FCC Test Report

Equipment	:	**Outdoor AP**
Brand Name	:	**Askey**
Model No.	:	**EAO2001S(RoHS)**
FCC ID	:	**H8N-EAO2001S**
Standard	:	**47 CFR FCC Part 15.247**
Operating Band	:	**2400 MHz – 2483.5 MHz**
Function	:	**☒ Point-to-multipoint; ☐ Point-to-point**
Applicant	:	**Askey Computer Corp. 10F, No.119, Jiankang Road, Zhonghe Dist., New Taipei City, Taiwan**
Manufacturer	:	**ASKEY TECHNOLOGY (JIANGSU) LTD. No. 1388, Jiao Tong Road, Wujiang Economic-Technological Development Area, Jiangsu Province, P.R. China**

The product sample received on May 18, 2017 and completely tested on Jun. 07, 2017. We, SPORTON, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Phoenix Chen
SPORTON INTERNATIONAL INC.

Testing Laboratory
1190

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Summary of Test Result

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

Revision History

Report No.	Version	Description	Issued Date
FR751734AC	Rev. 01	Initial issue of report	Jul. 03, 2017

1 General Description

1.1 Information

1.1.1 RF General Information

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

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	3TX
2.4-2.4835GHz	802.11g	20	3TX
2.4-2.4835GHz	802.11n HT20	20	3TX
2.4-2.4835GHz	802.11n HT40	40	3TX

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

1.1.2 Antenna Information

Group	Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1, 3, 5	Wha Yu	C407-510739-A	Omni	N Type	4.22
2	1, 3, 5	Wha Yu	C407-690852-A	Omni	N Type	4.22

Note: 1: 802.11b/g/n used three antennas are for signal transmitting and receiving.(3T3R Spatial Multiplexing MIMO configuration)

Note 2: EUT may match the two group antennas use.

Note 3: Antenna cable introduces losses in the antenna system.

Note 4: Performed the worst configuration for higher gain was test in final test report.

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	0.997	0.013	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.972	0.123	2.025m	1k
802.11n HT20	0.971	0.128	1.889m	1k
802.11n HT40	0.936	0.287	929.062u	3k

1.2 Testing Applied Standards

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

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

1.3 Testing Location Information

Testing Location			
☒	HWA YA	ADD : No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)	
		TEL : 886-3-327-3456	FAX : 886-3-327-0973
Test site Designation No. 553509 with FCC.			
☐	JHUBEI	ADD : No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County, Taiwan (R.O.C.)	
		TEL : 886-3-656-9065	FAX : 886-3-656-9085
Test site Designation No. TW0006 with FCC.			

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-HY	Ryan	22.8°C / 66%	07/Jun/2017
Radiated	03CH02-HY	Lynus	22.7°C / 59%	22/May/2017
AC Conduction	CO01-HY	Teddy	24°C / 60%	15/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

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

2.2 Test Channel Mode

Test Software Version	art2_ver_4_9_853

Mode	Power Setting
802.11b_(1Mbps)_3TX	-
2412MHz	22.5
2437MHz	24.5
2462MHz	25
802.11g_(6Mbps)_3TX	-
2412MHz	16
2437MHz	23.5
2462MHz	16
802.11n HT20_Nss1,(MCS0)_3TX	-
2412MHz	14
2437MHz	22
2462MHz	14
802.11n HT40_Nss1,(MCS0)_3TX	-
2422MHz	11.5
2437MHz	16
2452MHz	12.5

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		

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA751734 for Co-location RF Exposure Evaluation.	

2.4 Support Equipment

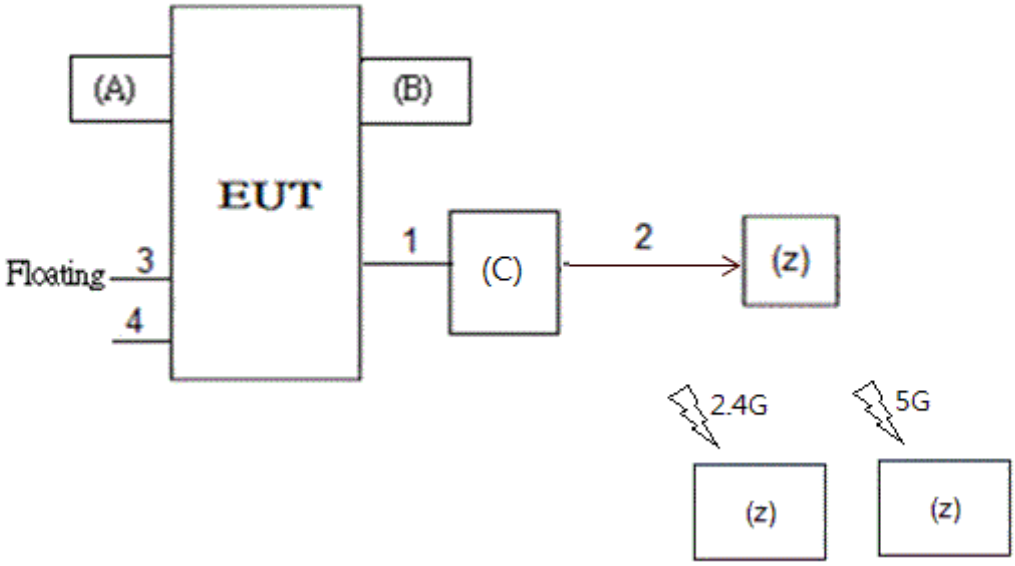
Support Equipment – RF Conducted				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5410	DoC
2	Adapter for NB	DELL	HA65NM130	DoC
3	AC source	-	-	-

Support Equipment – Radiated Emission				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	RJ-11 cable	-	-	-
2	PoE	SHENZHEN	PGSA34D01-540060	DoC

Support Equipment – AC Conduction				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	2.4G Antenna * 3	WHA YU	C407-510739-A	-
2	5G Antenna * 3	WHA YU	C407-510738-A	-
3	PoE	SHENZHEN	PGSA34D01-540060	DoC
4	Notebook	DELL	VOSTRO 3350	DoC
5	Notebook1(5G)	DELL	E5430	DoC
6	Notebook2(2.4G)	DELL	VOSTRO 3350	DoC

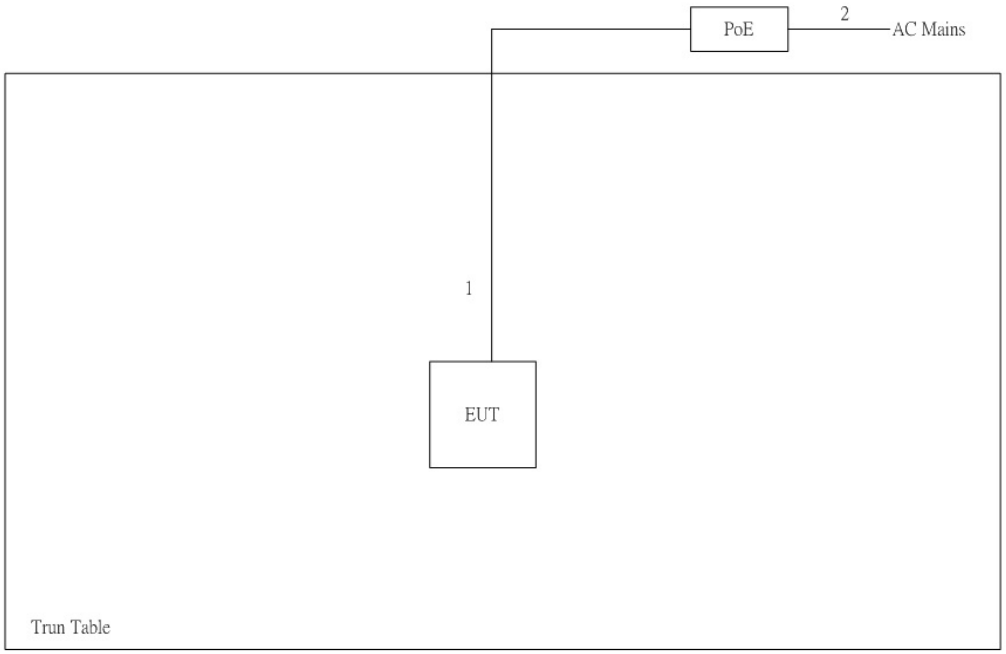
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	RJ45 Cable	No	1.2m
2	RJ45 Cable	No	10m
3	Console Cable (RJ11)	No	2.6m
4	Grounding Cable	No	1.5m

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power Cable	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

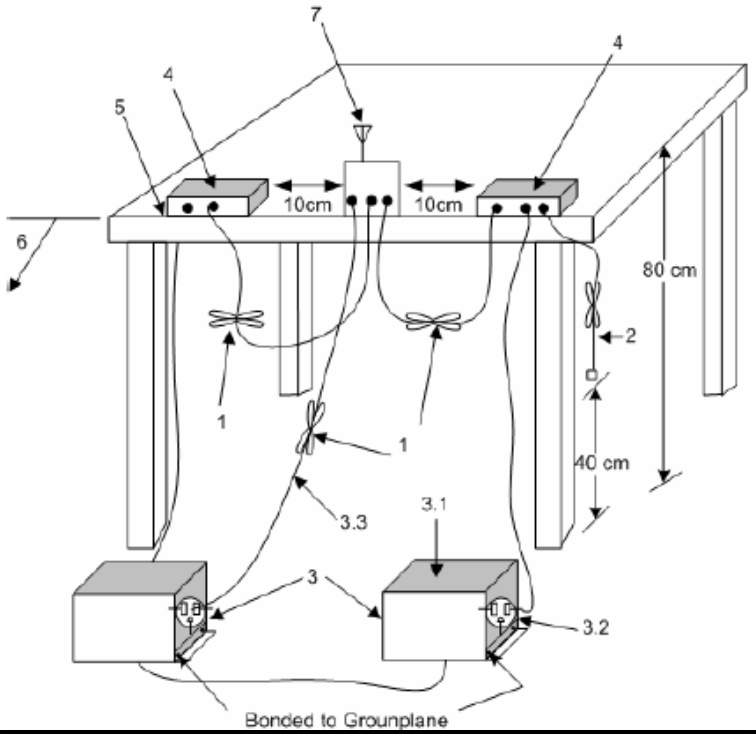
Refer a test equipment and calibration data table in this test report.

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.

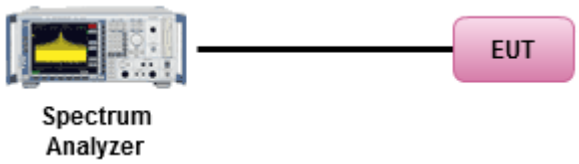
3.2.2 Measuring Instruments

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 RSS-Gen, clause 6.6 for for occupied bandwidth testing.
	☐ Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

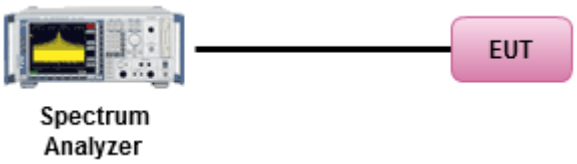
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

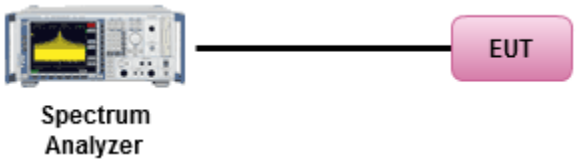
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup

Emissions in Non-restricted Frequency Bands


3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

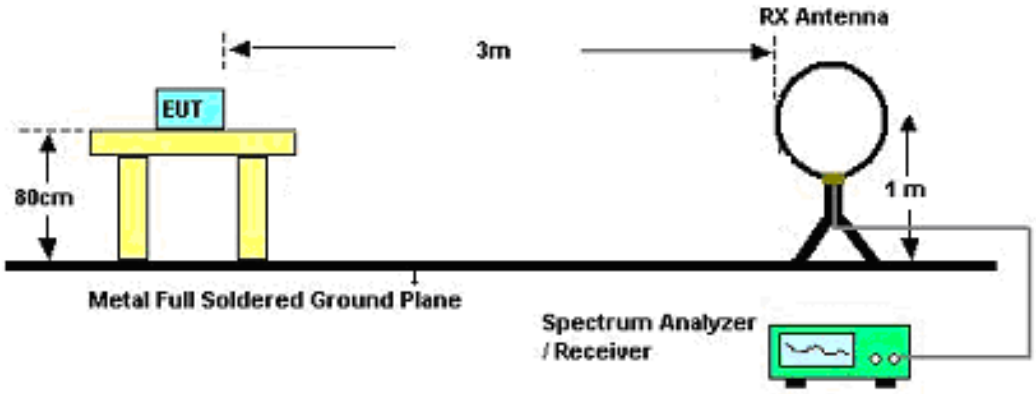
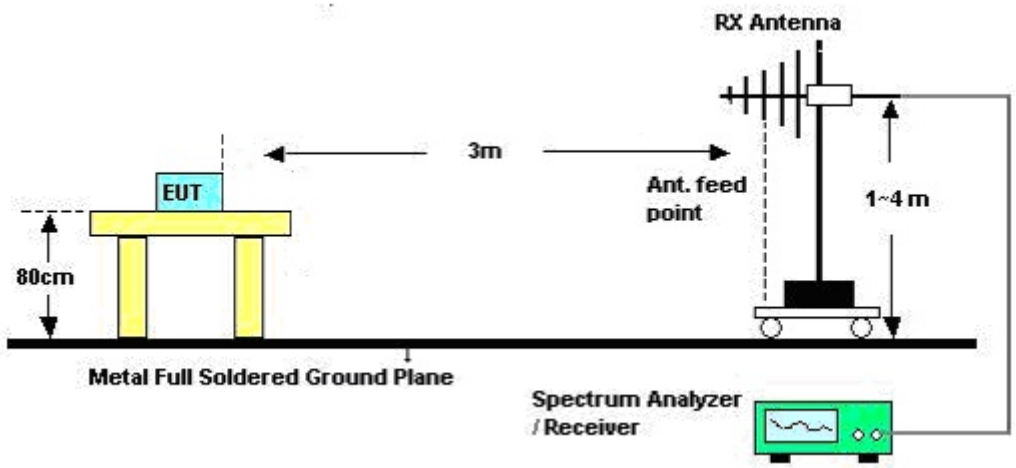
3.6.2 Measuring Instruments

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

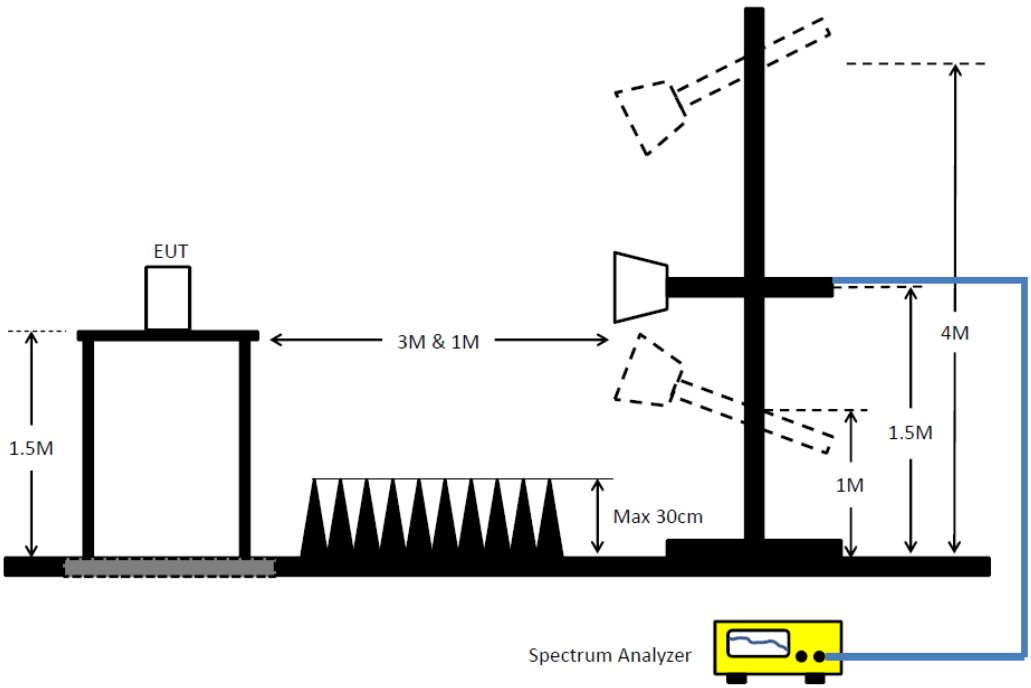
3.6.3 Test Procedures

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

3.6.4 Test Setup

Emissions in Restricted Frequency Bands
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.6.5 Test Result of Emissions in Restricted Frequency Bands (Below 30MHz)

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

3.6.6 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMC Receiver	R&S	ESR3	102052	9kHz ~ 3.6GHz	05/Apr/2017	01/Apr/2018
LISN	R&S	ENV 216	101274	9kHz ~ 30MHz	20/Apr/2017	19/Apr/2018
LISN (Support Unit)	MessTec	NNB-2/16Z	99079	9kHz ~ 30MHz	NCR	NCR
RF Cable-CON	HUBER+SUHNER	RG213/U	07611832010001	9kHz ~ 30MHz	06/Mar/2017	05/Mar/2018
Impulsbegrenzer Pulse Limiter	R&S	ESH3-Z2	100920	9kHz ~ 30MHz	09/Nov/2016	08/Nov/2017
Impedance Stabilization Network	TESEQ	T800	23342	150kHz ~ 230MHz	02/Mar/2017	01/Mar/2018

NCR : Non-Calibration Require

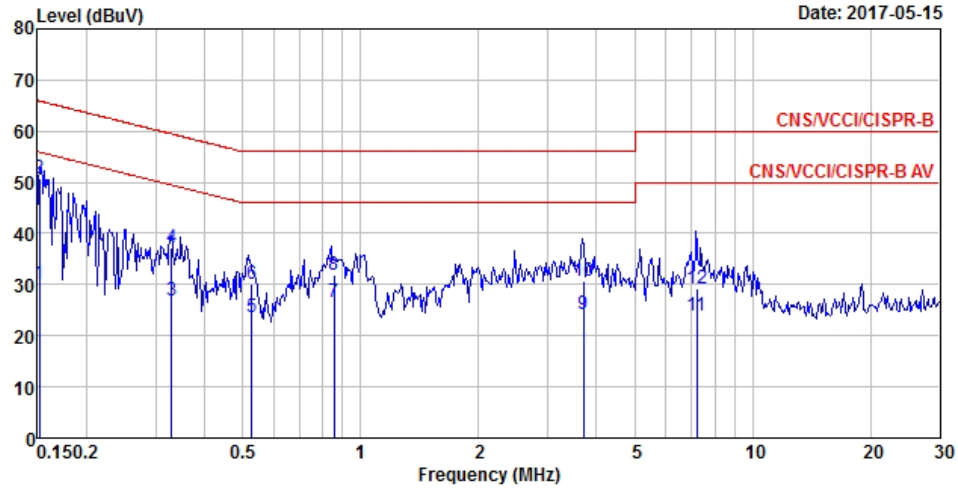
Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSP40	100593	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
Amplifier	MITEQ	JS44-18004000 -33-8P	1840917	18GHz-40GHz	01/Jun/2015	31/May/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

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	10Hz~40GHz	30/Dec/2016	29/Dec/2017
Power Sensor	Anritsu	MA2411B	1027452	300MHz ~ 40GHz	24/Feb/2017	23/Feb/2018
Power Meter	Anritsu	ML2495A	1124009	300MHz ~ 40GHz	24/Feb/2017	23/Feb/2018
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	21/Jul/2016	20/Jul/2017
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY677/3	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY678/3	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10717/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017

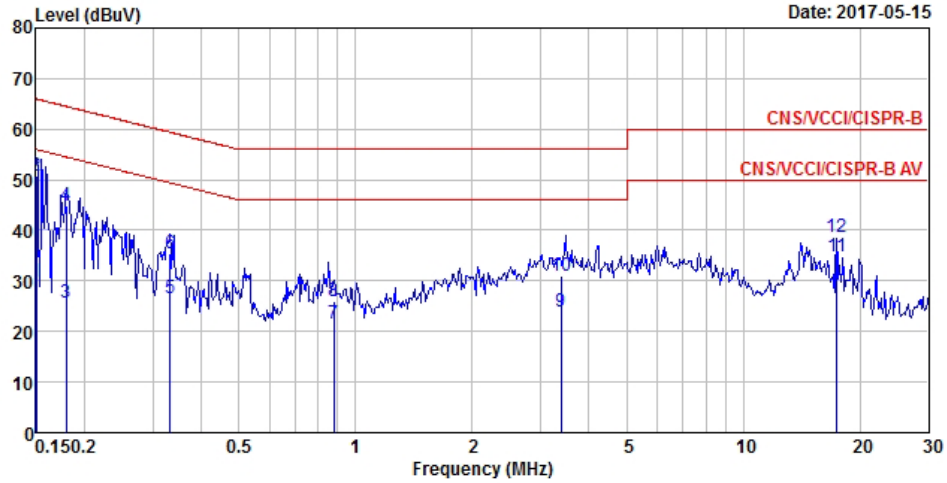
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	PoE Mode		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.15	30.17	-25.74	55.91	20.49	9.66	0.02	Average
2 MAX	0.15	50.81	-15.10	65.91	41.13	9.66	0.02	QP
3	0.33	26.74	-22.72	49.46	17.08	9.64	0.02	Average
4	0.33	37.10	-22.36	59.46	27.44	9.64	0.02	QP
5	0.53	23.74	-22.26	46.00	14.08	9.64	0.02	Average
6	0.53	30.13	-25.87	56.00	20.47	9.64	0.02	QP
7	0.86	26.54	-19.46	46.00	16.88	9.64	0.02	Average
8	0.86	31.77	-24.23	56.00	22.11	9.64	0.02	QP
9	3.71	24.21	-21.79	46.00	14.46	9.67	0.08	Average
10	3.71	30.80	-25.20	56.00	21.05	9.67	0.08	QP
11	7.21	24.03	-25.97	50.00	14.19	9.71	0.13	Average
12	7.21	29.33	-30.67	60.00	19.49	9.71	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.)

