FCC Test Report

Equipment	:	**WAM2**
Brand Name	:	**Whistle**
Model No.	:	**AM2A**
FCC ID	:	**S8W-AM2A**
Standard	:	**47 CFR FCC Part 15.247**
Operating Band	:	**2400 MHz – 2483.5 MHz**
Function	:	**☒ Point-to-multipoint; ☐ Point-to-point**
Applicant / Manufacturer	:	**Whistle Labs, Inc 1355 Market Street Suite 210 San Francisco, CA 94103, USA**

The product sample received on Aug. 16, 2017 and completely tested on Oct. 26, 2017. We, SPORTON, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Phoenix Chen / Assistant Manager
SPORTON INTERNATIONAL INC.

Testing Laboratory
1190

Table of Contents

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
FR781005AC	Rev. 01	Initial issue of report	Oct. 23, 2017
FR781005AC	Rev. 02	Revise Test Result of Emissions in Restricted Frequency Bands. This report is the latest version replacing for the report issued on Oct. 23, 2017.	Oct. 27, 2017

1 General Description

1.1 Information

1.1.1 RF General Information

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

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	1TX
2.4-2.4835GHz	802.11g	20	1TX
2.4-2.4835GHz	802.11n HT20	20	1TX

Note:
- 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- 11g, HT20 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	Skyline	EFWH-001	FPC	Mini I-PEX	-2.05

1.1.3 EUT Information

Identify EUT				
BT Chip	Brand: ATMEL / Model Name: WINC1500			
Operational Condition				
EUT Power Type	From Host system			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Type of EUT				
☒	Stand-alone			
☐	Combined (EUT where the radio part is fully integrated within another device)			
	Combined Equipment - Brand Name / Model No.:	…		
☐	Plug-in radio (EUT intended for a variety of host systems)			
	Host System - Brand Name / Model No.:	…		
☐	Other:			

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.997	0.013	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.972	0.123	1.395m	1k
802.11n HT20	0.972	0.123	1.303m	1k

1.2 Testing Applied Standards

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-HY	Lisa	23.3°C / 61%	11/Oct/2017
Radiated	03CH02-HY	Andy	25.6°C / 58%	26/Oct/2017
AC Conduction	CO04-HY	Ryan	24.2°C / 62%	25/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 Version	WILC1000/WINC1500 Software (Built from trunk revision 796)

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	-9
2437MHz	-12
2462MHz	-10.5
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	-8.5
2437MHz	-8
2462MHz	-8
802.11n HT20_Nss1,(MCS0)_1TX	-
2412MHz	-7.5
2437MHz	-7
2462MHz	-7

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	USB 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	USB Mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	**X Plane**	**Y Plane**	**Z Plane**
			
Worst Planes of EUT	V		

2.4 Accessories

Accessories		
USB Cable	Signal Line	1 meter, non-shielded cable, w/o ferrite core

Reminder: Regarding to more detail and other information, please refer to user manual.

2.5 Support Equipment

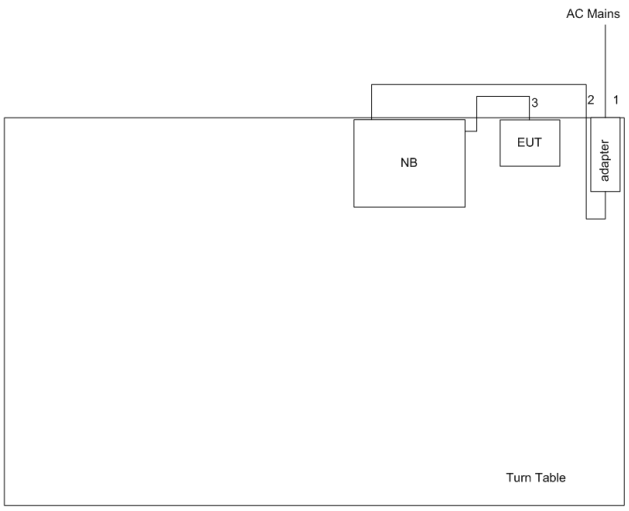
Support Equipment – RF Conducted				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5410	DoC
2	Adapter for NB	DELL	HA65NM130	DoC

Support Equipment – Radiated Emission				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5530	R33002
2	Adapter for NB	DELL	LA65NS2-01	DoC

Support Equipment – AC Conduction				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5540	DoC
2	Adapter for NB	DELL	LA65NS2-01	DoC

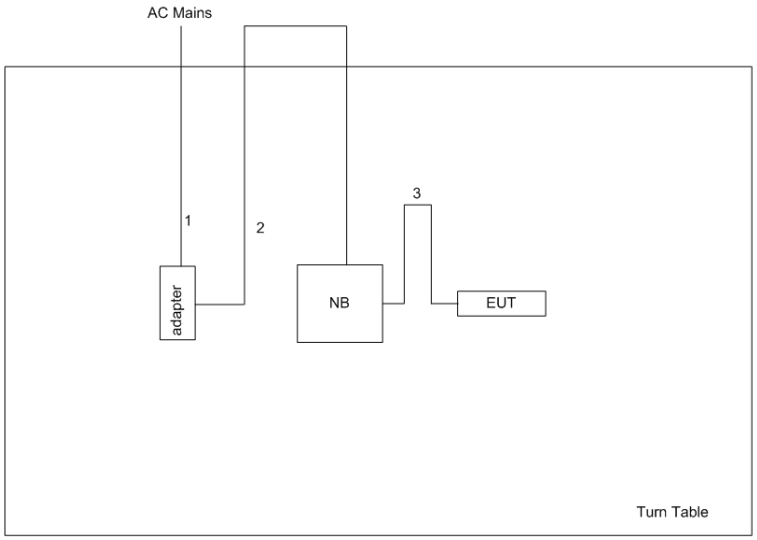
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC power line	No	1.8m	-
2	DC power line	No	1.8m	-
3	USB cable	No	1.0m	-

Test Setup Diagram - Radiated Test



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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

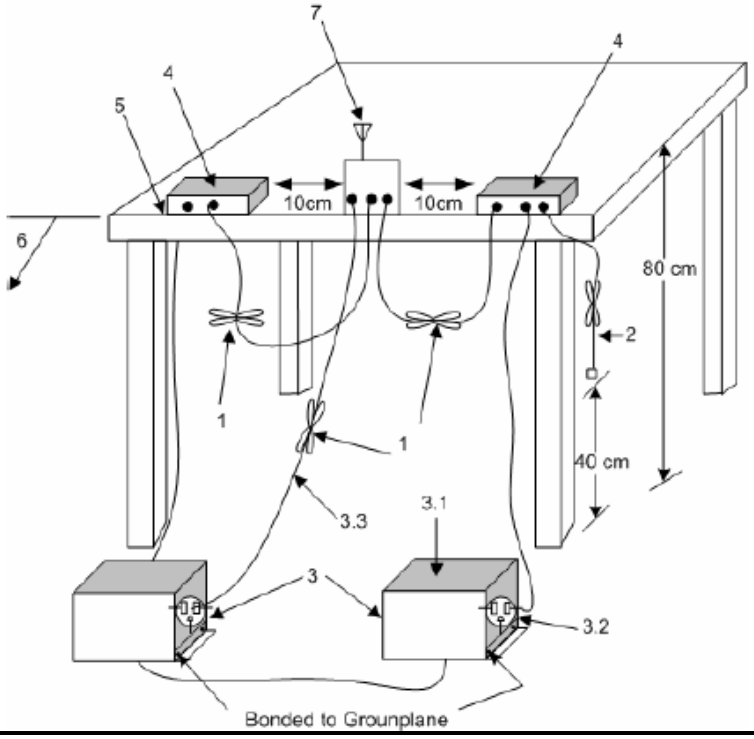
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

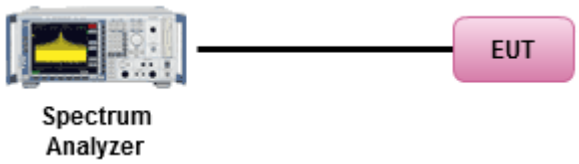
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

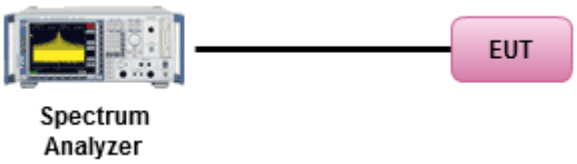
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

Un-restricted Band Emissions Limit	
RF output power procedure	**Limit (dB)**
Peak output power procedure	20
Average output power procedure	30
Note 1: If the peak output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum measured in-band peak PSD level. Note 2: If the average output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the power in any 100 kHz outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum measured in-band average PSD level.	

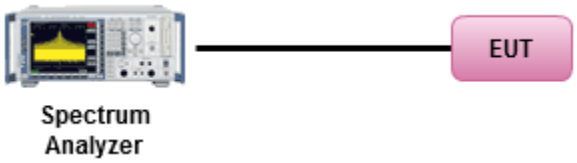
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup

Emissions in Non-restricted Frequency Bands


3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

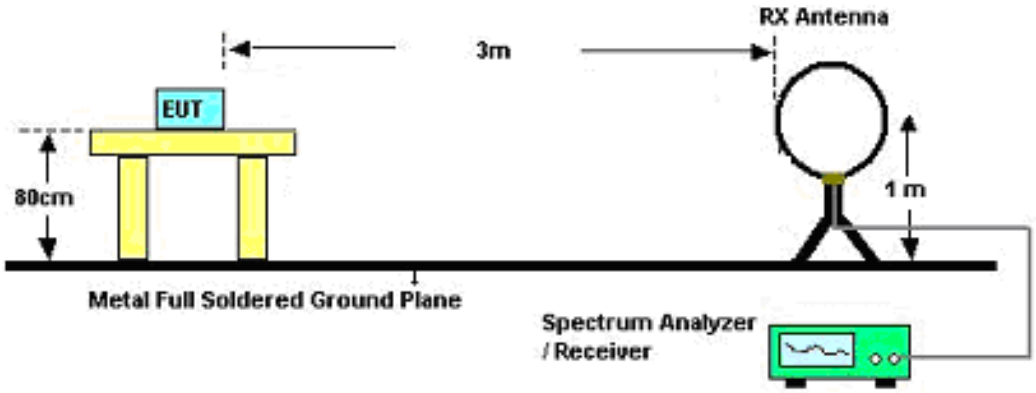
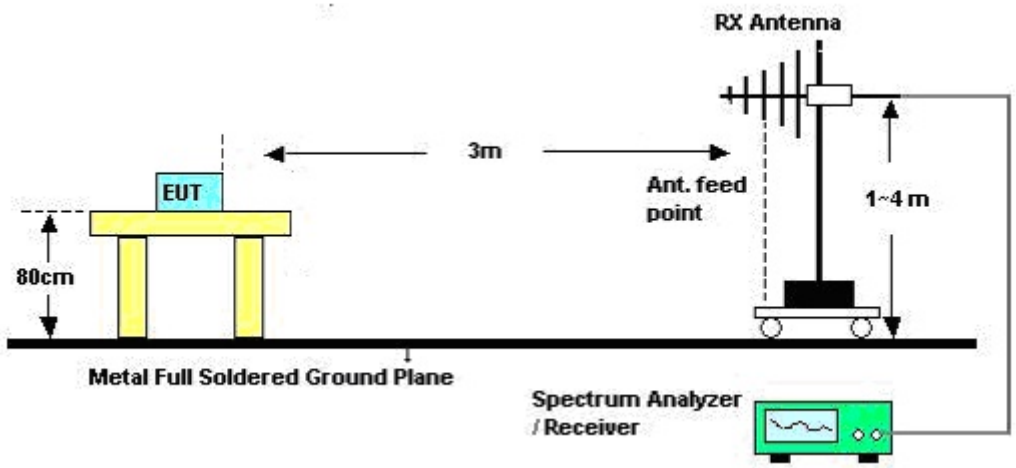
3.6.2 Measuring Instruments

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

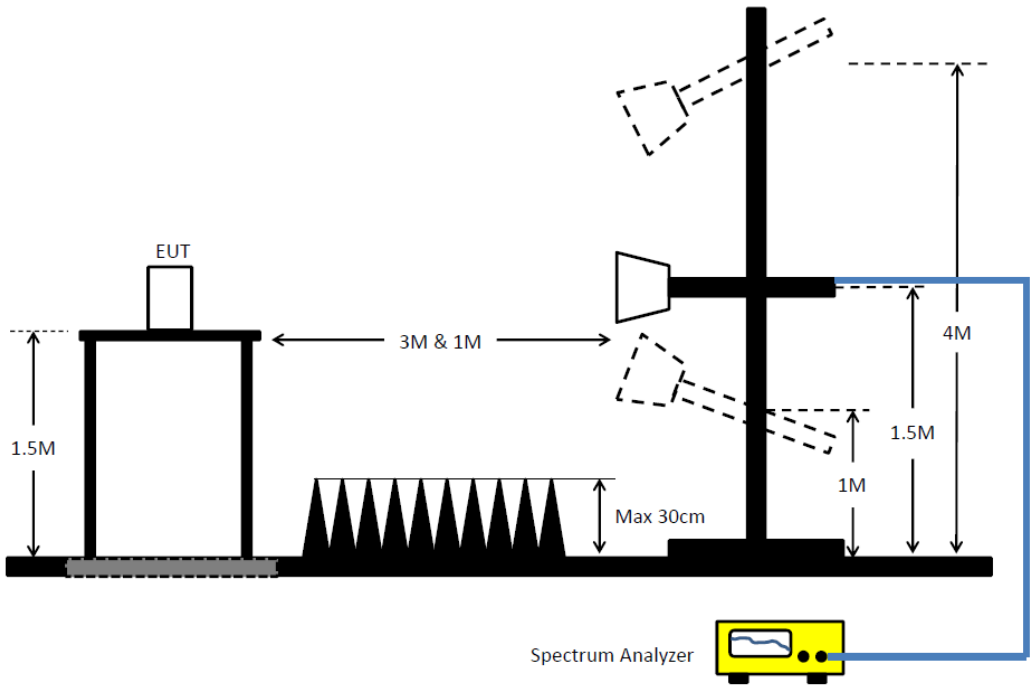
3.6.3 Test Procedures

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

3.6.4 Test Setup

Emissions in Restricted Frequency Bands
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.6.5 Test Result of Emissions in Restricted Frequency Bands

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

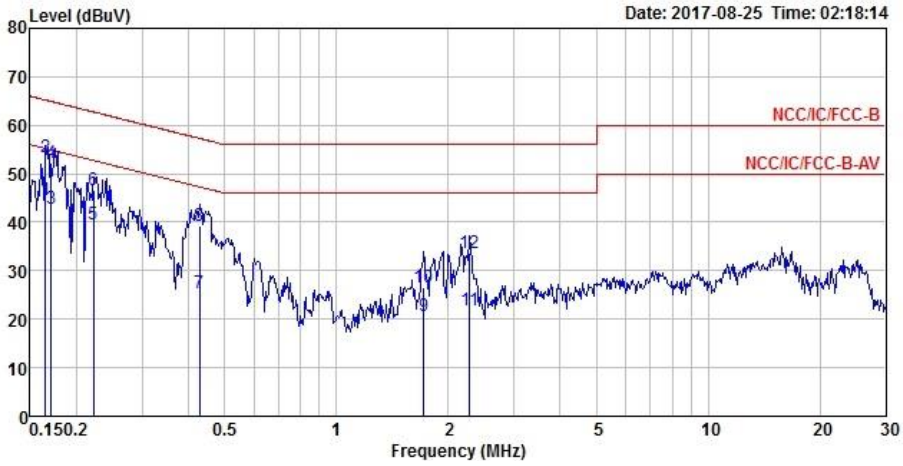
Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSP40	100593	9KHz - 40GHz	28/Jun/2017	27/Jun/2018
3m Semi Anechoic	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz-1GHz	15/Oct/2017	16/Oct/2018
3m Semi Anechoic	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz ~ 18GHz	12/Dec/2016	11/Dec/2017
Amplifier	Agilent	8447D	2944A11149	100KHz-1.3GHz	29/Jun/2017	28/Jun/2018
Amplifier	KEYSIGHT	83017A	MY53270197	1GHz ~ 26.5GHz	31/Aug/2017	30/Aug/2018
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA9120D 01531	1GHz-18GHz	11/May/2017	10/May/2018
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170154	18GHz-40GHz	06/Feb/2017	05/Feb/2018
Bilog Antenna	SCHAFFNER	CBL 6112D	22237	30MHz ~ 1GHz	08/Jul/2017	07/Jul/2018
Loop Antenna	TESEQ	HLA 6120	31244	9KHz-30MHz	02/Mar/2017	01/Mar/2018
RF Cable-high	SUHNER	SUCOFLEX104	MY34918/4	1GHz ~ 40GHz	26/Jan/2017	25/Jan/2018
RF Cable-R03m	Jye Bao	RG142	CB017	9kHz ~ 1GHz	26/Jan/2017	25/Jan/2018
Receiver	R&S	ESR3	102052	9KHz ~ 3.6GHz	29/Apr/2017	28/Apr/2018

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	9kHz~40GHz	30/Dec/2016	29/Dec/2017
Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	10/Feb/2017	09/Feb/2018
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	10/Feb/2017	09/Feb/2018
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	27/Jul/2017	26/Jul/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10710/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10709/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10713/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018

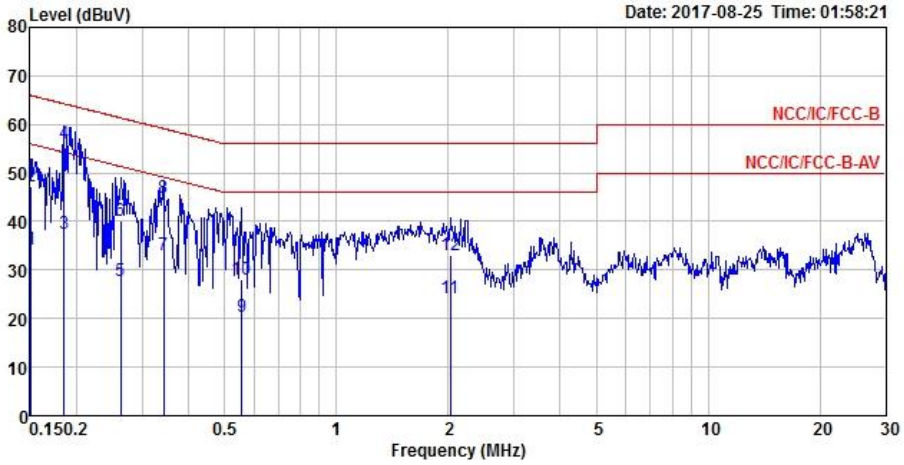
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	USB Mode		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1 MAX	0.17	44.48	-10.73	55.21	34.61	9.62	0.25	Average
2	0.17	53.41	-11.80	65.21	43.54	9.62	0.25	QP
3	0.19	42.91	-12.03	54.94	33.02	9.63	0.26	Average
4	0.19	52.29	-12.65	64.94	42.40	9.63	0.26	QP
5	0.22	39.49	-13.26	52.75	29.56	9.66	0.27	Average
6	0.22	46.77	-15.98	62.75	36.84	9.66	0.27	QP
7	0.43	25.50	-21.79	47.29	15.77	9.63	0.10	Average
8	0.43	39.17	-18.12	57.29	29.44	9.63	0.10	QP
9	1.72	20.63	-25.37	46.00	10.73	9.64	0.26	Average
10	1.72	26.59	-29.41	56.00	16.69	9.64	0.26	QP
11	2.28	21.84	-24.16	46.00	11.92	9.66	0.26	Average
12	2.28	33.57	-22.43	56.00	23.65	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	USB Mode		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.15	34.23	-21.73	55.96	24.35	9.66	0.22	Average
2	0.15	47.14	-18.82	65.96	37.26	9.66	0.22	QP
3	0.19	37.43	-16.81	54.24	27.50	9.65	0.28	Average
4 MAX	0.19	56.23	-8.01	64.24	46.30	9.65	0.28	QP
5	0.26	27.81	-23.53	51.34	17.93	9.66	0.22	Average
6	0.26	40.08	-21.26	61.34	30.20	9.66	0.22	QP
7	0.34	33.05	-16.08	49.13	23.24	9.67	0.14	Average
8	0.34	44.96	-14.17	59.13	35.15	9.67	0.14	QP
9	0.56	20.38	-25.62	46.00	10.62	9.66	0.10	Average
10	0.56	28.02	-27.98	56.00	18.26	9.66	0.10	QP
11	2.02	24.24	-21.76	46.00	14.15	9.79	0.30	Average
12	2.02	33.03	-22.97	56.00	22.94	9.79	0.30	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)_1TX	-	-	-	-	-
2.4-2.4835GHz	12.05M	14.068M	14M1G1D	11.05M	13.918M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2.4-2.4835GHz	16.05M	16.592M	16M6D1D	16.025M	16.517M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2.4-2.4835GHz	17.15M	17.766M	17M8D1D	16.675M	17.691M

