FCC Test Report

Equipment	:	Home Wi-Fi Solution Kit
Brand Name	:	AirTies
Model No.	:	Air 4930
FCC ID	:	Z3WAIR4930
Standard	:	47 CFR FCC Part 15.247
Operating Band	:	2400 MHz – 2483.5 MHz
Function	:	☒ Point-to-multipoint; ☐ Point-to-point
Applicant	:	AirTies Wireless Networks Mithat Uluunlu Sokak No. 23 Esentepe, Sisli Istanbul, 34394 Turkey
Manufacturer	:	AirTies Wireless Networks Mithat Uluunlu Sokak No. 23 Esentepe, Sisli Istanbul, 34394 Turkey

The product sample received on Sep. 29, 2017 and completely tested on Feb. 22, 2018. 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.

Cliff Chang
SPORTON INTERNATIONAL INC.

Testing Laboratory
1190

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Summary of Test Result

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

Revision History

Report No.	Version	Description	Issued Date
FR792934AA	Rev. 01	Initial issue of report	Mar. 05, 2018
FR792934AA	Rev. 02	Adding the below 30MHz test resut.	Mar. 07, 2018

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	1TX
2.4-2.4835GHz	802.11g	20	1TX
2.4-2.4835GHz	802.11n HT20	20	2TX
2.4-2.4835GHz	802.11n HT40	40	2TX

Note:
- 2.4G is the 2.4GHz Band (2.4-2.4835GHz).
- 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.
- Nss-Min is the minimum number of spatial streams.
- Nant is the number of outputs. e.g., 2(2,3) means have 2 outputs for port 2 and port 3. 2 means have 2 outputs for port 1 and port 2.

1.1.2 Antenna Information

Ant.	Brand	Model No.	Type	Connector	Gain (dBi)			Remark	
					2.4GHz	5GHz Band 1	5GHz Band 4	2.4GHz	5GHz
1	Airties	Airties#1	Printed	N/A	1.7	1.5	3	Port 1	Port 1
2	Airties	Airties#1	Printed	N/A	-	1.5	3	-	Port 2
3	Airties	Airties#1	Printed	N/A	-	1.5	3	-	Port 3
4	Airties	Airties#1	Printed	N/A	1.7	1.5	3	Port 2	Port 4

Note: 1. The EUT has four antennas.

2. For WLAN 2.4GHz:

For IEEE 802.11b/g mode (1TX/1RX):

Only Ant. 1(Port 1) can be used as transmitting/receiving antenna.

For IEEE 802.11n mode (2TX/2RX):

Ant. 1(Port 1) and Ant. 4(Port 4) can be used as transmitting/receiving antenna.

Ant. 1(Port 1)and Ant. 4(Port 4) could transmit/receive simultaneously.

3. For WLAN 5GHz:

For IEEE 802.11a/n/ac mode (4TX/4RX):

Ant. 1(Port 1), Ant. 2(Port 2), Ant. 3(Port 3) and Ant. 4(Port 4)can be used as transmitting/receiving antenna.

Ant. 1(Port 1), Ant. 2(Port 2), Ant. 3(Port 3) and Ant. 4(Port 4)could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.998	0.009	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.987	0.057	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11n HT20	0.985	0.066	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11n HT40	0.968	0.141	5.928m	300

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming for IEEE 802.11n/ac in 5GHz	☐	Without beamforming
Test Software Version	Mtool_3.0.0.2			

Note: This device supports AP and Mesh mode.

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
- FCC KDB 558074 D01 v04
- FCC KDB 662911 D01 v02r01
- FCC KDB 412172 D01 v01r01

1.3 Testing Location Information

Testing Location			
☐	HWA YA	ADD :	No. 52, Hwa Ya 1st Rd., Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.
		TEL :	886-3-327-3456 FAX : 886-3-318-0055
☒	JHUBEI	ADD :	No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.
		TEL :	886-3-656-9065 FAX : 886-3-656-9085

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-CB	Serway Li / Owen Hsu	20C / 56%	Oct. 13, 2017~Feb. 22, 2018
Radiated above 1GHz	03CH01-CB	Zero Chen / Cola Fan	22°C / 54%	Oct. 11, 2017~Feb. 14, 2018
Radiated below 1GHz		Benson Su		
AC Conduction	CO01-CB	GN Hou	23°C / 62%	Oct. 12, 2017

Test site Designation No. TW0006 with FCC.
Test site registered number IC 4086D with Industry Canada.

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)	3.2 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.7 dB	Confidence levels of 95%
Output Power Measurement	1.33 dB	Confidence levels of 95%
Power Density Measurement	1.27 dB	Confidence levels of 95%
Bandwidth Measurement	9.74×10^{-8}	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	69
2417MHz	72
2422MHz	76
2427MHz	79
2432MHz	81
2437MHz	82
2442MHz	81
2447MHz	80
2452MHz	76
2457MHz	70
2462MHz	64
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	52
2417MHz	56
2422MHz	64
2427MHz	68
2432MHz	74
2437MHz	78
2442MHz	73
2447MHz	70
2452MHz	66
2457MHz	60
2462MHz	51
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	45
2417MHz	55
2422MHz	64
2427MHz	68
2432MHz	74
2437MHz	75
2442MHz	70
2447MHz	65
2452MHz	62
2457MHz	54
2462MHz	43
802.11n HT40_Nss1,(MCS0)_2TX	-
2422MHz	39

Mode	Power Setting
2427MHz	34
2432MHz	41
2437MHz	50
2442MHz	44
2447MHz	39
2452MHz	37

2.2 The Worst Case Measurement Configuration

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

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
1	WLAN 2.4GHz + WLAN 5GHz
Refer to Appendix G for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA792934 for Co-location RF Exposure Evaluation.	

Note: The EUT can only be used at standing position.

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories				
No.	**Equipment Name**	**Brand Name**	**Model Name**	**Rating**
1	Adapter	MOSO	MSA-C1000CS12.0-12A-US	INPUT: 100-240V, 50/60Hz 0.5A max OUTPUT: 12V, 1A

2.5 Support Equipment

For Test Site No: CO01-CB

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB*3	DELL	E6430	DoC

For Test Site No: 03CH01-CB (below 1GHz)

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB*3	DELL	E4300	DoC

For Test Site No: 03CH01-CB (above 1GHz)

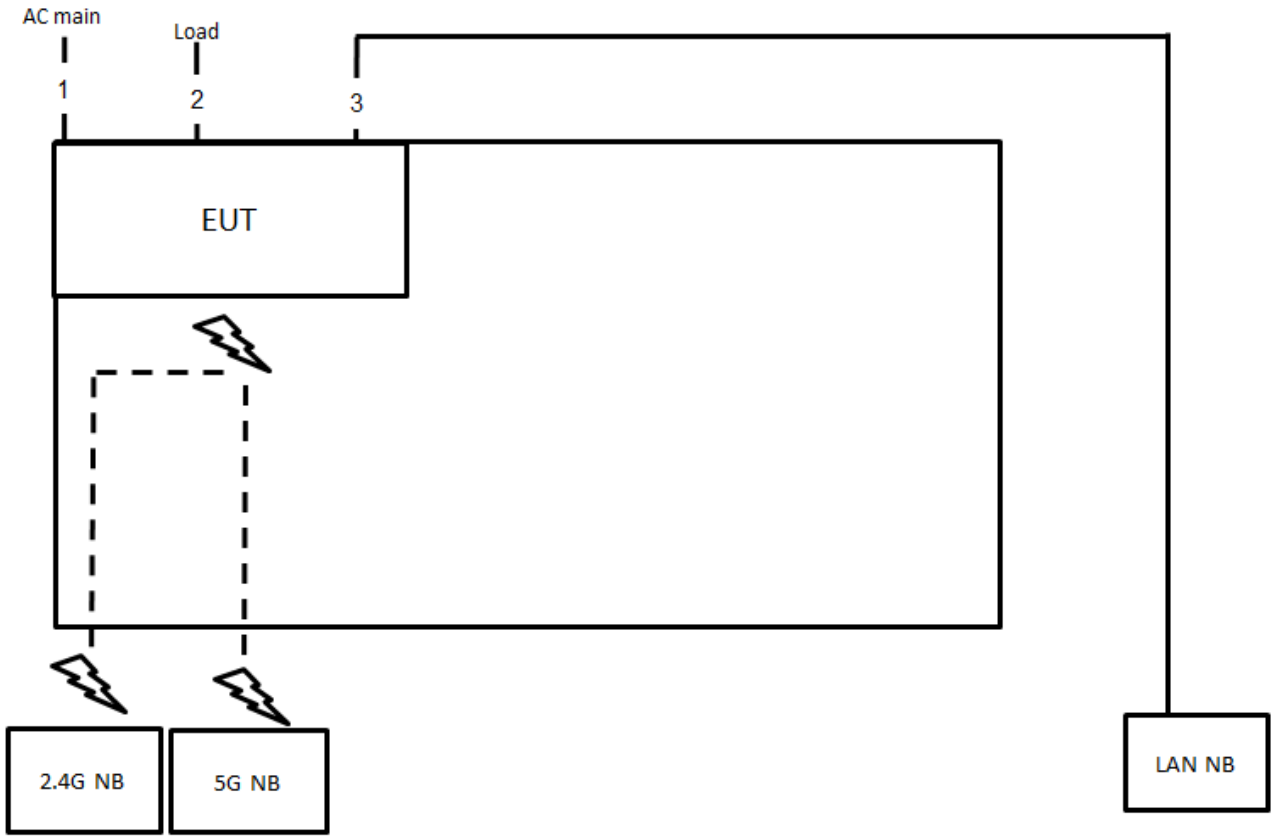
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB	DELL	E4300	DoC

For Test Site No: TH01-CB

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB	DELL	E4300	DoC

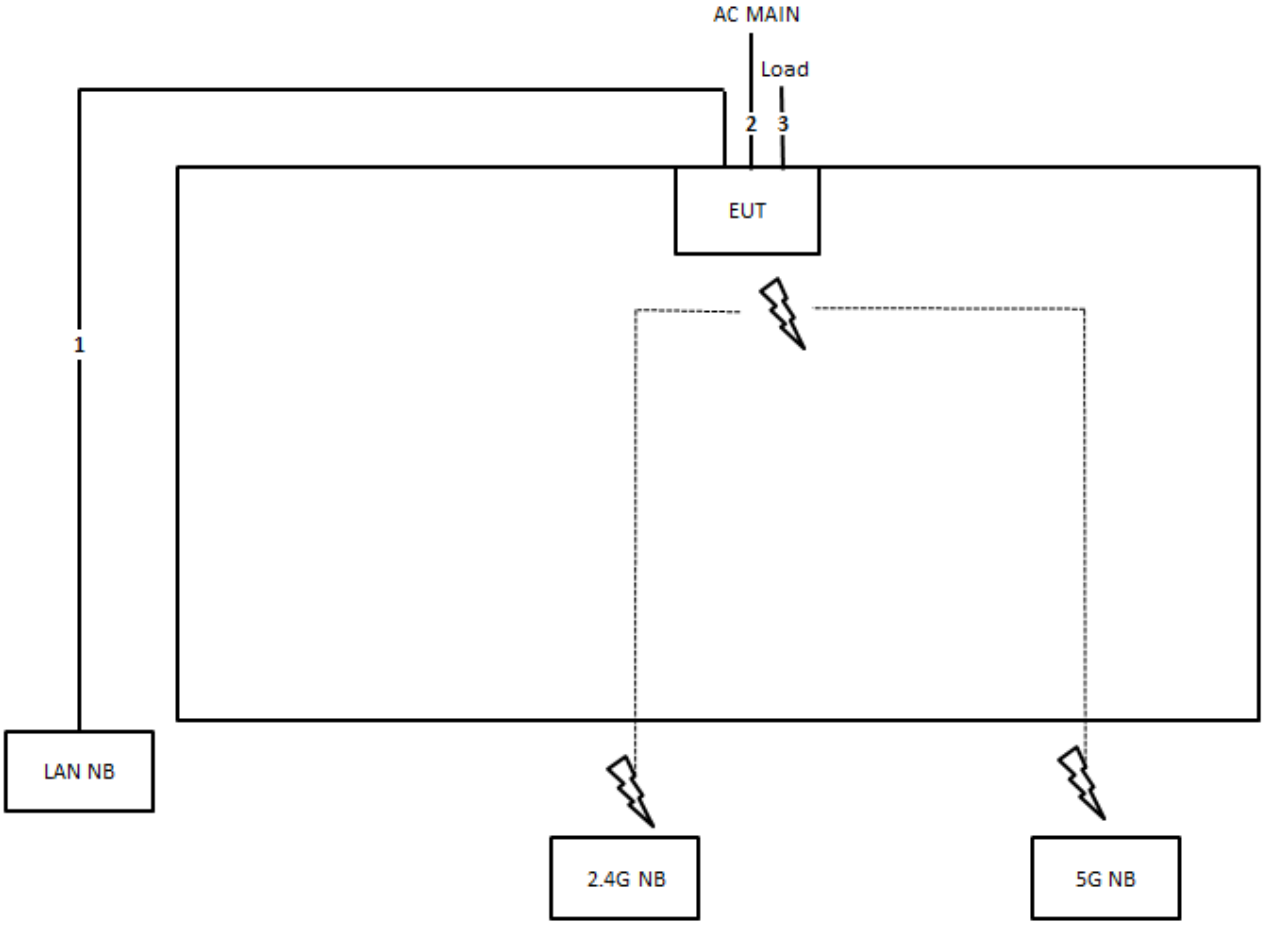
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



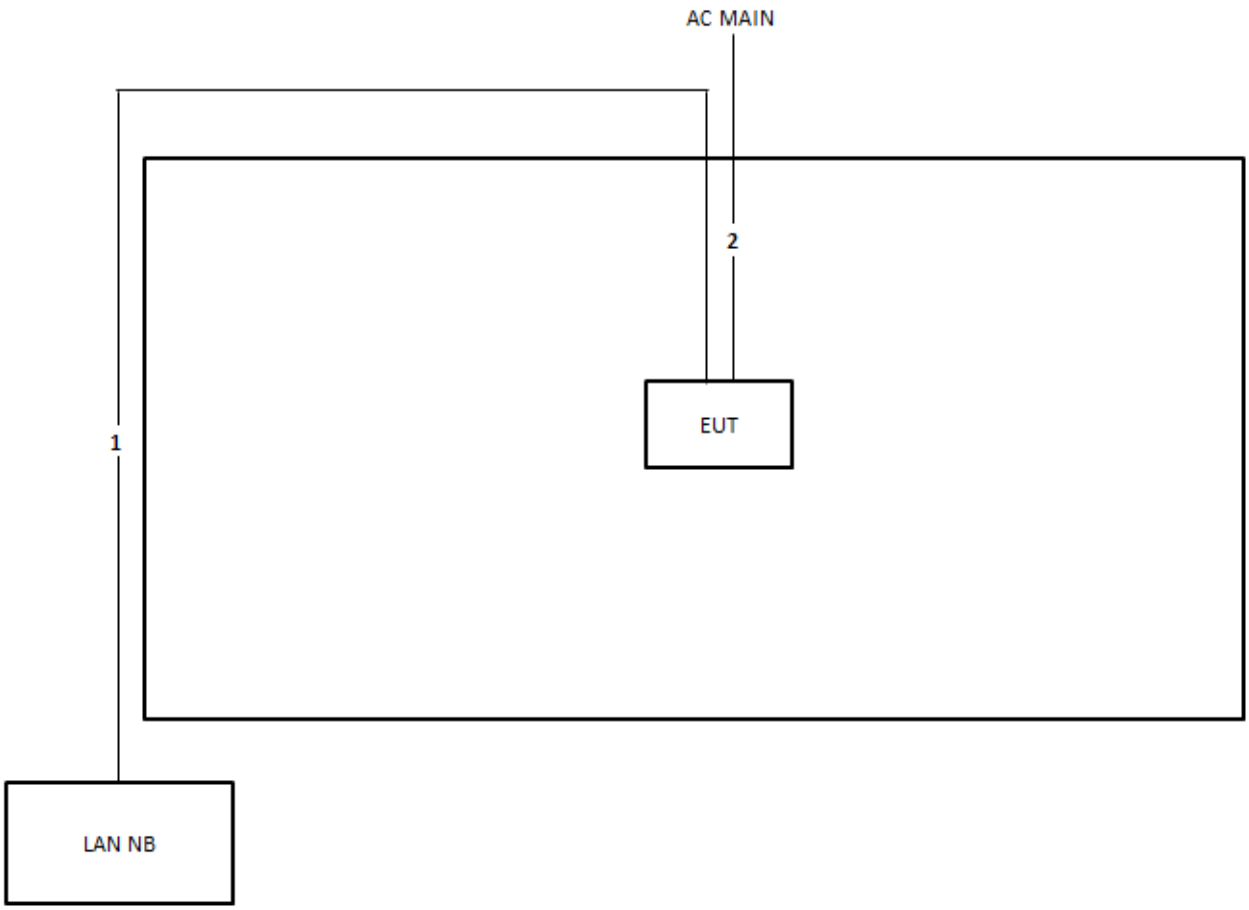
Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	1.5m
3	RJ-45 cable	No	1.5m

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	1.5m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

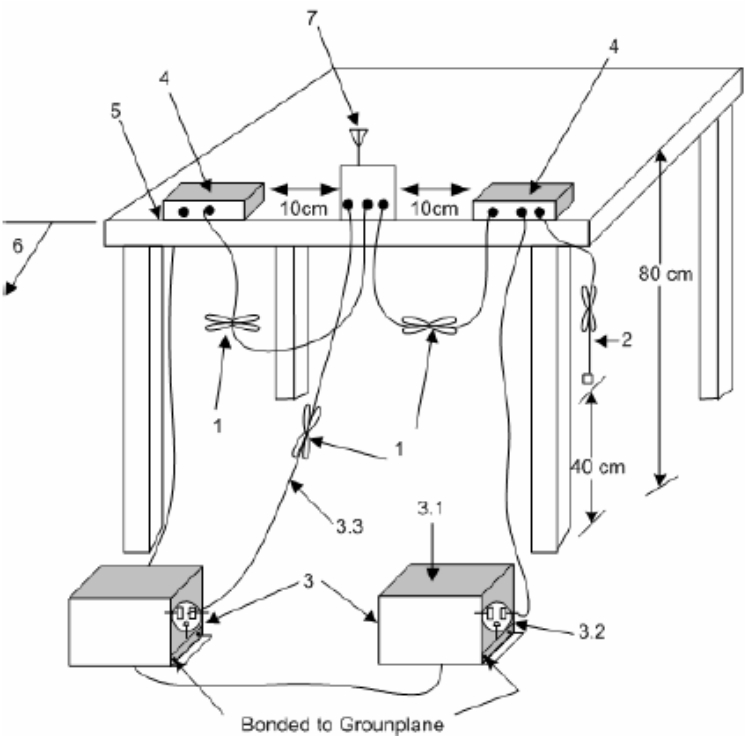
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50 Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

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.

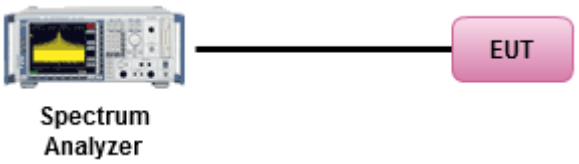
3.2.2 Measuring Instruments

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 FCC KDB 558074, clause 8.1 Option 1 for 6 dB bandwidth measurement.
	☐ Refer as FCC KDB 558074, clause 8.2 Option 2 for 6 dB bandwidth measurement.
	☐ Refer as ANSI C63.10, clause 6.9.1 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
P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

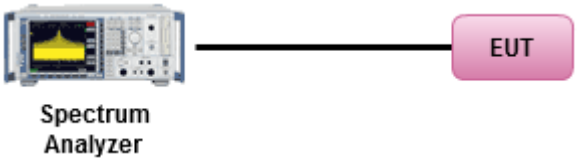
3.3.2 Measuring Instruments

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 FCC KDB 558074, clause 9.1.1 Option 1 (RBW ≥ EBW method).
☐	Refer as FCC KDB 558074, clause 9.1.2 Option 2 (peak power meter for VBW ≥ DTS BW)
▪	Maximum Conducted Output Power
	[duty cycle ≥ 98% or external video / power trigger]
☐	Refer as FCC KDB 558074, clause 9.2.2.2 Method AVGSA-1 (spectral trace averaging).
☐	Refer as FCC KDB 558074, clause 9.2.2.3 Method AVGSA-1 Alt. (slow sweep speed)
	duty cycle < 98% and average over on/off periods with duty factor
☐	Refer as FCC KDB 558074, clause 9.2.2.4 Method AVGSA-2 (spectral trace averaging).
☐	Refer as FCC 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 FCC KDB 558074, clause 9.2.3 Method AVGPM-G (using an RF average power meter).
☐	Refer as FCC KDB 558074, clause 9.1.2 PKPM1 Peak power meter method.
▪	For conducted measurement.
▪	If the EUT supports multiple transmit chains using options given below: Refer as FCC 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: $P_{total} = P_1 + P_2 + … + P_n$ (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 (Spectrum Analyzer)


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

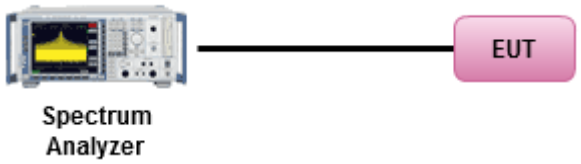
3.4.2 Measuring Instruments

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 FCC KDB 558074, clause 10.2 Method PKPSD (RBW=3-100kHz; Detector=peak).	
	[duty cycle ≥ 98% or external video / power trigger]	
	☐ Refer as FCC KDB 558074, clause 10.3 Method AVGPSD-1 (spectral trace averaging).	
	☐ Refer as FCC KDB 558074, clause 10.4 Method AVGPSD-2 (slow sweep speed)	
	duty cycle < 98% and average over on/off periods with duty factor	
	☐ Refer as FCC KDB 558074, clause 10.5 Method AVGPSD-1 Alt (spectral trace averaging).	
	☐ Refer as FCC KDB 558074, clause 10.6 Method AVGPSD-2 Alt. (slow sweep speed)	
▪ For conducted measurement.		
	▪ If The EUT supports multiple transmit chains using options given below:	
		☒ Option 1: Measure and sum the spectra across the outputs. Refer as FCC 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.
		☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
		☐ Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.

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.	

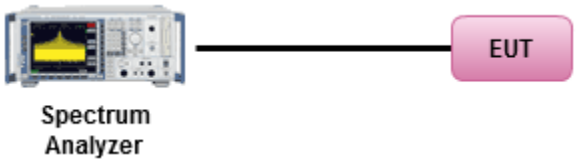
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup

Emissions in Non-restricted Frequency Bands


3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

3.6.2 Measuring Instruments

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

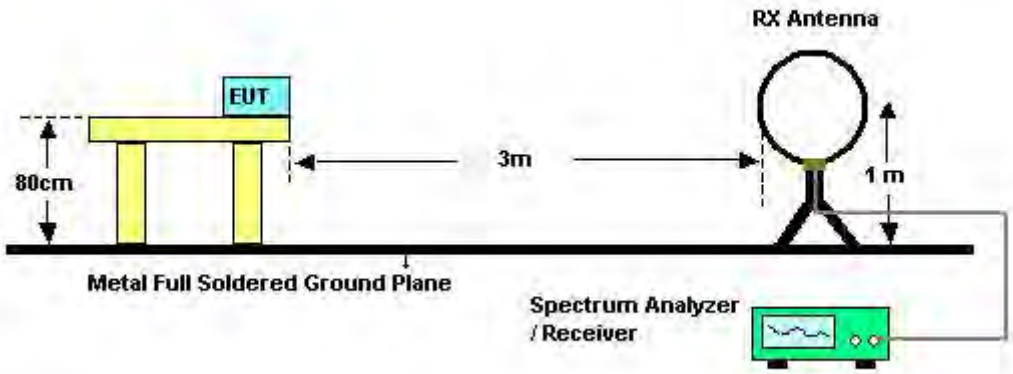
3.6.3 Test Procedures

Test Method		
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].		
▪ Refer as ANSI C63.10, clause 6.9.2.2 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 FCC KDB 558074, clause 12 for unwanted emissions into restricted bands.	
		☐ Refer as FCC KDB 558074, clause 12.2.5.1 Option 1 (trace averaging for duty cycle ≥98%)
		☐ Refer as FCC KDB 558074, clause 12.2.5.2 Option 2 (trace averaging + duty factor).
		☒ Refer as FCC KDB 558074, clause 12.2.5.3 Option 3 (Reduced VBW≥1/T).
		☐ Refer as ANSI C63.10, clause 4.2.3.2.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
		☐ Refer as ANSI C63.10, clause 4.2.3.2.4 average value of pulsed emissions.
		☒ Refer as FCC 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 FCC 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 FCC KDB 558074, clause 13.2 (ANSI C63.10, clause 6.9.3) for marker-delta method for band-edge measurements.	
	▪ Refer as FCC 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 FCC 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 FCC 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.	

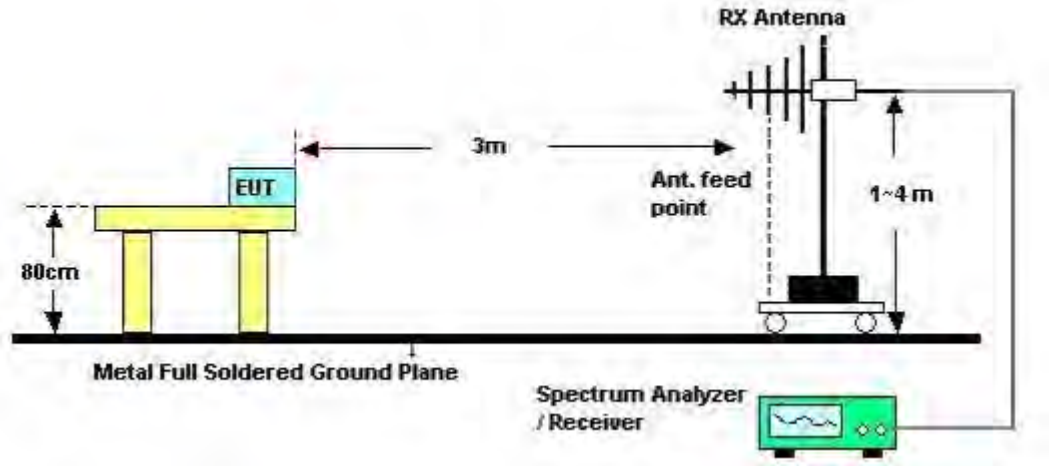
3.6.4 Test Setup

Transmitter Radiated Emissions

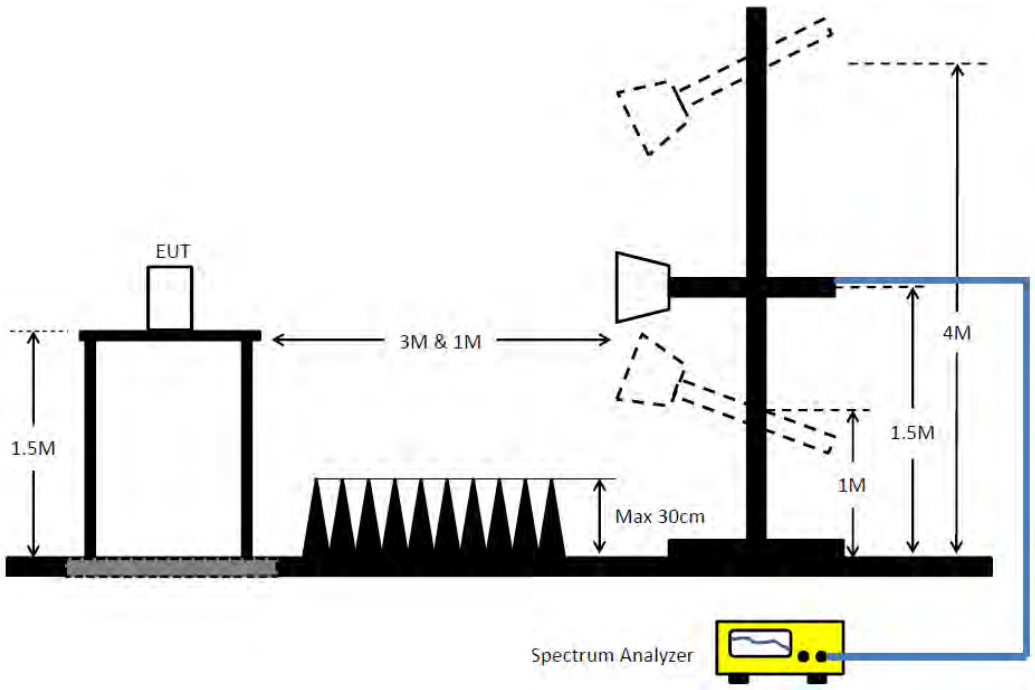
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.6.5 Transmitter Radiated Unwanted Emissions (Below 30MHz)

Refer as Appendix F

3.6.6 Test Result of Transmitter Radiated Unwanted Emissions

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.45GHz	Jan. 23, 2017	Jan. 22, 2018	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Dec. 14, 2016	Dec. 13, 2017	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Dec. 21, 2016	Dec. 20, 2017	Conduction (CO01-CB)
COND Cable	Woken	Cable	01	150kHz ~ 30MHz	May 23, 2017	May 22, 2018	Conduction (CO01-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 16, 2016*	Mar. 15, 2018*	Radiation (03CH01-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Aug. 30, 2017	Aug. 29, 2018	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 10, 2016	Nov. 09, 2017	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 20, 2017	Nov. 19, 2018	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 05, 2017	Jul. 04, 2018	Radiation (03CH01-CB)
Pre-Amplifier	EMCI	EMC330N	980332	20MHz ~ 3GHz	May 02, 2017	May 01, 2018	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 16, 2017	Jan. 15, 2018	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 09, 2018	Jan. 08, 2019	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 10, 2017	Jul. 09, 2018	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Nov. 22, 2016	Nov. 21, 2017	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Nov. 23, 2017	Nov. 22, 2018	Radiation (03CH01-CB)
EMI Test	R&S	ESCS	100355	9kHz ~ 2.75GHz	May 06, 2017	May 05, 2018	Radiation (03CH01-CB)
RF Cable-low	Woken	Low Cable-16+17	N/A	30 MHz ~ 1 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16+17	N/A	1 GHz ~ 18 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)

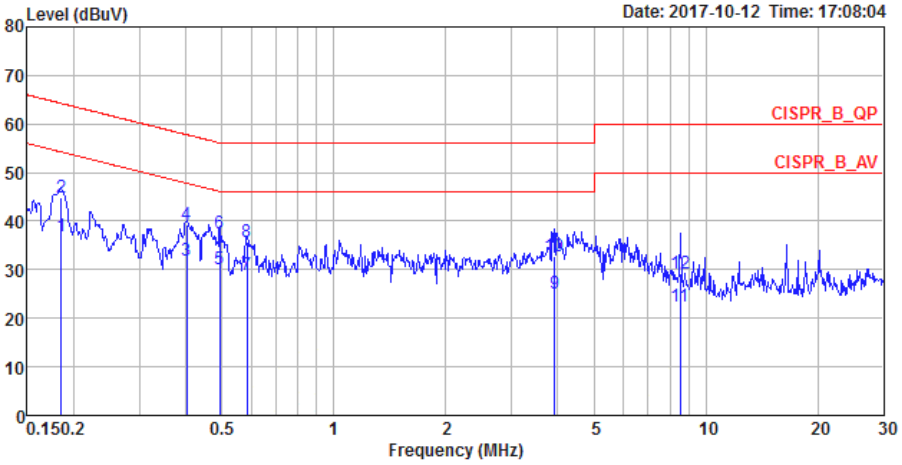
Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 26, 2016	Dec. 25, 2017	Conducted (TH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 21, 2017	Dec. 20, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 22, 2016	Nov. 21, 2017	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 20, 2017	Nov. 19, 2018	Conducted (TH01-CB)

Note: Calibration Interval of instruments listed above is one year.

