FCC Test Report

Equipment	:	**Camera**
Brand Name	:	**Logitech**
Model No.	:	**V-R0008**
FCC ID	:	**JNZVR0008**
Standard	:	**47 CFR FCC Part 15.247**
Operating Band	:	**2400 MHz – 2483.5 MHz**
Function	:	**☒ Point-to-multipoint; ☐ Point-to-point**
Applicant	:	**Logitech Far East Ltd No. 2, Creation Road IV Science-Based Industrial Park Hsinchu Taiwan**
Manufacturer	:	**Company Name Chicony Electronics (Dong Guan) Co., Ltd. San Zhong Guan Li Qu, Qingxi Town, Dongguan City Guangdong 523651 China**

The product sample received on Apr. 06, 2017 and completely tested on May 09, 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
FR733167AC	Rev. 01	Initial issue of report	May 19, 2017
FR733167AC	Rev. 02	revise typo	May 29, 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.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	-	-	PIFA Antenna	fixed on board	-1.55

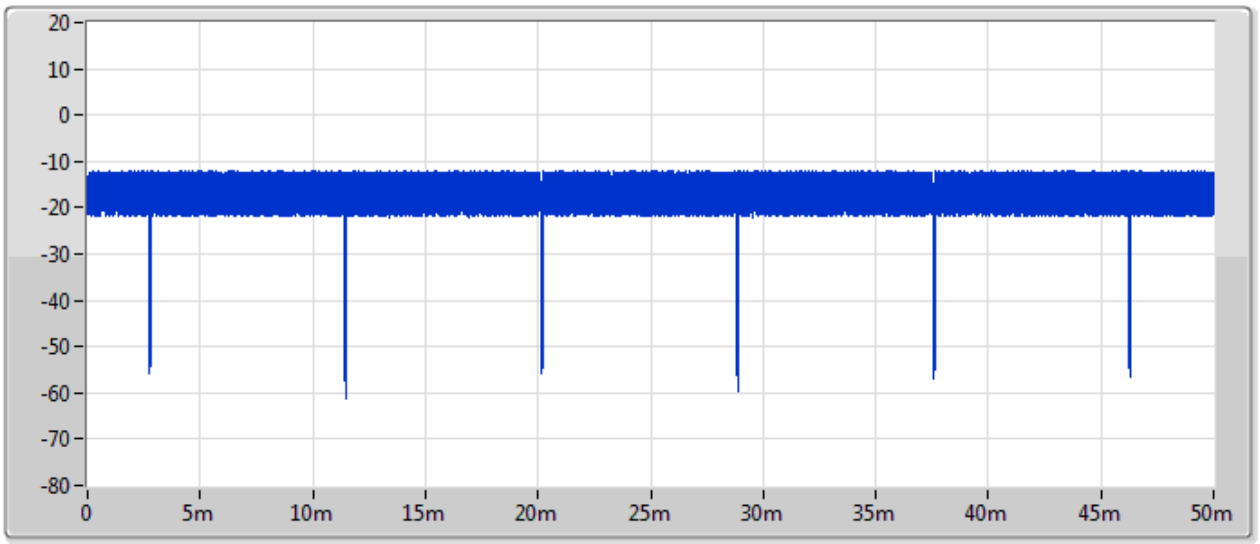
1.1.3 EUT Information

Operational Condition			
Hardware Version	PB3		
EUT Power Type	From Power Adapter / Host system		
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

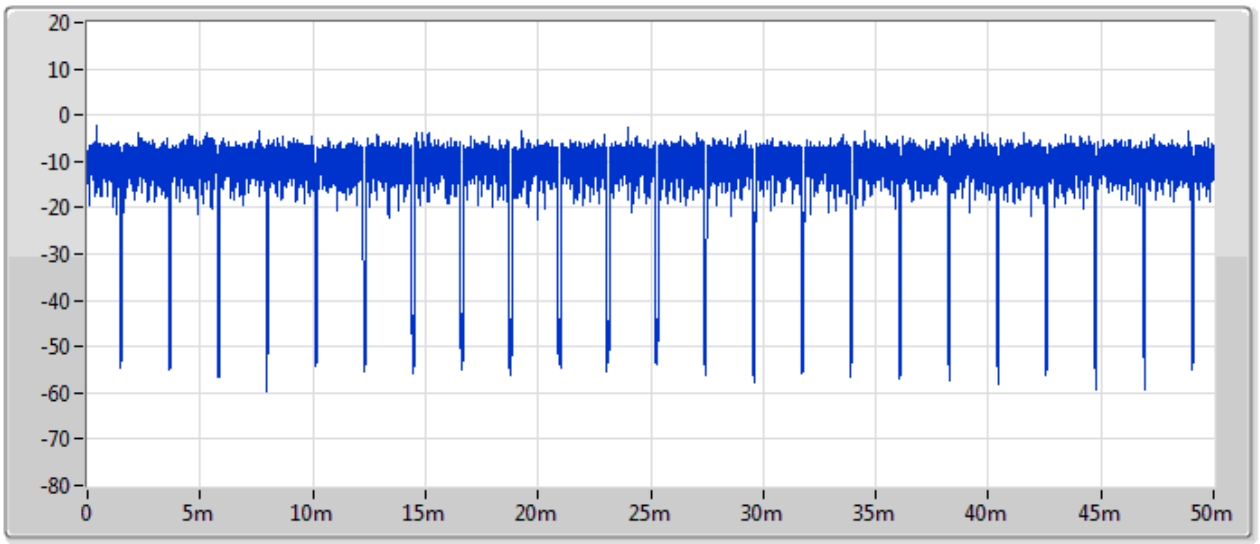
Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.989	0.048	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.952	0.214	2.066m	1k
802.11n HT20	0.98	0.088	n/a (DC>=0.98)	n/a (DC>=0.98)

DC;11b;BWch:20

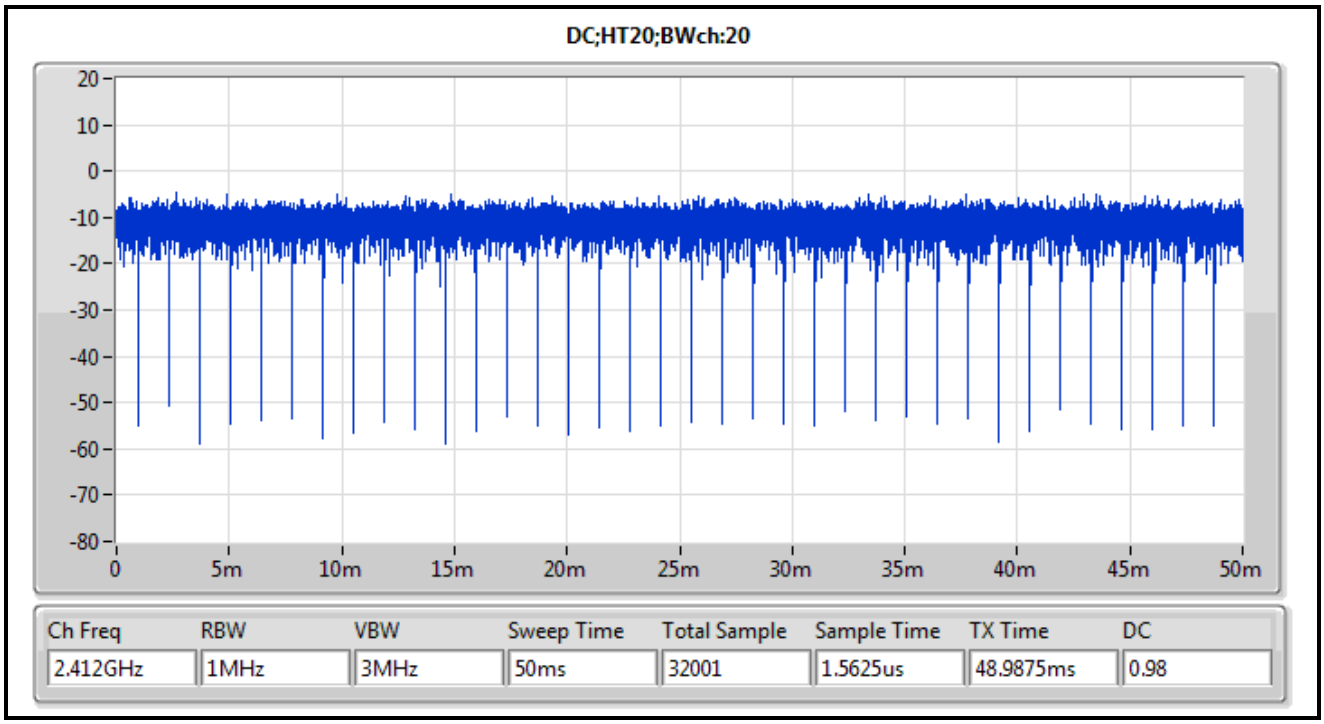


Ch Freq	RBW	VBW	Sweep Time	Total Sample	Sample Time	TX Time	DC
2.412GHz	1MHz	3MHz	50ms	32001	1.5625us	49.464063ms	0.989

DC;11g;BWch:20



Ch Freq	RBW	VBW	Sweep Time	Total Sample	Sample Time	TX Time	DC
2.412GHz	1MHz	3MHz	50ms	32001	1.5625us	47.584375ms	0.952



Ch Freq	RBW	VBW	Sweep Time	Total Sample	Sample Time	TX Time	DC
2.412GHz	1MHz	3MHz	50ms	32001	1.5625us	48.9875ms	0.98

1.2 Testing Applied Standards

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

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

1.3 Testing Location Information

Testing Location			
☒	HWA YA	ADD : No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)	
		TEL : 886-3-327-3456	FAX : 886-3-327-0973
Test site Designation No. 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
AC Conduction	CO04-HY	Teddy	23°C / 64%	09/May/2017
RF Conducted	TH01-HY	Wayne	23.5°C / 65%	02/May/2017
Radiated	03CH02-HY	Ryan	23.5°C / 65%	02/May/2017

1.4 Measurement Uncertainty

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

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

2 Test Configuration of EUT

2.1 Test Condition

Condition Item	Abbreviation/Remark	Remark
RF Conducted-DTS	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	20
802.11g_(6Mbps)_1TX	-
2412MHz	17
2437MHz	20
2462MHz	20
802.11n HT20_Nss1,(MCS0)_1TX	-
2412MHz	17
2437MHz	20
2462MHz	20

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

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

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

2.4 Accessories

Accessories				
AC Adapter	Brand Name	I.T.E	Model Name	AD2063M22
	Power Rating	I/P: 100-240Vac, 0.3A, O/P: 5.1Vdc, 1.4A		

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

2.5 Support Equipment

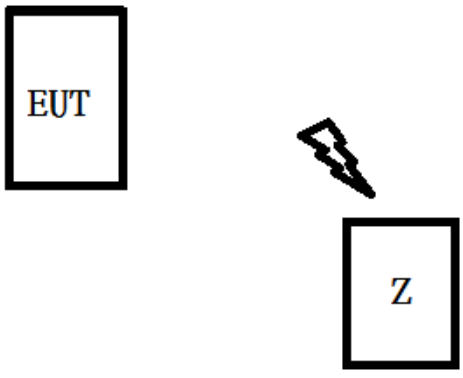
Support Equipment – AC Conduction				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
Z	iPad mini	APPLE	16GB	DoC

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

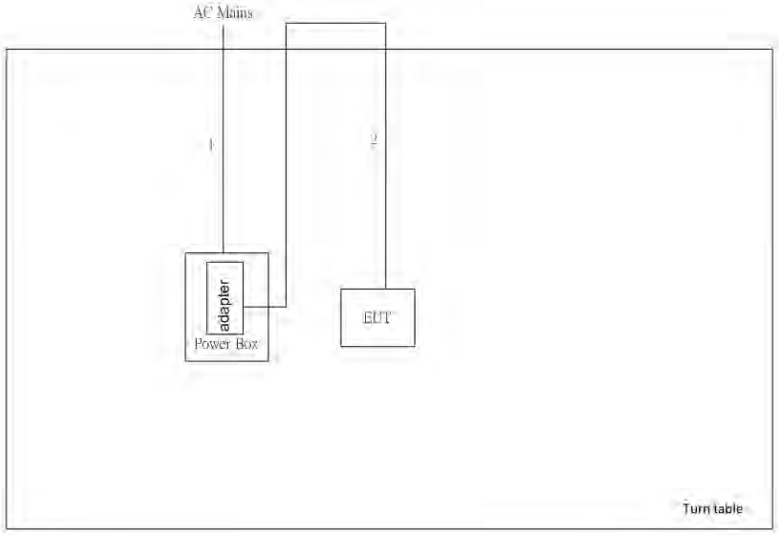
Support Equipment – Radiated Emission				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5410	DoC
2	Adapter for NB	DELL	LA65NS2-01	DoC

2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test

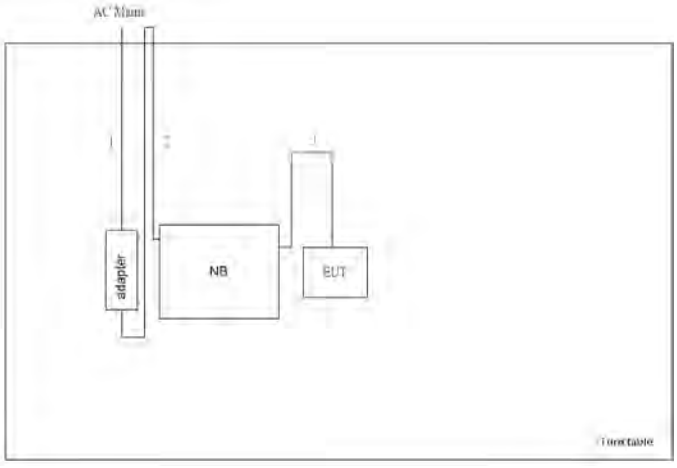


Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	AC power line	No	1.5m
2	USB cable	D	2.85m

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	AC power line	No	1.8m
2	DC power line	No	1.8m
3	USB cable	D	0.7m

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

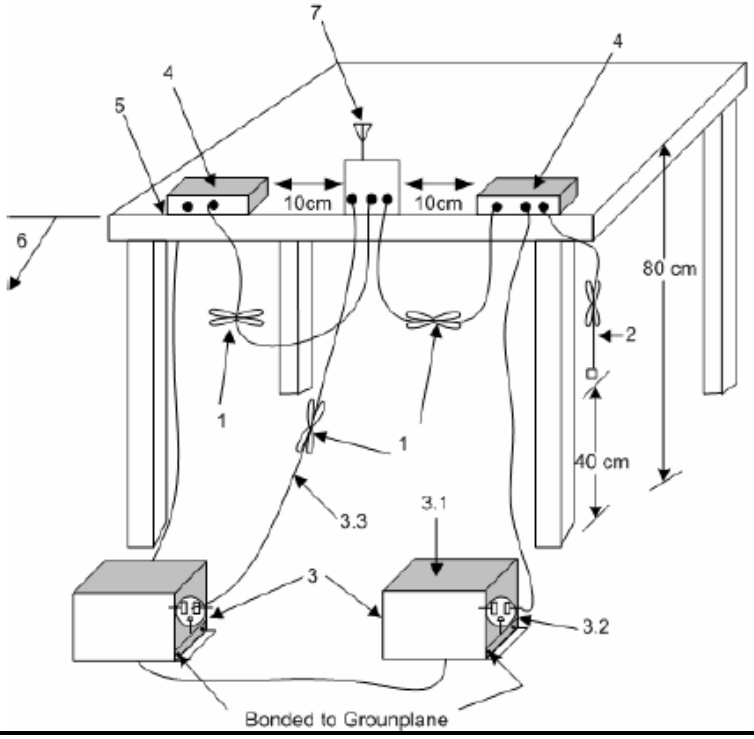
Refer a test equipment and calibration data table in this test report.

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

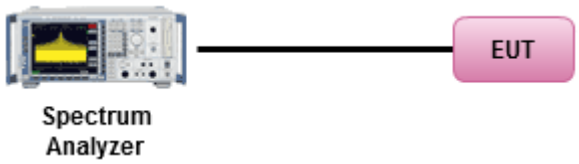
Refer a test equipment and calibration data table in this test report.

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



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

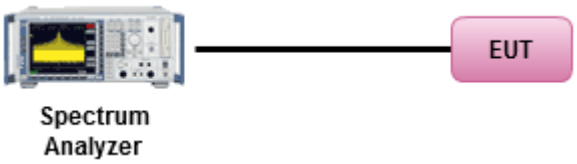
3.4.2 Measuring Instruments

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.	

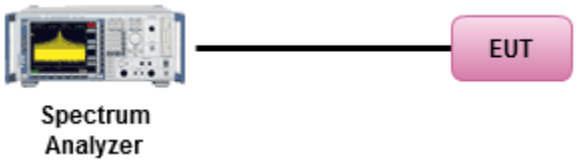
3.5.2 Measuring Instruments

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.

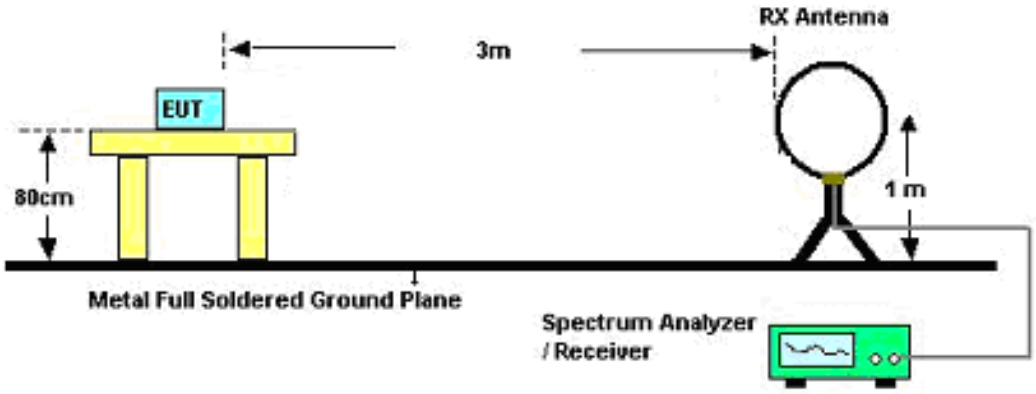
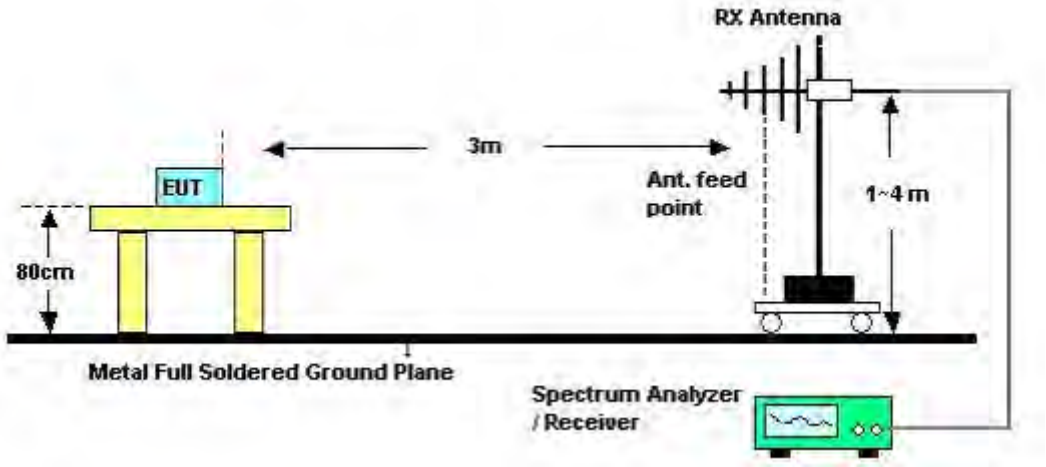
3.6.2 Measuring Instruments

