FCC Test Report

Equipment	:	Video Doorbell Elite
Brand Name	:	RING
Model No.	:	Video Doorbell Elite
FCC ID	:	2AEUPBHAJB001
Standard	:	47 CFR FCC Part 15.247
Operating Band	:	2400 MHz – 2483.5 MHz
Function	:	☒ Point-to-multipoint; ☐ Point-to-point
Applicant	:	Bot Home Automation, Inc. 1523 26th St, Santa Monica, CA 90404, USA
Manufacturer	:	Chicony Electronics (Dong Guan) Co., Ltd. San Zhong Guan Li Qu, Qingxi Town, Dongguan City Guangdong 523651 China

The product sample received on Apr. 11, 2017 and completely tested on Apr. 20, 2017. We, SPORTON, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Phoenix Chen
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
FR740630AC	Rev. 01	Initial issue of report	May 02, 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
2.4G	11b	20	1
2.4G	11g	20	1
2.4G	11n	20	1

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

1.1.2 Antenna Information

Ant.	Port	Antenna Type	Connector	Gain (dBi)
1	1	PIFA Antenna	I-PEX	1.44
Note: 1: 802.11b/g/n only includes 1TX and Port1 for emission.				

1.1.3 EUT Information

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

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.99	0.044	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.955	0.2	2.069m	1k
802.11n HT20	0.98	0.088	n/a (DC>=0.98)	n/a (DC>=0.98)

1.2 Testing Applied Standards

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

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

1.3 Testing Location Information

Testing Location			
☒	HWA YA	ADD : No. 52, Hwa Ya 1st Rd., Kwei-Shan District, Tao Yuan City, Taiwan, R.O.C.	
		TEL : 886-3-327-3456	FAX : 886-3-327-0973
Test site Designation No. 553509 with FCC.			
Test site registered number IC 4086B-1 with Industry Canada.			
☐	JHUBEI	ADD : No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.	
		TEL : 886-3-656-9065	FAX : 886-3-656-9085
Test site Designation No. TW0006 with FCC.			
Test site registered number IC 4086D with Industry Canada.			

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-HY	Ryan	24.5°C / 67%	12/Apr/2017
Radiated	03CH02-HY	Ryan	23.5°C / 65%	20/Apr/2017
AC Conduction	CO01-HY	Teddy	24°C / 55%	14/Apr/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	DoS

Mode	Power Setting
802.11b_(1Mbps)_1TX	-
2412MHz	20
2437MHz	20
2462MHz	16
802.11g_(6Mbps)_1TX	-
2412MHz	16
2437MHz	20
2462MHz	16
802.11n HT20_Nss1,(MCS0)_1TX	-
2412MHz	16.5
2437MHz	20
2462MHz	17

2.3 The Worst Case Measurement Configuration

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

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

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

2.4 Support Equipment

Support Equipment – RF Conducted				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5410	DoC
2	Adapter for NB	DELL	HA65NM130	DoC
3	PoE	-	PSE3101DCG	-
4	Adapter for PoE	DVE	DSA-18CB-12 FCA 120150	-

Note: Support equipment No.3 was provided by customer.

Support Equipment – Radiated Emission				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5410	DOC
2	PoE	-	PSE3101DCG	-
3	Adapter for PoE	DVE	DSA-18CB-12 FCA 120150	-

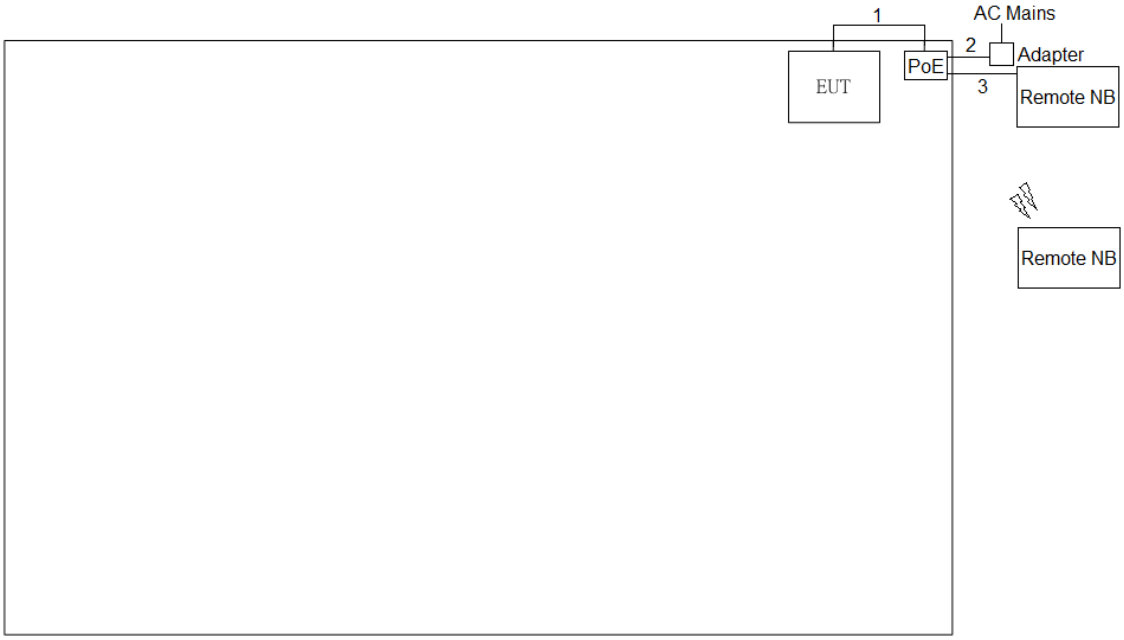
Note: Support equipment No.2 was provided by customer.

Support Equipment – AC Conduction				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	PoE	-	PSE3101DCG	-
2	Adapter for PoE	DVE	DSA-18CB-12 FCA 120150	-
3	Notebook	DELL	Latitude E5540	DoC
4	Notebook	DELL	Latitude E5540	DoC

Note: Support equipment No.1 was provided by customer.

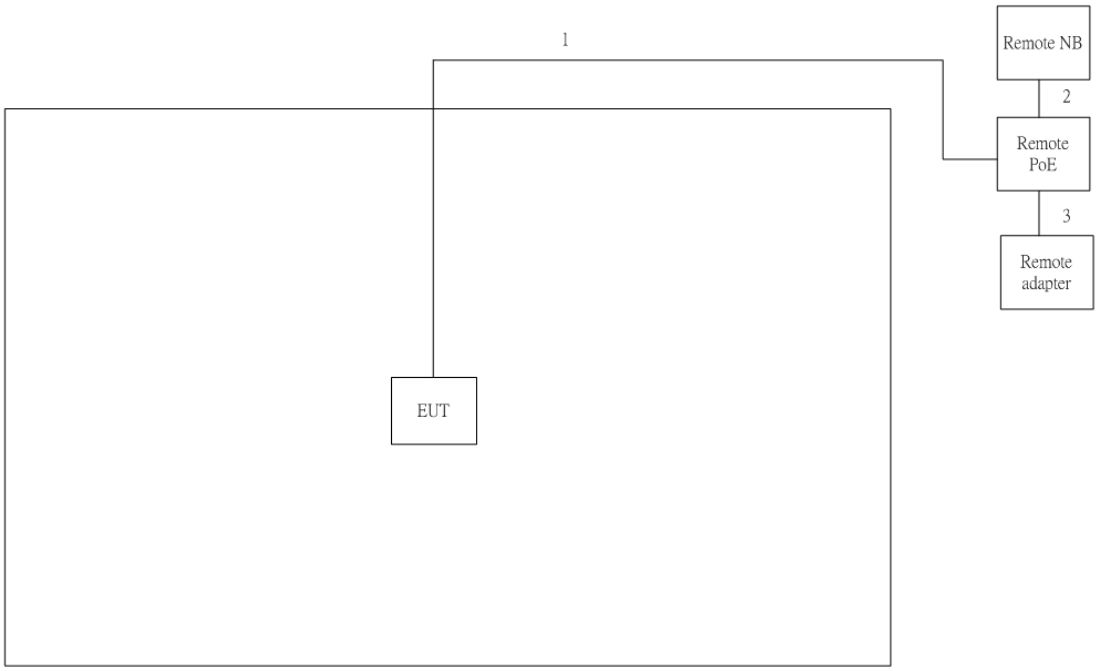
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



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

Test Setup Diagram – Radiated Test < 1GHz



Item	Connection	Shielded	Length(m)	Remark
1	RJ-45 cable	No	10m	-
2	RJ-45 cable	No	1.0m	-
3	DC power line	No	1.5m	-

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

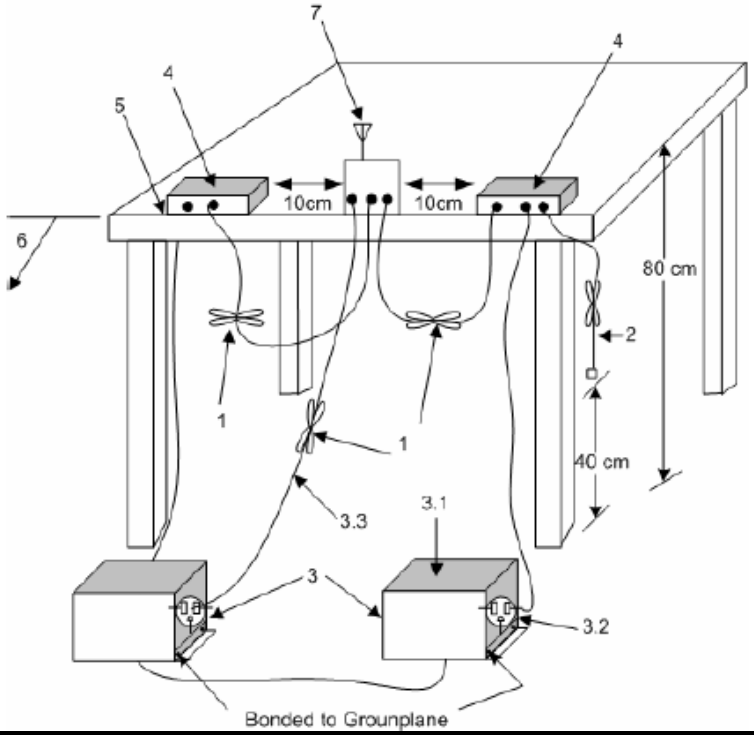
Refer a test equipment and calibration data table in this test report.

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.

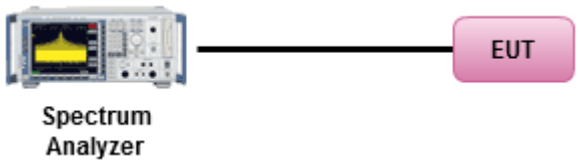
3.2.2 Measuring Instruments

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 ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth
 Spectrum Analyzer

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

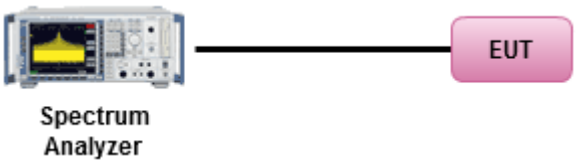
3.4.2 Measuring Instruments

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.	

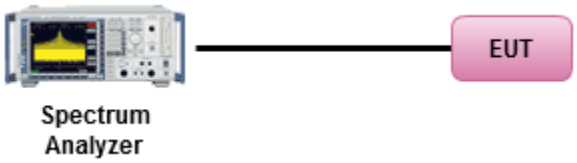
3.5.2 Measuring Instruments

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.

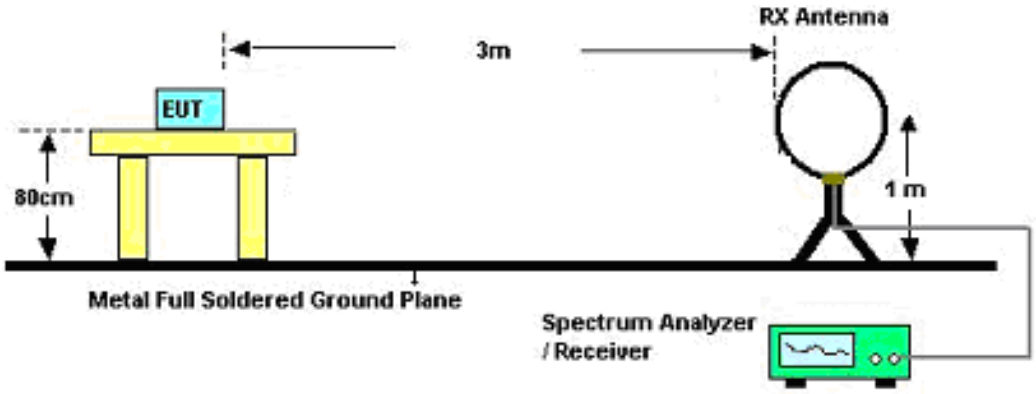
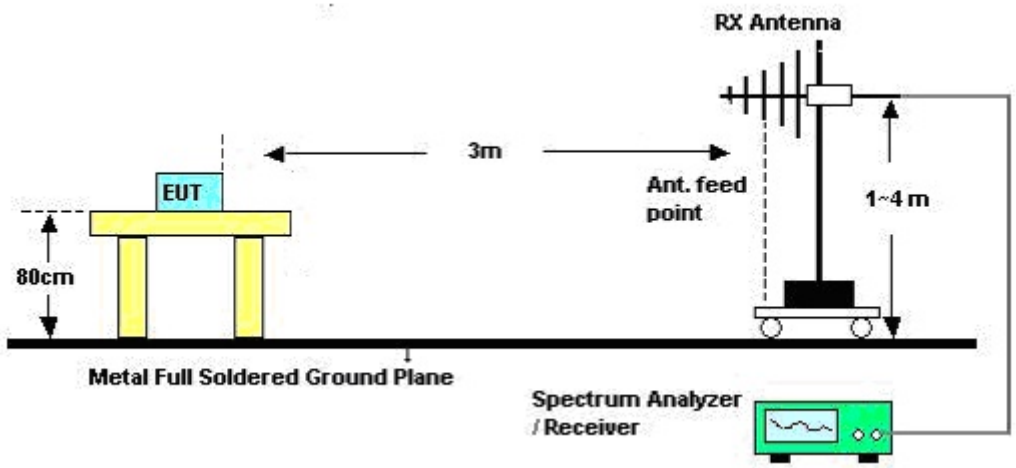
3.6.2 Measuring Instruments

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

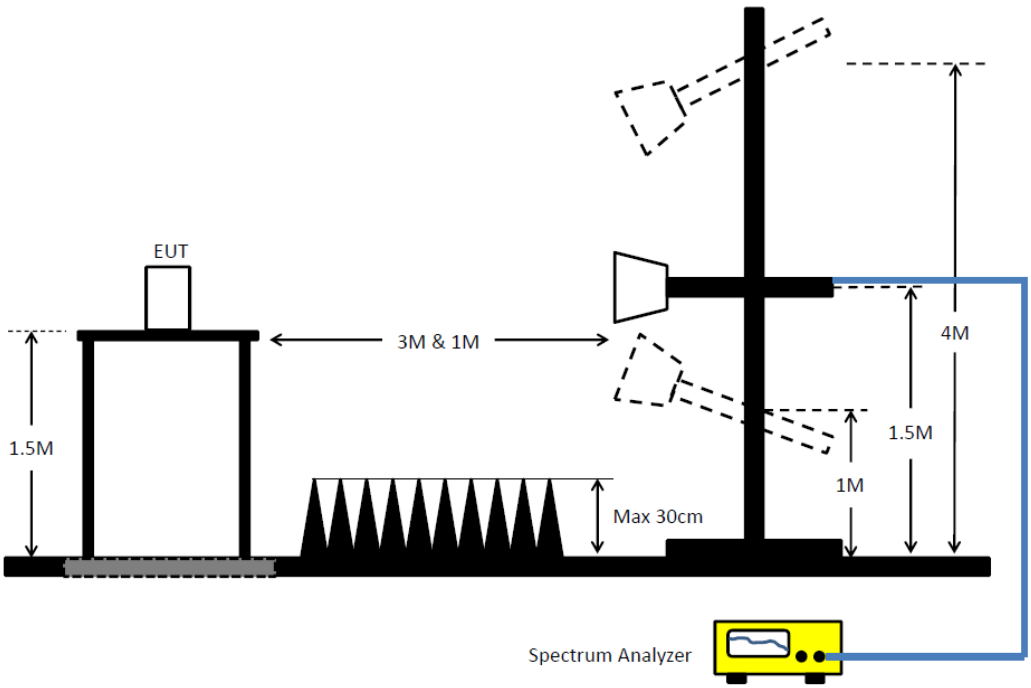
3.6.3 Test Procedures

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	9 kHz ~ 3.6 GHz	18/Apr/2016	17/Apr/2017
LISN	R&S	ENV216	101295	9 kHz ~ 30 MHz	15/Nov/2016	14/Nov/2017
RF Cable-CON	HUBER+SUHNER	RG213/U	07611832010001	9 kHz ~ 30 MHz	06/Mar/2017	05/Mar/2018

NCR : Non-Calibration Require

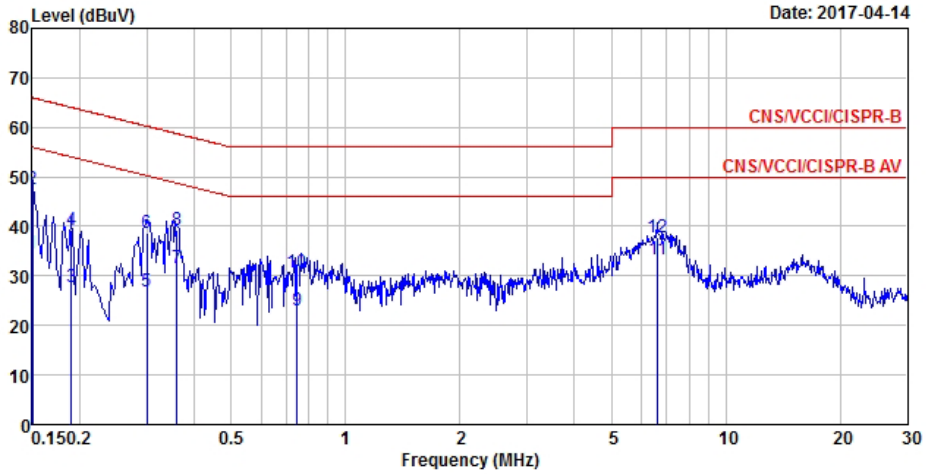
Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSP40	100593	9 kHz ~ 40 GHz	26/Oct/2016	25/Oct/2017
3m Semi Anechoic	SIDT FRANKONIA	SAC-3M	03CH02-HY	30 MHz ~ 1 GHz	03/Jun/2016	02/Jun/2017
3m Semi Anechoic	SIDT FRANKONIA	SAC-3M	03CH02-HY	1 GHz ~ 18 GHz	12/Dec/2016	11/Dec/2017
Amplifier	Agilent	8447D	2944A11149	100 kHz ~ 1.3 GHz	01/Jul/2016	30/Jun/2017
Amplifier	Agilent	8449B	3008A02373	1 GHz ~ 26.5 GHz	02/Sep/2016	01/Sep/2017
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA9120D 01543	1 GHz ~ 18 GHz	22/Apr/2016	21/Apr/2017
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170154	15 GHz ~ 40 GHz	06/Feb/2017	05/Feb/2018
Bilog Antenna	SCHAFFNER	CBL6112B	2723	30 MHz ~ 1 GHz	01/Oct/2016	30/Sep/2017
Loop Antenna	TESEQ	HLA 6120	24155	9 kHz ~ 30 MHz	02/Mar/2017	01/Mar/2018
RF Cable-high	SUHNER	SUCOFLEX104	MY34918/4	1 GHz ~ 40 GHz	26/Jan/2017	25/Jan/2018
RF Cable-R03m	Jye Bao	RG142	CB017	9 kHz ~ 1 GHz	26/Jan/2017	25/Jan/2018

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	9 kHz ~ 40 GHz	30/Dec/2016	29/Dec/ 2017
Power Sensor	Anritsu	MA2411B	0917017	300 MHz ~ 40 GHz	10/Feb/2017	09/Feb/2018
Power Meter	Anritsu	ML2495A	0949003	300 MHz ~ 40 GHz	10/Feb/2017	09/Feb/2018
Signal Generator	R&S	SMR40	100116	10 MHz ~ 40 GHz	21/Jul/2016	20/Jul/2017
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10710/4	30 MHz ~ 26.5 GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10709/4	30 MHz ~ 26.5 GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10713/4	30 MHz ~ 26.5 GHz	02/Oct/2016	01/Oct/2017

