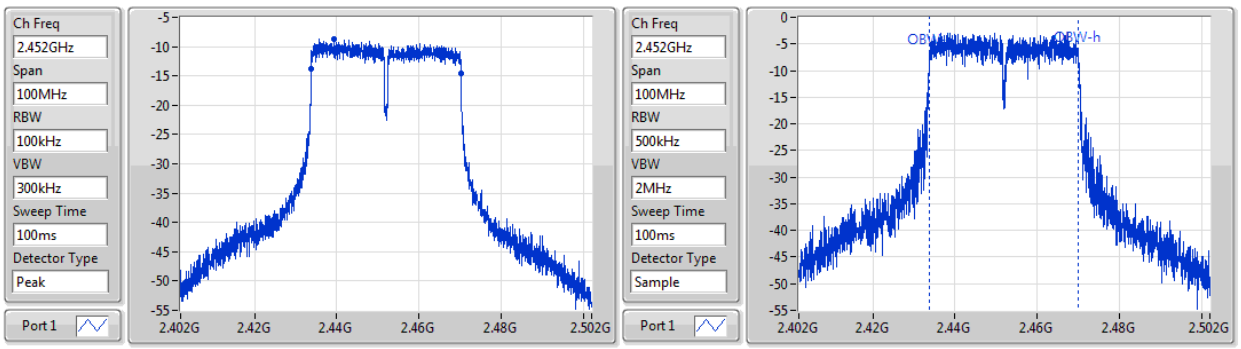
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.5M	2.4187G	2.4552G	36.482M	2.418659G	2.455141G	500k	1

802.11n HT40_Nss1,(MCS0)_1TX EBW

2452MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.5M	2.43375G	2.47025G	36.332M	2.433759G	2.470091G	500k	1

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	13.99	0.02506
802.11g_Nss1,(6Mbps)_1TX	17.25	0.05309
802.11n HT20_Nss1,(MCS0)_1TX	17.35	0.05433
802.11n HT40_Nss1,(MCS0)_1TX	11.55	0.01429

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.00	13.99	13.99	30.00
2437MHz	Pass	2.00	12.69	12.69	30.00
2462MHz	Pass	2.00	9.44	9.44	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.00	11.56	11.56	30.00
2437MHz	Pass	2.00	17.25	17.25	30.00
2462MHz	Pass	2.00	11.09	11.09	30.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	2.00	11.01	11.01	30.00
2437MHz	Pass	2.00	17.35	17.35	30.00
2462MHz	Pass	2.00	10.33	10.33	30.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	2.00	8.64	8.64	30.00
2437MHz	Pass	2.00	11.55	11.55	30.00
2452MHz	Pass	2.00	9.33	9.33	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	13.99	0.02506
802.11g_Nss1,(6Mbps)_1TX	17.25	0.05309
802.11n HT20_Nss1,(MCS0)_1TX	17.35	0.05433
802.11n HT40_Nss1,(MCS0)_1TX	11.55	0.01429

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.00	13.99	13.99	30.00
2437MHz_TnomVnom	Pass	2.00	12.69	12.69	30.00
2462MHz_TnomVnom	Pass	2.00	9.44	9.44	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.00	11.56	11.56	30.00
2437MHz_TnomVnom	Pass	2.00	17.25	17.25	30.00
2462MHz_TnomVnom	Pass	2.00	11.09	11.09	30.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.00	11.01	11.01	30.00
2437MHz_TnomVnom	Pass	2.00	17.35	17.35	30.00
2462MHz_TnomVnom	Pass	2.00	10.33	10.33	30.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.00	8.64	8.64	30.00
2437MHz_TnomVnom	Pass	2.00	11.55	11.55	30.00
2452MHz_TnomVnom	Pass	2.00	9.33	9.33	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-10.19
802.11g_Nss1,(6Mbps)_1TX	-8.57
802.11n HT20_Nss1,(MCS0)_1TX	-9.52
802.11n HT40_Nss1,(MCS0)_1TX	-17.45

RBW=3kHz.

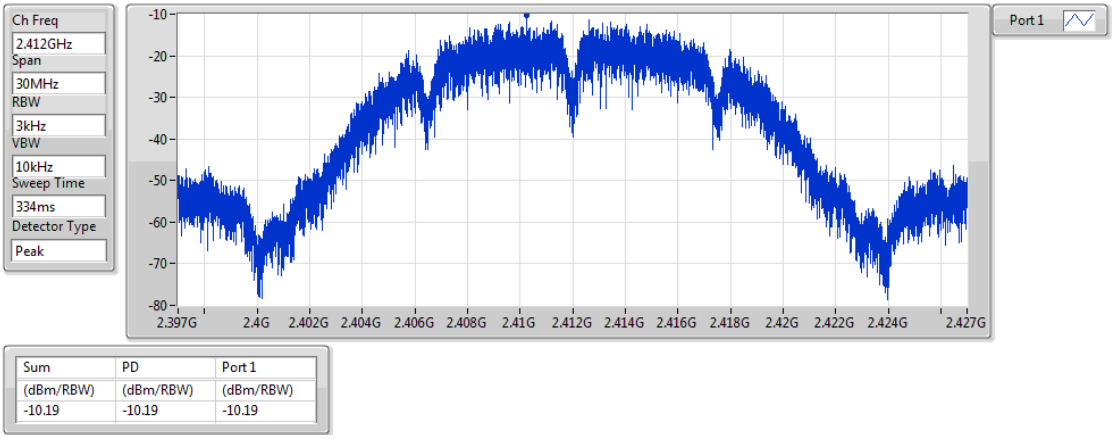
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.00	-10.19	-10.19	8.00
2437MHz	Pass	2.00	-11.90	-11.90	8.00
2462MHz	Pass	2.00	-15.71	-15.71	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.00	-14.81	-14.81	8.00
2437MHz	Pass	2.00	-8.57	-8.57	8.00
2462MHz	Pass	2.00	-15.39	-15.39	8.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	2.00	-15.57	-15.57	8.00
2437MHz	Pass	2.00	-9.52	-9.52	8.00
2462MHz	Pass	2.00	-16.56	-16.56	8.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	2.00	-21.22	-21.22	8.00
2437MHz	Pass	2.00	-17.45	-17.45	8.00
2452MHz	Pass	2.00	-20.74	-20.74	8.00

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

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

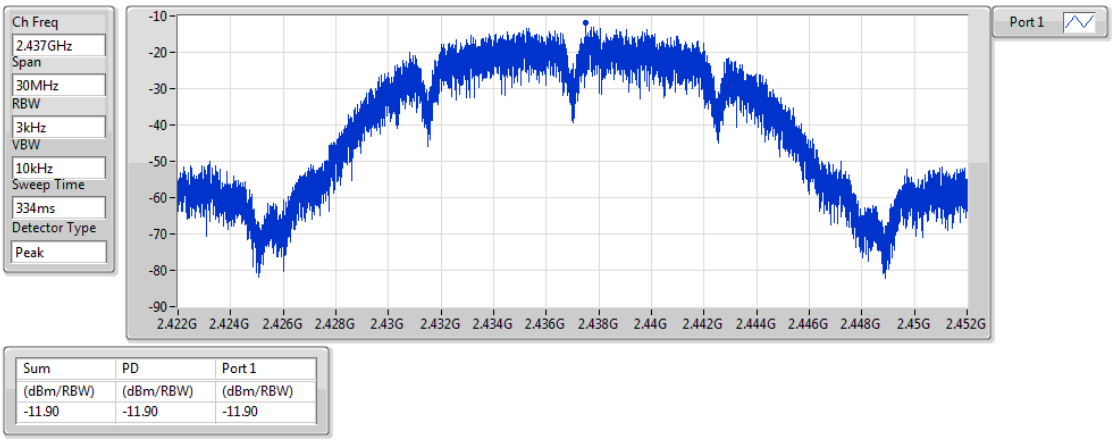
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.19	-10.19	-10.19

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

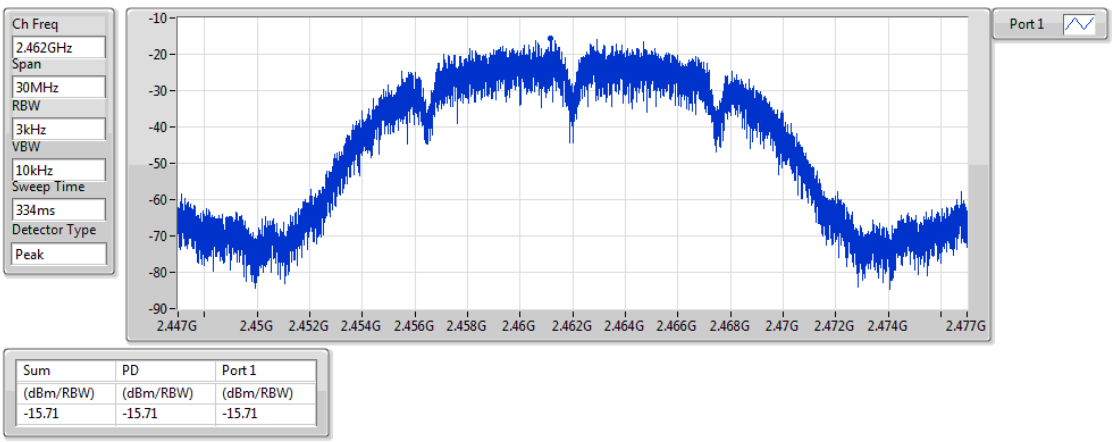
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.90	-11.90	-11.90

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

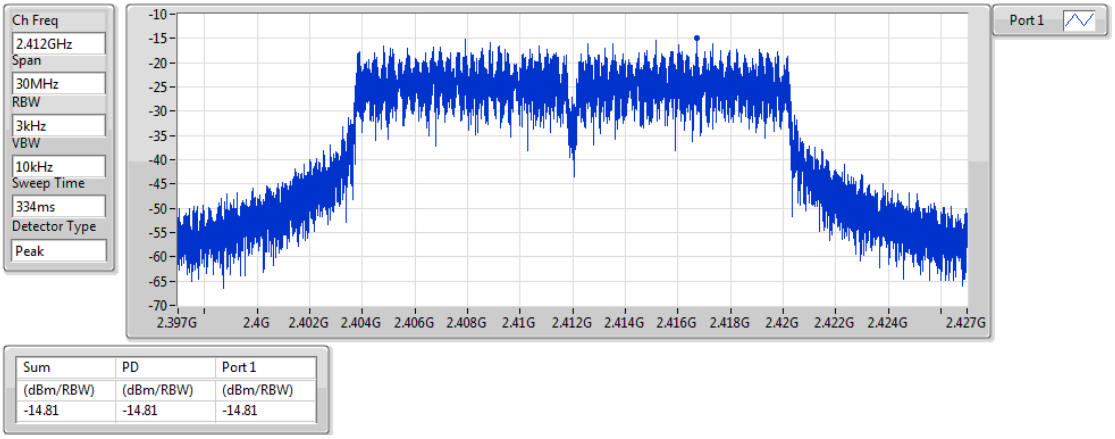
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-15.71	-15.71	-15.71

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

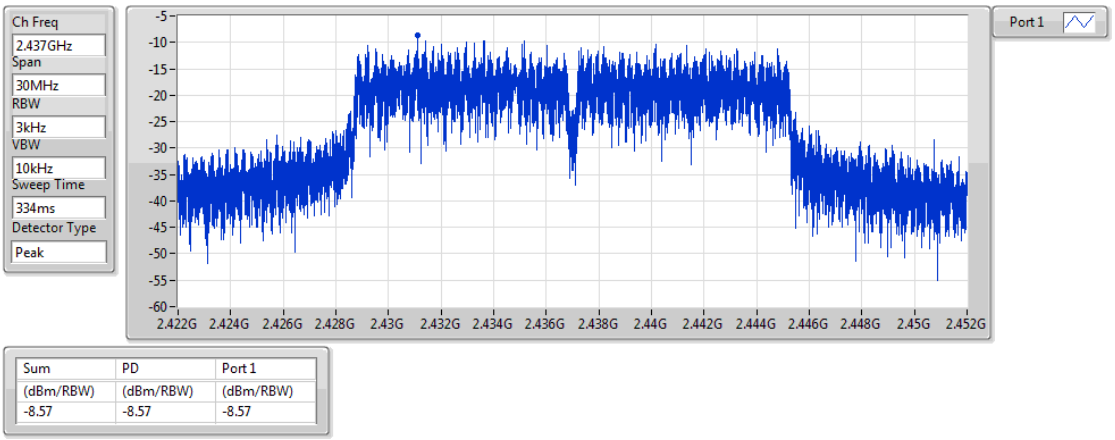
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-14.81	-14.81	-14.81

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

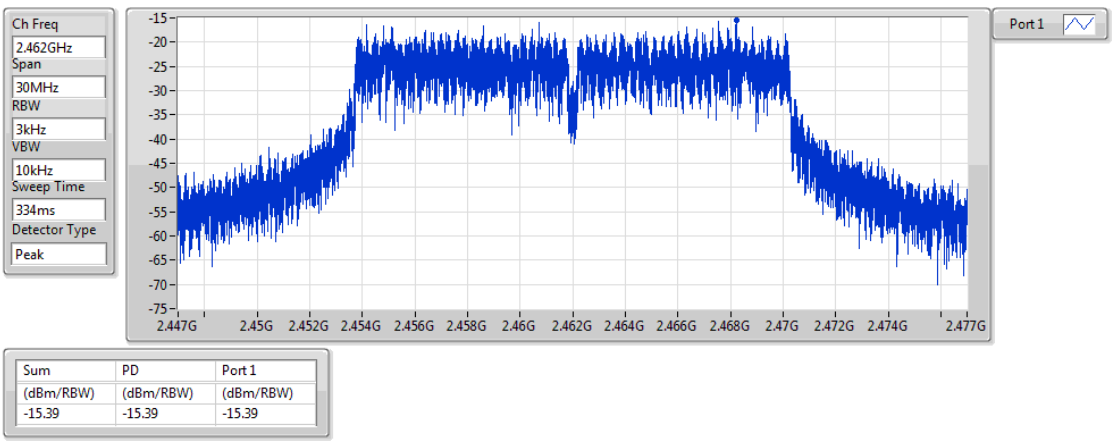
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.57	-8.57	-8.57

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

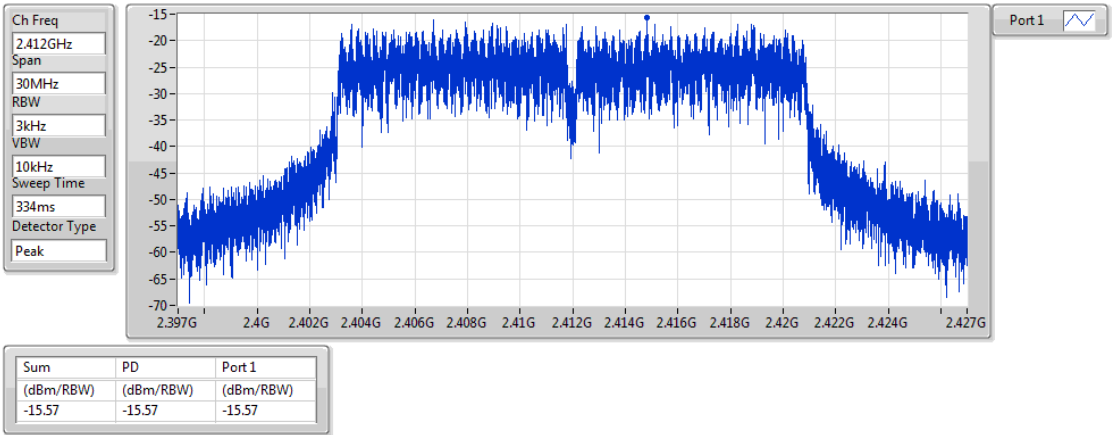
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-15.39	-15.39	-15.39

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

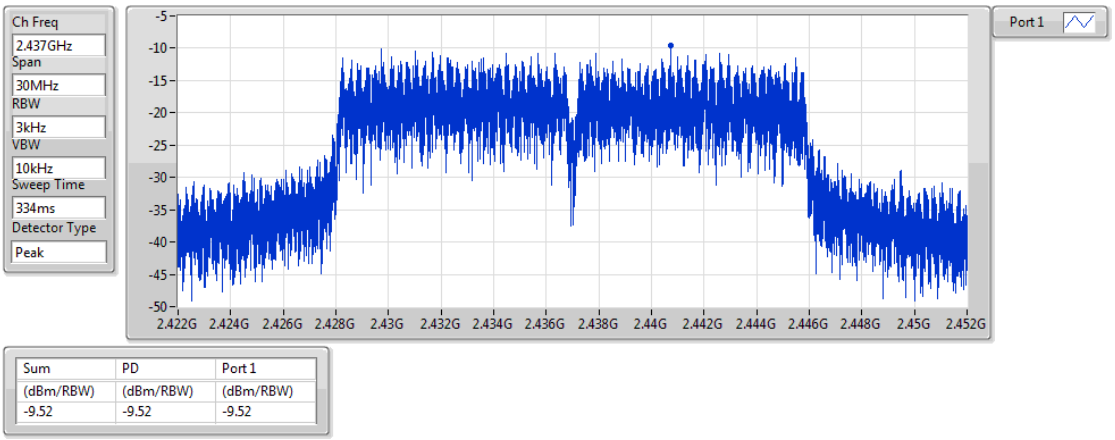
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-15.57	-15.57	-15.57

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

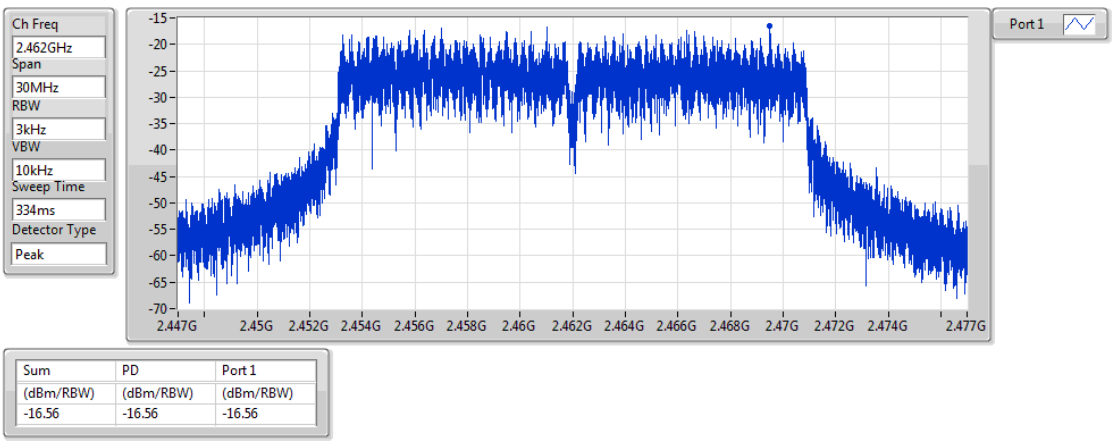
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.52	-9.52	-9.52

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

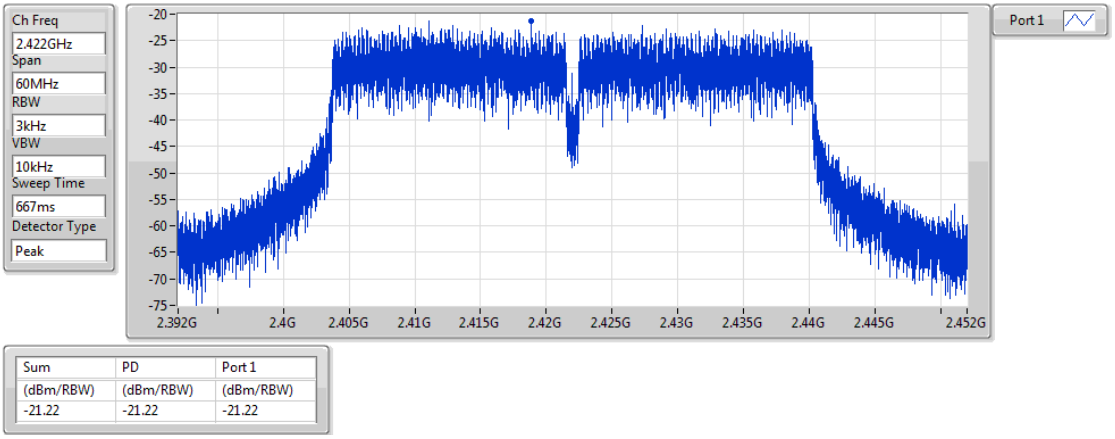
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-16.56	-16.56	-16.56

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

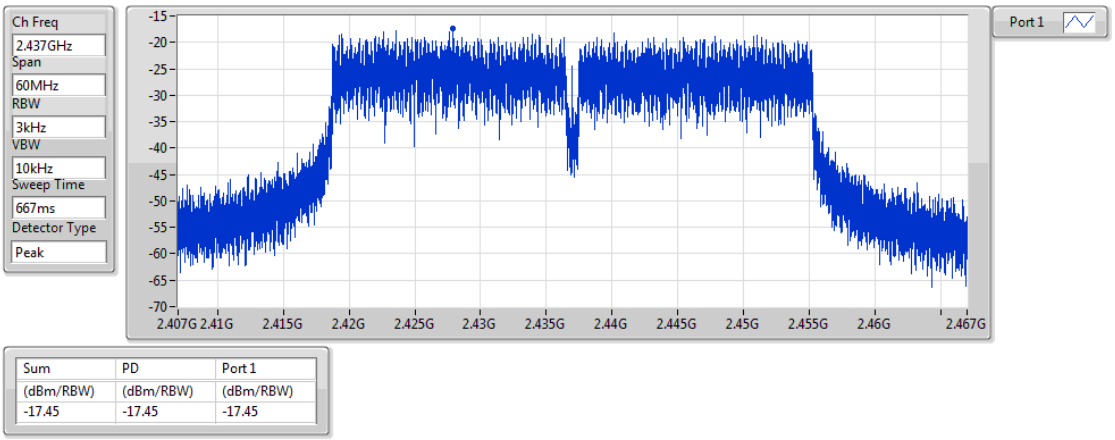
2422MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-21.22	-21.22	-21.22

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

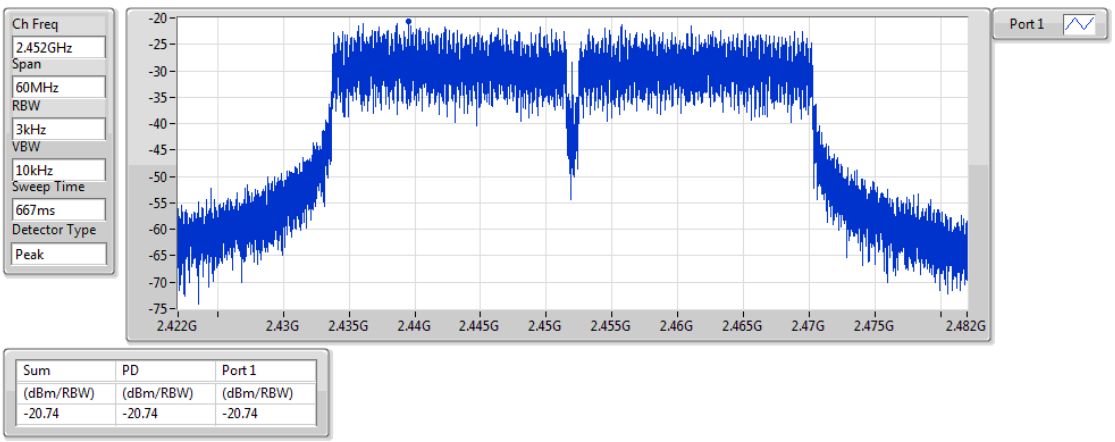
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-17.45	-17.45	-17.45

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

2452MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-20.74	-20.74	-20.74

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-10.19
802.11g_Nss1,(6Mbps)_1TX	-8.57
802.11n HT20_Nss1,(MCS0)_1TX	-9.52
802.11n HT40_Nss1,(MCS0)_1TX	-17.45

RBW=3kHz.