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

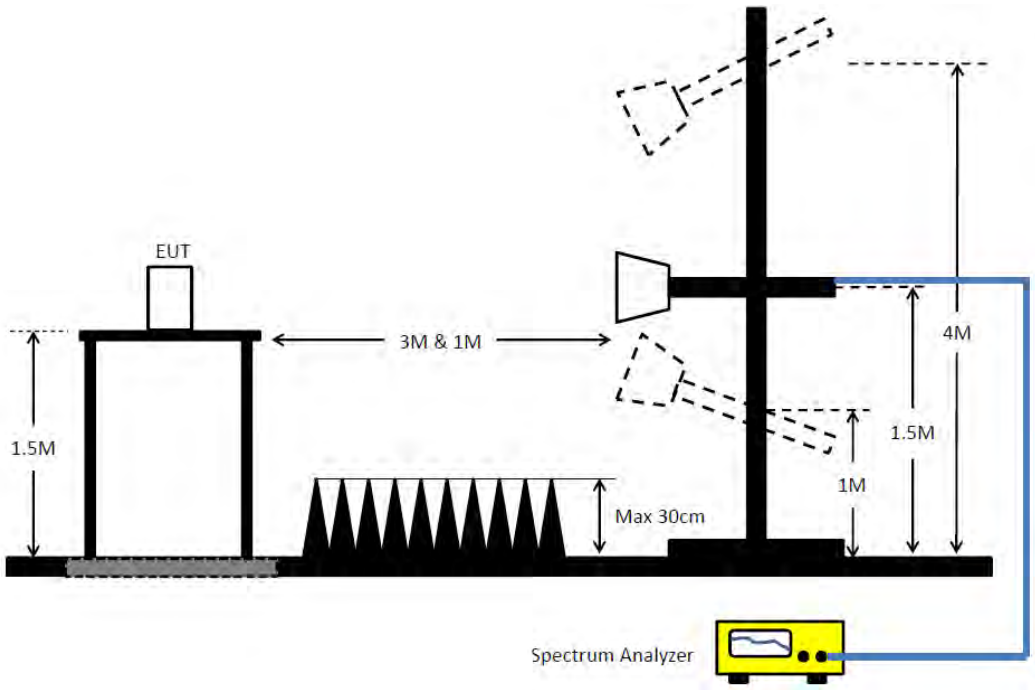
3.6.3 Test Procedures

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	102051	9kHz ~ 3.6GHz	29/Apr/2017	28/Apr/2018
LISN	SCHWARZBECK MESS-ELEKTRONIK	NSLK 8127	8127-477	9kHz ~ 30MHz with 50Ohm/50uH	14/Feb/2017	13/Feb/2018
RF Cable-CON	HUBER+SUHNER	RG213/U	07611832020001	9kHz ~ 30MHz	24/Oct/2016	23/Oct/2017
Impulsbegrenzer Pulse Limiter	R&S	ESH3-Z2	100921	10 kHz ~ 30 MHz	20/Oct/2016	19/Oct/2017

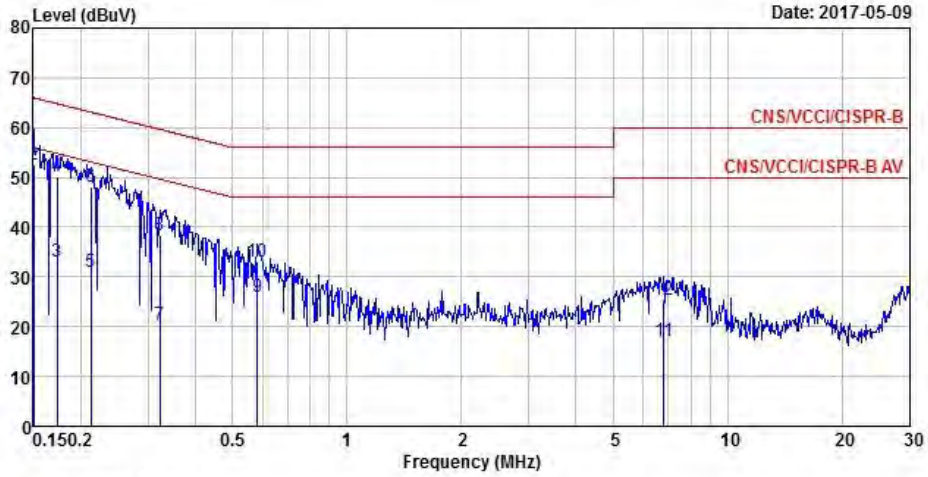
Instrument for Conducted Test

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	21/Jul/2016	20/Jul/2017
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10710/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10709/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSP40	100593	9kHz - 40GHz	26/Oct/2016	25/Oct/2017
3m Semi Anechoic	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz-1GHz	03/Jun/2016	02/Jun/2017
3m Semi Anechoic	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz ~ 18GHz	12/Dec/2016	11/Dec/2017
Amplifier	Agilent	8447D	2944A11149	100KHz-1.3GHz	01/Jul/2016	30/Jun/2017
Amplifier	Agilent	8449B	3008A02373	1GHz-26.5GHz	02/Sep/2016	01/Sep/2017
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA9120D 01531	1GHz-18GHz	25/Apr/2017	24/Apr/2018
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170154	15GHz-40GHz	06/Feb/2017	05/Feb/2018
Bilog Antenna	SCHAFFNER	CBL6112B	2723	30MHz-1GHz	01/Oct/2016	30/Sep/2017
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

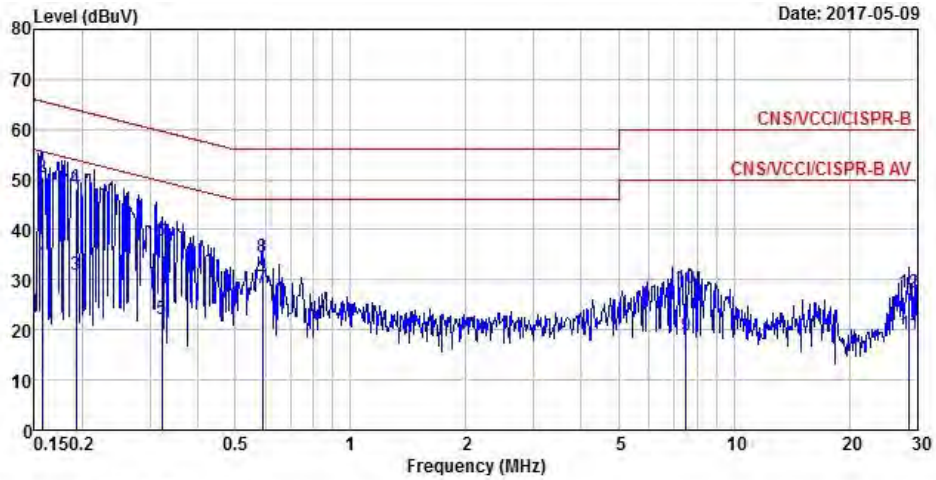
AC Power-line Conducted Emissions Result			
Operating Function	Normal Link	**Power Phase**	Neutral



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.15	34.50	-21.50	56.00	34.25	0.03	0.22	Average
2 MAX	0.15	52.51	-13.49	66.00	52.26	0.03	0.22	QP
3	0.17	33.02	-21.79	54.81	32.73	0.03	0.26	Average
4	0.17	50.27	-14.54	64.81	49.98	0.03	0.26	QP
5	0.21	31.06	-22.04	53.10	30.75	0.03	0.28	Average
6	0.21	48.17	-14.93	63.10	47.86	0.03	0.28	QP
7	0.32	20.40	-29.26	49.66	20.21	0.03	0.16	Average
8	0.32	38.47	-21.19	59.66	38.28	0.03	0.16	QP
9	0.58	25.92	-20.08	46.00	25.78	0.04	0.10	Average
10	0.58	32.94	-23.06	56.00	32.80	0.04	0.10	QP
11	6.81	17.05	-32.95	50.00	16.72	0.17	0.16	Average
12	6.81	25.48	-34.52	60.00	25.15	0.17	0.16	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 Function	Normal Link	**Power Phase**	Line



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.16	33.03	-22.57	55.60	32.73	0.07	0.23	Average
2 MAX	0.16	50.36	-15.24	65.60	50.06	0.07	0.23	QP
3	0.19	30.85	-23.08	53.93	30.49	0.07	0.29	Average
4	0.19	48.10	-15.83	63.93	47.74	0.07	0.29	QP
5	0.32	22.08	-27.58	49.66	21.85	0.07	0.16	Average
6	0.32	37.67	-21.99	59.66	37.44	0.07	0.16	QP
7	0.59	28.23	-17.77	46.00	28.05	0.08	0.10	Average
8	0.59	34.45	-21.55	56.00	34.27	0.08	0.10	QP
9	7.49	18.99	-31.01	50.00	18.53	0.29	0.17	Average
10	7.49	28.46	-31.54	60.00	28.00	0.29	0.17	QP
11	28.60	19.04	-30.96	50.00	17.98	0.79	0.27	Average
12	28.60	27.44	-32.56	60.00	26.38	0.79	0.27	QP

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

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
802.11b_(1Mbps)_1TX	-	-	-	-	-
2.4-2.4835GHz	8.025M	12.669M	12M7G1D	7.55M	12.394M
802.11g_(6Mbps)_1TX	-	-	-	-	-
2.4-2.4835GHz	15.075M	16.967M	17M0D1D	14.975M	16.367M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2.4-2.4835GHz	15.05M	17.716M	17M7D1D	15.025M	17.666M

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;

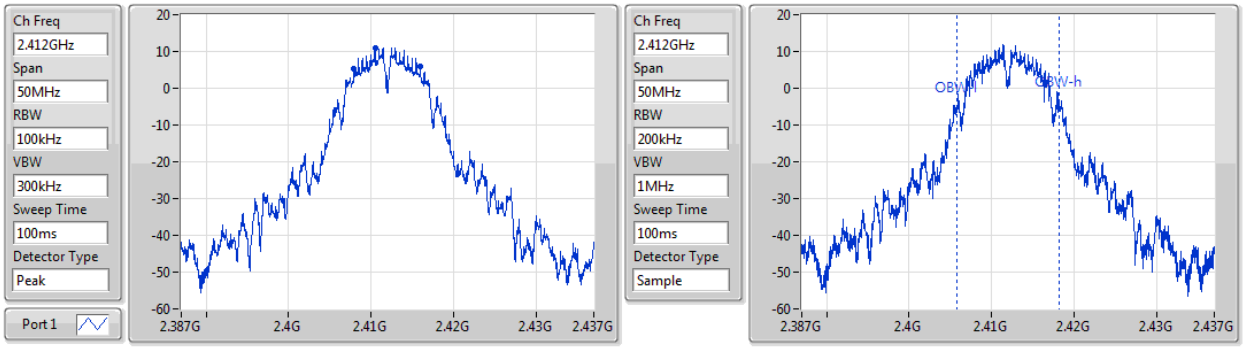
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	8.025M	12.394M
2437MHz	Pass	500k	8M	12.494M
2462MHz	Pass	500k	7.55M	12.669M
802.11g_(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	15.05M	16.367M
2437MHz	Pass	500k	14.975M	16.967M
2462MHz	Pass	500k	15.075M	16.667M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	15.05M	17.666M
2437MHz	Pass	500k	15.05M	17.716M
2462MHz	Pass	500k	15.025M	17.691M

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

802.11b_(1Mbps)_1TX EBW

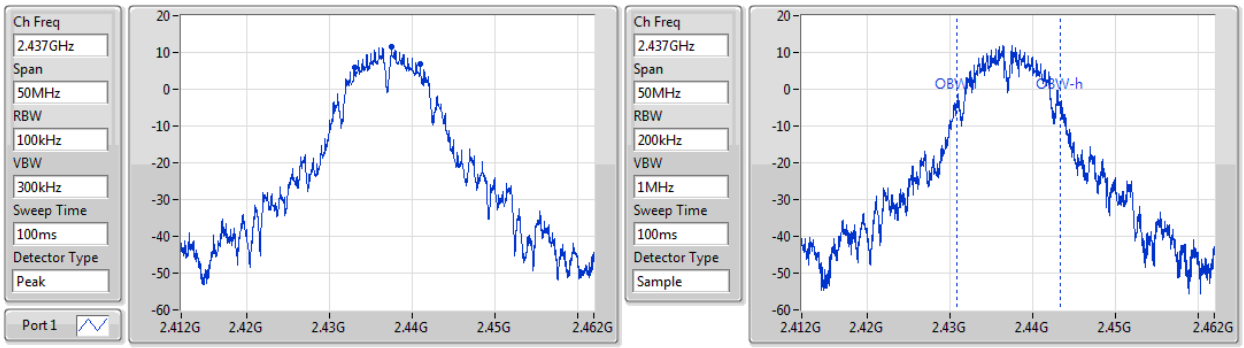
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.025M	2.40795G	2.415975G	12.394M	2.405853G	2.418247G	500k	1

802.11b_(1Mbps)_1TX EBW

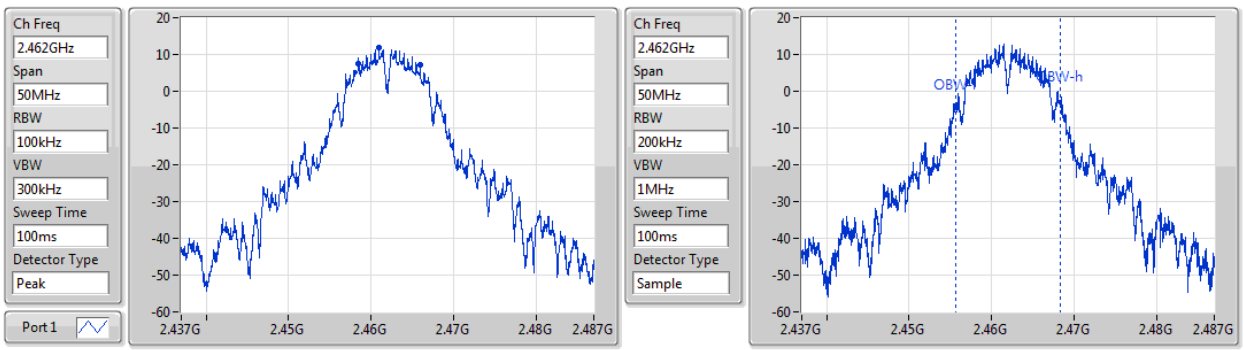
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8M	2.432975G	2.440975G	12.494M	2.430778G	2.443272G	500k	1

802.11b_(1Mbps)_1TX EBW

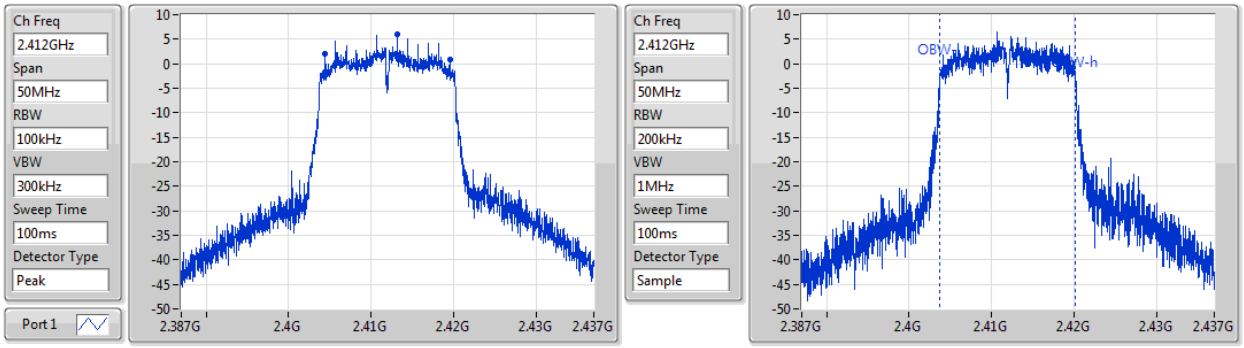
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.55M	2.458425G	2.465975G	12.669M	2.455728G	2.468397G	500k	1

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

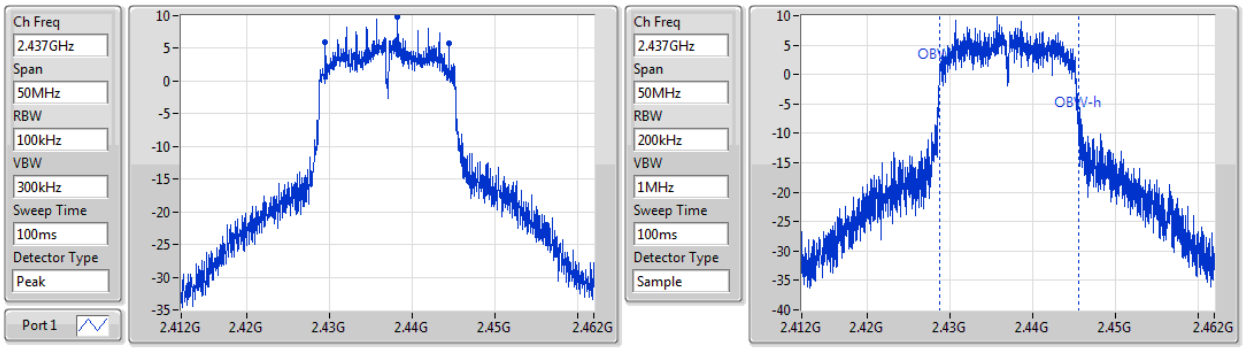
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.05M	2.404475G	2.419525G	16.367M	2.403779G	2.420146G	500k	1

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

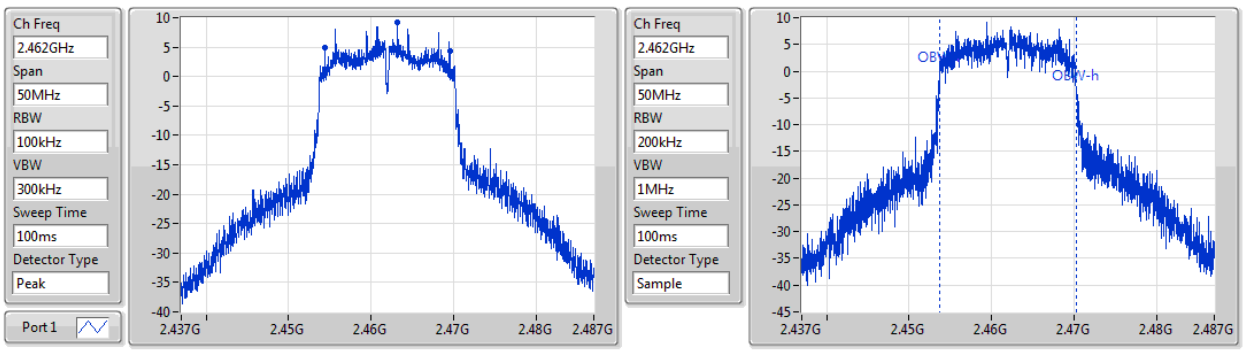
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.975M	2.429475G	2.44445G	16.967M	2.428654G	2.445621G	500k	1

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

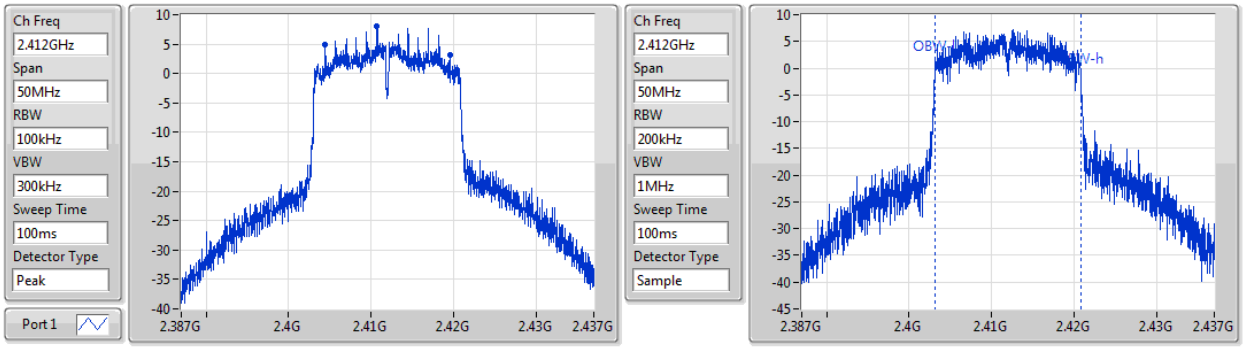
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.075M	2.45445G	2.469525G	16.667M	2.453679G	2.470346G	500k	1

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

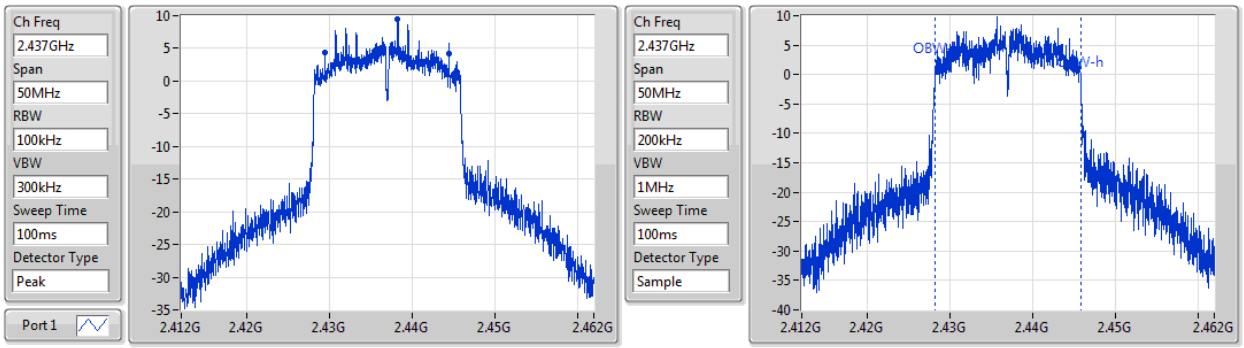
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.05M	2.404475G	2.419525G	17.666M	2.403154G	2.420821G	500k	1

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

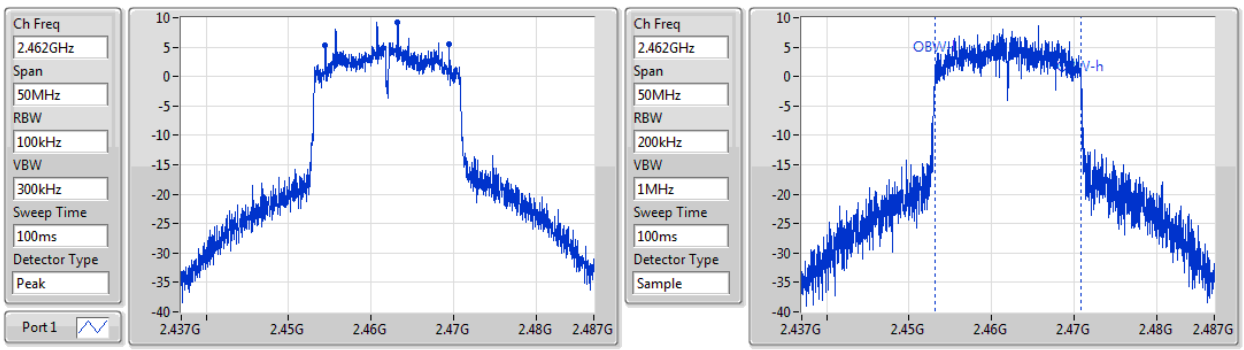
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.05M	2.429425G	2.444475G	17.716M	2.428129G	2.445846G	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
15.025M	2.454475G	2.4695G	17.691M	2.453154G	2.470846G	500k	1

Summary

Mode	Total Power (dBm)	Total Power (W)
802.11b_(1Mbps)_1TX	-	-
2.4-2.4835GHz	19.22	0.08356
802.11g_(6Mbps)_1TX	-	-
2.4-2.4835GHz	18.49	0.07063
802.11n HT20_Nss1,(MCS0)_1TX	-	-
2.4-2.4835GHz	18.12	0.06486

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	-1.55	19.07	19.07	30.00
2437MHz	Pass	-1.55	19.22	19.22	30.00
2462MHz	Pass	-1.55	19.20	19.20	30.00
802.11g_(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	-1.55	17.57	17.57	30.00
2437MHz	Pass	-1.55	18.49	18.49	30.00
2462MHz	Pass	-1.55	18.12	18.12	30.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	-1.55	17.39	17.39	30.00
2437MHz	Pass	-1.55	18.12	18.12	30.00
2462MHz	Pass	-1.55	18.04	18.04	30.00

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

Summary

Mode	PD (dBm/RBW)
802.11b_(1Mbps)_1TX	-
2.4-2.4835GHz	-2.32
802.11g_(6Mbps)_1TX	-
2.4-2.4835GHz	-4.92
802.11n HT20_Nss1,(MCS0)_1TX	-
2.4-2.4835GHz	-6.28

RBW=3kHz.