"*" Calibration Interval of instruments listed above is two years.

N.C.R. means Non-Calibration required.

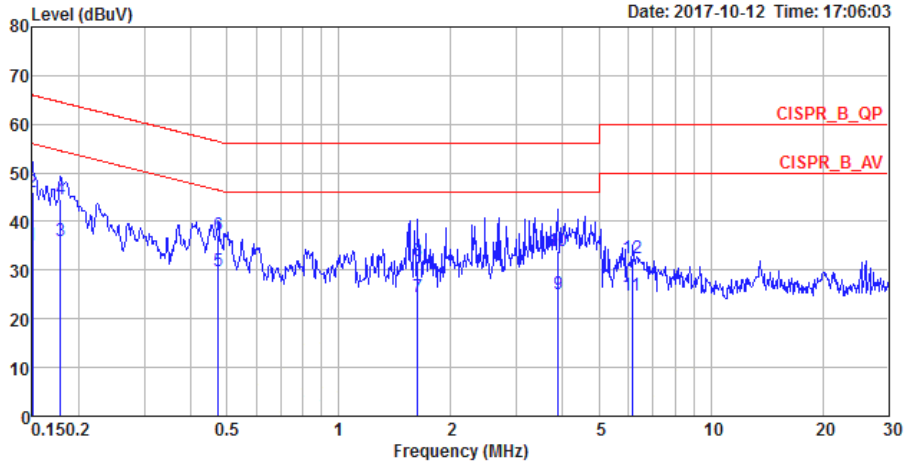
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	Normal Link		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark	Pol/Phase
	MHz	dBuV	dB	dBuV	dBuV	dB	dB		
1	0.1854	36.82	-17.42	54.24	26.80	9.97	0.05	Average	NEUTRAL
2	0.1854	44.94	-19.30	64.24	34.92	9.97	0.05	QP	NEUTRAL
3	0.4019	31.90	-15.91	47.81	21.90	9.96	0.04	Average	NEUTRAL
4	0.4019	39.26	-18.55	57.81	29.26	9.96	0.04	QP	NEUTRAL
5	0.4941	30.21	-15.89	46.10	20.20	9.97	0.04	Average	NEUTRAL
6	0.4941	37.39	-18.71	56.10	27.38	9.97	0.04	QP	NEUTRAL
7	0.5854	28.91	-17.09	46.00	18.89	9.97	0.05	Average	NEUTRAL
8	0.5854	35.72	-20.28	56.00	25.70	9.97	0.05	QP	NEUTRAL
9	3.9222	25.15	-20.85	46.00	14.94	10.08	0.13	Average	NEUTRAL
10	3.9222	32.67	-23.33	56.00	22.46	10.08	0.13	QP	NEUTRAL
11	8.5463	22.29	-27.71	50.00	11.96	10.15	0.18	Average	NEUTRAL
12	8.5463	29.22	-30.78	60.00	18.89	10.15	0.18	QP	NEUTRAL

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

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



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark	Pol/Phase
	MHz	dBuV	dB	dBuV	dBuV	dB	dB		
1	0.1500	35.21	-20.79	56.00	25.22	9.95	0.04	Average	LINE
2	0.1500	46.03	-19.97	66.00	36.04	9.95	0.04	QP	LINE
3	0.1787	36.10	-18.45	54.55	26.11	9.94	0.05	Average	LINE
4	0.1787	44.63	-19.92	64.55	34.64	9.94	0.05	QP	LINE
5	0.4736	29.77	-16.68	46.45	19.83	9.90	0.04	Average	LINE
6	0.4736	37.10	-19.35	56.45	27.16	9.90	0.04	QP	LINE
7	1.6276	24.61	-21.39	46.00	14.53	10.01	0.07	Average	LINE
8	1.6276	31.92	-24.08	56.00	21.84	10.01	0.07	QP	LINE
9	3.8808	25.04	-20.96	46.00	14.96	9.95	0.13	Average	LINE
10	3.8808	33.87	-22.13	56.00	23.79	9.95	0.13	QP	LINE
11	6.1534	24.71	-25.29	50.00	14.56	10.00	0.15	Average	LINE
12	6.1534	32.38	-27.62	60.00	22.23	10.00	0.15	QP	LINE

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)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	9M	12.544M	12M5G1D	8.05M	10.12M
802.11g_Nss1,(6Mbps)_1TX	14.975M	16.692M	16M7D1D	14.4M	16.342M
802.11n HT20_Nss1,(MCS0)_2TX	17.25M	17.616M	17M6D1D	14.325M	17.441M
802.11n HT40_Nss1,(MCS0)_2TX	36.3M	36.282M	36M3D1D	31.3M	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;

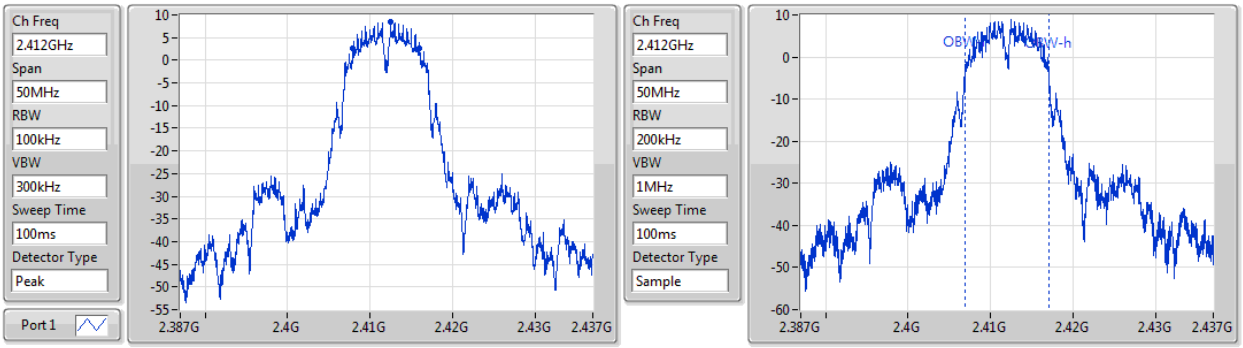
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	500k	8.075M	10.12M		
2437MHz	Pass	500k	9M	12.544M		
2462MHz	Pass	500k	8.05M	10.12M		
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	500k	14.8M	16.342M		
2437MHz	Pass	500k	14.975M	16.692M		
2462MHz	Pass	500k	14.4M	16.342M		
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15M	17.441M	16.675M	17.466M
2437MHz	Pass	500k	14.325M	17.616M	15.05M	17.541M
2462MHz	Pass	500k	14.975M	17.441M	17.25M	17.491M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	31.3M	36.132M	35.1M	36.132M
2437MHz	Pass	500k	35M	36.232M	36.3M	36.282M
2452MHz	Pass	500k	35.1M	36.132M	35.05M	36.132M

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

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

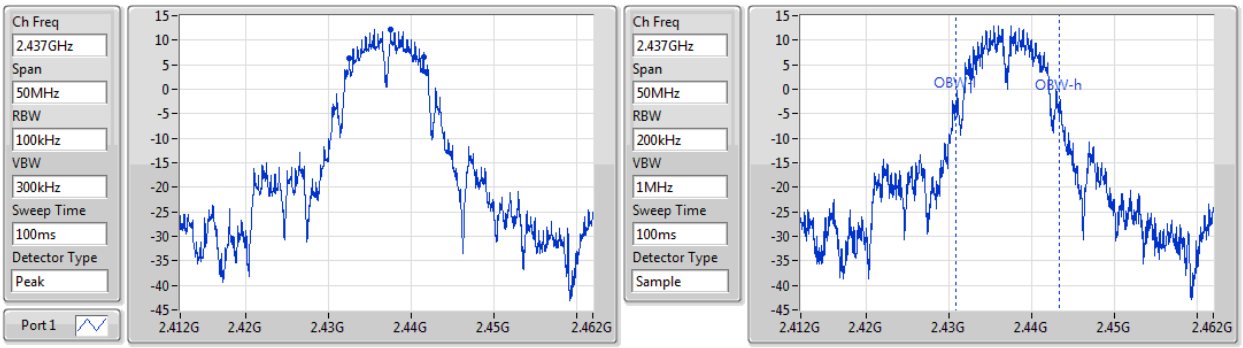
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.075M	2.40795G	2.416025G	10.12M	2.406928G	2.417047G	500k	1

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

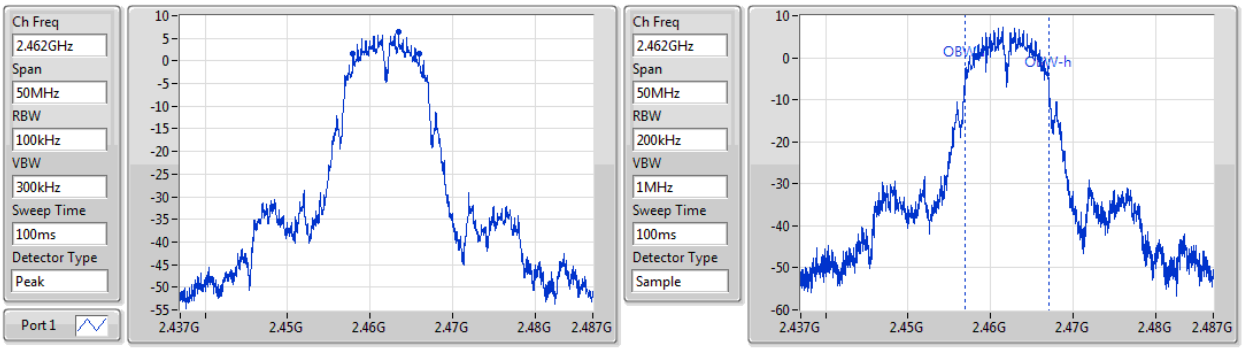
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9M	2.4325G	2.4415G	12.544M	2.430753G	2.443297G	500k	1

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

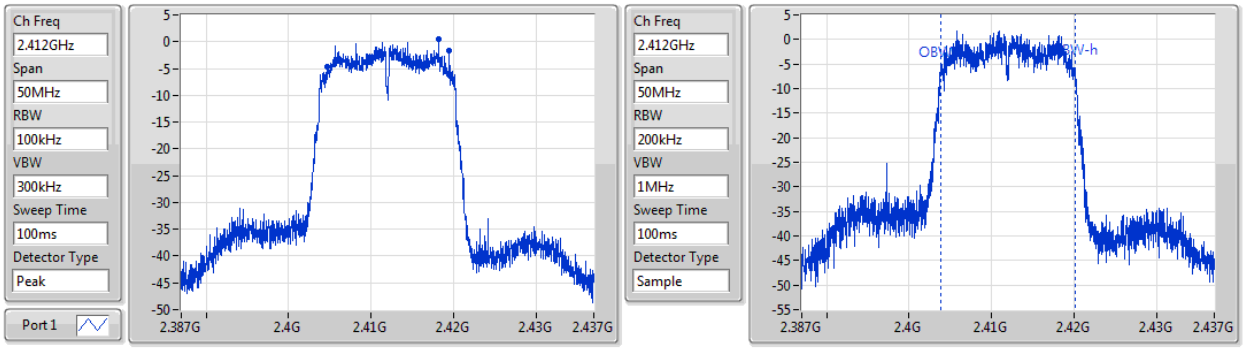
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.05M	2.45795G	2.466G	10.12M	2.456903G	2.467022G	500k	1

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

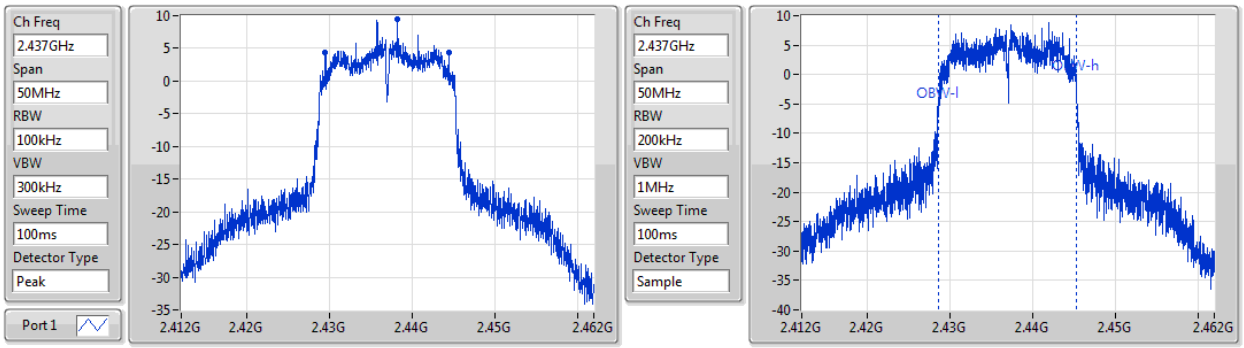
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.8M	2.4047G	2.4195G	16.342M	2.403804G	2.420146G	500k	1

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

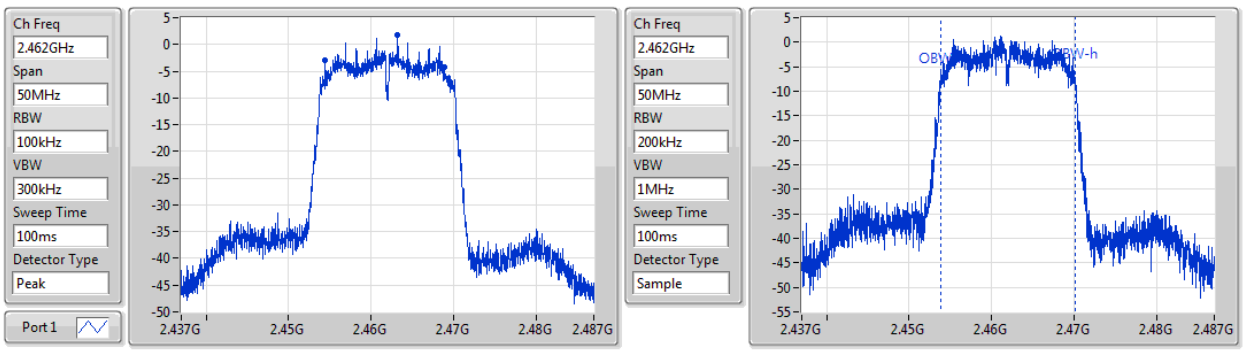
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.975M	2.429475G	2.44445G	16.692M	2.428629G	2.445321G	500k	1

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

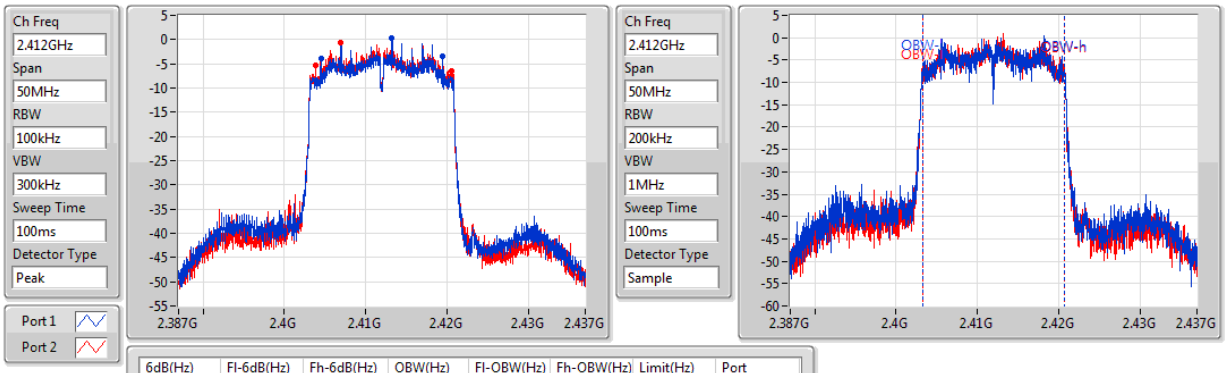
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.4M	2.454475G	2.468875G	16.342M	2.453804G	2.470146G	500k	1

802.11n HT20_Nss1,(MCS0)_2TX EBW

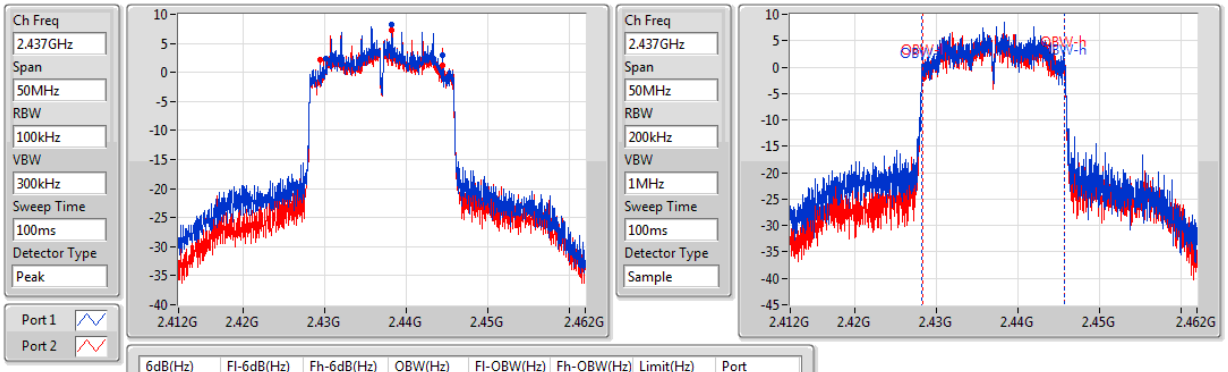
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15M	2.4045G	2.4195G	17.441M	2.403254G	2.420696G	500k	1
16.675M	2.403825G	2.4205G	17.466M	2.403229G	2.420696G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

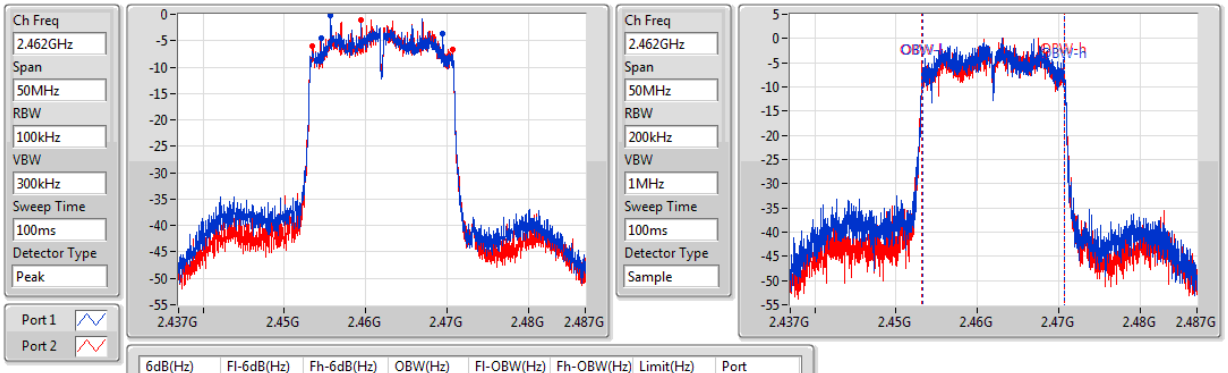
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.325M	2.4301G	2.444425G	17.616M	2.428154G	2.445771G	500k	1
15.05M	2.42945G	2.4445G	17.541M	2.428229G	2.445771G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

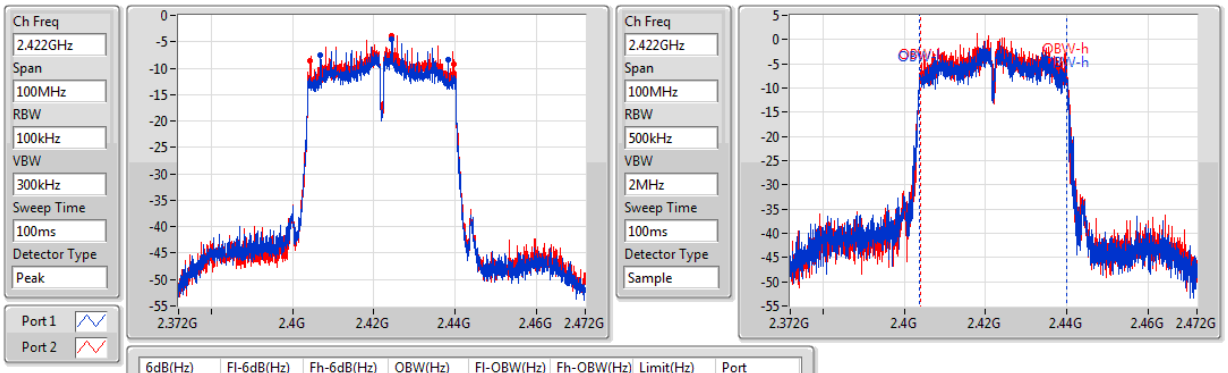
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.975M	2.454525G	2.4695G	17.441M	2.453229G	2.470671G	500k	1
17.25M	2.453475G	2.470725G	17.491M	2.453204G	2.470696G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

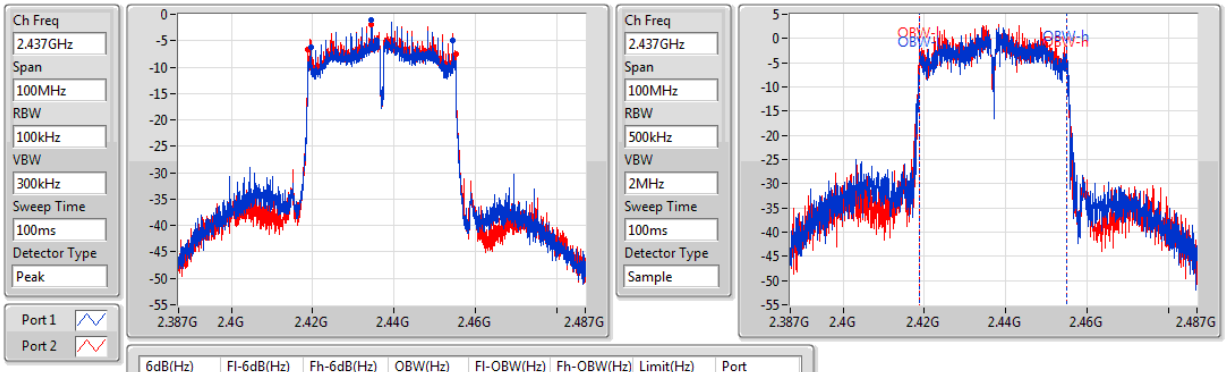
2422MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
31.3M	2.40695G	2.43825G	36.132M	2.403859G	2.439991G	500k	1
35.1M	2.40445G	2.43955G	36.132M	2.403909G	2.440041G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

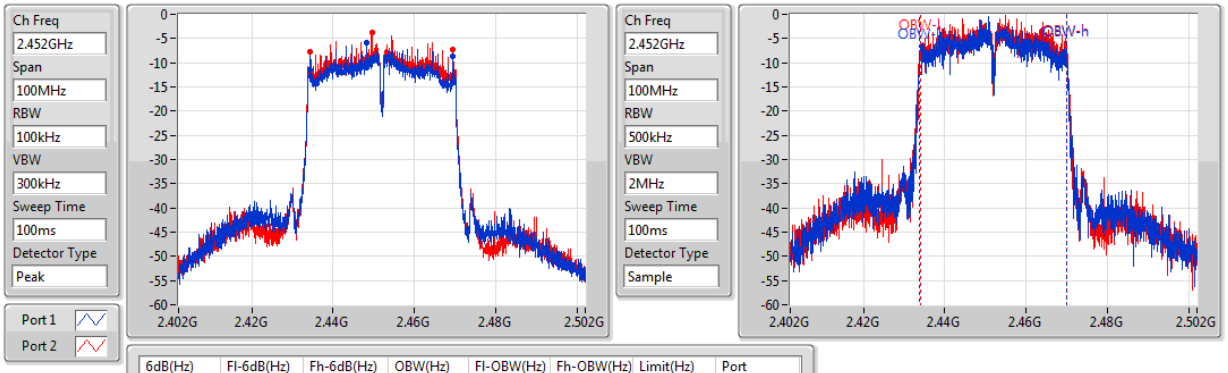
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35M	2.4195G	2.4545G	36.232M	2.418859G	2.455091G	500k	1
36.3M	2.41885G	2.45515G	36.282M	2.418759G	2.455041G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2452MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.1M	2.4344G	2.4695G	36.132M	2.433859G	2.469991G	500k	1
35.05M	2.43445G	2.4695G	36.132M	2.433909G	2.470041G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	21.63	0.14555
802.11g_Nss1,(6Mbps)_1TX	19.73	0.09397
802.11n HT20_Nss1,(MCS0)_2TX	21.88	0.15417
802.11n HT40_Nss1,(MCS0)_2TX	15.45	0.03508

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	1.70	17.54		17.54	30.00
2417MHz	Pass	1.70	18.67		18.67	30.00
2422MHz	Pass	1.70	20.33		20.33	30.00
2427MHz	Pass	1.70	21.36		21.36	30.00
2432MHz	Pass	1.70	21.48		21.48	30.00
2437MHz	Pass	1.70	21.63		21.63	30.00
2442MHz	Pass	1.70	21.57		21.57	30.00
2447MHz	Pass	1.70	21.41		21.41	30.00
2452MHz	Pass	1.70	20.27		20.27	30.00
2457MHz	Pass	1.70	18.83		18.83	30.00
2462MHz	Pass	1.70	16.31		16.31	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	1.70	12.97		12.97	30.00
2417MHz	Pass	1.70	14.27		14.27	30.00
2422MHz	Pass	1.70	16.15		16.15	30.00
2427MHz	Pass	1.70	17.41		17.41	30.00
2432MHz	Pass	1.70	18.69		18.69	30.00
2437MHz	Pass	1.70	19.73		19.73	30.00
2442MHz	Pass	1.70	18.37		18.37	30.00
2447MHz	Pass	1.70	18.25		18.25	30.00
2452MHz	Pass	1.70	16.97		16.97	30.00
2457MHz	Pass	1.70	15.52		15.52	30.00
2462MHz	Pass	1.70	12.72		12.72	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.70	11.48	11.71	14.61	30.00
2417MHz	Pass	1.70	14.89	14.12	17.53	30.00
2422MHz	Pass	1.70	16.88	16.04	19.49	30.00
2427MHz	Pass	1.70	17.83	17.27	20.57	30.00
2432MHz	Pass	1.70	19.04	18.69	21.88	30.00
2437MHz	Pass	1.70	18.96	18.55	21.77	30.00
2442MHz	Pass	1.70	18.43	17.98	21.22	30.00
2447MHz	Pass	1.70	16.83	16.39	19.63	30.00
2452MHz	Pass	1.70	16.45	15.91	19.20	30.00
2457MHz	Pass	1.70	14.14	13.92	17.04	30.00
2462MHz	Pass	1.70	11.25	11.32	14.30	30.00

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	1.70	9.52	10.36	12.97	30.00
2427MHz	Pass	1.70	9.15	8.44	11.82	30.00
2432MHz	Pass	1.70	12.19	10.63	14.49	30.00
2437MHz	Pass	1.70	12.19	12.67	15.45	30.00
2442MHz	Pass	1.70	11.53	11.57	14.56	30.00
2447MHz	Pass	1.70	11.49	10.21	13.91	30.00
2452MHz	Pass	1.70	8.87	9.64	12.28	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-1.69
802.11g_Nss1,(6Mbps)_1TX	-5.52
802.11n HT20_Nss1,(MCS0)_2TX	-5.02
802.11n HT40_Nss1,(MCS0)_2TX	-12.69

RBW=3kHz.

