FCC Test Report

Equipment	:	**Secured Wireless Access Point**
Brand Name	:	**Fortinet, Inc.**
Model No.	:	**FORTIAP-U321EVxxxxxx, FAP-U321EVxxxxxx; FORTIAP-U323EVxxxxxx, FAP-U323EVxxxxxx. (Refer to Section 1.1.5 for more details)**
FCC ID	:	**TVE-261DD011**
Standard	:	**47 CFR FCC Part 15.247**
Operating Band	:	**2400 MHz – 2483.5 MHz**
Function	:	**☒ Point-to-multipoint; ☐ Point-to-point**
Applicant	:	**Fortinet, Inc. 899 Kifer Road, Sunnyvale, CA 94086, USA**
Manufacturer	:	**Universal Global Scientific Industrial Co., Ltd 141, Lane 351, Sec. 1, Taiping Road., Tsaotuen, Nantou 54261, Taiwan**

The product sample received on May 15, 2017 and completely tested on Sep. 08, 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

Table of Contents

Summary of Test Result

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

Revision History

Report No.	Version	Description	Issued Date
FR751119AC	Rev. 01	Initial issue of report	Aug. 10, 2017
FR751119AC	Rev. 02	Revise typo	Sep. 11, 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

<FAP-U321EV>

eth1 module						
Ant.	**Port**	**Brand**	**Model Name**	**Antenna Type**	**Connector**	**Gain (dBi)**
A	1	-	-	PIFA Antenna	I-PEX	5.2
B	2	-	-	PIFA Antenna	I-PEX	5.2
C	3	-	-	PIFA Antenna	I-PEX	5.2

<FAP-U323EV>

eth1 module						
Ant.	**Port**	**Brand**	**Model Name**	**Antenna Type**	**Connector**	**Gain (dBi)**
A	1	-	-	Dipole Antenna	Reversed-SMA	3.5
B	2	-	-	Dipole Antenna	Reversed-SMA	3.5
C	3	-	-	Dipole Antenna	Reversed-SMA	3.5

1.1.3 EUT Information

Operational Condition					
EUT Power Type	From AC Adapter / 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	0.936	0.287	12.418m	100
802.11g	0.953	0.209	2.066m	1k
802.11n HT20	0.951	0.218	1.921m	1k
802.11n HT40	0.906	0.429	946.25u	3k

1.1.5 Table for Multiple Listing

The detail in the following table are all refer to the identical product.

Model	Difference	Description
FORTIAP-U321EVxxxxxx	Internal antenna	where"x" can be used as "A-Z", or "-0-9, or"-",or blank for software changes or marketing purposes only
FAP-U321EVxxxxxx		
FORTIAP-U323EVxxxxxx	External antenna	where"x" can be used as "A-Z", or "-0-9, or"-",or blank for software changes or marketing purposes only
FAP-U323EVxxxxxx		
Note 1: The sample is the same one, only the antenna configuration is different. Note 2: For more detailed features description, please refer to the specifications or user's manual.		

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
- ANSI C63.4-2014
- KDB 558074 D01 v04
- KDB 662911 D01 v02r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Teddy	22°C / 58%	23/Jun/2017
RF Conducted	TH01-HY	Gary	22.5°C / 64%	09/Jun/2017
Radiated < 1GHz <FAP-U321EV>	03CH09-HY	Eric	24.2°C / 56%	08/Sep/2017
Radiated < 1GHz <FAP-U323EV>	03CH09-HY	Eric	24.2°C / 56%	08/Sep/2017
Radiated > 1GHz <FAP-U321EV>	03CH09-HY	Jeff	24.2°C / 56%	01/Jun/2017
Radiated > 1GHz <FAP-U323EV>	03CH09-HY	Jeff	23.5°C / 65%	17/Jun/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	accessMTool_REL_3_0_0_3

Mode	Power Setting
802.11b_(1Mbps)_3TX	-
2412MHz	78
2437MHz	96
2462MHz	82
802.11g_(6Mbps)_3TX	-
2412MHz	67
2437MHz	90
2462MHz	67
802.11n HT20_Nss1,(MCS0)_3TX	-
2412MHz	63
2437MHz	88
2462MHz	65
802.11n HT40_Nss1,(MCS0)_3TX	-
2422MHz	56
2437MHz	66
2452MHz	65

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	FAP-U321EV + WiFi 2.4G+5G+BT , USB R/W + LAN 1Gbps (LAN1 & LAN2) + ADAPTER
2	FAP-U321EV + WiFi 2.4G+5G+BT , USB R/W + LAN 1Gbps (LAN2) + PoE Adapter(LAN1)
3	FAP-U321EV + WiFi 2.4G+5G+BT , USB R/W + LAN 1Gbps (LAN1) + PoE Adapter(LAN2)
4	FAP-U323EV+ WiFi 2.4G+5G+BT , USB R/W + LAN 1Gbps (LAN1 & LAN2) + ADAPTER
Mode 4 configuration was tested and found to be the worst case and measured during the test.	

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	CTX	
1	Adapter mode <FAP-U321EV>	
2	Adapter mode <FAP-U323EV>	
Orthogonal Planes of EUT	**Y Plane**	**Z Plane**
		
Worst Planes of EUT <FAP-U321EV>	V	
Worst Planes of EUT <FAP-U323EV>		V

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	Adapter mode <FAP-U321EV>
2	Adapter mode <FAP-U323EV>
Refer to Sporton Test Report No.: FA751119 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.4 Support Equipment

Support Equipment – AC Conduction				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Adapter	NETGEAR	2ABL030F	DoC
B	USB 3.0 Flash Disk	Kingston	DTSE9G2/16GBFR	DoC
Z	Notebook	DELL	VOSTRO 3350	DoC
Z	Notebook	DELL	E5430	DoC
Z	Notebook1(5G)	DELL	P55G	DoC
Z	Notebook2(2.4G)	DELL	VOSTRO 3350	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
3	AC Source	GW	APS-9102	-

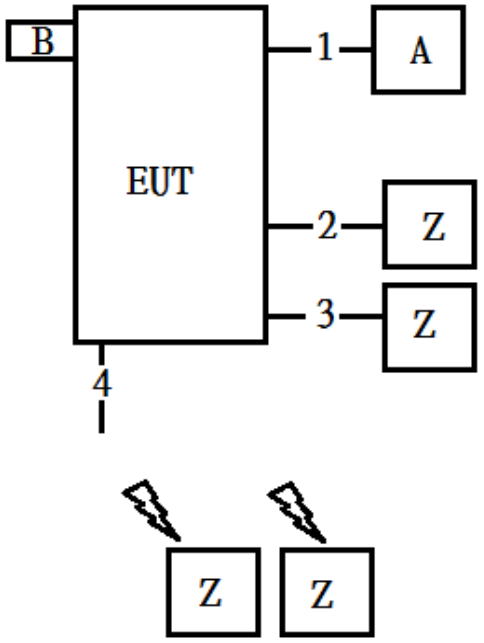
Support Equipment – Radiated Emission < 1GHz				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
-	-	-	-	-

Support Equipment – Radiated Emission > 1GHz				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	AC Adapter for EUT	APD	WA-30J12R	-

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

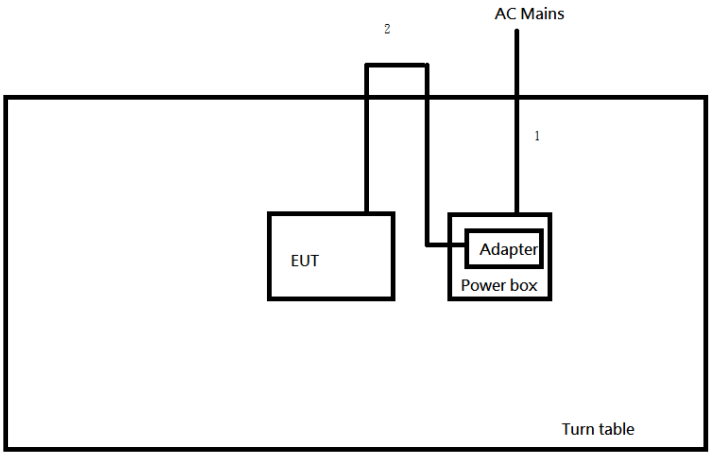
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	DC power cable	No	1.8m
2	RJ45 Cable	No	10m
3	RJ45 Cable	No	10m
4	console(Floating)	No	1.8m

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length
1	AC Power Line	No	1.8m
2	DC Power Line	No	1.5m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

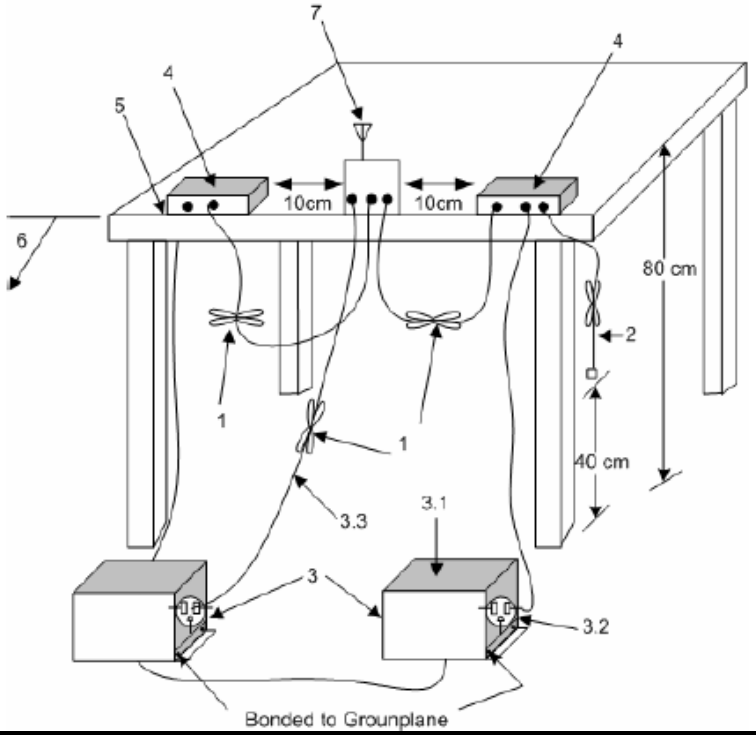
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

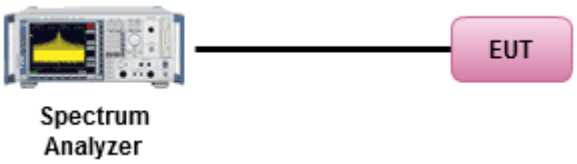
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


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

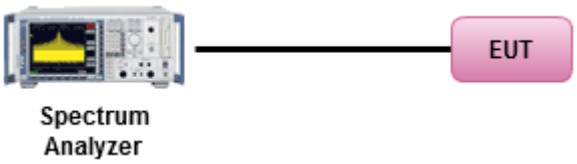
3.4.2 Measuring Instruments

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.	

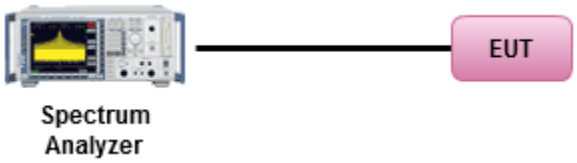
3.5.2 Measuring Instruments

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.

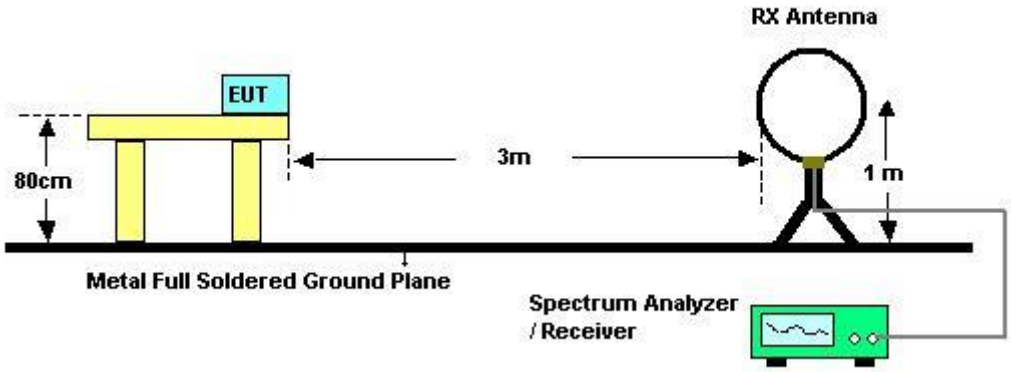
3.6.3 Test Procedures

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.

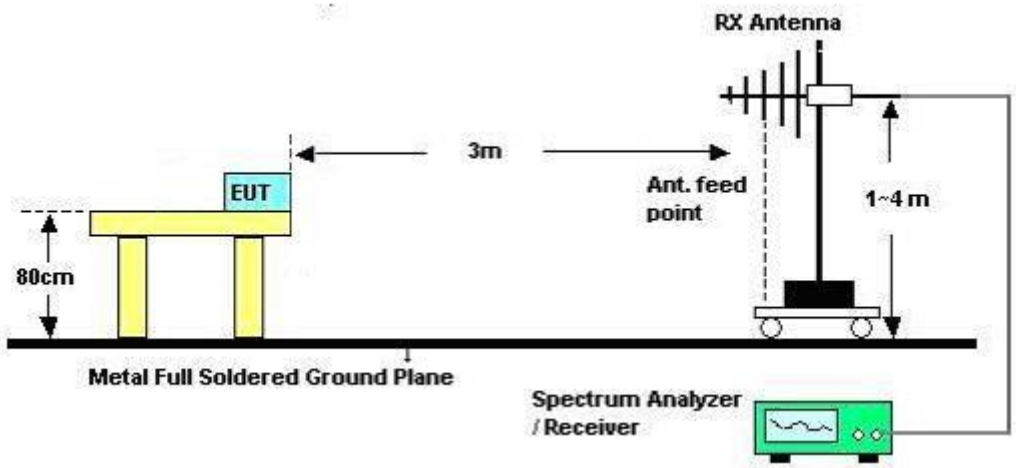
3.6.4 Test Setup

Emissions in Restricted Frequency Bands

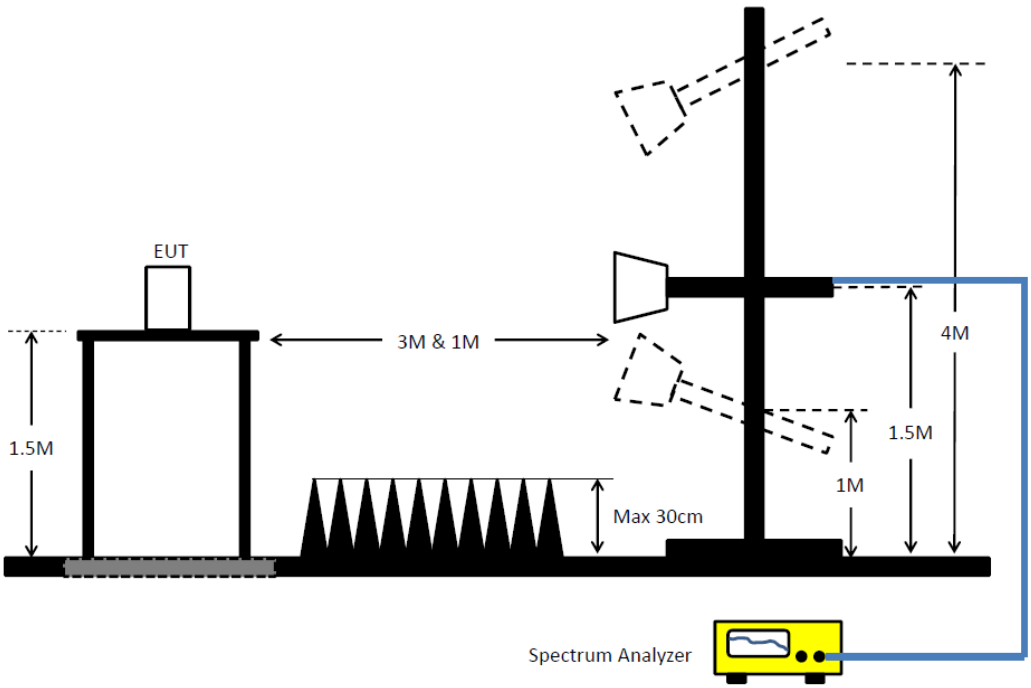
9kHz ~30MHz



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	R&S	ENV216	101295	9kHz ~ 30MHz	15/Nov/2016	14/Nov/2017
RF Cable-CON	HUBER+SUHNER	RG213/U	07611832020001	9kHz ~ 30MHz	24/Oct/2016	23/Oct/2017
Impedance Stabilization Network	TESEQ	ISN T800	30330	9kHz ~ 30MHz	13/Apr/2017	12/Apr/2018
Impuls Begrenzer 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	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

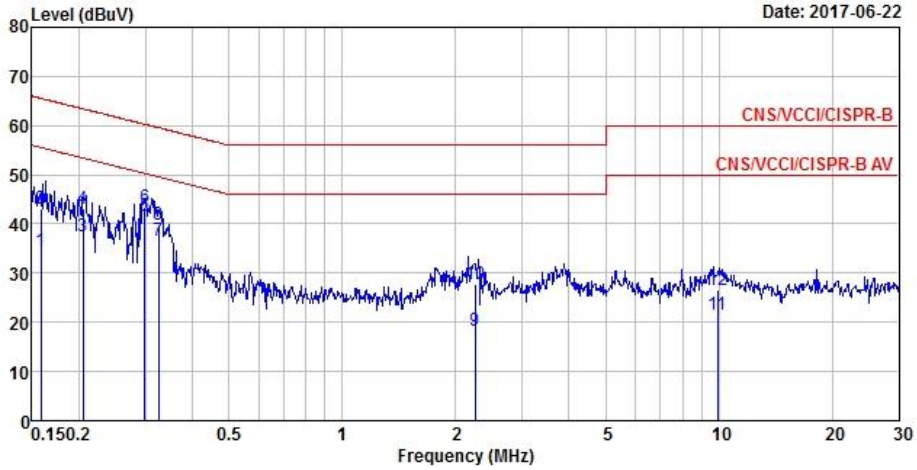
Instrument for Radiated Test < 1GHz

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

Instrument for Radiated Test > 1GHz

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz ~ 18GHz	18/Jun/2017	17/Jun/2018
Amplifier	Agilent	8449B	3008A02096	1GHz ~ 26.5GHz	25/Apr/2017	24/Apr/2018
Spectrum Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz ~ 44GHz	04/Jul/2016	03/Jul/2017
Horn Antenna	SCHWARZBECK	BBHA 9120D	BBHA9120D 1534	1GHz~18GHz	28/Apr/2017	27/Apr/2018
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170614	18GHz ~ 40GHz	06/Feb/2017	05/Feb/2018
RF Cable-high	Jye Bao	RG142	03CH09-HY	1GHz ~ 40GHz	23/Jul/2016	22/Jul/2017

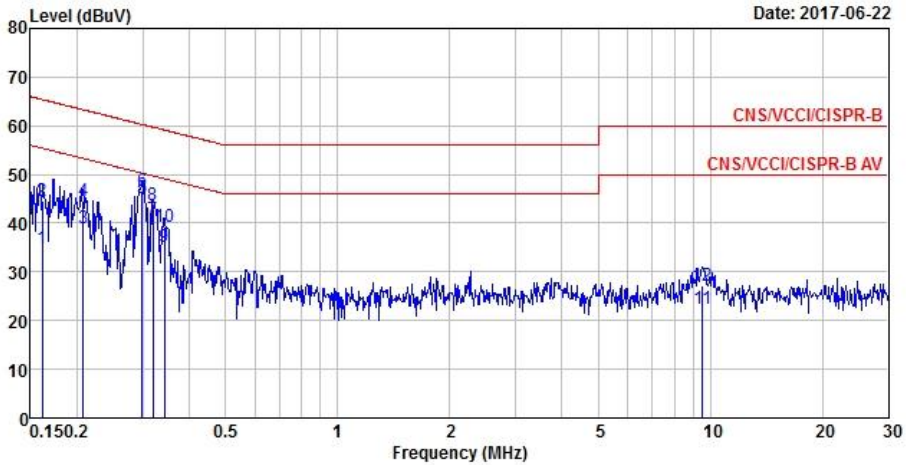
AC Power-line Conducted Emissions Result			
Operating Mode	4	**Power Phase**	Neutral
Operating Function	FAP-U323EV+ WiFi 2.4G+5G+BT , USB R/W + LAN 1Gbps (LAN1 & LAN2) + ADAPTER		



		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1		0.16	34.61	-20.95	55.56	24.77	9.61	0.23	Average
2		0.16	43.23	-22.33	65.56	33.39	9.61	0.23	QP
3		0.21	37.60	-15.80	53.40	27.64	9.67	0.29	Average
4		0.21	43.14	-20.26	63.40	33.18	9.67	0.29	QP
5	MAX	0.30	41.70	-8.58	50.28	31.87	9.65	0.18	Average
6		0.30	43.46	-16.82	60.28	33.63	9.65	0.18	QP
7		0.33	36.67	-12.90	49.57	26.87	9.64	0.16	Average
8		0.33	39.77	-19.80	59.57	29.97	9.64	0.16	QP
9		2.25	18.44	-27.56	46.00	8.51	9.66	0.27	Average
10		2.25	27.61	-28.39	56.00	17.68	9.66	0.27	QP
11		9.91	21.46	-28.54	50.00	11.52	9.74	0.20	Average
12		9.91	26.43	-33.57	60.00	16.49	9.74	0.20	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	4	**Power Phase**	Line
Operating Function	FAP-U323EV+ WiFi 2.4G+5G+BT , USB R/W + LAN 1Gbps (LAN1 & LAN2) + ADAPTER		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.16	34.98	-20.40	55.38	25.08	9.66	0.24	Average
2	0.16	44.69	-20.69	65.38	34.79	9.66	0.24	QP
3	0.21	38.85	-14.47	53.32	28.91	9.65	0.29	Average
4	0.21	44.62	-18.70	63.32	34.68	9.65	0.29	QP
5 MAX	0.30	45.06	-5.22	50.28	35.21	9.67	0.18	Average
6	0.30	46.63	-13.65	60.28	36.78	9.67	0.18	QP
7	0.32	40.73	-8.98	49.71	30.89	9.67	0.17	Average
8	0.32	43.84	-15.87	59.71	34.00	9.67	0.17	QP
9	0.34	35.22	-13.91	49.13	25.41	9.67	0.14	Average
10	0.34	39.36	-19.77	59.13	29.55	9.67	0.14	QP
11	9.55	22.31	-27.69	50.00	12.38	9.74	0.19	Average
12	9.55	27.29	-32.71	60.00	17.36	9.74	0.19	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	9.025M	12.144M	12M1G1D	8M	10.62M
802.11g_(6Mbps)_3TX	-	-	-	-	-
2.4-2.4835GHz	16.35M	16.917M	16M9D1D	16.3M	16.517M
802.11n HT20_Nss1,(MCS0)_3TX	-	-	-	-	-
2.4-2.4835GHz	17.575M	17.941M	17M9D1D	17.55M	17.716M
802.11n HT40_Nss1,(MCS0)_3TX	-	-	-	-	-
2.4-2.4835GHz	36.35M	36.332M	36M3D1D	35.95M	36.132M

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

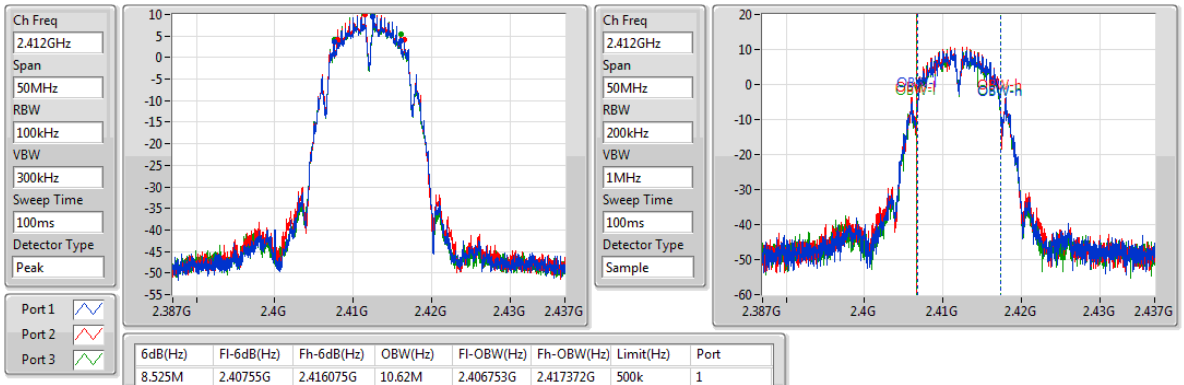
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)
802.11b_(1Mbps)_3TX	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	8.525M	10.62M	8.55M	10.62M	8.5M	10.67M
2437MHz	Pass	500k	9M	12.144M	9.025M	12.144M	8.525M	12.144M
2462MHz	Pass	500k	8.525M	10.845M	8M	10.695M	8.025M	10.695M
802.11g_(6Mbps)_3TX	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.35M	16.592M	16.325M	16.567M	16.325M	16.517M
2437MHz	Pass	500k	16.325M	16.742M	16.325M	16.817M	16.325M	16.917M
2462MHz	Pass	500k	16.35M	16.592M	16.35M	16.542M	16.3M	16.567M
802.11n HT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	17.575M	17.791M	17.575M	17.791M	17.575M	17.741M
2437MHz	Pass	500k	17.575M	17.941M	17.55M	17.916M	17.55M	17.941M
2462MHz	Pass	500k	17.55M	17.791M	17.575M	17.766M	17.575M	17.716M
802.11n HT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	36.3M	36.132M	36.25M	36.282M	36.3M	36.232M
2437MHz	Pass	500k	36.3M	36.232M	36.3M	36.282M	36.35M	36.332M
2452MHz	Pass	500k	35.95M	36.182M	35.95M	36.182M	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

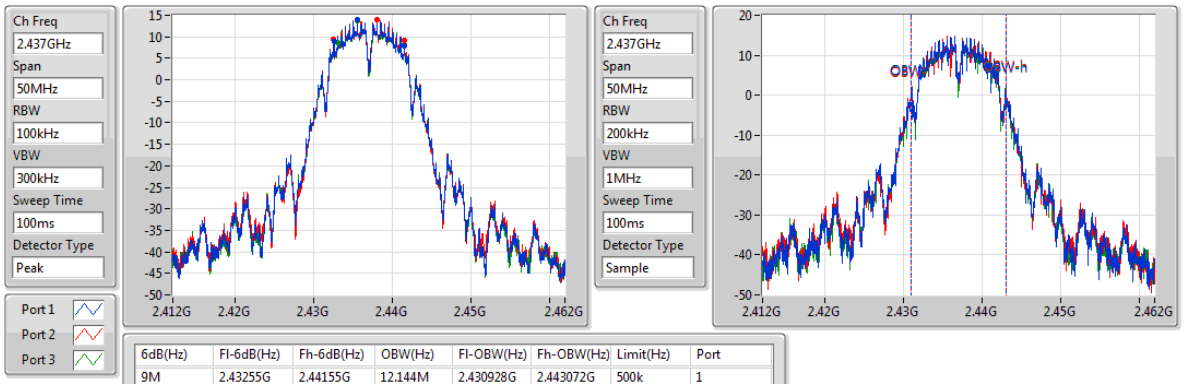
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.525M	2.40755G	2.416075G	10.62M	2.406753G	2.417372G	500k	1
8.55M	2.407975G	2.416525G	10.62M	2.406703G	2.417322G	500k	2
8.5M	2.40755G	2.41605G	10.67M	2.406678G	2.417347G	500k	3

802.11b_(1Mbps)_3TX EBW

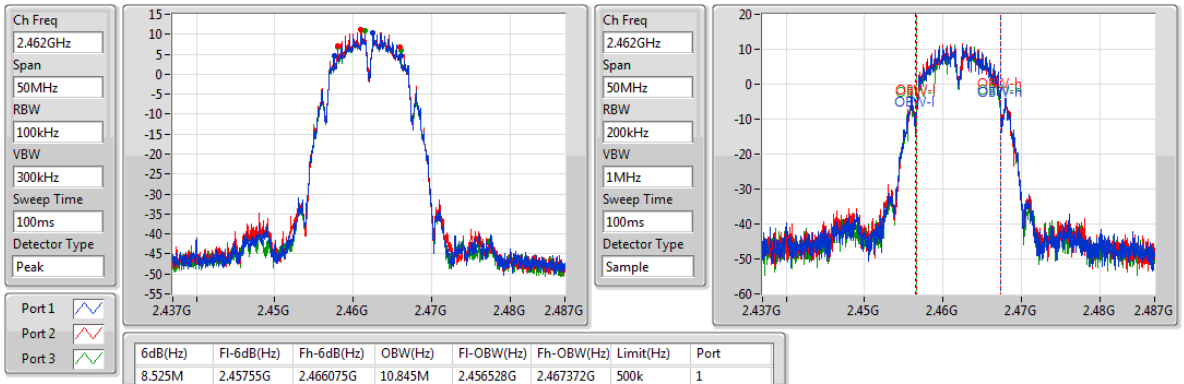
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9M	2.43255G	2.44155G	12.144M	2.430928G	2.443072G	500k	1
9.025M	2.432525G	2.44155G	12.144M	2.430928G	2.443072G	500k	2
8.525M	2.433G	2.441525G	12.144M	2.430928G	2.443072G	500k	3

802.11b_(1Mbps)_3TX EBW

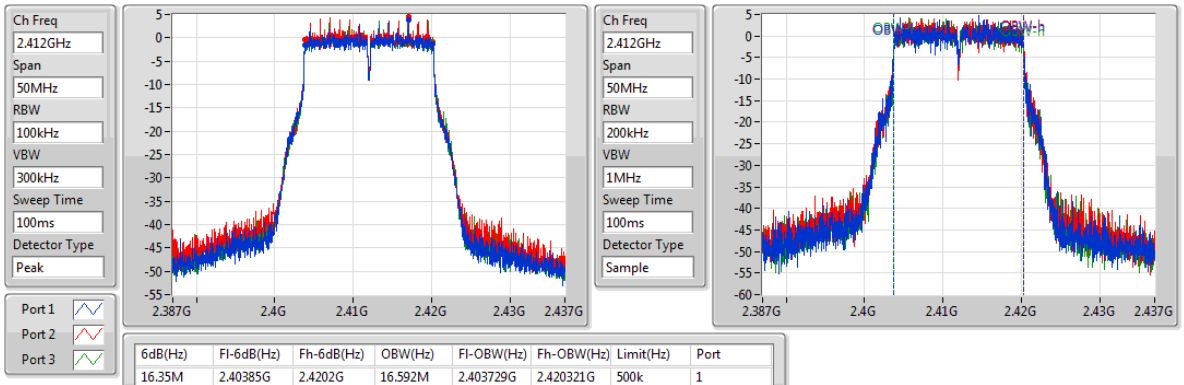
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.525M	2.45755G	2.466075G	10.845M	2.456528G	2.467372G	500k	1
8M	2.458025G	2.466025G	10.695M	2.456628G	2.467322G	500k	2
8.025M	2.458025G	2.46605G	10.695M	2.456653G	2.467347G	500k	3

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

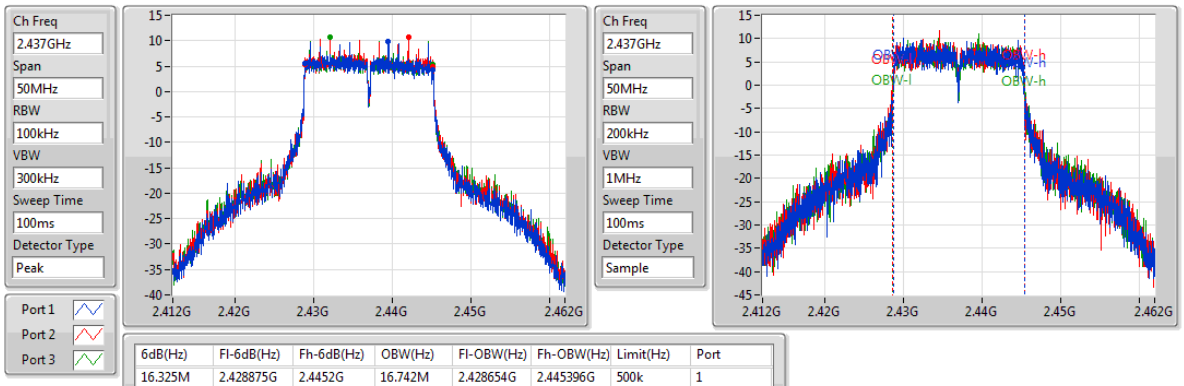
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	2.40385G	2.4202G	16.592M	2.403729G	2.420321G	500k	1
16.325M	2.403875G	2.4202G	16.567M	2.403729G	2.420296G	500k	2
16.325M	2.40385G	2.420175G	16.517M	2.403754G	2.420271G	500k	3

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

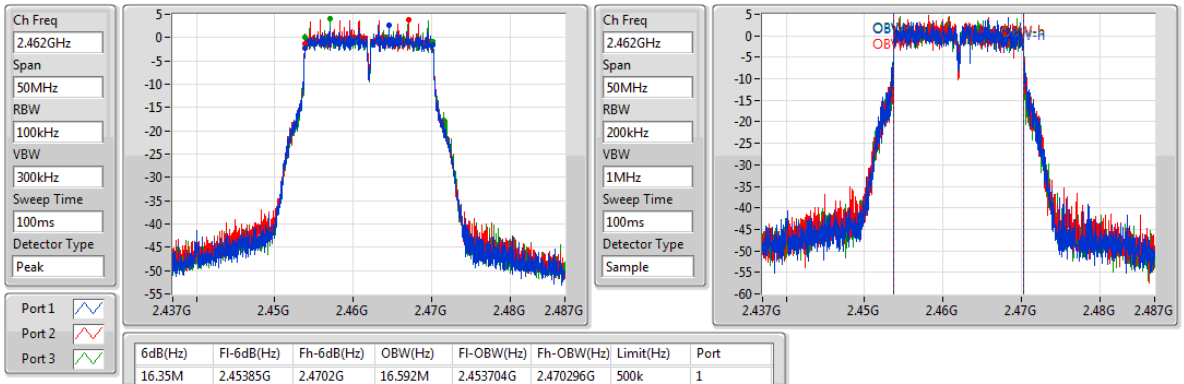
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.428875G	2.4452G	16.742M	2.428654G	2.445396G	500k	1
16.325M	2.428875G	2.4452G	16.817M	2.428579G	2.445396G	500k	2
16.325M	2.428875G	2.4452G	16.917M	2.428554G	2.445471G	500k	3

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

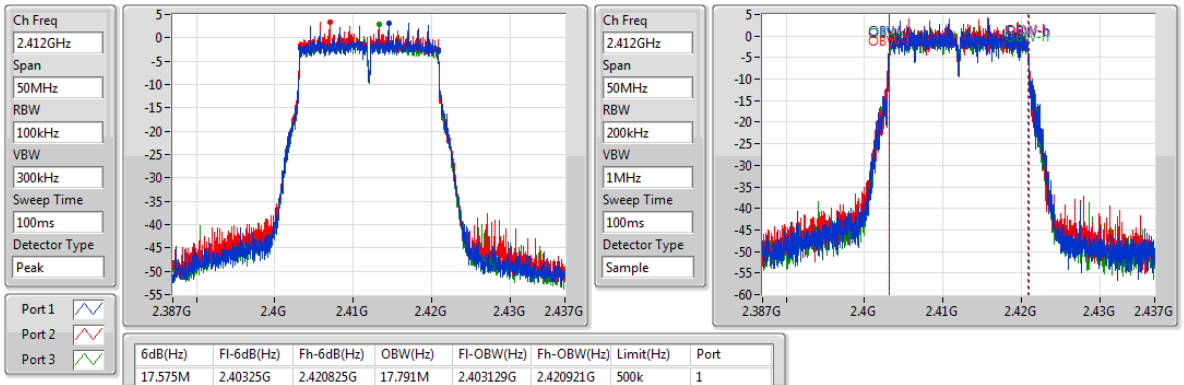
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	2.45385G	2.4702G	16.592M	2.453704G	2.470296G	500k	1
16.35M	2.45385G	2.4702G	16.542M	2.453729G	2.470271G	500k	2
16.3M	2.453875G	2.470175G	16.567M	2.453729G	2.470296G	500k	3

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

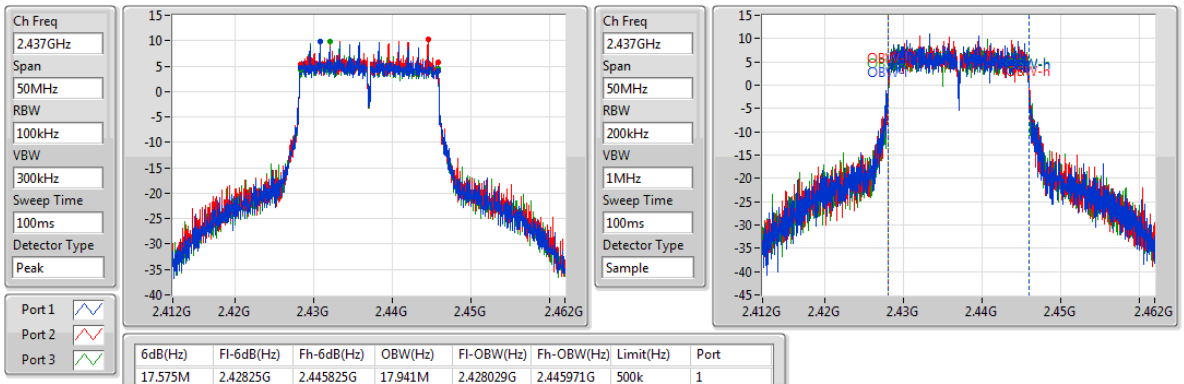
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.40325G	2.420825G	17.791M	2.403129G	2.420921G	500k	1
17.575M	2.40325G	2.420825G	17.791M	2.403104G	2.420896G	500k	2
17.575M	2.40325G	2.420825G	17.741M	2.403129G	2.420871G	500k	3

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

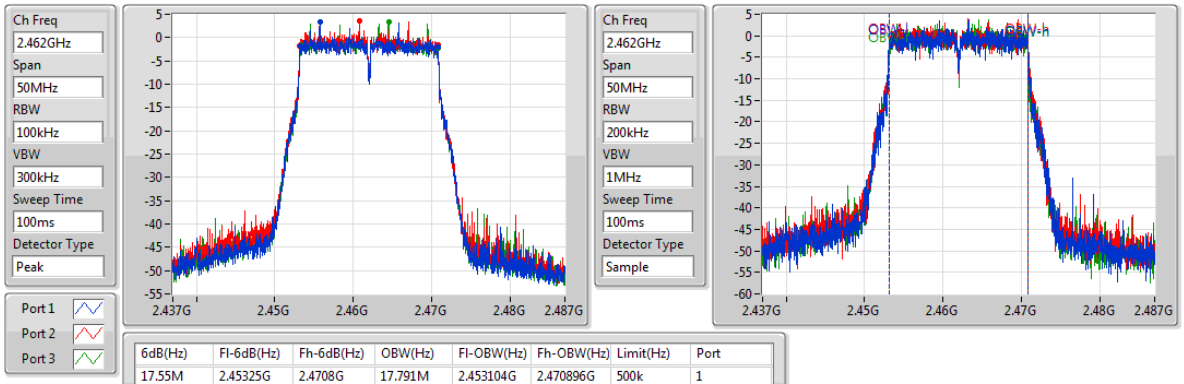
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.42825G	2.445825G	17.941M	2.428029G	2.445971G	500k	1
17.55M	2.42825G	2.4458G	17.916M	2.428054G	2.445971G	500k	2
17.55M	2.42825G	2.4458G	17.941M	2.428054G	2.445996G	500k	3

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

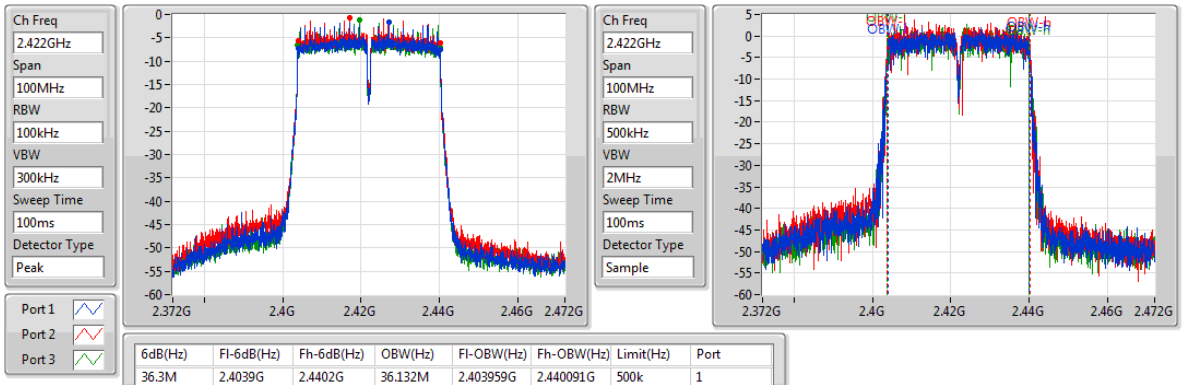
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	2.45325G	2.4708G	17.791M	2.453104G	2.470896G	500k	1
17.575M	2.453225G	2.4708G	17.766M	2.453104G	2.470871G	500k	2
17.575M	2.45325G	2.470825G	17.716M	2.453154G	2.470871G	500k	3

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

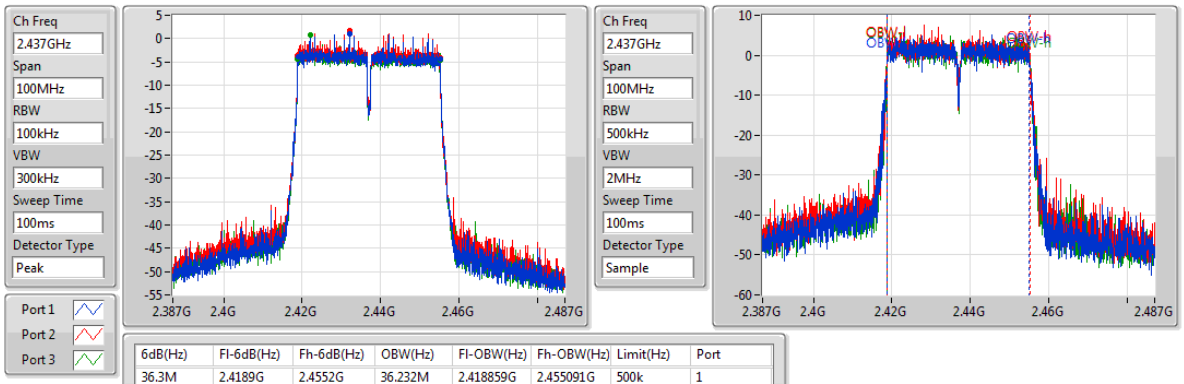
2422MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	2.4039G	2.4402G	36.132M	2.403959G	2.440091G	500k	1
36.25M	2.4039G	2.44015G	36.282M	2.403859G	2.440141G	500k	2
36.3M	2.40385G	2.44015G	36.232M	2.403859G	2.440091G	500k	3

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

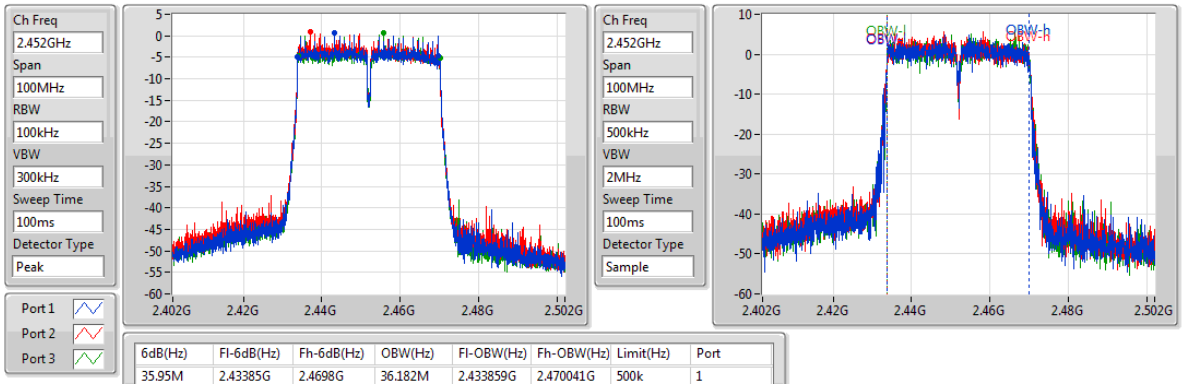
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	2.4189G	2.4552G	36.232M	2.418859G	2.455091G	500k	1
36.3M	2.41885G	2.45515G	36.282M	2.418859G	2.455141G	500k	2
36.35M	2.41885G	2.4552G	36.332M	2.418859G	2.455191G	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
35.95M	2.43385G	2.4698G	36.182M	2.433859G	2.470041G	500k	1
35.95M	2.43385G	2.4698G	36.182M	2.433859G	2.470041G	500k	2
36.3M	2.4339G	2.4702G	36.232M	2.433859G	2.470091G	500k	3

Summary

Mode	Total Power (dBm)	Total Power (W)
802.11b_(1Mbps)_3TX	-	-
2.4-2.4835GHz	26.91	0.49091
802.11g_(6Mbps)_3TX	-	-
2.4-2.4835GHz	25.46	0.35156
802.11n HT20_Nss1,(MCS0)_3TX	-	-
2.4-2.4835GHz	24.97	0.31405
802.11n HT40_Nss1,(MCS0)_3TX	-	-
2.4-2.4835GHz	19.61	0.09141

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	5.20	18.06	18.40	17.87	22.89	30.00
2437MHz	Pass	5.20	22.12	22.23	22.07	26.91	30.00
2462MHz	Pass	5.20	18.73	19.18	18.85	23.70	30.00
802.11g_(6Mbps)_3TX	-	-	-	-	-	-	-
2412MHz	Pass	5.20	15.09	15.47	15.13	20.00	30.00
2437MHz	Pass	5.20	20.65	20.80	20.60	25.46	30.00
2462MHz	Pass	5.20	14.69	15.35	14.87	19.75	30.00
802.11n HT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
2412MHz	Pass	5.20	14.11	14.44	14.16	19.01	30.00
2437MHz	Pass	5.20	20.10	20.36	20.13	24.97	30.00
2462MHz	Pass	5.20	14.18	14.73	14.34	19.19	30.00
802.11n HT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
2422MHz	Pass	5.20	11.99	12.91	12.00	17.10	30.00
2437MHz	Pass	5.20	14.68	15.20	14.63	19.61	30.00
2452MHz	Pass	5.20	14.29	14.70	14.20	19.17	30.00

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

Summary

Mode	PD (dBm/RBW)
802.11b_(1Mbps)_3TX	-
2.4-2.4835GHz	2.55
802.11g_(6Mbps)_3TX	-
2.4-2.4835GHz	0.49
802.11n HT20_Nss1,(MCS0)_3TX	-
2.4-2.4835GHz	-2.15
802.11n HT40_Nss1,(MCS0)_3TX	-
2.4-2.4835GHz	-9.67

RBW=3kHz.

