FCC Test Report

Equipment	:	**WiFi Module**
Brand Name	:	**SKSPRUCE**
Model No.	:	**WIM1200-20**
FCC ID	:	**2ACKD-WIM1200-20-A**
Standard	:	**47 CFR FCC Part 15.247**
Operating Band	:	**2400 MHz – 2483.5 MHz**
Function	:	**☒ Point-to-multipoint; ☐ Point-to-point**
Applicant	:	**Skspruce Technologies Inc. 1885 Lundy Ave. Suite 270, San Jose, CA, United States, 95131**

The product sample received on Aug. 25, 2017 and completely tested on Sep. 07, 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
SPORTON INTERNATIONAL INC.

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
FR782501AC	Rev. 01	Initial issue of report	Sep. 20, 2017

1 General Description

1.1 Information

1.1.1 RF General Information

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

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

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

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	ALPHA	AW3509-11	Dipole	U.FL	8
2	2	ALPHA	AW3509-11	Dipole	U.FL	8

Note: 1: 802.11b/g/n used two antennas are for signal transmitting and receiving.(2T2R Spatial Multiplexing MIMO configuration)

Note 2. EUT supports diversity function, the worst case was Spatial Multiplexing MIMO configuration and it was record in this test report.

1.1.3 EUT Information

Operational Condition				
EUT Power Type	3.3 Vdc from host			
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.:	N/A
☐	Plug-in radio (EUT intended for a variety of host systems)	
	Host System - Brand Name / Model No.:	…
☐	Other:	

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.97	0.132	8.689m	300
802.11g	0.875	0.58	1.441m	1k
802.11n HT20	0.86	0.655	1.349m	1k
802.11n HT40	0.749	1.255	670.313u	3k

1.2 Testing Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- 47 CFR FCC Part 15
- ANSI C63.10-2013
- KDB 558074 D01 v04
- KDB 662911 D01 v02r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH07-HY	Ryan	24.6°C / 64%	28/Aug/2017
Radiated	03CH09-HY	Jerry	26.5°C / 55%	07/Sep/2017
AC Conduction	CO04-HY	Danie	24.8°C / 56%	31/Aug/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	MT7620QA

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	0C,0C
2437MHz	0C,0C
2462MHz	0D,0D
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	06,06
2437MHz	0E,0F
2462MHz	08,08
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	08,08
2437MHz	0D,0F
2462MHz	06,06
802.11n HT40_Nss1,(MCS0)_2TX	-
2422MHz	02,02
2437MHz	0F,0F
2452MHz	01,01

2.3 The Worst Case Measurement Configuration

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

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	Normal Link
1	WLAN 2.4GHz+ WLAN 5GHz
Refer to Sporton Test Report No.: FA782501 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.4 Support Equipment

Support Equipment – RF Conducted				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5410	R33002 / DOC
2	Adapter for NB	DELL	HA65NM130	R35737 / DOC
3	AC Source	G.W	APS-9102	-
4	Fixture	-	-	-

Note. Support equipment No.4 was provided by customer.

Support Equipment – Radiated Emission				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	AC adapter	DVE	DSA-12GC-12 FUS	-
2	Fixture	-	-	-

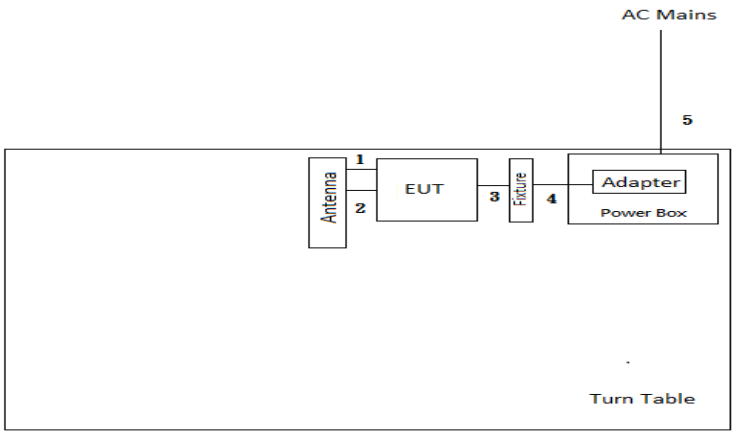
Note. Support equipment No.2 was provided by customer.

Support Equipment – AC Conduction				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	AC adapter	DVE	DSA-12GC-12 FUS	-
2	Fixture	-	-	-

Note. Support equipment No.2 was provided by customer.

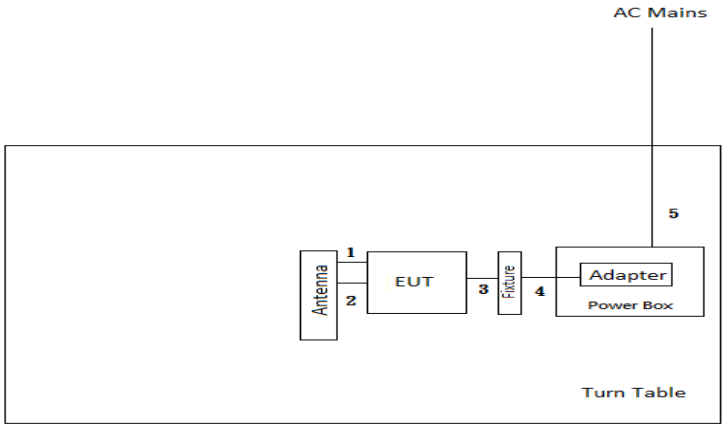
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	RF Cable	No	0.1m	-
2	RF Cable	No	0.1m	-
3	Flexible Flat Cable	No	0.1m	-
4	Cable line	No	0.5m	-
5	AC Power line	No	1.8m	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	RF Cable	No	0.1m	-
2	RF Cable	No	0.1m	-
3	Flexible Flat Cable	No	0.1m	-
4	Cable line	No	0.5m	-
5	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

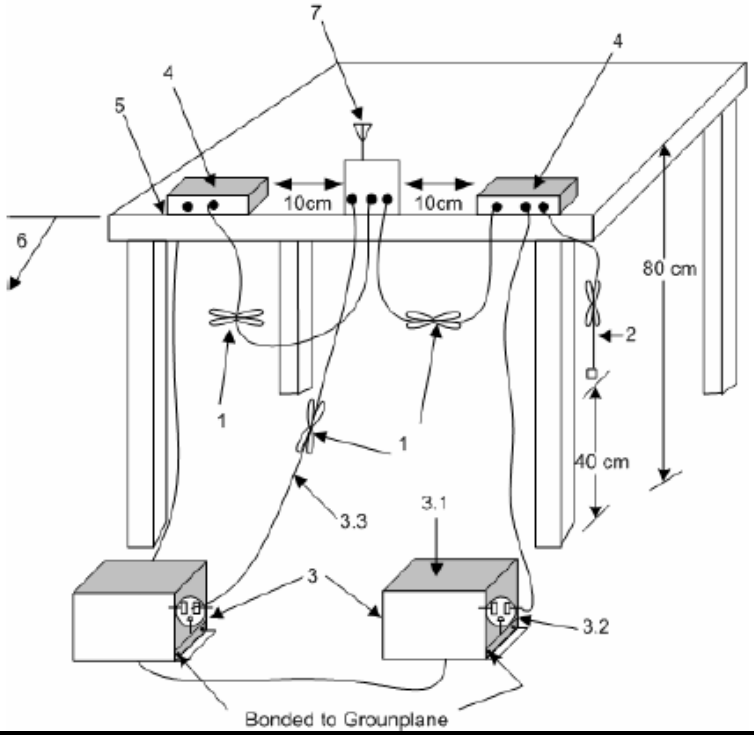
Refer a test equipment and calibration data table in this test report.

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.

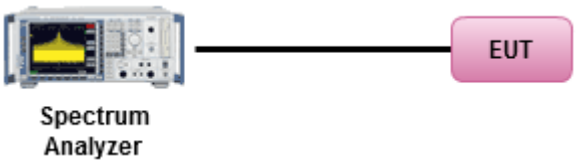
3.2.2 Measuring Instruments

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

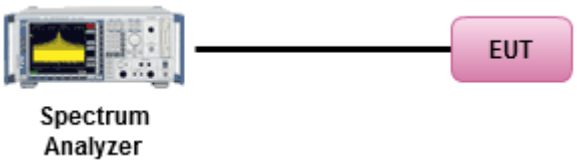
3.4.2 Measuring Instruments

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.	

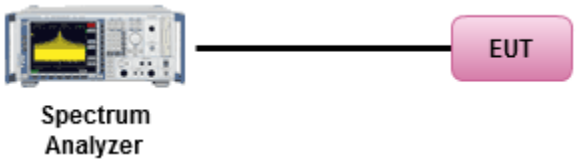
3.5.2 Measuring Instruments

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.

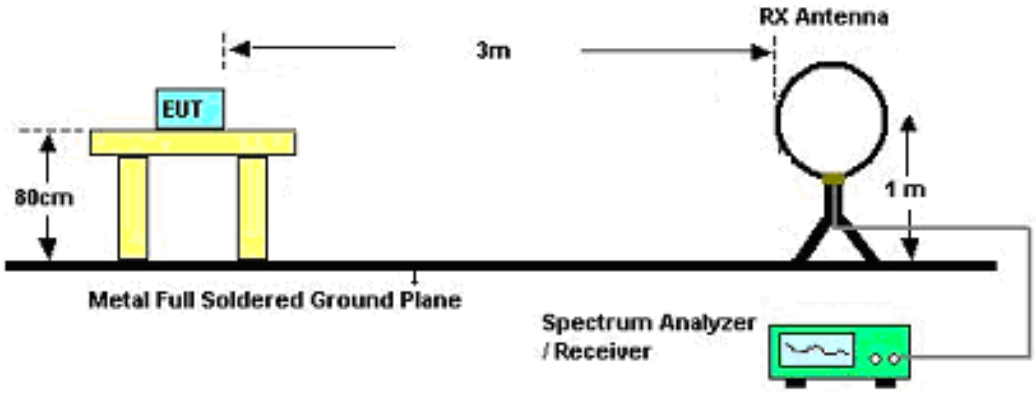
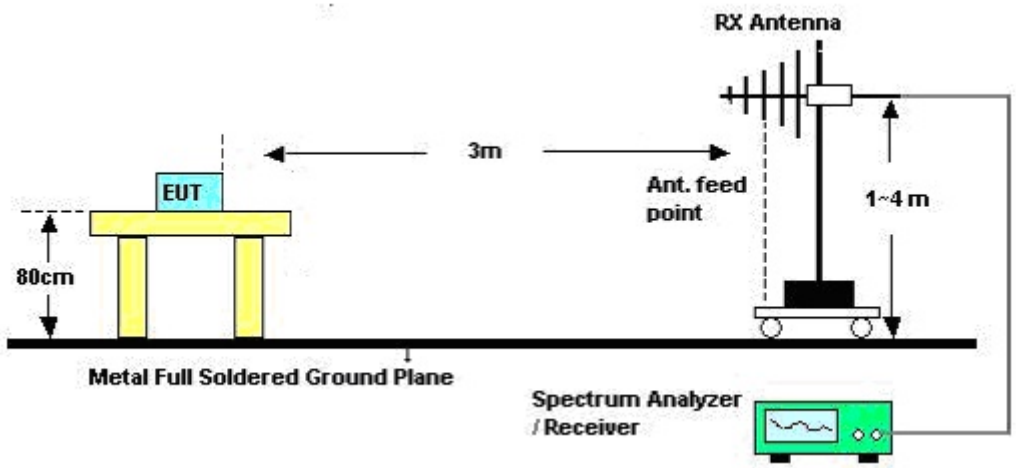
3.6.2 Measuring Instruments

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

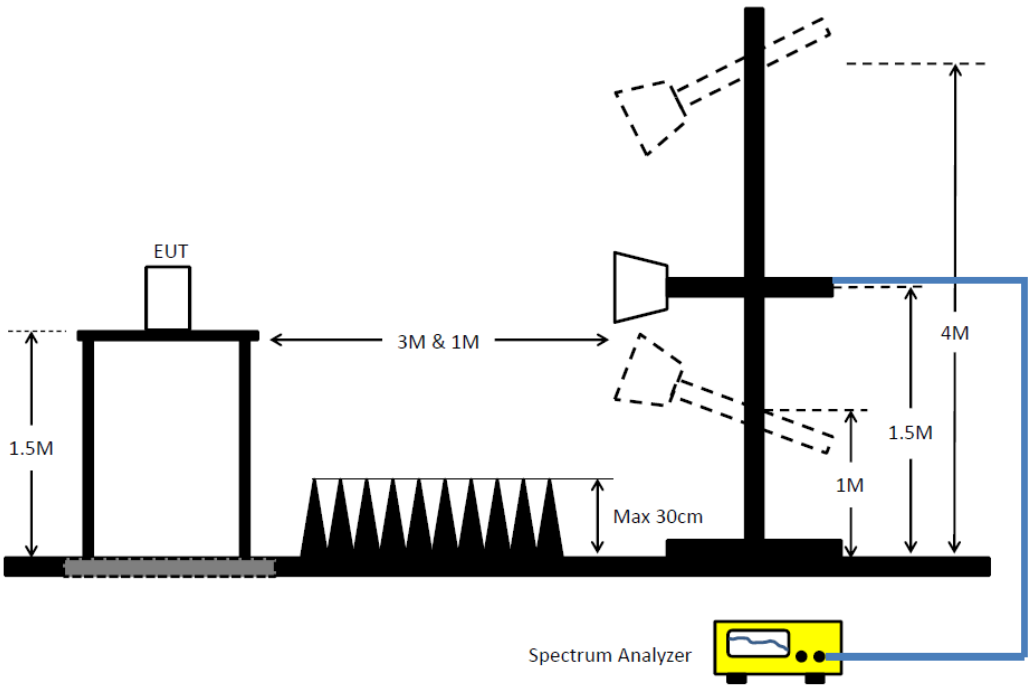
3.6.3 Test Procedures

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

3.6.6 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMC Receiver	R&S	ESR3	102052	9KHz ~ 3.6GHz	29/Apr/2017	28/Apr/2018
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	15/Nov/2016	14/Nov/2017
RF Cable-CON	HUBER+SUHNER	RG213/U	07611832020001	9kHz ~ 30MHz	24/Oct/2016	23/Oct/2017
AC POWER	APC	AFC-11005G	F310050055	47Hz~63Hz 5~300V	NCR	NCR
Impuls Begrenzer Pulse Limiter	R&S	ESH3-Z2	100921	10 kHz ~ 30 MHz	21/Oct/2016	20/Oct/2017

NCR : Non-Calibration Require

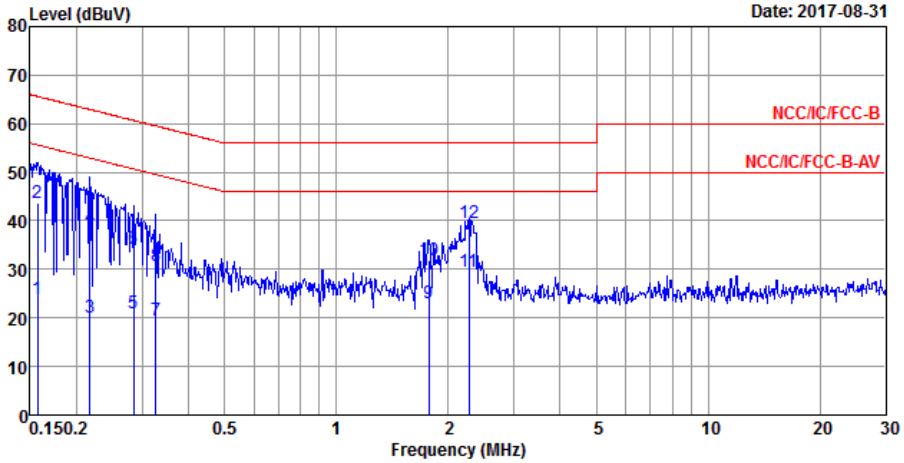
Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz ~ 1GHz	25/Apr/2017	24/Apr/2018
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz ~ 18GHz	28/Jun/2017	27/Jun/2018
Amplifier	Agilent	8449B	3008A02096	1GHz ~ 26.5GHz	25/Apr/2017	24/Apr/2018
Amplifier	EMC	EMC9135	980232	9KHz~1GHz	25/Apr/2017	24/Apr/2018
Spectrum Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz ~ 44GHz	20/Jul/2017	19/Jul/2018
Bilog Antenna	TESEQ	CBL 6111D	35418	30MHz~1GHz	01/Oct/2016	30/Sep/2017
Horn Antenna	SCHWARZBECK	BBHA 9120D	BBHA9120D 1534	1GHz~18GHz	28/Apr/2017	27/Apr/2018
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170614	18GHz ~ 40GHz	06/Feb/2017	05/Feb/2018
Loop Antenna	R&S	HFH2-Z2	100330	9 kHz~30 MHz	10/Nov/2016	09/Nov/2017
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz ~ 1GHz	02/Feb/2017	01/Feb/2018
RF Cable-high	Jye Bao	RG142	03CH09-HY	1GHz ~ 40GHz	02/Feb/2017	01/Feb/2018
Receiver	R&S	ESU-26	100422/026	20Hz ~ 26.5GHz	21/Sep/2016	20/Sep/2017

Instrument for Conducted Test

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	02/Oct/2016	01/Oct/2017
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10710/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10713/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017

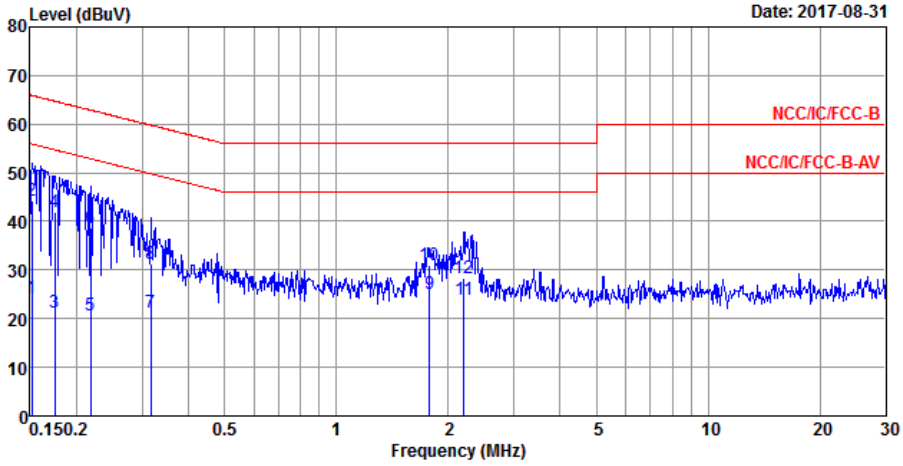
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	Adapter Mode		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.16	23.92	-31.68	55.60	14.08	9.61	0.23	Average
2	0.16	43.83	-21.77	65.60	33.99	9.61	0.23	QP
3	0.22	20.12	-32.80	52.92	10.19	9.66	0.27	Average
4	0.22	38.79	-24.13	62.92	28.86	9.66	0.27	QP
5	0.28	21.01	-29.67	50.68	11.16	9.65	0.20	Average
6	0.28	34.39	-26.29	60.68	24.54	9.65	0.20	QP
7	0.33	19.55	-29.98	49.53	9.75	9.64	0.16	Average
8	0.33	30.59	-28.94	59.53	20.79	9.64	0.16	QP
9	1.77	23.13	-22.87	46.00	13.23	9.64	0.26	Average
10	1.77	31.93	-24.07	56.00	22.03	9.64	0.26	QP
11	2.27	29.40	-16.60	46.00	19.48	9.66	0.26	Average
12 MAX	2.27	39.68	-16.32	56.00	29.76	9.66	0.26	QP

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

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



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.15	24.17	-31.74	55.91	14.29	9.66	0.22	Average
2	0.15	44.37	-21.54	65.91	34.49	9.66	0.22	QP
3	0.17	21.25	-33.47	54.72	11.34	9.65	0.26	Average
4	0.17	41.85	-22.87	64.72	31.94	9.65	0.26	QP
5	0.22	20.62	-32.26	52.88	10.70	9.65	0.27	Average
6	0.22	38.53	-24.35	62.88	28.61	9.65	0.27	QP
7	0.32	21.33	-28.47	49.80	11.49	9.67	0.17	Average
8	0.32	31.42	-28.38	59.80	21.58	9.67	0.17	QP
9 MAX	1.78	25.07	-20.93	46.00	15.04	9.76	0.27	Average
10	1.78	31.07	-24.93	56.00	21.04	9.76	0.27	QP
11	2.20	23.84	-22.16	46.00	13.78	9.79	0.27	Average
12	2.20	28.24	-27.76	56.00	18.18	9.79	0.27	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)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-
2.4-2.4835GHz	10.075M	12.644M	12M6G1D	9.525M	12.269M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-
2.4-2.4835GHz	16.325M	16.767M	16M8D1D	15.7M	16.467M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-
2.4-2.4835GHz	17.525M	17.716M	17M7D1D	14.675M	17.591M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-
2.4-2.4835GHz	35.9M	36.682M	36M7D1D	35.1M	36.132M

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

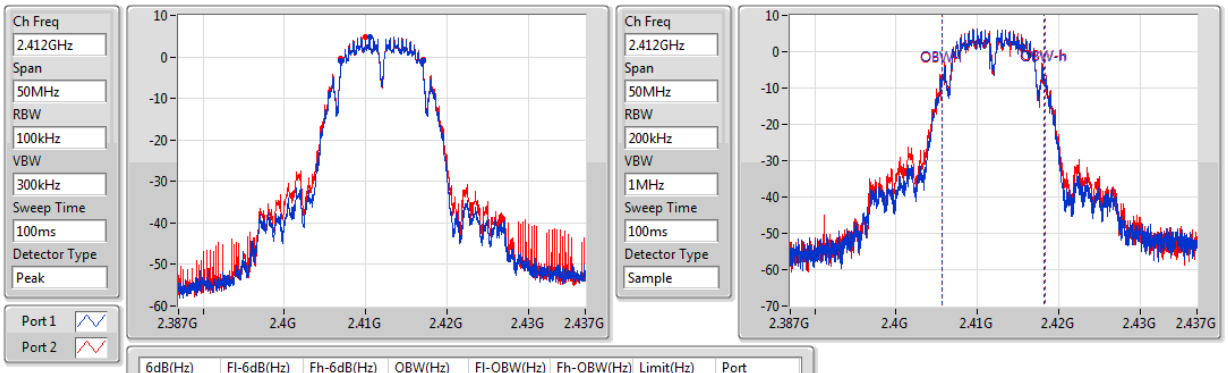
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	10.075M	12.469M	10.075M	12.644M
2437MHz	Pass	500k	9.55M	12.419M	9.525M	12.444M
2462MHz	Pass	500k	9.575M	12.269M	9.55M	12.294M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.325M	16.592M	16.325M	16.592M
2437MHz	Pass	500k	15.7M	16.567M	15.7M	16.767M
2462MHz	Pass	500k	15.925M	16.492M	15.725M	16.467M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.05M	17.641M	17.525M	17.691M
2437MHz	Pass	500k	16.125M	17.666M	16.05M	17.716M
2462MHz	Pass	500k	16.875M	17.591M	14.675M	17.641M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	35.9M	36.232M	35.1M	36.232M
2437MHz	Pass	500k	35.65M	36.232M	35.6M	36.132M
2452MHz	Pass	500k	35.7M	36.382M	35.7M	36.682M

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

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

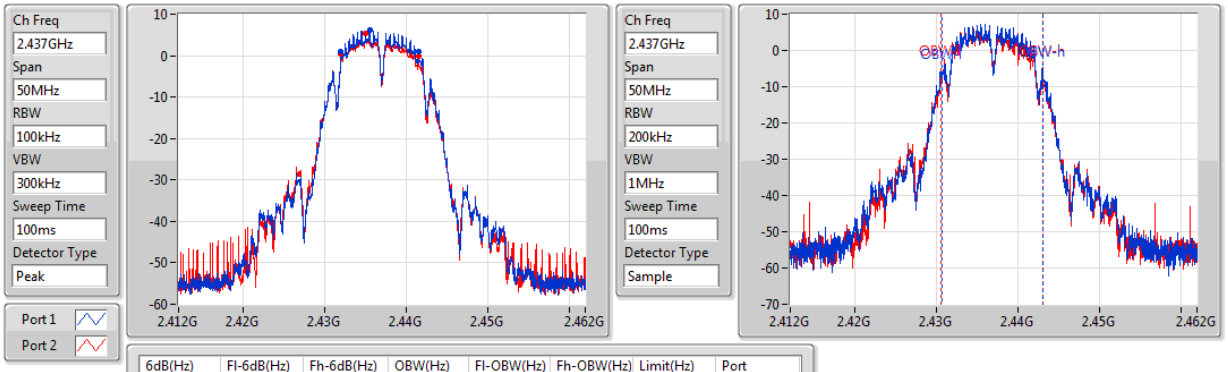
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.075M	2.40695G	2.417025G	12.469M	2.405728G	2.418197G	500k	1
10.075M	2.40695G	2.417025G	12.644M	2.405628G	2.418272G	500k	2

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

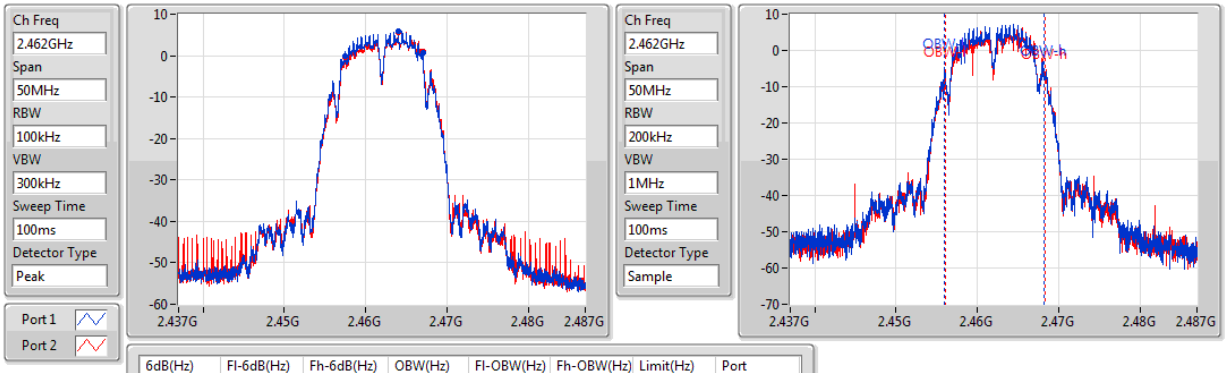
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.55M	2.431975G	2.441525G	12.419M	2.430628G	2.443047G	500k	1
9.525M	2.431975G	2.4415G	12.444M	2.430553G	2.442997G	500k	2

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

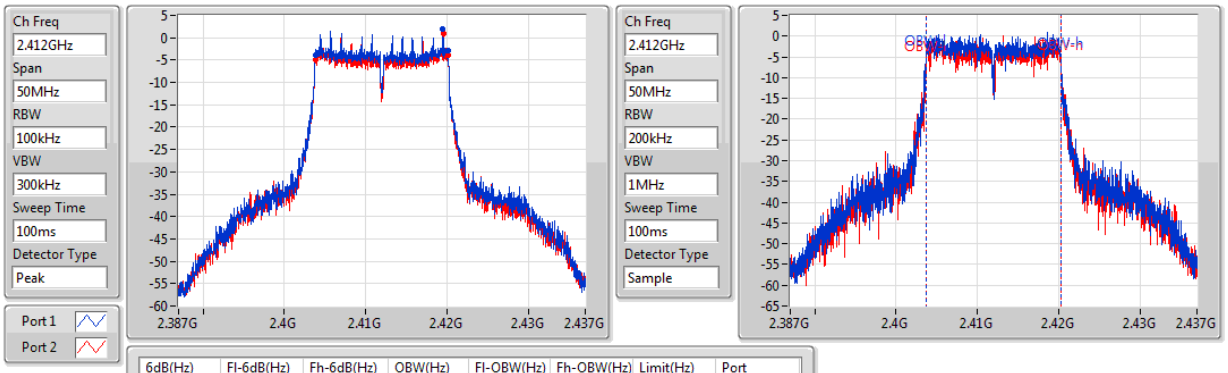
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.575M	2.45745G	2.467025G	12.269M	2.455978G	2.468247G	500k	1
9.55M	2.457475G	2.467025G	12.294M	2.456053G	2.468347G	500k	2