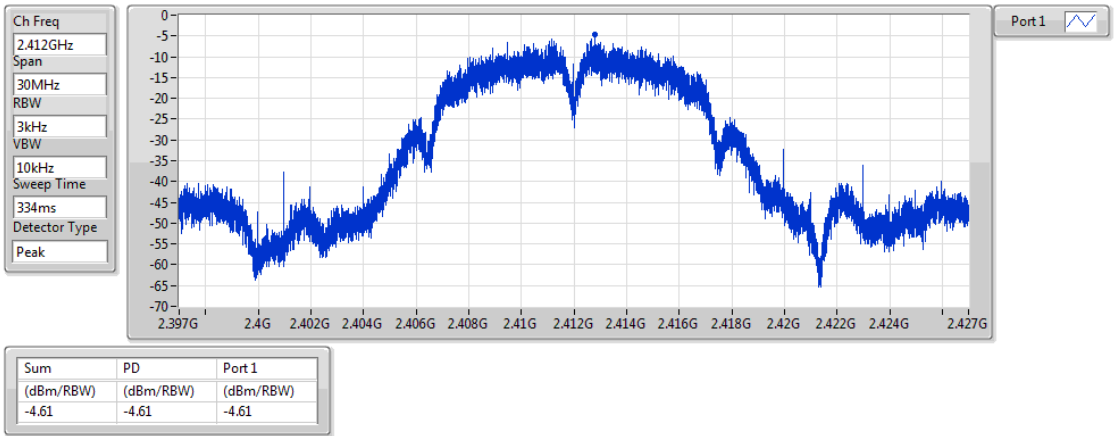
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	1.70	-4.61		-4.61	8.00
2437MHz	Pass	1.70	-1.69		-1.69	8.00
2462MHz	Pass	1.70	-6.41		-6.41	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	1.70	-11.80		-11.80	8.00
2437MHz	Pass	1.70	-5.52		-5.52	8.00
2462MHz	Pass	1.70	-12.78		-12.78	8.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.71	-13.79	-13.12	-12.29	8.00
2437MHz	Pass	4.71	-6.06	-6.31	-5.02	8.00
2462MHz	Pass	4.71	-14.25	-13.75	-12.59	8.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.71	-19.13	-18.03	-16.46	8.00
2437MHz	Pass	4.71	-15.06	-14.77	-12.69	8.00
2452MHz	Pass	4.71	-18.93	-18.27	-17.03	8.00

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

802.11b_Nss1,(1Mbps)_1TX PSD

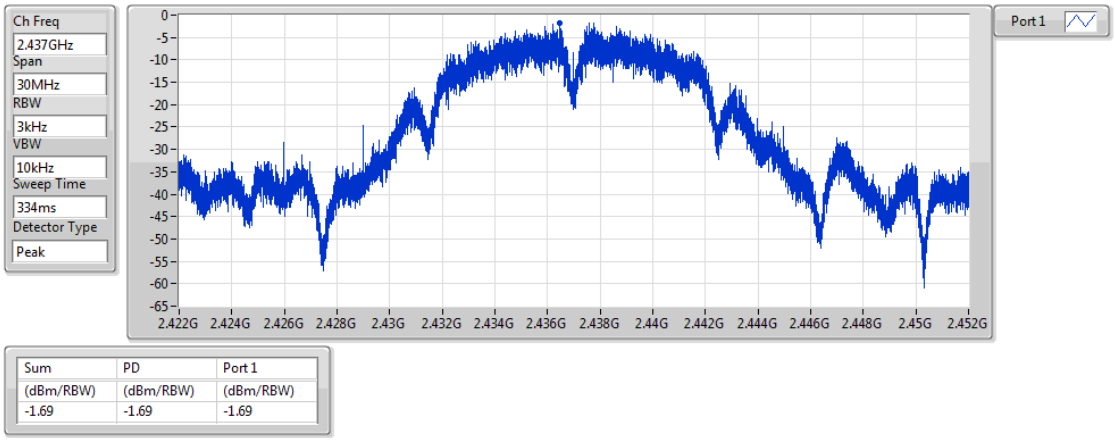
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.61	-4.61	-4.61

802.11b_Nss1,(1Mbps)_1TX PSD

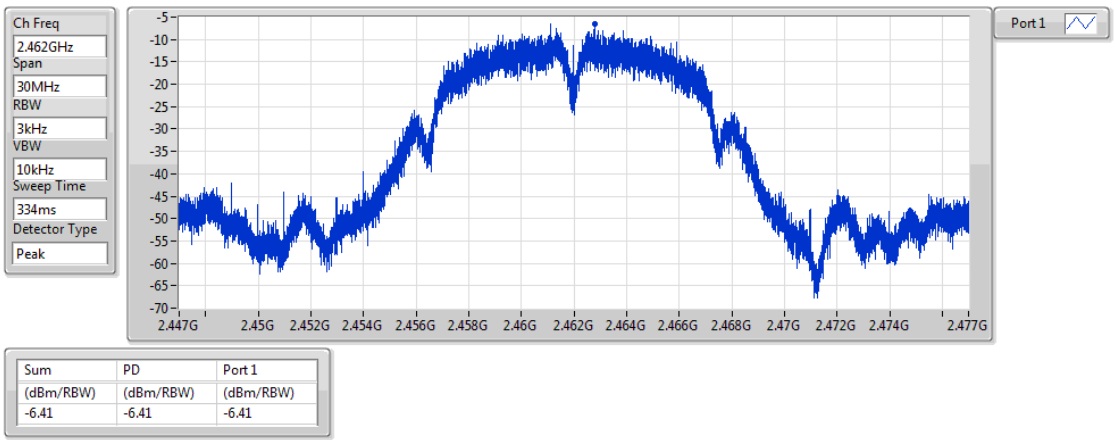
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.69	-1.69	-1.69

802.11b_Nss1,(1Mbps)_1TX PSD

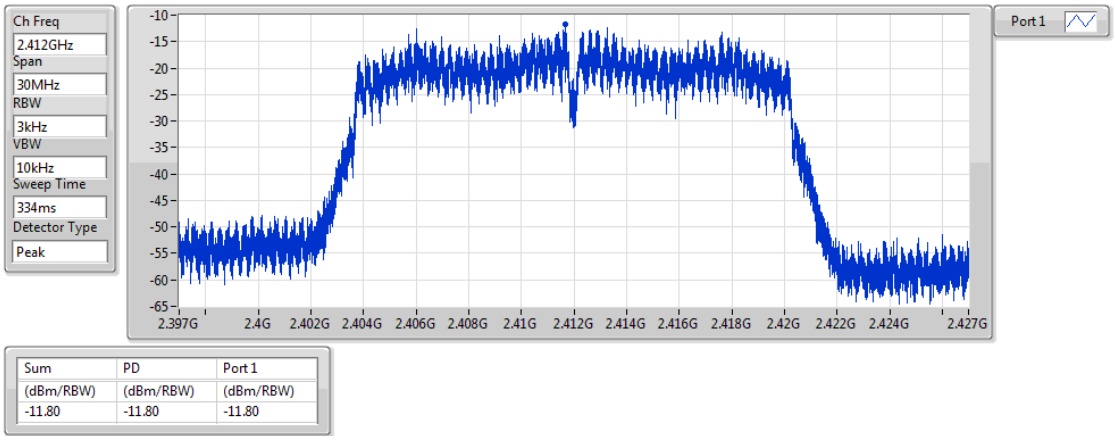
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.41	-6.41	-6.41

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

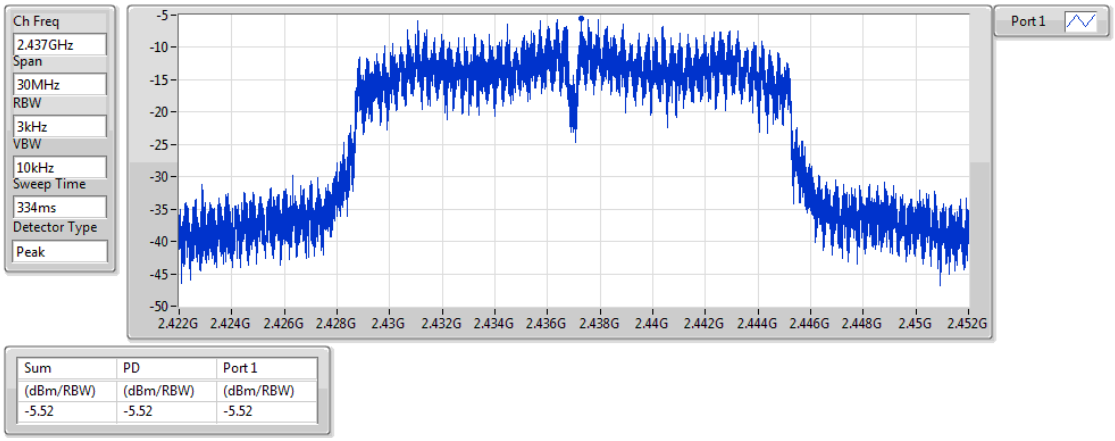
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.80	-11.80	-11.80

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

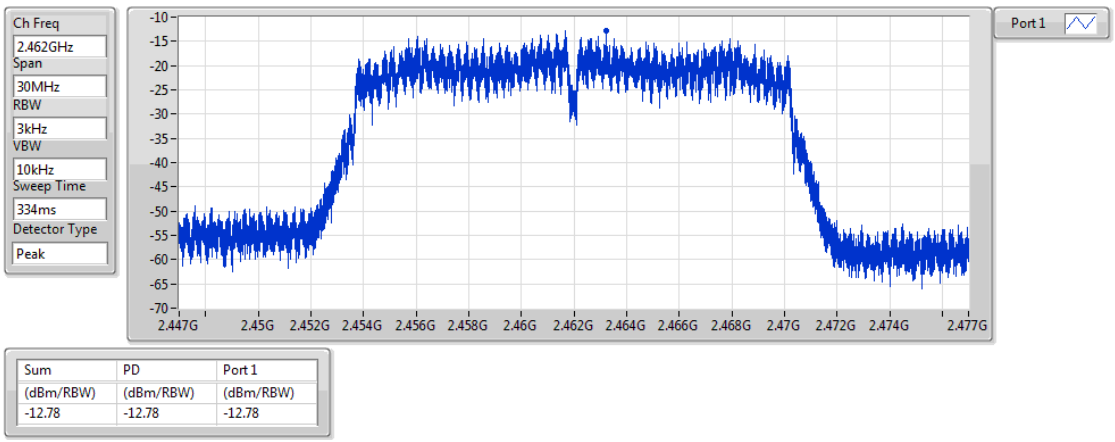
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.52	-5.52	-5.52

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

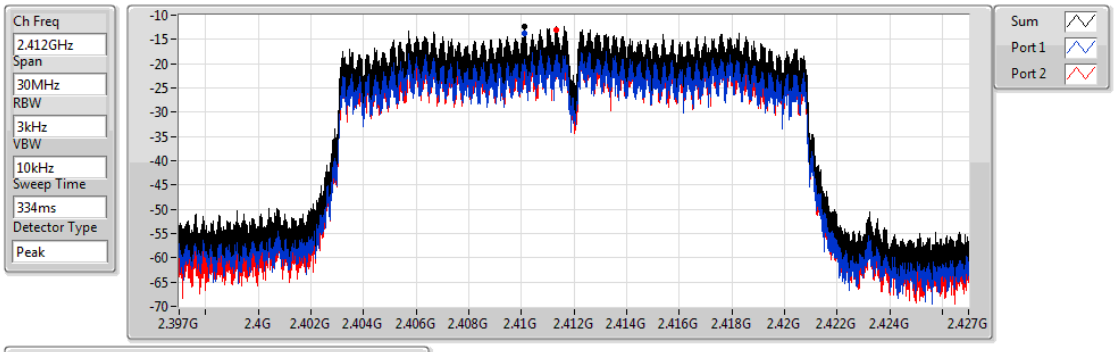
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.78	-12.78	-12.78

802.11n HT20_Nss1,(MCS0)_2TX **PSD**

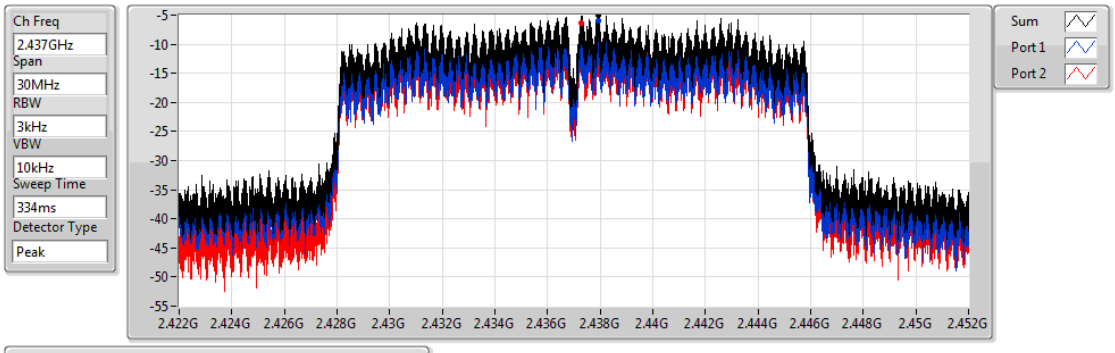
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.29	-12.29	-13.79	-13.12

802.11n HT20_Nss1,(MCS0)_2TX **PSD**

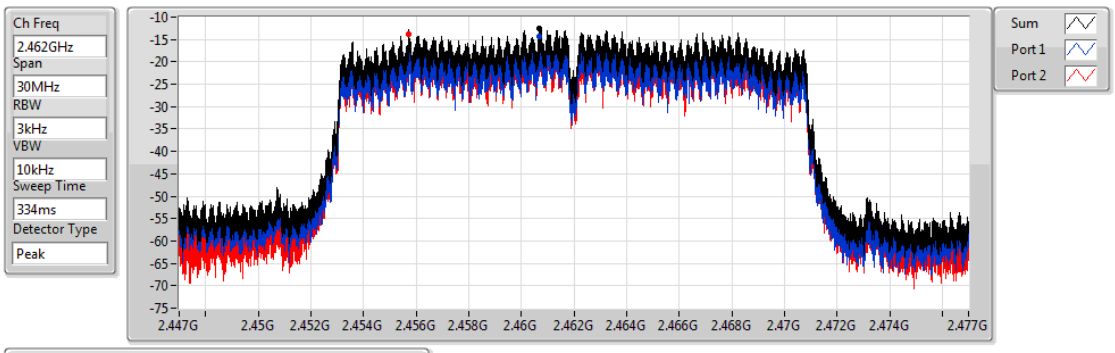
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.02	-5.02	-6.06	-6.31

802.11n HT20_Nss1,(MCS0)_2TX **PSD**

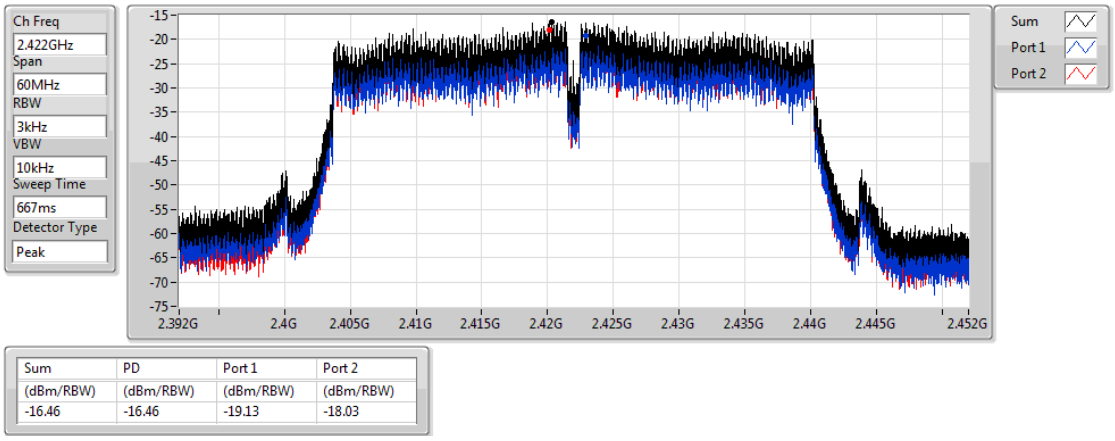
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.59	-12.59	-14.25	-13.75

802.11n HT40_Nss1,(MCS0)_2TX PSD

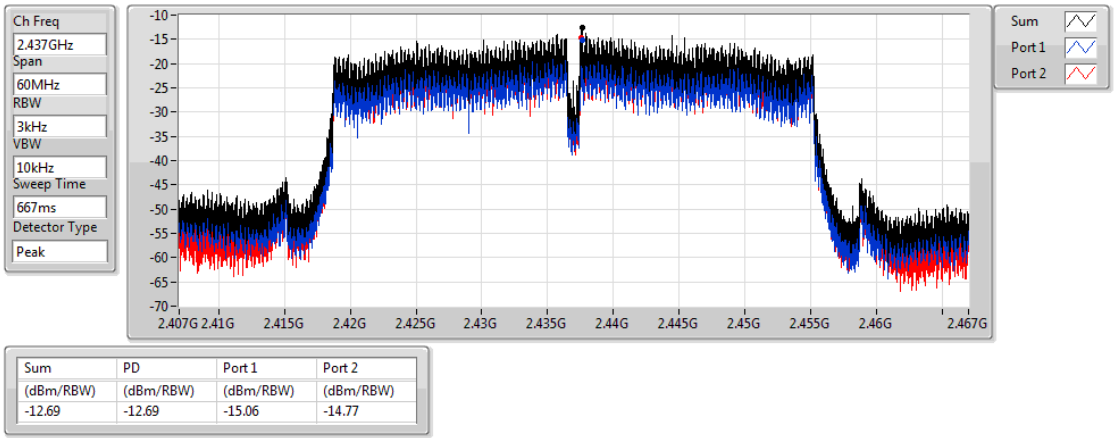
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-16.46	-16.46	-19.13	-18.03

802.11n HT40_Nss1,(MCS0)_2TX PSD

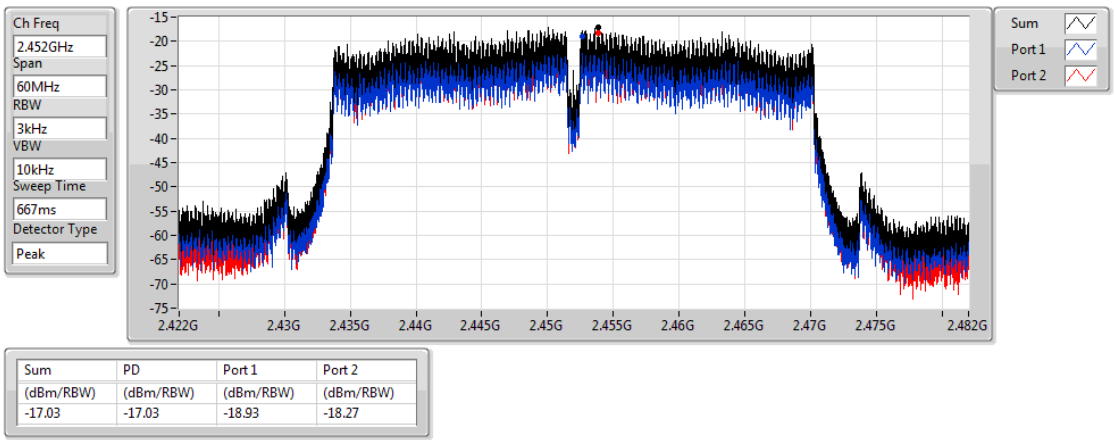
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.69	-12.69	-15.06	-14.77

802.11n HT40_Nss1,(MCS0)_2TX PSD

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-17.03	-17.03	-18.93	-18.27

Summary

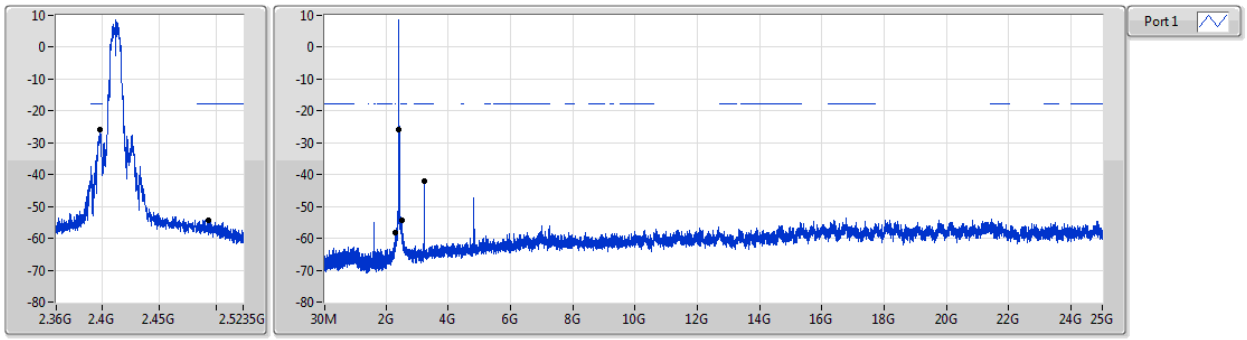
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.437909G	12.24	-17.76	2.309905G	-58.27	2.398G	-25.98	2.49294G	-54.23	3.214652G	-42.15	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.43674G	5.84	-24.16	712.69M	-61.74	2.39752G	-32.94	2.4907G	-56.40	3.214652G	-44.22	1
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.438243G	7.21	-22.79	413.285M	-54.78	2.3996G	-35.74	2.48542G	-41.45	3.248367G	-43.57	1
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.439579G	-1.26	-31.26	885.315M	-62.42	2.39968G	-34.14	2.48398G	-45.37	3.247813G	-46.99	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.437909G	12.24	-17.76	2.309905G	-58.27	2.398G	-25.98	2.49294G	-54.23	3.214652G	-42.15	1
2437MHz	Pass	2.437909G	12.24	-17.76	1.624885G	-48.48	2.39696G	-37.44	2.48398G	-44.58	3.248367G	-44.74	1
2462MHz	Pass	2.437909G	12.24	-17.76	1.641195G	-56.99	2.39296G	-56.37	2.48358G	-46.07	3.282082G	-46.67	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43674G	5.84	-24.16	712.69M	-61.74	2.39752G	-32.94	2.4907G	-56.40	3.214652G	-44.22	1
2437MHz	Pass	2.43674G	5.84	-24.16	2.30874G	-58.92	2.39888G	-33.02	2.48382G	-37.25	3.248367G	-43.33	1
2462MHz	Pass	2.43674G	5.84	-24.16	382.995M	-60.28	2.39224G	-56.36	2.48414G	-41.59	3.282082G	-48.15	1
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.438243G	7.21	-22.79	2.30175G	-61.54	2.39288G	-35.98	2.4923G	-57.20	3.214652G	-44.91	1
2412MHz	Pass	2.438243G	7.21	-22.79	2.307575G	-62.01	2.39672G	-35.81	2.4907G	-56.15	24.811759G	-53.30	2
2437MHz	Pass	2.438243G	7.21	-22.79	413.285M	-54.78	2.3996G	-35.74	2.48542G	-41.45	3.248367G	-43.57	1
2437MHz	Pass	2.438243G	7.21	-22.79	2.30641G	-60.16	2.39792G	-38.73	2.4839G	-44.66	17.394514G	-54.03	2
2462MHz	Pass	2.438243G	7.21	-22.79	2.30408G	-63.14	2.3976G	-58.33	2.48454G	-43.11	3.282082G	-48.52	1
2462MHz	Pass	2.438243G	7.21	-22.79	925.885M	-62.89	2.39728G	-56.62	2.48382G	-44.60	16.753934G	-54.04	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.439579G	-1.26	-31.26	921.955M	-62.60	2.3992G	-38.91	2.48382G	-56.03	3.228181G	-46.83	1
2422MHz	Pass	2.439579G	-1.26	-31.26	2.309695G	-60.38	2.39984G	-38.64	2.48478G	-56.43	16.353534G	-53.28	2
2437MHz	Pass	2.439579G	-1.26	-31.26	885.315M	-62.42	2.39968G	-34.14	2.48398G	-45.37	3.247813G	-46.99	1
2437MHz	Pass	2.439579G	-1.26	-31.26	875.01M	-61.89	2.39584G	-35.23	2.48382G	-45.97	21.785971G	-54.24	2
2452MHz	Pass	2.439579G	-1.26	-31.26	842.95M	-62.29	2.39856G	-55.80	2.48942G	-43.21	3.267445G	-49.21	1
2452MHz	Pass	2.439579G	-1.26	-31.26	683.795M	-61.79	2.39824G	-56.33	2.49006G	-44.24	16.748977G	-54.46	2

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

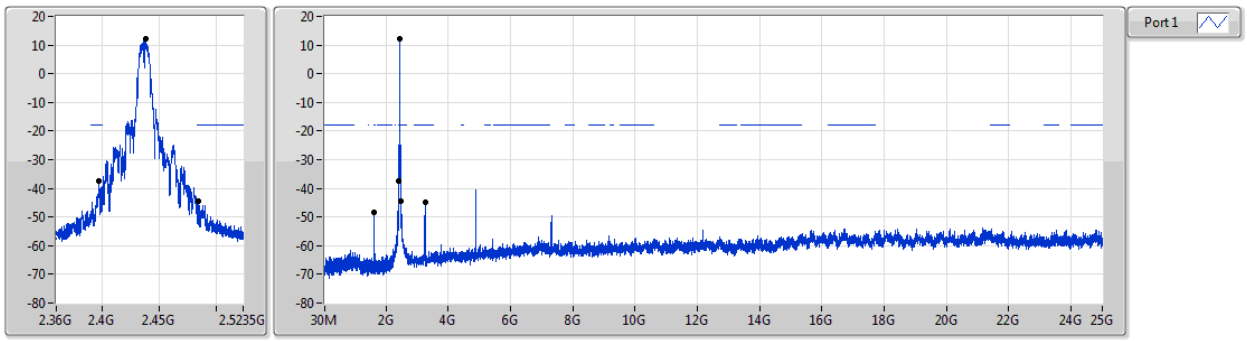
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.437909G	12.24	-17.76	2.309905G	-58.27	2.398G	-25.98	2.49294G	-54.23	3.214652G	-42.15	1