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	29.94	-26.06	56.00	20.29	9.63	0.02	Average
2 MAX	0.15	50.79	-15.21	66.00	41.14	9.63	0.02	QP
3	0.18	25.56	-28.95	54.51	15.91	9.63	0.02	Average
4	0.18	44.84	-19.67	64.51	35.19	9.63	0.02	QP
5	0.33	26.51	-22.89	49.40	16.86	9.63	0.02	Average
6	0.33	35.54	-23.86	59.40	25.89	9.63	0.02	QP
7	0.88	21.45	-24.55	46.00	11.80	9.63	0.02	Average
8	0.88	26.04	-29.96	56.00	16.39	9.63	0.02	QP
9	3.38	23.87	-22.13	46.00	14.14	9.66	0.07	Average
10	3.38	30.88	-25.12	56.00	21.15	9.66	0.07	QP
11	17.44	34.70	-15.30	50.00	24.81	9.67	0.22	Average
12	17.44	38.79	-21.21	60.00	28.90	9.67	0.22	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)_3TX	-	-	-	-	-
2.4-2.4835GHz	10.075M	13.943M	13M9G1D	10M	13.793M
802.11g_(6Mbps)_3TX	-	-	-	-	-
2.4-2.4835GHz	16.35M	16.617M	16M6D1D	16.025M	16.517M
802.11n HT20_Nss1,(MCS0)_3TX	-	-	-	-	-
2.4-2.4835GHz	17.575M	17.791M	17M8D1D	17.525M	17.691M
802.11n HT40_Nss1,(MCS0)_3TX	-	-	-	-	-
2.4-2.4835GHz	36.3M	36.432M	36M4D1D	35.65M	36.232M

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

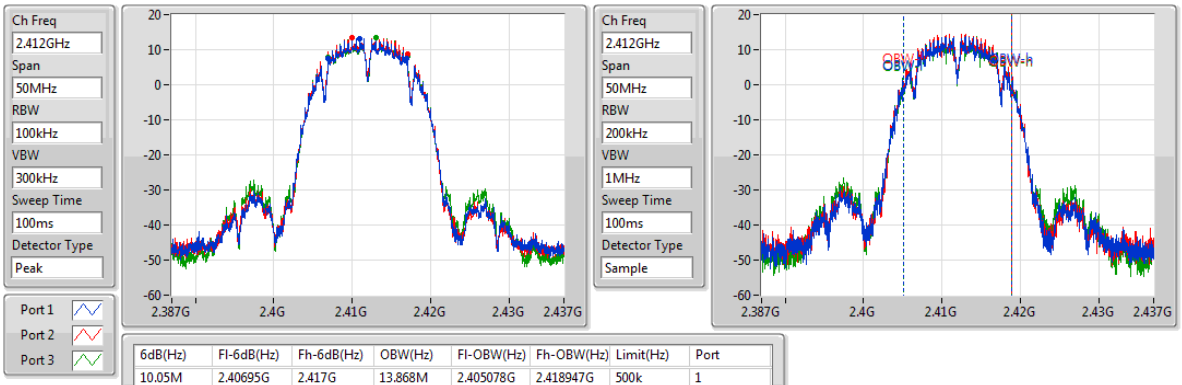
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)
802.11b_(1Mbps)_3TX	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	10.05M	13.868M	10.075M	13.868M	10.075M	13.818M
2437MHz	Pass	500k	10.05M	13.943M	10.075M	13.793M	10.05M	13.793M
2462MHz	Pass	500k	10M	13.893M	10.075M	13.868M	10.05M	13.818M
802.11g_(6Mbps)_3TX	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.025M	16.542M	16.325M	16.567M	16.325M	16.592M
2437MHz	Pass	500k	16.325M	16.617M	16.35M	16.592M	16.35M	16.592M
2462MHz	Pass	500k	16.35M	16.592M	16.325M	16.567M	16.35M	16.517M
802.11n HT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	17.55M	17.741M	17.575M	17.766M	17.55M	17.741M
2437MHz	Pass	500k	17.525M	17.766M	17.525M	17.691M	17.55M	17.791M
2462MHz	Pass	500k	17.55M	17.716M	17.55M	17.741M	17.525M	17.716M
802.11n HT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	36.15M	36.332M	36.3M	36.282M	36.3M	36.332M
2437MHz	Pass	500k	35.95M	36.332M	36M	36.232M	36.3M	36.232M
2452MHz	Pass	500k	36.25M	36.432M	35.65M	36.232M	36.3M	36.232M

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

802.11b_(1Mbps)_3TX **EBW**

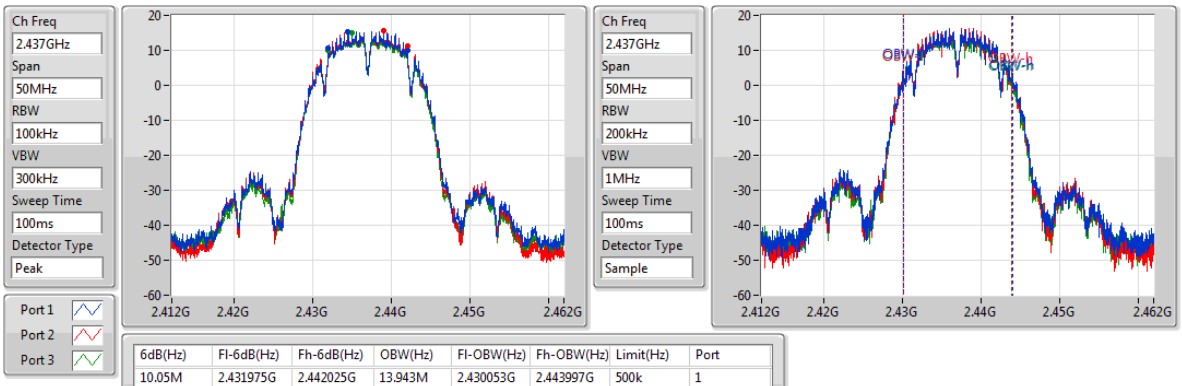
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.05M	2.40695G	2.417G	13.868M	2.405078G	2.418947G	500k	1
10.075M	2.40695G	2.417025G	13.868M	2.405053G	2.418922G	500k	2
10.075M	2.406975G	2.41705G	13.818M	2.405103G	2.418922G	500k	3

802.11b_(1Mbps)_3TX **EBW**

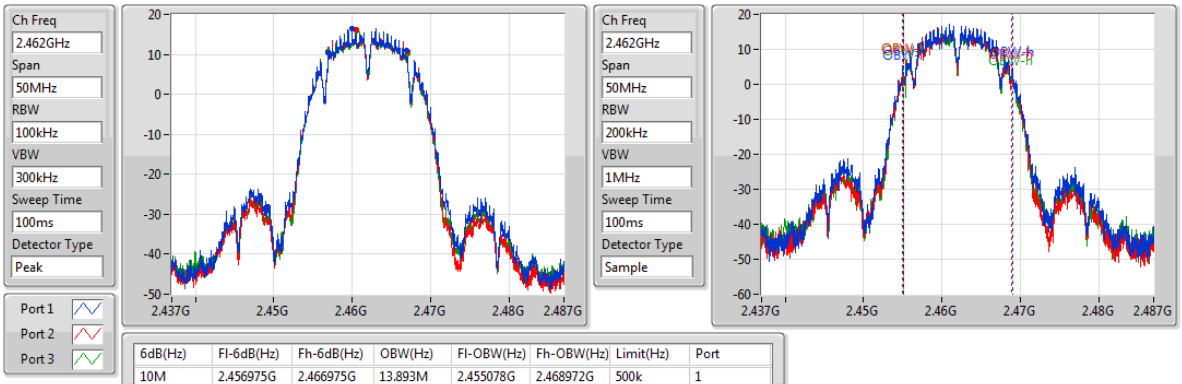
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.05M	2.431975G	2.442025G	13.943M	2.430053G	2.443997G	500k	1
10.075M	2.43195G	2.442025G	13.793M	2.430078G	2.443872G	500k	2
10.05M	2.431975G	2.442025G	13.793M	2.430053G	2.443847G	500k	3

802.11b_(1Mbps)_3TX **EBW**

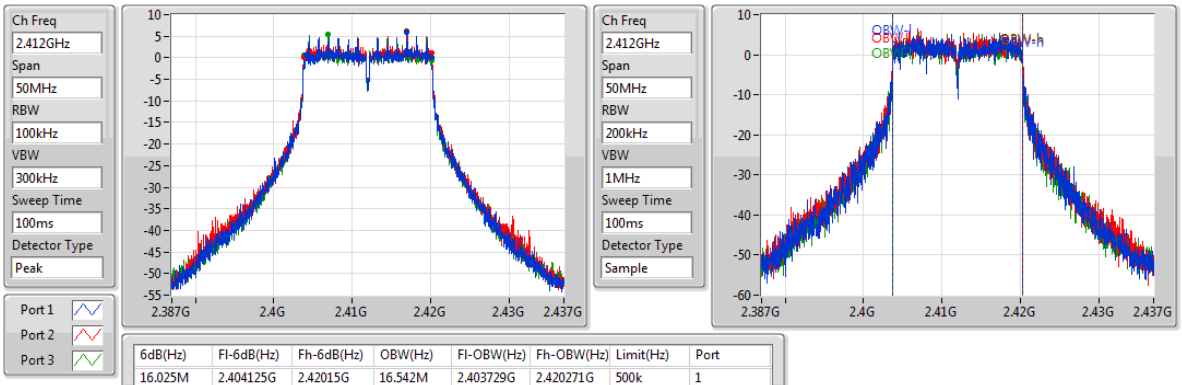
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10M	2.456975G	2.466975G	13.893M	2.455078G	2.468972G	500k	1
10.075M	2.45695G	2.467025G	13.868M	2.455028G	2.468897G	500k	2
10.05M	2.456975G	2.467025G	13.818M	2.455053G	2.468872G	500k	3

802.11g_(6Mbps)_3TX **EBW**

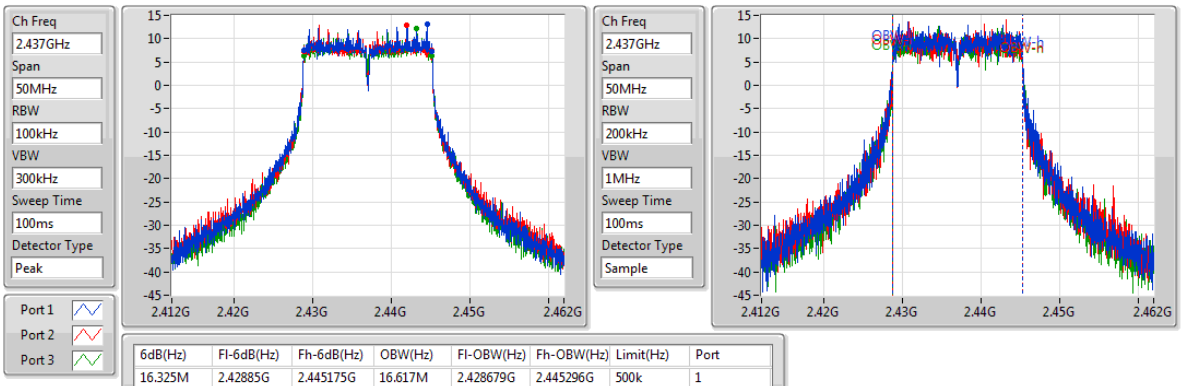
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.025M	2.404125G	2.42015G	16.542M	2.403729G	2.420271G	500k	1
16.325M	2.403825G	2.42015G	16.567M	2.403704G	2.420271G	500k	2
16.325M	2.40385G	2.420175G	16.592M	2.403679G	2.420271G	500k	3

802.11g_(6Mbps)_3TX **EBW**

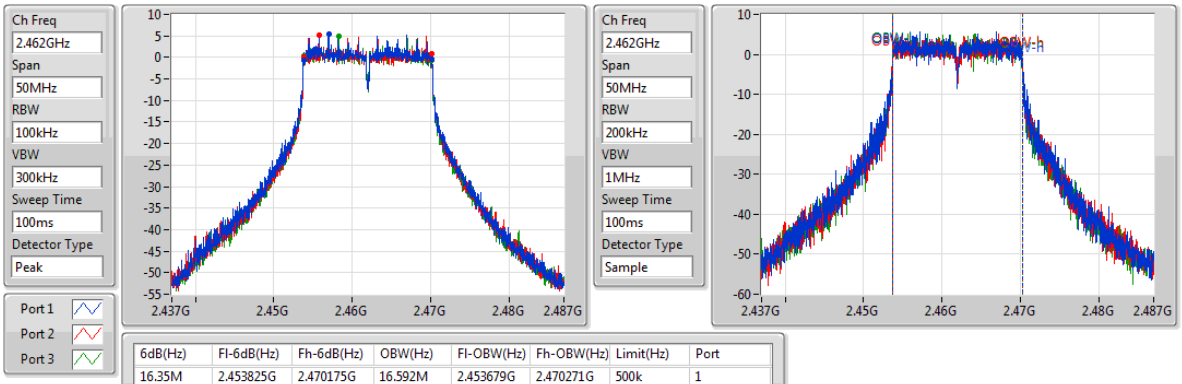
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.42885G	2.445175G	16.617M	2.428679G	2.445296G	500k	1
16.35M	2.428825G	2.445175G	16.592M	2.428679G	2.445271G	500k	2
16.35M	2.428825G	2.445175G	16.592M	2.428729G	2.445321G	500k	3

802.11g_(6Mbps)_3TX **EBW**

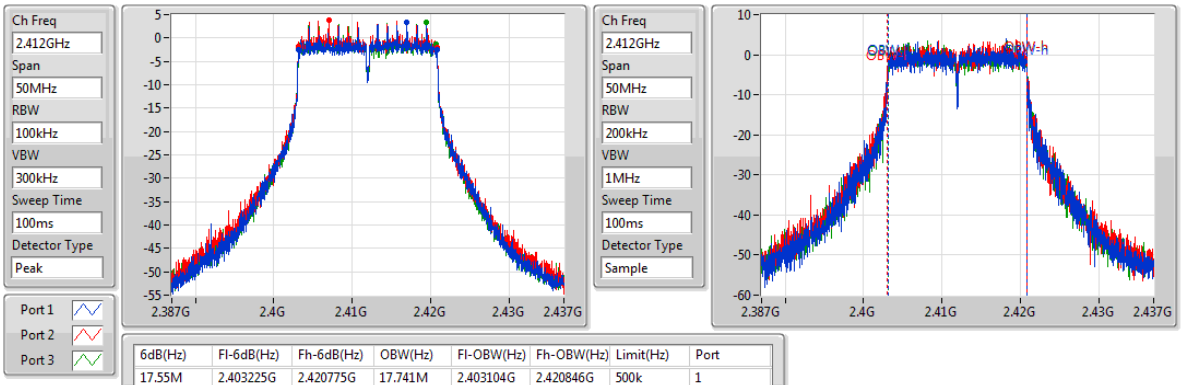
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	2.453825G	2.470175G	16.592M	2.453679G	2.470271G	500k	1
16.325M	2.453825G	2.47015G	16.567M	2.453679G	2.470246G	500k	2
16.35M	2.453825G	2.470175G	16.517M	2.453704G	2.470221G	500k	3

802.11n HT20_Nss1,(MCS0)_3TX **EBW**

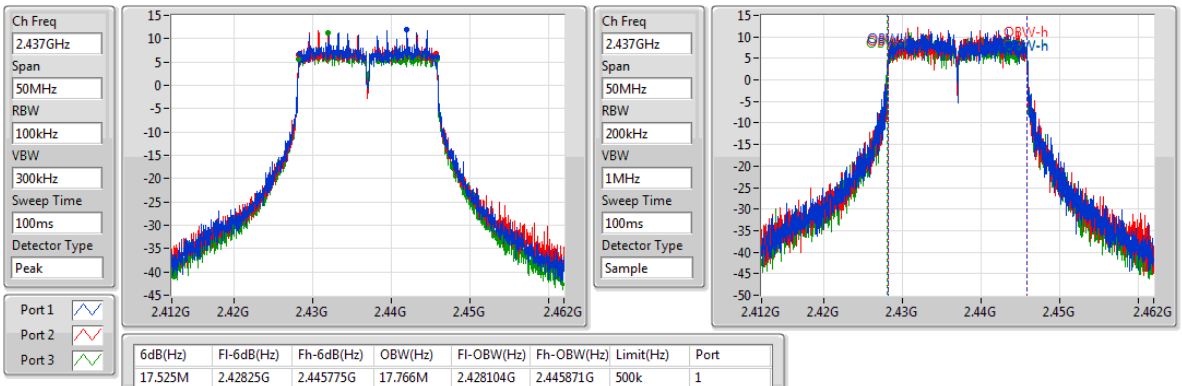
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	2.403225G	2.420775G	17.741M	2.403104G	2.420846G	500k	1
17.575M	2.4032G	2.420775G	17.766M	2.403079G	2.420846G	500k	2
17.55M	2.4032G	2.42075G	17.741M	2.403129G	2.420871G	500k	3

802.11n HT20_Nss1,(MCS0)_3TX **EBW**

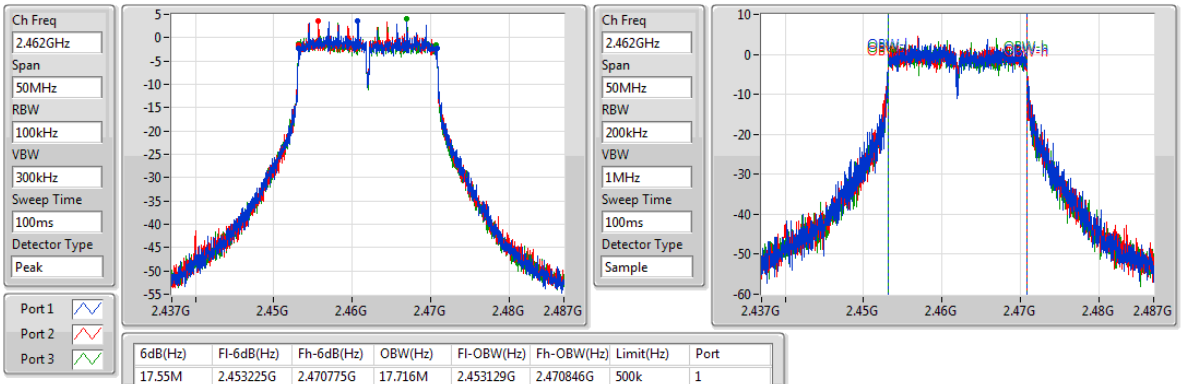
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.525M	2.42825G	2.445775G	17.766M	2.428104G	2.445871G	500k	1
17.525M	2.428225G	2.44575G	17.691M	2.428129G	2.445821G	500k	2
17.55M	2.428225G	2.445775G	17.791M	2.428054G	2.445846G	500k	3

802.11n HT20_Nss1,(MCS0)_3TX **EBW**

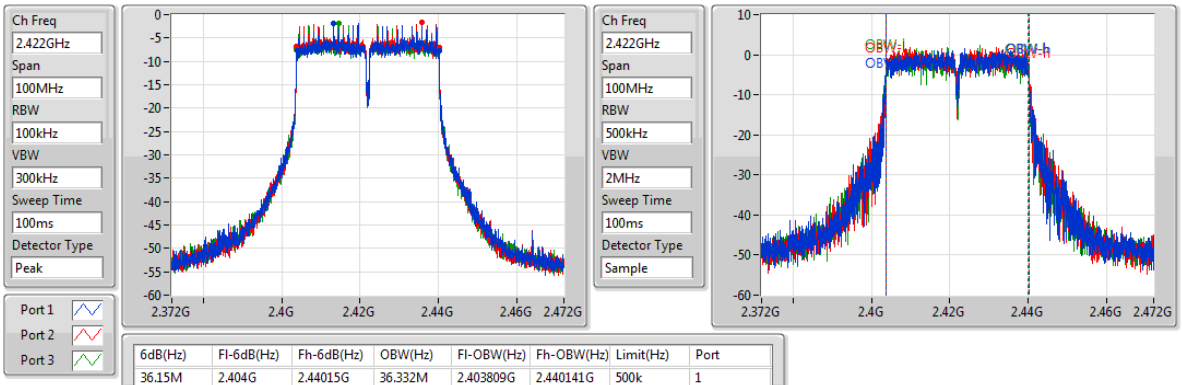
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	2.453225G	2.470775G	17.716M	2.453129G	2.470846G	500k	1
17.55M	2.453225G	2.470775G	17.741M	2.453104G	2.470846G	500k	2
17.525M	2.453225G	2.47075G	17.716M	2.453104G	2.470821G	500k	3

802.11n HT40_Nss1,(MCS0)_3TX **EBW**

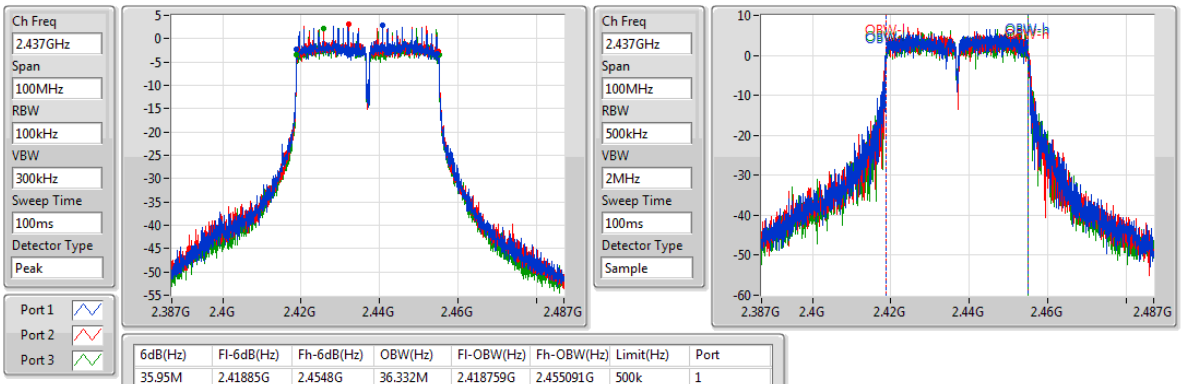
2422MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.15M	2.404G	2.44015G	36.332M	2.403809G	2.440141G	500k	1
36.3M	2.40385G	2.44015G	36.282M	2.403859G	2.440141G	500k	2
36.3M	2.40385G	2.44015G	36.332M	2.403759G	2.440091G	500k	3

802.11n HT40_Nss1,(MCS0)_3TX **EBW**

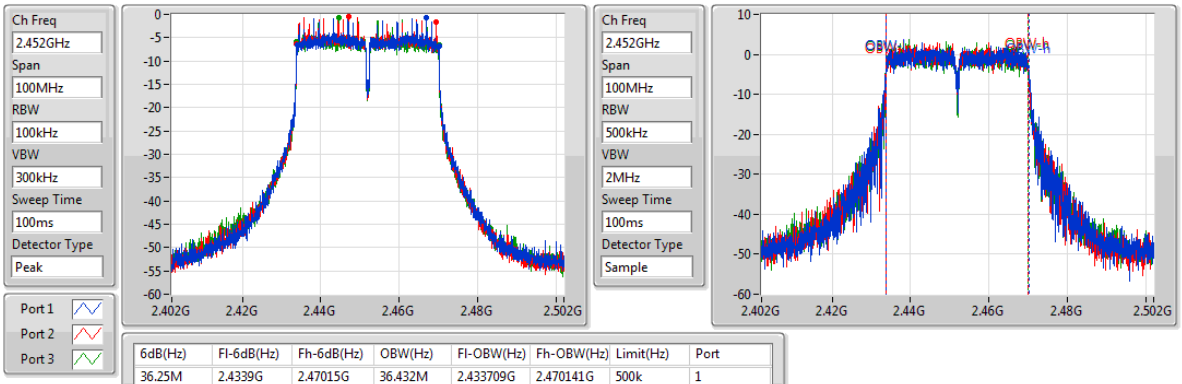
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.95M	2.41885G	2.4548G	36.332M	2.418759G	2.455091G	500k	1
36M	2.4189G	2.4549G	36.232M	2.418859G	2.455091G	500k	2
36.3M	2.41885G	2.45515G	36.232M	2.418859G	2.455091G	500k	3

802.11n HT40_Nss1,(MCS0)_3TX **EBW**

2452MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.25M	2.4339G	2.47015G	36.432M	2.433709G	2.470141G	500k	1
35.65M	2.43385G	2.4695G	36.232M	2.433809G	2.470041G	500k	2
36.3M	2.43385G	2.47015G	36.232M	2.433859G	2.470091G	500k	3

Summary

Mode	Total Power (dBm)	Total Power (W)
802.11b_(1Mbps)_3TX	-	-
2.4-2.4835GHz	29.35	0.86099
802.11g_(6Mbps)_3TX	-	-
2.4-2.4835GHz	27.89	0.61518
802.11n HT20_Nss1,(MCS0)_3TX	-	-
2.4-2.4835GHz	26.61	0.45814
802.11n HT40_Nss1,(MCS0)_3TX	-	-
2.4-2.4835GHz	20.71	0.11776

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_(1Mbps)_3TX	-	-	-	-	-	-	-
2412MHz	Pass	4.22	22.11	22.89	22.54	27.30	30.00
2437MHz	Pass	4.22	24.12	24.61	23.83	28.97	30.00
2462MHz	Pass	4.22	24.71	24.40	24.61	29.35	30.00
802.11g_(6Mbps)_3TX	-	-	-	-	-	-	-
2412MHz	Pass	4.22	15.67	16.05	15.68	20.57	30.00
2437MHz	Pass	4.22	23.26	23.25	22.82	27.89	30.00
2462MHz	Pass	4.22	15.73	15.69	15.64	20.45	30.00
802.11n HT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
2412MHz	Pass	4.22	13.83	14.19	13.82	18.72	30.00
2437MHz	Pass	4.22	22.00	22.08	21.39	26.61	30.00
2462MHz	Pass	4.22	13.94	13.77	13.65	18.56	30.00
802.11n HT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
2422MHz	Pass	4.22	11.37	11.61	11.16	16.16	30.00
2437MHz	Pass	4.22	16.03	16.08	15.70	20.71	30.00
2452MHz	Pass	4.22	12.32	12.58	12.08	17.11	30.00

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

Summary

Mode	PD (dBm/RBW)
802.11b_(1Mbps)_3TX	-
2.4-2.4835GHz	4.35
802.11g_(6Mbps)_3TX	-
2.4-2.4835GHz	1.47
802.11n HT20_Nss1,(MCS0)_3TX	-
2.4-2.4835GHz	-0.98
802.11n HT40_Nss1,(MCS0)_3TX	-
2.4-2.4835GHz	-8.67

RBW=3kHz.