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

Result

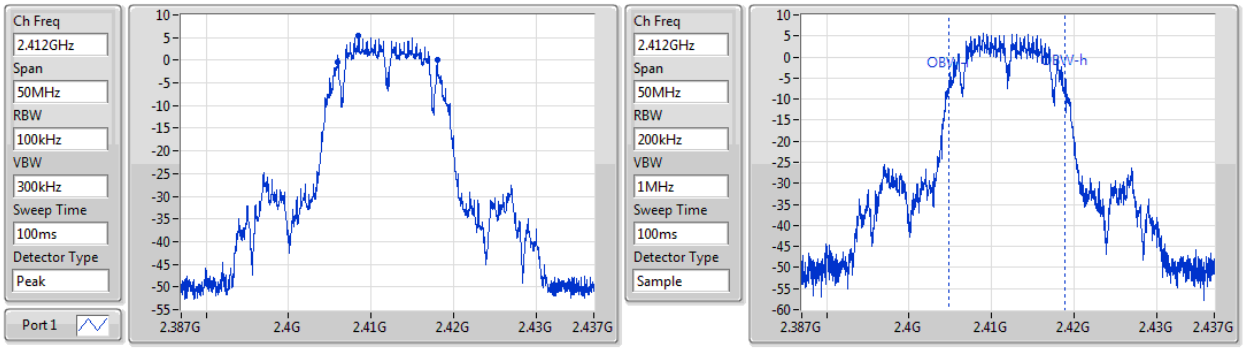
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz_TnomVnom	Pass	500k	12.05M	14.068M
2437MHz_TnomVnom	Pass	500k	11.05M	13.918M
2462MHz_TnomVnom	Pass	500k	12.05M	13.968M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz_TnomVnom	Pass	500k	16.025M	16.517M
2437MHz_TnomVnom	Pass	500k	16.05M	16.567M
2462MHz_TnomVnom	Pass	500k	16.05M	16.592M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz_TnomVnom	Pass	500k	16.675M	17.691M
2437MHz_TnomVnom	Pass	500k	17.15M	17.766M
2462MHz_TnomVnom	Pass	500k	16.675M	17.716M

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

802.11b_Nss1,(1Mbps)_1TX

EBW

2412MHz

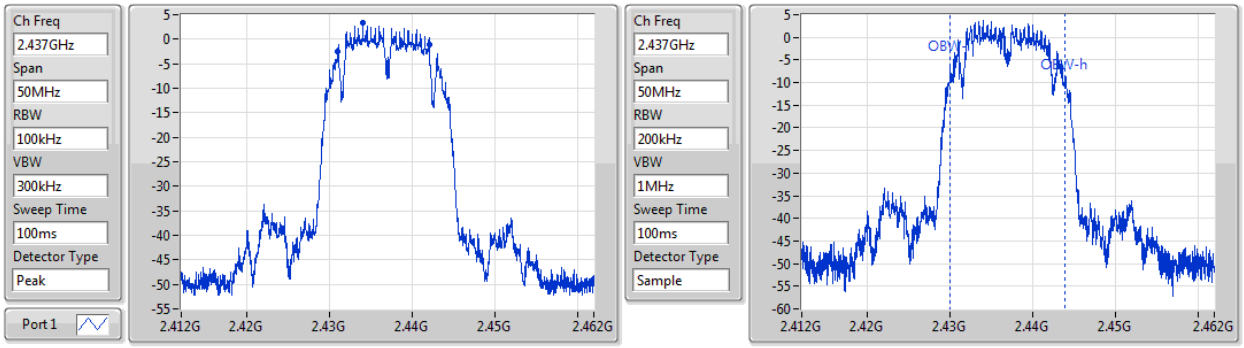


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
12.05M	2.40595G	2.418G	14.068M	2.404879G	2.418947G	500k	1

802.11b_Nss1,(1Mbps)_1TX

EBW

2437MHz

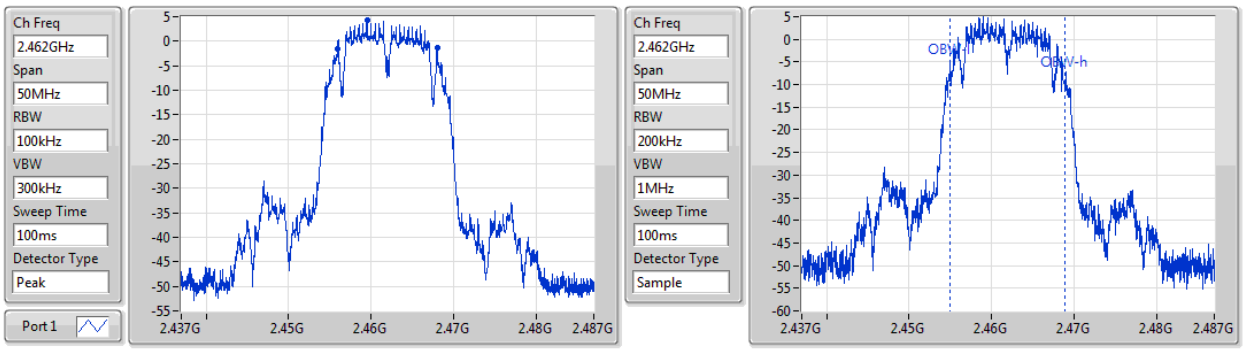


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
11.05M	2.431G	2.44205G	13.918M	2.429954G	2.443872G	500k	1

802.11b_Nss1,(1Mbps)_1TX

EBW

2462MHz

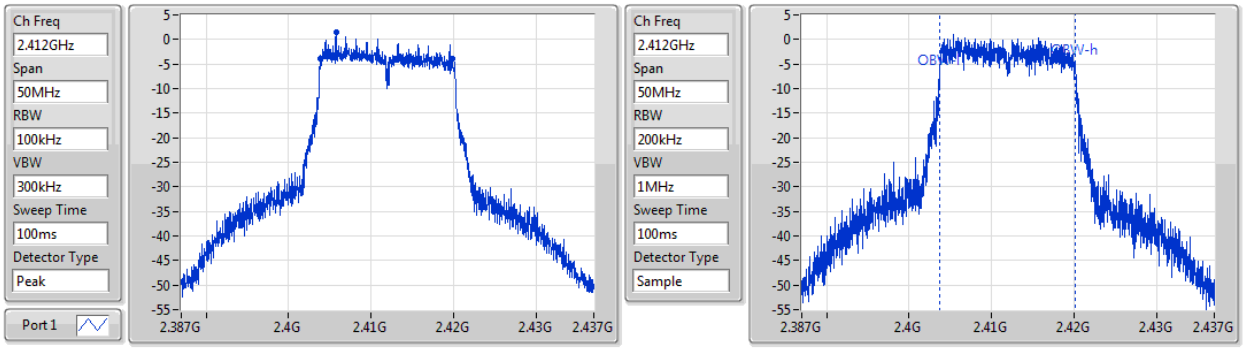


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
12.05M	2.455975G	2.468025G	13.968M	2.454904G	2.468872G	500k	1

802.11g_Nss1,(6Mbps)_1TX

EBW

2412MHz

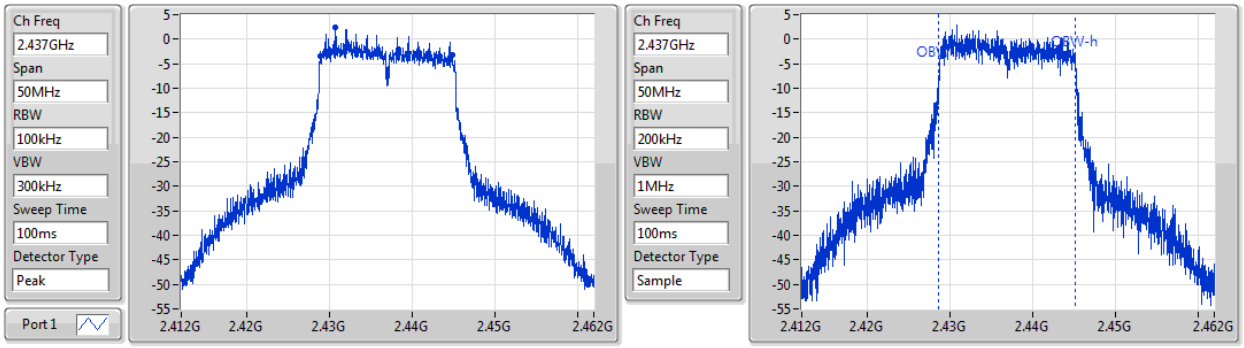


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.025M	2.40385G	2.419875G	16.517M	2.403679G	2.420196G	500k	1

802.11g_Nss1,(6Mbps)_1TX

EBW

2437MHz

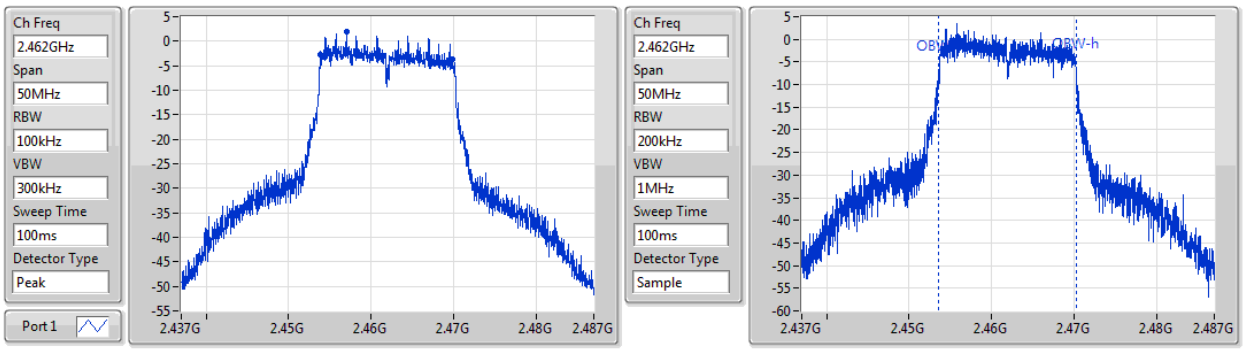


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.05M	2.428825G	2.444875G	16.567M	2.428629G	2.445196G	500k	1

802.11g_Nss1,(6Mbps)_1TX

EBW

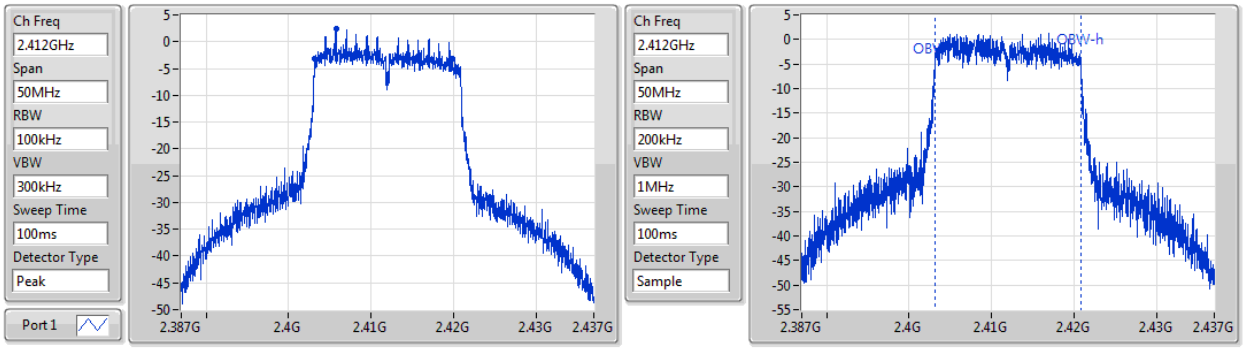
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.05M	2.45385G	2.4699G	16.592M	2.453629G	2.470221G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX EBW

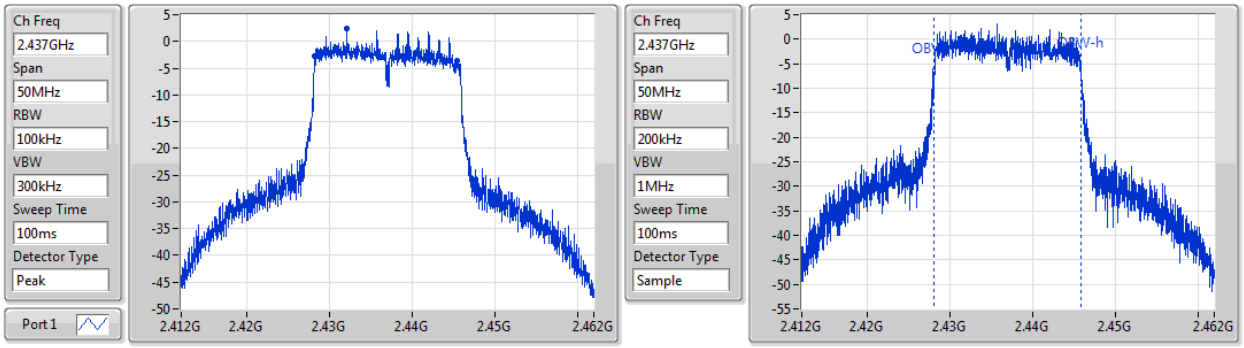
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.675M	2.403225G	2.4199G	17.691M	2.403104G	2.420796G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX EBW

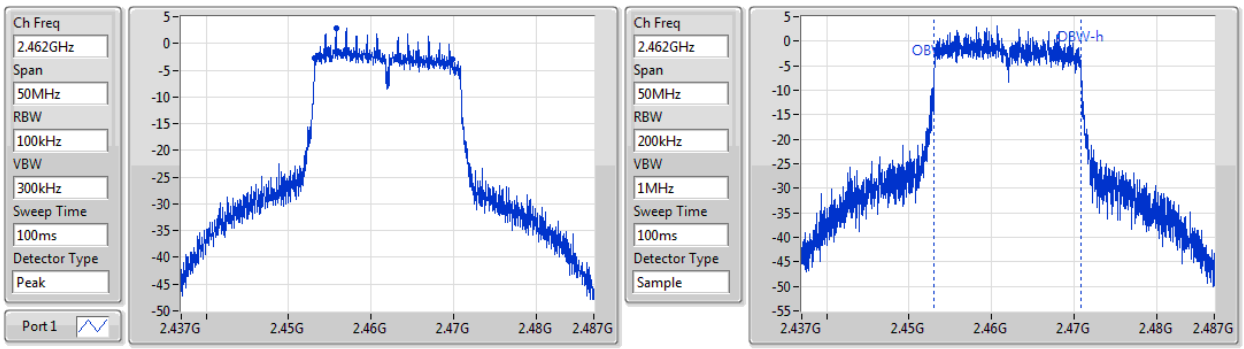
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.15M	2.428225G	2.445375G	17.766M	2.428054G	2.445821G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX EBW

2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.675M	2.453225G	2.4699G	17.716M	2.453079G	2.470796G	500k	1

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	16.50	0.04467
802.11g_Nss1,(6Mbps)_1TX	14.04	0.02535
802.11n HT20_Nss1,(MCS0)_1TX	14.90	0.03090

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	-2.05	16.50	16.50	30.00
2437MHz	Pass	-2.05	14.09	14.09	30.00
2462MHz	Pass	-2.05	15.33	15.33	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	-2.05	13.39	13.39	30.00
2437MHz	Pass	-2.05	14.04	14.04	30.00
2462MHz	Pass	-2.05	13.99	13.99	30.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	-2.05	14.22	14.22	30.00
2437MHz	Pass	-2.05	14.78	14.78	30.00
2462MHz	Pass	-2.05	14.90	14.90	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-8.58
802.11g_Nss1,(6Mbps)_1TX	-9.36
802.11n HT20_Nss1,(MCS0)_1TX	-9.74

RBW=3kHz.

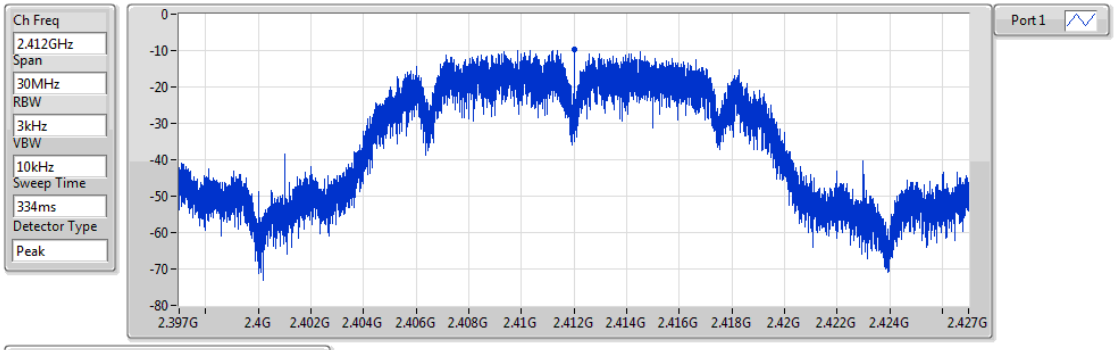
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	-2.05	-9.56	-9.56	8.00
2437MHz	Pass	-2.05	-8.58	-8.58	8.00
2462MHz	Pass	-2.05	-9.35	-9.35	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	-2.05	-10.02	-10.02	8.00
2437MHz	Pass	-2.05	-9.36	-9.36	8.00
2462MHz	Pass	-2.05	-9.97	-9.97	8.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	-2.05	-9.74	-9.74	8.00
2437MHz	Pass	-2.05	-10.24	-10.24	8.00
2462MHz	Pass	-2.05	-10.30	-10.30	8.00

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

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

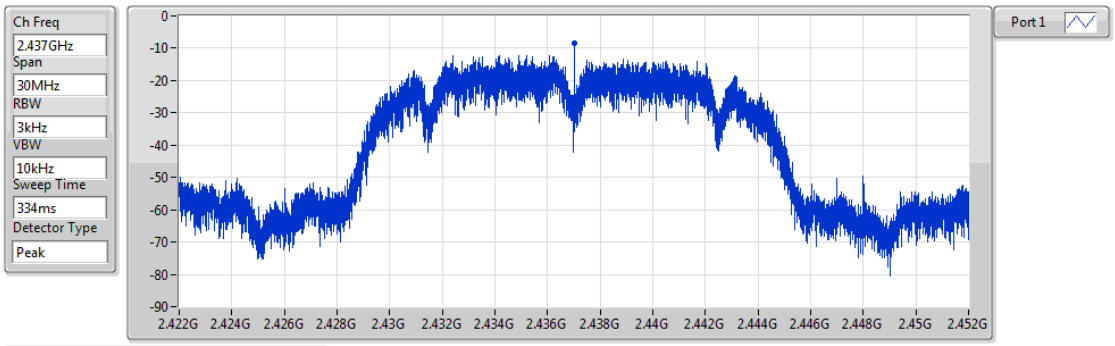
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.56	-9.56	-9.56

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

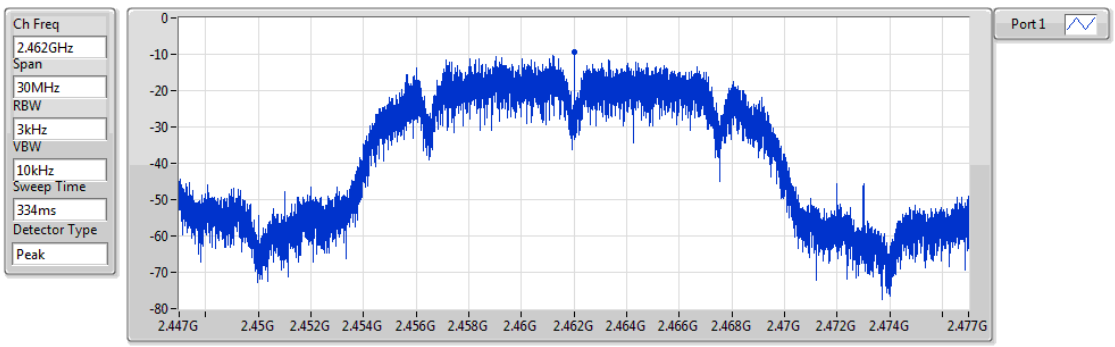
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.58	-8.58	-8.58

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

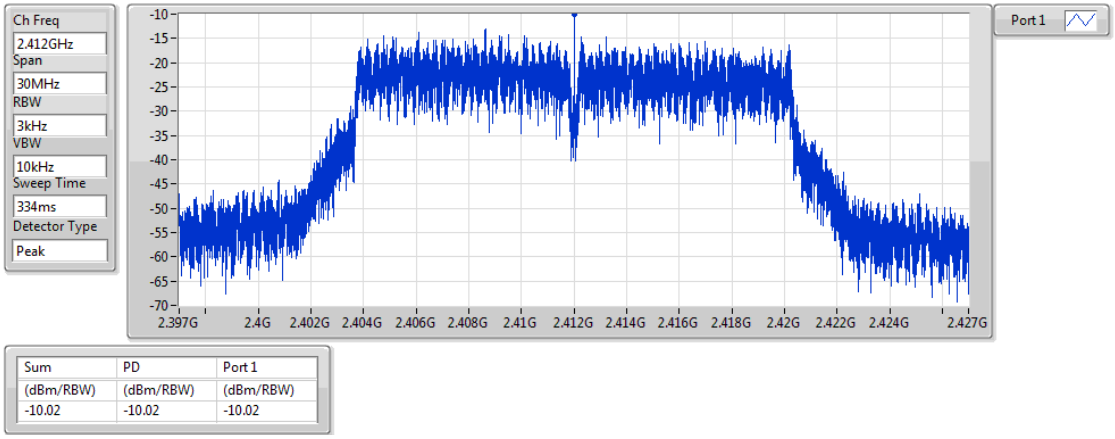
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.35	-9.35	-9.35

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

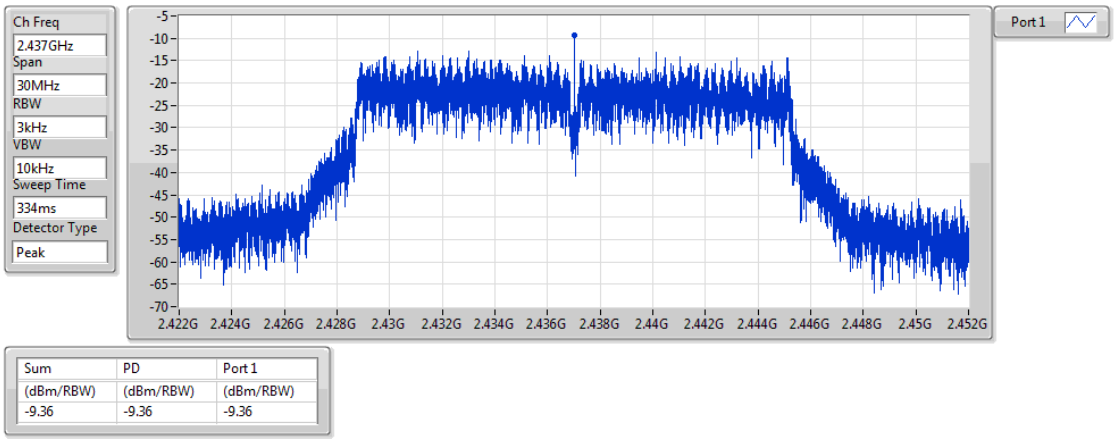
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.02	-10.02	-10.02