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

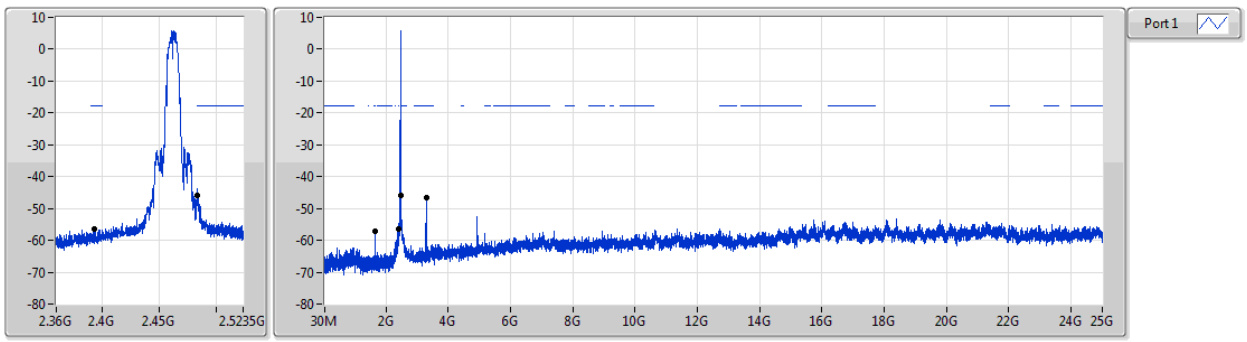
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.437909G	12.24	-17.76	1.624885G	-48.48	2.39696G	-37.44	2.48398G	-44.58	3.248367G	-44.74	1

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

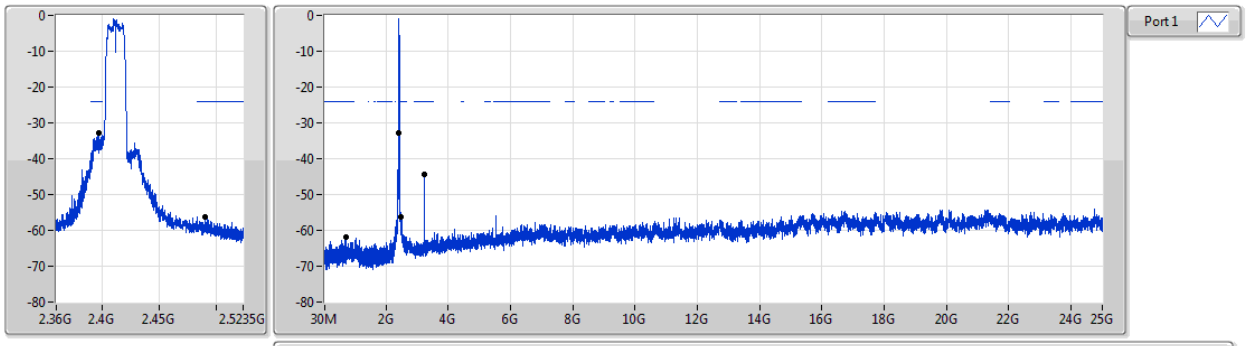
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.437909G	12.24	-17.76	1.641195G	-56.99	2.39296G	-56.37	2.48358G	-46.07	3.282082G	-46.67	1

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

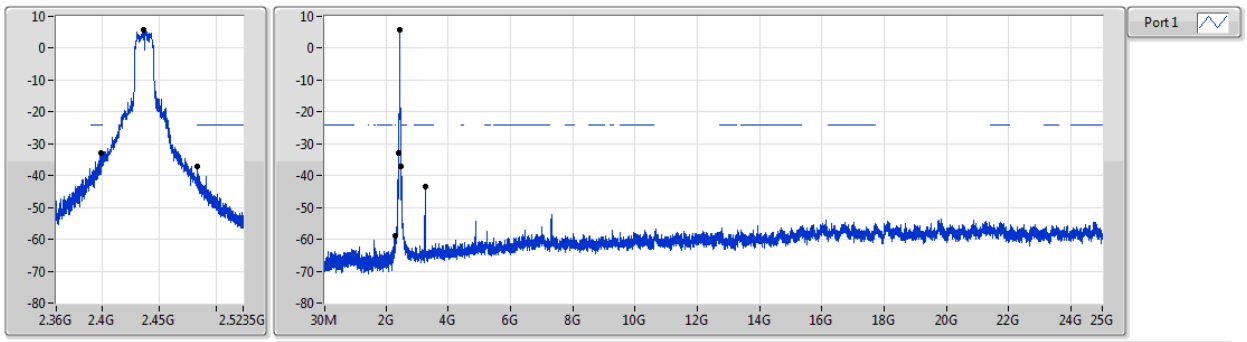
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43674G	5.84	-24.16	712.69M	-61.74	2.39752G	-32.94	2.4907G	-56.40	3.214652G	-44.22	1

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

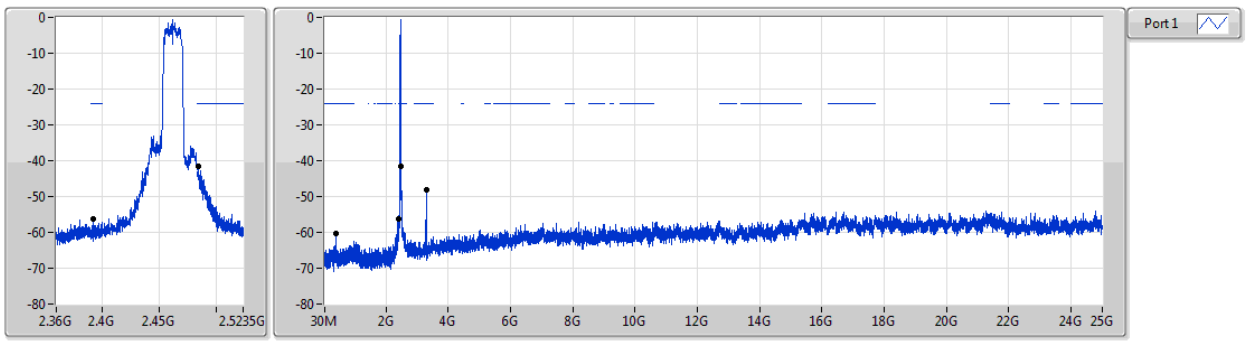
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43674G	5.84	-24.16	2.30874G	-58.92	2.39888G	-33.02	2.48382G	-37.25	3.248367G	-43.33	1

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

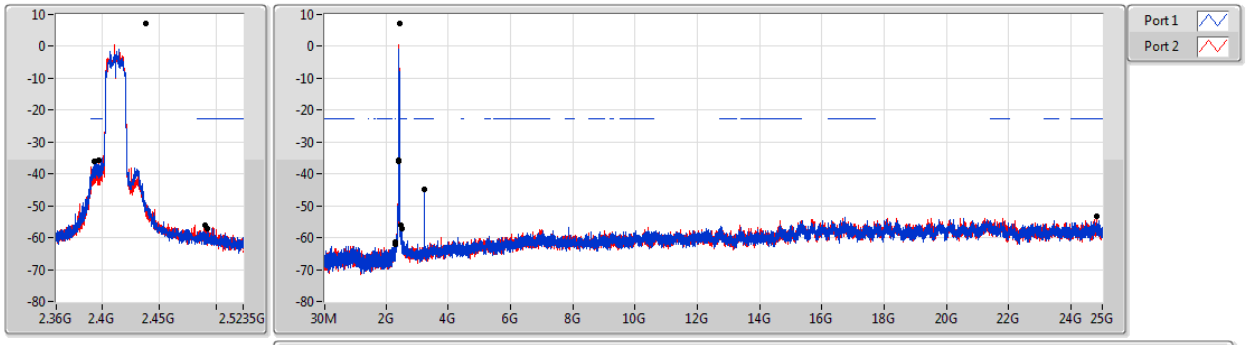
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43674G	5.84	-24.16	382.995M	-60.28	2.39224G	-56.36	2.48414G	-41.59	3.282082G	-48.15	1

802.11n HT20_Nss1,(MCS0)_2TX **CSE NdB**

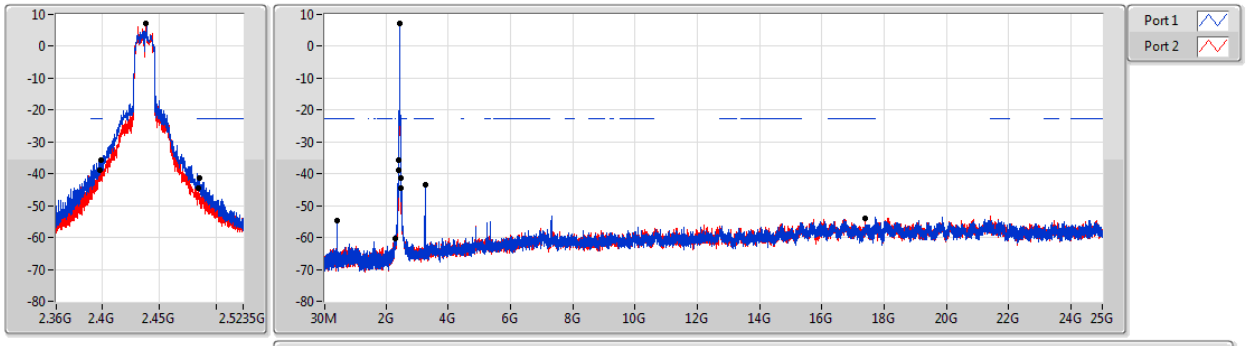
2412MHz



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	7.21	-22.79	2.30175G	-61.54	2.39288G	-35.98	2.4923G	-57.20	3.214652G	-44.91	1
2.438243G	7.21	-22.79	2.307575G	-62.01	2.39672G	-35.81	2.4907G	-56.15	24.811759G	-53.30	2

802.11n HT20_Nss1,(MCS0)_2TX **CSE NdB**

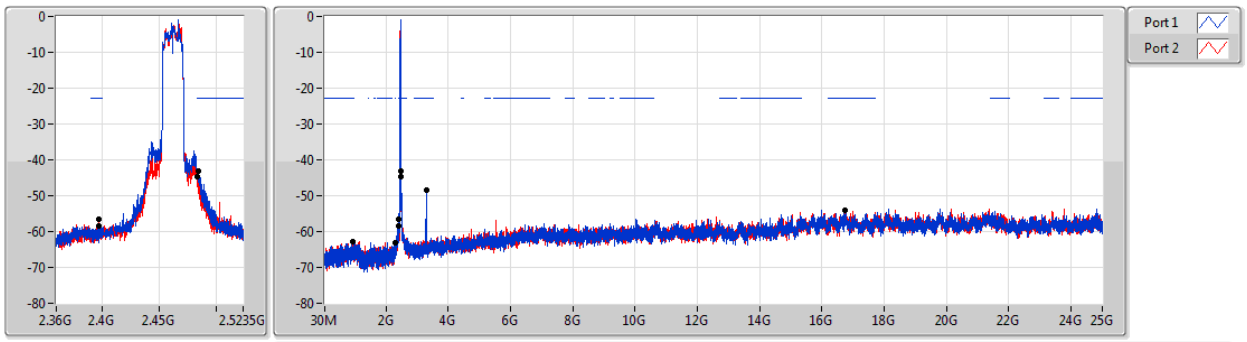
2437MHz



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	7.21	-22.79	413.285M	-54.78	2.3996G	-35.74	2.48542G	-41.45	3.248367G	-43.57	1
2.438243G	7.21	-22.79	2.30641G	-60.16	2.39792G	-38.73	2.4839G	-44.66	17.394514G	-54.03	2

802.11n HT20_Nss1,(MCS0)_2TX **CSE NdB**

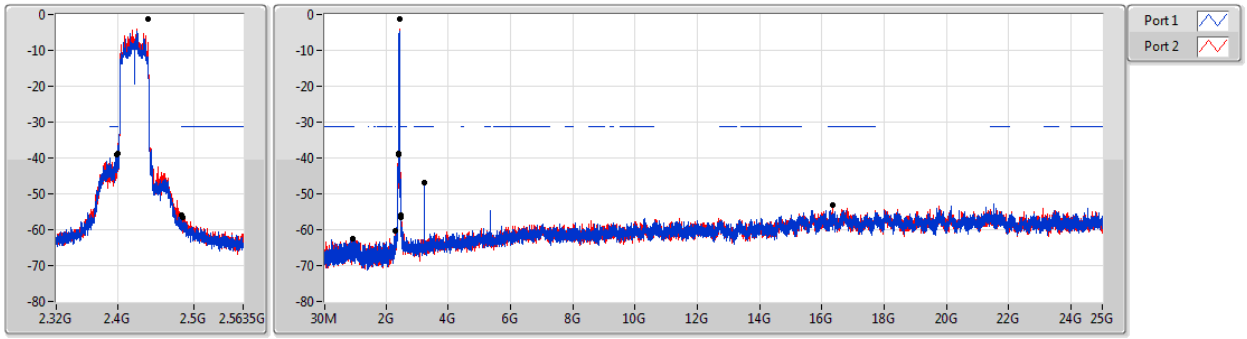
2462MHz



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	7.21	-22.79	2.30408G	-63.14	2.3976G	-58.33	2.48454G	-43.11	3.282082G	-48.52	1
2.438243G	7.21	-22.79	925.885M	-62.89	2.39728G	-56.62	2.48382G	-44.60	16.753934G	-54.04	2

802.11n HT40_Nss1,(MCS0)_2TX **CSE NdB**

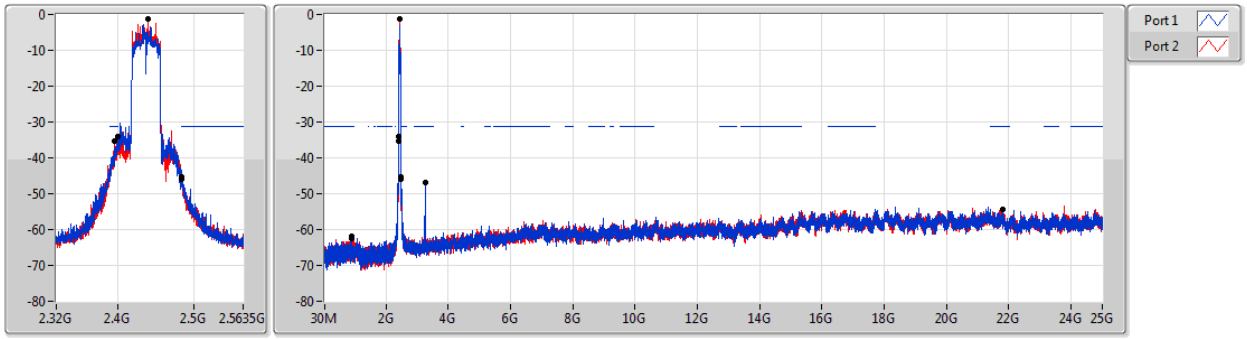
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.439579G	-1.26	-31.26	921.955M	-62.60	2.3992G	-38.91	2.48382G	-56.03	3.228181G	-46.83	1
2.439579G	-1.26	-31.26	2.309695G	-60.38	2.39984G	-38.64	2.48478G	-56.43	16.353534G	-53.28	2

802.11n HT40_Nss1,(MCS0)_2TX **CSE NdB**

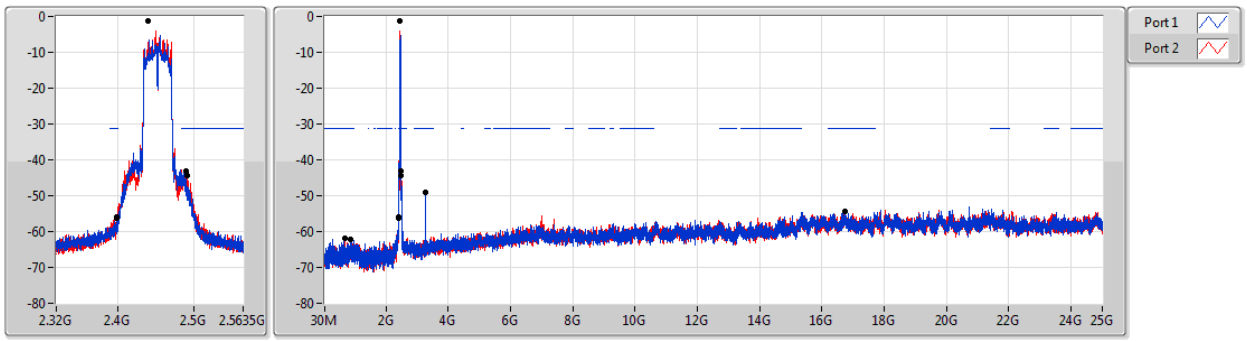
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.439579G	-1.26	-31.26	885.315M	-62.42	2.39968G	-34.14	2.48398G	-45.37	3.247813G	-46.99	1
2.439579G	-1.26	-31.26	875.01M	-61.89	2.39584G	-35.23	2.48382G	-45.97	21.785971G	-54.24	2

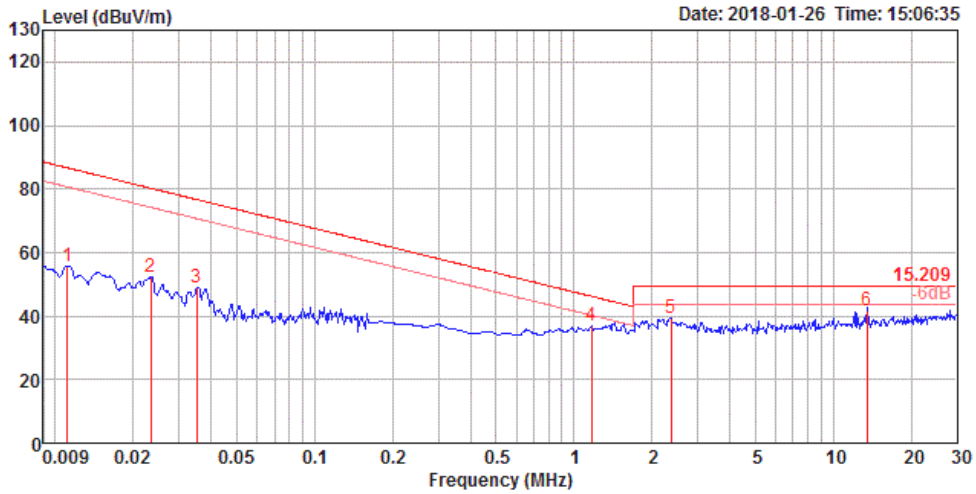
802.11n HT40_Nss1,(MCS0)_2TX **CSE NdB**

2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.439579G	-1.26	-31.26	842.95M	-62.29	2.39856G	-55.80	2.48942G	-43.21	3.267445G	-49.21	1
2.439579G	-1.26	-31.26	683.795M	-61.79	2.39824G	-56.33	2.49006G	-44.24	16.748977G	-54.46	2

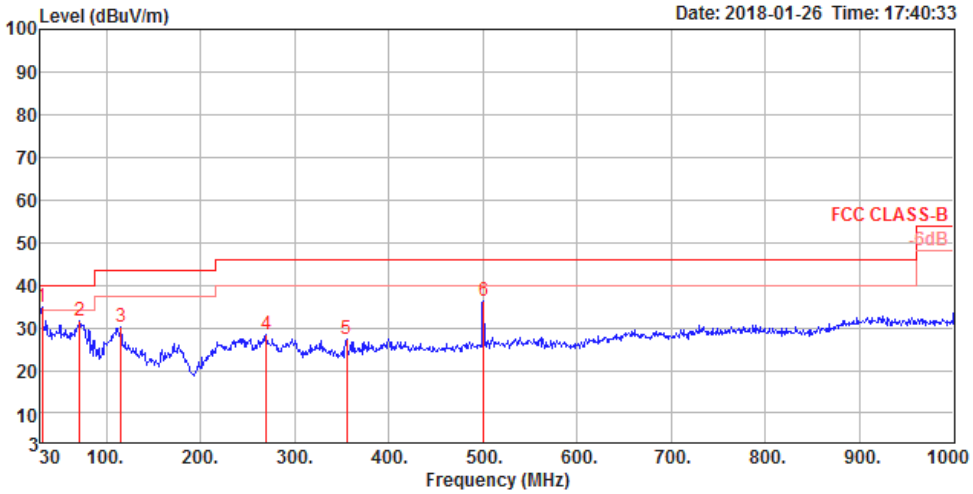
RSE 9kHz~30MHz Result			
Operating Mode	1	**Operating Function**	Normal Link



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	0.01	55.78	86.69	-30.91	33.36	1.00	21.42	0.00	100	241	Peak
2	0.02	52.25	80.24	-27.99	29.70	1.00	21.55	0.00	100	74	Peak
3	0.04	49.02	76.67	-27.65	26.58	1.00	21.44	0.00	100	37	Peak
4	1.17	36.70	46.24	-9.54	15.38	1.03	20.29	0.00	100	176	Peak
5	2.37	39.39	49.54	-10.15	18.47	1.07	19.85	0.00	100	222	Peak
6	13.55	41.85	49.54	-7.69	18.76	1.38	21.71	0.00	100	356	Peak

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.)

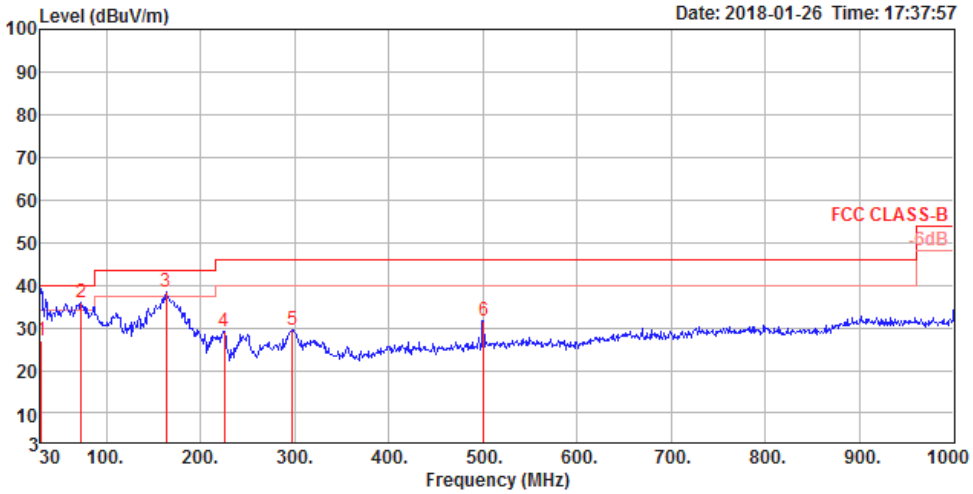
RSE 30MHz~1GHz Result			
Operating Mode	1	**Polarization**	Horizontal
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	31.94	34.68	40.00	-5.32	41.71	0.99	24.41	32.43	200	231	Peak	HORIZONTAL
2	71.71	31.72	40.00	-8.28	50.48	0.89	12.75	32.40	200	106	Peak	HORIZONTAL
3	115.36	30.02	43.50	-13.48	42.85	1.07	18.47	32.37	300	275	Peak	HORIZONTAL
4	269.59	28.56	46.00	-17.44	39.02	2.48	19.34	32.28	125	246	Peak	HORIZONTAL
5	354.95	27.17	46.00	-18.83	36.68	1.53	21.24	32.28	125	170	Peak	HORIZONTAL
6	500.45	36.34	46.00	-9.66	41.91	2.94	23.82	32.33	100	197	Peak	HORIZONTAL

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.)

RSE 30MHz~1GHz Result			
Operating Mode	1	**Polarization**	Vertical
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	30.97	26.85	40.00	-13.15	33.29	0.98	25.01	32.43	100	200	QP	VERTICAL
2	73.65	35.85	40.00	-4.15	54.50	0.86	12.89	32.40	100	173	Peak	VERTICAL
3	163.86	38.30	43.50	-5.20	53.22	1.10	16.31	32.33	100	194	Peak	VERTICAL
4	224.97	29.26	46.00	-16.74	42.60	2.18	16.78	32.30	100	325	Peak	VERTICAL
5	297.72	29.62	46.00	-16.38	39.63	2.62	19.64	32.27	200	158	Peak	VERTICAL
6	500.45	31.58	46.00	-14.42	37.15	2.94	23.82	32.33	150	148	Peak	VERTICAL

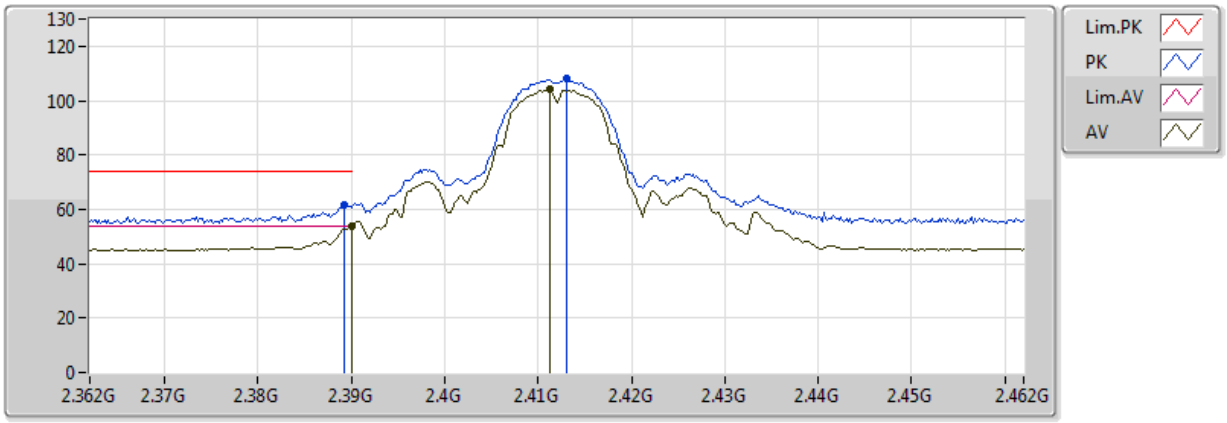
Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

Summary

Mode	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)_2TX	Pass	AV	2.3896G	53.99	54.00	-0.01	32.12	3	Vertical	354	1.30	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

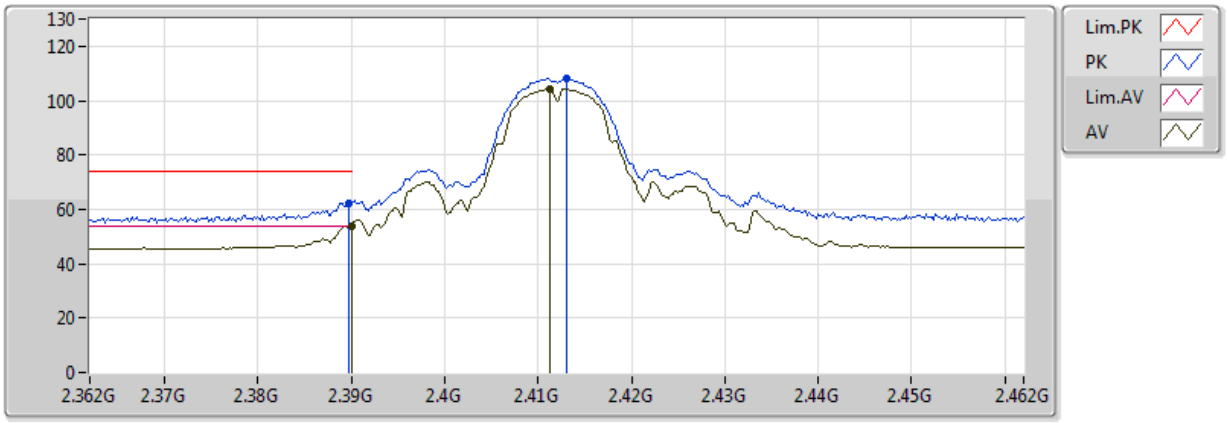


20171011
EUT Y_1TX ANT 0
Setting 69
03-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.95	54.00	-0.05	32.28	3	Vertical	354	1.50
AV	2.4112G	104.28	Inf	-Inf	32.34	3	Vertical	354	1.50
PK	2.3892G	61.90	74.00	-12.10	32.28	3	Vertical	354	1.50
PK	2.413G	108.06	Inf	-Inf	32.34	3	Vertical	354	1.50

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX



20171011
EUT Y_1TX ANT 0
Setting 69
03-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.98	54.00	-0.02	32.28	3	Horizontal	44	1.00
AV	2.4112G	104.37	Inf	-Inf	32.34	3	Horizontal	44	1.00
PK	2.3898G	62.21	74.00	-11.79	32.28	3	Horizontal	44	1.00
PK	2.413G	108.05	Inf	-Inf	32.34	3	Horizontal	44	1.00

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

20171011
EUT Y_1TX ANT 0
Setting 69
03-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.8241G	41.46	54.00	-12.54	5.01	3	Vertical	206	1.02
PK	4.82396G	48.89	74.00	-25.11	5.01	3	Vertical	206	1.02