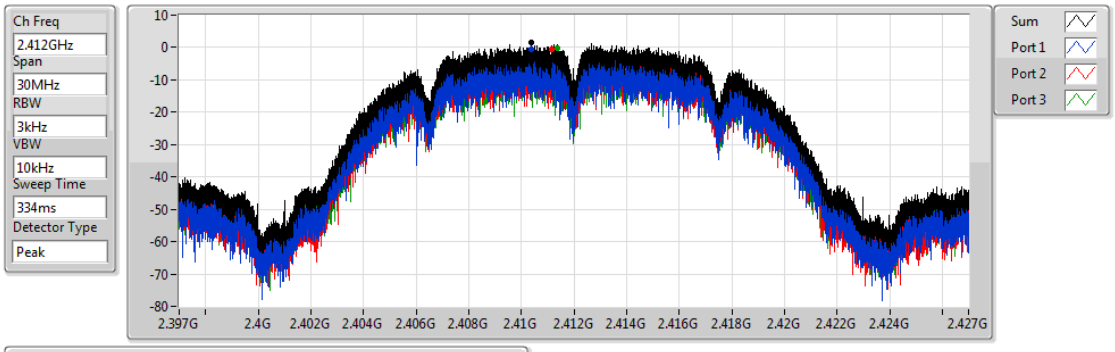
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_(1Mbps)_3TX	-	-	-	-	-	-	-
2412MHz	Pass	8.99	-0.51	-0.51	-0.34	1.57	5.01
2437MHz	Pass	8.99	1.58	0.99	1.13	3.90	5.01
2462MHz	Pass	8.99	1.69	1.56	1.47	4.35	5.01
802.11g_(6Mbps)_3TX	-	-	-	-	-	-	-
2412MHz	Pass	8.99	-9.19	-7.77	-8.93	-6.32	5.01
2437MHz	Pass	8.99	-1.84	-1.36	-0.12	1.47	5.01
2462MHz	Pass	8.99	-8.09	-8.35	-9.71	-6.25	5.01
802.11n HT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
2412MHz	Pass	8.99	-11.22	-10.30	-10.65	-7.87	5.01
2437MHz	Pass	8.99	-3.18	-3.21	-2.08	-0.98	5.01
2462MHz	Pass	8.99	-11.24	-11.99	-11.71	-8.71	5.01
802.11n HT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
2422MHz	Pass	8.99	-16.70	-14.52	-15.83	-13.35	5.01
2437MHz	Pass	8.99	-11.93	-11.65	-11.88	-8.67	5.01
2452MHz	Pass	8.99	-15.33	-15.11	-15.62	-13.01	5.01

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)_3TX **PSD**

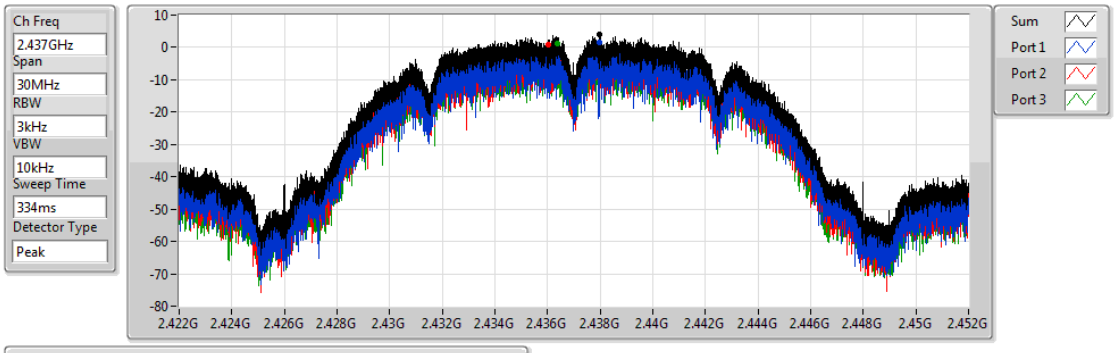
2412MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.57	1.57	-0.51	-0.51	-0.34

802.11b_(1Mbps)_3TX **PSD**

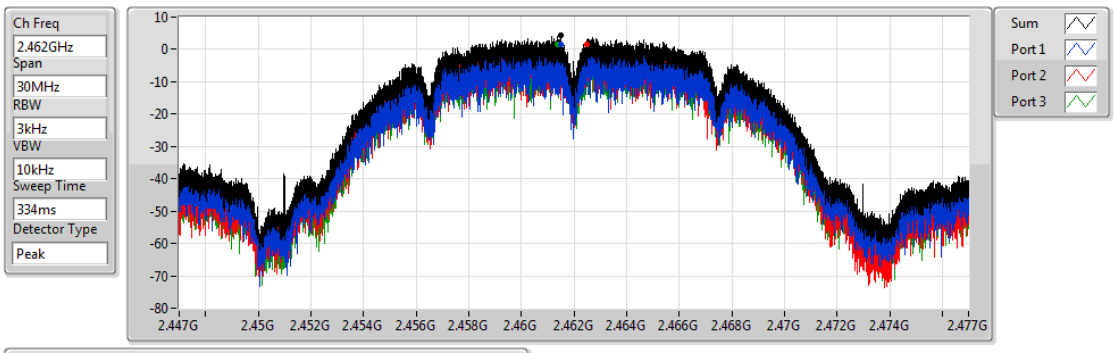
2437MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.90	3.90	1.58	0.99	1.13

802.11b_(1Mbps)_3TX **PSD**

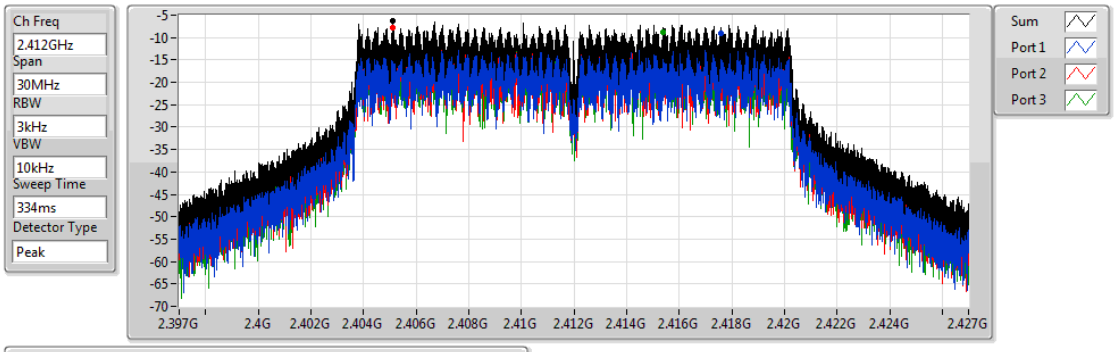
2462MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.35	4.35	1.69	1.56	1.47

802.11g_(6Mbps)_3TX **PSD**

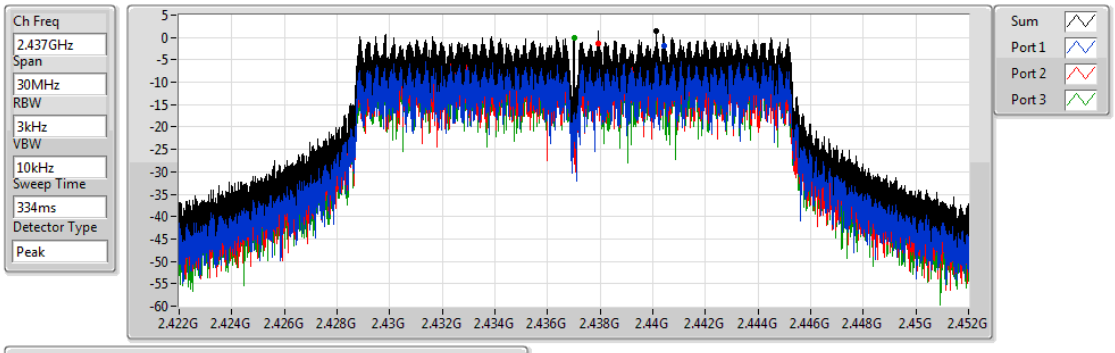
2412MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.32	-6.32	-9.19	-7.77	-8.93

802.11g_(6Mbps)_3TX **PSD**

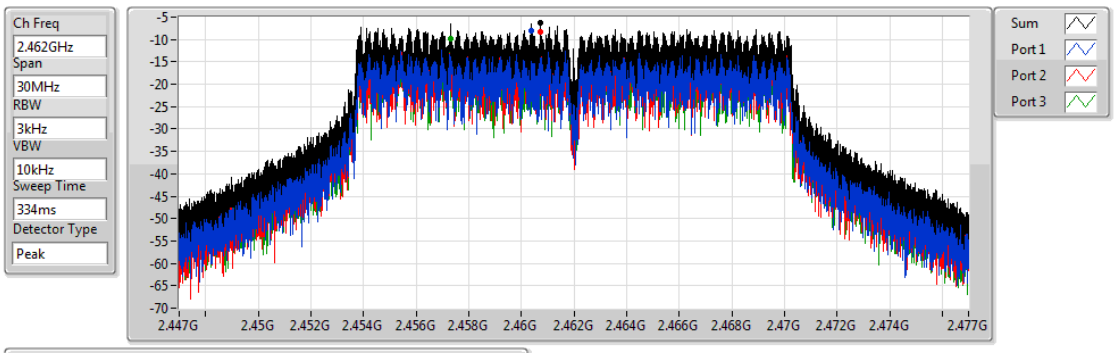
2437MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.47	1.47	-1.84	-1.36	-0.12

802.11g_(6Mbps)_3TX **PSD**

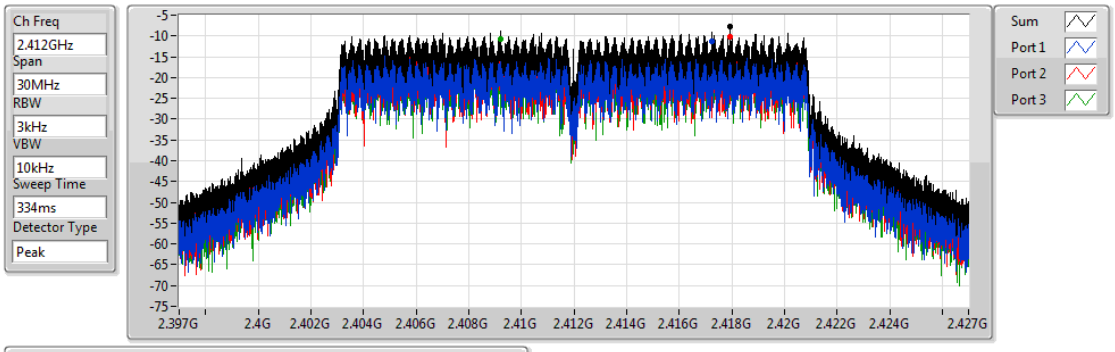
2462MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.25	-6.25	-8.09	-8.35	-9.71

802.11n HT20_Nss1,(MCS0)_3TX PSD

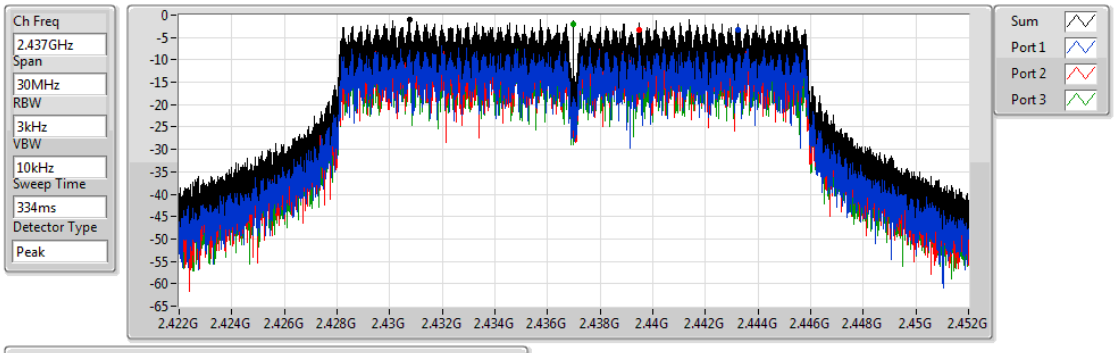
2412MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.87	-7.87	-11.22	-10.30	-10.65

802.11n HT20_Nss1,(MCS0)_3TX PSD

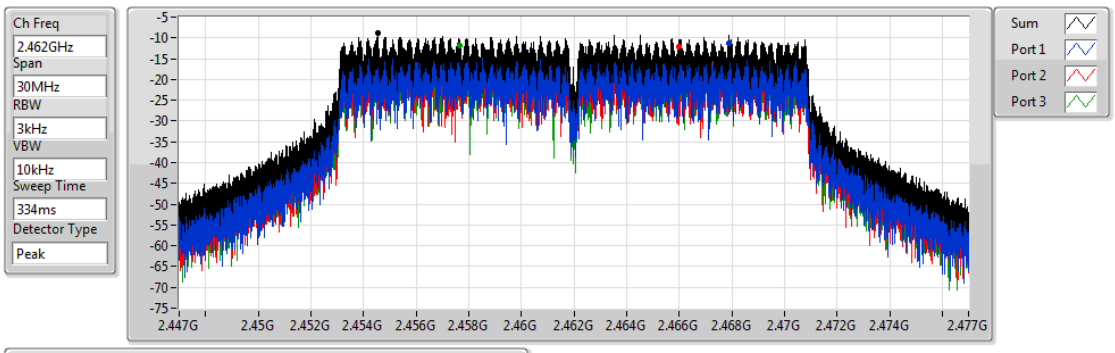
2437MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.98	-0.98	-3.18	-3.21	-2.08

802.11n HT20_Nss1,(MCS0)_3TX PSD

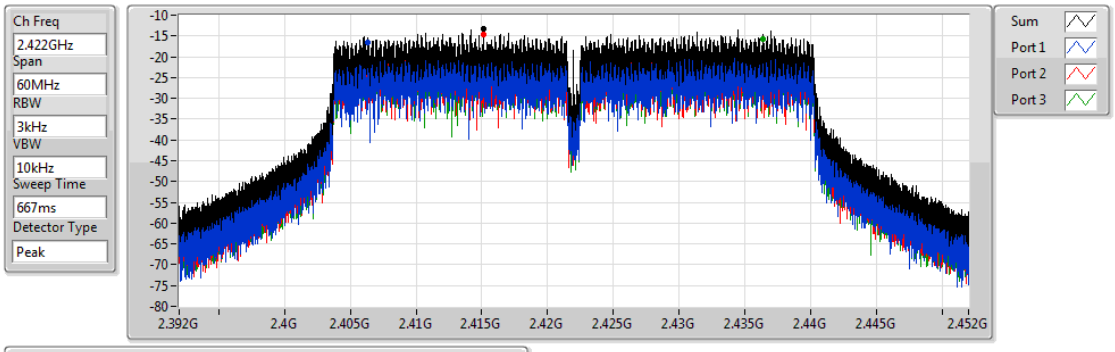
2462MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.71	-8.71	-11.24	-11.99	-11.71

802.11n HT40_Nss1,(MCS0)_3TX **PSD**

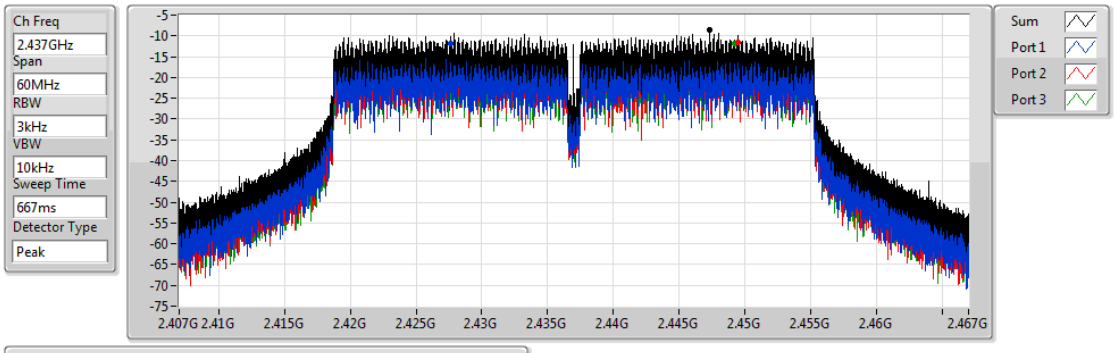
2422MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.35	-13.35	-16.70	-14.52	-15.83

802.11n HT40_Nss1,(MCS0)_3TX **PSD**

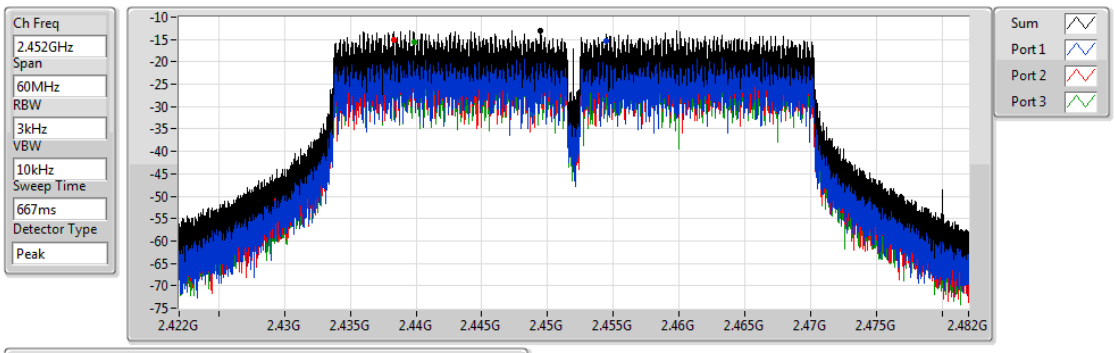
2437MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.67	-8.67	-11.93	-11.65	-11.88

802.11n HT40_Nss1,(MCS0)_3TX **PSD**

2452MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.01	-13.01	-15.33	-15.11	-15.62

Summary

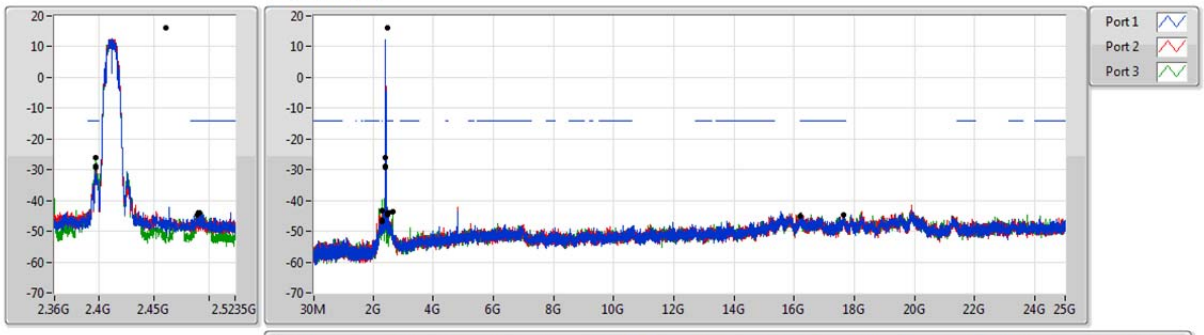
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11n HT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	2.431897G	2.25	-27.75	146.79M	-45.14	2.39872G	-33.37	2.49998G	-52.61	2.639223G	-51.32	3