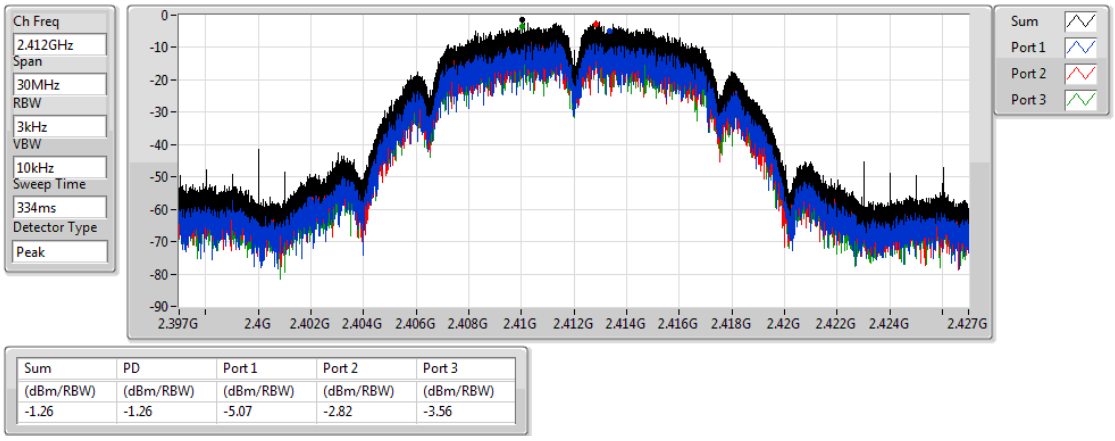
Result

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	9.97	-5.07	-2.82	-3.56	-1.26	4.03
2437MHz	Pass	9.97	-0.48	-0.14	-0.66	2.55	4.03
2462MHz	Pass	9.97	-3.96	-3.06	-2.31	-0.91	4.03
802.11g_(6Mbps)_3TX	-	-	-	-	-	-	-
2412MHz	Pass	9.97	-10.19	-10.31	-9.21	-6.27	4.03
2437MHz	Pass	9.97	-2.77	-3.90	-4.65	0.49	4.03
2462MHz	Pass	9.97	-10.76	-10.04	-9.38	-6.68	4.03
802.11n HT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
2412MHz	Pass	9.97	-9.53	-10.96	-11.45	-8.65	4.03
2437MHz	Pass	9.97	-4.74	-4.99	-4.57	-2.15	4.03
2462MHz	Pass	9.97	-11.51	-10.70	-10.67	-9.29	4.03
802.11n HT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
2422MHz	Pass	9.97	-16.00	-15.25	-15.83	-12.88	4.03
2437MHz	Pass	9.97	-13.72	-11.87	-13.67	-9.67	4.03
2452MHz	Pass	9.97	-13.67	-13.27	-14.22	-11.09	4.03

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

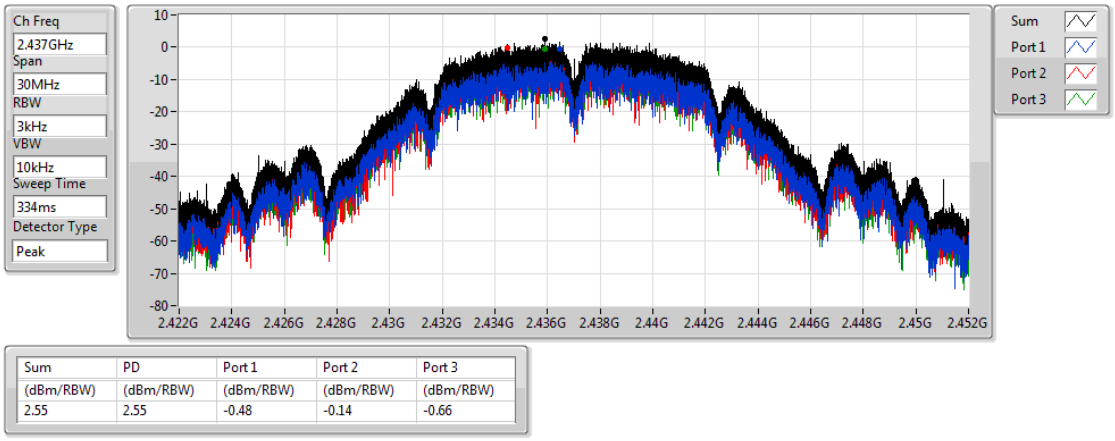
2412MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.26	-1.26	-5.07	-2.82	-3.56

802.11b_(1Mbps)_3TX PSD

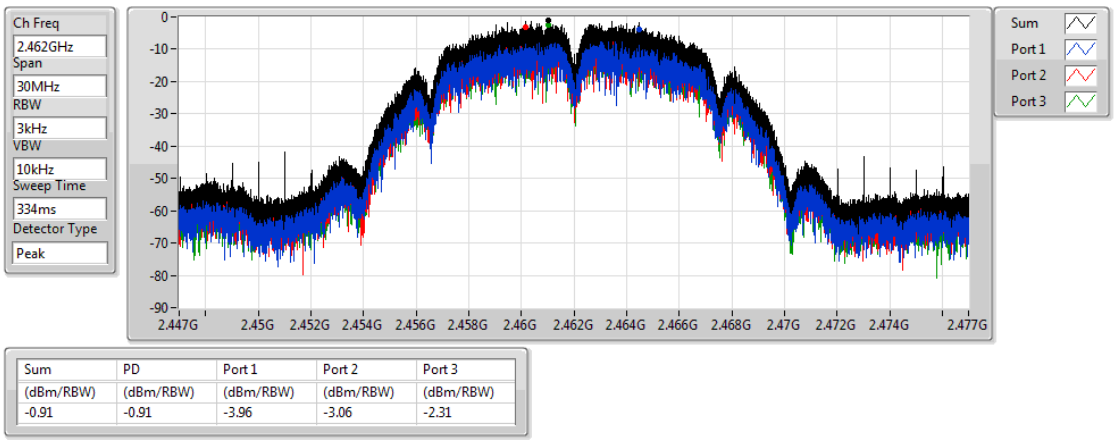
2437MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.55	2.55	-0.48	-0.14	-0.66

802.11b_(1Mbps)_3TX PSD

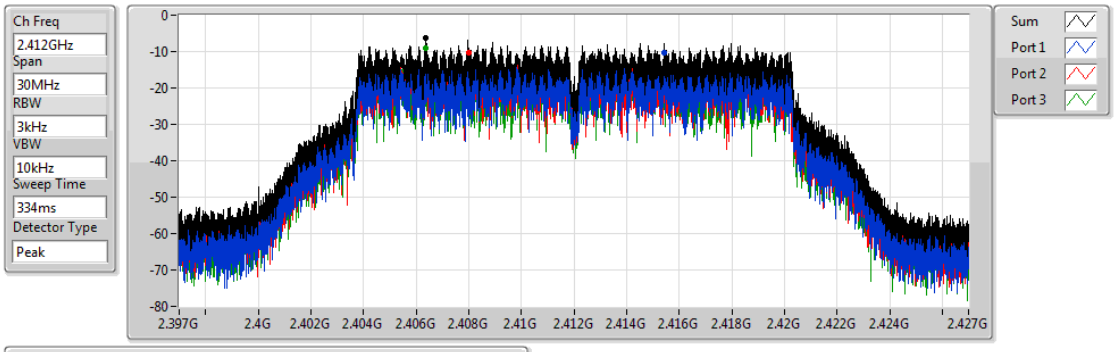
2462MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.91	-0.91	-3.96	-3.06	-2.31

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

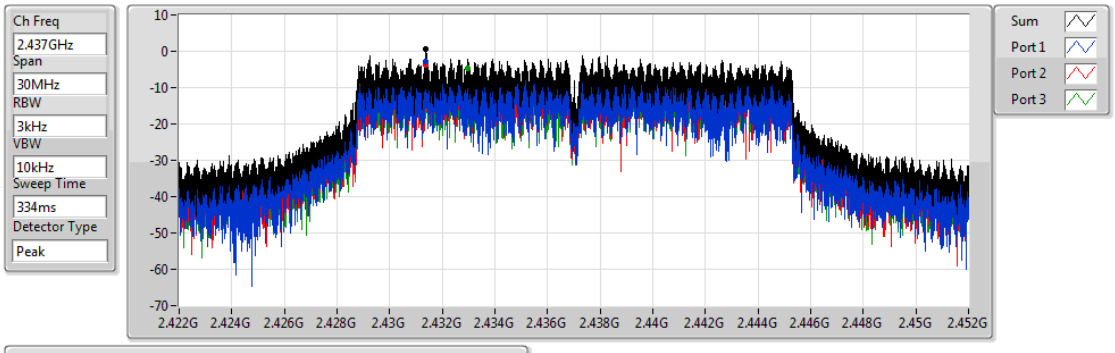
2412MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.27	-6.27	-10.19	-10.31	-9.21

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

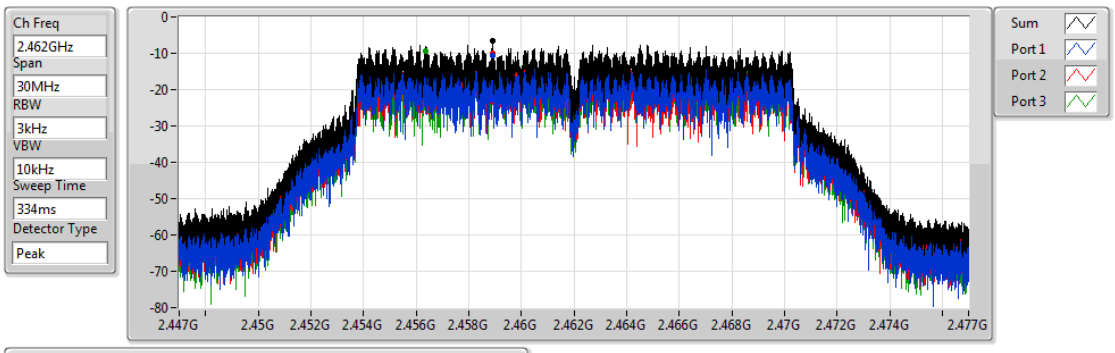
2437MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.49	0.49	-2.77	-3.90	-4.65

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

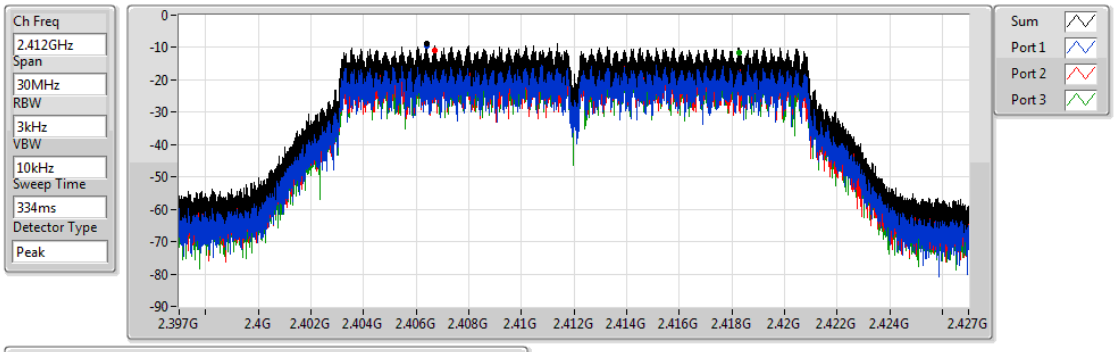
2462MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.68	-6.68	-10.76	-10.04	-9.38

802.11n HT20_Nss1,(MCS0)_3TX PSD

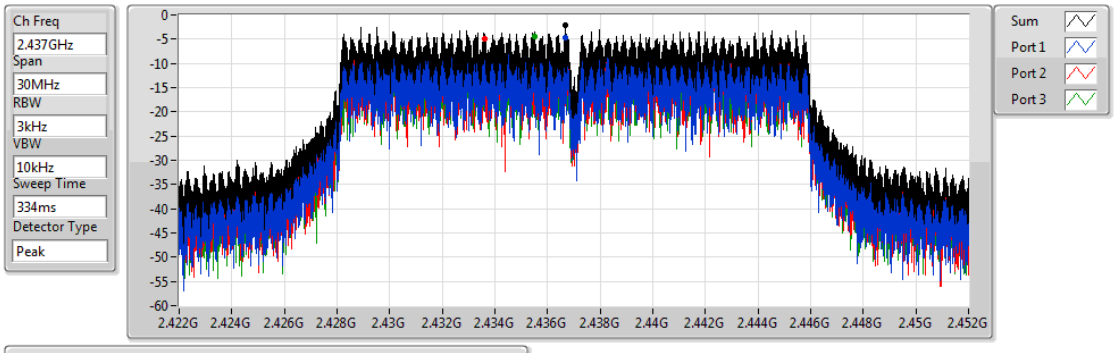
2412MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.65	-8.65	-9.53	-10.96	-11.45

802.11n HT20_Nss1,(MCS0)_3TX PSD

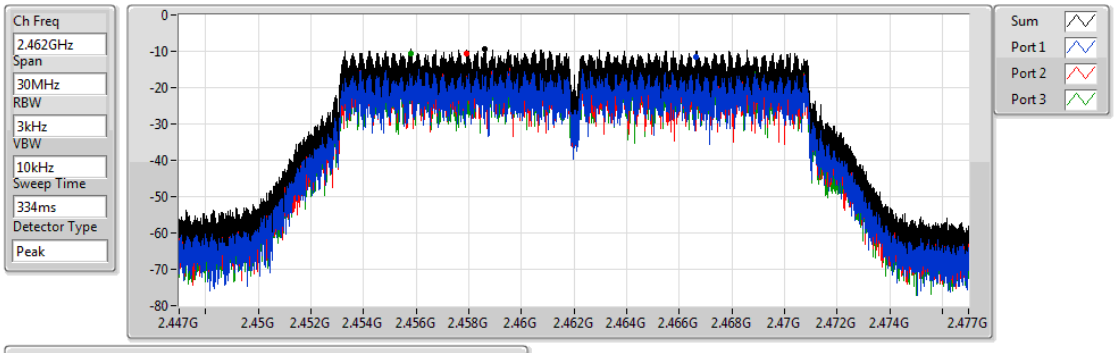
2437MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.15	-2.15	-4.74	-4.99	-4.57

802.11n HT20_Nss1,(MCS0)_3TX PSD

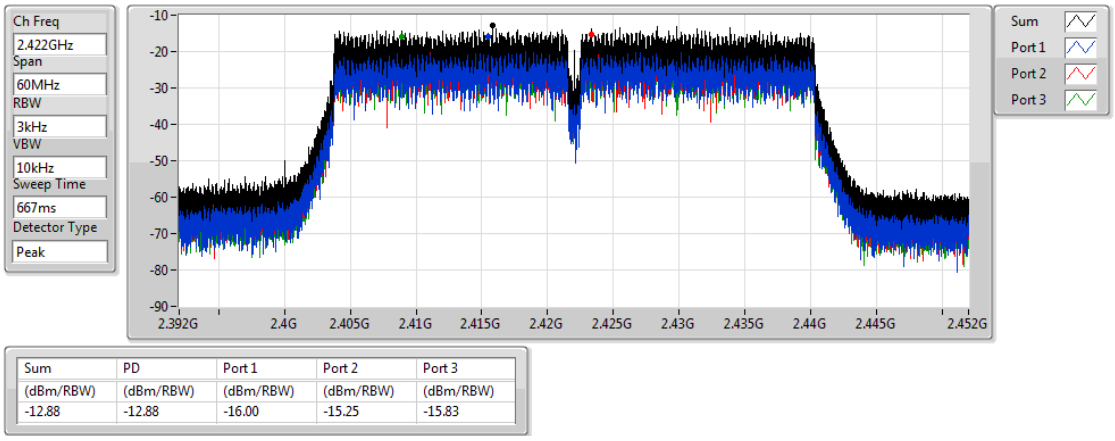
2462MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.29	-9.29	-11.51	-10.70	-10.67

802.11n HT40_Nss1,(MCS0)_3TX PSD

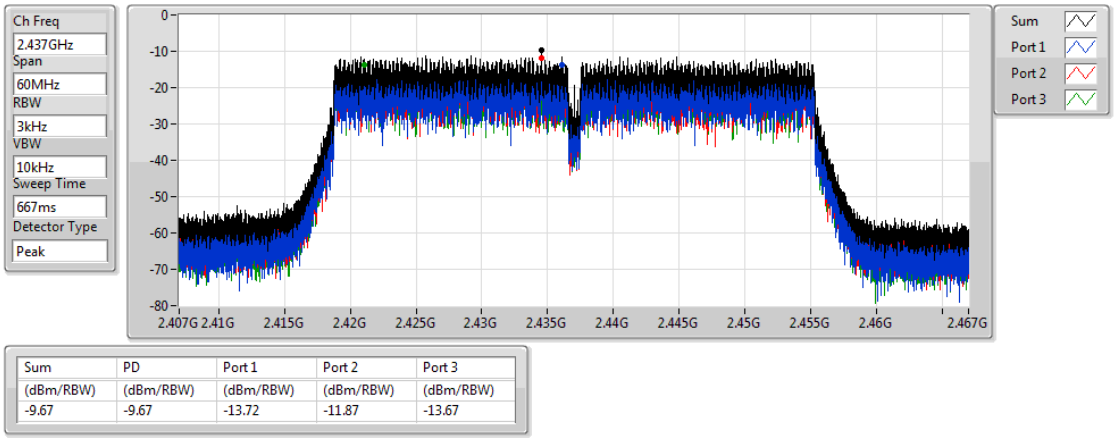
2422MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.88	-12.88	-16.00	-15.25	-15.83

802.11n HT40_Nss1,(MCS0)_3TX PSD

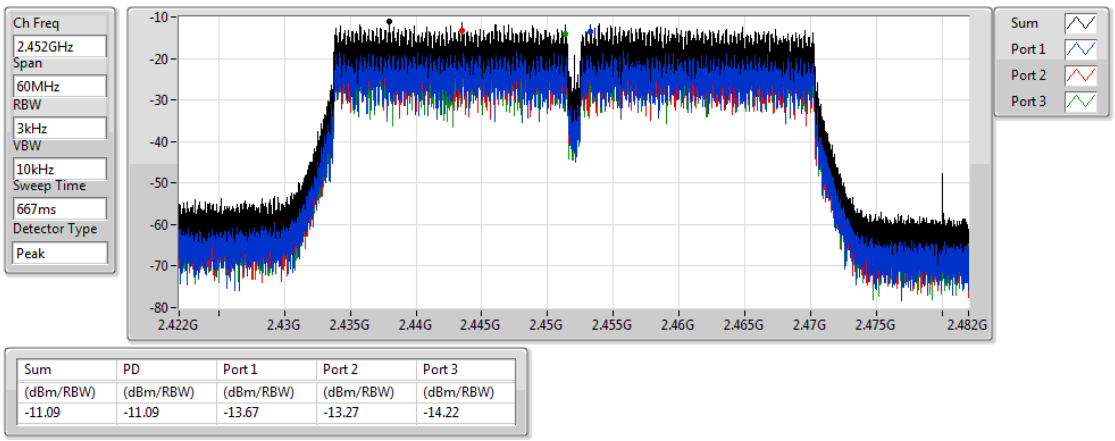
2437MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.67	-9.67	-13.72	-11.87	-13.67

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)
-11.09	-11.09	-13.67	-13.27	-14.22

Summary

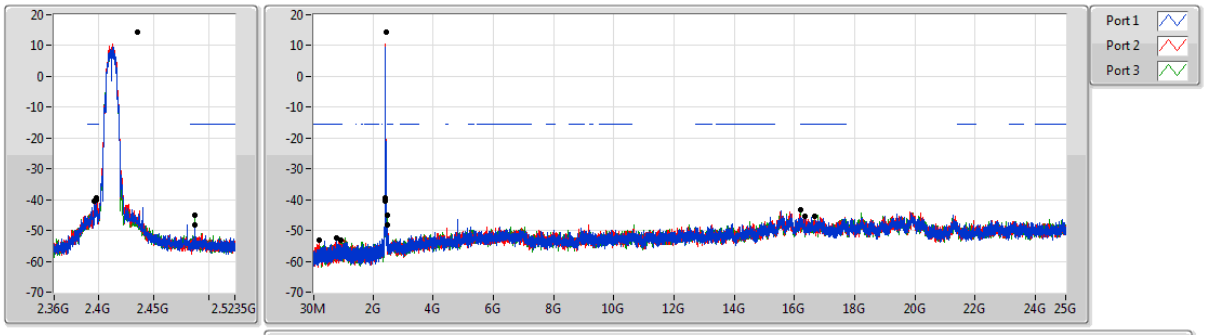
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11n HT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	2.432064G	1.73	-28.27	917.375M	-53.43	2.39712G	-40.16	2.48814G	-50.65	17.503404G	-45.61	2

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_(1Mbps)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.435571G	14.43	-15.57	789.58M	-52.52	2.39656G	-40.39	2.48734G	-48.17	16.352167G	-45.42	1
2412MHz	Pass	2.435571G	14.43	-15.57	198.925M	-53.07	2.39808G	-39.24	2.48734G	-48.05	16.675266G	-45.37	2
2412MHz	Pass	2.435571G	14.43	-15.57	913.07M	-52.95	2.398G	-40.07	2.48742G	-44.89	16.208879G	-43.41	3
2437MHz	Pass	2.435571G	14.43	-15.57	942.195M	-52.58	2.39808G	-49.28	2.52006G	-49.32	16.217308G	-44.88	1
2437MHz	Pass	2.435571G	14.43	-15.57	614.83M	-53.96	2.39984G	-46.90	2.48726G	-49.25	17.602422G	-44.75	2
2437MHz	Pass	2.435571G	14.43	-15.57	1.99885G	-52.93	2.39696G	-47.08	2.49558G	-50.29	16.26788G	-45.55	3
2462MHz	Pass	2.435571G	14.43	-15.57	2.151465G	-52.95	2.39192G	-52.15	2.48566G	-44.96	16.222927G	-42.86	1
2462MHz	Pass	2.435571G	14.43	-15.57	895.595M	-53.09	2.39472G	-52.04	2.48398G	-44.13	17.608041G	-45.00	2
2462MHz	Pass	2.435571G	14.43	-15.57	783.755M	-54.00	2.39832G	-51.34	2.48534G	-45.21	16.821364G	-45.70	3
802.11g_(6Mbps)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.435738G	10.47	-19.53	629.975M	-53.40	2.39992G	-38.24	2.48734G	-50.35	16.279118G	-45.49	1
2412MHz	Pass	2.435738G	10.47	-19.53	921.225M	-52.89	2.39992G	-34.89	2.48734G	-48.61	16.217308G	-44.54	2
2412MHz	Pass	2.435738G	10.47	-19.53	650.945M	-53.44	2.39984G	-36.13	2.48742G	-51.48	17.661423G	-45.97	3
2437MHz	Pass	2.435738G	10.47	-19.53	671.915M	-53.68	2.39896G	-40.04	2.48566G	-47.47	23.581171G	-45.27	1
2437MHz	Pass	2.435738G	10.47	-19.53	506.485M	-53.48	2.3996G	-39.12	2.48382G	-42.75	16.841031G	-45.23	2
2437MHz	Pass	2.435738G	10.47	-19.53	462.215M	-52.82	2.39704G	-39.29	2.48726G	-46.30	16.824173G	-45.90	3
2462MHz	Pass	2.435738G	10.47	-19.53	832.685M	-53.35	2.39664G	-52.85	2.48366G	-46.32	16.776411G	-45.34	1
2462MHz	Pass	2.435738G	10.47	-19.53	2.08972G	-53.63	2.39176G	-52.07	2.48486G	-44.04	17.644565G	-44.93	2
2462MHz	Pass	2.435738G	10.47	-19.53	2.00817G	-53.79	2.39648G	-51.18	2.48574G	-44.93	16.20045G	-45.97	3
802.11n HT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.438243G	10.17	-19.83	2.125835G	-53.51	2.39896G	-39.34	2.50766G	-52.16	16.20045G	-44.77	1
2412MHz	Pass	2.438243G	10.17	-19.83	629.975M	-53.47	2.39832G	-38.58	2.48734G	-48.16	16.231355G	-45.18	2
2412MHz	Pass	2.438243G	10.17	-19.83	2.146805G	-51.82	2.39992G	-39.95	2.4915G	-52.36	17.633327G	-44.53	3
2437MHz	Pass	2.438243G	10.17	-19.83	2.128165G	-53.28	2.3968G	-39.56	2.48358G	-46.84	15.23958G	-45.72	1
2437MHz	Pass	2.438243G	10.17	-19.83	2.30408G	-53.59	2.39928G	-39.16	2.48358G	-44.55	15.231151G	-45.46	2
2437MHz	Pass	2.438243G	10.17	-19.83	2.300585G	-53.46	2.39992G	-40.08	2.48358G	-46.92	16.880364G	-45.80	3
2462MHz	Pass	2.438243G	10.17	-19.83	471.535M	-53.16	2.3992G	-52.99	2.48422G	-45.54	16.239784G	-45.53	1
2462MHz	Pass	2.438243G	10.17	-19.83	622.985M	-53.78	2.39248G	-51.52	2.48438G	-43.96	17.627708G	-45.42	2
2462MHz	Pass	2.438243G	10.17	-19.83	1.990695G	-53.95	2.39888G	-51.96	2.48854G	-46.45	17.644565G	-45.42	3
802.11n HT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.432064G	1.73	-28.27	869.285M	-53.06	2.39088G	-44.03	2.51406G	-52.16	16.650817G	-45.32	1
2422MHz	Pass	2.432064G	1.73	-28.27	917.375M	-53.43	2.39712G	-40.16	2.48814G	-50.65	17.503404G	-45.61	2
2422MHz	Pass	2.432064G	1.73	-28.27	904.78M	-52.90	2.39984G	-45.13	2.49678G	-51.74	16.552658G	-45.27	3
2437MHz	Pass	2.432064G	1.73	-28.27	872.72M	-52.54	2.3992G	-43.16	2.48878G	-49.23	17.604369G	-45.68	1
2437MHz	Pass	2.432064G	1.73	-28.27	686.085M	-52.19	2.39952G	-41.50	2.48414G	-46.73	16.204892G	-45.02	2
2437MHz	Pass	2.432064G	1.73	-28.27	926.535M	-52.78	2.39968G	-41.18	2.48414G	-48.69	16.221719G	-45.21	3
2452MHz	Pass	2.432064G	1.73	-28.27	460.52M	-53.97	2.39984G	-49.32	2.48446G	-44.24	17.141616G	-45.51	1
2452MHz	Pass	2.432064G	1.73	-28.27	1.80704G	-53.79	2.3928G	-47.51	2.48638G	-43.58	16.877987G	-44.41	2
2452MHz	Pass	2.432064G	1.73	-28.27	854.4M	-53.55	2.3992G	-49.57	2.48606G	-45.89	16.788241G	-45.80	3

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

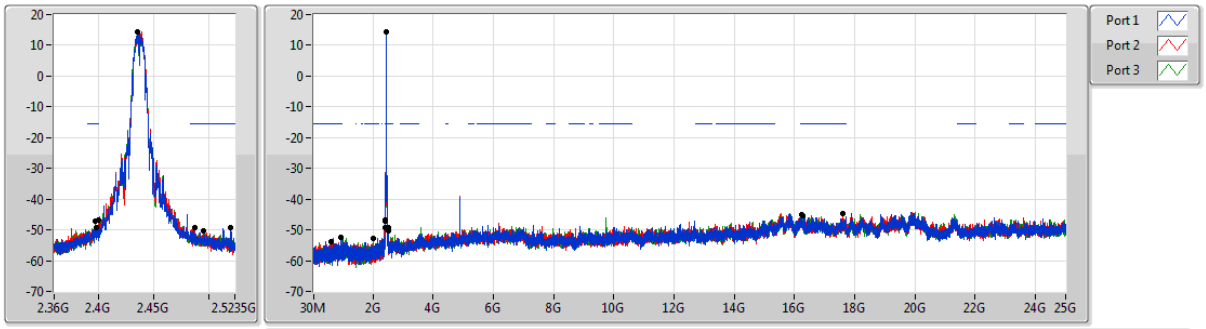
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435571G	14.43	-15.57	789.58M	-52.52	2.39656G	-40.39	2.48734G	-48.17	16.352167G	-45.42	1
2.435571G	14.43	-15.57	198.925M	-53.07	2.39808G	-39.24	2.48734G	-48.05	16.675266G	-45.37	2
2.435571G	14.43	-15.57	913.07M	-52.95	2.398G	-40.07	2.48742G	-44.89	16.208879G	-43.41	3

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

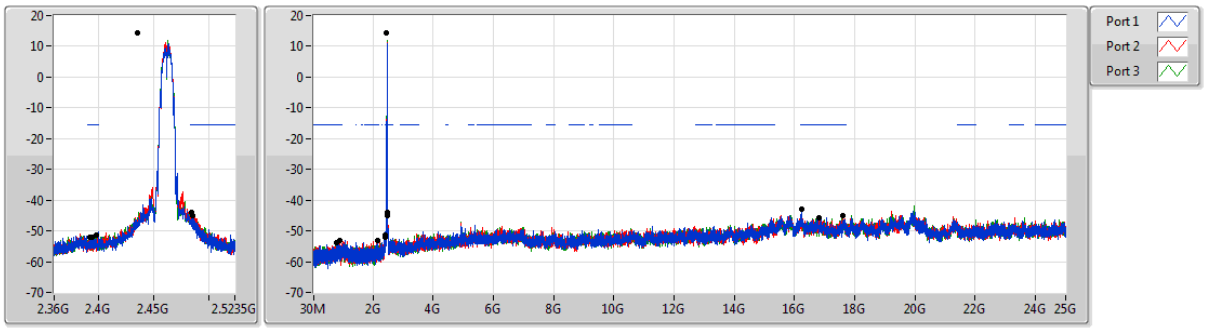
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435571G	14.43	-15.57	942.195M	-52.58	2.39808G	-49.28	2.52006G	-49.32	16.217308G	-44.88	1
2.435571G	14.43	-15.57	614.83M	-53.96	2.39984G	-46.90	2.48726G	-49.25	17.602422G	-44.75	2
2.435571G	14.43	-15.57	1.99885G	-52.93	2.39696G	-47.08	2.49558G	-50.29	16.26788G	-45.55	3

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

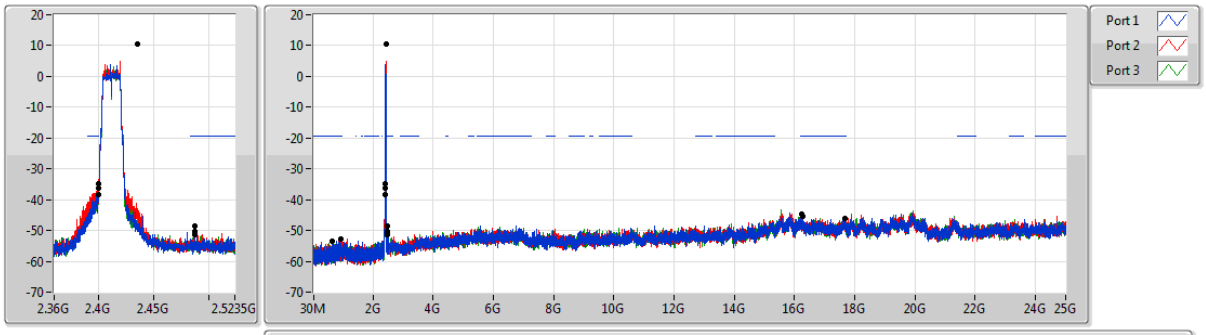
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435571G	14.43	-15.57	2.151465G	-52.95	2.39192G	-52.15	2.48566G	-44.96	16.222927G	-42.86	1
2.435571G	14.43	-15.57	895.595M	-53.09	2.39472G	-52.04	2.48398G	-44.13	17.608041G	-45.00	2
2.435571G	14.43	-15.57	783.755M	-54.00	2.39832G	-51.34	2.48534G	-45.21	16.821364G	-45.70	3

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

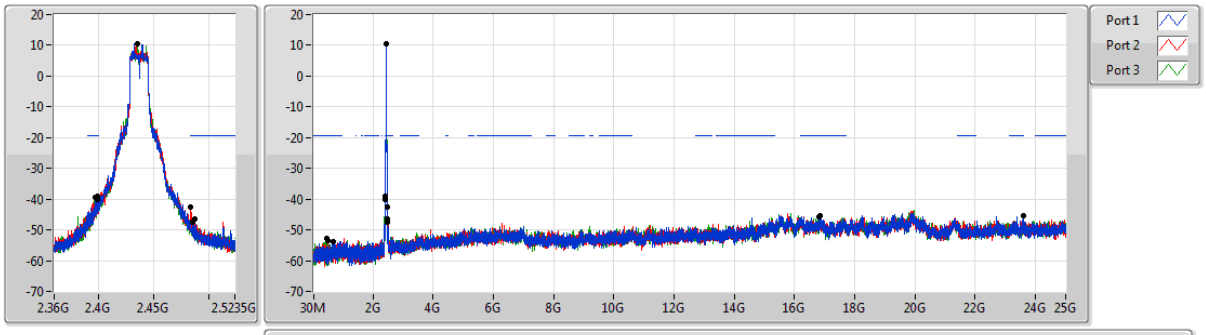
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435738G	10.47	-19.53	629.975M	-53.40	2.39992G	-38.24	2.48734G	-50.35	16.279118G	-45.49	1
2.435738G	10.47	-19.53	921.225M	-52.89	2.39992G	-34.89	2.48734G	-48.61	16.217308G	-44.54	2
2.435738G	10.47	-19.53	650.945M	-53.44	2.39984G	-36.13	2.48742G	-51.48	17.661423G	-45.97	3

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

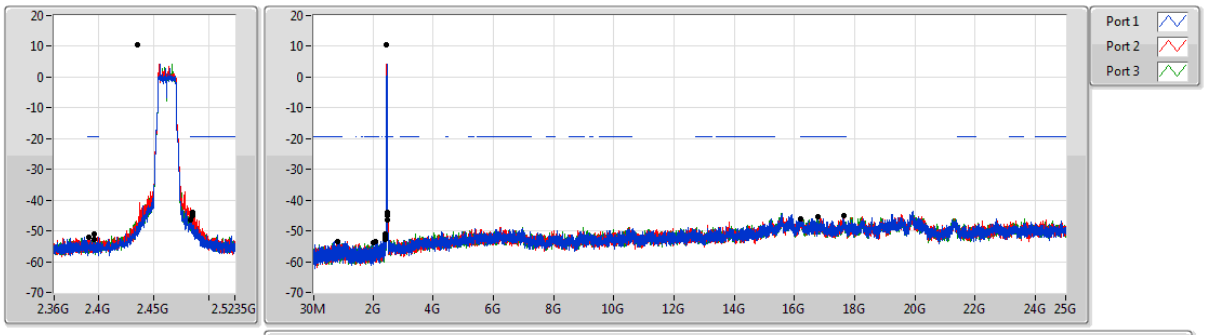
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435738G	10.47	-19.53	671.915M	-53.68	2.39896G	-40.04	2.48566G	-47.47	23.581171G	-45.27	1
2.435738G	10.47	-19.53	506.485M	-53.48	2.3996G	-39.12	2.48382G	-42.75	16.841031G	-45.23	2
2.435738G	10.47	-19.53	462.215M	-52.82	2.39704G	-39.29	2.48726G	-46.30	16.824173G	-45.90	3

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

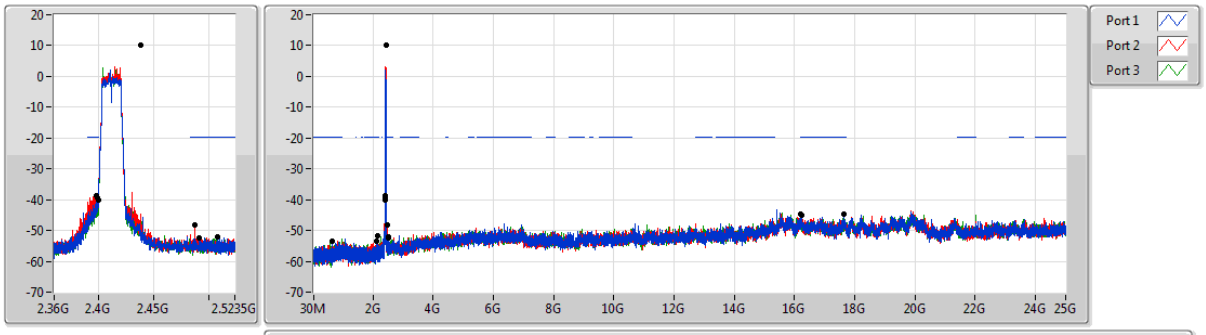
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435738G	10.47	-19.53	832.685M	-53.35	2.39664G	-52.85	2.48366G	-46.32	16.776411G	-45.34	1
2.435738G	10.47	-19.53	2.08972G	-53.63	2.39176G	-52.07	2.48486G	-44.04	17.644565G	-44.93	2
2.435738G	10.47	-19.53	2.00817G	-53.79	2.39648G	-51.18	2.48574G	-44.93	16.20045G	-45.97	3

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

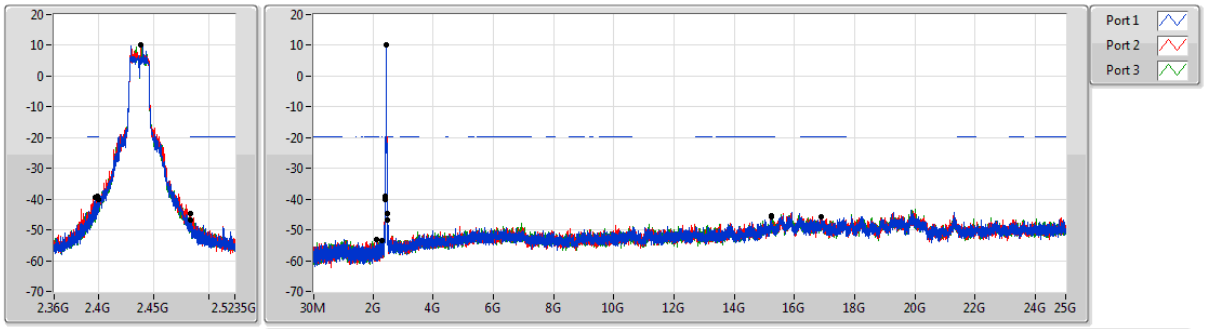
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438243G	10.17	-19.83	2.125835G	-53.51	2.39896G	-39.34	2.50766G	-52.16	16.20045G	-44.77	1
2.438243G	10.17	-19.83	629.975M	-53.47	2.39832G	-38.58	2.48734G	-48.16	16.231355G	-45.18	2
2.438243G	10.17	-19.83	2.146805G	-51.82	2.39992G	-39.95	2.4915G	-52.36	17.633327G	-44.53	3

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

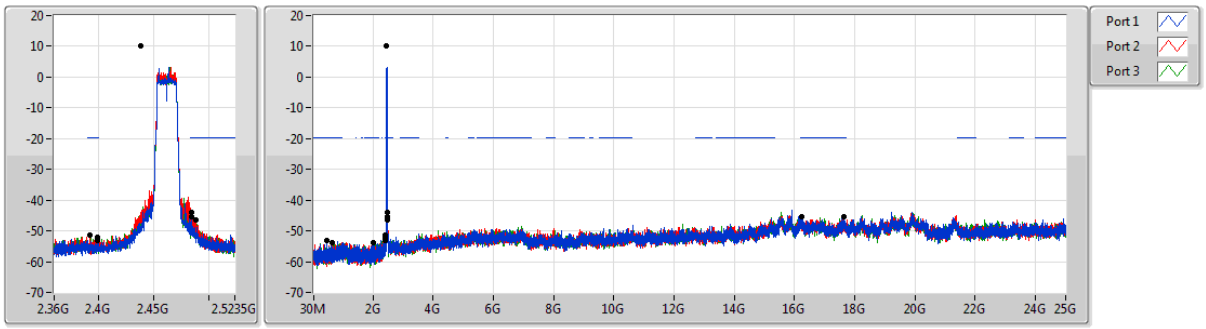
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438243G	10.17	-19.83	2.128165G	-53.28	2.3968G	-39.56	2.48358G	-46.84	15.23958G	-45.72	1
2.438243G	10.17	-19.83	2.30408G	-53.59	2.39928G	-39.16	2.48358G	-44.55	15.231151G	-45.46	2
2.438243G	10.17	-19.83	2.300585G	-53.46	2.39992G	-40.08	2.48358G	-46.92	16.880364G	-45.80	3