802.11b_Nss1,(1Mbps)_1TX

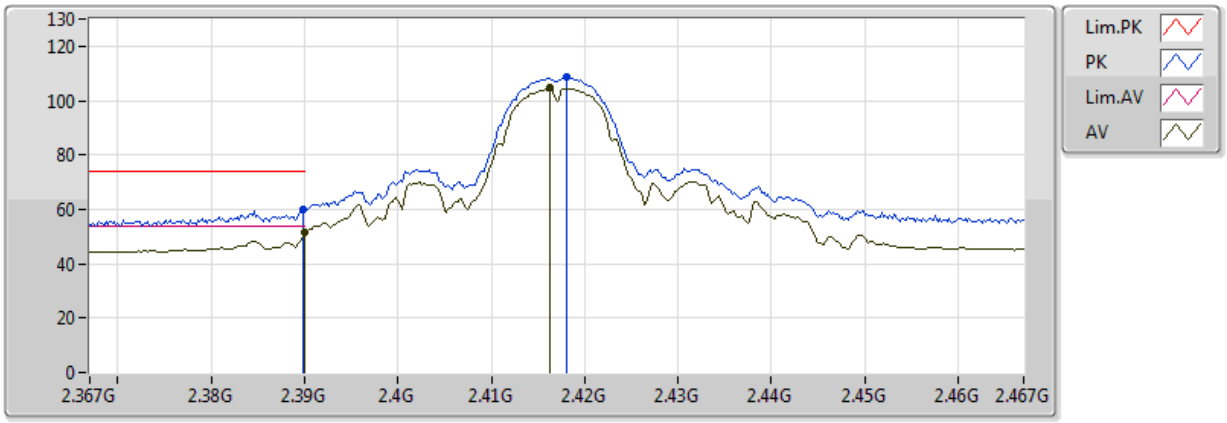
2412MHz_TX

20171011
EUT Y_1TX ANT 0
Setting 69
03-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.82397G	45.09	54.00	-8.91	5.01	3	Horizontal	172	1.16
PK	4.82384G	50.44	74.00	-23.56	5.00	3	Horizontal	172	1.16

802.11b_Nss1,(1Mbps)_1TX

2417MHz_TX

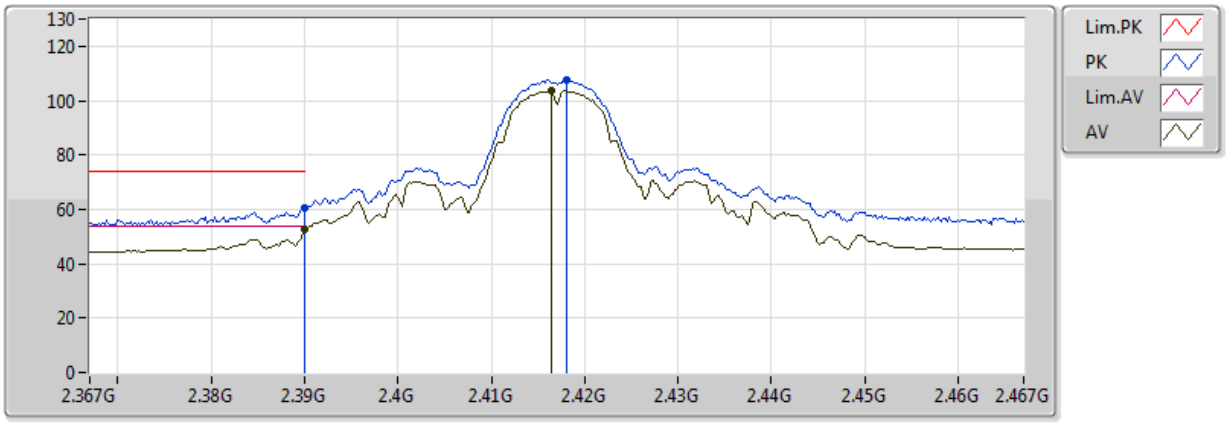


20180214
EUT Y_1TX ANT0
Setting 72
06-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	51.70	54.00	-2.30	32.12	3	Vertical	6	1.06
AV	2.4162G	104.54	Inf	-Inf	32.20	3	Vertical	6	1.06
PK	2.3898G	59.97	74.00	-14.03	32.12	3	Vertical	6	1.06
PK	2.418G	108.63	Inf	-Inf	32.21	3	Vertical	6	1.06

802.11b_Nss1,(1Mbps)_1TX

2417MHz_TX

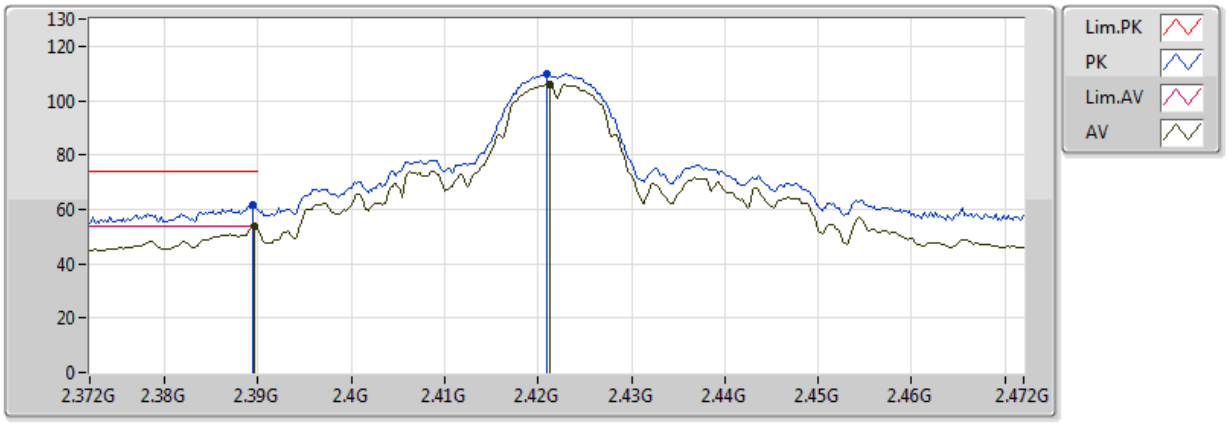


20180214
EUT Y_1TX ANT0
Setting 72
06-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	52.94	54.00	-1.06	32.12	3	Horizontal	60	1.13
AV	2.4164G	103.64	Inf	-Inf	32.20	3	Horizontal	60	1.13
PK	2.39G	60.68	74.00	-13.32	32.12	3	Horizontal	60	1.13
PK	2.418G	107.46	Inf	-Inf	32.21	3	Horizontal	60	1.13

802.11b_Nss1,(1Mbps)_1TX

2422MHz_TX

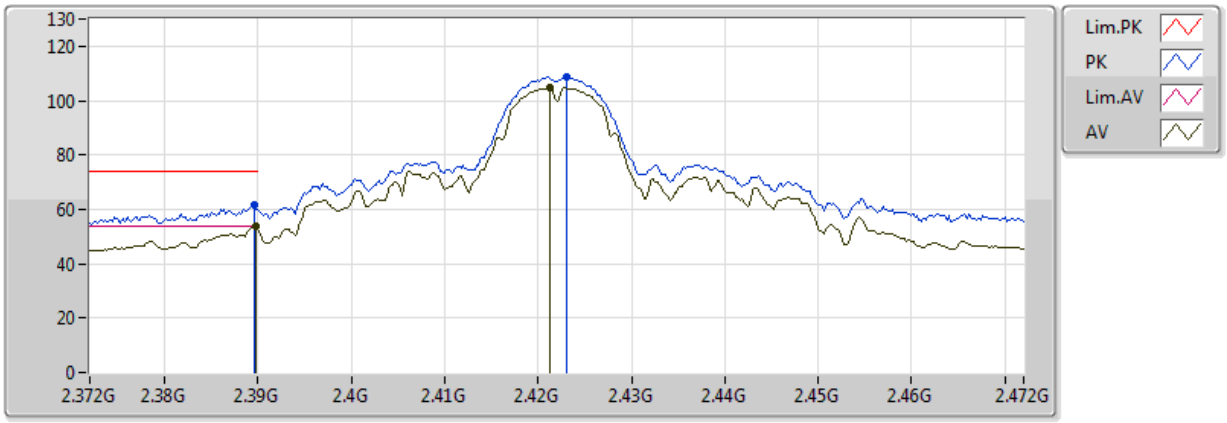


20180214
EUT Y_1TX ANT0
Setting 76
06-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3896G	53.78	54.00	-0.22	32.12	3	Vertical	352	1.22
AV	2.4212G	106.03	Inf	-Inf	32.22	3	Vertical	352	1.22
PK	2.3894G	61.67	74.00	-12.33	32.12	3	Vertical	352	1.22
PK	2.421G	109.79	Inf	-Inf	32.22	3	Vertical	352	1.22

802.11b_Nss1,(1Mbps)_1TX

2422MHz_TX

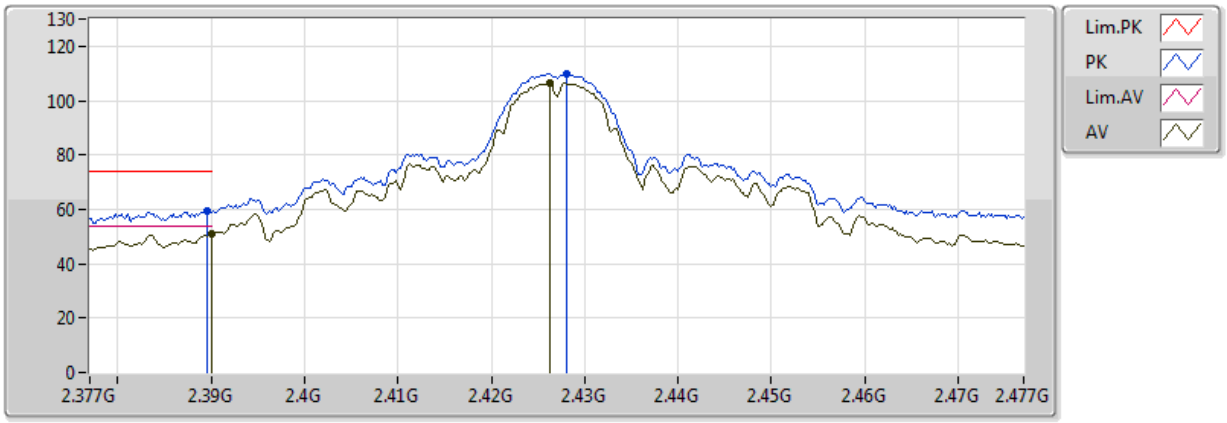


20180214
EUT Y_1TX ANT0
Setting 76
06-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3898G	53.98	54.00	-0.02	32.12	3	Horizontal	43	1.01
AV	2.4212G	104.69	Inf	-Inf	32.22	3	Horizontal	43	1.01
PK	2.3896G	61.55	74.00	-12.45	32.12	3	Horizontal	43	1.01
PK	2.423G	108.64	Inf	-Inf	32.22	3	Horizontal	43	1.01

802.11b_Nss1,(1Mbps)_1TX

2427MHz_TX

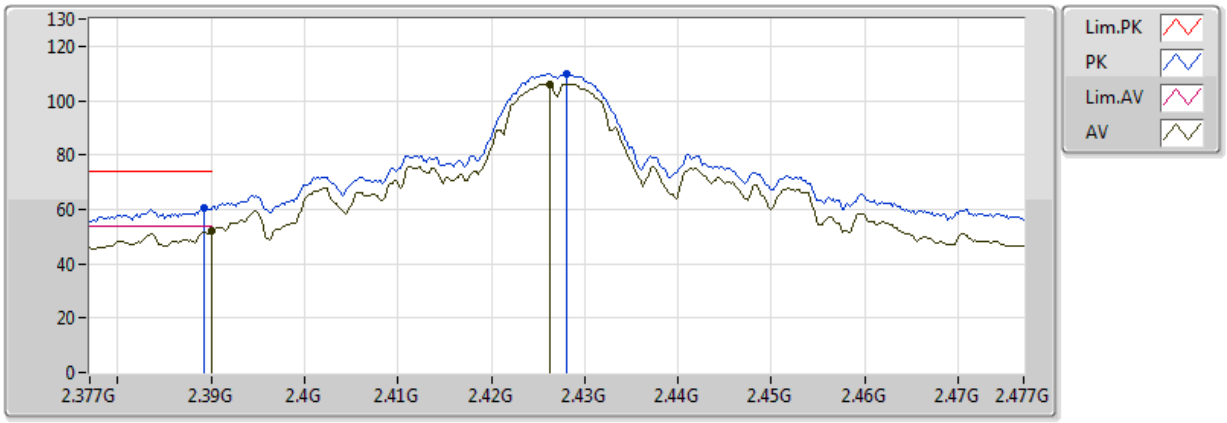


20180214
EUT Y_1TX ANT0
Setting 79
06-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	50.85	54.00	-3.15	32.12	3	Vertical	355	1.48
AV	2.4262G	106.24	Inf	-Inf	32.24	3	Vertical	355	1.48
PK	2.3896G	59.36	74.00	-14.64	32.12	3	Vertical	355	1.48
PK	2.428G	110.03	Inf	-Inf	32.24	3	Vertical	355	1.48

802.11b_Nss1,(1Mbps)_1TX

2427MHz_TX

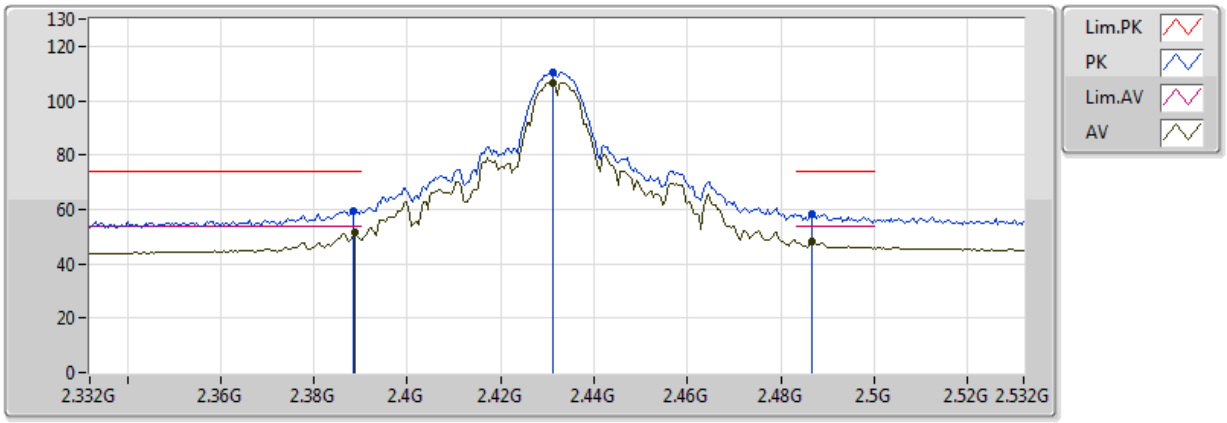


20180214
EUT Y_1TX ANT0
Setting 79
06-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	51.85	54.00	-2.15	32.12	3	Horizontal	60	1.16
AV	2.4262G	106.10	Inf	-Inf	32.24	3	Horizontal	60	1.16
PK	2.3892G	60.42	74.00	-13.58	32.12	3	Horizontal	60	1.16
PK	2.428G	110.01	Inf	-Inf	32.24	3	Horizontal	60	1.16

802.11b_Nss1,(1Mbps)_1TX

2432MHz_TX

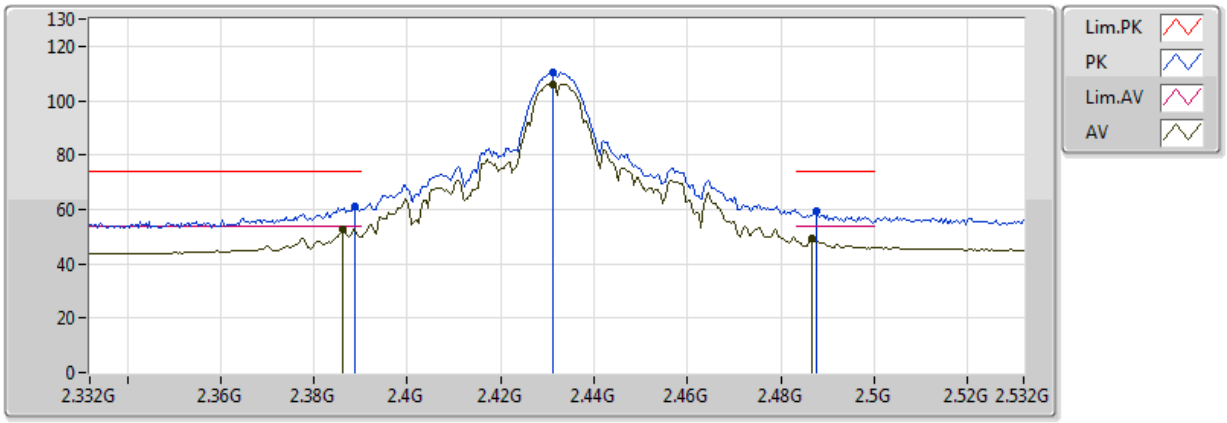


20180214
EUT Y_1TX ANT0
Setting 81
06-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3888G	51.35	54.00	-2.65	32.11	3	Vertical	356	1.76
AV	2.4312G	106.51	Inf	-Inf	32.25	3	Vertical	356	1.76
AV	2.4868G	48.06	54.00	-5.94	32.43	3	Vertical	356	1.76
PK	2.3884G	59.44	74.00	-14.56	32.11	3	Vertical	356	1.76
PK	2.4312G	110.36	Inf	-Inf	32.25	3	Vertical	356	1.76
PK	2.4868G	58.23	74.00	-15.77	32.43	3	Vertical	356	1.76

802.11b_Nss1,(1Mbps)_1TX

2432MHz_TX

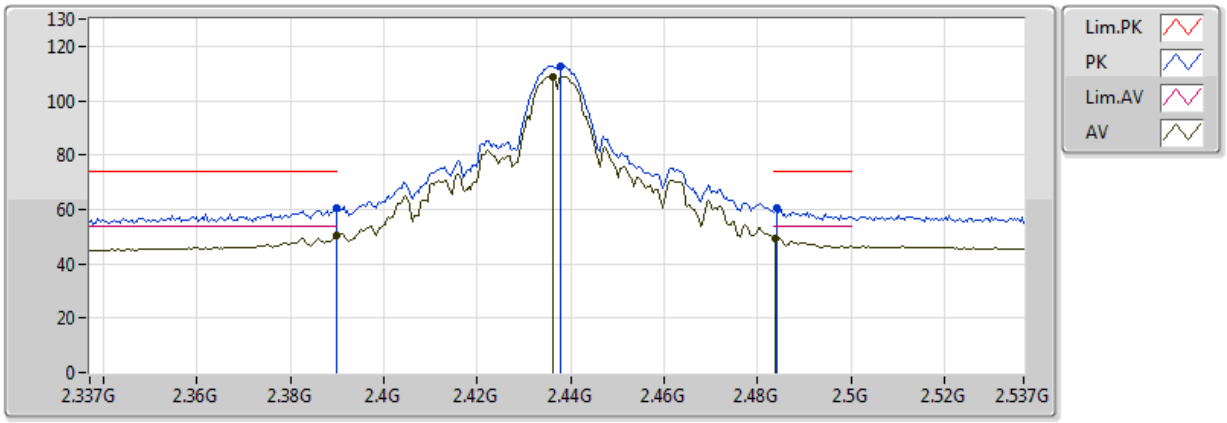


20180214
EUT Y_1TX ANT0
Setting 81
06-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.386G	52.68	54.00	-1.32	32.11	3	Horizontal	59	1.06
AV	2.4312G	106.16	Inf	-Inf	32.25	3	Horizontal	59	1.06
AV	2.4868G	49.16	54.00	-4.84	32.43	3	Horizontal	59	1.06
PK	2.3888G	61.09	74.00	-12.91	32.11	3	Horizontal	59	1.06
PK	2.4312G	110.14	Inf	-Inf	32.25	3	Horizontal	59	1.06
PK	2.4876G	59.19	74.00	-14.81	32.43	3	Horizontal	59	1.06

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

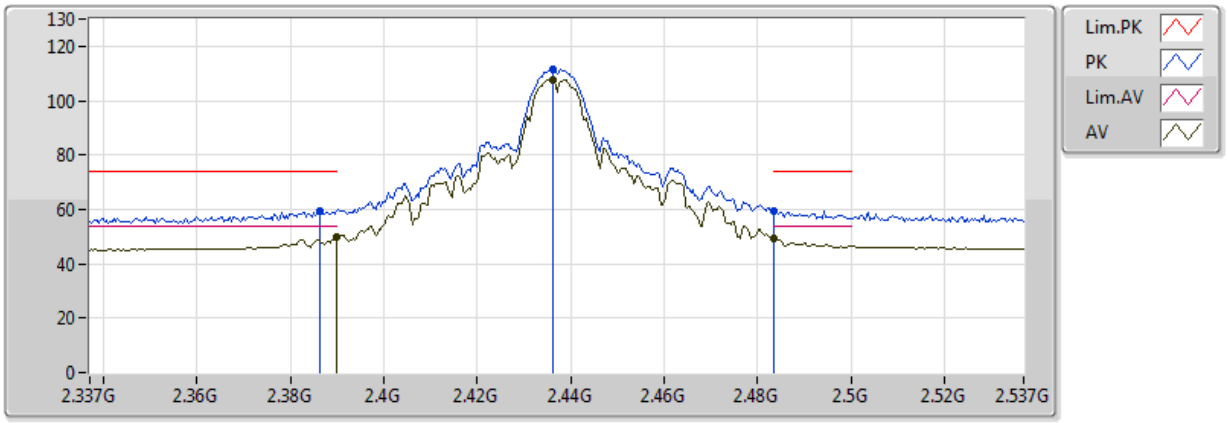


20171011
EUT Y_1TX ANT 0
Setting 82
03-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	50.46	54.00	-3.54	32.28	3	Vertical	0	1.01
AV	2.4362G	108.98	Inf	-Inf	32.40	3	Vertical	0	1.01
AV	2.4838G	49.38	54.00	-4.62	32.53	3	Vertical	0	1.01
PK	2.389998G	60.60	74.00	-13.40	32.28	3	Vertical	0	1.01
PK	2.4378G	112.86	Inf	-Inf	32.41	3	Vertical	0	1.01
PK	2.4842G	60.41	74.00	-13.59	32.53	3	Vertical	0	1.01

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX



20171011
EUT Y_1TX ANT 0
Setting 82
03-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	49.90	54.00	-4.10	32.28	3	Horizontal	48	1.06
AV	2.4362G	107.54	Inf	-Inf	32.40	3	Horizontal	48	1.06
AV	2.483502G	49.37	54.00	-4.63	32.53	3	Horizontal	48	1.06
PK	2.3862G	59.28	74.00	-14.72	32.28	3	Horizontal	48	1.06
PK	2.4362G	111.36	Inf	-Inf	32.40	3	Horizontal	48	1.06
PK	2.483502G	59.54	74.00	-14.46	32.53	3	Horizontal	48	1.06

802.11b_Nss1,(1Mbps)_1TX

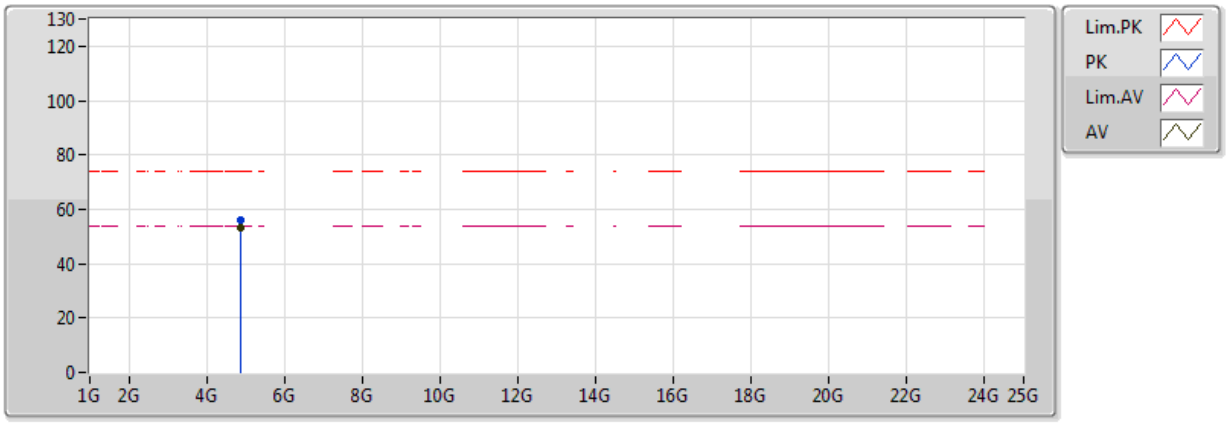
2437MHz_TX

20171011
EUT Y_1TX ANT 0
Setting 82
03-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.87396G	53.98	54.00	-0.02	5.23	3	Vertical	179	1.13
PK	4.874G	56.83	74.00	-17.17	5.23	3	Vertical	179	1.13

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

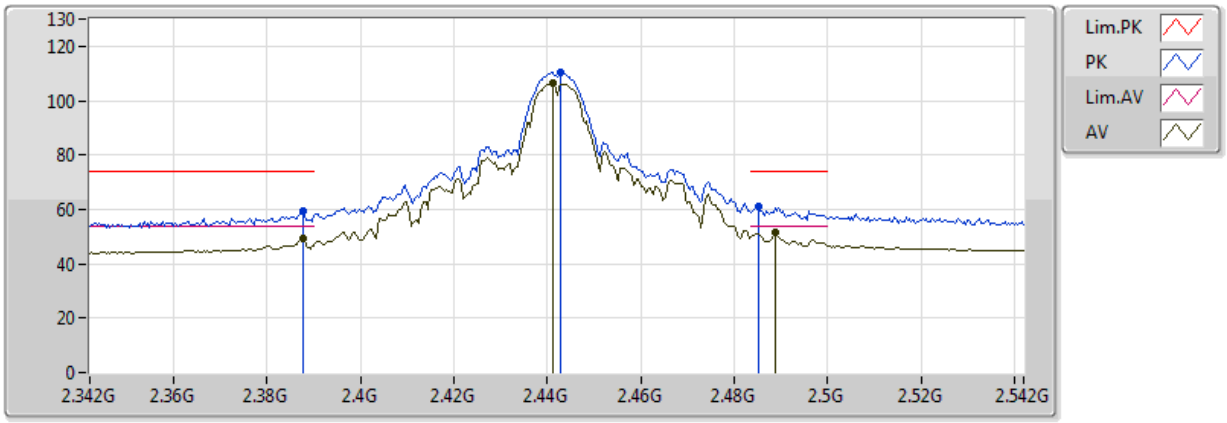


20171011
EUT Y_1TX ANT 0
Setting 82
03-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.87394G	53.43	54.00	-0.57	5.23	3	Horizontal	174	1.10
PK	4.874G	56.21	74.00	-17.79	5.23	3	Horizontal	174	1.10

802.11b_Nss1,(1Mbps)_1TX

2442MHz_TX

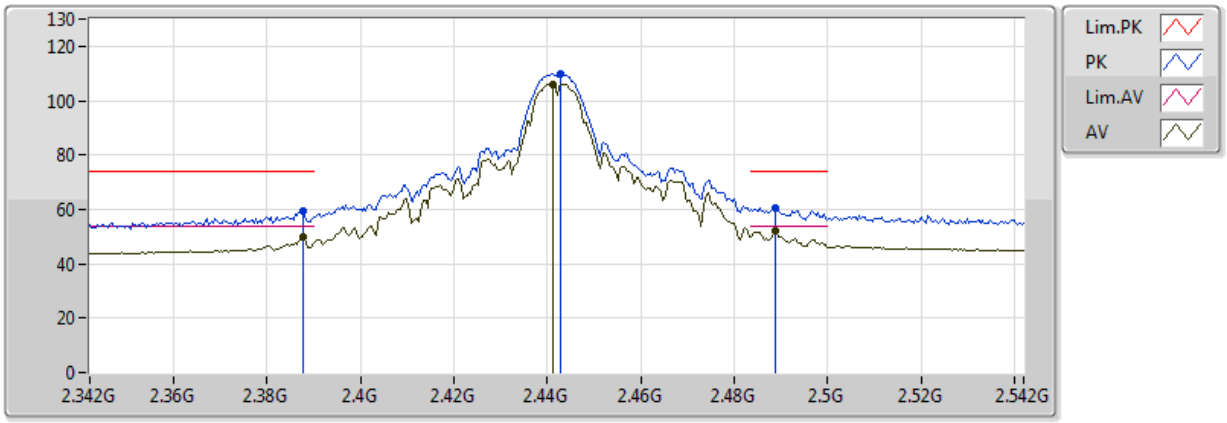


20180214
EUT Y_1TX ANT0
Setting 81
06-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3876G	49.39	54.00	-4.61	32.11	3	Vertical	355	1.47
AV	2.4412G	106.39	Inf	-Inf	32.28	3	Vertical	355	1.47
AV	2.4888G	51.44	54.00	-2.56	32.44	3	Vertical	355	1.47
PK	2.3876G	59.32	74.00	-14.68	32.11	3	Vertical	355	1.47
PK	2.4428G	110.27	Inf	-Inf	32.29	3	Vertical	355	1.47
PK	2.4852G	60.88	74.00	-13.12	32.43	3	Vertical	355	1.47