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

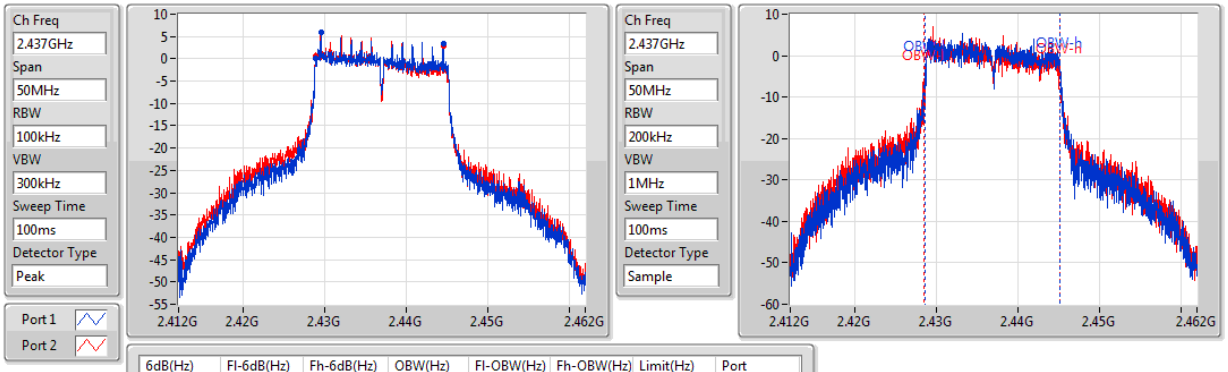
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.403825G	2.42015G	16.592M	2.403679G	2.420271G	500k	1
16.325M	2.403825G	2.42015G	16.592M	2.403704G	2.420296G	500k	2

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

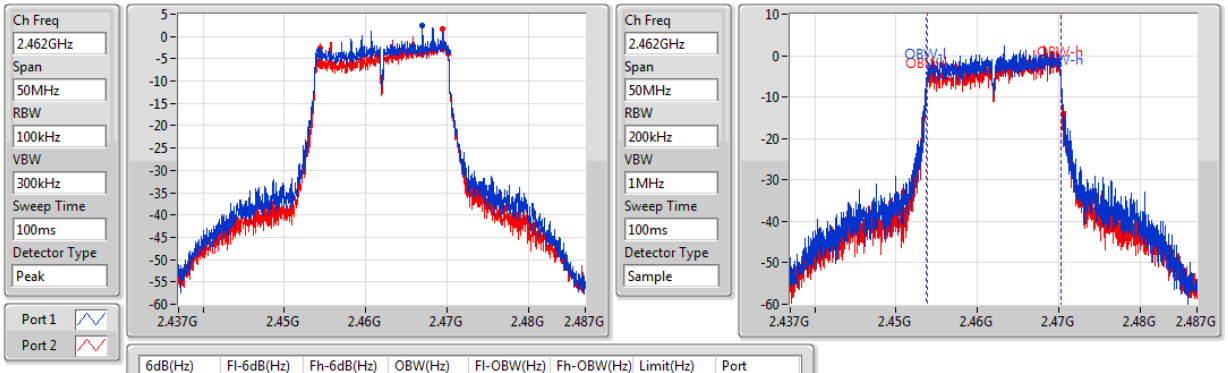
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.7M	2.428825G	2.444525G	16.567M	2.428604G	2.445171G	500k	1
15.7M	2.428825G	2.444525G	16.767M	2.428429G	2.445196G	500k	2

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

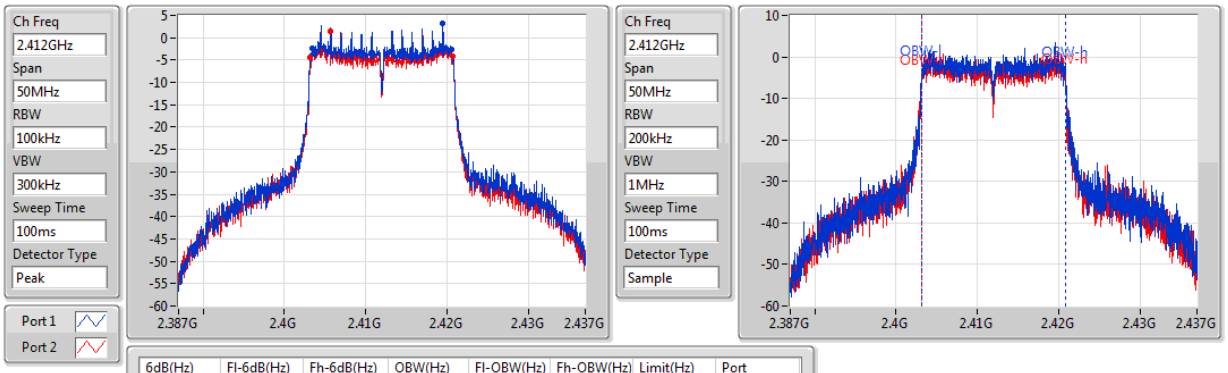
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.925M	2.45425G	2.470175G	16.492M	2.453779G	2.470271G	500k	1
15.725M	2.45445G	2.470175G	16.467M	2.453804G	2.470271G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX **EBW**

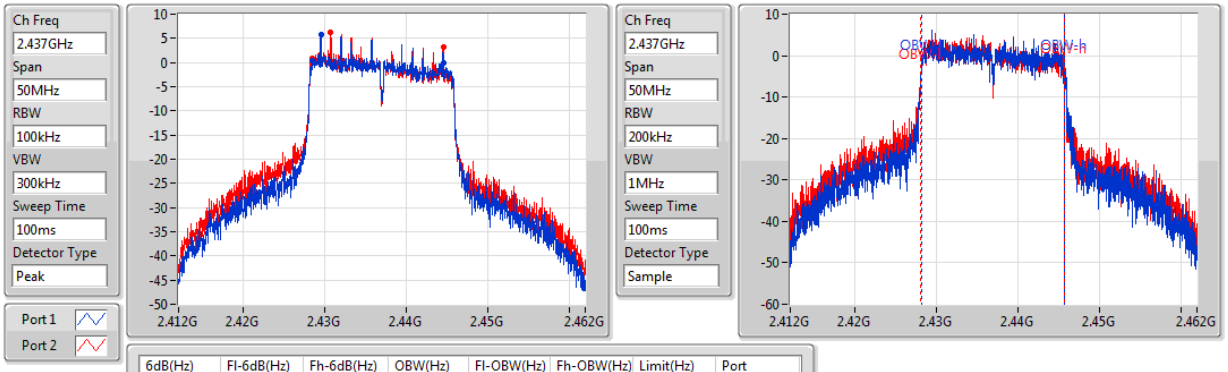
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.05M	2.403475G	2.420525G	17.641M	2.403179G	2.420821G	500k	1
17.525M	2.403225G	2.42075G	17.691M	2.403129G	2.420821G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX **EBW**

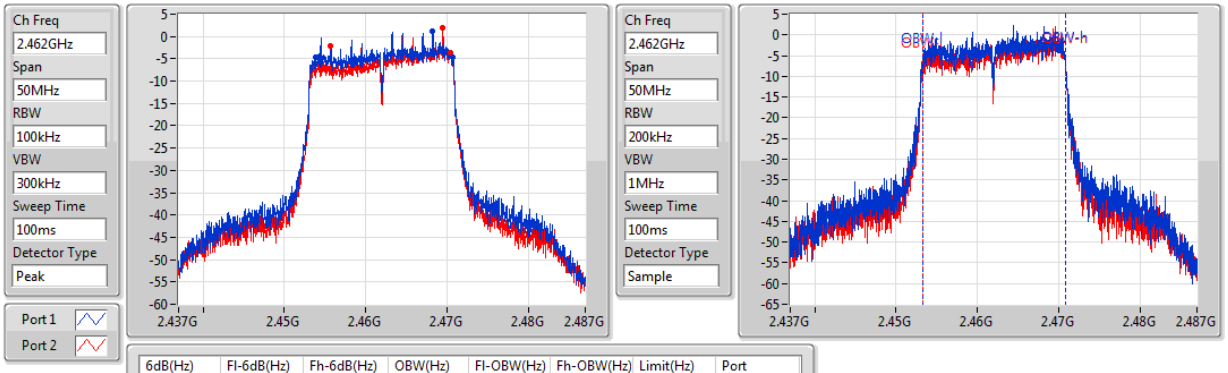
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.125M	2.42845G	2.444575G	17.666M	2.428104G	2.445771G	500k	1
16.05M	2.428475G	2.444525G	17.716M	2.428004G	2.445721G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX **EBW**

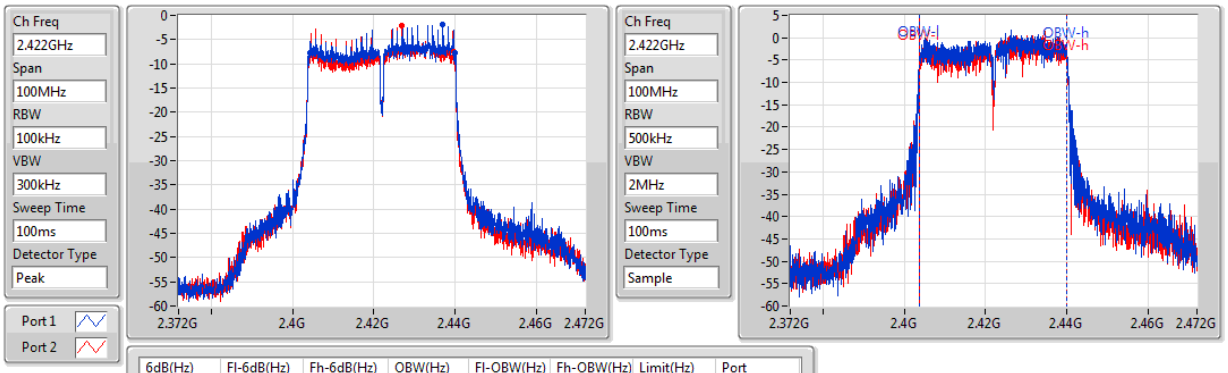
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.875M	2.453875G	2.47075G	17.591M	2.453229G	2.470821G	500k	1
14.675M	2.455725G	2.4704G	17.641M	2.453229G	2.470871G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX **EBW**

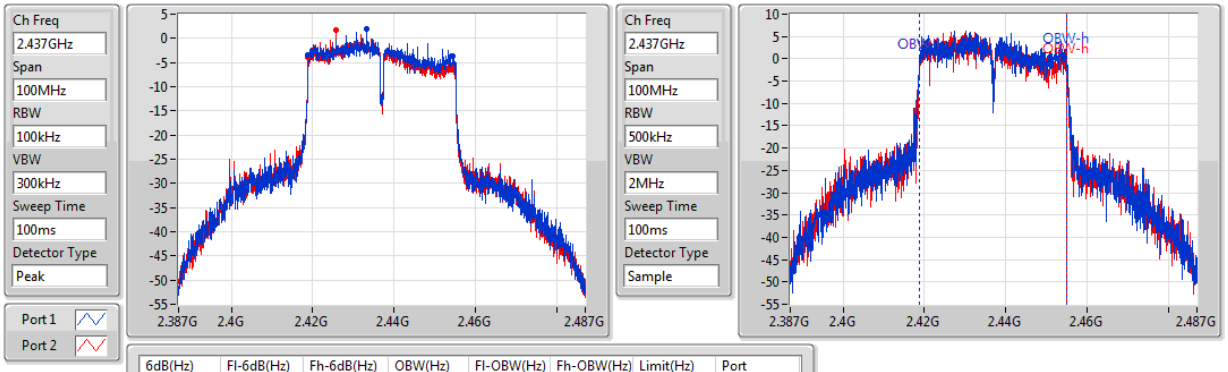
2422MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.9M	2.4042G	2.4401G	36.232M	2.403859G	2.440091G	500k	1
35.1M	2.40445G	2.43955G	36.232M	2.403859G	2.440091G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX **EBW**

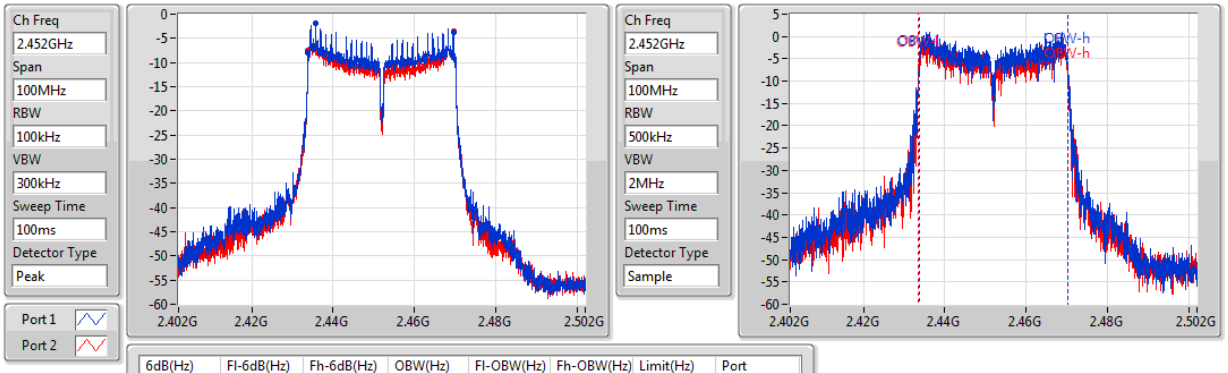
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.65M	2.41885G	2.4545G	36.232M	2.418759G	2.454991G	500k	1
35.6M	2.41885G	2.45445G	36.132M	2.418809G	2.454941G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX **EBW**

2452MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.7M	2.43385G	2.46955G	36.382M	2.433759G	2.470141G	500k	1
35.7M	2.43385G	2.46955G	36.682M	2.433559G	2.470241G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
802.11b_Nss1,(1Mbps)_2TX	-	-
2.4-2.4835GHz	19.26	0.08433
802.11g_Nss1,(6Mbps)_2TX	-	-
2.4-2.4835GHz	19.28	0.08472
802.11n HT20_Nss1,(MCS0)_2TX	-	-
2.4-2.4835GHz	19.18	0.08279
802.11n HT40_Nss1,(MCS0)_2TX	-	-
2.4-2.4835GHz	19.26	0.08433

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	8.00	16.34	16.02	19.19	28.00
2437MHz	Pass	8.00	16.48	16.01	19.26	28.00
2462MHz	Pass	8.00	16.32	16.01	19.18	28.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	8.00	12.84	11.85	15.38	28.00
2437MHz	Pass	8.00	16.35	16.18	19.28	28.00
2462MHz	Pass	8.00	13.52	12.22	15.93	28.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	8.00	13.74	12.58	16.21	28.00
2437MHz	Pass	8.00	16.08	16.25	19.18	28.00
2462MHz	Pass	8.00	12.53	11.42	15.02	28.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	8.00	12.26	11.58	14.94	28.00
2437MHz	Pass	8.00	16.47	16.01	19.26	28.00
2452MHz	Pass	8.00	10.88	9.87	13.41	28.00

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

Summary

Mode	PD (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-
2.4-2.4835GHz	-8.13
802.11g_Nss1,(6Mbps)_2TX	-
2.4-2.4835GHz	-9.58
802.11n HT20_Nss1,(MCS0)_2TX	-
2.4-2.4835GHz	-9.64
802.11n HT40_Nss1,(MCS0)_2TX	-
2.4-2.4835GHz	-11.19

RBW=3kHz.

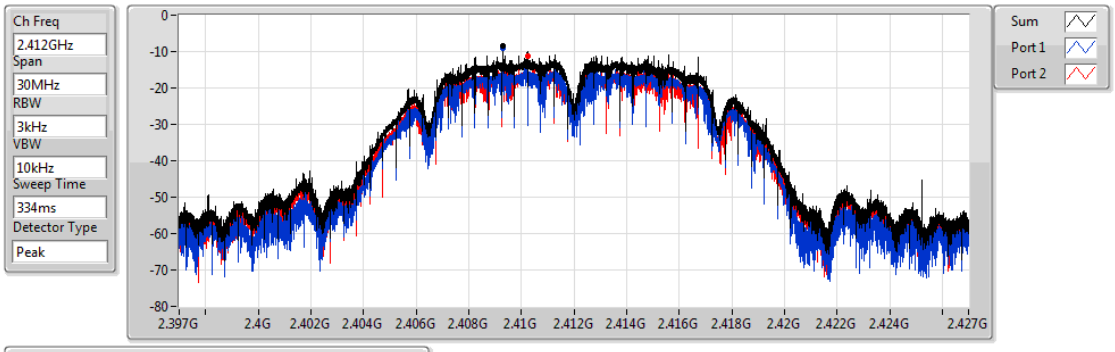
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	11.01	-9.14	-11.32	-8.37	2.99
2437MHz	Pass	11.01	-10.65	-11.34	-9.66	2.99
2462MHz	Pass	11.01	-11.05	-10.47	-8.13	2.99
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	11.01	-15.55	-16.06	-13.51	2.99
2437MHz	Pass	11.01	-11.91	-11.38	-9.58	2.99
2462MHz	Pass	11.01	-14.96	-14.31	-12.34	2.99
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	11.01	-14.50	-16.61	-12.93	2.99
2437MHz	Pass	11.01	-11.67	-11.92	-9.64	2.99
2462MHz	Pass	11.01	-15.58	-15.99	-13.11	2.99
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	11.01	-18.58	-17.70	-16.15	2.99
2437MHz	Pass	11.01	-13.73	-13.24	-11.19	2.99
2452MHz	Pass	11.01	-19.23	-18.92	-16.59	2.99

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

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

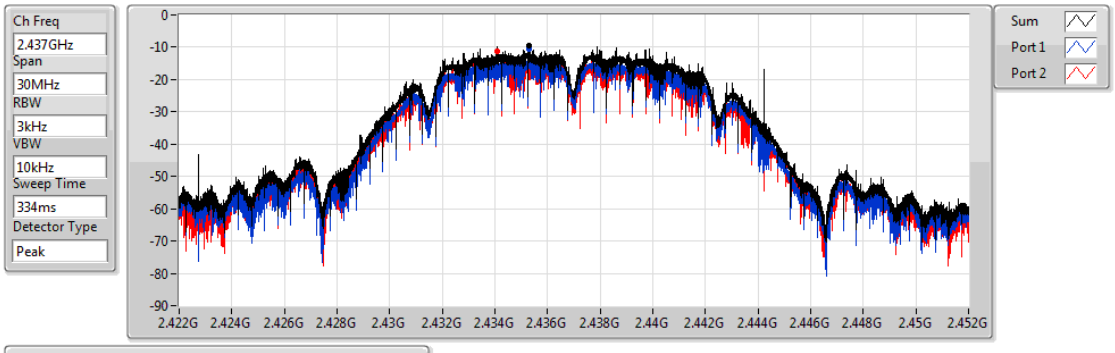
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.37	-8.37	-9.14	-11.32

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

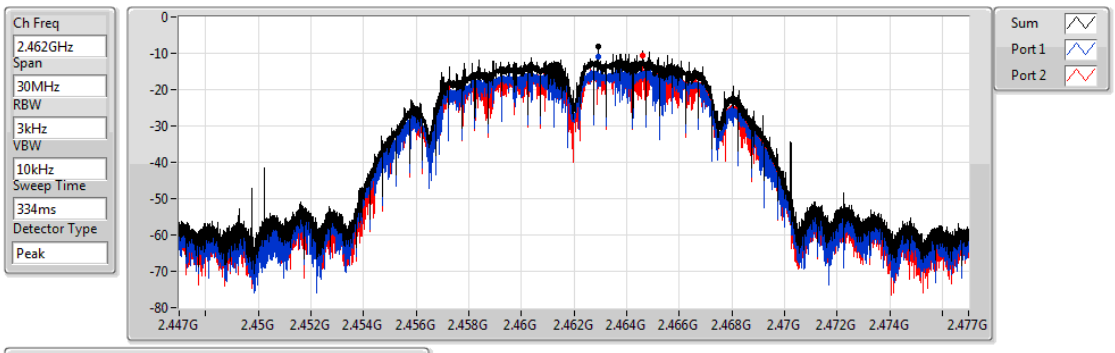
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.66	-9.66	-10.65	-11.34

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

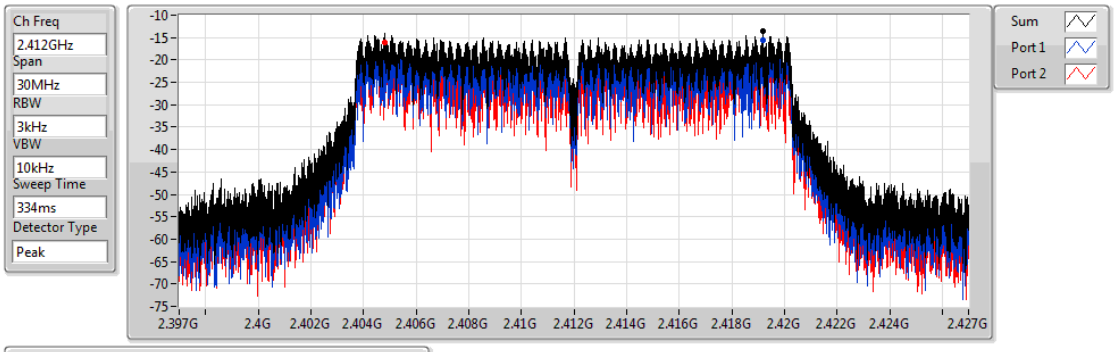
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.13	-8.13	-11.05	-10.47

802.11g_Nss1,(6Mbps)_2TX PSD

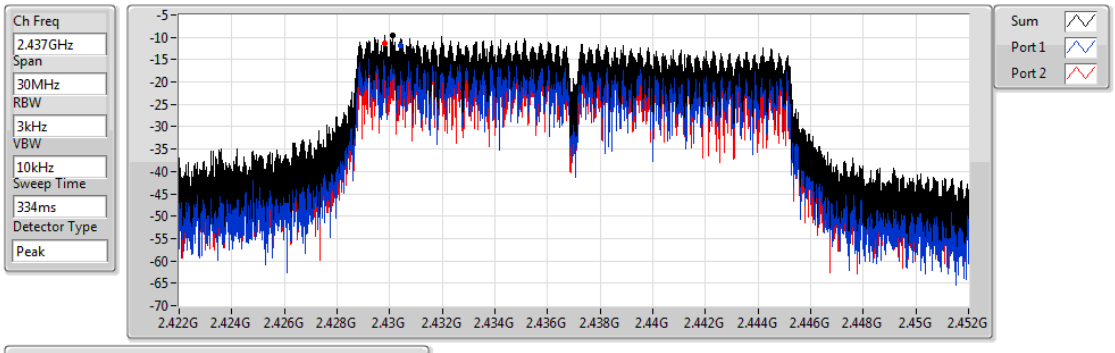
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.51	-13.51	-15.55	-16.06

802.11g_Nss1,(6Mbps)_2TX PSD

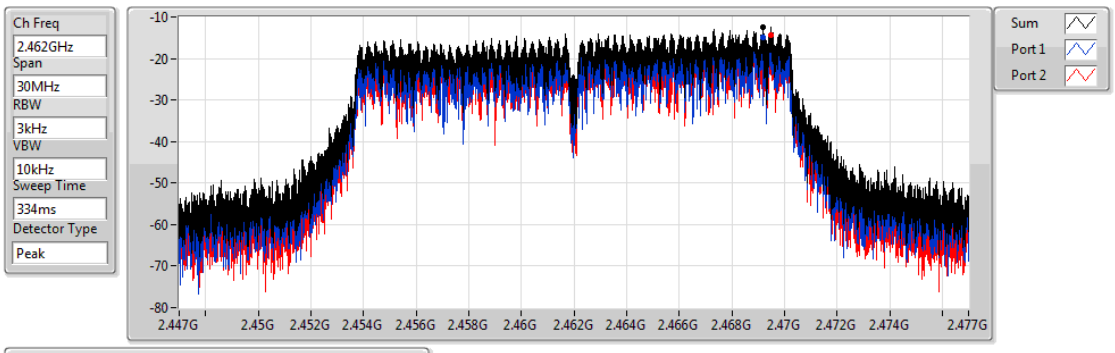
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.58	-9.58	-11.91	-11.38

802.11g_Nss1,(6Mbps)_2TX PSD

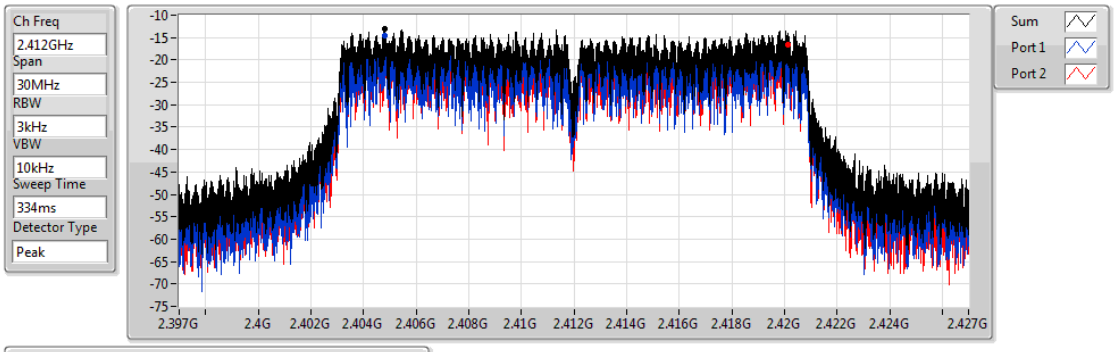
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.34	-12.34	-14.96	-14.31

802.11n HT20_Nss1,(MCS0)_2TX PSD

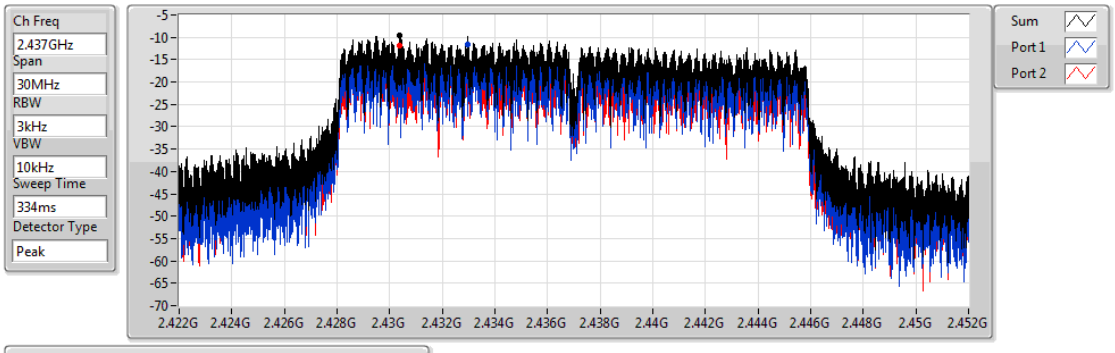
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.93	-12.93	-14.50	-16.61