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

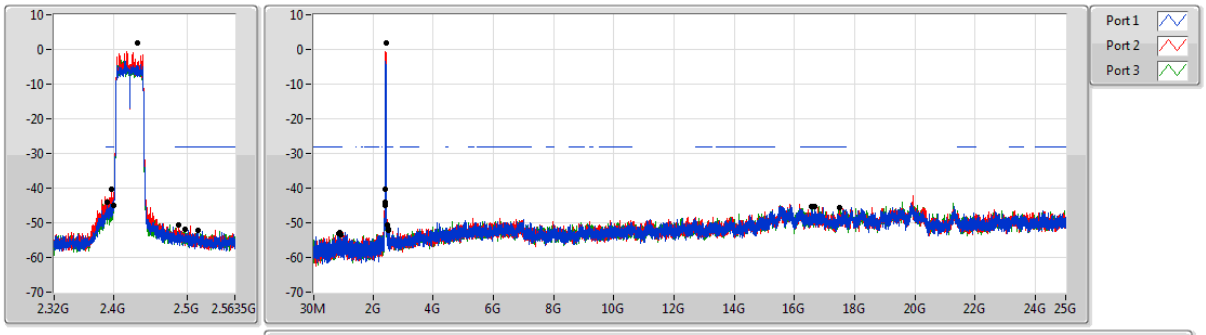
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438243G	10.17	-19.83	471.535M	-53.16	2.3992G	-52.99	2.48422G	-45.54	16.239784G	-45.53	1
2.438243G	10.17	-19.83	622.985M	-53.78	2.39248G	-51.52	2.48438G	-43.96	17.627708G	-45.42	2
2.438243G	10.17	-19.83	1.990695G	-53.95	2.39888G	-51.96	2.48854G	-46.45	17.644565G	-45.42	3

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

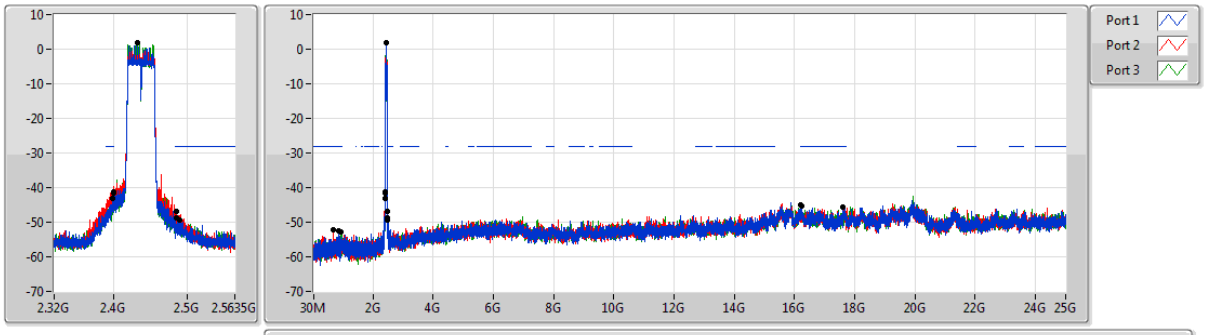
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.432064G	1.73	-28.27	869.285M	-53.06	2.39088G	-44.03	2.51406G	-52.16	16.650817G	-45.32	1
2.432064G	1.73	-28.27	917.375M	-53.43	2.39712G	-40.16	2.48814G	-50.65	17.503404G	-45.61	2
2.432064G	1.73	-28.27	904.78M	-52.90	2.39984G	-45.13	2.49678G	-51.74	16.552658G	-45.27	3

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

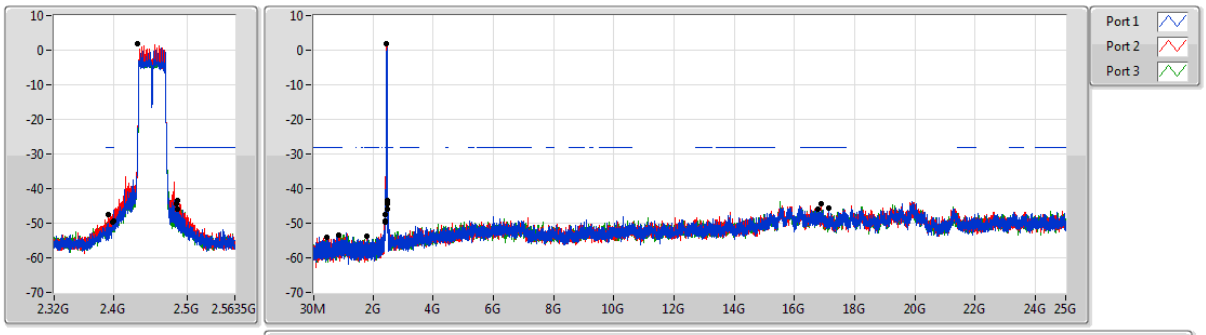
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.432064G	1.73	-28.27	872.72M	-52.54	2.3992G	-43.16	2.48878G	-49.23	17.604369G	-45.68	1
2.432064G	1.73	-28.27	686.085M	-52.19	2.39952G	-41.50	2.48414G	-46.73	16.204892G	-45.02	2
2.432064G	1.73	-28.27	926.535M	-52.78	2.39968G	-41.18	2.48414G	-48.69	16.221719G	-45.21	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
2.432064G	1.73	-28.27	460.52M	-53.97	2.39984G	-49.32	2.48446G	-44.24	17.141616G	-45.51	1
2.432064G	1.73	-28.27	1.80704G	-53.79	2.3928G	-47.51	2.48638G	-43.58	16.877987G	-44.41	2
2.432064G	1.73	-28.27	854.4M	-53.55	2.3992G	-49.57	2.48606G	-45.89	16.788241G	-45.80	3

Summary

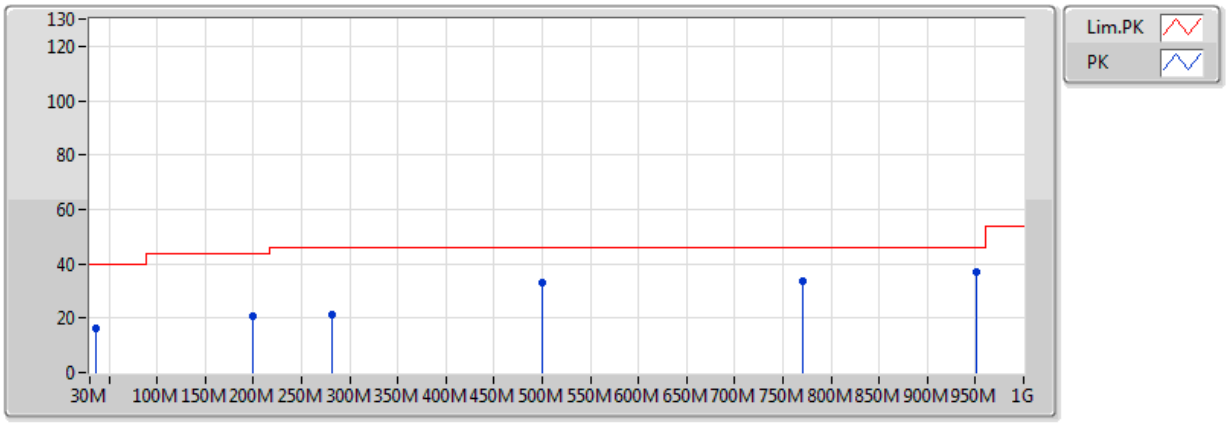
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_3TX	Pass	PK	951.5M	37.08	46.00	-8.92	-2.41	3	Vertical	360	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	107.6M	12.95	43.50	-30.55	-19.40	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	165.8M	17.95	43.50	-25.55	-19.41	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	208.48M	23.07	43.50	-20.43	-19.99	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	691.54M	32.70	46.00	-13.30	-7.58	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	771.08M	32.24	46.00	-13.76	-5.88	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	951.5M	34.04	46.00	-11.96	-2.41	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	35.82M	16.40	40.00	-23.60	-16.13	3	Vertical	360	1.00	-
2437MHz	Pass	PK	198.78M	20.67	43.50	-22.83	-20.16	3	Vertical	360	1.00	-
2437MHz	Pass	PK	282.2M	21.07	46.00	-24.93	-15.91	3	Vertical	360	1.00	-
2437MHz	Pass	PK	499.48M	33.30	46.00	-12.70	-10.16	3	Vertical	360	1.00	-
2437MHz	Pass	PK	771.08M	33.70	46.00	-12.30	-5.88	3	Vertical	360	1.00	-
2437MHz	Pass	PK	951.5M	37.08	46.00	-8.92	-2.41	3	Vertical	360	1.00	-

802.11n HT40_Nss1,(MCS0)_3TX

2437MHz_Adapter

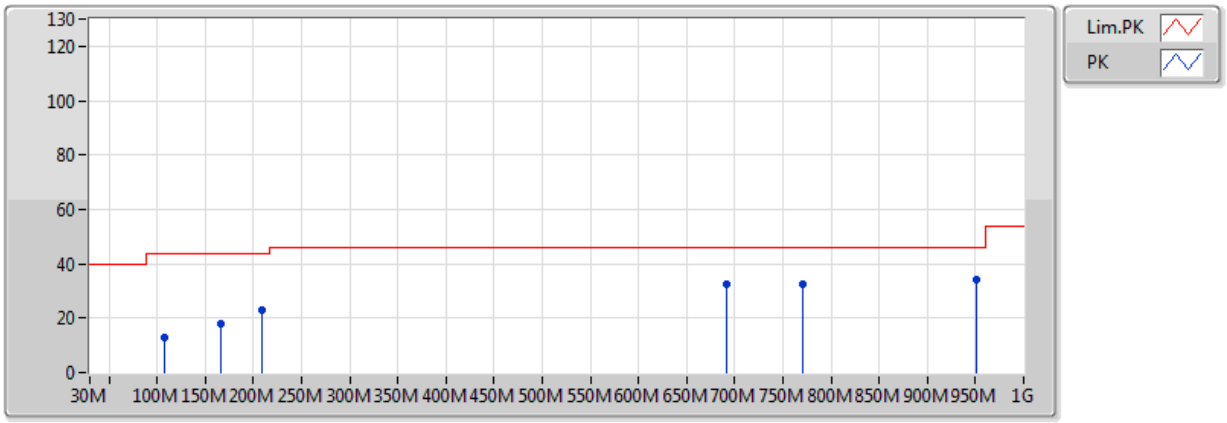


EUT = Y
eth1

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	35.82M	16.40	40.00	-23.60	-16.13	3	Vertical	360	1.00	-	32.53	20.15	1.01	37.28
PK	198.78M	20.67	43.50	-22.83	-20.16	3	Vertical	360	1.00	-	40.83	13.93	2.29	36.38
PK	282.2M	21.07	46.00	-24.93	-15.91	3	Vertical	360	1.00	-	36.98	17.69	2.83	36.43
PK	499.48M	33.30	46.00	-12.70	-10.16	3	Vertical	360	1.00	-	43.46	22.82	3.94	36.92
PK	771.08M	33.70	46.00	-12.30	-5.88	3	Vertical	360	1.00	-	39.58	26.87	4.69	37.44
PK	951.5M	37.08	46.00	-8.92	-2.41	3	Vertical	360	1.00	-	39.49	29.49	5.43	37.33

802.11n HT40_Nss1,(MCS0)_3TX

2437MHz_Adapter



EUT = Y
eth1

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	107.6M	12.95	43.50	-30.55	-19.40	3	Horizontal	0	1.00	-	32.35	15.69	1.68	36.77
PK	165.8M	17.95	43.50	-25.55	-19.41	3	Horizontal	0	1.00	-	37.36	15.00	2.12	36.53
PK	208.48M	23.07	43.50	-20.43	-19.99	3	Horizontal	0	1.00	-	43.06	14.05	2.34	36.39
PK	691.54M	32.70	46.00	-13.30	-7.58	3	Horizontal	0	1.00	-	40.28	25.39	4.36	37.33
PK	771.08M	32.24	46.00	-13.76	-5.88	3	Horizontal	0	1.00	-	38.12	26.87	4.69	37.44
PK	951.5M	34.04	46.00	-11.96	-2.41	3	Horizontal	0	1.00	-	36.45	29.49	5.43	37.33

Summary

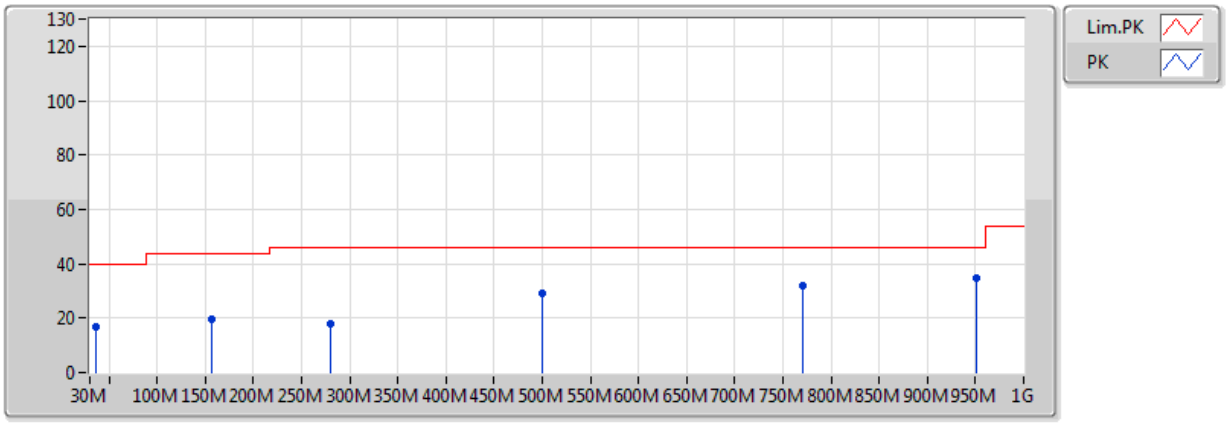
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_3TX	Pass	PK	951.5M	34.48	46.00	-11.52	-2.41	3	Vertical	0	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	156.1M	16.40	43.50	-27.10	-18.76	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	206.54M	20.96	43.50	-22.54	-20.02	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	231.76M	22.51	46.00	-23.49	-18.62	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	776.9M	33.14	46.00	-12.86	-5.78	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	800.18M	33.17	46.00	-12.83	-5.64	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	951.5M	33.41	46.00	-12.59	-2.41	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	35.82M	16.71	40.00	-23.29	-16.13	3	Vertical	0	1.00	-
2437MHz	Pass	PK	156.1M	19.89	43.50	-23.61	-18.76	3	Vertical	0	1.00	-
2437MHz	Pass	PK	280.26M	18.16	46.00	-27.84	-15.97	3	Vertical	0	1.00	-
2437MHz	Pass	PK	499.48M	29.02	46.00	-16.98	-10.16	3	Vertical	0	1.00	-
2437MHz	Pass	PK	771.08M	31.68	46.00	-14.32	-5.88	3	Vertical	0	1.00	-
2437MHz	Pass	PK	951.5M	34.48	46.00	-11.52	-2.41	3	Vertical	0	1.00	-

802.11n HT40_Nss1,(MCS0)_3TX

2437MHz_Adapter

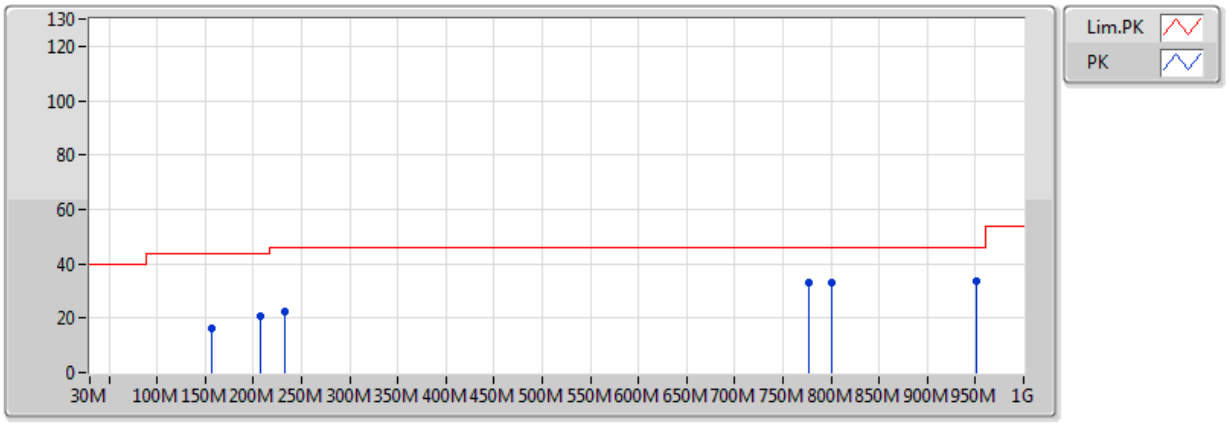


EUT = Z ANT = Y
eth1

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	35.82M	16.71	40.00	-23.29	-16.13	3	Vertical	0	1.00	-	32.84	20.15	1.01	37.28
PK	156.1M	19.89	43.50	-23.61	-18.76	3	Vertical	0	1.00	-	38.65	15.74	2.07	36.57
PK	280.26M	18.16	46.00	-27.84	-15.97	3	Vertical	0	1.00	-	34.13	17.65	2.81	36.43
PK	499.48M	29.02	46.00	-16.98	-10.16	3	Vertical	0	1.00	-	39.18	22.82	3.94	36.92
PK	771.08M	31.68	46.00	-14.32	-5.88	3	Vertical	0	1.00	-	37.56	26.87	4.69	37.44
PK	951.5M	34.48	46.00	-11.52	-2.41	3	Vertical	0	1.00	-	36.89	29.49	5.43	37.33

802.11n HT40_Nss1,(MCS0)_3TX

2437MHz_Adapter



EUT = Z ANT = Y
eth1

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	156.1M	16.40	43.50	-27.10	-18.76	3	Horizontal	360	1.00	-	35.16	15.74	2.07	36.57
PK	206.54M	20.96	43.50	-22.54	-20.02	3	Horizontal	360	1.00	-	40.98	14.03	2.33	36.39
PK	231.76M	22.51	46.00	-23.49	-18.62	3	Horizontal	360	1.00	-	41.13	15.31	2.47	36.40
PK	776.9M	33.14	46.00	-12.86	-5.78	3	Horizontal	360	1.00	-	38.92	26.91	4.76	37.45
PK	800.18M	33.17	46.00	-12.83	-5.64	3	Horizontal	360	1.00	-	38.81	26.84	5.00	37.48
PK	951.5M	33.41	46.00	-12.59	-2.41	3	Horizontal	360	1.00	-	35.82	29.49	5.43	37.33

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	AV	2.39G	53.90	54.00	-0.10	31.17	3	H	334	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	2.3898G	53.83	54.00	-0.17	31.17	3	H	303	1.00	-
2412MHz	Pass	AV	2.411G	111.18	Inf	-Inf	31.25	3	H	303	1.00	-
2412MHz	Pass	PK	2.3898G	65.00	74.00	-9.00	31.17	3	H	303	1.00	-
2412MHz	Pass	PK	2.412G	114.37	Inf	-Inf	31.26	3	H	303	1.00	-
2412MHz	Pass	AV	2.3896G	50.26	54.00	-3.74	31.17	3	V	14	1.89	-
2412MHz	Pass	AV	2.413G	107.52	Inf	-Inf	31.26	3	V	14	1.89	-
2412MHz	Pass	PK	2.39G	60.41	74.00	-13.59	31.17	3	V	14	1.89	-
2412MHz	Pass	PK	2.412G	110.65	Inf	-Inf	31.26	3	V	14	1.89	-
2412MHz	Pass	AV	4.824G	44.65	54.00	-9.35	2.48	3	H	354	2.14	-
2412MHz	Pass	PK	4.824G	49.71	74.00	-24.29	2.48	3	H	354	2.14	-
2412MHz	Pass	AV	4.824G	38.07	54.00	-15.93	2.48	3	V	302	2.04	-
2412MHz	Pass	PK	4.824G	46.20	74.00	-27.80	2.48	3	V	302	2.04	-
2437MHz	Pass	AV	2.389998G	48.74	54.00	-5.26	31.17	3	H	302	1.13	-
2437MHz	Pass	AV	2.4382G	113.63	Inf	-Inf	31.36	3	H	302	1.13	-
2437MHz	Pass	AV	2.483502G	49.29	54.00	-4.71	31.53	3	H	302	1.13	-
2437MHz	Pass	PK	2.389G	60.81	74.00	-13.19	31.17	3	H	302	1.13	-
2437MHz	Pass	PK	2.437G	117.57	Inf	-Inf	31.35	3	H	302	1.13	-
2437MHz	Pass	PK	2.495G	60.31	74.00	-13.69	31.57	3	H	302	1.13	-
2437MHz	Pass	AV	2.3874G	47.57	54.00	-6.43	31.16	3	V	15	1.82	-
2437MHz	Pass	AV	2.4358G	111.85	Inf	-Inf	31.35	3	V	15	1.82	-
2437MHz	Pass	AV	2.489G	48.28	54.00	-5.72	31.55	3	V	15	1.82	-
2437MHz	Pass	PK	2.3894G	57.99	74.00	-16.01	31.17	3	V	15	1.82	-
2437MHz	Pass	PK	2.437G	114.70	Inf	-Inf	31.35	3	V	15	1.82	-
2437MHz	Pass	PK	2.4986G	58.59	74.00	-15.41	31.58	3	V	15	1.82	-
2437MHz	Pass	AV	4.874G	53.21	54.00	-0.79	2.55	3	H	352	2.16	-
2437MHz	Pass	AV	7.311G	45.78	54.00	-8.22	8.42	3	H	327	1.96	-
2437MHz	Pass	PK	4.874G	55.98	74.00	-18.02	2.55	3	H	352	2.16	-
2437MHz	Pass	PK	7.311G	55.76	74.00	-18.24	8.42	3	H	327	1.96	-
2437MHz	Pass	AV	4.874G	46.02	54.00	-7.98	2.55	3	V	46	1.05	-
2437MHz	Pass	AV	7.311G	47.08	54.00	-6.92	8.42	3	V	4	1.18	-
2437MHz	Pass	PK	4.874G	50.61	74.00	-23.39	2.55	3	V	46	1.05	-
2437MHz	Pass	PK	7.311G	57.20	74.00	-16.80	8.42	3	V	4	1.18	-
2462MHz	Pass	AV	2.461G	111.64	Inf	-Inf	31.44	3	H	304	1.01	-
2462MHz	Pass	AV	2.4846G	53.83	54.00	-0.17	31.53	3	H	304	1.01	-
2462MHz	Pass	PK	2.462G	114.67	Inf	-Inf	31.45	3	H	304	1.01	-
2462MHz	Pass	PK	2.4838G	64.58	74.00	-9.42	31.53	3	H	304	1.01	-
2462MHz	Pass	AV	2.461G	109.21	Inf	-Inf	31.44	3	V	10	2.08	-
2462MHz	Pass	AV	2.483502G	51.61	54.00	-2.39	31.53	3	V	10	2.08	-
2462MHz	Pass	PK	2.462G	112.33	Inf	-Inf	31.45	3	V	10	2.08	-
2462MHz	Pass	PK	2.483502G	61.63	74.00	-12.37	31.53	3	V	10	2.08	-
2462MHz	Pass	AV	4.924G	39.11	54.00	-14.89	2.63	3	H	342	2.21	-
2462MHz	Pass	PK	4.924G	47.77	74.00	-26.23	2.63	3	H	342	2.21	-
2462MHz	Pass	AV	4.924G	37.17	54.00	-16.83	2.63	3	V	337	2.32	-
2462MHz	Pass	PK	4.924G	45.94	74.00	-28.06	2.63	3	V	337	2.32	-
802.11g_(6Mbps)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.387G	53.87	54.00	-0.13	31.16	3	H	340	1.92	-
2412MHz	Pass	AV	2.4058G	106.13	Inf	-Inf	31.23	3	H	340	1.92	-
2412MHz	Pass	PK	2.387G	71.59	74.00	-2.41	31.16	3	H	340	1.92	-

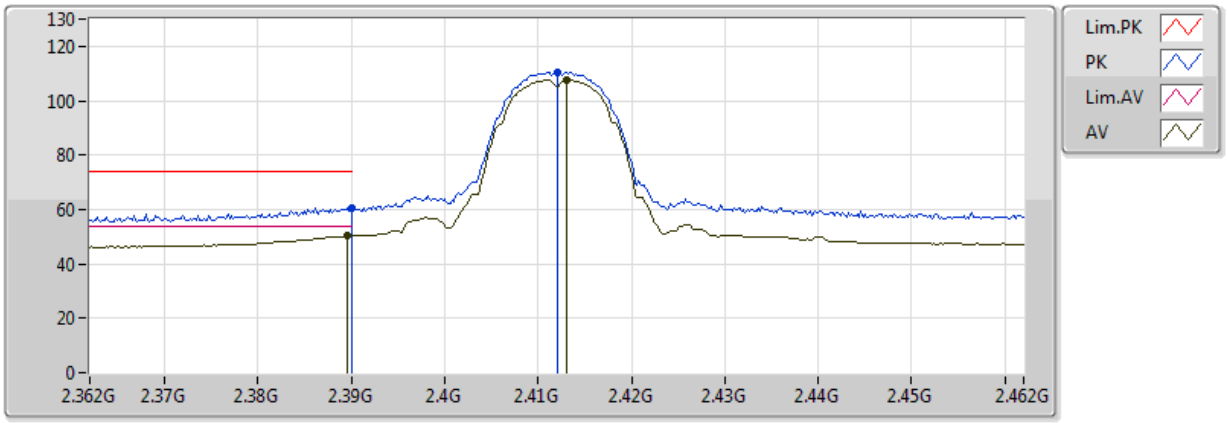
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	PK	2.4056G	113.49	Inf	-Inf	31.23	3	H	340	1.92	-
2412MHz	Pass	AV	2.3898G	52.54	54.00	-1.46	31.17	3	V	352	1.50	-
2412MHz	Pass	AV	2.4098G	103.07	Inf	-Inf	31.25	3	V	352	1.50	-
2412MHz	Pass	PK	2.39G	70.24	74.00	-3.76	31.17	3	V	352	1.50	-
2412MHz	Pass	PK	2.4094G	110.21	Inf	-Inf	31.25	3	V	352	1.50	-
2412MHz	Pass	AV	4.824G	33.52	54.00	-20.48	2.48	3	H	360	1.50	-
2412MHz	Pass	PK	4.824G	45.24	74.00	-28.76	2.48	3	H	360	1.50	-
2412MHz	Pass	AV	4.824G	33.31	54.00	-20.69	2.48	3	V	0	1.50	-
2412MHz	Pass	PK	4.824G	45.75	74.00	-28.25	2.48	3	V	0	1.50	-
2437MHz	Pass	AV	2.389998G	53.09	54.00	-0.91	31.17	3	H	334	1.50	-
2437MHz	Pass	AV	2.4306G	111.60	Inf	-Inf	31.33	3	H	334	1.50	-
2437MHz	Pass	AV	2.4886G	50.89	54.00	-3.11	31.55	3	H	334	1.50	-
2437MHz	Pass	PK	2.389998G	66.48	74.00	-7.52	31.17	3	H	334	1.50	-
2437MHz	Pass	PK	2.4306G	118.98	Inf	-Inf	31.33	3	H	334	1.50	-
2437MHz	Pass	PK	2.4882G	67.78	74.00	-6.22	31.55	3	H	334	1.50	-
2437MHz	Pass	AV	2.3858G	49.19	54.00	-4.81	31.15	3	V	346	1.49	-
2437MHz	Pass	AV	2.4346G	109.13	Inf	-Inf	31.34	3	V	346	1.49	-
2437MHz	Pass	AV	2.483502G	51.51	54.00	-2.49	31.53	3	V	346	1.49	-
2437MHz	Pass	PK	2.3862G	63.62	74.00	-10.38	31.16	3	V	346	1.49	-
2437MHz	Pass	PK	2.4342G	116.64	Inf	-Inf	31.34	3	V	346	1.49	-
2437MHz	Pass	PK	2.483502G	65.00	74.00	-9.00	31.53	3	V	346	1.49	-
2437MHz	Pass	AV	4.874G	40.72	54.00	-13.28	2.55	3	H	322	2.23	-
2437MHz	Pass	PK	4.874G	54.04	74.00	-19.96	2.55	3	H	322	2.23	-
2437MHz	Pass	AV	4.874G	37.29	54.00	-16.71	2.55	3	V	330	3.57	-
2437MHz	Pass	PK	4.874G	49.87	74.00	-24.13	2.55	3	V	330	3.57	-
2462MHz	Pass	AV	2.4642G	105.81	Inf	-Inf	31.45	3	H	321	1.50	-
2462MHz	Pass	AV	2.4838G	53.70	54.00	-0.30	31.53	3	H	321	1.50	-
2462MHz	Pass	PK	2.4642G	113.99	Inf	-Inf	31.45	3	H	321	1.50	-
2462MHz	Pass	PK	2.483502G	69.27	74.00	-4.73	31.53	3	H	321	1.50	-
2462MHz	Pass	AV	2.4592G	103.35	Inf	-Inf	31.43	3	V	345	2.19	-
2462MHz	Pass	AV	2.4848G	49.89	54.00	-4.11	31.53	3	V	345	2.19	-
2462MHz	Pass	PK	2.4588G	110.71	Inf	-Inf	31.43	3	V	345	2.19	-
2462MHz	Pass	PK	2.4894G	61.96	74.00	-12.04	31.55	3	V	345	2.19	-
2462MHz	Pass	AV	4.924G	32.96	54.00	-21.04	2.63	3	H	360	1.50	-
2462MHz	Pass	PK	4.924G	44.66	74.00	-29.34	2.63	3	H	360	1.50	-
2462MHz	Pass	AV	4.924G	32.96	54.00	-21.04	2.63	3	V	0	1.50	-
2462MHz	Pass	PK	4.924G	44.48	74.00	-29.52	2.63	3	V	0	1.50	-
802.11n HT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	53.84	54.00	-0.16	31.17	3	H	328	2.22	-
2412MHz	Pass	AV	2.41G	104.74	Inf	-Inf	31.25	3	H	328	2.22	-
2412MHz	Pass	PK	2.3896G	72.32	74.00	-1.68	31.17	3	H	328	2.22	-
2412MHz	Pass	PK	2.4102G	113.11	Inf	-Inf	31.25	3	H	328	2.22	-
2412MHz	Pass	AV	2.3892G	50.11	54.00	-3.89	31.17	3	V	333	1.50	-
2412MHz	Pass	AV	2.4088G	100.49	Inf	-Inf	31.24	3	V	333	1.50	-
2412MHz	Pass	PK	2.3886G	65.61	74.00	-8.39	31.17	3	V	333	1.50	-
2412MHz	Pass	PK	2.409G	108.52	Inf	-Inf	31.24	3	V	333	1.50	-
2412MHz	Pass	AV	4.824G	33.42	54.00	-20.58	2.48	3	H	0	1.50	-
2412MHz	Pass	PK	4.824G	44.86	74.00	-29.14	2.48	3	H	0	1.50	-
2412MHz	Pass	AV	4.824G	33.36	54.00	-20.64	2.48	3	V	360	1.50	-

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	PK	4.824G	46.03	74.00	-27.97	2.48	3	V	360	1.50	-
2437MHz	Pass	AV	2.389998G	53.74	54.00	-0.26	31.17	3	H	325	2.14	-
2437MHz	Pass	AV	2.4298G	110.85	Inf	-Inf	31.32	3	H	325	2.14	-
2437MHz	Pass	AV	2.485G	52.29	54.00	-1.71	31.53	3	H	325	2.14	-
2437MHz	Pass	PK	2.3894G	70.41	74.00	-3.59	31.17	3	H	325	2.14	-
2437MHz	Pass	PK	2.435G	119.06	Inf	-Inf	31.34	3	H	325	2.14	-
2437MHz	Pass	PK	2.485G	69.12	74.00	-4.88	31.53	3	H	325	2.14	-
2437MHz	Pass	AV	2.3874G	49.86	54.00	-4.14	31.16	3	V	330	3.50	-
2437MHz	Pass	AV	2.433G	108.03	Inf	-Inf	31.34	3	V	330	3.50	-
2437MHz	Pass	AV	2.483502G	50.85	54.00	-3.15	31.53	3	V	330	3.50	-
2437MHz	Pass	PK	2.3878G	65.17	74.00	-8.83	31.16	3	V	330	3.50	-
2437MHz	Pass	PK	2.433G	115.54	Inf	-Inf	31.34	3	V	330	3.50	-
2437MHz	Pass	PK	2.483502G	66.12	74.00	-7.88	31.53	3	V	330	3.50	-
2437MHz	Pass	AV	4.874G	38.40	54.00	-15.60	2.55	3	H	328	2.66	-
2437MHz	Pass	PK	4.874G	52.54	74.00	-21.46	2.55	3	H	328	2.66	-
2437MHz	Pass	AV	4.874G	34.43	54.00	-19.57	2.55	3	V	0	1.50	-
2437MHz	Pass	PK	4.874G	46.24	74.00	-27.76	2.55	3	V	0	1.50	-
2462MHz	Pass	AV	2.4598G	105.88	Inf	-Inf	31.44	3	H	318	2.73	-
2462MHz	Pass	AV	2.484G	52.79	54.00	-1.21	31.53	3	H	318	2.73	-
2462MHz	Pass	PK	2.4596G	114.07	Inf	-Inf	31.44	3	H	318	2.73	-
2462MHz	Pass	PK	2.4842G	72.05	74.00	-1.95	31.53	3	H	318	2.73	-
2462MHz	Pass	AV	2.4582G	102.53	Inf	-Inf	31.43	3	V	329	3.03	-
2462MHz	Pass	AV	2.485G	50.66	54.00	-3.34	31.53	3	V	329	3.03	-
2462MHz	Pass	PK	2.458G	109.72	Inf	-Inf	31.43	3	V	329	3.03	-
2462MHz	Pass	PK	2.4856G	66.71	74.00	-7.29	31.54	3	V	329	3.03	-
2462MHz	Pass	AV	4.924G	33.00	54.00	-21.00	2.63	3	H	0	1.50	-
2462MHz	Pass	PK	4.924G	44.59	74.00	-29.41	2.63	3	H	0	1.50	-
2462MHz	Pass	AV	4.924G	33.03	54.00	-20.97	2.63	3	V	360	1.50	-
2462MHz	Pass	PK	4.924G	44.74	74.00	-29.26	2.63	3	V	360	1.50	-
802.11n HT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	53.90	54.00	-0.10	31.17	3	H	334	1.50	-
2422MHz	Pass	AV	2.4156G	99.71	Inf	-Inf	31.27	3	H	334	1.50	-
2422MHz	Pass	AV	2.4864G	47.92	54.00	-6.08	31.54	3	H	334	1.50	-
2422MHz	Pass	PK	2.39G	65.88	74.00	-8.12	31.17	3	H	334	1.50	-
2422MHz	Pass	PK	2.4104G	107.84	Inf	-Inf	31.25	3	H	334	1.50	-
2422MHz	Pass	PK	2.4864G	59.58	74.00	-14.42	31.54	3	H	334	1.50	-
2422MHz	Pass	AV	2.3892G	51.17	54.00	-2.83	31.17	3	V	327	1.50	-
2422MHz	Pass	AV	2.4188G	96.49	Inf	-Inf	31.28	3	V	327	1.50	-
2422MHz	Pass	AV	2.4844G	47.80	54.00	-6.20	31.53	3	V	327	1.50	-
2422MHz	Pass	PK	2.3888G	62.86	74.00	-11.14	31.17	3	V	327	1.50	-
2422MHz	Pass	PK	2.4084G	104.51	Inf	-Inf	31.24	3	V	327	1.50	-
2422MHz	Pass	PK	2.4844G	58.86	74.00	-15.14	31.53	3	V	327	1.50	-
2422MHz	Pass	AV	4.844G	33.30	54.00	-20.70	2.51	3	H	360	1.50	-
2422MHz	Pass	PK	4.844G	44.67	74.00	-29.33	2.51	3	H	360	1.50	-
2422MHz	Pass	AV	4.844G	33.34	54.00	-20.66	2.51	3	V	0	1.50	-
2422MHz	Pass	PK	4.844G	45.15	74.00	-28.85	2.51	3	V	0	1.50	-
2437MHz	Pass	AV	2.389998G	53.81	54.00	-0.19	31.17	3	H	315	3.47	-
2437MHz	Pass	AV	2.4246G	102.63	Inf	-Inf	31.30	3	H	315	3.47	-
2437MHz	Pass	AV	2.4846G	50.89	54.00	-3.11	31.53	3	H	315	3.47	-

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	PK	2.389998G	66.80	74.00	-7.20	31.17	3	H	315	3.47	-
2437MHz	Pass	PK	2.425G	111.42	Inf	-Inf	31.30	3	H	315	3.47	-
2437MHz	Pass	PK	2.485G	66.80	74.00	-7.20	31.53	3	H	315	3.47	-
2437MHz	Pass	AV	2.3894G	50.61	54.00	-3.39	31.17	3	V	330	3.43	-
2437MHz	Pass	AV	2.433G	99.43	Inf	-Inf	31.34	3	V	330	3.43	-
2437MHz	Pass	AV	2.4838G	49.56	54.00	-4.44	31.53	3	V	330	3.43	-
2437MHz	Pass	PK	2.389G	63.51	74.00	-10.49	31.17	3	V	330	3.43	-
2437MHz	Pass	PK	2.443G	107.64	Inf	-Inf	31.37	3	V	330	3.43	-
2437MHz	Pass	PK	2.4854G	63.19	74.00	-10.81	31.53	3	V	330	3.43	-
2437MHz	Pass	AV	4.874G	32.98	54.00	-21.02	2.55	3	H	0	1.50	-
2437MHz	Pass	PK	4.874G	44.74	74.00	-29.26	2.55	3	H	0	1.50	-
2437MHz	Pass	AV	4.874G	32.96	54.00	-21.04	2.55	3	V	360	1.50	-
2437MHz	Pass	PK	4.874G	44.77	74.00	-29.23	2.55	3	V	360	1.50	-
2452MHz	Pass	AV	2.39G	49.89	54.00	-4.11	31.17	3	H	311	3.48	-
2452MHz	Pass	AV	2.4344G	102.49	Inf	-Inf	31.34	3	H	311	3.48	-
2452MHz	Pass	AV	2.4848G	53.35	54.00	-0.65	31.53	3	H	311	3.48	-
2452MHz	Pass	PK	2.3896G	61.21	74.00	-12.79	31.17	3	H	311	3.48	-
2452MHz	Pass	PK	2.4348G	110.86	Inf	-Inf	31.34	3	H	311	3.48	-
2452MHz	Pass	PK	2.4856G	69.87	74.00	-4.13	31.54	3	H	311	3.48	-
2452MHz	Pass	AV	2.3884G	47.54	54.00	-6.46	31.16	3	V	322	3.43	-
2452MHz	Pass	AV	2.438G	99.01	Inf	-Inf	31.35	3	V	322	3.43	-
2452MHz	Pass	AV	2.4836G	49.69	54.00	-4.31	31.53	3	V	322	3.43	-
2452MHz	Pass	PK	2.3884G	58.21	74.00	-15.79	31.16	3	V	322	3.43	-
2452MHz	Pass	PK	2.4428G	107.38	Inf	-Inf	31.37	3	V	322	3.43	-
2452MHz	Pass	PK	2.486G	66.75	74.00	-7.25	31.54	3	V	322	3.43	-
2452MHz	Pass	AV	4.904G	33.05	54.00	-20.95	2.60	3	H	360	1.50	-
2452MHz	Pass	PK	4.904G	44.80	74.00	-29.20	2.60	3	H	360	1.50	-
2452MHz	Pass	AV	4.904G	32.98	54.00	-21.02	2.60	3	V	0	1.50	-
2452MHz	Pass	PK	4.904G	44.61	74.00	-29.39	2.60	3	V	0	1.50	-

802.11b_(1Mbps)_3TX

2412MHz_TX

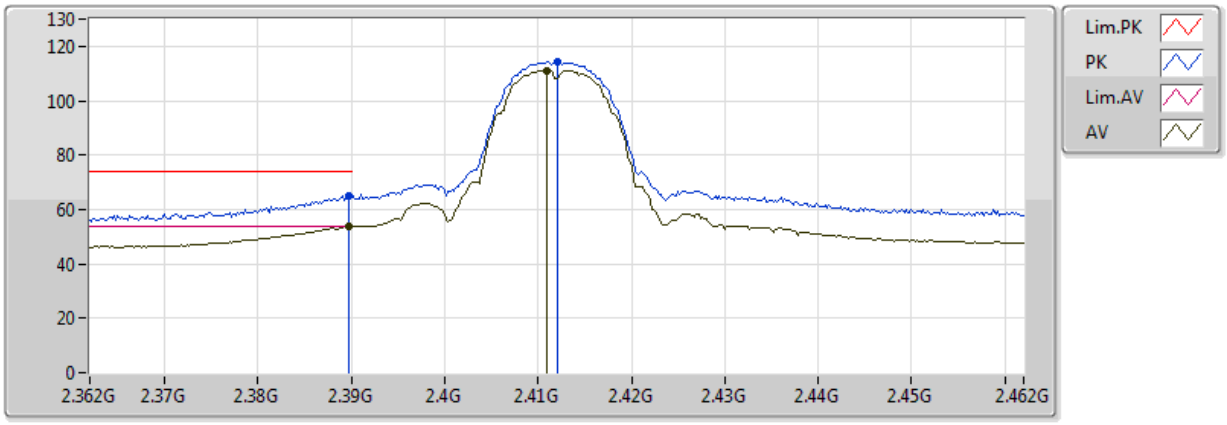


Eut : Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3896G	50.26	54.00	-3.74	31.17	3	V	14	1.89	-
AV	2.413G	107.52	Inf	-Inf	31.26	3	V	14	1.89	-
PK	2.39G	60.41	74.00	-13.59	31.17	3	V	14	1.89	-
PK	2.412G	110.65	Inf	-Inf	31.26	3	V	14	1.89	-