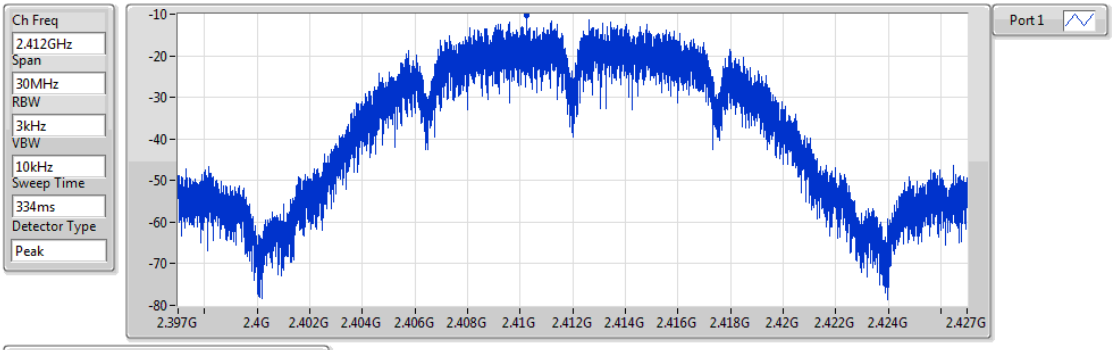
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.00	-10.19	-10.19	8.00
2437MHz_TnomVnom	Pass	2.00	-11.90	-11.90	8.00
2462MHz_TnomVnom	Pass	2.00	-15.71	-15.71	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.00	-14.81	-14.81	8.00
2437MHz_TnomVnom	Pass	2.00	-8.57	-8.57	8.00
2462MHz_TnomVnom	Pass	2.00	-15.39	-15.39	8.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.00	-15.57	-15.57	8.00
2437MHz_TnomVnom	Pass	2.00	-9.52	-9.52	8.00
2462MHz_TnomVnom	Pass	2.00	-16.56	-16.56	8.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.00	-21.22	-21.22	8.00
2437MHz_TnomVnom	Pass	2.00	-17.45	-17.45	8.00
2452MHz_TnomVnom	Pass	2.00	-20.74	-20.74	8.00

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

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

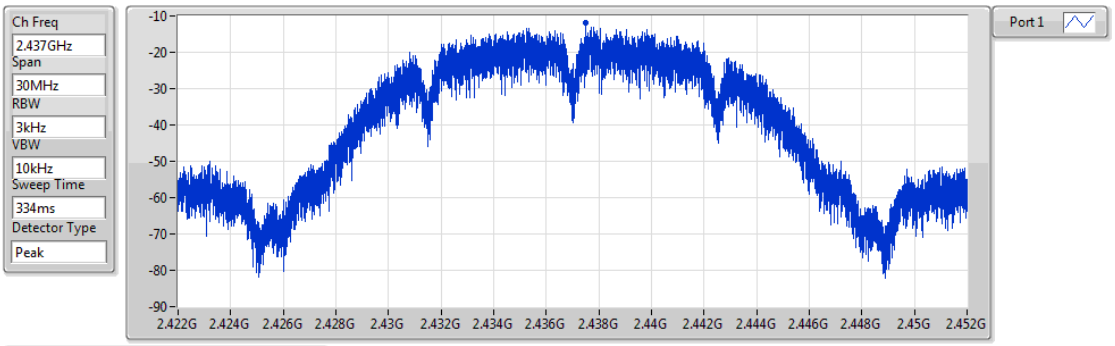
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.19	-10.19	-10.19

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

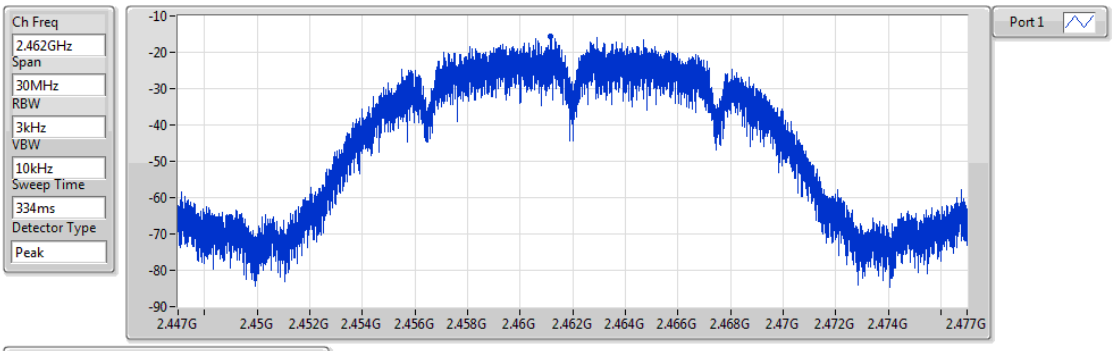
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.90	-11.90	-11.90

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

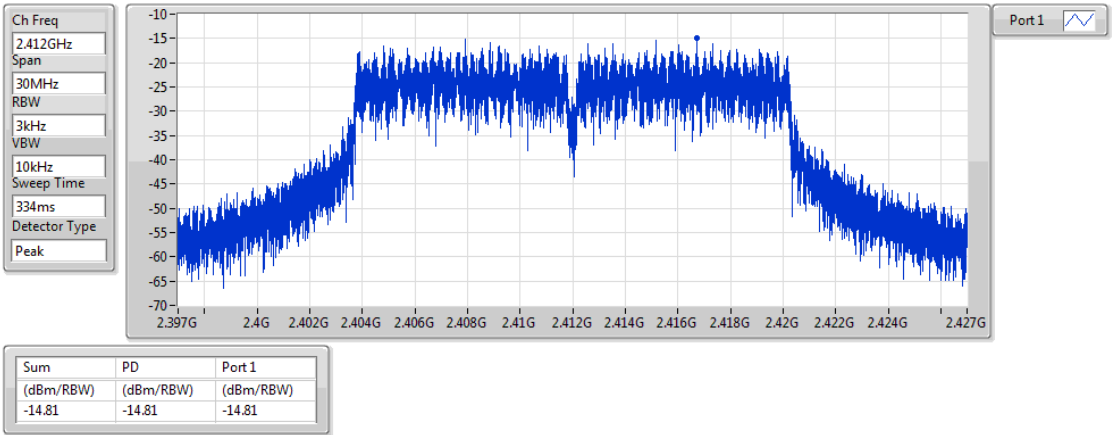
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-15.71	-15.71	-15.71

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

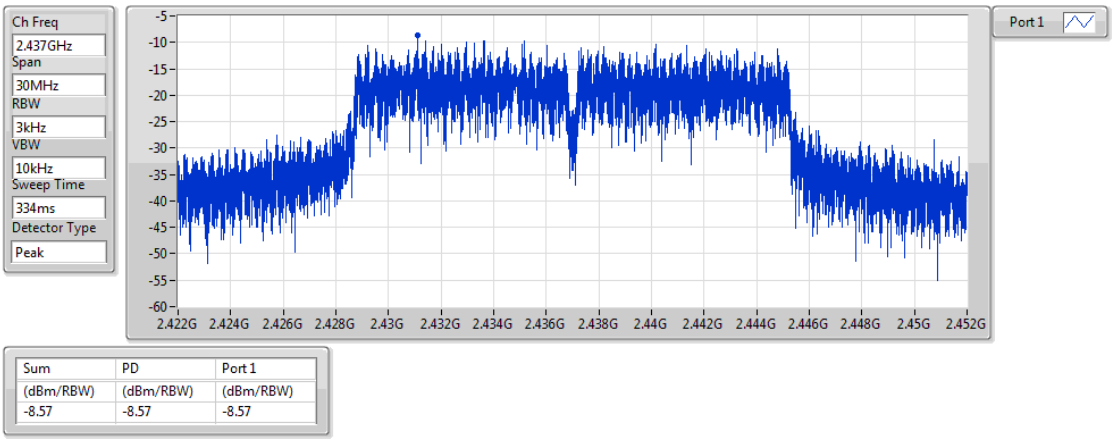
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-14.81	-14.81	-14.81

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

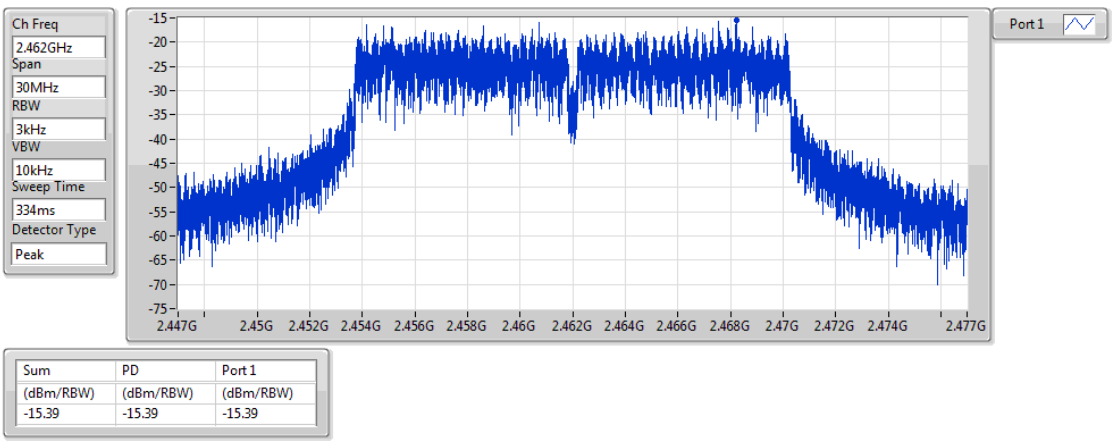
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.57	-8.57	-8.57

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

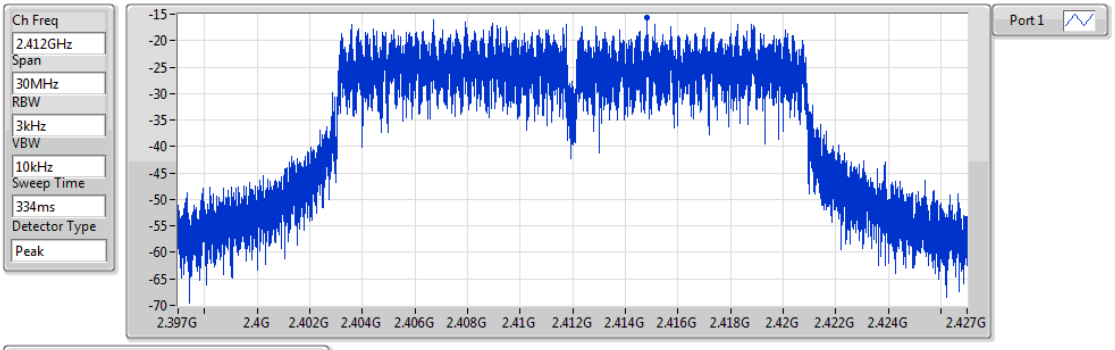
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-15.39	-15.39	-15.39

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

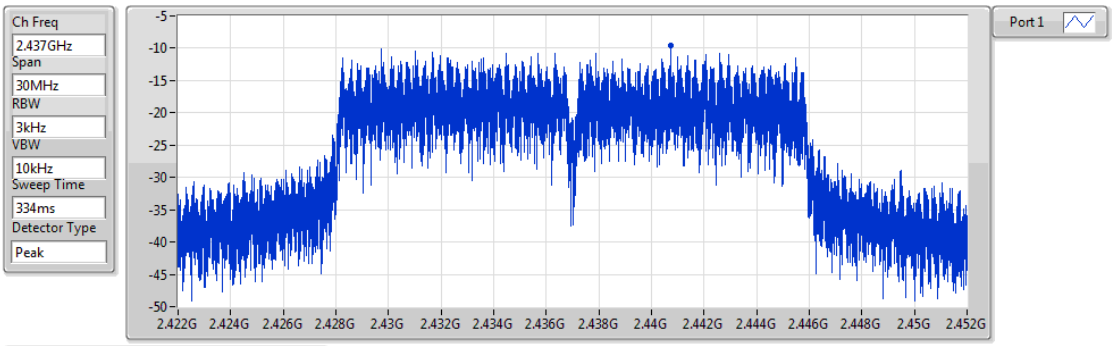
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-15.57	-15.57	-15.57

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

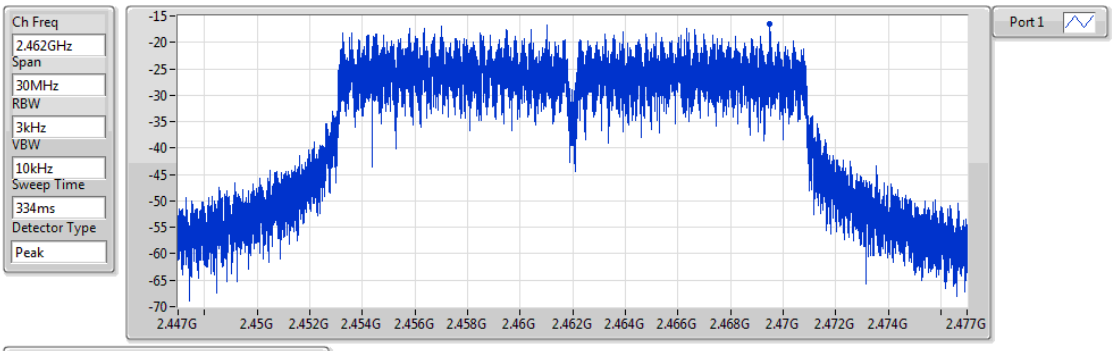
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.52	-9.52	-9.52

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

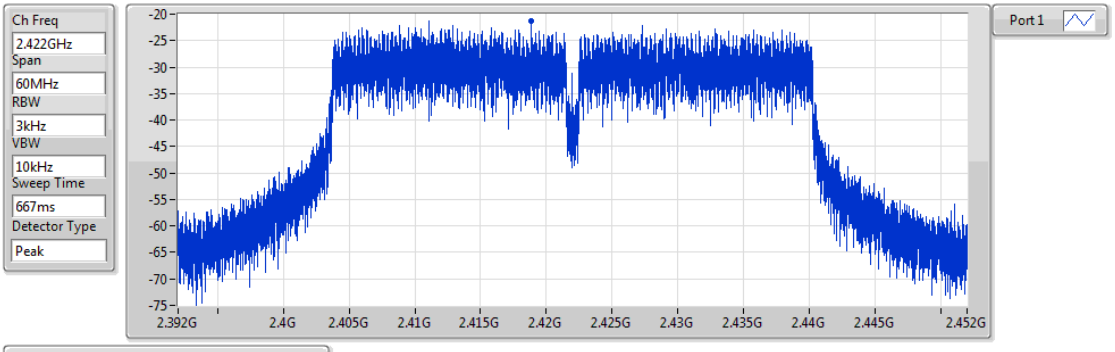
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-16.56	-16.56	-16.56

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

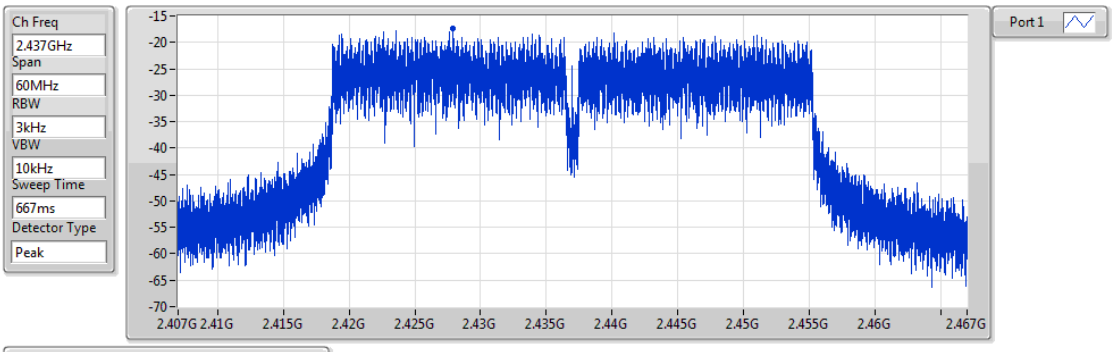
2422MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-21.22	-21.22	-21.22

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

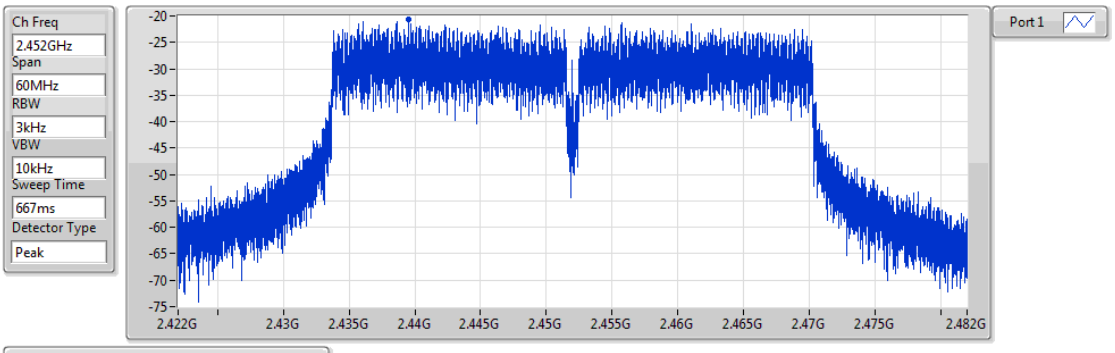
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-17.45	-17.45	-17.45

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

2452MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-20.74	-20.74	-20.74

Summary

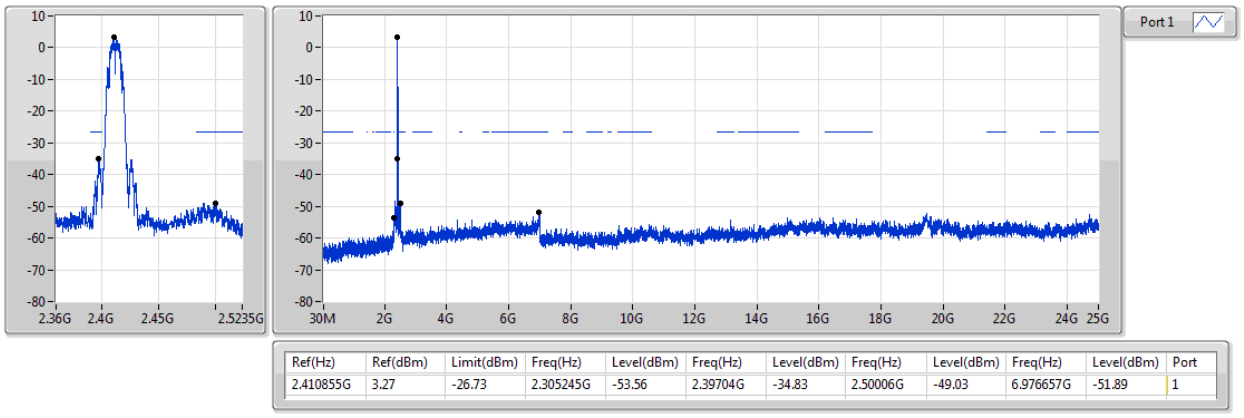
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.410855G	3.27	-26.73	2.305245G	-53.56	2.39704G	-34.83	2.50006G	-49.03	6.976657G	-51.89	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.438911G	2.74	-27.26	2.30408G	-54.73	2.39968G	-28.62	2.4955G	-50.79	24.730282G	-53.17	1
802.11n HT20_Nss1,(MCS0)_1TX	Pass	2.441583G	2.68	-27.32	2.30874G	-55.73	2.39976G	-28.29	2.48646G	-51.67	5.577494G	-52.58	1
802.11n HT40_Nss1,(MCS0)_1TX	Pass	2.425718G	-5.74	-35.74	2.30397G	-56.82	2.39648G	-35.75	2.48462G	-44.94	24.899036G	-52.87	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.410855G	3.27	-26.73	2.305245G	-53.56	2.39704G	-34.83	2.50006G	-49.03	6.976657G	-51.89	1
2437MHz	Pass	2.410855G	3.27	-26.73	2.309905G	-56.30	2.39928G	-50.50	2.51502G	-50.21	2.5235G	-51.51	1
2462MHz	Pass	2.410855G	3.27	-26.73	2.300585G	-58.99	2.3904G	-50.33	2.49054G	-53.31	6.976657G	-53.71	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.438911G	2.74	-27.26	2.30408G	-54.73	2.39968G	-28.62	2.4955G	-50.79	24.730282G	-53.17	1
2437MHz	Pass	2.438911G	2.74	-27.26	2.305245G	-55.42	2.39952G	-36.89	2.48582G	-47.55	24.634757G	-51.70	1
2462MHz	Pass	2.438911G	2.74	-27.26	2.309905G	-57.89	2.39264G	-49.99	2.48382G	-44.74	6.962609G	-52.67	1
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.441583G	2.68	-27.32	2.30874G	-55.73	2.39976G	-28.29	2.48646G	-51.67	5.577494G	-52.58	1
2437MHz	Pass	2.441583G	2.68	-27.32	2.300585G	-55.67	2.39832G	-34.13	2.4851G	-44.05	9.749695G	-51.47	1
2462MHz	Pass	2.441583G	2.68	-27.32	2.30641G	-57.72	2.39144G	-50.76	2.48358G	-44.80	6.985085G	-53.01	1
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.425718G	-5.74	-35.74	2.30855G	-57.79	2.39888G	-36.60	2.49422G	-52.89	24.565293G	-52.59	1
2437MHz	Pass	2.425718G	-5.74	-35.74	2.30397G	-56.82	2.39648G	-35.75	2.48462G	-44.94	24.899036G	-52.87	1
2452MHz	Pass	2.425718G	-5.74	-35.74	2.30855G	-58.42	2.39248G	-52.26	2.48686G	-40.47	6.947031G	-53.30	1

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

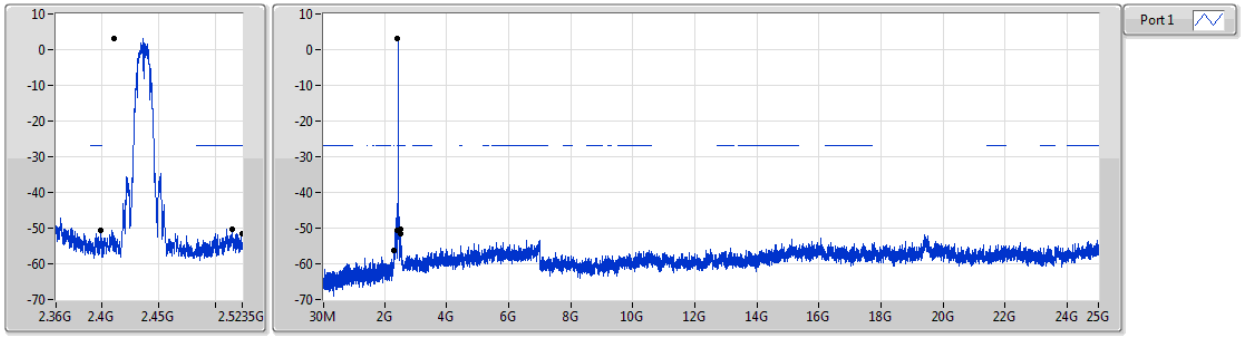
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.410855G	3.27	-26.73	2.305245G	-53.56	2.39704G	-34.83	2.50006G	-49.03	6.976657G	-51.89	1

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

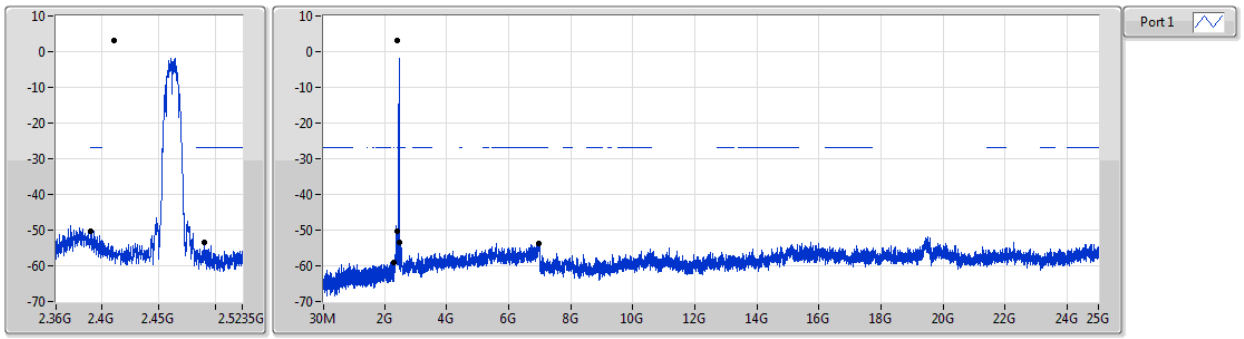
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.410855G	3.27	-26.73	2.309905G	-56.30	2.39928G	-50.50	2.51502G	-50.21	2.5235G	-51.51	1

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

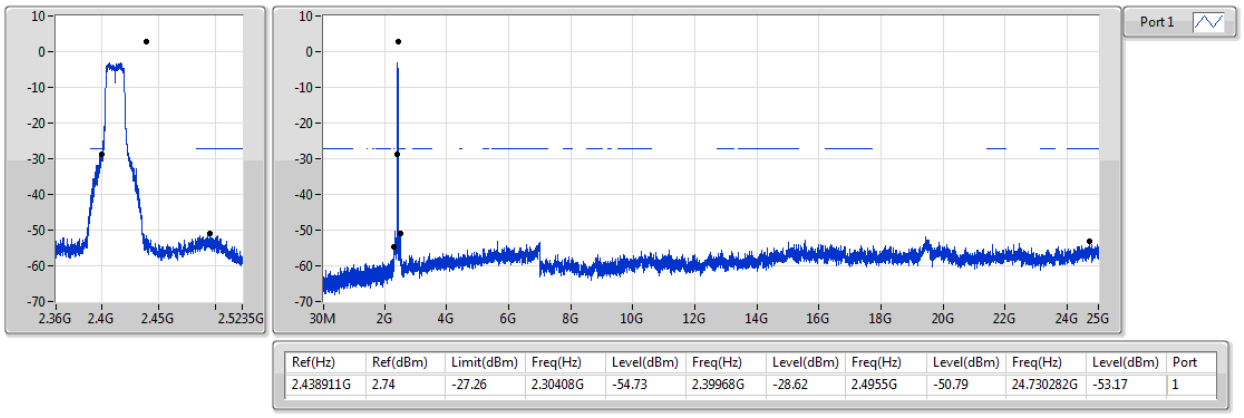
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.410855G	3.27	-26.73	2.300585G	-58.99	2.3904G	-50.33	2.49054G	-53.31	6.976657G	-53.71	1