802.11n HT20_Nss1,(MCS0)_2TX PSD

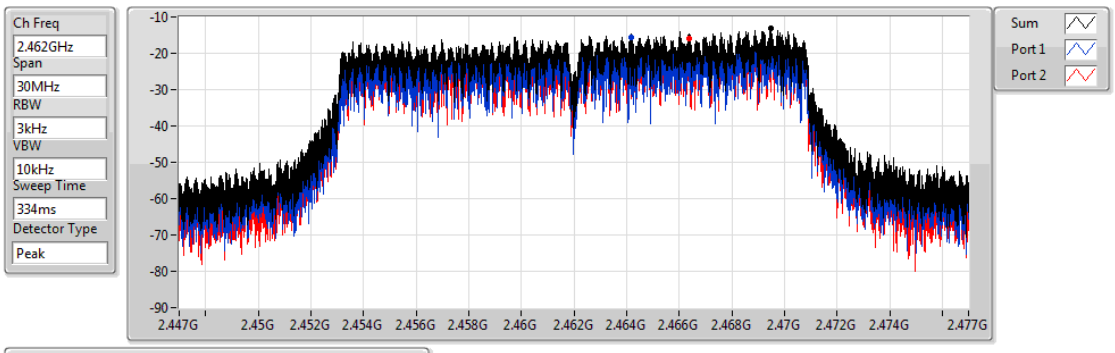
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.64	-9.64	-11.67	-11.92

802.11n HT20_Nss1,(MCS0)_2TX PSD

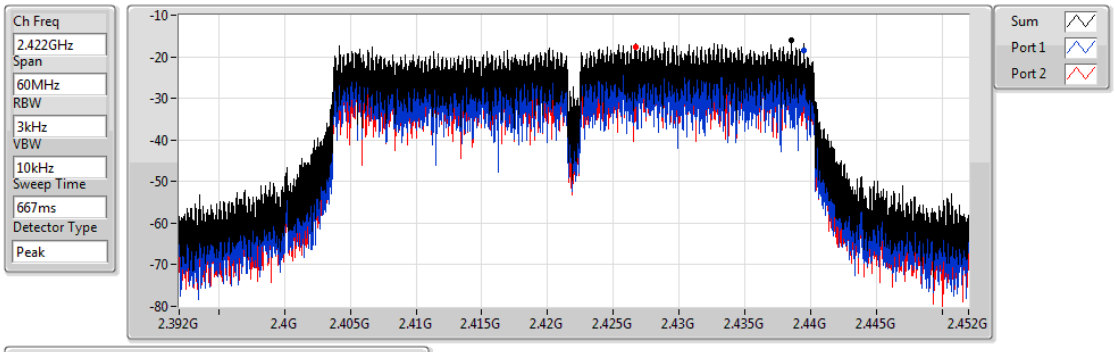
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.11	-13.11	-15.58	-15.99

802.11n HT40_Nss1,(MCS0)_2TX PSD

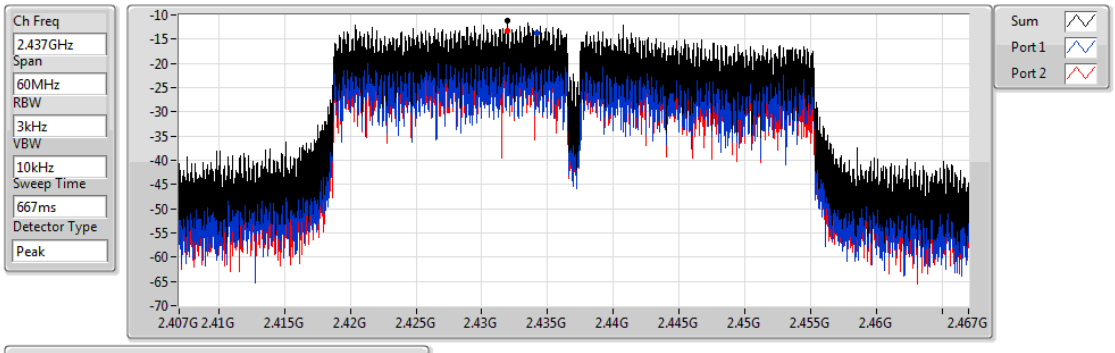
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-16.15	-16.15	-18.58	-17.70

802.11n HT40_Nss1,(MCS0)_2TX PSD

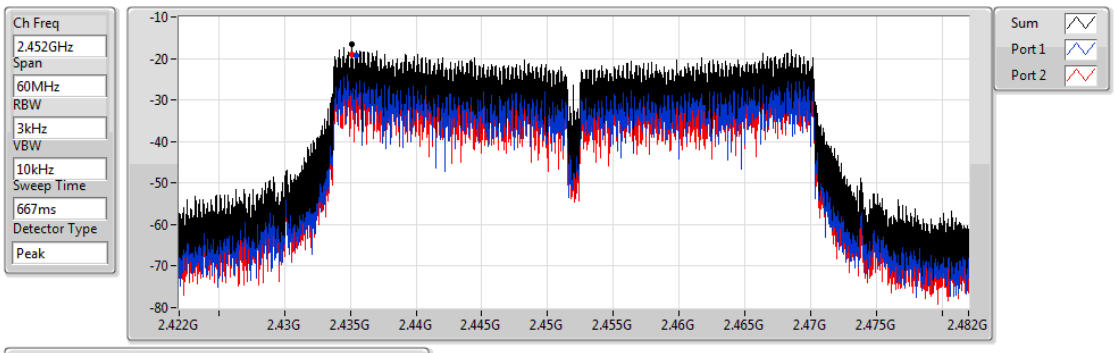
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.19	-11.19	-13.73	-13.24

802.11n HT40_Nss1,(MCS0)_2TX PSD

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-16.59	-16.59	-19.23	-18.92

Summary

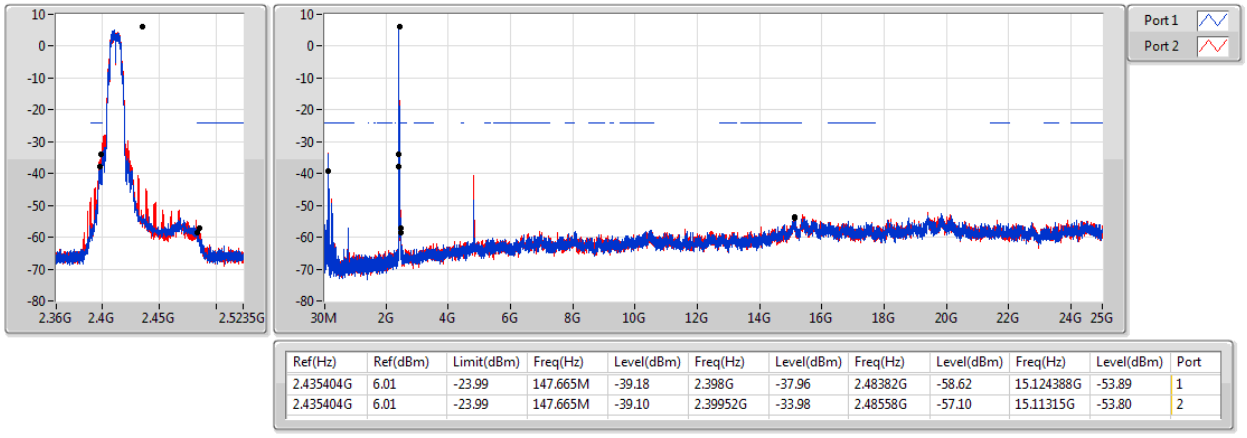
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	2.429392G	2.60	-27.40	146.79M	-39.02	2.39952G	-27.90	2.48382G	-45.69	15.335478G	-53.33	2

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.435404G	6.01	-23.99	147.665M	-39.18	2.398G	-37.96	2.48382G	-58.62	15.124388G	-53.89	1
2412MHz	Pass	2.435404G	6.01	-23.99	147.665M	-39.10	2.39952G	-33.98	2.48558G	-57.10	15.11315G	-53.80	2
2437MHz	Pass	2.435404G	6.01	-23.99	147.665M	-39.00	2.39664G	-60.34	2.48414G	-61.63	24.620709G	-53.95	1
2437MHz	Pass	2.435404G	6.01	-23.99	147.665M	-39.04	2.3988G	-50.47	2.48486G	-55.64	15.101911G	-53.35	2
2462MHz	Pass	2.435404G	6.01	-23.99	147.665M	-39.15	2.39984G	-56.10	2.48366G	-56.61	24.460564G	-53.48	1
2462MHz	Pass	2.435404G	6.01	-23.99	147.665M	-39.22	2.39896G	-52.37	2.48454G	-47.61	15.11034G	-52.98	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.430728G	5.88	-24.12	147.665M	-38.88	2.39992G	-32.00	2.48366G	-60.65	15.326676G	-53.74	1
2412MHz	Pass	2.430728G	5.88	-24.12	147.665M	-38.95	2.39872G	-32.24	2.48502G	-60.79	15.104721G	-52.67	2
2437MHz	Pass	2.430728G	5.88	-24.12	147.665M	-38.90	2.39864G	-54.83	2.48398G	-57.00	15.096292G	-54.28	1
2437MHz	Pass	2.430728G	5.88	-24.12	147.665M	-38.98	2.39848G	-54.01	2.48406G	-58.19	15.323867G	-52.90	2
2462MHz	Pass	2.430728G	5.88	-24.12	147.665M	-38.96	2.39768G	-59.35	2.48382G	-45.77	24.438088G	-53.50	1
2462MHz	Pass	2.430728G	5.88	-24.12	147.665M	-38.96	2.39824G	-59.85	2.48382G	-47.50	15.121578G	-54.63	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.444422G	3.57	-26.43	147.665M	-38.83	2.39984G	-30.78	2.4839G	-59.35	24.584185G	-54.05	1
2412MHz	Pass	2.444422G	3.57	-26.43	147.665M	-38.97	2.39976G	-30.94	2.48446G	-59.39	24.48585G	-53.98	2
2437MHz	Pass	2.444422G	3.57	-26.43	147.665M	-38.80	2.39792G	-53.84	2.48422G	-58.00	15.340724G	-53.11	1
2437MHz	Pass	2.444422G	3.57	-26.43	147.665M	-38.77	2.39968G	-51.71	2.48358G	-56.21	15.076625G	-54.12	2
2462MHz	Pass	2.444422G	3.57	-26.43	147.665M	-38.96	2.39728G	-59.72	2.48446G	-47.96	24.440897G	-53.86	1
2462MHz	Pass	2.444422G	3.57	-26.43	147.665M	-38.90	2.39992G	-59.32	2.48406G	-47.52	15.115959G	-52.60	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.429392G	2.60	-27.40	146.79M	-39.26	2.3992G	-35.85	2.48366G	-61.16	15.099894G	-53.47	1
2422MHz	Pass	2.429392G	2.60	-27.40	146.79M	-38.96	2.39856G	-37.38	2.48398G	-60.31	24.419456G	-53.78	2
2437MHz	Pass	2.429392G	2.60	-27.40	146.79M	-39.06	2.39968G	-30.79	2.48446G	-44.90	15.108308G	-54.42	1
2437MHz	Pass	2.429392G	2.60	-27.40	146.79M	-39.02	2.39952G	-27.90	2.48382G	-45.69	15.335478G	-53.33	2
2452MHz	Pass	2.429392G	2.60	-27.40	146.79M	-38.97	2.39984G	-56.53	2.48382G	-47.02	15.116722G	-54.51	1
2452MHz	Pass	2.429392G	2.60	-27.40	146.79M	-39.00	2.39952G	-57.53	2.48446G	-47.24	17.542668G	-54.11	2

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

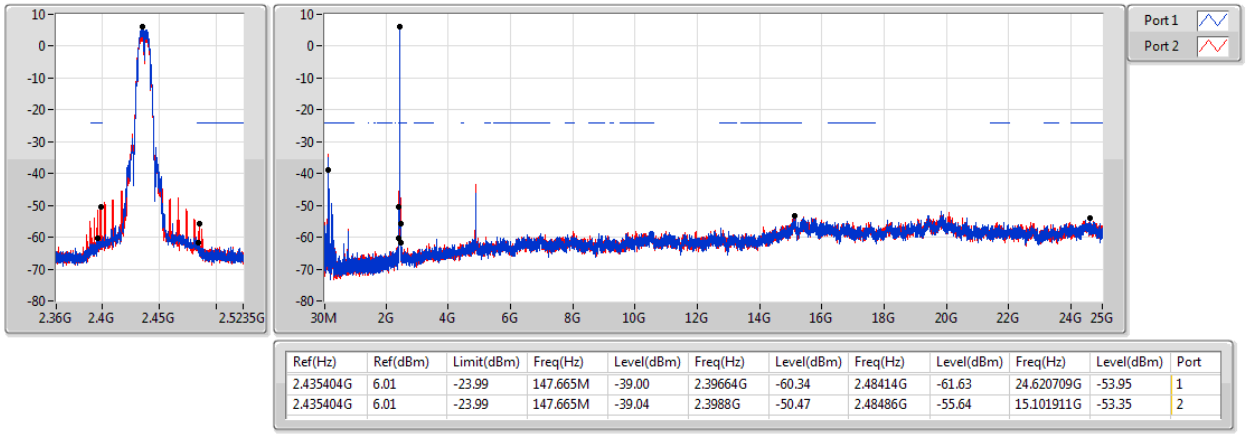
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435404G	6.01	-23.99	147.665M	-39.18	2.398G	-37.96	2.48382G	-58.62	15.124388G	-53.89	1
2.435404G	6.01	-23.99	147.665M	-39.10	2.39952G	-33.98	2.48558G	-57.10	15.11315G	-53.80	2

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

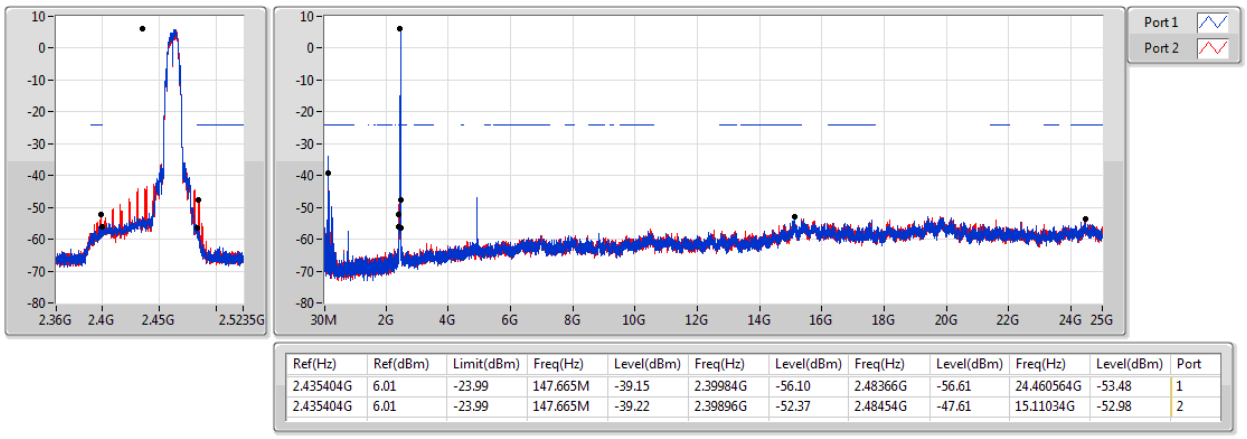
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435404G	6.01	-23.99	147.665M	-39.00	2.39664G	-60.34	2.48414G	-61.63	24.620709G	-53.95	1
2.435404G	6.01	-23.99	147.665M	-39.04	2.3988G	-50.47	2.48486G	-55.64	15.101911G	-53.35	2

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

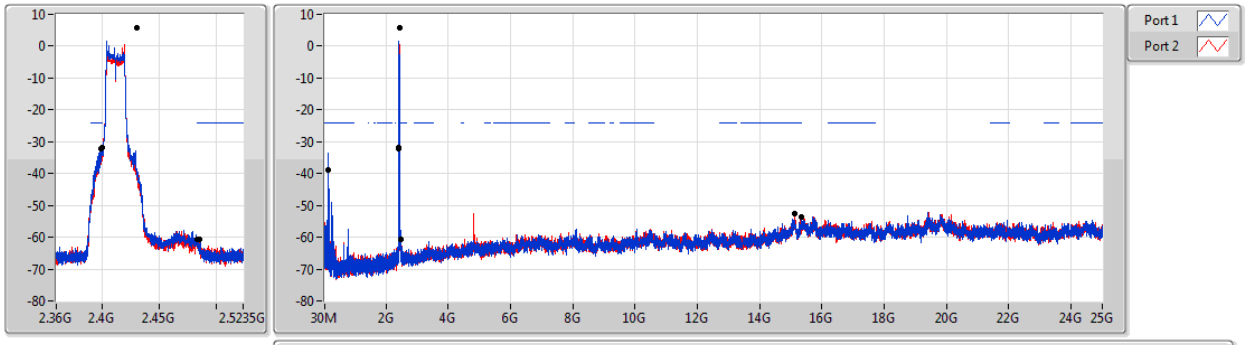
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435404G	6.01	-23.99	147.665M	-39.15	2.39984G	-56.10	2.48366G	-56.61	24.460564G	-53.48	1
2.435404G	6.01	-23.99	147.665M	-39.22	2.39896G	-52.37	2.48454G	-47.61	15.11034G	-52.98	2

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

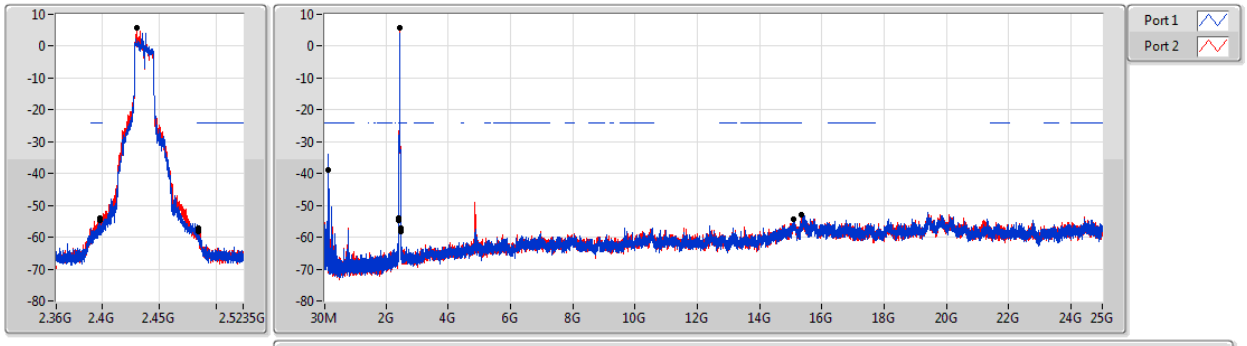
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.430728G	5.88	-24.12	147.665M	-38.88	2.39992G	-32.00	2.48366G	-60.65	15.326676G	-53.74	1
2.430728G	5.88	-24.12	147.665M	-38.95	2.39872G	-32.24	2.48502G	-60.79	15.104721G	-52.67	2

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

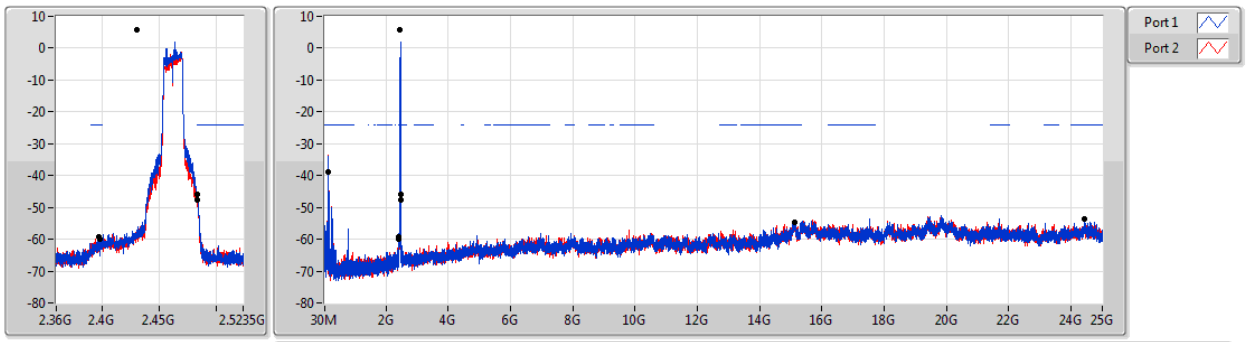
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.430728G	5.88	-24.12	147.665M	-38.90	2.39864G	-54.83	2.48398G	-57.00	15.096292G	-54.28	1
2.430728G	5.88	-24.12	147.665M	-38.98	2.39848G	-54.01	2.48406G	-58.19	15.323867G	-52.90	2

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

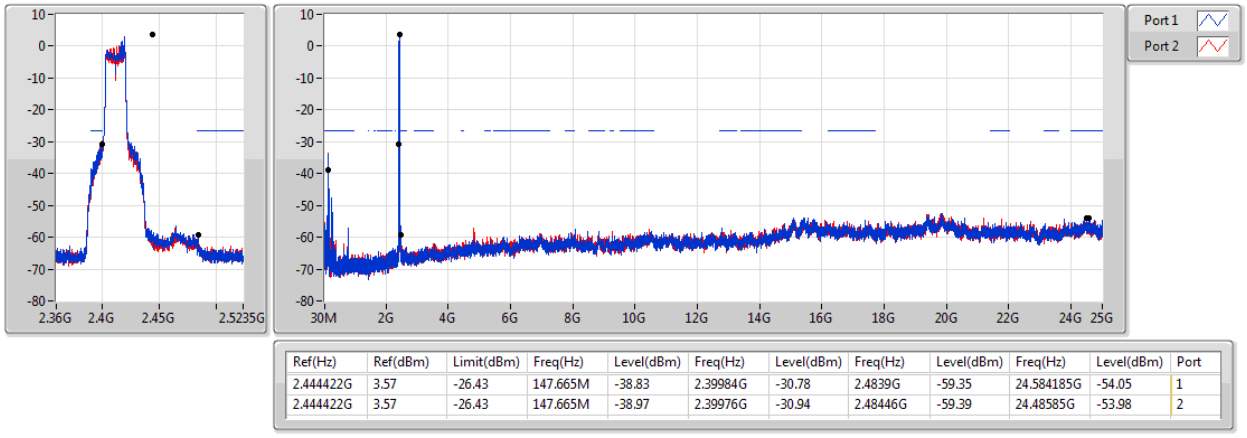
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.430728G	5.88	-24.12	147.665M	-38.96	2.39768G	-59.35	2.48382G	-45.77	24.438088G	-53.50	1
2.430728G	5.88	-24.12	147.665M	-38.96	2.39824G	-59.85	2.48382G	-47.50	15.121578G	-54.63	2

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

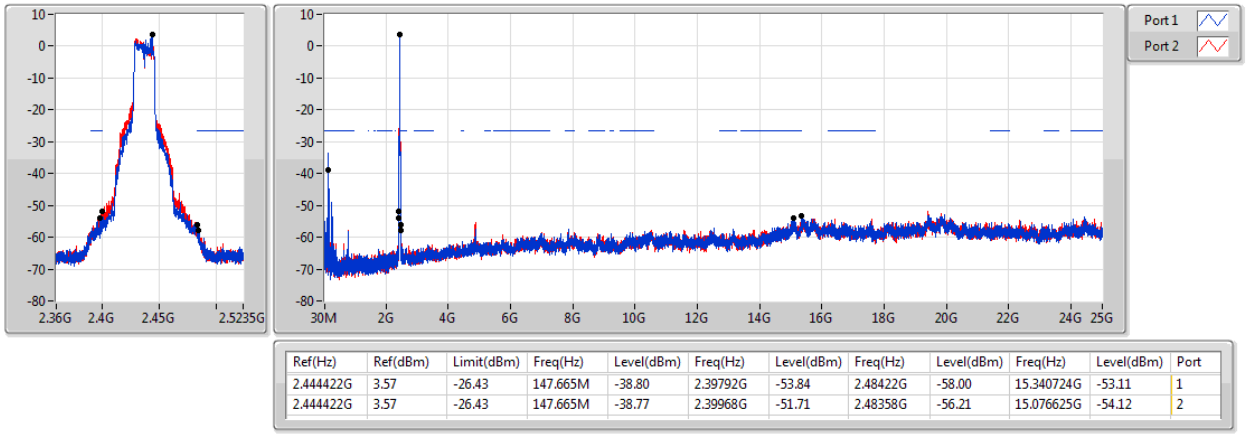
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.444422G	3.57	-26.43	147.665M	-38.83	2.39984G	-30.78	2.4839G	-59.35	24.584185G	-54.05	1
2.444422G	3.57	-26.43	147.665M	-38.97	2.39976G	-30.94	2.48446G	-59.39	24.48585G	-53.98	2

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

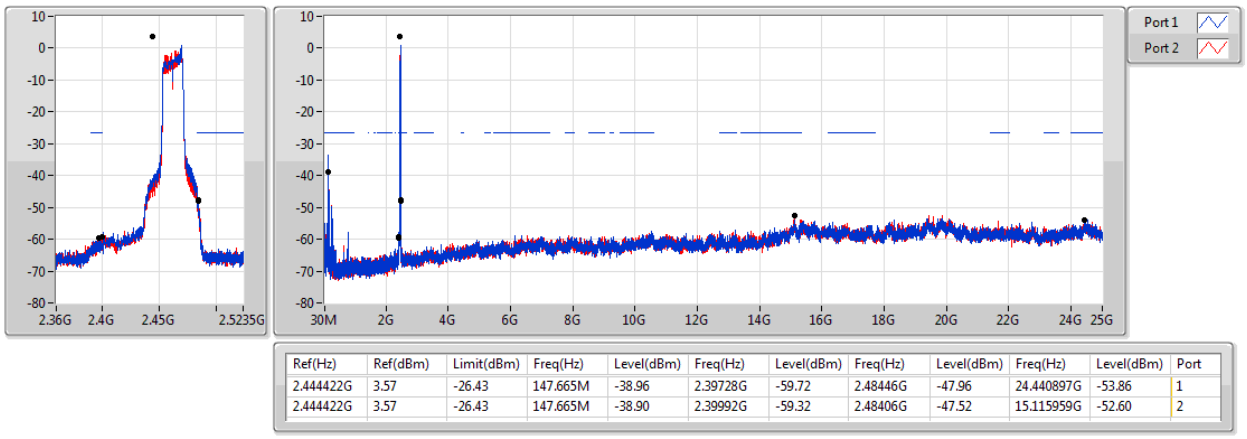
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.444422G	3.57	-26.43	147.665M	-38.80	2.39792G	-53.84	2.48422G	-58.00	15.340724G	-53.11	1
2.444422G	3.57	-26.43	147.665M	-38.77	2.39968G	-51.71	2.48358G	-56.21	15.076625G	-54.12	2

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

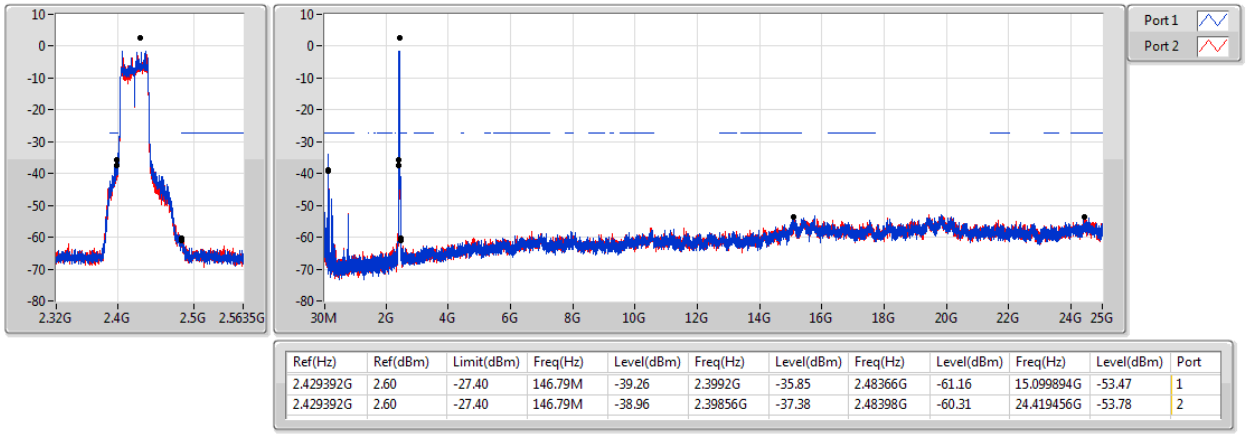
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.444422G	3.57	-26.43	147.665M	-38.96	2.39728G	-59.72	2.48446G	-47.96	24.440897G	-53.86	1
2.444422G	3.57	-26.43	147.665M	-38.90	2.39992G	-59.32	2.48406G	-47.52	15.115959G	-52.60	2