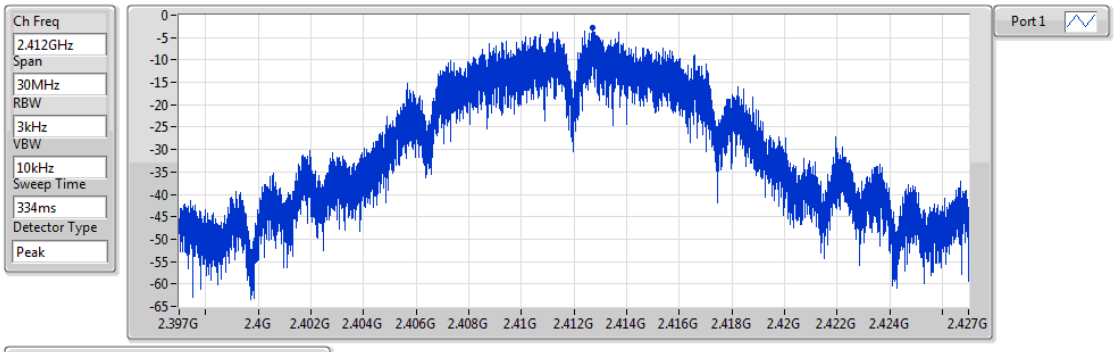
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	-1.55	-2.73	-2.73	8.00
2437MHz	Pass	-1.55	-3.45	-3.45	8.00
2462MHz	Pass	-1.55	-2.32	-2.32	8.00
802.11g_(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	-1.55	-8.04	-8.04	8.00
2437MHz	Pass	-1.55	-4.92	-4.92	8.00
2462MHz	Pass	-1.55	-6.47	-6.47	8.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	-1.55	-7.52	-7.52	8.00
2437MHz	Pass	-1.55	-6.28	-6.28	8.00
2462MHz	Pass	-1.55	-6.42	-6.42	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**

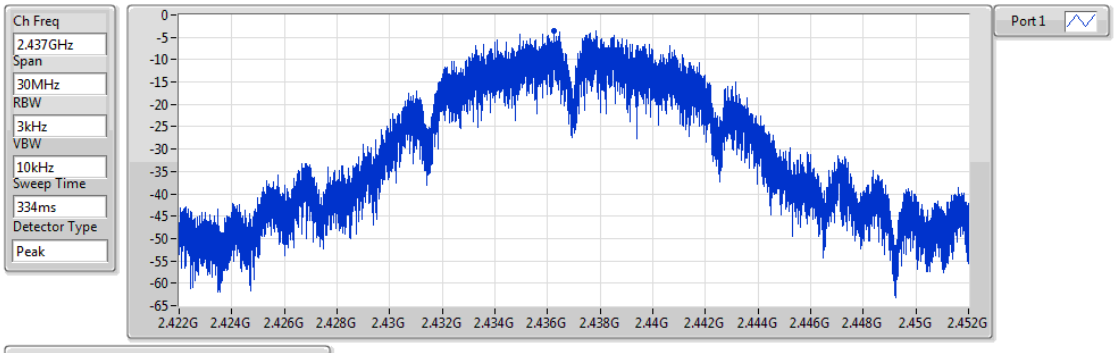
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.73	-2.73	-2.73

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

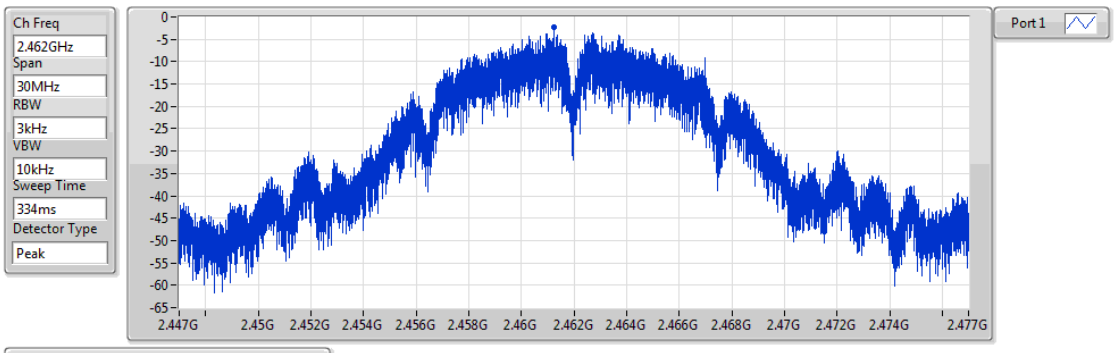
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.45	-3.45	-3.45

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

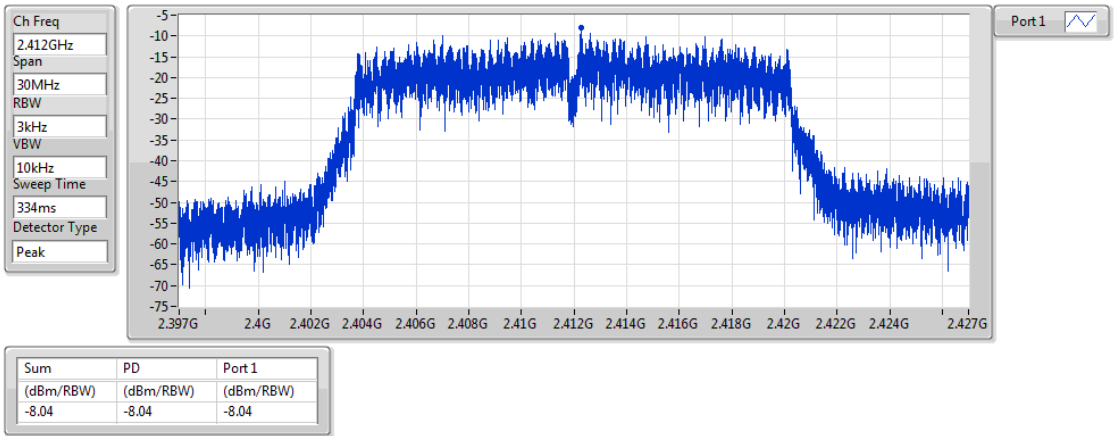
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.32	-2.32	-2.32

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

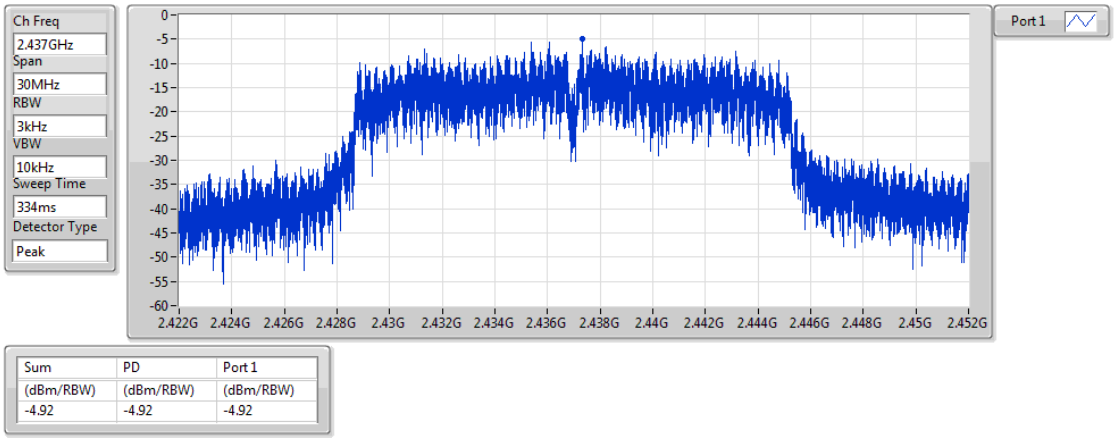
2412MHz



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

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

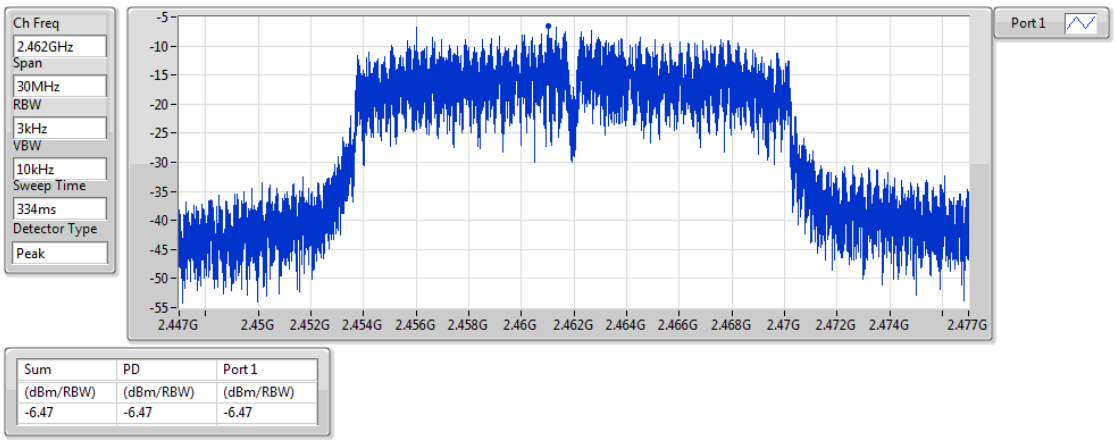
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.92	-4.92	-4.92

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

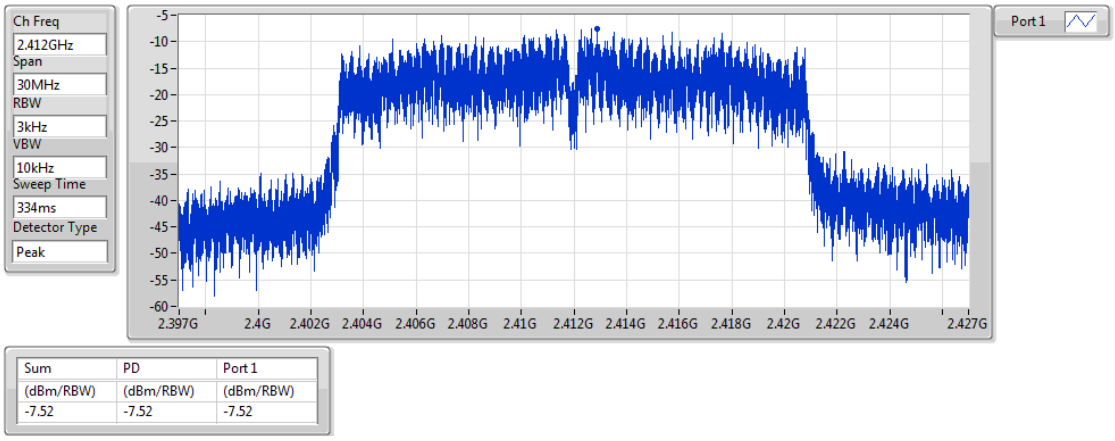
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.47	-6.47	-6.47

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

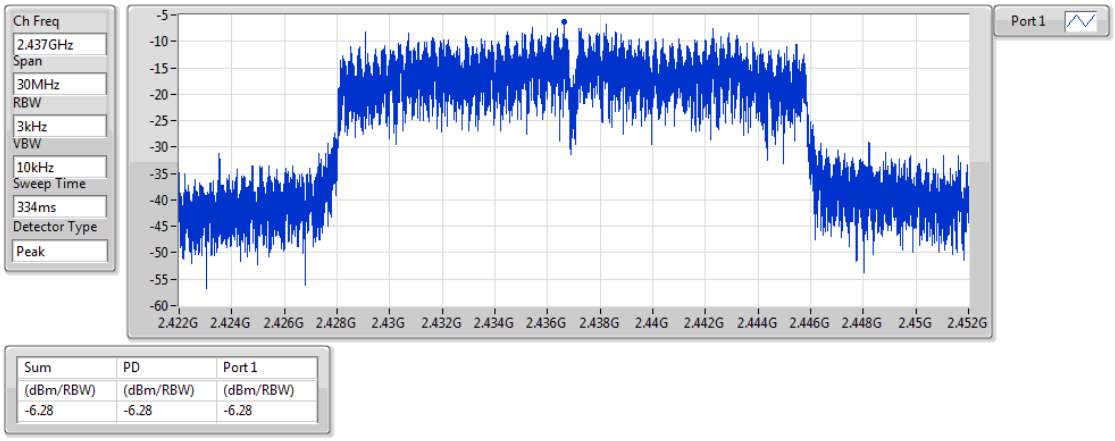
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.52	-7.52	-7.52

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

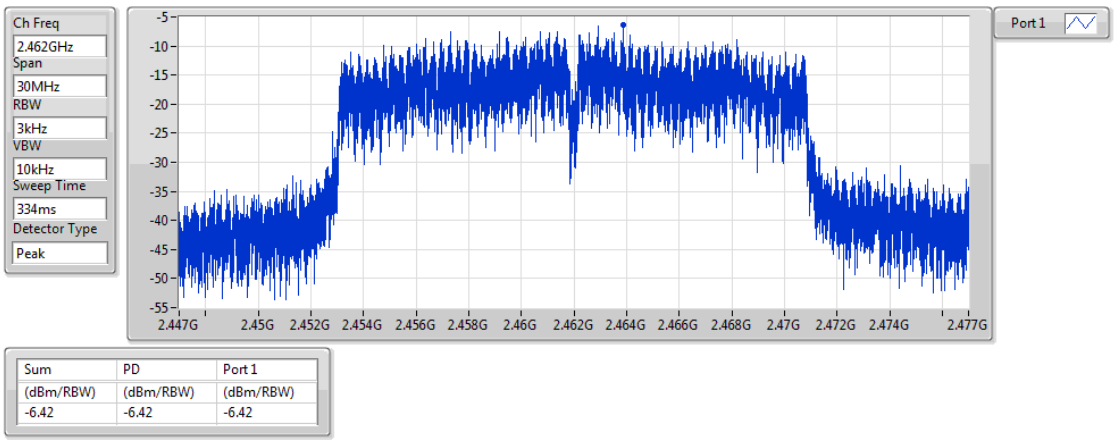
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.28	-6.28	-6.28

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

2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.42	-6.42	-6.42

Summary

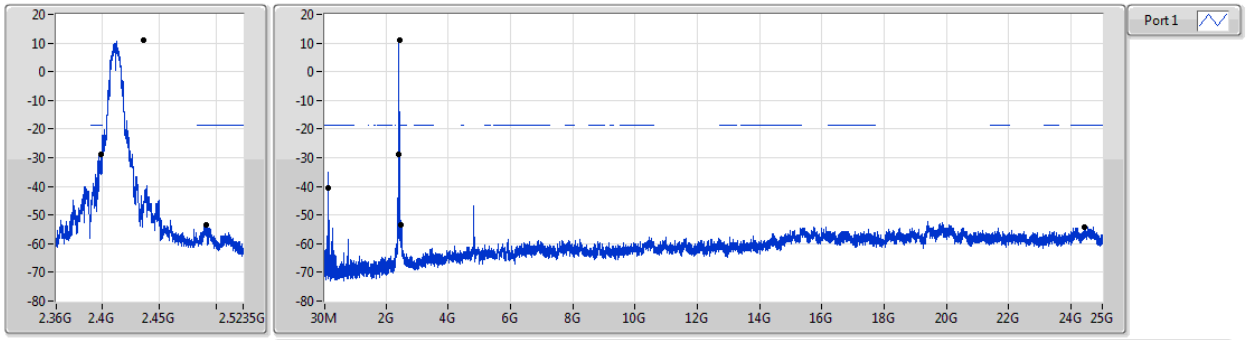
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	2.435738G	9.11	-20.89	147.665M	-40.72	2.39832G	-21.27	2.4907G	-50.24	24.67971G	-53.45	1

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	2.435905G	11.20	-18.80	147.665M	-40.72	2.39896G	-28.68	2.49078G	-53.34	24.432468G	-54.06	1
2437MHz	Pass	2.435905G	11.20	-18.80	147.665M	-40.57	2.39992G	-45.40	2.48478G	-50.91	24.511136G	-53.11	1
2462MHz	Pass	2.435905G	11.20	-18.80	147.665M	-40.56	2.39888G	-57.95	2.48446G	-41.77	24.10375G	-53.35	1
802.11g_(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.430728G	6.96	-23.04	147.665M	-40.63	2.39984G	-26.68	2.49374G	-52.13	15.323867G	-53.53	1
2437MHz	Pass	2.430728G	6.96	-23.04	147.665M	-40.66	2.3976G	-36.67	2.4847G	-38.54	24.567327G	-52.35	1
2462MHz	Pass	2.430728G	6.96	-23.04	147.665M	-40.65	2.3988G	-47.49	2.48358G	-29.69	2.5235G	-47.54	1
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.435738G	9.11	-20.89	147.665M	-40.72	2.39832G	-21.27	2.4907G	-50.24	24.67971G	-53.45	1
2437MHz	Pass	2.435738G	9.11	-20.89	147.665M	-40.46	2.39832G	-39.73	2.48598G	-41.15	24.393135G	-53.32	1
2462MHz	Pass	2.435738G	9.11	-20.89	147.665M	-40.68	2.39784G	-48.03	2.48382G	-25.82	2.5235G	-49.87	1

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

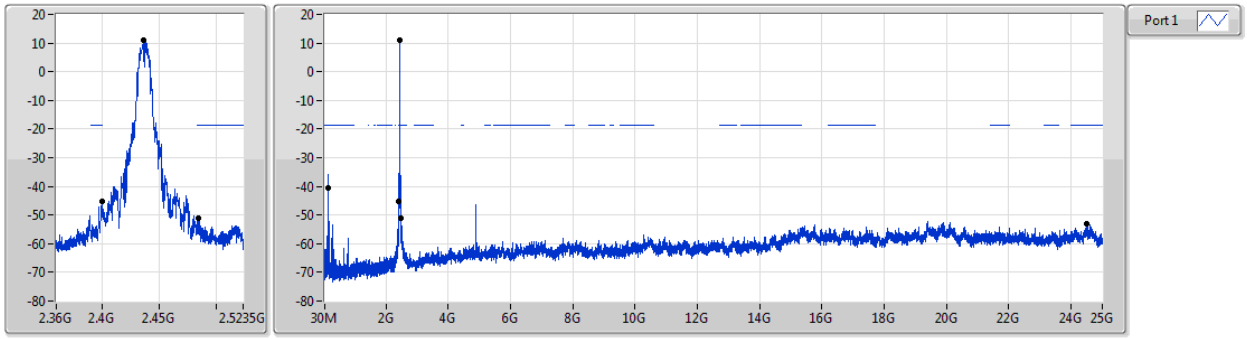
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435905G	11.20	-18.80	147.665M	-40.72	2.39896G	-28.68	2.49078G	-53.34	24.432468G	-54.06	1