802.11b_Nss1,(1Mbps)_1TX

2442MHz_TX

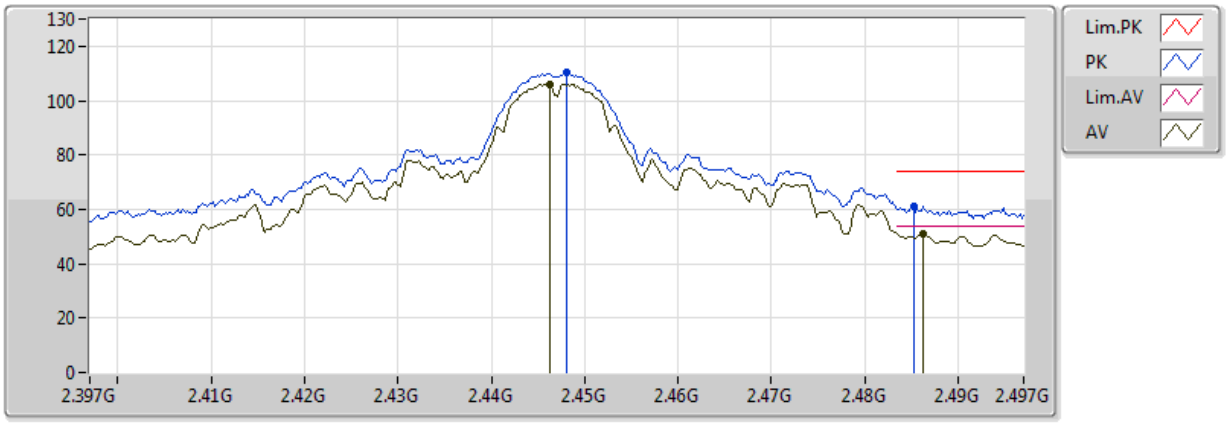


20180214
EUT Y_1TX ANT0
Setting 81
06-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3876G	49.98	54.00	-4.02	32.11	3	Horizontal	59	1.05
AV	2.4412G	106.06	Inf	-Inf	32.28	3	Horizontal	59	1.05
AV	2.4888G	51.98	54.00	-2.02	32.44	3	Horizontal	59	1.05
PK	2.3876G	59.48	74.00	-14.52	32.11	3	Horizontal	59	1.05
PK	2.4428G	110.00	Inf	-Inf	32.29	3	Horizontal	59	1.05
PK	2.4888G	60.62	74.00	-13.38	32.44	3	Horizontal	59	1.05

802.11b_Nss1,(1Mbps)_1TX

2447MHz_TX

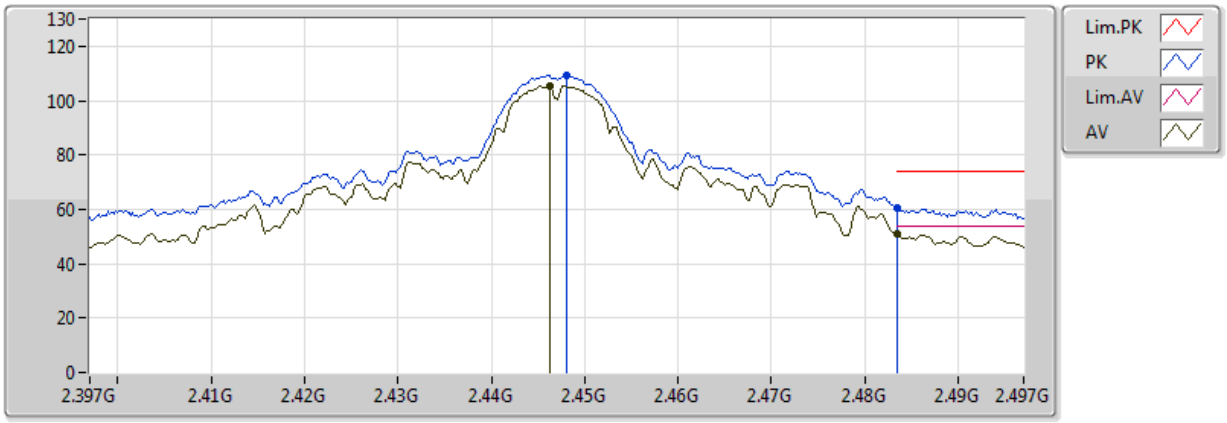


20180214
EUT Y_1TX ANT0
Setting 80
06-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4462G	106.04	Inf	-Inf	32.30	3	Vertical	357	1.50
AV	2.4862G	50.84	54.00	-3.16	32.43	3	Vertical	357	1.50
PK	2.448G	110.12	Inf	-Inf	32.31	3	Vertical	357	1.50
PK	2.4852G	60.97	74.00	-13.03	32.43	3	Vertical	357	1.50

802.11b_Nss1,(1Mbps)_1TX

2447MHz_TX

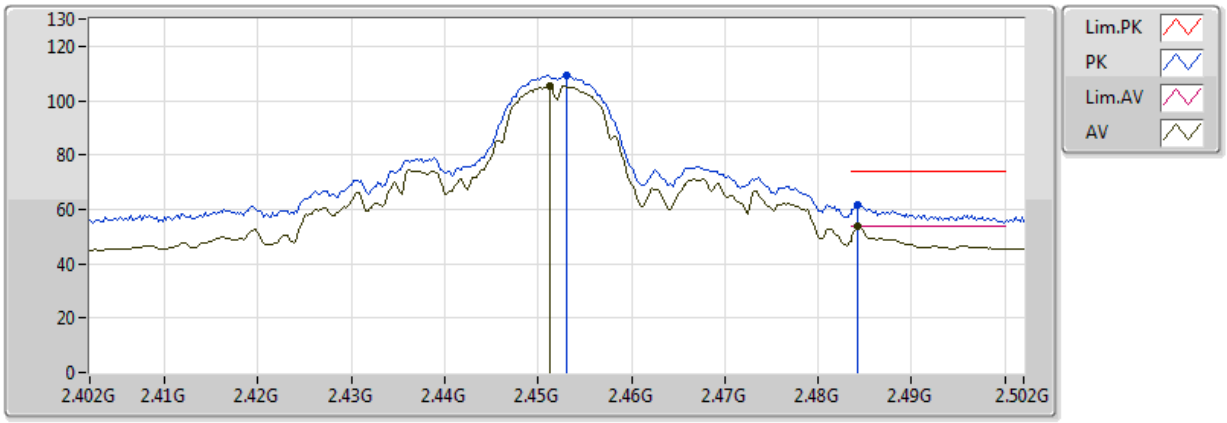


20180214
EUT Y_1TX ANT0
Setting 80
06-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4462G	105.25	Inf	-Inf	32.30	3	Horizontal	60	1.00
AV	2.483502G	50.98	54.00	-3.02	32.42	3	Horizontal	60	1.00
PK	2.448G	109.24	Inf	-Inf	32.31	3	Horizontal	60	1.00
PK	2.483502G	60.31	74.00	-13.69	32.42	3	Horizontal	60	1.00

802.11b_Nss1,(1Mbps)_1TX

2452MHz_TX

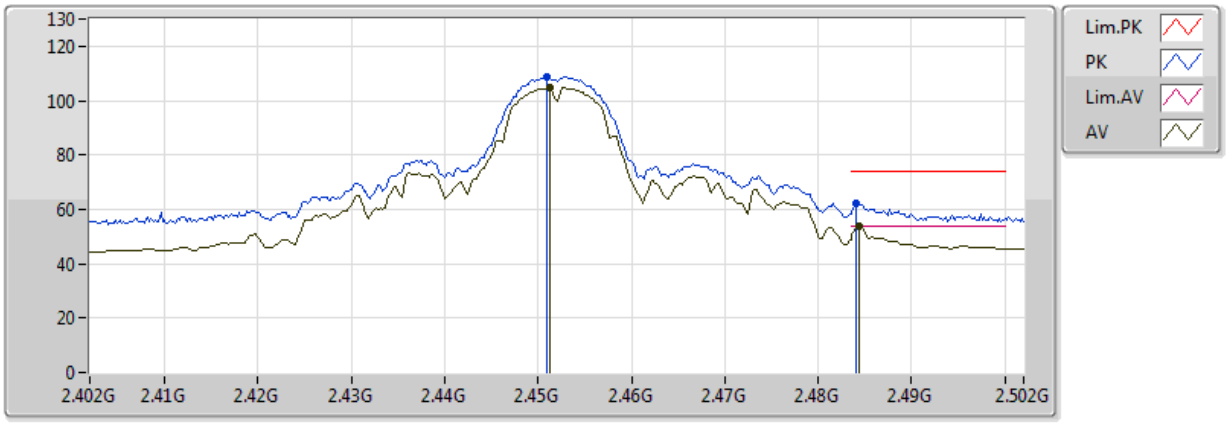


20180214
EUT Y_1TX ANT0
Setting 76
06-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4512G	105.27	Inf	-Inf	32.32	3	Vertical	353	1.35
AV	2.4842G	53.71	54.00	-0.29	32.42	3	Vertical	353	1.35
PK	2.453G	109.17	Inf	-Inf	32.32	3	Vertical	353	1.35
PK	2.4842G	61.64	74.00	-12.36	32.42	3	Vertical	353	1.35

802.11b_Nss1,(1Mbps)_1TX

2452MHz_TX

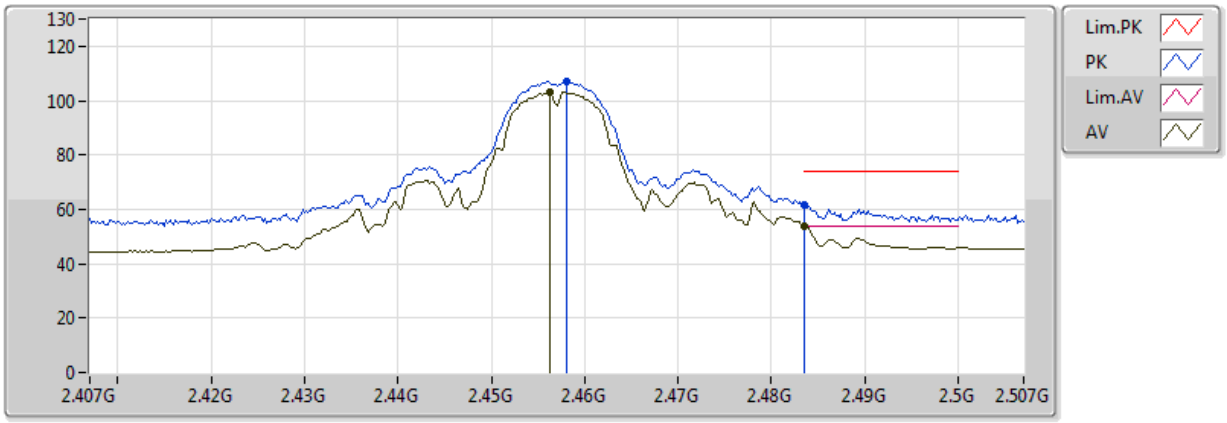


20180214
EUT Y_1TX ANT0
Setting 76
06-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4512G	104.81	Inf	-Inf	32.32	3	Horizontal	43	2.70
AV	2.4844G	53.94	54.00	-0.06	32.42	3	Horizontal	43	2.70
PK	2.451G	108.78	Inf	-Inf	32.32	3	Horizontal	43	2.70
PK	2.484G	61.92	74.00	-12.08	32.42	3	Horizontal	43	2.70

802.11b_Nss1,(1Mbps)_1TX

2457MHz_TX

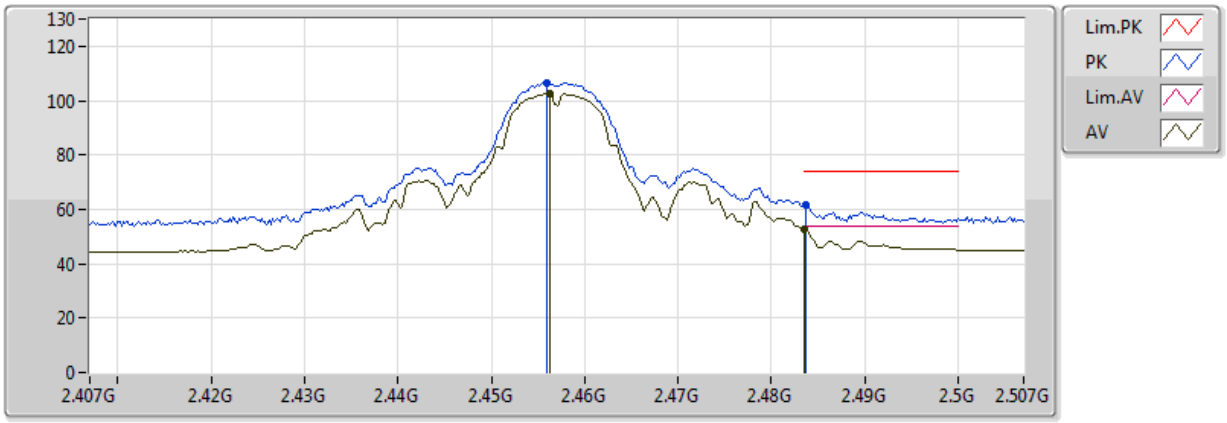


20180214
EUT Y_1TX ANT0
Setting 70
06-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4562G	102.92	Inf	-Inf	32.33	3	Vertical	0	1.71
AV	2.483502G	53.97	54.00	-0.03	32.42	3	Vertical	0	1.71
PK	2.458G	107.00	Inf	-Inf	32.34	3	Vertical	0	1.71
PK	2.483502G	61.42	74.00	-12.58	32.42	3	Vertical	0	1.71

802.11b_Nss1,(1Mbps)_1TX

2457MHz_TX

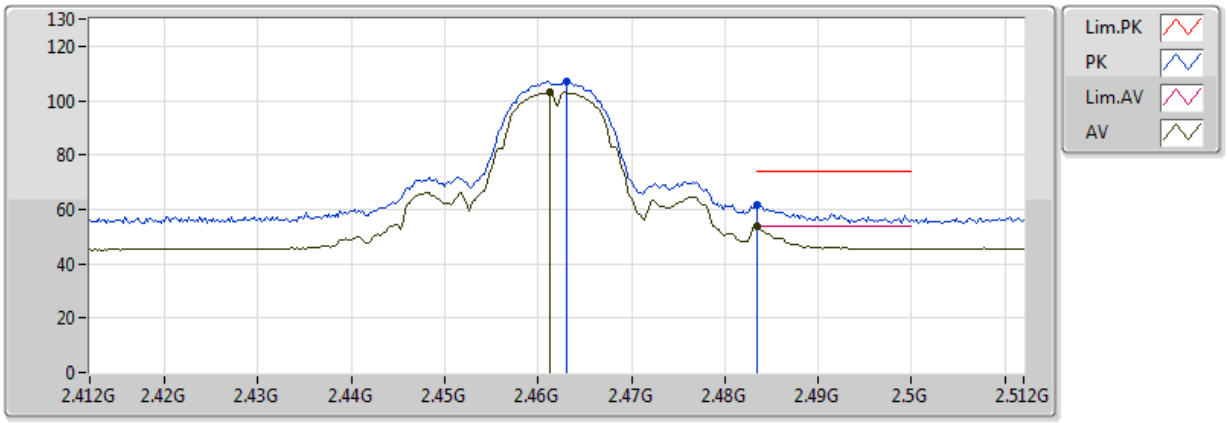


20180214
EUT Y_1TX ANT0
Setting 70
06-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4562G	102.62	Inf	-Inf	32.33	3	Horizontal	39	2.42
AV	2.483502G	52.46	54.00	-1.54	32.42	3	Horizontal	39	2.42
PK	2.456G	106.74	Inf	-Inf	32.33	3	Horizontal	39	2.42
PK	2.4836G	61.48	74.00	-12.52	32.42	3	Horizontal	39	2.42

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

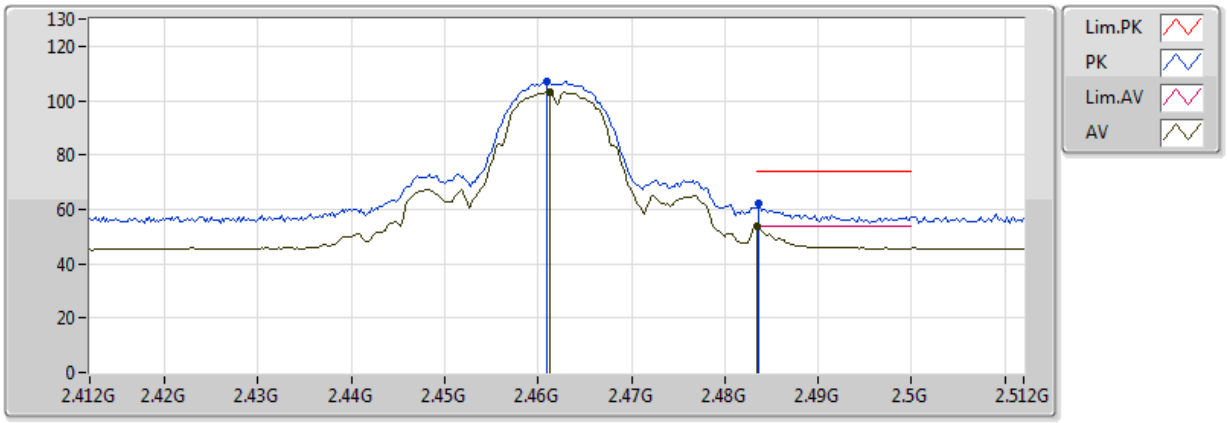


20171011
EUT Y_1TX ANT 0
Setting 64
03-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4612G	103.14	Inf	-Inf	32.47	3	Vertical	353	1.33
AV	2.483502G	53.66	54.00	-0.34	32.53	3	Vertical	353	1.33
PK	2.463G	106.86	Inf	-Inf	32.47	3	Vertical	353	1.33
PK	2.483502G	61.87	74.00	-12.13	32.53	3	Vertical	353	1.33

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

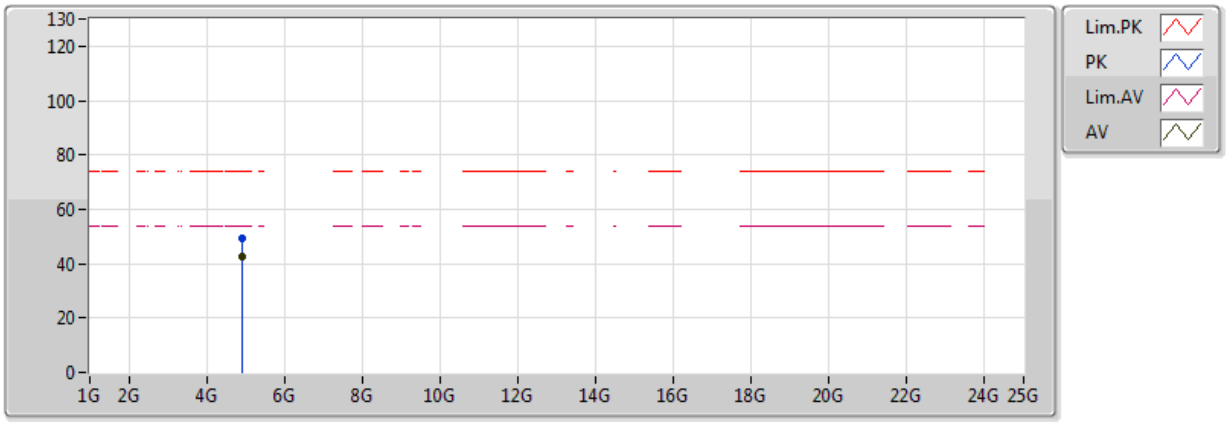


20171011
EUT Y_1TX ANT 0
Setting 64
03-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4612G	103.23	Inf	-Inf	32.47	3	Horizontal	43	1.00
AV	2.483502G	53.85	54.00	-0.15	32.53	3	Horizontal	43	1.00
PK	2.461G	106.89	Inf	-Inf	32.47	3	Horizontal	43	1.00
PK	2.4836G	61.93	74.00	-12.07	32.53	3	Horizontal	43	1.00

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX



20171011
EUT Y_1TX ANT 0
Setting 64
03-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.92396G	42.79	54.00	-11.21	5.45	3	Vertical	195	1.00
PK	4.92405G	49.43	74.00	-24.57	5.45	3	Vertical	195	1.00

802.11b_Nss1,(1Mbps)_1TX

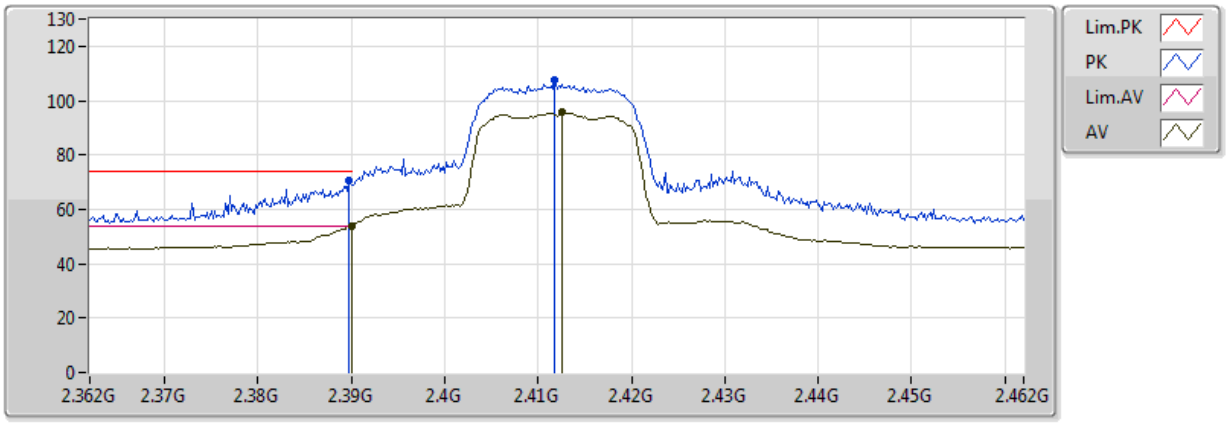
2462MHz_TX

20171011
EUT Y_1TX ANT 0
Setting 64
03-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.92383G	42.84	54.00	-11.16	5.45	3	Horizontal	293	1.45
PK	4.9238G	51.56	74.00	-22.44	5.45	3	Horizontal	293	1.45

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

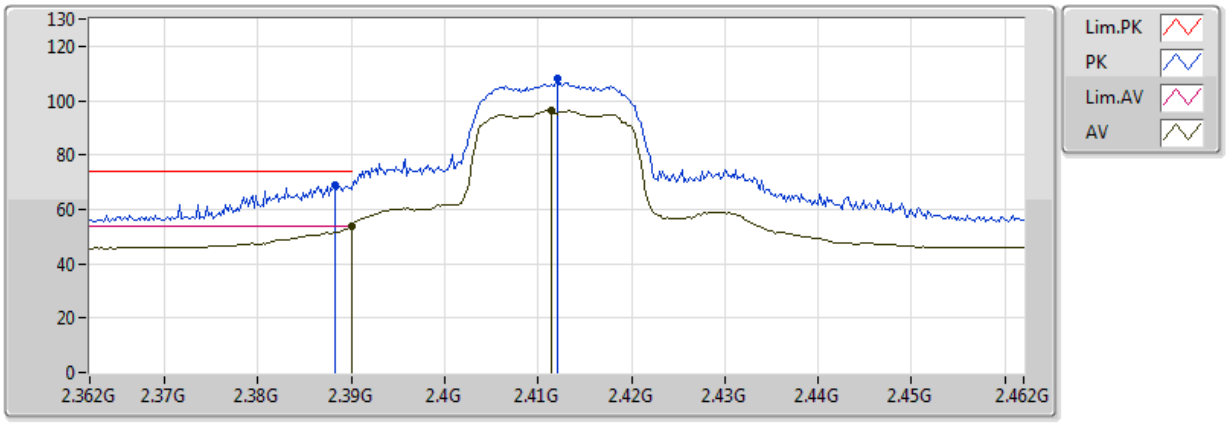


20171011
EUT Y_1TX ANT 0
Setting 52
04-W-3
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	53.98	54.00	-0.02	33.15	3	Vertical	353	1.48
AV	2.4126G	95.67	Inf	-Inf	33.15	3	Vertical	353	1.48
PK	2.3898G	70.57	74.00	-3.43	33.15	3	Vertical	353	1.48
PK	2.4118G	107.66	Inf	-Inf	33.15	3	Vertical	353	1.48

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX



20171011
EUT Y_1TX ANT 0
Setting 52
04-W-3
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	53.66	54.00	-0.34	33.15	3	Horizontal	47	1.01
AV	2.4114G	96.40	Inf	-Inf	33.15	3	Horizontal	47	1.01
PK	2.3882G	68.89	74.00	-5.11	33.15	3	Horizontal	47	1.01
PK	2.412G	108.06	Inf	-Inf	33.15	3	Horizontal	47	1.01

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

20171011
EUT Y_1TX ANT 0
Setting 52
03-W-3
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.82227G	32.80	54.00	-21.20	5.00	3	Vertical	181	1.75
PK	4.8221G	46.66	74.00	-27.34	5.00	3	Vertical	181	1.75

802.11g_Nss1,(6Mbps)_1TX

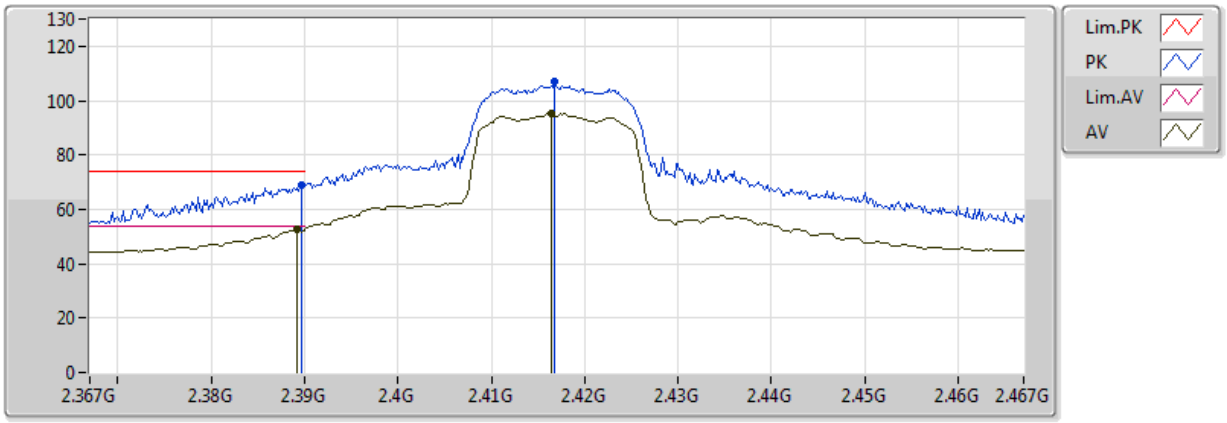
2412MHz_TX

20171011
EUT Y_1TX ANT 0
Setting 52
03-W-3
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.8259G	33.32	54.00	-20.68	5.01	3	Horizontal	134	1.44
PK	4.82169G	46.14	74.00	-27.86	5.00	3	Horizontal	134	1.44

802.11g_Nss1,(6Mbps)_1TX

2417MHz_TX

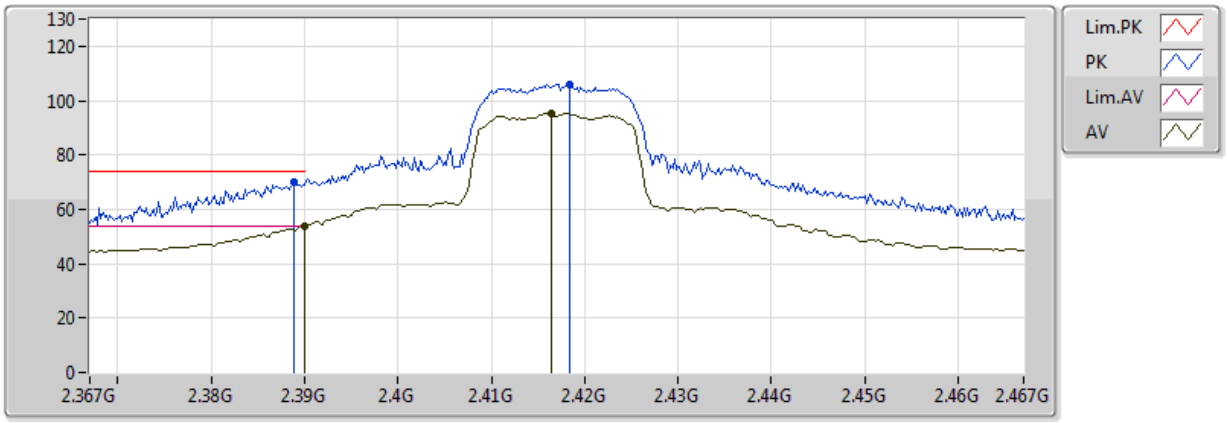


20180214
EUT Y_1TX ANT0
Setting 56
06-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3892G	52.52	54.00	-1.48	32.12	3	Vertical	356	1.85
AV	2.4164G	95.27	Inf	-Inf	32.20	3	Vertical	356	1.85
PK	2.3896G	68.68	74.00	-5.32	32.12	3	Vertical	356	1.85
PK	2.4168G	106.78	Inf	-Inf	32.20	3	Vertical	356	1.85