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

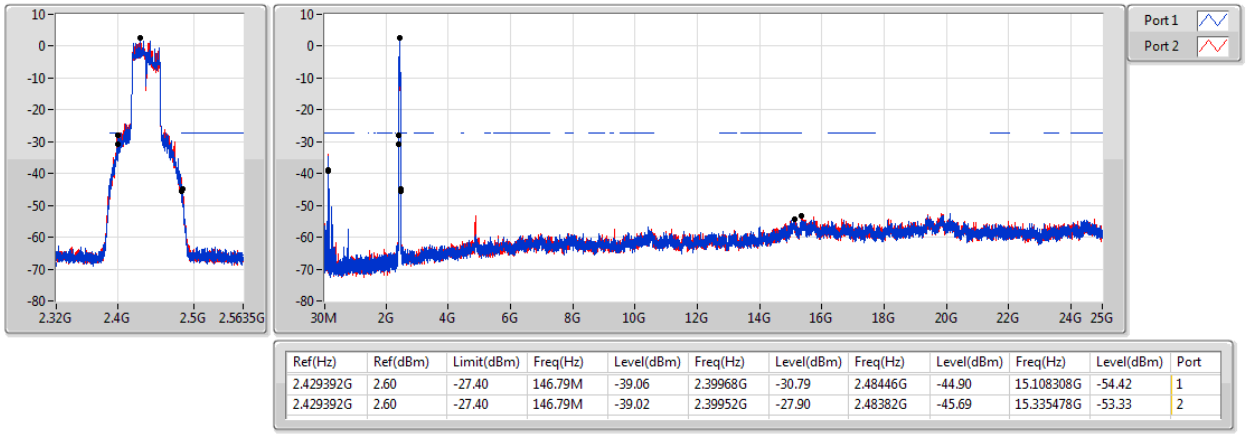
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.429392G	2.60	-27.40	146.79M	-39.26	2.3992G	-35.85	2.48366G	-61.16	15.099894G	-53.47	1
2.429392G	2.60	-27.40	146.79M	-38.96	2.39856G	-37.38	2.48398G	-60.31	24.419456G	-53.78	2

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

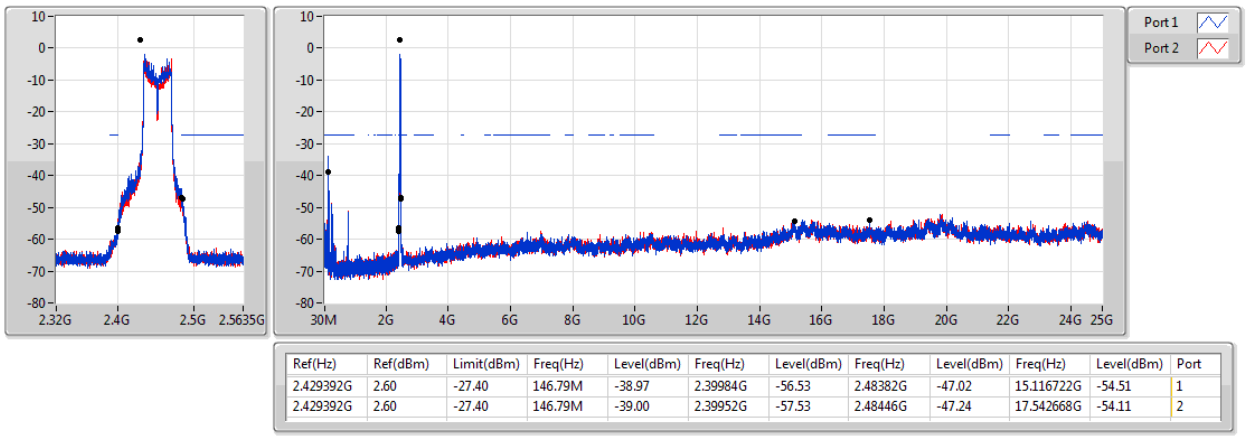
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.429392G	2.60	-27.40	146.79M	-39.06	2.39968G	-30.79	2.48446G	-44.90	15.108308G	-54.42	1
2.429392G	2.60	-27.40	146.79M	-39.02	2.39952G	-27.90	2.48382G	-45.69	15.335478G	-53.33	2

802.11n HT40_Nss1,(MCS0)_2TX **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
2.429392G	2.60	-27.40	146.79M	-38.97	2.39984G	-56.53	2.48382G	-47.02	15.116722G	-54.51	1
2.429392G	2.60	-27.40	146.79M	-39.00	2.39952G	-57.53	2.48446G	-47.24	17.542668G	-54.11	2

Summary

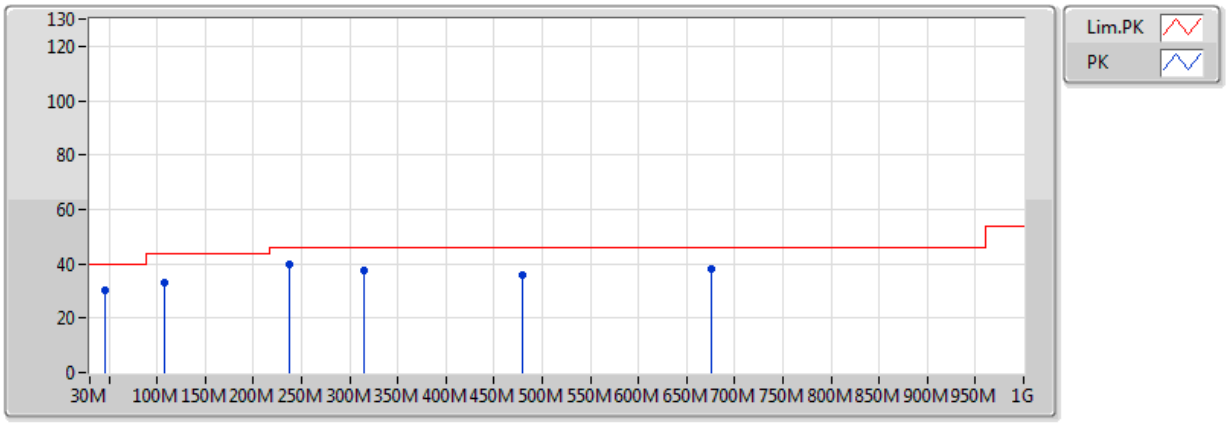
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	PK	315.18M	40.18	46.00	-5.82	-6.14	3	Horizontal	0	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	86.26M	33.42	40.00	-6.58	-13.23	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	119.24M	37.33	43.50	-6.17	-8.87	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	315.18M	40.18	46.00	-5.82	-6.14	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	402.48M	37.84	46.00	-8.16	-4.01	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	567.38M	34.32	46.00	-11.68	-1.15	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	743.92M	33.80	46.00	-12.20	0.57	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	45.52M	30.45	40.00	-9.55	-11.84	3	Vertical	360	1.00	-
2437MHz	Pass	PK	107.6M	33.03	43.50	-10.47	-9.53	3	Vertical	360	1.00	-
2437MHz	Pass	PK	237.58M	39.71	46.00	-6.29	-9.02	3	Vertical	360	1.00	-
2437MHz	Pass	PK	315.18M	37.33	46.00	-8.67	-6.14	3	Vertical	360	1.00	-
2437MHz	Pass	PK	480.08M	35.83	46.00	-10.17	-2.79	3	Vertical	360	1.00	-
2437MHz	Pass	PK	676.02M	38.21	46.00	-7.79	-0.51	3	Vertical	360	1.00	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_Adapter

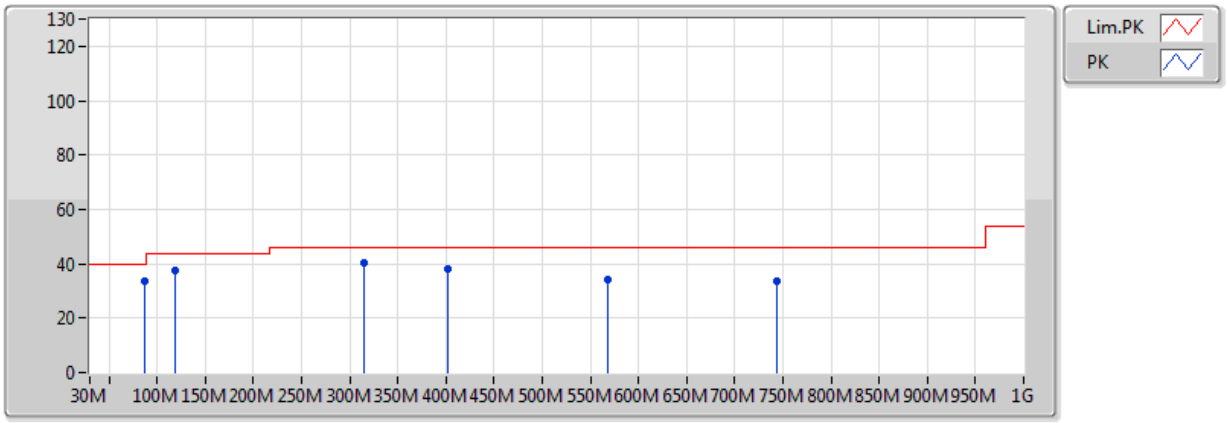


EUT=Z,ANT=Y

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	45.52M	30.45	40.00	-9.55	-11.84	3	Vertical	360	1.00	-	42.29	14.78	1.00	27.62
PK	107.6M	33.03	43.50	-10.47	-9.53	3	Vertical	360	1.00	-	42.56	16.81	1.44	27.78
PK	237.58M	39.71	46.00	-6.29	-9.02	3	Vertical	360	1.00	-	48.73	16.12	2.21	27.35
PK	315.18M	37.33	46.00	-8.67	-6.14	3	Vertical	360	1.00	-	43.47	18.63	2.55	27.32
PK	480.08M	35.83	46.00	-10.17	-2.79	3	Vertical	360	1.00	-	38.62	22.26	3.33	28.38
PK	676.02M	38.21	46.00	-7.79	-0.51	3	Vertical	360	1.00	-	38.72	23.98	3.93	28.42

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_Adapter



EUT=Z,ANT=Y

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	86.26M	33.42	40.00	-6.58	-13.23	3	Horizontal	0	1.00	-	46.65	13.16	1.35	27.74
PK	119.24M	37.33	43.50	-6.17	-8.87	3	Horizontal	0	1.00	-	46.20	17.27	1.60	27.74
PK	315.18M	40.18	46.00	-5.82	-6.14	3	Horizontal	0	1.00	-	46.32	18.63	2.55	27.32
PK	402.48M	37.84	46.00	-8.16	-4.01	3	Horizontal	0	1.00	-	41.85	20.95	3.01	27.97
PK	567.38M	34.32	46.00	-11.68	-1.15	3	Horizontal	0	1.00	-	35.47	23.77	3.62	28.54
PK	743.92M	33.80	46.00	-12.20	0.57	3	Horizontal	0	1.00	-	33.23	24.65	4.16	28.24

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	AV	2.483502G	53.88	54.00	-0.12	31.53	3	Horizontal	191	2.44	-

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_(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3878G	52.47	54.00	-1.53	31.16	3	Horizontal	199	2.56	-
2412MHz	Pass	AV	2.409G	109.55	Inf	-Inf	31.24	3	Horizontal	199	2.56	-
2412MHz	Pass	PK	2.39G	69.39	74.00	-4.61	31.17	3	Horizontal	199	2.56	-
2412MHz	Pass	PK	2.4092G	112.52	Inf	-Inf	31.24	3	Horizontal	199	2.56	-
2412MHz	Pass	AV	2.3882G	47.46	54.00	-6.54	31.16	3	Vertical	112	3.57	-
2412MHz	Pass	AV	2.4098G	101.09	Inf	-Inf	31.25	3	Vertical	112	3.57	-
2412MHz	Pass	PK	2.3894G	60.22	74.00	-13.78	31.17	3	Vertical	112	3.57	-
2412MHz	Pass	PK	2.4092G	104.19	Inf	-Inf	31.24	3	Vertical	112	3.57	-
2412MHz	Pass	AV	4.824G	48.88	54.00	-5.12	2.48	3	Horizontal	2	1.50	-
2412MHz	Pass	PK	4.824G	52.48	74.00	-21.52	2.48	3	Horizontal	2	1.50	-
2412MHz	Pass	AV	4.824G	50.68	54.00	-3.32	2.48	3	Vertical	96	3.14	-
2412MHz	Pass	PK	4.824G	53.38	74.00	-20.62	2.48	3	Vertical	96	3.14	-
2437MHz	Pass	AV	2.3894G	46.62	54.00	-7.38	31.17	3	Horizontal	6	1.13	-
2437MHz	Pass	AV	2.4358G	106.90	Inf	-Inf	31.35	3	Horizontal	6	1.13	-
2437MHz	Pass	AV	2.4842G	47.42	54.00	-6.58	31.53	3	Horizontal	6	1.13	-
2437MHz	Pass	PK	2.3426G	58.47	74.00	-15.53	30.99	3	Horizontal	6	1.13	-
2437MHz	Pass	PK	2.4358G	109.67	Inf	-Inf	31.35	3	Horizontal	6	1.13	-
2437MHz	Pass	PK	2.4962G	58.84	74.00	-15.16	31.58	3	Horizontal	6	1.13	-
2437MHz	Pass	AV	2.3894G	46.43	54.00	-7.57	31.17	3	Vertical	241	3.51	-
2437MHz	Pass	AV	2.435G	100.86	Inf	-Inf	31.34	3	Vertical	241	3.51	-
2437MHz	Pass	AV	2.4954G	47.21	54.00	-6.79	31.57	3	Vertical	241	3.51	-
2437MHz	Pass	PK	2.359G	57.57	74.00	-16.43	31.05	3	Vertical	241	3.51	-
2437MHz	Pass	PK	2.435G	103.62	Inf	-Inf	31.34	3	Vertical	241	3.51	-
2437MHz	Pass	PK	2.4982G	58.12	74.00	-15.88	31.58	3	Vertical	241	3.51	-
2437MHz	Pass	AV	4.874G	50.55	54.00	-3.45	2.55	3	Horizontal	1	1.17	-
2437MHz	Pass	PK	4.874G	53.55	74.00	-20.45	2.55	3	Horizontal	1	1.17	-
2437MHz	Pass	AV	4.874G	49.44	54.00	-4.56	2.55	3	Vertical	108	3.25	-
2437MHz	Pass	PK	4.874G	53.43	74.00	-20.57	2.55	3	Vertical	108	3.25	-
2462MHz	Pass	AV	2.4642G	103.14	Inf	-Inf	31.45	3	Horizontal	6	1.50	-
2462MHz	Pass	AV	2.4838G	47.65	54.00	-6.35	31.53	3	Horizontal	6	1.50	-
2462MHz	Pass	PK	2.4648G	106.17	Inf	-Inf	31.46	3	Horizontal	6	1.50	-
2462MHz	Pass	PK	2.4836G	64.26	74.00	-9.74	31.53	3	Horizontal	6	1.50	-
2462MHz	Pass	AV	2.465G	94.11	Inf	-Inf	31.46	3	Vertical	115	2.76	-
2462MHz	Pass	AV	2.4926G	47.25	54.00	-6.75	31.56	3	Vertical	115	2.76	-
2462MHz	Pass	PK	2.4648G	97.27	Inf	-Inf	31.46	3	Vertical	115	2.76	-
2462MHz	Pass	PK	2.4914G	59.58	74.00	-14.42	31.56	3	Vertical	115	2.76	-
2462MHz	Pass	AV	4.924G	50.54	54.00	-3.46	2.63	3	Horizontal	17	3.66	-
2462MHz	Pass	PK	4.924G	53.83	74.00	-20.17	2.63	3	Horizontal	17	3.66	-
2462MHz	Pass	AV	4.924G	48.63	54.00	-5.37	2.63	3	Vertical	107	1.14	-
2462MHz	Pass	PK	4.924G	52.63	74.00	-21.37	2.63	3	Vertical	107	1.14	-
802.11g_(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	52.95	54.00	-1.05	31.17	3	Horizontal	196	2.57	-
2412MHz	Pass	AV	2.4046G	101.43	Inf	-Inf	31.23	3	Horizontal	196	2.57	-
2412MHz	Pass	PK	2.3898G	68.86	74.00	-5.14	31.17	3	Horizontal	196	2.57	-
2412MHz	Pass	PK	2.4048G	109.12	Inf	-Inf	31.23	3	Horizontal	196	2.57	-
2412MHz	Pass	AV	2.3898G	47.95	54.00	-6.05	31.17	3	Vertical	262	3.25	-
2412MHz	Pass	AV	2.4046G	93.29	Inf	-Inf	31.23	3	Vertical	262	3.25	-

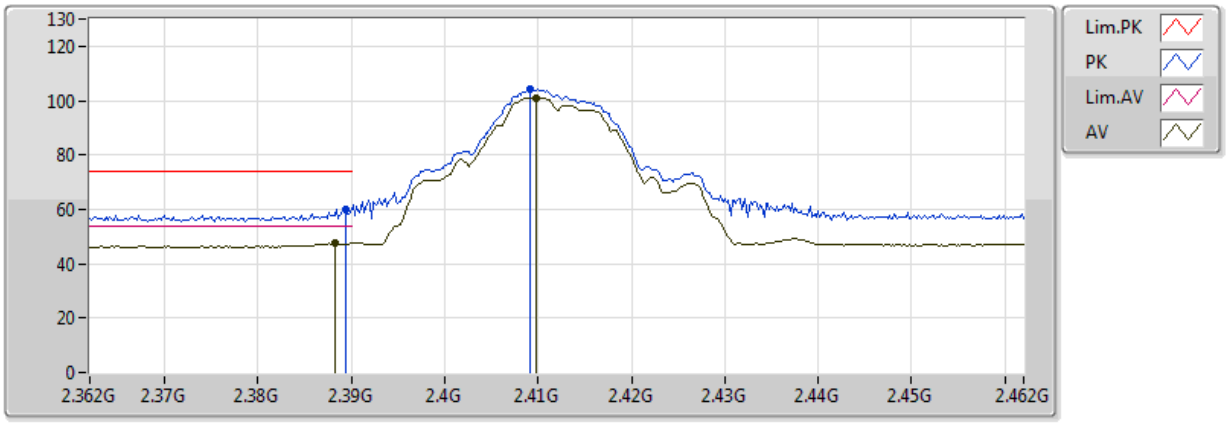
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	PK	2.3898G	60.16	74.00	-13.84	31.17	3	Vertical	262	3.25	-
2412MHz	Pass	PK	2.4046G	100.89	Inf	-Inf	31.23	3	Vertical	262	3.25	-
2412MHz	Pass	AV	4.824G	36.68	54.00	-17.32	2.48	3	Horizontal	356	1.91	-
2412MHz	Pass	PK	4.824G	48.68	74.00	-25.32	2.48	3	Horizontal	356	1.91	-
2412MHz	Pass	AV	4.824G	36.06	54.00	-17.94	2.48	3	Vertical	139	1.50	-
2412MHz	Pass	PK	4.824G	47.37	74.00	-26.63	2.48	3	Vertical	139	1.50	-
2437MHz	Pass	AV	2.389998G	48.41	54.00	-5.59	31.17	3	Horizontal	183	2.21	-
2437MHz	Pass	AV	2.4358G	109.73	Inf	-Inf	31.35	3	Horizontal	183	2.21	-
2437MHz	Pass	AV	2.483502G	52.50	54.00	-1.50	31.53	3	Horizontal	183	2.21	-
2437MHz	Pass	PK	2.389998G	59.30	74.00	-14.70	31.17	3	Horizontal	183	2.21	-
2437MHz	Pass	PK	2.4354G	117.78	Inf	-Inf	31.34	3	Horizontal	183	2.21	-
2437MHz	Pass	PK	2.485G	64.20	74.00	-9.80	31.53	3	Horizontal	183	2.21	-
2437MHz	Pass	AV	2.389998G	46.79	54.00	-7.21	31.17	3	Vertical	246	3.52	-
2437MHz	Pass	AV	2.4298G	102.23	Inf	-Inf	31.32	3	Vertical	246	3.52	-
2437MHz	Pass	AV	2.483502G	47.36	54.00	-6.64	31.53	3	Vertical	246	3.52	-
2437MHz	Pass	PK	2.3542G	57.78	74.00	-16.22	31.03	3	Vertical	246	3.52	-
2437MHz	Pass	PK	2.4294G	110.65	Inf	-Inf	31.32	3	Vertical	246	3.52	-
2437MHz	Pass	PK	2.483502G	58.34	74.00	-15.66	31.53	3	Vertical	246	3.52	-
2437MHz	Pass	AV	4.874G	47.53	54.00	-6.47	2.55	3	Horizontal	0	1.50	-
2437MHz	Pass	AV	7.311G	44.92	54.00	-9.08	8.42	3	Horizontal	61	1.00	-
2437MHz	Pass	PK	4.874G	58.55	74.00	-15.45	2.55	3	Horizontal	0	1.50	-
2437MHz	Pass	PK	7.311G	56.42	74.00	-17.58	8.42	3	Horizontal	61	1.00	-
2437MHz	Pass	AV	4.874G	47.55	54.00	-6.45	2.55	3	Vertical	71	2.87	-
2437MHz	Pass	AV	7.311G	44.19	54.00	-9.81	8.42	3	Vertical	0	1.50	-
2437MHz	Pass	PK	4.874G	59.35	74.00	-14.65	2.55	3	Vertical	71	2.87	-
2437MHz	Pass	PK	7.311G	55.01	74.00	-18.99	8.42	3	Vertical	0	1.50	-
2462MHz	Pass	AV	2.469G	102.49	Inf	-Inf	31.47	3	Horizontal	197	2.44	-
2462MHz	Pass	AV	2.483502G	53.26	54.00	-0.74	31.53	3	Horizontal	197	2.44	-
2462MHz	Pass	PK	2.4686G	109.82	Inf	-Inf	31.47	3	Horizontal	197	2.44	-
2462MHz	Pass	PK	2.4846G	66.66	74.00	-7.34	31.53	3	Horizontal	197	2.44	-
2462MHz	Pass	AV	2.4696G	93.85	Inf	-Inf	31.47	3	Vertical	115	3.36	-
2462MHz	Pass	AV	2.483502G	48.62	54.00	-5.38	31.53	3	Vertical	115	3.36	-
2462MHz	Pass	PK	2.4694G	101.53	Inf	-Inf	31.47	3	Vertical	115	3.36	-
2462MHz	Pass	PK	2.4842G	59.95	74.00	-14.05	31.53	3	Vertical	115	3.36	-
2462MHz	Pass	AV	4.924G	37.13	54.00	-16.87	2.63	3	Horizontal	17	3.69	-
2462MHz	Pass	PK	4.924G	49.22	74.00	-24.78	2.63	3	Horizontal	17	3.69	-
2462MHz	Pass	AV	4.924G	36.33	54.00	-17.67	2.63	3	Vertical	104	1.00	-
2462MHz	Pass	PK	4.924G	48.43	74.00	-25.57	2.63	3	Vertical	104	1.00	-
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	53.22	54.00	-0.78	31.17	3	Horizontal	357	1.01	-
2412MHz	Pass	AV	2.405G	100.90	Inf	-Inf	31.23	3	Horizontal	357	1.01	-
2412MHz	Pass	PK	2.3888G	66.60	74.00	-7.40	31.17	3	Horizontal	357	1.01	-
2412MHz	Pass	PK	2.405G	108.79	Inf	-Inf	31.23	3	Horizontal	357	1.01	-
2412MHz	Pass	AV	2.39G	52.29	54.00	-1.71	31.17	3	Vertical	271	3.58	-
2412MHz	Pass	AV	2.4044G	96.35	Inf	-Inf	31.23	3	Vertical	271	3.58	-
2412MHz	Pass	PK	2.3896G	66.36	74.00	-7.64	31.17	3	Vertical	271	3.58	-
2412MHz	Pass	PK	2.405G	103.93	Inf	-Inf	31.23	3	Vertical	271	3.58	-
2412MHz	Pass	AV	4.824G	38.93	54.00	-15.07	2.48	3	Horizontal	13	1.50	-
2412MHz	Pass	PK	4.824G	50.50	74.00	-23.50	2.48	3	Horizontal	13	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	AV	4.824G	37.54	54.00	-16.46	2.48	3	Vertical	360	1.50	-
2412MHz	Pass	PK	4.824G	50.60	74.00	-23.40	2.48	3	Vertical	360	1.50	-
2437MHz	Pass	AV	2.389998G	49.72	54.00	-4.28	31.17	3	Horizontal	360	1.75	-
2437MHz	Pass	AV	2.4298G	107.60	Inf	-Inf	31.32	3	Horizontal	360	1.75	-
2437MHz	Pass	AV	2.483502G	52.54	54.00	-1.46	31.53	3	Horizontal	360	1.75	-
2437MHz	Pass	PK	2.389G	62.38	74.00	-11.62	31.17	3	Horizontal	360	1.75	-
2437MHz	Pass	PK	2.4298G	115.54	Inf	-Inf	31.32	3	Horizontal	360	1.75	-
2437MHz	Pass	PK	2.483502G	65.50	74.00	-8.50	31.53	3	Horizontal	360	1.75	-
2437MHz	Pass	AV	2.389998G	47.16	54.00	-6.84	31.17	3	Vertical	240	3.55	-
2437MHz	Pass	AV	2.4334G	100.87	Inf	-Inf	31.34	3	Vertical	240	3.55	-
2437MHz	Pass	AV	2.4838G	47.70	54.00	-6.30	31.53	3	Vertical	240	3.55	-
2437MHz	Pass	PK	2.389998G	57.92	74.00	-16.08	31.17	3	Vertical	240	3.55	-
2437MHz	Pass	PK	2.433G	109.19	Inf	-Inf	31.34	3	Vertical	240	3.55	-
2437MHz	Pass	PK	2.489G	58.28	74.00	-15.72	31.55	3	Vertical	240	3.55	-
2437MHz	Pass	AV	4.874G	37.75	54.00	-16.25	2.55	3	Horizontal	6	1.50	-
2437MHz	Pass	PK	4.874G	50.59	74.00	-23.41	2.55	3	Horizontal	6	1.50	-
2437MHz	Pass	AV	4.874G	37.82	54.00	-16.18	2.55	3	Vertical	94	1.19	-
2437MHz	Pass	PK	4.874G	50.70	74.00	-23.30	2.55	3	Vertical	94	1.19	-
2462MHz	Pass	AV	2.4692G	101.59	Inf	-Inf	31.47	3	Horizontal	191	2.44	-
2462MHz	Pass	AV	2.483502G	53.88	54.00	-0.12	31.53	3	Horizontal	191	2.44	-
2462MHz	Pass	PK	2.4676G	108.93	Inf	-Inf	31.47	3	Horizontal	191	2.44	-
2462MHz	Pass	PK	2.4844G	68.54	74.00	-5.46	31.53	3	Horizontal	191	2.44	-
2462MHz	Pass	AV	2.47G	93.15	Inf	-Inf	31.48	3	Vertical	122	3.37	-
2462MHz	Pass	AV	2.483502G	49.32	54.00	-4.68	31.53	3	Vertical	122	3.37	-
2462MHz	Pass	PK	2.4696G	99.93	Inf	-Inf	31.47	3	Vertical	122	3.37	-
2462MHz	Pass	PK	2.4844G	61.61	74.00	-12.39	31.53	3	Vertical	122	3.37	-
2462MHz	Pass	AV	4.924G	34.74	54.00	-19.26	2.63	3	Horizontal	3	1.49	-
2462MHz	Pass	PK	4.924G	46.48	74.00	-27.52	2.63	3	Horizontal	3	1.49	-
2462MHz	Pass	AV	4.924G	36.48	54.00	-17.52	2.63	3	Vertical	98	3.58	-
2462MHz	Pass	PK	4.924G	47.65	74.00	-26.35	2.63	3	Vertical	98	3.58	-
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3896G	53.16	54.00	-0.84	31.17	3	Horizontal	178	2.23	-
2422MHz	Pass	AV	2.4376G	99.03	Inf	-Inf	31.35	3	Horizontal	178	2.23	-
2422MHz	Pass	AV	2.4836G	47.46	54.00	-6.54	31.53	3	Horizontal	178	2.23	-
2422MHz	Pass	PK	2.3896G	67.75	74.00	-6.25	31.17	3	Horizontal	178	2.23	-
2422MHz	Pass	PK	2.4368G	107.29	Inf	-Inf	31.35	3	Horizontal	178	2.23	-
2422MHz	Pass	PK	2.4916G	58.57	74.00	-15.43	31.56	3	Horizontal	178	2.23	-
2422MHz	Pass	AV	2.39G	47.25	54.00	-6.75	31.17	3	Vertical	176	2.58	-
2422MHz	Pass	AV	2.4332G	84.47	Inf	-Inf	31.34	3	Vertical	176	2.58	-
2422MHz	Pass	AV	2.4928G	47.38	54.00	-6.62	31.56	3	Vertical	176	2.58	-
2422MHz	Pass	PK	2.3892G	57.94	74.00	-16.06	31.17	3	Vertical	176	2.58	-
2422MHz	Pass	PK	2.4332G	91.79	Inf	-Inf	31.34	3	Vertical	176	2.58	-
2422MHz	Pass	PK	2.4972G	57.39	74.00	-16.61	31.58	3	Vertical	176	2.58	-
2422MHz	Pass	AV	4.844G	33.93	54.00	-20.07	2.51	3	Horizontal	2	2.86	-
2422MHz	Pass	PK	4.844G	45.29	74.00	-28.71	2.51	3	Horizontal	2	2.86	-
2422MHz	Pass	AV	4.844G	33.58	54.00	-20.42	2.51	3	Vertical	96	3.51	-
2422MHz	Pass	PK	4.844G	44.81	74.00	-29.19	2.51	3	Vertical	96	3.51	-
2437MHz	Pass	AV	2.389998G	53.28	54.00	-0.72	31.17	3	Horizontal	3	1.11	-
2437MHz	Pass	AV	2.4358G	101.16	Inf	-Inf	31.35	3	Horizontal	3	1.11	-