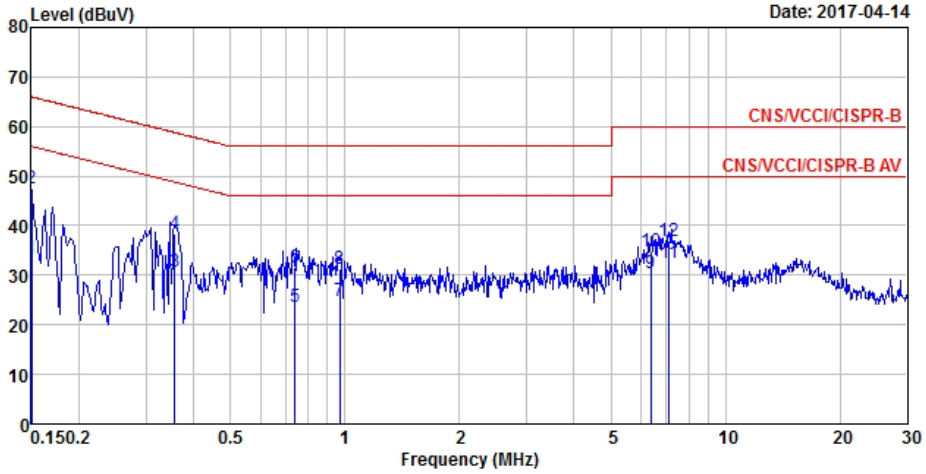
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	PoE Mode		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.15	34.53	-21.47	56.00	24.83	9.68	0.02	Average
2	0.15	47.65	-18.35	66.00	37.95	9.68	0.02	QP
3	0.19	27.71	-26.31	54.02	18.02	9.67	0.02	Average
4	0.19	39.28	-24.74	64.02	29.59	9.67	0.02	QP
5	0.30	26.75	-23.49	50.24	17.11	9.62	0.02	Average
6	0.30	38.74	-21.50	60.24	29.10	9.62	0.02	QP
7	0.36	31.44	-17.30	48.74	21.83	9.59	0.02	Average
8	0.36	39.32	-19.42	58.74	29.71	9.59	0.02	QP
9	0.75	22.98	-23.02	46.00	13.32	9.64	0.02	Average
10	0.75	30.67	-25.33	56.00	21.01	9.64	0.02	QP
11 MAX	6.61	33.32	-16.68	50.00	23.53	9.67	0.12	Average
12	6.61	37.83	-22.17	60.00	28.04	9.67	0.12	QP

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

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



		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1		0.15	33.49	-22.51	56.00	23.83	9.64	0.02	Average
2		0.15	47.54	-18.46	66.00	37.88	9.64	0.02	QP
3		0.36	30.69	-18.09	48.78	21.03	9.64	0.02	Average
4		0.36	38.41	-20.37	58.78	28.75	9.64	0.02	QP
5		0.74	23.67	-22.33	46.00	14.02	9.63	0.02	Average
6		0.74	31.50	-24.50	56.00	21.85	9.63	0.02	QP
7		0.97	24.79	-21.21	46.00	15.14	9.63	0.02	Average
8		0.97	31.37	-24.63	56.00	21.72	9.63	0.02	QP
9		6.36	30.54	-19.46	50.00	20.69	9.73	0.12	Average
10		6.36	34.98	-25.02	60.00	25.13	9.73	0.12	QP
11	MAX	7.10	32.53	-17.47	50.00	22.65	9.75	0.13	Average
12		7.10	36.89	-23.11	60.00	27.01	9.75	0.13	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_(1Mbps)_1TX	-	-	-	-	-
2.4-2.4835GHz	9.525M	13.943M	13M9G1D	7.5M	12.069M
802.11g_(6Mbps)_1TX	-	-	-	-	-
2.4-2.4835GHz	15.35M	16.842M	16M8D1D	14.625M	16.367M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2.4-2.4835GHz	15M	17.866M	17M9D1D	14.15M	17.541M

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;

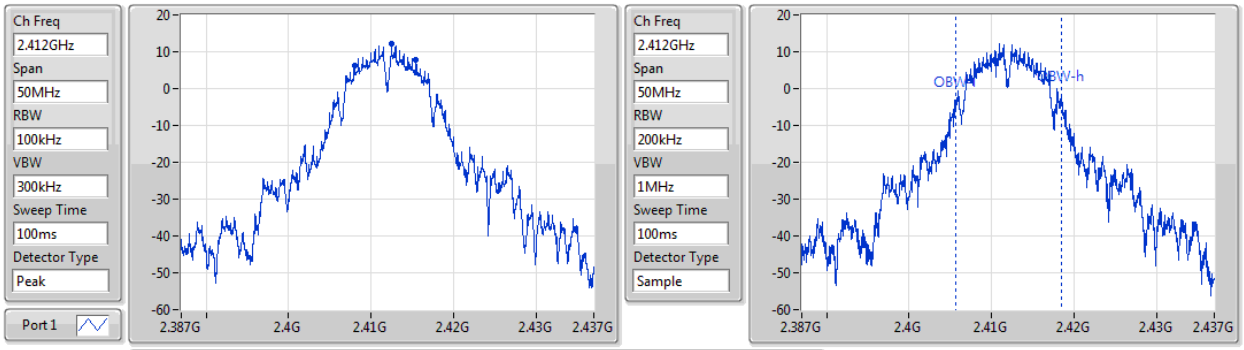
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	7.5M	12.794M
2437MHz	Pass	500k	9.525M	13.943M
2462MHz	Pass	500k	8.025M	12.069M
802.11g_(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	14.625M	16.417M
2437MHz	Pass	500k	15.05M	16.842M
2462MHz	Pass	500k	15.35M	16.367M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	14.65M	17.541M
2437MHz	Pass	500k	14.15M	17.866M
2462MHz	Pass	500k	15M	17.566M

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

802.11b_(1Mbps)_1TX **EBW**

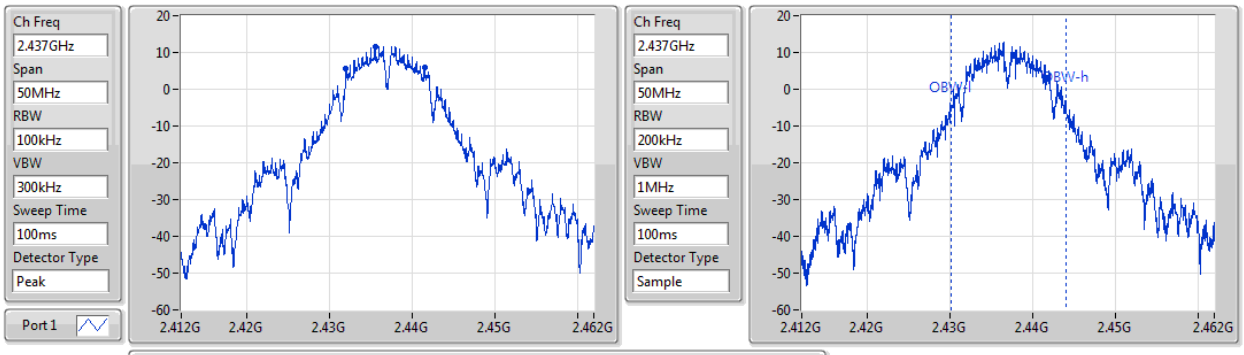
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.5M	2.407975G	2.415475G	12.794M	2.405653G	2.418447G	500k	1

802.11b_(1Mbps)_1TX **EBW**

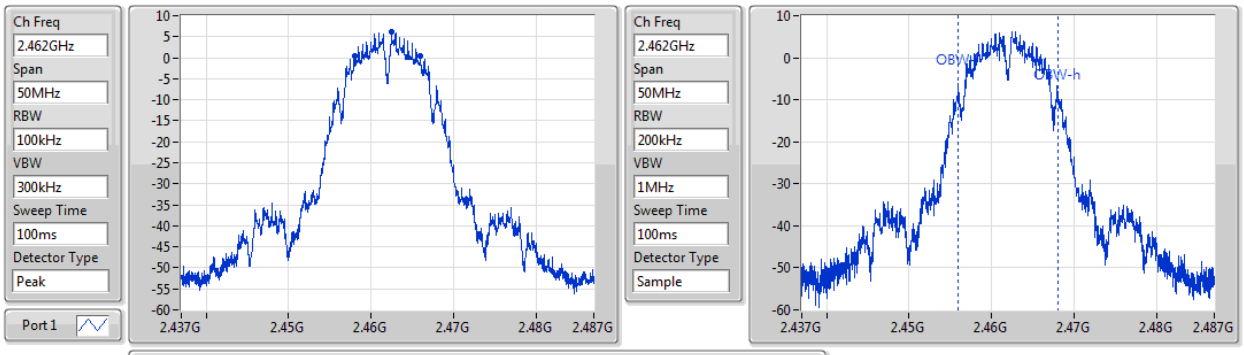
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.525M	2.43195G	2.441475G	13.943M	2.430078G	2.444021G	500k	1

802.11b_(1Mbps)_1TX **EBW**

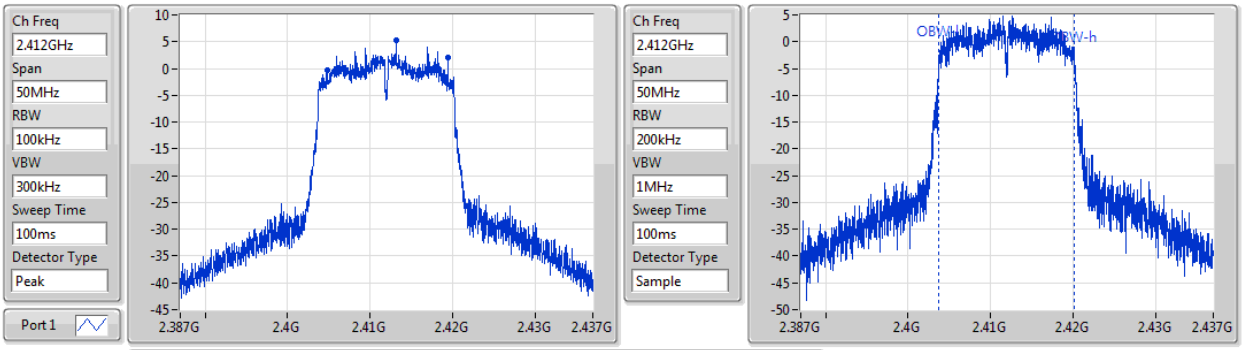
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.025M	2.457975G	2.466G	12.069M	2.455928G	2.467997G	500k	1

802.11g_(6Mbps)_1TX — EBW

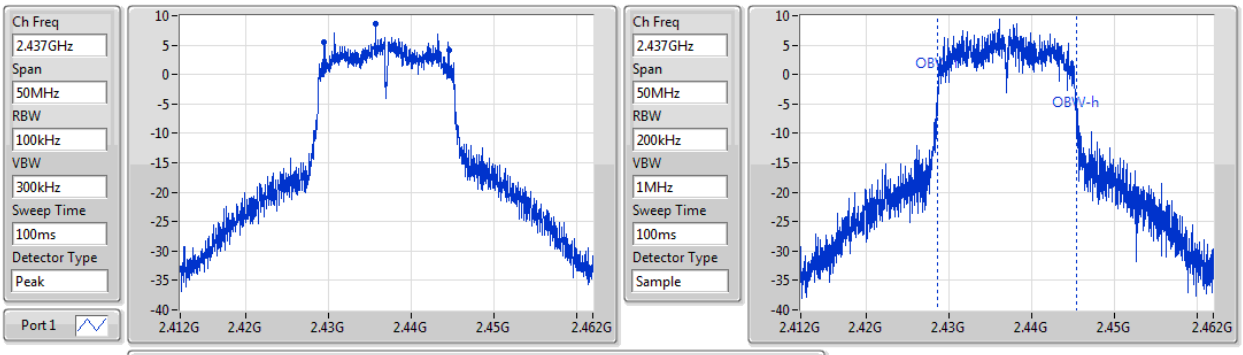
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.625M	2.40485G	2.419475G	16.417M	2.403779G	2.420196G	500k	1

802.11g_(6Mbps)_1TX — EBW

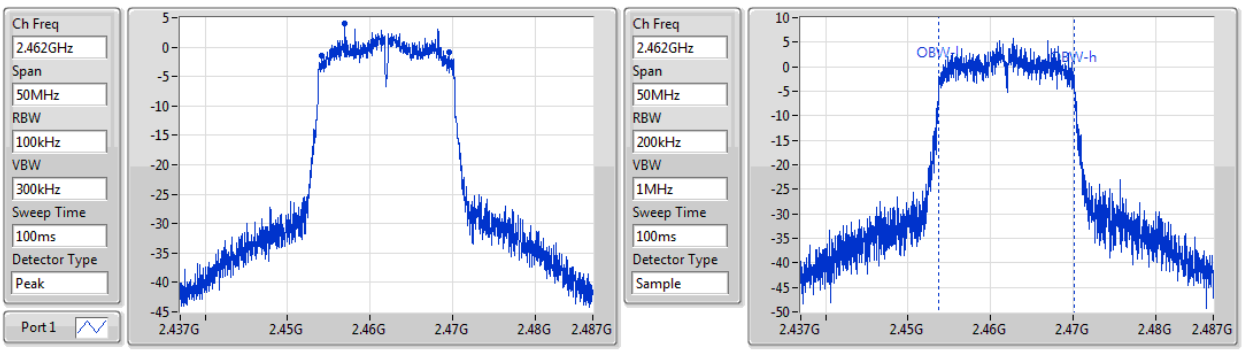
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.05M	2.429475G	2.444525G	16.842M	2.428629G	2.445471G	500k	1

802.11g_(6Mbps)_1TX — EBW

2462MHz

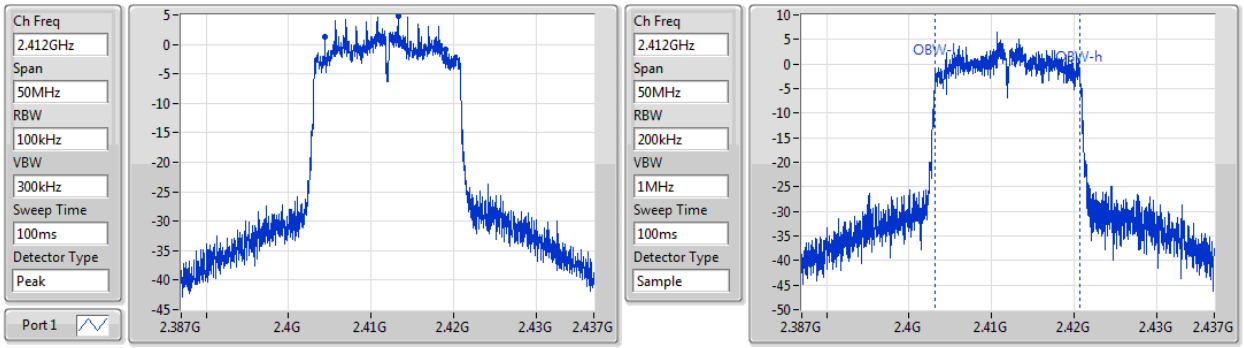


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.35M	2.4542G	2.46955G	16.367M	2.453779G	2.470146G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX

EBW

2412MHz

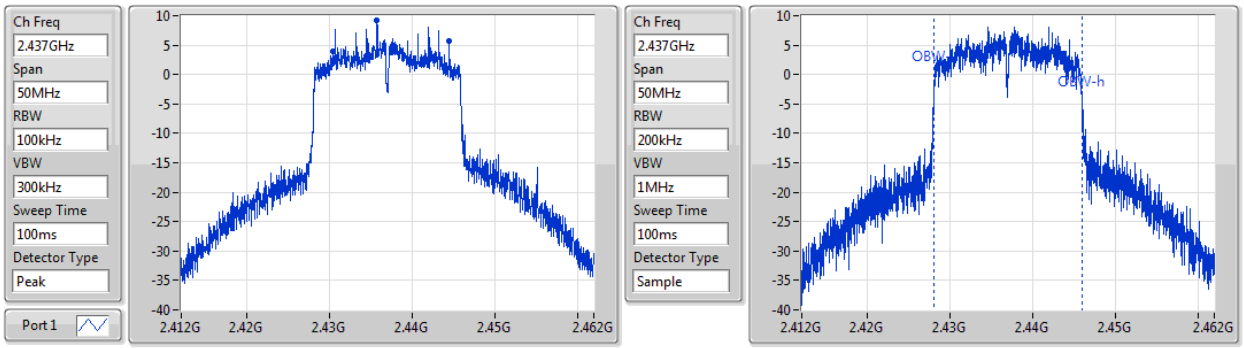


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.65M	2.40445G	2.4191G	17.541M	2.403179G	2.420721G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX

EBW

2437MHz

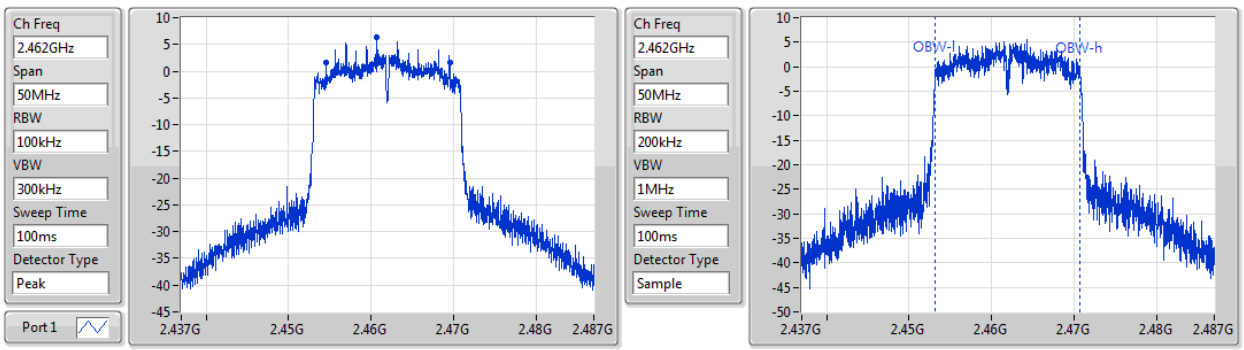


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.15M	2.43035G	2.4445G	17.866M	2.428079G	2.445946G	500k	1

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
15M	2.454525G	2.469525G	17.566M	2.453179G	2.470746G	500k	1

Summary

Mode	Total Power (dBm)	Total Power (W)
802.11b_(1Mbps)_1TX	-	-
2.4-2.4835GHz	20.70	0.11749
802.11g_(6Mbps)_1TX	-	-
2.4-2.4835GHz	19.08	0.08091
802.11n HT20_Nss1,(MCS0)_1TX	-	-
2.4-2.4835GHz	18.99	0.07925

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	1.44	19.73	19.73	30.00
2437MHz	Pass	1.44	20.70	20.70	30.00
2462MHz	Pass	1.44	14.51	14.51	30.00
802.11g_(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	1.44	15.86	15.86	30.00
2437MHz	Pass	1.44	19.08	19.08	30.00
2462MHz	Pass	1.44	15.72	15.72	30.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	1.44	15.76	15.76	30.00
2437MHz	Pass	1.44	18.99	18.99	30.00
2462MHz	Pass	1.44	16.55	16.55	30.00

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

Summary

Mode	PD (dBm/RBW)
802.11b_(1Mbps)_1TX	-
2.4-2.4835GHz	-2.99
802.11g_(6Mbps)_1TX	-
2.4-2.4835GHz	-6.36
802.11n HT20_Nss1,(MCS0)_1TX	-
2.4-2.4835GHz	-6.20

RBW=3kHz.