802.11g_Nss1,(6Mbps)_1TX

2417MHz_TX

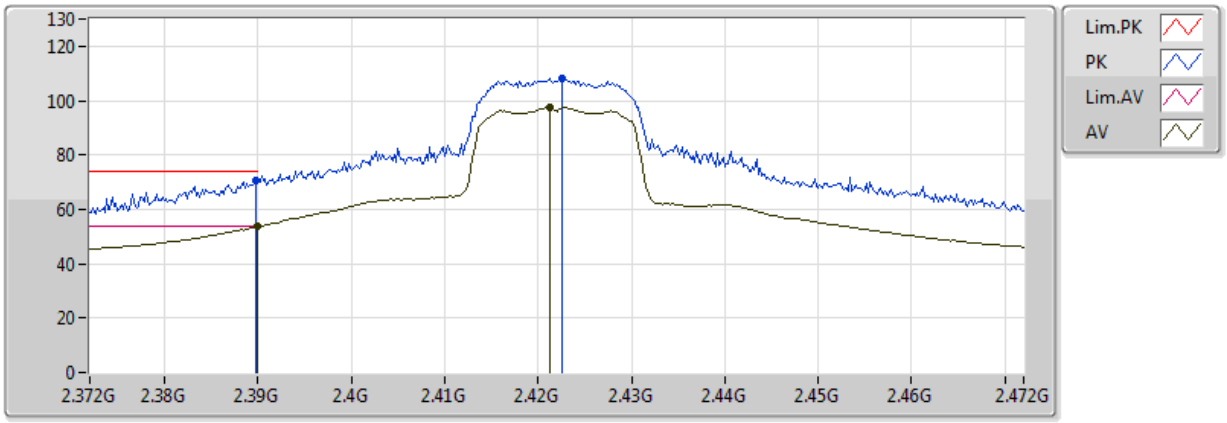


20180214
EUT Y_1TX ANT0
Setting 56
06-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.98	54.00	-0.02	32.12	3	Horizontal	58	1.17
AV	2.4164G	95.42	Inf	-Inf	32.20	3	Horizontal	58	1.17
PK	2.3888G	70.05	74.00	-3.95	32.11	3	Horizontal	58	1.17
PK	2.4184G	106.08	Inf	-Inf	32.21	3	Horizontal	58	1.17

802.11g_Nss1,(6Mbps)_1TX

2422MHz_TX

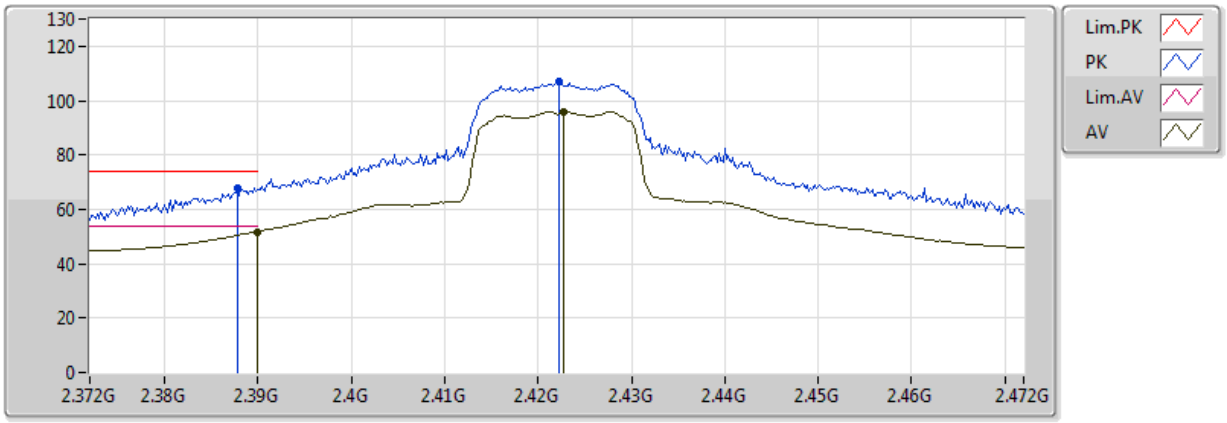


20180214
EUT Y_1TX ANT0
Setting 64
06-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.87	54.00	-0.13	32.12	3	Vertical	350	1.26
AV	2.4212G	97.51	Inf	-Inf	32.22	3	Vertical	350	1.26
PK	2.3898G	70.35	74.00	-3.65	32.12	3	Vertical	350	1.26
PK	2.4226G	108.08	Inf	-Inf	32.22	3	Vertical	350	1.26

802.11g_Nss1,(6Mbps)_1TX

2422MHz_TX

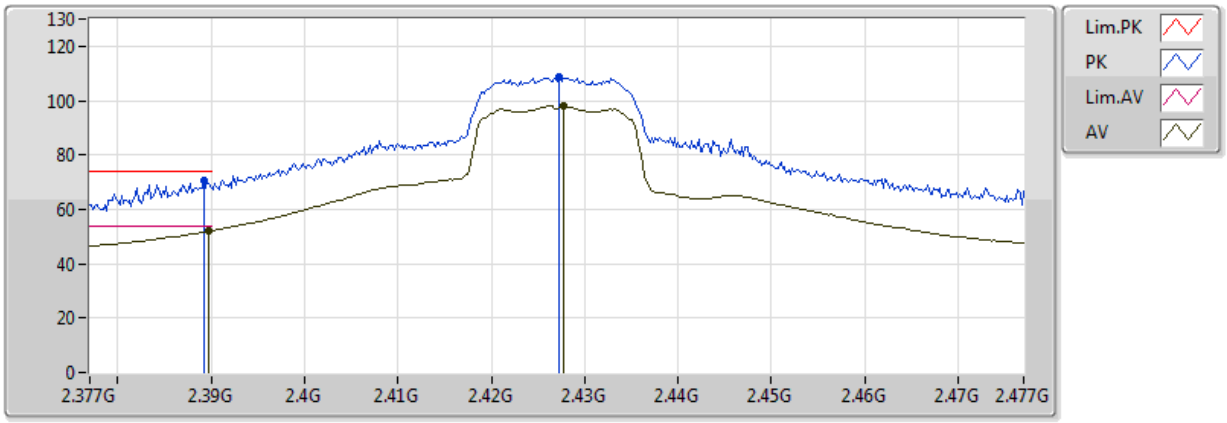


20180214
EUT Y_1TX ANT0
Setting 64
06-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	51.75	54.00	-2.25	32.12	3	Horizontal	35	1.14
AV	2.4228G	95.97	Inf	-Inf	32.22	3	Horizontal	35	1.14
PK	2.3878G	67.97	74.00	-6.03	32.11	3	Horizontal	35	1.14
PK	2.4222G	107.29	Inf	-Inf	32.22	3	Horizontal	35	1.14

802.11g_Nss1,(6Mbps)_1TX

2427MHz_TX

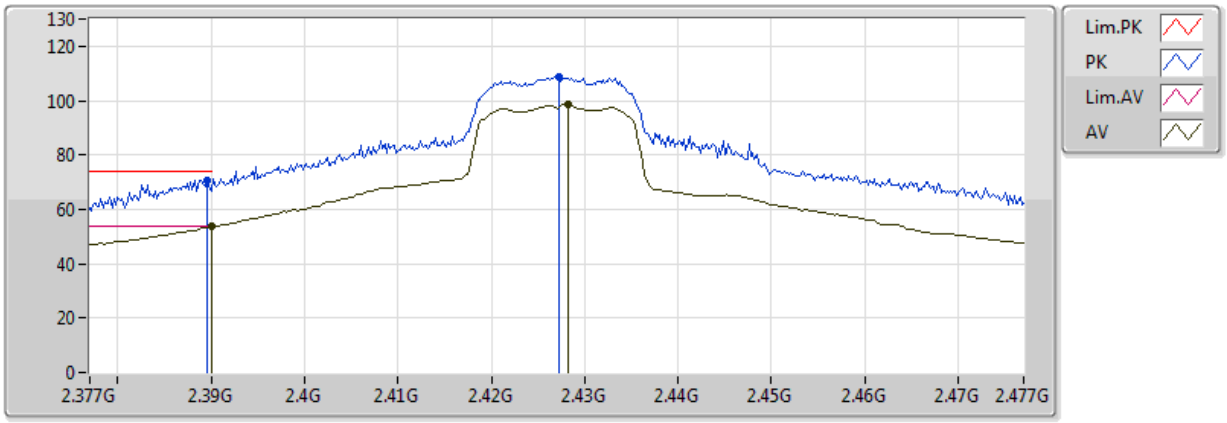


20180214
EUT Y_1TX ANT0
Setting 68
06-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3898G	52.01	54.00	-1.99	32.12	3	Vertical	355	1.49
AV	2.4278G	97.98	Inf	-Inf	32.24	3	Vertical	355	1.49
PK	2.3892G	70.37	74.00	-3.63	32.12	3	Vertical	355	1.49
PK	2.4272G	108.84	Inf	-Inf	32.24	3	Vertical	355	1.49

802.11g_Nss1,(6Mbps)_1TX

2427MHz_TX

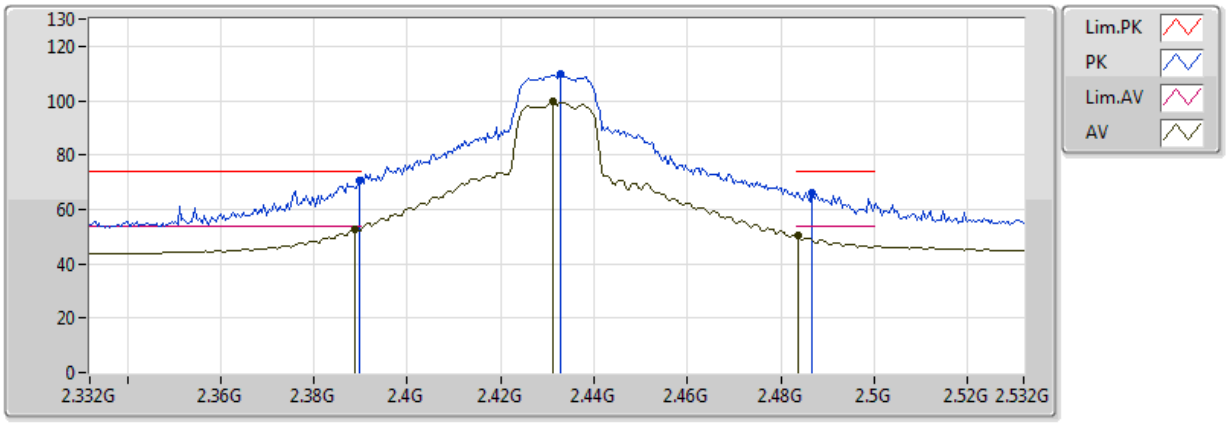


20180214
EUT Y_1TX ANT0
Setting 68
06-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.72	54.00	-0.28	32.12	3	Horizontal	59	1.14
AV	2.4282G	98.38	Inf	-Inf	32.24	3	Horizontal	59	1.14
PK	2.3896G	70.78	74.00	-3.22	32.12	3	Horizontal	59	1.14
PK	2.4272G	108.82	Inf	-Inf	32.24	3	Horizontal	59	1.14

802.11g_Nss1,(6Mbps)_1TX

2432MHz_TX

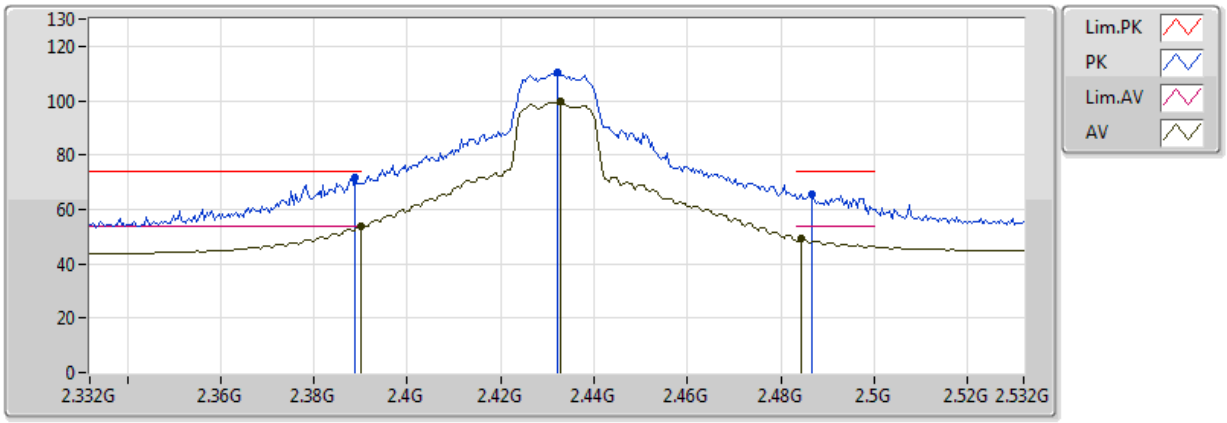


20180214
EUT Y_1TX ANT0
Setting 74
06-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3888G	52.67	54.00	-1.33	32.11	3	Vertical	354	1.31
AV	2.4312G	99.66	Inf	-Inf	32.25	3	Vertical	354	1.31
AV	2.4836G	50.42	54.00	-3.58	32.42	3	Vertical	354	1.31
PK	2.3896G	70.52	74.00	-3.48	32.12	3	Vertical	354	1.31
PK	2.4328G	109.73	Inf	-Inf	32.26	3	Vertical	354	1.31
PK	2.4868G	66.29	74.00	-7.71	32.43	3	Vertical	354	1.31

802.11g_Nss1,(6Mbps)_1TX

2432MHz_TX

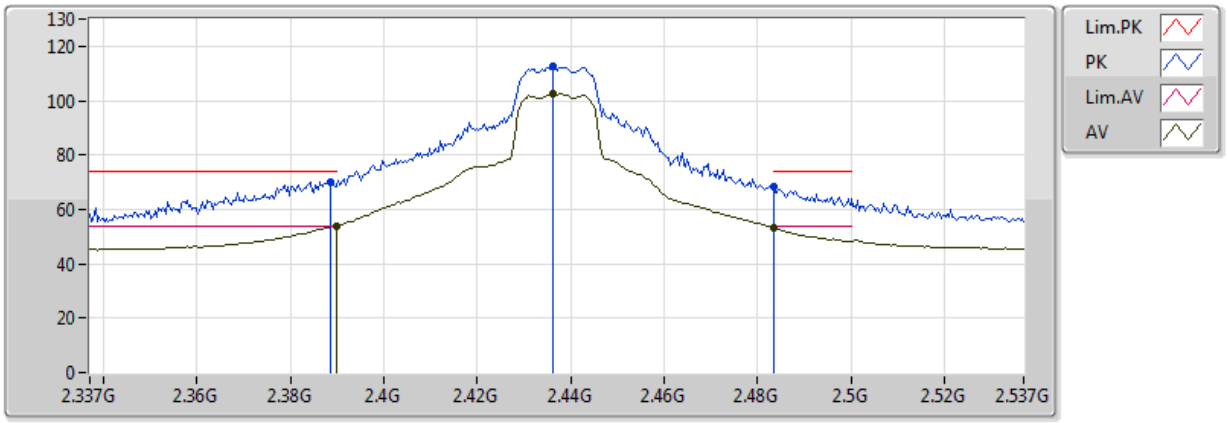


20180214
EUT Y_1TX ANT0
Setting 74
06-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.97	54.00	-0.03	32.12	3	Horizontal	57	1.15
AV	2.4328G	99.71	Inf	-Inf	32.26	3	Horizontal	57	1.15
AV	2.4844G	49.12	54.00	-4.88	32.42	3	Horizontal	57	1.15
PK	2.3888G	71.56	74.00	-2.44	32.11	3	Horizontal	57	1.15
PK	2.432G	110.14	Inf	-Inf	32.25	3	Horizontal	57	1.15
PK	2.4868G	65.51	74.00	-8.49	32.43	3	Horizontal	57	1.15

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

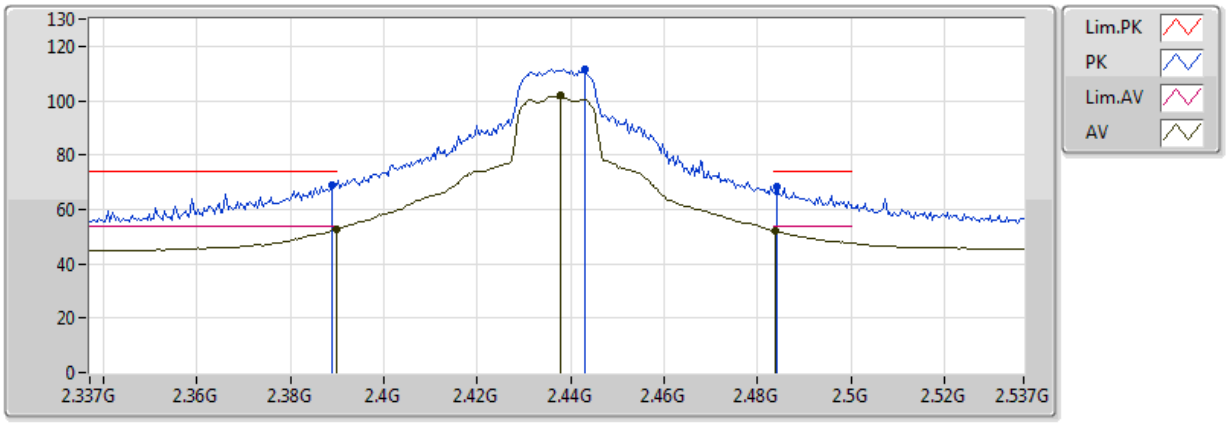


20171011
EUT Y_1TX ANT 0
Setting 78
03-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	53.79	54.00	-0.21	32.28	3	Vertical	0	1.40
AV	2.4362G	102.69	Inf	-Inf	32.40	3	Vertical	0	1.40
AV	2.483502G	53.18	54.00	-0.82	32.53	3	Vertical	0	1.40
PK	2.3886G	70.28	74.00	-3.72	32.28	3	Vertical	0	1.40
PK	2.4362G	112.71	Inf	-Inf	32.40	3	Vertical	0	1.40
PK	2.483502G	68.55	74.00	-5.45	32.53	3	Vertical	0	1.40

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

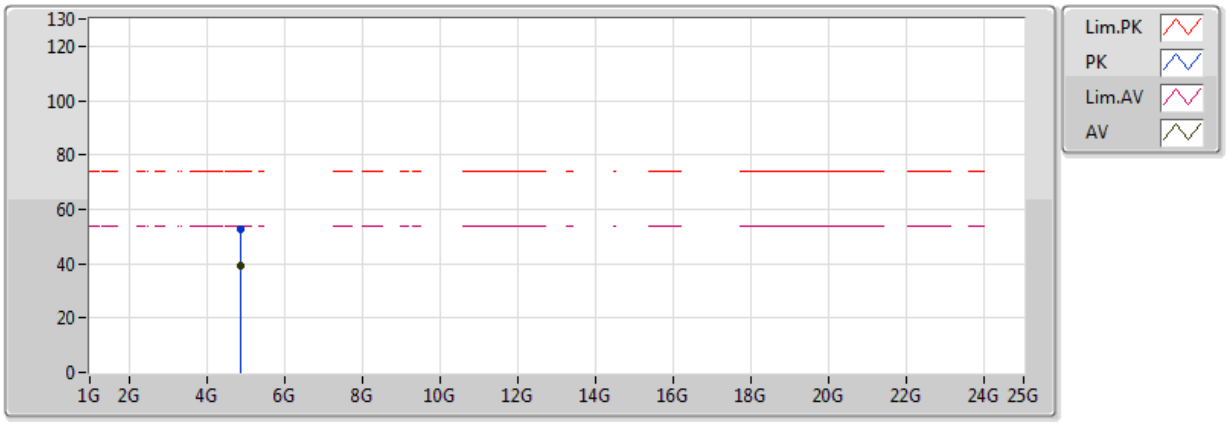


20171011
EUT Y_1TX ANT 0
Setting 78
03-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	52.86	54.00	-1.14	32.28	3	Horizontal	55	2.43
AV	2.4378G	102.08	Inf	-Inf	32.41	3	Horizontal	55	2.43
AV	2.4838G	52.09	54.00	-1.91	32.53	3	Horizontal	55	2.43
PK	2.389G	68.89	74.00	-5.11	32.28	3	Horizontal	55	2.43
PK	2.443G	111.68	Inf	-Inf	32.42	3	Horizontal	55	2.43
PK	2.4842G	68.25	74.00	-5.75	32.53	3	Horizontal	55	2.43

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

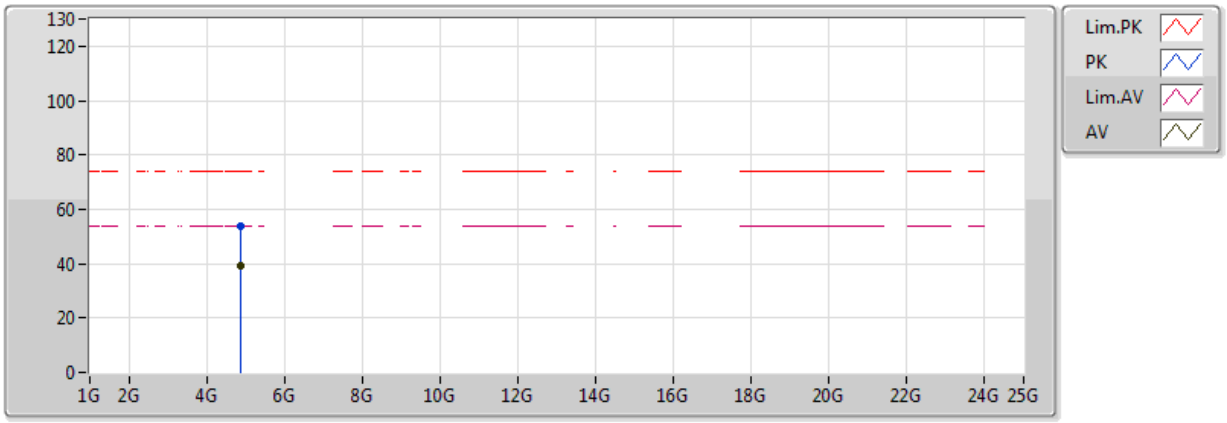


20171011
EUT Y_1TX ANT 0
Setting 78
03-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.873652G	39.11	54.00	-14.89	5.22	3	Vertical	198	1.25
PK	4.875158G	52.89	74.00	-21.11	5.23	3	Vertical	198	1.25

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

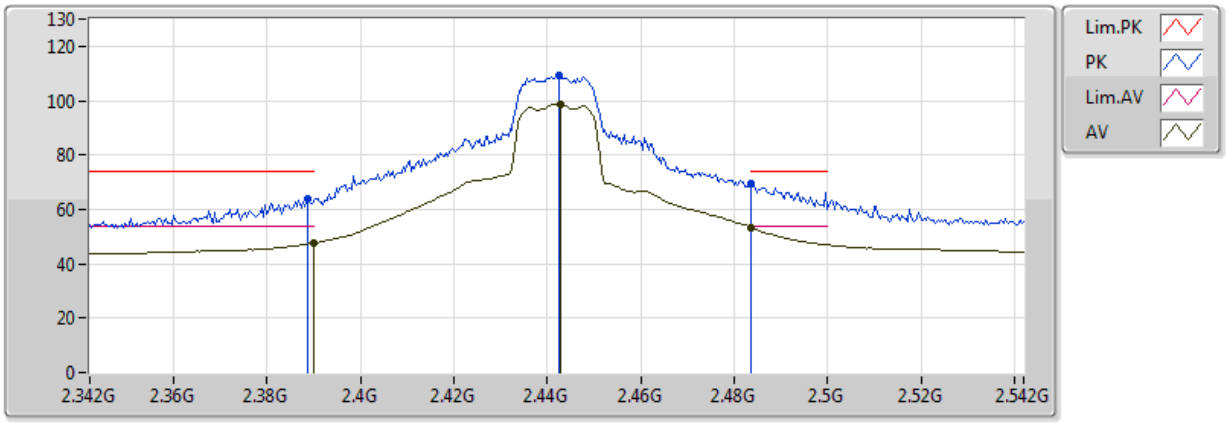


20171011
EUT Y_1TX ANT 0
Setting 78
03-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.873718G	39.44	54.00	-14.56	5.22	3	Horizontal	187	1.00
PK	4.873412G	53.63	74.00	-20.37	5.22	3	Horizontal	187	1.00

802.11g_Nss1,(6Mbps)_1TX

2442MHz_TX

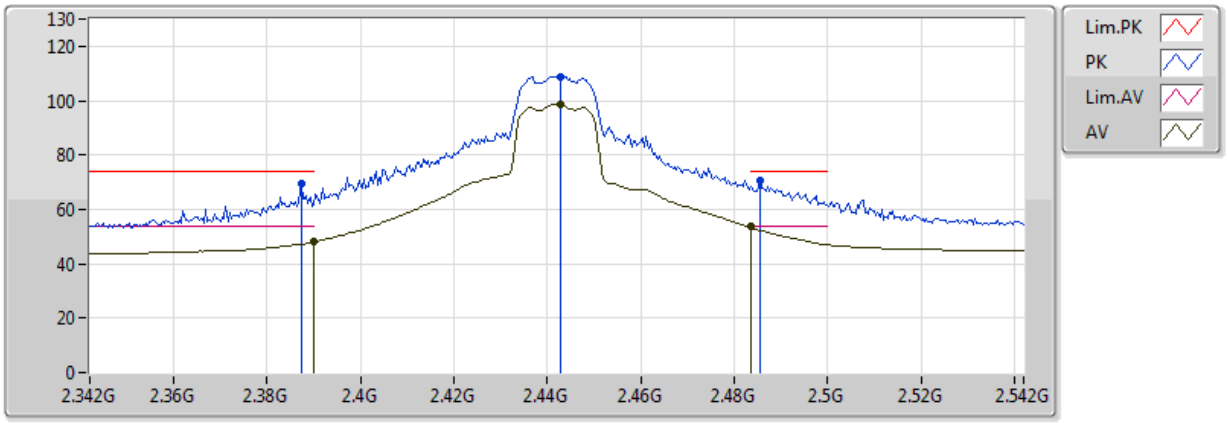


20180214
EUT Y_1TX ANT0
Setting 73
06-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	47.66	54.00	-6.34	32.12	3	Vertical	353	1.50
AV	2.4428G	98.76	Inf	-Inf	32.29	3	Vertical	353	1.50
AV	2.4836G	53.15	54.00	-0.85	32.42	3	Vertical	353	1.50
PK	2.3888G	63.97	74.00	-10.03	32.11	3	Vertical	353	1.50
PK	2.4424G	109.28	Inf	-Inf	32.29	3	Vertical	353	1.50
PK	2.4836G	69.22	74.00	-4.78	32.42	3	Vertical	353	1.50

802.11g_Nss1,(6Mbps)_1TX

2442MHz_TX

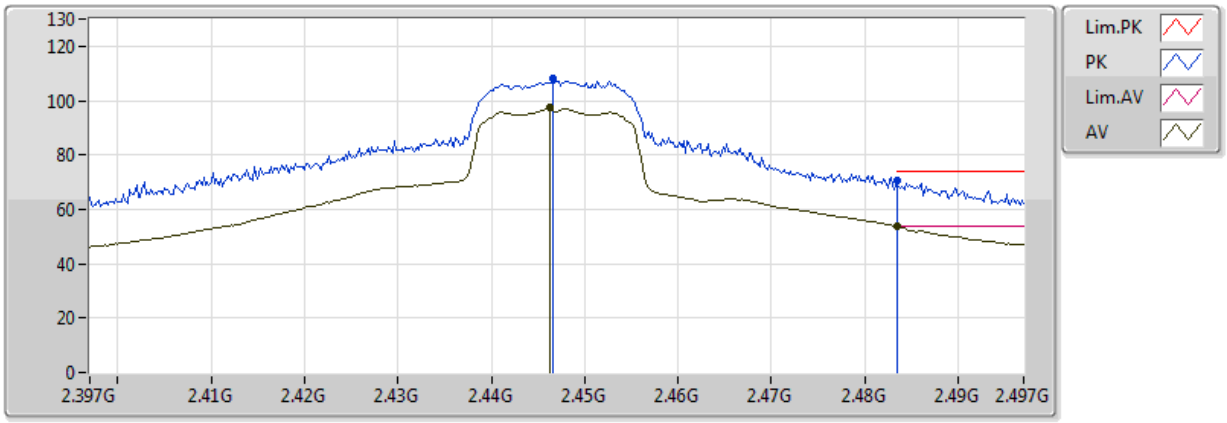


20180214
EUT Y_1TX ANT0
Setting 73
06-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	48.03	54.00	-5.97	32.12	3	Horizontal	59	1.03
AV	2.4428G	98.74	Inf	-Inf	32.29	3	Horizontal	59	1.03
AV	2.4836G	53.79	54.00	-0.21	32.42	3	Horizontal	59	1.03
PK	2.3872G	69.25	74.00	-4.75	32.11	3	Horizontal	59	1.03
PK	2.4428G	108.96	Inf	-Inf	32.29	3	Horizontal	59	1.03
PK	2.4856G	70.64	74.00	-3.36	32.43	3	Horizontal	59	1.03