802.11b_(1Mbps)_3TX

2412MHz_TX

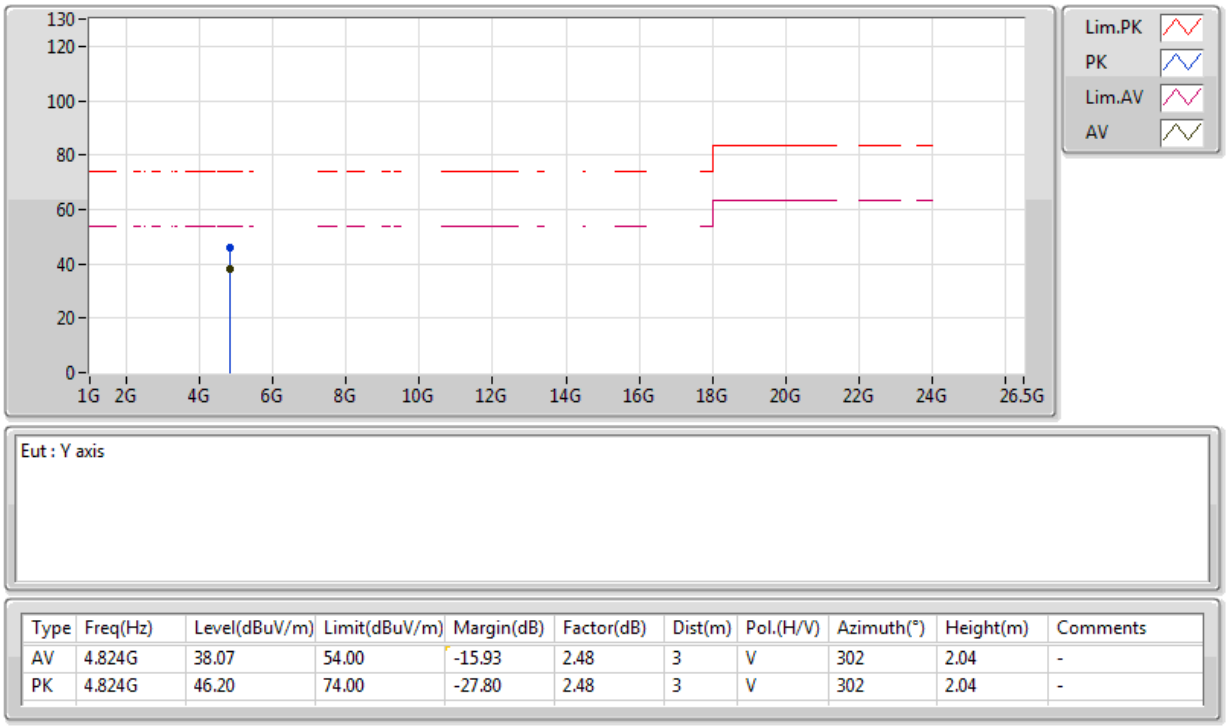


Eut : Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3898G	53.83	54.00	-0.17	31.17	3	H	303	1.00	-
AV	2.411G	111.18	Inf	-Inf	31.25	3	H	303	1.00	-
PK	2.3898G	65.00	74.00	-9.00	31.17	3	H	303	1.00	-
PK	2.412G	114.37	Inf	-Inf	31.26	3	H	303	1.00	-

802.11b_(1Mbps)_3TX

2412MHz_TX



Eut : Y 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	38.07	54.00	-15.93	2.48	3	V	302	2.04	-
PK	4.824G	46.20	74.00	-27.80	2.48	3	V	302	2.04	-

802.11b_(1Mbps)_3TX

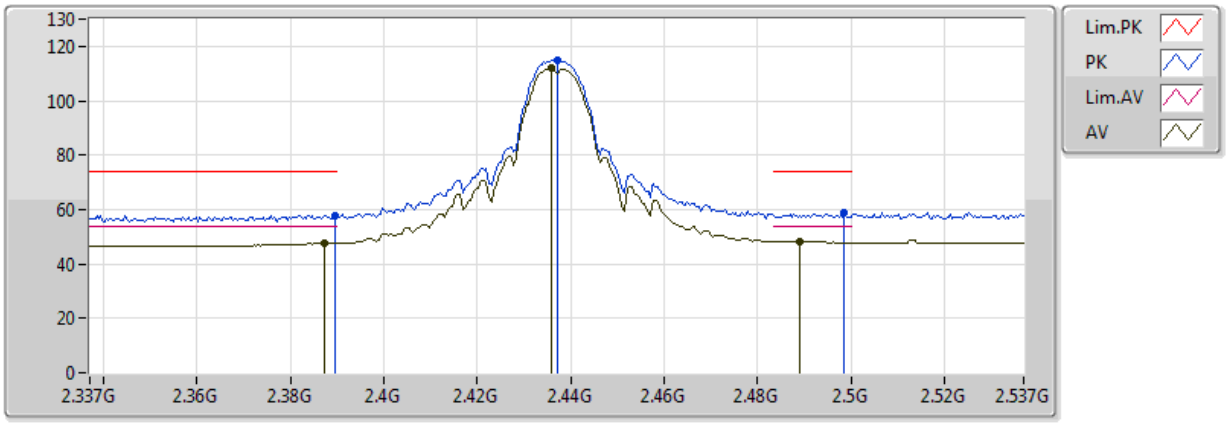
2412MHz_TX

Eut : Y 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	44.65	54.00	-9.35	2.48	3	H	354	2.14	-
PK	4.824G	49.71	74.00	-24.29	2.48	3	H	354	2.14	-

802.11b_(1Mbps)_3TX

2437MHz_TX

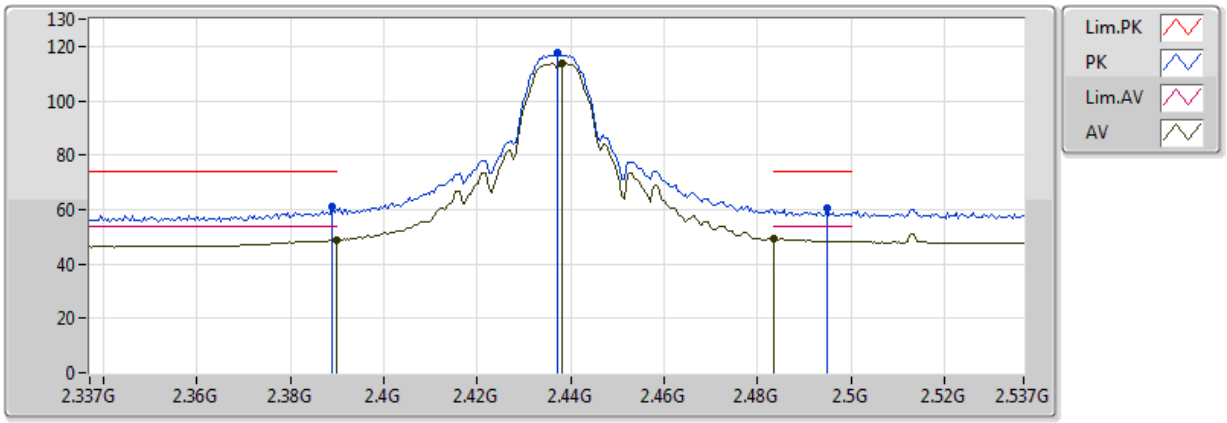


Eut : Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3874G	47.57	54.00	-6.43	31.16	3	V	15	1.82	-
AV	2.4358G	111.85	Inf	-Inf	31.35	3	V	15	1.82	-
AV	2.489G	48.28	54.00	-5.72	31.55	3	V	15	1.82	-
PK	2.3894G	57.99	74.00	-16.01	31.17	3	V	15	1.82	-
PK	2.437G	114.70	Inf	-Inf	31.35	3	V	15	1.82	-
PK	2.4986G	58.59	74.00	-15.41	31.58	3	V	15	1.82	-

802.11b_(1Mbps)_3TX

2437MHz_TX

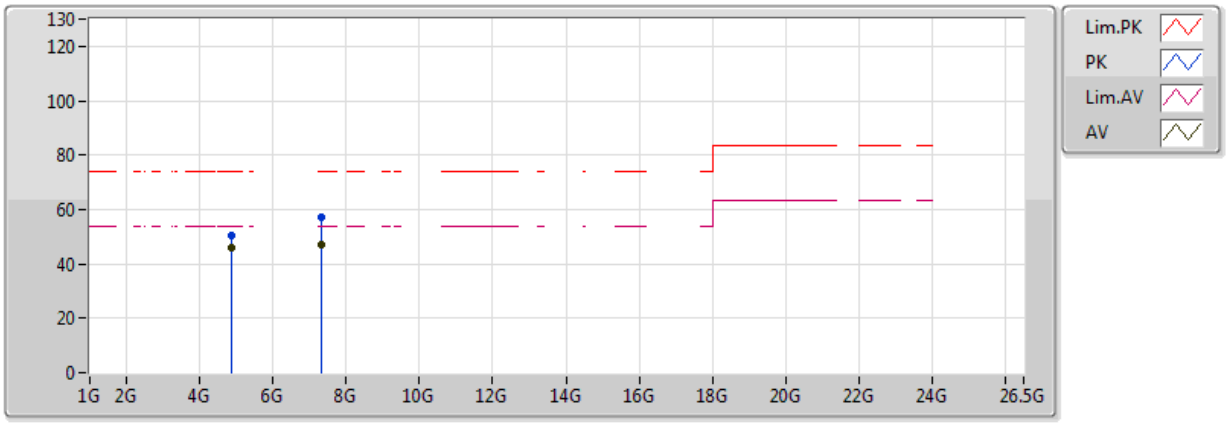


Eut : Y axis

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	48.74	54.00	-5.26	31.17	3	H	302	1.13	-
AV	2.4382G	113.63	Inf	-Inf	31.36	3	H	302	1.13	-
AV	2.483502G	49.29	54.00	-4.71	31.53	3	H	302	1.13	-
PK	2.389G	60.81	74.00	-13.19	31.17	3	H	302	1.13	-
PK	2.437G	117.57	Inf	-Inf	31.35	3	H	302	1.13	-
PK	2.495G	60.31	74.00	-13.69	31.57	3	H	302	1.13	-

802.11b_(1Mbps)_3TX

2437MHz_TX

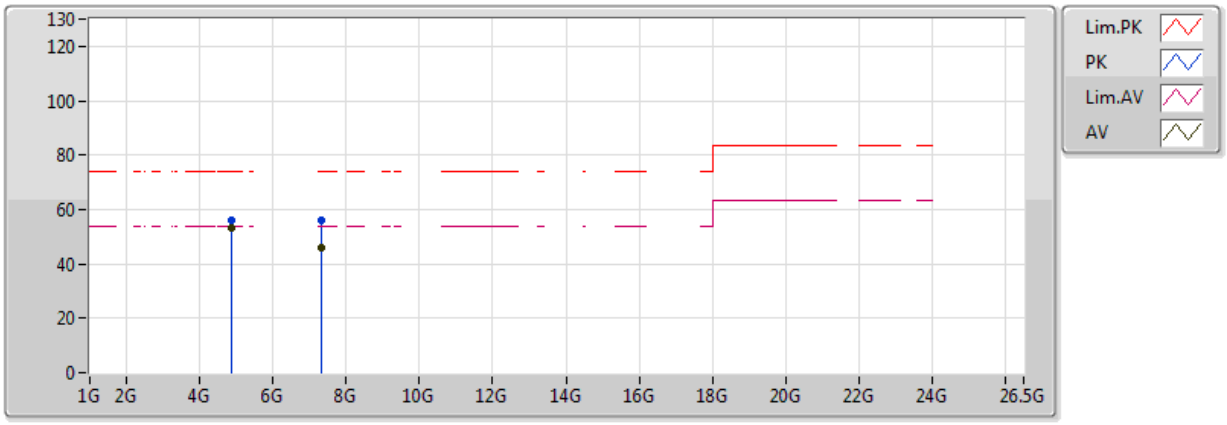


Eut : Y axis

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	46.02	54.00	-7.98	2.55	3	V	46	1.05	-
AV	7.311G	47.08	54.00	-6.92	8.42	3	V	4	1.18	-
PK	4.874G	50.61	74.00	-23.39	2.55	3	V	46	1.05	-
PK	7.311G	57.20	74.00	-16.80	8.42	3	V	4	1.18	-

802.11b_(1Mbps)_3TX

2437MHz_TX

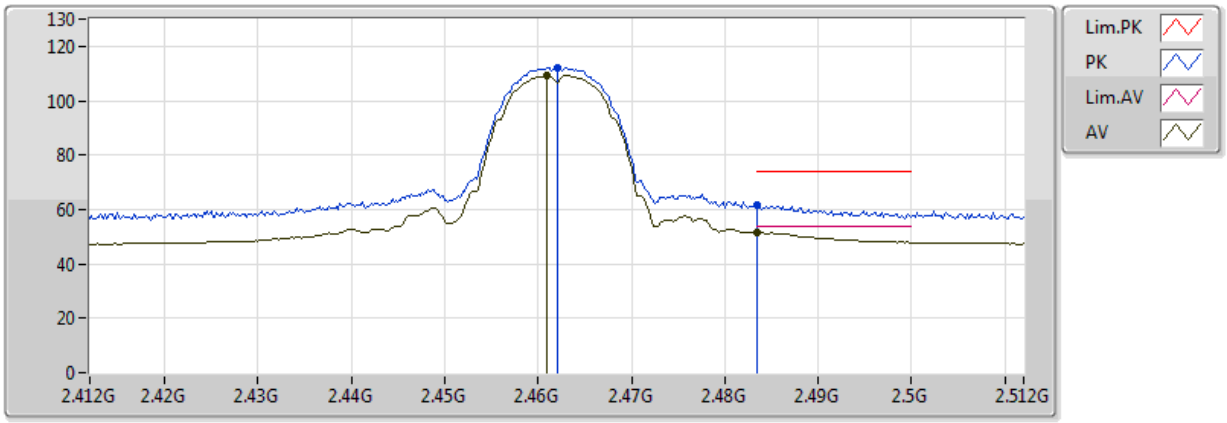


Eut : Y axis

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	53.21	54.00	-0.79	2.55	3	H	352	2.16	-
AV	7.311G	45.78	54.00	-8.22	8.42	3	H	327	1.96	-
PK	4.874G	55.98	74.00	-18.02	2.55	3	H	352	2.16	-
PK	7.311G	55.76	74.00	-18.24	8.42	3	H	327	1.96	-

802.11b_(1Mbps)_3TX

2462MHz_TX

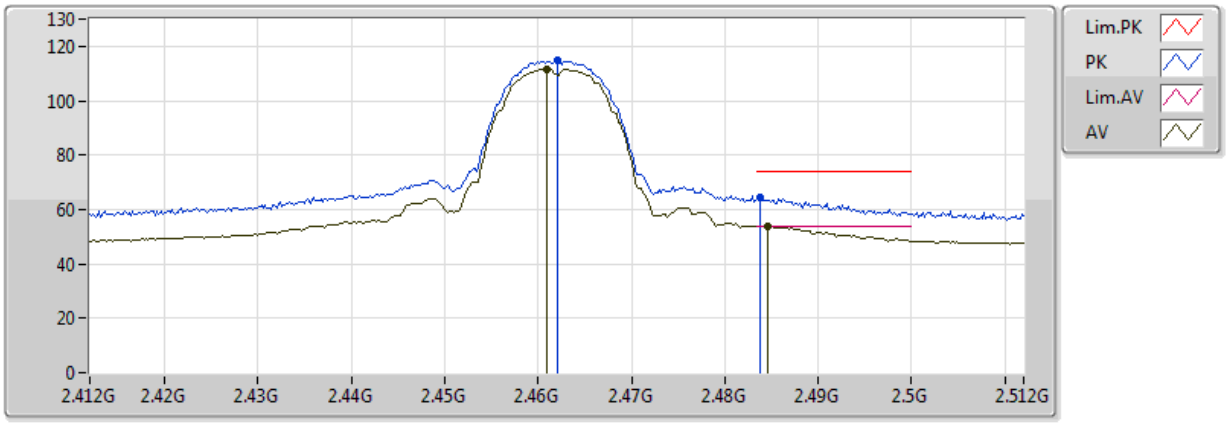


Eut : Y axis

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	109.21	Inf	-Inf	31.44	3	V	10	2.08	-
AV	2.483502G	51.61	54.00	-2.39	31.53	3	V	10	2.08	-
PK	2.462G	112.33	Inf	-Inf	31.45	3	V	10	2.08	-
PK	2.483502G	61.63	74.00	-12.37	31.53	3	V	10	2.08	-

802.11b_(1Mbps)_3TX

2462MHz_TX



Eut : Y 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	111.64	Inf	-Inf	31.44	3	H	304	1.01	-
AV	2.4846G	53.83	54.00	-0.17	31.53	3	H	304	1.01	-
PK	2.462G	114.67	Inf	-Inf	31.45	3	H	304	1.01	-
PK	2.4838G	64.58	74.00	-9.42	31.53	3	H	304	1.01	-

802.11b_(1Mbps)_3TX

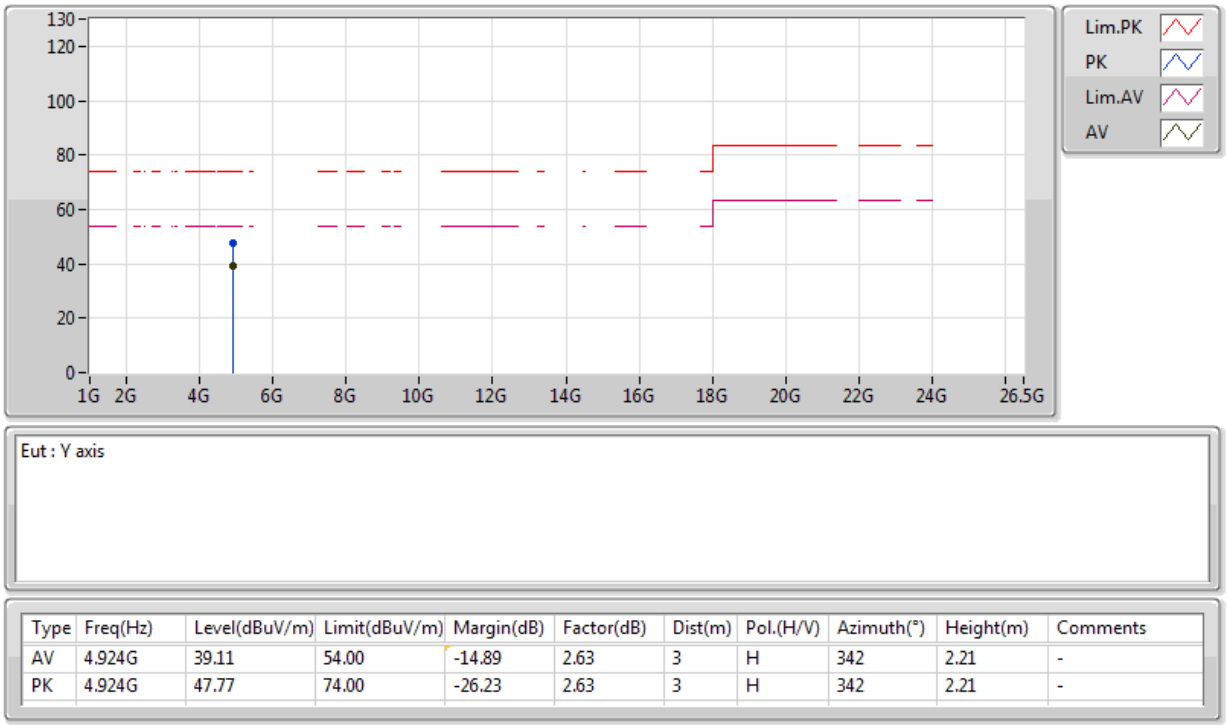
2462MHz_TX

Eut : Y 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	37.17	54.00	-16.83	2.63	3	V	337	2.32	-
PK	4.924G	45.94	74.00	-28.06	2.63	3	V	337	2.32	-

802.11b_(1Mbps)_3TX

2462MHz_TX

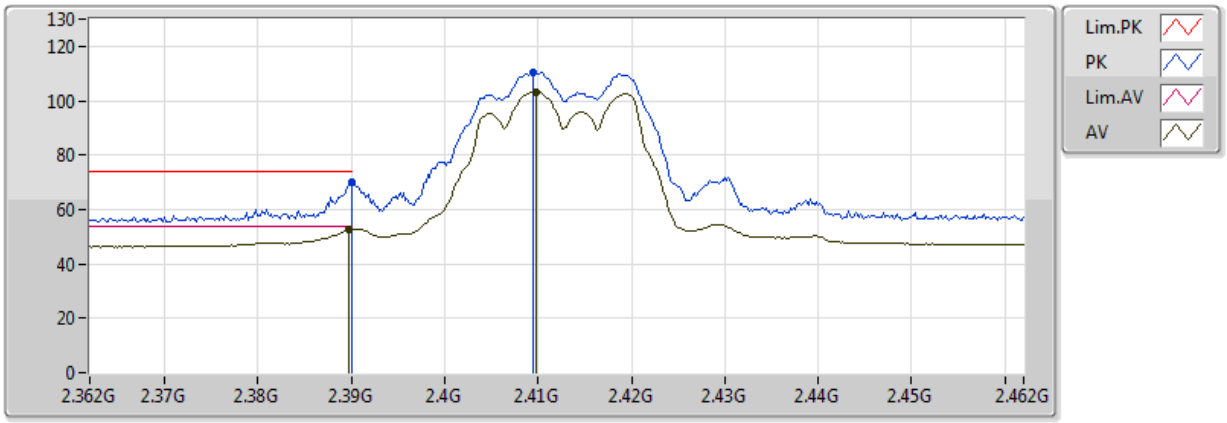


Eut : Y axis

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	39.11	54.00	-14.89	2.63	3	H	342	2.21	-
PK	4.924G	47.77	74.00	-26.23	2.63	3	H	342	2.21	-

802.11g_(6Mbps)_3TX

2412MHz_TX

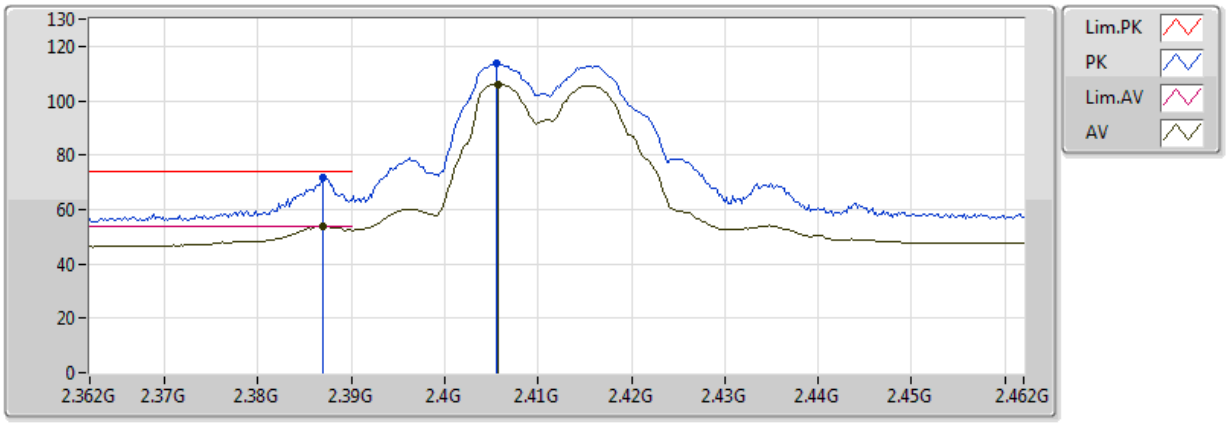


Eut : Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3898G	52.54	54.00	-1.46	31.17	3	V	352	1.50	-
AV	2.4098G	103.07	Inf	-Inf	31.25	3	V	352	1.50	-
PK	2.39G	70.24	74.00	-3.76	31.17	3	V	352	1.50	-
PK	2.4094G	110.21	Inf	-Inf	31.25	3	V	352	1.50	-

802.11g_(6Mbps)_3TX

2412MHz_TX

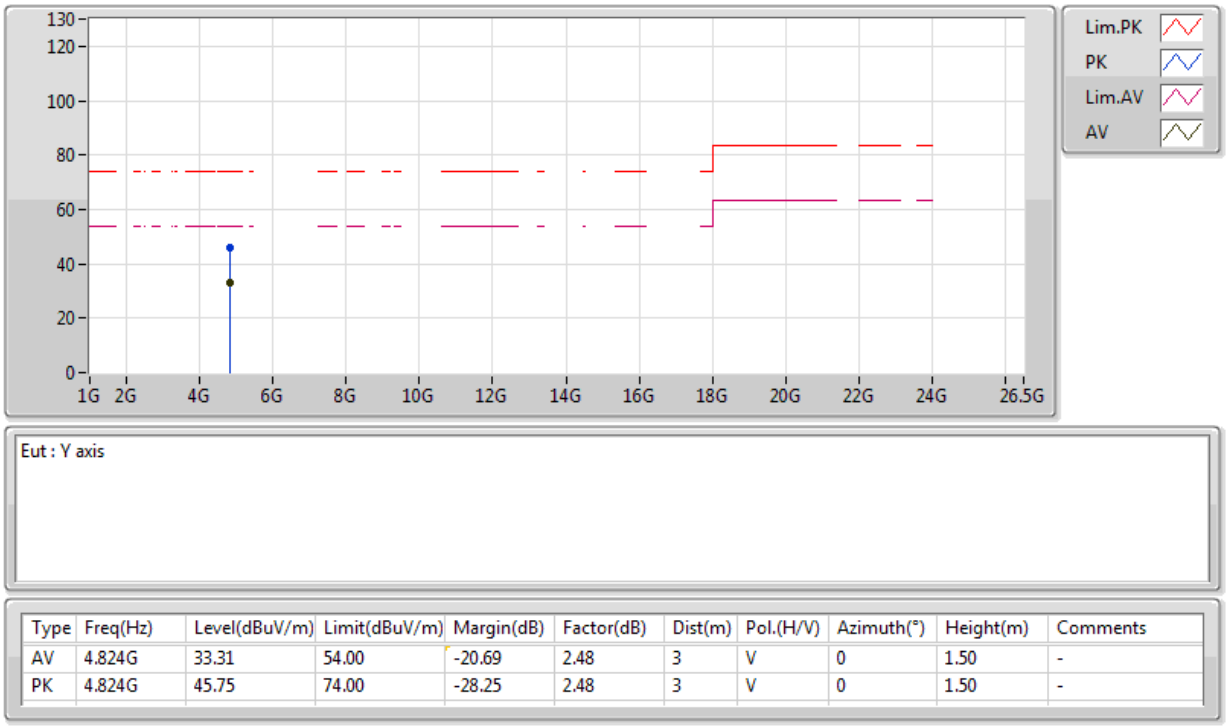


Eut : Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.387G	53.87	54.00	-0.13	31.16	3	H	340	1.92	-
AV	2.4058G	106.13	Inf	-Inf	31.23	3	H	340	1.92	-
PK	2.387G	71.59	74.00	-2.41	31.16	3	H	340	1.92	-
PK	2.4056G	113.49	Inf	-Inf	31.23	3	H	340	1.92	-

802.11g_(6Mbps)_3TX

2412MHz_TX

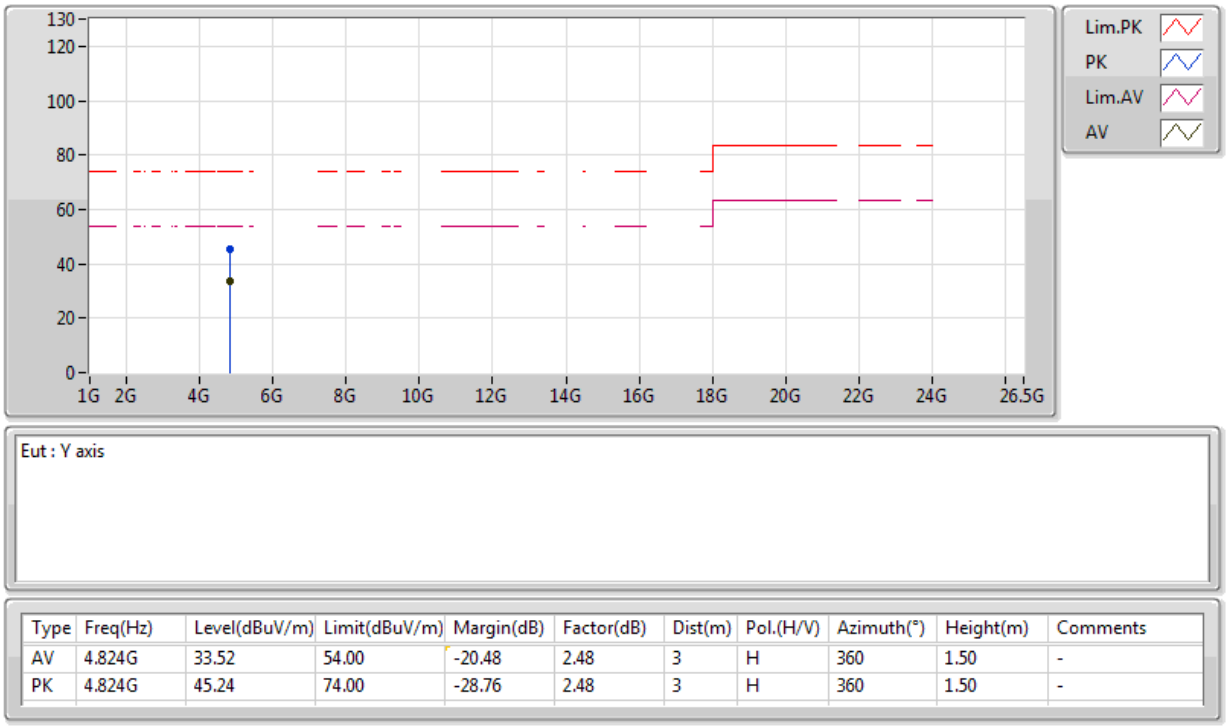


Eut : Y axis

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	33.31	54.00	-20.69	2.48	3	V	0	1.50	-
PK	4.824G	45.75	74.00	-28.25	2.48	3	V	0	1.50	-

802.11g_(6Mbps)_3TX

2412MHz_TX

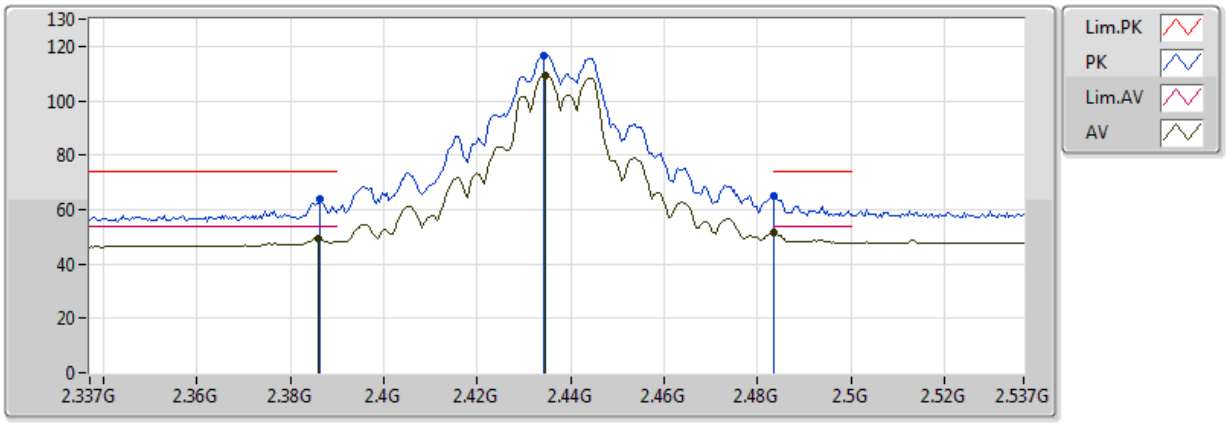


Eut : Y axis

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	33.52	54.00	-20.48	2.48	3	H	360	1.50	-
PK	4.824G	45.24	74.00	-28.76	2.48	3	H	360	1.50	-

802.11g_(6Mbps)_3TX

2437MHz_TX

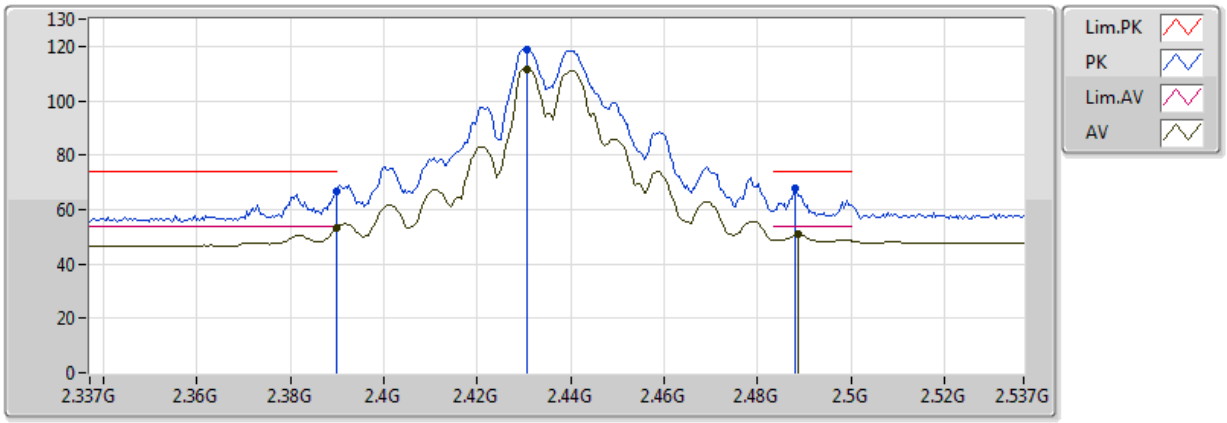


Eut : Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3858G	49.19	54.00	-4.81	31.15	3	V	346	1.49	-
AV	2.4346G	109.13	Inf	-Inf	31.34	3	V	346	1.49	-
AV	2.483502G	51.51	54.00	-2.49	31.53	3	V	346	1.49	-
PK	2.3862G	63.62	74.00	-10.38	31.16	3	V	346	1.49	-
PK	2.4342G	116.64	Inf	-Inf	31.34	3	V	346	1.49	-
PK	2.483502G	65.00	74.00	-9.00	31.53	3	V	346	1.49	-

802.11g_(6Mbps)_3TX

2437MHz_TX

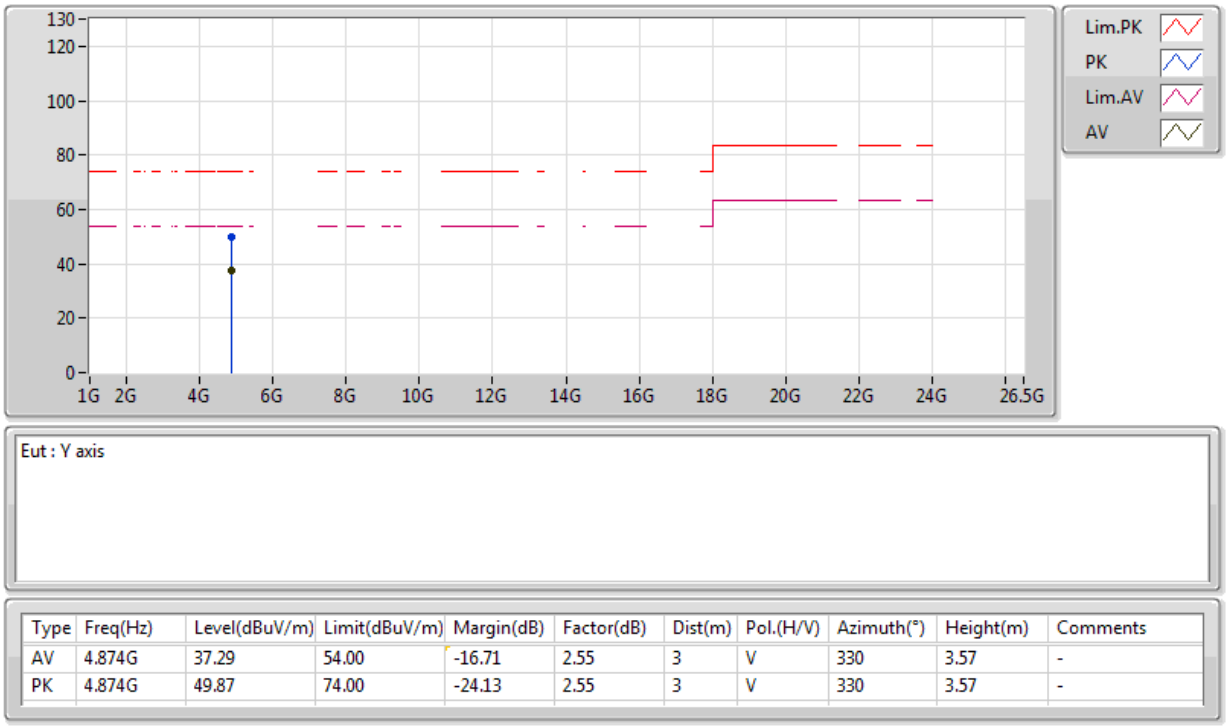


Eut : Y axis

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	53.09	54.00	-0.91	31.17	3	H	334	1.50	-
AV	2.4306G	111.60	Inf	-Inf	31.33	3	H	334	1.50	-
AV	2.4886G	50.89	54.00	-3.11	31.55	3	H	334	1.50	-
PK	2.389998G	66.48	74.00	-7.52	31.17	3	H	334	1.50	-
PK	2.4306G	118.98	Inf	-Inf	31.33	3	H	334	1.50	-
PK	2.4882G	67.78	74.00	-6.22	31.55	3	H	334	1.50	-

802.11g_(6Mbps)_3TX

2437MHz_TX

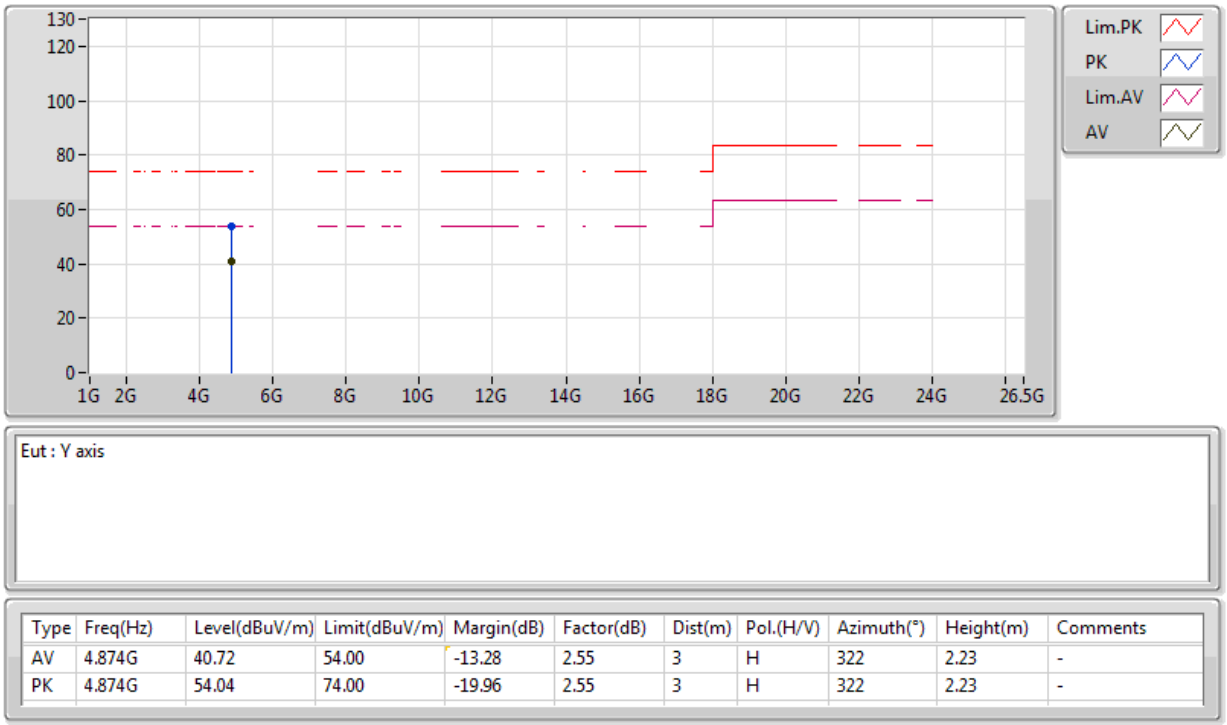


Eut : Y axis

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	37.29	54.00	-16.71	2.55	3	V	330	3.57	-
PK	4.874G	49.87	74.00	-24.13	2.55	3	V	330	3.57	-

802.11g_(6Mbps)_3TX

2437MHz_TX

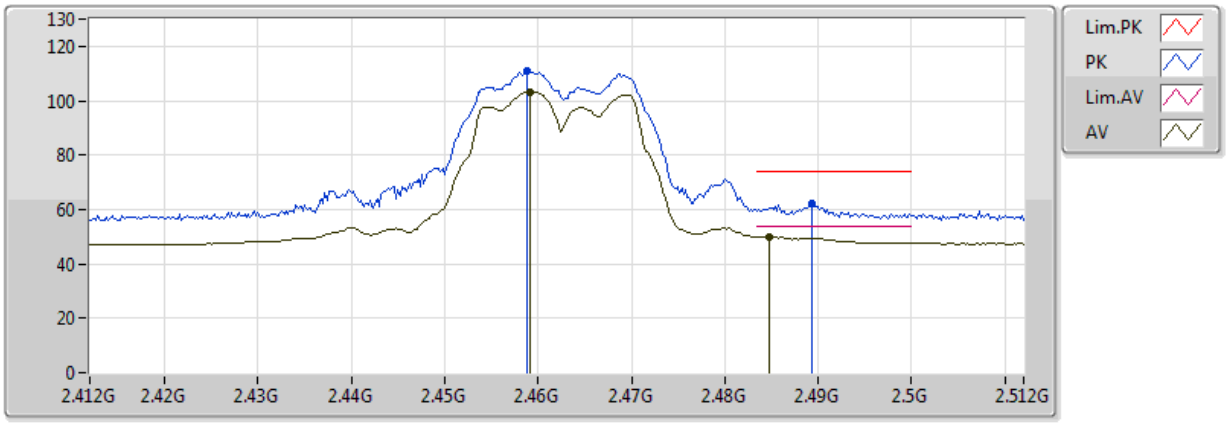


Eut : Y axis

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	40.72	54.00	-13.28	2.55	3	H	322	2.23	-
PK	4.874G	54.04	74.00	-19.96	2.55	3	H	322	2.23	-

802.11g_(6Mbps)_3TX

2462MHz_TX

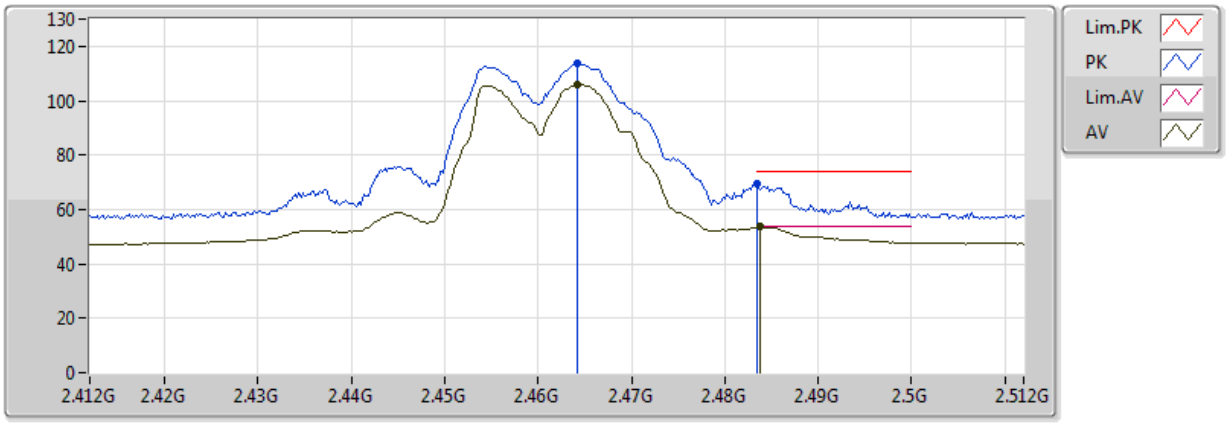


Eut : Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.4592G	103.35	Inf	-Inf	31.43	3	V	345	2.19	-
AV	2.4848G	49.89	54.00	-4.11	31.53	3	V	345	2.19	-
PK	2.4588G	110.71	Inf	-Inf	31.43	3	V	345	2.19	-
PK	2.4894G	61.96	74.00	-12.04	31.55	3	V	345	2.19	-