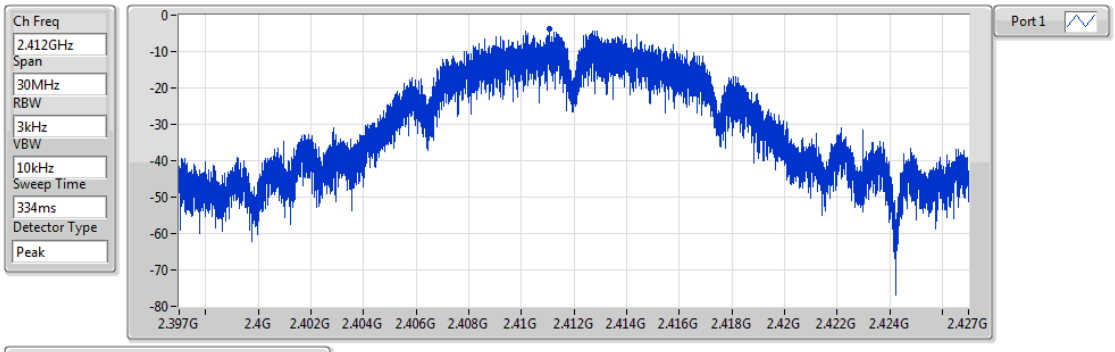
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	1.44	-3.75	-3.75	8.00
2437MHz	Pass	1.44	-2.99	-2.99	8.00
2462MHz	Pass	1.44	-8.04	-8.04	8.00
802.11g_(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	1.44	-9.32	-9.32	8.00
2437MHz	Pass	1.44	-6.36	-6.36	8.00
2462MHz	Pass	1.44	-9.26	-9.26	8.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	1.44	-9.39	-9.39	8.00
2437MHz	Pass	1.44	-6.20	-6.20	8.00
2462MHz	Pass	1.44	-8.64	-8.64	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_(1Mbps)_1TX **PSD**

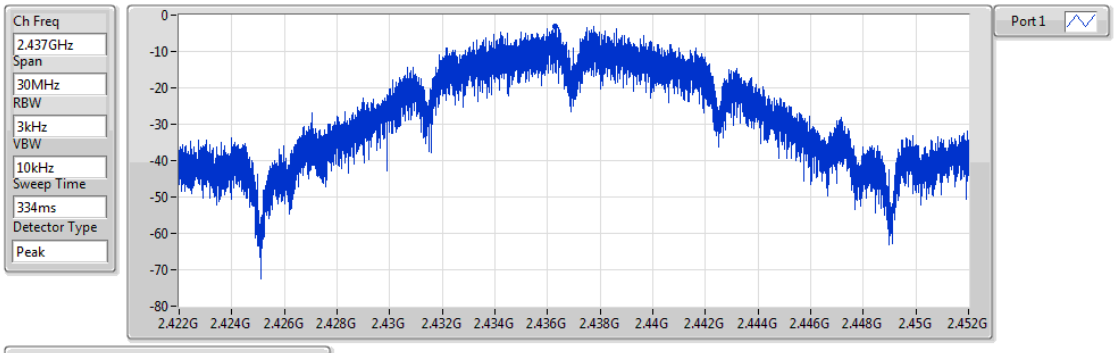
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.75	-3.75	-3.75

802.11b_(1Mbps)_1TX **PSD**

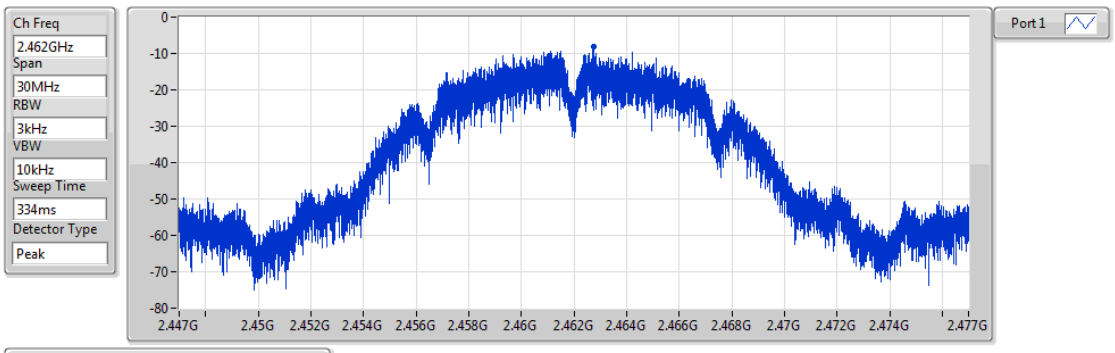
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.99	-2.99	-2.99

802.11b_(1Mbps)_1TX **PSD**

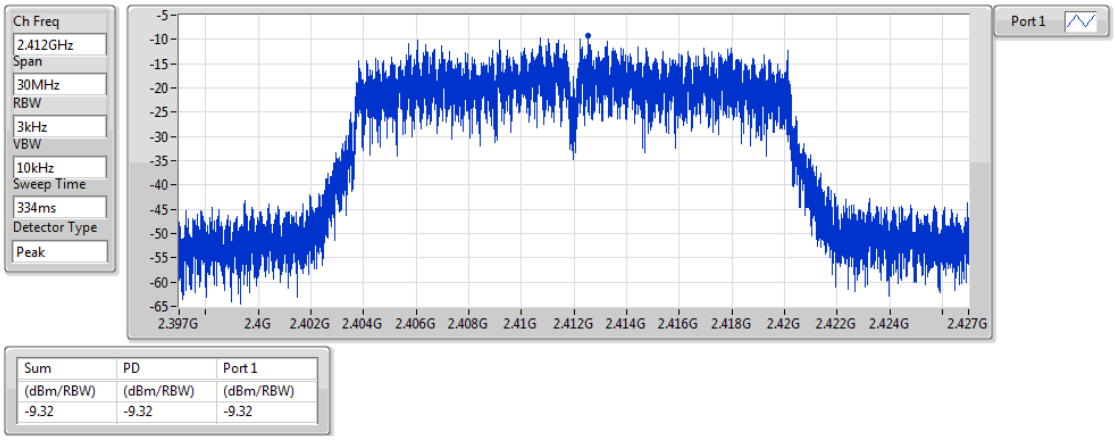
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.04	-8.04	-8.04

802.11g_(6Mbps)_1TX **PSD**

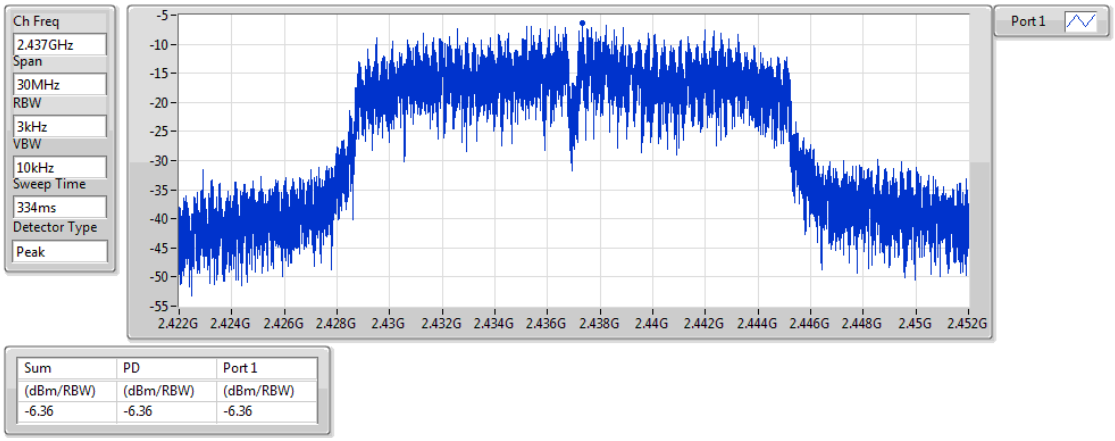
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.32	-9.32	-9.32

802.11g_(6Mbps)_1TX **PSD**

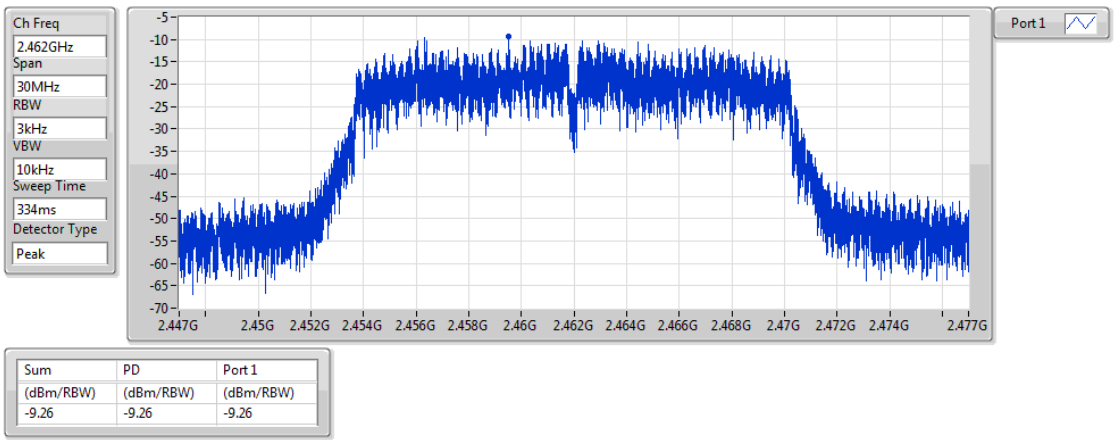
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.36	-6.36	-6.36

802.11g_(6Mbps)_1TX **PSD**

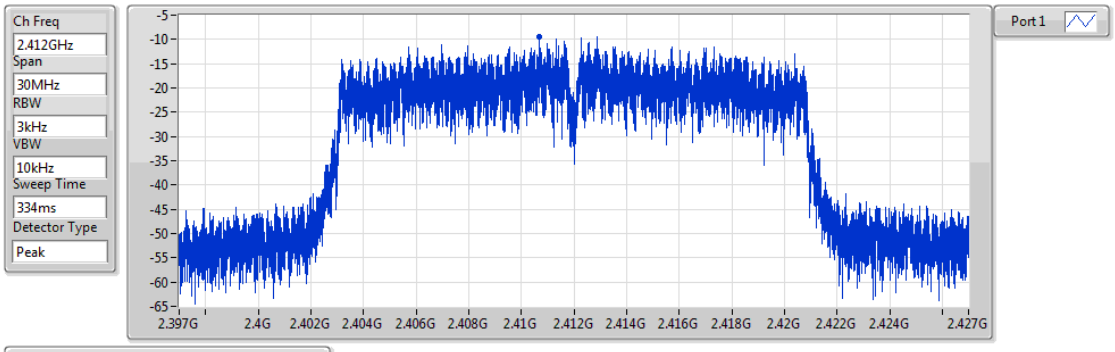
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.26	-9.26	-9.26

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

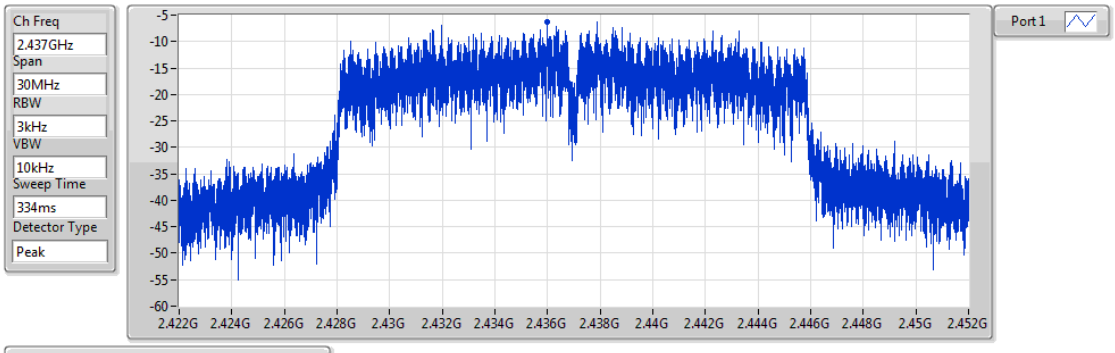
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.39	-9.39	-9.39

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

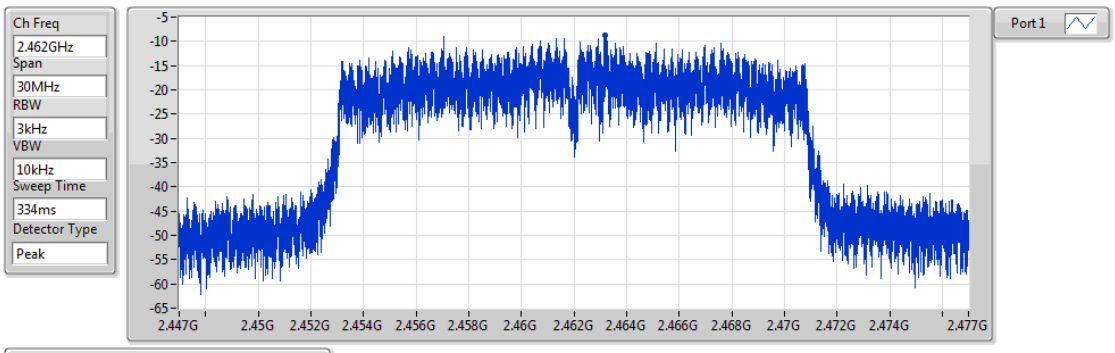
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.20	-6.20	-6.20

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

2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.64	-8.64	-8.64

Summary

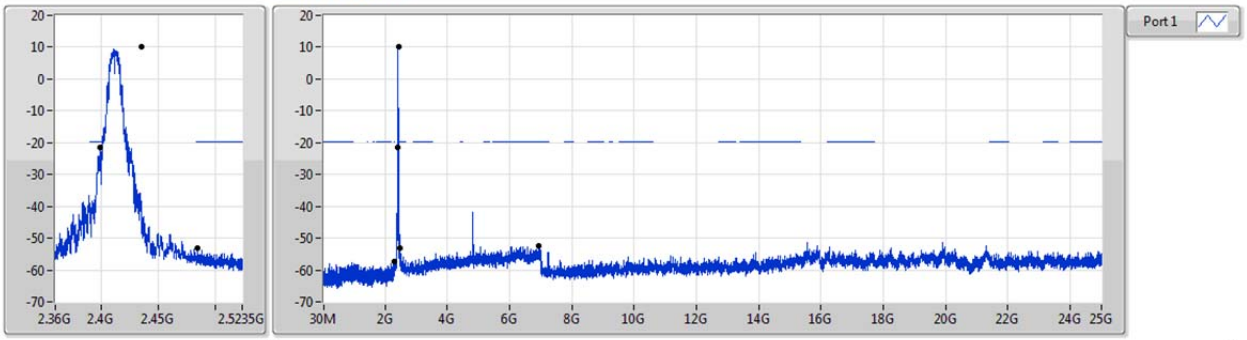
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	2.434903G	10.21	-19.79	2.30641G	-57.23	2.39952G	-21.51	2.48398G	-53.04	6.920465G	-52.56	1

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_(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.434903G	10.21	-19.79	2.30641G	-57.23	2.39952G	-21.51	2.48398G	-53.04	6.920465G	-52.56	1
2437MHz	Pass	2.434903G	10.21	-19.79	1.78915G	-58.20	2.39904G	-44.47	2.4859G	-49.04	6.928894G	-51.97	1
2462MHz	Pass	2.434903G	10.21	-19.79	2.104865G	-58.22	2.39568G	-55.70	2.50694G	-53.43	6.229313G	-53.06	1
802.11g_(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.432064G	7.72	-22.28	2.30874G	-56.78	2.398G	-28.32	2.48614G	-52.46	6.392268G	-52.18	1
2437MHz	Pass	2.432064G	7.72	-22.28	2.309905G	-57.18	2.39664G	-36.84	2.48382G	-40.69	6.403506G	-52.61	1
2462MHz	Pass	2.432064G	7.72	-22.28	1.988365G	-57.89	2.39832G	-50.43	2.4847G	-36.79	5.976452G	-52.83	1
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.439412G	8.28	-21.72	2.30408G	-57.18	2.39952G	-26.45	2.51246G	-52.38	6.951371G	-52.45	1
2437MHz	Pass	2.439412G	8.28	-21.72	2.16195G	-56.78	2.3992G	-37.15	2.48446G	-40.34	6.260218G	-52.56	1
2462MHz	Pass	2.439412G	8.28	-21.72	2.037295G	-56.80	2.3956G	-50.44	2.48382G	-32.87	2.5235G	-49.96	1

802.11b_(1Mbps)_1TX **CSE NdB**

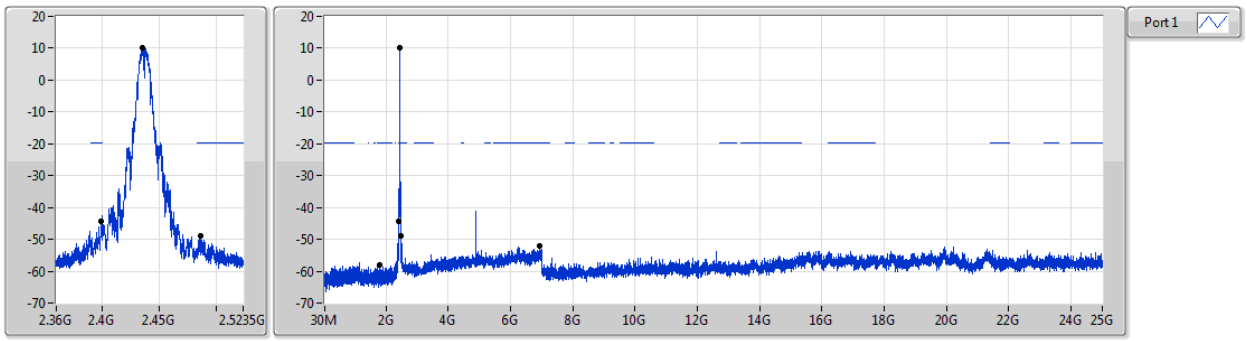
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.434903G	10.21	-19.79	2.30641G	-57.23	2.39952G	-21.51	2.48398G	-53.04	6.920465G	-52.56	1

802.11b_(1Mbps)_1TX **CSE NdB**

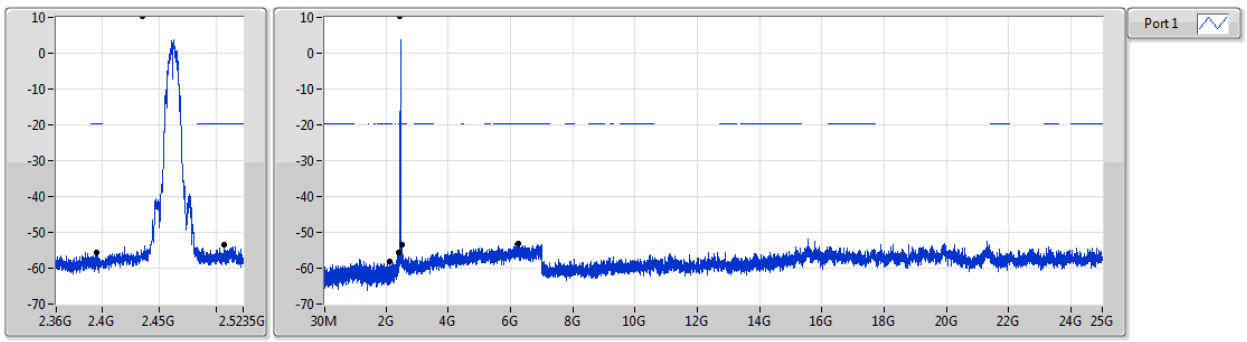
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.434903G	10.21	-19.79	1.78915G	-58.20	2.39904G	-44.47	2.4859G	-49.04	6.928894G	-51.97	1

802.11b_(1Mbps)_1TX **CSE NdB**

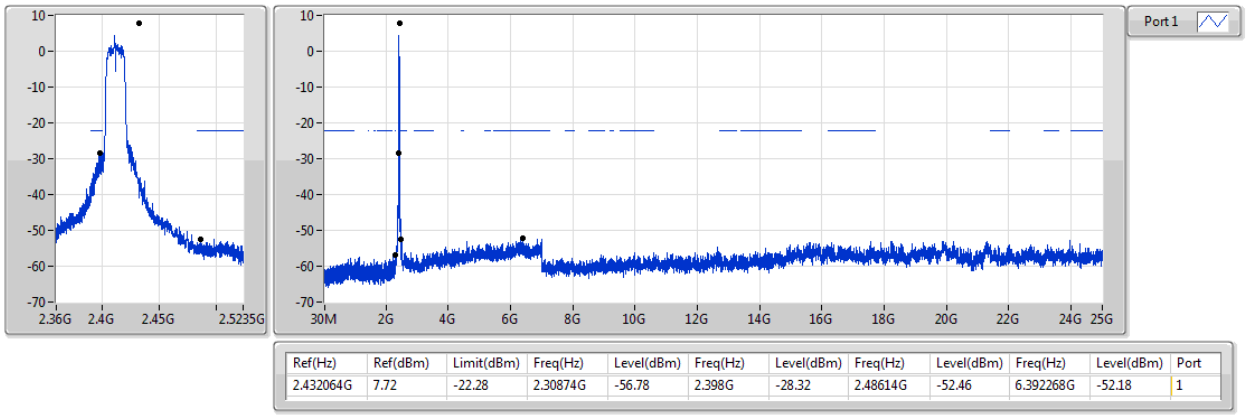
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.434903G	10.21	-19.79	2.104865G	-58.22	2.39568G	-55.70	2.50694G	-53.43	6.229313G	-53.06	1