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	52.84	54.00	-1.16	31.53	3	Horizontal	3	1.11	-
2437MHz	Pass	PK	2.3894G	64.43	74.00	-9.57	31.17	3	Horizontal	3	1.11	-
2437MHz	Pass	PK	2.4358G	108.76	Inf	-Inf	31.35	3	Horizontal	3	1.11	-
2437MHz	Pass	PK	2.483502G	65.07	74.00	-8.93	31.53	3	Horizontal	3	1.11	-
2437MHz	Pass	AV	2.389998G	47.99	54.00	-6.01	31.17	3	Vertical	229	3.52	-
2437MHz	Pass	AV	2.433G	93.59	Inf	-Inf	31.34	3	Vertical	229	3.52	-
2437MHz	Pass	AV	2.483502G	48.56	54.00	-5.44	31.53	3	Vertical	229	3.52	-
2437MHz	Pass	PK	2.389998G	59.73	74.00	-14.27	31.17	3	Vertical	229	3.52	-
2437MHz	Pass	PK	2.433G	101.31	Inf	-Inf	31.34	3	Vertical	229	3.52	-
2437MHz	Pass	PK	2.483502G	59.40	74.00	-14.60	31.53	3	Vertical	229	3.52	-
2437MHz	Pass	AV	4.874G	38.03	54.00	-15.97	2.55	3	Horizontal	199	1.87	-
2437MHz	Pass	PK	4.874G	50.54	74.00	-23.46	2.55	3	Horizontal	199	1.87	-
2437MHz	Pass	AV	4.874G	37.27	54.00	-16.73	2.55	3	Vertical	80	3.69	-
2437MHz	Pass	PK	4.874G	48.83	74.00	-25.17	2.55	3	Vertical	80	3.69	-
2452MHz	Pass	AV	2.3896G	46.51	54.00	-7.49	31.17	3	Horizontal	179	2.25	-
2452MHz	Pass	AV	2.4356G	99.64	Inf	-Inf	31.35	3	Horizontal	179	2.25	-
2452MHz	Pass	AV	2.4836G	53.36	54.00	-0.64	31.53	3	Horizontal	179	2.25	-
2452MHz	Pass	PK	2.3876G	57.00	74.00	-17.00	31.16	3	Horizontal	179	2.25	-
2452MHz	Pass	PK	2.4352G	107.17	Inf	-Inf	31.34	3	Horizontal	179	2.25	-
2452MHz	Pass	PK	2.4848G	64.29	74.00	-9.71	31.53	3	Horizontal	179	2.25	-
2452MHz	Pass	AV	2.3888G	46.47	54.00	-7.53	31.17	3	Vertical	175	2.51	-
2452MHz	Pass	AV	2.4348G	84.60	Inf	-Inf	31.34	3	Vertical	175	2.51	-
2452MHz	Pass	AV	2.4836G	47.44	54.00	-6.56	31.53	3	Vertical	175	2.51	-
2452MHz	Pass	PK	2.3552G	56.88	74.00	-17.12	31.04	3	Vertical	175	2.51	-
2452MHz	Pass	PK	2.436G	91.94	Inf	-Inf	31.35	3	Vertical	175	2.51	-
2452MHz	Pass	PK	2.4976G	57.65	74.00	-16.35	31.58	3	Vertical	175	2.51	-
2452MHz	Pass	AV	4.904G	37.02	54.00	-16.98	2.60	3	Horizontal	195	3.27	-
2452MHz	Pass	PK	4.904G	48.51	74.00	-25.49	2.60	3	Horizontal	195	3.27	-
2452MHz	Pass	AV	4.904G	34.24	54.00	-19.76	2.60	3	Vertical	328	3.68	-
2452MHz	Pass	PK	4.904G	45.71	74.00	-28.29	2.60	3	Vertical	328	3.68	-

802.11b_(1Mbps)_2TX

2412MHz_TX

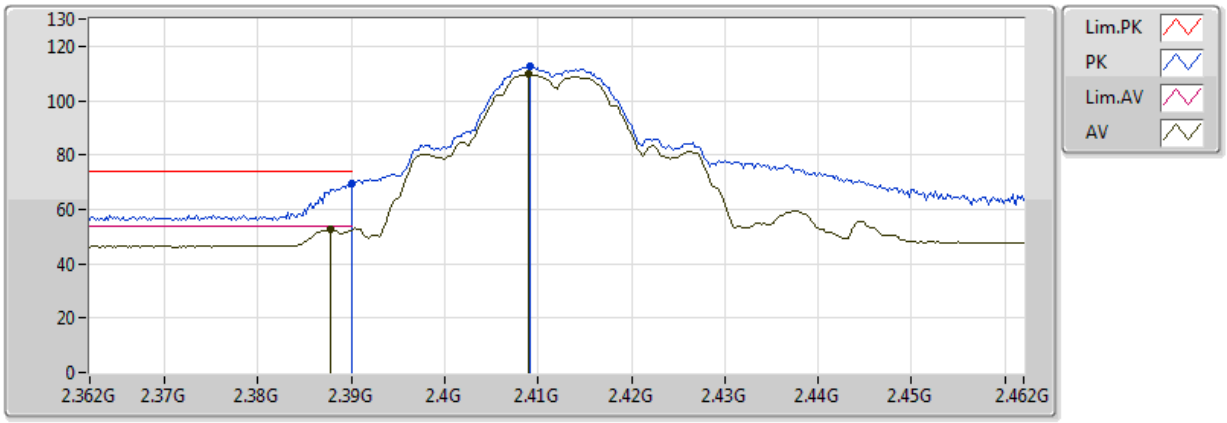


EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3882G	47.46	54.00	-6.54	31.16	3	Vertical	112	3.57	-	16.30	26.99	4.18	-
AV	2.4098G	101.09	Inf	-Inf	31.25	3	Vertical	112	3.57	-	69.85	27.05	4.20	-
PK	2.3894G	60.22	74.00	-13.78	31.17	3	Vertical	112	3.57	-	29.05	26.99	4.18	-
PK	2.4092G	104.19	Inf	-Inf	31.24	3	Vertical	112	3.57	-	72.95	27.05	4.20	-

802.11b_(1Mbps)_2TX

2412MHz_TX



EUT=Z,ANT=Y

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	2.3878G	52.47	54.00	-1.53	31.16	3	Horizontal	199	2.56	-	21.30	26.99	4.18	-
AV	2.409G	109.55	Inf	-Inf	31.24	3	Horizontal	199	2.56	-	78.31	27.05	4.20	-
PK	2.39G	69.39	74.00	-4.61	31.17	3	Horizontal	199	2.56	-	38.22	26.99	4.18	-
PK	2.4092G	112.52	Inf	-Inf	31.24	3	Horizontal	199	2.56	-	81.28	27.05	4.20	-

802.11b_(1Mbps)_2TX

2412MHz_TX

EUT=Z,ANT=Y

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	50.68	54.00	-3.32	2.48	3	Vertical	96	3.14	-	48.20	31.22	6.44	35.18
PK	4.824G	53.38	74.00	-20.62	2.48	3	Vertical	96	3.14	-	50.90	31.22	6.44	35.18

802.11b_(1Mbps)_2TX

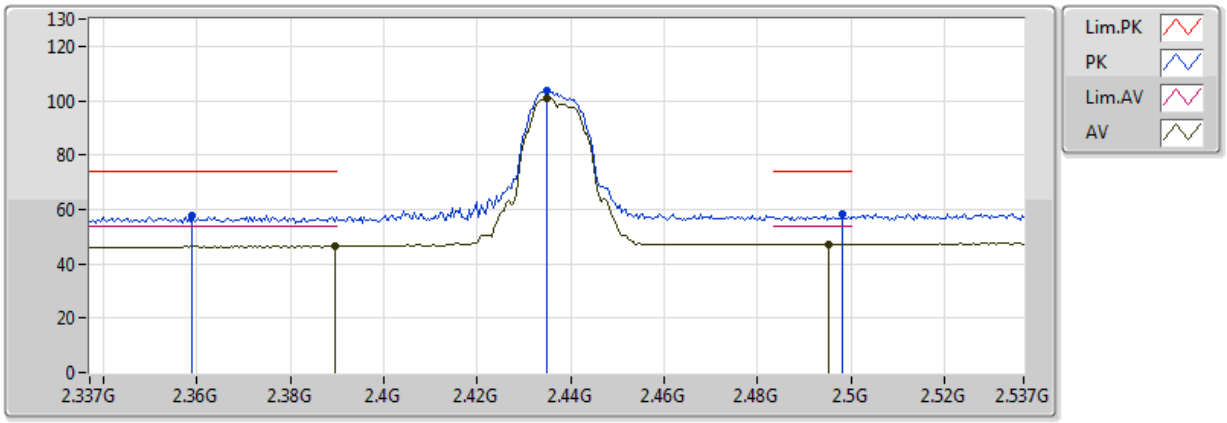
2412MHz_TX

EUT=Z,ANT=Y

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	48.88	54.00	-5.12	2.48	3	Horizontal	2	1.50	-	46.40	31.22	6.44	35.18
PK	4.824G	52.48	74.00	-21.52	2.48	3	Horizontal	2	1.50	-	50.00	31.22	6.44	35.18

802.11b_(1Mbps)_2TX

2437MHz_TX

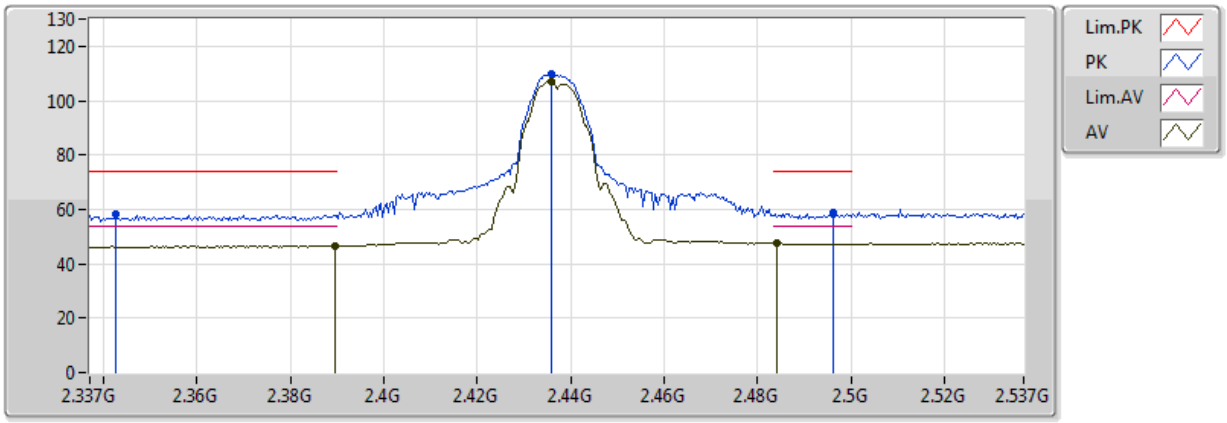


EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3894G	46.43	54.00	-7.57	31.17	3	Vertical	241	3.51	-	15.26	26.99	4.18	-
AV	2.4954G	47.21	54.00	-6.79	31.57	3	Vertical	241	3.51	-	15.64	27.29	4.29	-
AV	2.435G	100.86	Inf	-Inf	31.34	3	Vertical	241	3.51	-	69.52	27.12	4.23	-
PK	2.359G	57.57	74.00	-16.43	31.05	3	Vertical	241	3.51	-	26.52	26.91	4.14	-
PK	2.4982G	58.12	74.00	-15.88	31.58	3	Vertical	241	3.51	-	26.54	27.29	4.29	-
PK	2.435G	103.62	Inf	-Inf	31.34	3	Vertical	241	3.51	-	72.27	27.12	4.23	-

802.11b_(1Mbps)_2TX

2437MHz_TX

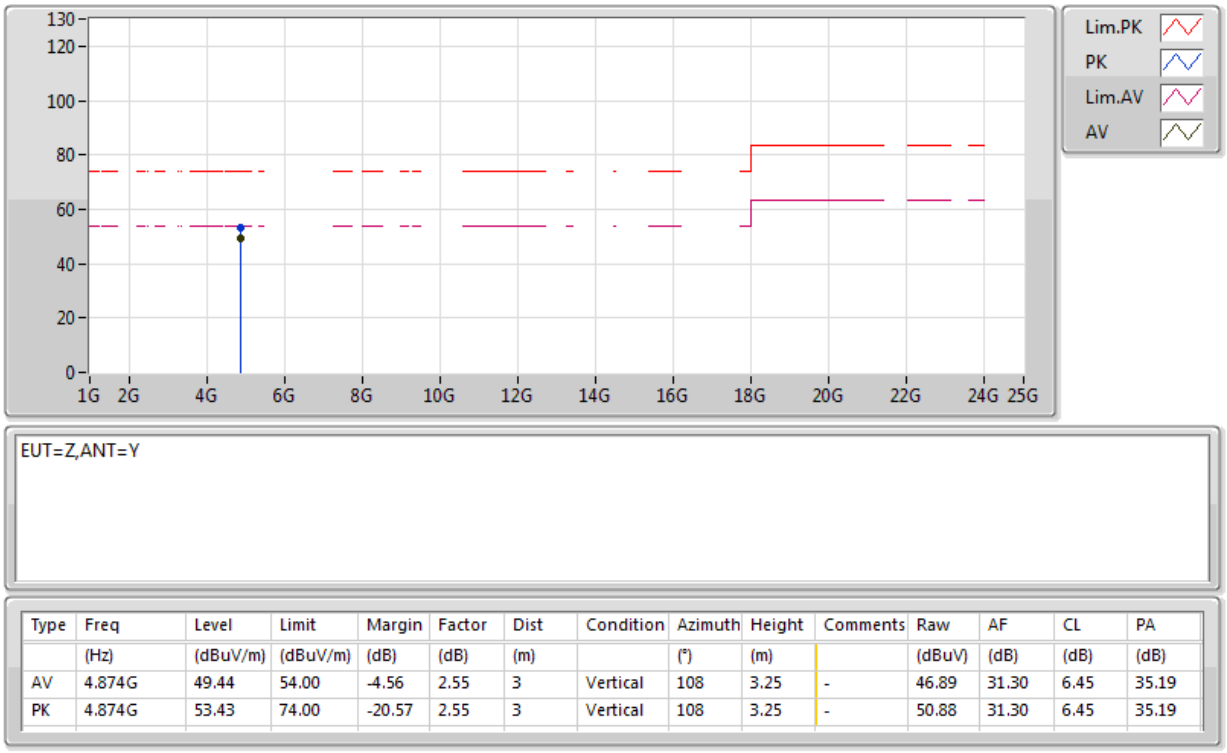


EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3894G	46.62	54.00	-7.38	31.17	3	Horizontal	6	1.13	-	15.45	26.99	4.18	-
AV	2.4842G	47.42	54.00	-6.58	31.53	3	Horizontal	6	1.13	-	15.89	27.26	4.27	-
AV	2.4358G	106.90	Inf	-Inf	31.35	3	Horizontal	6	1.13	-	75.56	27.12	4.23	-
PK	2.3426G	58.47	74.00	-15.53	30.99	3	Horizontal	6	1.13	-	27.48	26.86	4.13	-
PK	2.4962G	58.84	74.00	-15.16	31.58	3	Horizontal	6	1.13	-	27.26	27.29	4.29	-
PK	2.4358G	109.67	Inf	-Inf	31.35	3	Horizontal	6	1.13	-	78.32	27.12	4.23	-

802.11b_(1Mbps)_2TX

2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.874G	49.44	54.00	-4.56	2.55	3	Vertical	108	3.25	-	46.89	31.30	6.45	35.19
PK	4.874G	53.43	74.00	-20.57	2.55	3	Vertical	108	3.25	-	50.88	31.30	6.45	35.19

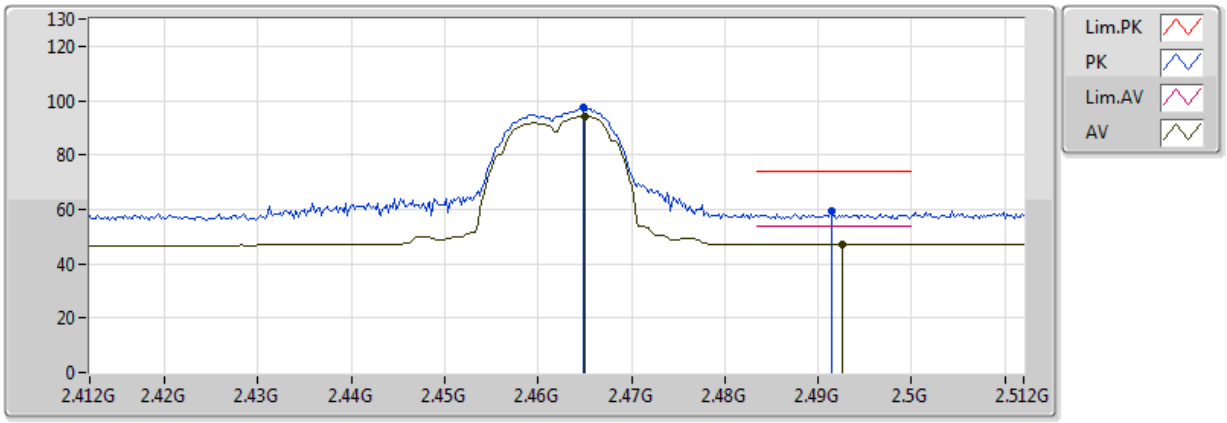
802.11b_(1Mbps)_2TX

2437MHz_TX

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.874G	50.55	54.00	-3.45	2.55	3	Horizontal	1	1.17	-	48.00	31.30	6.45	35.19
PK	4.874G	53.55	74.00	-20.45	2.55	3	Horizontal	1	1.17	-	51.00	31.30	6.45	35.19

802.11b_(1Mbps)_2TX

2462MHz_TX

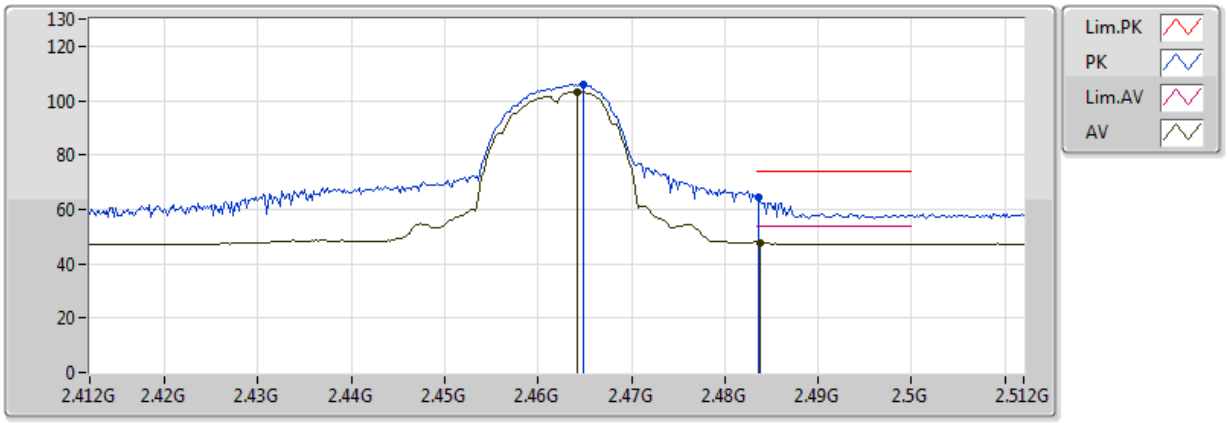


EUT=Z,ANT=Y

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	2.4926G	47.25	54.00	-6.75	31.56	3	Vertical	115	2.76	-	15.69	27.28	4.28	-
AV	2.465G	94.11	Inf	-Inf	31.46	3	Vertical	115	2.76	-	62.65	27.20	4.25	-
PK	2.4914G	59.58	74.00	-14.42	31.56	3	Vertical	115	2.76	-	28.02	27.28	4.28	-
PK	2.4648G	97.27	Inf	-Inf	31.46	3	Vertical	115	2.76	-	65.81	27.20	4.25	-

802.11b_(1Mbps)_2TX

2462MHz_TX

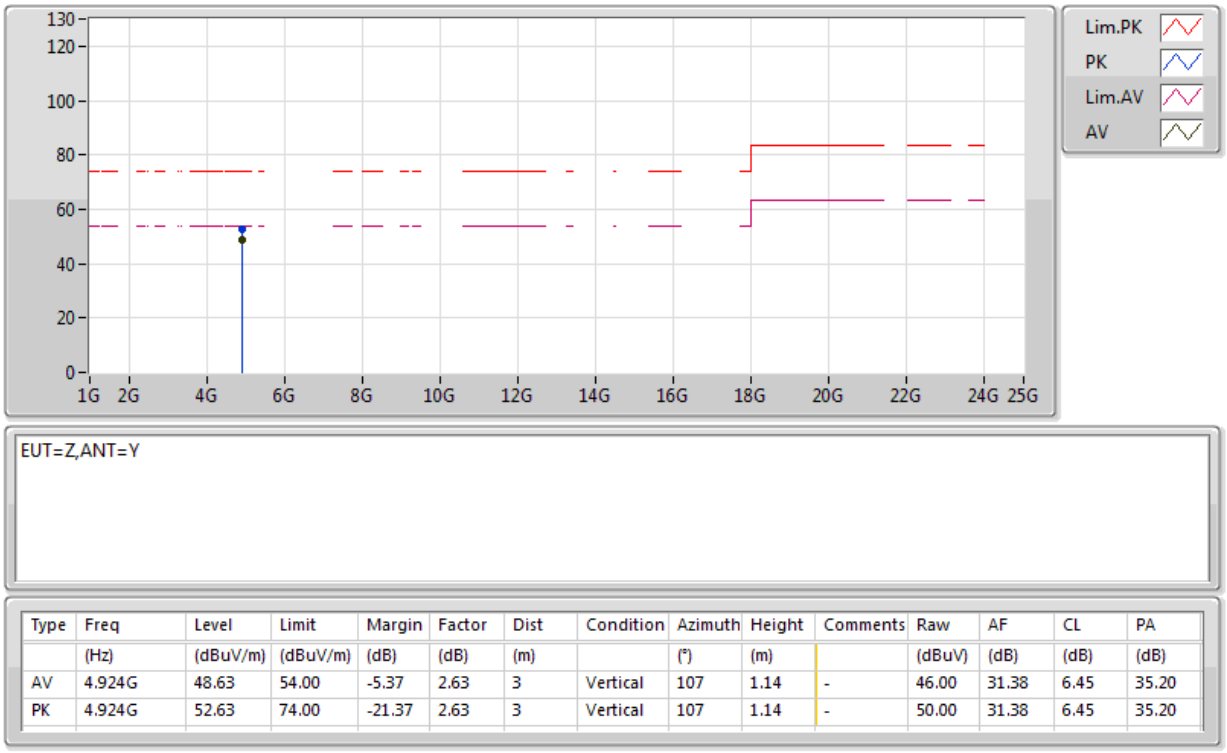


EUT=Z,ANT=Y

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	2.4838G	47.65	54.00	-6.35	31.53	3	Horizontal	6	1.50	-	16.12	27.25	4.27	-
AV	2.4642G	103.14	Inf	-Inf	31.45	3	Horizontal	6	1.50	-	71.68	27.20	4.25	-
PK	2.4836G	64.26	74.00	-9.74	31.53	3	Horizontal	6	1.50	-	32.73	27.25	4.27	-
PK	2.4648G	106.17	Inf	-Inf	31.46	3	Horizontal	6	1.50	-	74.71	27.20	4.25	-

802.11b_(1Mbps)_2TX

2462MHz_TX



EUT=Z,ANT=Y

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	48.63	54.00	-5.37	2.63	3	Vertical	107	1.14	-	46.00	31.38	6.45	35.20
PK	4.924G	52.63	74.00	-21.37	2.63	3	Vertical	107	1.14	-	50.00	31.38	6.45	35.20

802.11b_(1Mbps)_2TX

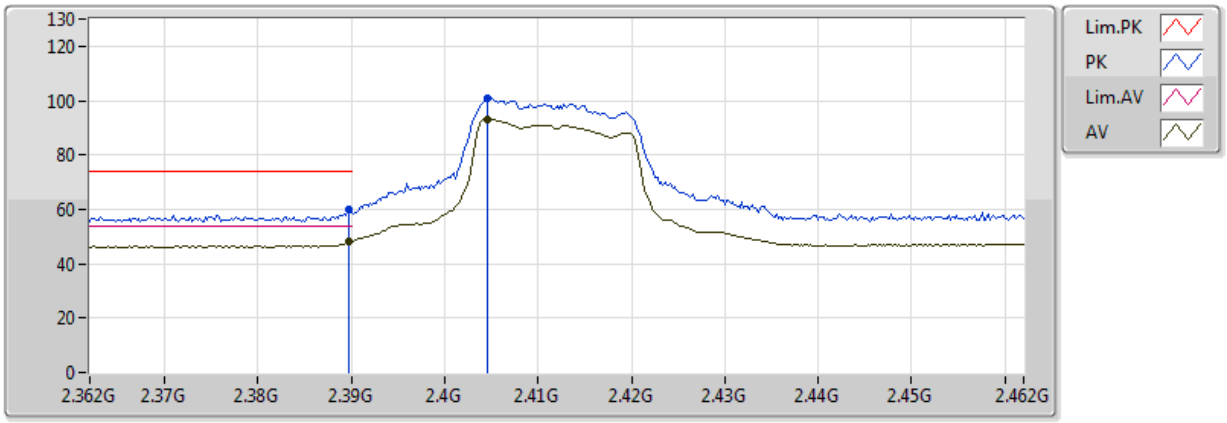
2462MHz_TX

EUT=Z,ANT=Y

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	50.54	54.00	-3.46	2.63	3	Horizontal	17	3.66	-	47.91	31.38	6.45	35.20
PK	4.924G	53.83	74.00	-20.17	2.63	3	Horizontal	17	3.66	-	51.20	31.38	6.45	35.20