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

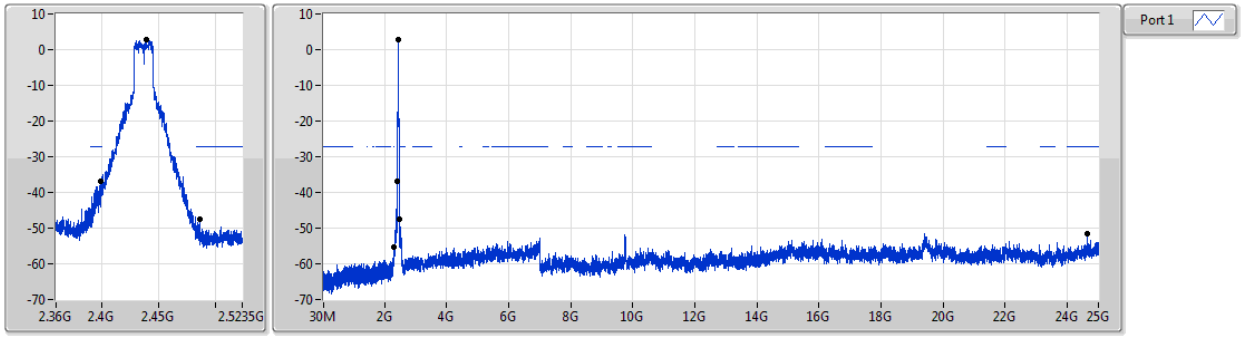
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438911G	2.74	-27.26	2.30408G	-54.73	2.39968G	-28.62	2.4955G	-50.79	24.730282G	-53.17	1

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

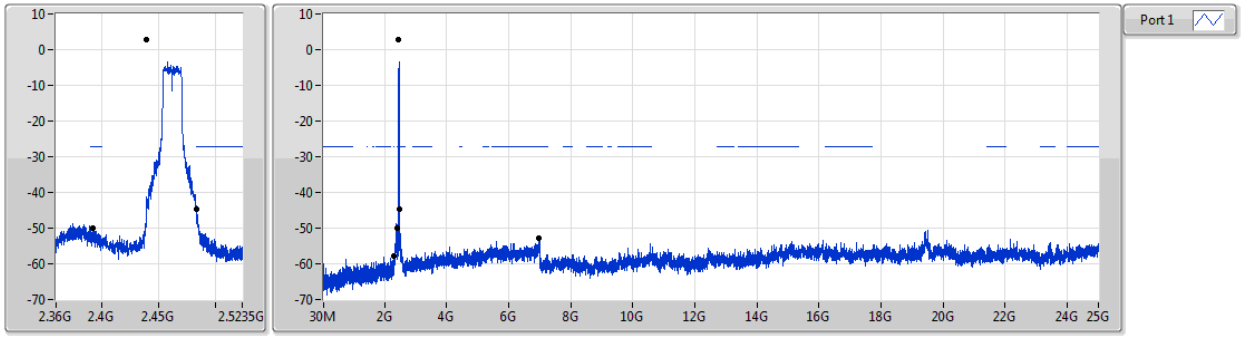
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438911G	2.74	-27.26	2.305245G	-55.42	2.39952G	-36.89	2.48582G	-47.55	24.634757G	-51.70	1

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

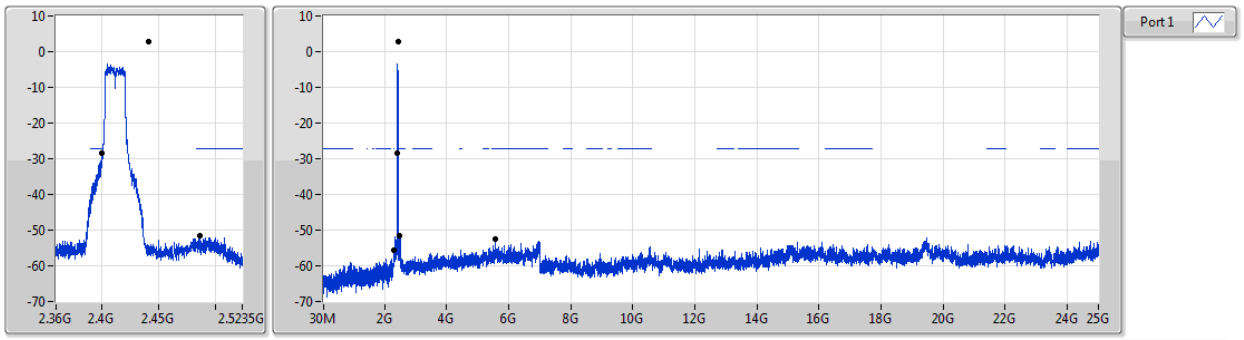
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438911G	2.74	-27.26	2.309905G	-57.89	2.39264G	-49.99	2.48382G	-44.74	6.962609G	-52.67	1

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

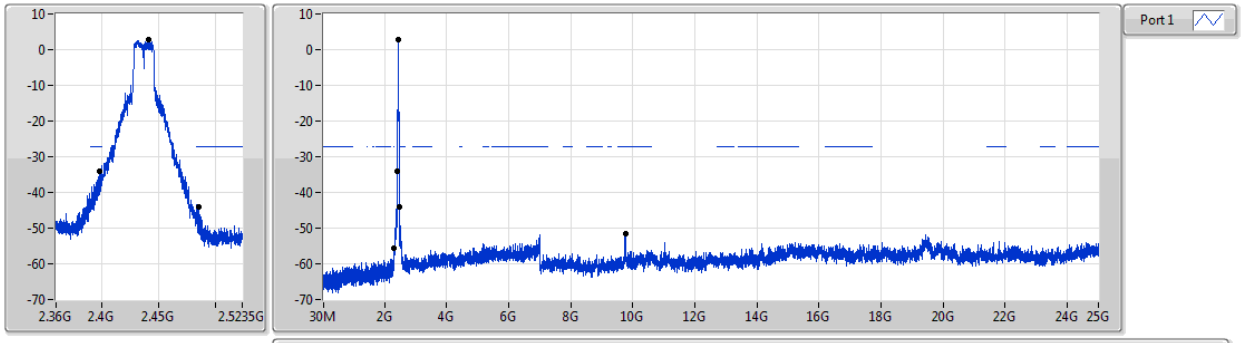
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.441583G	2.68	-27.32	2.30874G	-55.73	2.39976G	-28.29	2.48646G	-51.67	5.577494G	-52.58	1

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

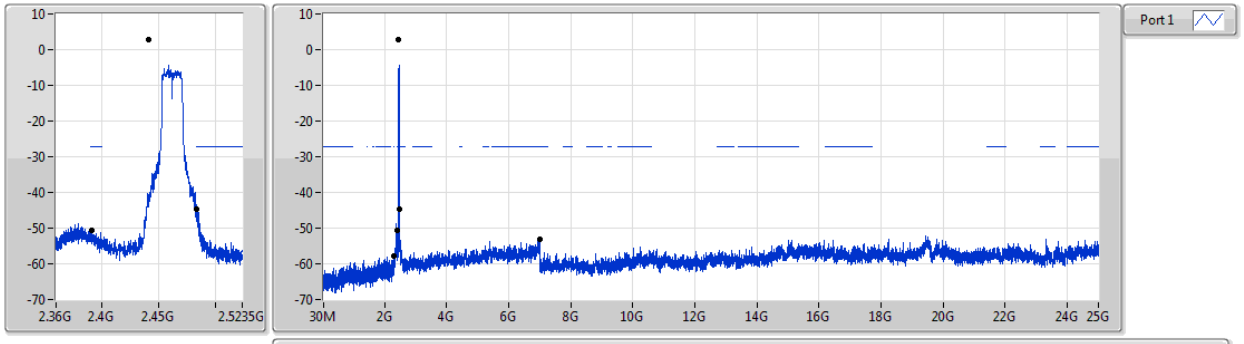
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.441583G	2.68	-27.32	2.300585G	-55.67	2.39832G	-34.13	2.4851G	-44.05	9.749695G	-51.47	1

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

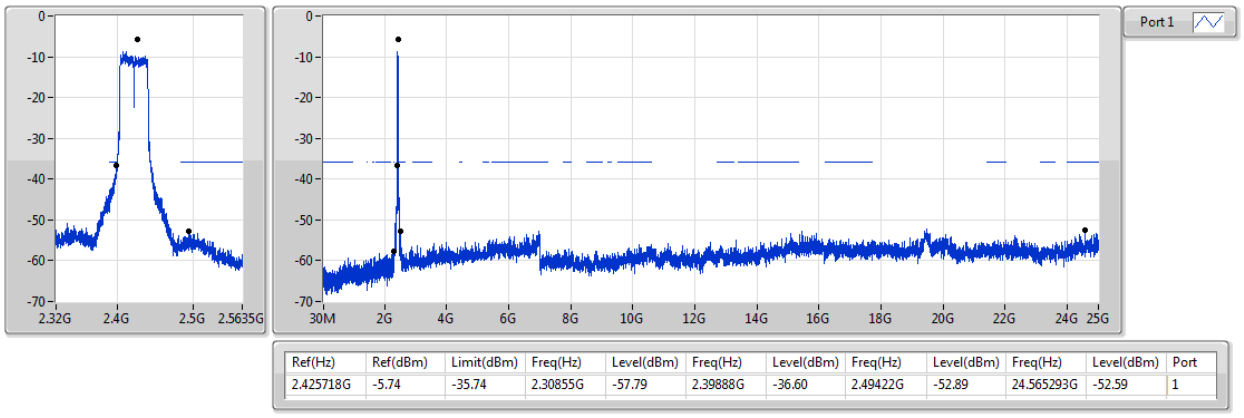
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.441583G	2.68	-27.32	2.30641G	-57.72	2.39144G	-50.76	2.48358G	-44.80	6.985085G	-53.01	1

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

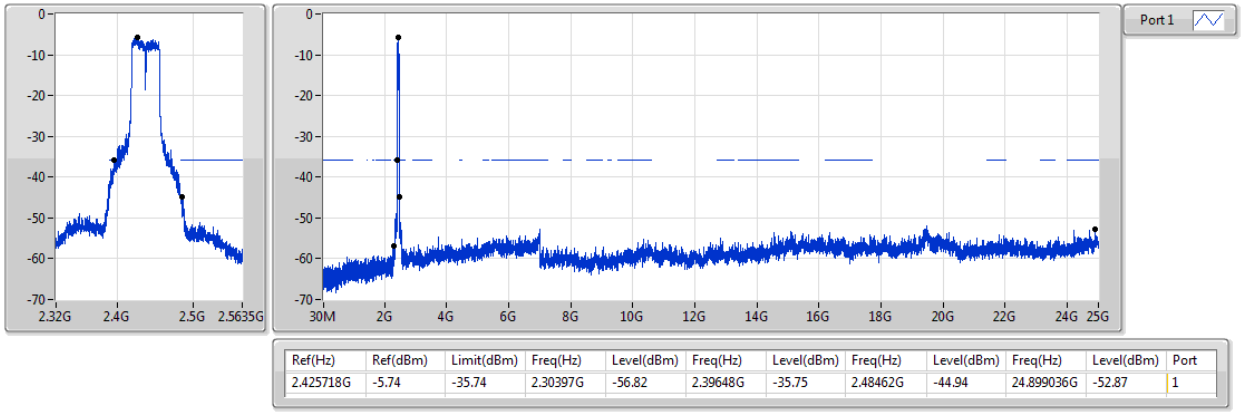
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.425718G	-5.74	-35.74	2.30855G	-57.79	2.39888G	-36.60	2.49422G	-52.89	24.565293G	-52.59	1

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

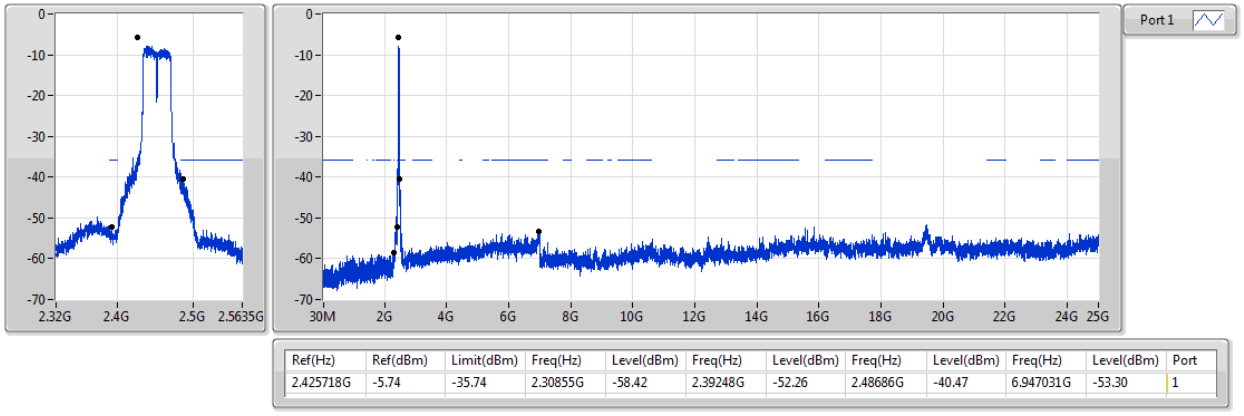
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.425718G	-5.74	-35.74	2.30397G	-56.82	2.39648G	-35.75	2.48462G	-44.94	24.899036G	-52.87	1

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

2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.425718G	-5.74	-35.74	2.30855G	-58.42	2.39248G	-52.26	2.48686G	-40.47	6.947031G	-53.30	1

Summary

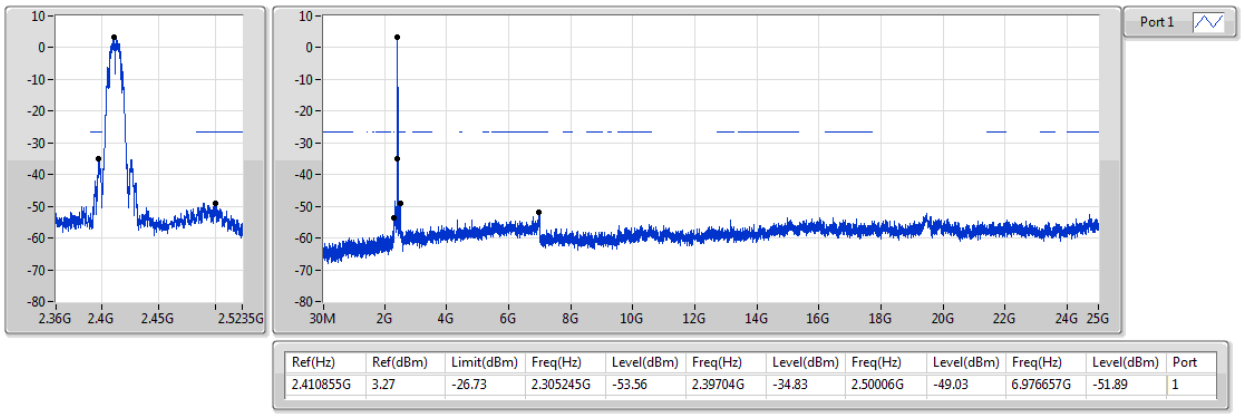
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.410855G	3.27	-26.73	2.305245G	-53.56	2.39704G	-34.83	2.50006G	-49.03	6.976657G	-51.89	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.438911G	2.74	-27.26	2.30408G	-54.73	2.39968G	-28.62	2.4955G	-50.79	24.730282G	-53.17	1
802.11n HT20_Nss1,(MCS0)_1TX	Pass	2.441583G	2.68	-27.32	2.30874G	-55.73	2.39976G	-28.29	2.48646G	-51.67	5.577494G	-52.58	1
802.11n HT40_Nss1,(MCS0)_1TX	Pass	2.425718G	-5.74	-35.74	2.30397G	-56.82	2.39648G	-35.75	2.48462G	-44.94	24.899036G	-52.87	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.410855G	3.27	-26.73	2.305245G	-53.56	2.39704G	-34.83	2.50006G	-49.03	6.976657G	-51.89	1
2437MHz_TnomVnom	Pass	2.410855G	3.27	-26.73	2.309905G	-56.30	2.39928G	-50.50	2.51502G	-50.21	2.5235G	-51.51	1
2462MHz_TnomVnom	Pass	2.410855G	3.27	-26.73	2.300585G	-58.99	2.3904G	-50.33	2.49054G	-53.31	6.976657G	-53.71	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.438911G	2.74	-27.26	2.30408G	-54.73	2.39968G	-28.62	2.4955G	-50.79	24.730282G	-53.17	1
2437MHz_TnomVnom	Pass	2.438911G	2.74	-27.26	2.305245G	-55.42	2.39952G	-36.89	2.48582G	-47.55	24.634757G	-51.70	1
2462MHz_TnomVnom	Pass	2.438911G	2.74	-27.26	2.309905G	-57.89	2.39264G	-49.99	2.48382G	-44.74	6.962609G	-52.67	1
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.441583G	2.68	-27.32	2.30874G	-55.73	2.39976G	-28.29	2.48646G	-51.67	5.577494G	-52.58	1
2437MHz_TnomVnom	Pass	2.441583G	2.68	-27.32	2.300585G	-55.67	2.39832G	-34.13	2.4851G	-44.05	9.749695G	-51.47	1
2462MHz_TnomVnom	Pass	2.441583G	2.68	-27.32	2.30641G	-57.72	2.39144G	-50.76	2.48358G	-44.80	6.985085G	-53.01	1
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.425718G	-5.74	-35.74	2.30855G	-57.79	2.39888G	-36.60	2.49422G	-52.89	24.565293G	-52.59	1
2437MHz_TnomVnom	Pass	2.425718G	-5.74	-35.74	2.30397G	-56.82	2.39648G	-35.75	2.48462G	-44.94	24.899036G	-52.87	1
2452MHz_TnomVnom	Pass	2.425718G	-5.74	-35.74	2.30855G	-58.42	2.39248G	-52.26	2.48686G	-40.47	6.947031G	-53.30	1

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

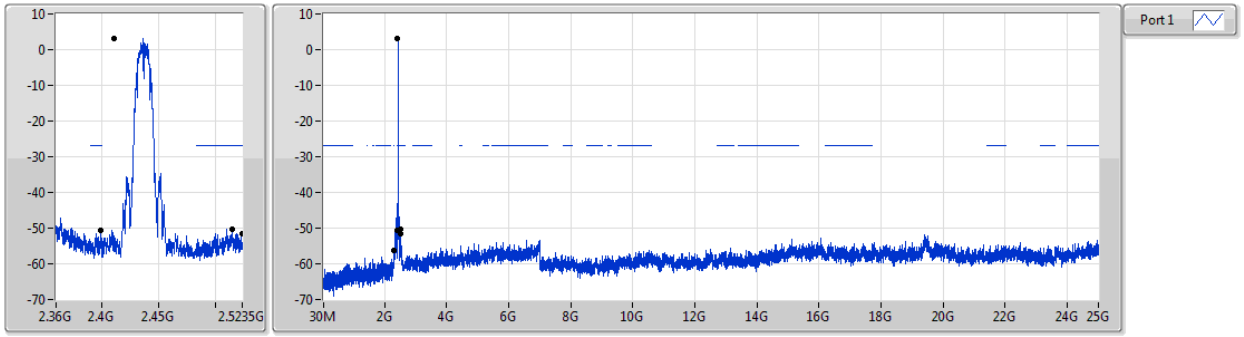
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.410855G	3.27	-26.73	2.305245G	-53.56	2.39704G	-34.83	2.50006G	-49.03	6.976657G	-51.89	1

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

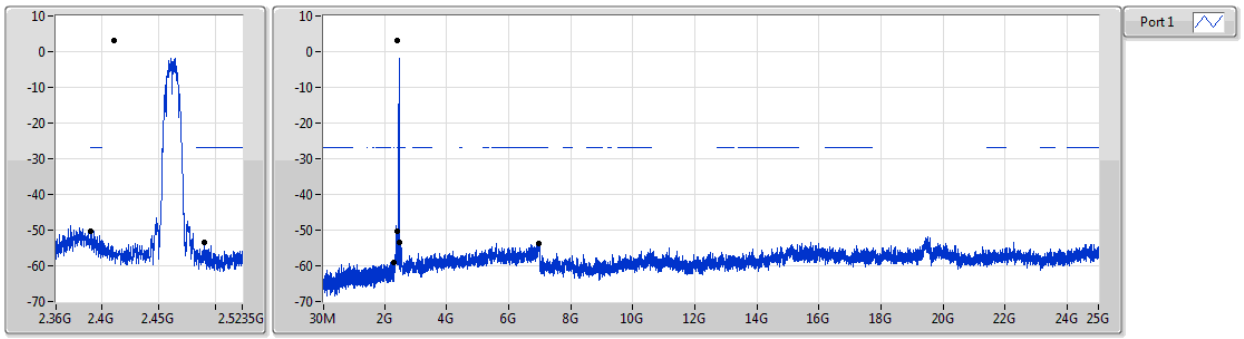
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.410855G	3.27	-26.73	2.309905G	-56.30	2.39928G	-50.50	2.51502G	-50.21	2.5235G	-51.51	1

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

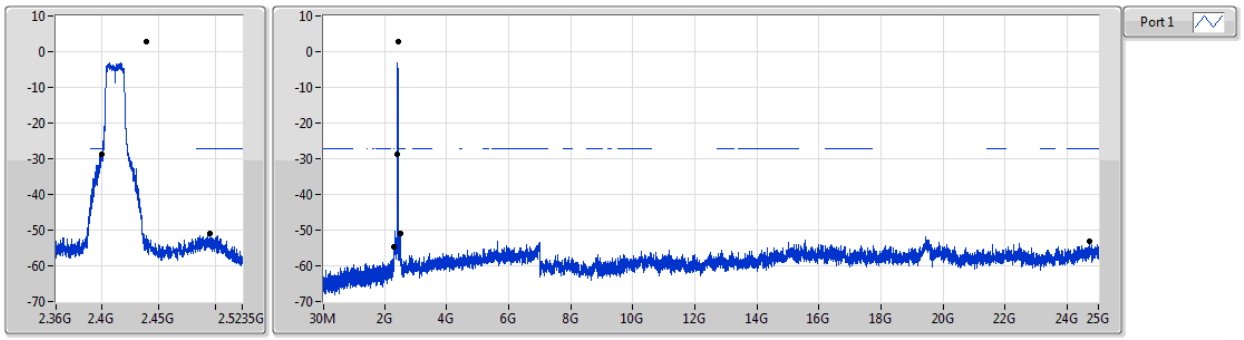
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.410855G	3.27	-26.73	2.300585G	-58.99	2.3904G	-50.33	2.49054G	-53.31	6.976657G	-53.71	1

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

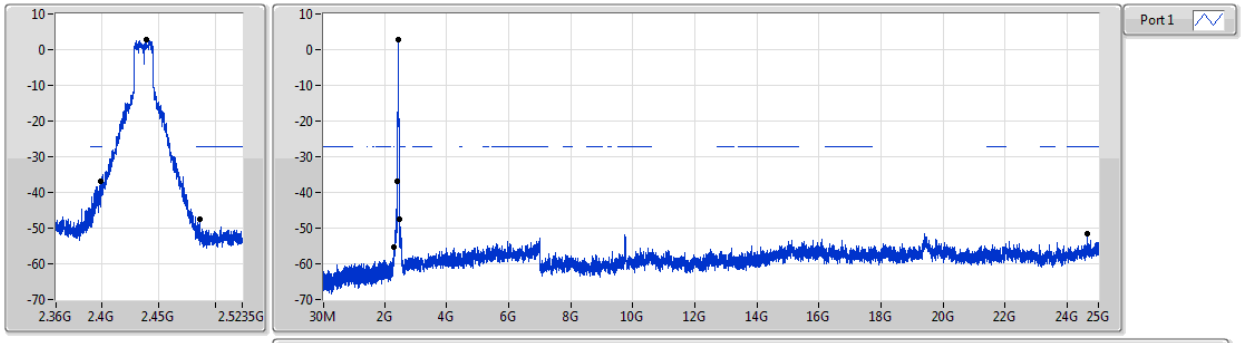
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438911G	2.74	-27.26	2.30408G	-54.73	2.39968G	-28.62	2.4955G	-50.79	24.730282G	-53.17	1