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

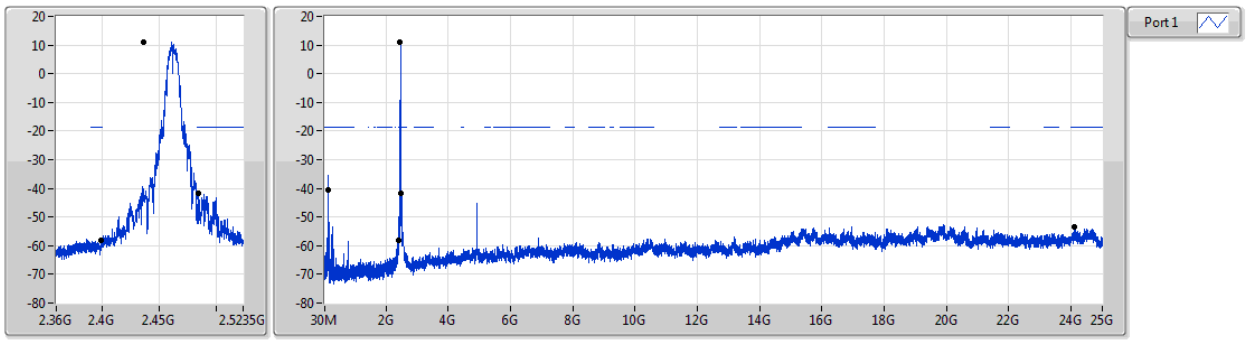
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435905G	11.20	-18.80	147.665M	-40.57	2.39992G	-45.40	2.48478G	-50.91	24.511136G	-53.11	1

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

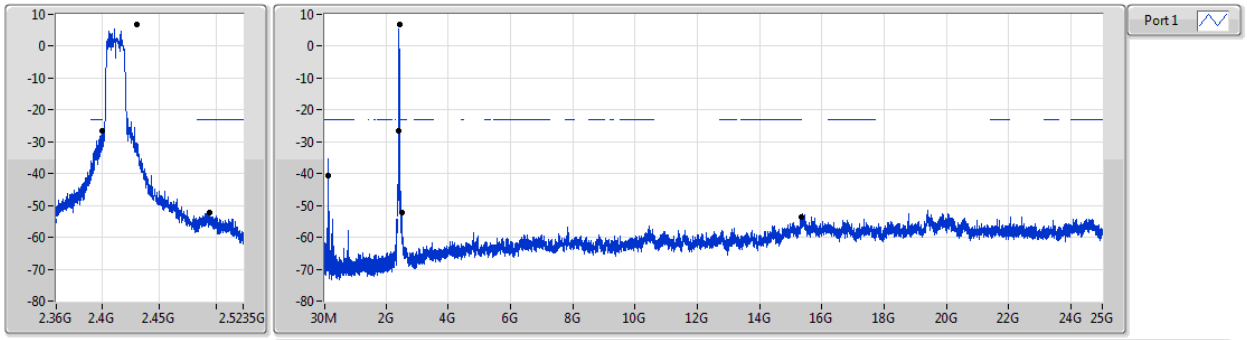
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435905G	11.20	-18.80	147.665M	-40.56	2.39888G	-57.95	2.48446G	-41.77	24.10375G	-53.35	1

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

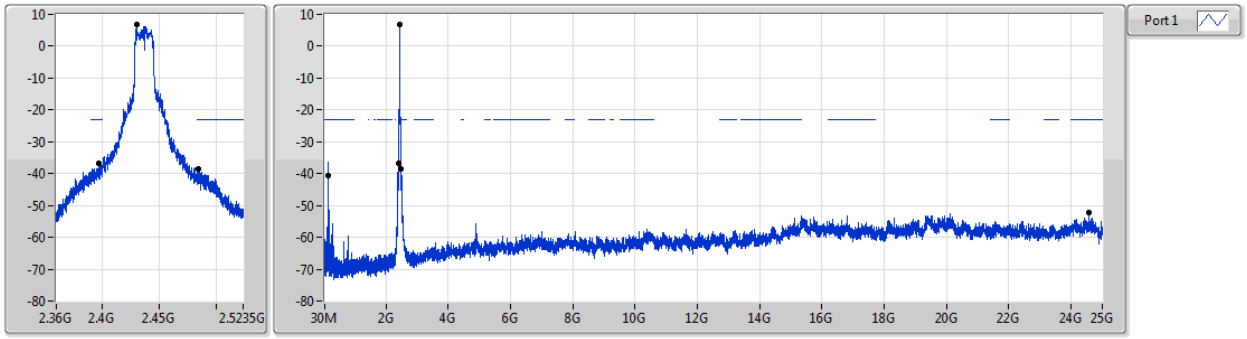
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.430728G	6.96	-23.04	147.665M	-40.63	2.39984G	-26.68	2.49374G	-52.13	15.323867G	-53.53	1

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

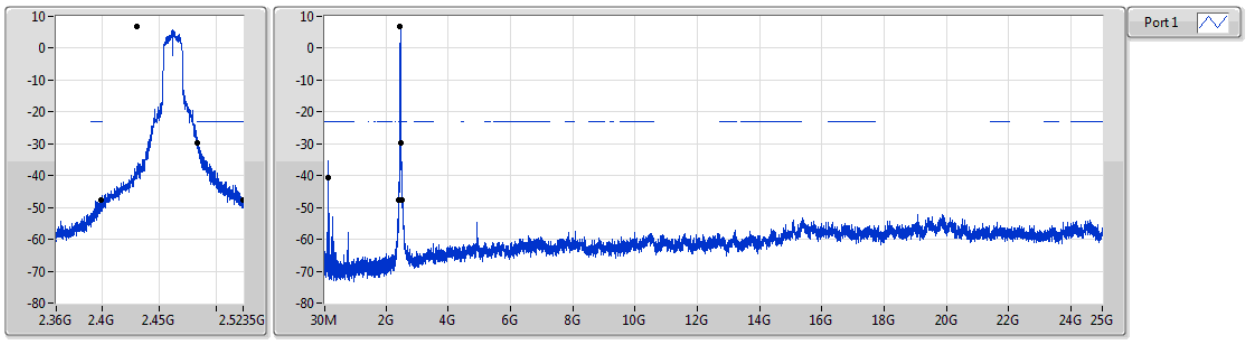
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.430728G	6.96	-23.04	147.665M	-40.66	2.3976G	-36.67	2.4847G	-38.54	24.567327G	-52.35	1

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

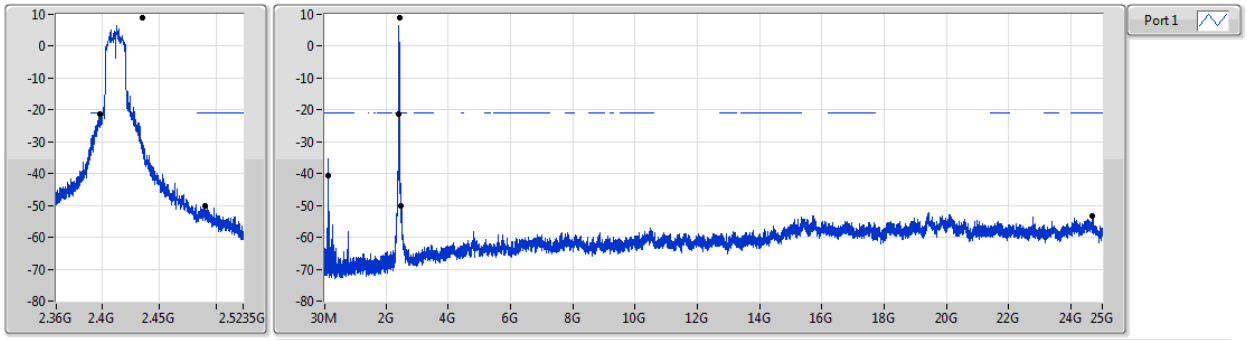
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.430728G	6.96	-23.04	147.665M	-40.65	2.3988G	-47.49	2.48358G	-29.69	2.5235G	-47.54	1

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

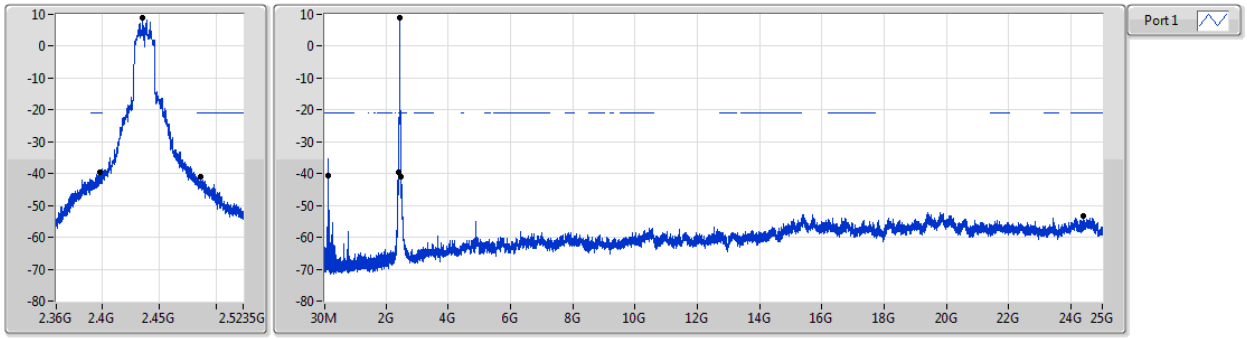
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435738G	9.11	-20.89	147.665M	-40.72	2.39832G	-21.27	2.4907G	-50.24	24.67971G	-53.45	1

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

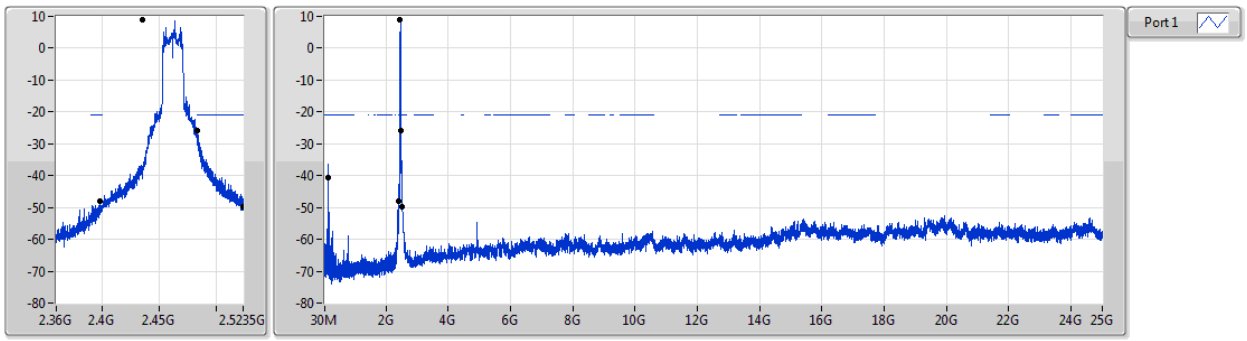
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435738G	9.11	-20.89	147.665M	-40.46	2.39832G	-39.73	2.48598G	-41.15	24.393135G	-53.32	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
2.435738G	9.11	-20.89	147.665M	-40.68	2.39784G	-48.03	2.48382G	-25.82	2.5235G	-49.87	1

Summary

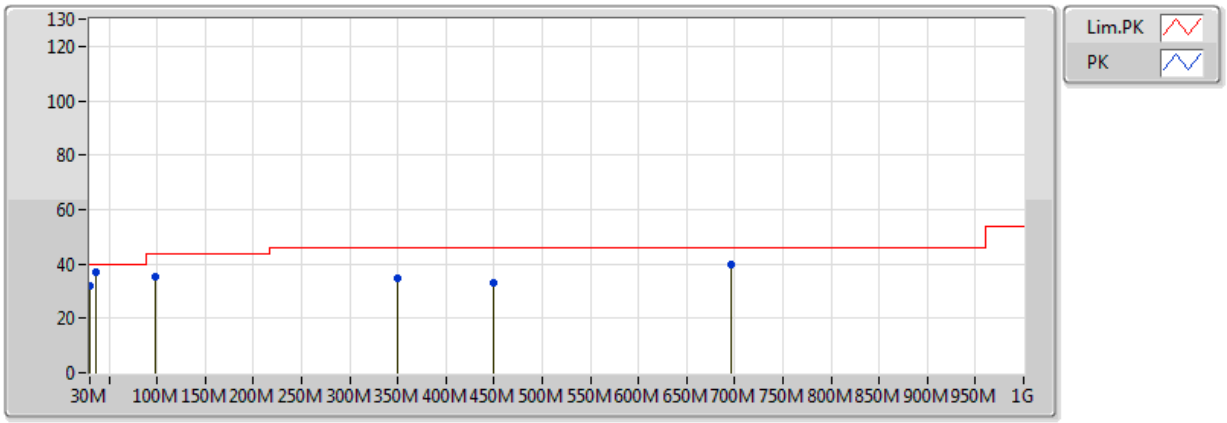
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11g_(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	QP	35.82M	36.95	40.00	-3.05	-7.10	3	V	156	1.06	-

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	97.9M	29.27	43.50	-14.23	-10.88	3	H	0	1.00	-
2437MHz	Pass	PK	249.22M	32.48	46.00	-13.52	-7.56	3	H	0	1.00	-
2437MHz	Pass	PK	350.1M	40.10	46.00	-5.90	-5.39	3	H	0	1.00	-
2437MHz	Pass	PK	400.54M	34.09	46.00	-11.91	-3.96	3	H	0	1.00	-
2437MHz	Pass	PK	650.8M	29.84	46.00	-16.16	-0.64	3	H	0	1.00	-
2437MHz	Pass	PK	850.62M	37.15	46.00	-8.85	2.19	3	H	0	1.00	-
2437MHz	Pass	PK	30M	31.66	40.00	-8.34	-4.25	3	V	0	1.00	-
2437MHz	Pass	PK	97.9M	35.16	43.50	-8.34	-10.88	3	V	0	1.00	-
2437MHz	Pass	PK	350.1M	34.60	46.00	-11.40	-5.39	3	V	0	1.00	-
2437MHz	Pass	PK	449.04M	33.11	46.00	-12.89	-3.06	3	V	0	1.00	-
2437MHz	Pass	PK	695.42M	39.80	46.00	-6.20	-0.38	3	V	0	1.00	-
2437MHz	Pass	QP	35.82M	36.95	40.00	-3.05	-7.10	3	V	156	1.06	-

802.11g_(6Mbps)_1TX

2437MHz_Adapter Mode

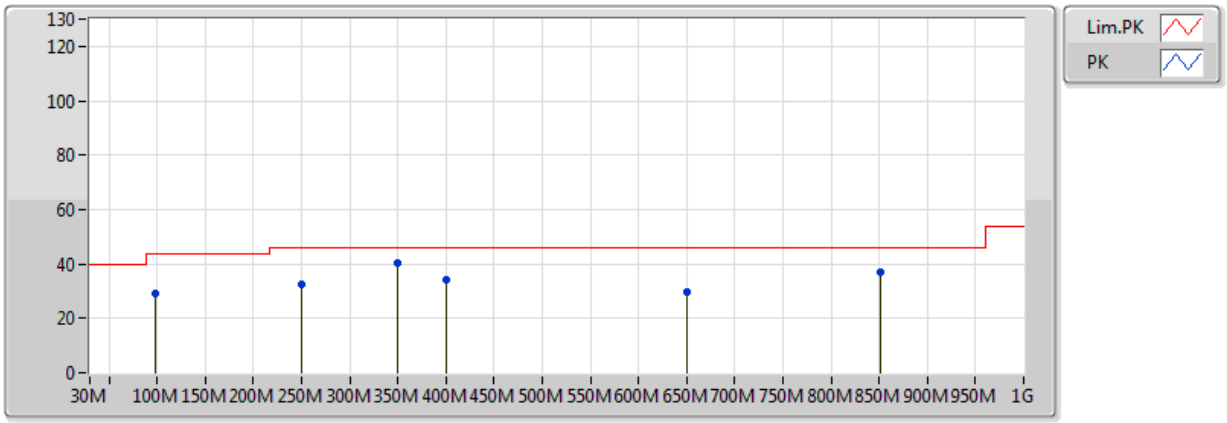


EUT=Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	30M	31.66	40.00	-8.34	-4.25	3	V	0	1.00	-
PK	97.9M	35.16	43.50	-8.34	-10.88	3	V	0	1.00	-
PK	350.1M	34.60	46.00	-11.40	-5.39	3	V	0	1.00	-
PK	449.04M	33.11	46.00	-12.89	-3.06	3	V	0	1.00	-
PK	695.42M	39.80	46.00	-6.20	-0.38	3	V	0	1.00	-
QP	35.82M	36.95	40.00	-3.05	-7.10	3	V	156	1.06	-

802.11g_(6Mbps)_1TX

2437MHz_Adapter Mode



EUT=Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	97.9M	29.27	43.50	-14.23	-10.88	3	H	0	1.00	-
PK	249.22M	32.48	46.00	-13.52	-7.56	3	H	0	1.00	-
PK	350.1M	40.10	46.00	-5.90	-5.39	3	H	0	1.00	-
PK	400.54M	34.09	46.00	-11.91	-3.96	3	H	0	1.00	-
PK	650.8M	29.84	46.00	-16.16	-0.64	3	H	0	1.00	-
PK	850.62M	37.15	46.00	-8.85	2.19	3	H	0	1.00	-

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
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	AV	2.39G	53.74	54.00	-0.26	35.81	3	H	228	3.38	-

Result

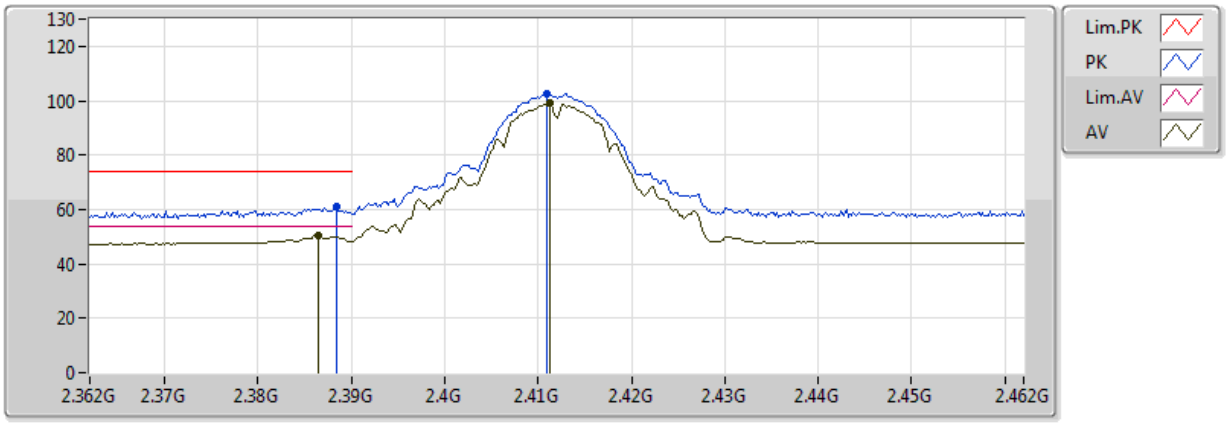
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11b_(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3862G	51.44	54.00	-2.56	35.80	3	H	278	3.38	-
2412MHz	Pass	AV	2.4112G	100.40	Inf	-Inf	35.85	3	H	278	3.38	-
2412MHz	Pass	AV	4.824G	41.76	54.00	-12.24	5.06	3	H	119	3.56	-
2412MHz	Pass	PK	2.3836G	61.19	74.00	-12.81	35.80	3	H	278	3.38	-
2412MHz	Pass	PK	2.413G	104.01	Inf	-Inf	35.86	3	H	278	3.38	-
2412MHz	Pass	PK	4.824G	49.23	74.00	-24.77	5.06	3	H	119	3.56	-
2412MHz	Pass	AV	2.3864G	50.39	54.00	-3.61	35.80	3	V	241	2.96	-
2412MHz	Pass	AV	2.4112G	98.92	Inf	-Inf	35.85	3	V	241	2.96	-
2412MHz	Pass	AV	4.824G	40.22	54.00	-13.78	5.06	3	V	355	2.55	-
2412MHz	Pass	PK	2.3884G	61.04	74.00	-12.96	35.81	3	V	241	2.96	-
2412MHz	Pass	PK	2.411G	102.63	Inf	-Inf	35.85	3	V	241	2.96	-
2412MHz	Pass	PK	4.824G	48.71	74.00	-25.29	5.06	3	V	355	2.55	-
2437MHz	Pass	AV	2.3886G	47.73	54.00	-6.27	35.81	3	H	296	3.29	-
2437MHz	Pass	AV	2.4362G	98.62	Inf	-Inf	35.90	3	H	296	3.29	-
2437MHz	Pass	AV	2.4994G	48.24	54.00	-5.76	36.03	3	H	296	3.29	-
2437MHz	Pass	AV	4.874G	48.86	54.00	-5.14	5.07	3	H	68	3.31	-
2437MHz	Pass	PK	2.3394G	59.42	74.00	-14.58	35.71	3	H	296	3.29	-
2437MHz	Pass	PK	2.4362G	102.31	Inf	-Inf	35.90	3	H	296	3.29	-
2437MHz	Pass	PK	2.4846G	60.29	74.00	-13.71	36.00	3	H	296	3.29	-
2437MHz	Pass	PK	4.874G	53.01	74.00	-20.99	5.07	3	H	68	3.31	-
2437MHz	Pass	AV	2.389G	47.82	54.00	-6.18	35.81	3	V	245	3.25	-
2437MHz	Pass	AV	2.4362G	98.91	Inf	-Inf	35.90	3	V	245	3.25	-
2437MHz	Pass	AV	2.4978G	48.30	54.00	-5.70	36.03	3	V	245	3.25	-
2437MHz	Pass	AV	4.874G	42.87	54.00	-11.13	5.07	3	V	272	2.85	-
2437MHz	Pass	PK	2.3854G	59.51	74.00	-14.49	35.80	3	V	245	3.25	-
2437MHz	Pass	PK	2.4362G	102.53	Inf	-Inf	35.90	3	V	245	3.25	-
2437MHz	Pass	PK	2.4918G	59.69	74.00	-14.31	36.01	3	V	245	3.25	-
2437MHz	Pass	PK	4.874G	49.90	74.00	-24.10	5.07	3	V	272	2.85	-
2462MHz	Pass	AV	2.4612G	94.25	Inf	-Inf	35.95	3	H	30	1.99	-
2462MHz	Pass	AV	2.489G	48.69	54.00	-5.31	36.01	3	H	30	1.99	-
2462MHz	Pass	AV	4.924G	51.64	54.00	-2.36	5.09	3	H	63	3.43	-
2462MHz	Pass	PK	2.463G	98.00	Inf	-Inf	35.96	3	H	30	1.99	-
2462MHz	Pass	PK	2.4948G	60.05	74.00	-13.95	36.02	3	H	30	1.99	-
2462MHz	Pass	PK	4.924G	55.22	74.00	-18.78	5.09	3	H	63	3.43	-
2462MHz	Pass	AV	2.4628G	96.65	Inf	-Inf	35.96	3	V	235	3.49	-
2462MHz	Pass	AV	2.4878G	49.36	54.00	-4.64	36.01	3	V	235	3.49	-
2462MHz	Pass	AV	4.924G	42.83	54.00	-11.17	5.09	3	V	227	1.19	-
2462MHz	Pass	PK	2.463G	100.66	Inf	-Inf	35.96	3	V	235	3.49	-
2462MHz	Pass	PK	2.489G	60.60	74.00	-13.40	36.01	3	V	235	3.49	-
2462MHz	Pass	PK	4.924G	50.16	74.00	-23.84	5.09	3	V	227	1.19	-
802.11g_(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	53.06	54.00	-0.94	35.81	3	H	279	3.35	-
2412MHz	Pass	AV	2.4128G	92.46	Inf	-Inf	35.86	3	H	279	3.35	-
2412MHz	Pass	AV	4.824G	38.08	54.00	-15.92	5.06	3	H	58	3.58	-
2412MHz	Pass	PK	2.3896G	70.53	74.00	-3.47	35.81	3	H	279	3.35	-
2412MHz	Pass	PK	2.4118G	104.05	Inf	-Inf	35.85	3	H	279	3.35	-
2412MHz	Pass	PK	4.824G	48.99	74.00	-25.01	5.06	3	H	58	3.58	-
2412MHz	Pass	AV	2.39G	51.66	54.00	-2.34	35.81	3	V	229	2.98	-