802.11g_(6Mbps)_2TX

2412MHz_TX

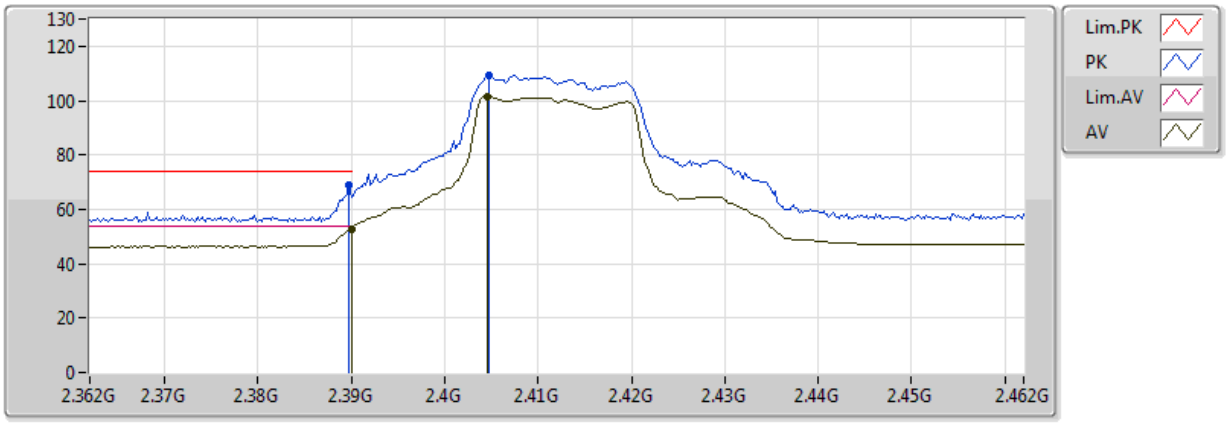


EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	47.95	54.00	-6.05	31.17	3	Vertical	262	3.25	-	16.78	26.99	4.18	-
AV	2.4046G	93.29	Inf	-Inf	31.23	3	Vertical	262	3.25	-	62.06	27.03	4.19	-
PK	2.3898G	60.16	74.00	-13.84	31.17	3	Vertical	262	3.25	-	28.99	26.99	4.18	-
PK	2.4046G	100.89	Inf	-Inf	31.23	3	Vertical	262	3.25	-	69.66	27.03	4.19	-

802.11g_(6Mbps)_2TX

2412MHz_TX



EUT=Z,ANT=Y

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	52.95	54.00	-1.05	31.17	3	Horizontal	196	2.57	-	21.78	26.99	4.18	-
AV	2.4046G	101.43	Inf	-Inf	31.23	3	Horizontal	196	2.57	-	70.21	27.03	4.19	-
PK	2.3898G	68.86	74.00	-5.14	31.17	3	Horizontal	196	2.57	-	37.69	26.99	4.18	-
PK	2.4048G	109.12	Inf	-Inf	31.23	3	Horizontal	196	2.57	-	77.90	27.03	4.19	-

802.11g_(6Mbps)_2TX

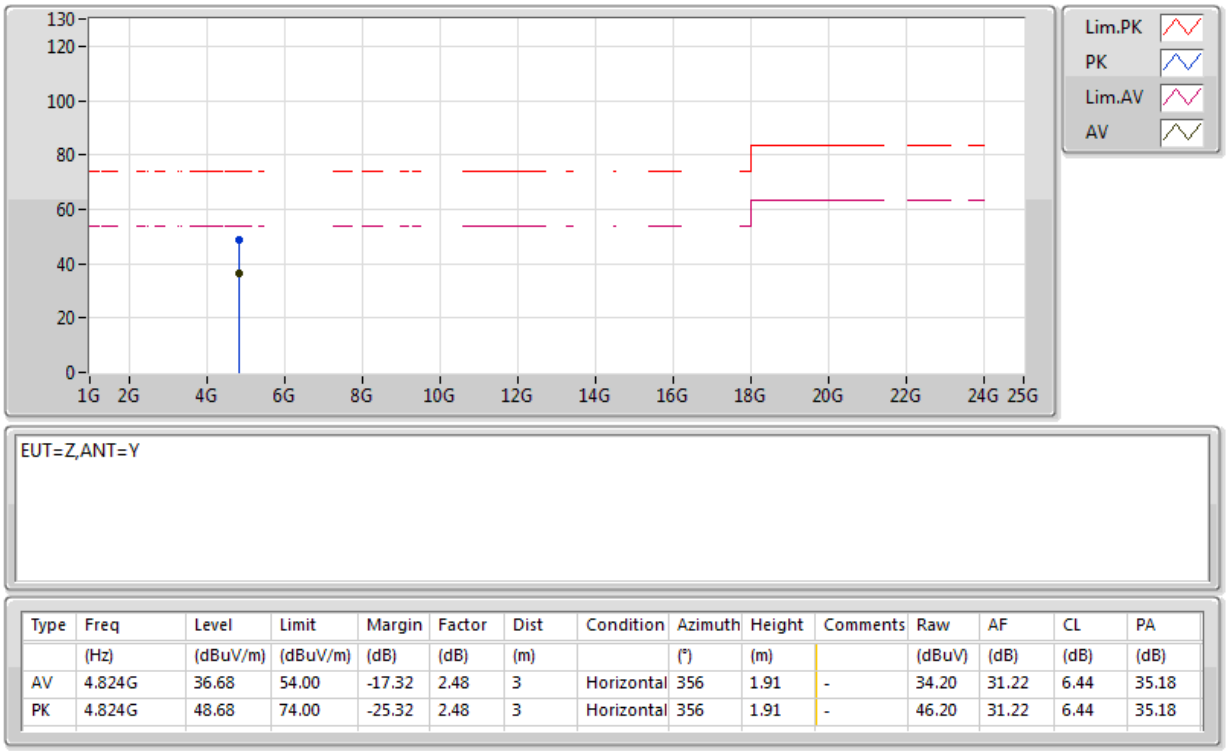
2412MHz_TX

EUT=Z,ANT=Y

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	36.06	54.00	-17.94	2.48	3	Vertical	139	1.50	-	33.58	31.22	6.44	35.18
PK	4.824G	47.37	74.00	-26.63	2.48	3	Vertical	139	1.50	-	44.89	31.22	6.44	35.18

802.11g_(6Mbps)_2TX

2412MHz_TX

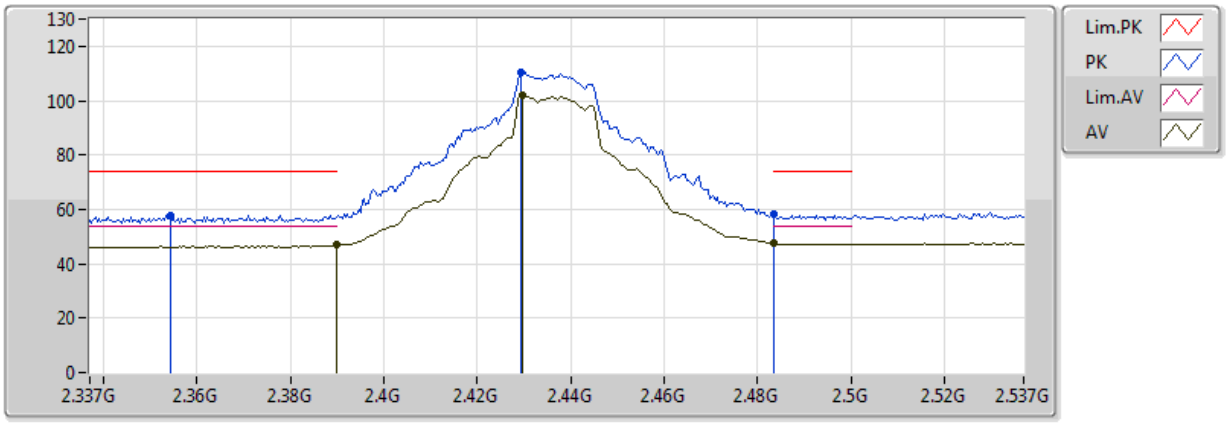


EUT=Z,ANT=Y

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	36.68	54.00	-17.32	2.48	3	Horizontal	356	1.91	-	34.20	31.22	6.44	35.18
PK	4.824G	48.68	74.00	-25.32	2.48	3	Horizontal	356	1.91	-	46.20	31.22	6.44	35.18

802.11g_(6Mbps)_2TX

2437MHz_TX

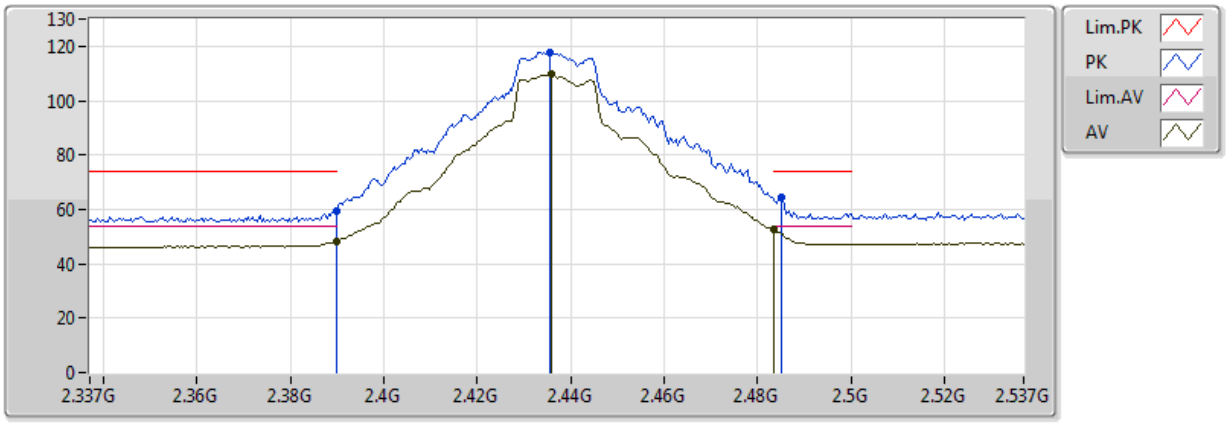


EUT=Z,ANT=Y

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	46.79	54.00	-7.21	31.17	3	Vertical	246	3.52	-	15.62	26.99	4.18	-
AV	2.483502G	47.36	54.00	-6.64	31.53	3	Vertical	246	3.52	-	15.83	27.25	4.27	-
AV	2.4298G	102.23	Inf	-Inf	31.32	3	Vertical	246	3.52	-	70.91	27.10	4.22	-
PK	2.3542G	57.78	74.00	-16.22	31.03	3	Vertical	246	3.52	-	26.75	26.89	4.14	-
PK	2.483502G	58.34	74.00	-15.66	31.53	3	Vertical	246	3.52	-	26.82	27.25	4.27	-
PK	2.4294G	110.65	Inf	-Inf	31.32	3	Vertical	246	3.52	-	79.33	27.10	4.22	-

802.11g_(6Mbps)_2TX

2437MHz_TX

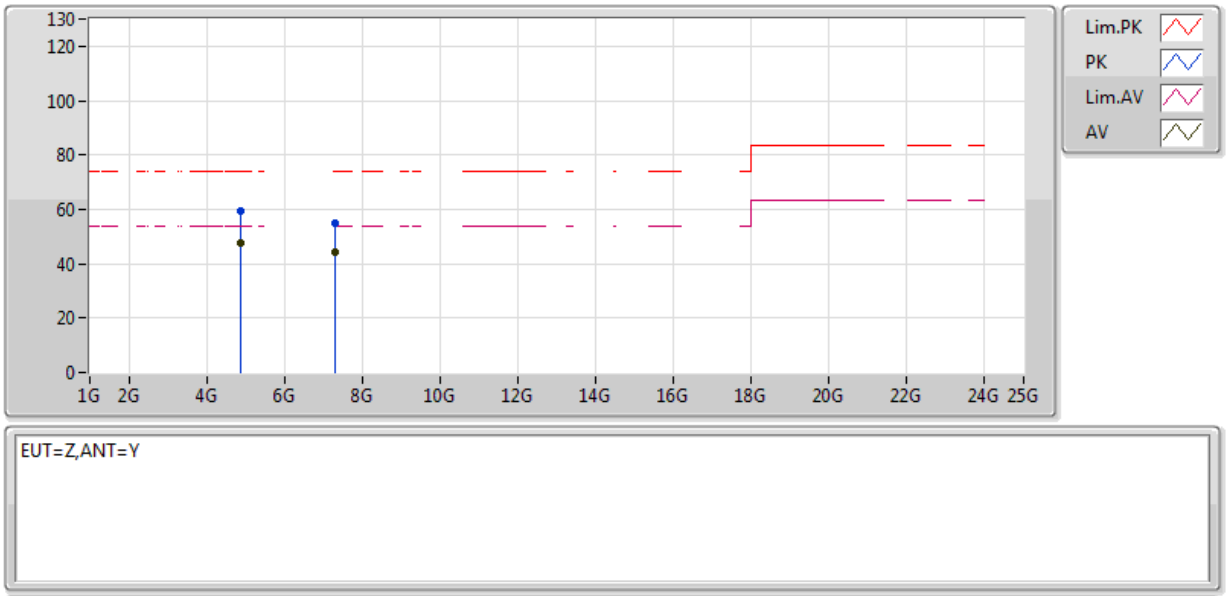


EUT=Z,ANT=Y

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	48.41	54.00	-5.59	31.17	3	Horizontal	183	2.21	-	17.24	26.99	4.18	-
AV	2.483502G	52.50	54.00	-1.50	31.53	3	Horizontal	183	2.21	-	20.97	27.25	4.27	-
AV	2.4358G	109.73	Inf	-Inf	31.35	3	Horizontal	183	2.21	-	78.39	27.12	4.23	-
PK	2.389998G	59.30	74.00	-14.70	31.17	3	Horizontal	183	2.21	-	28.13	26.99	4.18	-
PK	2.485G	64.20	74.00	-9.80	31.53	3	Horizontal	183	2.21	-	32.66	27.26	4.28	-
PK	2.4354G	117.78	Inf	-Inf	31.34	3	Horizontal	183	2.21	-	86.43	27.12	4.23	-

802.11g_(6Mbps)_2TX

2437MHz_TX

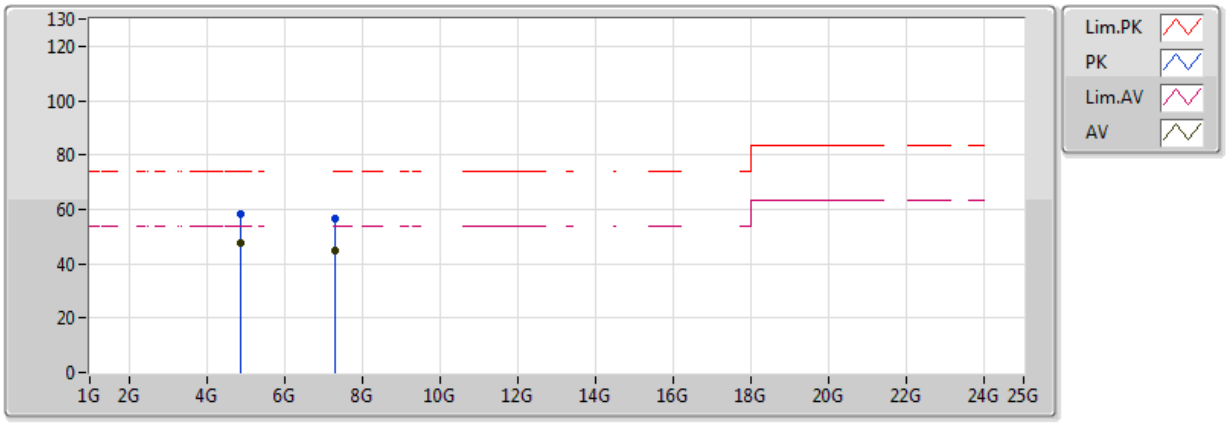


EUT=Z,ANT=Y

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	47.55	54.00	-6.45	2.55	3	Vertical	71	2.87	-	45.00	31.30	6.45	35.19
AV	7.311G	44.19	54.00	-9.81	8.42	3	Vertical	0	1.50	-	35.77	36.01	7.69	35.27
PK	4.874G	59.35	74.00	-14.65	2.55	3	Vertical	71	2.87	-	56.80	31.30	6.45	35.19
PK	7.311G	55.01	74.00	-18.99	8.42	3	Vertical	0	1.50	-	46.59	36.01	7.69	35.27

802.11g_(6Mbps)_2TX

2437MHz_TX

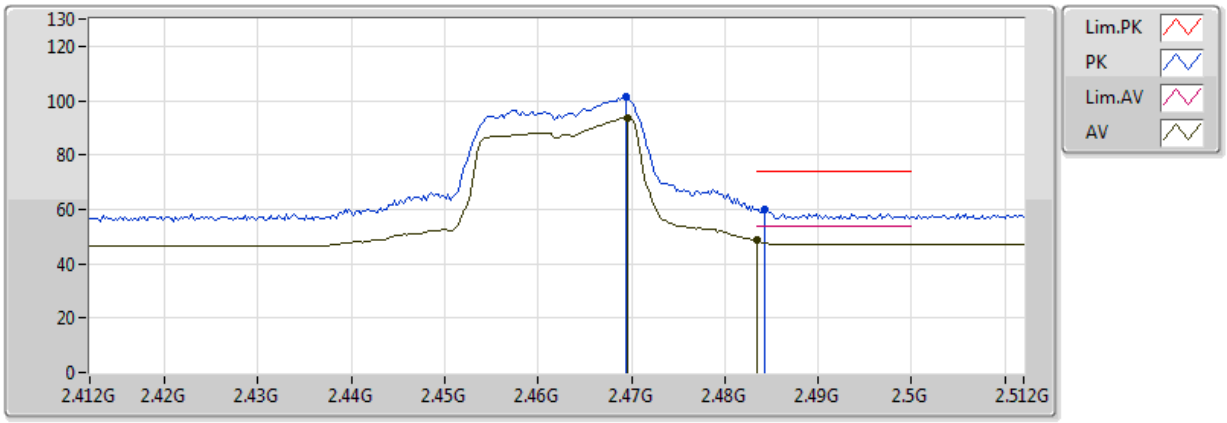


EUT=Z,ANT=Y

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	47.53	54.00	-6.47	2.55	3	Horizontal	0	1.50	-	44.98	31.30	6.45	35.19
AV	7.311G	44.92	54.00	-9.08	8.42	3	Horizontal	61	1.00	-	36.50	36.01	7.69	35.27
PK	4.874G	58.55	74.00	-15.45	2.55	3	Horizontal	0	1.50	-	56.00	31.30	6.45	35.19
PK	7.311G	56.42	74.00	-17.58	8.42	3	Horizontal	61	1.00	-	48.00	36.01	7.69	35.27

802.11g_(6Mbps)_2TX

2462MHz_TX

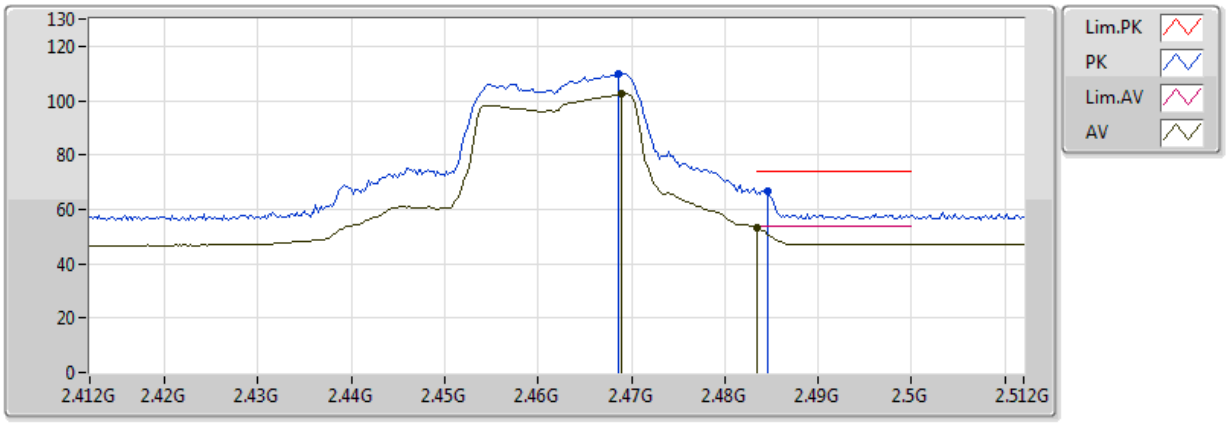


EUT=Z,ANT=Y

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	2.483502G	48.62	54.00	-5.38	31.53	3	Vertical	115	3.36	-	17.09	27.25	4.27	-
AV	2.4696G	93.85	Inf	-Inf	31.47	3	Vertical	115	3.36	-	62.38	27.21	4.26	-
PK	2.4842G	59.95	74.00	-14.05	31.53	3	Vertical	115	3.36	-	28.42	27.26	4.27	-
PK	2.4694G	101.53	Inf	-Inf	31.47	3	Vertical	115	3.36	-	70.05	27.21	4.26	-

802.11g_(6Mbps)_2TX

2462MHz_TX

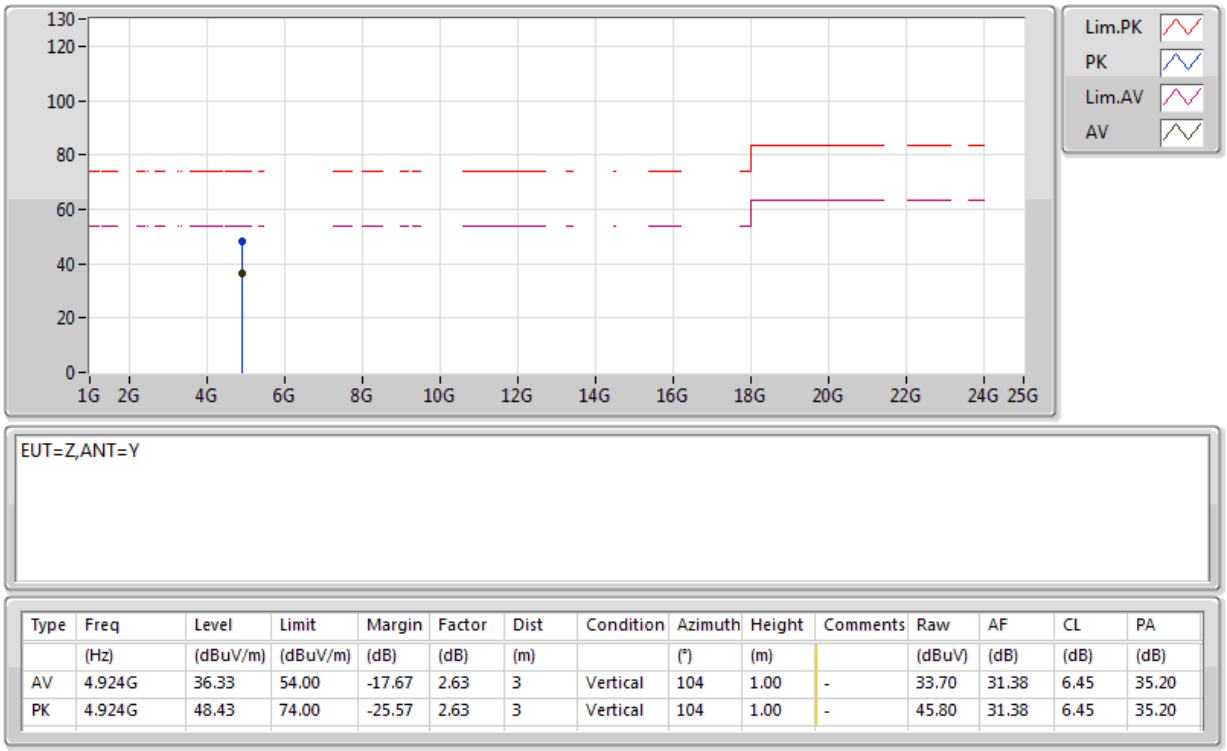


EUT=Z,ANT=Y

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	2.483502G	53.26	54.00	-0.74	31.53	3	Horizontal	197	2.44	-	21.73	27.25	4.27	-
AV	2.469G	102.49	Inf	-Inf	31.47	3	Horizontal	197	2.44	-	71.02	27.21	4.26	-
PK	2.4846G	66.66	74.00	-7.34	31.53	3	Horizontal	197	2.44	-	35.13	27.26	4.27	-
PK	2.4686G	109.82	Inf	-Inf	31.47	3	Horizontal	197	2.44	-	78.35	27.21	4.26	-

802.11g_(6Mbps)_2TX

2462MHz_TX

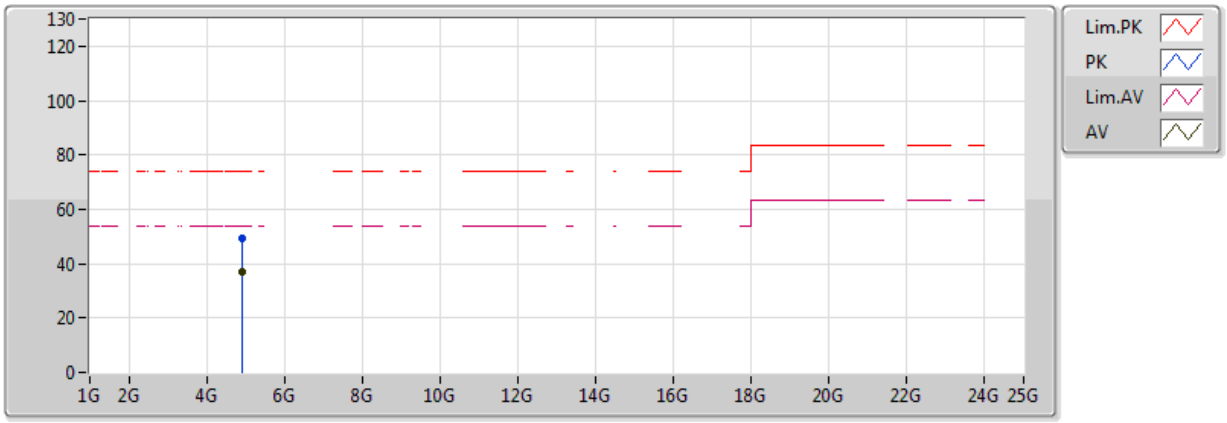


EUT=Z,ANT=Y

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	36.33	54.00	-17.67	2.63	3	Vertical	104	1.00	-	33.70	31.38	6.45	35.20
PK	4.924G	48.43	74.00	-25.57	2.63	3	Vertical	104	1.00	-	45.80	31.38	6.45	35.20