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

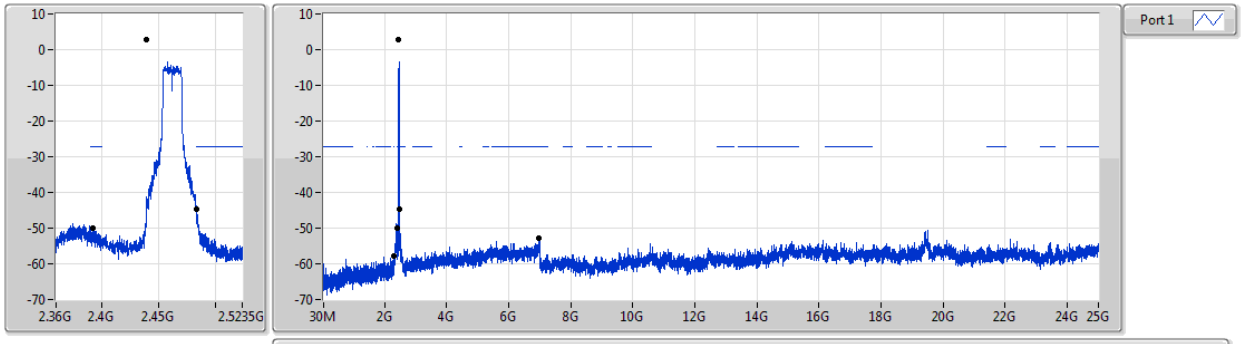
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438911G	2.74	-27.26	2.305245G	-55.42	2.39952G	-36.89	2.48582G	-47.55	24.634757G	-51.70	1

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

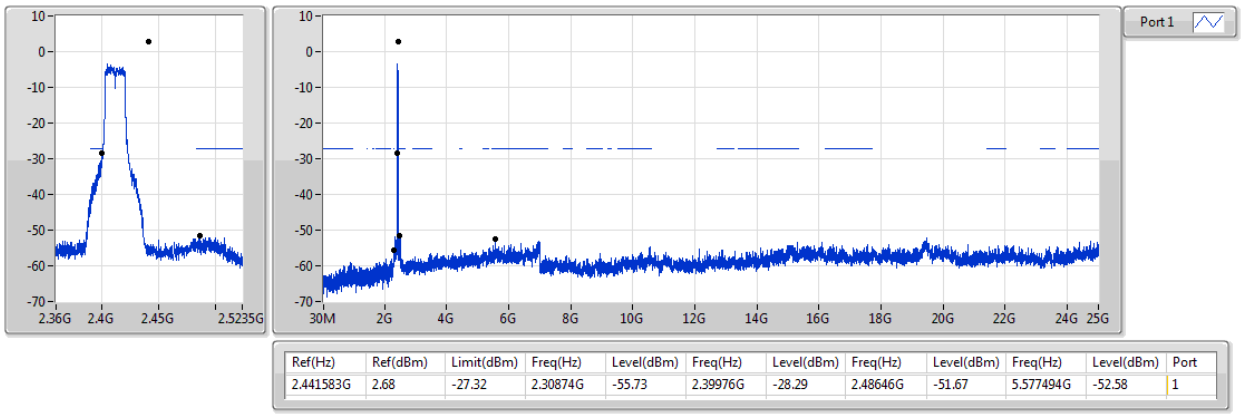
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438911G	2.74	-27.26	2.309905G	-57.89	2.39264G	-49.99	2.48382G	-44.74	6.962609G	-52.67	1

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

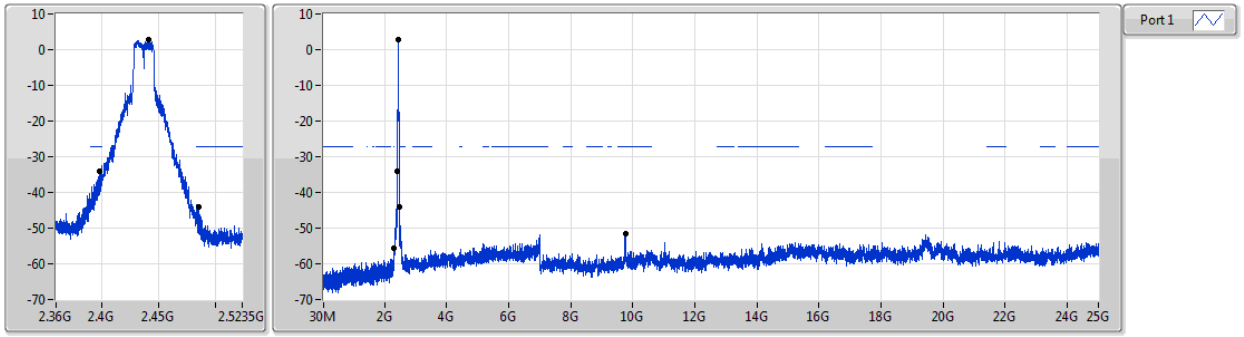
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.441583G	2.68	-27.32	2.30874G	-55.73	2.39976G	-28.29	2.48646G	-51.67	5.577494G	-52.58	1

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

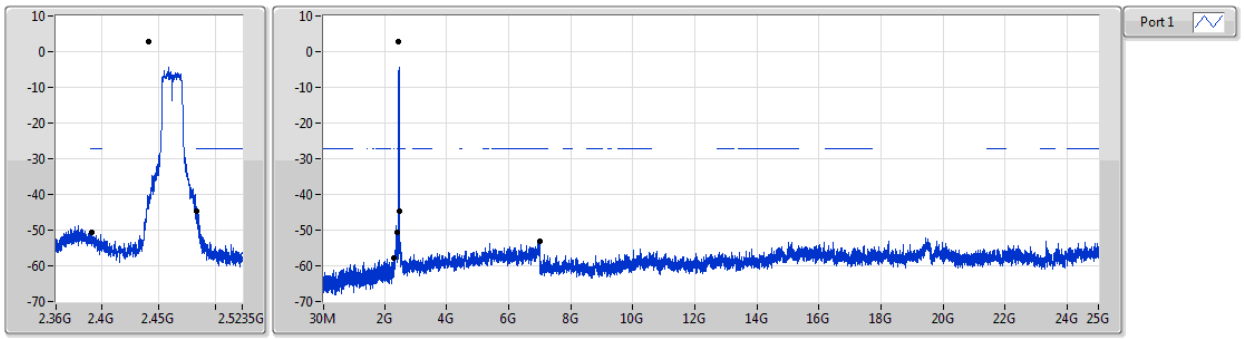
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.441583G	2.68	-27.32	2.300585G	-55.67	2.39832G	-34.13	2.4851G	-44.05	9.749695G	-51.47	1

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

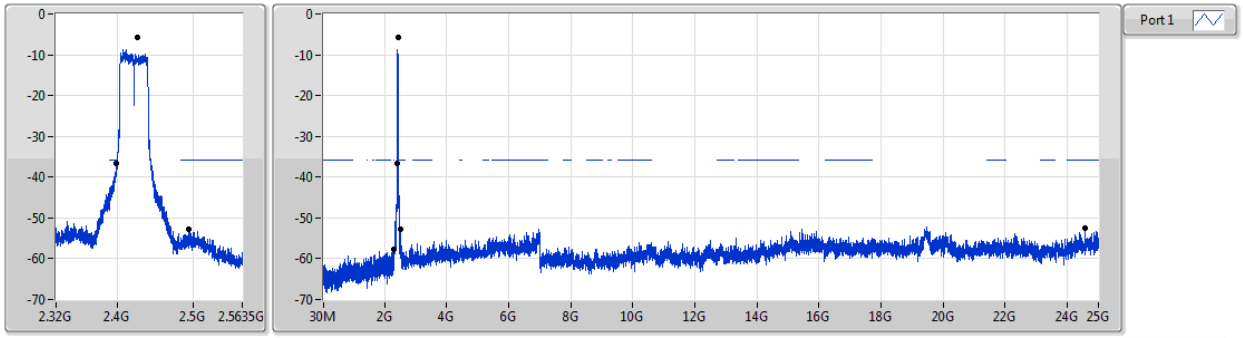
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.441583G	2.68	-27.32	2.30641G	-57.72	2.39144G	-50.76	2.48358G	-44.80	6.985085G	-53.01	1

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

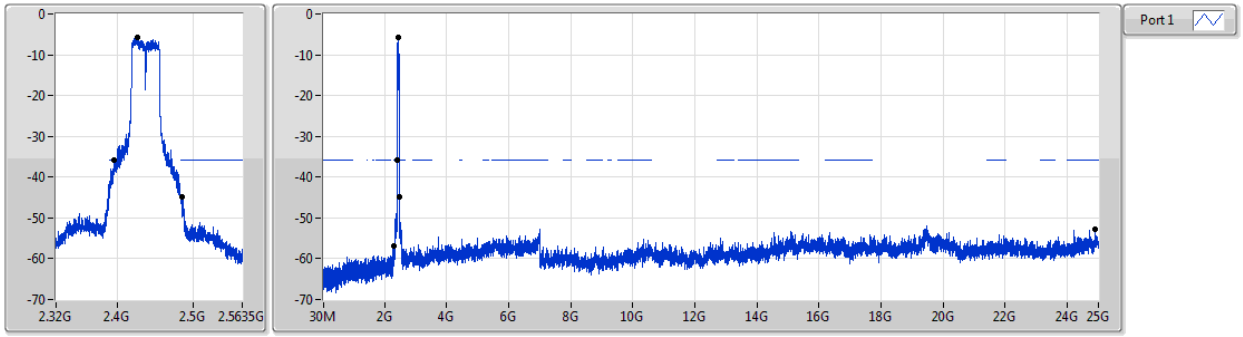
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.425718G	-5.74	-35.74	2.30855G	-57.79	2.39888G	-36.60	2.49422G	-52.89	24.565293G	-52.59	1

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

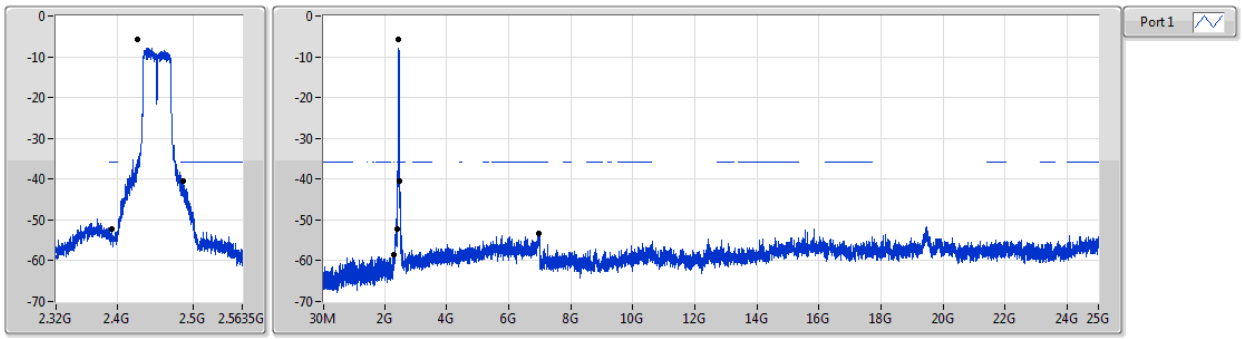
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.425718G	-5.74	-35.74	2.30397G	-56.82	2.39648G	-35.75	2.48462G	-44.94	24.899036G	-52.87	1

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

2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.425718G	-5.74	-35.74	2.30855G	-58.42	2.39248G	-52.26	2.48686G	-40.47	6.947031G	-53.30	1

Summary

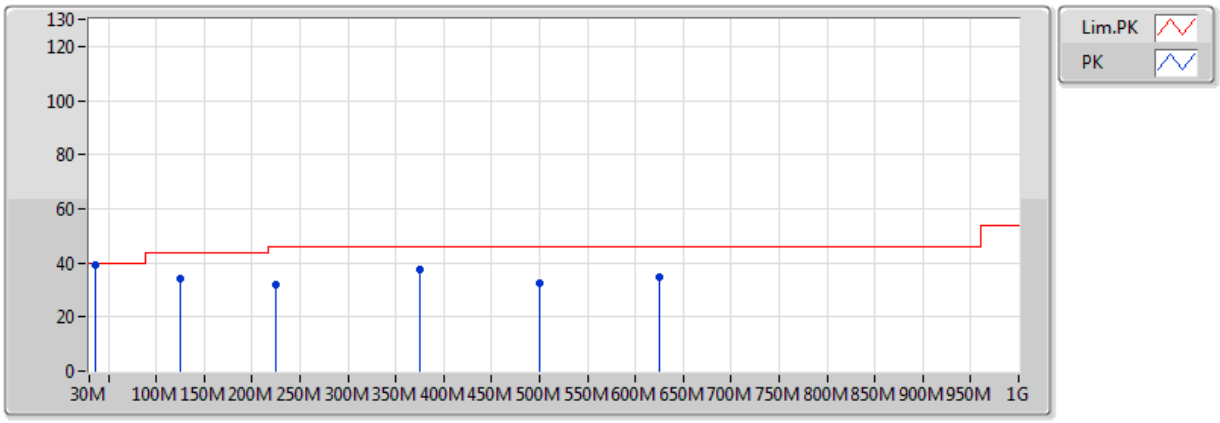
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	QP	35.82M	39.03	40.00	-0.97	-5.85	3	Vertical	218	1.15	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	37.76M	34.77	40.00	-5.23	-6.84	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	189.08M	37.22	43.50	-6.28	-10.56	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	258.92M	33.29	46.00	-12.71	-5.68	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	375.32M	35.75	46.00	-10.25	-4.22	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	499.48M	31.40	46.00	-14.60	-1.74	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	625.58M	32.32	46.00	-13.68	-0.09	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	125.06M	34.40	43.50	-9.10	-7.81	3	Vertical	0	1.00	-
2437MHz	Pass	PK	224M	32.03	46.00	-13.97	-9.57	3	Vertical	0	1.00	-
2437MHz	Pass	PK	375.32M	37.43	46.00	-8.57	-4.22	3	Vertical	0	1.00	-
2437MHz	Pass	PK	499.48M	32.47	46.00	-13.53	-1.74	3	Vertical	0	1.00	-
2437MHz	Pass	PK	625.58M	34.89	46.00	-11.11	-0.09	3	Vertical	0	1.00	-
2437MHz	Pass	QP	35.82M	39.03	40.00	-0.97	-5.85	3	Vertical	218	1.15	-

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_PoE

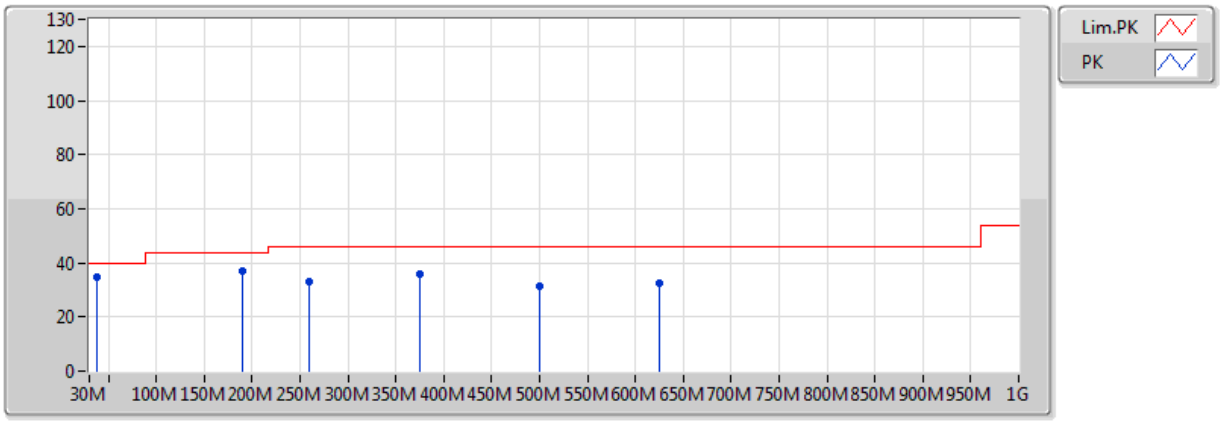


EUT = X

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	125.06M	34.40	43.50	-9.10	-7.81	3	Vertical	0	1.00	-	42.21	17.21	2.24	27.25
PK	224M	32.03	46.00	-13.97	-9.57	3	Vertical	0	1.00	-	41.60	14.74	2.54	26.85
PK	375.32M	37.43	46.00	-8.57	-4.22	3	Vertical	0	1.00	-	41.65	19.90	3.02	27.14
PK	499.48M	32.47	46.00	-13.53	-1.74	3	Vertical	0	1.00	-	34.21	22.55	3.54	27.83
PK	625.58M	34.89	46.00	-11.11	-0.09	3	Vertical	0	1.00	-	34.98	23.94	3.96	27.98
QP	35.82M	39.03	40.00	-0.97	-5.85	3	Vertical	218	1.15	-	44.88	19.92	1.81	27.57

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_PoE



EUT = X

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	37.76M	34.77	40.00	-5.23	-6.84	3	Horizontal	360	1.00	-	41.61	18.89	1.84	27.56
PK	189.08M	37.22	43.50	-6.28	-10.56	3	Horizontal	360	1.00	-	47.78	14.05	2.36	26.96
PK	258.92M	33.29	46.00	-12.71	-5.68	3	Horizontal	360	1.00	-	38.97	18.76	2.33	26.77
PK	375.32M	35.75	46.00	-10.25	-4.22	3	Horizontal	360	1.00	-	39.97	19.90	3.02	27.14
PK	499.48M	31.40	46.00	-14.60	-1.74	3	Horizontal	360	1.00	-	33.14	22.55	3.54	27.83
PK	625.58M	32.32	46.00	-13.68	-0.09	3	Horizontal	360	1.00	-	32.41	23.94	3.96	27.98

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	AV	4.874G	53.85	54.00	-0.15	3.87	3	Horizontal	219	1.06	-
802.11g_Nss1,(6Mbps)_1TX	Pass	AV	2.39G	53.80	54.00	-0.20	32.77	3	Vertical	263	1.33	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	4.8734G	53.86	54.00	-0.14	3.87	3	Horizontal	188	1.02	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	AV	2.4836G	53.67	54.00	-0.33	33.13	3	Vertical	154	2.02	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.386G	47.23	54.00	-6.77	32.76	3	Horizontal	177	2.33	-
2412MHz	Pass	AV	2.4102G	93.50	Inf	-Inf	32.85	3	Horizontal	177	2.33	-
2412MHz	Pass	PK	2.3858G	57.63	74.00	-16.37	32.76	3	Horizontal	177	2.33	-
2412MHz	Pass	PK	2.411G	97.22	Inf	-Inf	32.85	3	Horizontal	177	2.33	-
2412MHz	Pass	AV	2.3862G	52.69	54.00	-1.31	32.76	3	Vertical	259	1.32	-
2412MHz	Pass	AV	2.4102G	99.06	Inf	-Inf	32.85	3	Vertical	259	1.32	-
2412MHz	Pass	PK	2.386G	60.89	74.00	-13.11	32.76	3	Vertical	259	1.32	-
2412MHz	Pass	PK	2.411G	102.73	Inf	-Inf	32.85	3	Vertical	259	1.32	-
2412MHz	Pass	AV	4.824G	53.82	54.00	-0.18	3.71	3	Horizontal	219	1.10	-
2412MHz	Pass	PK	4.824G	56.38	74.00	-17.62	3.71	3	Horizontal	219	1.10	-
2412MHz	Pass	AV	4.82406G	48.35	54.00	-5.65	3.80	3	Vertical	354	1.74	-
2412MHz	Pass	PK	4.82394G	51.94	74.00	-22.06	3.79	3	Vertical	354	1.74	-
2437MHz	Pass	AV	2.3638G	45.35	54.00	-8.65	32.67	3	Horizontal	179	1.45	-
2437MHz	Pass	AV	2.4386G	90.45	Inf	-Inf	32.96	3	Horizontal	179	1.45	-
2437MHz	Pass	AV	2.499998G	45.67	54.00	-8.33	33.19	3	Horizontal	179	1.45	-
2437MHz	Pass	PK	2.3654G	56.66	74.00	-17.34	32.68	3	Horizontal	179	1.45	-
2437MHz	Pass	PK	2.4378G	94.21	Inf	-Inf	32.95	3	Horizontal	179	1.45	-
2437MHz	Pass	PK	2.4934G	56.29	74.00	-17.71	33.16	3	Horizontal	179	1.45	-
2437MHz	Pass	AV	2.359G	46.56	54.00	-7.44	32.65	3	Vertical	156	1.99	-
2437MHz	Pass	AV	2.4386G	97.69	Inf	-Inf	32.96	3	Vertical	156	1.99	-
2437MHz	Pass	AV	2.4994G	46.31	54.00	-7.69	33.19	3	Vertical	156	1.99	-
2437MHz	Pass	PK	2.3522G	57.78	74.00	-16.22	32.63	3	Vertical	156	1.99	-
2437MHz	Pass	PK	2.4378G	101.51	Inf	-Inf	32.95	3	Vertical	156	1.99	-
2437MHz	Pass	PK	2.499G	56.80	74.00	-17.20	33.19	3	Vertical	156	1.99	-
2437MHz	Pass	AV	4.874G	53.85	54.00	-0.15	3.87	3	Horizontal	219	1.06	-
2437MHz	Pass	PK	4.874G	54.92	74.00	-19.08	3.87	3	Horizontal	219	1.06	-
2437MHz	Pass	AV	4.874G	49.65	54.00	-4.35	3.96	3	Vertical	360	1.16	-
2437MHz	Pass	PK	4.87406G	53.19	74.00	-20.81	3.96	3	Vertical	360	1.16	-
2462MHz	Pass	AV	2.4638G	87.36	Inf	-Inf	33.05	3	Horizontal	31	2.26	-
2462MHz	Pass	AV	2.493G	45.23	54.00	-8.77	33.16	3	Horizontal	31	2.26	-
2462MHz	Pass	PK	2.463G	91.14	Inf	-Inf	33.05	3	Horizontal	31	2.26	-
2462MHz	Pass	PK	2.4886G	56.26	74.00	-17.74	33.15	3	Horizontal	31	2.26	-
2462MHz	Pass	AV	2.4638G	93.66	Inf	-Inf	33.05	3	Vertical	260	1.27	-
2462MHz	Pass	AV	2.4888G	45.64	54.00	-8.36	33.15	3	Vertical	260	1.27	-
2462MHz	Pass	PK	2.463G	97.41	Inf	-Inf	33.05	3	Vertical	260	1.27	-
2462MHz	Pass	PK	2.4908G	57.55	74.00	-16.45	33.16	3	Vertical	260	1.27	-
2462MHz	Pass	AV	4.924G	53.50	54.00	-0.50	4.03	3	Horizontal	258	1.01	-
2462MHz	Pass	PK	4.924G	56.37	74.00	-17.63	4.03	3	Horizontal	258	1.01	-
2462MHz	Pass	AV	4.924G	49.10	54.00	-4.90	4.13	3	Vertical	358	1.51	-
2462MHz	Pass	PK	4.92406G	52.99	74.00	-21.01	4.13	3	Vertical	358	1.51	-
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	49.70	54.00	-4.30	32.77	3	Horizontal	178	2.16	-
2412MHz	Pass	AV	2.4054G	85.77	Inf	-Inf	32.83	3	Horizontal	178	2.16	-
2412MHz	Pass	PK	2.39G	66.88	74.00	-7.12	32.77	3	Horizontal	178	2.16	-
2412MHz	Pass	PK	2.4072G	96.01	Inf	-Inf	32.84	3	Horizontal	178	2.16	-
2412MHz	Pass	AV	2.39G	53.80	54.00	-0.20	32.77	3	Vertical	263	1.33	-
2412MHz	Pass	AV	2.4066G	92.31	Inf	-Inf	32.84	3	Vertical	263	1.33	-