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)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.460621G	16.04	-13.96	2.309905G	-46.49	2.39752G	-29.34	2.48998G	-43.96	17.636137G	-44.73	1
2412MHz	Pass	2.460621G	16.04	-13.96	2.30874G	-43.26	2.39752G	-28.78	2.48926G	-44.54	16.20045G	-44.89	2
2412MHz	Pass	2.460621G	16.04	-13.96	2.307575G	-46.77	2.39704G	-26.12	2.4911G	-43.97	2.638692G	-43.52	3
2437MHz	Pass	2.460621G	16.04	-13.96	2.309905G	-45.21	2.39832G	-41.99	2.51998G	-41.15	16.214498G	-44.16	1
2437MHz	Pass	2.460621G	16.04	-13.96	2.160785G	-47.96	2.394G	-44.42	2.51854G	-43.27	17.596803G	-43.63	2
2437MHz	Pass	2.460621G	16.04	-13.96	2.305245G	-46.17	2.39848G	-43.03	2.51998G	-42.31	2.638692G	-40.36	3
2462MHz	Pass	2.460621G	16.04	-13.96	2.30641G	-44.77	2.39656G	-44.37	2.50142G	-41.60	2.638692G	-42.99	1
2462MHz	Pass	2.460621G	16.04	-13.96	2.30175G	-46.91	2.39504G	-45.14	2.49878G	-44.50	24.210513G	-44.79	2
2462MHz	Pass	2.460621G	16.04	-13.96	2.30641G	-41.61	2.39704G	-42.37	2.52006G	-38.58	2.638692G	-34.77	3
802.11g_(6Mbps)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.439412G	11.35	-18.65	147.665M	-45.11	2.39992G	-26.45	2.48646G	-48.52	2.638692G	-49.03	1
2412MHz	Pass	2.439412G	11.35	-18.65	147.665M	-44.95	2.39976G	-26.68	2.52006G	-48.99	2.5235G	-51.93	2
2412MHz	Pass	2.439412G	11.35	-18.65	147.665M	-45.24	2.39976G	-29.17	2.49998G	-50.28	2.638692G	-53.14	3
2437MHz	Pass	2.439412G	11.35	-18.65	147.665M	-45.14	2.39928G	-43.23	2.51998G	-44.12	2.638692G	-47.10	1
2437MHz	Pass	2.439412G	11.35	-18.65	147.665M	-45.01	2.39848G	-42.33	2.50006G	-46.70	2.548786G	-49.46	2
2437MHz	Pass	2.439412G	11.35	-18.65	2.300585G	-44.79	2.398G	-43.22	2.52006G	-42.11	2.638692G	-40.67	3
2462MHz	Pass	2.439412G	11.35	-18.65	147.665M	-45.07	2.392G	-53.39	2.48358G	-46.86	2.638692G	-47.97	1
2462MHz	Pass	2.439412G	11.35	-18.65	147.665M	-44.90	2.39952G	-47.48	2.48406G	-47.42	2.545977G	-50.81	2
2462MHz	Pass	2.439412G	11.35	-18.65	147.665M	-44.97	2.3904G	-53.94	2.48358G	-49.28	2.638692G	-52.26	3
802.11n HT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.441917G	10.78	-19.22	147.665M	-44.95	2.39952G	-29.60	2.49638G	-52.40	2.638692G	-49.19	1
2412MHz	Pass	2.441917G	10.78	-19.22	147.665M	-44.91	2.39944G	-29.39	2.52006G	-50.06	2.557215G	-51.04	2
2412MHz	Pass	2.441917G	10.78	-19.22	147.665M	-44.99	2.39944G	-29.76	2.49998G	-51.26	2.638692G	-51.20	3
2437MHz	Pass	2.441917G	10.78	-19.22	147.665M	-44.89	2.39528G	-46.36	2.5199G	-45.00	2.638692G	-46.46	1
2437MHz	Pass	2.441917G	10.78	-19.22	147.665M	-44.98	2.39952G	-43.74	2.50966G	-47.86	2.543167G	-50.25	2
2437MHz	Pass	2.441917G	10.78	-19.22	147.665M	-45.21	2.39992G	-42.53	2.52006G	-43.37	2.638692G	-43.15	3
2462MHz	Pass	2.441917G	10.78	-19.22	147.665M	-45.00	2.39024G	-54.28	2.48358G	-50.95	2.638692G	-48.54	1
2462MHz	Pass	2.441917G	10.78	-19.22	147.665M	-44.92	2.39008G	-53.43	2.52006G	-49.82	2.557215G	-51.41	2
2462MHz	Pass	2.441917G	10.78	-19.22	147.665M	-45.23	2.39024G	-54.21	2.4839G	-51.08	2.638692G	-51.55	3
802.11n HT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.431897G	2.25	-27.75	146.79M	-45.00	2.39968G	-34.94	2.55998G	-52.78	2.639223G	-49.95	1
2422MHz	Pass	2.431897G	2.25	-27.75	146.79M	-44.92	2.39984G	-34.08	2.56014G	-50.28	16.681668G	-54.75	2
2422MHz	Pass	2.431897G	2.25	-27.75	146.79M	-45.14	2.39872G	-33.37	2.49998G	-52.61	2.639223G	-51.32	3
2437MHz	Pass	2.431897G	2.25	-27.75	146.79M	-45.16	2.39936G	-39.45	2.48382G	-49.50	2.639223G	-48.70	1
2437MHz	Pass	2.431897G	2.25	-27.75	146.79M	-45.07	2.39728G	-43.01	2.49806G	-49.83	15.049412G	-53.55	2
2437MHz	Pass	2.431897G	2.25	-27.75	146.79M	-45.17	2.3992G	-38.74	2.48926G	-52.69	2.639223G	-54.12	3
2452MHz	Pass	2.431897G	2.25	-27.75	146.79M	-45.00	2.3984G	-54.90	2.48414G	-48.42	2.639223G	-48.82	1
2452MHz	Pass	2.431897G	2.25	-27.75	146.79M	-44.99	2.39792G	-57.38	2.4851G	-49.28	2.639223G	-53.28	2
2452MHz	Pass	2.431897G	2.25	-27.75	146.79M	-45.09	2.39712G	-56.46	2.48478G	-48.81	2.639223G	-51.34	3

802.11b_(1Mbps)_3TX **CSE NdB**

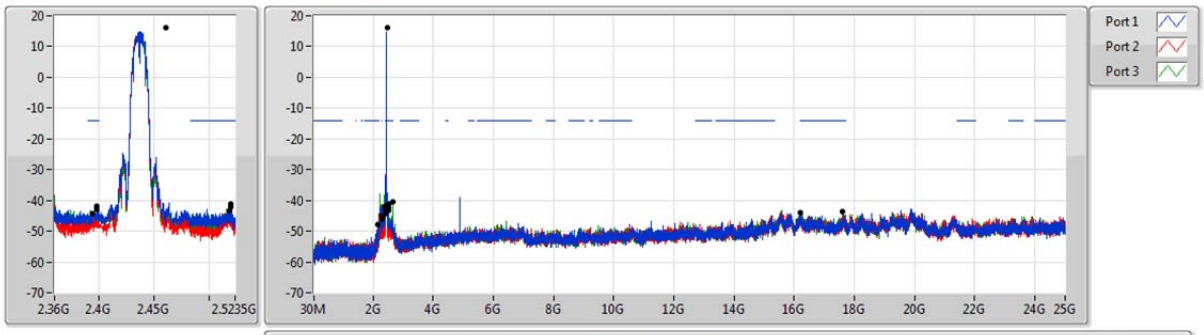
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.460621G	16.04	-13.96	2.309905G	-46.49	2.39752G	-29.34	2.48998G	-43.96	17.636137G	-44.73	1
2.460621G	16.04	-13.96	2.30874G	-43.26	2.39752G	-28.78	2.48926G	-44.54	16.20045G	-44.89	2
2.460621G	16.04	-13.96	2.307575G	-46.77	2.39704G	-26.12	2.4911G	-43.97	2.638692G	-43.52	3

802.11b_(1Mbps)_3TX **CSE NdB**

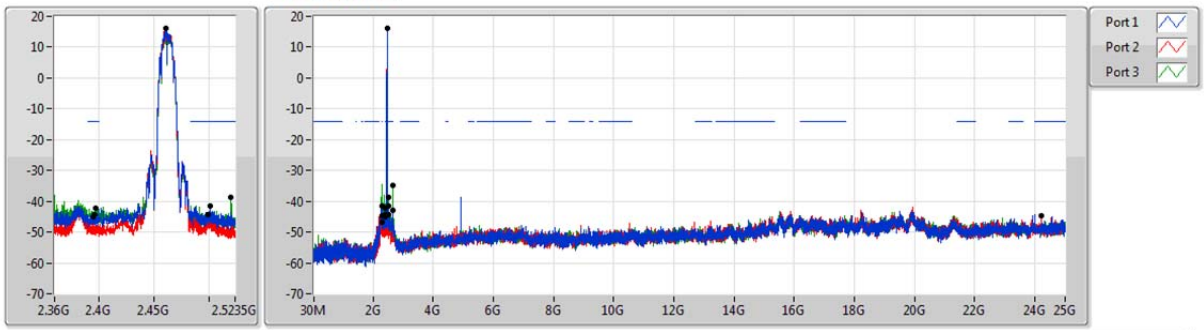
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.460621G	16.04	-13.96	2.309905G	-45.21	2.39832G	-41.99	2.51998G	-41.15	16.214498G	-44.16	1
2.460621G	16.04	-13.96	2.160785G	-47.96	2.394G	-44.42	2.51854G	-43.27	17.596803G	-43.63	2
2.460621G	16.04	-13.96	2.305245G	-46.17	2.39848G	-43.03	2.51998G	-42.31	2.638692G	-40.36	3

802.11b_(1Mbps)_3TX **CSE NdB**

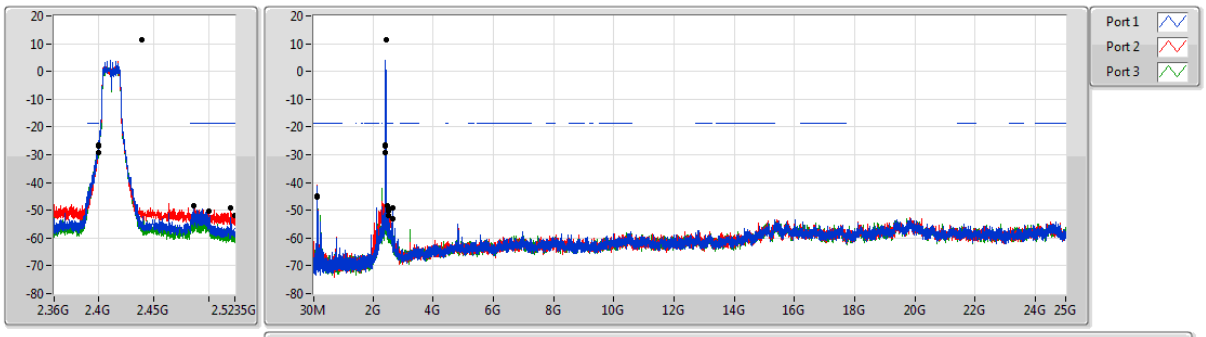
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.460621G	16.04	-13.96	2.30641G	-44.77	2.39656G	-44.37	2.50142G	-41.60	2.638692G	-42.99	1
2.460621G	16.04	-13.96	2.30175G	-46.91	2.39504G	-45.14	2.49878G	-44.50	24.210513G	-44.79	2
2.460621G	16.04	-13.96	2.30641G	-41.61	2.39704G	-42.37	2.52006G	-38.58	2.638692G	-34.77	3

802.11g_(6Mbps)_3TX **CSE NdB**

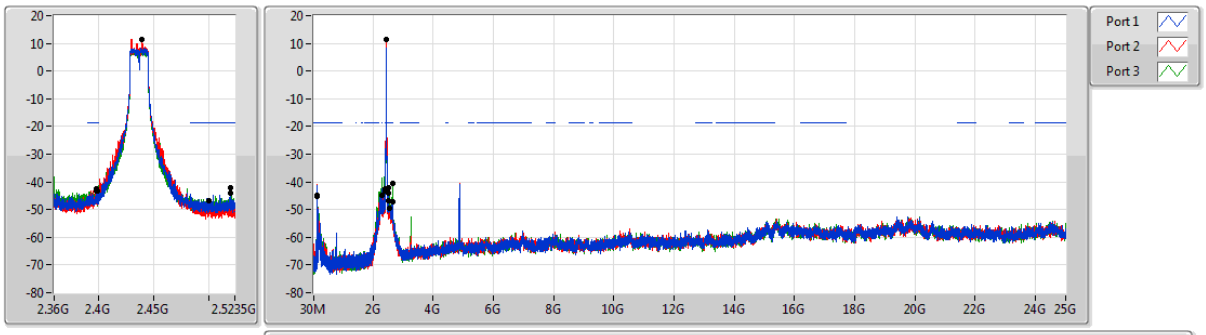
2412MHz



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	11.35	-18.65	147.665M	-45.11	2.39992G	-26.45	2.48646G	-48.52	2.638692G	-49.03	1
2.439412G	11.35	-18.65	147.665M	-44.95	2.39976G	-26.68	2.52006G	-48.99	2.5235G	-51.93	2
2.439412G	11.35	-18.65	147.665M	-45.24	2.39976G	-29.17	2.49998G	-50.28	2.638692G	-53.14	3

802.11g_(6Mbps)_3TX **CSE NdB**

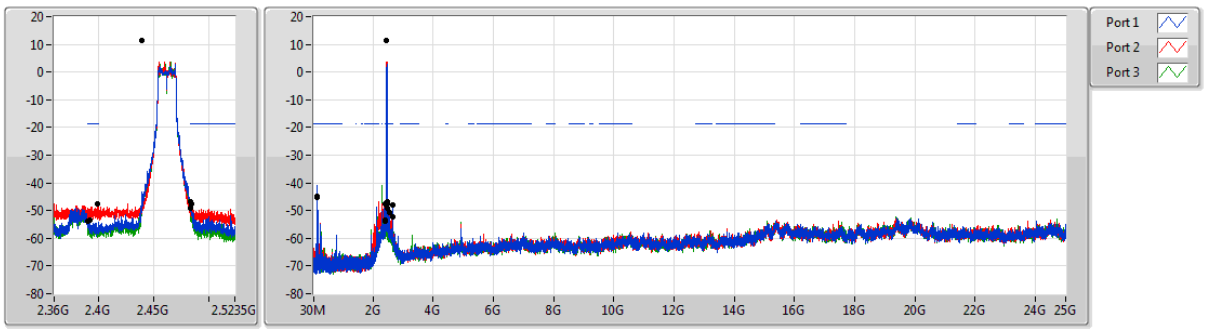
2437MHz



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	11.35	-18.65	147.665M	-45.14	2.39928G	-43.23	2.51998G	-44.12	2.638692G	-47.10	1
2.439412G	11.35	-18.65	147.665M	-45.01	2.39848G	-42.33	2.50006G	-46.70	2.548786G	-49.46	2
2.439412G	11.35	-18.65	2.300585G	-44.79	2.398G	-43.22	2.52006G	-42.11	2.638692G	-40.67	3

802.11g_(6Mbps)_3TX **CSE NdB**

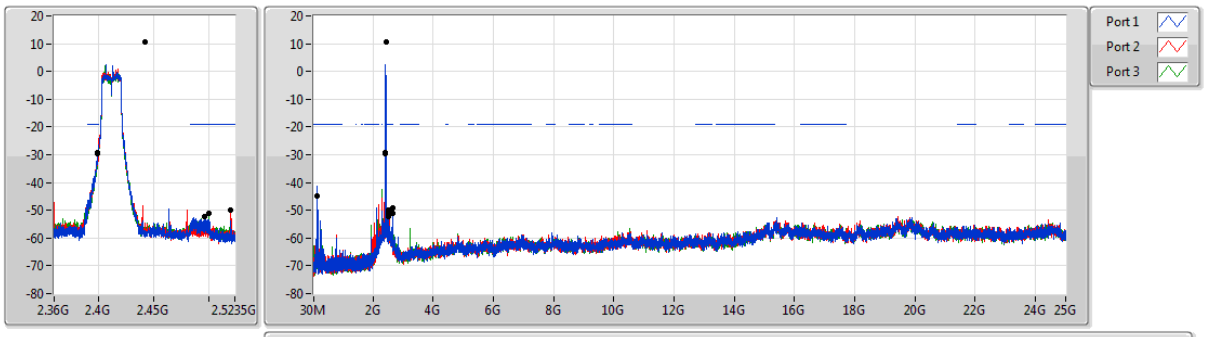
2462MHz



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	11.35	-18.65	147.665M	-45.07	2.392G	-53.39	2.48358G	-46.86	2.638692G	-47.97	1
2.439412G	11.35	-18.65	147.665M	-44.90	2.39952G	-47.48	2.48406G	-47.42	2.545977G	-50.81	2
2.439412G	11.35	-18.65	147.665M	-44.97	2.3904G	-53.94	2.48358G	-49.28	2.638692G	-52.26	3

802.11n HT20_Nss1,(MCS0)_3TX **CSE NdB**

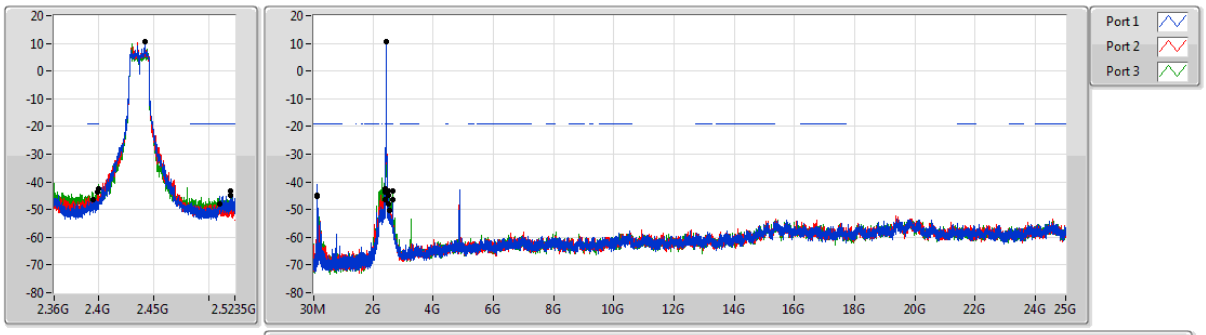
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.441917G	10.78	-19.22	147.665M	-44.95	2.39952G	-29.60	2.49638G	-52.40	2.638692G	-49.19	1
2.441917G	10.78	-19.22	147.665M	-44.91	2.39944G	-29.39	2.52006G	-50.06	2.557215G	-51.04	2
2.441917G	10.78	-19.22	147.665M	-44.99	2.39944G	-29.76	2.49998G	-51.26	2.638692G	-51.20	3

802.11n HT20_Nss1,(MCS0)_3TX **CSE NdB**

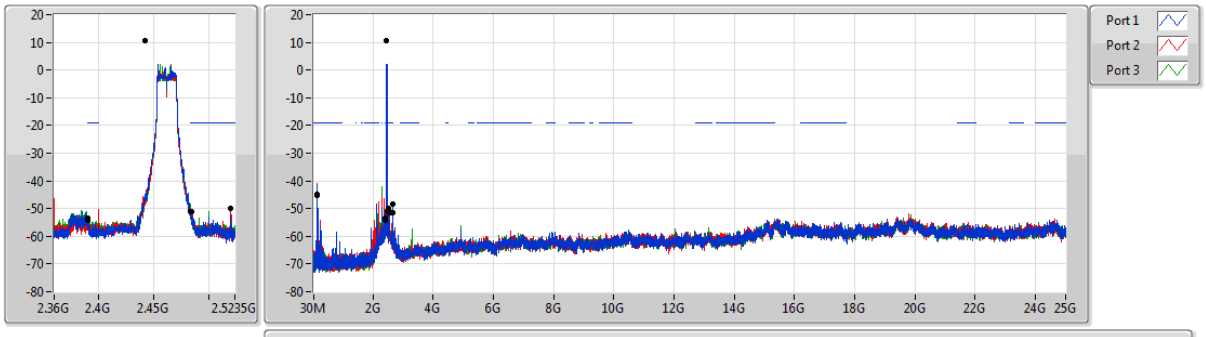
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.441917G	10.78	-19.22	147.665M	-44.89	2.39528G	-46.36	2.5199G	-45.00	2.638692G	-46.46	1
2.441917G	10.78	-19.22	147.665M	-44.98	2.39952G	-43.74	2.50966G	-47.86	2.543167G	-50.25	2
2.441917G	10.78	-19.22	147.665M	-45.21	2.39992G	-42.53	2.52006G	-43.37	2.638692G	-43.15	3

802.11n HT20_Nss1,(MCS0)_3TX **CSE NdB**

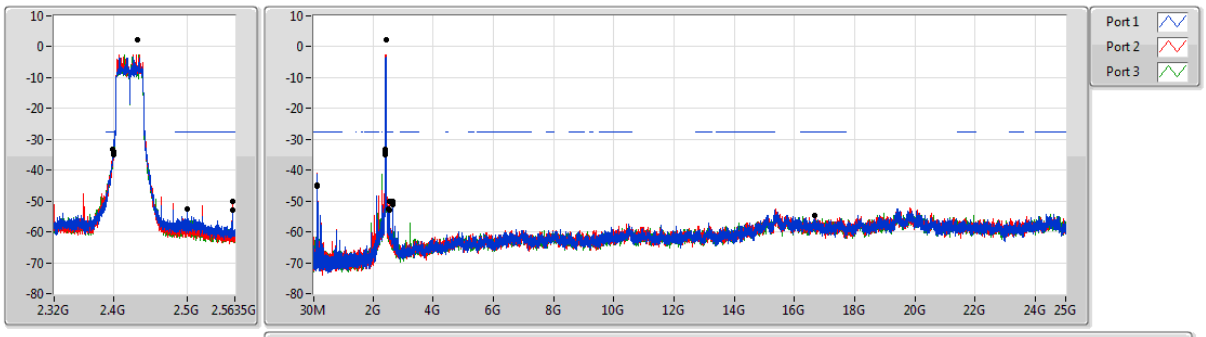
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.441917G	10.78	-19.22	147.665M	-45.00	2.39024G	-54.28	2.48358G	-50.95	2.638692G	-48.54	1
2.441917G	10.78	-19.22	147.665M	-44.92	2.39008G	-53.43	2.52006G	-49.82	2.557215G	-51.41	2
2.441917G	10.78	-19.22	147.665M	-45.23	2.39024G	-54.21	2.4839G	-51.08	2.638692G	-51.55	3

802.11n HT40_Nss1,(MCS0)_3TX **CSE NdB**

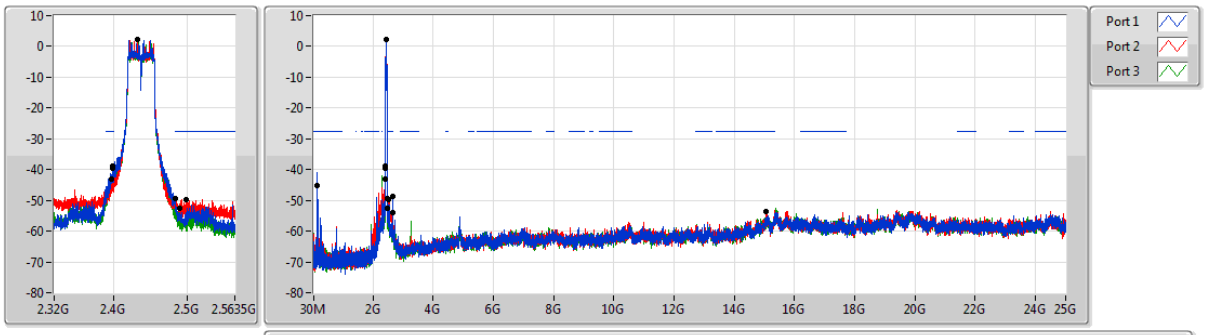
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.431897G	2.25	-27.75	146.79M	-45.00	2.39968G	-34.94	2.55998G	-52.78	2.639223G	-49.95	1
2.431897G	2.25	-27.75	146.79M	-44.92	2.39984G	-34.08	2.56014G	-50.28	16.681668G	-54.75	2
2.431897G	2.25	-27.75	146.79M	-45.14	2.39872G	-33.37	2.49998G	-52.61	2.639223G	-51.32	3

802.11n HT40_Nss1,(MCS0)_3TX **CSE NdB**

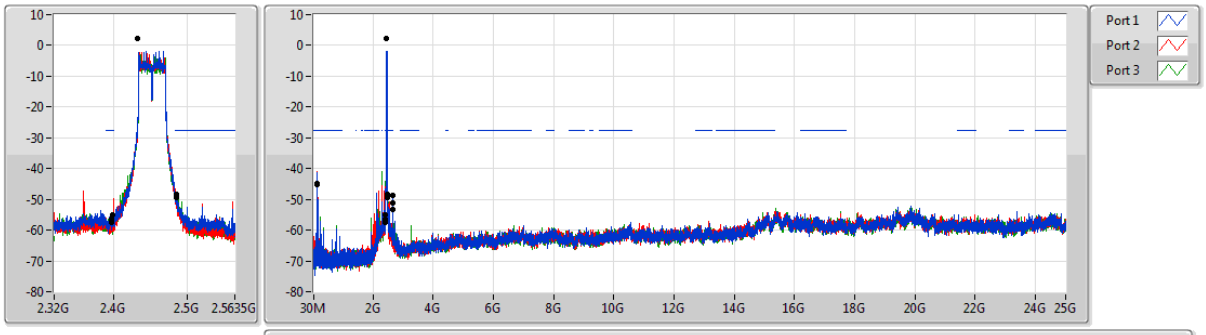
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.431897G	2.25	-27.75	146.79M	-45.16	2.39936G	-39.45	2.48382G	-49.50	2.639223G	-48.70	1
2.431897G	2.25	-27.75	146.79M	-45.07	2.39728G	-43.01	2.49806G	-49.83	15.049412G	-53.55	2
2.431897G	2.25	-27.75	146.79M	-45.17	2.3992G	-38.74	2.48926G	-52.69	2.639223G	-54.12	3