802.11g_(6Mbps)_1TX **CSE NdB**

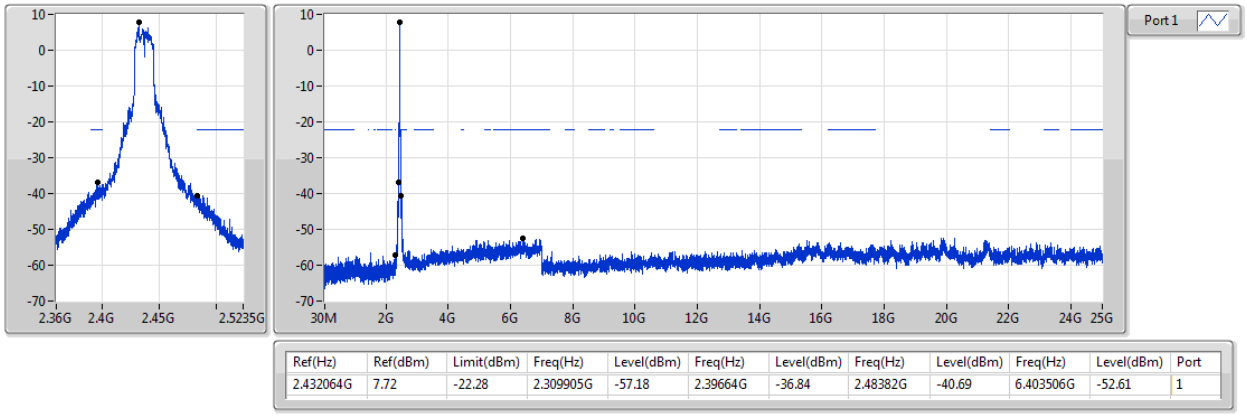
2412MHz



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	7.72	-22.28	2.30874G	-56.78	2.398G	-28.32	2.48614G	-52.46	6.392268G	-52.18	1

802.11g_(6Mbps)_1TX **CSE NdB**

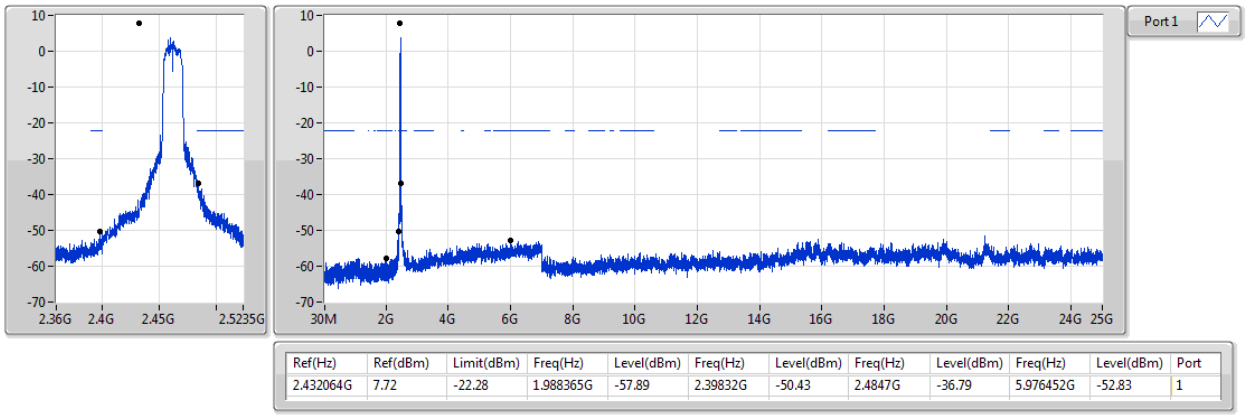
2437MHz



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	7.72	-22.28	2.309905G	-57.18	2.39664G	-36.84	2.48382G	-40.69	6.403506G	-52.61	1

802.11g_(6Mbps)_1TX **CSE NdB**

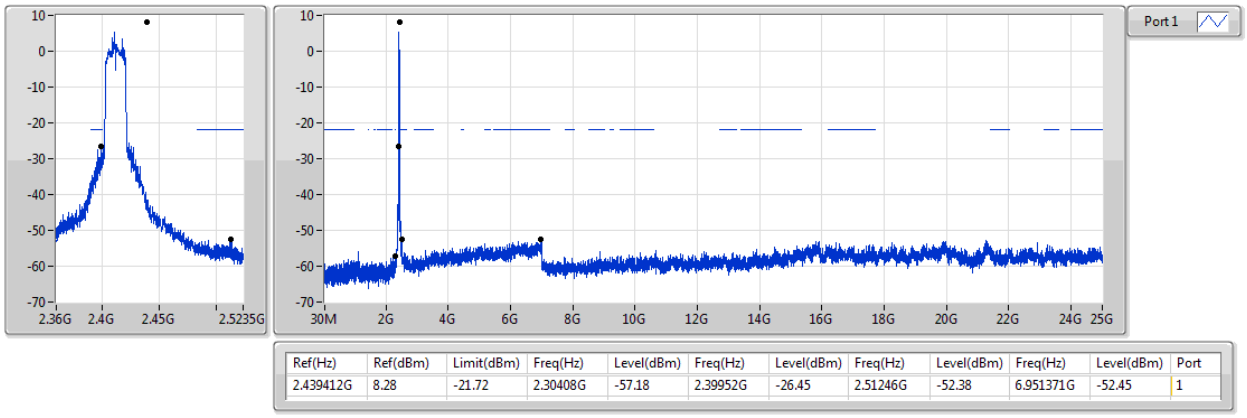
2462MHz



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	7.72	-22.28	1.988365G	-57.89	2.39832G	-50.43	2.4847G	-36.79	5.976452G	-52.83	1

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

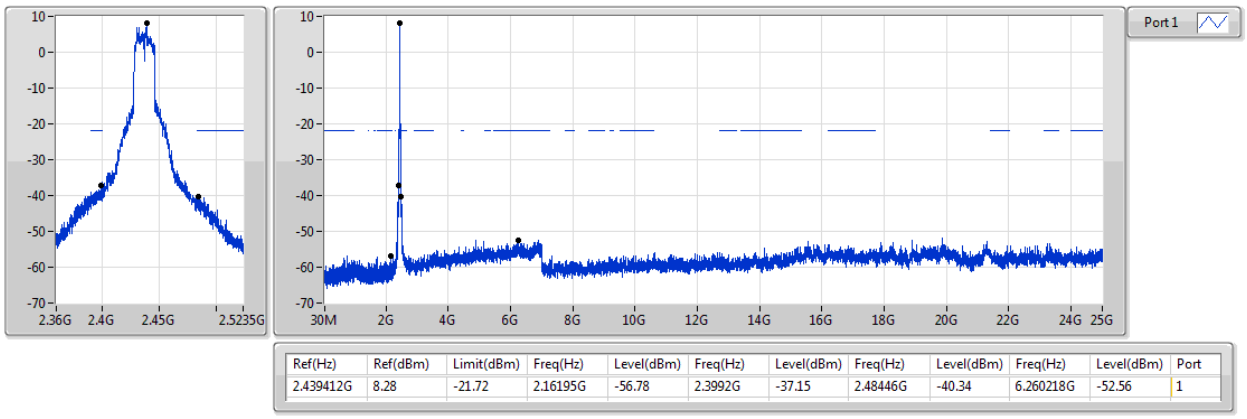
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.439412G	8.28	-21.72	2.30408G	-57.18	2.39952G	-26.45	2.51246G	-52.38	6.951371G	-52.45	1

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

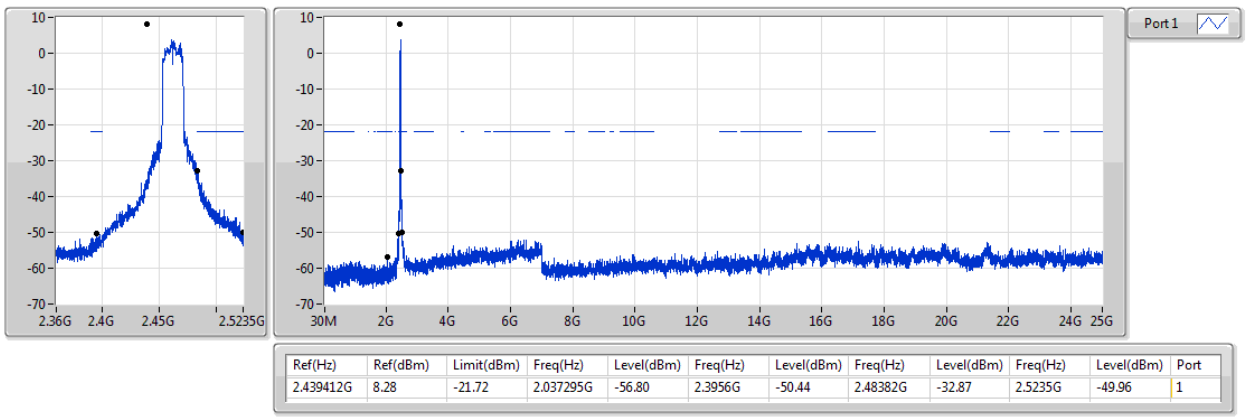
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.439412G	8.28	-21.72	2.16195G	-56.78	2.3992G	-37.15	2.48446G	-40.34	6.260218G	-52.56	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
2.439412G	8.28	-21.72	2.037295G	-56.80	2.3956G	-50.44	2.48382G	-32.87	2.5235G	-49.96	1

Summary

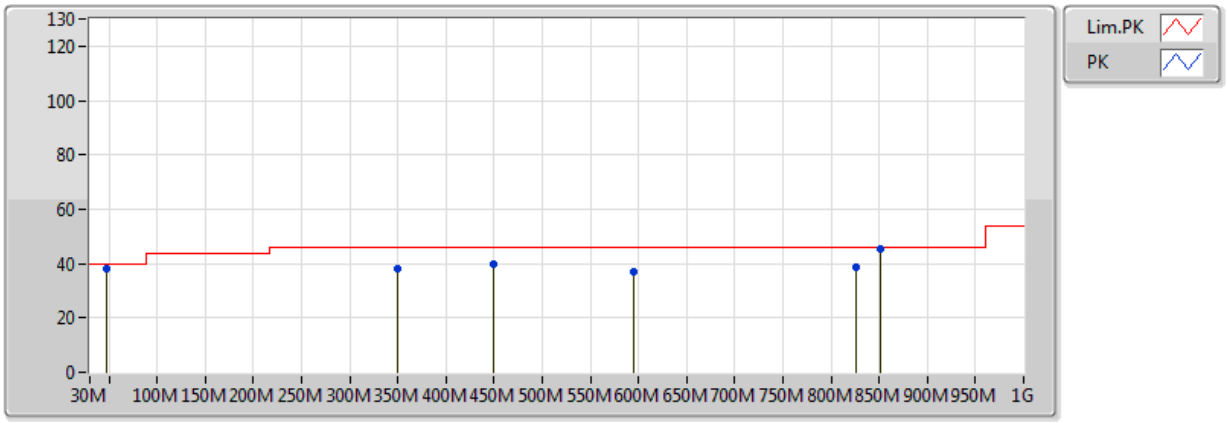
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11g_(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	QP	850.62M	45.17	46.00	-0.83	2.19	3	V	169	1.34	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11g_(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	142.52M	34.91	43.50	-8.59	-9.92	3	H	360	1.00	-
2437MHz	Pass	PK	237.58M	34.46	46.00	-11.54	-8.84	3	H	360	1.00	-
2437MHz	Pass	PK	449.04M	39.23	46.00	-6.77	-3.06	3	H	360	1.00	-
2437MHz	Pass	QP	650.8M	44.45	46.00	-1.55	-0.64	3	H	360	1.00	-
2437MHz	Pass	QP	749.74M	45.00	46.00	-1.00	0.77	3	H	360	1.00	-
2437MHz	Pass	QP	850.62M	44.28	46.00	-1.72	2.19	3	H	150	1.14	-
2437MHz	Pass	PK	350.1M	38.37	46.00	-7.63	-5.39	3	V	0	1.00	-
2437MHz	Pass	PK	449.04M	39.80	46.00	-6.20	-3.06	3	V	0	1.00	-
2437MHz	Pass	PK	594.54M	37.23	46.00	-8.77	-1.17	3	V	0	1.00	-
2437MHz	Pass	PK	825.4M	38.59	46.00	-7.41	1.65	3	V	0	1.00	-
2437MHz	Pass	QP	47.46M	38.34	40.00	-1.66	-12.67	3	V	145	1.15	-
2437MHz	Pass	QP	850.62M	45.17	46.00	-0.83	2.19	3	V	169	1.34	-

802.11g_(6Mbps)_1TX

2437MHz_PoE

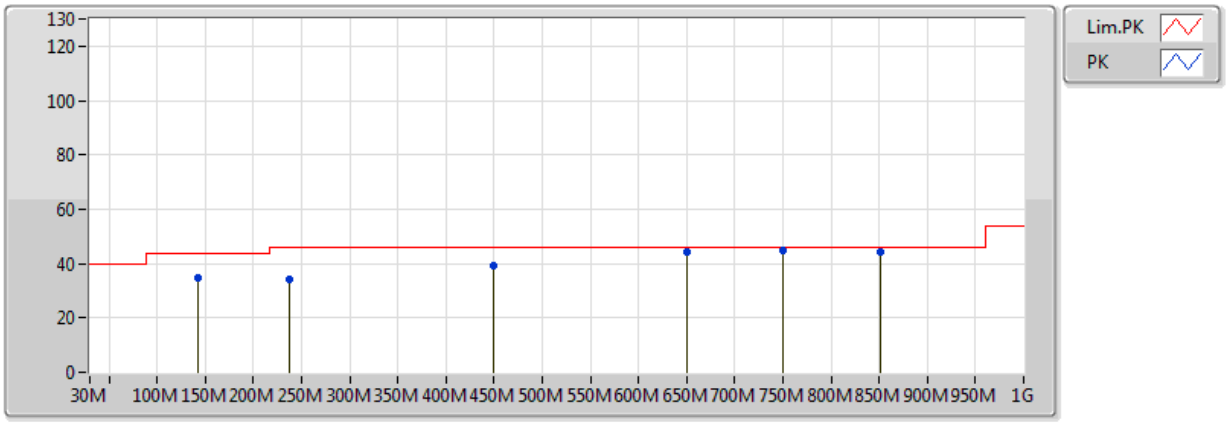


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	350.1M	38.37	46.00	-7.63	-5.39	3	V	0	1.00	-
PK	449.04M	39.80	46.00	-6.20	-3.06	3	V	0	1.00	-
PK	594.54M	37.23	46.00	-8.77	-1.17	3	V	0	1.00	-
PK	825.4M	38.59	46.00	-7.41	1.65	3	V	0	1.00	-
QP	47.46M	38.34	40.00	-1.66	-12.67	3	V	145	1.15	-
QP	850.62M	45.17	46.00	-0.83	2.19	3	V	169	1.34	-

802.11g_(6Mbps)_1TX

2437MHz_PoE



EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
QP	749.74M	45.00	46.00	-1.00	0.77	3	H	360	1.00	-
QP	650.8M	44.45	46.00	-1.55	-0.64	3	H	360	1.00	-
PK	449.04M	39.23	46.00	-6.77	-3.06	3	H	360	1.00	-
PK	142.52M	34.91	43.50	-8.59	-9.92	3	H	360	1.00	-
PK	237.58M	34.46	46.00	-11.54	-8.84	3	H	360	1.00	-
QP	850.62M	44.28	46.00	-1.72	2.19	3	H	150	1.14	-

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11b_(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	AV	2.483502G	53.89	54.00	-0.11	36.00	3	V	288	3.47	-