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	2.4112G	91.16	Inf	-Inf	35.85	3	V	229	2.98	-
2412MHz	Pass	AV	4.824G	34.41	54.00	-19.59	5.06	3	V	264	2.56	-
2412MHz	Pass	PK	2.3896G	69.07	74.00	-4.93	35.81	3	V	229	2.98	-
2412MHz	Pass	PK	2.4118G	101.94	Inf	-Inf	35.85	3	V	229	2.98	-
2412MHz	Pass	PK	4.824G	47.31	74.00	-26.69	5.06	3	V	264	2.56	-
2437MHz	Pass	AV	2.389998G	48.58	54.00	-5.42	35.81	3	H	291	3.30	-
2437MHz	Pass	AV	2.4362G	93.11	Inf	-Inf	35.90	3	H	291	3.30	-
2437MHz	Pass	AV	2.4982G	48.24	54.00	-5.76	36.03	3	H	291	3.30	-
2437MHz	Pass	AV	4.874G	38.61	54.00	-15.39	5.07	3	H	64	3.49	-
2437MHz	Pass	PK	2.389G	59.81	74.00	-14.19	35.81	3	H	291	3.30	-
2437MHz	Pass	PK	2.4358G	103.47	Inf	-Inf	35.90	3	H	291	3.30	-
2437MHz	Pass	PK	2.4898G	59.69	74.00	-14.31	36.01	3	H	291	3.30	-
2437MHz	Pass	PK	4.874G	49.88	74.00	-24.12	5.07	3	H	64	3.49	-
2437MHz	Pass	AV	2.3894G	48.51	54.00	-5.49	35.81	3	V	241	3.59	-
2437MHz	Pass	AV	2.4378G	93.06	Inf	-Inf	35.91	3	V	241	3.59	-
2437MHz	Pass	AV	2.4842G	48.43	54.00	-5.57	36.00	3	V	241	3.59	-
2437MHz	Pass	AV	4.874G	34.80	54.00	-19.20	5.07	3	V	272	3.35	-
2437MHz	Pass	PK	2.389G	59.76	74.00	-14.24	35.81	3	V	241	3.59	-
2437MHz	Pass	PK	2.4358G	103.47	Inf	-Inf	35.90	3	V	241	3.59	-
2437MHz	Pass	PK	2.4886G	59.31	74.00	-14.69	36.01	3	V	241	3.59	-
2437MHz	Pass	PK	4.874G	47.13	74.00	-26.87	5.07	3	V	272	3.35	-
2462MHz	Pass	AV	2.4628G	88.71	Inf	-Inf	35.96	3	H	38	2.14	-
2462MHz	Pass	AV	2.483502G	50.03	54.00	-3.97	36.00	3	H	38	2.14	-
2462MHz	Pass	AV	4.924G	39.02	54.00	-14.98	5.09	3	H	57	3.41	-
2462MHz	Pass	PK	2.4622G	99.84	Inf	-Inf	35.95	3	H	38	2.14	-
2462MHz	Pass	PK	2.4836G	66.14	74.00	-7.86	36.00	3	H	38	2.14	-
2462MHz	Pass	PK	4.924G	51.81	74.00	-22.19	5.09	3	H	57	3.41	-
2462MHz	Pass	AV	2.463G	91.35	Inf	-Inf	35.96	3	V	235	3.50	-
2462MHz	Pass	AV	2.483502G	53.28	54.00	-0.72	36.00	3	V	235	3.50	-
2462MHz	Pass	AV	4.924G	35.13	54.00	-18.87	5.09	3	V	274	2.95	-
2462MHz	Pass	PK	2.462G	102.78	Inf	-Inf	35.95	3	V	235	3.50	-
2462MHz	Pass	PK	2.4836G	70.86	74.00	-3.14	36.00	3	V	235	3.50	-
2462MHz	Pass	PK	4.924G	48.11	74.00	-25.89	5.09	3	V	274	2.95	-
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	53.74	54.00	-0.26	35.81	3	H	228	3.38	-
2412MHz	Pass	AV	2.411G	91.54	Inf	-Inf	35.85	3	H	228	3.38	-
2412MHz	Pass	AV	4.824G	35.36	54.00	-18.64	5.06	3	H	360	1.50	-
2412MHz	Pass	PK	2.3892G	71.54	74.00	-2.46	35.81	3	H	228	3.38	-
2412MHz	Pass	PK	2.4122G	102.35	Inf	-Inf	35.85	3	H	228	3.38	-
2412MHz	Pass	PK	4.824G	47.35	74.00	-26.65	5.06	3	H	360	1.50	-
2412MHz	Pass	AV	2.39G	53.53	54.00	-0.47	35.81	3	V	305	3.32	-
2412MHz	Pass	AV	2.4112G	90.82	Inf	-Inf	35.85	3	V	305	3.32	-
2412MHz	Pass	AV	4.824G	33.60	54.00	-20.40	5.06	3	V	0	1.50	-
2412MHz	Pass	PK	2.39G	70.41	74.00	-3.59	35.81	3	V	305	3.32	-
2412MHz	Pass	PK	2.4122G	101.93	Inf	-Inf	35.85	3	V	305	3.32	-
2412MHz	Pass	PK	4.824G	47.83	74.00	-26.17	5.06	3	V	0	1.50	-
2437MHz	Pass	AV	2.3886G	48.23	54.00	-5.77	35.81	3	H	4	3.32	-
2437MHz	Pass	AV	2.4358G	91.44	Inf	-Inf	35.90	3	H	4	3.32	-
2437MHz	Pass	AV	2.4994G	47.86	54.00	-6.14	36.03	3	H	4	3.32	-

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	4.874G	35.36	54.00	-18.64	5.07	3	H	360	1.50	-
2437MHz	Pass	PK	2.3894G	59.57	74.00	-14.43	35.81	3	H	4	3.32	-
2437MHz	Pass	PK	2.4314G	102.81	Inf	-Inf	35.89	3	H	4	3.32	-
2437MHz	Pass	PK	2.4954G	59.64	74.00	-14.36	36.02	3	H	4	3.32	-
2437MHz	Pass	PK	4.874G	48.37	74.00	-25.63	5.07	3	H	360	1.50	-
2437MHz	Pass	AV	2.3894G	48.27	54.00	-5.73	35.81	3	V	307	3.26	-
2437MHz	Pass	AV	2.4362G	92.54	Inf	-Inf	35.90	3	V	307	3.26	-
2437MHz	Pass	AV	2.4902G	47.95	54.00	-6.05	36.01	3	V	307	3.26	-
2437MHz	Pass	AV	4.874G	32.98	54.00	-21.02	5.07	3	V	0	1.50	-
2437MHz	Pass	PK	2.3894G	59.61	74.00	-14.39	35.81	3	V	307	3.26	-
2437MHz	Pass	PK	2.4358G	103.49	Inf	-Inf	35.90	3	V	307	3.26	-
2437MHz	Pass	PK	2.4934G	59.98	74.00	-14.02	36.02	3	V	307	3.26	-
2437MHz	Pass	PK	4.874G	47.32	74.00	-26.68	5.07	3	V	0	1.50	-
2462MHz	Pass	AV	2.461G	88.71	Inf	-Inf	35.95	3	H	88	1.18	-
2462MHz	Pass	AV	2.4836G	48.66	54.00	-5.34	36.00	3	H	88	1.18	-
2462MHz	Pass	AV	4.924G	36.27	54.00	-17.73	5.09	3	H	360	1.50	-
2462MHz	Pass	PK	2.462G	100.03	Inf	-Inf	35.95	3	H	88	1.18	-
2462MHz	Pass	PK	2.483502G	62.53	74.00	-11.47	36.00	3	H	88	1.18	-
2462MHz	Pass	PK	4.924G	49.30	74.00	-24.70	5.09	3	H	360	1.50	-
2462MHz	Pass	AV	2.461G	87.81	Inf	-Inf	35.95	3	V	161	2.21	-
2462MHz	Pass	AV	2.483502G	49.31	54.00	-4.69	36.00	3	V	161	2.21	-
2462MHz	Pass	AV	4.924G	33.49	54.00	-20.51	5.09	3	V	0	1.50	-
2462MHz	Pass	PK	2.4618G	99.22	Inf	-Inf	35.95	3	V	161	2.21	-
2462MHz	Pass	PK	2.483502G	64.47	74.00	-9.53	36.00	3	V	161	2.21	-
2462MHz	Pass	PK	4.924G	47.55	74.00	-26.45	5.09	3	V	0	1.50	-

802.11b_(1Mbps)_1TX

2412MHz_TX

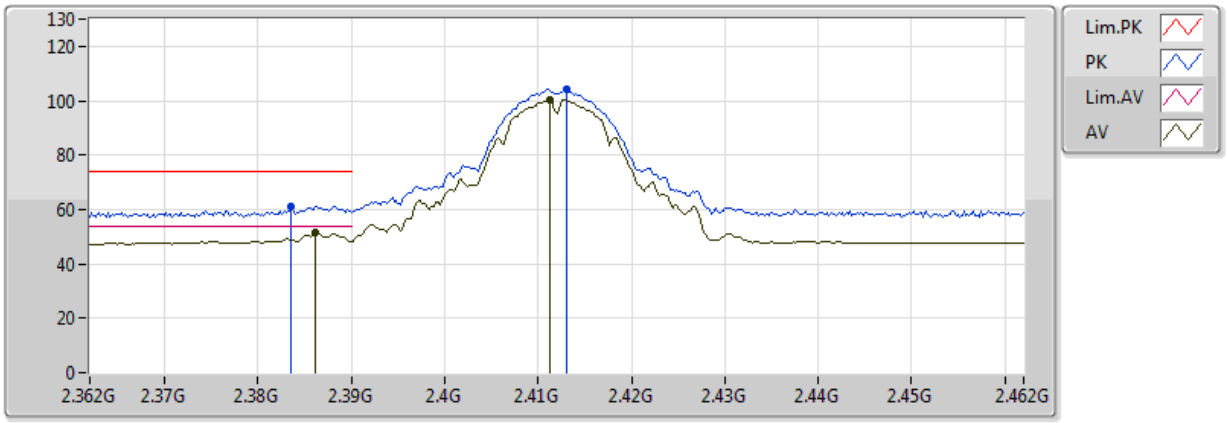


EUT= Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3864G	50.39	54.00	-3.61	35.80	3	V	241	2.96	-
AV	2.4112G	98.92	Inf	-Inf	35.85	3	V	241	2.96	-
PK	2.3884G	61.04	74.00	-12.96	35.81	3	V	241	2.96	-
PK	2.411G	102.63	Inf	-Inf	35.85	3	V	241	2.96	-

802.11b_(1Mbps)_1TX

2412MHz_TX

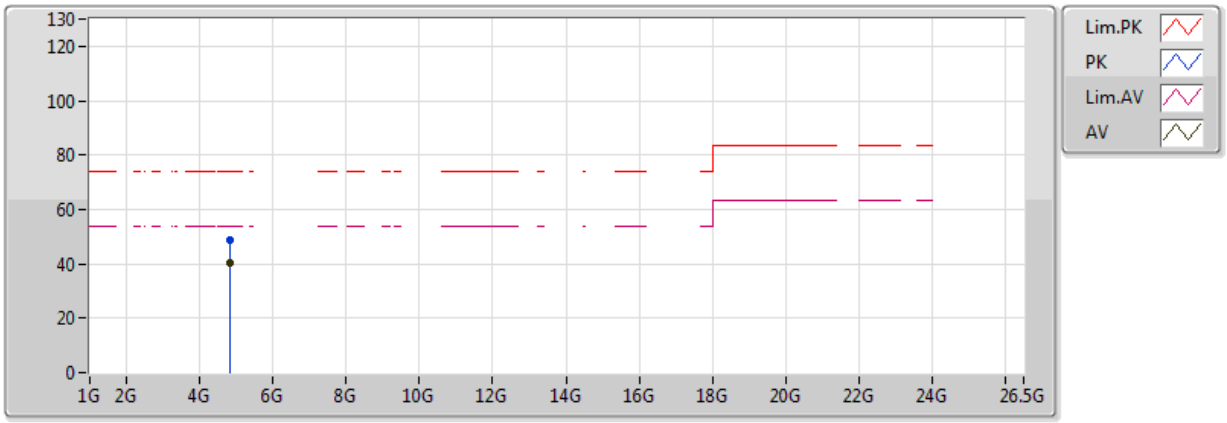


EUT= Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3862G	51.44	54.00	-2.56	35.80	3	H	278	3.38	-
AV	2.4112G	100.40	Inf	-Inf	35.85	3	H	278	3.38	-
PK	2.3836G	61.19	74.00	-12.81	35.80	3	H	278	3.38	-
PK	2.413G	104.01	Inf	-Inf	35.86	3	H	278	3.38	-

802.11b_(1Mbps)_1TX

2412MHz_TX

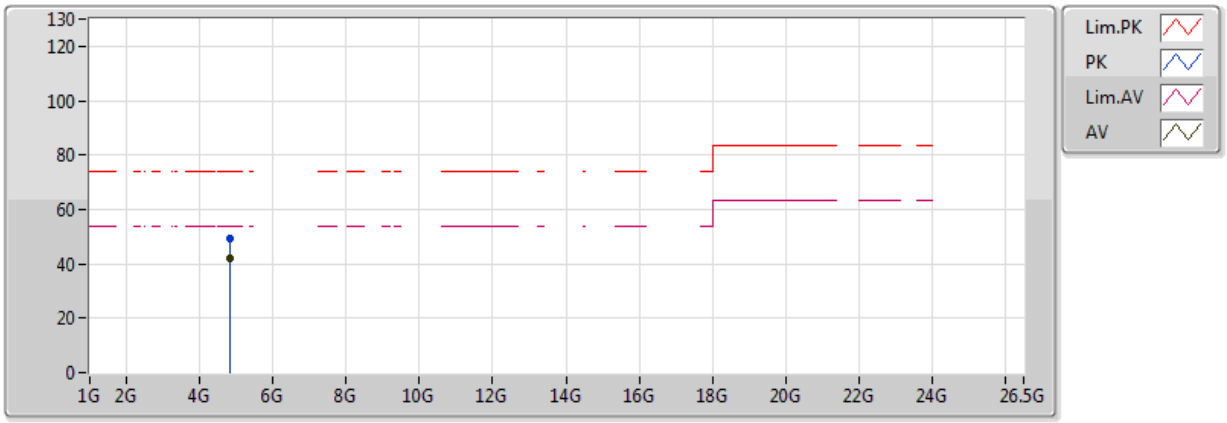


EUT= Z axis

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	40.22	54.00	-13.78	5.06	3	V	355	2.55	-
PK	4.824G	48.71	74.00	-25.29	5.06	3	V	355	2.55	-

802.11b_(1Mbps)_1TX

2412MHz_TX

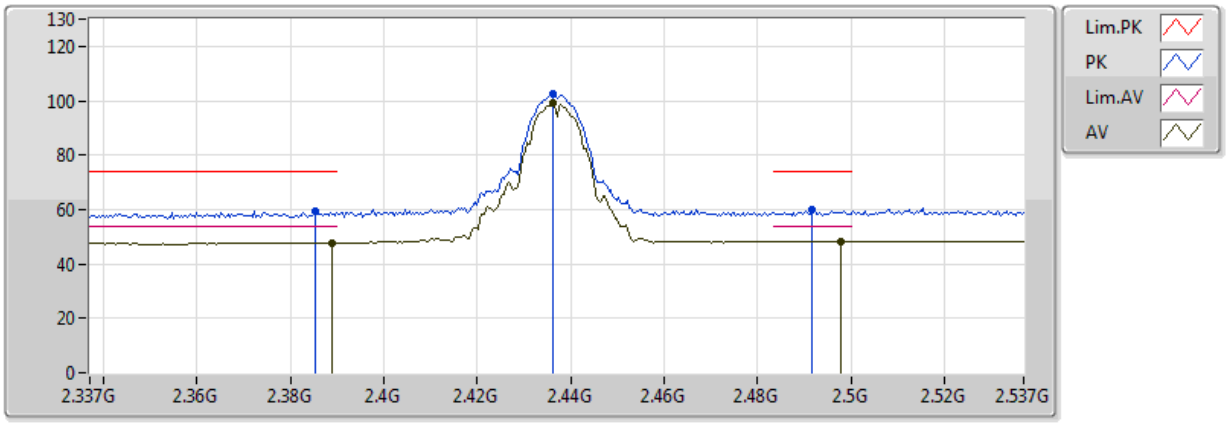


EUT= Z axis

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	41.76	54.00	-12.24	5.06	3	H	119	3.56	-
PK	4.824G	49.23	74.00	-24.77	5.06	3	H	119	3.56	-