802.11n HT40_Nss1,(MCS0)_3TX **CSE NdB**

2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.431897G	2.25	-27.75	146.79M	-45.00	2.3984G	-54.90	2.48414G	-48.42	2.639223G	-48.82	1
2.431897G	2.25	-27.75	146.79M	-44.99	2.39792G	-57.38	2.4851G	-49.28	2.639223G	-53.28	2
2.431897G	2.25	-27.75	146.79M	-45.09	2.39712G	-56.46	2.48478G	-48.81	2.639223G	-51.34	3

Summary

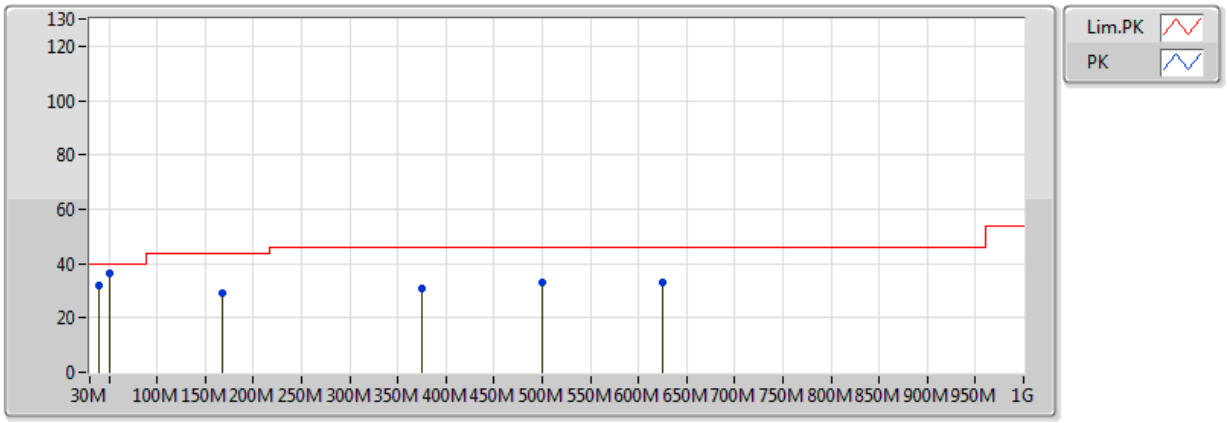
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	PK	51.34M	36.53	40.00	-3.47	-13.87	3	V	333	1.00	-

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
802.11n HT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	84.32M	32.80	40.00	-7.20	-13.72	3	H	0	1.00	-
2437MHz	Pass	PK	158.04M	31.33	43.50	-12.17	-10.45	3	H	0	1.00	-
2437MHz	Pass	PK	332.64M	34.30	46.00	-11.70	-5.96	3	H	0	1.00	-
2437MHz	Pass	PK	499.48M	37.49	46.00	-8.51	-2.52	3	H	0	1.00	-
2437MHz	Pass	PK	875.84M	37.04	46.00	-8.96	2.66	3	H	0	1.00	-
2437MHz	Pass	QP	30M	34.31	40.00	-5.69	-4.25	3	H	176	1.25	-
2437MHz	Pass	PK	51.34M	36.53	40.00	-3.47	-13.87	3	V	333	1.00	-
2437MHz	Pass	PK	167.74M	29.10	43.50	-14.40	-10.70	3	V	333	1.00	-
2437MHz	Pass	PK	375.32M	30.78	46.00	-15.22	-4.67	3	V	333	1.00	-
2437MHz	Pass	PK	499.48M	33.07	46.00	-12.93	-2.52	3	V	333	1.00	-
2437MHz	Pass	PK	625.58M	32.96	46.00	-13.04	-0.91	3	V	333	1.00	-
2437MHz	Pass	QP	39.7M	32.17	40.00	-7.83	-9.05	3	V	116	1.00	-

802.11n HT40_Nss1,(MCS0)_3TX

2437MHz_TX

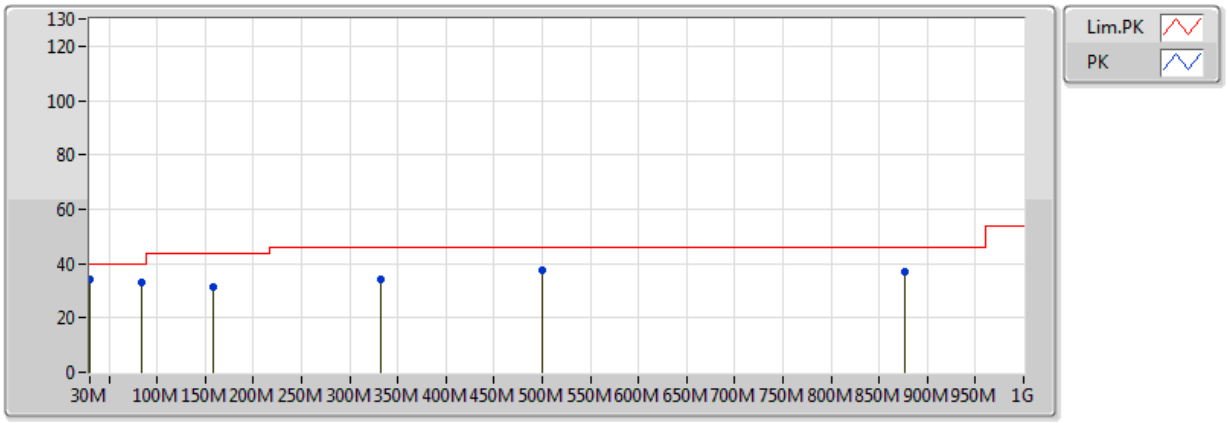


EUT = X, ANT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	51.34M	36.53	40.00	-3.47	-13.87	3	V	333	1.00	-
PK	167.74M	29.10	43.50	-14.40	-10.70	3	V	333	1.00	-
PK	375.32M	30.78	46.00	-15.22	-4.67	3	V	333	1.00	-
PK	499.48M	33.07	46.00	-12.93	-2.52	3	V	333	1.00	-
PK	625.58M	32.96	46.00	-13.04	-0.91	3	V	333	1.00	-
QP	39.7M	32.17	40.00	-7.83	-9.05	3	V	116	1.00	-

802.11n HT40_Nss1,(MCS0)_3TX

2437MHz_TX



EUT = X, ANT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	84.32M	32.80	40.00	-7.20	-13.72	3	H	0	1.00	-
PK	158.04M	31.33	43.50	-12.17	-10.45	3	H	0	1.00	-
PK	332.64M	34.30	46.00	-11.70	-5.96	3	H	0	1.00	-
PK	499.48M	37.49	46.00	-8.51	-2.52	3	H	0	1.00	-
PK	875.84M	37.04	46.00	-8.96	2.66	3	H	0	1.00	-
QP	30M	34.31	40.00	-5.69	-4.25	3	H	176	1.25	-

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)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	AV	2.3598G	53.38	54.00	-0.62	30.66	3	H	6	1.50	-

Result

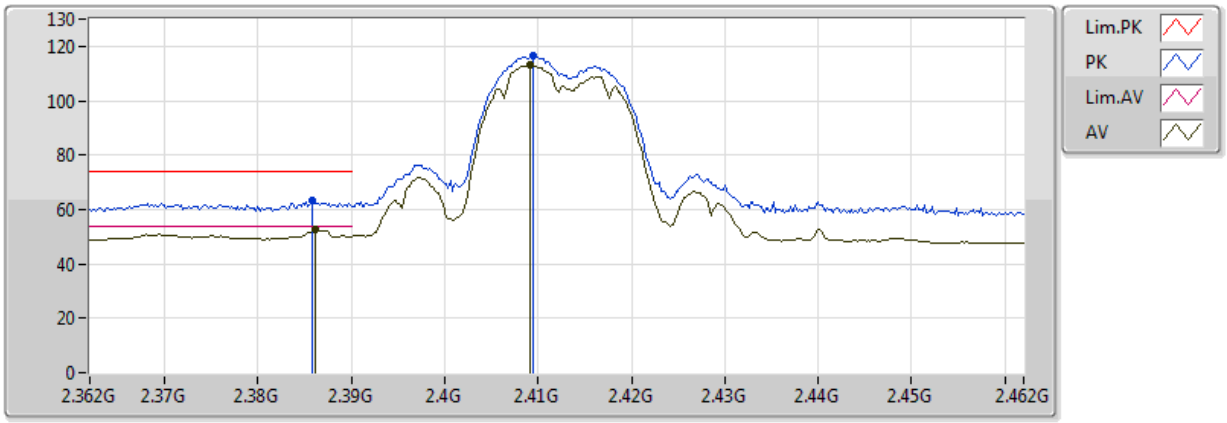
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11b_(1Mbps)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3862G	52.86	54.00	-1.14	30.74	3	H	5	1.55	-
2412MHz	Pass	AV	2.4092G	113.02	Inf	-Inf	30.82	3	H	5	1.55	-
2412MHz	Pass	AV	4.824G	48.31	54.00	-5.69	2.03	3	H	164	1.69	-
2412MHz	Pass	PK	2.3858G	63.21	74.00	-10.79	30.74	3	H	5	1.55	-
2412MHz	Pass	PK	2.4094G	116.52	Inf	-Inf	30.82	3	H	5	1.55	-
2412MHz	Pass	PK	4.824G	51.54	74.00	-22.46	2.03	3	H	164	1.69	-
2412MHz	Pass	AV	4.824G	46.52	54.00	-7.48	2.03	3	V	205	3.20	-
2412MHz	Pass	PK	4.824G	50.18	74.00	-23.82	2.03	3	V	205	3.20	-
2437MHz	Pass	AV	2.3598G	52.71	54.00	-1.29	30.66	3	H	189	1.49	-
2437MHz	Pass	AV	2.4362G	114.18	Inf	-Inf	30.91	3	H	189	1.49	-
2437MHz	Pass	AV	2.4898G	47.30	54.00	-6.70	31.10	3	H	189	1.49	-
2437MHz	Pass	AV	4.873886G	50.65	54.00	-3.35	2.17	3	H	139	1.80	-
2437MHz	Pass	AV	7.311G	48.35	54.00	-5.65	7.67	3	H	228	1.58	-
2437MHz	Pass	PK	2.3566G	69.54	74.00	-4.46	30.65	3	H	189	1.49	-
2437MHz	Pass	PK	2.4362G	118.03	Inf	-Inf	30.91	3	H	189	1.49	-
2437MHz	Pass	PK	2.4958G	58.72	74.00	-15.28	31.12	3	H	189	1.49	-
2437MHz	Pass	PK	4.874048G	53.44	74.00	-20.56	2.17	3	H	139	1.80	-
2437MHz	Pass	PK	7.311G	55.45	74.00	-18.55	7.68	3	H	228	1.58	-
2437MHz	Pass	AV	4.874G	43.63	54.00	-10.37	2.17	3	V	207	2.88	-
2437MHz	Pass	PK	4.874G	48.82	74.00	-25.18	2.17	3	V	207	2.88	-
2462MHz	Pass	AV	2.4602G	110.81	Inf	-Inf	30.99	3	H	2	1.52	-
2462MHz	Pass	AV	2.483502G	50.11	54.00	-3.89	31.07	3	H	2	1.52	-
2462MHz	Pass	AV	4.924G	44.27	54.00	-9.73	2.31	3	H	144	1.69	-
2462MHz	Pass	AV	7.386G	50.82	54.00	-3.18	7.85	3	H	269	1.54	-
2462MHz	Pass	PK	2.461G	114.79	Inf	-Inf	31.00	3	H	2	1.52	-
2462MHz	Pass	PK	2.4994G	62.04	74.00	-11.96	31.13	3	H	2	1.52	-
2462MHz	Pass	PK	4.924G	49.97	74.00	-24.03	2.31	3	H	144	1.69	-
2462MHz	Pass	PK	7.386G	56.97	74.00	-17.03	7.85	3	H	269	1.54	-
2462MHz	Pass	AV	4.924G	41.00	54.00	-13.00	2.31	3	V	233	2.50	-
2462MHz	Pass	PK	4.924G	48.07	74.00	-25.93	2.31	3	V	233	2.50	-
802.11g_(6Mbps)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	53.21	54.00	-0.79	30.76	3	H	185	1.49	-
2412MHz	Pass	AV	2.4058G	105.79	Inf	-Inf	30.81	3	H	185	1.49	-
2412MHz	Pass	AV	4.824G	32.51	54.00	-21.49	2.03	3	H	135	1.83	-
2412MHz	Pass	PK	2.39G	72.31	74.00	-1.69	30.76	3	H	185	1.49	-
2412MHz	Pass	PK	2.4062G	115.93	Inf	-Inf	30.81	3	H	185	1.49	-
2412MHz	Pass	PK	4.824G	46.75	74.00	-27.25	2.03	3	H	135	1.83	-
2412MHz	Pass	AV	4.824G	31.33	54.00	-22.67	2.03	3	V	195	1.50	-
2412MHz	Pass	PK	4.824G	44.35	74.00	-29.65	2.03	3	V	195	1.50	-
2437MHz	Pass	AV	2.3598G	53.38	54.00	-0.62	30.66	3	H	6	1.50	-
2437MHz	Pass	AV	2.4314G	112.48	Inf	-Inf	30.90	3	H	6	1.50	-
2437MHz	Pass	AV	2.4858G	52.03	54.00	-1.97	31.08	3	H	6	1.50	-
2437MHz	Pass	AV	4.874G	34.49	54.00	-19.51	2.17	3	H	174	1.44	-
2437MHz	Pass	PK	2.3522G	70.17	74.00	-3.83	30.63	3	H	6	1.50	-
2437MHz	Pass	PK	2.431G	122.15	Inf	-Inf	30.90	3	H	6	1.50	-
2437MHz	Pass	PK	2.4918G	65.87	74.00	-8.13	31.10	3	H	6	1.50	-
2437MHz	Pass	PK	4.874G	47.82	74.00	-26.18	2.17	3	H	174	1.44	-

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	34.03	54.00	-19.97	2.17	3	V	213	1.55	-
2437MHz	Pass	PK	4.874G	47.31	74.00	-26.69	2.17	3	V	213	1.55	-
2462MHz	Pass	AV	2.4578G	104.71	Inf	-Inf	30.99	3	H	5	1.17	-
2462MHz	Pass	AV	2.483502G	53.07	54.00	-0.93	31.07	3	H	5	1.17	-
2462MHz	Pass	AV	4.924G	30.34	54.00	-23.66	2.31	3	H	161	1.50	-
2462MHz	Pass	PK	2.458G	114.65	Inf	-Inf	30.99	3	H	5	1.17	-
2462MHz	Pass	PK	2.4838G	70.68	74.00	-3.32	31.07	3	H	5	1.17	-
2462MHz	Pass	PK	4.924G	43.65	74.00	-30.35	2.30	3	H	161	1.50	-
2462MHz	Pass	AV	4.924G	30.38	54.00	-23.62	2.31	3	V	153	2.03	-
2462MHz	Pass	PK	4.924G	43.44	74.00	-30.56	2.31	3	V	153	2.03	-
802.11n HT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	52.34	54.00	-1.66	30.76	3	H	187	1.50	-
2412MHz	Pass	AV	2.4186G	103.56	Inf	-Inf	30.85	3	H	187	1.50	-
2412MHz	Pass	AV	4.824G	30.94	54.00	-23.06	2.03	3	H	110	1.37	-
2412MHz	Pass	PK	2.3896G	71.70	74.00	-2.30	30.76	3	H	187	1.50	-
2412MHz	Pass	PK	2.4092G	112.70	Inf	-Inf	30.82	3	H	187	1.50	-
2412MHz	Pass	PK	4.824G	44.02	74.00	-29.98	2.03	3	H	110	1.37	-
2412MHz	Pass	AV	4.824G	30.26	54.00	-23.74	2.03	3	V	215	1.50	-
2412MHz	Pass	PK	4.824G	43.41	74.00	-30.59	2.03	3	V	215	1.50	-
2437MHz	Pass	AV	2.389998G	52.13	54.00	-1.87	30.76	3	H	187	1.49	-
2437MHz	Pass	AV	2.4294G	111.17	Inf	-Inf	30.89	3	H	187	1.49	-
2437MHz	Pass	AV	2.4854G	50.62	54.00	-3.38	31.08	3	H	187	1.49	-
2437MHz	Pass	AV	4.874G	33.63	54.00	-20.37	2.17	3	H	174	1.25	-
2437MHz	Pass	PK	2.3594G	69.90	74.00	-4.10	30.66	3	H	187	1.49	-
2437MHz	Pass	PK	2.4294G	120.30	Inf	-Inf	30.89	3	H	187	1.49	-
2437MHz	Pass	PK	2.4882G	62.84	74.00	-11.16	31.09	3	H	187	1.49	-
2437MHz	Pass	PK	4.874G	47.42	74.00	-26.58	2.17	3	H	174	1.25	-
2437MHz	Pass	AV	4.874G	32.59	54.00	-21.41	2.17	3	V	206	1.39	-
2437MHz	Pass	PK	4.874G	45.86	74.00	-28.14	2.17	3	V	206	1.39	-
2462MHz	Pass	AV	2.4632G	102.36	Inf	-Inf	31.00	3	H	7	2.00	-
2462MHz	Pass	AV	2.483502G	52.14	54.00	-1.86	31.07	3	H	7	2.00	-
2462MHz	Pass	AV	4.924G	30.00	54.00	-24.00	2.31	3	H	168	1.50	-
2462MHz	Pass	PK	2.4672G	112.69	Inf	-Inf	31.02	3	H	7	2.00	-
2462MHz	Pass	PK	2.4836G	67.63	74.00	-6.37	31.07	3	H	7	2.00	-
2462MHz	Pass	PK	4.924G	43.16	74.00	-30.84	2.31	3	H	168	1.50	-
2462MHz	Pass	AV	4.924G	30.22	54.00	-23.78	2.31	3	V	306	2.47	-
2462MHz	Pass	PK	4.924G	43.70	74.00	-30.30	2.31	3	V	306	2.47	-
802.11n HT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3896G	52.82	54.00	-1.18	30.76	3	H	188	1.50	-
2422MHz	Pass	AV	2.4084G	98.66	Inf	-Inf	30.82	3	H	188	1.50	-
2422MHz	Pass	AV	2.5G	46.97	54.00	-7.03	31.13	3	H	188	1.50	-
2422MHz	Pass	AV	4.844G	30.76	54.00	-23.24	2.09	3	H	164	2.02	-
2422MHz	Pass	PK	2.39G	69.48	74.00	-4.52	30.76	3	H	188	1.50	-
2422MHz	Pass	PK	2.4288G	107.84	Inf	-Inf	30.89	3	H	188	1.50	-
2422MHz	Pass	PK	2.4972G	61.42	74.00	-12.58	31.12	3	H	188	1.50	-
2422MHz	Pass	PK	4.844G	43.52	74.00	-30.48	2.09	3	H	164	2.02	-
2422MHz	Pass	AV	4.844G	30.63	54.00	-23.37	2.09	3	V	308	2.01	-
2422MHz	Pass	PK	4.844G	43.36	74.00	-30.64	2.09	3	V	308	2.01	-
2437MHz	Pass	AV	2.389998G	52.83	54.00	-1.17	30.76	3	H	11	2.81	-

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	2.4214G	103.04	Inf	-Inf	30.86	3	H	11	2.81	-
2437MHz	Pass	AV	2.483502G	50.50	54.00	-3.50	31.07	3	H	11	2.81	-
2437MHz	Pass	AV	4.874G	30.92	54.00	-23.08	2.17	3	H	204	1.50	-
2437MHz	Pass	PK	2.389998G	68.99	74.00	-5.01	30.76	3	H	11	2.81	-
2437MHz	Pass	PK	2.421G	111.72	Inf	-Inf	30.86	3	H	11	2.81	-
2437MHz	Pass	PK	2.483502G	63.25	74.00	-10.75	31.07	3	H	11	2.81	-
2437MHz	Pass	PK	4.874G	43.28	74.00	-30.72	2.17	3	H	204	1.50	-
2437MHz	Pass	AV	4.874G	31.12	54.00	-22.88	2.17	3	V	218	2.36	-
2437MHz	Pass	PK	4.874G	43.45	74.00	-30.55	2.17	3	V	218	2.36	-
2452MHz	Pass	AV	2.376G	46.23	54.00	-7.77	30.71	3	H	187	1.49	-
2452MHz	Pass	AV	2.4432G	99.48	Inf	-Inf	30.94	3	H	187	1.49	-
2452MHz	Pass	AV	2.4836G	52.83	54.00	-1.17	31.07	3	H	187	1.49	-
2452MHz	Pass	AV	4.904G	31.06	54.00	-22.94	2.25	3	H	261	2.20	-
2452MHz	Pass	PK	2.3832G	62.77	74.00	-11.23	30.73	3	H	187	1.49	-
2452MHz	Pass	PK	2.4432G	108.72	Inf	-Inf	30.94	3	H	187	1.49	-
2452MHz	Pass	PK	2.484G	67.07	74.00	-6.93	31.08	3	H	187	1.49	-
2452MHz	Pass	PK	4.904G	44.01	74.00	-29.99	2.25	3	H	261	2.20	-
2452MHz	Pass	AV	4.904G	30.94	54.00	-23.06	2.25	3	V	310	1.58	-
2452MHz	Pass	PK	4.904G	43.86	74.00	-30.14	2.25	3	V	310	1.58	-

802.11b_(1Mbps)_3TX

2412MHz_TX

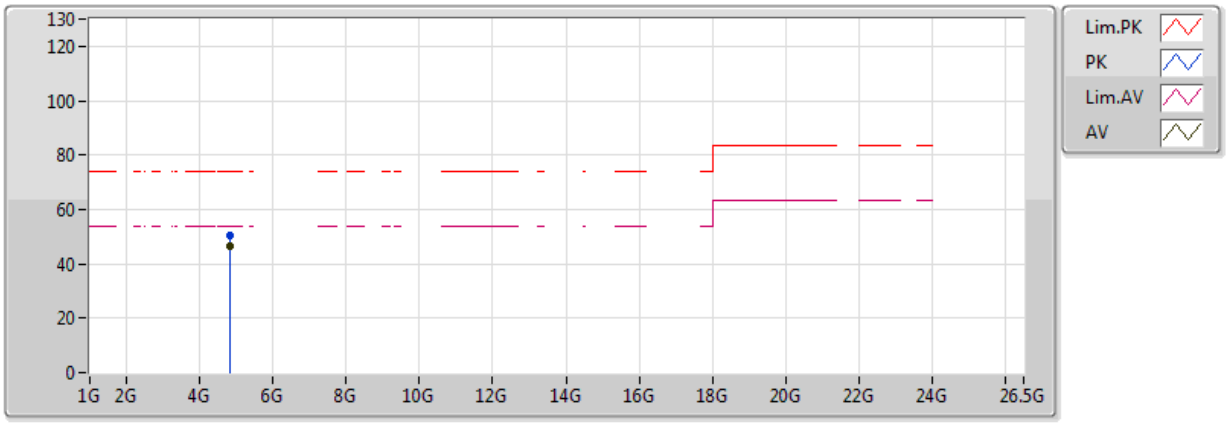


EUT = X, ANT = Z

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	52.86	54.00	-1.14	30.74	3	H	5	1.55	-
AV	2.4092G	113.02	Inf	-Inf	30.82	3	H	5	1.55	-
PK	2.3858G	63.21	74.00	-10.79	30.74	3	H	5	1.55	-
PK	2.4094G	116.52	Inf	-Inf	30.82	3	H	5	1.55	-