Result

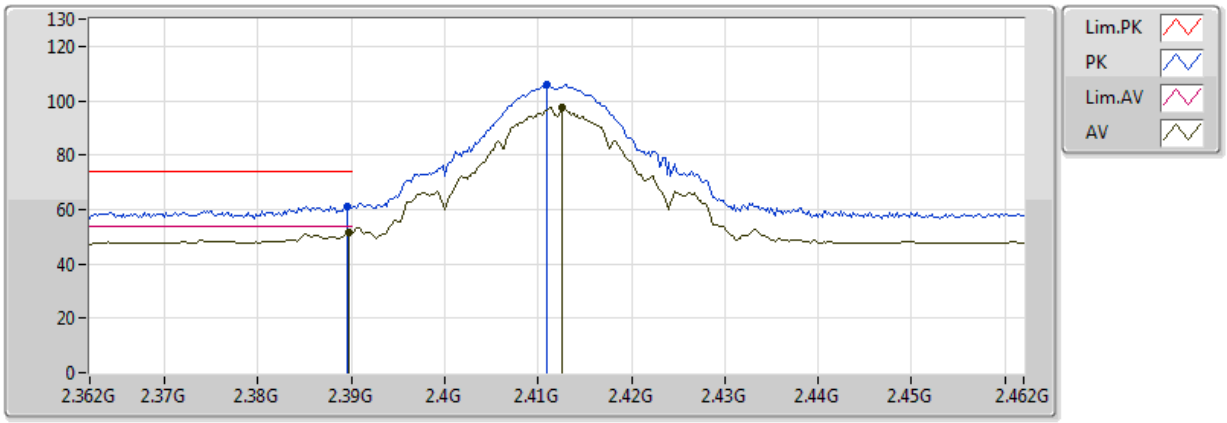
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11b_(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3898G	53.63	54.00	-0.37	35.81	3	H	11	3.54	-
2412MHz	Pass	AV	2.4112G	99.99	Inf	-Inf	35.85	3	H	11	3.54	-
2412MHz	Pass	AV	4.824G	45.91	54.00	-8.09	5.06	3	H	342	1.14	-
2412MHz	Pass	PK	2.385G	62.77	74.00	-11.23	35.80	3	H	11	3.54	-
2412MHz	Pass	PK	2.411G	108.29	Inf	-Inf	35.85	3	H	11	3.54	-
2412MHz	Pass	PK	4.824G	52.22	74.00	-21.78	5.06	3	H	342	1.14	-
2412MHz	Pass	AV	2.3898G	51.42	54.00	-2.58	35.81	3	V	278	3.20	-
2412MHz	Pass	AV	2.4126G	97.64	Inf	-Inf	35.86	3	V	278	3.20	-
2412MHz	Pass	AV	4.824G	40.27	54.00	-13.73	5.06	3	V	345	1.18	-
2412MHz	Pass	PK	2.3896G	61.34	74.00	-12.66	35.81	3	V	278	3.20	-
2412MHz	Pass	PK	2.411G	105.65	Inf	-Inf	35.85	3	V	278	3.20	-
2412MHz	Pass	PK	4.824G	49.62	74.00	-24.38	5.06	3	V	345	1.18	-
2437MHz	Pass	AV	2.389G	48.76	54.00	-5.24	35.81	3	H	16	3.07	-
2437MHz	Pass	AV	2.4362G	104.20	Inf	-Inf	35.90	3	H	16	3.07	-
2437MHz	Pass	AV	2.4846G	49.05	54.00	-4.95	36.00	3	H	16	3.07	-
2437MHz	Pass	AV	4.874G	43.27	54.00	-10.73	5.07	3	H	333	1.07	-
2437MHz	Pass	PK	2.3602G	59.97	74.00	-14.03	35.75	3	H	16	3.07	-
2437MHz	Pass	PK	2.4378G	107.98	Inf	-Inf	35.91	3	H	16	3.07	-
2437MHz	Pass	PK	2.4878G	60.88	74.00	-13.12	36.01	3	H	16	3.07	-
2437MHz	Pass	PK	4.874G	50.56	74.00	-23.44	5.07	3	H	333	1.07	-
2437MHz	Pass	AV	2.3894G	48.00	54.00	-6.00	35.81	3	V	280	2.79	-
2437MHz	Pass	AV	2.4362G	100.72	Inf	-Inf	35.90	3	V	280	2.79	-
2437MHz	Pass	AV	2.485G	48.26	54.00	-5.74	36.00	3	V	280	2.79	-
2437MHz	Pass	AV	4.874G	38.38	54.00	-15.62	5.07	3	V	274	1.91	-
2437MHz	Pass	PK	2.3786G	59.22	74.00	-14.78	35.79	3	V	280	2.79	-
2437MHz	Pass	PK	2.4362G	104.45	Inf	-Inf	35.90	3	V	280	2.79	-
2437MHz	Pass	PK	2.4838G	60.16	74.00	-13.84	36.00	3	V	280	2.79	-
2437MHz	Pass	PK	4.874G	49.15	74.00	-24.85	5.07	3	V	274	1.91	-
2462MHz	Pass	AV	2.4612G	102.35	Inf	-Inf	35.95	3	H	9	3.13	-
2462MHz	Pass	AV	2.483502G	53.84	54.00	-0.16	36.00	3	H	9	3.13	-
2462MHz	Pass	AV	4.924G	36.34	54.00	-17.66	5.09	3	H	304	1.05	-
2462MHz	Pass	PK	2.461G	106.14	Inf	-Inf	35.95	3	H	9	3.13	-
2462MHz	Pass	PK	2.4856G	62.09	74.00	-11.91	36.00	3	H	9	3.13	-
2462MHz	Pass	PK	4.924G	47.22	74.00	-26.78	5.09	3	H	304	1.05	-
2462MHz	Pass	AV	2.4612G	101.13	Inf	-Inf	35.95	3	V	288	3.47	-
2462MHz	Pass	AV	2.483502G	53.89	54.00	-0.11	36.00	3	V	288	3.47	-
2462MHz	Pass	AV	4.924G	38.79	54.00	-15.21	5.09	3	V	43	1.11	-
2462MHz	Pass	PK	2.4612G	104.79	Inf	-Inf	35.95	3	V	288	3.47	-
2462MHz	Pass	PK	2.4842G	61.29	74.00	-12.71	36.00	3	V	288	3.47	-
2462MHz	Pass	PK	4.924G	48.70	74.00	-25.30	5.09	3	V	43	1.11	-
802.11g_(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	52.50	54.00	-1.50	35.81	3	H	15	3.55	-
2412MHz	Pass	AV	2.411G	96.47	Inf	-Inf	35.85	3	H	15	3.55	-
2412MHz	Pass	AV	4.824G	35.62	54.00	-18.38	5.06	3	H	341	1.04	-
2412MHz	Pass	PK	2.39G	68.64	74.00	-5.36	35.81	3	H	15	3.55	-
2412MHz	Pass	PK	2.411G	106.71	Inf	-Inf	35.85	3	H	15	3.55	-
2412MHz	Pass	PK	4.824G	47.36	74.00	-26.64	5.06	3	H	341	1.04	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	AV	2.39G	51.08	54.00	-2.92	35.81	3	V	282	3.20	-
2412MHz	Pass	AV	2.411G	93.82	Inf	-Inf	35.85	3	V	282	3.20	-
2412MHz	Pass	AV	4.824G	33.22	54.00	-20.78	5.06	3	V	160	1.50	-
2412MHz	Pass	PK	2.39G	65.93	74.00	-8.07	35.81	3	V	282	3.20	-
2412MHz	Pass	PK	2.4136G	103.80	Inf	-Inf	35.86	3	V	282	3.20	-
2412MHz	Pass	PK	4.824G	47.59	74.00	-26.41	5.06	3	V	160	1.50	-
2437MHz	Pass	AV	2.389998G	50.20	54.00	-3.80	35.81	3	H	14	3.08	-
2437MHz	Pass	AV	2.4378G	98.76	Inf	-Inf	35.91	3	H	14	3.08	-
2437MHz	Pass	AV	2.4846G	49.74	54.00	-4.26	36.00	3	H	14	3.08	-
2437MHz	Pass	AV	4.824G	35.68	54.00	-18.32	5.06	3	H	346	1.06	-
2437MHz	Pass	PK	2.3878G	62.45	74.00	-11.55	35.81	3	H	14	3.08	-
2437MHz	Pass	PK	2.437G	109.52	Inf	-Inf	35.90	3	H	14	3.08	-
2437MHz	Pass	PK	2.4862G	62.92	74.00	-11.08	36.00	3	H	14	3.08	-
2437MHz	Pass	PK	4.824G	48.02	74.00	-25.98	5.06	3	H	346	1.06	-
2437MHz	Pass	AV	2.389998G	49.43	54.00	-4.57	35.81	3	V	288	3.35	-
2437MHz	Pass	AV	2.4382G	95.18	Inf	-Inf	35.91	3	V	288	3.35	-
2437MHz	Pass	AV	2.4838G	49.15	54.00	-4.85	36.00	3	V	288	3.35	-
2437MHz	Pass	AV	4.824G	33.28	54.00	-20.72	5.06	3	V	38	2.06	-
2437MHz	Pass	PK	2.389G	61.92	74.00	-12.08	35.81	3	V	288	3.35	-
2437MHz	Pass	PK	2.437G	105.87	Inf	-Inf	35.90	3	V	288	3.35	-
2437MHz	Pass	PK	2.483502G	62.32	74.00	-11.68	36.00	3	V	288	3.35	-
2437MHz	Pass	PK	4.824G	46.73	74.00	-27.27	5.06	3	V	38	2.06	-
2462MHz	Pass	AV	2.4626G	93.40	Inf	-Inf	35.96	3	H	0	2.84	-
2462MHz	Pass	AV	2.483502G	53.05	54.00	-0.95	36.00	3	H	0	2.84	-
2462MHz	Pass	AV	4.924G	34.50	54.00	-19.50	5.09	3	H	360	1.50	-
2462MHz	Pass	PK	2.4618G	103.80	Inf	-Inf	35.95	3	H	0	2.84	-
2462MHz	Pass	PK	2.483502G	70.45	74.00	-3.55	36.00	3	H	0	2.84	-
2462MHz	Pass	PK	4.924G	47.77	74.00	-26.23	5.09	3	H	360	1.50	-
2462MHz	Pass	AV	2.4614G	92.54	Inf	-Inf	35.95	3	V	291	3.40	-
2462MHz	Pass	AV	2.483502G	50.74	54.00	-3.26	36.00	3	V	291	3.40	-
2462MHz	Pass	AV	4.924G	32.89	54.00	-21.11	5.09	3	V	0	1.50	-
2462MHz	Pass	PK	2.462G	104.95	Inf	-Inf	35.95	3	V	291	3.40	-
2462MHz	Pass	PK	2.4838G	66.42	74.00	-7.58	36.00	3	V	291	3.40	-
2462MHz	Pass	PK	4.924G	46.86	74.00	-27.14	5.09	3	V	0	1.50	-
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	52.02	54.00	-1.98	35.81	3	H	7	3.56	-
2412MHz	Pass	AV	2.4112G	95.71	Inf	-Inf	35.85	3	H	7	3.56	-
2412MHz	Pass	AV	4.824G	34.57	54.00	-19.43	5.06	3	H	360	1.50	-
2412MHz	Pass	PK	2.3888G	69.49	74.00	-4.51	35.81	3	H	7	3.56	-
2412MHz	Pass	PK	2.4102G	106.43	Inf	-Inf	35.85	3	H	7	3.56	-
2412MHz	Pass	PK	4.824G	47.81	74.00	-26.19	5.06	3	H	360	1.50	-
2412MHz	Pass	AV	2.39G	53.62	54.00	-0.38	35.81	3	V	301	3.01	-
2412MHz	Pass	AV	2.4112G	87.92	Inf	-Inf	35.85	3	V	301	3.01	-
2412MHz	Pass	AV	4.824G	32.79	54.00	-21.21	5.06	3	V	0	1.50	-
2412MHz	Pass	PK	2.3888G	71.20	74.00	-2.80	35.81	3	V	301	3.01	-
2412MHz	Pass	PK	2.412G	98.31	Inf	-Inf	35.85	3	V	301	3.01	-
2412MHz	Pass	PK	4.824G	47.02	74.00	-26.98	5.06	3	V	0	1.50	-
2437MHz	Pass	AV	2.389998G	50.49	54.00	-3.51	35.81	3	H	353	2.89	-
2437MHz	Pass	AV	2.4382G	96.02	Inf	-Inf	35.91	3	H	353	2.89	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	AV	2.485G	49.45	54.00	-4.55	36.00	3	H	353	2.89	-
2437MHz	Pass	AV	4.874G	33.70	54.00	-20.30	5.07	3	H	360	1.50	-
2437MHz	Pass	PK	2.389998G	63.67	74.00	-10.33	35.81	3	H	353	2.89	-
2437MHz	Pass	PK	2.437G	106.52	Inf	-Inf	35.90	3	H	353	2.89	-
2437MHz	Pass	PK	2.4886G	63.83	74.00	-10.17	36.01	3	H	353	2.89	-
2437MHz	Pass	PK	4.874G	46.89	74.00	-27.11	5.07	3	H	360	1.50	-
2437MHz	Pass	AV	2.3878G	48.60	54.00	-5.40	35.81	3	V	291	3.28	-
2437MHz	Pass	AV	2.4378G	94.97	Inf	-Inf	35.91	3	V	291	3.28	-
2437MHz	Pass	AV	2.4842G	48.55	54.00	-5.45	36.00	3	V	291	3.28	-
2437MHz	Pass	AV	4.874G	32.63	54.00	-21.37	5.07	3	V	0	1.50	-
2437MHz	Pass	PK	2.3806G	60.74	74.00	-13.26	35.79	3	V	291	3.28	-
2437MHz	Pass	PK	2.4374G	105.30	Inf	-Inf	35.90	3	V	291	3.28	-
2437MHz	Pass	PK	2.4986G	61.27	74.00	-12.73	36.03	3	V	291	3.28	-
2437MHz	Pass	PK	4.874G	46.69	74.00	-27.31	5.07	3	V	0	1.50	-
2462MHz	Pass	AV	2.4612G	93.76	Inf	-Inf	35.95	3	H	356	3.59	-
2462MHz	Pass	AV	2.483502G	53.04	54.00	-0.96	36.00	3	H	356	3.59	-
2462MHz	Pass	AV	4.924G	34.24	54.00	-19.76	5.09	3	H	360	1.50	-
2462MHz	Pass	PK	2.4642G	104.56	Inf	-Inf	35.96	3	H	356	3.59	-
2462MHz	Pass	PK	2.4844G	71.49	74.00	-2.51	36.00	3	H	356	3.59	-
2462MHz	Pass	PK	4.924G	48.09	74.00	-25.91	5.09	3	H	360	1.50	-
2462MHz	Pass	AV	2.4628G	91.81	Inf	-Inf	35.96	3	V	274	3.47	-
2462MHz	Pass	AV	2.483502G	52.30	54.00	-1.70	36.00	3	V	274	3.47	-
2462MHz	Pass	AV	4.924G	33.22	54.00	-20.78	5.09	3	V	0	1.50	-
2462MHz	Pass	PK	2.4614G	102.37	Inf	-Inf	35.95	3	V	274	3.47	-
2462MHz	Pass	PK	2.4836G	70.65	74.00	-3.35	36.00	3	V	274	3.47	-
2462MHz	Pass	PK	4.924G	47.53	74.00	-26.47	5.09	3	V	0	1.50	-

802.11b_(1Mbps)_1TX

2412MHz_TX

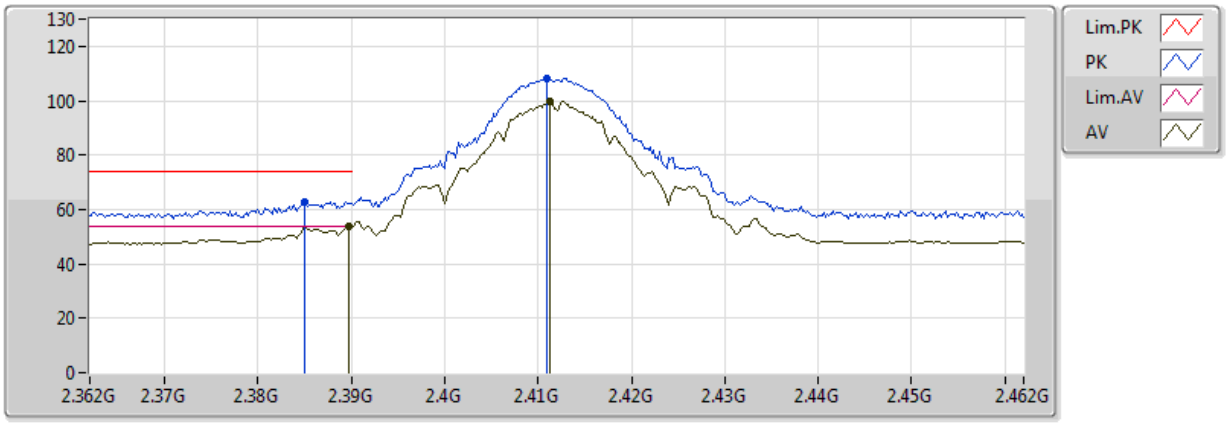


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3898G	51.42	54.00	-2.58	35.81	3	V	278	3.20	-
AV	2.4126G	97.64	Inf	-Inf	35.86	3	V	278	3.20	-
PK	2.3896G	61.34	74.00	-12.66	35.81	3	V	278	3.20	-
PK	2.411G	105.65	Inf	-Inf	35.85	3	V	278	3.20	-

802.11b_(1Mbps)_1TX

2412MHz_TX

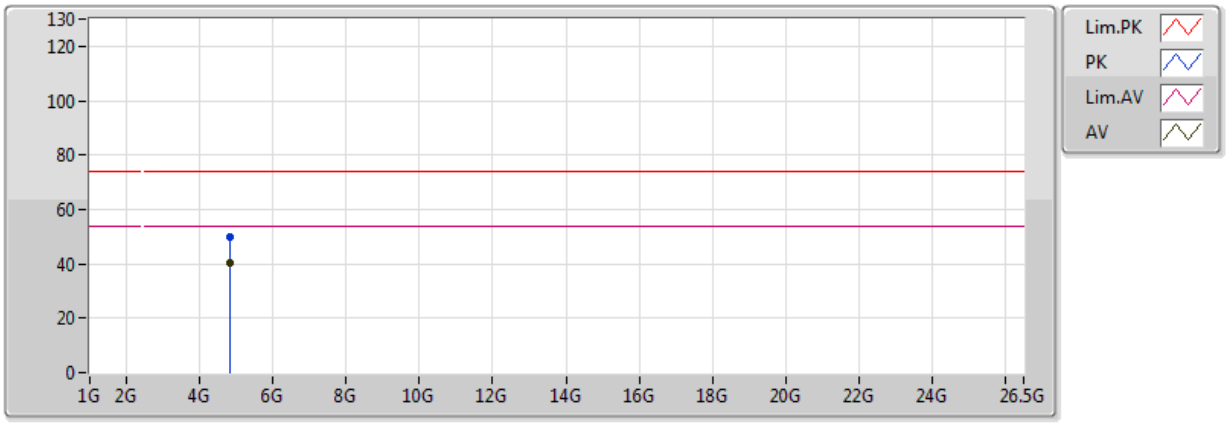


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3898G	53.63	54.00	-0.37	35.81	3	H	11	3.54	-
AV	2.4112G	99.99	Inf	-Inf	35.85	3	H	11	3.54	-
PK	2.385G	62.77	74.00	-11.23	35.80	3	H	11	3.54	-
PK	2.411G	108.29	Inf	-Inf	35.85	3	H	11	3.54	-

802.11b_(1Mbps)_1TX

2412MHz_TX

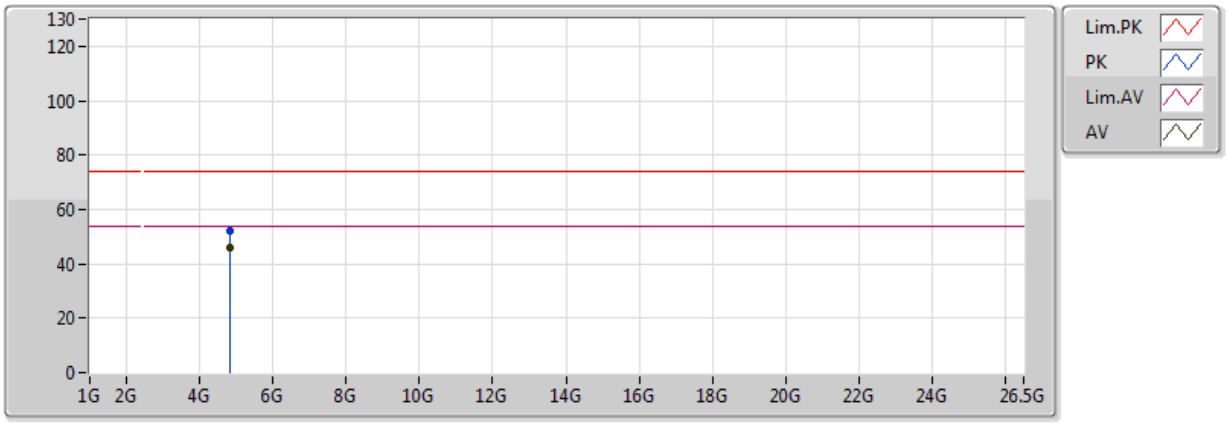


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.824G	40.27	54.00	-13.73	5.06	3	V	345	1.18	-
PK	4.824G	49.62	74.00	-24.38	5.06	3	V	345	1.18	-

802.11b_(1Mbps)_1TX

2412MHz_TX



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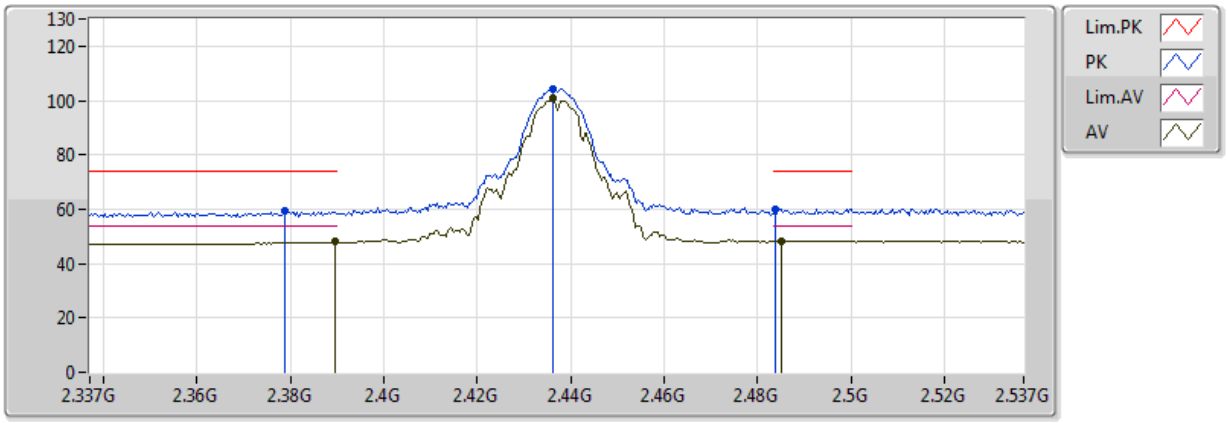
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.824G	45.91	54.00	-8.09	5.06	3	H	342	1.14	-
PK	4.824G	52.22	74.00	-21.78	5.06	3	H	342	1.14	-

802.11b_(1Mbps)_1TX

2437MHz_TX



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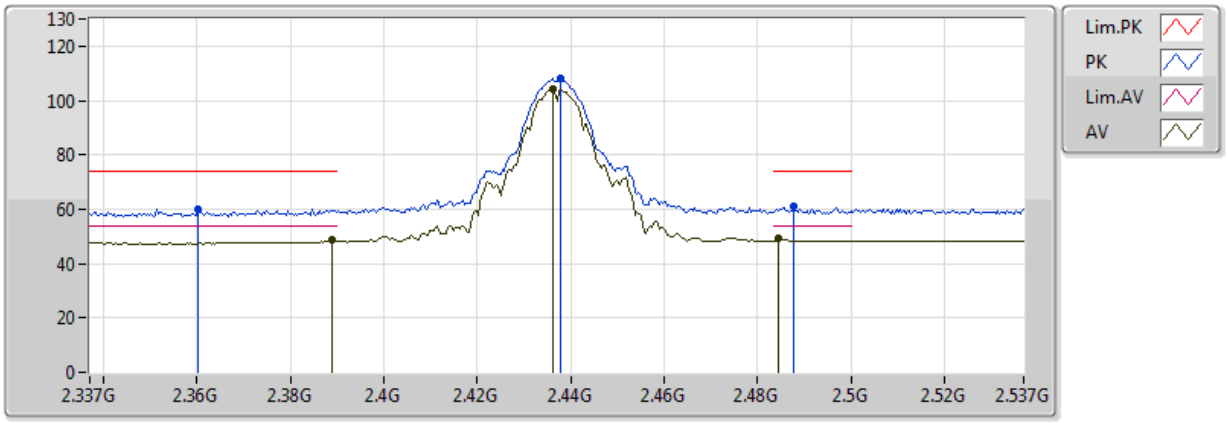
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3894G	48.00	54.00	-6.00	35.81	3	V	280	2.79	-
AV	2.4362G	100.72	Inf	-Inf	35.90	3	V	280	2.79	-
AV	2.485G	48.26	54.00	-5.74	36.00	3	V	280	2.79	-
PK	2.3786G	59.22	74.00	-14.78	35.79	3	V	280	2.79	-
PK	2.4362G	104.45	Inf	-Inf	35.90	3	V	280	2.79	-
PK	2.4838G	60.16	74.00	-13.84	36.00	3	V	280	2.79	-