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

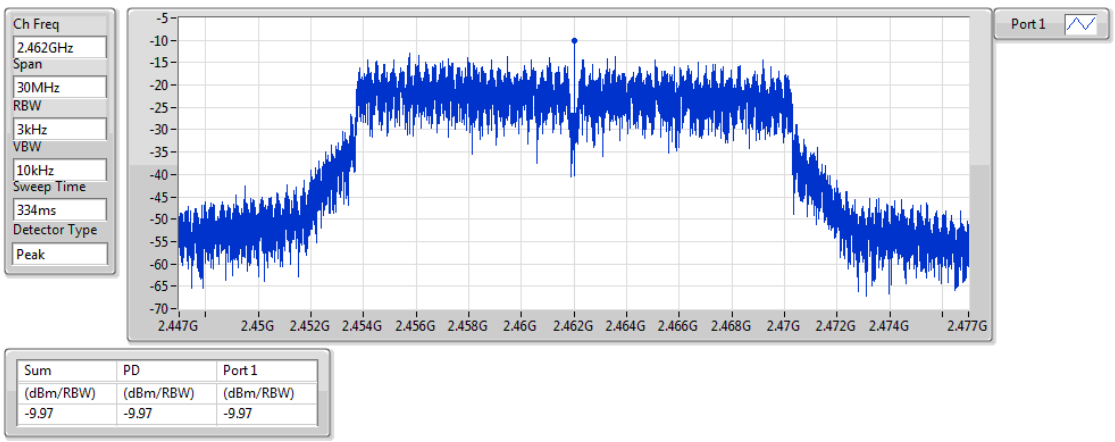
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.36	-9.36	-9.36

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

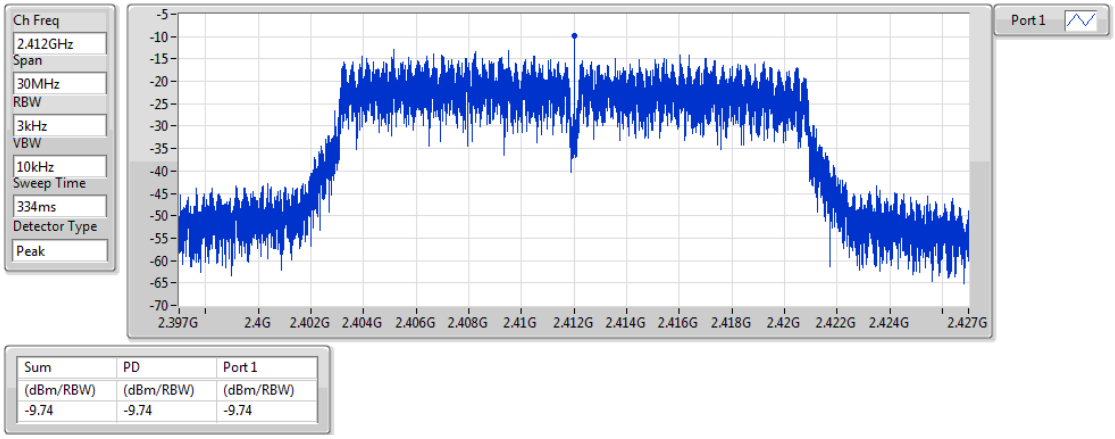
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.97	-9.97	-9.97

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

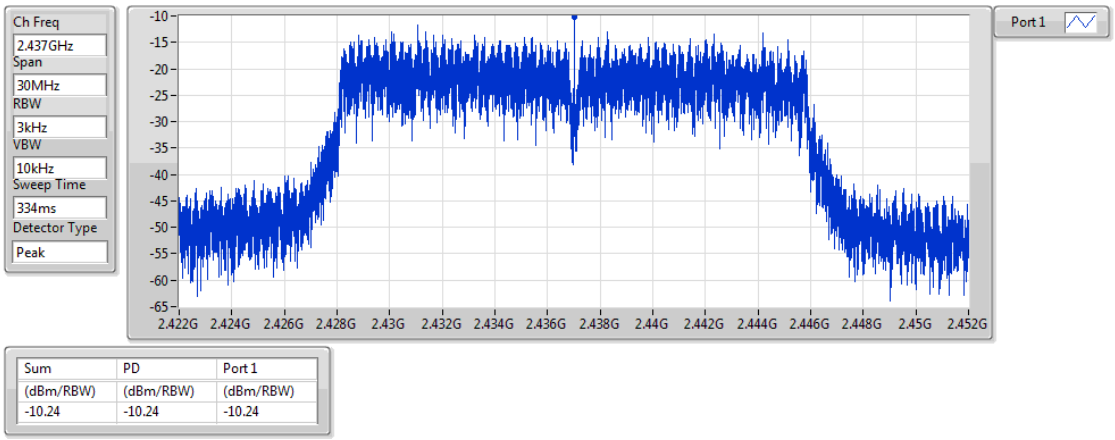
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.74	-9.74	-9.74

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

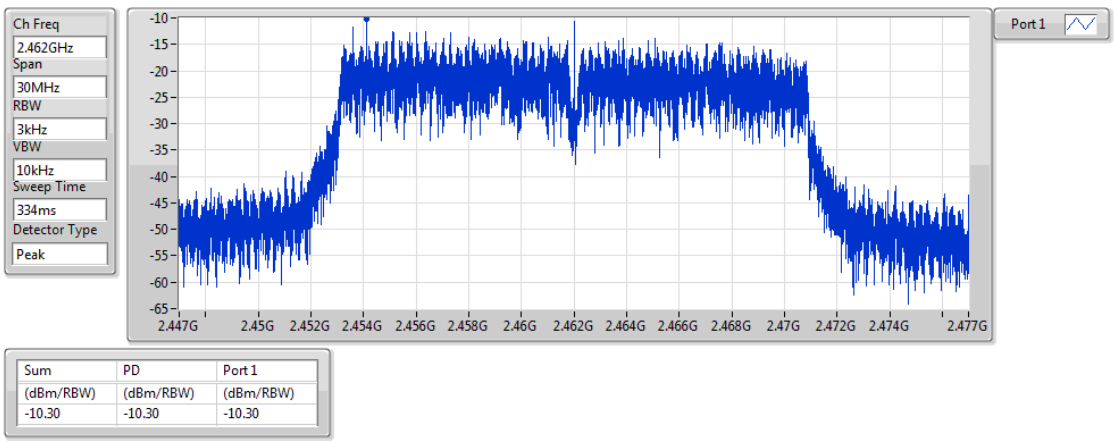
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.24	-10.24	-10.24

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

2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.30	-10.30	-10.30

Summary

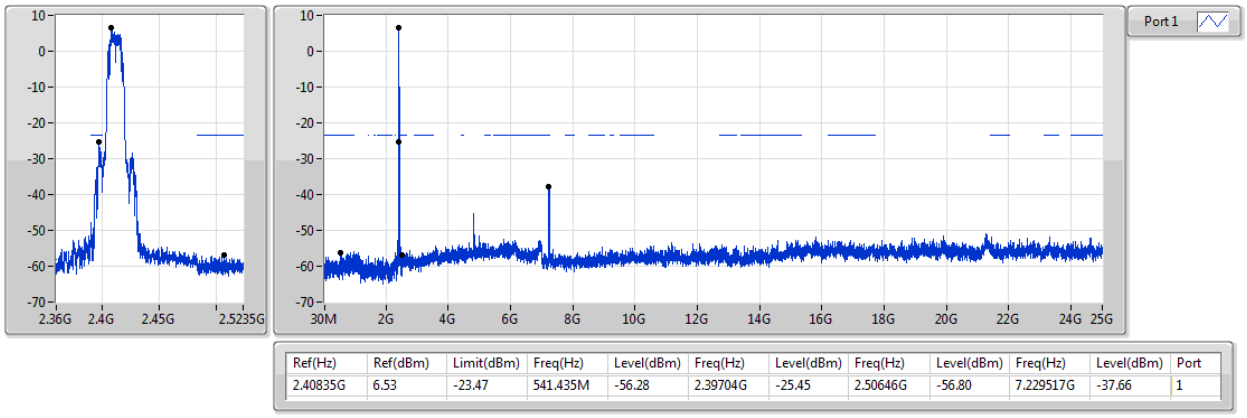
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	2.432064G	2.78	-27.22	915.4M	-56.09	2.3992G	-27.81	2.51606G	-56.68	7.229517G	-43.52	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.40835G	6.53	-23.47	541.435M	-56.28	2.39704G	-25.45	2.50646G	-56.80	7.229517G	-37.66	1
2437MHz_TnomVnom	Pass	2.40835G	6.53	-23.47	893.265M	-55.86	2.39816G	-57.08	2.48726G	-56.64	6.931704G	-49.28	1
2462MHz_TnomVnom	Pass	2.40835G	6.53	-23.47	911.905M	-56.56	2.3988G	-58.25	2.49902G	-53.98	9.848029G	-50.35	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.432064G	2.78	-27.22	915.4M	-56.09	2.3992G	-27.81	2.51606G	-56.68	7.229517G	-43.52	1
2437MHz_TnomVnom	Pass	2.432064G	2.78	-27.22	237.37M	-56.18	2.39824G	-56.23	2.49462G	-55.86	21.40657G	-51.31	1
2462MHz_TnomVnom	Pass	2.432064G	2.78	-27.22	876.955M	-56.28	2.3924G	-58.10	2.48454G	-43.38	6.934513G	-51.15	1
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.455778G	4.06	-25.94	868.8M	-56.00	2.39824G	-26.89	2.50398G	-57.03	7.232327G	-41.31	1
2437MHz_TnomVnom	Pass	2.455778G	4.06	-25.94	936.37M	-56.29	2.39888G	-54.08	2.48566G	-56.48	9.746885G	-50.08	1
2462MHz_TnomVnom	Pass	2.455778G	4.06	-25.94	656.77M	-56.67	2.39984G	-58.48	2.48358G	-35.70	16.720219G	-51.87	1

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

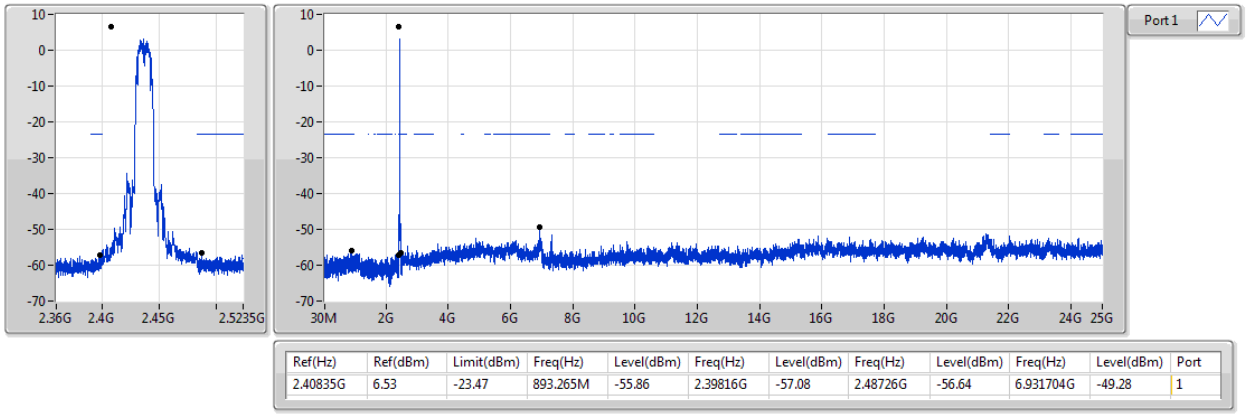
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.40835G	6.53	-23.47	541.435M	-56.28	2.39704G	-25.45	2.50646G	-56.80	7.229517G	-37.66	1

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

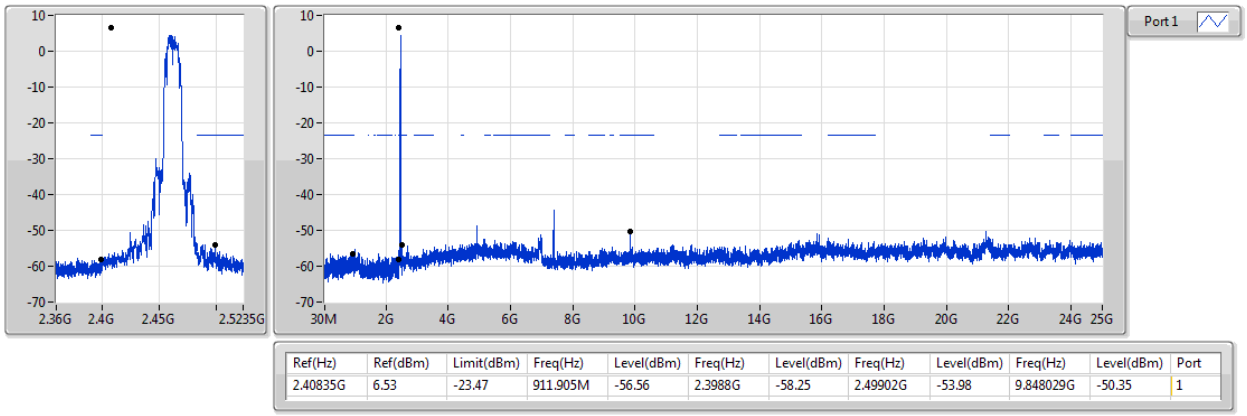
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.40835G	6.53	-23.47	893.265M	-55.86	2.39816G	-57.08	2.48726G	-56.64	6.931704G	-49.28	1

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

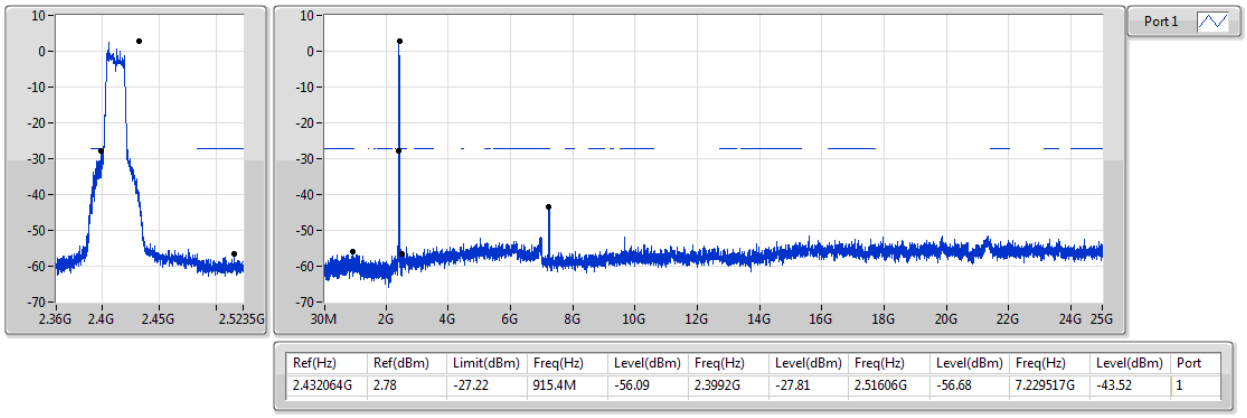
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.40835G	6.53	-23.47	911.905M	-56.56	2.3988G	-58.25	2.49902G	-53.98	9.848029G	-50.35	1

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

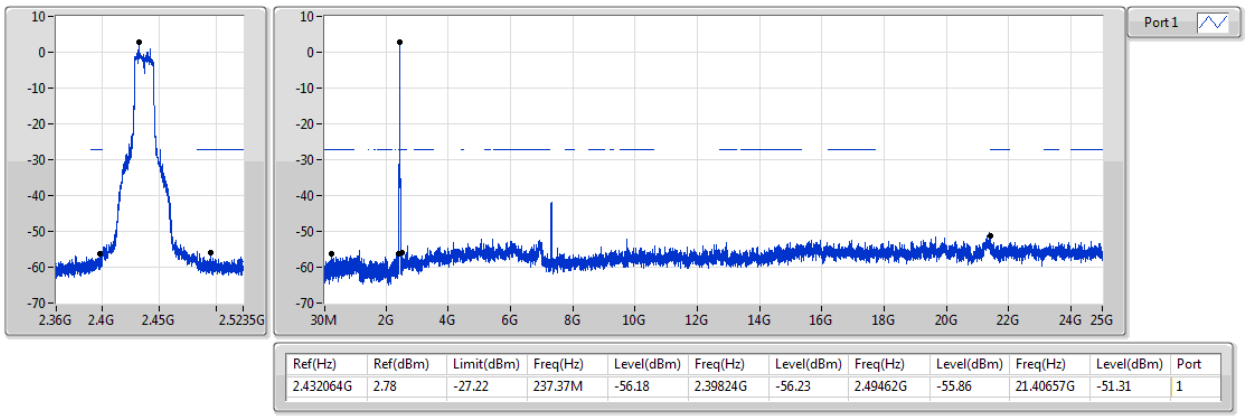
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.432064G	2.78	-27.22	915.4M	-56.09	2.3992G	-27.81	2.51606G	-56.68	7.229517G	-43.52	1

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

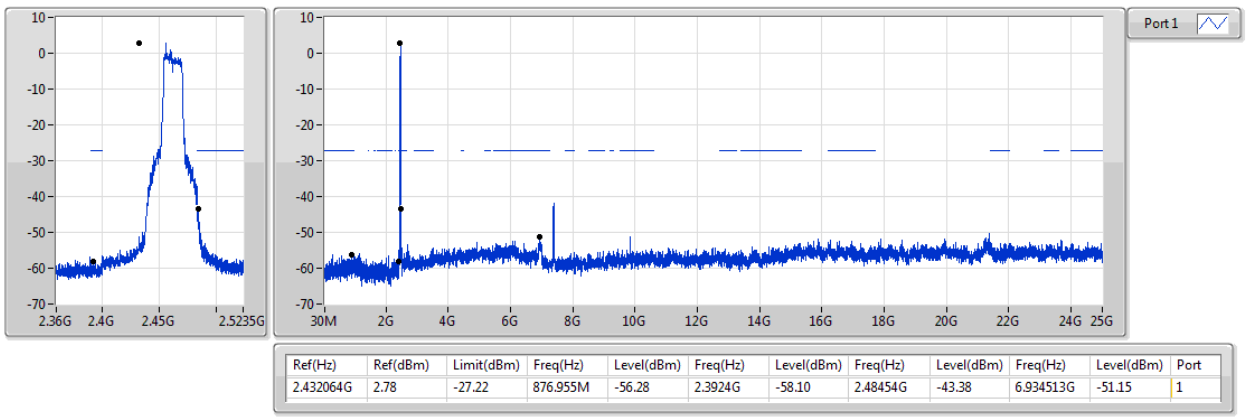
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.432064G	2.78	-27.22	237.37M	-56.18	2.39824G	-56.23	2.49462G	-55.86	21.40657G	-51.31	1

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

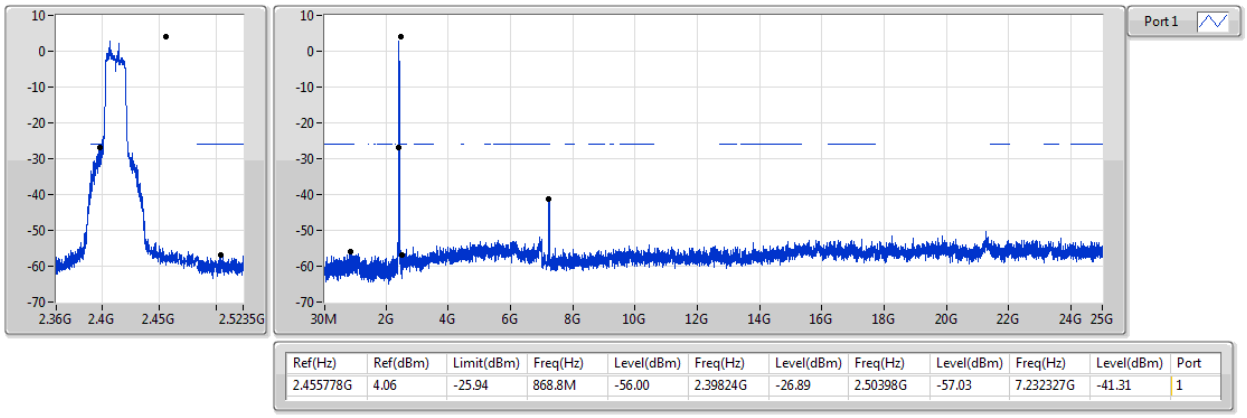
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.432064G	2.78	-27.22	876.955M	-56.28	2.3924G	-58.10	2.48454G	-43.38	6.934513G	-51.15	1