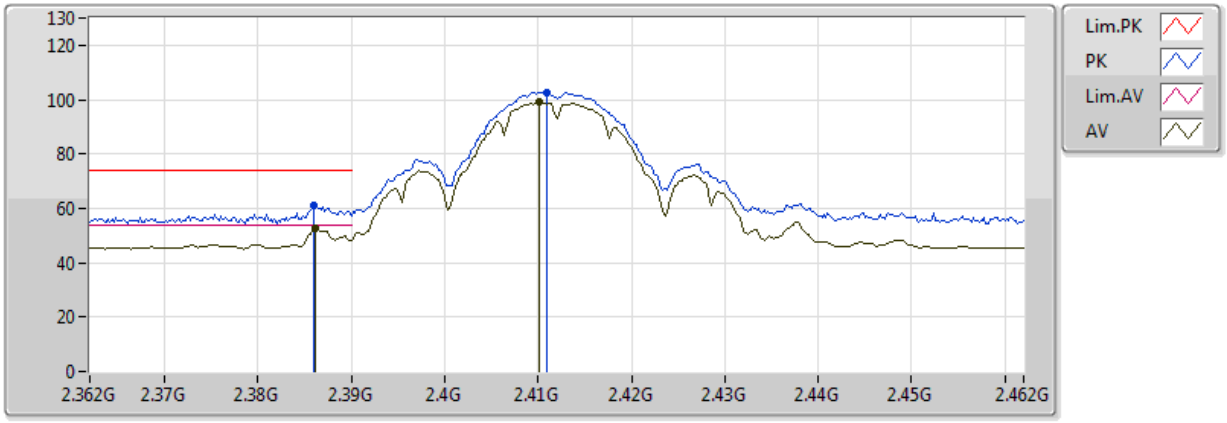
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	PK	2.3894G	69.66	74.00	-4.34	32.77	3	Vertical	263	1.33	-
2412MHz	Pass	PK	2.4072G	102.10	Inf	-Inf	32.84	3	Vertical	263	1.33	-
2412MHz	Pass	AV	4.82484G	41.81	54.00	-12.19	3.72	3	Horizontal	227	1.05	-
2412MHz	Pass	PK	4.82568G	55.58	74.00	-18.42	3.72	3	Horizontal	227	1.05	-
2412MHz	Pass	AV	4.82328G	38.51	54.00	-15.49	3.79	3	Vertical	0	1.73	-
2412MHz	Pass	PK	4.8207G	53.06	74.00	-20.94	3.78	3	Vertical	0	1.73	-
2437MHz	Pass	AV	2.389998G	47.26	54.00	-6.74	32.77	3	Horizontal	179	1.46	-
2437MHz	Pass	AV	2.4378G	90.75	Inf	-Inf	32.95	3	Horizontal	179	1.46	-
2437MHz	Pass	AV	2.483502G	47.41	54.00	-6.59	33.13	3	Horizontal	179	1.46	-
2437MHz	Pass	PK	2.3886G	61.30	74.00	-12.70	32.77	3	Horizontal	179	1.46	-
2437MHz	Pass	PK	2.4414G	100.84	Inf	-Inf	32.97	3	Horizontal	179	1.46	-
2437MHz	Pass	PK	2.4846G	62.27	74.00	-11.73	33.13	3	Horizontal	179	1.46	-
2437MHz	Pass	AV	2.389998G	52.10	54.00	-1.90	32.77	3	Vertical	129	1.24	-
2437MHz	Pass	AV	2.4334G	97.04	Inf	-Inf	32.94	3	Vertical	129	1.24	-
2437MHz	Pass	AV	2.483502G	50.42	54.00	-3.58	33.13	3	Vertical	129	1.24	-
2437MHz	Pass	PK	2.3886G	70.48	74.00	-3.52	32.77	3	Vertical	129	1.24	-
2437MHz	Pass	PK	2.4346G	107.06	Inf	-Inf	32.94	3	Vertical	129	1.24	-
2437MHz	Pass	PK	2.4842G	69.44	74.00	-4.56	33.13	3	Vertical	129	1.24	-
2437MHz	Pass	AV	4.87388G	53.13	54.00	-0.87	3.87	3	Horizontal	215	1.01	-
2437MHz	Pass	PK	4.8743G	68.30	74.00	-5.70	3.87	3	Horizontal	215	1.01	-
2437MHz	Pass	AV	4.87352G	47.78	54.00	-6.22	3.96	3	Vertical	326	1.50	-
2437MHz	Pass	PK	4.87508G	61.82	74.00	-12.18	3.97	3	Vertical	326	1.50	-
2462MHz	Pass	AV	2.4684G	85.41	Inf	-Inf	33.07	3	Horizontal	177	1.97	-
2462MHz	Pass	AV	2.483502G	49.23	54.00	-4.77	33.13	3	Horizontal	177	1.97	-
2462MHz	Pass	PK	2.466G	95.90	Inf	-Inf	33.06	3	Horizontal	177	1.97	-
2462MHz	Pass	PK	2.484G	64.90	74.00	-9.10	33.13	3	Horizontal	177	1.97	-
2462MHz	Pass	AV	2.465G	91.10	Inf	-Inf	33.06	3	Vertical	259	1.27	-
2462MHz	Pass	AV	2.483502G	53.14	54.00	-0.86	33.13	3	Vertical	259	1.27	-
2462MHz	Pass	PK	2.467G	100.62	Inf	-Inf	33.06	3	Vertical	259	1.27	-
2462MHz	Pass	PK	2.4842G	69.20	74.00	-4.80	33.13	3	Vertical	259	1.27	-
2462MHz	Pass	AV	4.92364G	43.94	54.00	-10.06	4.03	3	Horizontal	226	1.35	-
2462MHz	Pass	PK	4.92238G	58.03	74.00	-15.97	4.02	3	Horizontal	226	1.35	-
2462MHz	Pass	AV	4.92292G	41.18	54.00	-12.82	4.13	3	Vertical	0	1.05	-
2462MHz	Pass	PK	4.92412G	54.30	74.00	-19.70	4.13	3	Vertical	0	1.05	-
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	48.88	54.00	-5.12	32.77	3	Horizontal	177	2.13	-
2412MHz	Pass	AV	2.4062G	84.44	Inf	-Inf	32.83	3	Horizontal	177	2.13	-
2412MHz	Pass	PK	2.3888G	66.63	74.00	-7.37	32.77	3	Horizontal	177	2.13	-
2412MHz	Pass	PK	2.41G	94.38	Inf	-Inf	32.85	3	Horizontal	177	2.13	-
2412MHz	Pass	AV	2.39G	53.13	54.00	-0.87	32.77	3	Vertical	150	2.00	-
2412MHz	Pass	AV	2.4084G	90.91	Inf	-Inf	32.84	3	Vertical	150	2.00	-
2412MHz	Pass	PK	2.39G	70.56	74.00	-3.44	32.77	3	Vertical	150	2.00	-
2412MHz	Pass	PK	2.4058G	100.69	Inf	-Inf	32.83	3	Vertical	150	2.00	-
2412MHz	Pass	AV	4.8246G	39.16	54.00	-14.84	3.72	3	Horizontal	246	1.91	-
2412MHz	Pass	PK	4.82346G	53.32	74.00	-20.68	3.71	3	Horizontal	246	1.91	-
2412MHz	Pass	AV	4.82376G	36.16	54.00	-17.84	3.79	3	Vertical	256	1.96	-
2412MHz	Pass	PK	4.82328G	49.50	74.00	-24.50	3.79	3	Vertical	256	1.96	-
2437MHz	Pass	AV	2.389998G	48.17	54.00	-5.83	32.77	3	Horizontal	180	1.54	-
2437MHz	Pass	AV	2.4318G	90.46	Inf	-Inf	32.93	3	Horizontal	180	1.54	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	AV	2.483502G	48.21	54.00	-5.79	33.13	3	Horizontal	180	1.54	-
2437MHz	Pass	PK	2.3846G	62.52	74.00	-11.48	32.75	3	Horizontal	180	1.54	-
2437MHz	Pass	PK	2.4322G	100.56	Inf	-Inf	32.93	3	Horizontal	180	1.54	-
2437MHz	Pass	PK	2.483502G	63.31	74.00	-10.69	33.13	3	Horizontal	180	1.54	-
2437MHz	Pass	AV	2.389G	52.43	54.00	-1.57	32.77	3	Vertical	132	1.24	-
2437MHz	Pass	AV	2.4322G	96.75	Inf	-Inf	32.93	3	Vertical	132	1.24	-
2437MHz	Pass	AV	2.483502G	51.14	54.00	-2.86	33.13	3	Vertical	132	1.24	-
2437MHz	Pass	PK	2.3886G	69.35	74.00	-4.65	32.77	3	Vertical	132	1.24	-
2437MHz	Pass	PK	2.4302G	107.33	Inf	-Inf	32.92	3	Vertical	132	1.24	-
2437MHz	Pass	PK	2.483502G	68.99	74.00	-5.01	33.13	3	Vertical	132	1.24	-
2437MHz	Pass	AV	4.8734G	53.86	54.00	-0.14	3.87	3	Horizontal	188	1.02	-
2437MHz	Pass	PK	4.87316G	67.62	74.00	-6.38	3.87	3	Horizontal	188	1.02	-
2437MHz	Pass	AV	4.87226G	48.32	54.00	-5.68	3.96	3	Vertical	327	1.50	-
2437MHz	Pass	PK	4.87352G	62.75	74.00	-11.25	3.96	3	Vertical	327	1.50	-
2462MHz	Pass	AV	2.4688G	84.36	Inf	-Inf	33.07	3	Horizontal	177	1.97	-
2462MHz	Pass	AV	2.483502G	50.37	54.00	-3.63	33.13	3	Horizontal	177	1.97	-
2462MHz	Pass	PK	2.4672G	94.28	Inf	-Inf	33.07	3	Horizontal	177	1.97	-
2462MHz	Pass	PK	2.483502G	64.25	74.00	-9.75	33.13	3	Horizontal	177	1.97	-
2462MHz	Pass	AV	2.4662G	91.56	Inf	-Inf	33.06	3	Vertical	256	1.04	-
2462MHz	Pass	AV	2.4836G	53.50	54.00	-0.50	33.13	3	Vertical	256	1.04	-
2462MHz	Pass	PK	2.4652G	100.93	Inf	-Inf	33.06	3	Vertical	256	1.04	-
2462MHz	Pass	PK	2.4838G	71.64	74.00	-2.36	33.13	3	Vertical	256	1.04	-
2462MHz	Pass	AV	4.92376G	42.51	54.00	-11.49	4.03	3	Horizontal	219	1.11	-
2462MHz	Pass	PK	4.92898G	56.30	74.00	-17.70	4.04	3	Horizontal	219	1.11	-
2462MHz	Pass	AV	4.92298G	39.51	54.00	-14.49	4.13	3	Vertical	0	1.05	-
2462MHz	Pass	PK	4.92412G	52.63	74.00	-21.37	4.13	3	Vertical	0	1.05	-
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	48.09	54.00	-5.91	32.77	3	Horizontal	180	1.32	-
2422MHz	Pass	AV	2.4096G	79.22	Inf	-Inf	32.85	3	Horizontal	180	1.32	-
2422MHz	Pass	AV	2.5G	45.70	54.00	-8.30	33.19	3	Horizontal	180	1.32	-
2422MHz	Pass	PK	2.3872G	62.96	74.00	-11.04	32.76	3	Horizontal	180	1.32	-
2422MHz	Pass	PK	2.4064G	89.39	Inf	-Inf	32.83	3	Horizontal	180	1.32	-
2422MHz	Pass	PK	2.4948G	56.25	74.00	-17.75	33.17	3	Horizontal	180	1.32	-
2422MHz	Pass	AV	2.3896G	53.53	54.00	-0.47	32.77	3	Vertical	152	1.70	-
2422MHz	Pass	AV	2.4336G	85.89	Inf	-Inf	32.94	3	Vertical	152	1.70	-
2422MHz	Pass	AV	2.49G	45.99	54.00	-8.01	33.15	3	Vertical	152	1.70	-
2422MHz	Pass	PK	2.3868G	70.68	74.00	-3.32	32.76	3	Vertical	152	1.70	-
2422MHz	Pass	PK	2.4336G	95.67	Inf	-Inf	32.94	3	Vertical	152	1.70	-
2422MHz	Pass	PK	2.4916G	57.68	74.00	-16.32	33.16	3	Vertical	152	1.70	-
2422MHz	Pass	AV	4.8455G	35.24	54.00	-18.76	3.78	3	Horizontal	283	1.92	-
2422MHz	Pass	PK	4.85546G	48.54	74.00	-25.46	3.81	3	Horizontal	283	1.92	-
2422MHz	Pass	AV	4.85042G	34.01	54.00	-19.99	3.88	3	Vertical	227	1.26	-
2422MHz	Pass	PK	4.8551G	47.64	74.00	-26.36	3.90	3	Vertical	227	1.26	-
2437MHz	Pass	AV	2.389998G	49.37	54.00	-4.63	32.77	3	Horizontal	180	1.55	-
2437MHz	Pass	AV	2.425G	82.72	Inf	-Inf	32.91	3	Horizontal	180	1.55	-
2437MHz	Pass	AV	2.483502G	48.54	54.00	-5.46	33.13	3	Horizontal	180	1.55	-
2437MHz	Pass	PK	2.3882G	62.74	74.00	-11.26	32.77	3	Horizontal	180	1.55	-
2437MHz	Pass	PK	2.4318G	92.80	Inf	-Inf	32.93	3	Horizontal	180	1.55	-
2437MHz	Pass	PK	2.4842G	62.54	74.00	-11.46	33.13	3	Horizontal	180	1.55	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	AV	2.389998G	53.40	54.00	-0.60	32.77	3	Vertical	132	1.24	-
2437MHz	Pass	AV	2.429G	88.52	Inf	-Inf	32.92	3	Vertical	132	1.24	-
2437MHz	Pass	AV	2.483502G	52.05	54.00	-1.95	33.13	3	Vertical	132	1.24	-
2437MHz	Pass	PK	2.389998G	70.21	74.00	-3.79	32.77	3	Vertical	132	1.24	-
2437MHz	Pass	PK	2.4318G	99.11	Inf	-Inf	32.93	3	Vertical	132	1.24	-
2437MHz	Pass	PK	2.4858G	67.46	74.00	-6.54	33.14	3	Vertical	132	1.24	-
2437MHz	Pass	AV	4.87316G	41.36	54.00	-12.64	3.87	3	Horizontal	245	1.99	-
2437MHz	Pass	PK	4.87622G	55.48	74.00	-18.52	3.88	3	Horizontal	245	1.99	-
2437MHz	Pass	AV	4.87442G	37.93	54.00	-16.07	3.97	3	Vertical	6	1.03	-
2437MHz	Pass	PK	4.87262G	51.30	74.00	-22.70	3.96	3	Vertical	6	1.03	-
2452MHz	Pass	AV	2.368G	45.45	54.00	-8.55	32.69	3	Horizontal	179	1.45	-
2452MHz	Pass	AV	2.4396G	80.62	Inf	-Inf	32.96	3	Horizontal	179	1.45	-
2452MHz	Pass	AV	2.4836G	49.49	54.00	-4.51	33.13	3	Horizontal	179	1.45	-
2452MHz	Pass	PK	2.3796G	56.55	74.00	-17.45	32.73	3	Horizontal	179	1.45	-
2452MHz	Pass	PK	2.438G	90.80	Inf	-Inf	32.95	3	Horizontal	179	1.45	-
2452MHz	Pass	PK	2.4876G	64.32	74.00	-9.68	33.14	3	Horizontal	179	1.45	-
2452MHz	Pass	AV	2.3788G	46.08	54.00	-7.92	32.73	3	Vertical	154	2.02	-
2452MHz	Pass	AV	2.4392G	86.89	Inf	-Inf	32.96	3	Vertical	154	2.02	-
2452MHz	Pass	AV	2.4836G	53.67	54.00	-0.33	33.13	3	Vertical	154	2.02	-
2452MHz	Pass	PK	2.39G	58.46	74.00	-15.54	32.77	3	Vertical	154	2.02	-
2452MHz	Pass	PK	2.4376G	97.06	Inf	-Inf	32.95	3	Vertical	154	2.02	-
2452MHz	Pass	PK	2.4868G	70.79	74.00	-3.21	33.14	3	Vertical	154	2.02	-
2452MHz	Pass	AV	4.90496G	37.71	54.00	-16.29	3.97	3	Horizontal	219	1.16	-
2452MHz	Pass	PK	4.90082G	47.21	74.00	-26.79	3.95	3	Horizontal	219	1.16	-
2452MHz	Pass	AV	4.90598G	35.81	54.00	-18.19	4.07	3	Vertical	351	1.50	-
2452MHz	Pass	PK	4.90466G	49.51	74.00	-24.49	4.07	3	Vertical	351	1.50	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

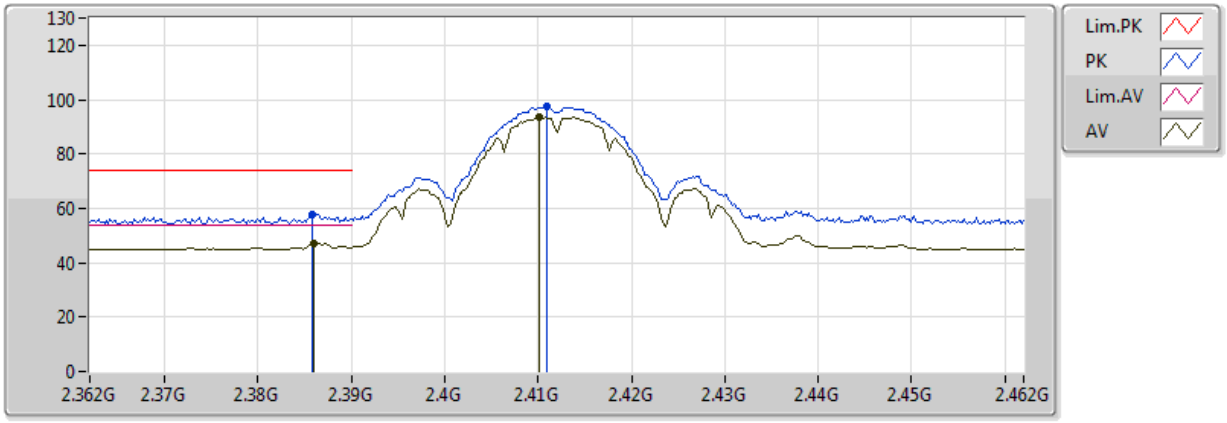


EUT = X

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	2.3862G	52.69	54.00	-1.31	32.76	3	Vertical	259	1.32	-	19.93	27.20	5.55	-
AV	2.4102G	99.06	Inf	-Inf	32.85	3	Vertical	259	1.32	-	66.21	27.27	5.58	-
PK	2.386G	60.89	74.00	-13.11	32.76	3	Vertical	259	1.32	-	28.13	27.20	5.55	-
PK	2.411G	102.73	Inf	-Inf	32.85	3	Vertical	259	1.32	-	69.88	27.27	5.58	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

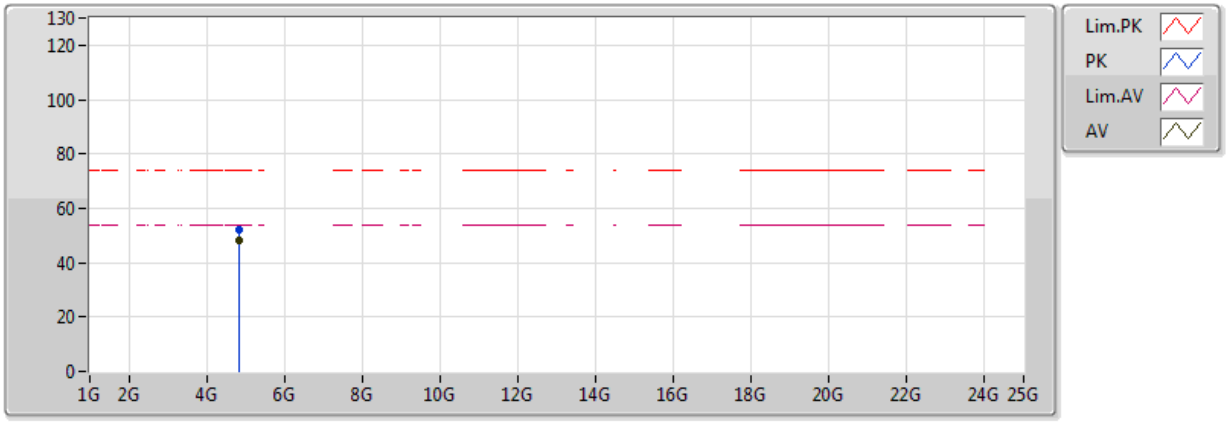


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.386G	47.23	54.00	-6.77	32.76	3	Horizontal	177	2.33	-	14.47	27.20	5.55	-
AV	2.4102G	93.50	Inf	-Inf	32.85	3	Horizontal	177	2.33	-	60.65	27.27	5.58	-
PK	2.3858G	57.63	74.00	-16.37	32.76	3	Horizontal	177	2.33	-	24.88	27.20	5.55	-
PK	2.411G	97.22	Inf	-Inf	32.85	3	Horizontal	177	2.33	-	64.37	27.27	5.58	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

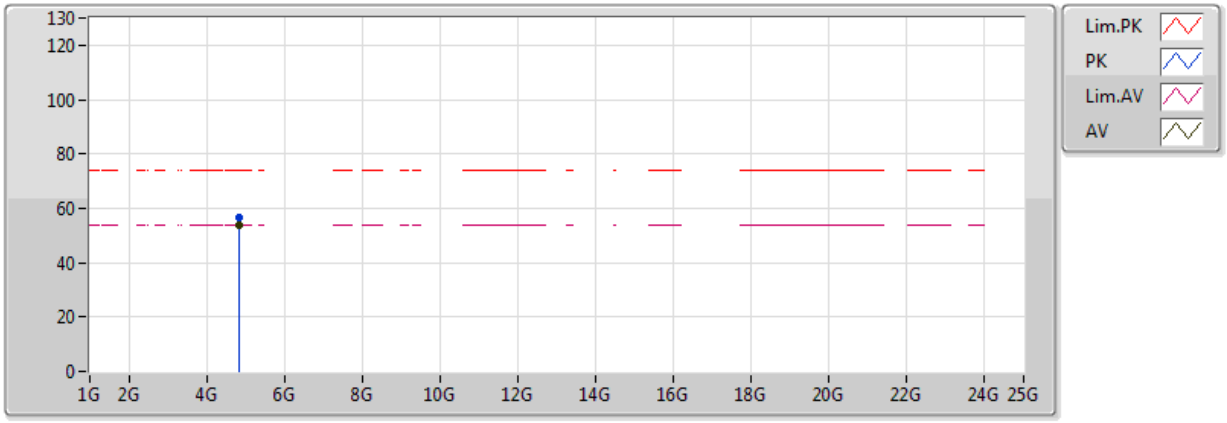


EUT = X

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	4.82406G	48.35	54.00	-5.65	3.80	3	Vertical	354	1.74	-	44.55	31.22	7.45	34.87
PK	4.82394G	51.94	74.00	-22.06	3.79	3	Vertical	354	1.74	-	48.14	31.22	7.45	34.87

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

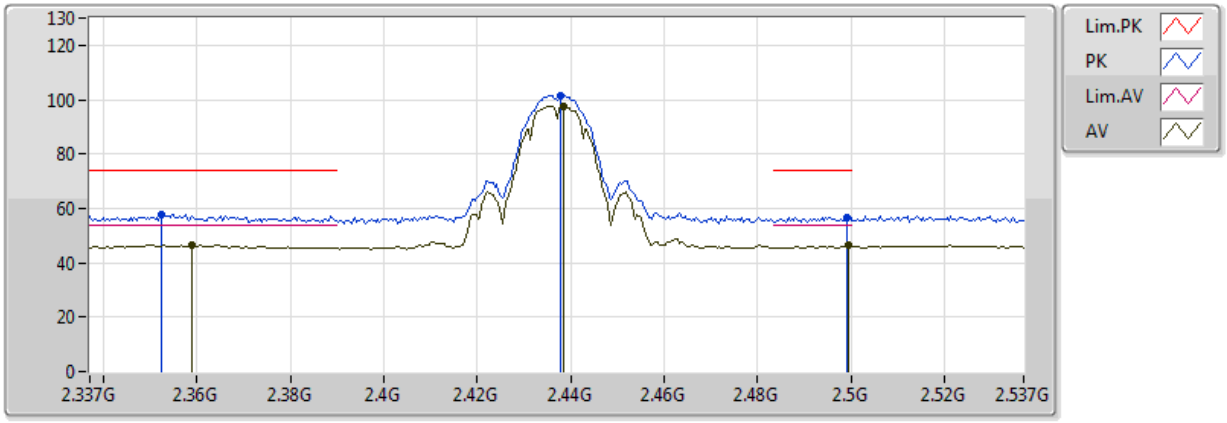


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.824G	53.82	54.00	-0.18	3.71	3	Horizontal	219	1.10	-	50.10	31.22	7.37	34.87
PK	4.824G	56.38	74.00	-17.62	3.71	3	Horizontal	219	1.10	-	52.67	31.22	7.37	34.87