802.11b_(1Mbps)_1TX

2437MHz_TX

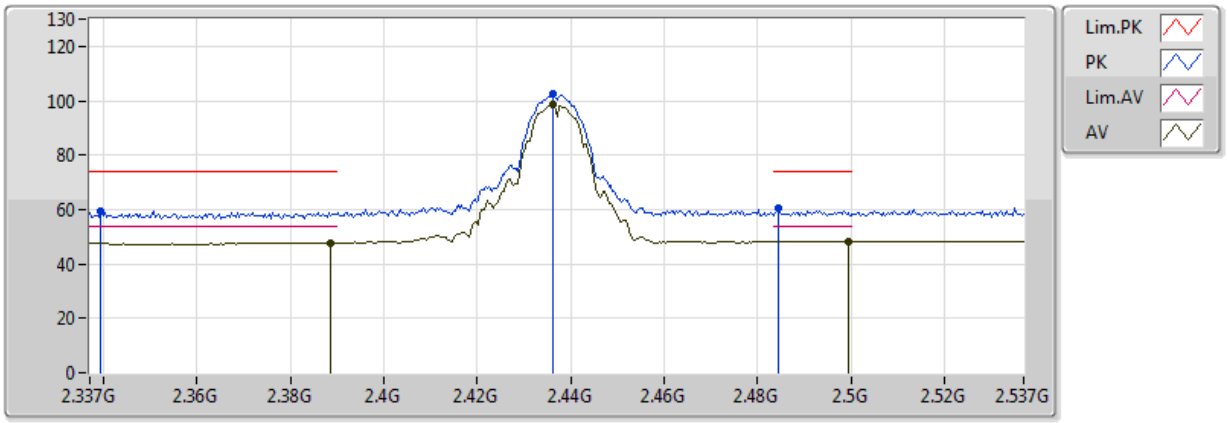


EUT= Z axis

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	47.82	54.00	-6.18	35.81	3	V	245	3.25	-
AV	2.4362G	98.91	Inf	-Inf	35.90	3	V	245	3.25	-
AV	2.4978G	48.30	54.00	-5.70	36.03	3	V	245	3.25	-
PK	2.3854G	59.51	74.00	-14.49	35.80	3	V	245	3.25	-
PK	2.4362G	102.53	Inf	-Inf	35.90	3	V	245	3.25	-
PK	2.4918G	59.69	74.00	-14.31	36.01	3	V	245	3.25	-

802.11b_(1Mbps)_1TX

2437MHz_TX

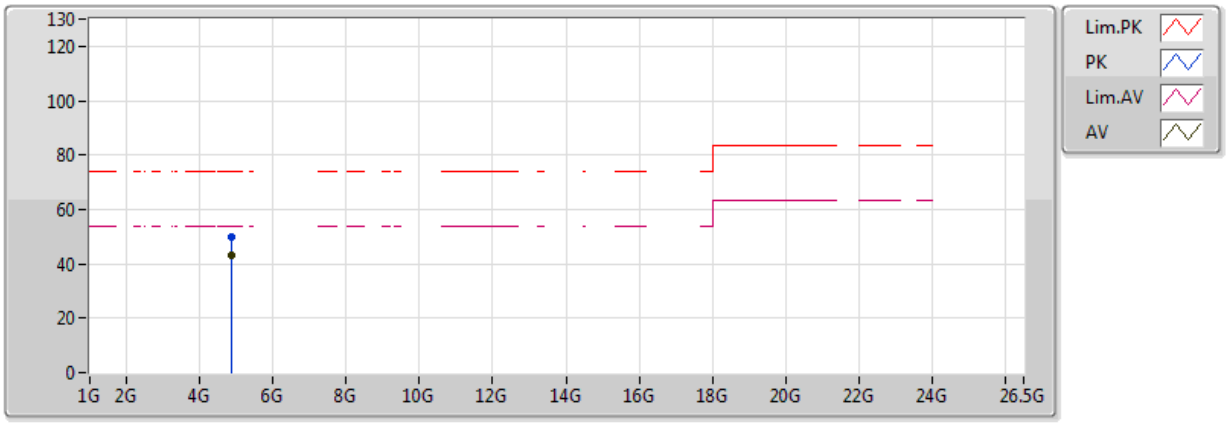


EUT= Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3886G	47.73	54.00	-6.27	35.81	3	H	296	3.29	-
AV	2.4362G	98.62	Inf	-Inf	35.90	3	H	296	3.29	-
AV	2.4994G	48.24	54.00	-5.76	36.03	3	H	296	3.29	-
PK	2.3394G	59.42	74.00	-14.58	35.71	3	H	296	3.29	-
PK	2.4362G	102.31	Inf	-Inf	35.90	3	H	296	3.29	-
PK	2.4846G	60.29	74.00	-13.71	36.00	3	H	296	3.29	-

802.11b_(1Mbps)_1TX

2437MHz_TX

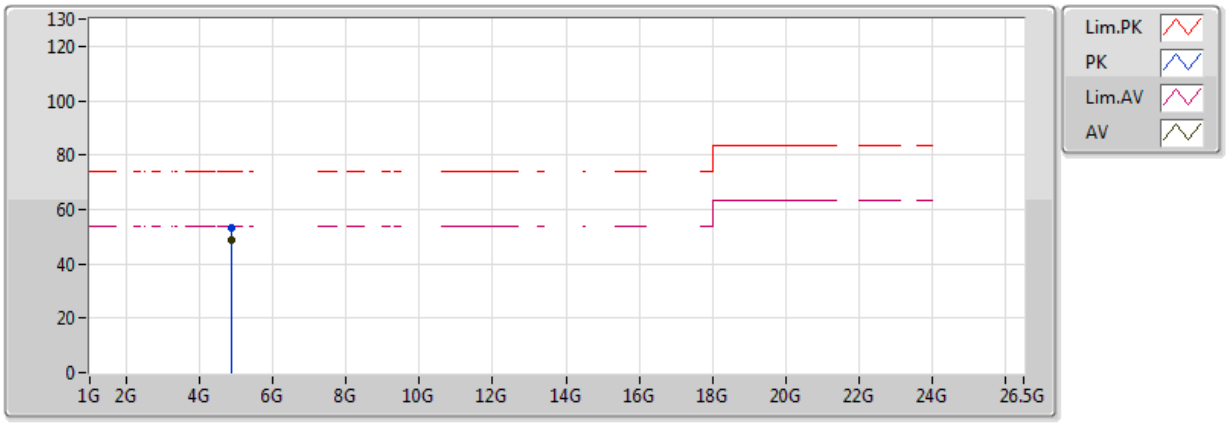


EUT= Z axis

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	42.87	54.00	-11.13	5.07	3	V	272	2.85	-
PK	4.874G	49.90	74.00	-24.10	5.07	3	V	272	2.85	-

802.11b_(1Mbps)_1TX

2437MHz_TX

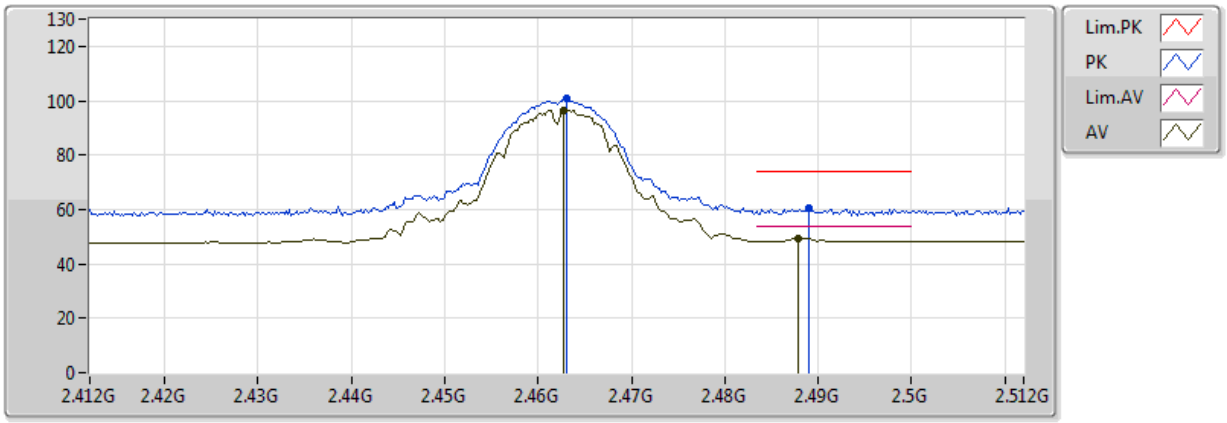


EUT= Z axis

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	48.86	54.00	-5.14	5.07	3	H	68	3.31	-
PK	4.874G	53.01	74.00	-20.99	5.07	3	H	68	3.31	-

802.11b_(1Mbps)_1TX

2462MHz_TX

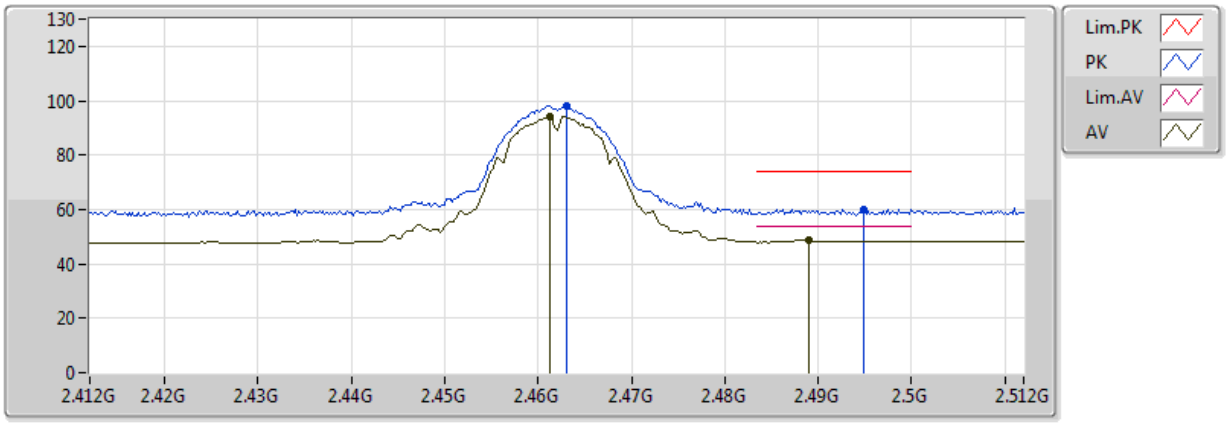


EUT= Z axis

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	96.65	Inf	-Inf	35.96	3	V	235	3.49	-
AV	2.4878G	49.36	54.00	-4.64	36.01	3	V	235	3.49	-
PK	2.463G	100.66	Inf	-Inf	35.96	3	V	235	3.49	-
PK	2.489G	60.60	74.00	-13.40	36.01	3	V	235	3.49	-

802.11b_(1Mbps)_1TX

2462MHz_TX

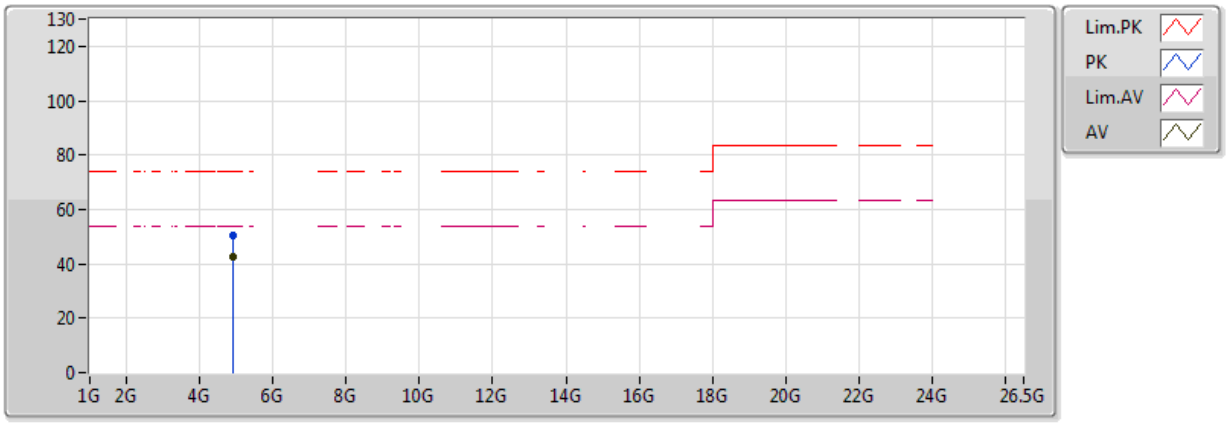


EUT= Z axis

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	94.25	Inf	-Inf	35.95	3	H	30	1.99	-
AV	2.489G	48.69	54.00	-5.31	36.01	3	H	30	1.99	-
PK	2.463G	98.00	Inf	-Inf	35.96	3	H	30	1.99	-
PK	2.4948G	60.05	74.00	-13.95	36.02	3	H	30	1.99	-

802.11b_(1Mbps)_1TX

2462MHz_TX

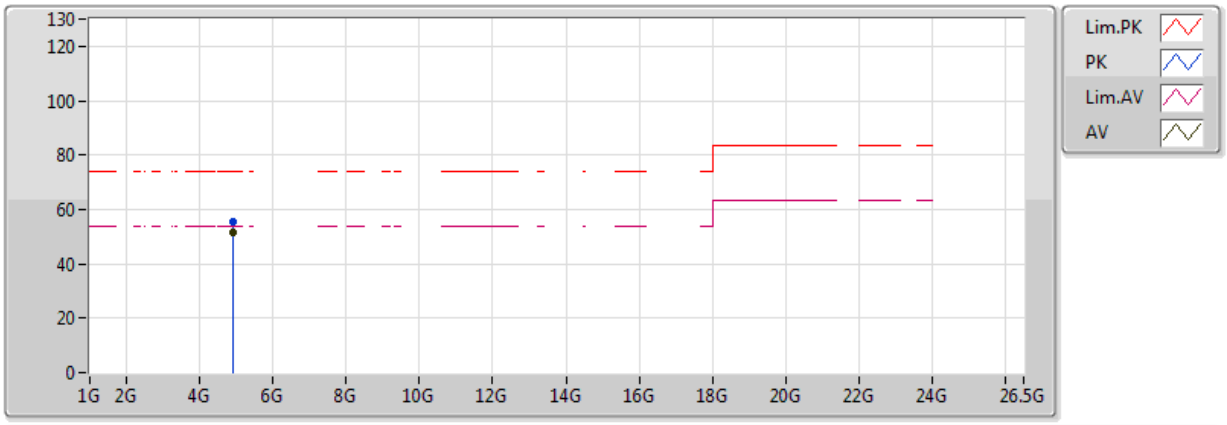


EUT= Z axis

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	42.83	54.00	-11.17	5.09	3	V	227	1.19	-
PK	4.924G	50.16	74.00	-23.84	5.09	3	V	227	1.19	-

802.11b_(1Mbps)_1TX

2462MHz_TX

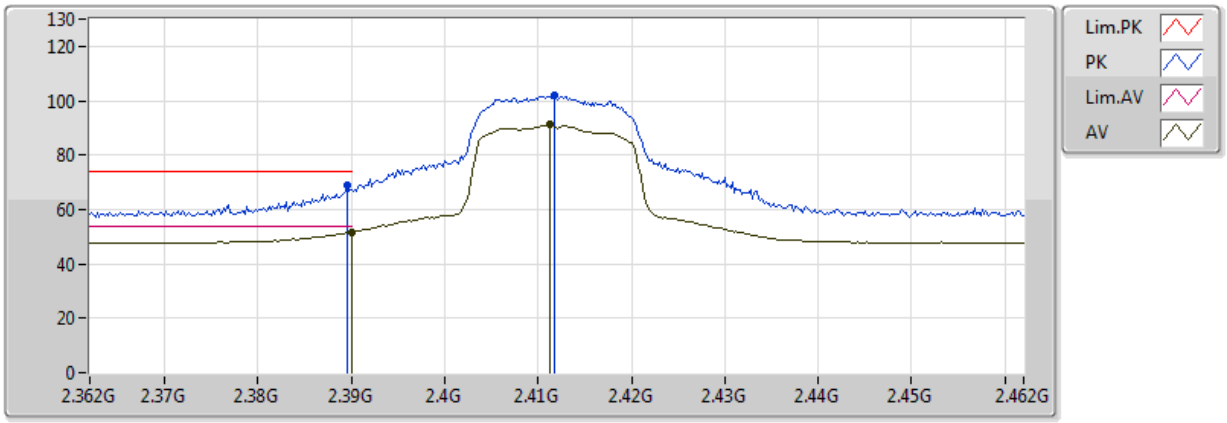


EUT= Z axis

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	51.64	54.00	-2.36	5.09	3	H	63	3.43	-
PK	4.924G	55.22	74.00	-18.78	5.09	3	H	63	3.43	-

802.11g_(6Mbps)_1TX

2412MHz_TX

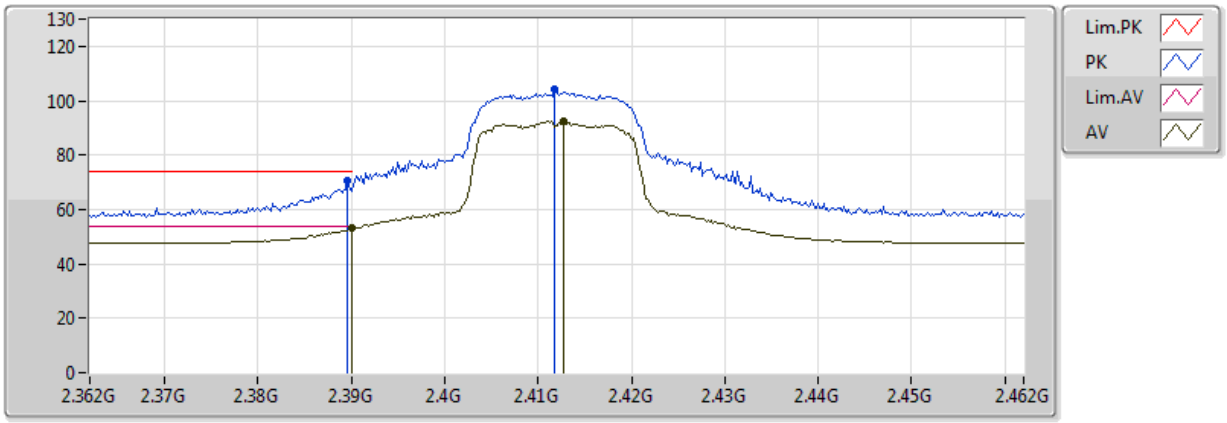


EUT= Z axis

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	51.66	54.00	-2.34	35.81	3	V	229	2.98	-
AV	2.4112G	91.16	Inf	-Inf	35.85	3	V	229	2.98	-
PK	2.3896G	69.07	74.00	-4.93	35.81	3	V	229	2.98	-
PK	2.4118G	101.94	Inf	-Inf	35.85	3	V	229	2.98	-

802.11g_(6Mbps)_1TX

2412MHz_TX

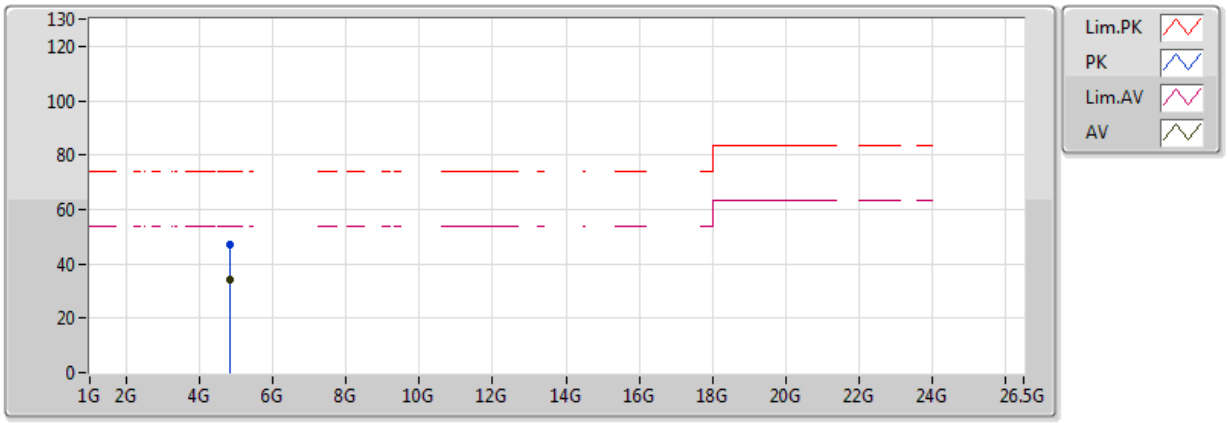


EUT= Z axis

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	53.06	54.00	-0.94	35.81	3	H	279	3.35	-
AV	2.4128G	92.46	Inf	-Inf	35.86	3	H	279	3.35	-
PK	2.3896G	70.53	74.00	-3.47	35.81	3	H	279	3.35	-
PK	2.4118G	104.05	Inf	-Inf	35.85	3	H	279	3.35	-

802.11g_(6Mbps)_1TX

2412MHz_TX

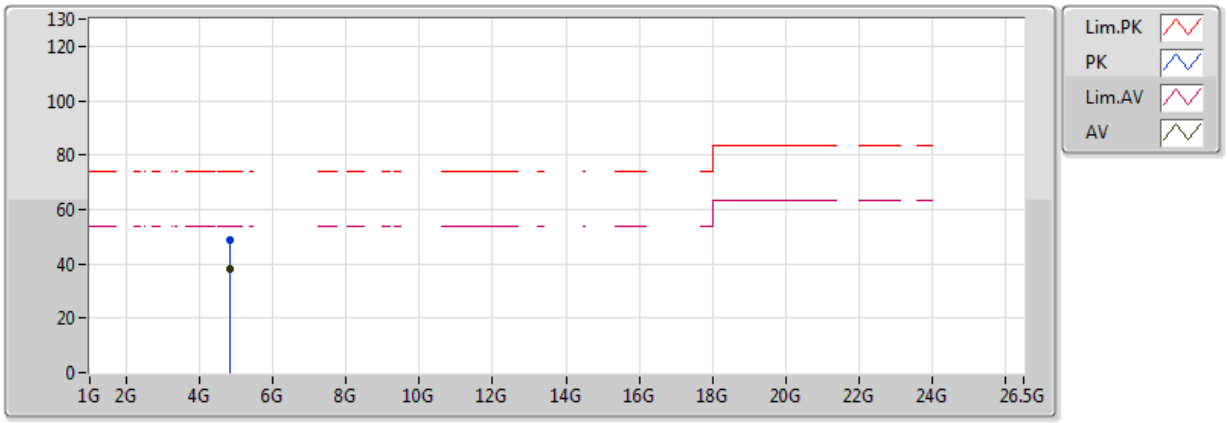


EUT= Z axis

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	34.41	54.00	-19.59	5.06	3	V	264	2.56	-
PK	4.824G	47.31	74.00	-26.69	5.06	3	V	264	2.56	-