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

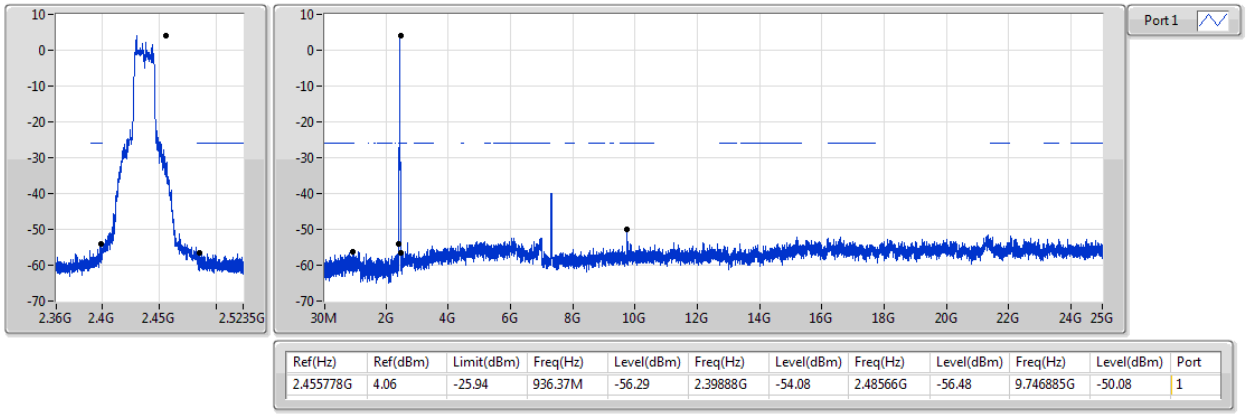
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.455778G	4.06	-25.94	868.8M	-56.00	2.39824G	-26.89	2.50398G	-57.03	7.232327G	-41.31	1

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

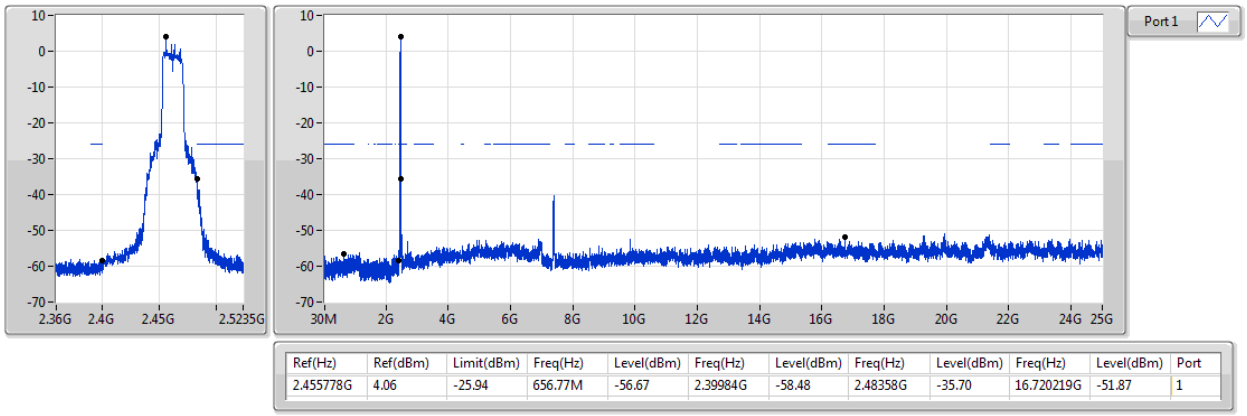
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.455778G	4.06	-25.94	936.37M	-56.29	2.39888G	-54.08	2.48566G	-56.48	9.746885G	-50.08	1

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

2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.455778G	4.06	-25.94	656.77M	-56.67	2.39984G	-58.48	2.48358G	-35.70	16.720219G	-51.87	1

Summary

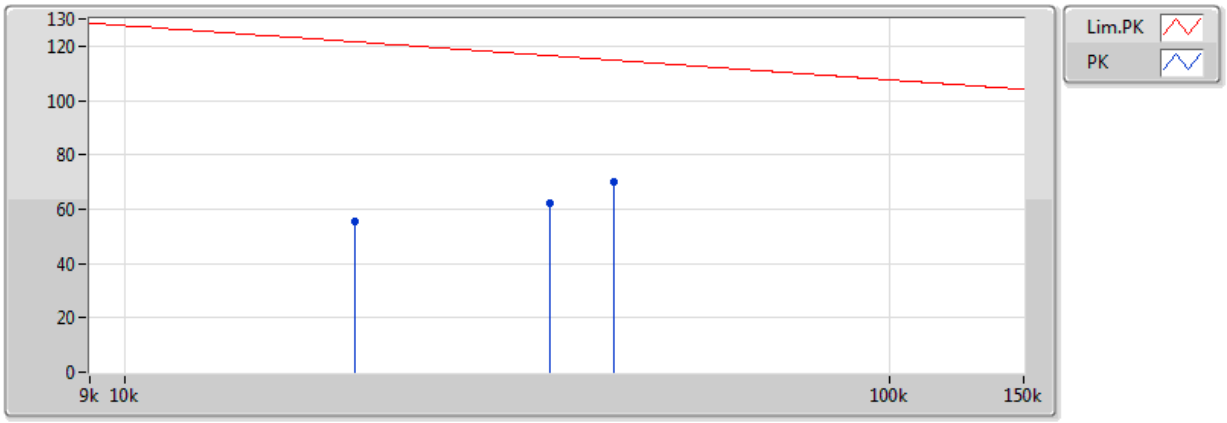
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	PK	37.76M	32.98	40.00	-7.02	-8.27	3	Vertical	0	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz_USB	Pass	PK	19.998k	55.25	127.71	-72.46	21.98	3	Horizontal	360	1.00	-
2437MHz_USB	Pass	PK	36.072k	62.43	126.55	-64.12	21.81	3	Horizontal	360	1.00	-
2437MHz_USB	Pass	PK	43.686k	70.06	126.00	-55.94	21.47	3	Horizontal	360	1.00	-
2437MHz_USB	Pass	PK	567.9k	54.73	73.11	-18.38	20.36	3	Horizontal	0	1.00	-
2437MHz_USB	Pass	PK	2.3589M	42.52	69.50	-26.98	20.63	3	Horizontal	0	1.00	-
2437MHz_USB	Pass	PK	22.8957M	34.55	69.50	-34.95	23.02	3	Horizontal	0	1.00	-
2437MHz_USB	Pass	PK	94.02M	35.39	43.50	-8.11	-11.59	3	Horizontal	360	1.00	-
2437MHz_USB	Pass	PK	127M	35.79	43.50	-7.71	-8.98	3	Horizontal	360	1.00	-
2437MHz_USB	Pass	PK	274.44M	37.63	46.00	-8.37	-6.97	3	Horizontal	360	1.00	-
2437MHz_USB	Pass	PK	309.36M	37.75	46.00	-8.25	-6.19	3	Horizontal	360	1.00	-
2437MHz_USB	Pass	PK	732.28M	35.76	46.00	-10.24	0.33	3	Horizontal	360	1.00	-
2437MHz_USB	Pass	PK	854.5M	38.36	46.00	-7.64	2.20	3	Horizontal	360	1.00	-
2437MHz_USB	Pass	PK	37.76M	32.98	40.00	-7.02	-8.27	3	Vertical	0	1.00	-
2437MHz_USB	Pass	PK	132.82M	30.06	43.50	-13.44	-9.23	3	Vertical	0	1.00	-
2437MHz_USB	Pass	PK	268.62M	29.58	46.00	-16.42	-6.92	3	Vertical	0	1.00	-
2437MHz_USB	Pass	PK	309.36M	28.95	46.00	-17.05	-6.19	3	Vertical	0	1.00	-
2437MHz_USB	Pass	PK	532.46M	32.04	46.00	-13.96	-1.61	3	Vertical	0	1.00	-
2437MHz_USB	Pass	PK	732.28M	33.29	46.00	-12.71	0.33	3	Vertical	0	1.00	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_USB

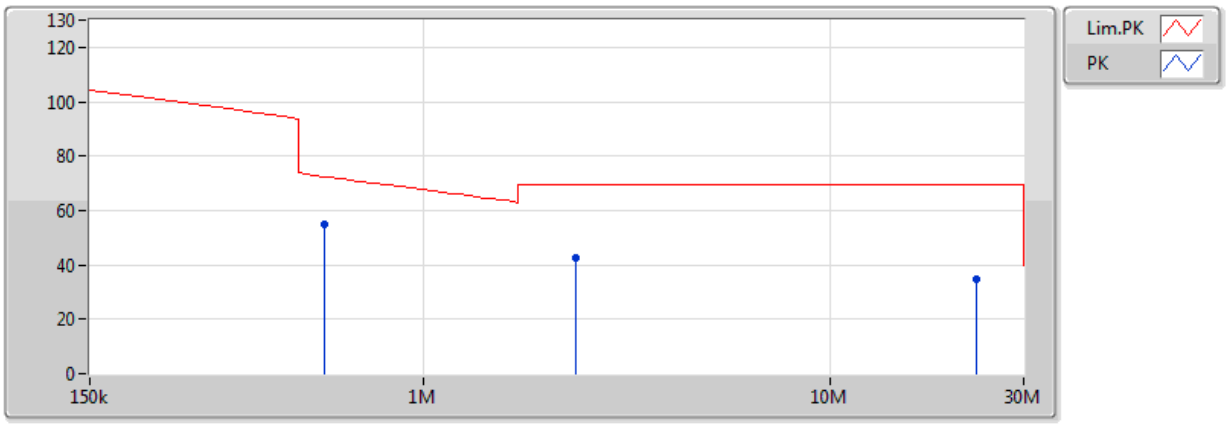


EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	19.998k	55.25	127.71	-72.46	21.98	3	Horizontal	360	1.00	-	33.27	21.90	0.08	-
PK	36.072k	62.43	126.55	-64.12	21.81	3	Horizontal	360	1.00	-	40.62	21.73	0.08	-
PK	43.686k	70.06	126.00	-55.94	21.47	3	Horizontal	360	1.00	-	48.59	21.38	0.08	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_USB

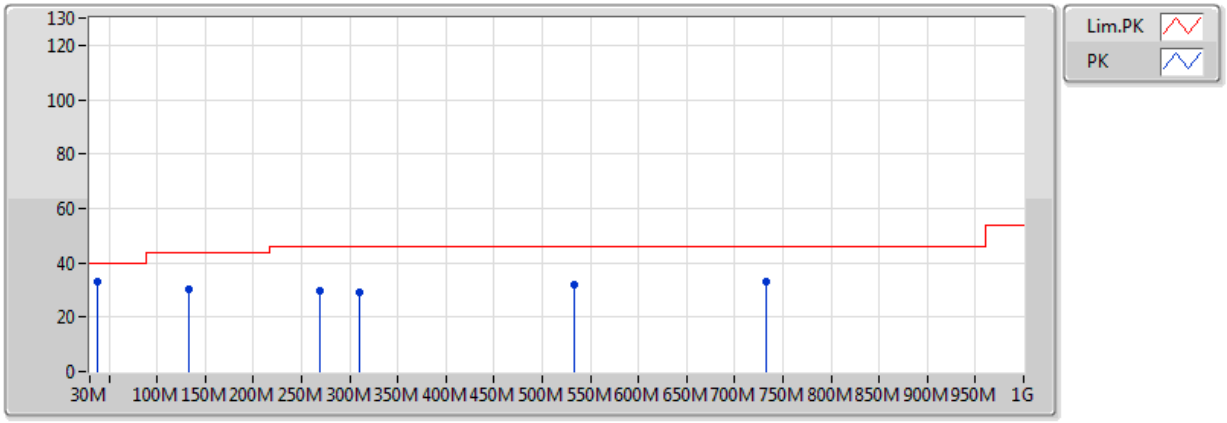


EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	567.9k	54.73	73.11	-18.38	20.36	3	Horizontal	0	1.00	-	34.37	20.27	0.09	-
PK	2.3589M	42.52	69.50	-26.98	20.63	3	Horizontal	0	1.00	-	21.89	20.50	0.13	-
PK	22.8957M	34.55	69.50	-34.95	23.02	3	Horizontal	0	1.00	-	11.53	22.49	0.54	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_USB

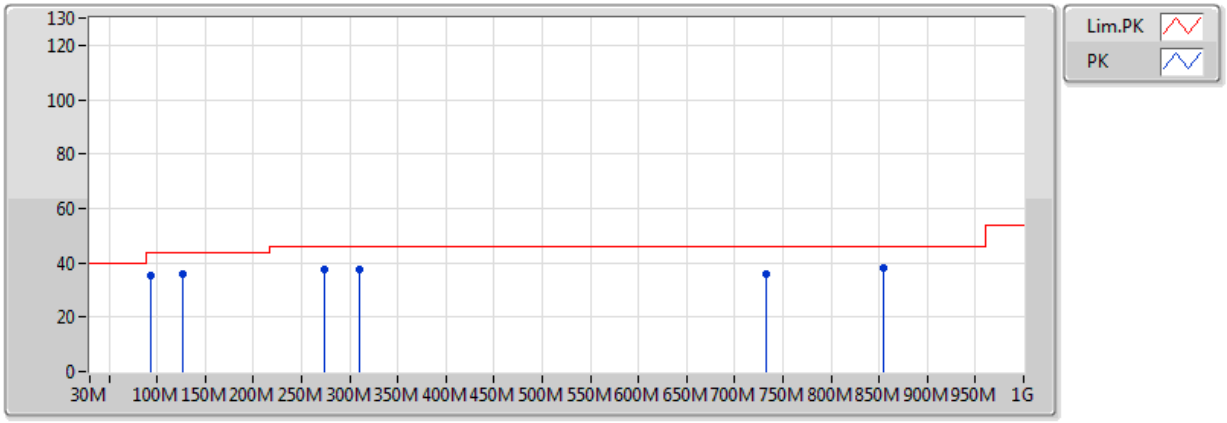


EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	37.76M	32.98	40.00	-7.02	-8.27	3	Vertical	0	1.00	-	41.25	18.63	0.84	27.74
PK	132.82M	30.06	43.50	-13.44	-9.23	3	Vertical	0	1.00	-	39.29	16.72	1.74	27.69
PK	268.62M	29.58	46.00	-16.42	-6.92	3	Vertical	0	1.00	-	36.50	18.03	2.32	27.27
PK	309.36M	28.95	46.00	-17.05	-6.19	3	Vertical	0	1.00	-	35.14	18.55	2.54	27.27
PK	532.46M	32.04	46.00	-13.96	-1.61	3	Vertical	0	1.00	-	33.65	23.37	3.53	28.51
PK	732.28M	33.29	46.00	-12.71	0.33	3	Vertical	0	1.00	-	32.96	24.47	4.14	28.28

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_USB



EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	94.02M	35.39	43.50	-8.11	-11.59	3	Horizontal	360	1.00	-	46.98	14.75	1.44	27.78
PK	127M	35.79	43.50	-7.71	-8.98	3	Horizontal	360	1.00	-	44.77	17.05	1.68	27.71
PK	274.44M	37.63	46.00	-8.37	-6.97	3	Horizontal	360	1.00	-	44.60	17.93	2.36	27.26
PK	309.36M	37.75	46.00	-8.25	-6.19	3	Horizontal	360	1.00	-	43.94	18.55	2.54	27.27
PK	732.28M	35.76	46.00	-10.24	0.33	3	Horizontal	360	1.00	-	35.43	24.47	4.14	28.28
PK	854.5M	38.36	46.00	-7.64	2.20	3	Horizontal	360	1.00	-	36.16	25.27	4.76	27.84

Summary

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)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	AV	7.386G	53.91	54.00	-0.09	8.51	3	Horizontal	38	3.59	-