802.11b_(1Mbps)_3TX

2412MHz_TX

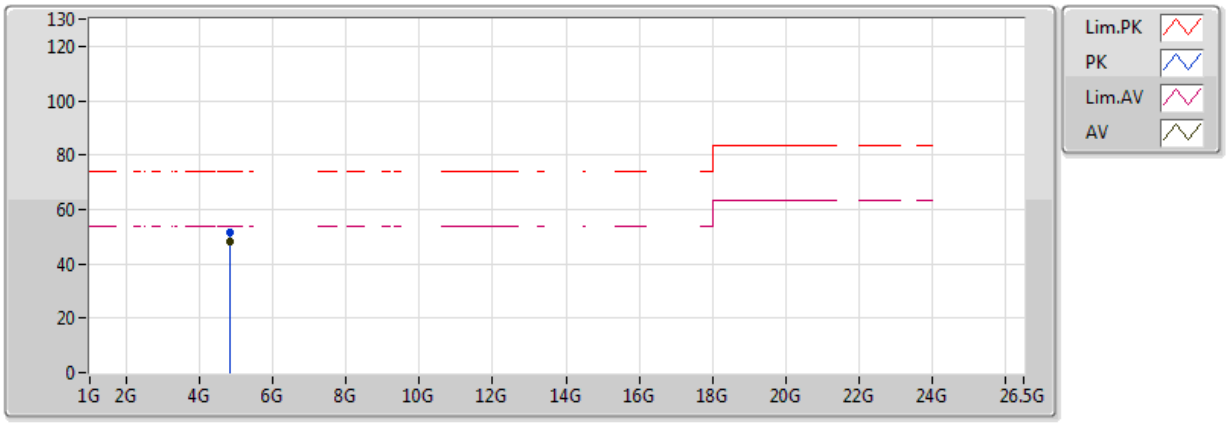


EUT = X, ANT = Z

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	46.52	54.00	-7.48	2.03	3	V	205	3.20	-
PK	4.824G	50.18	74.00	-23.82	2.03	3	V	205	3.20	-

802.11b_(1Mbps)_3TX

2412MHz_TX

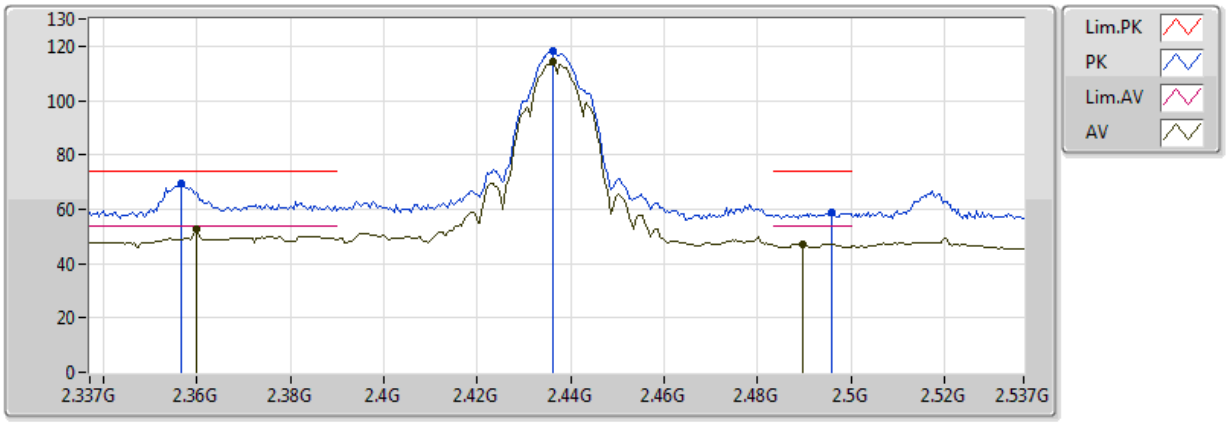


EUT = X, ANT = Z

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	48.31	54.00	-5.69	2.03	3	H	164	1.69	-
PK	4.824G	51.54	74.00	-22.46	2.03	3	H	164	1.69	-

802.11b_(1Mbps)_3TX

2437MHz_TX

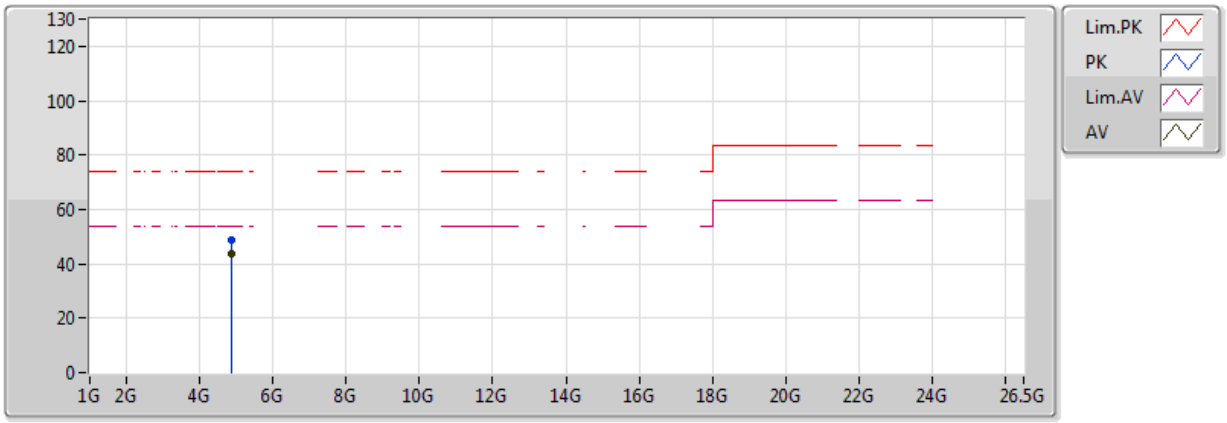


EUT = X, ANT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3598G	52.71	54.00	-1.29	30.66	3	H	189	1.49	-
AV	2.4362G	114.18	Inf	-Inf	30.91	3	H	189	1.49	-
AV	2.4898G	47.30	54.00	-6.70	31.10	3	H	189	1.49	-
PK	2.3566G	69.54	74.00	-4.46	30.65	3	H	189	1.49	-
PK	2.4362G	118.03	Inf	-Inf	30.91	3	H	189	1.49	-
PK	2.4958G	58.72	74.00	-15.28	31.12	3	H	189	1.49	-

802.11b_(1Mbps)_3TX

2437MHz_TX

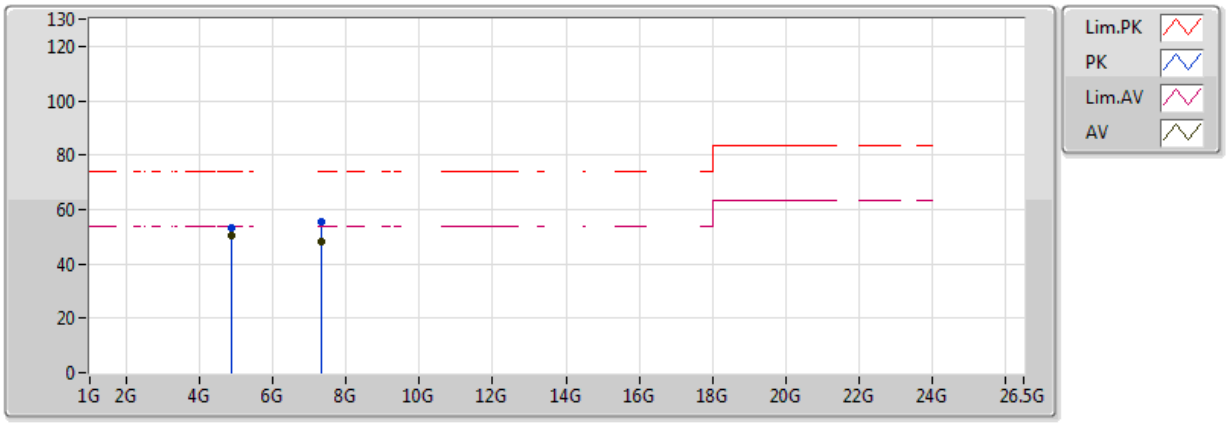


EUT = X, ANT = Z

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	43.63	54.00	-10.37	2.17	3	V	207	2.88	-
PK	4.874G	48.82	74.00	-25.18	2.17	3	V	207	2.88	-

802.11b_(1Mbps)_3TX

2437MHz_TX

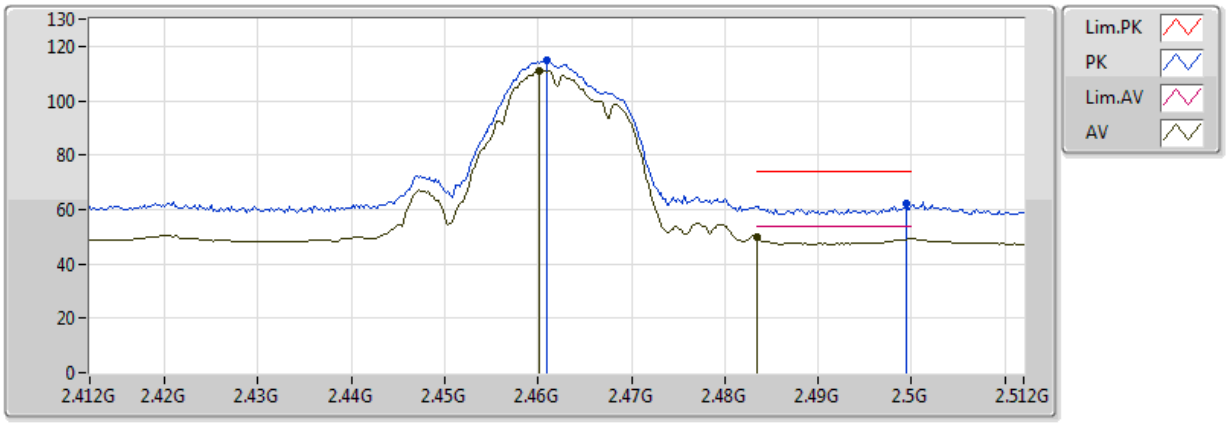


EUT = X, ANT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.873886G	50.65	54.00	-3.35	2.17	3	H	139	1.80	-
AV	7.311G	48.35	54.00	-5.65	7.67	3	H	228	1.58	-
PK	4.874048G	53.44	74.00	-20.56	2.17	3	H	139	1.80	-
PK	7.311G	55.45	74.00	-18.55	7.68	3	H	228	1.58	-

802.11b_(1Mbps)_3TX

2462MHz_TX

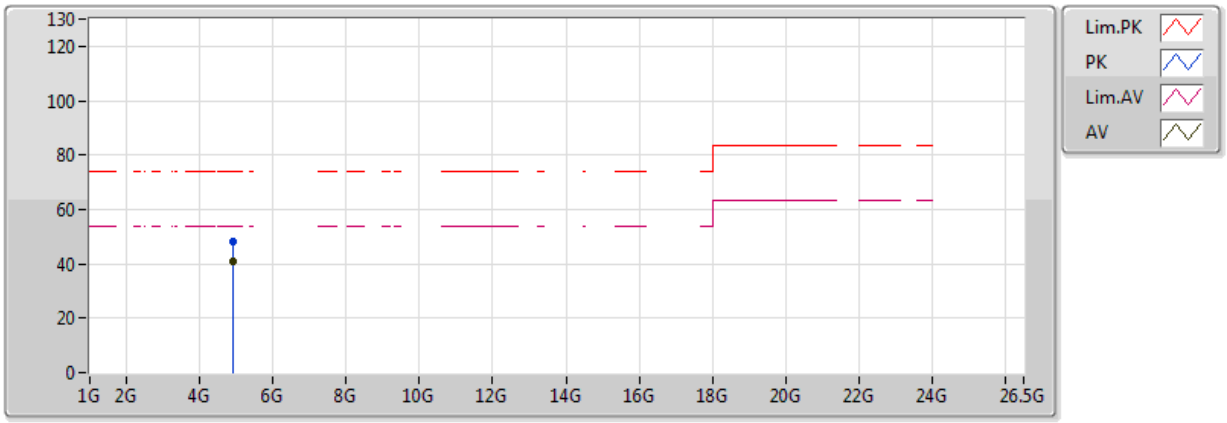


EUT = X, ANT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.4602G	110.81	Inf	-Inf	30.99	3	H	2	1.52	-
AV	2.483502G	50.11	54.00	-3.89	31.07	3	H	2	1.52	-
PK	2.461G	114.79	Inf	-Inf	31.00	3	H	2	1.52	-
PK	2.4994G	62.04	74.00	-11.96	31.13	3	H	2	1.52	-

802.11b_(1Mbps)_3TX

2462MHz_TX

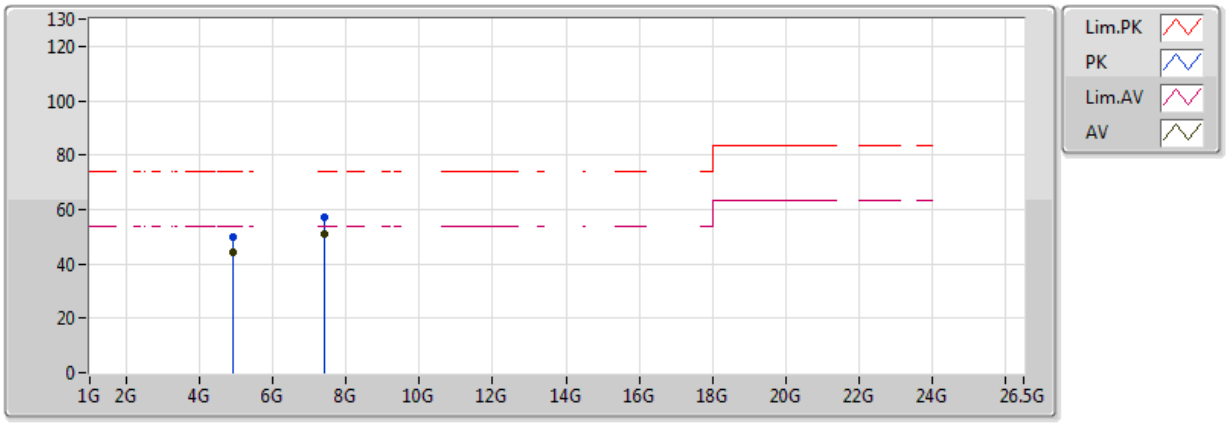


EUT = X, ANT = Z

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	41.00	54.00	-13.00	2.31	3	V	233	2.50	-
PK	4.924G	48.07	74.00	-25.93	2.31	3	V	233	2.50	-

802.11b_(1Mbps)_3TX

2462MHz_TX

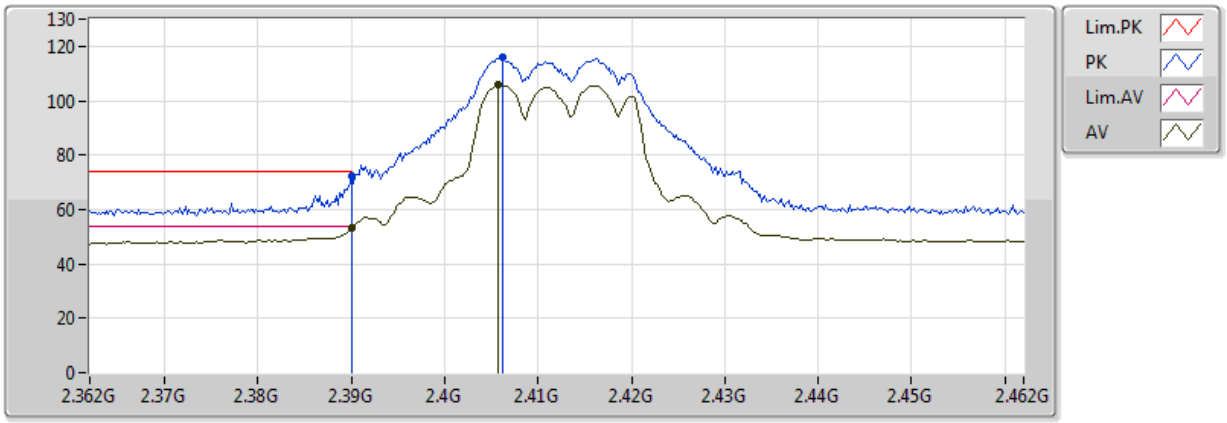


EUT = X, ANT = Z

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	44.27	54.00	-9.73	2.31	3	H	144	1.69	-
AV	7.386G	50.82	54.00	-3.18	7.85	3	H	269	1.54	-
PK	4.924G	49.97	74.00	-24.03	2.31	3	H	144	1.69	-
PK	7.386G	56.97	74.00	-17.03	7.85	3	H	269	1.54	-

802.11g_(6Mbps)_3TX

2412MHz_TX

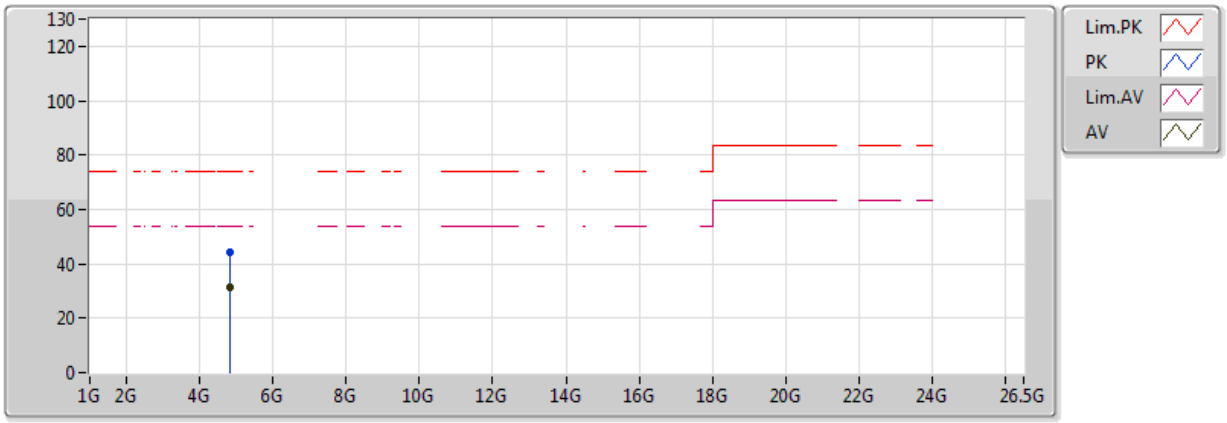


EUT = X, ANT = Z

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	53.21	54.00	-0.79	30.76	3	H	185	1.49	-
AV	2.4058G	105.79	Inf	-Inf	30.81	3	H	185	1.49	-
PK	2.39G	72.31	74.00	-1.69	30.76	3	H	185	1.49	-
PK	2.4062G	115.93	Inf	-Inf	30.81	3	H	185	1.49	-

802.11g_(6Mbps)_3TX

2412MHz_TX

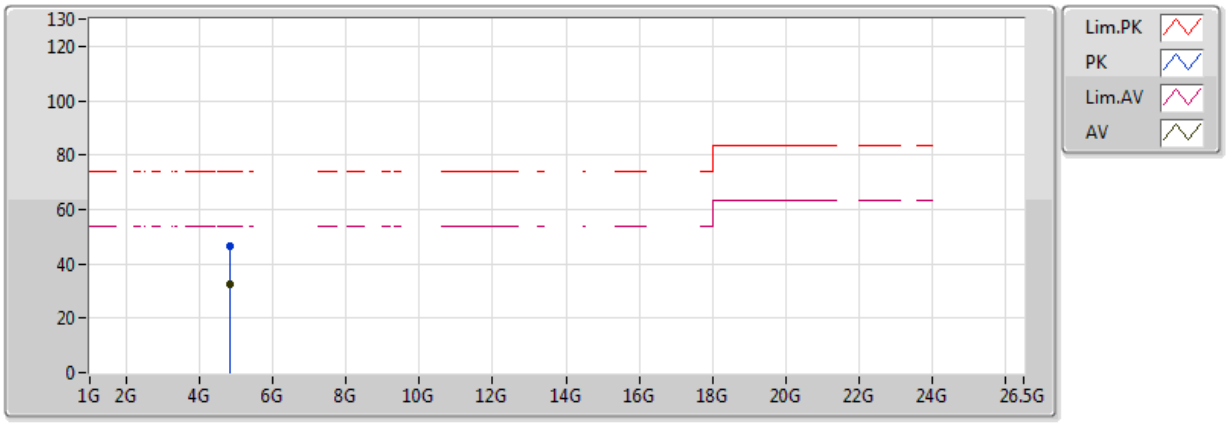


EUT = X, ANT = Z

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	31.33	54.00	-22.67	2.03	3	V	195	1.50	-
PK	4.824G	44.35	74.00	-29.65	2.03	3	V	195	1.50	-

802.11g_(6Mbps)_3TX

2412MHz_TX

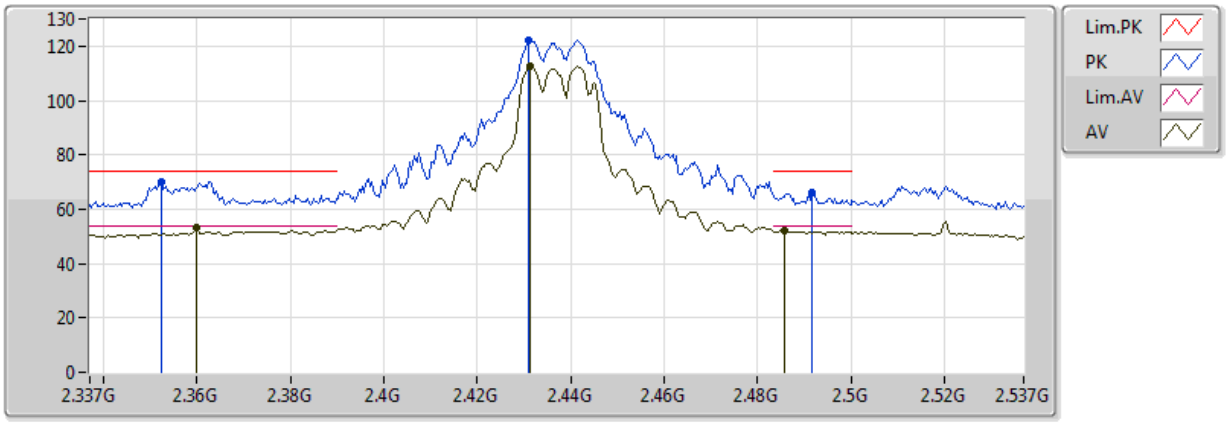


EUT = X, ANT = Z

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	32.51	54.00	-21.49	2.03	3	H	135	1.83	-
PK	4.824G	46.75	74.00	-27.25	2.03	3	H	135	1.83	-