802.11g_(6Mbps)_2TX

2462MHz_TX

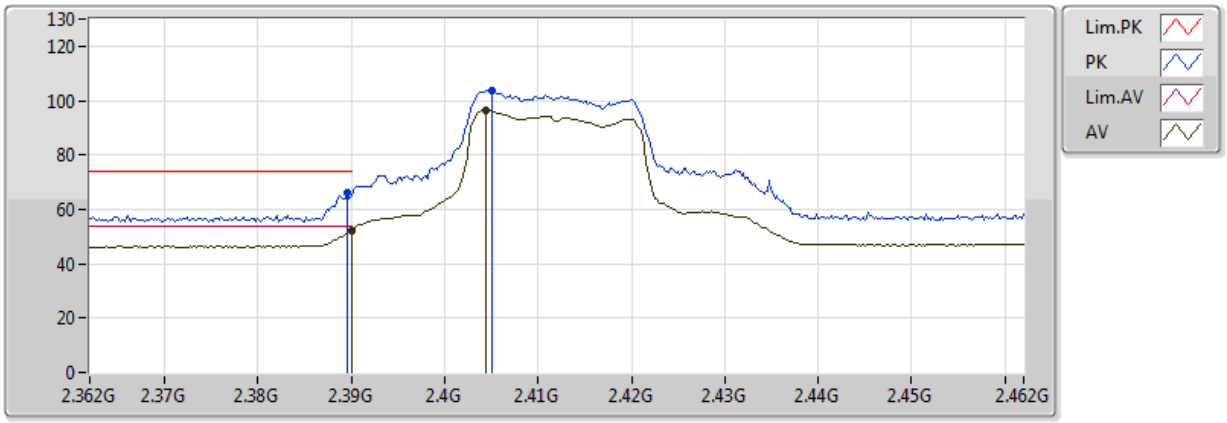


EUT=Z,ANT=Y

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	37.13	54.00	-16.87	2.63	3	Horizontal	17	3.69	-	34.50	31.38	6.45	35.20
PK	4.924G	49.22	74.00	-24.78	2.63	3	Horizontal	17	3.69	-	46.59	31.38	6.45	35.20

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

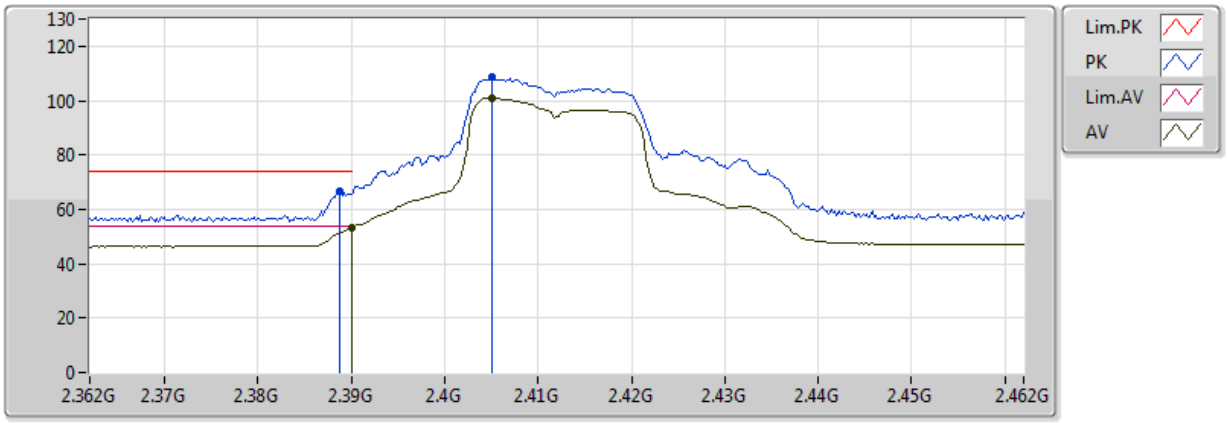


EUT=Z,ANT=Y

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	52.29	54.00	-1.71	31.17	3	Vertical	271	3.58	-	21.12	26.99	4.18	-
AV	2.4044G	96.35	Inf	-Inf	31.23	3	Vertical	271	3.58	-	65.12	27.03	4.19	-
PK	2.3896G	66.36	74.00	-7.64	31.17	3	Vertical	271	3.58	-	35.19	26.99	4.18	-
PK	2.405G	103.93	Inf	-Inf	31.23	3	Vertical	271	3.58	-	72.70	27.03	4.20	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX



EUT=Z,ANT=Y

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	53.22	54.00	-0.78	31.17	3	Horizontal	357	1.01	-	22.05	26.99	4.18	-
AV	2.405G	100.90	Inf	-Inf	31.23	3	Horizontal	357	1.01	-	69.67	27.03	4.20	-
PK	2.3888G	66.60	74.00	-7.40	31.17	3	Horizontal	357	1.01	-	35.43	26.99	4.18	-
PK	2.405G	108.79	Inf	-Inf	31.23	3	Horizontal	357	1.01	-	77.56	27.03	4.20	-

802.11n HT20_Nss1,(MCS0)_2TX

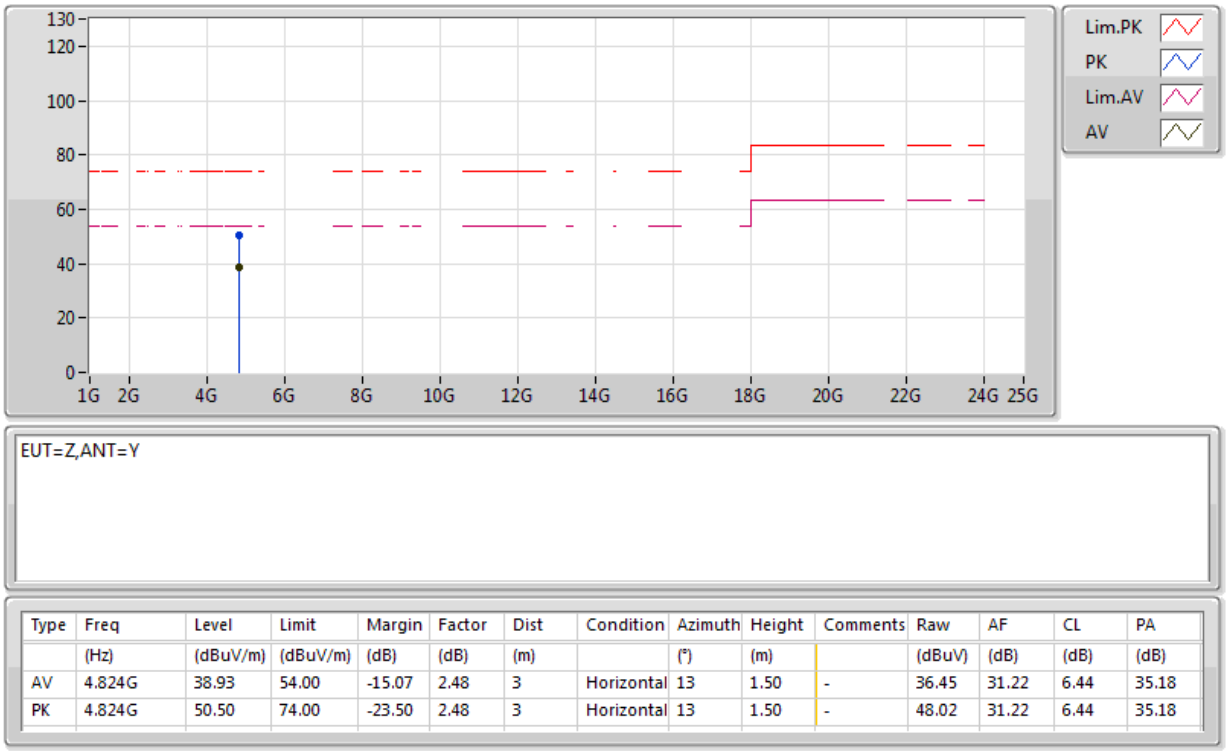
2412MHz_TX

EUT=Z,ANT=Y

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	37.54	54.00	-16.46	2.48	3	Vertical	360	1.50	-	35.06	31.22	6.44	35.18
PK	4.824G	50.60	74.00	-23.40	2.48	3	Vertical	360	1.50	-	48.12	31.22	6.44	35.18

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

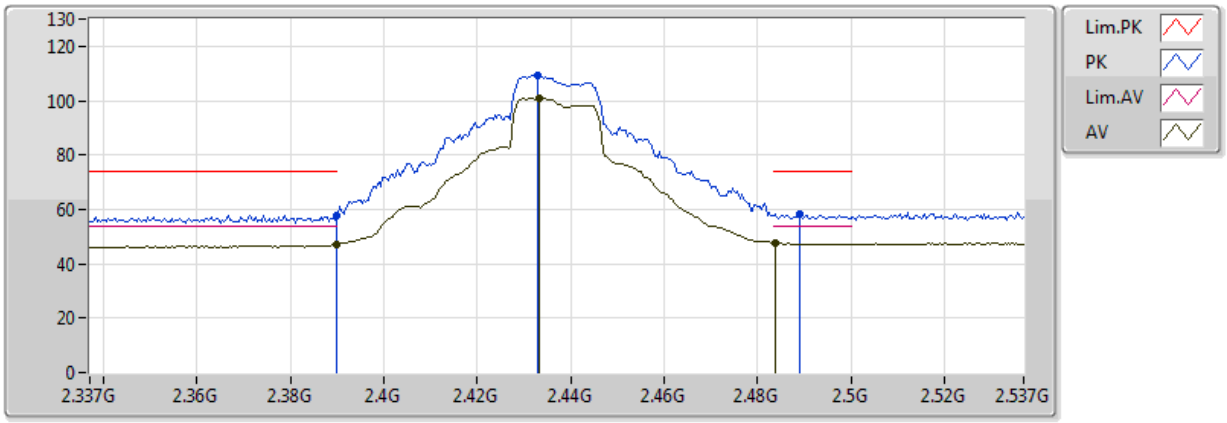


EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.824G	38.93	54.00	-15.07	2.48	3	Horizontal	13	1.50	-	36.45	31.22	6.44	35.18
PK	4.824G	50.50	74.00	-23.50	2.48	3	Horizontal	13	1.50	-	48.02	31.22	6.44	35.18

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

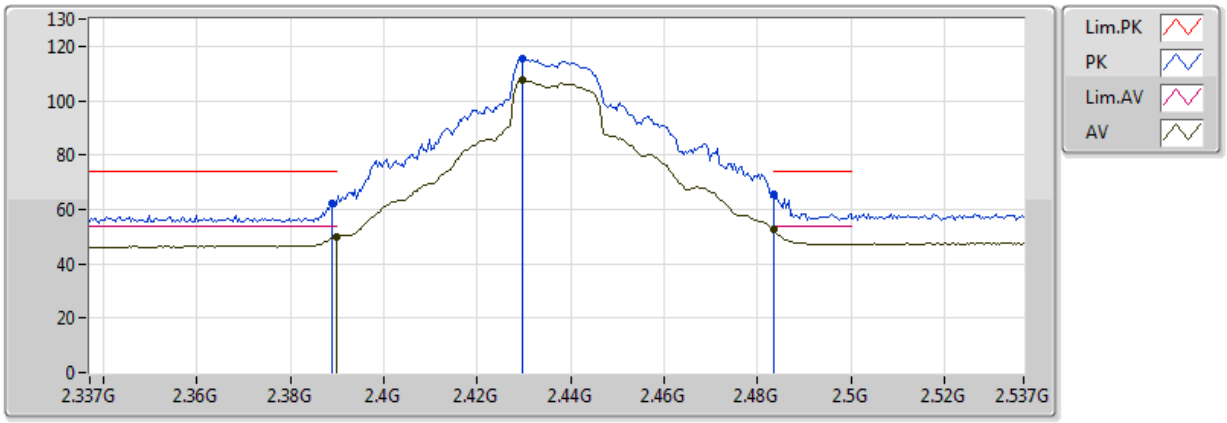


EUT=Z,ANT=Y

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	47.16	54.00	-6.84	31.17	3	Vertical	240	3.55	-	15.99	26.99	4.18	-
AV	2.4838G	47.70	54.00	-6.30	31.53	3	Vertical	240	3.55	-	16.17	27.25	4.27	-
AV	2.4334G	100.87	Inf	-Inf	31.34	3	Vertical	240	3.55	-	69.54	27.11	4.22	-
PK	2.389998G	57.92	74.00	-16.08	31.17	3	Vertical	240	3.55	-	26.75	26.99	4.18	-
PK	2.489G	58.28	74.00	-15.72	31.55	3	Vertical	240	3.55	-	26.74	27.27	4.28	-
PK	2.433G	109.19	Inf	-Inf	31.34	3	Vertical	240	3.55	-	77.85	27.11	4.22	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

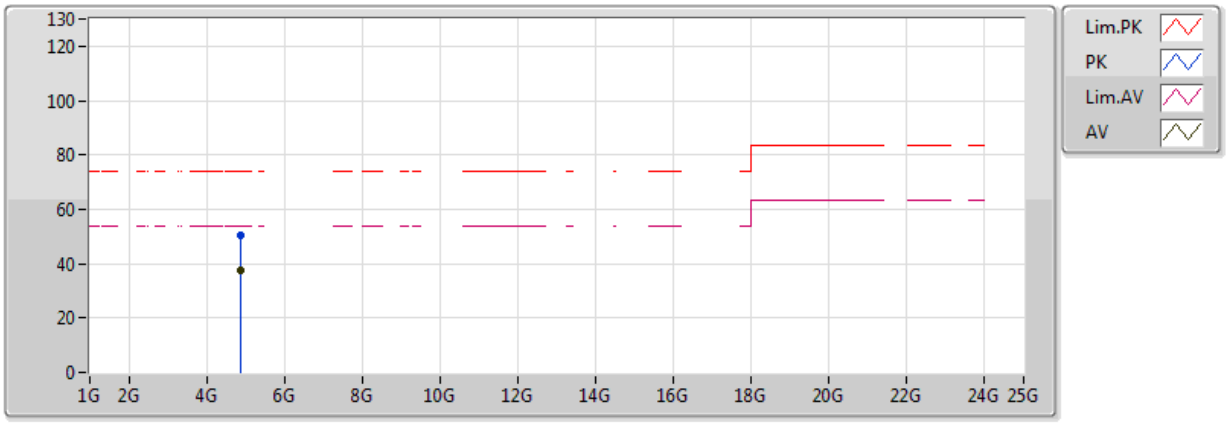


EUT=Z,ANT=Y

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	49.72	54.00	-4.28	31.17	3	Horizontal	360	1.75	-	18.55	26.99	4.18	-
AV	2.483502G	52.54	54.00	-1.46	31.53	3	Horizontal	360	1.75	-	21.02	27.25	4.27	-
AV	2.4298G	107.60	Inf	-Inf	31.32	3	Horizontal	360	1.75	-	76.28	27.10	4.22	-
PK	2.389G	62.38	74.00	-11.62	31.17	3	Horizontal	360	1.75	-	31.21	26.99	4.18	-
PK	2.483502G	65.50	74.00	-8.50	31.53	3	Horizontal	360	1.75	-	33.97	27.25	4.27	-
PK	2.4298G	115.54	Inf	-Inf	31.32	3	Horizontal	360	1.75	-	84.21	27.10	4.22	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

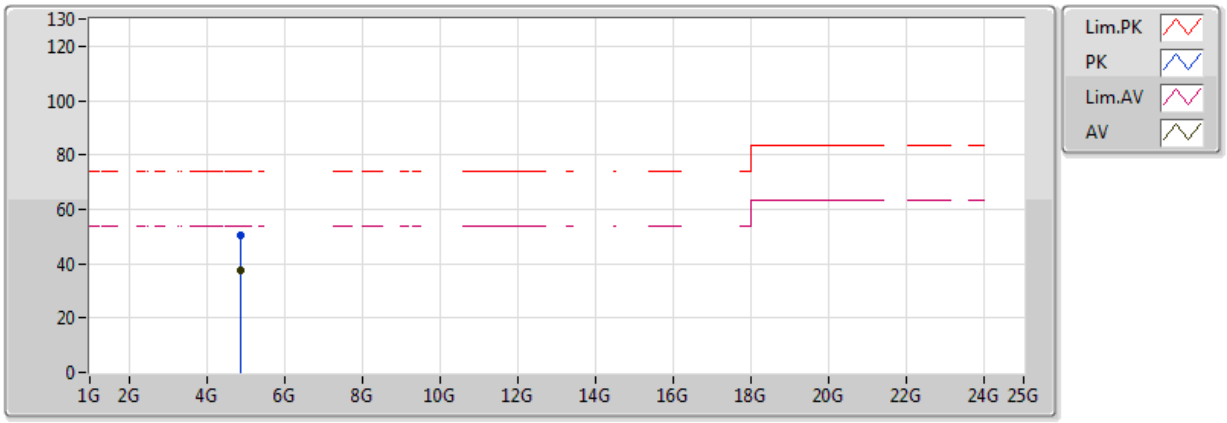


EUT=Z,ANT=Y

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	37.82	54.00	-16.18	2.55	3	Vertical	94	1.19	-	35.26	31.30	6.45	35.19
PK	4.874G	50.70	74.00	-23.30	2.55	3	Vertical	94	1.19	-	48.15	31.30	6.45	35.19

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

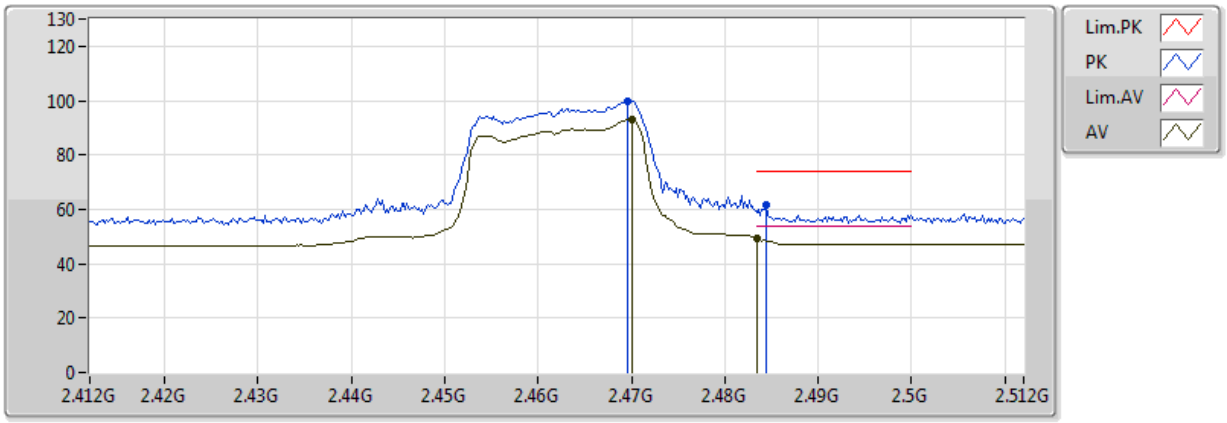


EUT=Z,ANT=Y

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	37.75	54.00	-16.25	2.55	3	Horizontal	6	1.50	-	35.20	31.30	6.45	35.19
PK	4.874G	50.59	74.00	-23.41	2.55	3	Horizontal	6	1.50	-	48.04	31.30	6.45	35.19

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

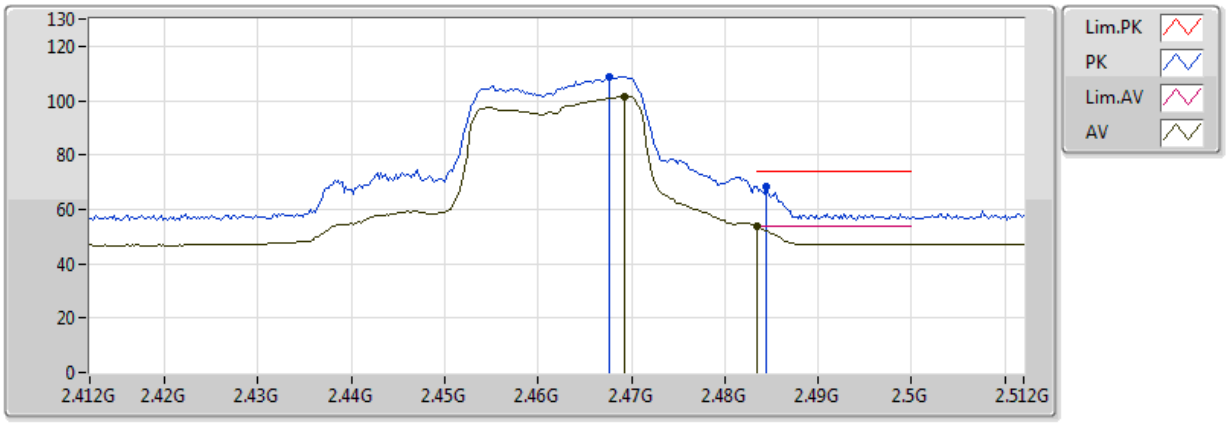


EUT=Z,ANT=Y

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	2.483502G	49.32	54.00	-4.68	31.53	3	Vertical	122	3.37	-	17.79	27.25	4.27	-
AV	2.47G	93.15	Inf	-Inf	31.48	3	Vertical	122	3.37	-	61.68	27.22	4.26	-
PK	2.4844G	61.61	74.00	-12.39	31.53	3	Vertical	122	3.37	-	30.08	27.26	4.27	-
PK	2.4696G	99.93	Inf	-Inf	31.47	3	Vertical	122	3.37	-	68.46	27.21	4.26	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

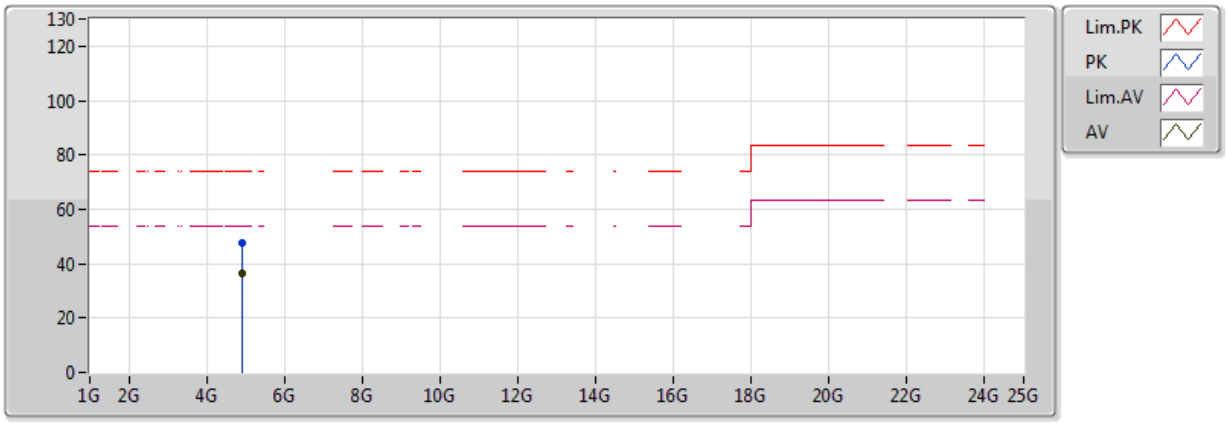


EUT=Z,ANT=Y

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	2.483502G	53.88	54.00	-0.12	31.53	3	Horizontal	191	2.44	-	22.35	27.25	4.27	-
AV	2.4692G	101.59	Inf	-Inf	31.47	3	Horizontal	191	2.44	-	70.12	27.21	4.26	-
PK	2.4844G	68.54	74.00	-5.46	31.53	3	Horizontal	191	2.44	-	37.01	27.26	4.27	-
PK	2.4676G	108.93	Inf	-Inf	31.47	3	Horizontal	191	2.44	-	77.46	27.21	4.26	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

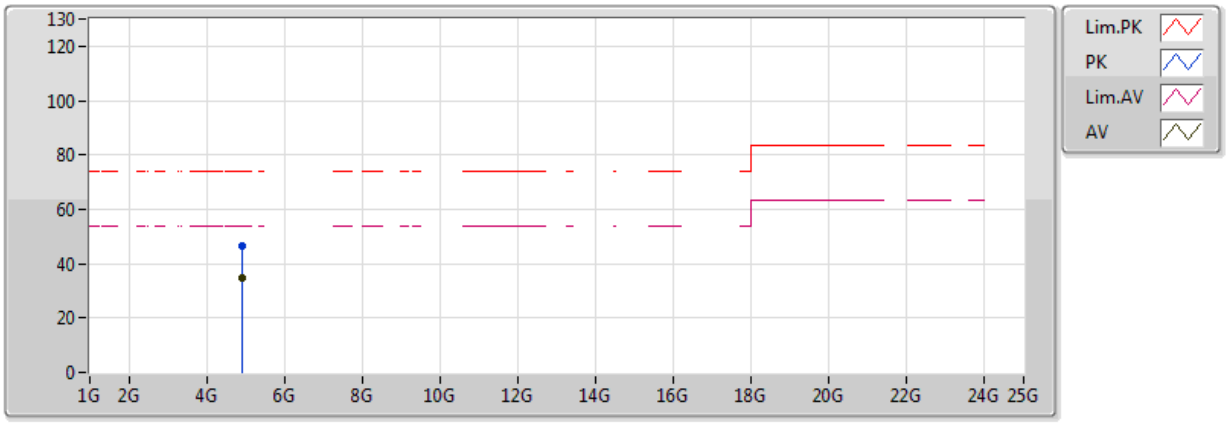


EUT=Z,ANT=Y

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	36.48	54.00	-17.52	2.63	3	Vertical	98	3.58	-	33.85	31.38	6.45	35.20
PK	4.924G	47.65	74.00	-26.35	2.63	3	Vertical	98	3.58	-	45.03	31.38	6.45	35.20

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

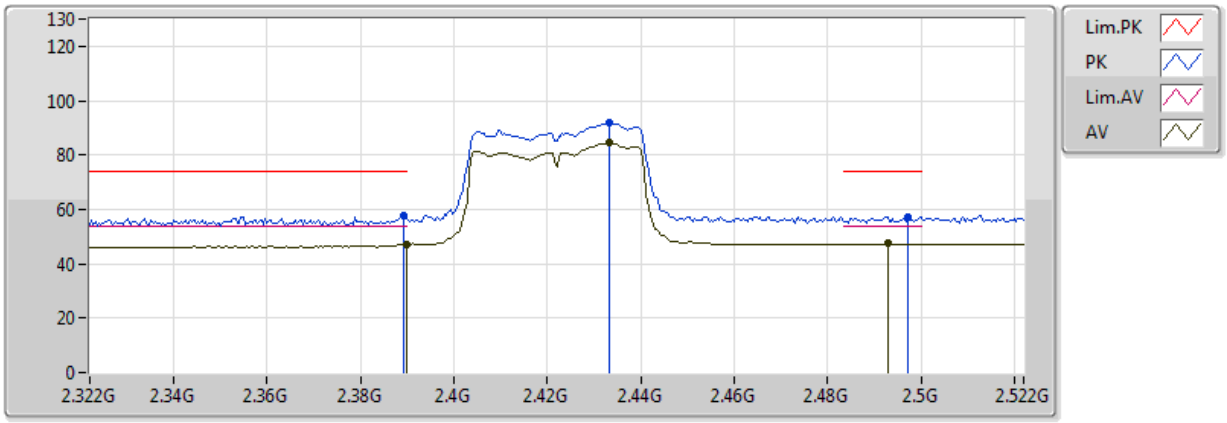


EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.924G	34.74	54.00	-19.26	2.63	3	Horizontal	3	1.49	-	32.12	31.38	6.45	35.20
PK	4.924G	46.48	74.00	-27.52	2.63	3	Horizontal	3	1.49	-	43.85	31.38	6.45	35.20