Result

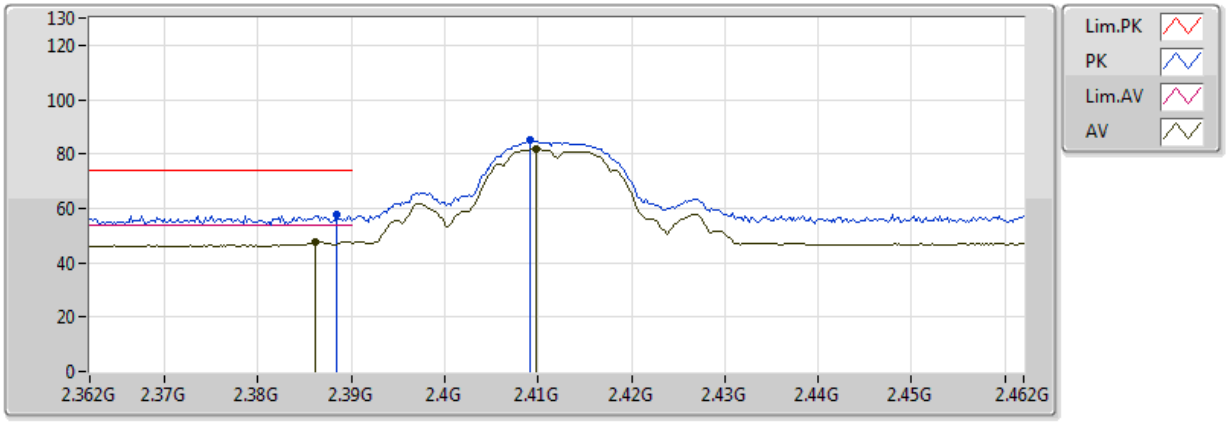
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3862G	46.96	54.00	-7.04	31.16	3	Horizontal	13	2.78	-
2412MHz	Pass	AV	2.4098G	77.89	Inf	-Inf	31.25	3	Horizontal	13	2.78	-
2412MHz	Pass	PK	2.3858G	57.01	74.00	-16.99	31.15	3	Horizontal	13	2.78	-
2412MHz	Pass	PK	2.4094G	81.73	Inf	-Inf	31.25	3	Horizontal	13	2.78	-
2412MHz	Pass	AV	2.3862G	47.89	54.00	-6.11	31.16	3	Vertical	228	1.05	-
2412MHz	Pass	AV	2.4098G	81.59	Inf	-Inf	31.25	3	Vertical	228	1.05	-
2412MHz	Pass	PK	2.3884G	57.49	74.00	-16.51	31.16	3	Vertical	228	1.05	-
2412MHz	Pass	PK	2.4092G	85.34	Inf	-Inf	31.24	3	Vertical	228	1.05	-
2412MHz	Pass	AV	4.824G	51.48	54.00	-2.52	2.48	3	Horizontal	352	2.38	-
2412MHz	Pass	PK	4.824G	53.98	74.00	-20.02	2.48	3	Horizontal	352	2.38	-
2412MHz	Pass	AV	4.824G	46.98	54.00	-7.02	2.48	3	Vertical	41	2.45	-
2412MHz	Pass	PK	4.824G	50.88	74.00	-23.12	2.48	3	Vertical	41	2.45	-
2437MHz	Pass	AV	2.3886G	45.69	54.00	-8.31	31.17	3	Horizontal	4	1.02	-
2437MHz	Pass	AV	2.4342G	75.86	Inf	-Inf	31.34	3	Horizontal	4	1.02	-
2437MHz	Pass	AV	2.4946G	46.47	54.00	-7.53	31.57	3	Horizontal	4	1.02	-
2437MHz	Pass	PK	2.3666G	55.67	74.00	-18.33	31.08	3	Horizontal	4	1.02	-
2437MHz	Pass	PK	2.4342G	78.46	Inf	-Inf	31.34	3	Horizontal	4	1.02	-
2437MHz	Pass	PK	2.489G	55.86	74.00	-18.14	31.55	3	Horizontal	4	1.02	-
2437MHz	Pass	AV	2.375G	45.66	54.00	-8.34	31.11	3	Vertical	227	1.01	-
2437MHz	Pass	AV	2.4346G	78.22	Inf	-Inf	31.34	3	Vertical	227	1.01	-
2437MHz	Pass	AV	2.4874G	46.51	54.00	-7.49	31.54	3	Vertical	227	1.01	-
2437MHz	Pass	PK	2.3706G	56.45	74.00	-17.55	31.10	3	Vertical	227	1.01	-
2437MHz	Pass	PK	2.4342G	80.69	Inf	-Inf	31.34	3	Vertical	227	1.01	-
2437MHz	Pass	PK	2.493G	56.71	74.00	-17.29	31.56	3	Vertical	227	1.01	-
2437MHz	Pass	AV	4.874G	45.55	54.00	-8.45	2.55	3	Horizontal	352	2.37	-
2437MHz	Pass	AV	7.311G	53.90	54.00	-0.10	8.42	3	Horizontal	33	3.69	-
2437MHz	Pass	PK	4.874G	49.75	74.00	-24.25	2.55	3	Horizontal	352	2.37	-
2437MHz	Pass	PK	7.311G	59.42	74.00	-14.58	8.42	3	Horizontal	33	3.69	-
2437MHz	Pass	AV	4.874G	42.65	54.00	-11.35	2.55	3	Vertical	35	2.27	-
2437MHz	Pass	AV	7.311G	51.92	54.00	-2.08	8.42	3	Vertical	227	2.11	-
2437MHz	Pass	PK	4.874G	48.55	74.00	-25.45	2.55	3	Vertical	35	2.27	-
2437MHz	Pass	PK	7.311G	58.92	74.00	-15.08	8.42	3	Vertical	227	2.11	-
2462MHz	Pass	AV	2.4596G	76.97	Inf	-Inf	31.44	3	Horizontal	1	1.17	-
2462MHz	Pass	AV	2.4898G	47.27	54.00	-6.73	31.55	3	Horizontal	1	1.17	-
2462MHz	Pass	PK	2.4594G	80.69	Inf	-Inf	31.44	3	Horizontal	1	1.17	-
2462MHz	Pass	PK	2.4882G	57.85	74.00	-16.15	31.55	3	Horizontal	1	1.17	-
2462MHz	Pass	AV	2.4594G	79.08	Inf	-Inf	31.44	3	Vertical	224	1.01	-
2462MHz	Pass	AV	2.4936G	47.21	54.00	-6.79	31.57	3	Vertical	224	1.01	-
2462MHz	Pass	PK	2.4592G	82.78	Inf	-Inf	31.43	3	Vertical	224	1.01	-
2462MHz	Pass	PK	2.492G	57.64	74.00	-16.36	31.56	3	Vertical	224	1.01	-
2462MHz	Pass	AV	4.924G	45.63	54.00	-8.37	2.63	3	Horizontal	4	2.18	-
2462MHz	Pass	AV	7.386G	53.91	54.00	-0.09	8.51	3	Horizontal	38	3.59	-
2462MHz	Pass	PK	4.924G	50.63	74.00	-23.37	2.63	3	Horizontal	4	2.18	-
2462MHz	Pass	PK	7.386G	58.51	74.00	-15.49	8.51	3	Horizontal	38	3.59	-
2462MHz	Pass	AV	4.924G	42.63	54.00	-11.37	2.63	3	Vertical	14	2.53	-
2462MHz	Pass	AV	7.386G	51.82	54.00	-2.18	8.51	3	Vertical	224	2.24	-
2462MHz	Pass	PK	4.924G	48.63	74.00	-25.37	2.63	3	Vertical	14	2.53	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	PK	7.386G	57.54	74.00	-16.46	8.51	3	Vertical	224	2.24	-
802.11g_(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	48.22	54.00	-5.78	31.17	3	Horizontal	13	3.12	-
2412MHz	Pass	AV	2.4056G	75.39	Inf	-Inf	31.23	3	Horizontal	13	3.12	-
2412MHz	Pass	PK	2.39G	59.10	74.00	-14.90	31.17	3	Horizontal	13	3.12	-
2412MHz	Pass	PK	2.4072G	84.17	Inf	-Inf	31.24	3	Horizontal	13	3.12	-
2412MHz	Pass	AV	2.39G	50.28	54.00	-3.72	31.17	3	Vertical	225	1.07	-
2412MHz	Pass	AV	2.4058G	78.59	Inf	-Inf	31.23	3	Vertical	225	1.07	-
2412MHz	Pass	PK	2.389G	62.27	74.00	-11.73	31.17	3	Vertical	225	1.07	-
2412MHz	Pass	PK	2.4062G	86.30	Inf	-Inf	31.23	3	Vertical	225	1.07	-
2412MHz	Pass	AV	4.824G	38.98	54.00	-15.02	2.48	3	Horizontal	330	2.39	-
2412MHz	Pass	PK	4.824G	50.48	74.00	-23.52	2.48	3	Horizontal	330	2.39	-
2412MHz	Pass	AV	4.824G	35.48	54.00	-18.52	2.48	3	Vertical	36	2.32	-
2412MHz	Pass	PK	4.824G	46.58	74.00	-27.42	2.48	3	Vertical	36	2.32	-
2437MHz	Pass	AV	2.3838G	46.42	54.00	-7.58	31.15	3	Horizontal	10	3.42	-
2437MHz	Pass	AV	2.431G	75.48	Inf	-Inf	31.33	3	Horizontal	10	3.42	-
2437MHz	Pass	AV	2.4966G	47.27	54.00	-6.73	31.58	3	Horizontal	10	3.42	-
2437MHz	Pass	PK	2.3482G	57.66	74.00	-16.34	31.01	3	Horizontal	10	3.42	-
2437MHz	Pass	PK	2.437G	84.39	Inf	-Inf	31.35	3	Horizontal	10	3.42	-
2437MHz	Pass	PK	2.4994G	57.75	74.00	-16.25	31.59	3	Horizontal	10	3.42	-
2437MHz	Pass	AV	2.3802G	46.37	54.00	-7.63	31.13	3	Vertical	225	1.01	-
2437MHz	Pass	AV	2.4322G	77.48	Inf	-Inf	31.33	3	Vertical	225	1.01	-
2437MHz	Pass	AV	2.4934G	47.21	54.00	-6.79	31.56	3	Vertical	225	1.01	-
2437MHz	Pass	PK	2.3466G	56.78	74.00	-17.22	31.00	3	Vertical	225	1.01	-
2437MHz	Pass	PK	2.4314G	85.41	Inf	-Inf	31.33	3	Vertical	225	1.01	-
2437MHz	Pass	PK	2.4922G	57.21	74.00	-16.79	31.56	3	Vertical	225	1.01	-
2437MHz	Pass	AV	7.311G	51.52	54.00	-2.48	8.42	3	Horizontal	15	3.69	-
2437MHz	Pass	PK	7.311G	64.52	74.00	-9.48	8.42	3	Horizontal	15	3.69	-
2437MHz	Pass	AV	7.311G	50.92	54.00	-3.08	8.42	3	Vertical	221	2.13	-
2437MHz	Pass	PK	7.311G	63.72	74.00	-10.28	8.42	3	Vertical	221	2.13	-
2462MHz	Pass	AV	2.4558G	74.87	Inf	-Inf	31.42	3	Horizontal	1	2.12	-
2462MHz	Pass	AV	2.484G	47.31	54.00	-6.69	31.53	3	Horizontal	1	2.12	-
2462MHz	Pass	PK	2.4568G	82.99	Inf	-Inf	31.43	3	Horizontal	1	2.12	-
2462MHz	Pass	PK	2.497G	57.55	74.00	-16.45	31.58	3	Horizontal	1	2.12	-
2462MHz	Pass	AV	2.4562G	77.31	Inf	-Inf	31.42	3	Vertical	223	1.01	-
2462MHz	Pass	AV	2.483502G	47.39	54.00	-6.61	31.53	3	Vertical	223	1.01	-
2462MHz	Pass	PK	2.4602G	84.97	Inf	-Inf	31.44	3	Vertical	223	1.01	-
2462MHz	Pass	PK	2.4958G	57.62	74.00	-16.38	31.57	3	Vertical	223	1.01	-
2462MHz	Pass	AV	7.386G	49.61	54.00	-4.39	8.51	3	Horizontal	37	3.61	-
2462MHz	Pass	PK	7.386G	62.01	74.00	-11.99	8.51	3	Horizontal	37	3.61	-
2462MHz	Pass	AV	7.386G	48.51	54.00	-5.49	8.51	3	Vertical	215	3.67	-
2462MHz	Pass	PK	7.386G	62.51	74.00	-11.49	8.51	3	Vertical	215	3.67	-
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	48.94	54.00	-5.06	31.17	3	Horizontal	10	3.12	-
2412MHz	Pass	AV	2.4058G	75.17	Inf	-Inf	31.23	3	Horizontal	10	3.12	-
2412MHz	Pass	PK	2.39G	61.10	74.00	-12.90	31.17	3	Horizontal	10	3.12	-
2412MHz	Pass	PK	2.4066G	83.45	Inf	-Inf	31.24	3	Horizontal	10	3.12	-
2412MHz	Pass	AV	2.39G	51.25	54.00	-2.75	31.17	3	Vertical	250	1.50	-
2412MHz	Pass	AV	2.4074G	78.49	Inf	-Inf	31.24	3	Vertical	250	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	PK	2.3898G	64.46	74.00	-9.54	31.17	3	Vertical	250	1.50	-
2412MHz	Pass	PK	2.405G	87.20	Inf	-Inf	31.23	3	Vertical	250	1.50	-
2412MHz	Pass	AV	4.824G	38.48	54.00	-15.52	2.48	3	Horizontal	350	2.27	-
2412MHz	Pass	PK	4.824G	50.48	74.00	-23.52	2.48	3	Horizontal	350	2.27	-
2412MHz	Pass	AV	4.824G	35.18	54.00	-18.82	2.48	3	Vertical	34	2.31	-
2412MHz	Pass	PK	4.824G	46.48	74.00	-27.52	2.48	3	Vertical	34	2.31	-
2437MHz	Pass	AV	2.3894G	46.52	54.00	-7.48	31.17	3	Horizontal	358	1.02	-
2437MHz	Pass	AV	2.431G	75.44	Inf	-Inf	31.33	3	Horizontal	358	1.02	-
2437MHz	Pass	AV	2.4986G	47.24	54.00	-6.76	31.58	3	Horizontal	358	1.02	-
2437MHz	Pass	PK	2.3538G	57.22	74.00	-16.78	31.03	3	Horizontal	358	1.02	-
2437MHz	Pass	PK	2.4302G	84.52	Inf	-Inf	31.32	3	Horizontal	358	1.02	-
2437MHz	Pass	PK	2.4958G	57.34	74.00	-16.66	31.57	3	Horizontal	358	1.02	-
2437MHz	Pass	AV	2.389998G	46.45	54.00	-7.55	31.17	3	Vertical	230	1.01	-
2437MHz	Pass	AV	2.4322G	78.32	Inf	-Inf	31.33	3	Vertical	230	1.01	-
2437MHz	Pass	AV	2.4922G	47.27	54.00	-6.73	31.56	3	Vertical	230	1.01	-
2437MHz	Pass	PK	2.383G	56.44	74.00	-17.56	31.14	3	Vertical	230	1.01	-
2437MHz	Pass	PK	2.4306G	85.74	Inf	-Inf	31.33	3	Vertical	230	1.01	-
2437MHz	Pass	PK	2.4898G	57.11	74.00	-16.89	31.55	3	Vertical	230	1.01	-
2437MHz	Pass	AV	7.311G	52.72	54.00	-1.28	8.42	3	Horizontal	25	3.69	-
2437MHz	Pass	PK	7.311G	65.72	74.00	-8.28	8.42	3	Horizontal	25	3.69	-
2437MHz	Pass	AV	7.311G	52.65	54.00	-1.35	8.42	3	Vertical	219	2.30	-
2437MHz	Pass	PK	7.311G	65.42	74.00	-8.58	8.42	3	Vertical	219	2.30	-
2462MHz	Pass	AV	2.4556G	75.12	Inf	-Inf	31.42	3	Horizontal	14	3.00	-
2462MHz	Pass	AV	2.484G	47.42	54.00	-6.58	31.53	3	Horizontal	14	3.00	-
2462MHz	Pass	PK	2.4552G	83.09	Inf	-Inf	31.42	3	Horizontal	14	3.00	-
2462MHz	Pass	PK	2.4926G	58.23	74.00	-15.77	31.56	3	Horizontal	14	3.00	-
2462MHz	Pass	AV	2.4572G	77.84	Inf	-Inf	31.43	3	Vertical	227	1.01	-
2462MHz	Pass	AV	2.483502G	48.08	54.00	-5.92	31.53	3	Vertical	227	1.01	-
2462MHz	Pass	PK	2.4558G	85.68	Inf	-Inf	31.42	3	Vertical	227	1.01	-
2462MHz	Pass	PK	2.4848G	58.74	74.00	-15.26	31.53	3	Vertical	227	1.01	-
2462MHz	Pass	AV	7.386G	51.11	54.00	-2.89	8.51	3	Horizontal	43	3.59	-
2462MHz	Pass	PK	7.386G	64.71	74.00	-9.29	8.51	3	Horizontal	43	3.59	-
2462MHz	Pass	AV	7.386G	50.71	54.00	-3.29	8.51	3	Vertical	227	2.07	-
2462MHz	Pass	PK	7.386G	63.71	74.00	-10.29	8.51	3	Vertical	227	2.07	-

802.11b_(1Mbps)_1TX

2412MHz_TX

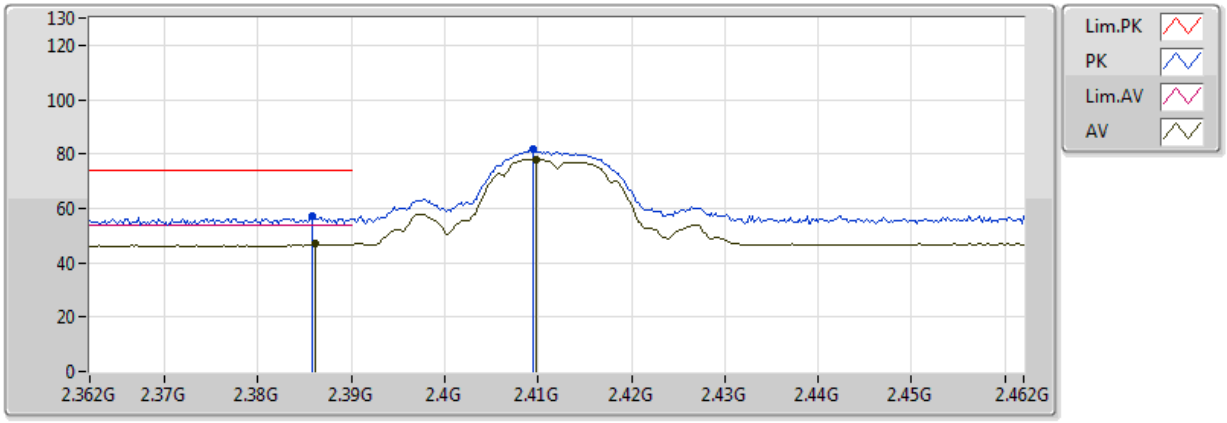


EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3862G	47.89	54.00	-6.11	31.16	3	Vertical	228	1.05	-	16.73	26.98	4.17	-
AV	2.4098G	81.59	Inf	-Inf	31.25	3	Vertical	228	1.05	-	50.35	27.05	4.20	-
PK	2.3884G	57.49	74.00	-16.51	31.16	3	Vertical	228	1.05	-	26.32	26.99	4.18	-
PK	2.4092G	85.34	Inf	-Inf	31.24	3	Vertical	228	1.05	-	54.09	27.05	4.20	-

802.11b_(1Mbps)_1TX

2412MHz_TX

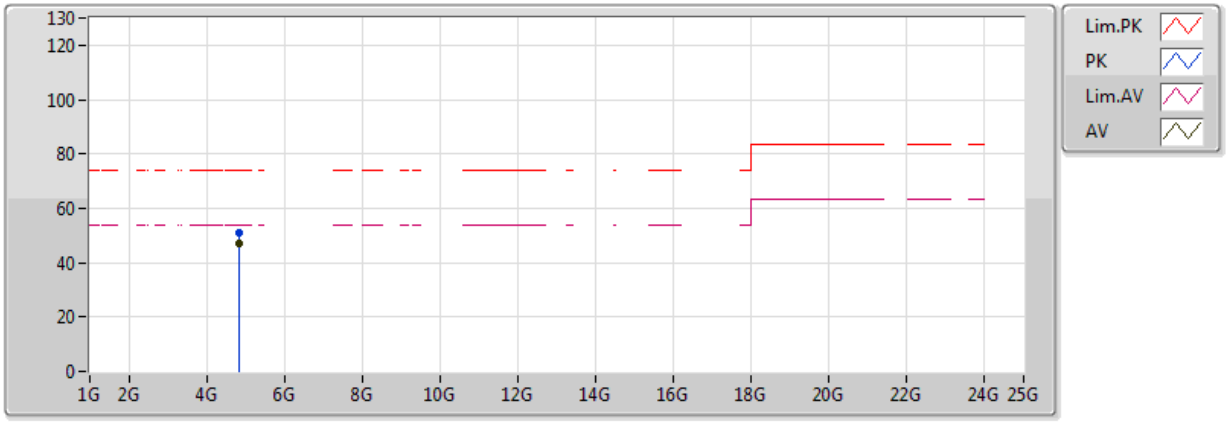


EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3862G	46.96	54.00	-7.04	31.16	3	Horizontal	13	2.78	-	15.81	26.98	4.17	-
AV	2.4098G	77.89	Inf	-Inf	31.25	3	Horizontal	13	2.78	-	46.64	27.05	4.20	-
PK	2.3858G	57.01	74.00	-16.99	31.15	3	Horizontal	13	2.78	-	25.86	26.98	4.17	-
PK	2.4094G	81.73	Inf	-Inf	31.25	3	Horizontal	13	2.78	-	50.48	27.05	4.20	-

802.11b_(1Mbps)_1TX

2412MHz_TX

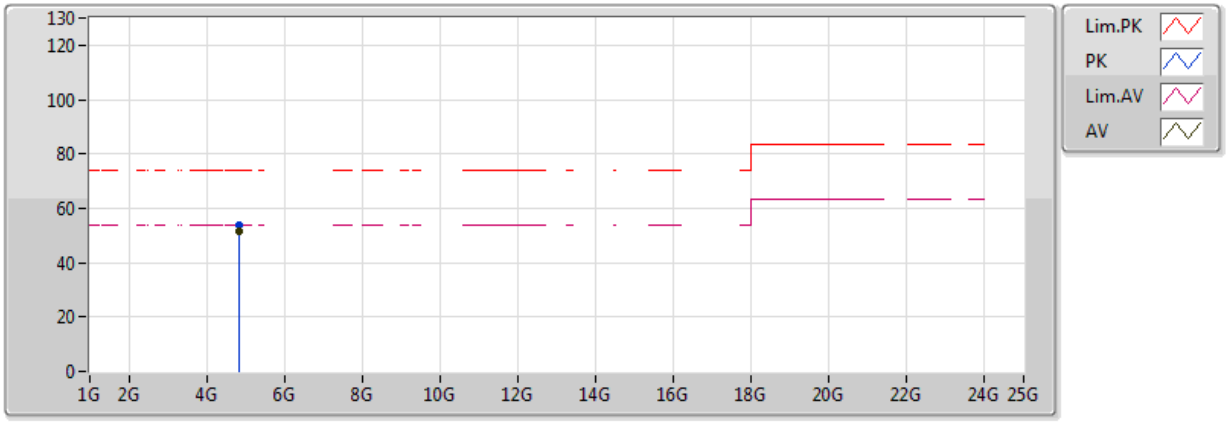


EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.824G	46.98	54.00	-7.02	2.48	3	Vertical	41	2.45	-	44.50	31.22	6.44	35.18
PK	4.824G	50.88	74.00	-23.12	2.48	3	Vertical	41	2.45	-	48.40	31.22	6.44	35.18

802.11b_(1Mbps)_1TX

2412MHz_TX

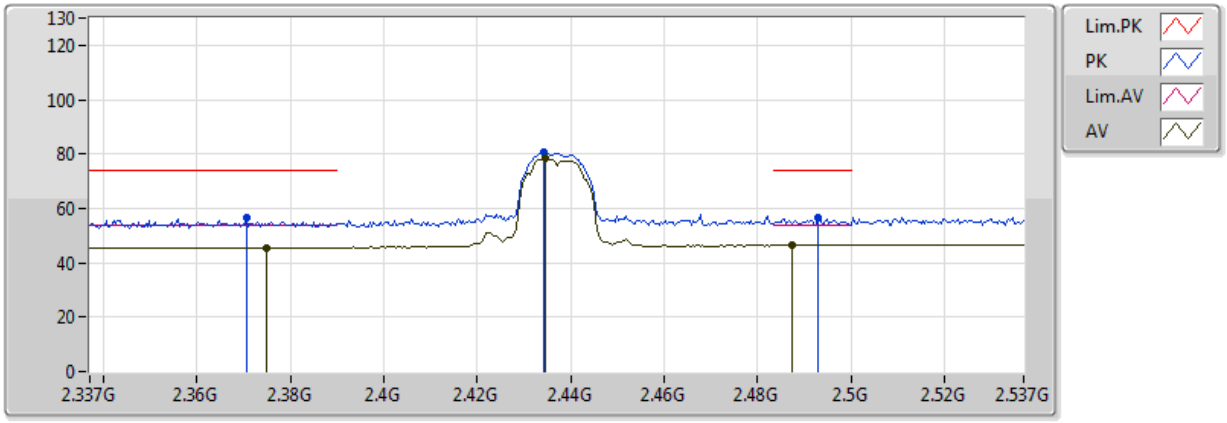


EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.824G	51.48	54.00	-2.52	2.48	3	Horizontal	352	2.38	-	49.00	31.22	6.44	35.18
PK	4.824G	53.98	74.00	-20.02	2.48	3	Horizontal	352	2.38	-	51.50	31.22	6.44	35.18

802.11b_(1Mbps)_1TX

2437MHz_TX

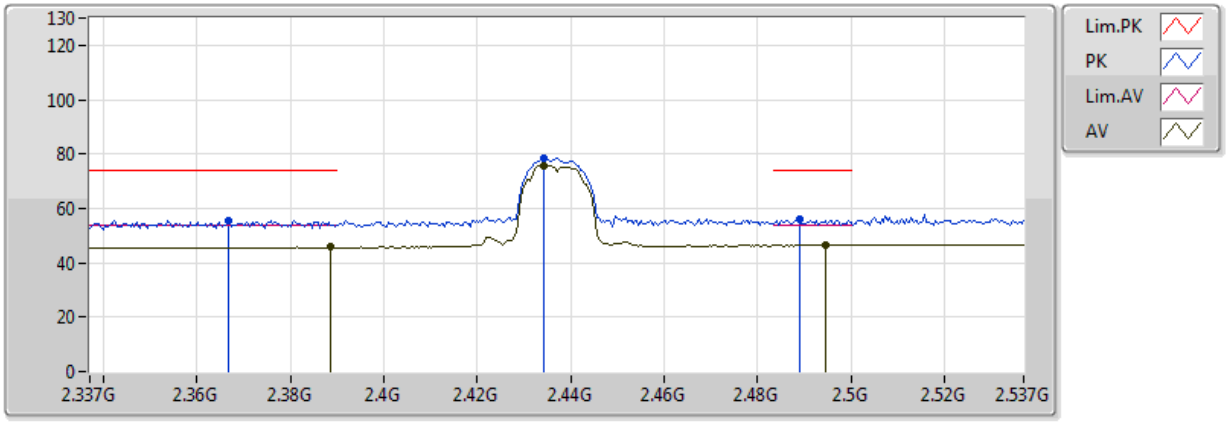


EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.375G	45.66	54.00	-8.34	31.11	3	Vertical	227	1.01	-	14.55	26.95	4.16	-
AV	2.4346G	78.22	Inf	-Inf	31.34	3	Vertical	227	1.01	-	46.88	27.12	4.22	-
AV	2.4874G	46.51	54.00	-7.49	31.54	3	Vertical	227	1.01	-	14.97	27.26	4.28	-
PK	2.3706G	56.45	74.00	-17.55	31.10	3	Vertical	227	1.01	-	25.36	26.94	4.16	-
PK	2.4342G	80.69	Inf	-Inf	31.34	3	Vertical	227	1.01	-	49.35	27.12	4.22	-
PK	2.493G	56.71	74.00	-17.29	31.56	3	Vertical	227	1.01	-	25.15	27.28	4.28	-