802.11g_(6Mbps)_3TX

2462MHz_TX

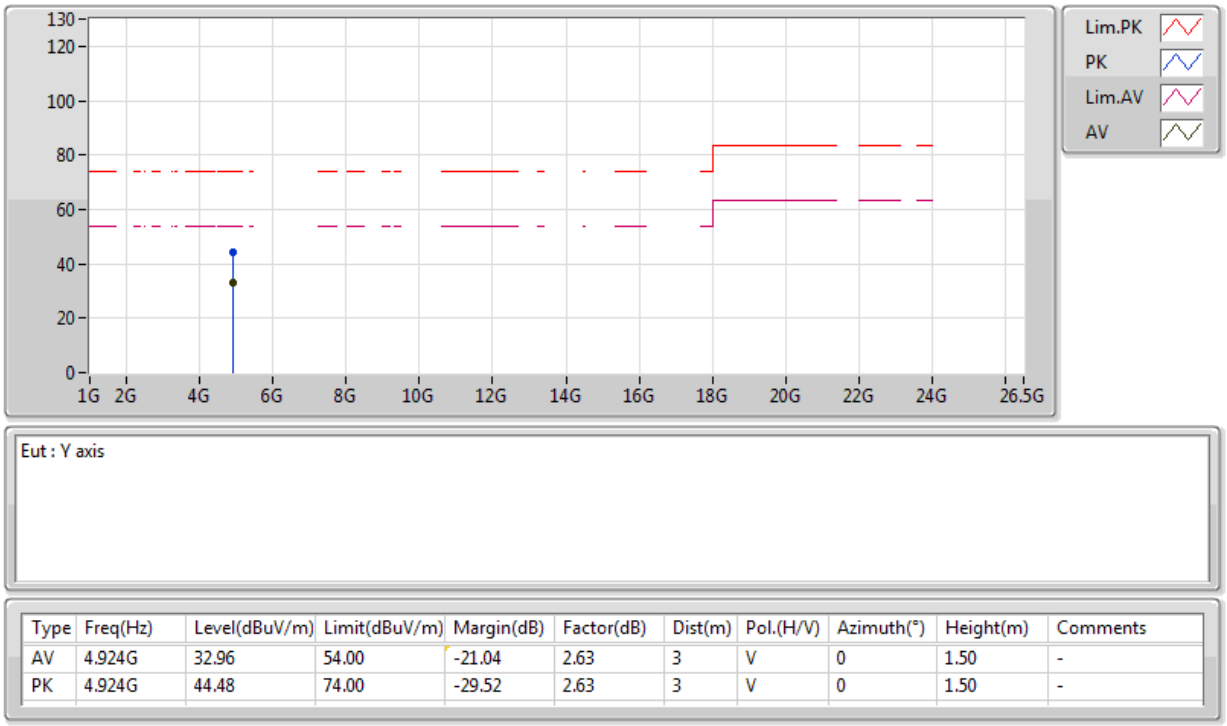


Eut : Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.4642G	105.81	Inf	-Inf	31.45	3	H	321	1.50	-
AV	2.4838G	53.70	54.00	-0.30	31.53	3	H	321	1.50	-
PK	2.4642G	113.99	Inf	-Inf	31.45	3	H	321	1.50	-
PK	2.483502G	69.27	74.00	-4.73	31.53	3	H	321	1.50	-

802.11g_(6Mbps)_3TX

2462MHz_TX

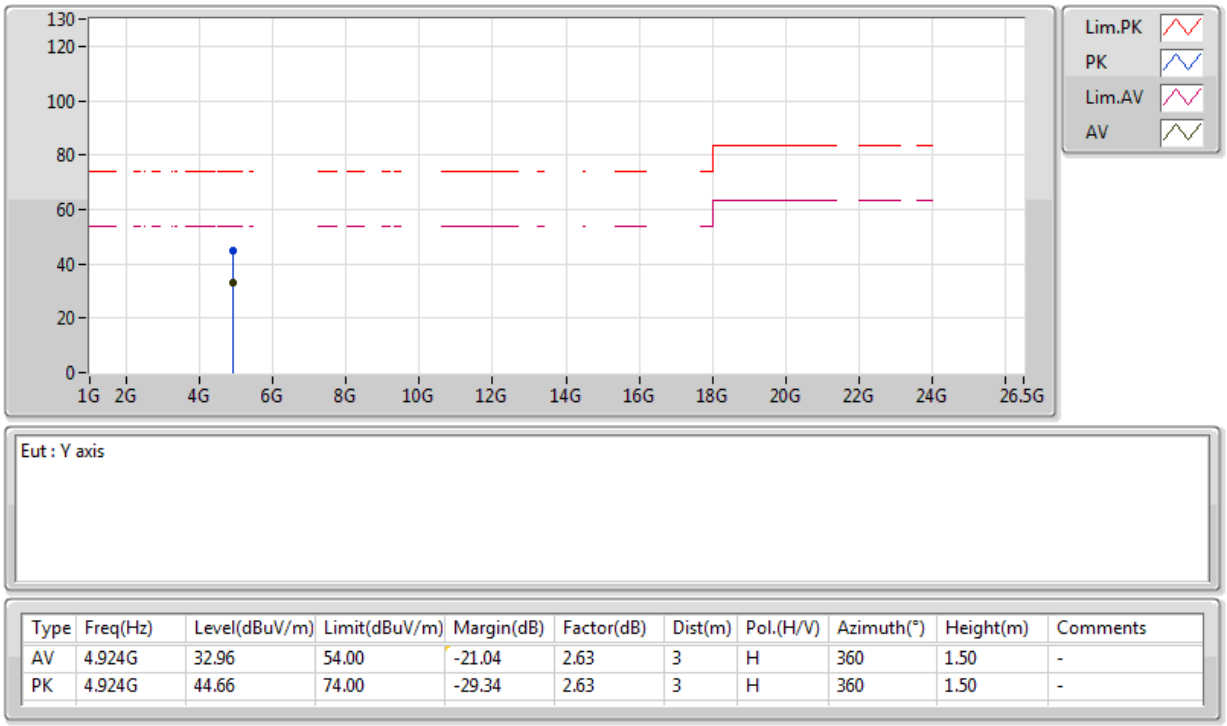


Eut : Y axis

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	32.96	54.00	-21.04	2.63	3	V	0	1.50	-
PK	4.924G	44.48	74.00	-29.52	2.63	3	V	0	1.50	-

802.11g_(6Mbps)_3TX

2462MHz_TX

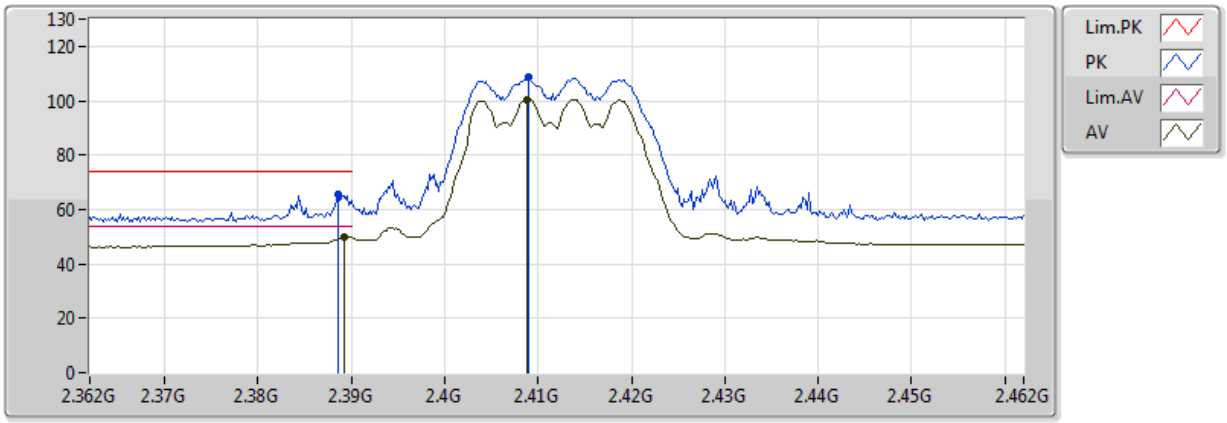


Eut : Y axis

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	32.96	54.00	-21.04	2.63	3	H	360	1.50	-
PK	4.924G	44.66	74.00	-29.34	2.63	3	H	360	1.50	-

802.11n HT20_Nss1,(MCS0)_3TX

2412MHz_TX

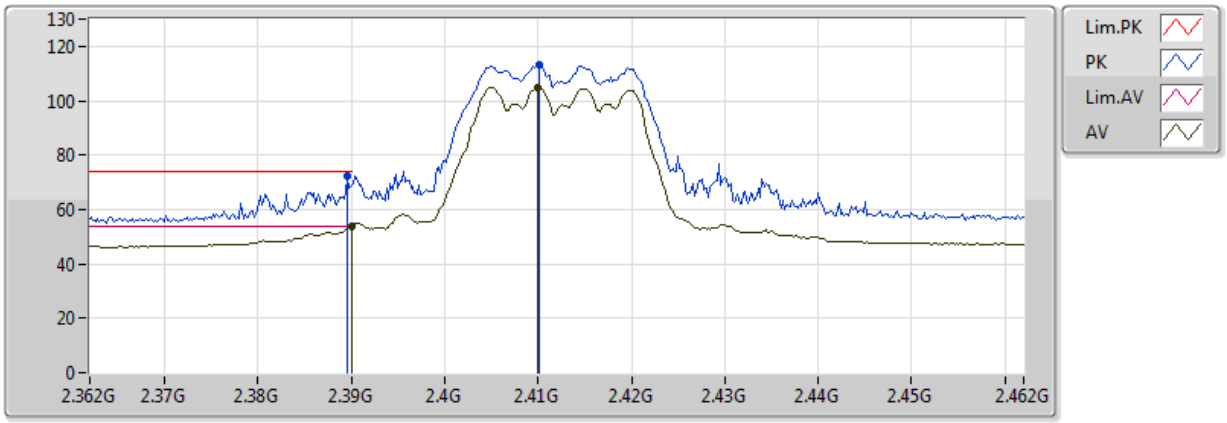


Eut : Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3892G	50.11	54.00	-3.89	31.17	3	V	333	1.50	-
AV	2.4088G	100.49	Inf	-Inf	31.24	3	V	333	1.50	-
PK	2.3886G	65.61	74.00	-8.39	31.17	3	V	333	1.50	-
PK	2.409G	108.52	Inf	-Inf	31.24	3	V	333	1.50	-

802.11n HT20_Nss1,(MCS0)_3TX

2412MHz_TX

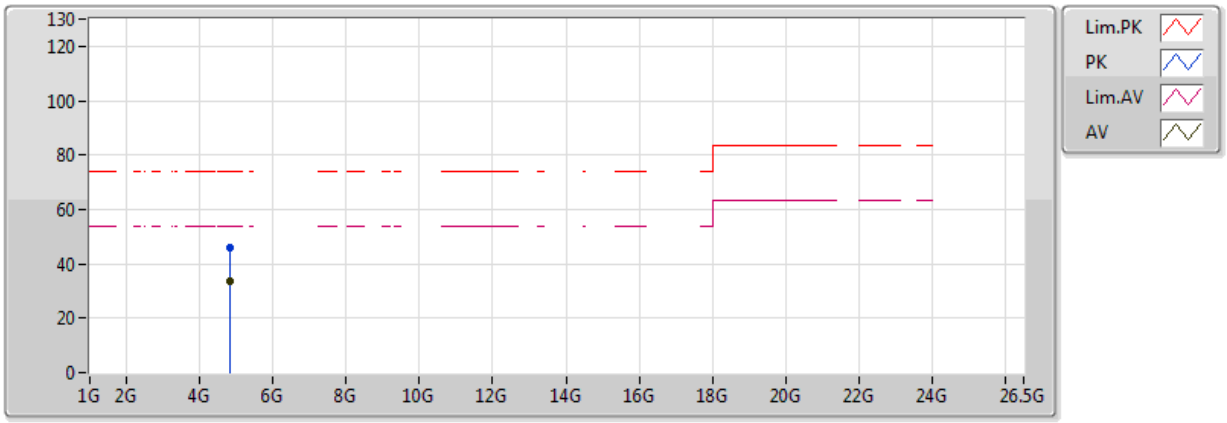


Eut : Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.41G	104.74	Inf	-Inf	31.25	3	H	328	2.22	-
AV	2.39G	53.84	54.00	-0.16	31.17	3	H	328	2.22	-
PK	2.4102G	113.11	Inf	-Inf	31.25	3	H	328	2.22	-
PK	2.3896G	72.32	74.00	-1.68	31.17	3	H	328	2.22	-

802.11n HT20_Nss1,(MCS0)_3TX

2412MHz_TX

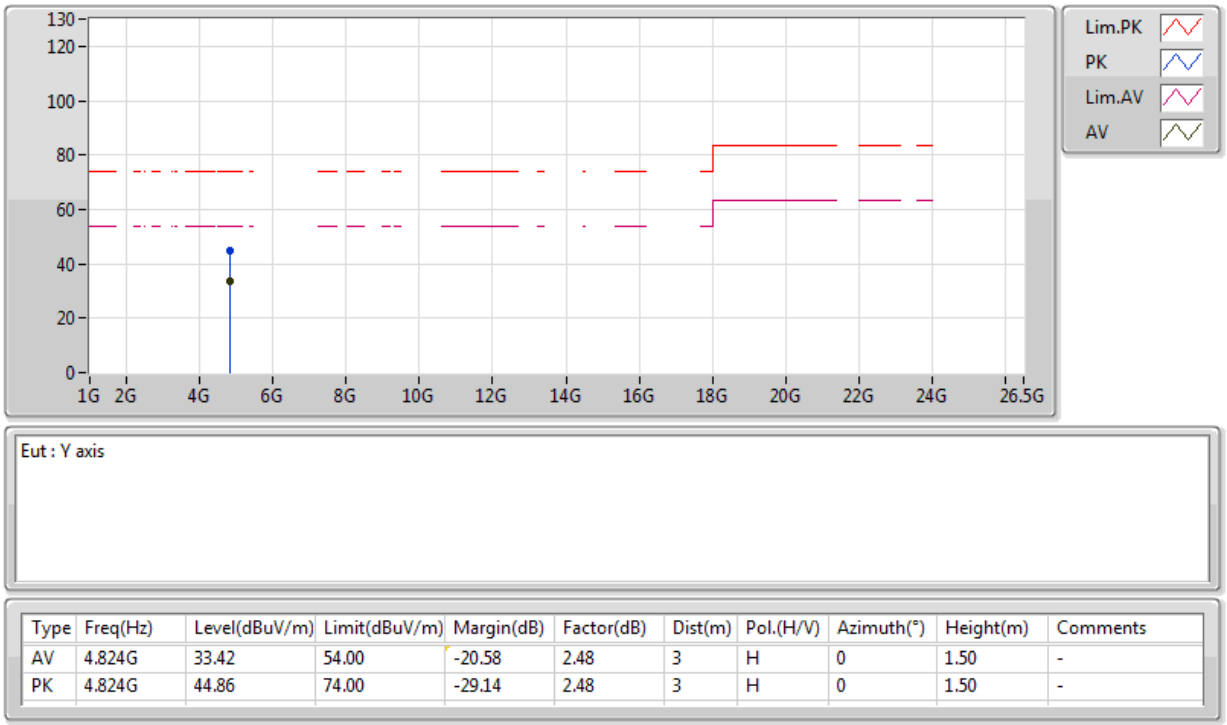


Eut : Y axis

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	33.36	54.00	-20.64	2.48	3	V	360	1.50	-
PK	4.824G	46.03	74.00	-27.97	2.48	3	V	360	1.50	-

802.11n HT20_Nss1,(MCS0)_3TX

2412MHz_TX

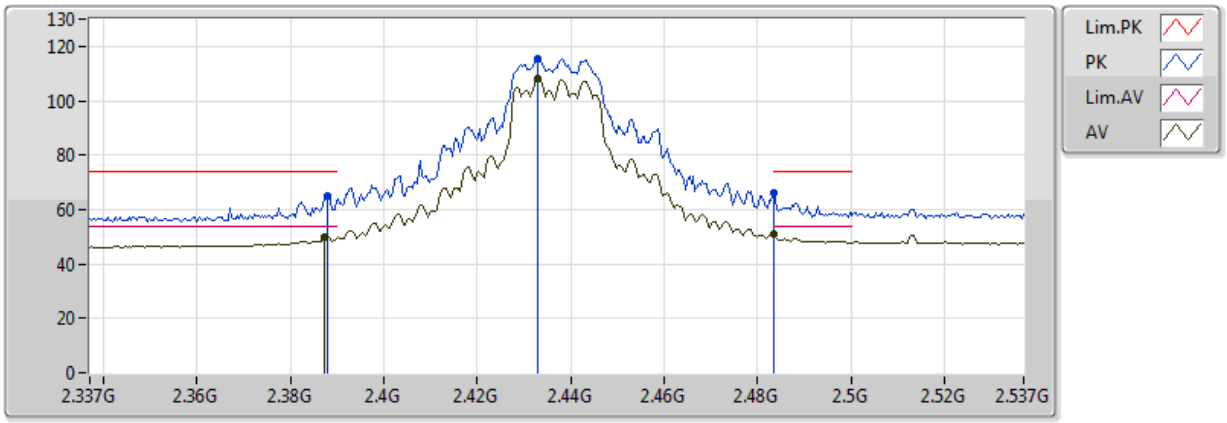


Eut : Y axis

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	33.42	54.00	-20.58	2.48	3	H	0	1.50	-
PK	4.824G	44.86	74.00	-29.14	2.48	3	H	0	1.50	-

802.11n HT20_Nss1,(MCS0)_3TX

2437MHz_TX

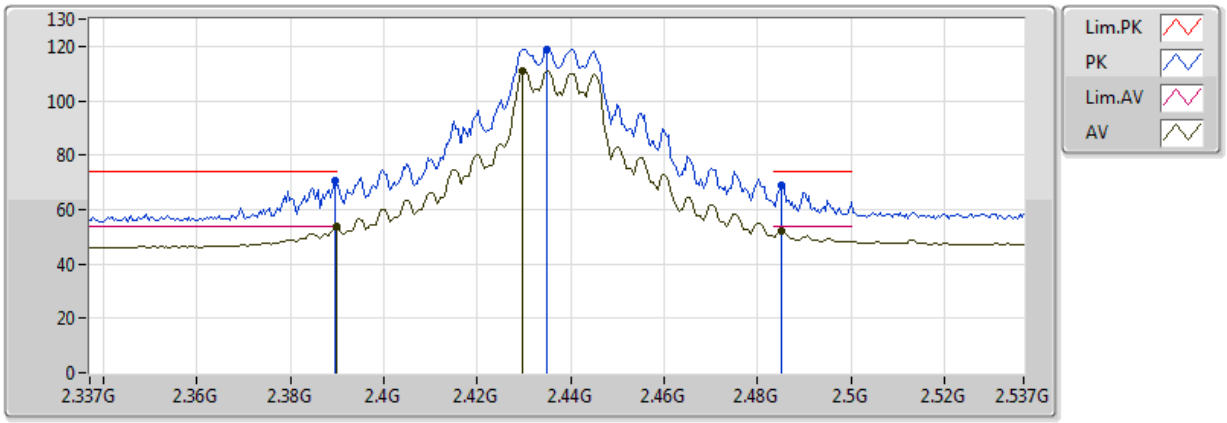


Eut : Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3874G	49.86	54.00	-4.14	31.16	3	V	330	3.50	-
AV	2.433G	108.03	Inf	-Inf	31.34	3	V	330	3.50	-
AV	2.483502G	50.85	54.00	-3.15	31.53	3	V	330	3.50	-
PK	2.3878G	65.17	74.00	-8.83	31.16	3	V	330	3.50	-
PK	2.433G	115.54	Inf	-Inf	31.34	3	V	330	3.50	-
PK	2.483502G	66.12	74.00	-7.88	31.53	3	V	330	3.50	-

802.11n HT20_Nss1,(MCS0)_3TX

2437MHz_TX

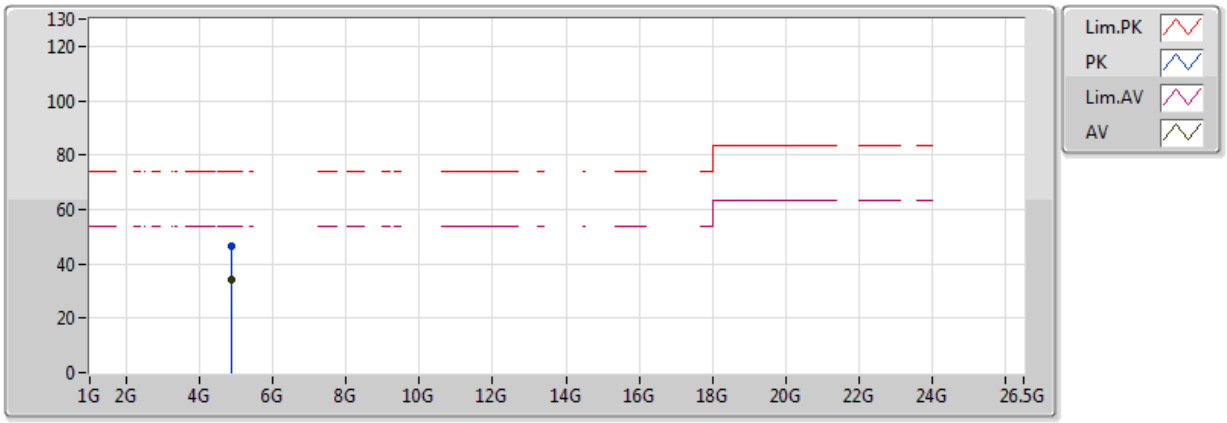


Eut : Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.4298G	110.85	Inf	-Inf	31.32	3	H	325	2.14	-
AV	2.389998G	53.74	54.00	-0.26	31.17	3	H	325	2.14	-
AV	2.485G	52.29	54.00	-1.71	31.53	3	H	325	2.14	-
PK	2.435G	119.06	Inf	-Inf	31.34	3	H	325	2.14	-
PK	2.3894G	70.41	74.00	-3.59	31.17	3	H	325	2.14	-
PK	2.485G	69.12	74.00	-4.88	31.53	3	H	325	2.14	-

802.11n HT20_Nss1,(MCS0)_3TX

2437MHz_TX

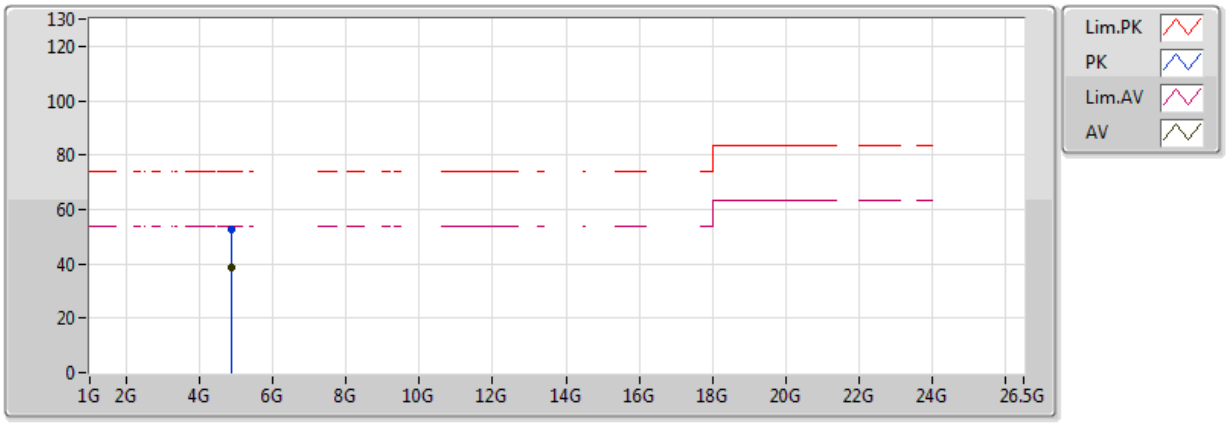


Eut : Y axis

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	34.43	54.00	-19.57	2.55	3	V	0	1.50	-
PK	4.874G	46.24	74.00	-27.76	2.55	3	V	0	1.50	-

802.11n HT20_Nss1,(MCS0)_3TX

2437MHz_TX

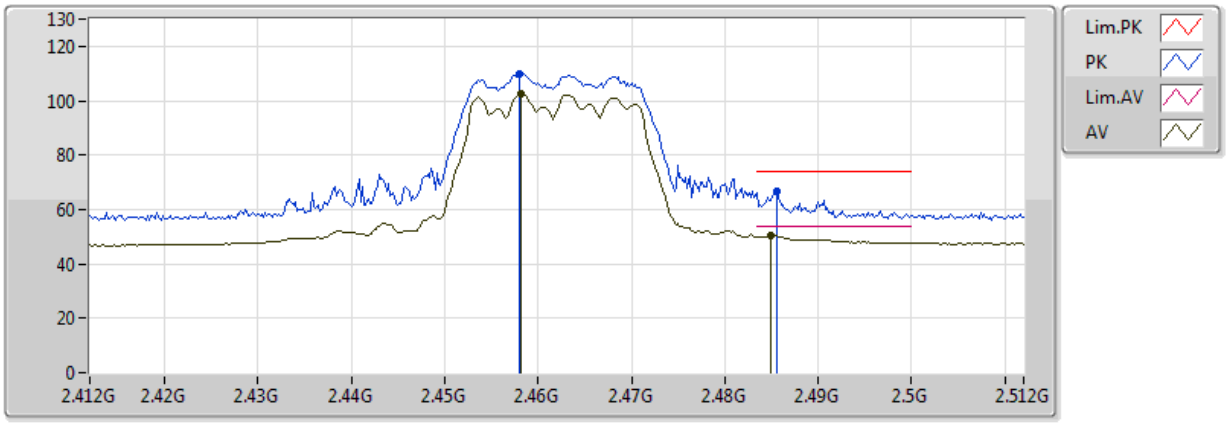


Eut : Y axis

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	38.40	54.00	-15.60	2.55	3	H	328	2.66	-
PK	4.874G	52.54	74.00	-21.46	2.55	3	H	328	2.66	-

802.11n HT20_Nss1,(MCS0)_3TX

2462MHz_TX

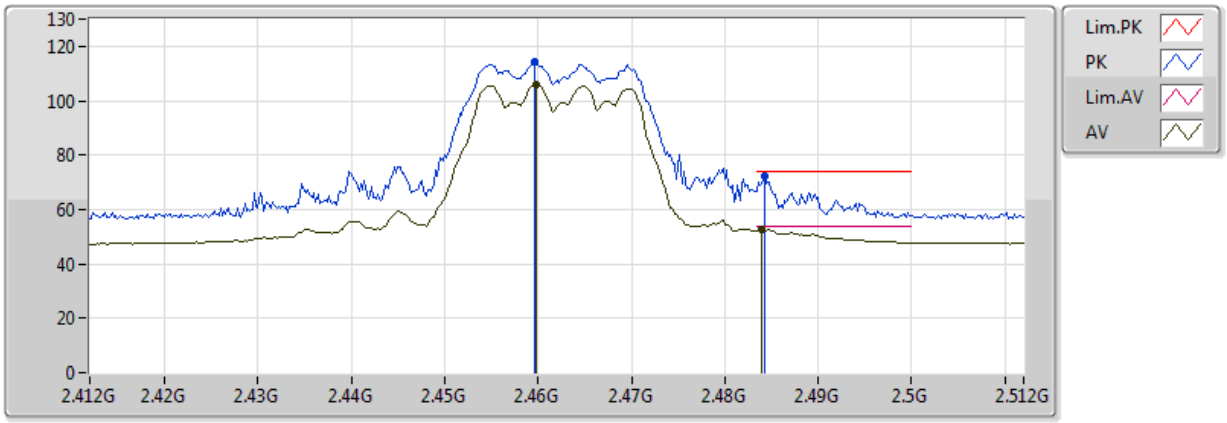


Eut : Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.4582G	102.53	Inf	-Inf	31.43	3	V	329	3.03	-
AV	2.485G	50.66	54.00	-3.34	31.53	3	V	329	3.03	-
PK	2.458G	109.72	Inf	-Inf	31.43	3	V	329	3.03	-
PK	2.4856G	66.71	74.00	-7.29	31.54	3	V	329	3.03	-

802.11n HT20_Nss1,(MCS0)_3TX

2462MHz_TX

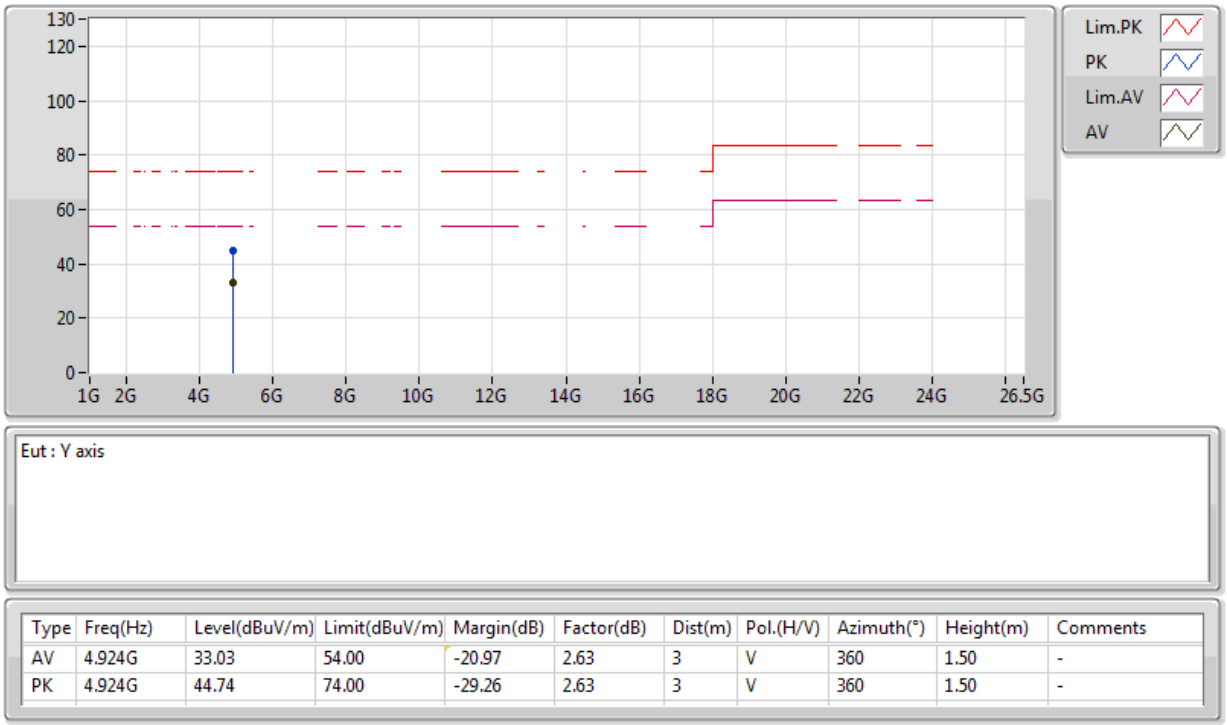


Eut : Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.4598G	105.88	Inf	-Inf	31.44	3	H	318	2.73	-
AV	2.484G	52.79	54.00	-1.21	31.53	3	H	318	2.73	-
PK	2.4596G	114.07	Inf	-Inf	31.44	3	H	318	2.73	-
PK	2.4842G	72.05	74.00	-1.95	31.53	3	H	318	2.73	-

802.11n HT20_Nss1,(MCS0)_3TX

2462MHz_TX

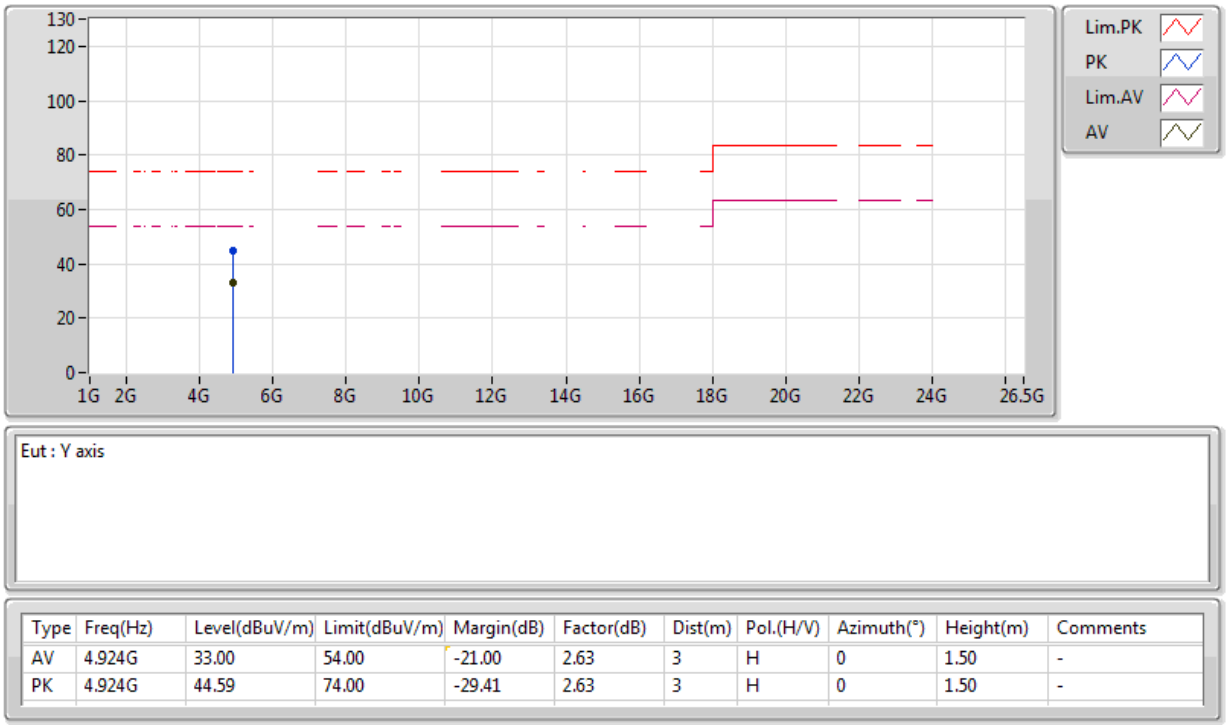


Eut : Y axis

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	33.03	54.00	-20.97	2.63	3	V	360	1.50	-
PK	4.924G	44.74	74.00	-29.26	2.63	3	V	360	1.50	-

802.11n HT20_Nss1,(MCS0)_3TX

2462MHz_TX

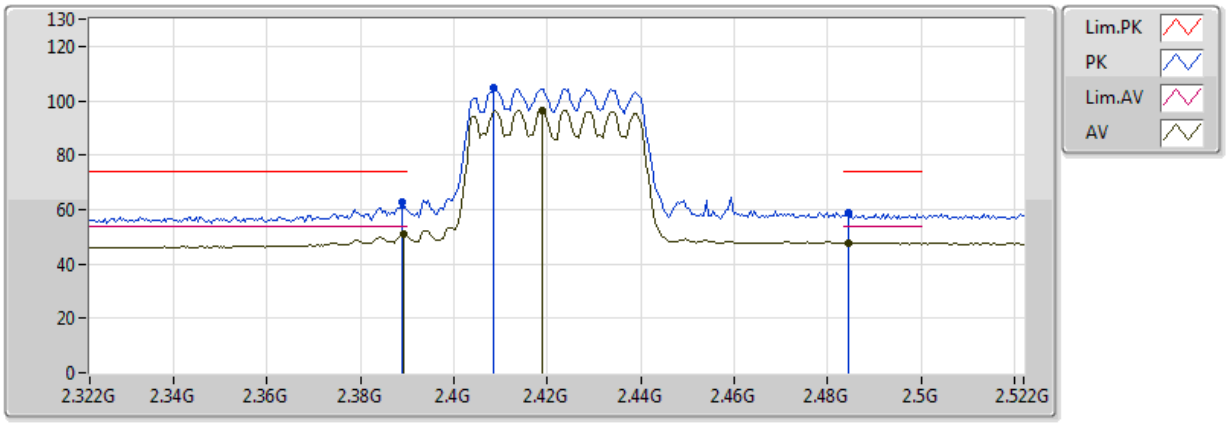


Eut : Y axis

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	33.00	54.00	-21.00	2.63	3	H	0	1.50	-
PK	4.924G	44.59	74.00	-29.41	2.63	3	H	0	1.50	-

802.11n HT40_Nss1,(MCS0)_3TX

2422MHz_TX

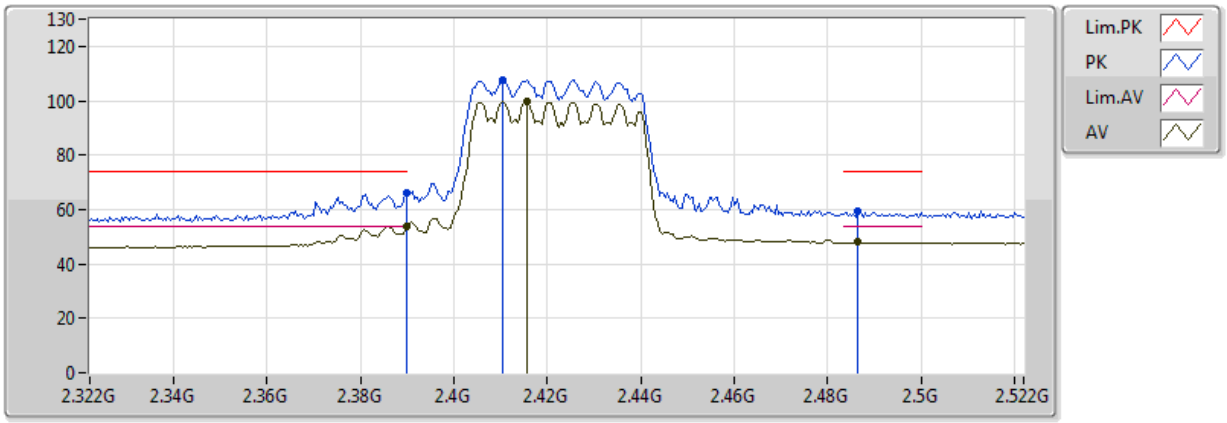


Eut : Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3892G	51.17	54.00	-2.83	31.17	3	V	327	1.50	-
AV	2.4188G	96.49	Inf	-Inf	31.28	3	V	327	1.50	-
AV	2.4844G	47.80	54.00	-6.20	31.53	3	V	327	1.50	-
PK	2.3888G	62.86	74.00	-11.14	31.17	3	V	327	1.50	-
PK	2.4084G	104.51	Inf	-Inf	31.24	3	V	327	1.50	-
PK	2.4844G	58.86	74.00	-15.14	31.53	3	V	327	1.50	-

802.11n HT40_Nss1,(MCS0)_3TX

2422MHz_TX

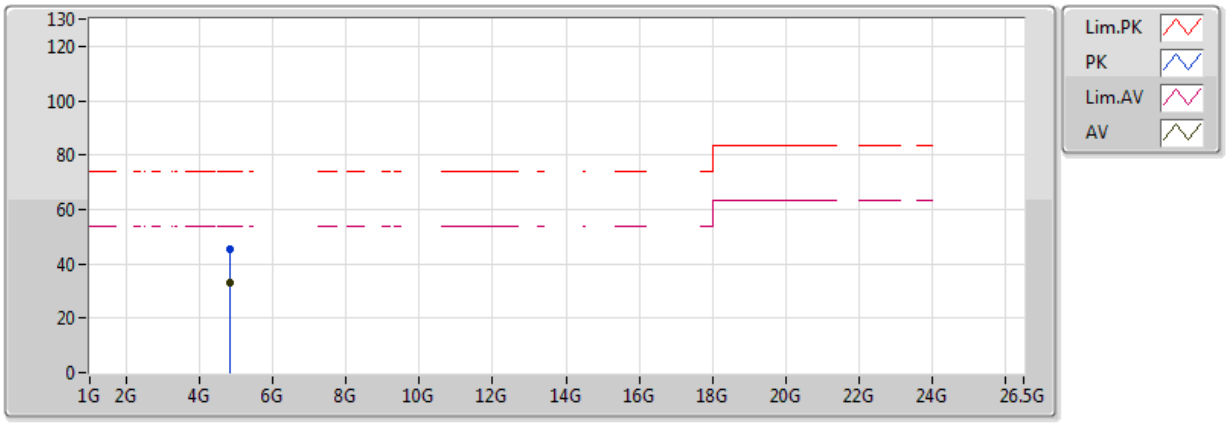


Eut : Y axis

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	53.90	54.00	-0.10	31.17	3	H	334	1.50	-
AV	2.4156G	99.71	Inf	-Inf	31.27	3	H	334	1.50	-
AV	2.4864G	47.92	54.00	-6.08	31.54	3	H	334	1.50	-
PK	2.39G	65.88	74.00	-8.12	31.17	3	H	334	1.50	-
PK	2.4104G	107.84	Inf	-Inf	31.25	3	H	334	1.50	-
PK	2.4864G	59.58	74.00	-14.42	31.54	3	H	334	1.50	-

802.11n HT40_Nss1,(MCS0)_3TX

2422MHz_TX

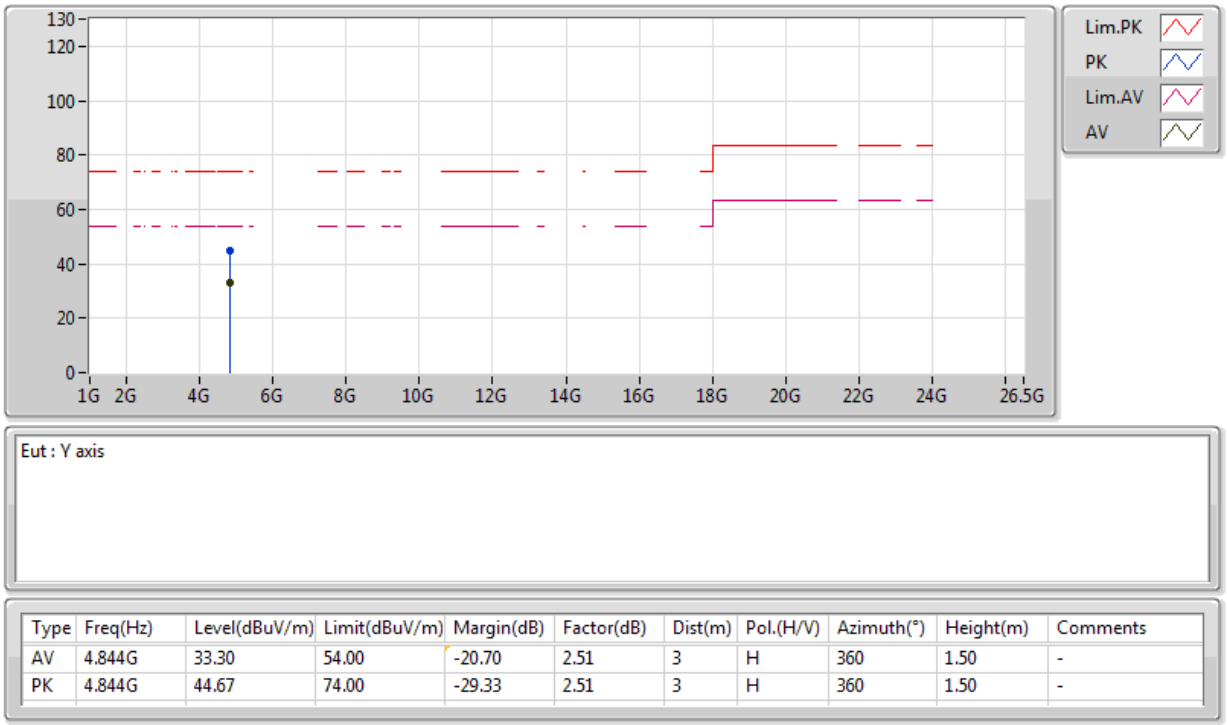


Eut : Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.844G	33.34	54.00	-20.66	2.51	3	V	0	1.50	-
PK	4.844G	45.15	74.00	-28.85	2.51	3	V	0	1.50	-