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

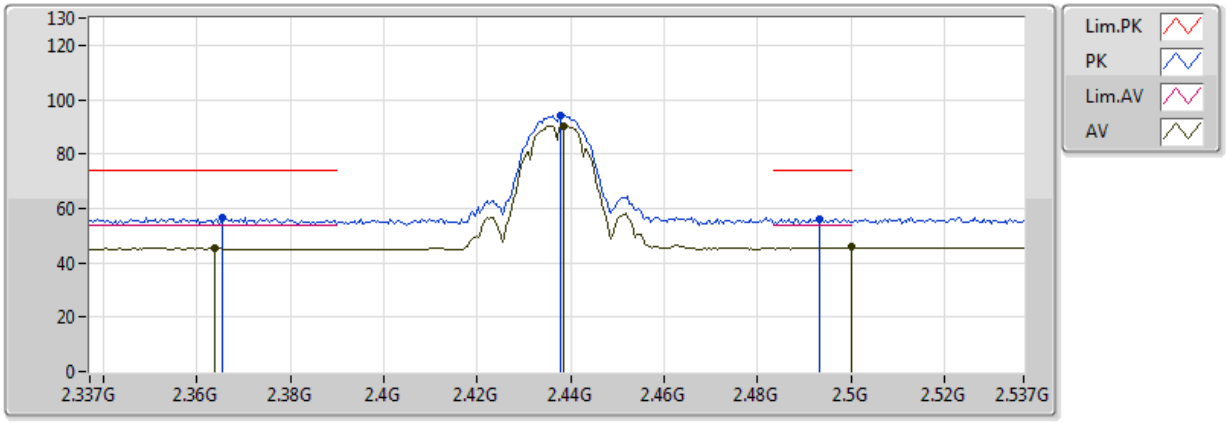


EUT = X

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	2.359G	46.56	54.00	-7.44	32.65	3	Vertical	156	1.99	-	13.90	27.13	5.52	-
AV	2.4386G	97.69	Inf	-Inf	32.96	3	Vertical	156	1.99	-	64.73	27.34	5.62	-
AV	2.4994G	46.31	54.00	-7.69	33.19	3	Vertical	156	1.99	-	13.13	27.50	5.69	-
PK	2.3522G	57.78	74.00	-16.22	32.63	3	Vertical	156	1.99	-	25.15	27.12	5.51	-
PK	2.4378G	101.51	Inf	-Inf	32.95	3	Vertical	156	1.99	-	68.55	27.34	5.62	-
PK	2.499G	56.80	74.00	-17.20	33.19	3	Vertical	156	1.99	-	23.61	27.50	5.69	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX



EUT = X

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	2.3638G	45.35	54.00	-8.65	32.67	3	Horizontal	179	1.45	-	12.67	27.15	5.53	-
AV	2.4386G	90.45	Inf	-Inf	32.96	3	Horizontal	179	1.45	-	57.49	27.34	5.62	-
AV	2.499998G	45.67	54.00	-8.33	33.19	3	Horizontal	179	1.45	-	12.48	27.50	5.69	-
PK	2.3654G	56.66	74.00	-17.34	32.68	3	Horizontal	179	1.45	-	23.98	27.15	5.53	-
PK	2.4378G	94.21	Inf	-Inf	32.95	3	Horizontal	179	1.45	-	61.26	27.34	5.62	-
PK	2.4934G	56.29	74.00	-17.71	33.16	3	Horizontal	179	1.45	-	23.12	27.48	5.68	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

EUT = X

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	49.65	54.00	-4.35	3.96	3	Vertical	360	1.16	-	45.69	31.30	7.52	34.86
PK	4.87406G	53.19	74.00	-20.81	3.96	3	Vertical	360	1.16	-	49.23	31.30	7.52	34.86

802.11b_Nss1,(1Mbps)_1TX

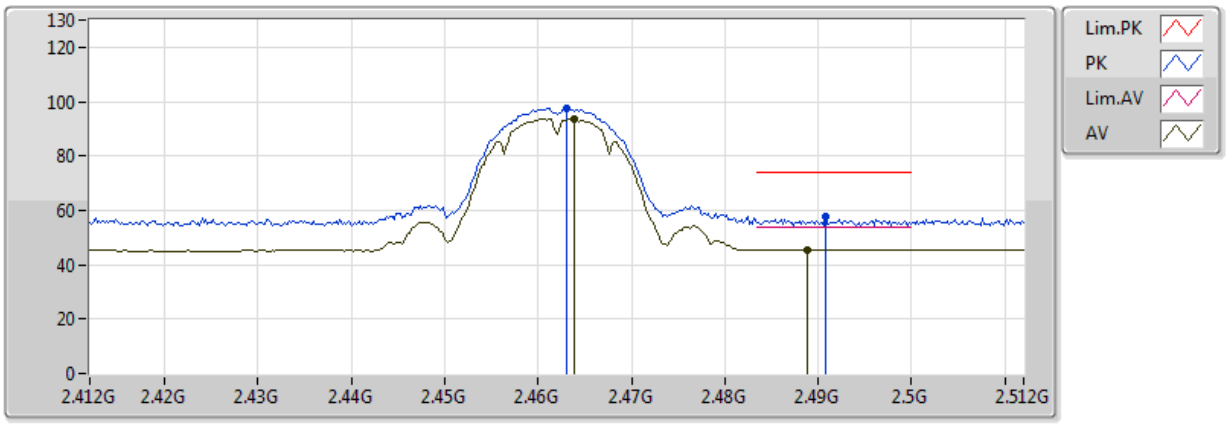
2437MHz_TX

EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.874G	53.85	54.00	-0.15	3.87	3	Horizontal	219	1.06	-	49.98	31.30	7.43	34.86
PK	4.874G	54.92	74.00	-19.08	3.87	3	Horizontal	219	1.06	-	51.05	31.30	7.43	34.86

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

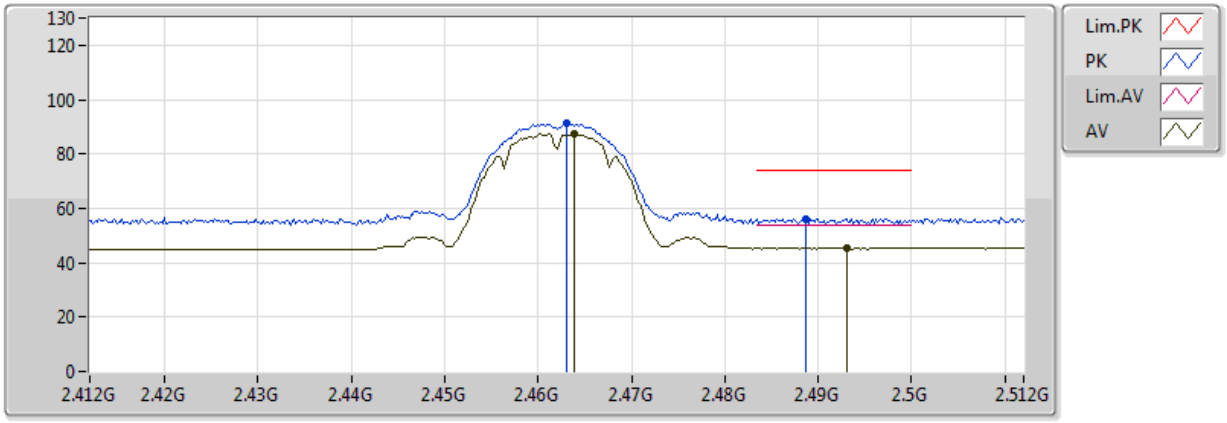


EUT = X

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	2.4638G	93.66	Inf	-Inf	33.05	3	Vertical	260	1.27	-	60.61	27.41	5.65	-
AV	2.4888G	45.64	54.00	-8.36	33.15	3	Vertical	260	1.27	-	12.49	27.47	5.68	-
PK	2.463G	97.41	Inf	-Inf	33.05	3	Vertical	260	1.27	-	64.36	27.40	5.65	-
PK	2.4908G	57.55	74.00	-16.45	33.16	3	Vertical	260	1.27	-	24.39	27.48	5.68	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

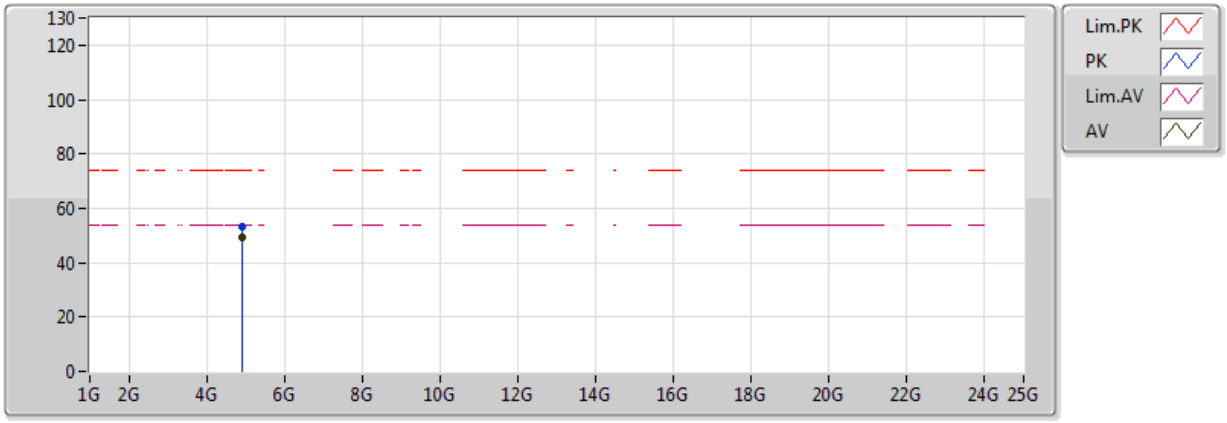


EUT = X

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	2.4638G	87.36	Inf	-Inf	33.05	3	Horizontal	31	2.26	-	54.31	27.41	5.65	-
AV	2.493G	45.23	54.00	-8.77	33.16	3	Horizontal	31	2.26	-	12.06	27.48	5.68	-
PK	2.463G	91.14	Inf	-Inf	33.05	3	Horizontal	31	2.26	-	58.09	27.40	5.65	-
PK	2.4886G	56.26	74.00	-17.74	33.15	3	Horizontal	31	2.26	-	23.12	27.47	5.68	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX



EUT = X

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	49.10	54.00	-4.90	4.13	3	Vertical	358	1.51	-	44.96	31.38	7.60	34.84
PK	4.92406G	52.99	74.00	-21.01	4.13	3	Vertical	358	1.51	-	48.85	31.38	7.60	34.84

802.11b_Nss1,(1Mbps)_1TX

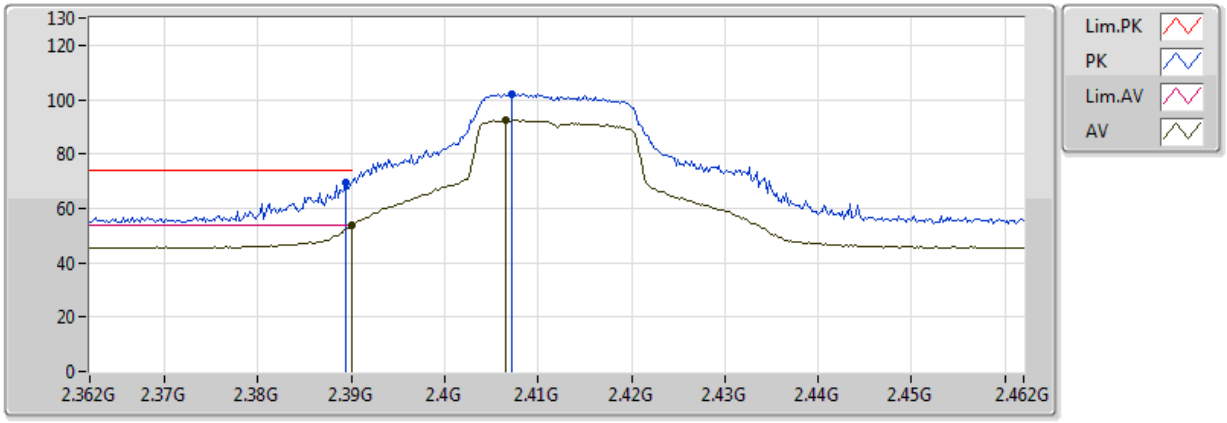
2462MHz_TX

EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.924G	53.50	54.00	-0.50	4.03	3	Horizontal	258	1.01	-	49.47	31.38	7.49	34.84
PK	4.924G	56.37	74.00	-17.63	4.03	3	Horizontal	258	1.01	-	52.35	31.38	7.49	34.84

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

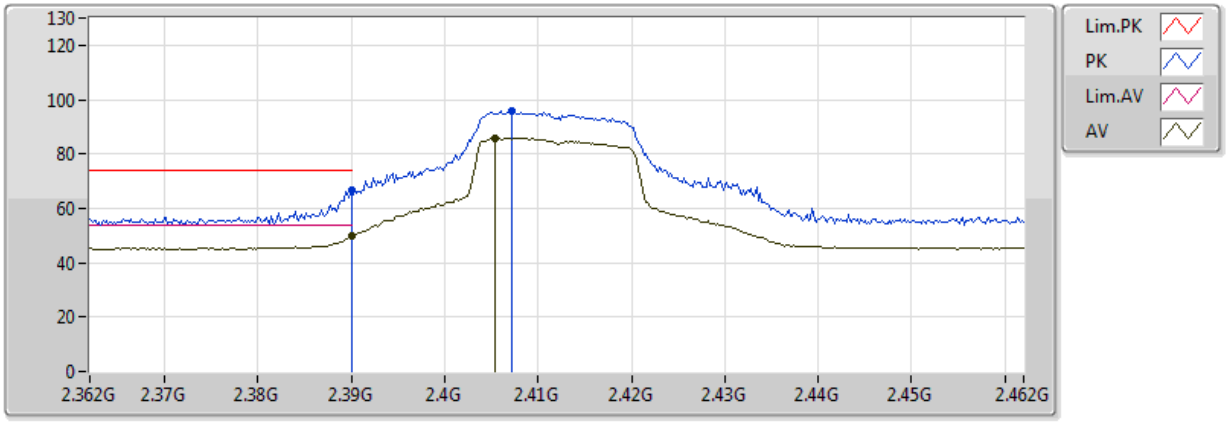


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	53.80	54.00	-0.20	32.77	3	Vertical	263	1.33	-	21.03	27.21	5.56	-
AV	2.4066G	92.31	Inf	-Inf	32.84	3	Vertical	263	1.33	-	59.47	27.26	5.58	-
PK	2.3894G	69.66	74.00	-4.34	32.77	3	Vertical	263	1.33	-	36.89	27.21	5.56	-
PK	2.4072G	102.10	Inf	-Inf	32.84	3	Vertical	263	1.33	-	69.27	27.26	5.58	-

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX



EUT = X

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	49.70	54.00	-4.30	32.77	3	Horizontal	178	2.16	-	16.93	27.21	5.56	-
AV	2.4054G	85.77	Inf	-Inf	32.83	3	Horizontal	178	2.16	-	52.94	27.25	5.58	-
PK	2.39G	66.88	74.00	-7.12	32.77	3	Horizontal	178	2.16	-	34.11	27.21	5.56	-
PK	2.4072G	96.01	Inf	-Inf	32.84	3	Horizontal	178	2.16	-	63.17	27.26	5.58	-

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

EUT = X

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	4.82328G	38.51	54.00	-15.49	3.79	3	Vertical	0	1.73	-	34.72	31.22	7.45	34.87
PK	4.8207G	53.06	74.00	-20.94	3.78	3	Vertical	0	1.73	-	49.27	31.21	7.44	34.87

802.11g_Nss1,(6Mbps)_1TX

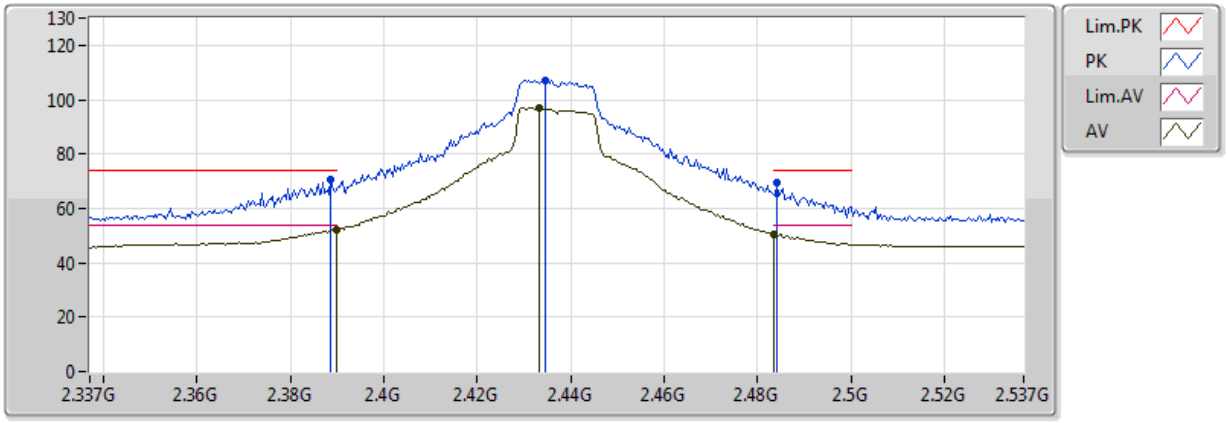
2412MHz_TX

EUT = X

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	4.82484G	41.81	54.00	-12.19	3.72	3	Horizontal	227	1.05	-	38.10	31.22	7.37	34.87
PK	4.82568G	55.58	74.00	-18.42	3.72	3	Horizontal	227	1.05	-	51.86	31.22	7.37	34.87

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

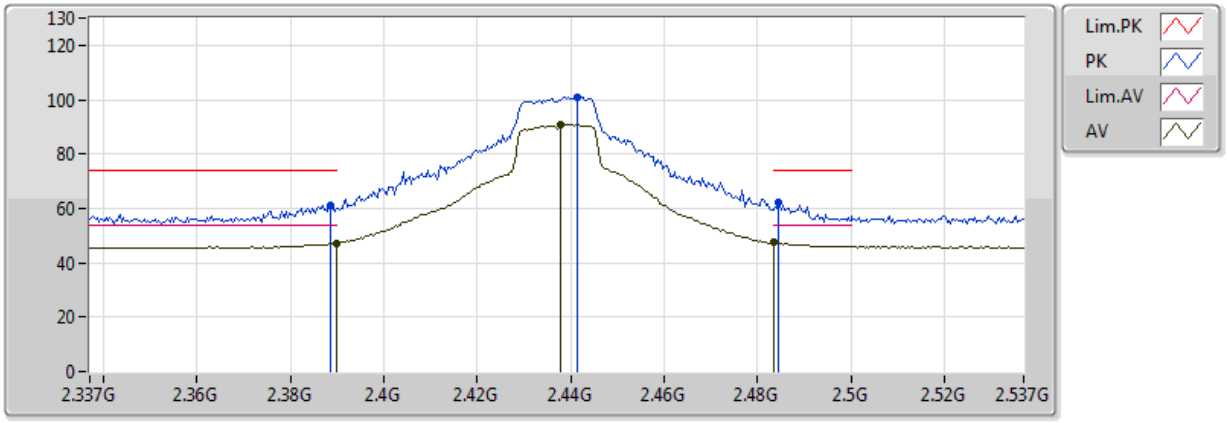


EUT = X

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	52.10	54.00	-1.90	32.77	3	Vertical	129	1.24	-	19.33	27.21	5.56	-
AV	2.4334G	97.04	Inf	-Inf	32.94	3	Vertical	129	1.24	-	64.11	27.33	5.61	-
AV	2.483502G	50.42	54.00	-3.58	33.13	3	Vertical	129	1.24	-	17.29	27.46	5.67	-
PK	2.3886G	70.48	74.00	-3.52	32.77	3	Vertical	129	1.24	-	37.71	27.21	5.56	-
PK	2.4346G	107.06	Inf	-Inf	32.94	3	Vertical	129	1.24	-	74.12	27.33	5.61	-
PK	2.4842G	69.44	74.00	-4.56	33.13	3	Vertical	129	1.24	-	36.31	27.46	5.67	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX



EUT = X

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	47.26	54.00	-6.74	32.77	3	Horizontal	179	1.46	-	14.49	27.21	5.56	-
AV	2.4378G	90.75	Inf	-Inf	32.95	3	Horizontal	179	1.46	-	57.80	27.34	5.62	-
AV	2.483502G	47.41	54.00	-6.59	33.13	3	Horizontal	179	1.46	-	14.29	27.46	5.67	-
PK	2.3886G	61.30	74.00	-12.70	32.77	3	Horizontal	179	1.46	-	28.54	27.21	5.56	-
PK	2.4414G	100.84	Inf	-Inf	32.97	3	Horizontal	179	1.46	-	67.87	27.35	5.62	-
PK	2.4846G	62.27	74.00	-11.73	33.13	3	Horizontal	179	1.46	-	29.14	27.46	5.67	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

EUT = X

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	4.87352G	47.78	54.00	-6.22	3.96	3	Vertical	326	1.50	-	43.82	31.30	7.52	34.86
PK	4.87508G	61.82	74.00	-12.18	3.97	3	Vertical	326	1.50	-	57.85	31.30	7.53	34.86

802.11g_Nss1,(6Mbps)_1TX

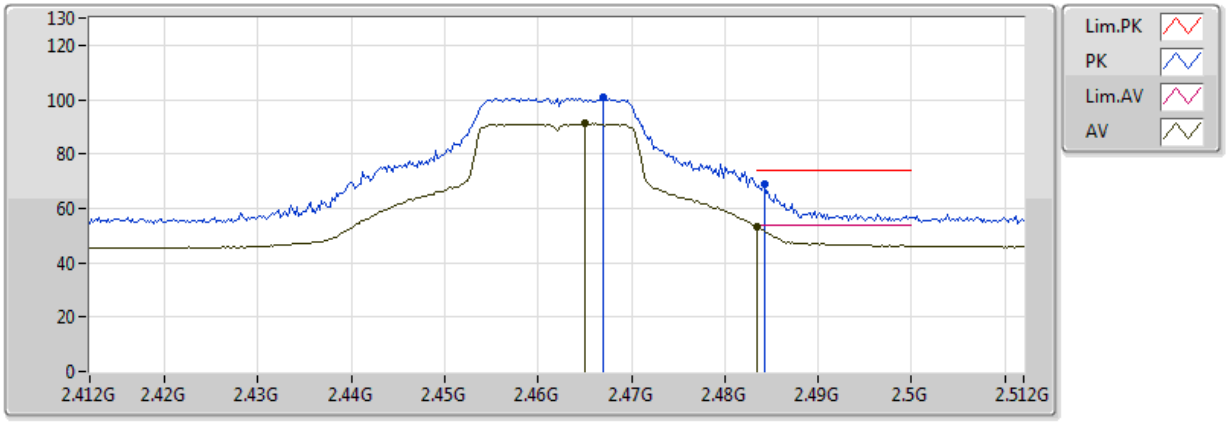
2437MHz_TX

EUT = X

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	4.87388G	53.13	54.00	-0.87	3.87	3	Horizontal	215	1.01	-	49.26	31.30	7.43	34.86
PK	4.8743G	68.30	74.00	-5.70	3.87	3	Horizontal	215	1.01	-	64.43	31.30	7.43	34.86

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

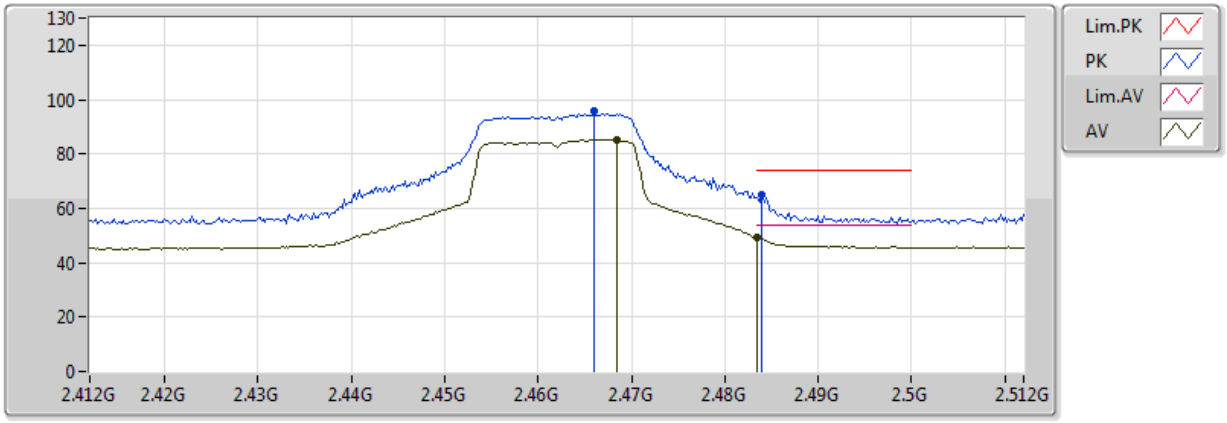


EUT = X

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	2.465G	91.10	Inf	-Inf	33.06	3	Vertical	259	1.27	-	58.05	27.41	5.65	-
AV	2.483502G	53.14	54.00	-0.86	33.13	3	Vertical	259	1.27	-	20.02	27.46	5.67	-
PK	2.467G	100.62	Inf	-Inf	33.06	3	Vertical	259	1.27	-	67.56	27.41	5.65	-
PK	2.4842G	69.20	74.00	-4.80	33.13	3	Vertical	259	1.27	-	36.07	27.46	5.67	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