802.11b_(1Mbps)_1TX

2437MHz_TX

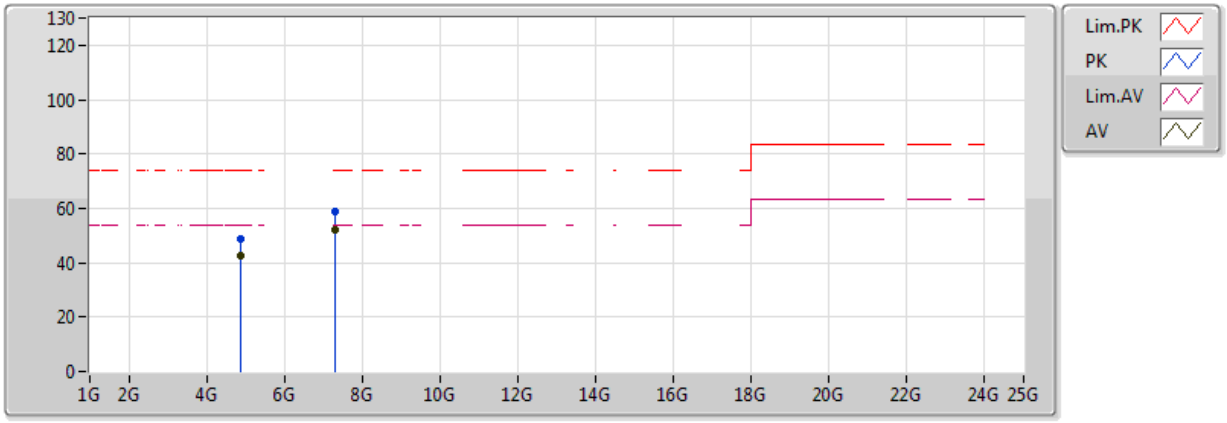


EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3886G	45.69	54.00	-8.31	31.17	3	Horizontal	4	1.02	-	14.53	26.99	4.18	-
AV	2.4342G	75.86	Inf	-Inf	31.34	3	Horizontal	4	1.02	-	44.52	27.12	4.22	-
AV	2.4946G	46.47	54.00	-7.53	31.57	3	Horizontal	4	1.02	-	14.90	27.28	4.28	-
PK	2.3666G	55.67	74.00	-18.33	31.08	3	Horizontal	4	1.02	-	24.59	26.93	4.15	-
PK	2.4342G	78.46	Inf	-Inf	31.34	3	Horizontal	4	1.02	-	47.12	27.12	4.22	-
PK	2.489G	55.86	74.00	-18.14	31.55	3	Horizontal	4	1.02	-	24.32	27.27	4.28	-

802.11b_(1Mbps)_1TX

2437MHz_TX

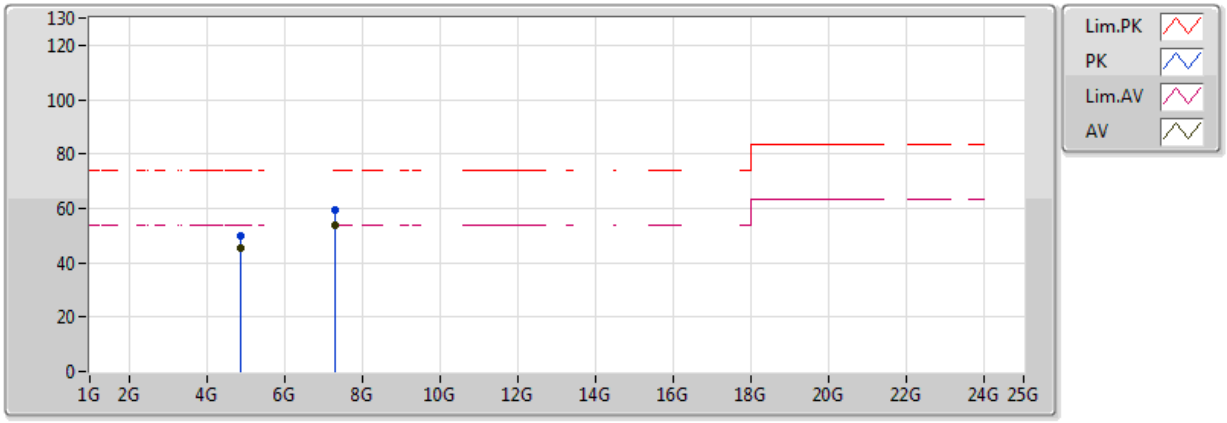


EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.874G	42.65	54.00	-11.35	2.55	3	Vertical	35	2.27	-	40.10	31.30	6.45	35.19
AV	7.311G	51.92	54.00	-2.08	8.42	3	Vertical	227	2.11	-	43.50	36.01	7.69	35.27
PK	4.874G	48.55	74.00	-25.45	2.55	3	Vertical	35	2.27	-	46.00	31.30	6.45	35.19
PK	7.311G	58.92	74.00	-15.08	8.42	3	Vertical	227	2.11	-	50.50	36.01	7.69	35.27

802.11b_(1Mbps)_1TX

2437MHz_TX

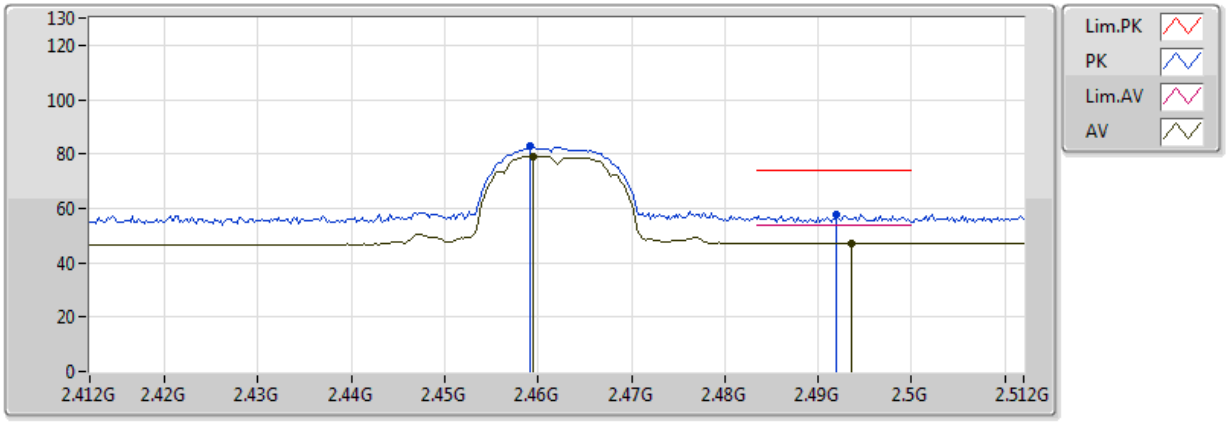


EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.874G	45.55	54.00	-8.45	2.55	3	Horizontal	352	2.37	-	43.00	31.30	6.45	35.19
AV	7.311G	53.90	54.00	-0.10	8.42	3	Horizontal	33	3.69	-	45.48	36.01	7.69	35.27
PK	4.874G	49.75	74.00	-24.25	2.55	3	Horizontal	352	2.37	-	47.20	31.30	6.45	35.19
PK	7.311G	59.42	74.00	-14.58	8.42	3	Horizontal	33	3.69	-	51.00	36.01	7.69	35.27

802.11b_(1Mbps)_1TX

2462MHz_TX

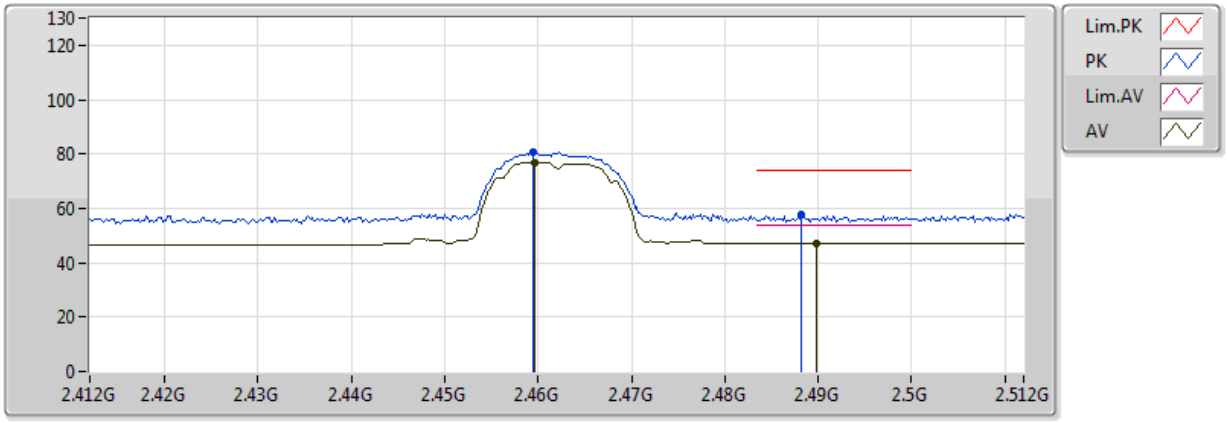


EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4594G	79.08	Inf	-Inf	31.44	3	Vertical	224	1.01	-	47.65	27.19	4.25	-
AV	2.4936G	47.21	54.00	-6.79	31.57	3	Vertical	224	1.01	-	15.64	27.28	4.28	-
PK	2.4592G	82.78	Inf	-Inf	31.43	3	Vertical	224	1.01	-	51.34	27.19	4.25	-
PK	2.492G	57.64	74.00	-16.36	31.56	3	Vertical	224	1.01	-	26.08	27.28	4.28	-

802.11b_(1Mbps)_1TX

2462MHz_TX

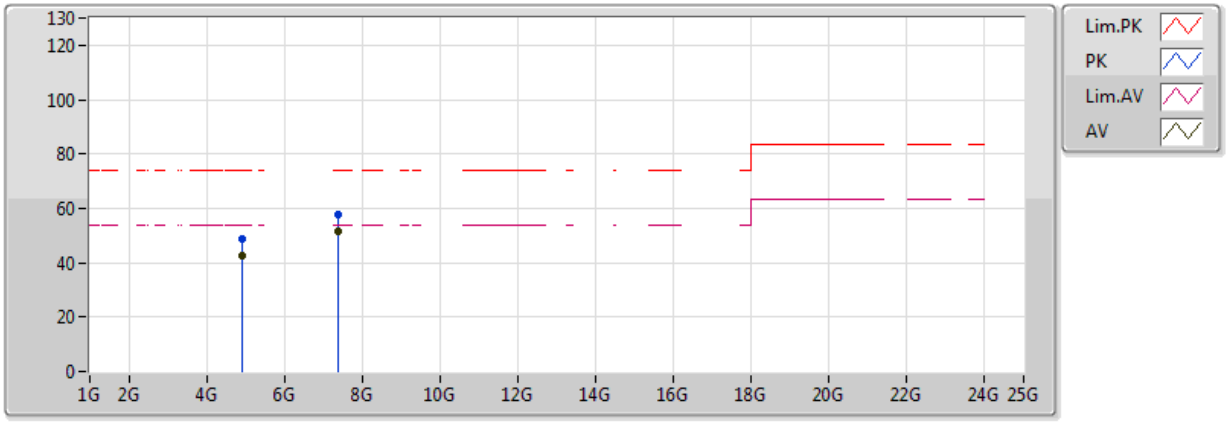


EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4596G	76.97	Inf	-Inf	31.44	3	Horizontal	1	1.17	-	45.54	27.19	4.25	-
AV	2.4898G	47.27	54.00	-6.73	31.55	3	Horizontal	1	1.17	-	15.71	27.27	4.28	-
PK	2.4594G	80.69	Inf	-Inf	31.44	3	Horizontal	1	1.17	-	49.26	27.19	4.25	-
PK	2.4882G	57.85	74.00	-16.15	31.55	3	Horizontal	1	1.17	-	26.31	27.27	4.28	-

802.11b_(1Mbps)_1TX

2462MHz_TX

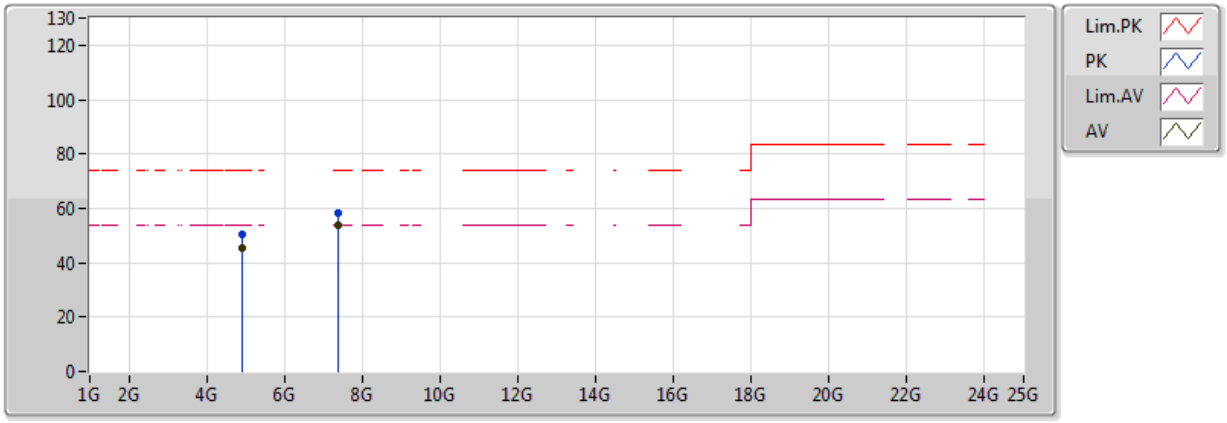


EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.924G	42.63	54.00	-11.37	2.63	3	Vertical	14	2.53	-	40.00	31.38	6.45	35.20
AV	7.386G	51.82	54.00	-2.18	8.51	3	Vertical	224	2.24	-	43.31	36.20	7.61	35.30
PK	4.924G	48.63	74.00	-25.37	2.63	3	Vertical	14	2.53	-	46.00	31.38	6.45	35.20
PK	7.386G	57.54	74.00	-16.46	8.51	3	Vertical	224	2.24	-	49.03	36.20	7.61	35.30

802.11b_(1Mbps)_1TX

2462MHz_TX

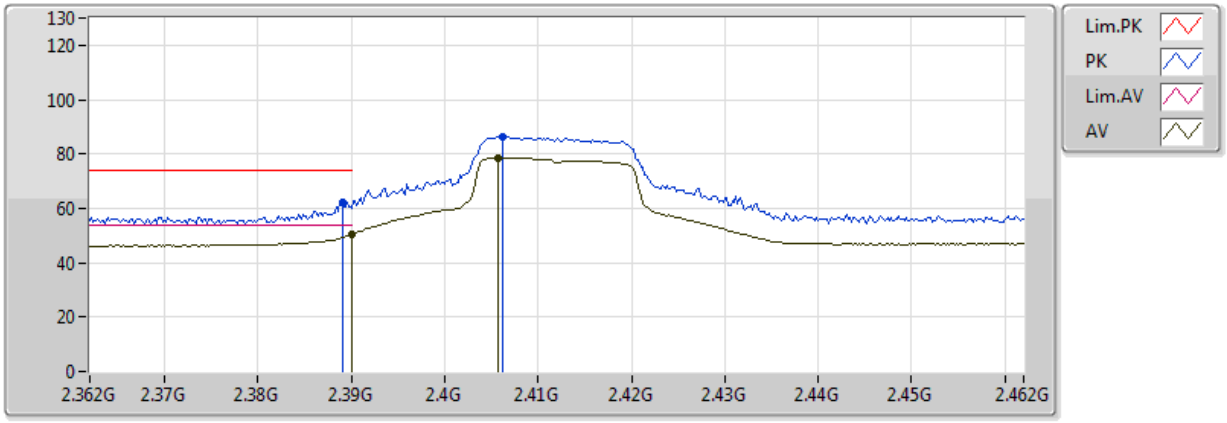


EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.924G	45.63	54.00	-8.37	2.63	3	Horizontal	4	2.18	-	43.00	31.38	6.45	35.20
AV	7.386G	53.91	54.00	-0.09	8.51	3	Horizontal	38	3.59	-	45.40	36.20	7.61	35.30
PK	4.924G	50.63	74.00	-23.37	2.63	3	Horizontal	4	2.18	-	48.00	31.38	6.45	35.20
PK	7.386G	58.51	74.00	-15.49	8.51	3	Horizontal	38	3.59	-	50.00	36.20	7.61	35.30

802.11g_(6Mbps)_1TX

2412MHz_TX

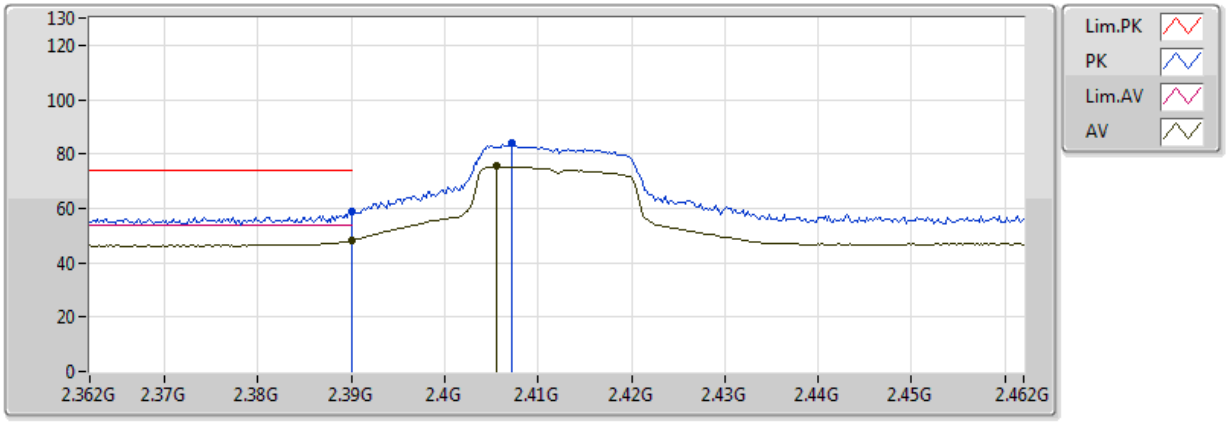


EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	50.28	54.00	-3.72	31.17	3	Vertical	225	1.07	-	19.11	26.99	4.18	-
AV	2.4058G	78.59	Inf	-Inf	31.23	3	Vertical	225	1.07	-	47.36	27.04	4.20	-
PK	2.389G	62.27	74.00	-11.73	31.17	3	Vertical	225	1.07	-	31.10	26.99	4.18	-
PK	2.4062G	86.30	Inf	-Inf	31.23	3	Vertical	225	1.07	-	55.06	27.04	4.20	-

802.11g_(6Mbps)_1TX

2412MHz_TX

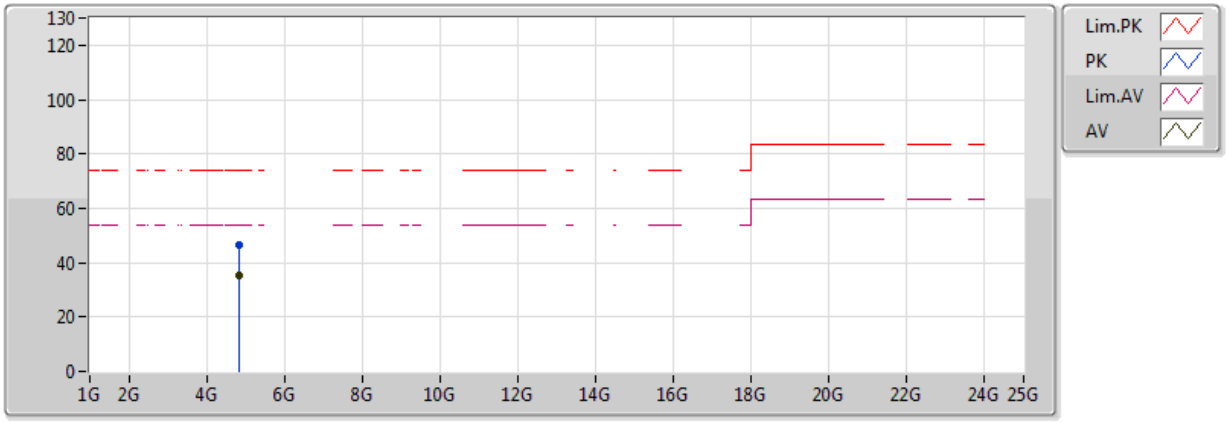


EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	48.22	54.00	-5.78	31.17	3	Horizontal	13	3.12	-	17.05	26.99	4.18	-
AV	2.4056G	75.39	Inf	-Inf	31.23	3	Horizontal	13	3.12	-	44.16	27.04	4.20	-
PK	2.39G	59.10	74.00	-14.90	31.17	3	Horizontal	13	3.12	-	27.93	26.99	4.18	-
PK	2.4072G	84.17	Inf	-Inf	31.24	3	Horizontal	13	3.12	-	52.94	27.04	4.20	-