802.11g_(6Mbps)_1TX

2412MHz_TX

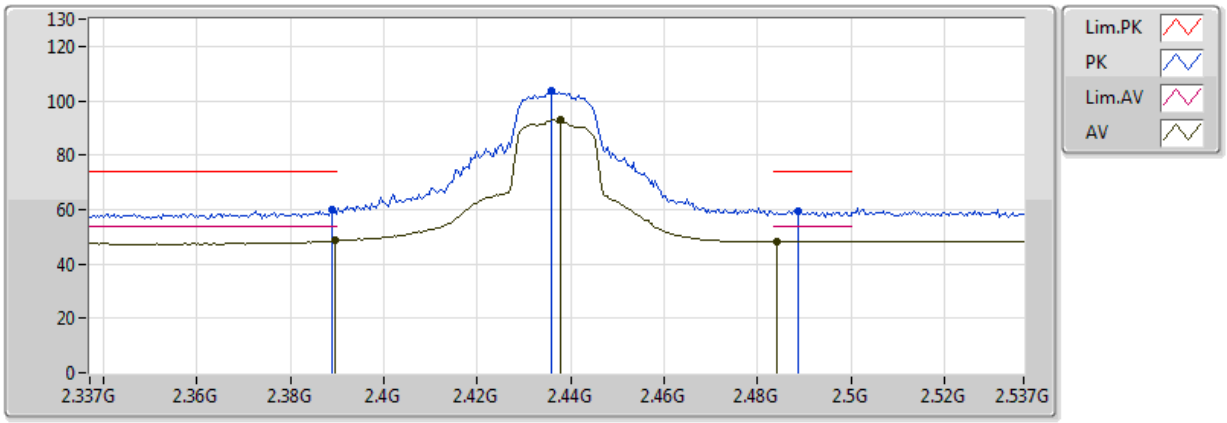


EUT= Z axis

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	38.08	54.00	-15.92	5.06	3	H	58	3.58	-
PK	4.824G	48.99	74.00	-25.01	5.06	3	H	58	3.58	-

802.11g_(6Mbps)_1TX

2437MHz_TX

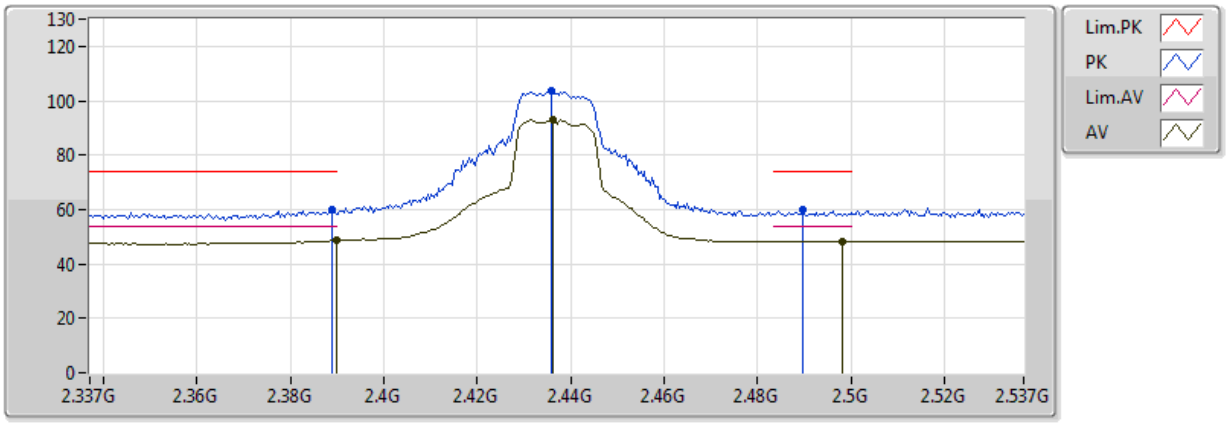


EUT= Z axis

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	48.51	54.00	-5.49	35.81	3	V	241	3.59	-
AV	2.4378G	93.06	Inf	-Inf	35.91	3	V	241	3.59	-
AV	2.4842G	48.43	54.00	-5.57	36.00	3	V	241	3.59	-
PK	2.389G	59.76	74.00	-14.24	35.81	3	V	241	3.59	-
PK	2.4358G	103.47	Inf	-Inf	35.90	3	V	241	3.59	-
PK	2.4886G	59.31	74.00	-14.69	36.01	3	V	241	3.59	-

802.11g_(6Mbps)_1TX

2437MHz_TX

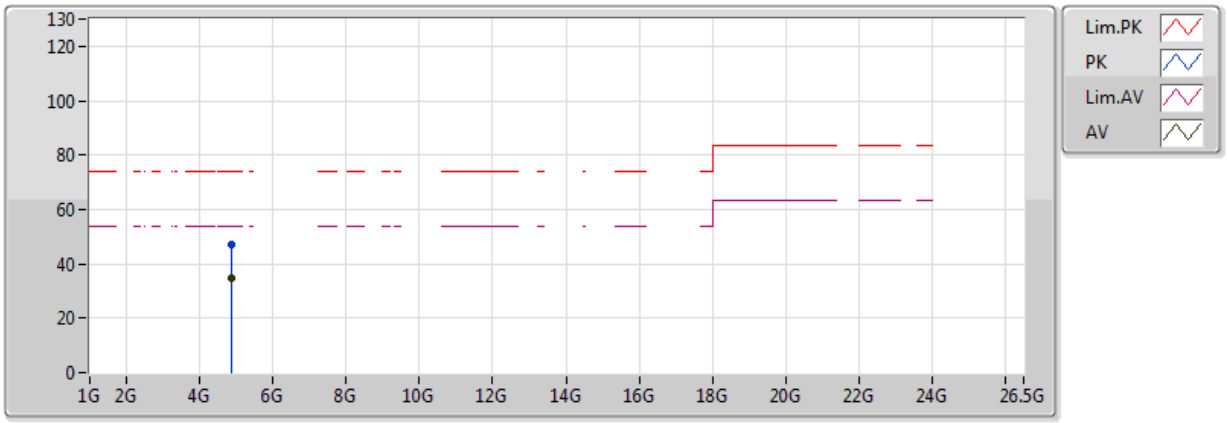


EUT= Z axis

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	48.58	54.00	-5.42	35.81	3	H	291	3.30	-
AV	2.4362G	93.11	Inf	-Inf	35.90	3	H	291	3.30	-
AV	2.4982G	48.24	54.00	-5.76	36.03	3	H	291	3.30	-
PK	2.389G	59.81	74.00	-14.19	35.81	3	H	291	3.30	-
PK	2.4358G	103.47	Inf	-Inf	35.90	3	H	291	3.30	-
PK	2.4898G	59.69	74.00	-14.31	36.01	3	H	291	3.30	-

802.11g_(6Mbps)_1TX

2437MHz_TX

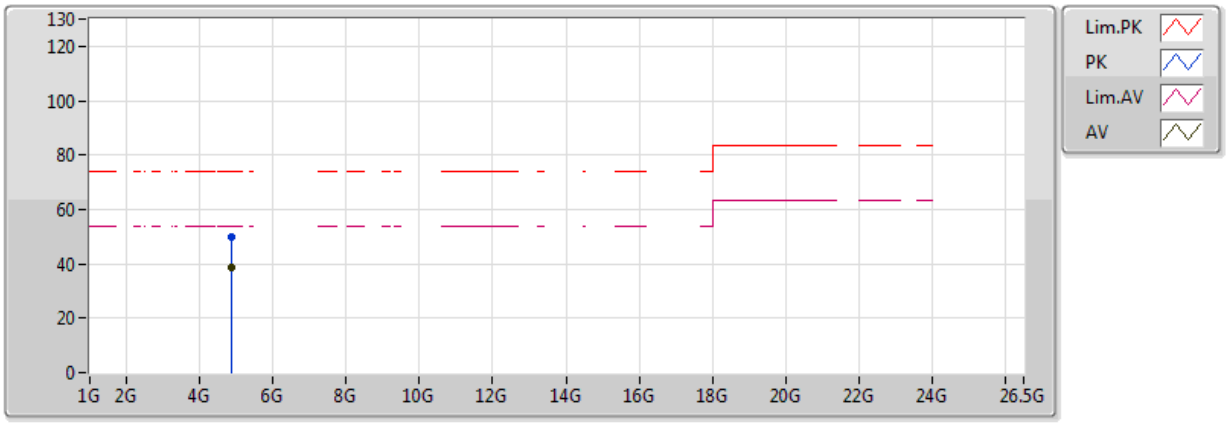


EUT= Z axis

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	34.80	54.00	-19.20	5.07	3	V	272	3.35	-
PK	4.874G	47.13	74.00	-26.87	5.07	3	V	272	3.35	-

802.11g_(6Mbps)_1TX

2437MHz_TX

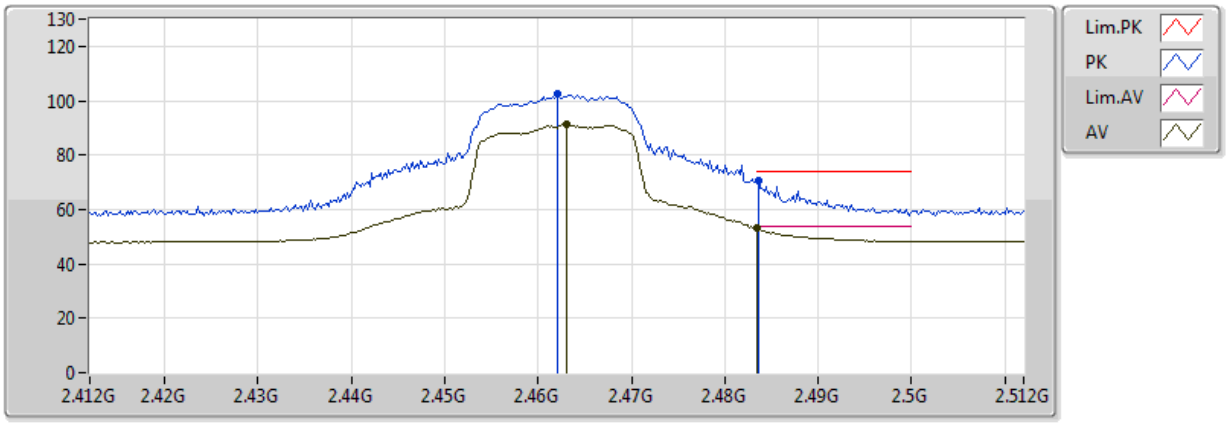


EUT= Z axis

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	38.61	54.00	-15.39	5.07	3	H	64	3.49	-
PK	4.874G	49.88	74.00	-24.12	5.07	3	H	64	3.49	-

802.11g_(6Mbps)_1TX

2462MHz_TX

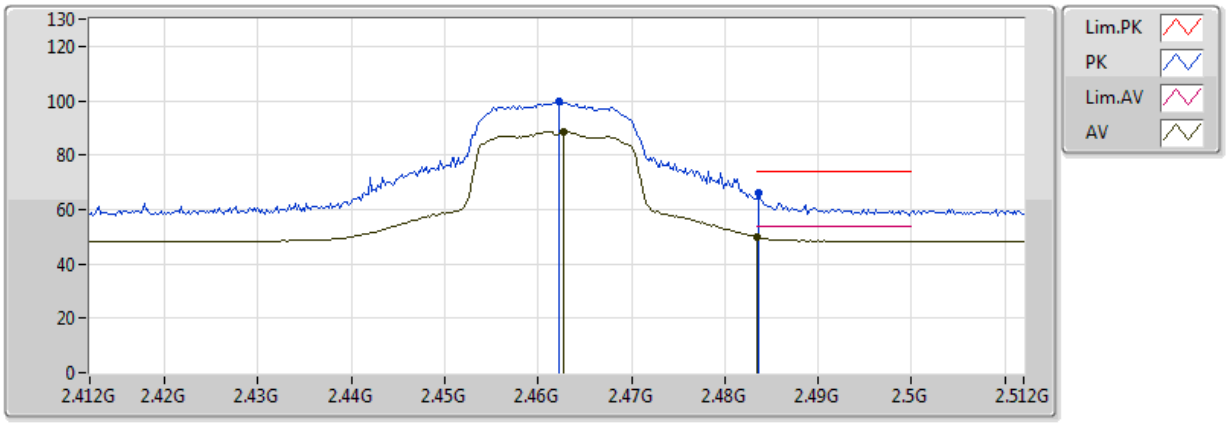


EUT= Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.463G	91.35	Inf	-Inf	35.96	3	V	235	3.50	-
AV	2.483502G	53.28	54.00	-0.72	36.00	3	V	235	3.50	-
PK	2.462G	102.78	Inf	-Inf	35.95	3	V	235	3.50	-
PK	2.4836G	70.86	74.00	-3.14	36.00	3	V	235	3.50	-

802.11g_(6Mbps)_1TX

2462MHz_TX

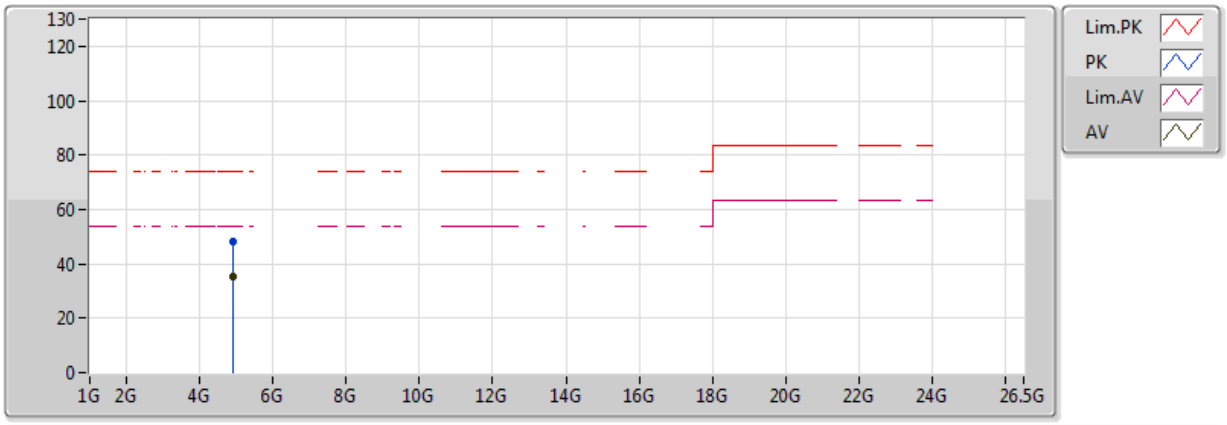


EUT= Z axis

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	88.71	Inf	-Inf	35.96	3	H	38	2.14	-
AV	2.483502G	50.03	54.00	-3.97	36.00	3	H	38	2.14	-
PK	2.4622G	99.84	Inf	-Inf	35.95	3	H	38	2.14	-
PK	2.4836G	66.14	74.00	-7.86	36.00	3	H	38	2.14	-

802.11g_(6Mbps)_1TX

2462MHz_TX

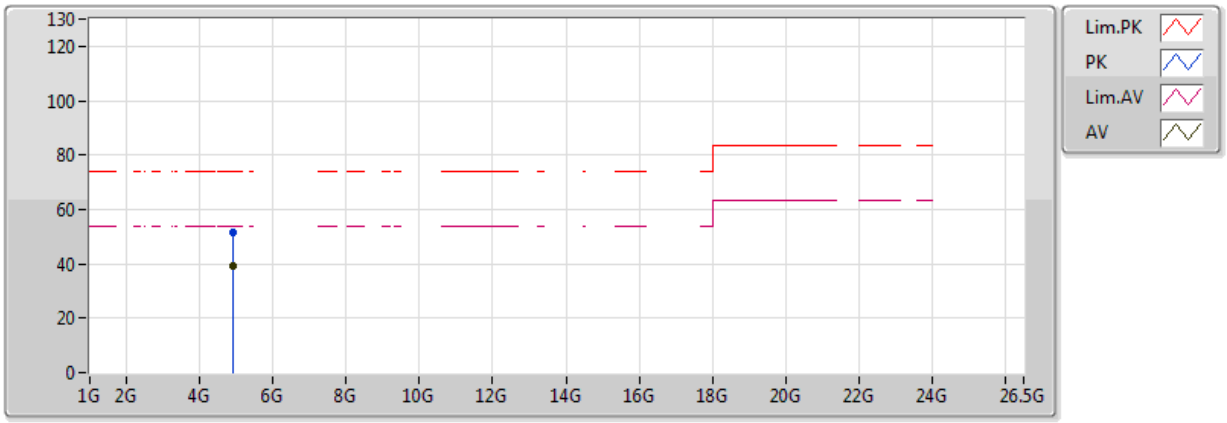


EUT= Z axis

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	35.13	54.00	-18.87	5.09	3	V	274	2.95	-
PK	4.924G	48.11	74.00	-25.89	5.09	3	V	274	2.95	-

802.11g_(6Mbps)_1TX

2462MHz_TX

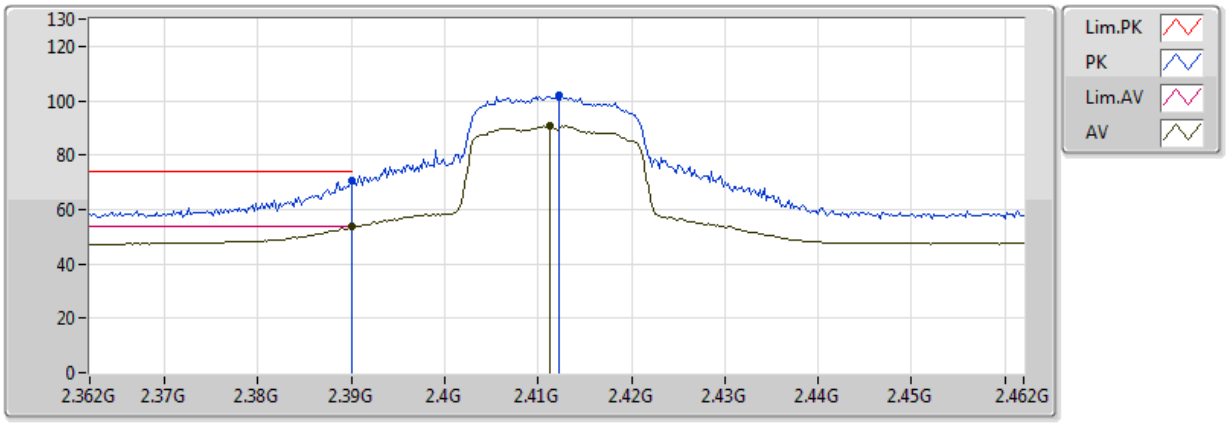


EUT= Z axis

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	39.02	54.00	-14.98	5.09	3	H	57	3.41	-
PK	4.924G	51.81	74.00	-22.19	5.09	3	H	57	3.41	-

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

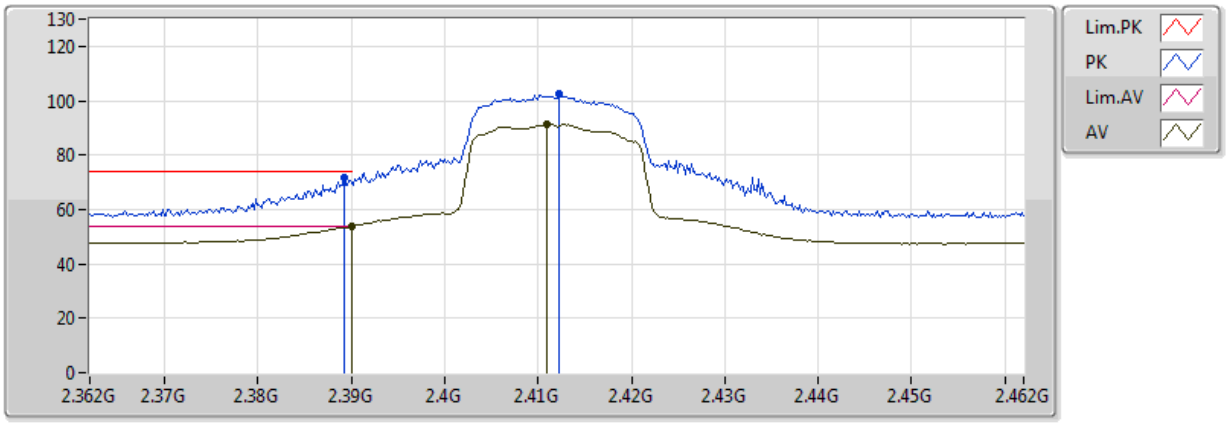


EUT= Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.4112G	90.82	Inf	-Inf	35.85	3	V	305	3.32	-
AV	2.39G	53.53	54.00	-0.47	35.81	3	V	305	3.32	-
PK	2.4122G	101.93	Inf	-Inf	35.85	3	V	305	3.32	-
PK	2.39G	70.41	74.00	-3.59	35.81	3	V	305	3.32	-