802.11g_(6Mbps)_3TX

2437MHz_TX

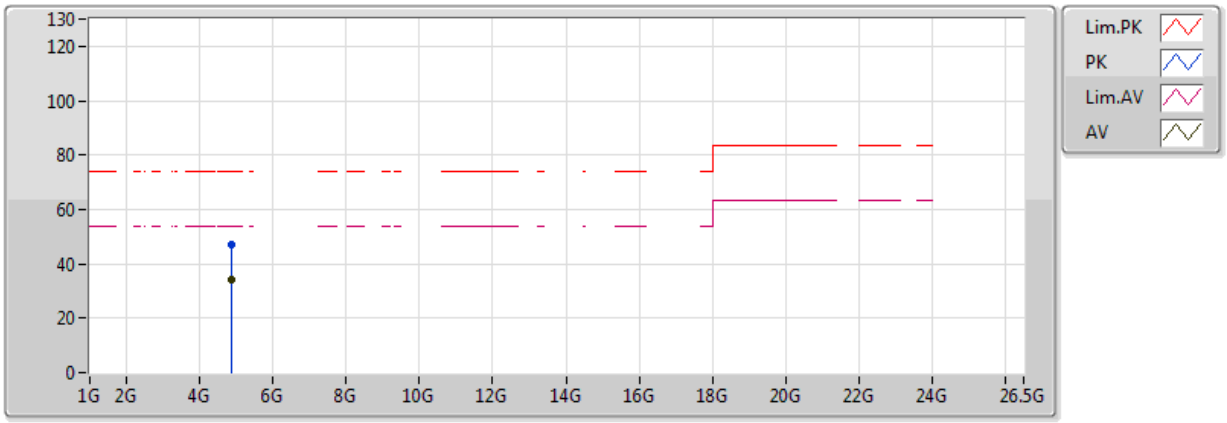


EUT = X, ANT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3598G	53.38	54.00	-0.62	30.66	3	H	6	1.50	-
AV	2.4314G	112.48	Inf	-Inf	30.90	3	H	6	1.50	-
AV	2.4858G	52.03	54.00	-1.97	31.08	3	H	6	1.50	-
PK	2.3522G	70.17	74.00	-3.83	30.63	3	H	6	1.50	-
PK	2.431G	122.15	Inf	-Inf	30.90	3	H	6	1.50	-
PK	2.4918G	65.87	74.00	-8.13	31.10	3	H	6	1.50	-

802.11g_(6Mbps)_3TX

2437MHz_TX

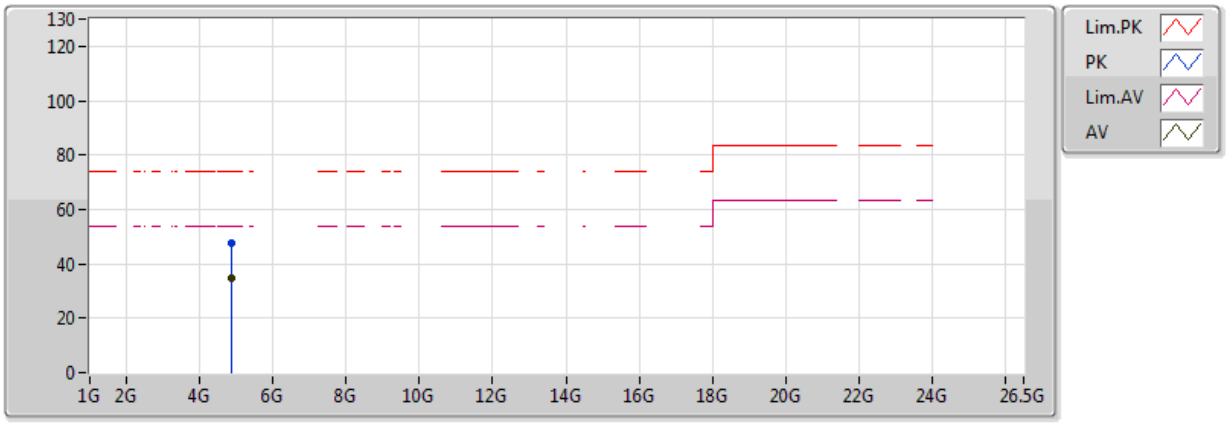


EUT = X, ANT = Z

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	34.03	54.00	-19.97	2.17	3	V	213	1.55	-
PK	4.874G	47.31	74.00	-26.69	2.17	3	V	213	1.55	-

802.11g_(6Mbps)_3TX

2437MHz_TX

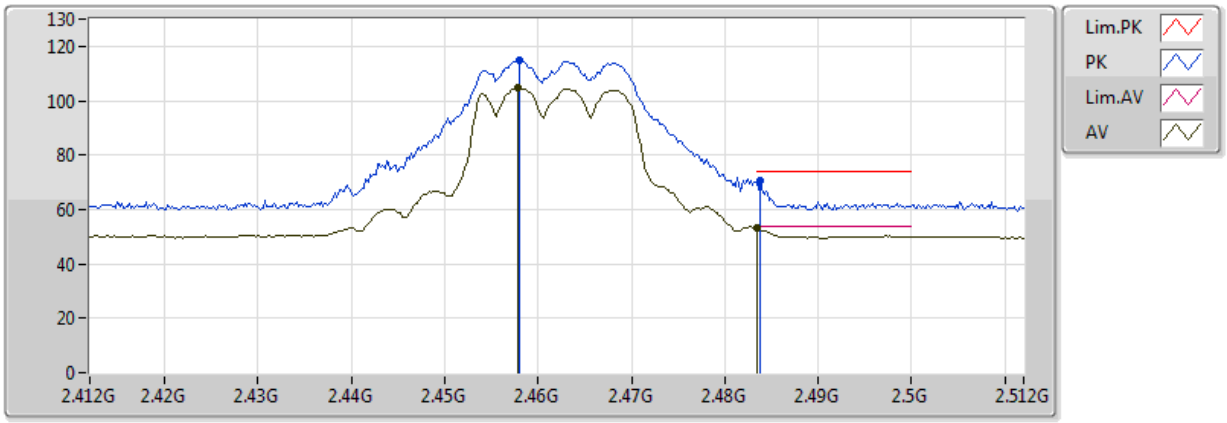


EUT = X, ANT = Z

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	34.49	54.00	-19.51	2.17	3	H	174	1.44	-
PK	4.874G	47.82	74.00	-26.18	2.17	3	H	174	1.44	-

802.11g_(6Mbps)_3TX

2462MHz_TX

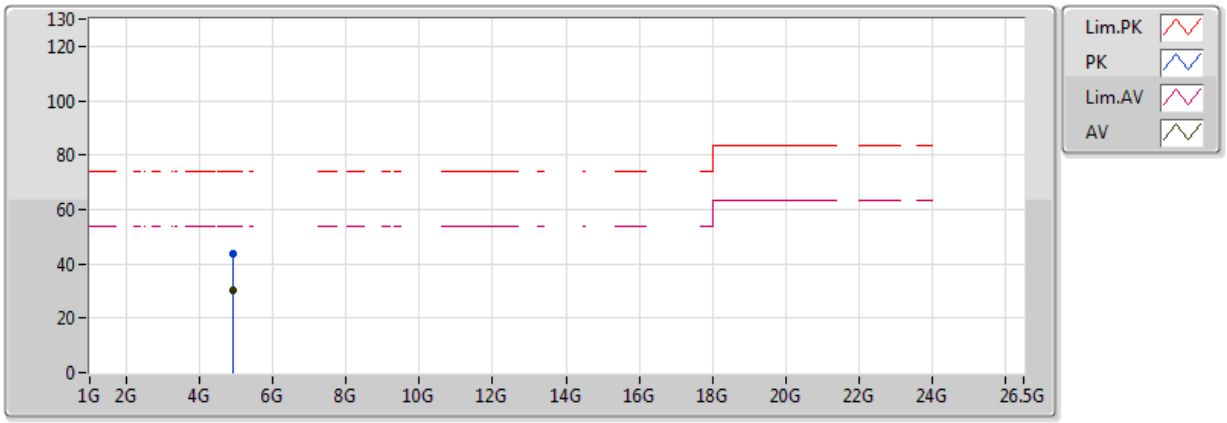


EUT = X, ANT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.4578G	104.71	Inf	-Inf	30.99	3	H	5	1.17	-
AV	2.483502G	53.07	54.00	-0.93	31.07	3	H	5	1.17	-
PK	2.458G	114.65	Inf	-Inf	30.99	3	H	5	1.17	-
PK	2.4838G	70.68	74.00	-3.32	31.07	3	H	5	1.17	-

802.11g_(6Mbps)_3TX

2462MHz_TX

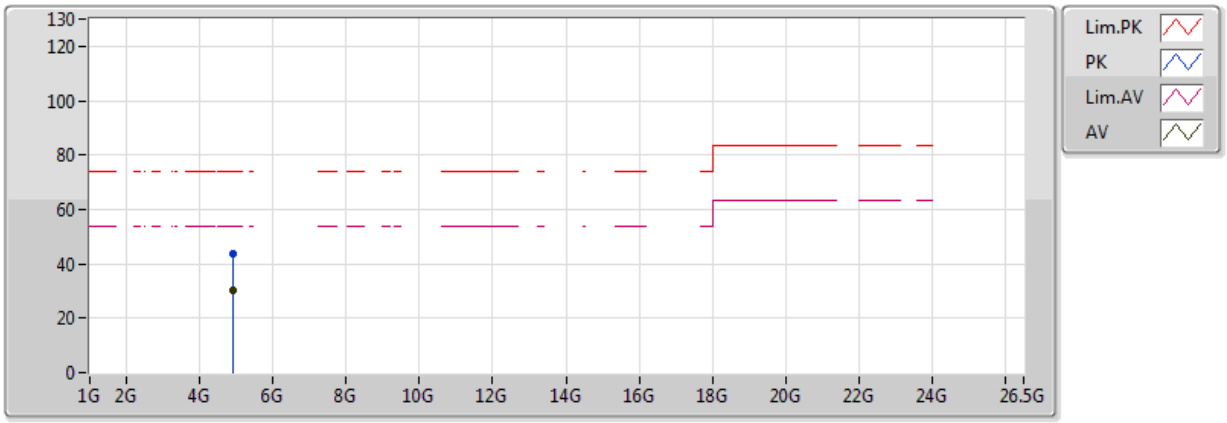


EUT = X, ANT = Z

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	30.38	54.00	-23.62	2.31	3	V	153	2.03	-
PK	4.924G	43.44	74.00	-30.56	2.31	3	V	153	2.03	-

802.11g_(6Mbps)_3TX

2462MHz_TX

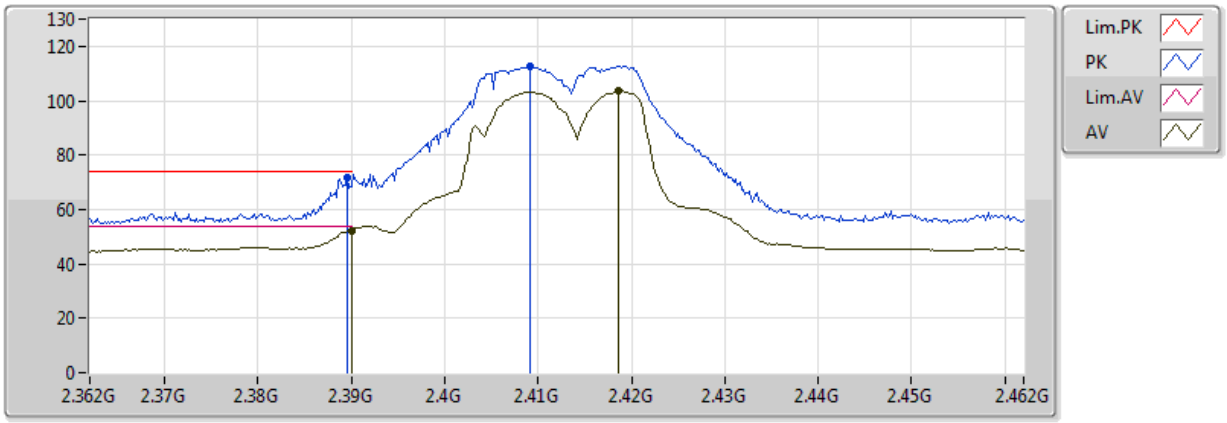


EUT = X, ANT = Z

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	30.34	54.00	-23.66	2.31	3	H	161	1.50	-
PK	4.924G	43.65	74.00	-30.35	2.30	3	H	161	1.50	-

802.11n HT20_Nss1,(MCS0)_3TX

2412MHz_TX

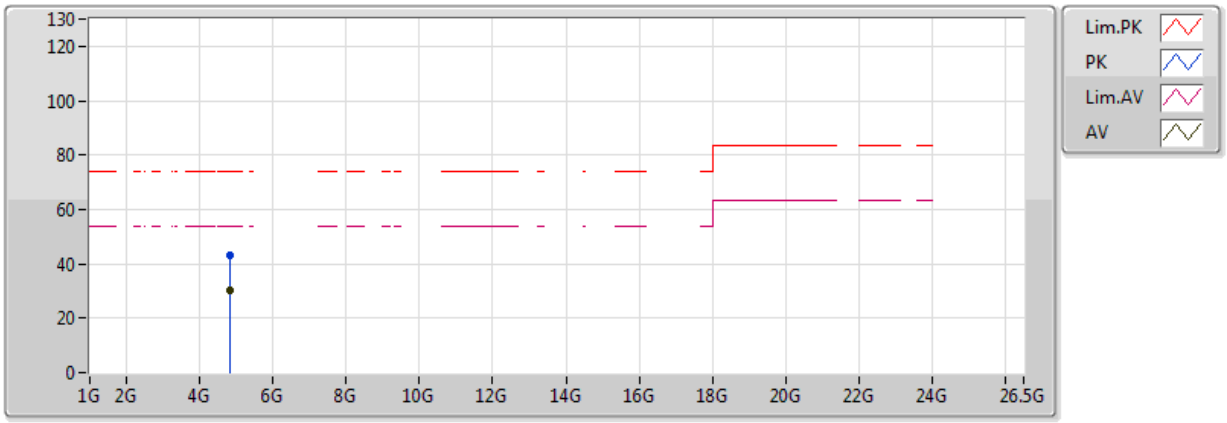


EUT = X, ANT = Z

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	52.34	54.00	-1.66	30.76	3	H	187	1.50	-
AV	2.4186G	103.56	Inf	-Inf	30.85	3	H	187	1.50	-
PK	2.3896G	71.70	74.00	-2.30	30.76	3	H	187	1.50	-
PK	2.4092G	112.70	Inf	-Inf	30.82	3	H	187	1.50	-

802.11n HT20_Nss1,(MCS0)_3TX

2412MHz_TX

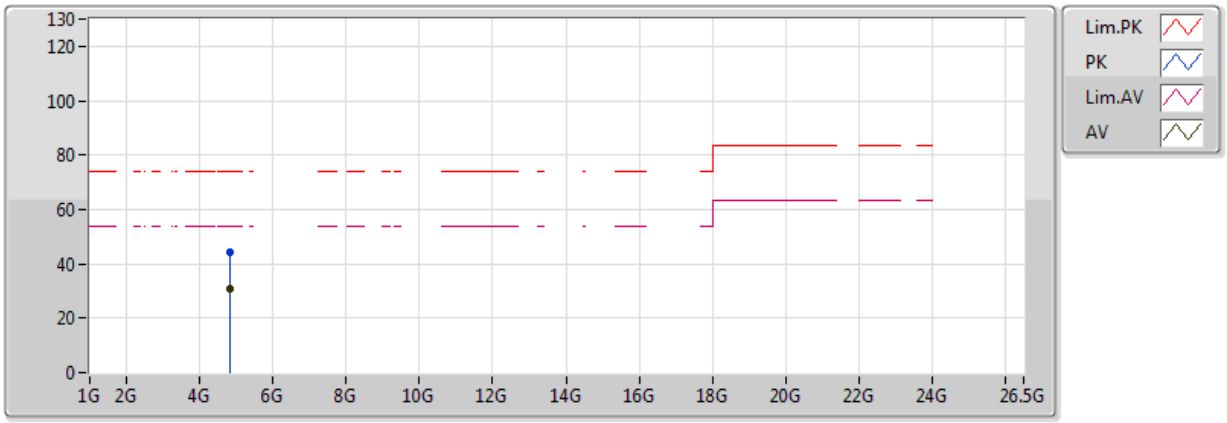


EUT = X, ANT = Z

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	30.26	54.00	-23.74	2.03	3	V	215	1.50	-
PK	4.824G	43.41	74.00	-30.59	2.03	3	V	215	1.50	-

802.11n HT20_Nss1,(MCS0)_3TX

2412MHz_TX

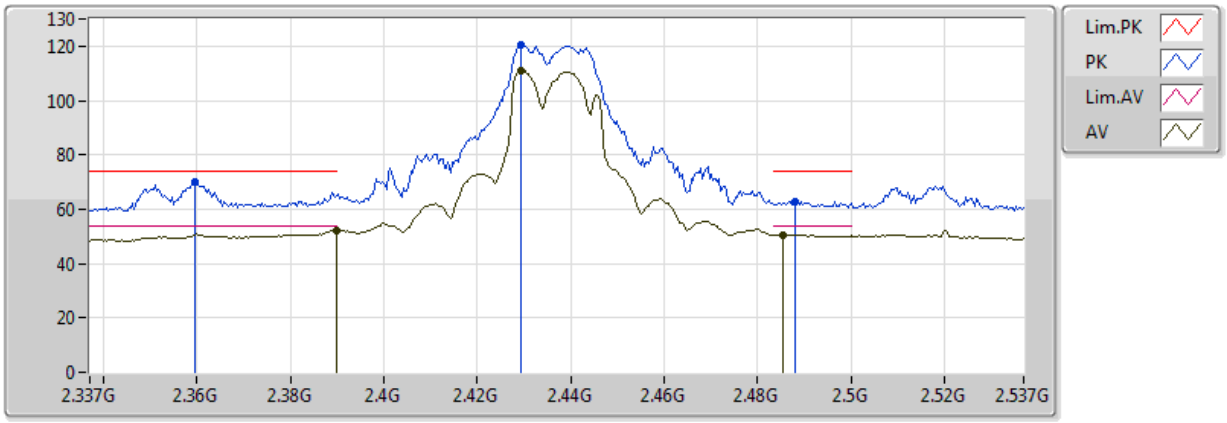


EUT = X, ANT = Z

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	30.94	54.00	-23.06	2.03	3	H	110	1.37	-
PK	4.824G	44.02	74.00	-29.98	2.03	3	H	110	1.37	-

802.11n HT20_Nss1,(MCS0)_3TX

2437MHz_TX

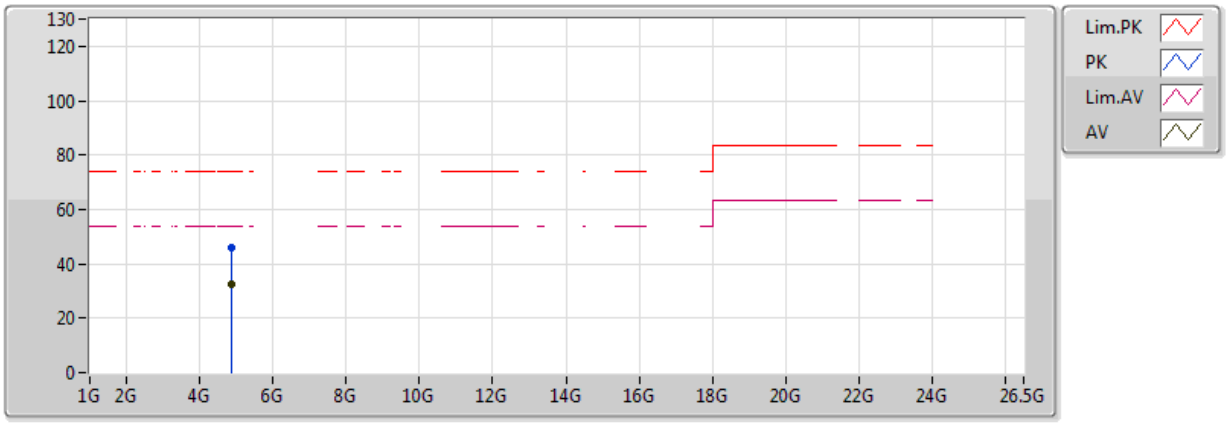


EUT = X, ANT = Z

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	52.13	54.00	-1.87	30.76	3	H	187	1.49	-
AV	2.4294G	111.17	Inf	-Inf	30.89	3	H	187	1.49	-
AV	2.4854G	50.62	54.00	-3.38	31.08	3	H	187	1.49	-
PK	2.3594G	69.90	74.00	-4.10	30.66	3	H	187	1.49	-
PK	2.4294G	120.30	Inf	-Inf	30.89	3	H	187	1.49	-
PK	2.4882G	62.84	74.00	-11.16	31.09	3	H	187	1.49	-

802.11n HT20_Nss1,(MCS0)_3TX

2437MHz_TX

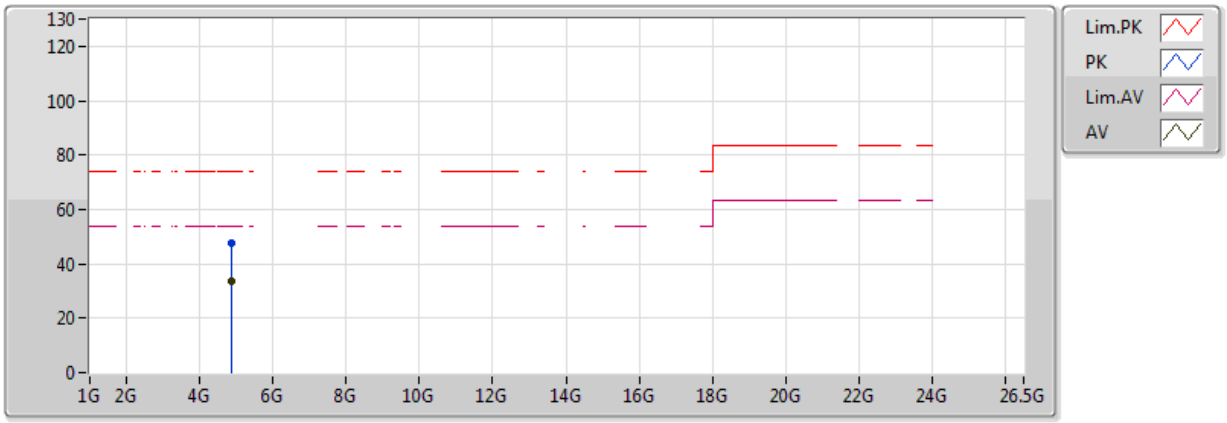


EUT = X, ANT = Z

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	32.59	54.00	-21.41	2.17	3	V	206	1.39	-
PK	4.874G	45.86	74.00	-28.14	2.17	3	V	206	1.39	-

802.11n HT20_Nss1,(MCS0)_3TX

2437MHz_TX

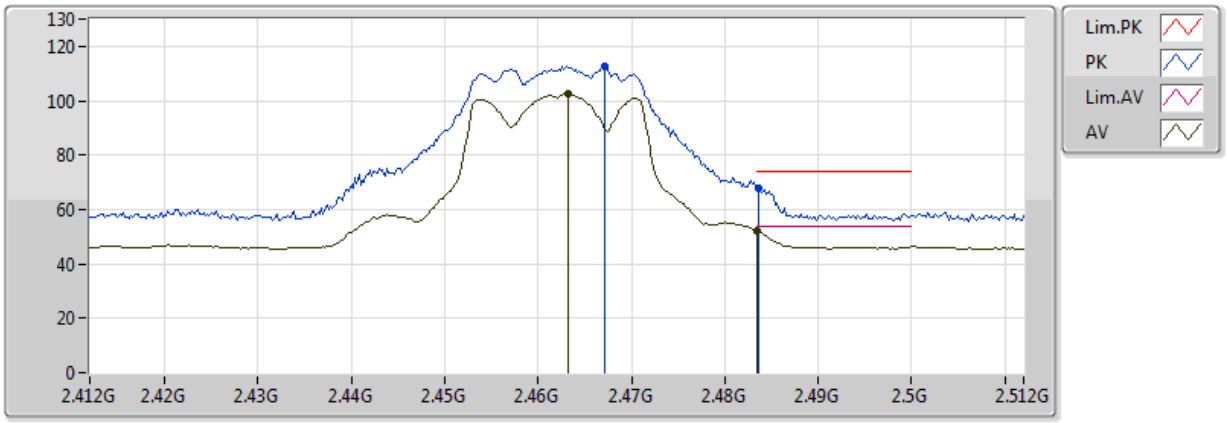


EUT = X, ANT = Z

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	33.63	54.00	-20.37	2.17	3	H	174	1.25	-
PK	4.874G	47.42	74.00	-26.58	2.17	3	H	174	1.25	-