802.11g_(6Mbps)_1TX

2412MHz_TX

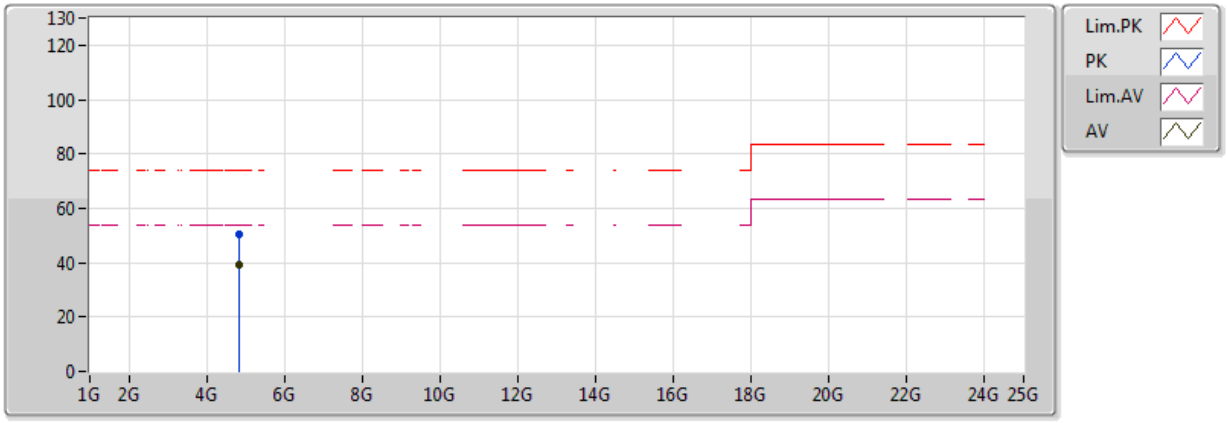


EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.824G	35.48	54.00	-18.52	2.48	3	Vertical	36	2.32	-	33.00	31.22	6.44	35.18
PK	4.824G	46.58	74.00	-27.42	2.48	3	Vertical	36	2.32	-	44.10	31.22	6.44	35.18

802.11g_(6Mbps)_1TX

2412MHz_TX

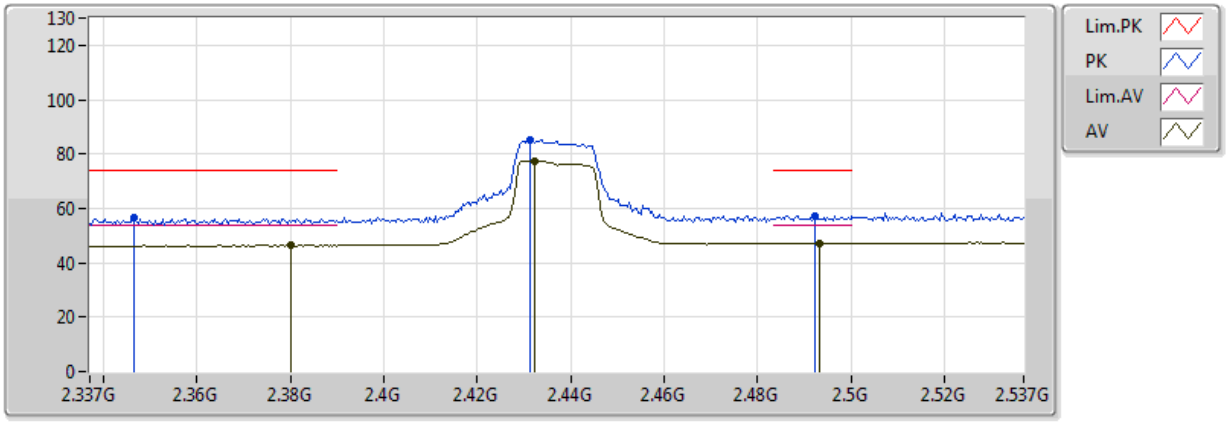


EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.824G	38.98	54.00	-15.02	2.48	3	Horizontal	330	2.39	-	36.50	31.22	6.44	35.18
PK	4.824G	50.48	74.00	-23.52	2.48	3	Horizontal	330	2.39	-	48.00	31.22	6.44	35.18

802.11g_(6Mbps)_1TX

2437MHz_TX

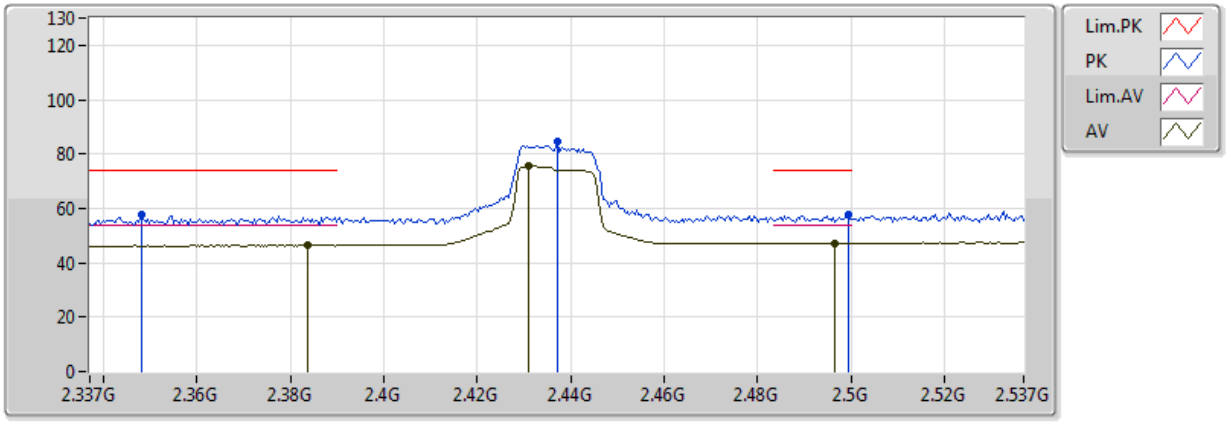


EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3802G	46.37	54.00	-7.63	31.13	3	Vertical	225	1.01	-	15.23	26.96	4.17	-
AV	2.4322G	77.48	Inf	-Inf	31.33	3	Vertical	225	1.01	-	46.14	27.11	4.22	-
AV	2.4934G	47.21	54.00	-6.79	31.56	3	Vertical	225	1.01	-	15.65	27.28	4.28	-
PK	2.3466G	56.78	74.00	-17.22	31.00	3	Vertical	225	1.01	-	25.77	26.87	4.13	-
PK	2.4314G	85.41	Inf	-Inf	31.33	3	Vertical	225	1.01	-	54.08	27.11	4.22	-
PK	2.4922G	57.21	74.00	-16.79	31.56	3	Vertical	225	1.01	-	25.65	27.28	4.28	-

802.11g_(6Mbps)_1TX

2437MHz_TX

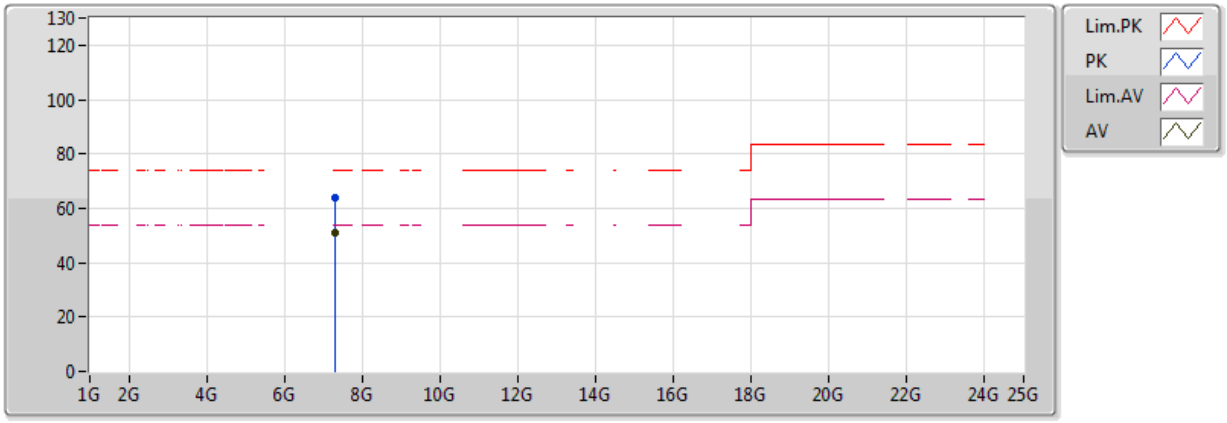


EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3838G	46.42	54.00	-7.58	31.15	3	Horizontal	10	3.42	-	15.27	26.97	4.17	-
AV	2.431G	75.48	Inf	-Inf	31.33	3	Horizontal	10	3.42	-	44.16	27.11	4.22	-
AV	2.4966G	47.27	54.00	-6.73	31.58	3	Horizontal	10	3.42	-	15.69	27.29	4.29	-
PK	2.3482G	57.66	74.00	-16.34	31.01	3	Horizontal	10	3.42	-	26.66	26.87	4.13	-
PK	2.437G	84.39	Inf	-Inf	31.35	3	Horizontal	10	3.42	-	53.04	27.12	4.23	-
PK	2.4994G	57.75	74.00	-16.25	31.59	3	Horizontal	10	3.42	-	26.16	27.30	4.29	-

802.11g_(6Mbps)_1TX

2437MHz_TX

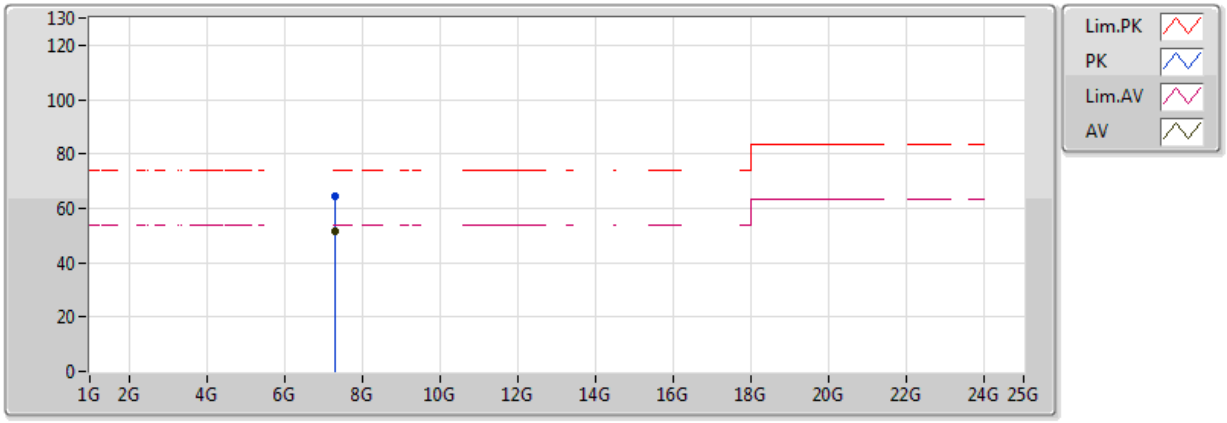


EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	7.311G	50.92	54.00	-3.08	8.42	3	Vertical	221	2.13	-	42.50	36.01	7.69	35.27
PK	7.311G	63.72	74.00	-10.28	8.42	3	Vertical	221	2.13	-	55.30	36.01	7.69	35.27

802.11g_(6Mbps)_1TX

2437MHz_TX

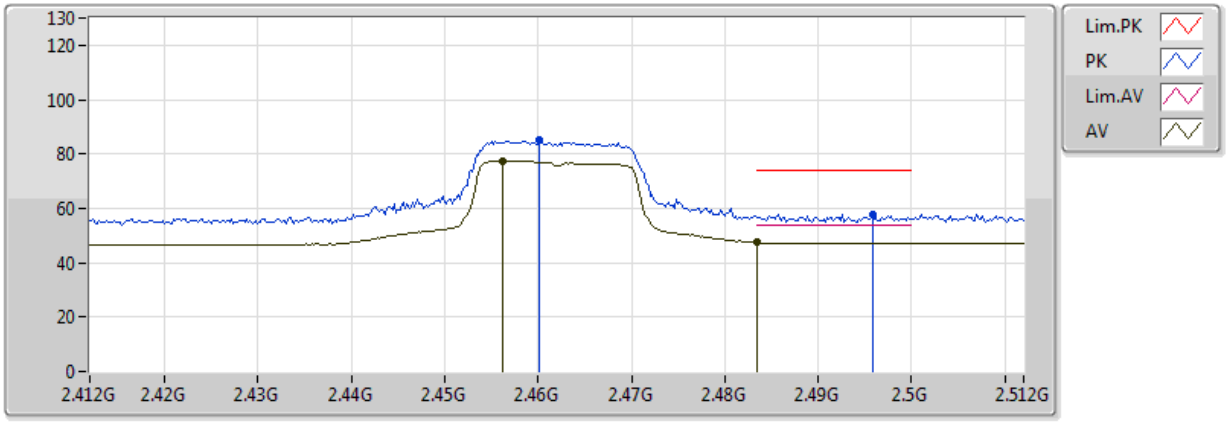


EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	7.311G	51.52	54.00	-2.48	8.42	3	Horizontal	15	3.69	-	43.10	36.01	7.69	35.27
PK	7.311G	64.52	74.00	-9.48	8.42	3	Horizontal	15	3.69	-	56.10	36.01	7.69	35.27

802.11g_(6Mbps)_1TX

2462MHz_TX

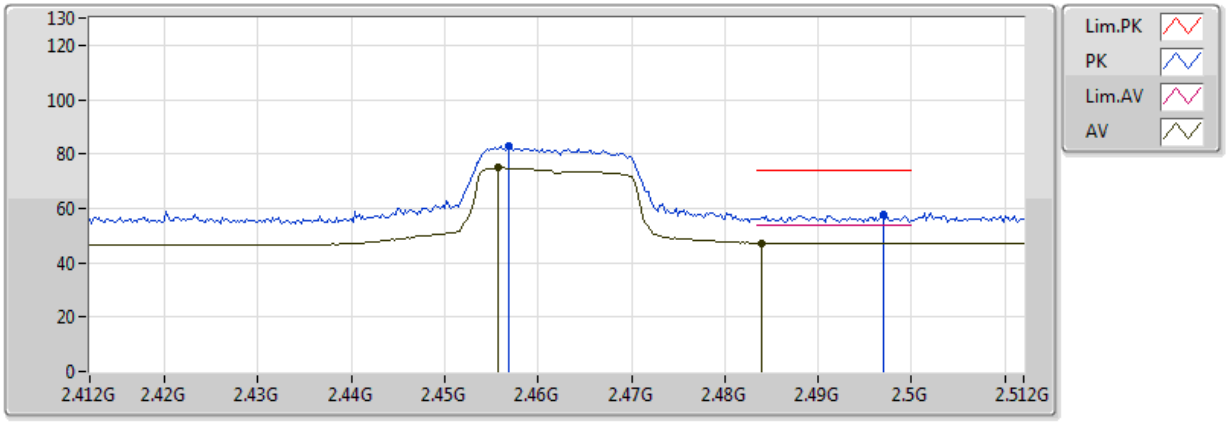


EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4562G	77.31	Inf	-Inf	31.42	3	Vertical	223	1.01	-	45.89	27.18	4.25	-
AV	2.483502G	47.39	54.00	-6.61	31.53	3	Vertical	223	1.01	-	15.86	27.25	4.27	-
PK	2.4602G	84.97	Inf	-Inf	31.44	3	Vertical	223	1.01	-	53.53	27.19	4.25	-
PK	2.4958G	57.62	74.00	-16.38	31.57	3	Vertical	223	1.01	-	26.05	27.29	4.29	-

802.11g_(6Mbps)_1TX

2462MHz_TX

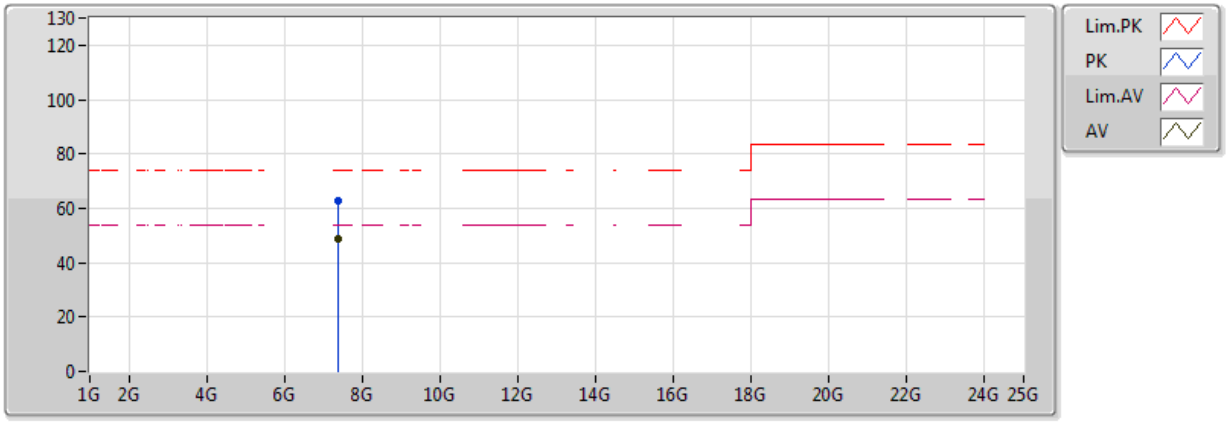


EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4558G	74.87	Inf	-Inf	31.42	3	Horizontal	1	2.12	-	43.45	27.18	4.25	-
AV	2.484G	47.31	54.00	-6.69	31.53	3	Horizontal	1	2.12	-	15.79	27.26	4.27	-
PK	2.4568G	82.99	Inf	-Inf	31.43	3	Horizontal	1	2.12	-	51.57	27.18	4.25	-
PK	2.497G	57.55	74.00	-16.45	31.58	3	Horizontal	1	2.12	-	25.97	27.29	4.29	-

802.11g_(6Mbps)_1TX

2462MHz_TX

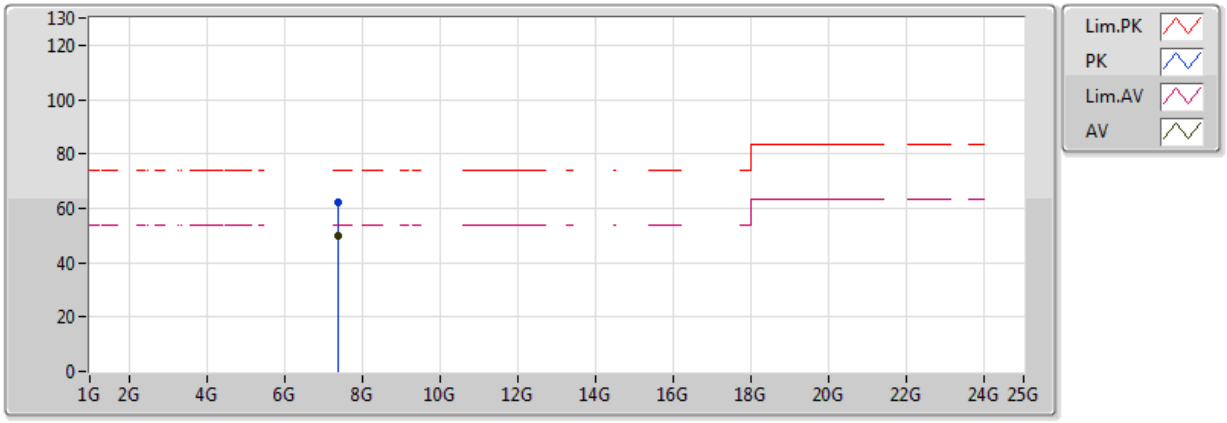


EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	7.386G	48.51	54.00	-5.49	8.51	3	Vertical	215	3.67	-	40.00	36.20	7.61	35.30
PK	7.386G	62.51	74.00	-11.49	8.51	3	Vertical	215	3.67	-	54.00	36.20	7.61	35.30

802.11g_(6Mbps)_1TX

2462MHz_TX

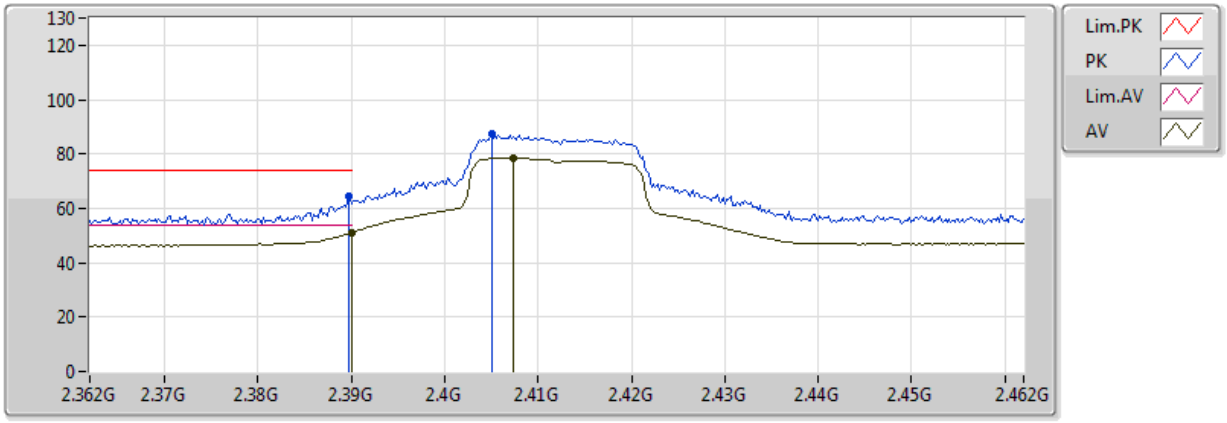


EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	7.386G	49.61	54.00	-4.39	8.51	3	Horizontal	37	3.61	-	41.10	36.20	7.61	35.30
PK	7.386G	62.01	74.00	-11.99	8.51	3	Horizontal	37	3.61	-	53.50	36.20	7.61	35.30