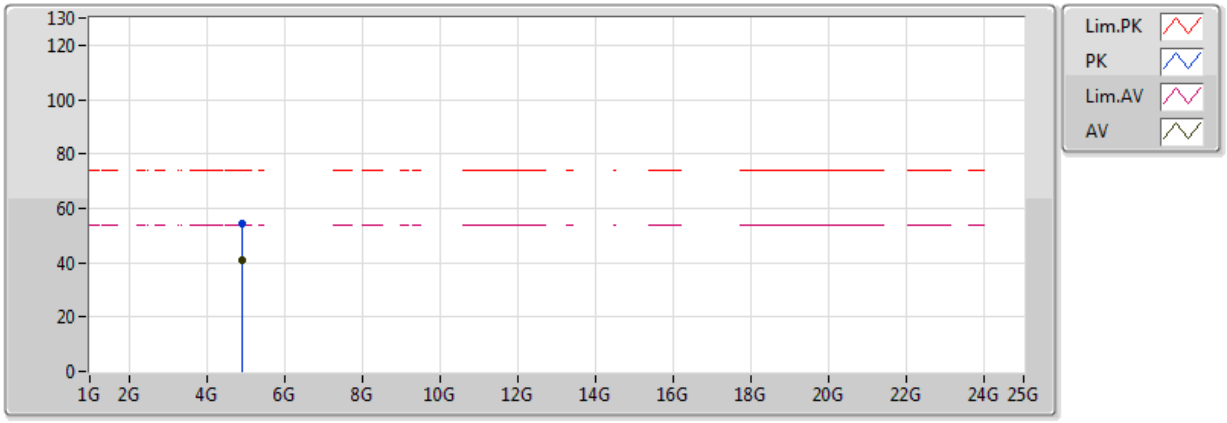


EUT = X

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	2.4684G	85.41	Inf	-Inf	33.07	3	Horizontal	177	1.97	-	52.34	27.42	5.65	-
AV	2.483502G	49.23	54.00	-4.77	33.13	3	Horizontal	177	1.97	-	16.11	27.46	5.67	-
PK	2.466G	95.90	Inf	-Inf	33.06	3	Horizontal	177	1.97	-	62.84	27.41	5.65	-
PK	2.484G	64.90	74.00	-9.10	33.13	3	Horizontal	177	1.97	-	31.77	27.46	5.67	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX



EUT = X

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	4.92292G	41.18	54.00	-12.82	4.13	3	Vertical	0	1.05	-	37.05	31.38	7.60	34.84
PK	4.92412G	54.30	74.00	-19.70	4.13	3	Vertical	0	1.05	-	50.17	31.38	7.60	34.84

802.11g_Nss1,(6Mbps)_1TX

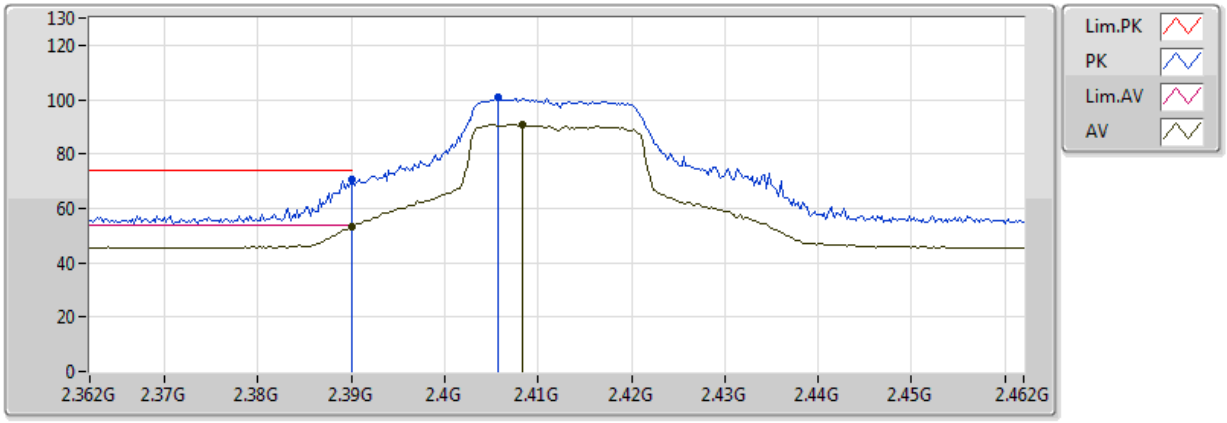
2462MHz_TX

EUT = X

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	4.92364G	43.94	54.00	-10.06	4.03	3	Horizontal	226	1.35	-	39.92	31.38	7.49	34.84
PK	4.92238G	58.03	74.00	-15.97	4.02	3	Horizontal	226	1.35	-	54.01	31.38	7.49	34.84

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

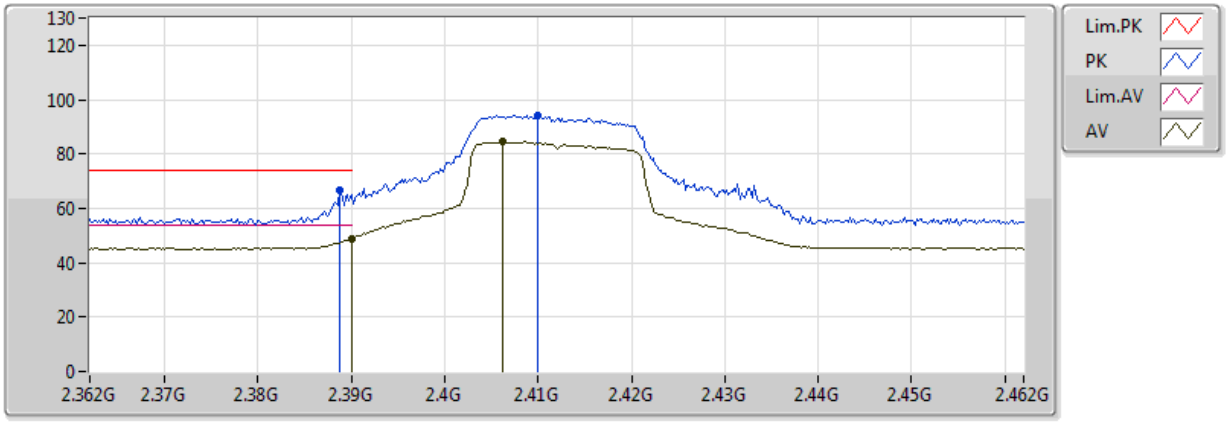


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	53.13	54.00	-0.87	32.77	3	Vertical	150	2.00	-	20.36	27.21	5.56	-
AV	2.4084G	90.91	Inf	-Inf	32.84	3	Vertical	150	2.00	-	58.07	27.26	5.58	-
PK	2.39G	70.56	74.00	-3.44	32.77	3	Vertical	150	2.00	-	37.79	27.21	5.56	-
PK	2.4058G	100.69	Inf	-Inf	32.83	3	Vertical	150	2.00	-	67.86	27.26	5.58	-

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

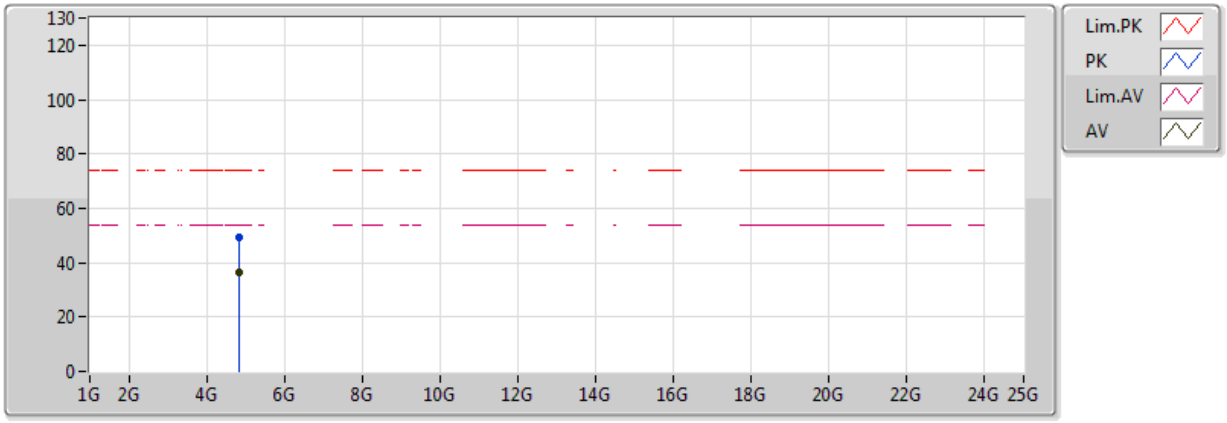


EUT = X

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	48.88	54.00	-5.12	32.77	3	Horizontal	177	2.13	-	16.11	27.21	5.56	-
AV	2.4062G	84.44	Inf	-Inf	32.83	3	Horizontal	177	2.13	-	51.61	27.26	5.58	-
PK	2.3888G	66.63	74.00	-7.37	32.77	3	Horizontal	177	2.13	-	33.86	27.21	5.56	-
PK	2.41G	94.38	Inf	-Inf	32.85	3	Horizontal	177	2.13	-	61.53	27.27	5.58	-

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

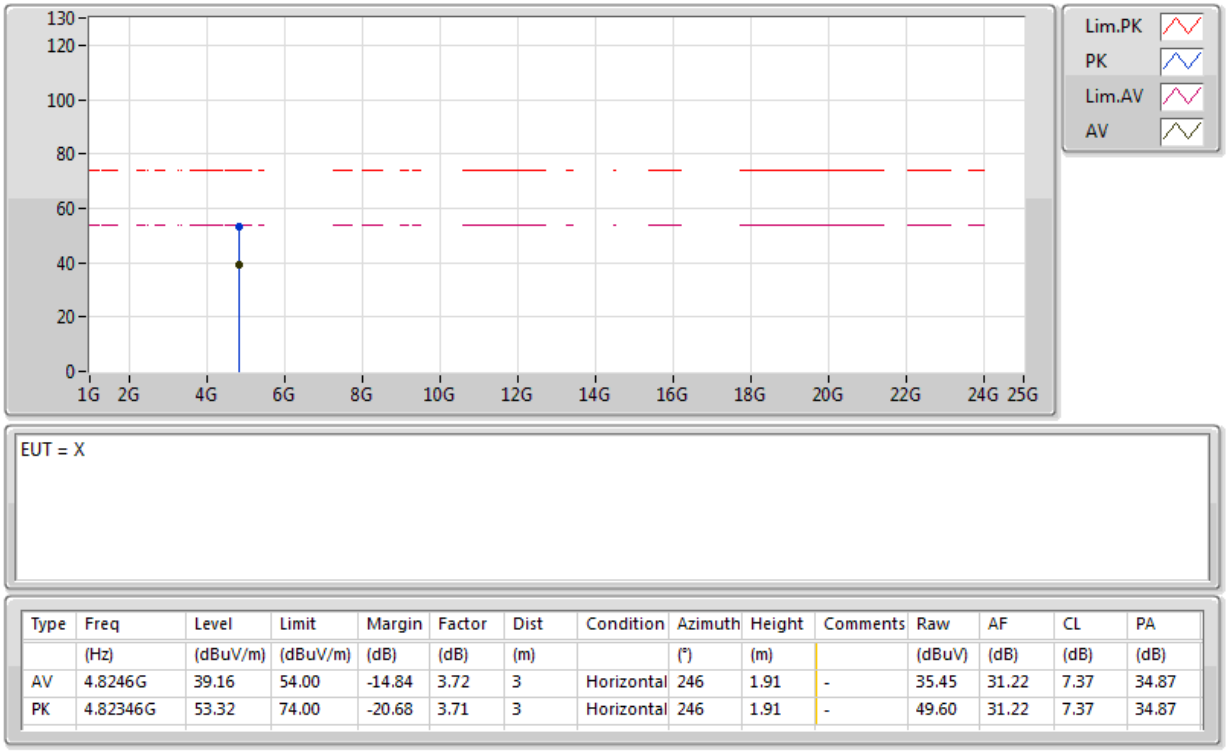


EUT = X

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	4.82376G	36.16	54.00	-17.84	3.79	3	Vertical	256	1.96	-	32.37	31.22	7.45	34.87
PK	4.82328G	49.50	74.00	-24.50	3.79	3	Vertical	256	1.96	-	45.71	31.22	7.45	34.87

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

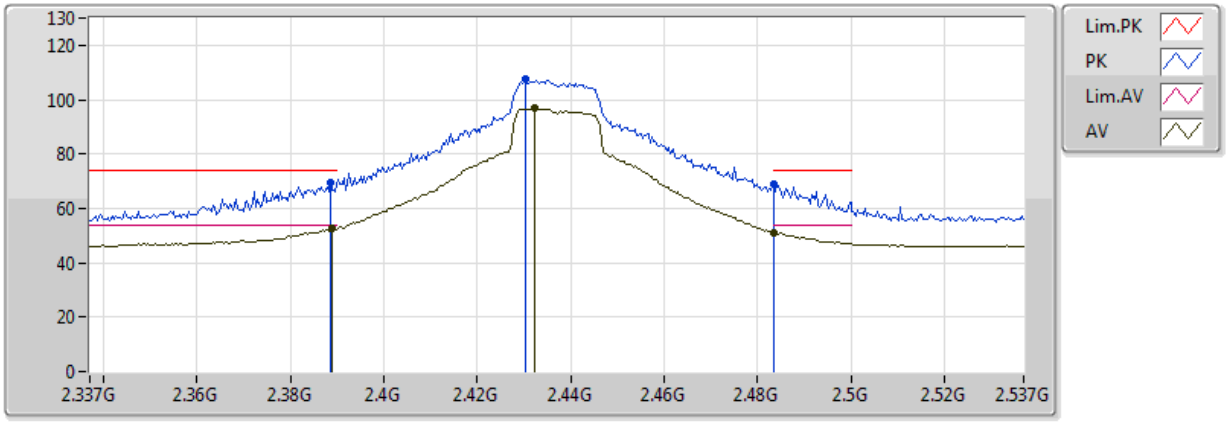


EUT = X

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	4.8246G	39.16	54.00	-14.84	3.72	3	Horizontal	246	1.91	-	35.45	31.22	7.37	34.87
PK	4.82346G	53.32	74.00	-20.68	3.71	3	Horizontal	246	1.91	-	49.60	31.22	7.37	34.87

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

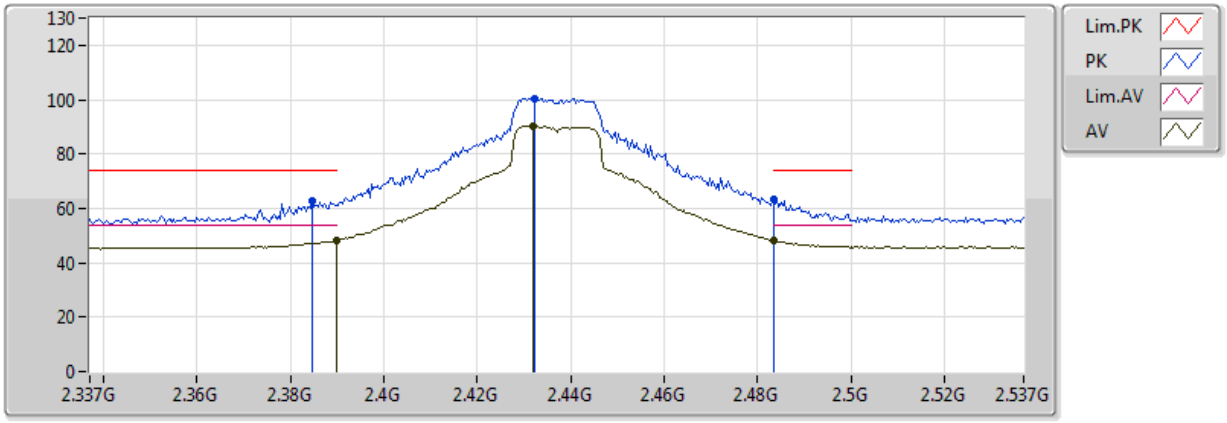


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.389G	52.43	54.00	-1.57	32.77	3	Vertical	132	1.24	-	19.66	27.21	5.56	-
AV	2.4322G	96.75	Inf	-Inf	32.93	3	Vertical	132	1.24	-	63.81	27.32	5.61	-
AV	2.483502G	51.14	54.00	-2.86	33.13	3	Vertical	132	1.24	-	18.01	27.46	5.67	-
PK	2.3886G	69.35	74.00	-4.65	32.77	3	Vertical	132	1.24	-	36.58	27.21	5.56	-
PK	2.4302G	107.33	Inf	-Inf	32.92	3	Vertical	132	1.24	-	74.40	27.32	5.61	-
PK	2.483502G	68.99	74.00	-5.01	33.13	3	Vertical	132	1.24	-	35.87	27.46	5.67	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

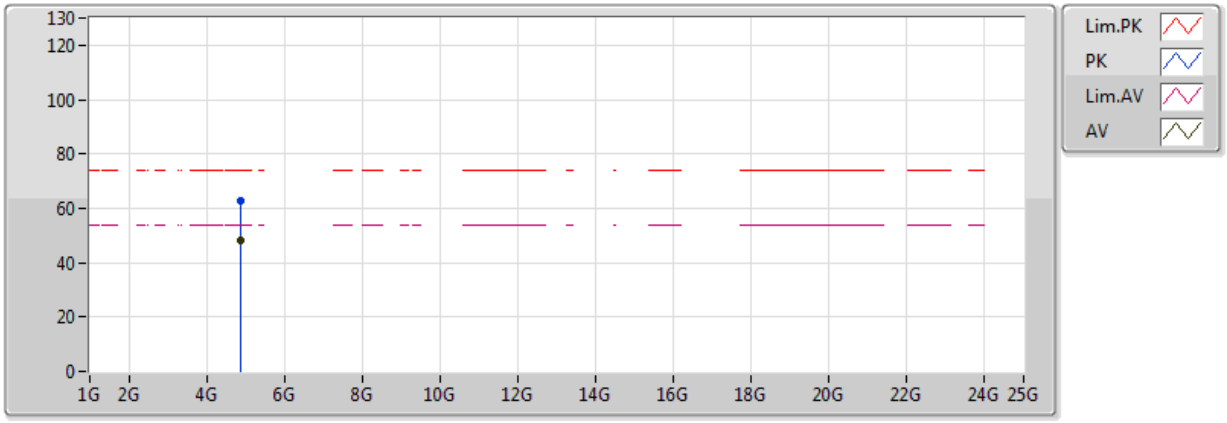


EUT = X

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	48.17	54.00	-5.83	32.77	3	Horizontal	180	1.54	-	15.40	27.21	5.56	-
AV	2.4318G	90.46	Inf	-Inf	32.93	3	Horizontal	180	1.54	-	57.53	27.32	5.61	-
AV	2.483502G	48.21	54.00	-5.79	33.13	3	Horizontal	180	1.54	-	15.08	27.46	5.67	-
PK	2.3846G	62.52	74.00	-11.48	32.75	3	Horizontal	180	1.54	-	29.77	27.20	5.55	-
PK	2.4322G	100.56	Inf	-Inf	32.93	3	Horizontal	180	1.54	-	67.63	27.32	5.61	-
PK	2.483502G	63.31	74.00	-10.69	33.13	3	Horizontal	180	1.54	-	30.18	27.46	5.67	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX



EUT = X

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	4.87226G	48.32	54.00	-5.68	3.96	3	Vertical	327	1.50	-	44.36	31.30	7.52	34.86
PK	4.87352G	62.75	74.00	-11.25	3.96	3	Vertical	327	1.50	-	58.79	31.30	7.52	34.86

802.11n HT20_Nss1,(MCS0)_1TX

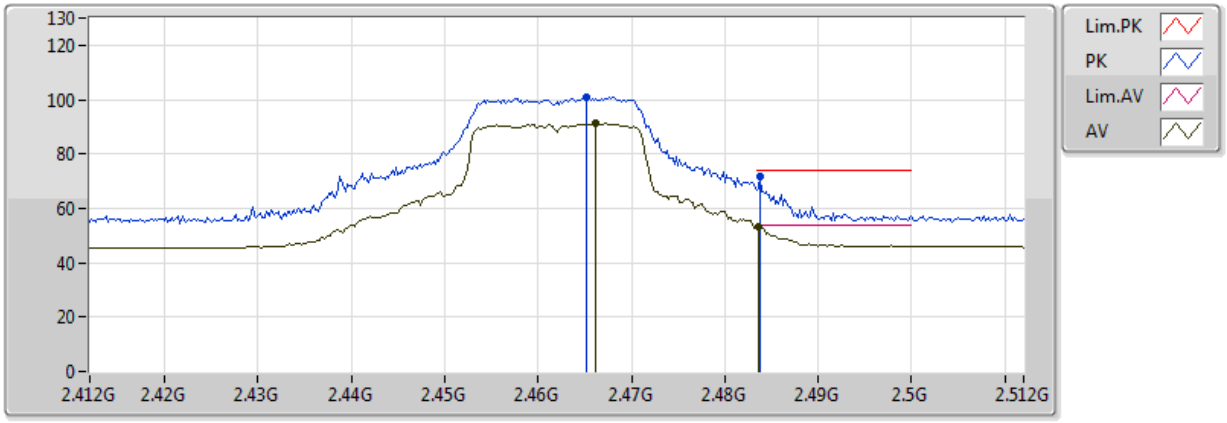
2437MHz_TX

EUT = X

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	4.8734G	53.86	54.00	-0.14	3.87	3	Horizontal	188	1.02	-	50.00	31.30	7.43	34.86
PK	4.87316G	67.62	74.00	-6.38	3.87	3	Horizontal	188	1.02	-	63.76	31.30	7.43	34.86

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

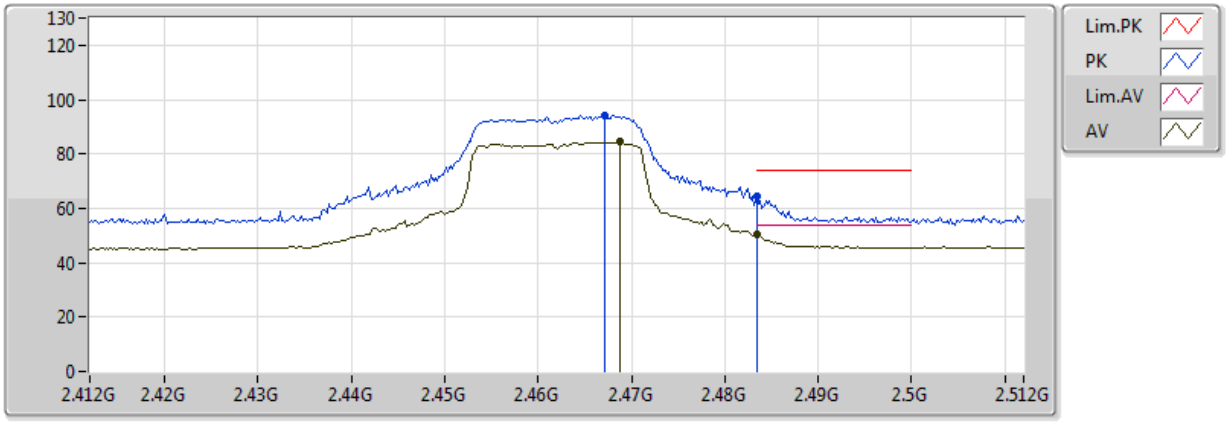


EUT = X

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	2.4662G	91.56	Inf	-Inf	33.06	3	Vertical	256	1.04	-	58.49	27.41	5.65	-
AV	2.4836G	53.50	54.00	-0.50	33.13	3	Vertical	256	1.04	-	20.37	27.46	5.67	-
PK	2.4652G	100.93	Inf	-Inf	33.06	3	Vertical	256	1.04	-	67.87	27.41	5.65	-
PK	2.4838G	71.64	74.00	-2.36	33.13	3	Vertical	256	1.04	-	38.51	27.46	5.67	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX



EUT = X

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	2.4688G	84.36	Inf	-Inf	33.07	3	Horizontal	177	1.97	-	51.29	27.42	5.65	-
AV	2.483502G	50.37	54.00	-3.63	33.13	3	Horizontal	177	1.97	-	17.25	27.46	5.67	-
PK	2.4672G	94.28	Inf	-Inf	33.07	3	Horizontal	177	1.97	-	61.21	27.41	5.65	-
PK	2.483502G	64.25	74.00	-9.75	33.13	3	Horizontal	177	1.97	-	31.12	27.46	5.67	-