802.11b_(1Mbps)_1TX

2437MHz_TX



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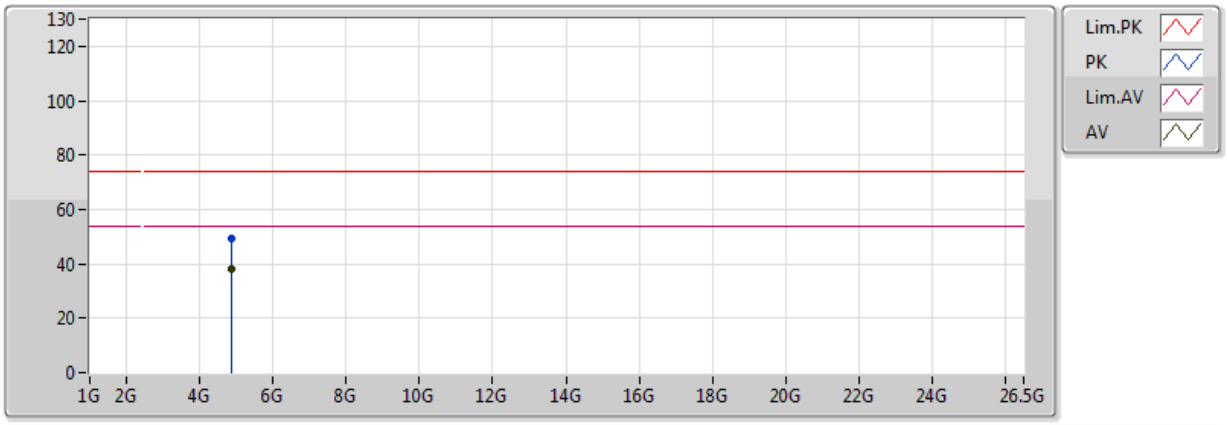
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.389G	48.76	54.00	-5.24	35.81	3	H	16	3.07	-
AV	2.4362G	104.20	Inf	-Inf	35.90	3	H	16	3.07	-
AV	2.4846G	49.05	54.00	-4.95	36.00	3	H	16	3.07	-
PK	2.3602G	59.97	74.00	-14.03	35.75	3	H	16	3.07	-
PK	2.4378G	107.98	Inf	-Inf	35.91	3	H	16	3.07	-
PK	2.4878G	60.88	74.00	-13.12	36.01	3	H	16	3.07	-

802.11b_(1Mbps)_1TX

2437MHz_TX



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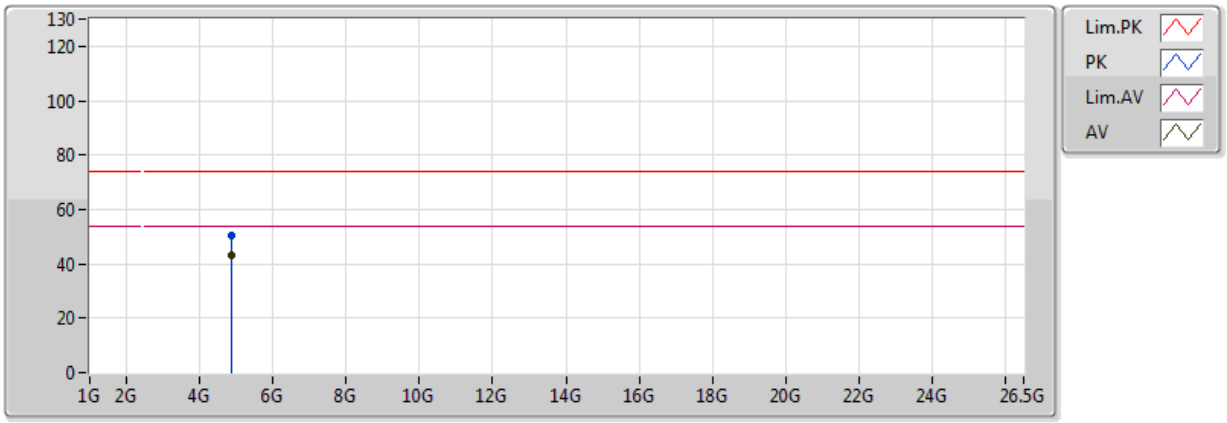
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.874G	38.38	54.00	-15.62	5.07	3	V	274	1.91	-
PK	4.874G	49.15	74.00	-24.85	5.07	3	V	274	1.91	-

802.11b_(1Mbps)_1TX

2437MHz_TX



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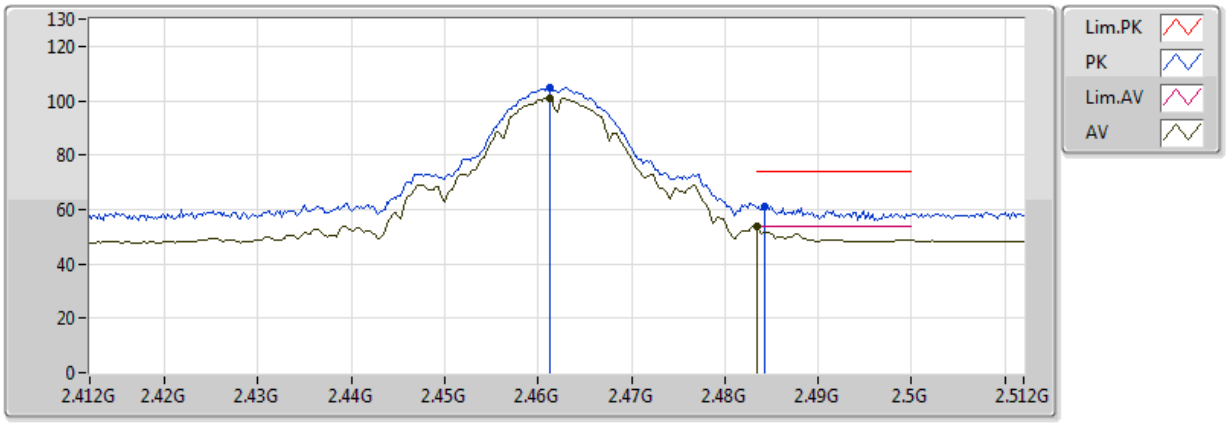
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.874G	43.27	54.00	-10.73	5.07	3	H	333	1.07	-
PK	4.874G	50.56	74.00	-23.44	5.07	3	H	333	1.07	-

802.11b_(1Mbps)_1TX

2462MHz_TX



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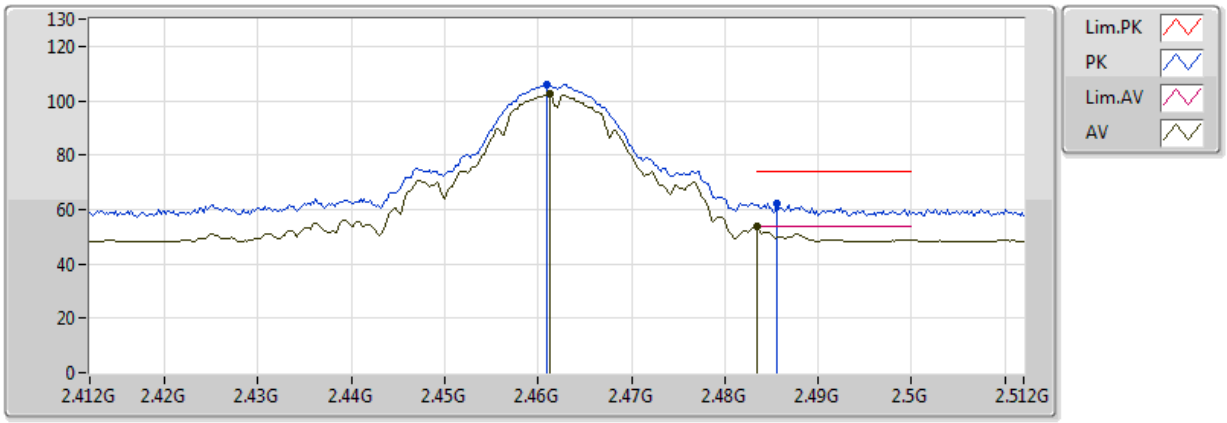
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.4612G	101.13	Inf	-Inf	35.95	3	V	288	3.47	-
AV	2.483502G	53.89	54.00	-0.11	36.00	3	V	288	3.47	-
PK	2.4612G	104.79	Inf	-Inf	35.95	3	V	288	3.47	-
PK	2.4842G	61.29	74.00	-12.71	36.00	3	V	288	3.47	-

802.11b_(1Mbps)_1TX

2462MHz_TX

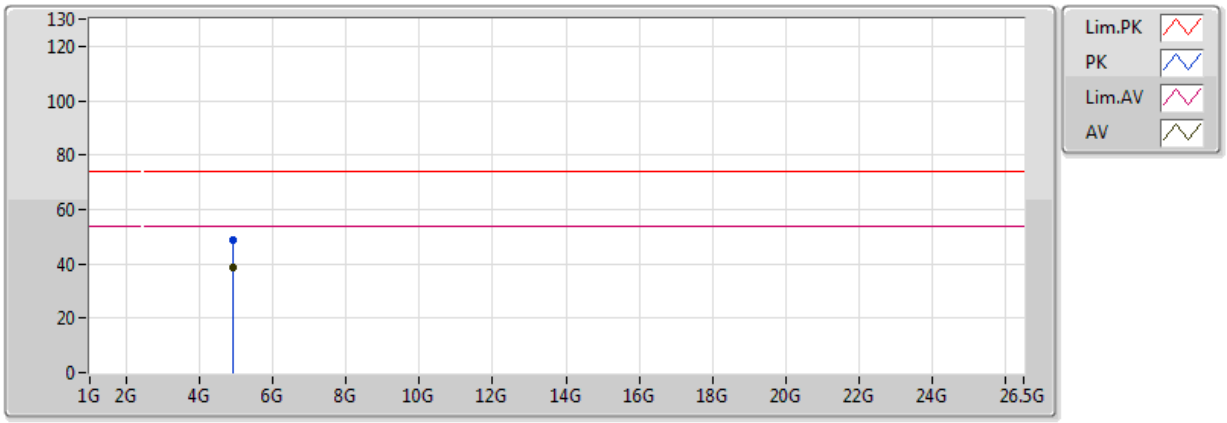


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.4612G	102.35	Inf	-Inf	35.95	3	H	9	3.13	-
AV	2.483502G	53.84	54.00	-0.16	36.00	3	H	9	3.13	-
PK	2.461G	106.14	Inf	-Inf	35.95	3	H	9	3.13	-
PK	2.4856G	62.09	74.00	-11.91	36.00	3	H	9	3.13	-

802.11b_(1Mbps)_1TX

2462MHz_TX

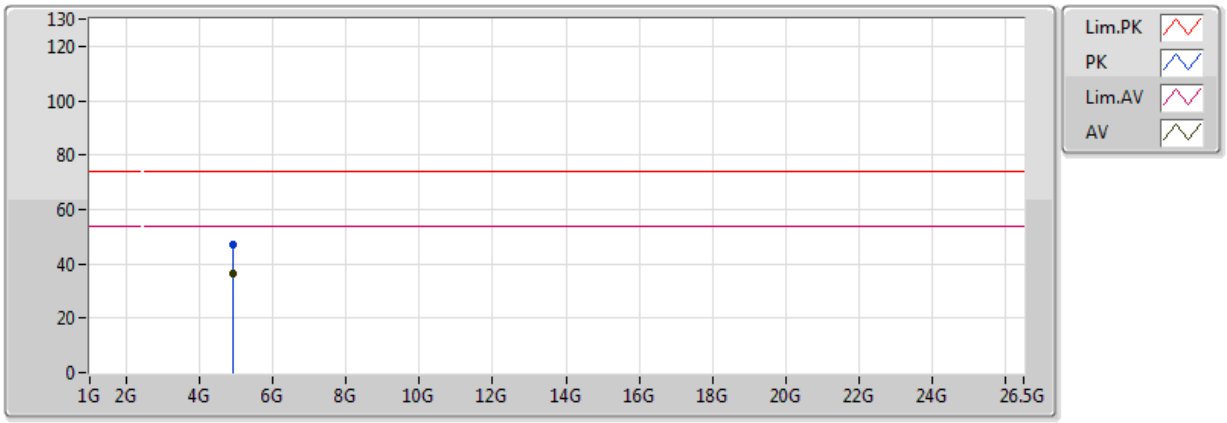


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.924G	38.79	54.00	-15.21	5.09	3	V	43	1.11	-
PK	4.924G	48.70	74.00	-25.30	5.09	3	V	43	1.11	-

802.11b_(1Mbps)_1TX

2462MHz_TX



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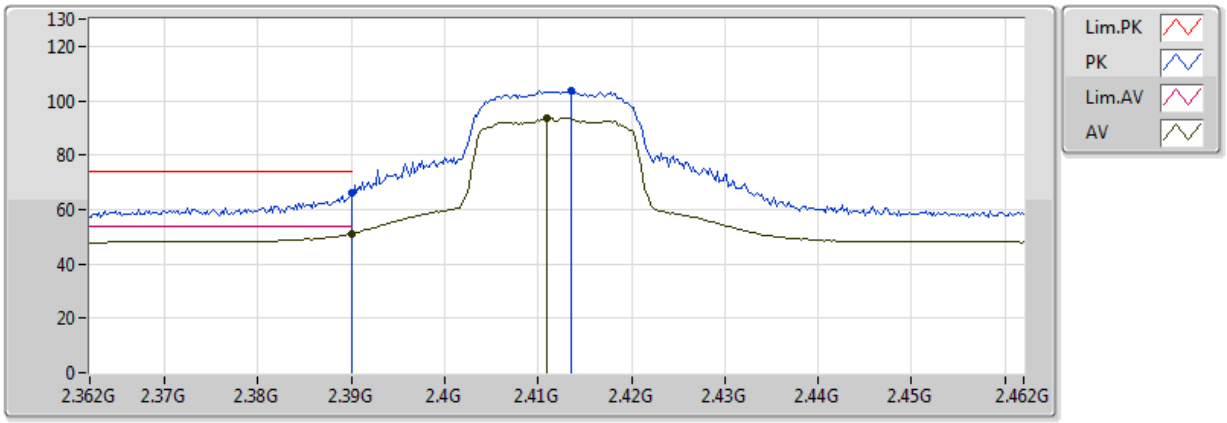
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.924G	36.34	54.00	-17.66	5.09	3	H	304	1.05	-
PK	4.924G	47.22	74.00	-26.78	5.09	3	H	304	1.05	-

802.11g_(6Mbps)_1TX

2412MHz_TX



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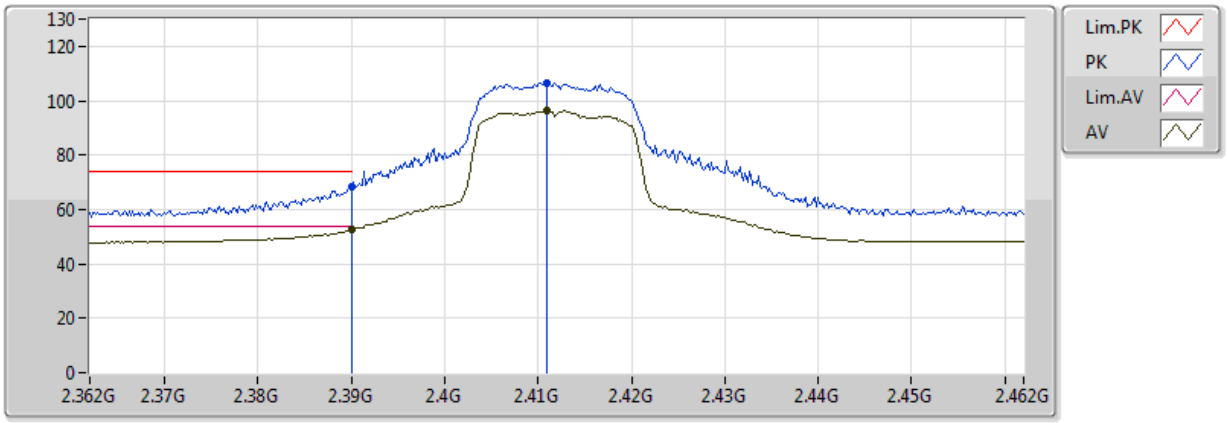
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.39G	51.08	54.00	-2.92	35.81	3	V	282	3.20	-
AV	2.411G	93.82	Inf	-Inf	35.85	3	V	282	3.20	-
PK	2.39G	65.93	74.00	-8.07	35.81	3	V	282	3.20	-
PK	2.4136G	103.80	Inf	-Inf	35.86	3	V	282	3.20	-

802.11g_(6Mbps)_1TX

2412MHz_TX

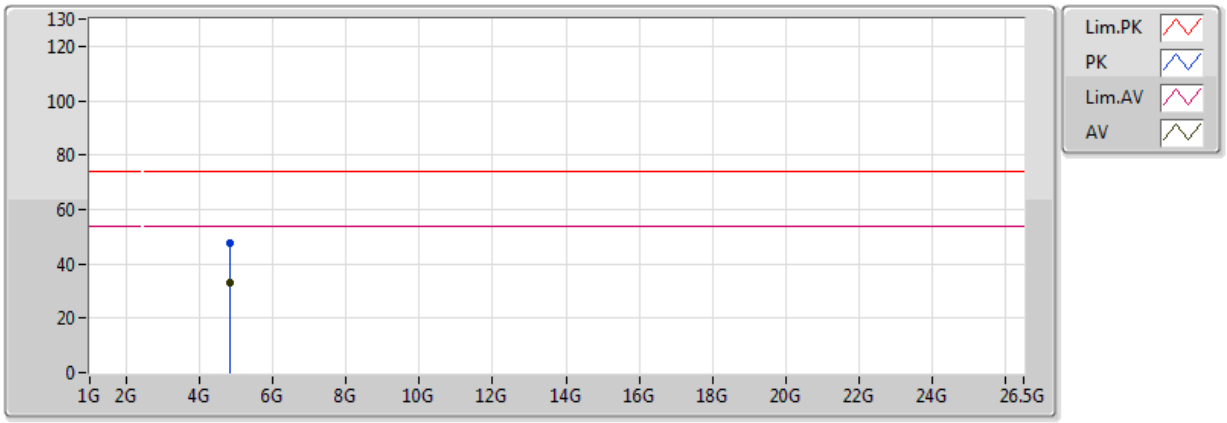


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.39G	52.50	54.00	-1.50	35.81	3	H	15	3.55	-
AV	2.411G	96.47	Inf	-Inf	35.85	3	H	15	3.55	-
PK	2.39G	68.64	74.00	-5.36	35.81	3	H	15	3.55	-
PK	2.411G	106.71	Inf	-Inf	35.85	3	H	15	3.55	-

802.11g_(6Mbps)_1TX

2412MHz_TX

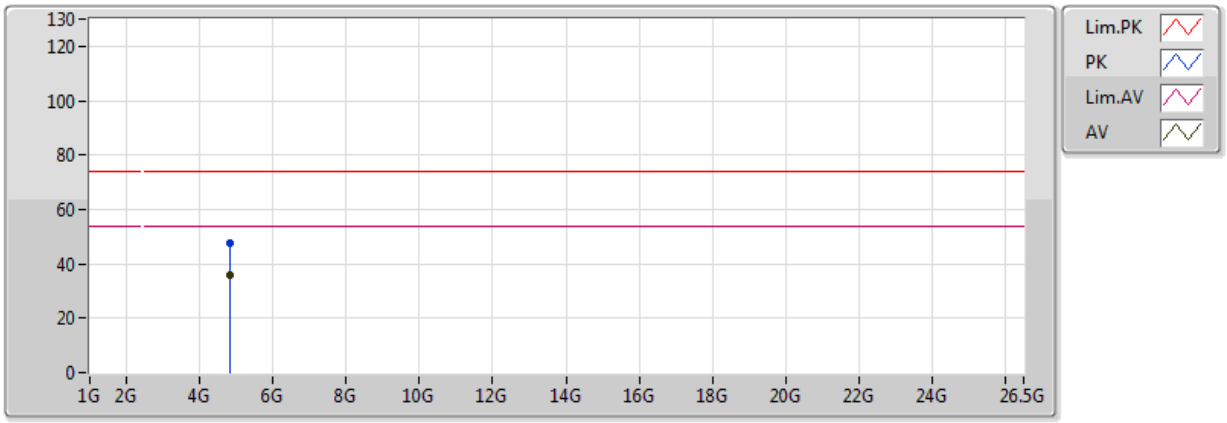


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.824G	33.22	54.00	-20.78	5.06	3	V	160	1.50	-
PK	4.824G	47.59	74.00	-26.41	5.06	3	V	160	1.50	-