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

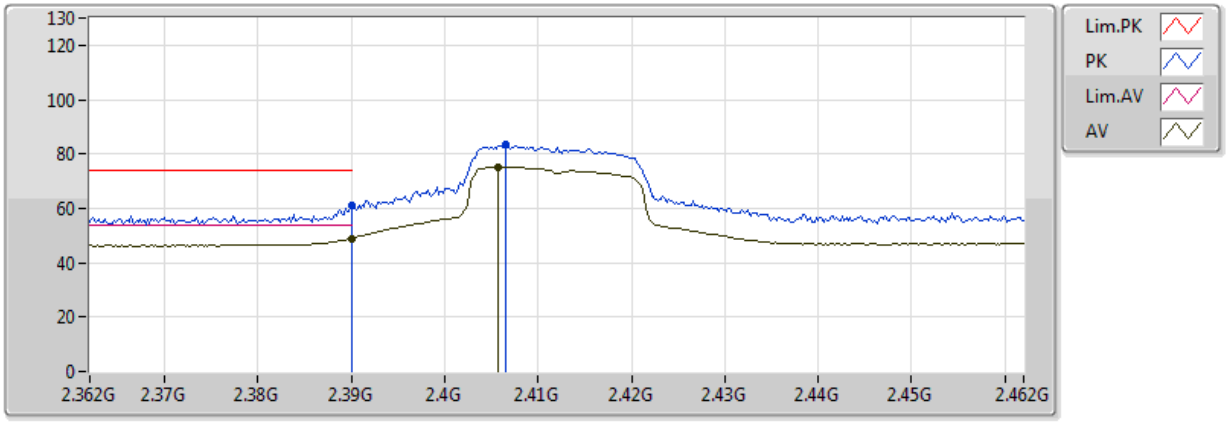


EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	51.25	54.00	-2.75	31.17	3	Vertical	250	1.50	-	20.08	26.99	4.18	-
AV	2.4074G	78.49	Inf	-Inf	31.24	3	Vertical	250	1.50	-	47.25	27.04	4.20	-
PK	2.3898G	64.46	74.00	-9.54	31.17	3	Vertical	250	1.50	-	33.29	26.99	4.18	-
PK	2.405G	87.20	Inf	-Inf	31.23	3	Vertical	250	1.50	-	55.97	27.03	4.20	-

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

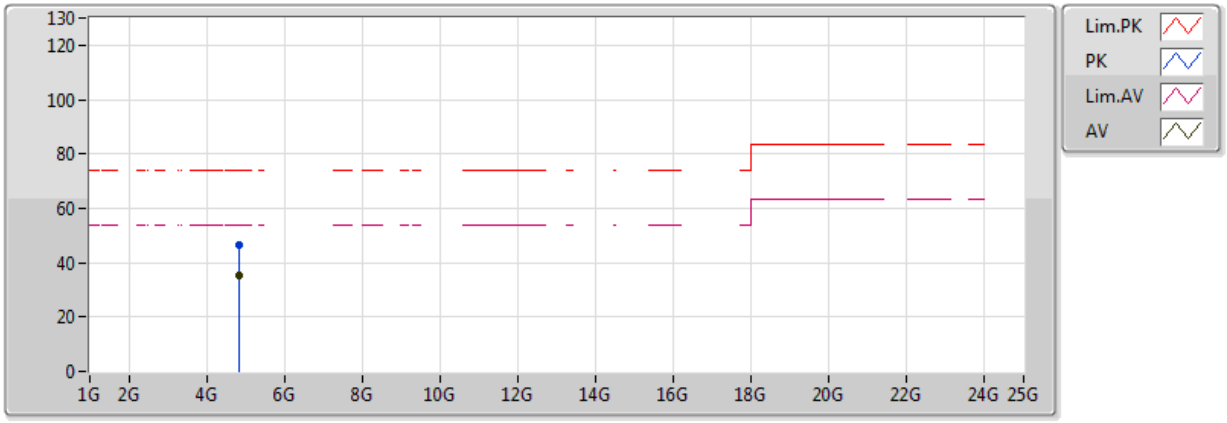


EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	48.94	54.00	-5.06	31.17	3	Horizontal	10	3.12	-	17.77	26.99	4.18	-
AV	2.4058G	75.17	Inf	-Inf	31.23	3	Horizontal	10	3.12	-	43.94	27.04	4.20	-
PK	2.39G	61.10	74.00	-12.90	31.17	3	Horizontal	10	3.12	-	29.93	26.99	4.18	-
PK	2.4066G	83.45	Inf	-Inf	31.24	3	Horizontal	10	3.12	-	52.22	27.04	4.20	-

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

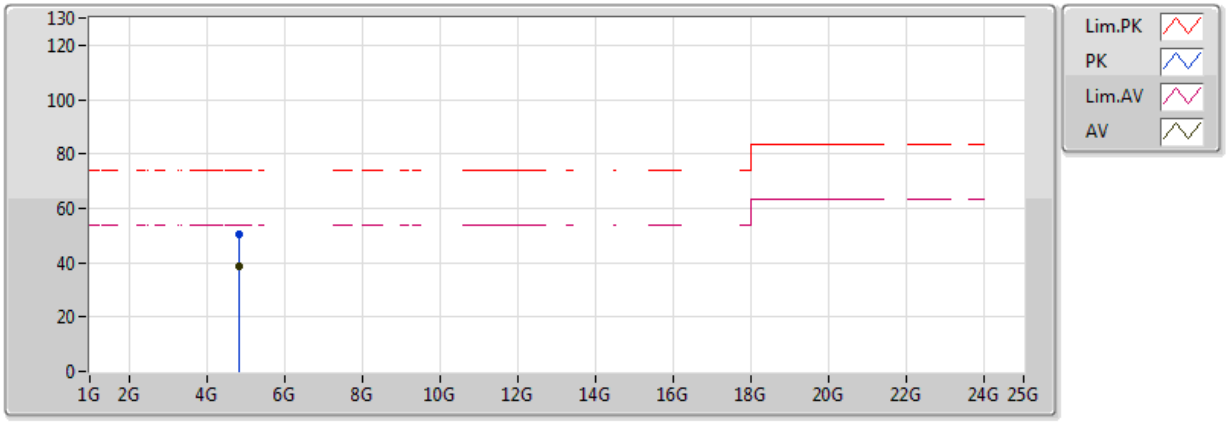


EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.824G	35.18	54.00	-18.82	2.48	3	Vertical	34	2.31	-	32.70	31.22	6.44	35.18
PK	4.824G	46.48	74.00	-27.52	2.48	3	Vertical	34	2.31	-	44.00	31.22	6.44	35.18

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

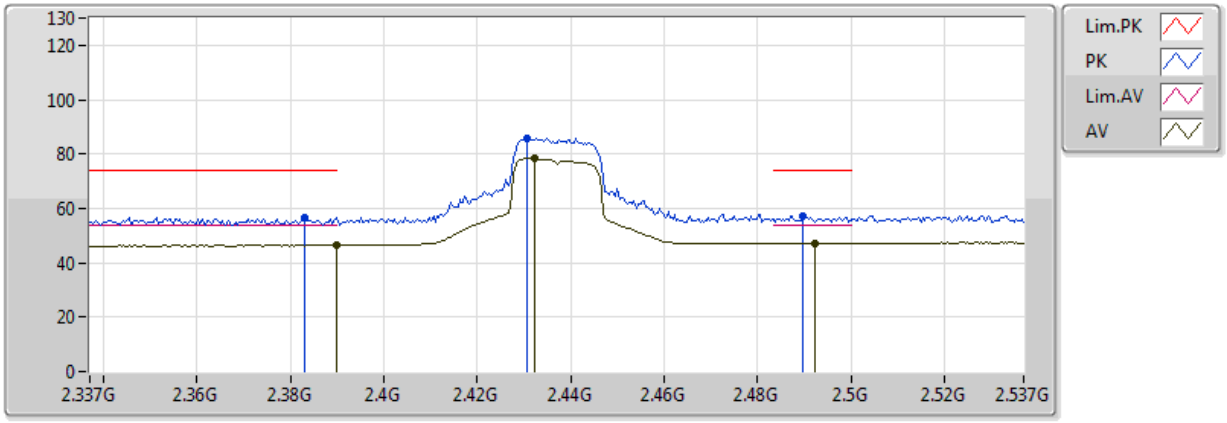


EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.824G	38.48	54.00	-15.52	2.48	3	Horizontal	350	2.27	-	36.00	31.22	6.44	35.18
PK	4.824G	50.48	74.00	-23.52	2.48	3	Horizontal	350	2.27	-	48.00	31.22	6.44	35.18

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

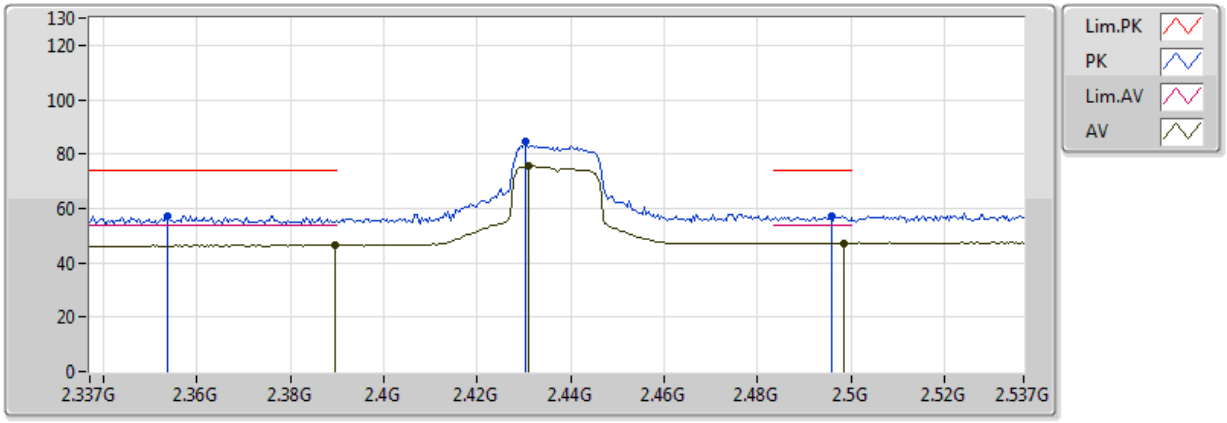


EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.389998G	46.45	54.00	-7.55	31.17	3	Vertical	230	1.01	-	15.27	26.99	4.18	-
AV	2.4322G	78.32	Inf	-Inf	31.33	3	Vertical	230	1.01	-	46.99	27.11	4.22	-
AV	2.4922G	47.27	54.00	-6.73	31.56	3	Vertical	230	1.01	-	15.71	27.28	4.28	-
PK	2.383G	56.44	74.00	-17.56	31.14	3	Vertical	230	1.01	-	25.29	26.97	4.17	-
PK	2.4306G	85.74	Inf	-Inf	31.33	3	Vertical	230	1.01	-	54.41	27.11	4.22	-
PK	2.4898G	57.11	74.00	-16.89	31.55	3	Vertical	230	1.01	-	25.56	27.27	4.28	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX



EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3894G	46.52	54.00	-7.48	31.17	3	Horizontal	358	1.02	-	15.35	26.99	4.18	-
AV	2.431G	75.44	Inf	-Inf	31.33	3	Horizontal	358	1.02	-	44.11	27.11	4.22	-
AV	2.4986G	47.24	54.00	-6.76	31.58	3	Horizontal	358	1.02	-	15.65	27.30	4.29	-
PK	2.3538G	57.22	74.00	-16.78	31.03	3	Horizontal	358	1.02	-	26.19	26.89	4.14	-
PK	2.4302G	84.52	Inf	-Inf	31.32	3	Horizontal	358	1.02	-	53.20	27.10	4.22	-
PK	2.4958G	57.34	74.00	-16.66	31.57	3	Horizontal	358	1.02	-	25.77	27.29	4.29	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	7.311G	52.65	54.00	-1.35	8.42	3	Vertical	219	2.30	-	44.23	36.01	7.69	35.27
PK	7.311G	65.42	74.00	-8.58	8.42	3	Vertical	219	2.30	-	57.00	36.01	7.69	35.27

802.11n HT20_Nss1,(MCS0)_1TX

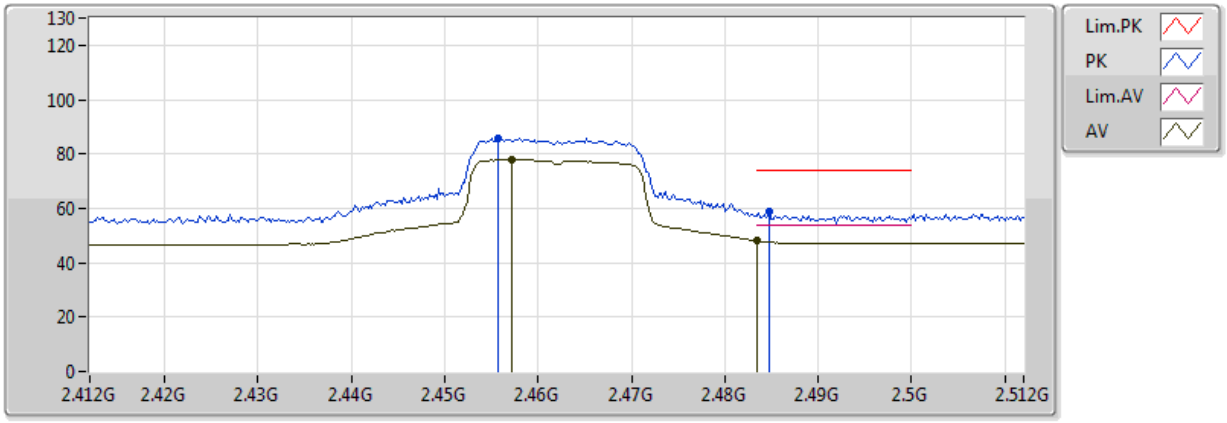
2437MHz_TX

EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	7.311G	52.72	54.00	-1.28	8.42	3	Horizontal	25	3.69	-	44.30	36.01	7.69	35.27
PK	7.311G	65.72	74.00	-8.28	8.42	3	Horizontal	25	3.69	-	57.30	36.01	7.69	35.27

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

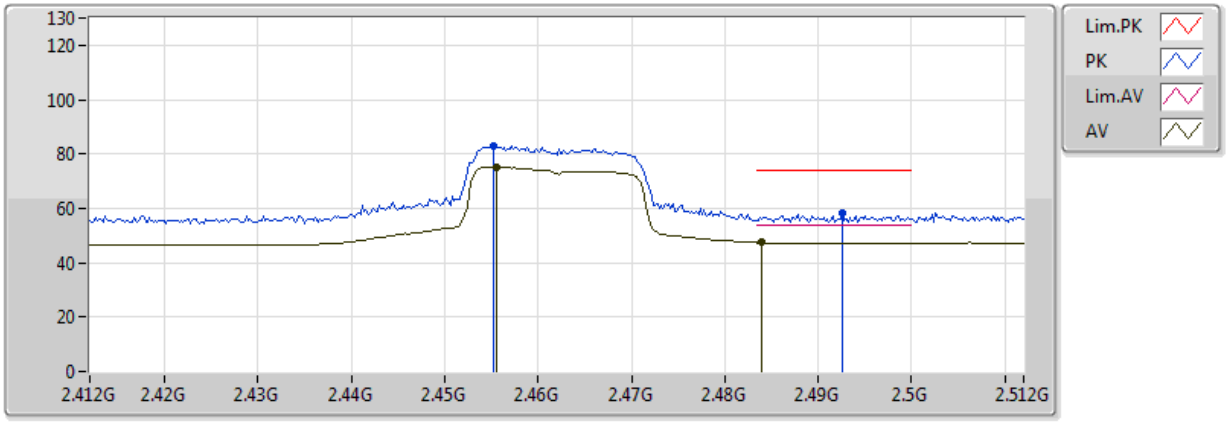


EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4572G	77.84	Inf	-Inf	31.43	3	Vertical	227	1.01	-	46.41	27.18	4.25	-
AV	2.483502G	48.08	54.00	-5.92	31.53	3	Vertical	227	1.01	-	16.55	27.25	4.27	-
PK	2.4558G	85.68	Inf	-Inf	31.42	3	Vertical	227	1.01	-	54.26	27.18	4.25	-
PK	2.4848G	58.74	74.00	-15.26	31.53	3	Vertical	227	1.01	-	27.21	27.26	4.27	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

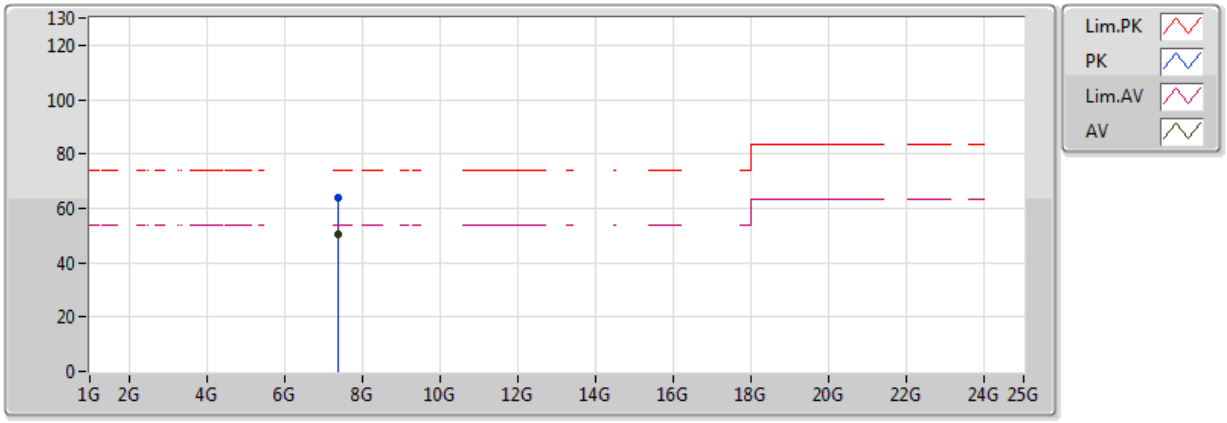


EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4556G	75.12	Inf	-Inf	31.42	3	Horizontal	14	3.00	-	43.70	27.18	4.25	-
AV	2.484G	47.42	54.00	-6.58	31.53	3	Horizontal	14	3.00	-	15.89	27.26	4.27	-
PK	2.4552G	83.09	Inf	-Inf	31.42	3	Horizontal	14	3.00	-	51.67	27.17	4.25	-
PK	2.4926G	58.23	74.00	-15.77	31.56	3	Horizontal	14	3.00	-	26.66	27.28	4.28	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

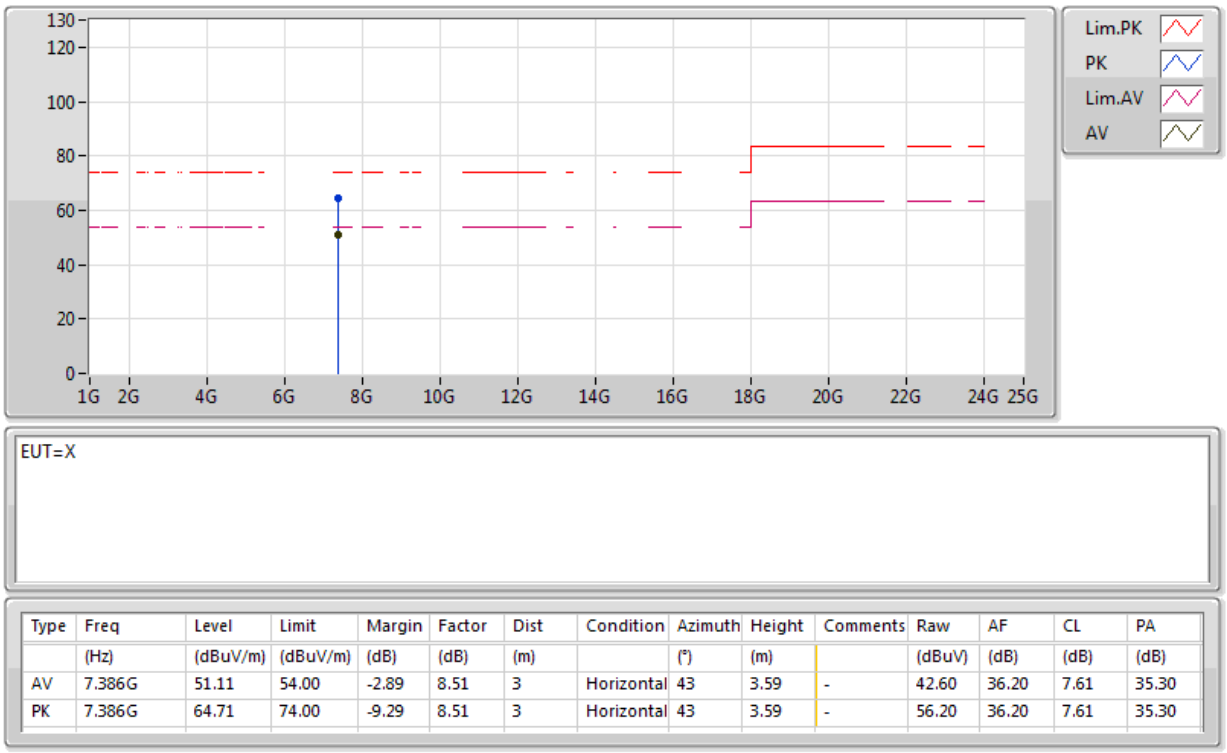


EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	7.386G	50.71	54.00	-3.29	8.51	3	Vertical	227	2.07	-	42.20	36.20	7.61	35.30
PK	7.386G	63.71	74.00	-10.29	8.51	3	Vertical	227	2.07	-	55.20	36.20	7.61	35.30

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX



EUT=X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	7.386G	51.11	54.00	-2.89	8.51	3	Horizontal	43	3.59	-	42.60	36.20	7.61	35.30
PK	7.386G	64.71	74.00	-9.29	8.51	3	Horizontal	43	3.59	-	56.20	36.20	7.61	35.30