802.11n HT40_Nss1,(MCS0)_3TX

2422MHz_TX

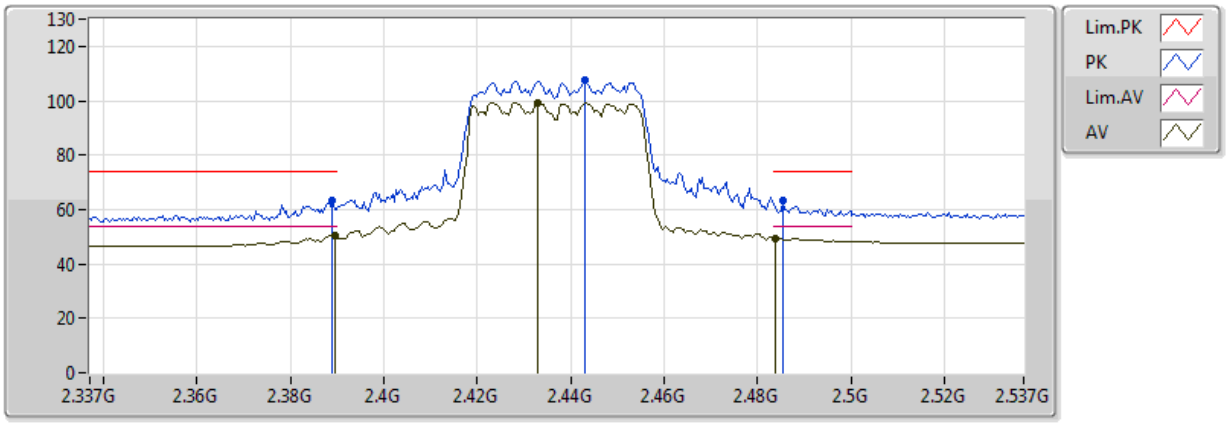


Eut : Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.844G	33.30	54.00	-20.70	2.51	3	H	360	1.50	-
PK	4.844G	44.67	74.00	-29.33	2.51	3	H	360	1.50	-

802.11n HT40_Nss1,(MCS0)_3TX

2437MHz_TX

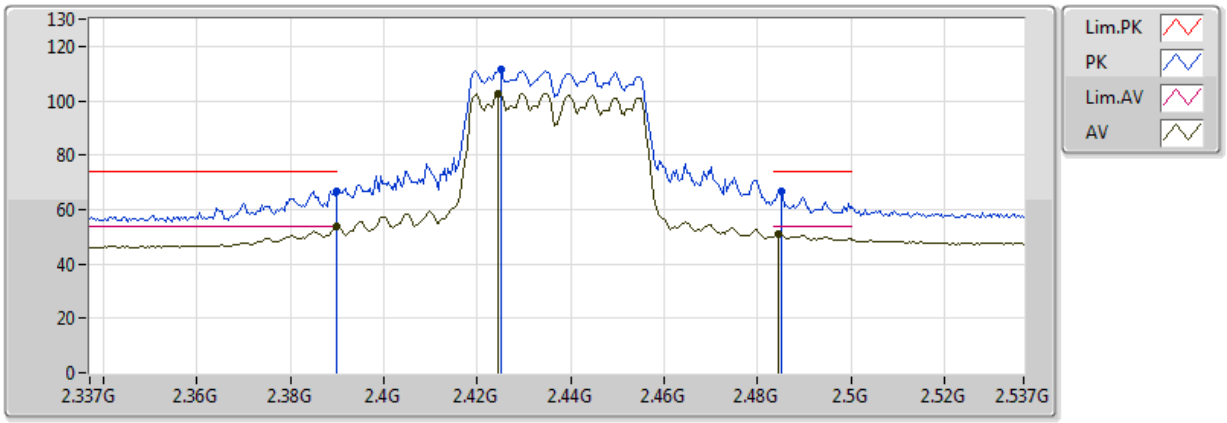


Eut : Y axis

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	50.61	54.00	-3.39	31.17	3	V	330	3.43	-
AV	2.433G	99.43	Inf	-Inf	31.34	3	V	330	3.43	-
AV	2.4838G	49.56	54.00	-4.44	31.53	3	V	330	3.43	-
PK	2.389G	63.51	74.00	-10.49	31.17	3	V	330	3.43	-
PK	2.443G	107.64	Inf	-Inf	31.37	3	V	330	3.43	-
PK	2.4854G	63.19	74.00	-10.81	31.53	3	V	330	3.43	-

802.11n HT40_Nss1,(MCS0)_3TX

2437MHz_TX

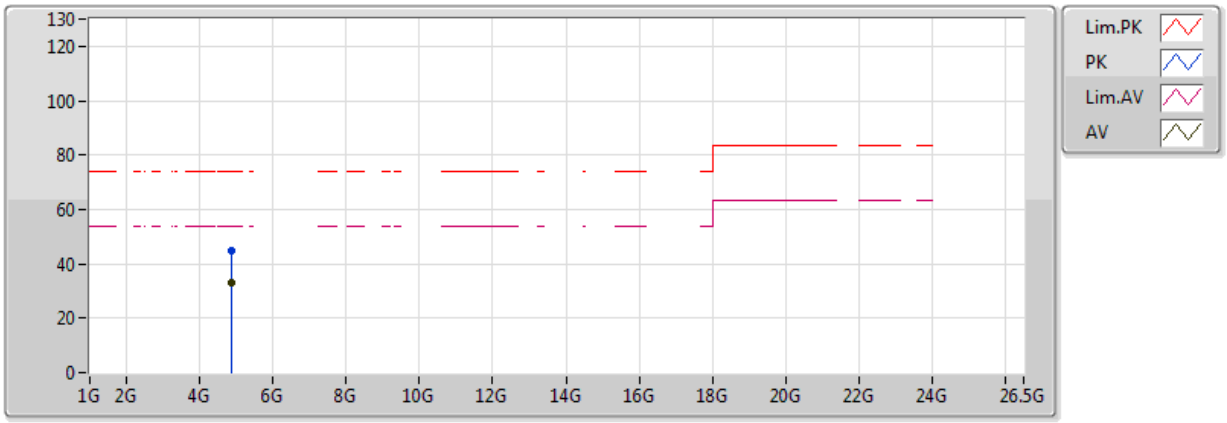


Eut : Y axis

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	53.81	54.00	-0.19	31.17	3	H	315	3.47	-
AV	2.4246G	102.63	Inf	-Inf	31.30	3	H	315	3.47	-
AV	2.4846G	50.89	54.00	-3.11	31.53	3	H	315	3.47	-
PK	2.389998G	66.80	74.00	-7.20	31.17	3	H	315	3.47	-
PK	2.425G	111.42	Inf	-Inf	31.30	3	H	315	3.47	-
PK	2.485G	66.80	74.00	-7.20	31.53	3	H	315	3.47	-

802.11n HT40_Nss1,(MCS0)_3TX

2437MHz_TX

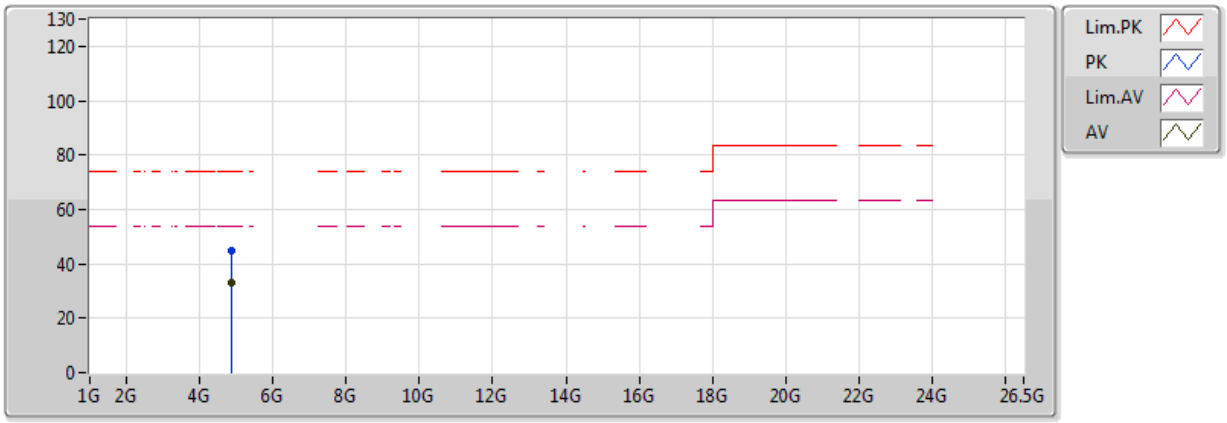


Eut : Y axis

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	32.96	54.00	-21.04	2.55	3	V	360	1.50	-
PK	4.874G	44.77	74.00	-29.23	2.55	3	V	360	1.50	-

802.11n HT40_Nss1,(MCS0)_3TX

2437MHz_TX

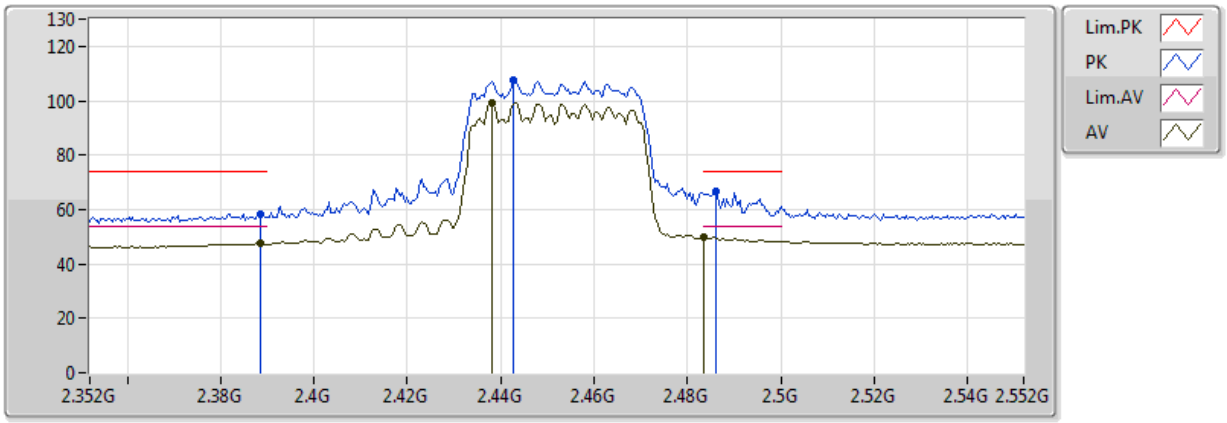


Eut : Y axis

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	2.55	3	H	0	1.50	-
PK	4.874G	44.74	74.00	-29.26	2.55	3	H	0	1.50	-

802.11n HT40_Nss1,(MCS0)_3TX

2452MHz_TX

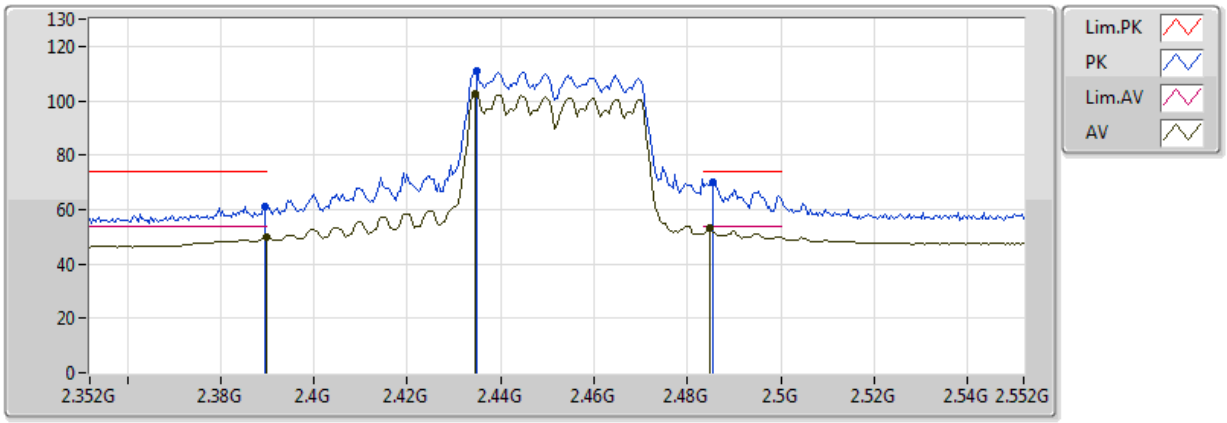


Eut : Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	2.3884G	47.54	54.00	-6.46	31.16	3	V	322	3.43	-
AV	2.438G	99.01	Inf	-Inf	31.35	3	V	322	3.43	-
AV	2.4836G	49.69	54.00	-4.31	31.53	3	V	322	3.43	-
PK	2.3884G	58.21	74.00	-15.79	31.16	3	V	322	3.43	-
PK	2.4428G	107.38	Inf	-Inf	31.37	3	V	322	3.43	-
PK	2.486G	66.75	74.00	-7.25	31.54	3	V	322	3.43	-

802.11n HT40_Nss1,(MCS0)_3TX

2452MHz_TX

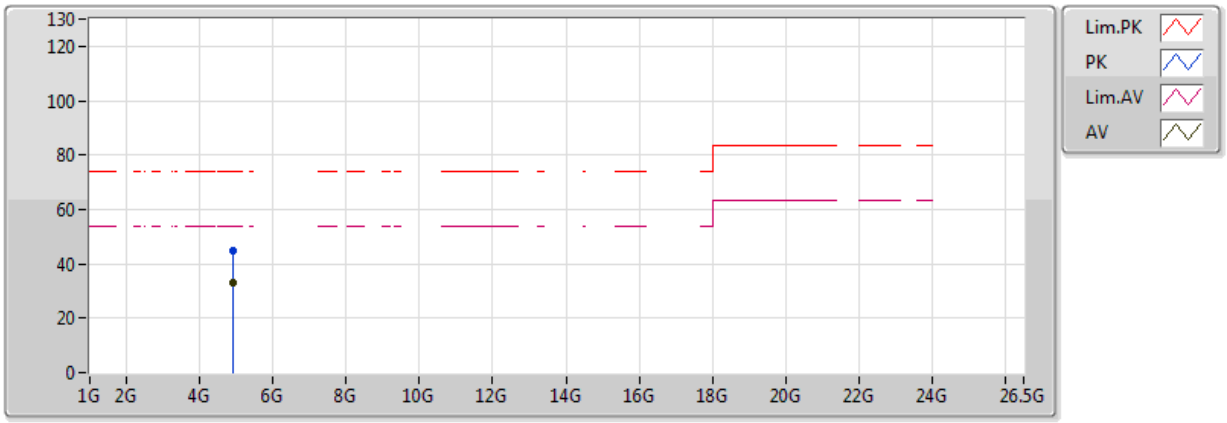


Eut : Y axis

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	49.89	54.00	-4.11	31.17	3	H	311	3.48	-
AV	2.4344G	102.49	Inf	-Inf	31.34	3	H	311	3.48	-
AV	2.4848G	53.35	54.00	-0.65	31.53	3	H	311	3.48	-
PK	2.3896G	61.21	74.00	-12.79	31.17	3	H	311	3.48	-
PK	2.4348G	110.86	Inf	-Inf	31.34	3	H	311	3.48	-
PK	2.4856G	69.87	74.00	-4.13	31.54	3	H	311	3.48	-

802.11n HT40_Nss1,(MCS0)_3TX

2452MHz_TX

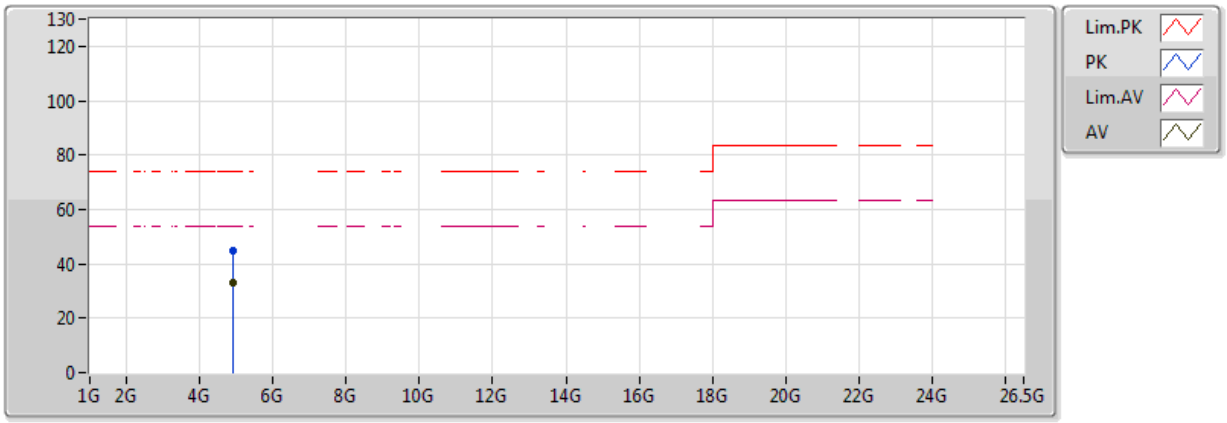


Eut : Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.904G	32.98	54.00	-21.02	2.60	3	V	0	1.50	-
PK	4.904G	44.61	74.00	-29.39	2.60	3	V	0	1.50	-

802.11n HT40_Nss1,(MCS0)_3TX

2452MHz_TX



Eut : Y axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	4.904G	33.05	54.00	-20.95	2.60	3	H	360	1.50	-
PK	4.904G	44.80	74.00	-29.20	2.60	3	H	360	1.50	-

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
2.4-2.4835GHz	Pass	PK	2.4848G	73.87	74.00	-0.13	31.79	3	Vertical	276	1.21	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_(1Mbps)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	4.824G	37.59	54.00	-16.41	2.48	3	Horizontal	250	2.33	-
2412MHz	Pass	PK	4.824G	46.06	74.00	-27.94	2.48	3	Horizontal	250	2.33	-
2412MHz	Pass	AV	2.3882G	53.46	54.00	-0.54	31.44	3	Vertical	34	2.49	-
2412MHz	Pass	AV	2.4112G	113.62	Inf	-Inf	31.52	3	Vertical	34	2.49	-
2412MHz	Pass	AV	4.824G	42.47	54.00	-11.53	2.48	3	Vertical	204	1.05	-
2412MHz	Pass	PK	2.3882G	65.54	74.00	-8.46	31.44	3	Vertical	34	2.49	-
2412MHz	Pass	PK	2.413G	116.26	Inf	-Inf	31.53	3	Vertical	34	2.49	-
2412MHz	Pass	PK	4.824G	49.42	74.00	-24.58	2.48	3	Vertical	204	1.05	-
2437MHz	Pass	AV	4.874G	46.83	54.00	-7.17	2.55	3	Horizontal	355	2.68	-
2437MHz	Pass	AV	7.311G	51.97	54.00	-2.03	8.42	3	Horizontal	304	3.60	-
2437MHz	Pass	PK	4.874G	50.92	74.00	-23.08	2.55	3	Horizontal	355	2.68	-
2437MHz	Pass	PK	7.311G	57.09	74.00	-16.91	8.42	3	Horizontal	304	3.60	-
2437MHz	Pass	AV	2.389998G	48.47	54.00	-5.53	31.17	3	Vertical	32	2.16	-
2437MHz	Pass	AV	2.4386G	112.37	Inf	-Inf	31.36	3	Vertical	32	2.16	-
2437MHz	Pass	AV	2.483502G	51.34	54.00	-2.66	31.53	3	Vertical	32	2.16	-
2437MHz	Pass	AV	4.874G	53.53	54.00	-0.47	2.55	3	Vertical	279	2.25	-
2437MHz	Pass	AV	7.311G	52.05	54.00	-1.95	8.42	3	Vertical	82	1.55	-
2437MHz	Pass	PK	2.3874G	58.37	74.00	-15.63	31.16	3	Vertical	32	2.16	-
2437MHz	Pass	PK	2.437G	116.01	Inf	-Inf	31.35	3	Vertical	32	2.16	-
2437MHz	Pass	PK	2.485G	60.45	74.00	-13.55	31.53	3	Vertical	32	2.16	-
2437MHz	Pass	PK	4.874G	56.14	74.00	-17.86	2.55	3	Vertical	279	2.25	-
2437MHz	Pass	PK	7.311G	57.17	74.00	-16.83	8.42	3	Vertical	82	1.55	-
2462MHz	Pass	AV	4.924G	34.13	54.00	-19.87	2.63	3	Horizontal	166	1.50	-
2462MHz	Pass	AV	7.386G	39.88	54.00	-14.12	8.51	3	Horizontal	229	1.50	-
2462MHz	Pass	PK	4.924G	44.96	74.00	-29.04	2.63	3	Horizontal	166	1.50	-
2462MHz	Pass	PK	7.386G	50.57	74.00	-23.43	8.51	3	Horizontal	229	1.50	-
2462MHz	Pass	AV	2.4612G	113.08	Inf	-Inf	31.70	3	Vertical	339	2.50	-
2462MHz	Pass	AV	2.484G	53.27	54.00	-0.73	31.78	3	Vertical	339	2.50	-
2462MHz	Pass	AV	4.924G	40.66	54.00	-13.34	2.63	3	Vertical	253	2.40	-
2462MHz	Pass	AV	7.386G	45.03	54.00	-8.97	8.51	3	Vertical	284	2.69	-
2462MHz	Pass	PK	2.4612G	115.78	Inf	-Inf	31.70	3	Vertical	339	2.50	-
2462MHz	Pass	PK	2.4848G	66.62	74.00	-7.38	31.79	3	Vertical	339	2.50	-
2462MHz	Pass	PK	4.924G	47.52	74.00	-26.48	2.63	3	Vertical	253	2.40	-
2462MHz	Pass	PK	7.386G	55.69	74.00	-18.31	8.51	3	Vertical	284	2.69	-
802.11g_(6Mbps)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	4.824G	33.42	54.00	-20.58	2.48	3	Horizontal	0	1.50	-
2412MHz	Pass	PK	4.824G	44.98	74.00	-29.02	2.48	3	Horizontal	0	1.50	-
2412MHz	Pass	AV	2.3898G	53.63	54.00	-0.37	31.44	3	Vertical	85	2.51	-
2412MHz	Pass	AV	2.4188G	103.42	Inf	-Inf	31.55	3	Vertical	85	2.51	-
2412MHz	Pass	AV	4.824G	33.82	54.00	-20.18	2.48	3	Vertical	360	1.50	-
2412MHz	Pass	PK	2.3872G	73.26	74.00	-0.74	31.44	3	Vertical	85	2.51	-
2412MHz	Pass	PK	2.4186G	114.00	Inf	-Inf	31.55	3	Vertical	85	2.51	-
2412MHz	Pass	PK	4.824G	45.32	74.00	-28.68	2.48	3	Vertical	360	1.50	-
2437MHz	Pass	AV	4.874G	33.83	54.00	-20.17	2.55	3	Horizontal	360	1.50	-
2437MHz	Pass	AV	7.311G	40.50	54.00	-13.50	8.42	3	Horizontal	360	1.50	-
2437MHz	Pass	PK	4.874G	44.65	74.00	-29.35	2.55	3	Horizontal	360	1.50	-
2437MHz	Pass	PK	7.311G	50.92	74.00	-23.08	8.42	3	Horizontal	360	1.50	-
2437MHz	Pass	AV	2.389998G	53.39	54.00	-0.61	31.44	3	Vertical	272	1.01	-

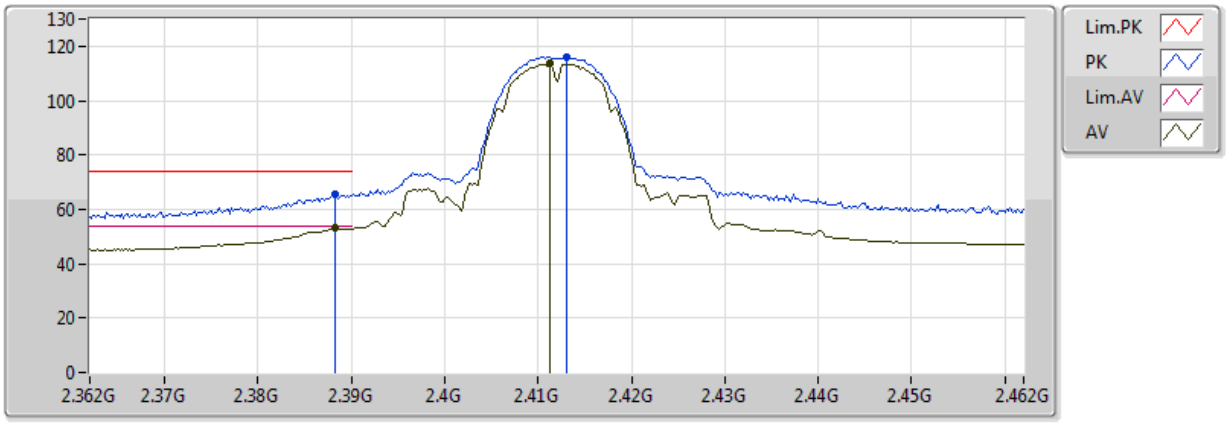
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	AV	2.4298G	109.46	Inf	-Inf	31.59	3	Vertical	272	1.01	-
2437MHz	Pass	AV	2.487G	50.86	54.00	-3.14	31.79	3	Vertical	272	1.01	-
2437MHz	Pass	AV	4.874G	39.56	54.00	-14.44	2.55	3	Vertical	342	1.00	-
2437MHz	Pass	AV	7.311G	47.38	54.00	-6.62	8.42	3	Vertical	293	2.63	-
2437MHz	Pass	PK	2.389G	71.77	74.00	-2.23	31.44	3	Vertical	272	1.01	-
2437MHz	Pass	PK	2.4298G	119.70	Inf	-Inf	31.59	3	Vertical	272	1.01	-
2437MHz	Pass	PK	2.489G	69.50	74.00	-4.50	31.80	3	Vertical	272	1.01	-
2437MHz	Pass	PK	4.874G	51.41	74.00	-22.59	2.55	3	Vertical	342	1.00	-
2437MHz	Pass	PK	7.311G	61.02	74.00	-12.98	8.42	3	Vertical	293	2.63	-
2462MHz	Pass	AV	4.924G	33.35	54.00	-20.65	2.63	3	Horizontal	360	1.50	-
2462MHz	Pass	AV	7.386G	38.91	54.00	-15.09	8.51	3	Horizontal	360	1.50	-
2462MHz	Pass	PK	4.924G	45.23	74.00	-28.77	2.63	3	Horizontal	360	1.50	-
2462MHz	Pass	PK	7.386G	50.68	74.00	-23.32	8.51	3	Horizontal	360	1.50	-
2462MHz	Pass	AV	2.4688G	104.17	Inf	-Inf	31.73	3	Vertical	79	2.51	-
2462MHz	Pass	AV	2.483502G	53.32	54.00	-0.68	31.78	3	Vertical	79	2.51	-
2462MHz	Pass	AV	4.924G	33.66	54.00	-20.34	2.63	3	Vertical	0	1.50	-
2462MHz	Pass	AV	7.386G	40.35	54.00	-13.65	8.51	3	Vertical	0	1.50	-
2462MHz	Pass	PK	2.4578G	114.76	Inf	-Inf	31.69	3	Vertical	79	2.51	-
2462MHz	Pass	PK	2.4836G	70.92	74.00	-3.08	31.78	3	Vertical	79	2.51	-
2462MHz	Pass	PK	4.924G	44.63	74.00	-29.37	2.63	3	Vertical	0	1.50	-
2462MHz	Pass	PK	7.386G	50.32	74.00	-23.68	8.51	3	Vertical	0	1.50	-
802.11n HT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	4.824G	33.16	54.00	-20.84	2.48	3	Horizontal	360	1.50	-
2412MHz	Pass	PK	4.824G	44.64	74.00	-29.36	2.48	3	Horizontal	360	1.50	-
2412MHz	Pass	AV	2.3896G	53.70	54.00	-0.30	31.44	3	Vertical	277	1.40	-
2412MHz	Pass	AV	2.4152G	101.77	Inf	-Inf	31.53	3	Vertical	277	1.40	-
2412MHz	Pass	AV	4.824G	33.58	54.00	-20.42	2.48	3	Vertical	0	1.50	-
2412MHz	Pass	PK	2.3896G	72.73	74.00	-1.27	31.44	3	Vertical	277	1.40	-
2412MHz	Pass	PK	2.415G	111.87	Inf	-Inf	31.53	3	Vertical	277	1.40	-
2412MHz	Pass	PK	4.824G	44.94	74.00	-29.06	2.48	3	Vertical	0	1.50	-
2437MHz	Pass	AV	4.874G	33.67	54.00	-20.33	2.55	3	Horizontal	0	1.50	-
2437MHz	Pass	AV	7.311G	39.64	54.00	-14.36	8.42	3	Horizontal	0	1.50	-
2437MHz	Pass	PK	4.874G	44.55	74.00	-29.45	2.55	3	Horizontal	0	1.50	-
2437MHz	Pass	PK	7.311G	50.97	74.00	-23.03	8.42	3	Horizontal	0	1.50	-
2437MHz	Pass	AV	2.389998G	53.50	54.00	-0.50	31.44	3	Vertical	278	1.10	-
2437MHz	Pass	AV	2.435G	108.90	Inf	-Inf	31.61	3	Vertical	278	1.10	-
2437MHz	Pass	AV	2.485G	51.11	54.00	-2.89	31.79	3	Vertical	278	1.10	-
2437MHz	Pass	AV	4.874G	36.08	54.00	-17.92	2.55	3	Vertical	360	1.50	-
2437MHz	Pass	AV	7.311G	45.41	54.00	-8.59	8.42	3	Vertical	115	2.52	-
2437MHz	Pass	PK	2.389998G	71.70	74.00	-2.30	31.44	3	Vertical	278	1.10	-
2437MHz	Pass	PK	2.435G	118.93	Inf	-Inf	31.61	3	Vertical	278	1.10	-
2437MHz	Pass	PK	2.4902G	67.84	74.00	-6.16	31.80	3	Vertical	278	1.10	-
2437MHz	Pass	PK	4.874G	47.56	74.00	-26.44	2.55	3	Vertical	360	1.50	-
2437MHz	Pass	PK	7.311G	57.42	74.00	-16.58	8.42	3	Vertical	115	2.52	-
2462MHz	Pass	AV	4.924G	33.27	54.00	-20.73	2.63	3	Horizontal	360	1.50	-
2462MHz	Pass	AV	7.386G	38.85	54.00	-15.15	8.51	3	Horizontal	360	1.50	-
2462MHz	Pass	PK	4.924G	45.82	74.00	-28.18	2.63	3	Horizontal	360	1.50	-
2462MHz	Pass	PK	7.386G	50.26	74.00	-23.74	8.51	3	Horizontal	360	1.50	-
2462MHz	Pass	AV	2.455G	101.81	Inf	-Inf	31.68	3	Vertical	272	1.02	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	AV	2.4852G	51.84	54.00	-2.16	31.79	3	Vertical	272	1.02	-
2462MHz	Pass	AV	4.924G	33.46	54.00	-20.54	2.63	3	Vertical	0	1.50	-
2462MHz	Pass	AV	7.386G	39.93	54.00	-14.07	8.51	3	Vertical	0	1.50	-
2462MHz	Pass	PK	2.4546G	112.31	Inf	-Inf	31.68	3	Vertical	272	1.02	-
2462MHz	Pass	PK	2.4848G	73.76	74.00	-0.24	31.79	3	Vertical	272	1.02	-
2462MHz	Pass	PK	4.924G	44.93	74.00	-29.07	2.63	3	Vertical	0	1.50	-
2462MHz	Pass	PK	7.386G	50.39	74.00	-23.61	8.51	3	Vertical	0	1.50	-
802.11n HT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	4.844G	33.36	54.00	-20.64	2.51	3	Horizontal	360	1.50	-
2422MHz	Pass	AV	7.266G	38.98	54.00	-15.02	8.36	3	Horizontal	360	1.50	-
2422MHz	Pass	PK	4.844G	45.25	74.00	-28.75	2.51	3	Horizontal	360	1.50	-
2422MHz	Pass	PK	7.266G	50.36	74.00	-23.64	8.36	3	Horizontal	360	1.50	-
2422MHz	Pass	AV	2.39G	53.57	54.00	-0.43	31.45	3	Vertical	267	1.21	-
2422MHz	Pass	AV	2.42G	95.59	Inf	-Inf	31.55	3	Vertical	267	1.21	-
2422MHz	Pass	AV	2.4856G	47.22	54.00	-6.78	31.79	3	Vertical	267	1.21	-
2422MHz	Pass	AV	4.844G	33.46	54.00	-20.54	2.51	3	Vertical	0	1.50	-
2422MHz	Pass	AV	7.266G	39.69	54.00	-14.31	8.36	3	Vertical	0	1.50	-
2422MHz	Pass	PK	2.388G	67.18	74.00	-6.82	31.44	3	Vertical	267	1.21	-
2422MHz	Pass	PK	2.4196G	107.78	Inf	-Inf	31.55	3	Vertical	267	1.21	-
2422MHz	Pass	PK	2.486G	60.08	74.00	-13.92	31.79	3	Vertical	267	1.21	-
2422MHz	Pass	PK	4.844G	45.06	74.00	-28.94	2.51	3	Vertical	0	1.50	-
2422MHz	Pass	PK	7.266G	51.06	74.00	-22.94	8.36	3	Vertical	0	1.50	-
2437MHz	Pass	AV	4.874G	33.11	54.00	-20.89	2.55	3	Horizontal	0	1.50	-
2437MHz	Pass	AV	7.311G	38.95	54.00	-15.05	8.42	3	Horizontal	0	1.50	-
2437MHz	Pass	PK	4.874G	44.94	74.00	-29.06	2.55	3	Horizontal	0	1.50	-
2437MHz	Pass	PK	7.311G	50.24	74.00	-23.76	8.42	3	Horizontal	0	1.50	-
2437MHz	Pass	AV	2.389998G	53.37	54.00	-0.63	31.44	3	Vertical	276	1.26	-
2437MHz	Pass	AV	2.425G	98.43	Inf	-Inf	31.57	3	Vertical	276	1.26	-
2437MHz	Pass	AV	2.4846G	50.20	54.00	-3.80	31.78	3	Vertical	276	1.26	-
2437MHz	Pass	AV	4.874G	33.75	54.00	-20.25	2.55	3	Vertical	360	1.50	-
2437MHz	Pass	AV	7.311G	40.02	54.00	-13.98	8.42	3	Vertical	360	1.50	-
2437MHz	Pass	PK	2.389998G	70.31	74.00	-3.69	31.44	3	Vertical	276	1.26	-
2437MHz	Pass	PK	2.425G	111.39	Inf	-Inf	31.57	3	Vertical	276	1.26	-
2437MHz	Pass	PK	2.485G	70.35	74.00	-3.65	31.79	3	Vertical	276	1.26	-
2437MHz	Pass	PK	4.874G	46.75	74.00	-27.25	2.55	3	Vertical	360	1.50	-
2437MHz	Pass	PK	7.311G	50.92	74.00	-23.08	8.42	3	Vertical	360	1.50	-
2452MHz	Pass	AV	2.39G	49.75	54.00	-4.25	31.45	3	Vertical	276	1.21	-
2452MHz	Pass	AV	2.4452G	98.38	Inf	-Inf	31.64	3	Vertical	276	1.21	-
2452MHz	Pass	AV	2.4852G	52.51	54.00	-1.49	31.79	3	Vertical	276	1.21	-
2452MHz	Pass	AV	4.904G	33.25	54.00	-20.75	2.60	3	Vertical	360	1.50	-
2452MHz	Pass	AV	4.904G	33.21	54.00	-20.79	2.60	3	Vertical	0	1.50	-
2452MHz	Pass	AV	7.356G	40.07	54.00	-13.93	8.48	3	Vertical	360	1.50	-
2452MHz	Pass	AV	7.356G	38.97	54.00	-15.03	8.48	3	Vertical	0	1.50	-
2452MHz	Pass	PK	2.3896G	65.79	74.00	-8.21	31.44	3	Vertical	276	1.21	-
2452MHz	Pass	PK	2.4452G	110.58	Inf	-Inf	31.64	3	Vertical	276	1.21	-
2452MHz	Pass	PK	2.4848G	73.87	74.00	-0.13	31.79	3	Vertical	276	1.21	-
2452MHz	Pass	PK	4.904G	44.91	74.00	-29.09	2.60	3	Vertical	360	1.50	-
2452MHz	Pass	PK	4.904G	44.96	74.00	-29.04	2.60	3	Vertical	0	1.50	-
2452MHz	Pass	PK	7.356G	51.48	74.00	-22.52	8.48	3	Vertical	360	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2452MHz	Pass	PK	7.356G	50.60	74.00	-23.40	8.48	3	Vertical	0	1.50	-

802.11b_(1Mbps)_3TX

2412MHz_TX

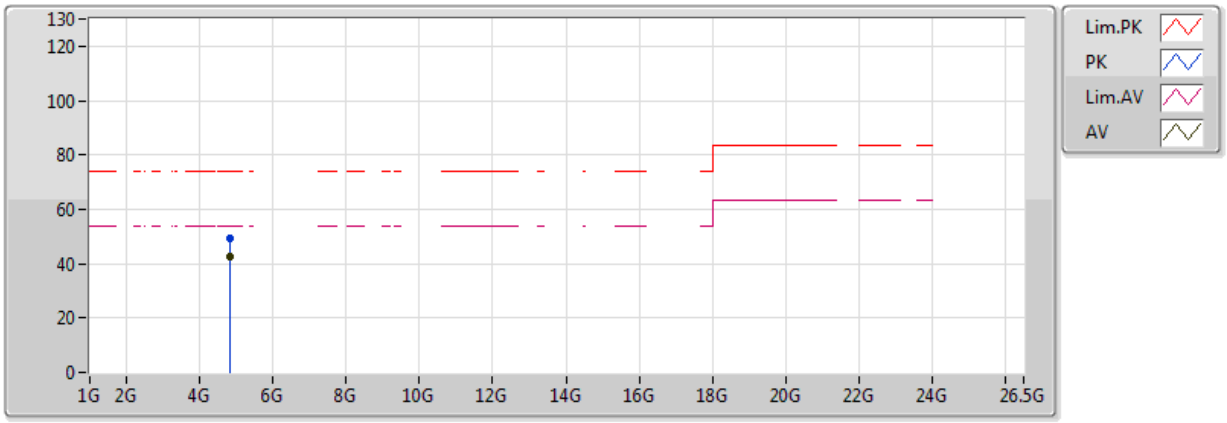


EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3882G	53.46	54.00	-0.54	31.44	3	Vertical	34	2.49	-	22.02	27.21	4.23	-
AV	2.4112G	113.62	Inf	-Inf	31.52	3	Vertical	34	2.49	-	82.10	27.27	4.25	-
PK	2.3882G	65.54	74.00	-8.46	31.44	3	Vertical	34	2.49	-	34.10	27.21	4.23	-
PK	2.413G	116.26	Inf	-Inf	31.53	3	Vertical	34	2.49	-	84.73	27.27	4.25	-

802.11b_(1Mbps)_3TX

2412MHz_TX

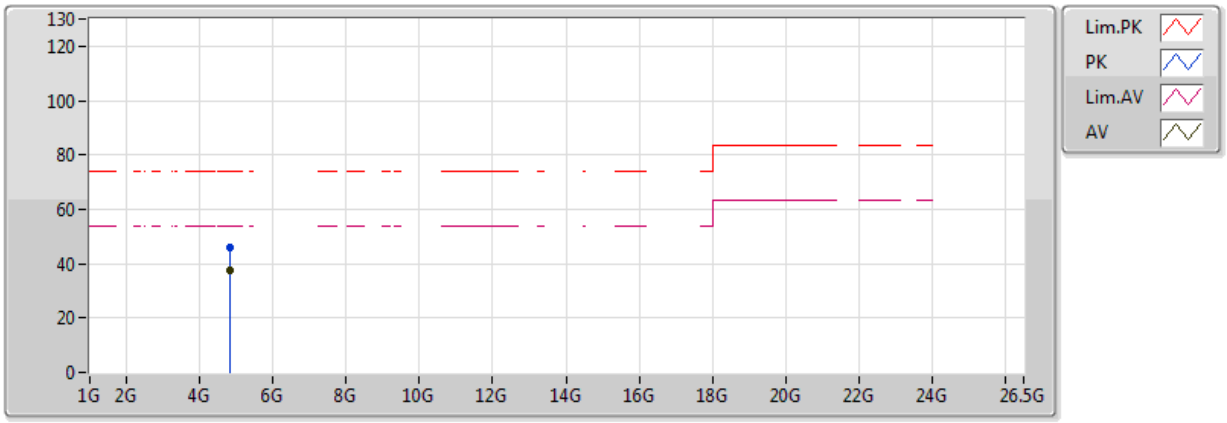


EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.824G	42.47	54.00	-11.53	2.48	3	Vertical	204	1.05	-	39.99	31.22	6.44	35.18
PK	4.824G	49.42	74.00	-24.58	2.48	3	Vertical	204	1.05	-	46.93	31.22	6.44	35.18

802.11b_(1Mbps)_3TX

2412MHz_TX

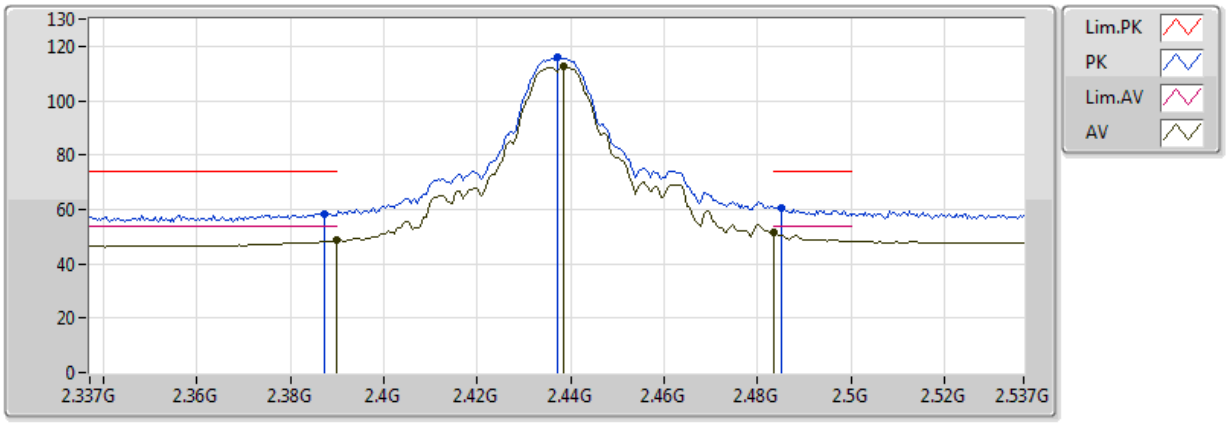


EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.824G	37.59	54.00	-16.41	2.48	3	Horizontal	250	2.33	-	35.10	31.22	6.44	35.18
PK	4.824G	46.06	74.00	-27.94	2.48	3	Horizontal	250	2.33	-	43.58	31.22	6.44	35.18