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

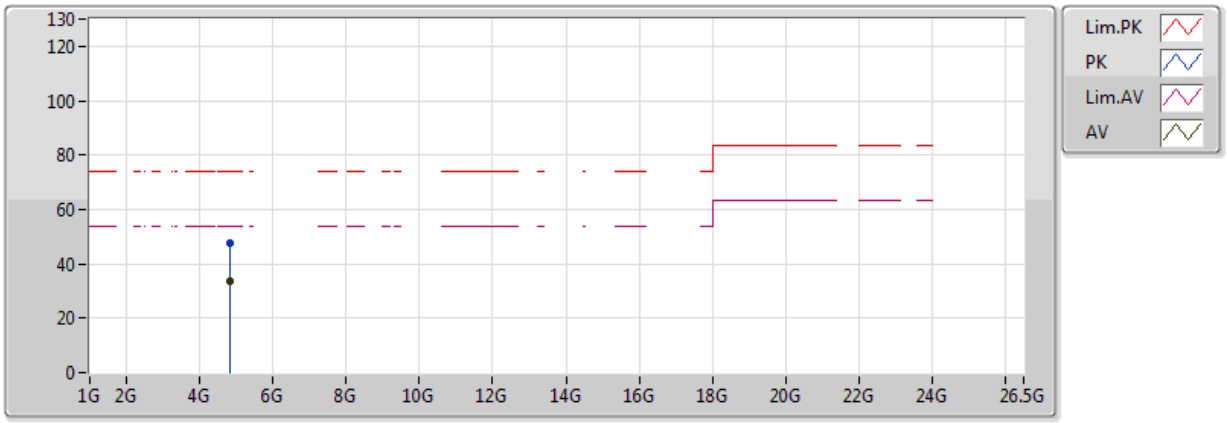


EUT= Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.411G	91.54	Inf	-Inf	35.85	3	H	228	3.38	-
AV	2.39G	53.74	54.00	-0.26	35.81	3	H	228	3.38	-
PK	2.4122G	102.35	Inf	-Inf	35.85	3	H	228	3.38	-
PK	2.3892G	71.54	74.00	-2.46	35.81	3	H	228	3.38	-

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

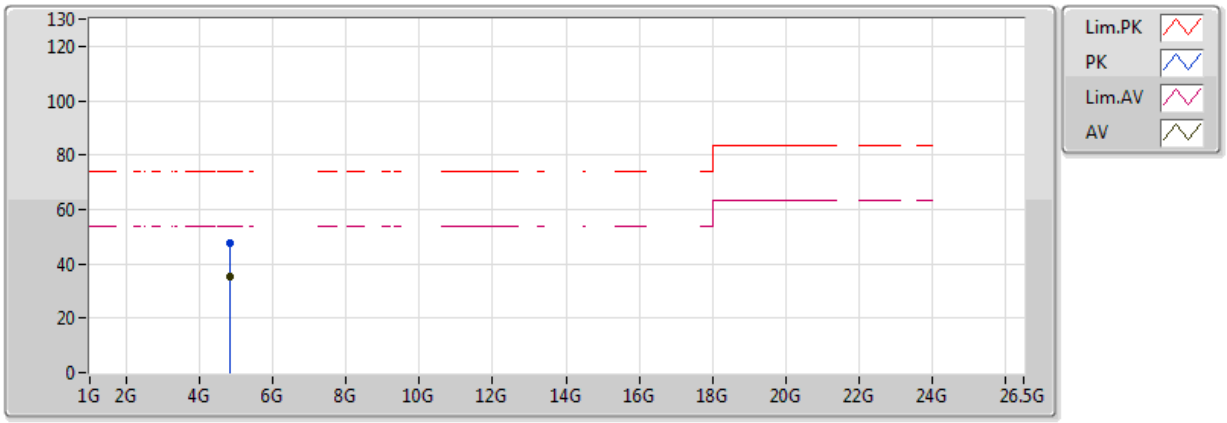


EUT= Z axis

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	33.60	54.00	-20.40	5.06	3	V	0	1.50	-
PK	4.824G	47.83	74.00	-26.17	5.06	3	V	0	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

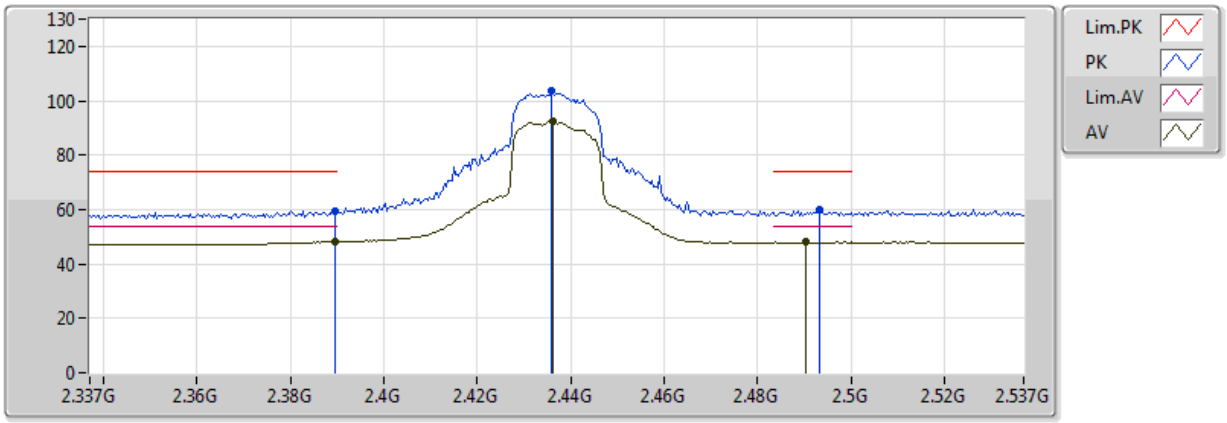


EUT= Z axis

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	35.36	54.00	-18.64	5.06	3	H	360	1.50	-
PK	4.824G	47.35	74.00	-26.65	5.06	3	H	360	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

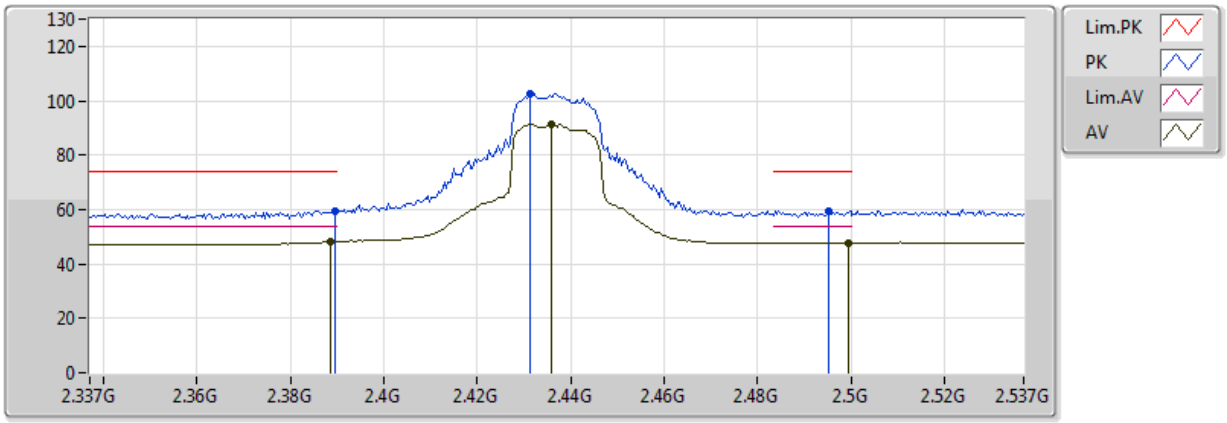


EUT= Z axis

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	48.27	54.00	-5.73	35.81	3	V	307	3.26	-
AV	2.4362G	92.54	Inf	-Inf	35.90	3	V	307	3.26	-
AV	2.4902G	47.95	54.00	-6.05	36.01	3	V	307	3.26	-
PK	2.3894G	59.61	74.00	-14.39	35.81	3	V	307	3.26	-
PK	2.4358G	103.49	Inf	-Inf	35.90	3	V	307	3.26	-
PK	2.4934G	59.98	74.00	-14.02	36.02	3	V	307	3.26	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

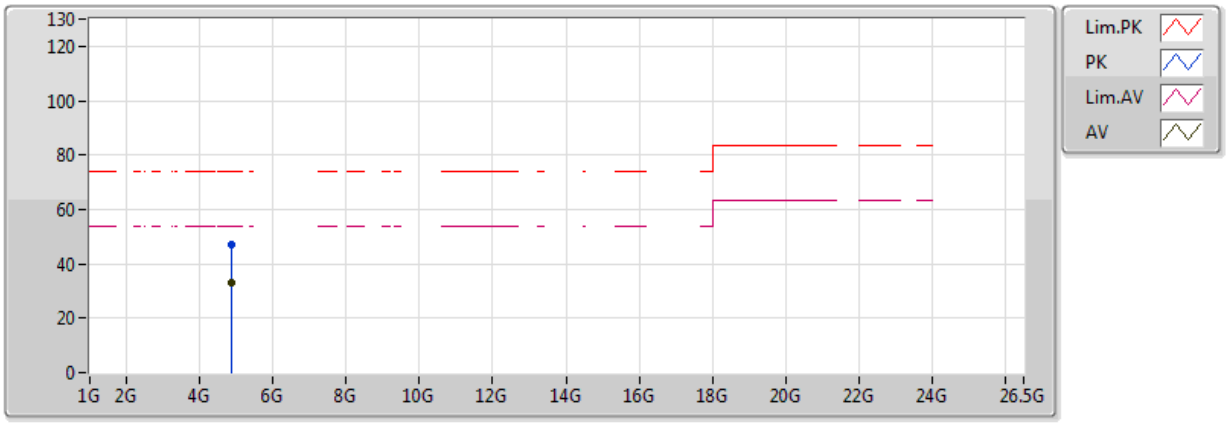


EUT= Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3886G	48.23	54.00	-5.77	35.81	3	H	4	3.32	-
AV	2.4358G	91.44	Inf	-Inf	35.90	3	H	4	3.32	-
AV	2.4994G	47.86	54.00	-6.14	36.03	3	H	4	3.32	-
PK	2.3894G	59.57	74.00	-14.43	35.81	3	H	4	3.32	-
PK	2.4314G	102.81	Inf	-Inf	35.89	3	H	4	3.32	-
PK	2.4954G	59.64	74.00	-14.36	36.02	3	H	4	3.32	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

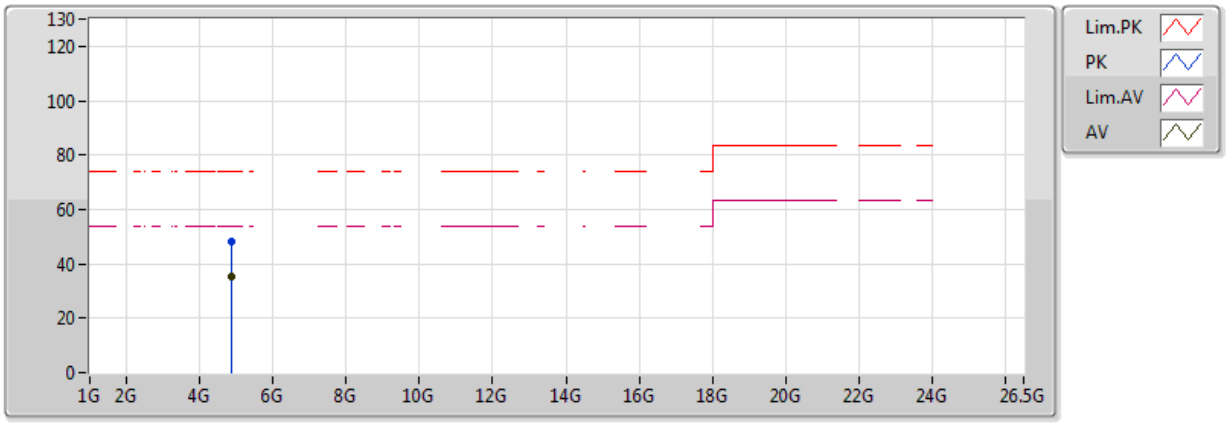


EUT= Z axis

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	32.98	54.00	-21.02	5.07	3	V	0	1.50	-
PK	4.874G	47.32	74.00	-26.68	5.07	3	V	0	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

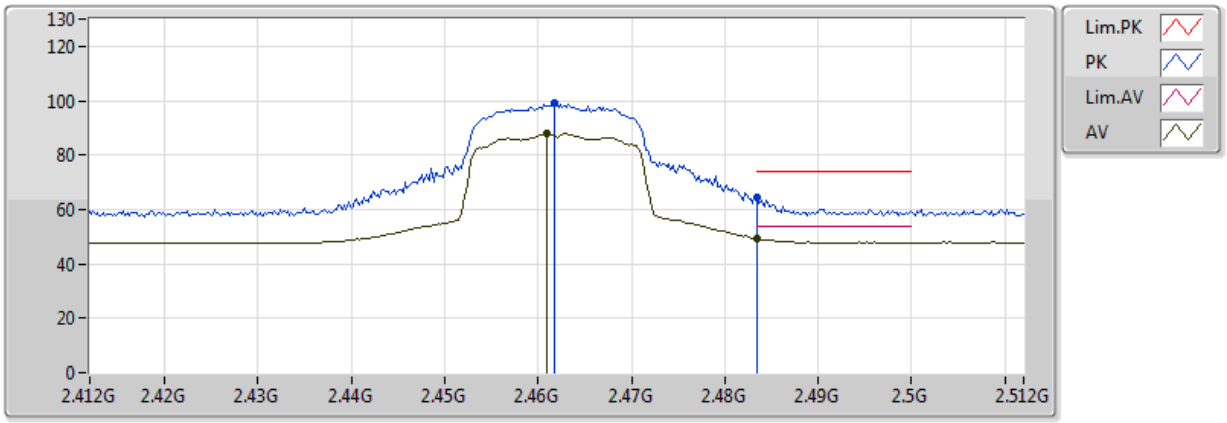


EUT= Z axis

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	35.36	54.00	-18.64	5.07	3	H	360	1.50	-
PK	4.874G	48.37	74.00	-25.63	5.07	3	H	360	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

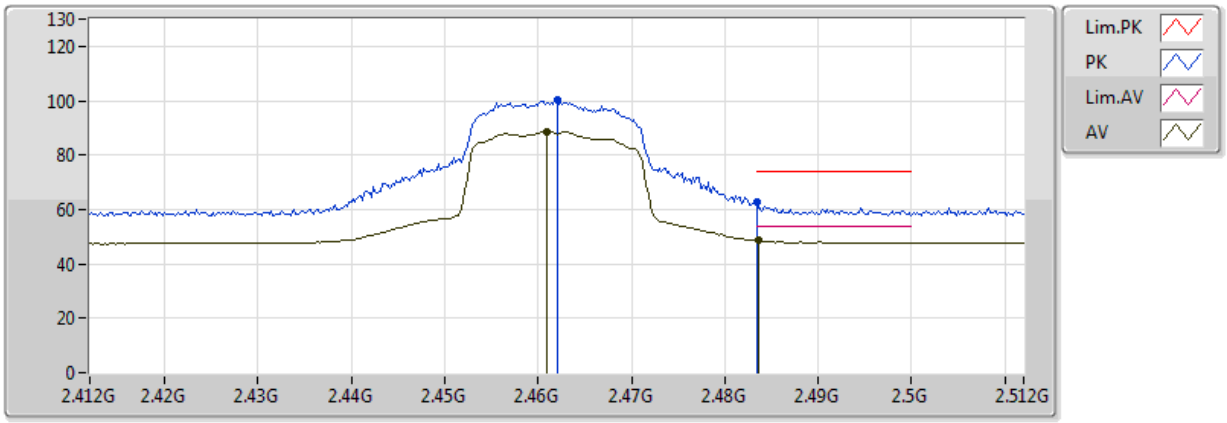


EUT= Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.461G	87.81	Inf	-Inf	35.95	3	V	161	2.21	-
AV	2.483502G	49.31	54.00	-4.69	36.00	3	V	161	2.21	-
PK	2.4618G	99.22	Inf	-Inf	35.95	3	V	161	2.21	-
PK	2.483502G	64.47	74.00	-9.53	36.00	3	V	161	2.21	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

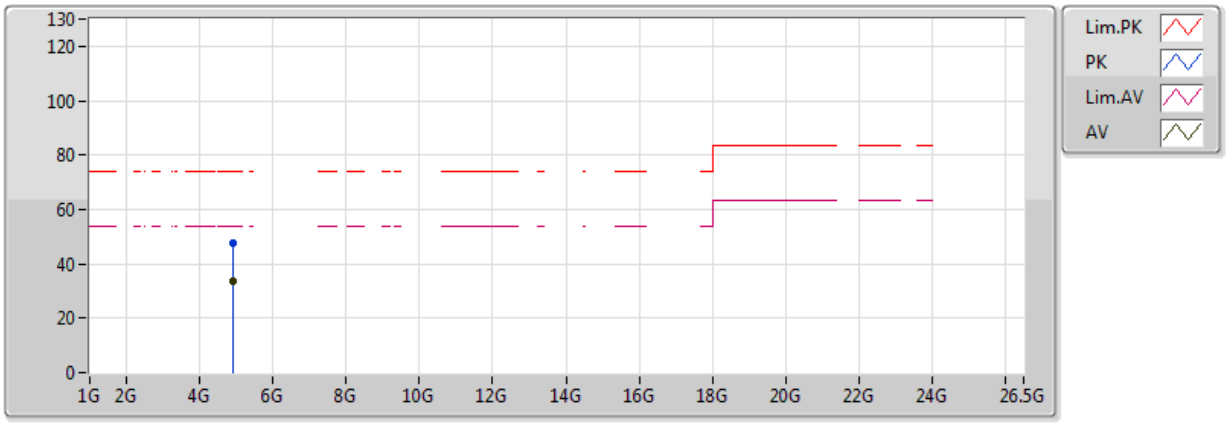


EUT= Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.461G	88.71	Inf	-Inf	35.95	3	H	88	1.18	-
AV	2.4836G	48.66	54.00	-5.34	36.00	3	H	88	1.18	-
PK	2.462G	100.03	Inf	-Inf	35.95	3	H	88	1.18	-
PK	2.483502G	62.53	74.00	-11.47	36.00	3	H	88	1.18	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

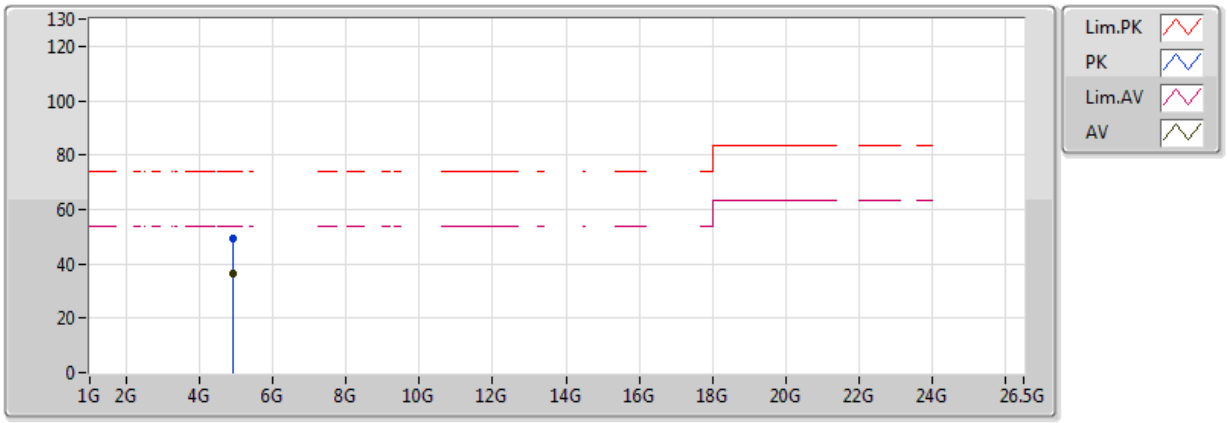


EUT= Z axis

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	33.49	54.00	-20.51	5.09	3	V	0	1.50	-
PK	4.924G	47.55	74.00	-26.45	5.09	3	V	0	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX



EUT= Z axis

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	36.27	54.00	-17.73	5.09	3	H	360	1.50	-
PK	4.924G	49.30	74.00	-24.70	5.09	3	H	360	1.50	-