802.11n HT20_Nss1,(MCS0)_1TX

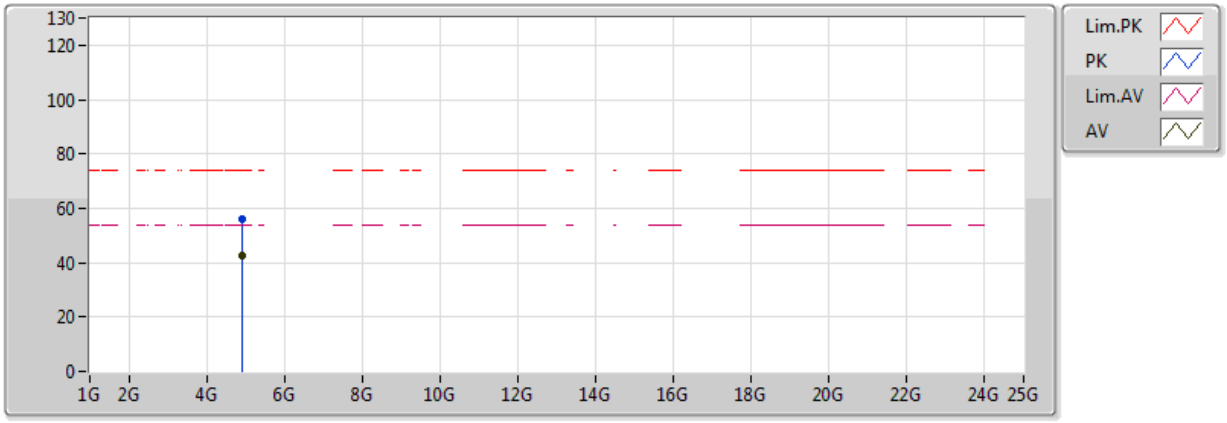
2462MHz_TX

EUT = X

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	4.92298G	39.51	54.00	-14.49	4.13	3	Vertical	0	1.05	-	35.38	31.38	7.60	34.84
PK	4.92412G	52.63	74.00	-21.37	4.13	3	Vertical	0	1.05	-	48.49	31.38	7.60	34.84

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

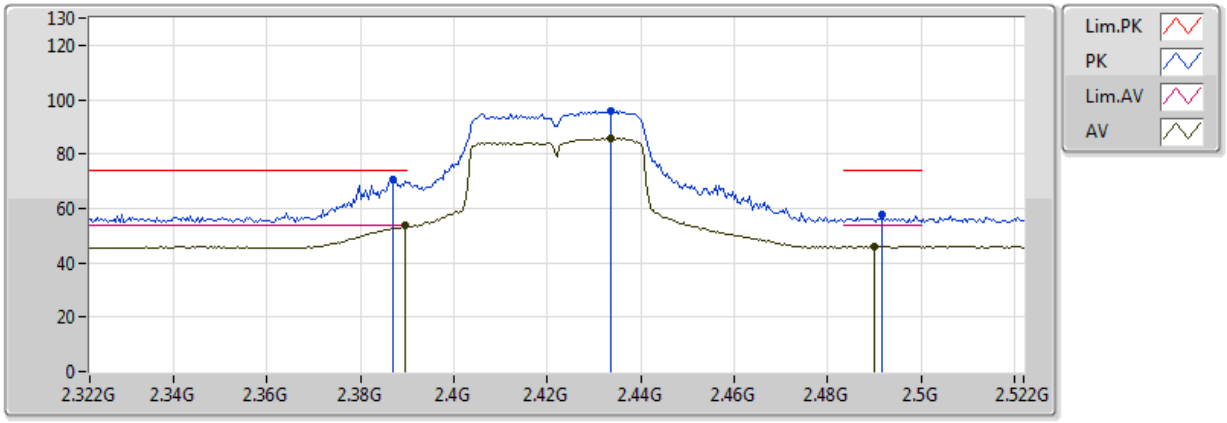


EUT = X

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	4.92376G	42.51	54.00	-11.49	4.03	3	Horizontal	219	1.11	-	38.48	31.38	7.49	34.84
PK	4.92898G	56.30	74.00	-17.70	4.04	3	Horizontal	219	1.11	-	52.26	31.39	7.50	34.84

802.11n HT40_Nss1,(MCS0)_1TX

2422MHz_TX

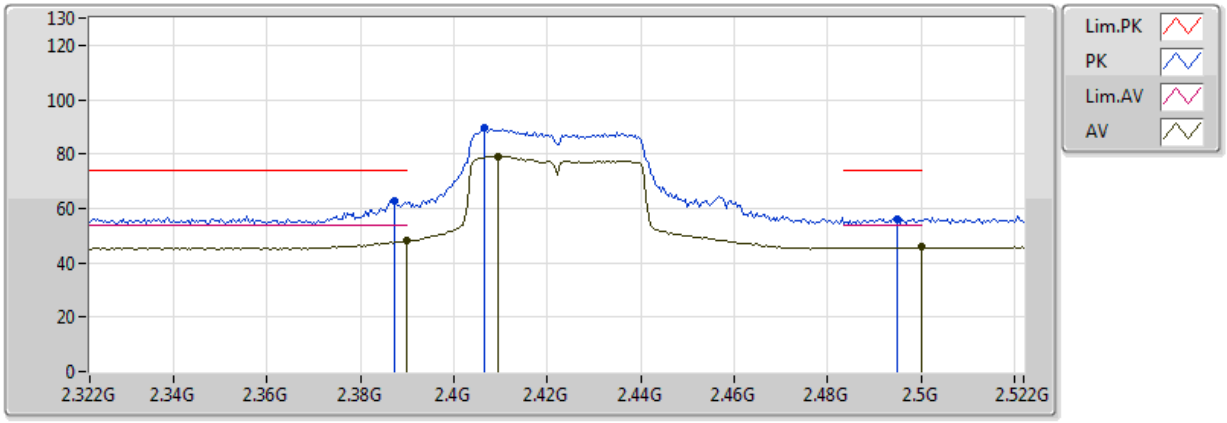


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3896G	53.53	54.00	-0.47	32.77	3	Vertical	152	1.70	-	20.76	27.21	5.56	-
AV	2.4336G	85.89	Inf	-Inf	32.94	3	Vertical	152	1.70	-	52.95	27.33	5.61	-
AV	2.49G	45.99	54.00	-8.01	33.15	3	Vertical	152	1.70	-	12.84	27.47	5.68	-
PK	2.3868G	70.68	74.00	-3.32	32.76	3	Vertical	152	1.70	-	37.92	27.21	5.55	-
PK	2.4336G	95.67	Inf	-Inf	32.94	3	Vertical	152	1.70	-	62.74	27.33	5.61	-
PK	2.4916G	57.68	74.00	-16.32	33.16	3	Vertical	152	1.70	-	24.52	27.48	5.68	-

802.11n HT40_Nss1,(MCS0)_1TX

2422MHz_TX



EUT = X

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	48.09	54.00	-5.91	32.77	3	Horizontal	180	1.32	-	15.32	27.21	5.56	-
AV	2.4096G	79.22	Inf	-Inf	32.85	3	Horizontal	180	1.32	-	46.37	27.26	5.58	-
AV	2.5G	45.70	54.00	-8.30	33.19	3	Horizontal	180	1.32	-	12.51	27.50	5.69	-
PK	2.3872G	62.96	74.00	-11.04	32.76	3	Horizontal	180	1.32	-	30.19	27.21	5.55	-
PK	2.4064G	89.39	Inf	-Inf	32.83	3	Horizontal	180	1.32	-	56.56	27.26	5.58	-
PK	2.4948G	56.25	74.00	-17.75	33.17	3	Horizontal	180	1.32	-	23.08	27.49	5.68	-

802.11n HT40_Nss1,(MCS0)_1TX

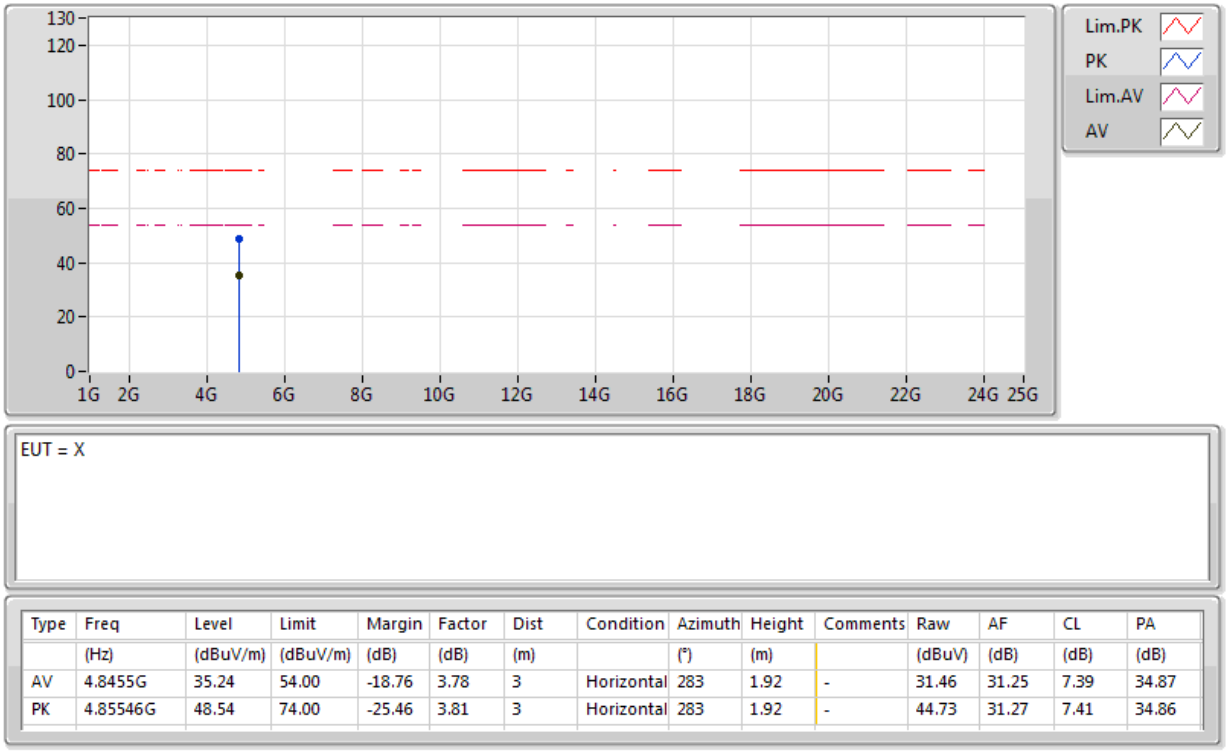
2422MHz_TX

EUT = X

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	4.85042G	34.01	54.00	-19.99	3.88	3	Vertical	227	1.26	-	30.13	31.26	7.49	34.86
PK	4.8551G	47.64	74.00	-26.36	3.90	3	Vertical	227	1.26	-	43.74	31.27	7.50	34.86

802.11n HT40_Nss1,(MCS0)_1TX

2422MHz_TX

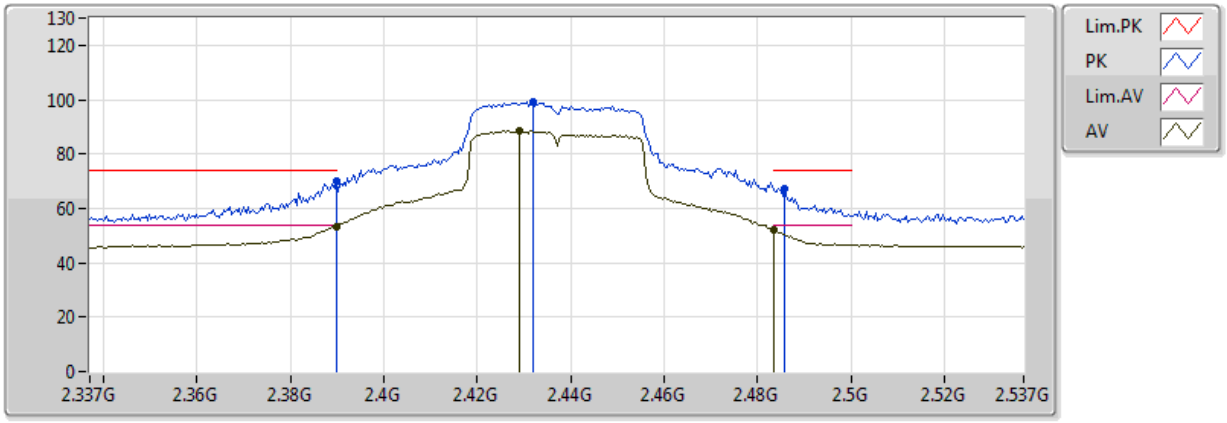


EUT = X

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	4.8455G	35.24	54.00	-18.76	3.78	3	Horizontal	283	1.92	-	31.46	31.25	7.39	34.87
PK	4.85546G	48.54	74.00	-25.46	3.81	3	Horizontal	283	1.92	-	44.73	31.27	7.41	34.86

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_TX

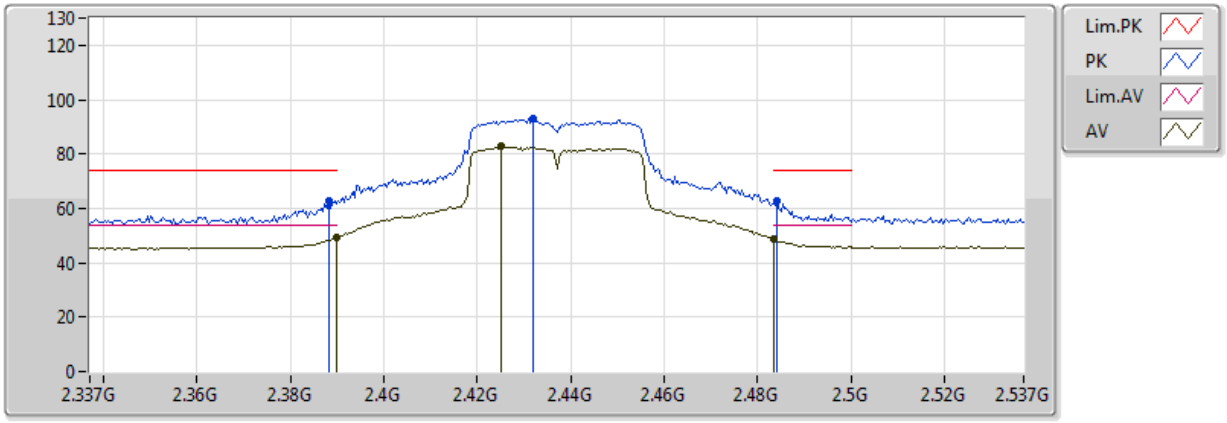


EUT = X

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	53.40	54.00	-0.60	32.77	3	Vertical	132	1.24	-	20.63	27.21	5.56	-
AV	2.429G	88.52	Inf	-Inf	32.92	3	Vertical	132	1.24	-	55.60	27.32	5.60	-
AV	2.483502G	52.05	54.00	-1.95	33.13	3	Vertical	132	1.24	-	18.92	27.46	5.67	-
PK	2.389998G	70.21	74.00	-3.79	32.77	3	Vertical	132	1.24	-	37.44	27.21	5.56	-
PK	2.4318G	99.11	Inf	-Inf	32.93	3	Vertical	132	1.24	-	66.17	27.32	5.61	-
PK	2.4858G	67.46	74.00	-6.54	33.14	3	Vertical	132	1.24	-	34.33	27.46	5.67	-

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_TX



EUT = X

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	49.37	54.00	-4.63	32.77	3	Horizontal	180	1.55	-	16.59	27.21	5.56	-
AV	2.425G	82.72	Inf	-Inf	32.91	3	Horizontal	180	1.55	-	49.81	27.30	5.60	-
AV	2.483502G	48.54	54.00	-5.46	33.13	3	Horizontal	180	1.55	-	15.41	27.46	5.67	-
PK	2.3882G	62.74	74.00	-11.26	32.77	3	Horizontal	180	1.55	-	29.97	27.21	5.56	-
PK	2.4318G	92.80	Inf	-Inf	32.93	3	Horizontal	180	1.55	-	59.87	27.32	5.61	-
PK	2.4842G	62.54	74.00	-11.46	33.13	3	Horizontal	180	1.55	-	29.41	27.46	5.67	-

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_TX

EUT = X

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	4.87442G	37.93	54.00	-16.07	3.97	3	Vertical	6	1.03	-	33.97	31.30	7.52	34.86
PK	4.87262G	51.30	74.00	-22.70	3.96	3	Vertical	6	1.03	-	47.34	31.30	7.52	34.86

802.11n HT40_Nss1,(MCS0)_1TX

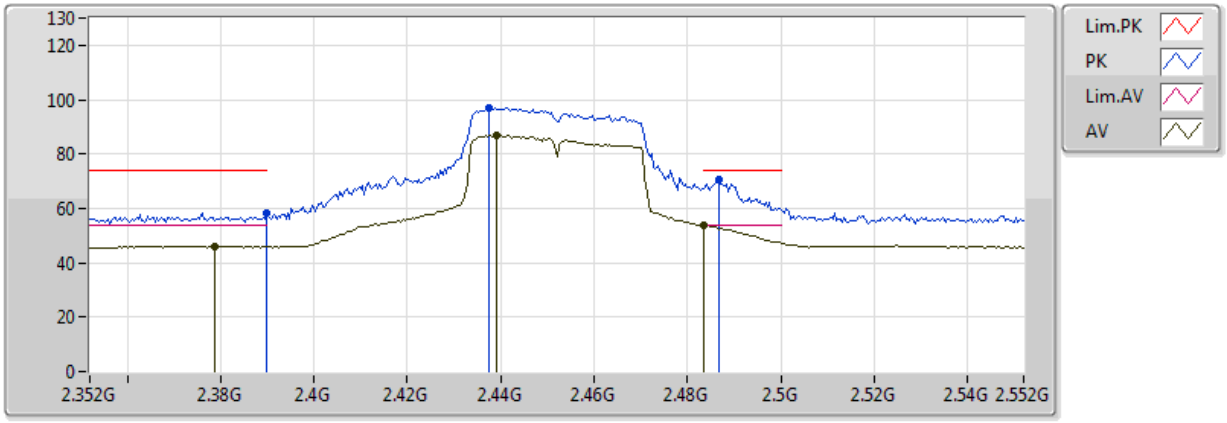
2437MHz_TX

EUT = X

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	4.87316G	41.36	54.00	-12.64	3.87	3	Horizontal	245	1.99	-	37.49	31.30	7.43	34.86
PK	4.87622G	55.48	74.00	-18.52	3.88	3	Horizontal	245	1.99	-	51.60	31.30	7.43	34.86

802.11n HT40_Nss1,(MCS0)_1TX

2452MHz_TX

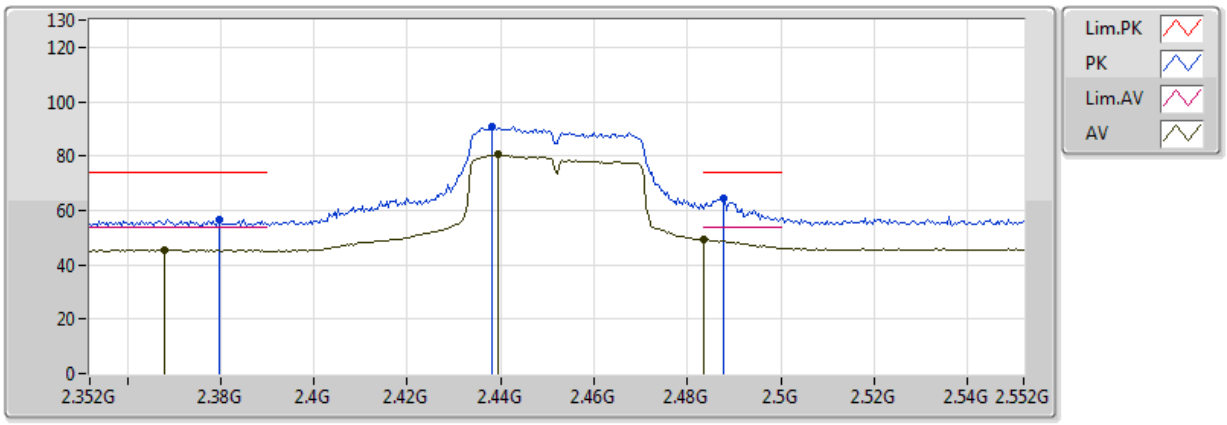


EUT = X

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	2.3788G	46.08	54.00	-7.92	32.73	3	Vertical	154	2.02	-	13.35	27.18	5.54	-
AV	2.4392G	86.89	Inf	-Inf	32.96	3	Vertical	154	2.02	-	53.93	27.34	5.62	-
AV	2.4836G	53.67	54.00	-0.33	33.13	3	Vertical	154	2.02	-	20.54	27.46	5.67	-
PK	2.39G	58.46	74.00	-15.54	32.77	3	Vertical	154	2.02	-	25.69	27.21	5.56	-
PK	2.4376G	97.06	Inf	-Inf	32.95	3	Vertical	154	2.02	-	64.11	27.34	5.62	-
PK	2.4868G	70.79	74.00	-3.21	33.14	3	Vertical	154	2.02	-	37.65	27.47	5.67	-

802.11n HT40_Nss1,(MCS0)_1TX

2452MHz_TX



EUT = X

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	2.368G	45.45	54.00	-8.55	32.69	3	Horizontal	179	1.45	-	12.76	27.16	5.53	-
AV	2.4396G	80.62	Inf	-Inf	32.96	3	Horizontal	179	1.45	-	47.66	27.34	5.62	-
AV	2.4836G	49.49	54.00	-4.51	33.13	3	Horizontal	179	1.45	-	16.36	27.46	5.67	-
PK	2.3796G	56.55	74.00	-17.45	32.73	3	Horizontal	179	1.45	-	23.82	27.19	5.55	-
PK	2.438G	90.80	Inf	-Inf	32.95	3	Horizontal	179	1.45	-	57.84	27.34	5.62	-
PK	2.4876G	64.32	74.00	-9.68	33.14	3	Horizontal	179	1.45	-	31.18	27.47	5.68	-

802.11n HT40_Nss1,(MCS0)_1TX

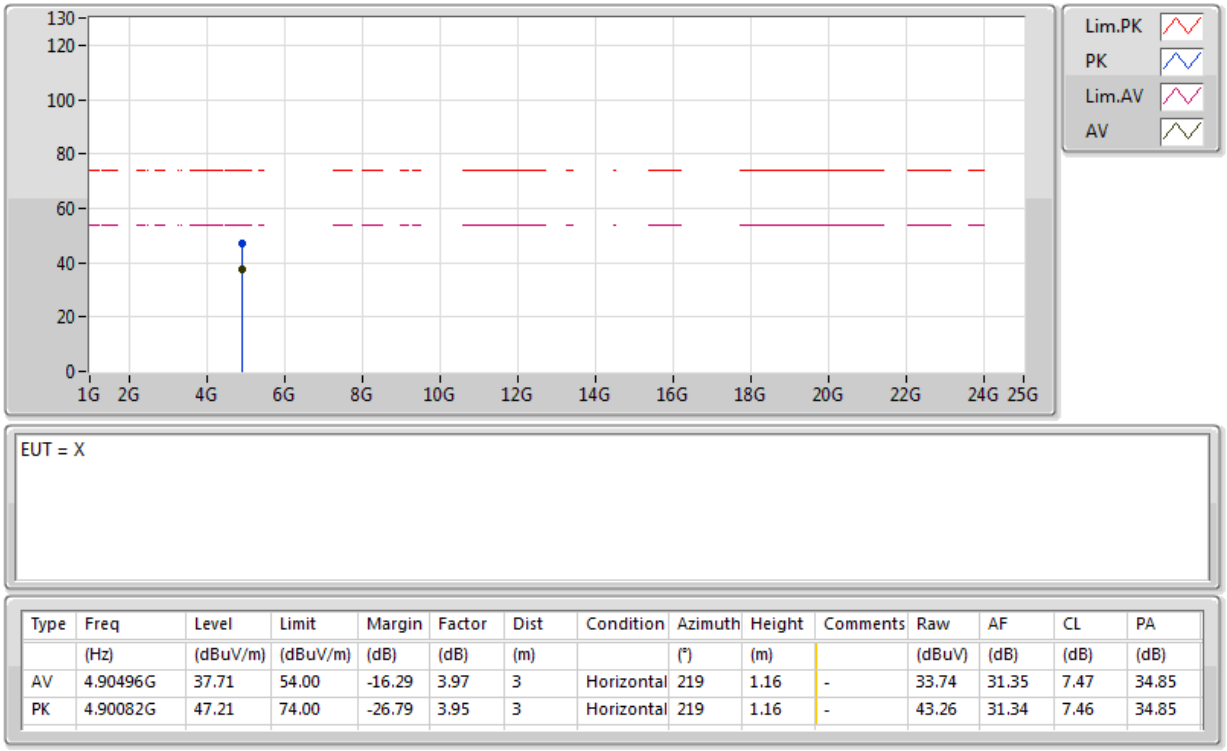
2452MHz_TX

EUT = X

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	4.90598G	35.81	54.00	-18.19	4.07	3	Vertical	351	1.50	-	31.73	31.35	7.57	34.85
PK	4.90466G	49.51	74.00	-24.49	4.07	3	Vertical	351	1.50	-	45.44	31.35	7.57	34.85

802.11n HT40_Nss1,(MCS0)_1TX

2452MHz_TX



EUT = X

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	4.90496G	37.71	54.00	-16.29	3.97	3	Horizontal	219	1.16	-	33.74	31.35	7.47	34.85
PK	4.90082G	47.21	74.00	-26.79	3.95	3	Horizontal	219	1.16	-	43.26	31.34	7.46	34.85