802.11g_(6Mbps)_1TX

2412MHz_TX



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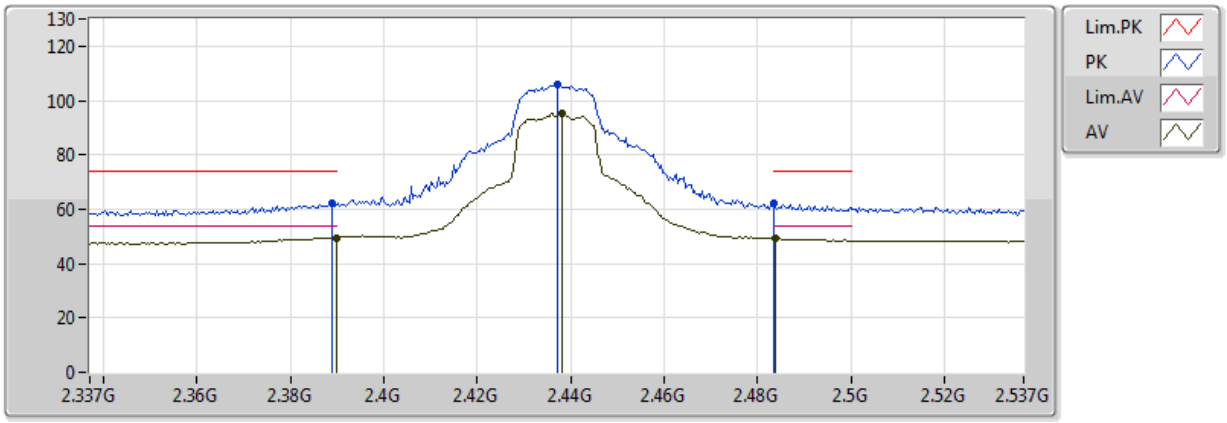
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.824G	35.62	54.00	-18.38	5.06	3	H	341	1.04	-
PK	4.824G	47.36	74.00	-26.64	5.06	3	H	341	1.04	-

802.11g_(6Mbps)_1TX

2437MHz_TX



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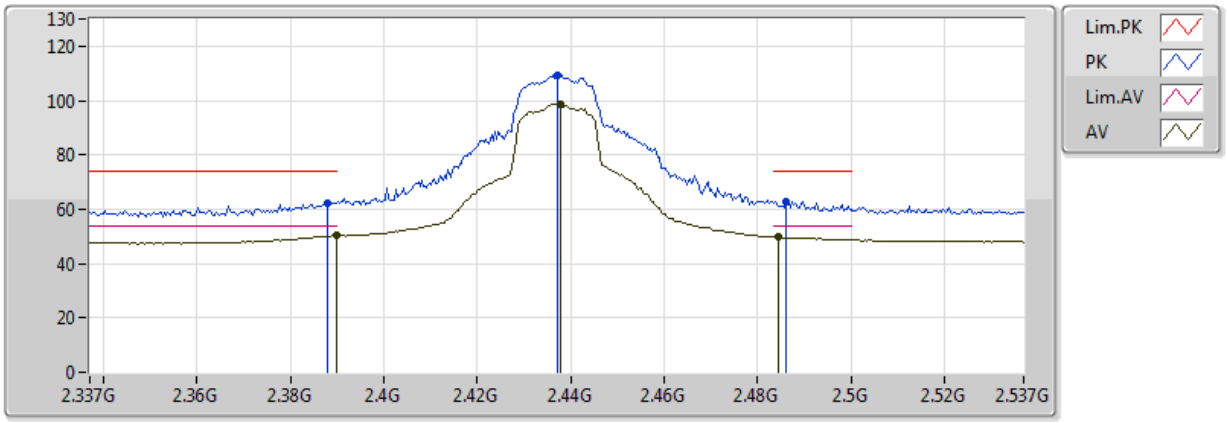
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.389998G	49.43	54.00	-4.57	35.81	3	V	288	3.35	-
AV	2.4382G	95.18	Inf	-Inf	35.91	3	V	288	3.35	-
AV	2.4838G	49.15	54.00	-4.85	36.00	3	V	288	3.35	-
PK	2.389G	61.92	74.00	-12.08	35.81	3	V	288	3.35	-
PK	2.437G	105.87	Inf	-Inf	35.90	3	V	288	3.35	-
PK	2.483502G	62.32	74.00	-11.68	36.00	3	V	288	3.35	-

802.11g_(6Mbps)_1TX

2437MHz_TX

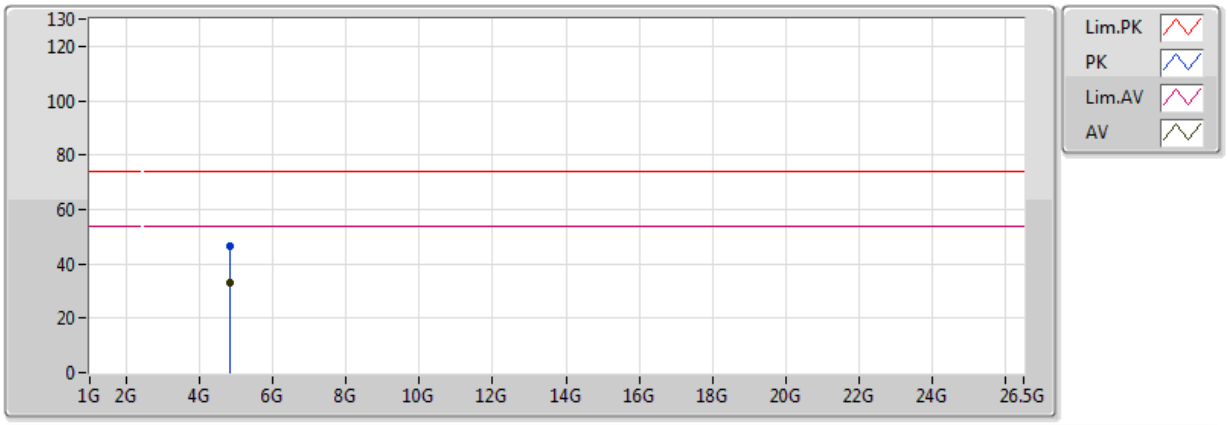


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.389998G	50.20	54.00	-3.80	35.81	3	H	14	3.08	-
AV	2.4378G	98.76	Inf	-Inf	35.91	3	H	14	3.08	-
AV	2.4846G	49.74	54.00	-4.26	36.00	3	H	14	3.08	-
PK	2.3878G	62.45	74.00	-11.55	35.81	3	H	14	3.08	-
PK	2.437G	109.52	Inf	-Inf	35.90	3	H	14	3.08	-
PK	2.4862G	62.92	74.00	-11.08	36.00	3	H	14	3.08	-

802.11g_(6Mbps)_1TX

2437MHz_TX

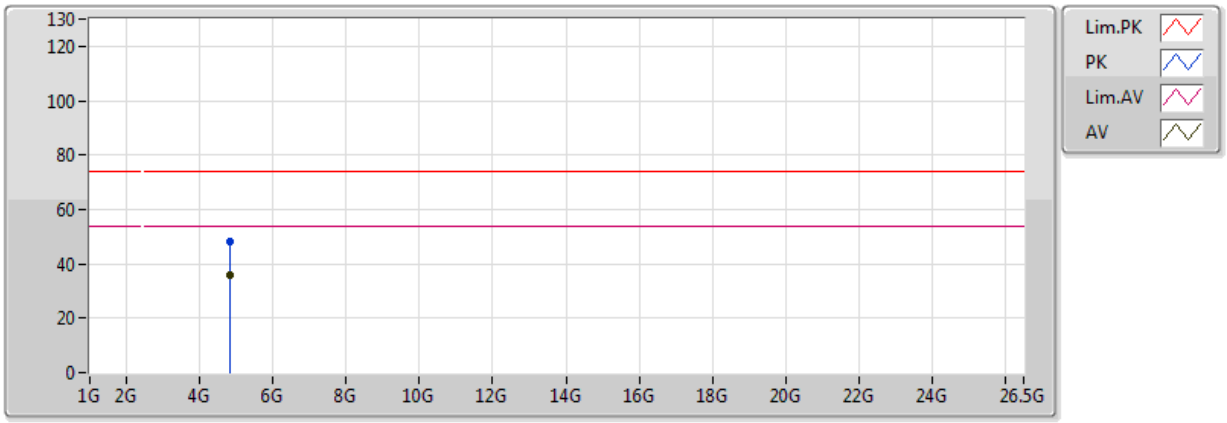


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.824G	33.28	54.00	-20.72	5.06	3	V	38	2.06	-
PK	4.824G	46.73	74.00	-27.27	5.06	3	V	38	2.06	-

802.11g_(6Mbps)_1TX

2437MHz_TX

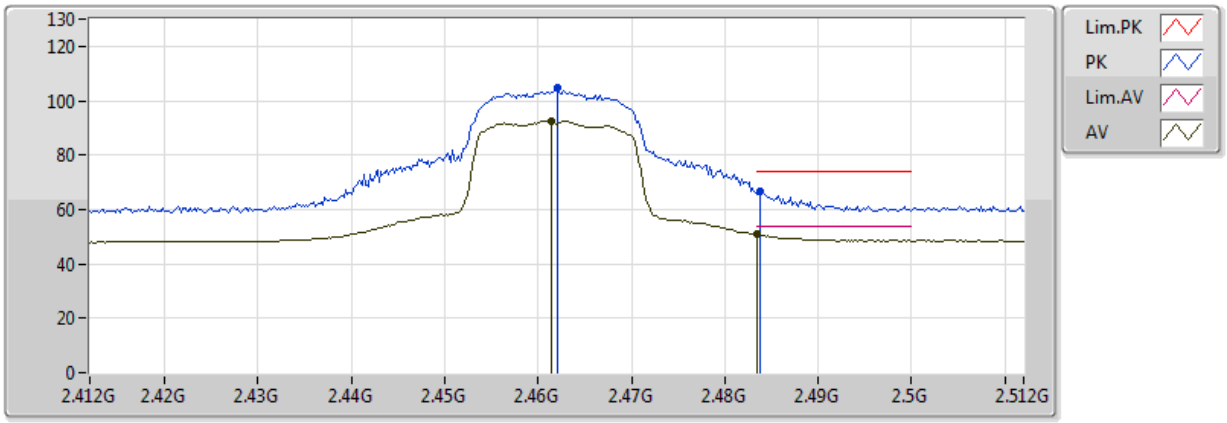


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.824G	35.68	54.00	-18.32	5.06	3	H	346	1.06	-
PK	4.824G	48.02	74.00	-25.98	5.06	3	H	346	1.06	-

802.11g_(6Mbps)_1TX

2462MHz_TX

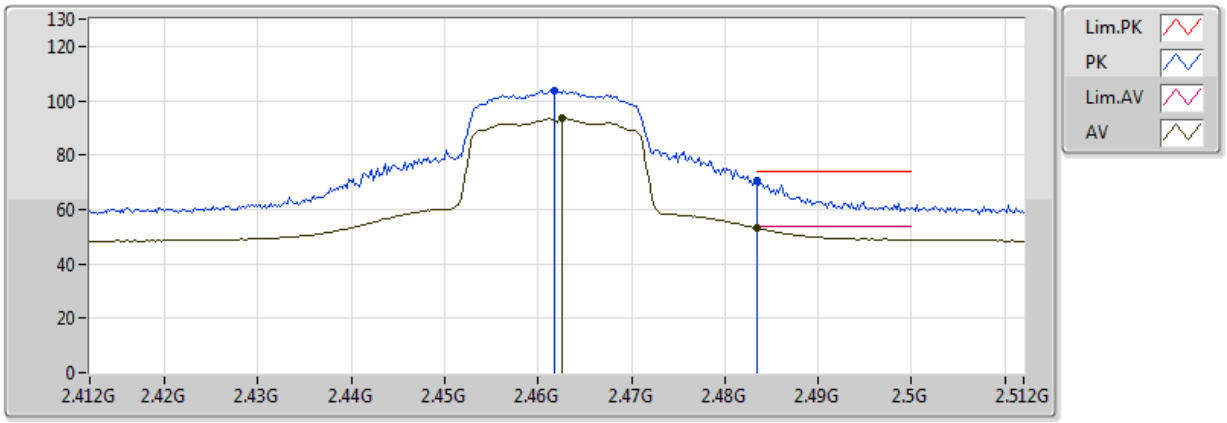


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.4614G	92.54	Inf	-Inf	35.95	3	V	291	3.40	-
AV	2.483502G	50.74	54.00	-3.26	36.00	3	V	291	3.40	-
PK	2.462G	104.95	Inf	-Inf	35.95	3	V	291	3.40	-
PK	2.4838G	66.42	74.00	-7.58	36.00	3	V	291	3.40	-

802.11g_(6Mbps)_1TX

2462MHz_TX

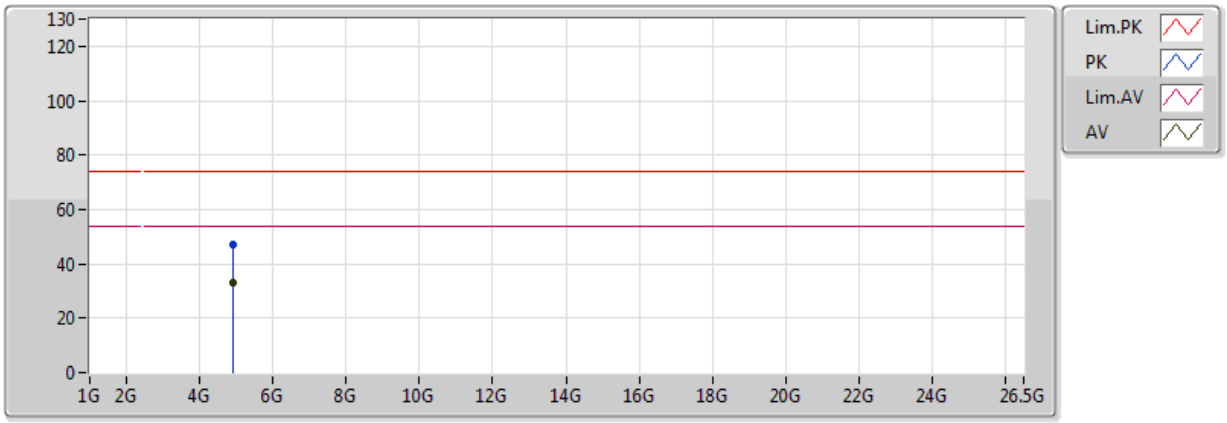


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.4626G	93.40	Inf	-Inf	35.96	3	H	0	2.84	-
AV	2.483502G	53.05	54.00	-0.95	36.00	3	H	0	2.84	-
PK	2.4618G	103.80	Inf	-Inf	35.95	3	H	0	2.84	-
PK	2.483502G	70.45	74.00	-3.55	36.00	3	H	0	2.84	-

802.11g_(6Mbps)_1TX

2462MHz_TX

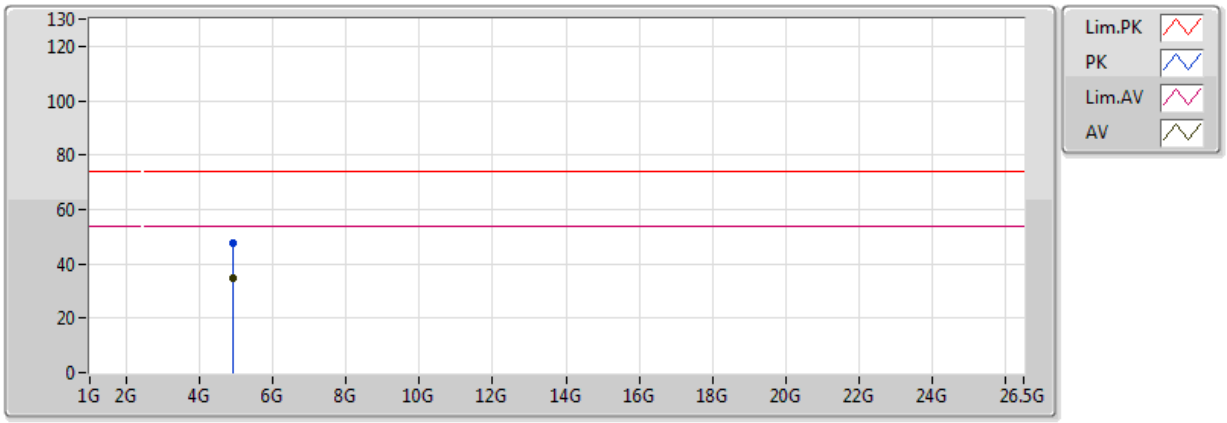


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.924G	32.89	54.00	-21.11	5.09	3	V	0	1.50	-
PK	4.924G	46.86	74.00	-27.14	5.09	3	V	0	1.50	-

802.11g_(6Mbps)_1TX

2462MHz_TX

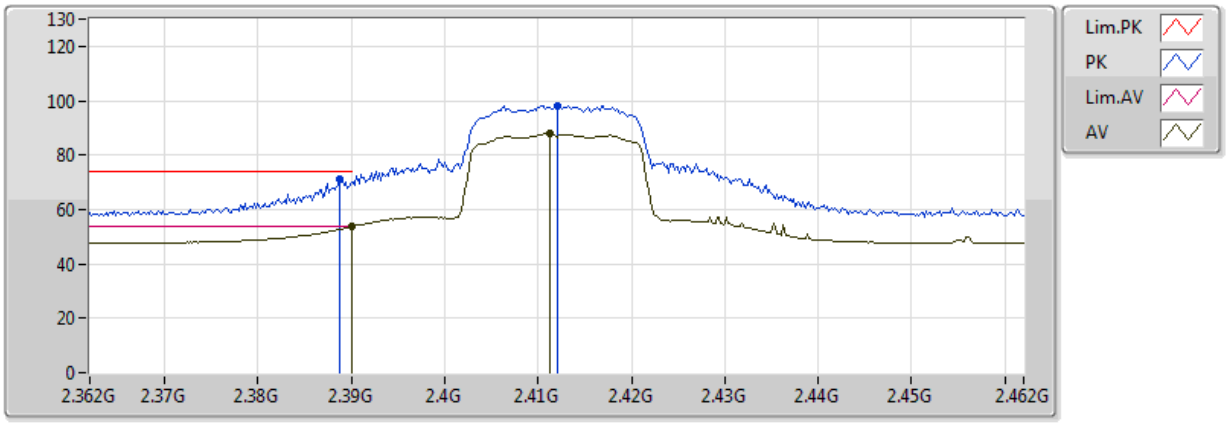


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.924G	34.50	54.00	-19.50	5.09	3	H	360	1.50	-
PK	4.924G	47.77	74.00	-26.23	5.09	3	H	360	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

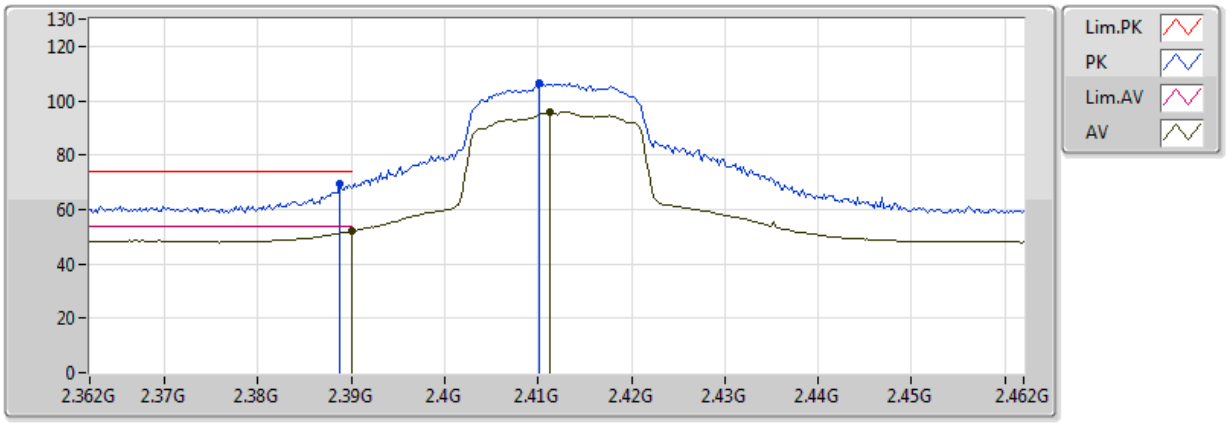


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.39G	53.62	54.00	-0.38	35.81	3	V	301	3.01	-
AV	2.4112G	87.92	Inf	-Inf	35.85	3	V	301	3.01	-
PK	2.3888G	71.20	74.00	-2.80	35.81	3	V	301	3.01	-
PK	2.412G	98.31	Inf	-Inf	35.85	3	V	301	3.01	-