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

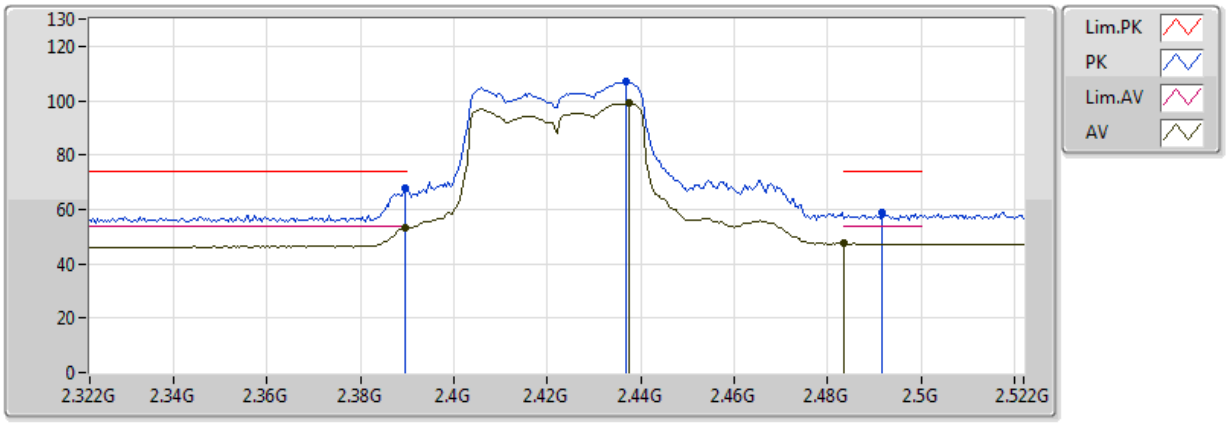


EUT=Z,ANT=Y

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	47.25	54.00	-6.75	31.17	3	Vertical	176	2.58	-	16.08	26.99	4.18	-
AV	2.4928G	47.38	54.00	-6.62	31.56	3	Vertical	176	2.58	-	15.81	27.28	4.28	-
AV	2.4332G	84.47	Inf	-Inf	31.34	3	Vertical	176	2.58	-	53.13	27.11	4.22	-
PK	2.3892G	57.94	74.00	-16.06	31.17	3	Vertical	176	2.58	-	26.77	26.99	4.18	-
PK	2.4972G	57.39	74.00	-16.61	31.58	3	Vertical	176	2.58	-	25.81	27.29	4.29	-
PK	2.4332G	91.79	Inf	-Inf	31.34	3	Vertical	176	2.58	-	60.46	27.11	4.22	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

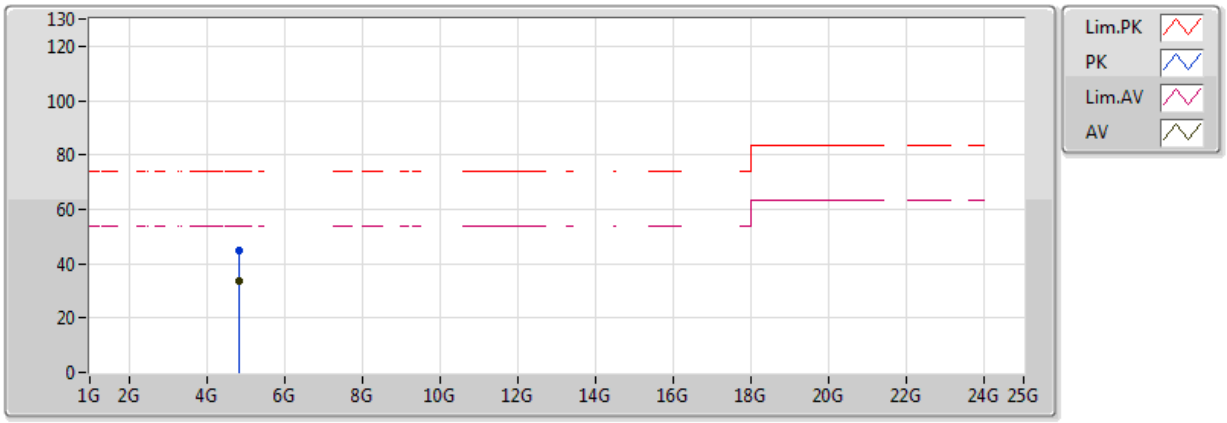


EUT=Z,ANT=Y

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	53.16	54.00	-0.84	31.17	3	Horizontal	178	2.23	-	21.99	26.99	4.18	-
AV	2.4836G	47.46	54.00	-6.54	31.53	3	Horizontal	178	2.23	-	15.94	27.25	4.27	-
AV	2.4376G	99.03	Inf	-Inf	31.35	3	Horizontal	178	2.23	-	67.68	27.13	4.23	-
PK	2.3896G	67.75	74.00	-6.25	31.17	3	Horizontal	178	2.23	-	36.58	26.99	4.18	-
PK	2.4916G	58.57	74.00	-15.43	31.56	3	Horizontal	178	2.23	-	27.01	27.28	4.28	-
PK	2.4368G	107.29	Inf	-Inf	31.35	3	Horizontal	178	2.23	-	75.94	27.12	4.23	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

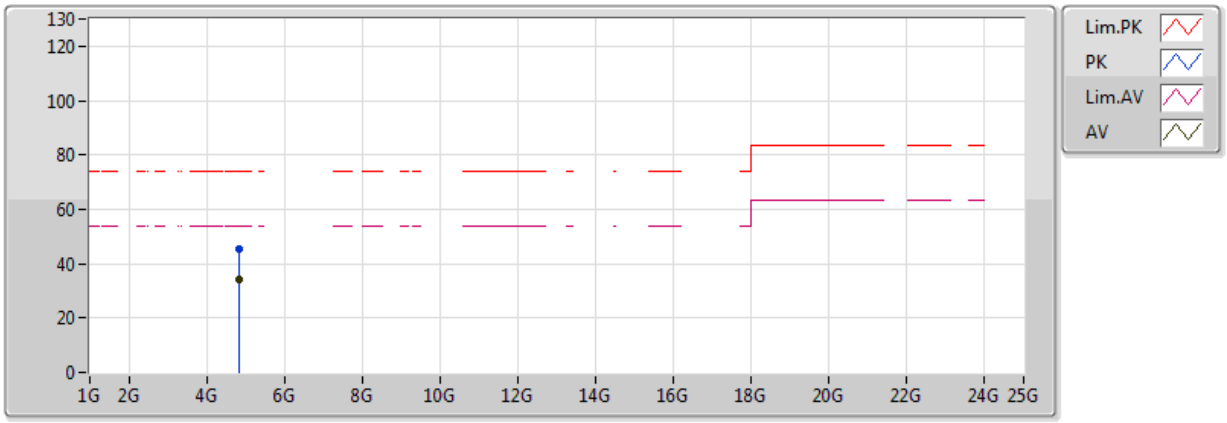


EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.844G	33.58	54.00	-20.42	2.51	3	Vertical	96	3.51	-	31.06	31.25	6.44	35.18
PK	4.844G	44.81	74.00	-29.19	2.51	3	Vertical	96	3.51	-	42.30	31.25	6.44	35.18

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

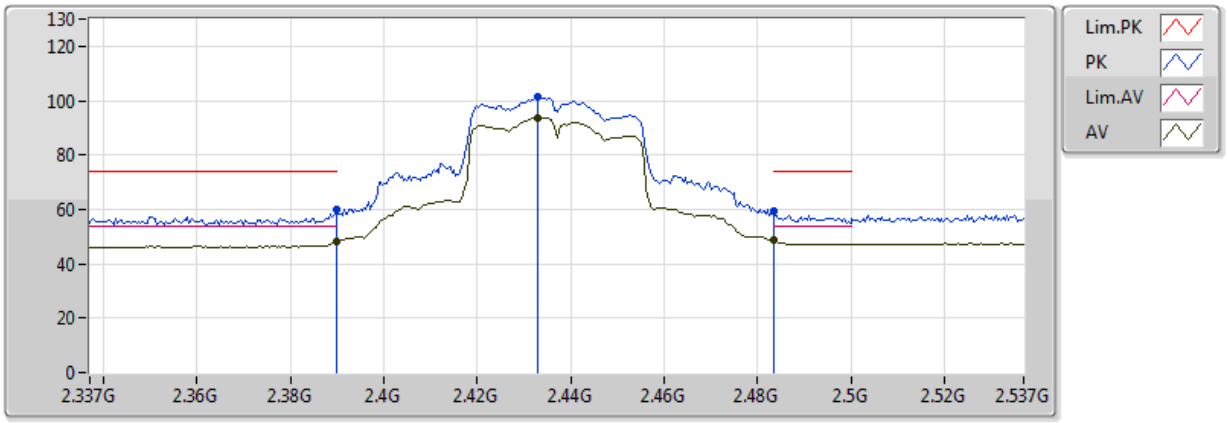


EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.844G	33.93	54.00	-20.07	2.51	3	Horizontal	2	2.86	-	31.42	31.25	6.44	35.18
PK	4.844G	45.29	74.00	-28.71	2.51	3	Horizontal	2	2.86	-	42.78	31.25	6.44	35.18

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

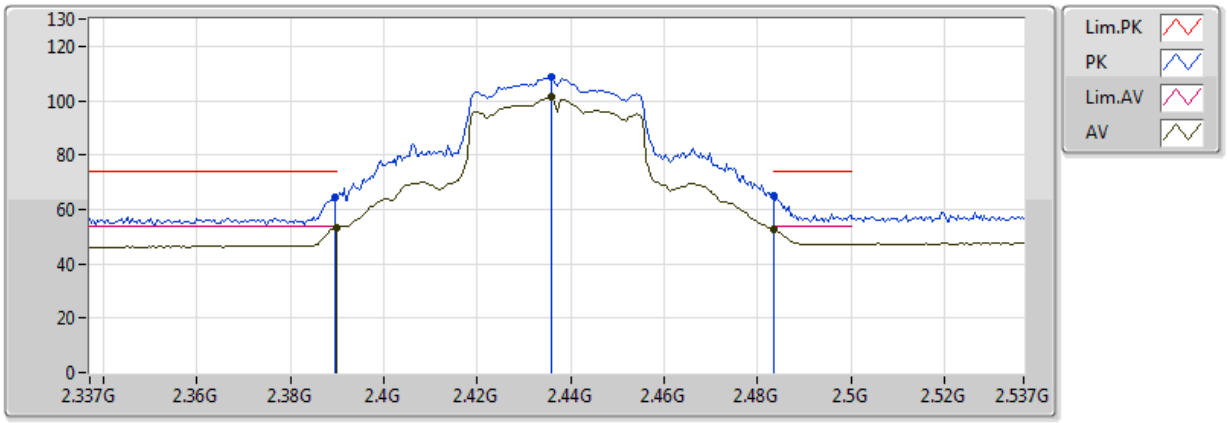


EUT=Z,ANT=Y

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	47.99	54.00	-6.01	31.17	3	Vertical	229	3.52	-	16.82	26.99	4.18	-
AV	2.483502G	48.56	54.00	-5.44	31.53	3	Vertical	229	3.52	-	17.03	27.25	4.27	-
AV	2.433G	93.59	Inf	-Inf	31.34	3	Vertical	229	3.52	-	62.25	27.11	4.22	-
PK	2.389998G	59.73	74.00	-14.27	31.17	3	Vertical	229	3.52	-	28.56	26.99	4.18	-
PK	2.483502G	59.40	74.00	-14.60	31.53	3	Vertical	229	3.52	-	27.87	27.25	4.27	-
PK	2.433G	101.31	Inf	-Inf	31.34	3	Vertical	229	3.52	-	69.98	27.11	4.22	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

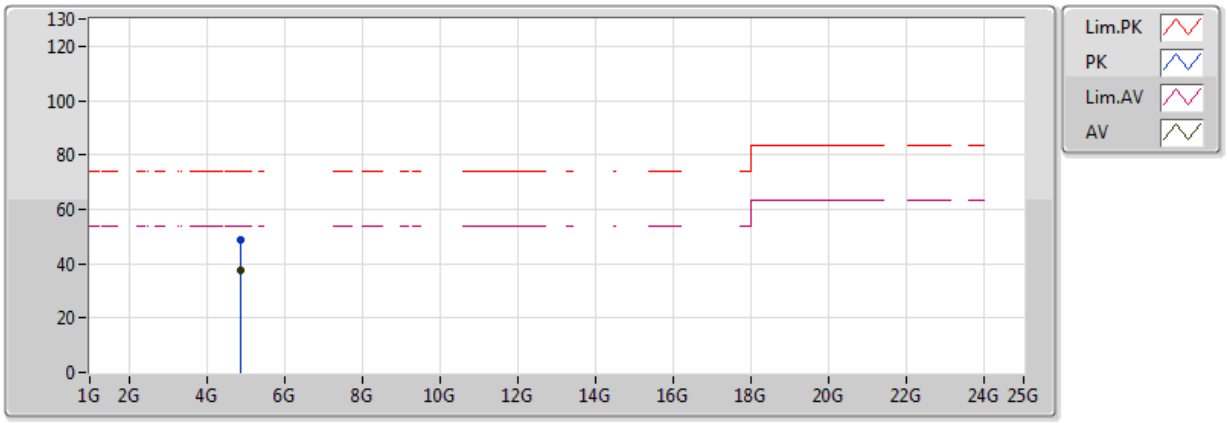


EUT=Z,ANT=Y

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	53.28	54.00	-0.72	31.17	3	Horizontal	3	1.11	-	22.10	26.99	4.18	-
AV	2.483502G	52.84	54.00	-1.16	31.53	3	Horizontal	3	1.11	-	21.31	27.25	4.27	-
AV	2.4358G	101.16	Inf	-Inf	31.35	3	Horizontal	3	1.11	-	69.82	27.12	4.23	-
PK	2.3894G	64.43	74.00	-9.57	31.17	3	Horizontal	3	1.11	-	33.26	26.99	4.18	-
PK	2.483502G	65.07	74.00	-8.93	31.53	3	Horizontal	3	1.11	-	33.54	27.25	4.27	-
PK	2.4358G	108.76	Inf	-Inf	31.35	3	Horizontal	3	1.11	-	77.42	27.12	4.23	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

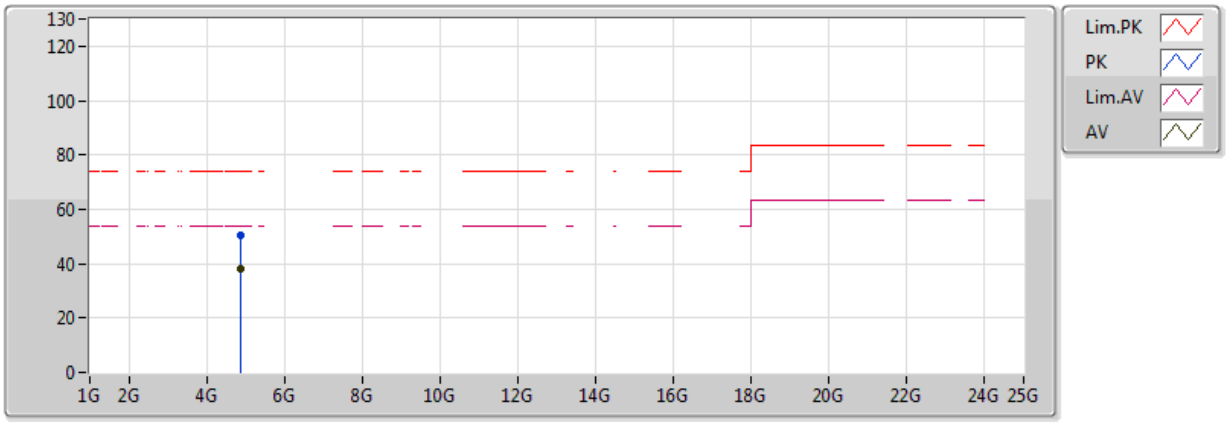


EUT=Z,ANT=Y

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	37.27	54.00	-16.73	2.55	3	Vertical	80	3.69	-	34.72	31.30	6.45	35.19
PK	4.874G	48.83	74.00	-25.17	2.55	3	Vertical	80	3.69	-	46.28	31.30	6.45	35.19

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

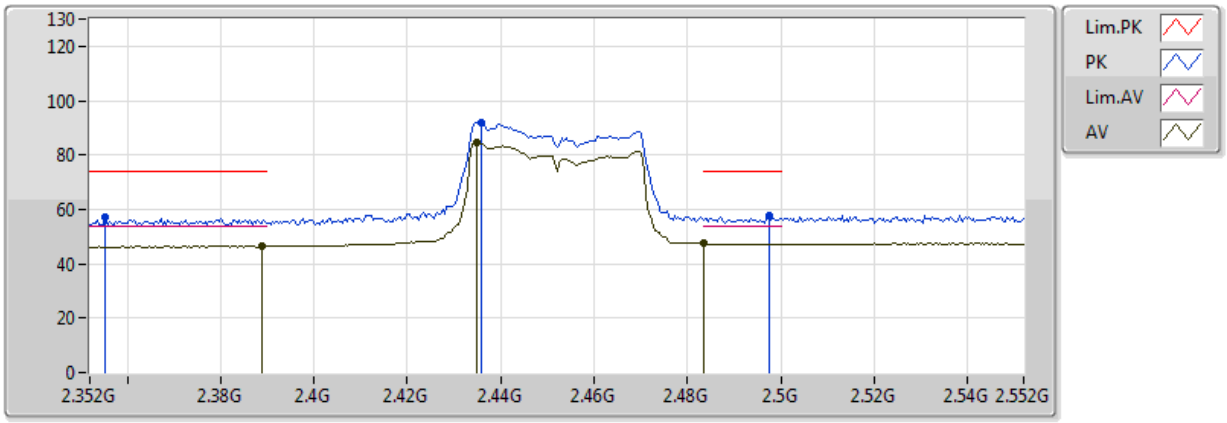


EUT=Z,ANT=Y

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	38.03	54.00	-15.97	2.55	3	Horizontal	199	1.87	-	35.48	31.30	6.45	35.19
PK	4.874G	50.54	74.00	-23.46	2.55	3	Horizontal	199	1.87	-	47.99	31.30	6.45	35.19

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

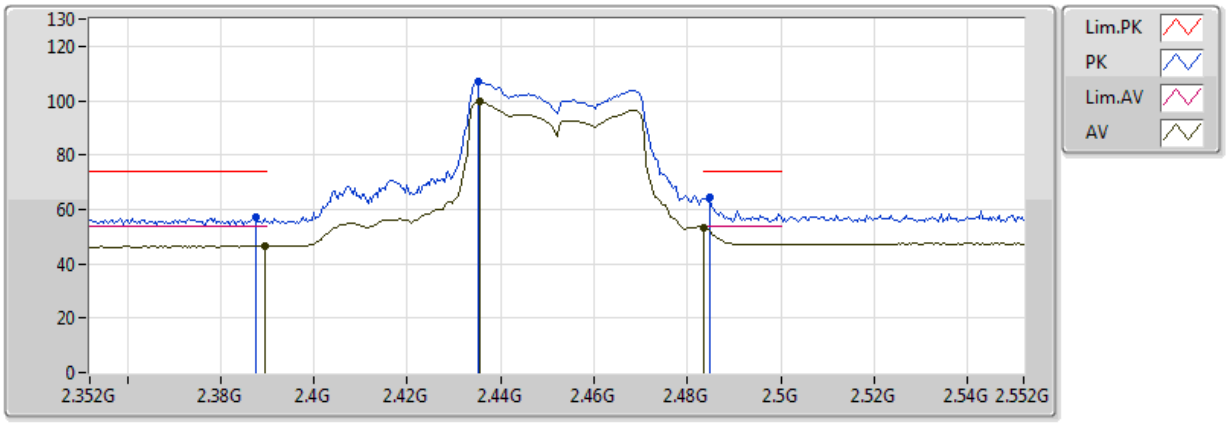


EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3888G	46.47	54.00	-7.53	31.17	3	Vertical	175	2.51	-	15.30	26.99	4.18	-
AV	2.4836G	47.44	54.00	-6.56	31.53	3	Vertical	175	2.51	-	15.92	27.25	4.27	-
AV	2.4348G	84.60	Inf	-Inf	31.34	3	Vertical	175	2.51	-	53.26	27.12	4.22	-
PK	2.3552G	56.88	74.00	-17.12	31.04	3	Vertical	175	2.51	-	25.85	26.89	4.14	-
PK	2.4976G	57.65	74.00	-16.35	31.58	3	Vertical	175	2.51	-	26.07	27.29	4.29	-
PK	2.436G	91.94	Inf	-Inf	31.35	3	Vertical	175	2.51	-	60.60	27.12	4.23	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX



EUT=Z,ANT=Y

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	46.51	54.00	-7.49	31.17	3	Horizontal	179	2.25	-	15.34	26.99	4.18	-
AV	2.4836G	53.36	54.00	-0.64	31.53	3	Horizontal	179	2.25	-	21.83	27.25	4.27	-
AV	2.4356G	99.64	Inf	-Inf	31.35	3	Horizontal	179	2.25	-	68.30	27.12	4.23	-
PK	2.3876G	57.00	74.00	-17.00	31.16	3	Horizontal	179	2.25	-	25.84	26.99	4.18	-
PK	2.4848G	64.29	74.00	-9.71	31.53	3	Horizontal	179	2.25	-	32.76	27.26	4.27	-
PK	2.4352G	107.17	Inf	-Inf	31.34	3	Horizontal	179	2.25	-	75.83	27.12	4.23	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.904G	34.24	54.00	-19.76	2.60	3	Vertical	328	3.68	-	31.65	31.35	6.45	35.20
PK	4.904G	45.71	74.00	-28.29	2.60	3	Vertical	328	3.68	-	43.11	31.35	6.45	35.20

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.904G	37.02	54.00	-16.98	2.60	3	Horizontal	195	3.27	-	34.42	31.35	6.45	35.20
PK	4.904G	48.51	74.00	-25.49	2.60	3	Horizontal	195	3.27	-	45.91	31.35	6.45	35.20

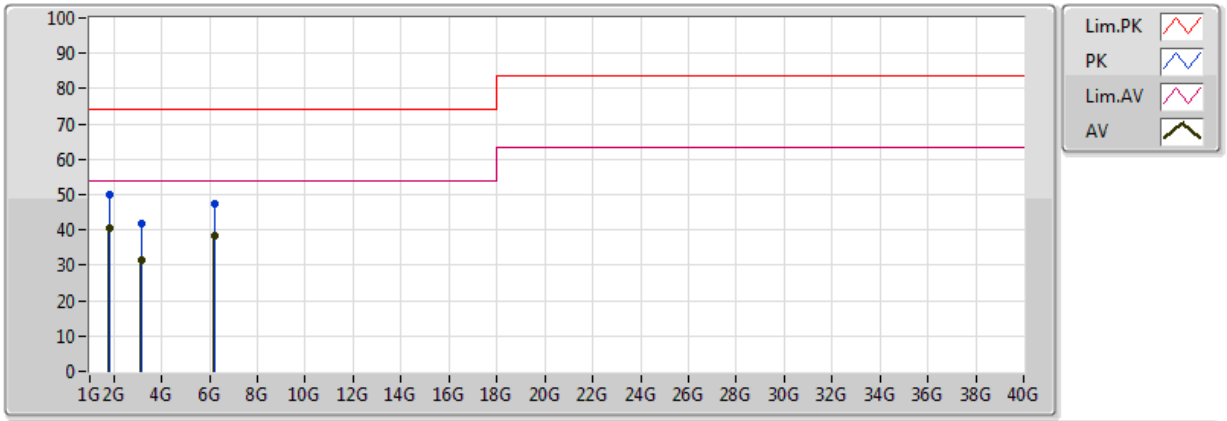
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1.	Pass	AV	2.388G	45.98	54.00	-8.02	-4.02	3	Horizontal	3	1.04	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Radiated-above 1GHz	-	-	-	-	-	-	-	-	-	-	-	-
Mode 1	Pass	AV	2.388G	45.98	54.00	-8.02	-4.02	3	Horizontal	3	1.04	-
Mode 1	Pass	AV	3.344G	32.62	54.00	-21.38	-0.96	3	Horizontal	360	1.50	-
Mode 1	Pass	AV	6.877G	39.38	54.00	-14.62	7.50	3	Horizontal	139	1.50	-
Mode 1	Pass	PK	2.388G	60.61	74.00	-13.39	-4.02	3	Horizontal	3	1.04	-
Mode 1	Pass	PK	3.344G	42.84	74.00	-31.16	-0.96	3	Horizontal	360	1.50	-
Mode 1	Pass	PK	6.877G	51.42	74.00	-22.58	7.50	3	Horizontal	139	1.50	-
Mode 1	Pass	AV	1.812G	40.66	54.00	-13.34	-5.84	3	Vertical	241	1.50	-
Mode 1	Pass	AV	3.152G	31.38	54.00	-22.62	-1.56	3	Vertical	0	1.50	-
Mode 1	Pass	AV	6.248G	38.38	54.00	-15.62	4.80	3	Vertical	157	1.50	-
Mode 1	Pass	PK	1.812G	49.79	74.00	-24.21	-5.84	3	Vertical	241	1.50	-
Mode 1	Pass	PK	3.152G	41.72	74.00	-32.28	-1.56	3	Vertical	0	1.50	-
Mode 1	Pass	PK	6.248G	47.60	74.00	-26.40	4.80	3	Vertical	157	1.50	-

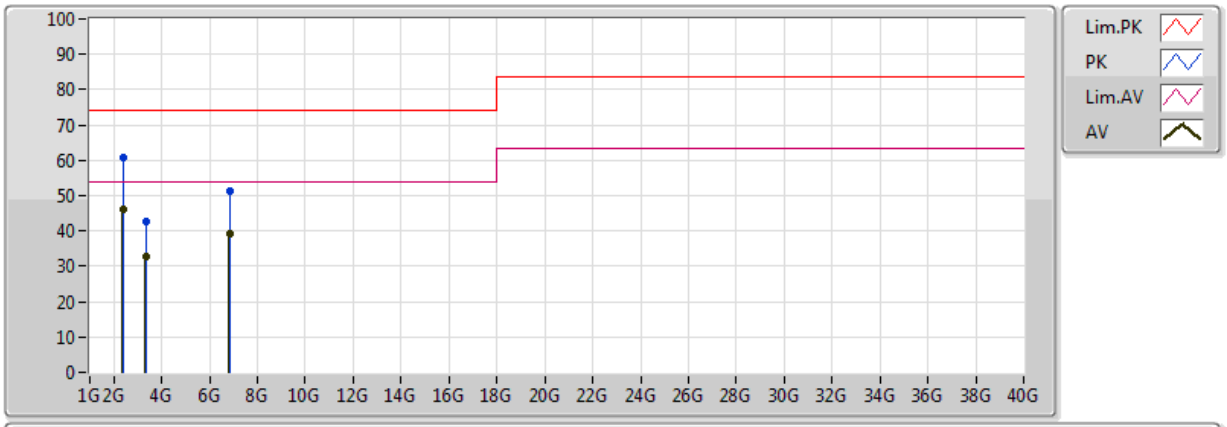
Radiated-above 1GHz_Mode 1



EUT=Z,ANT=Y

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	1.812G	40.66	54.00	-13.34	-5.84	3	Vertical	241	1.50	-	46.50	25.71	3.58	35.13
AV	3.152G	31.38	54.00	-22.62	-1.56	3	Vertical	0	1.50	-	32.94	28.60	5.20	35.35
AV	6.248G	38.38	54.00	-15.62	4.80	3	Vertical	157	1.50	-	33.58	33.29	6.71	35.21
PK	1.812G	49.79	74.00	-24.21	-5.84	3	Vertical	241	1.50	-	55.63	25.71	3.58	35.13
PK	3.152G	41.72	74.00	-32.28	-1.56	3	Vertical	0	1.50	-	43.28	28.60	5.20	35.35
PK	6.248G	47.60	74.00	-26.40	4.80	3	Vertical	157	1.50	-	42.80	33.29	6.71	35.21

Radiated-above 1GHz_Mode 1



EUT=Z,ANT=Y

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	2.388G	45.98	54.00	-8.02	-4.02	3	Horizontal	3	1.04	-	50.00	26.99	4.18	35.19
AV	3.344G	32.62	54.00	-21.38	-0.96	3	Horizontal	360	1.50	-	33.58	28.60	5.76	35.33
AV	6.877G	39.38	54.00	-14.62	7.50	3	Horizontal	139	1.50	-	31.88	34.93	7.78	35.20
PK	2.388G	60.61	74.00	-13.39	-4.02	3	Horizontal	3	1.04	-	64.63	26.99	4.18	35.19
PK	3.344G	42.84	74.00	-31.16	-0.96	3	Horizontal	360	1.50	-	43.80	28.60	5.76	35.33
PK	6.877G	51.42	74.00	-22.58	7.50	3	Horizontal	139	1.50	-	43.92	34.93	7.78	35.20