802.11b_(1Mbps)_3TX

2437MHz_TX

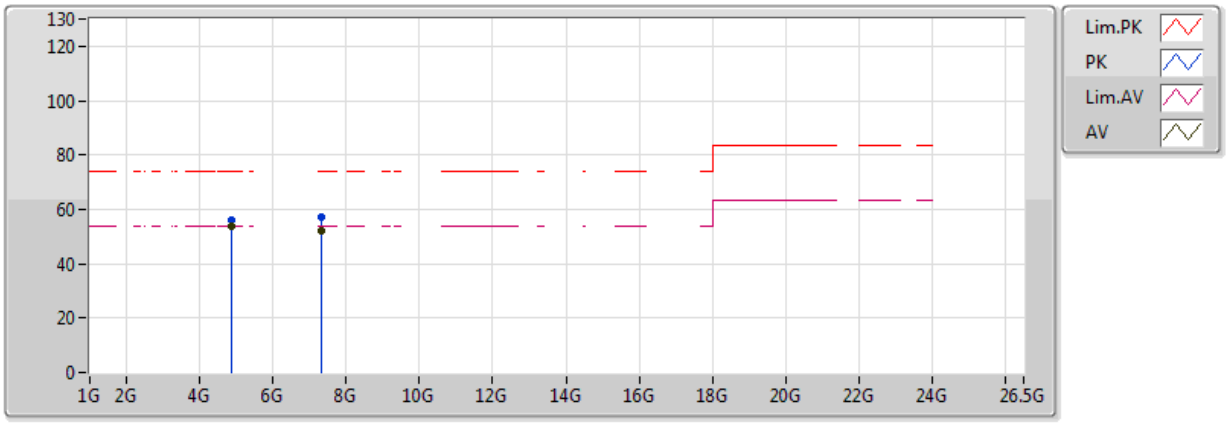


EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.389998G	48.47	54.00	-5.53	31.17	3	Vertical	32	2.16	-	17.29	26.99	4.18	-
AV	2.4386G	112.37	Inf	-Inf	31.36	3	Vertical	32	2.16	-	81.01	27.13	4.23	-
AV	2.483502G	51.34	54.00	-2.66	31.53	3	Vertical	32	2.16	-	19.81	27.25	4.27	-
PK	2.3874G	58.37	74.00	-15.63	31.16	3	Vertical	32	2.16	-	27.21	26.98	4.18	-
PK	2.437G	116.01	Inf	-Inf	31.35	3	Vertical	32	2.16	-	84.66	27.12	4.23	-
PK	2.485G	60.45	74.00	-13.55	31.53	3	Vertical	32	2.16	-	28.92	27.26	4.28	-

802.11b_(1Mbps)_3TX

2437MHz_TX

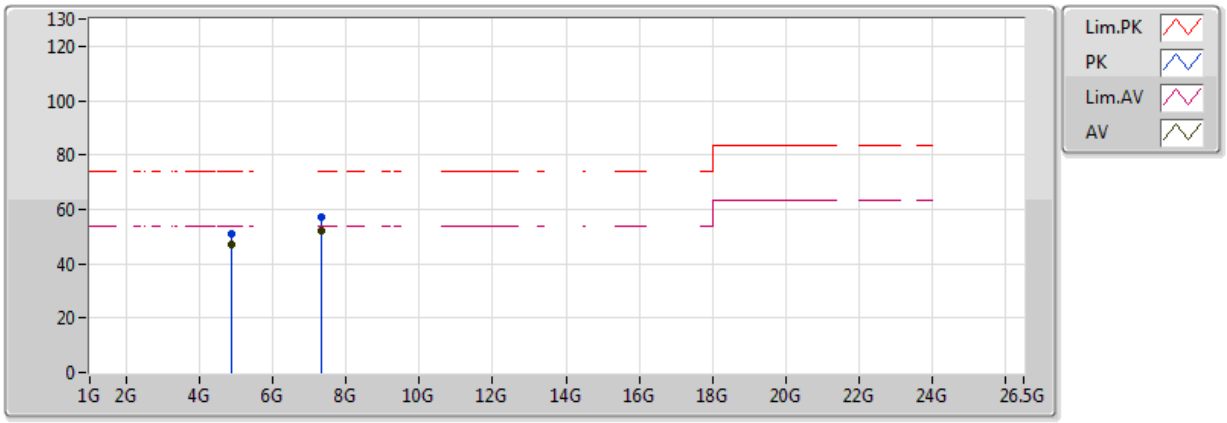


EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.874G	53.53	54.00	-0.47	2.55	3	Vertical	279	2.25	-	50.98	31.30	6.45	35.19
AV	7.311G	52.05	54.00	-1.95	8.42	3	Vertical	82	1.55	-	43.63	36.01	7.69	35.27
PK	4.874G	56.14	74.00	-17.86	2.55	3	Vertical	279	2.25	-	53.59	31.30	6.45	35.19
PK	7.311G	57.17	74.00	-16.83	8.42	3	Vertical	82	1.55	-	48.74	36.01	7.69	35.27

802.11b_(1Mbps)_3TX

2437MHz_TX



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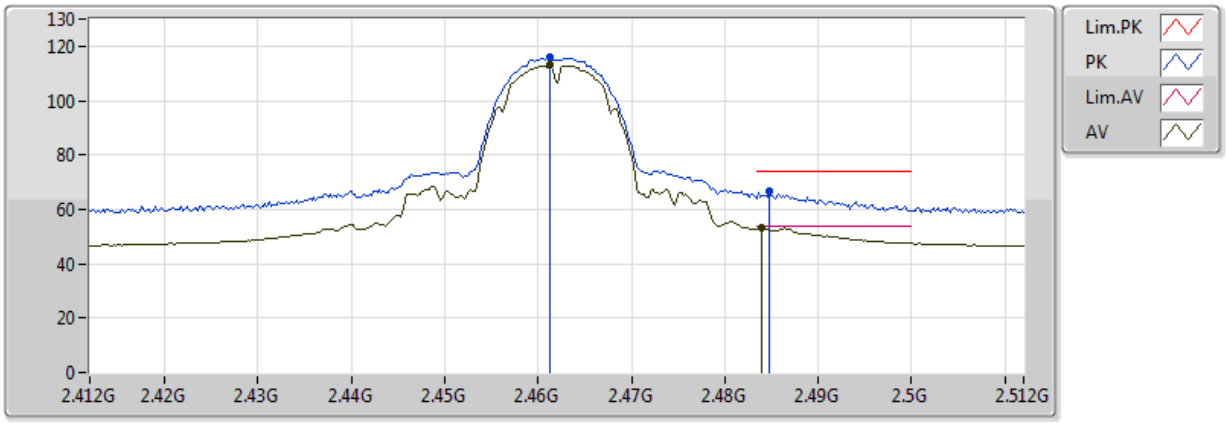
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.874G	46.83	54.00	-7.17	2.55	3	Horizontal	355	2.68	-	44.27	31.30	6.45	35.19
AV	7.311G	51.97	54.00	-2.03	8.42	3	Horizontal	304	3.60	-	43.55	36.01	7.69	35.27
PK	4.874G	50.92	74.00	-23.08	2.55	3	Horizontal	355	2.68	-	48.36	31.30	6.45	35.19
PK	7.311G	57.09	74.00	-16.91	8.42	3	Horizontal	304	3.60	-	48.67	36.01	7.69	35.27

802.11b_(1Mbps)_3TX

2462MHz_TX



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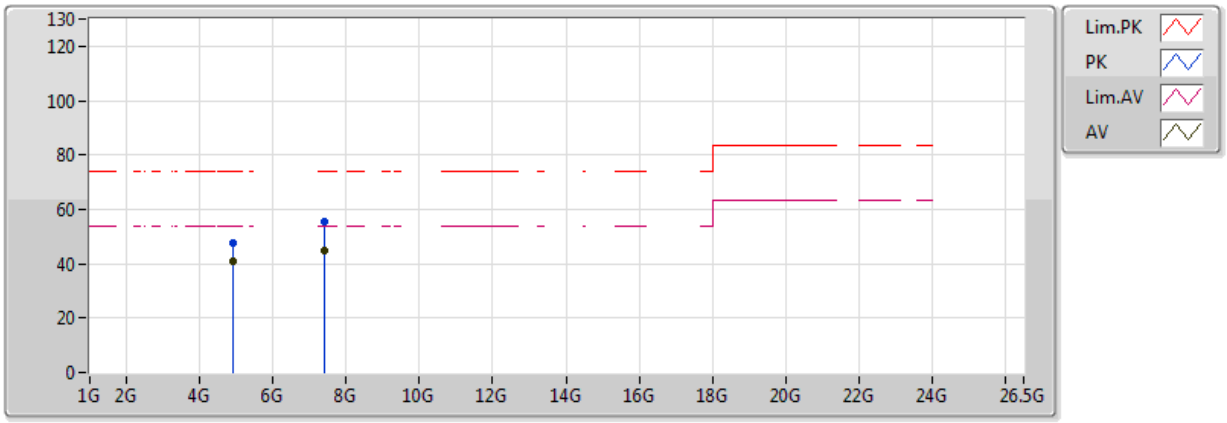
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.484G	53.27	54.00	-0.73	31.78	3	Vertical	339	2.50	-	21.49	27.46	4.32	-
AV	2.4612G	113.08	Inf	-Inf	31.70	3	Vertical	339	2.50	-	81.38	27.40	4.30	-
PK	2.4848G	66.62	74.00	-7.38	31.79	3	Vertical	339	2.50	-	34.83	27.46	4.32	-
PK	2.4612G	115.78	Inf	-Inf	31.70	3	Vertical	339	2.50	-	84.08	27.40	4.30	-

802.11b_(1Mbps)_3TX

2462MHz_TX

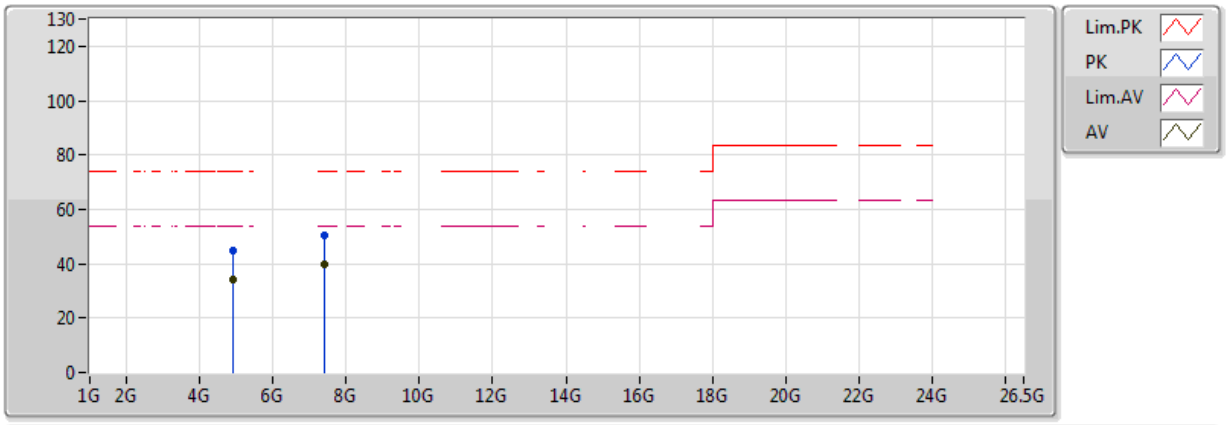


EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.924G	40.66	54.00	-13.34	2.63	3	Vertical	253	2.40	-	38.03	31.38	6.45	35.20
AV	7.386G	45.03	54.00	-8.97	8.51	3	Vertical	284	2.69	-	36.51	36.20	7.61	35.30
PK	4.924G	47.52	74.00	-26.48	2.63	3	Vertical	253	2.40	-	44.89	31.38	6.45	35.20
PK	7.386G	55.69	74.00	-18.31	8.51	3	Vertical	284	2.69	-	47.18	36.20	7.61	35.30

802.11b_(1Mbps)_3TX

2462MHz_TX



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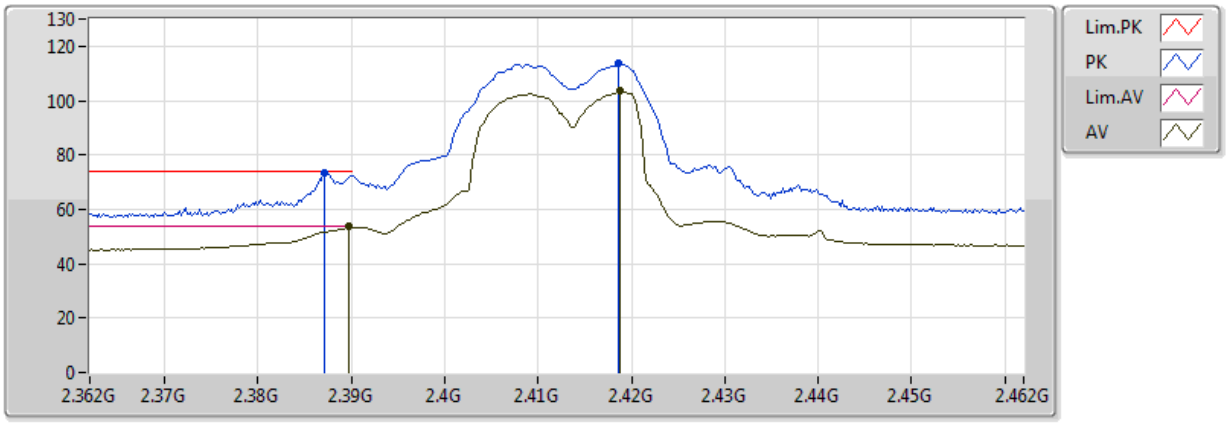
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.924G	34.13	54.00	-19.87	2.63	3	Horizontal	166	1.50	-	31.50	31.38	6.45	35.20
AV	7.386G	39.88	54.00	-14.12	8.51	3	Horizontal	229	1.50	-	31.37	36.20	7.61	35.30
PK	4.924G	44.96	74.00	-29.04	2.63	3	Horizontal	166	1.50	-	42.33	31.38	6.45	35.20
PK	7.386G	50.57	74.00	-23.43	8.51	3	Horizontal	229	1.50	-	42.05	36.20	7.61	35.30

802.11g_(6Mbps)_3TX

2412MHz_TX



EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	53.63	54.00	-0.37	31.44	3	Vertical	85	2.51	-	22.19	27.21	4.23	-
AV	2.4188G	103.42	Inf	-Inf	31.55	3	Vertical	85	2.51	-	71.87	27.29	4.26	-
PK	2.3872G	73.26	74.00	-0.74	31.44	3	Vertical	85	2.51	-	41.83	27.21	4.23	-
PK	2.4186G	114.00	Inf	-Inf	31.55	3	Vertical	85	2.51	-	82.46	27.29	4.26	-

802.11g_(6Mbps)_3TX

2412MHz_TX

EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.824G	33.82	54.00	-20.18	2.48	3	Vertical	360	1.50	-	31.33	31.22	6.44	35.18
PK	4.824G	45.32	74.00	-28.68	2.48	3	Vertical	360	1.50	-	42.83	31.22	6.44	35.18

802.11g_(6Mbps)_3TX

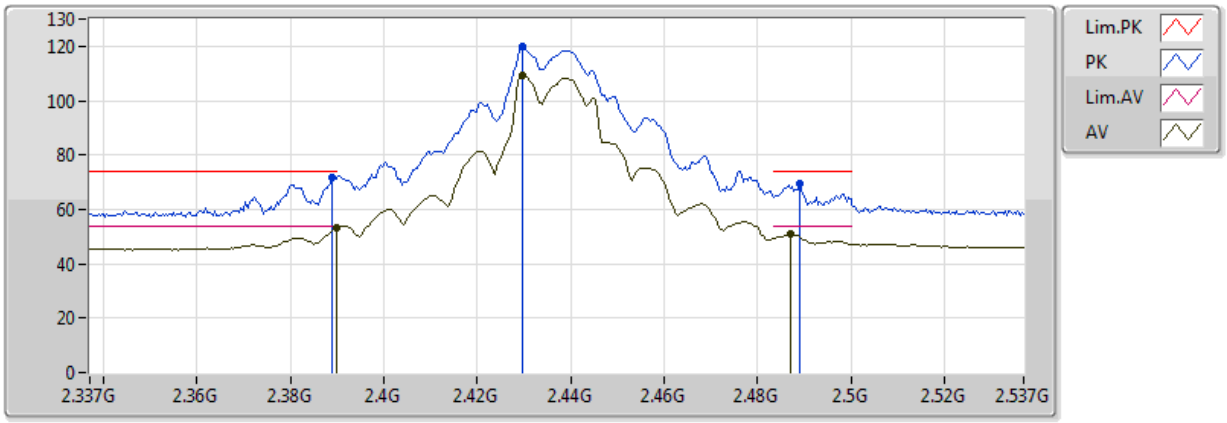
2412MHz_TX

EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.824G	33.42	54.00	-20.58	2.48	3	Horizontal	0	1.50	-	30.94	31.22	6.44	35.18
PK	4.824G	44.98	74.00	-29.02	2.48	3	Horizontal	0	1.50	-	42.50	31.22	6.44	35.18

802.11g_(6Mbps)_3TX

2437MHz_TX

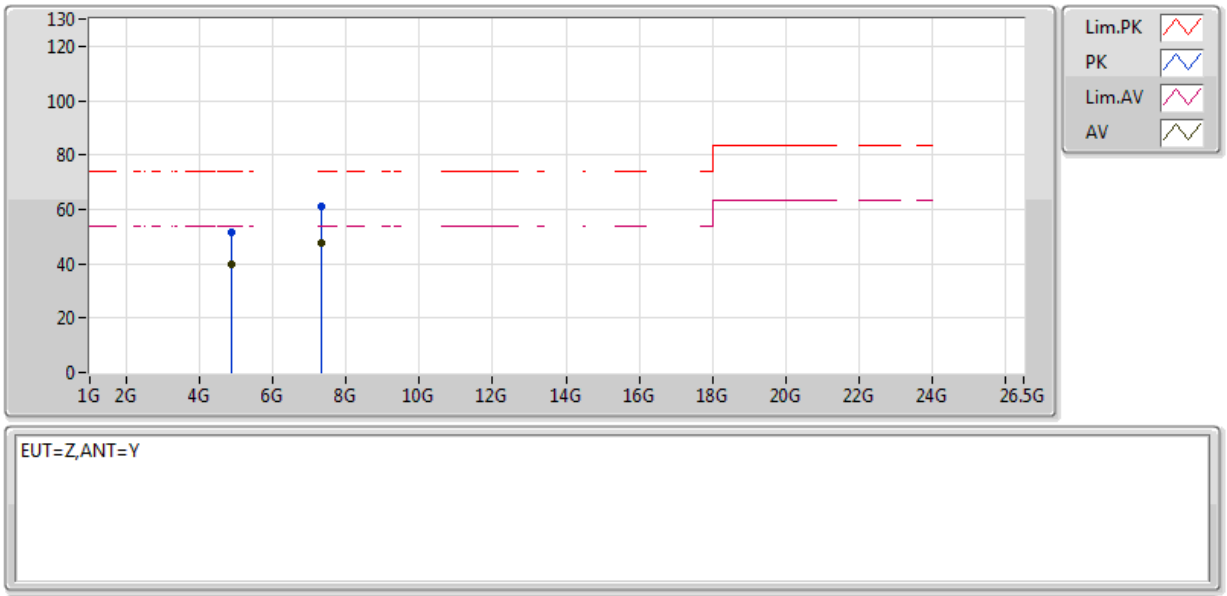


EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.389998G	53.39	54.00	-0.61	31.44	3	Vertical	272	1.01	-	21.94	27.21	4.23	-
AV	2.487G	50.86	54.00	-3.14	31.79	3	Vertical	272	1.01	-	19.07	27.47	4.33	-
AV	2.4298G	109.46	Inf	-Inf	31.59	3	Vertical	272	1.01	-	77.88	27.32	4.27	-
PK	2.389G	71.77	74.00	-2.23	31.44	3	Vertical	272	1.01	-	40.33	27.21	4.23	-
PK	2.489G	69.50	74.00	-4.50	31.80	3	Vertical	272	1.01	-	37.70	27.47	4.33	-
PK	2.4298G	119.70	Inf	-Inf	31.59	3	Vertical	272	1.01	-	88.11	27.32	4.27	-

802.11g_(6Mbps)_3TX

2437MHz_TX

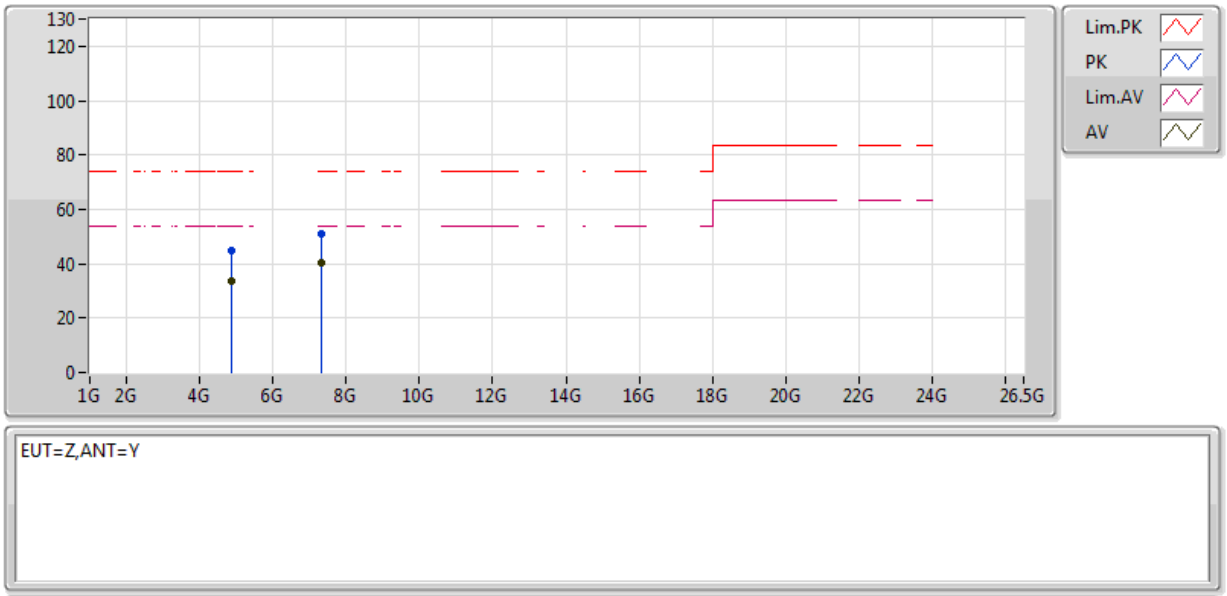


EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.874G	39.56	54.00	-14.44	2.55	3	Vertical	342	1.00	-	37.00	31.30	6.45	35.19
AV	7.311G	47.38	54.00	-6.62	8.42	3	Vertical	293	2.63	-	38.96	36.01	7.69	35.27
PK	4.874G	51.41	74.00	-22.59	2.55	3	Vertical	342	1.00	-	48.86	31.30	6.45	35.19
PK	7.311G	61.02	74.00	-12.98	8.42	3	Vertical	293	2.63	-	52.60	36.01	7.69	35.27

802.11g_(6Mbps)_3TX

2437MHz_TX



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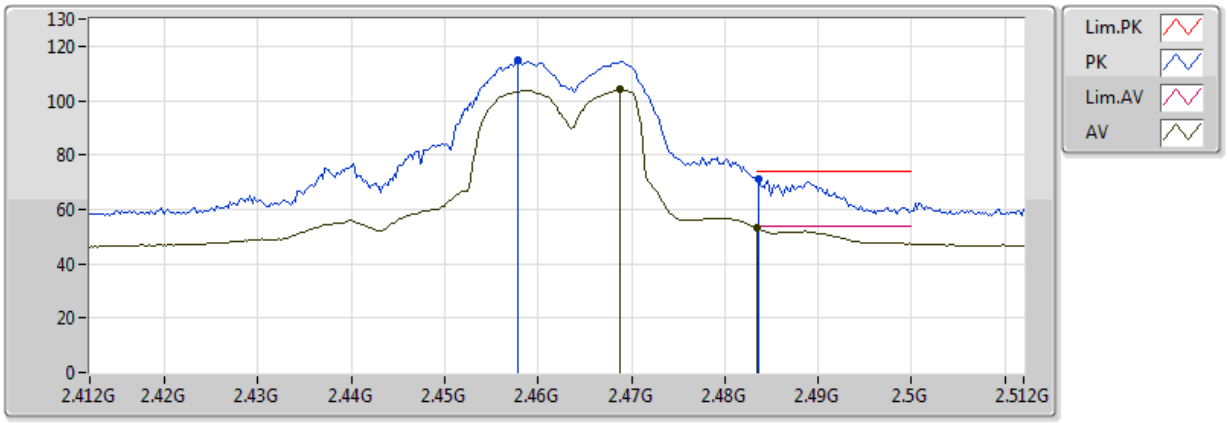
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.874G	33.83	54.00	-20.17	2.55	3	Horizontal	360	1.50	-	31.27	31.30	6.45	35.19
AV	7.311G	40.50	54.00	-13.50	8.42	3	Horizontal	360	1.50	-	32.08	36.01	7.69	35.27
PK	4.874G	44.65	74.00	-29.35	2.55	3	Horizontal	360	1.50	-	42.10	31.30	6.45	35.19
PK	7.311G	50.92	74.00	-23.08	8.42	3	Horizontal	360	1.50	-	42.50	36.01	7.69	35.27

802.11g_(6Mbps)_3TX

2462MHz_TX

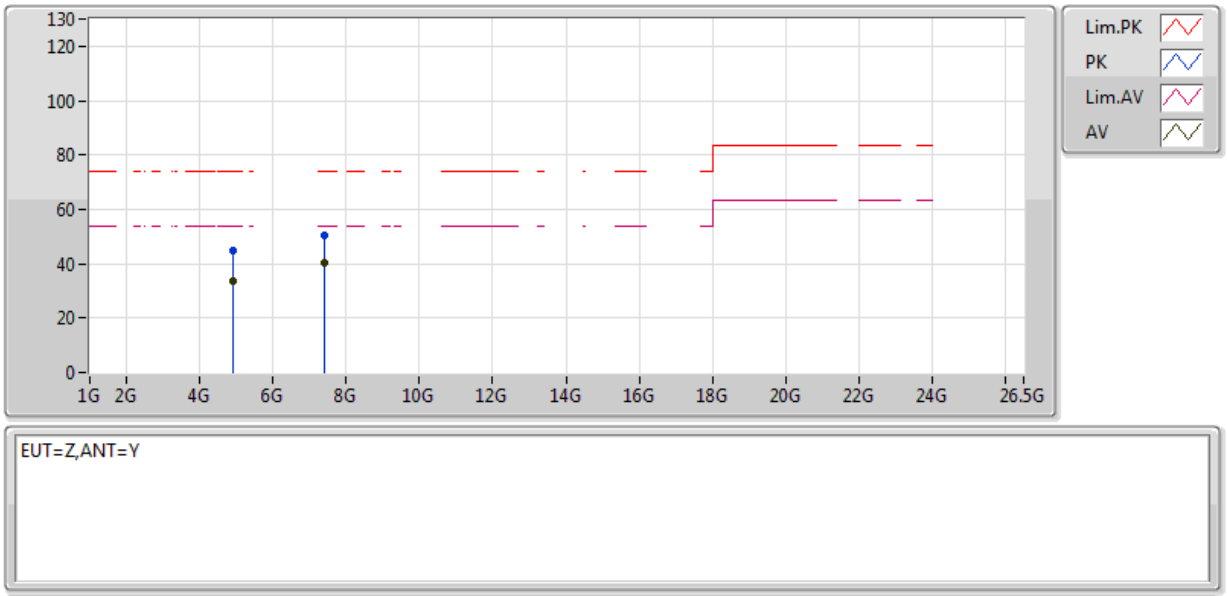


EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.483502G	53.32	54.00	-0.68	31.78	3	Vertical	79	2.51	-	21.54	27.46	4.32	-
AV	2.4688G	104.17	Inf	-Inf	31.73	3	Vertical	79	2.51	-	72.44	27.42	4.31	-
PK	2.4836G	70.92	74.00	-3.08	31.78	3	Vertical	79	2.51	-	39.14	27.46	4.32	-
PK	2.4578G	114.76	Inf	-Inf	31.69	3	Vertical	79	2.51	-	83.07	27.39	4.30	-

802.11g_(6Mbps)_3TX

2462MHz_TX



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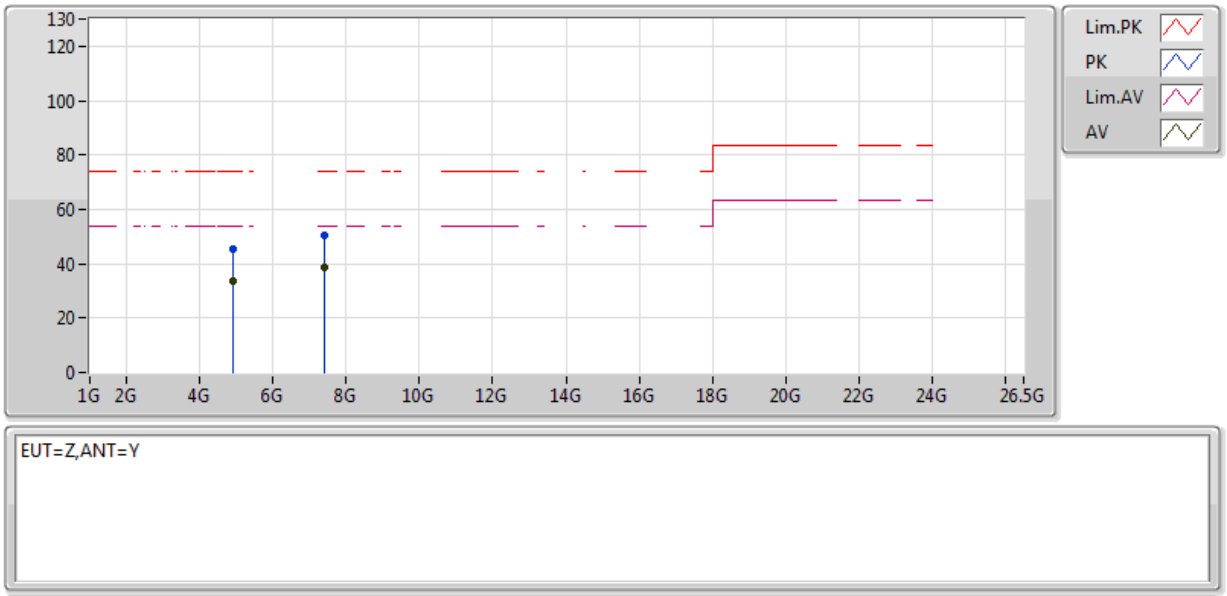
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.924G	33.66	54.00	-20.34	2.63	3	Vertical	0	1.50	-	31.03	31.38	6.45	35.20
AV	7.386G	40.35	54.00	-13.65	8.51	3	Vertical	0	1.50	-	31.83	36.20	7.61	35.30
PK	4.924G	44.63	74.00	-29.37	2.63	3	Vertical	0	1.50	-	42.01	31.38	6.45	35.20
PK	7.386G	50.32	74.00	-23.68	8.51	3	Vertical	0	1.50	-	41.80	36.20	7.61	35.30

802.11g_(6Mbps)_3TX

2462MHz_TX

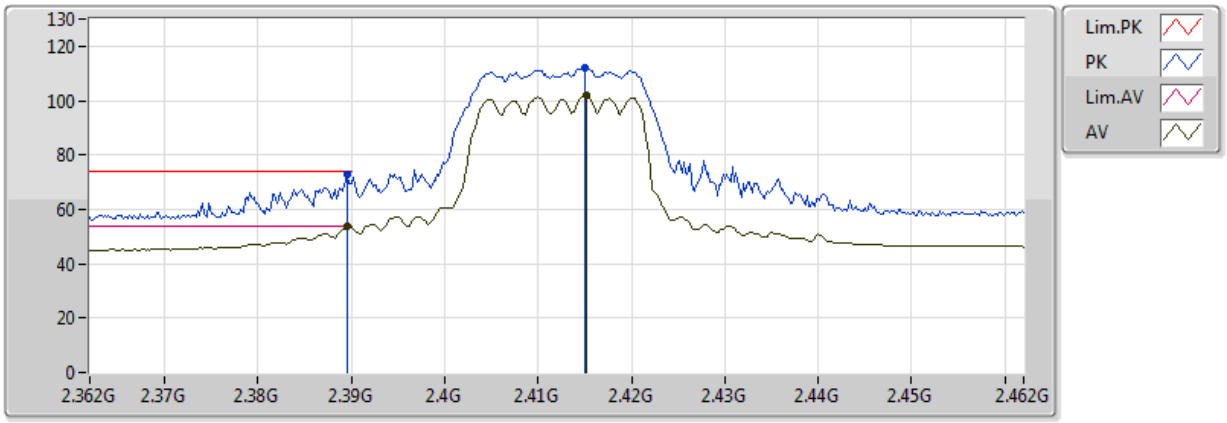


EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.924G	33.35	54.00	-20.65	2.63	3	Horizontal	360	1.50	-	30.73	31.38	6.45	35.20
AV	7.386G	38.91	54.00	-15.09	8.51	3	Horizontal	360	1.50	-	30.39	36.20	7.61	35.30
PK	4.924G	45.23	74.00	-28.77	2.63	3	Horizontal	360	1.50	-	42.60	31.38	6.45	35.20
PK	7.386G	50.68	74.00	-23.32	8.51	3	Horizontal	360	1.50	-	42.16	36.20	7.61	35.30

802.11n HT20_Nss1,(MCS0)_3TX

2412MHz_TX

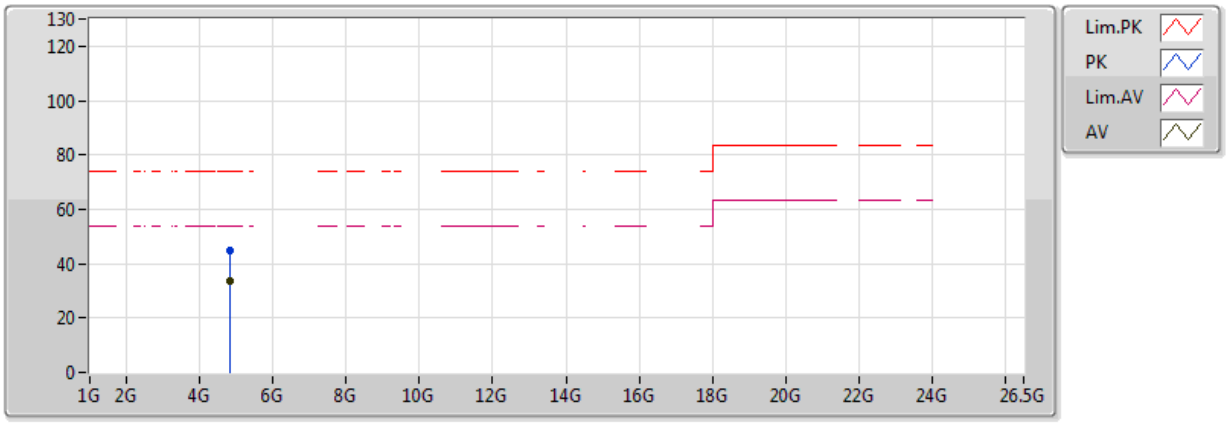


EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3896G	53.70	54.00	-0.30	31.44	3	Vertical	277	1.40	-	22.25	27.21	4.23	-
AV	2.4152G	101.77	Inf	-Inf	31.53	3	Vertical	277	1.40	-	70.23	27.28	4.26	-
PK	2.3896G	72.73	74.00	-1.27	31.44	3	Vertical	277	1.40	-	41.29	27.21	4.23	-
PK	2.415G	111.87	Inf	-Inf	31.53	3	Vertical	277	1.40	-	80.33	27.28	4.25	-

802.11n HT20_Nss1,(MCS0)_3TX

2412MHz_TX

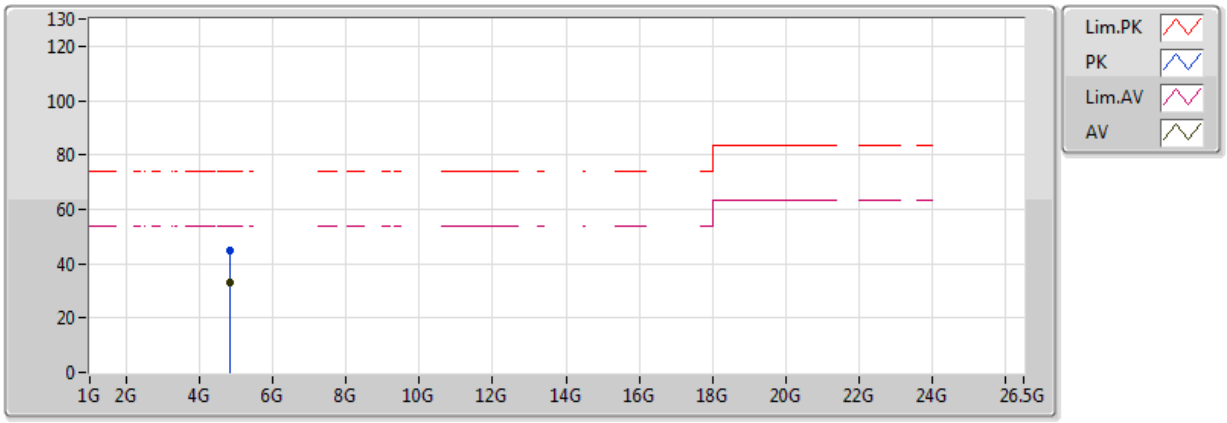


EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.824G	33.58	54.00	-20.42	2.48	3	Vertical	0	1.50	-	31.10	31.22	6.44	35.18
PK	4.824G	44.94	74.00	-29.06	2.48	3	Vertical	0	1.50	-	42.45	31.22	6.44	35.18

802.11n HT20_Nss1,(MCS0)_3TX

2412MHz_TX



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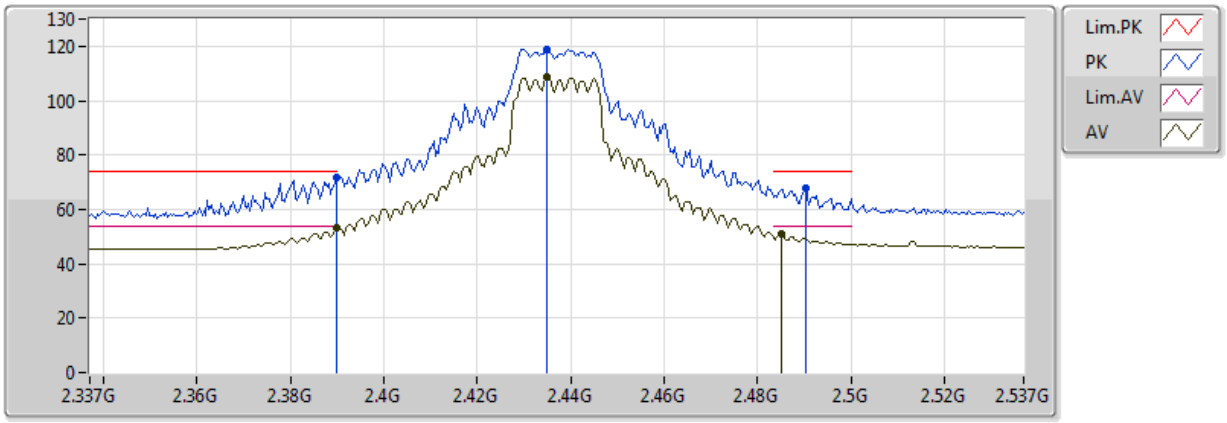
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.824G	33.16	54.00	-20.84	2.48	3	Horizontal	360	1.50	-	30.68	31.22	6.44	35.18
PK	4.824G	44.64	74.00	-29.36	2.48	3	Horizontal	360	1.50	-	42.16	31.22	6.44	35.18

802.11n HT20_Nss1,(MCS0)_3TX

2437MHz_TX

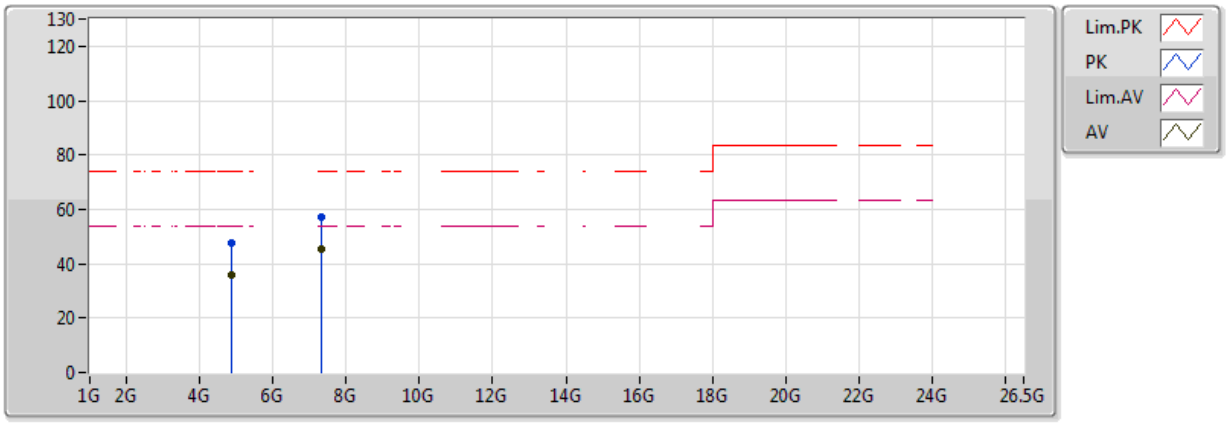


EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.389998G	53.50	54.00	-0.50	31.44	3	Vertical	278	1.10	-	22.05	27.21	4.23	-
AV	2.485G	51.11	54.00	-2.89	31.79	3	Vertical	278	1.10	-	19.32	27.46	4.33	-
AV	2.435G	108.90	Inf	-Inf	31.61	3	Vertical	278	1.10	-	77.29	27.33	4.28	-
PK	2.389998G	71.70	74.00	-2.30	31.44	3	Vertical	278	1.10	-	40.25	27.21	4.23	-
PK	2.4902G	67.84	74.00	-6.16	31.80	3	Vertical	278	1.10	-	36.04	27.47	4.33	-
PK	2.435G	118.93	Inf	-Inf	31.61	3	Vertical	278	1.10	-	87.33	27.33	4.28	-