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

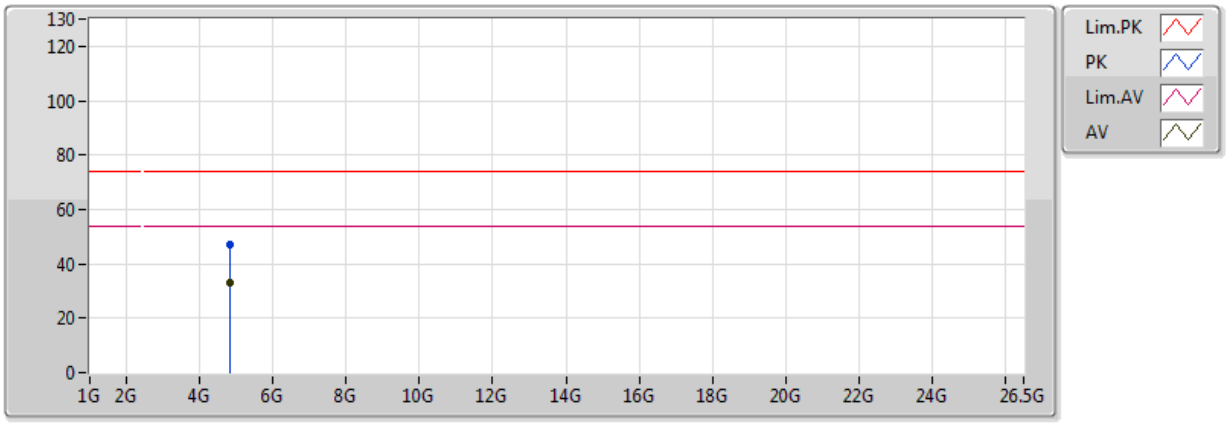


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.39G	52.02	54.00	-1.98	35.81	3	H	7	3.56	-
AV	2.4112G	95.71	Inf	-Inf	35.85	3	H	7	3.56	-
PK	2.3888G	69.49	74.00	-4.51	35.81	3	H	7	3.56	-
PK	2.4102G	106.43	Inf	-Inf	35.85	3	H	7	3.56	-

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

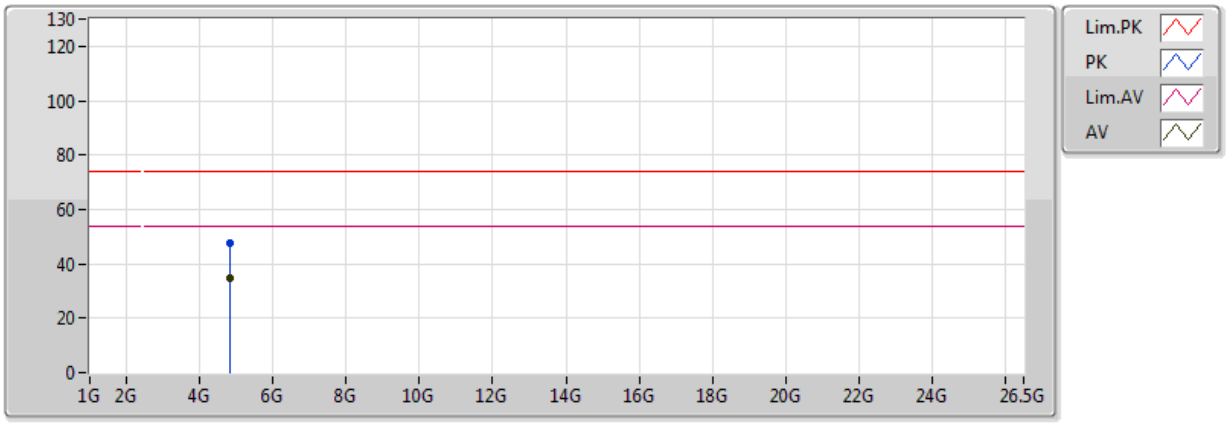


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.824G	32.79	54.00	-21.21	5.06	3	V	0	1.50	-
PK	4.824G	47.02	74.00	-26.98	5.06	3	V	0	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

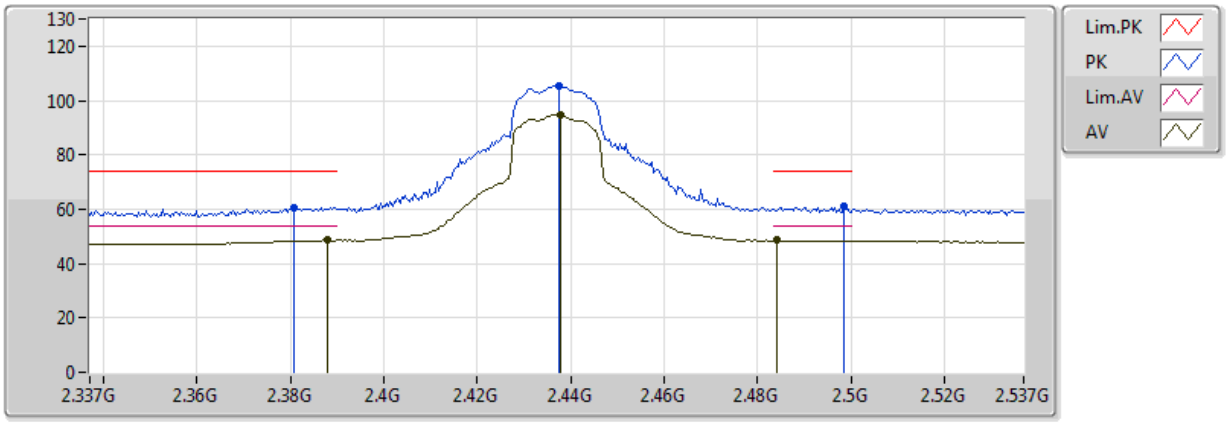


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.824G	34.57	54.00	-19.43	5.06	3	H	360	1.50	-
PK	4.824G	47.81	74.00	-26.19	5.06	3	H	360	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

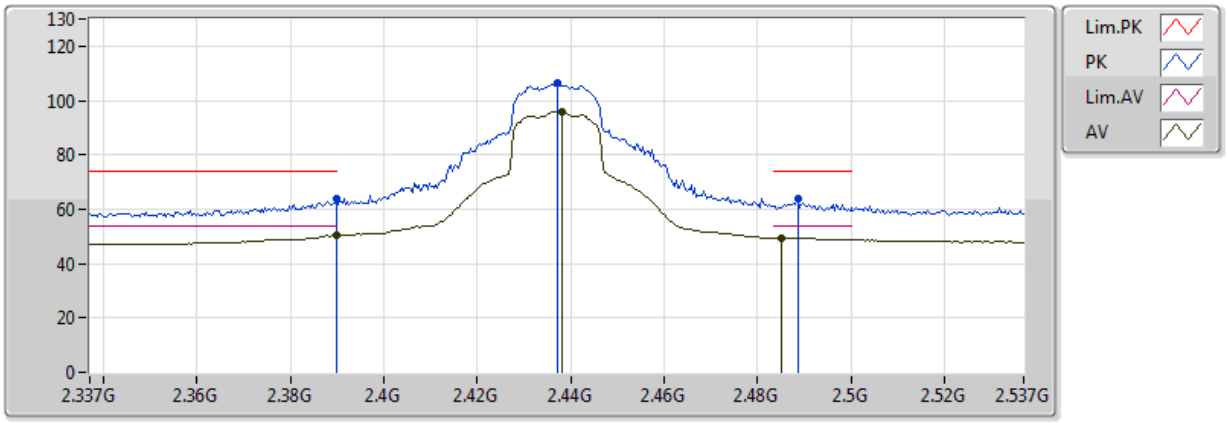


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3878G	48.60	54.00	-5.40	35.81	3	V	291	3.28	-
AV	2.4378G	94.97	Inf	-Inf	35.91	3	V	291	3.28	-
AV	2.4842G	48.55	54.00	-5.45	36.00	3	V	291	3.28	-
PK	2.3806G	60.74	74.00	-13.26	35.79	3	V	291	3.28	-
PK	2.4374G	105.30	Inf	-Inf	35.90	3	V	291	3.28	-
PK	2.4986G	61.27	74.00	-12.73	36.03	3	V	291	3.28	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

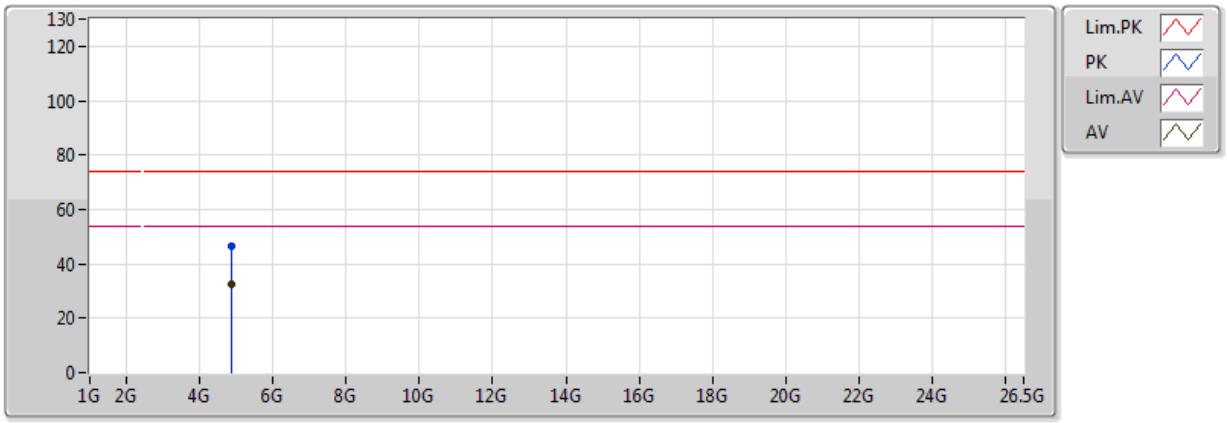


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.389998G	50.49	54.00	-3.51	35.81	3	H	353	2.89	-
AV	2.4382G	96.02	Inf	-Inf	35.91	3	H	353	2.89	-
AV	2.485G	49.45	54.00	-4.55	36.00	3	H	353	2.89	-
PK	2.389998G	63.67	74.00	-10.33	35.81	3	H	353	2.89	-
PK	2.437G	106.52	Inf	-Inf	35.90	3	H	353	2.89	-
PK	2.4886G	63.83	74.00	-10.17	36.01	3	H	353	2.89	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

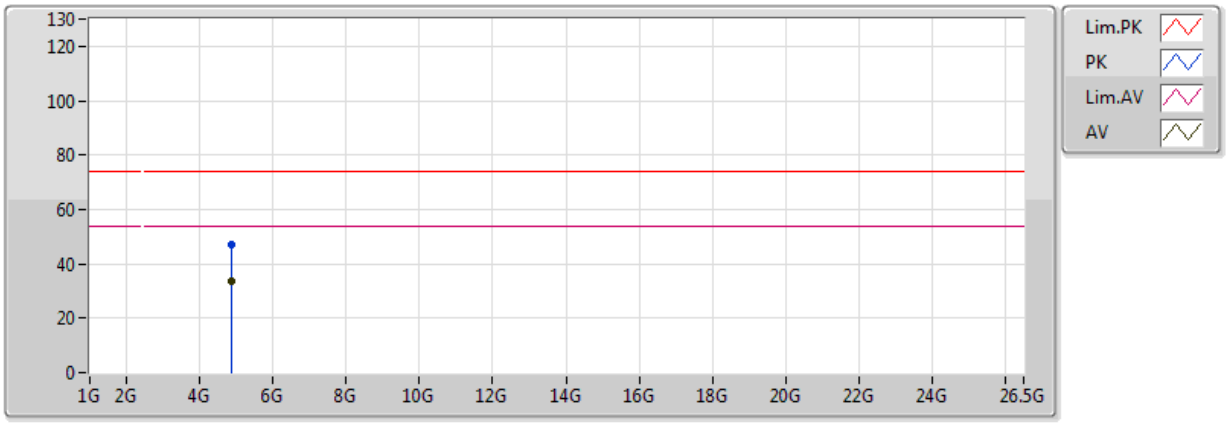


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.874G	32.63	54.00	-21.37	5.07	3	V	0	1.50	-
PK	4.874G	46.69	74.00	-27.31	5.07	3	V	0	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

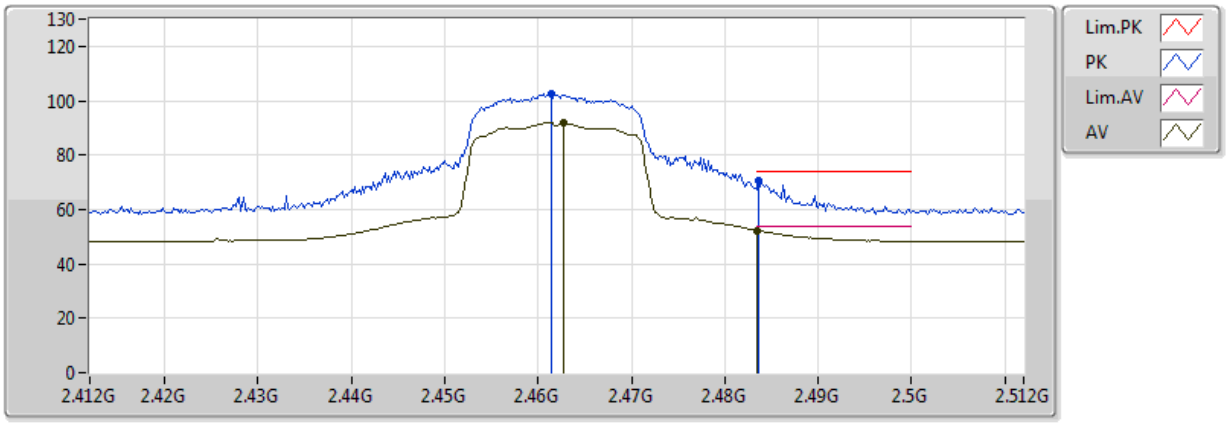


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.874G	33.70	54.00	-20.30	5.07	3	H	360	1.50	-
PK	4.874G	46.89	74.00	-27.11	5.07	3	H	360	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

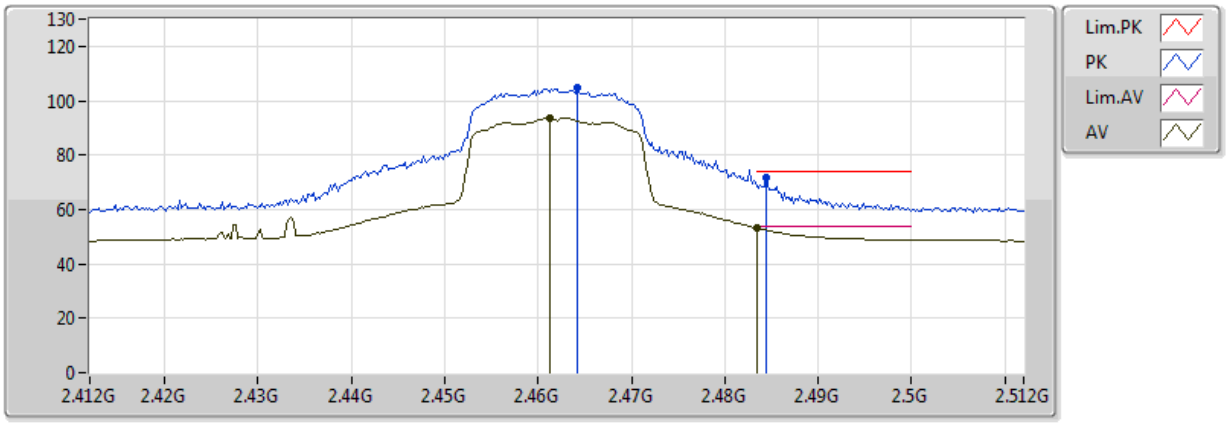


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.4628G	91.81	Inf	-Inf	35.96	3	V	274	3.47	-
AV	2.483502G	52.30	54.00	-1.70	36.00	3	V	274	3.47	-
PK	2.4614G	102.37	Inf	-Inf	35.95	3	V	274	3.47	-
PK	2.4836G	70.65	74.00	-3.35	36.00	3	V	274	3.47	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

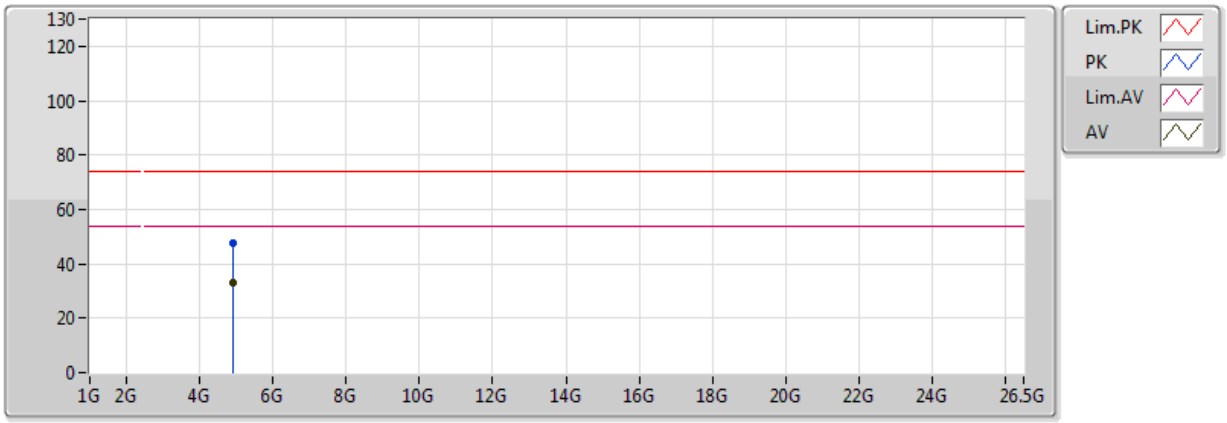


EUT=Y

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.4612G	93.76	Inf	-Inf	35.95	3	H	356	3.59	-
AV	2.483502G	53.04	54.00	-0.96	36.00	3	H	356	3.59	-
PK	2.4642G	104.56	Inf	-Inf	35.96	3	H	356	3.59	-
PK	2.4844G	71.49	74.00	-2.51	36.00	3	H	356	3.59	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX



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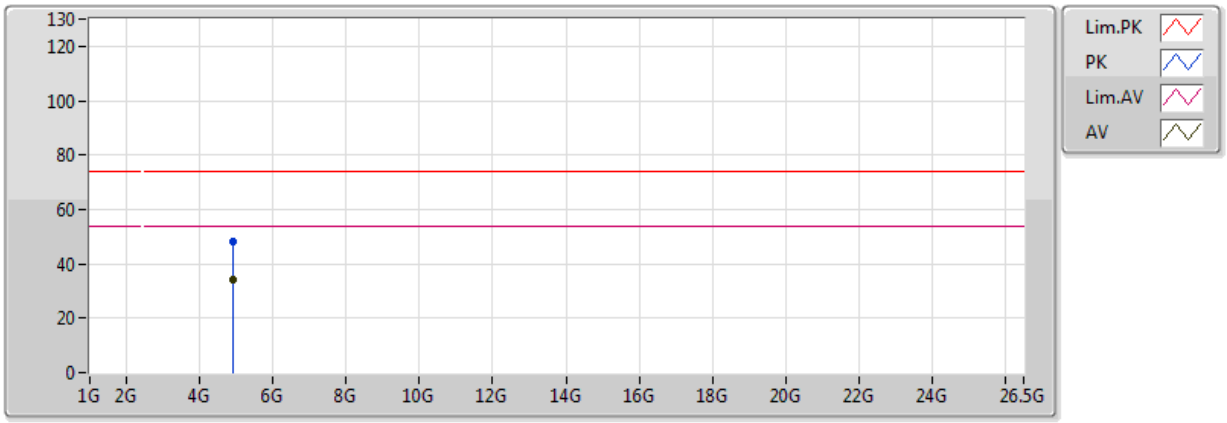
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.924G	33.22	54.00	-20.78	5.09	3	V	0	1.50	-
PK	4.924G	47.53	74.00	-26.47	5.09	3	V	0	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX



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Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.924G	34.24	54.00	-19.76	5.09	3	H	360	1.50	-
PK	4.924G	48.09	74.00	-25.91	5.09	3	H	360	1.50	-