802.11n HT20_Nss1,(MCS0)_3TX

2462MHz_TX

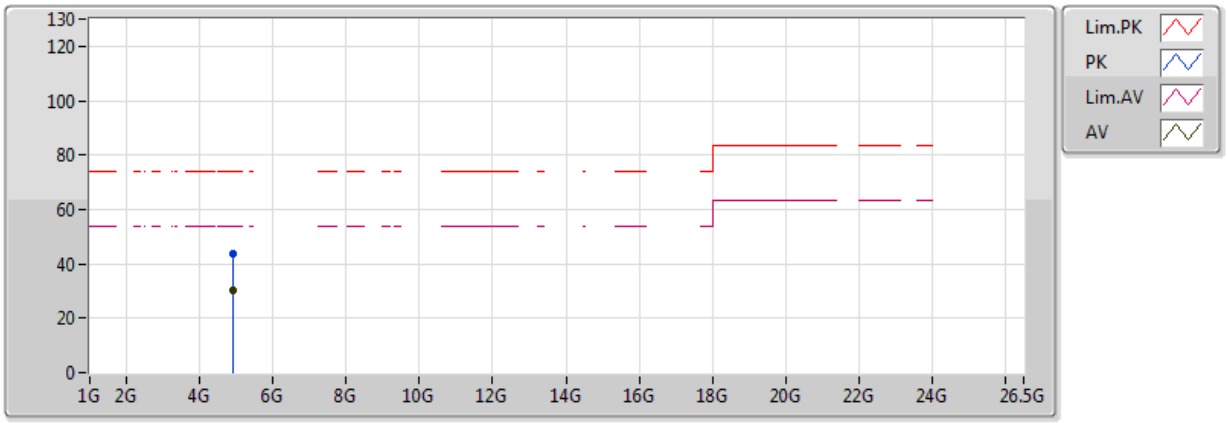


EUT = X, ANT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.4632G	102.36	Inf	-Inf	31.00	3	H	7	2.00	-
AV	2.483502G	52.14	54.00	-1.86	31.07	3	H	7	2.00	-
PK	2.4672G	112.69	Inf	-Inf	31.02	3	H	7	2.00	-
PK	2.4836G	67.63	74.00	-6.37	31.07	3	H	7	2.00	-

802.11n HT20_Nss1,(MCS0)_3TX

2462MHz_TX

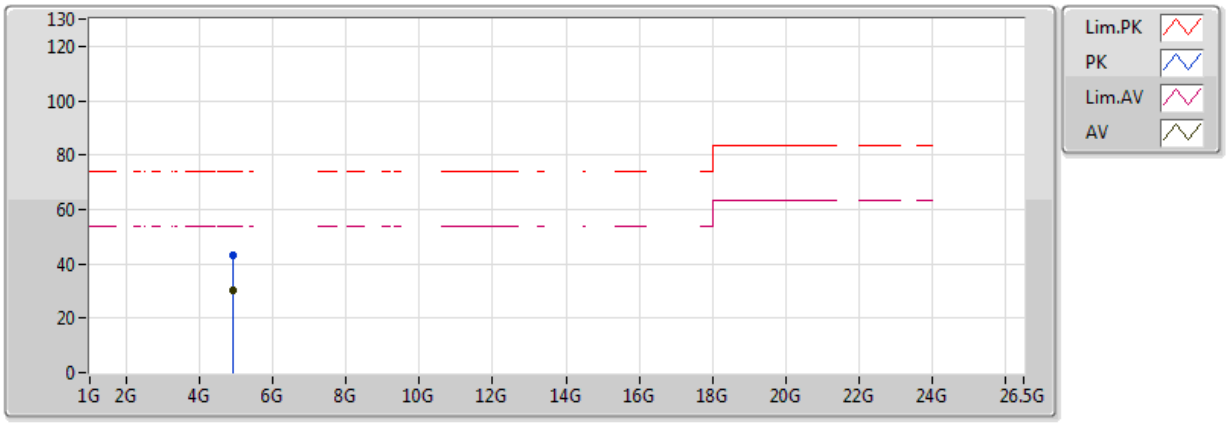


EUT = X, ANT = Z

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	30.22	54.00	-23.78	2.31	3	V	306	2.47	-
PK	4.924G	43.70	74.00	-30.30	2.31	3	V	306	2.47	-

802.11n HT20_Nss1,(MCS0)_3TX

2462MHz_TX

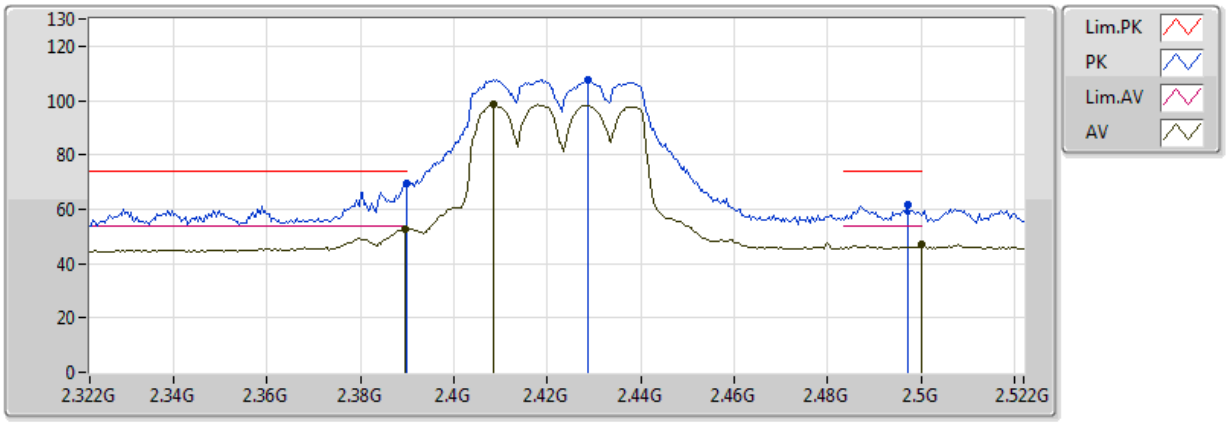


EUT = X, ANT = Z

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	30.00	54.00	-24.00	2.31	3	H	168	1.50	-
PK	4.924G	43.16	74.00	-30.84	2.31	3	H	168	1.50	-

802.11n HT40_Nss1,(MCS0)_3TX

2422MHz_TX

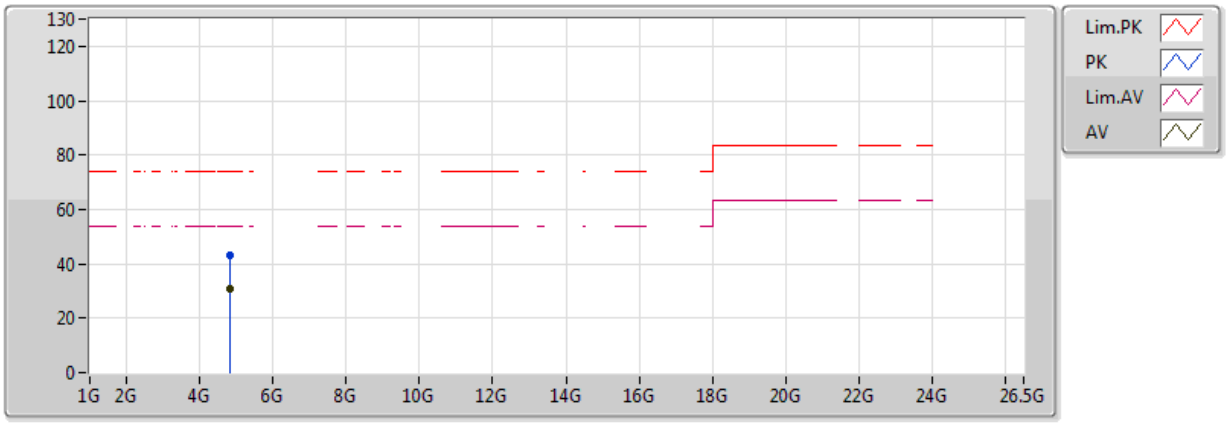


EUT = X, ANT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3896G	52.82	54.00	-1.18	30.76	3	H	188	1.50	-
AV	2.4084G	98.66	Inf	-Inf	30.82	3	H	188	1.50	-
AV	2.5G	46.97	54.00	-7.03	31.13	3	H	188	1.50	-
PK	2.39G	69.48	74.00	-4.52	30.76	3	H	188	1.50	-
PK	2.4288G	107.84	Inf	-Inf	30.89	3	H	188	1.50	-
PK	2.4972G	61.42	74.00	-12.58	31.12	3	H	188	1.50	-

802.11n HT40_Nss1,(MCS0)_3TX

2422MHz_TX

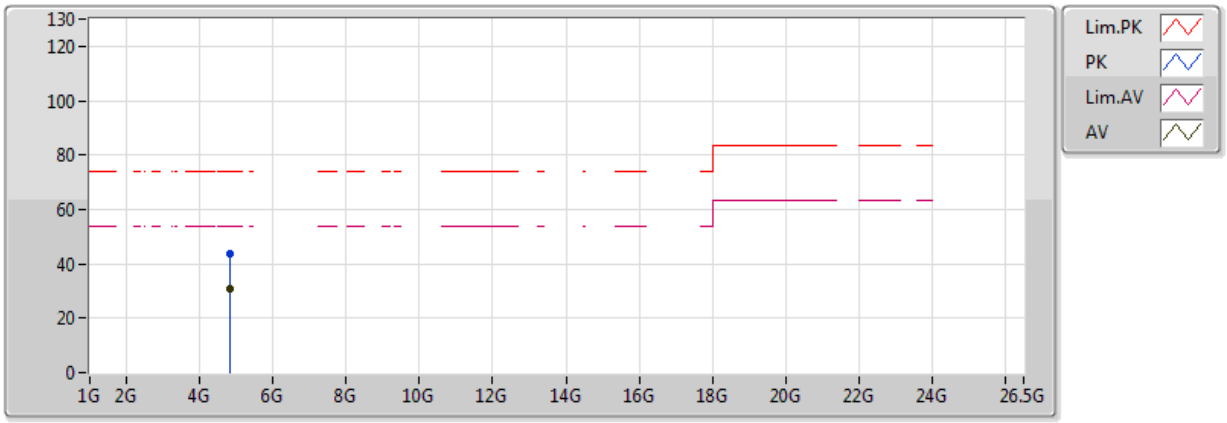


EUT = X, ANT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.844G	30.63	54.00	-23.37	2.09	3	V	308	2.01	-
PK	4.844G	43.36	74.00	-30.64	2.09	3	V	308	2.01	-

802.11n HT40_Nss1,(MCS0)_3TX

2422MHz_TX

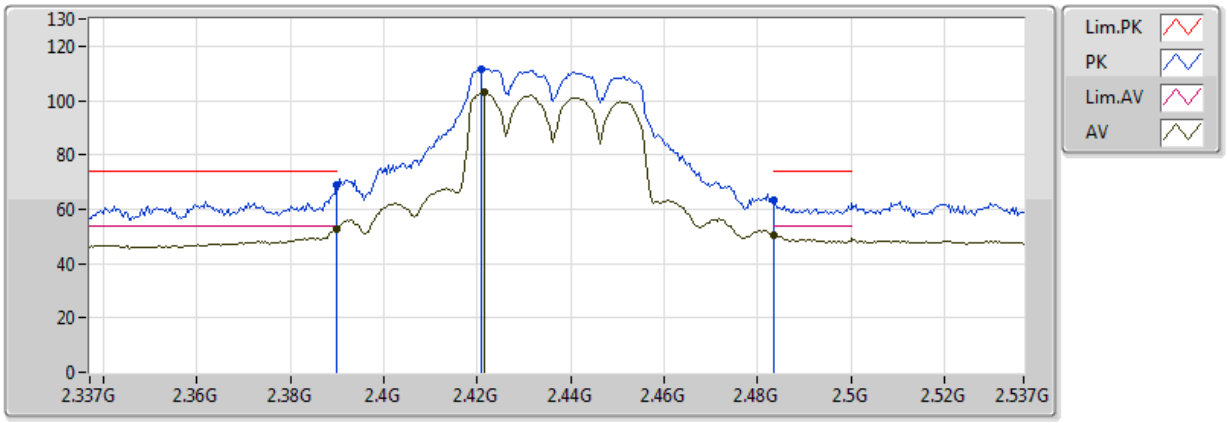


EUT = X, ANT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.844G	30.76	54.00	-23.24	2.09	3	H	164	2.02	-
PK	4.844G	43.52	74.00	-30.48	2.09	3	H	164	2.02	-

802.11n HT40_Nss1,(MCS0)_3TX

2437MHz_TX

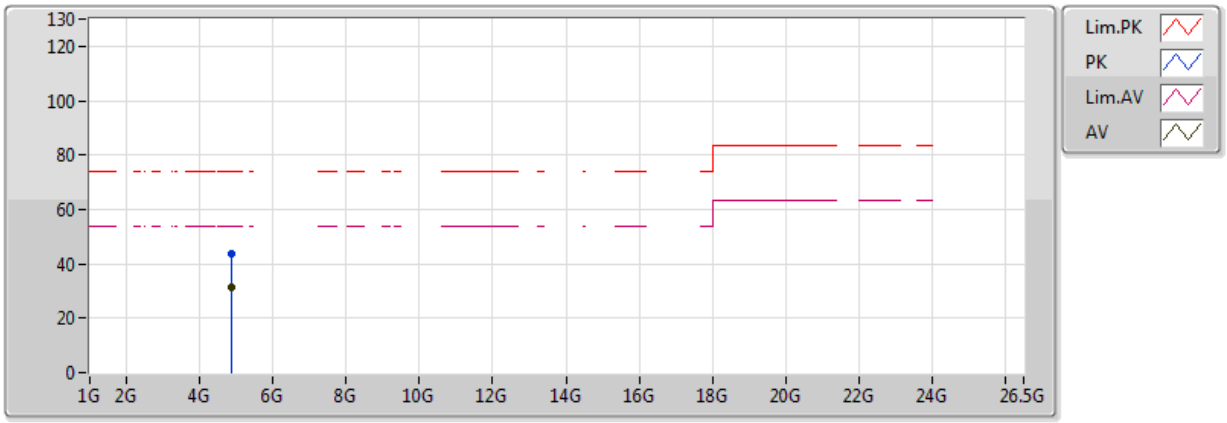


EUT = X, ANT = Z

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	52.83	54.00	-1.17	30.76	3	H	11	2.81	-
AV	2.4214G	103.04	Inf	-Inf	30.86	3	H	11	2.81	-
AV	2.483502G	50.50	54.00	-3.50	31.07	3	H	11	2.81	-
PK	2.389998G	68.99	74.00	-5.01	30.76	3	H	11	2.81	-
PK	2.421G	111.72	Inf	-Inf	30.86	3	H	11	2.81	-
PK	2.483502G	63.25	74.00	-10.75	31.07	3	H	11	2.81	-

802.11n HT40_Nss1,(MCS0)_3TX

2437MHz_TX

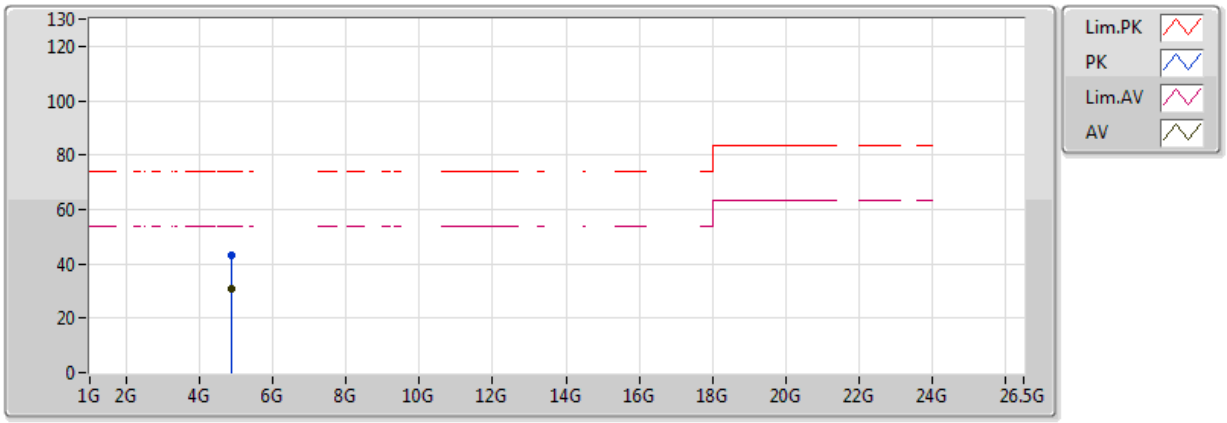


EUT = X, ANT = Z

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	31.12	54.00	-22.88	2.17	3	V	218	2.36	-
PK	4.874G	43.45	74.00	-30.55	2.17	3	V	218	2.36	-

802.11n HT40_Nss1,(MCS0)_3TX

2437MHz_TX

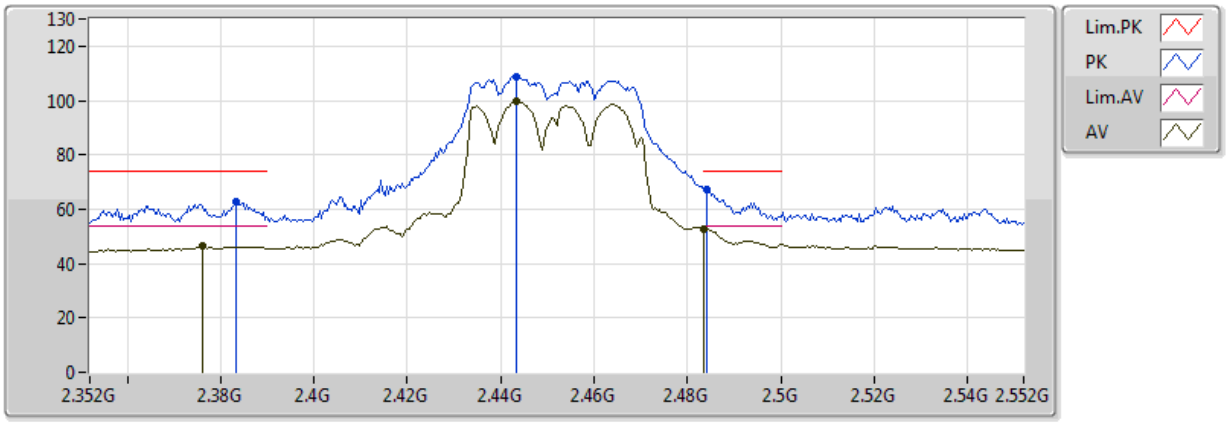


EUT = X, ANT = Z

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	30.92	54.00	-23.08	2.17	3	H	204	1.50	-
PK	4.874G	43.28	74.00	-30.72	2.17	3	H	204	1.50	-

802.11n HT40_Nss1,(MCS0)_3TX

2452MHz_TX

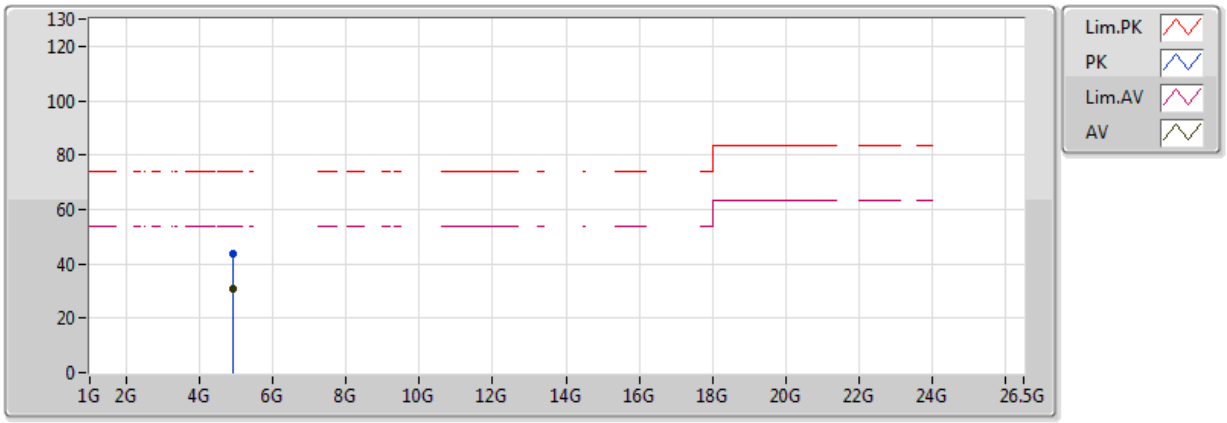


EUT = X, ANT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.376G	46.23	54.00	-7.77	30.71	3	H	187	1.49	-
AV	2.4432G	99.48	Inf	-Inf	30.94	3	H	187	1.49	-
AV	2.4836G	52.83	54.00	-1.17	31.07	3	H	187	1.49	-
PK	2.3832G	62.77	74.00	-11.23	30.73	3	H	187	1.49	-
PK	2.4432G	108.72	Inf	-Inf	30.94	3	H	187	1.49	-
PK	2.484G	67.07	74.00	-6.93	31.08	3	H	187	1.49	-

802.11n HT40_Nss1,(MCS0)_3TX

2452MHz_TX

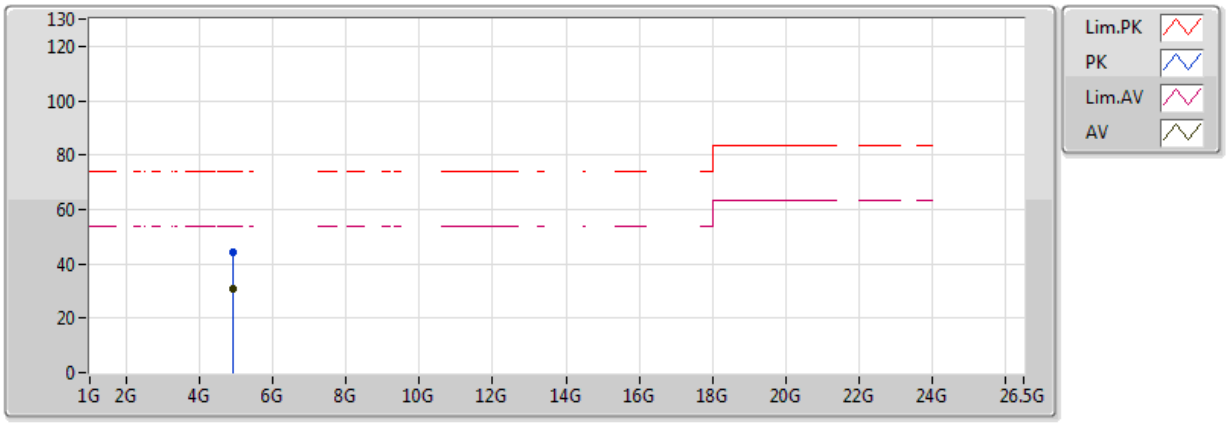


EUT = X, ANT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.904G	30.94	54.00	-23.06	2.25	3	V	310	1.58	-
PK	4.904G	43.86	74.00	-30.14	2.25	3	V	310	1.58	-

802.11n HT40_Nss1,(MCS0)_3TX

2452MHz_TX



EUT = X, ANT = Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.904G	31.06	54.00	-22.94	2.25	3	H	261	2.20	-
PK	4.904G	44.01	74.00	-29.99	2.25	3	H	261	2.20	-