802.11n HT20_Nss1,(MCS0)_3TX

2437MHz_TX

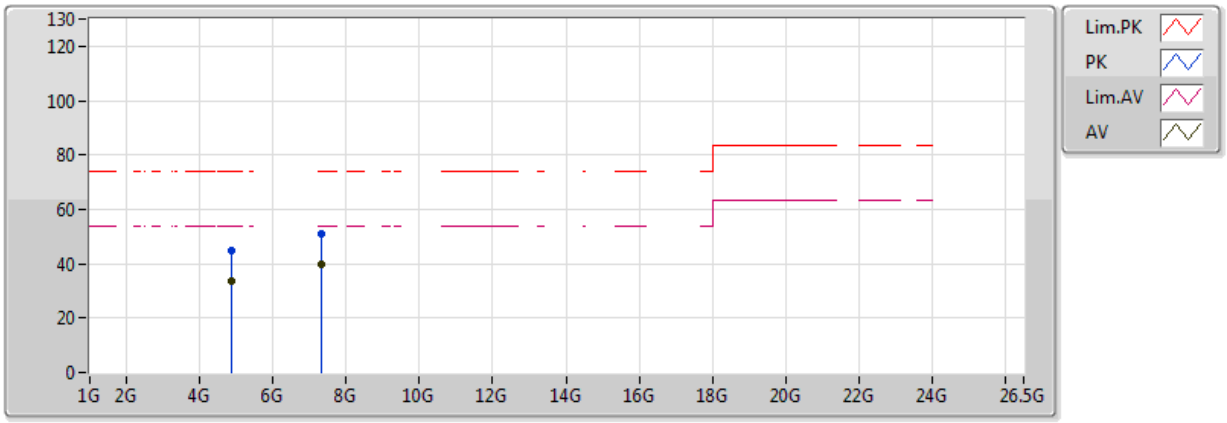


EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.874G	36.08	54.00	-17.92	2.55	3	Vertical	360	1.50	-	33.53	31.30	6.45	35.19
AV	7.311G	45.41	54.00	-8.59	8.42	3	Vertical	115	2.52	-	36.99	36.01	7.69	35.27
PK	4.874G	47.56	74.00	-26.44	2.55	3	Vertical	360	1.50	-	45.01	31.30	6.45	35.19
PK	7.311G	57.42	74.00	-16.58	8.42	3	Vertical	115	2.52	-	49.00	36.01	7.69	35.27

802.11n HT20_Nss1,(MCS0)_3TX

2437MHz_TX

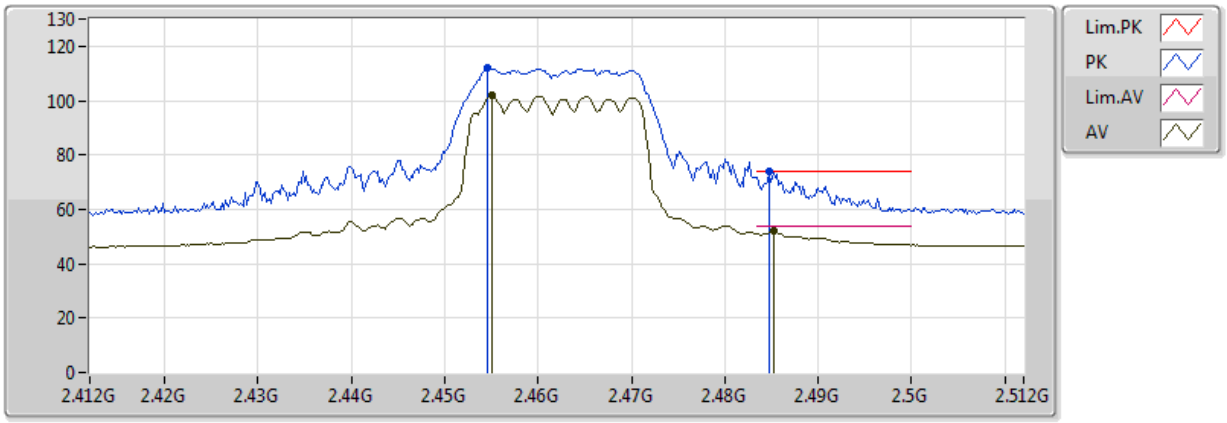


EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.874G	33.67	54.00	-20.33	2.55	3	Horizontal	0	1.50	-	31.12	31.30	6.45	35.19
AV	7.311G	39.64	54.00	-14.36	8.42	3	Horizontal	0	1.50	-	31.22	36.01	7.69	35.27
PK	4.874G	44.55	74.00	-29.45	2.55	3	Horizontal	0	1.50	-	42.00	31.30	6.45	35.19
PK	7.311G	50.97	74.00	-23.03	8.42	3	Horizontal	0	1.50	-	42.55	36.01	7.69	35.27

802.11n HT20_Nss1,(MCS0)_3TX

2462MHz_TX

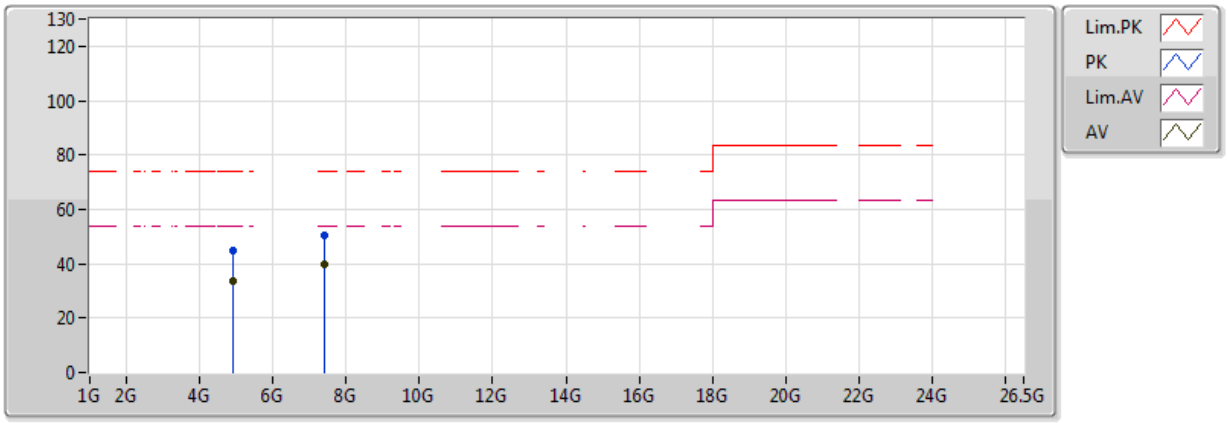


EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4852G	51.84	54.00	-2.16	31.79	3	Vertical	272	1.02	-	20.06	27.46	4.33	-
AV	2.455G	101.81	Inf	-Inf	31.68	3	Vertical	272	1.02	-	70.13	27.38	4.29	-
PK	2.4848G	73.76	74.00	-0.24	31.79	3	Vertical	272	1.02	-	41.98	27.46	4.32	-
PK	2.4546G	112.31	Inf	-Inf	31.68	3	Vertical	272	1.02	-	80.63	27.38	4.29	-

802.11n HT20_Nss1,(MCS0)_3TX

2462MHz_TX

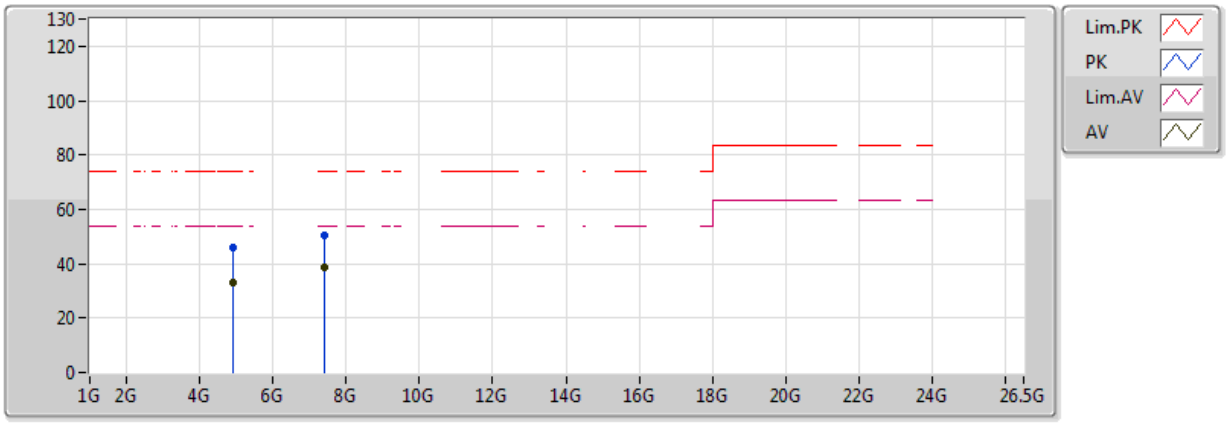


EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.924G	33.46	54.00	-20.54	2.63	3	Vertical	0	1.50	-	30.84	31.38	6.45	35.20
AV	7.386G	39.93	54.00	-14.07	8.51	3	Vertical	0	1.50	-	31.42	36.20	7.61	35.30
PK	4.924G	44.93	74.00	-29.07	2.63	3	Vertical	0	1.50	-	42.30	31.38	6.45	35.20
PK	7.386G	50.39	74.00	-23.61	8.51	3	Vertical	0	1.50	-	41.88	36.20	7.61	35.30

802.11n HT20_Nss1,(MCS0)_3TX

2462MHz_TX

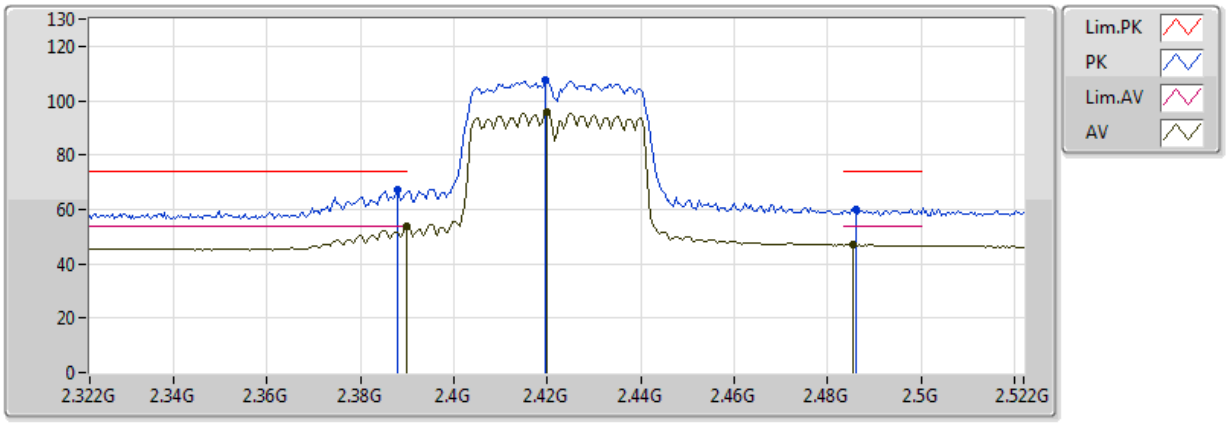


EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.924G	33.27	54.00	-20.73	2.63	3	Horizontal	360	1.50	-	30.64	31.38	6.45	35.20
AV	7.386G	38.85	54.00	-15.15	8.51	3	Horizontal	360	1.50	-	30.33	36.20	7.61	35.30
PK	4.924G	45.82	74.00	-28.18	2.63	3	Horizontal	360	1.50	-	43.19	31.38	6.45	35.20
PK	7.386G	50.26	74.00	-23.74	8.51	3	Horizontal	360	1.50	-	41.75	36.20	7.61	35.30

802.11n HT40_Nss1,(MCS0)_3TX

2422MHz_TX

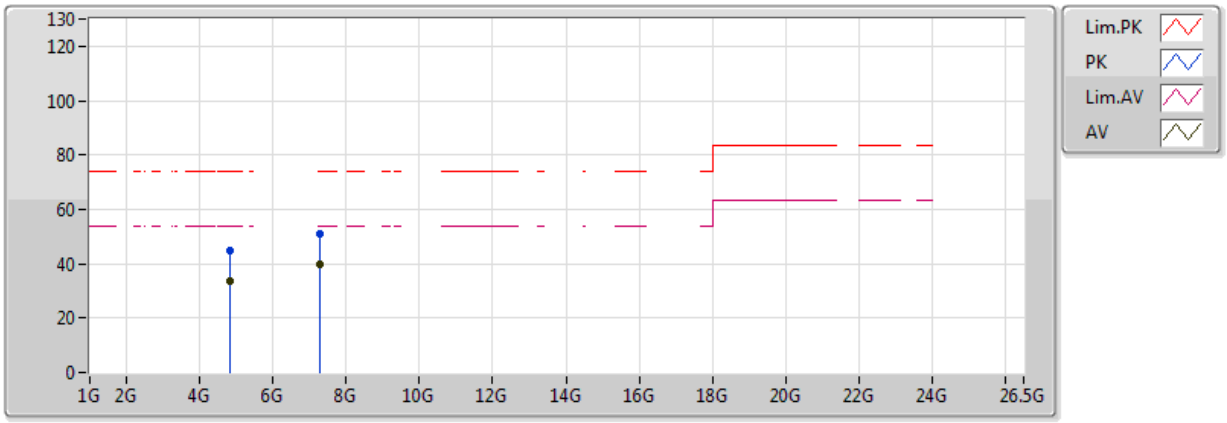


EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	53.57	54.00	-0.43	31.45	3	Vertical	267	1.21	-	22.12	27.21	4.23	-
AV	2.4856G	47.22	54.00	-6.78	31.79	3	Vertical	267	1.21	-	15.43	27.46	4.33	-
AV	2.42G	95.59	Inf	-Inf	31.55	3	Vertical	267	1.21	-	64.03	27.29	4.26	-
PK	2.388G	67.18	74.00	-6.82	31.44	3	Vertical	267	1.21	-	35.74	27.21	4.23	-
PK	2.486G	60.08	74.00	-13.92	31.79	3	Vertical	267	1.21	-	28.29	27.46	4.33	-
PK	2.4196G	107.78	Inf	-Inf	31.55	3	Vertical	267	1.21	-	76.22	27.29	4.26	-

802.11n HT40_Nss1,(MCS0)_3TX

2422MHz_TX

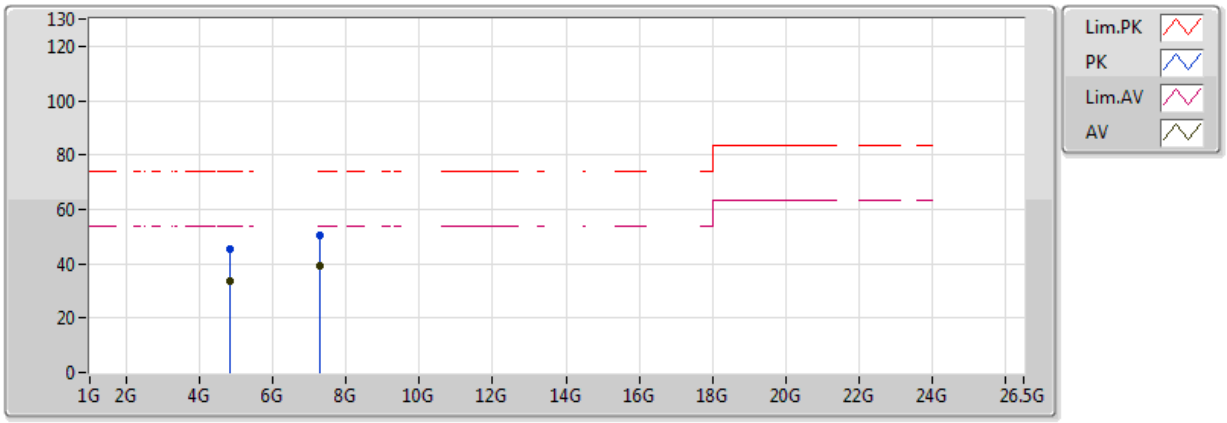


EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.844G	33.46	54.00	-20.54	2.51	3	Vertical	0	1.50	-	30.95	31.25	6.44	35.18
AV	7.266G	39.69	54.00	-14.31	8.36	3	Vertical	0	1.50	-	31.32	35.89	7.73	35.26
PK	4.844G	45.06	74.00	-28.94	2.51	3	Vertical	0	1.50	-	42.55	31.25	6.44	35.18
PK	7.266G	51.06	74.00	-22.94	8.36	3	Vertical	0	1.50	-	42.70	35.89	7.73	35.26

802.11n HT40_Nss1,(MCS0)_3TX

2422MHz_TX

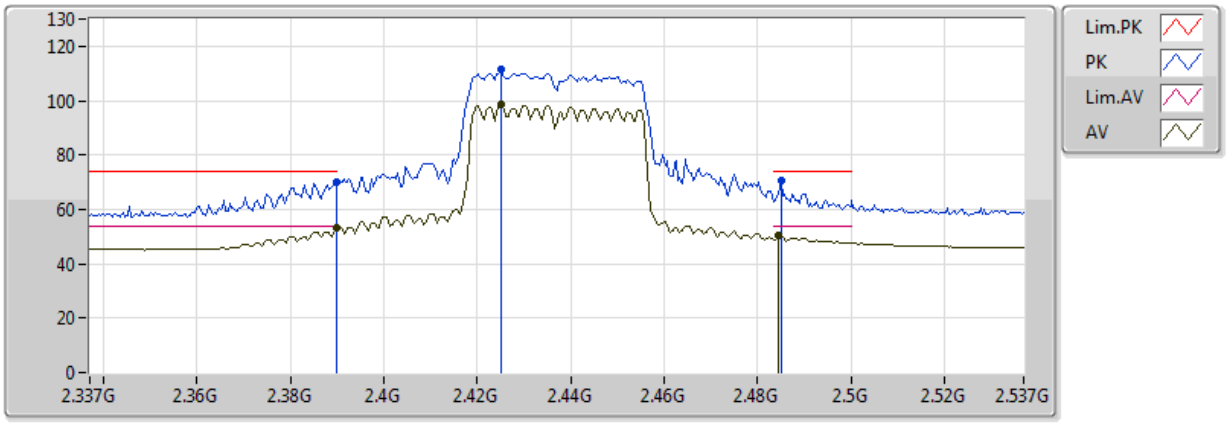


EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.844G	33.36	54.00	-20.64	2.51	3	Horizontal	360	1.50	-	30.85	31.25	6.44	35.18
AV	7.266G	38.98	54.00	-15.02	8.36	3	Horizontal	360	1.50	-	30.61	35.89	7.73	35.26
PK	4.844G	45.25	74.00	-28.75	2.51	3	Horizontal	360	1.50	-	42.74	31.25	6.44	35.18
PK	7.266G	50.36	74.00	-23.64	8.36	3	Horizontal	360	1.50	-	42.00	35.89	7.73	35.26

802.11n HT40_Nss1,(MCS0)_3TX

2437MHz_TX

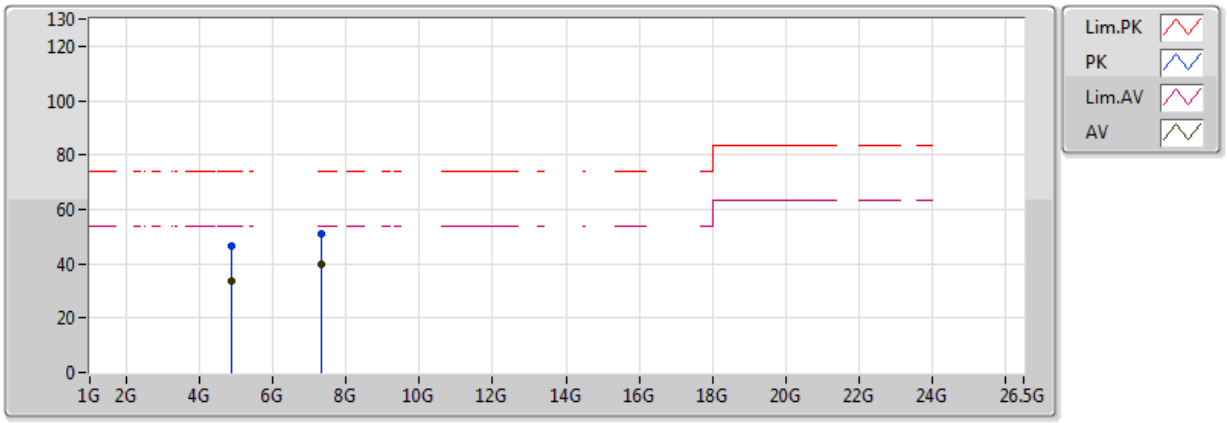


EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.389998G	53.37	54.00	-0.63	31.44	3	Vertical	276	1.26	-	21.92	27.21	4.23	-
AV	2.4846G	50.20	54.00	-3.80	31.78	3	Vertical	276	1.26	-	18.42	27.46	4.32	-
AV	2.425G	98.43	Inf	-Inf	31.57	3	Vertical	276	1.26	-	66.86	27.30	4.27	-
PK	2.389998G	70.31	74.00	-3.69	31.44	3	Vertical	276	1.26	-	38.87	27.21	4.23	-
PK	2.485G	70.35	74.00	-3.65	31.79	3	Vertical	276	1.26	-	38.56	27.46	4.33	-
PK	2.425G	111.39	Inf	-Inf	31.57	3	Vertical	276	1.26	-	79.82	27.30	4.27	-

802.11n HT40_Nss1,(MCS0)_3TX

2437MHz_TX

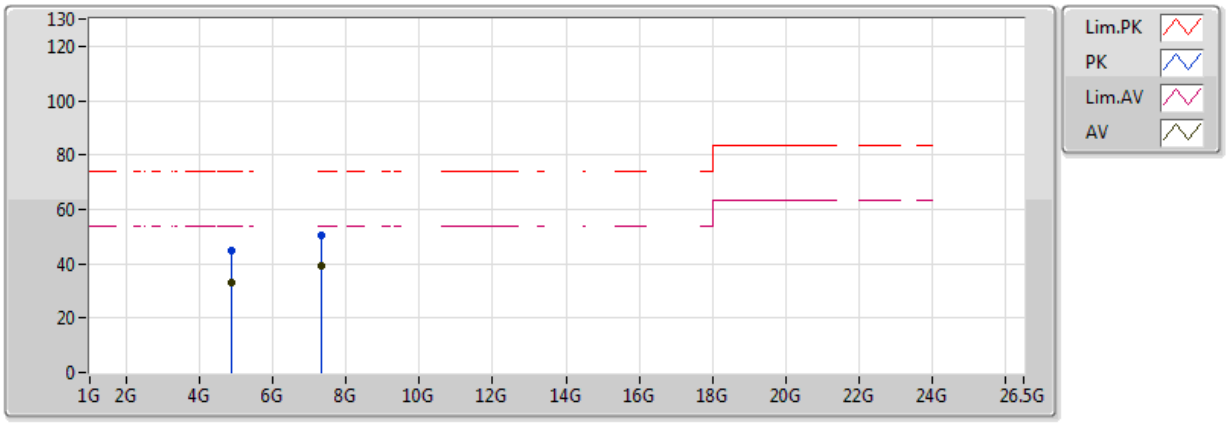


EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.874G	33.75	54.00	-20.25	2.55	3	Vertical	360	1.50	-	31.20	31.30	6.45	35.19
AV	7.311G	40.02	54.00	-13.98	8.42	3	Vertical	360	1.50	-	31.60	36.01	7.69	35.27
PK	4.874G	46.75	74.00	-27.25	2.55	3	Vertical	360	1.50	-	44.20	31.30	6.45	35.19
PK	7.311G	50.92	74.00	-23.08	8.42	3	Vertical	360	1.50	-	42.50	36.01	7.69	35.27

802.11n HT40_Nss1,(MCS0)_3TX

2437MHz_TX

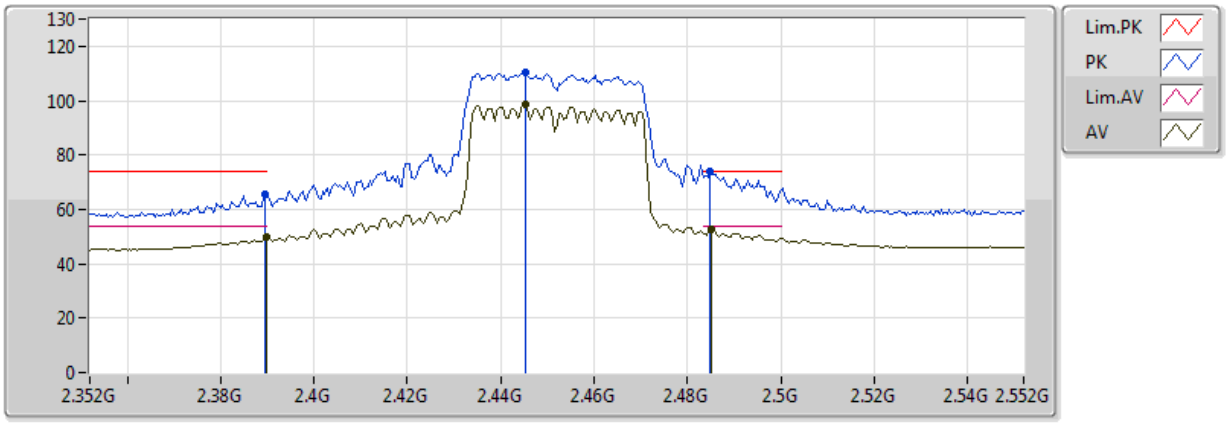


EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.874G	33.11	54.00	-20.89	2.55	3	Horizontal	0	1.50	-	30.55	31.30	6.45	35.19
AV	7.311G	38.95	54.00	-15.05	8.42	3	Horizontal	0	1.50	-	30.52	36.01	7.69	35.27
PK	4.874G	44.94	74.00	-29.06	2.55	3	Horizontal	0	1.50	-	42.39	31.30	6.45	35.19
PK	7.311G	50.24	74.00	-23.76	8.42	3	Horizontal	0	1.50	-	41.82	36.01	7.69	35.27

802.11n HT40_Nss1,(MCS0)_3TX

2452MHz_TX

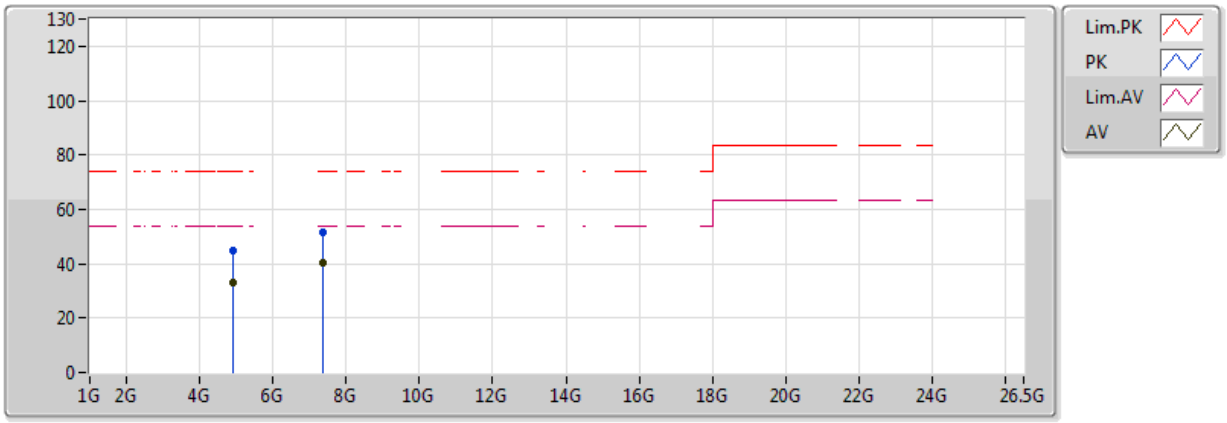


EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	49.75	54.00	-4.25	31.45	3	Vertical	276	1.21	-	18.31	27.21	4.23	-
AV	2.4852G	52.51	54.00	-1.49	31.79	3	Vertical	276	1.21	-	20.72	27.46	4.33	-
AV	2.4452G	98.38	Inf	-Inf	31.64	3	Vertical	276	1.21	-	66.74	27.36	4.29	-
PK	2.3896G	65.79	74.00	-8.21	31.44	3	Vertical	276	1.21	-	34.35	27.21	4.23	-
PK	2.4848G	73.87	74.00	-0.13	31.79	3	Vertical	276	1.21	-	42.08	27.46	4.32	-
PK	2.4452G	110.58	Inf	-Inf	31.64	3	Vertical	276	1.21	-	78.93	27.36	4.29	-

802.11n HT40_Nss1,(MCS0)_3TX

2452MHz_TX

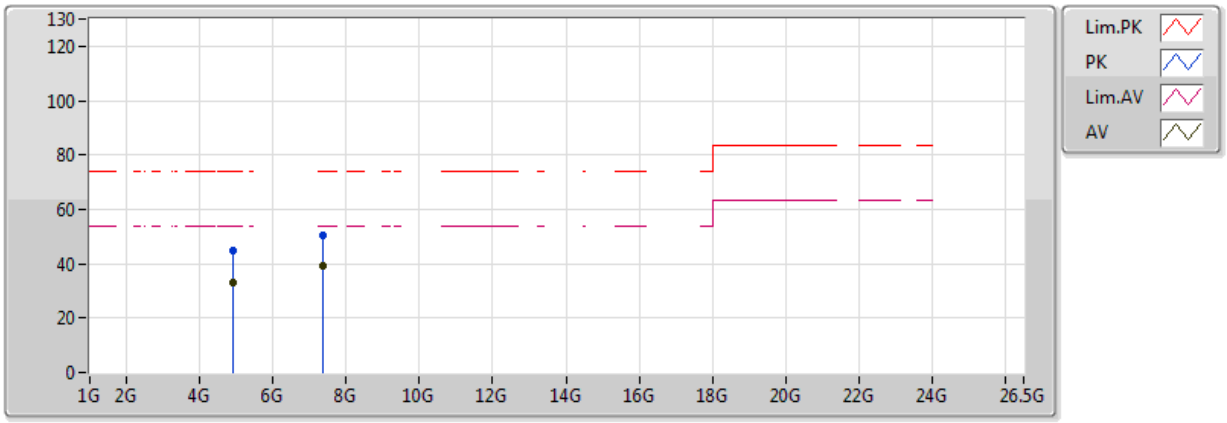


EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.904G	33.25	54.00	-20.75	2.60	3	Vertical	360	1.50	-	30.65	31.35	6.45	35.20
AV	7.356G	40.07	54.00	-13.93	8.48	3	Vertical	360	1.50	-	31.59	36.13	7.64	35.29
PK	4.904G	44.91	74.00	-29.09	2.60	3	Vertical	360	1.50	-	42.32	31.35	6.45	35.20
PK	7.356G	51.48	74.00	-22.52	8.48	3	Vertical	360	1.50	-	43.00	36.13	7.64	35.29

802.11n HT40_Nss1,(MCS0)_3TX

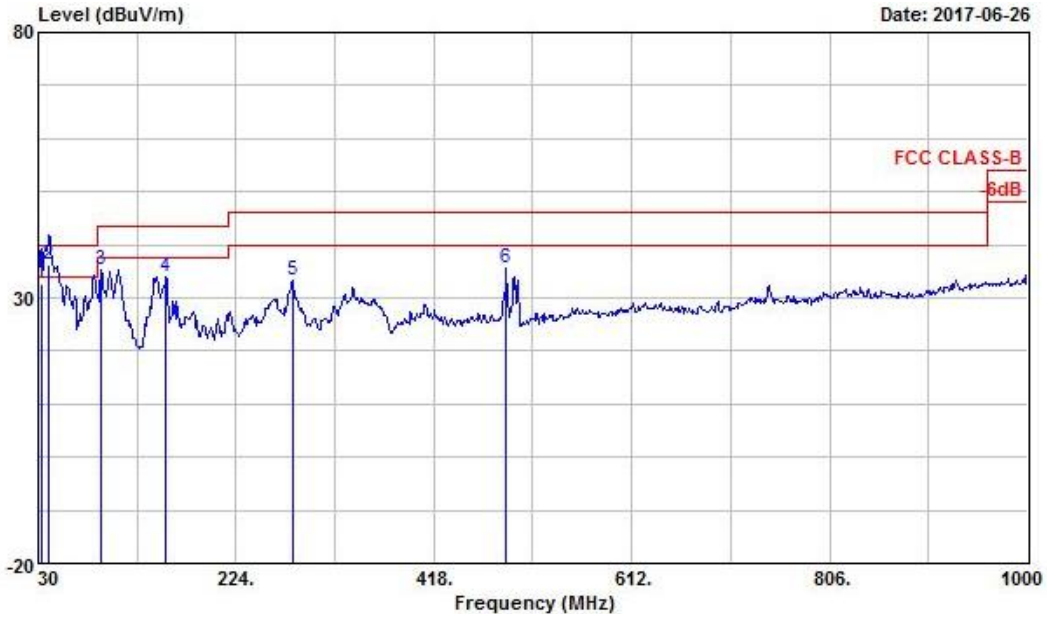
2452MHz_TX



EUT=Z,ANT=Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.904G	33.21	54.00	-20.79	2.60	3	Horizontal	0	1.50	-	30.62	31.35	6.45	35.20
AV	7.356G	38.97	54.00	-15.03	8.48	3	Horizontal	0	1.50	-	30.49	36.13	7.64	35.29
PK	4.904G	44.96	74.00	-29.04	2.60	3	Horizontal	0	1.50	-	42.36	31.35	6.45	35.20
PK	7.356G	50.60	74.00	-23.40	8.48	3	Horizontal	0	1.50	-	42.12	36.13	7.64	35.29

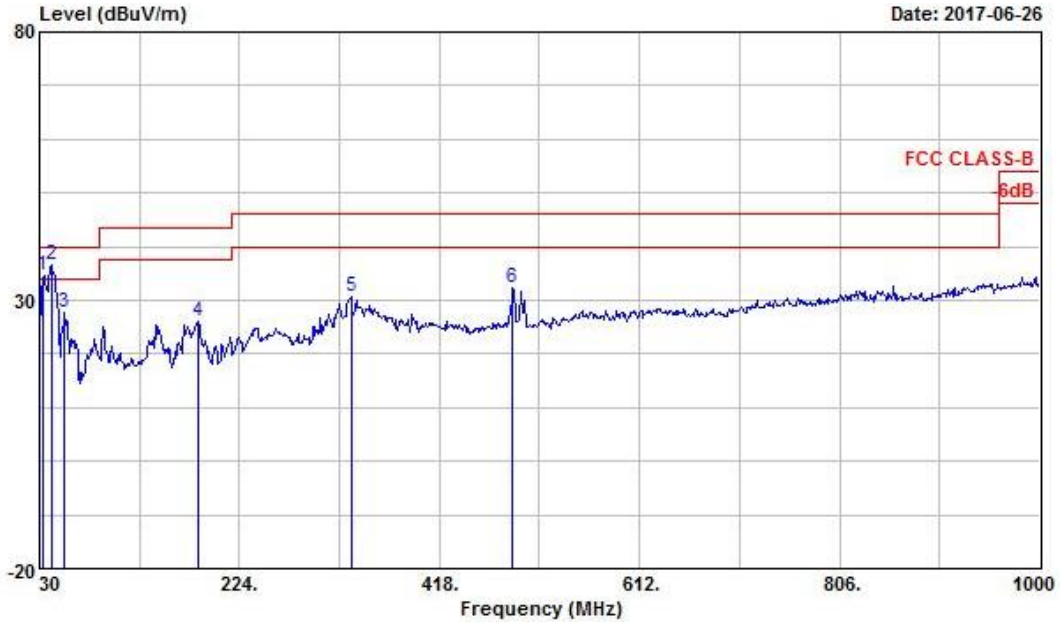
Radiated Emission Co-Location (Below 1GHz)			
Operating Mode	3	**Polarization**	V
Operating Function	(Z Plane) FAP-U321EV + WiFi 2.4G+5G+BT , USB R/W + LAN 1Gbps (LAN2) + PoE Adapter(LAN1)		



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	32.700	32.48	-7.52	40.00	39.11	23.13	30.31	0.56	100	162	QP
2 @	40.530	36.35	-3.65	40.00	47.00	19.07	30.31	0.59	100	0	QP
3	92.100	35.18	-8.32	43.50	49.53	15.08	30.23	0.80	---	---	Peak
4	154.740	33.92	-9.58	43.50	46.12	16.79	30.01	1.02	---	---	Peak
5	278.940	33.36	-12.64	46.00	42.78	18.78	29.56	1.37	---	---	Peak
6	489.000	35.49	-10.51	46.00	40.26	23.90	30.48	1.82	---	---	Peak

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

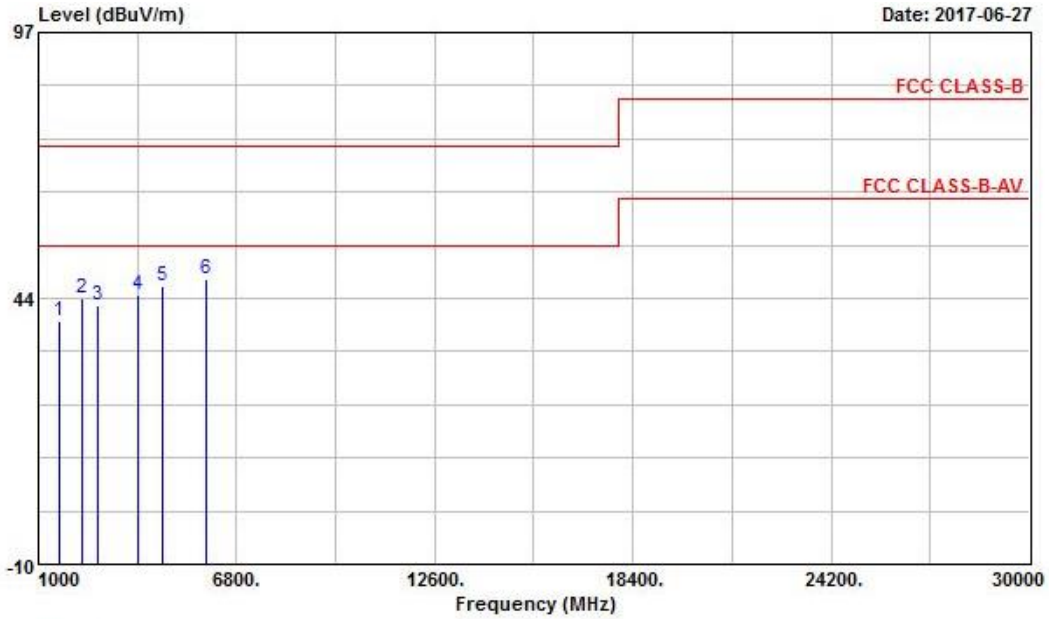
Radiated Emission Co-Location (Below 1GHz)			
Operating Mode	3	**Polarization**	H
Operating Function	(Z Plane) FAP-U321EV + WiFi 2.4G+5G+BT , USB R/W + LAN 1Gbps (LAN2) + PoE Adapter(LAN1)		



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 !	34.050	34.66	-5.34	40.00	41.80	22.62	30.31	0.56	---	---	Peak
2 @	41.340	36.61	-3.39	40.00	47.79	18.54	30.31	0.59	100	120	Peak
3	53.490	27.84	-12.16	40.00	44.29	13.20	30.30	0.65	---	---	Peak
4	184.170	26.10	-17.40	43.50	40.04	14.86	29.91	1.11	---	---	Peak
5	332.200	30.52	-15.48	46.00	38.80	19.89	29.67	1.49	---	---	Peak
6	489.000	32.34	-13.66	46.00	37.11	23.90	30.48	1.82	---	---	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

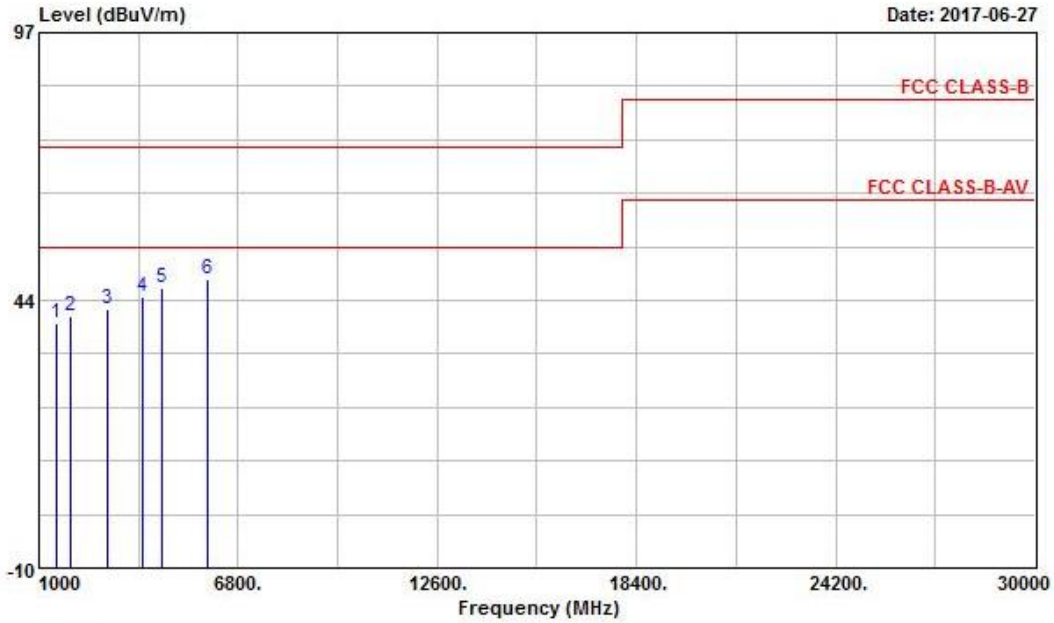
Radiated Emission Co-Location (Above 1GHz)			
Operating Mode	3	**Polarization**	V
Operating Function	(Z Plane) FAP-U321EV + WiFi 2.4G+5G+BT , USB R/W + LAN 1Gbps (LAN2) + PoE Adapter(LAN1)		



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1612.000	38.93	-35.07	74.00	43.47	25.82	34.70	4.35	---	---	Peak
2	2300.000	43.65	-30.35	74.00	46.42	26.84	34.75	5.13	---	---	Peak
3	2758.000	42.02	-31.98	74.00	43.67	27.80	34.98	5.53	---	---	Peak
4	3933.000	44.15	-29.85	74.00	43.33	29.61	35.16	6.37	---	---	Peak
5	4641.000	45.82	-28.18	74.00	43.02	30.92	35.13	7.01	---	---	Peak
6 @	5889.000	47.20	-26.80	74.00	42.13	32.36	35.25	7.96	---	---	Peak

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Radiated Emission Co-Location (Above 1GHz)			
Operating Mode	3	**Polarization**	H
Operating Function	(Z Plane) FAP-U321EV + WiFi 2.4G+5G+BT , USB R/W + LAN 1Gbps (LAN2) + PoE Adapter(LAN1)		



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1532.000	39.07	-34.93	74.00	43.80	25.73	34.72	4.26	---	---	Peak
2	1900.000	40.17	-33.83	74.00	44.03	26.10	34.64	4.68	---	---	Peak
3	2990.000	41.69	-32.31	74.00	42.83	28.27	35.10	5.69	---	---	Peak
4	4017.000	44.12	-29.88	74.00	43.13	29.73	35.16	6.42	---	---	Peak
5	4566.000	46.04	-27.96	74.00	43.42	30.81	35.12	6.94	---	---	Peak
6 @	5898.000	47.76	-26.24	74.00	42.69	32.36	35.25	7.96	100	190	Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found spurious emissions (No spurious emissions were detected.)
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)