802.11g_Nss1,(6Mbps)_1TX

2447MHz_TX

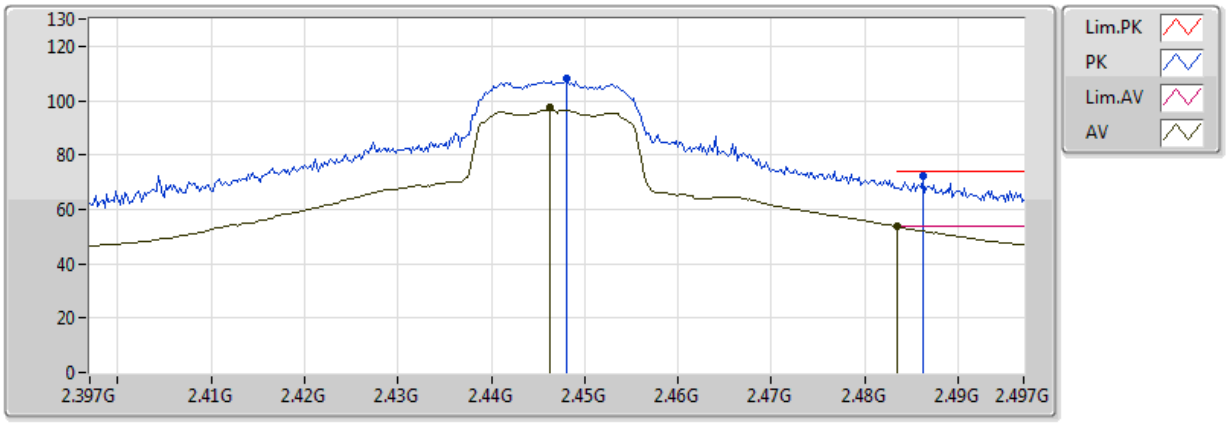


20180214
EUT Y_1TX ANT0
Setting 70
06-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4462G	97.65	Inf	-Inf	32.30	3	Vertical	4	1.50
AV	2.483502G	53.91	54.00	-0.09	32.42	3	Vertical	4	1.50
PK	2.4466G	107.99	Inf	-Inf	32.30	3	Vertical	4	1.50
PK	2.483502G	70.52	74.00	-3.48	32.42	3	Vertical	4	1.50

802.11g_Nss1,(6Mbps)_1TX

2447MHz_TX

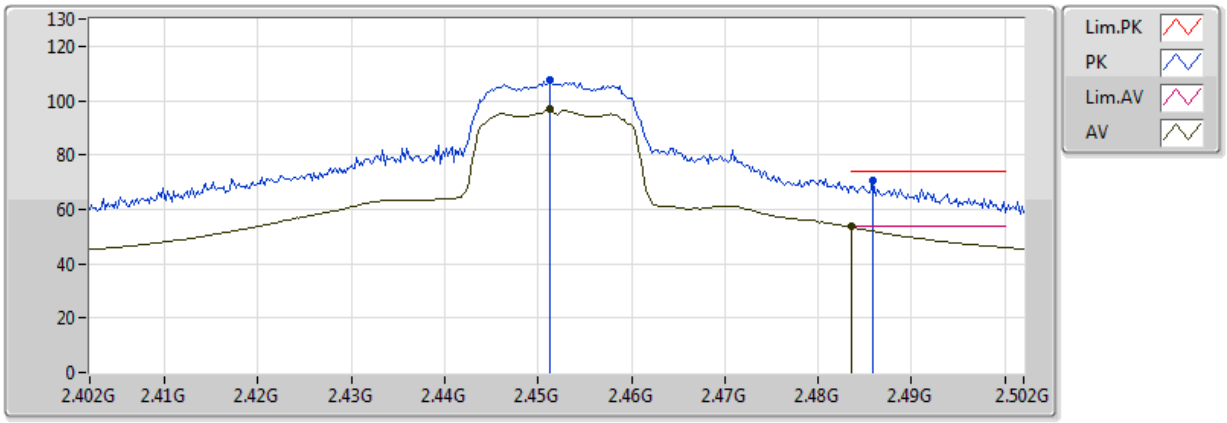


20180214
EUT Y_1TX ANT0
Setting 70
06-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4462G	97.60	Inf	-Inf	32.30	3	Horizontal	47	1.03
AV	2.483502G	53.96	54.00	-0.04	32.42	3	Horizontal	47	1.03
PK	2.448G	107.93	Inf	-Inf	32.31	3	Horizontal	47	1.03
PK	2.4862G	72.10	74.00	-1.90	32.43	3	Horizontal	47	1.03

802.11g_Nss1,(6Mbps)_1TX

2452MHz_TX

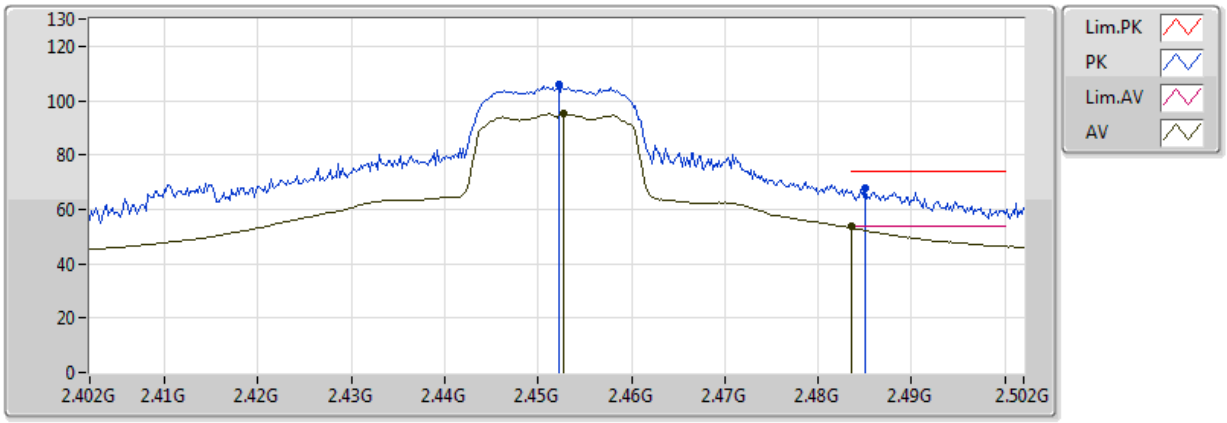


20180214
EUT Y_1TX ANT0
Setting 66
06-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4512G	97.03	Inf	-Inf	32.32	3	Vertical	357	1.54
AV	2.483502G	53.97	54.00	-0.03	32.42	3	Vertical	357	1.54
PK	2.4512G	107.77	Inf	-Inf	32.32	3	Vertical	357	1.54
PK	2.4858G	70.61	74.00	-3.39	32.43	3	Vertical	357	1.54

802.11g_Nss1,(6Mbps)_1TX

2452MHz_TX

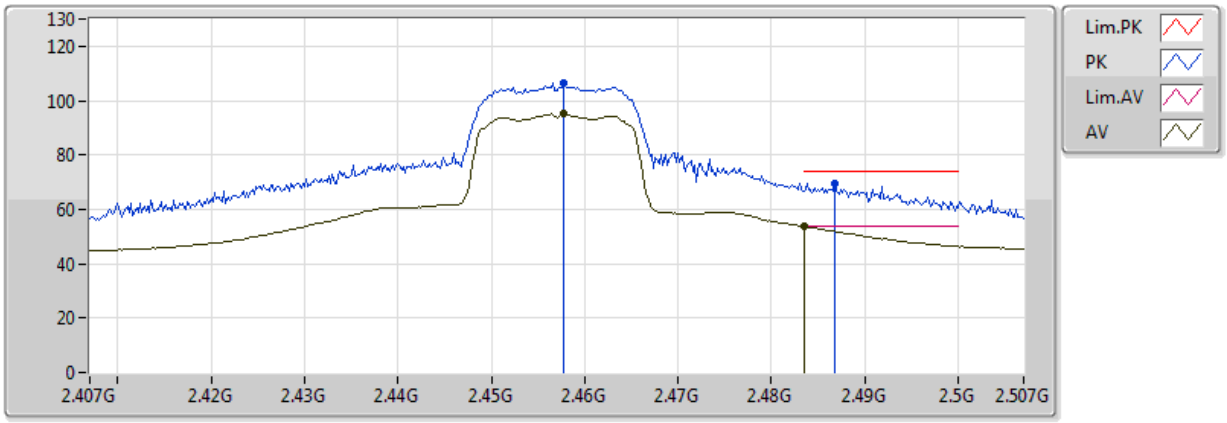


20180214
EUT Y_1TX ANT0
Setting 66
06-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4528G	95.04	Inf	-Inf	32.32	3	Horizontal	54	1.47
AV	2.483502G	53.84	54.00	-0.16	32.42	3	Horizontal	54	1.47
PK	2.4522G	105.73	Inf	-Inf	32.32	3	Horizontal	54	1.47
PK	2.485G	68.04	74.00	-5.96	32.43	3	Horizontal	54	1.47

802.11g_Nss1,(6Mbps)_1TX

2457MHz_TX

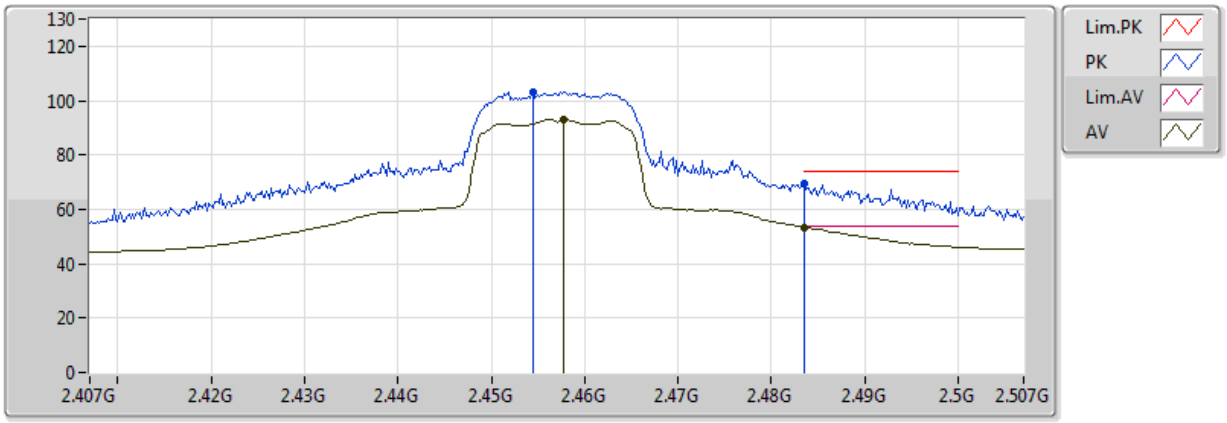


20180214
EUT Y_1TX ANT0
Setting 60
06-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4578G	95.05	Inf	-Inf	32.34	3	Vertical	348	1.59
AV	2.483502G	53.63	54.00	-0.37	32.42	3	Vertical	348	1.59
PK	2.4578G	106.31	Inf	-Inf	32.34	3	Vertical	348	1.59
PK	2.4868G	69.70	74.00	-4.30	32.43	3	Vertical	348	1.59

802.11g_Nss1,(6Mbps)_1TX

2457MHz_TX

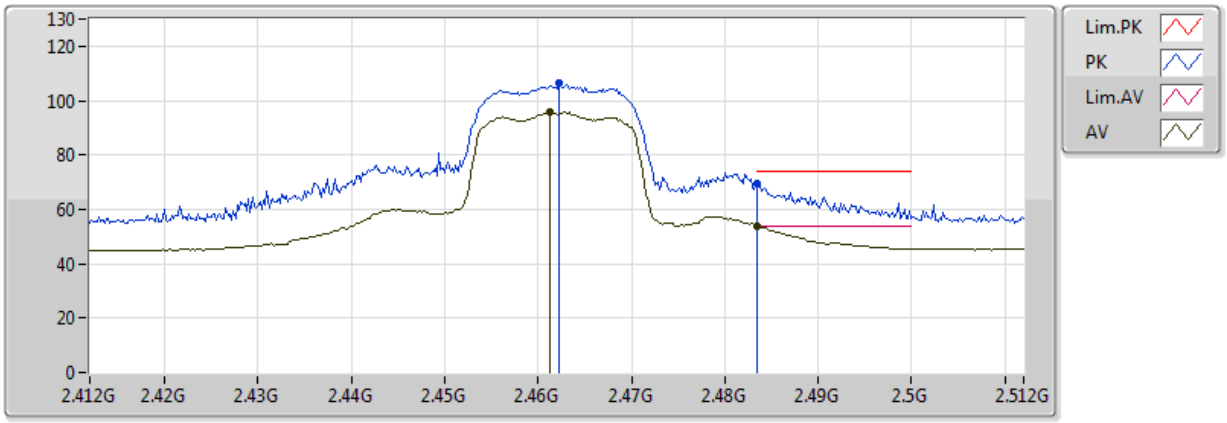


20180214
EUT Y_1TX ANT0
Setting 60
06-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4578G	93.09	Inf	-Inf	32.34	3	Horizontal	44	1.48
AV	2.483502G	53.51	54.00	-0.49	32.42	3	Horizontal	44	1.48
PK	2.4544G	103.34	Inf	-Inf	32.33	3	Horizontal	44	1.48
PK	2.483502G	69.76	74.00	-4.24	32.42	3	Horizontal	44	1.48

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

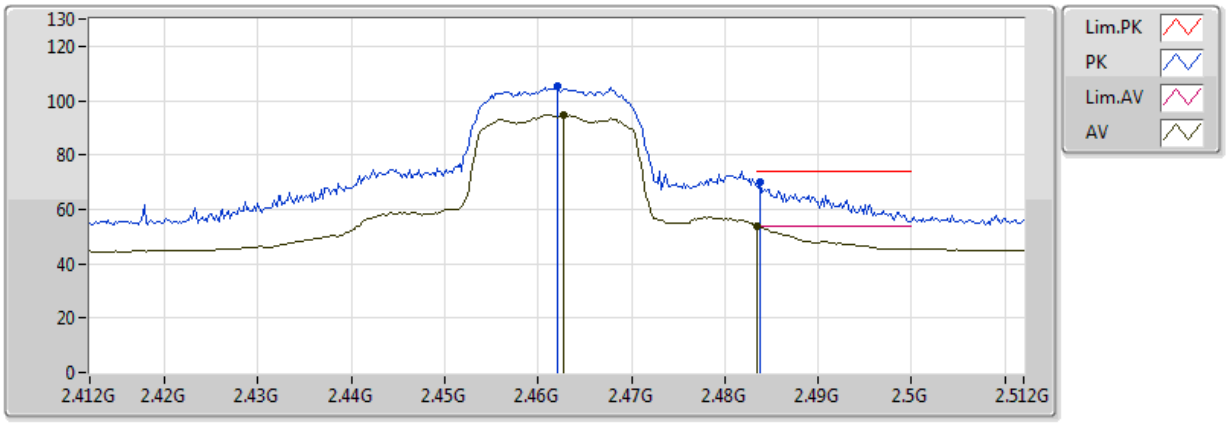


20171011
EUT Y_1TX ANT 0
Setting 51
03-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4612G	95.63	Inf	-Inf	32.47	3	Vertical	0	1.33
AV	2.483502G	53.97	54.00	-0.03	32.53	3	Vertical	0	1.33
PK	2.4622G	106.53	Inf	-Inf	32.47	3	Vertical	0	1.33
PK	2.483502G	69.58	74.00	-4.42	32.53	3	Vertical	0	1.33

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

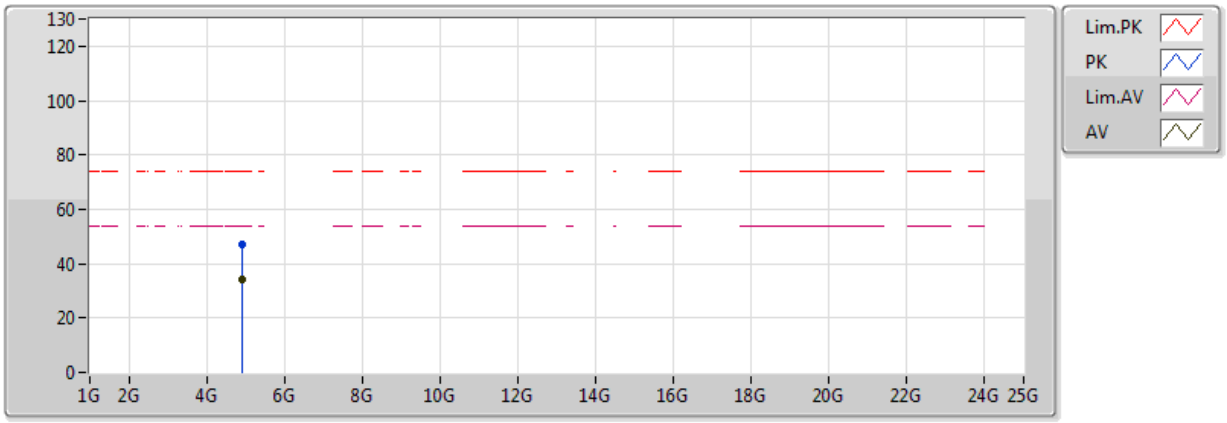


20171011
EUT Y_1TX ANT 0
Setting 51
03-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4628G	94.85	Inf	-Inf	32.47	3	Horizontal	59	2.98
AV	2.483502G	53.94	54.00	-0.06	32.53	3	Horizontal	59	2.98
PK	2.462G	105.14	Inf	-Inf	32.47	3	Horizontal	59	2.98
PK	2.4838G	69.82	74.00	-4.18	32.53	3	Horizontal	59	2.98

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

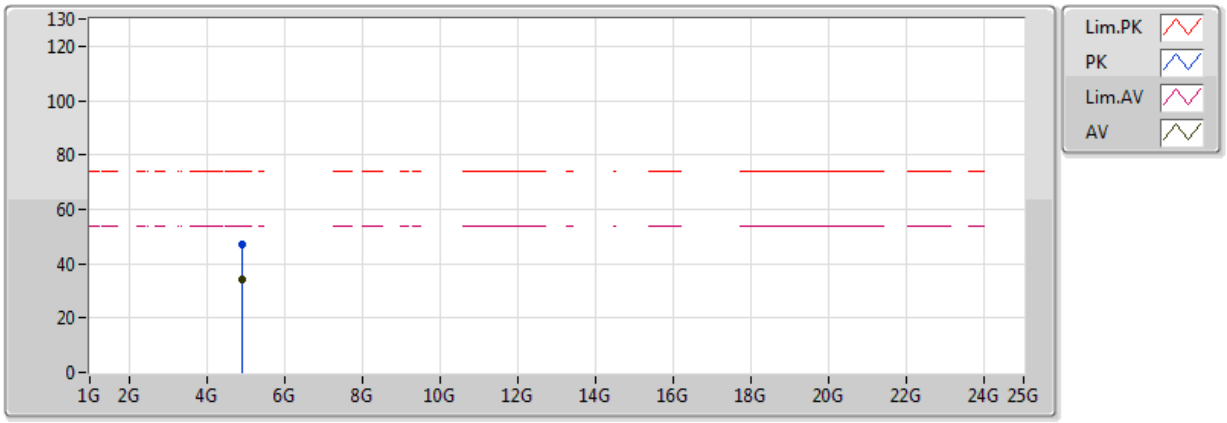


20171011
EUT Y_1TX ANT 0
Setting 51
03-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.92601G	34.15	54.00	-19.85	5.46	3	Vertical	83	1.18
PK	4.92158G	47.33	74.00	-26.67	5.44	3	Vertical	83	1.18

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

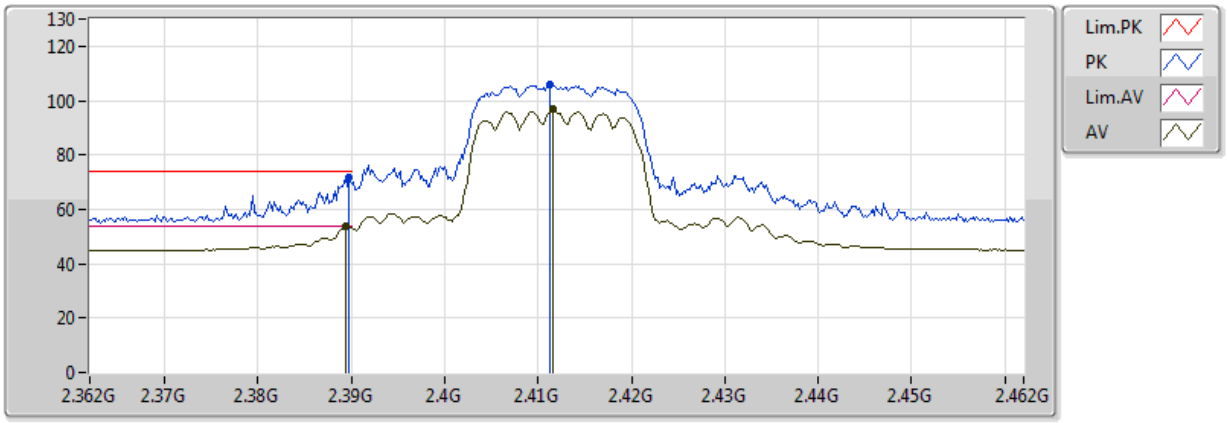


20171011
EUT Y_1TX ANT 0
Setting 51
03-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.92219G	34.07	54.00	-19.93	5.44	3	Horizontal	207	1.23
PK	4.92555G	47.07	74.00	-26.93	5.45	3	Horizontal	207	1.23

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

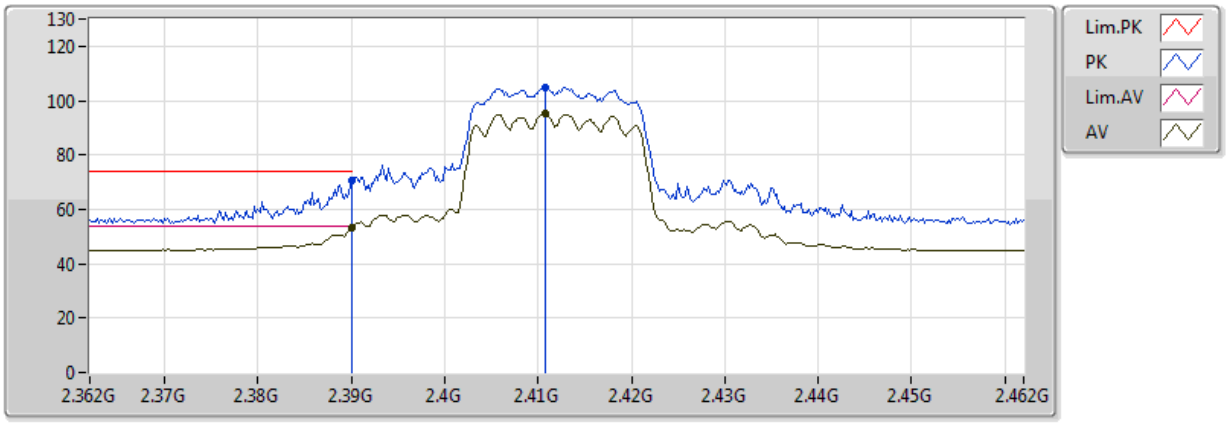


20171011
EUT Y_2TX
Setting 45
03-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3894G	53.87	54.00	-0.13	32.28	3	Vertical	358	1.02
AV	2.4116G	96.86	Inf	-Inf	32.34	3	Vertical	358	1.02
PK	2.3898G	71.47	74.00	-2.53	32.28	3	Vertical	358	1.02
PK	2.4112G	106.01	Inf	-Inf	32.34	3	Vertical	358	1.02

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

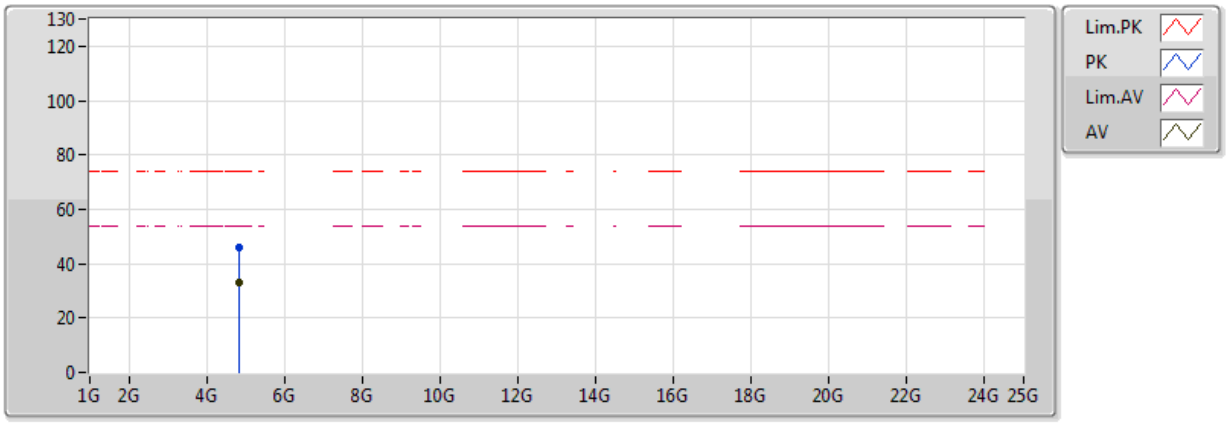


20171011
EUT Y_2TX
Setting 45
03-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.15	54.00	-0.85	32.28	3	Horizontal	44	1.01
AV	2.4108G	95.32	Inf	-Inf	32.34	3	Horizontal	44	1.01
PK	2.39G	70.87	74.00	-3.13	32.28	3	Horizontal	44	1.01
PK	2.4108G	104.65	Inf	-Inf	32.34	3	Horizontal	44	1.01

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

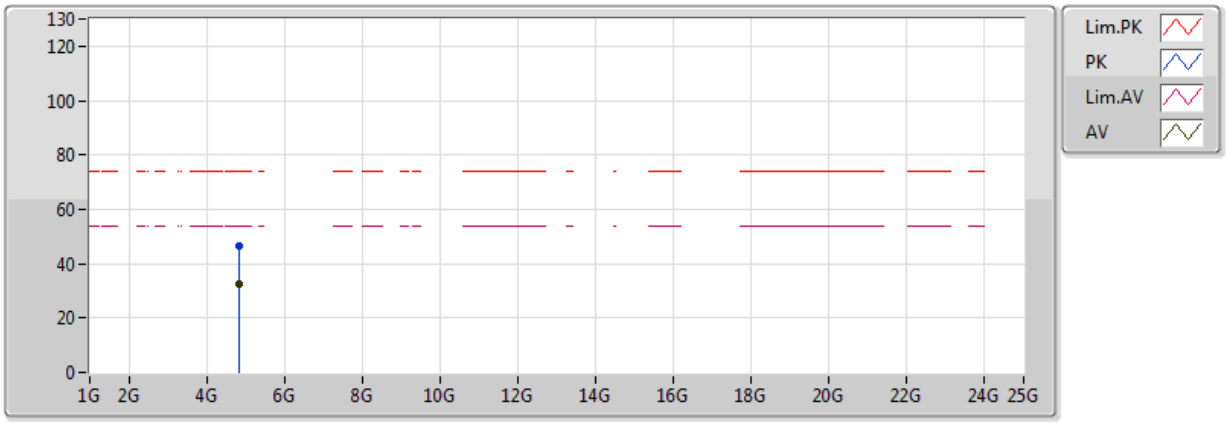


20171011
EUT Y_2TX
Setting 45
03-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.82347G	32.82	54.00	-21.18	5.00	3	Vertical	82	1.86
PK	4.82224G	46.21	74.00	-27.79	5.00	3	Vertical	82	1.86

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

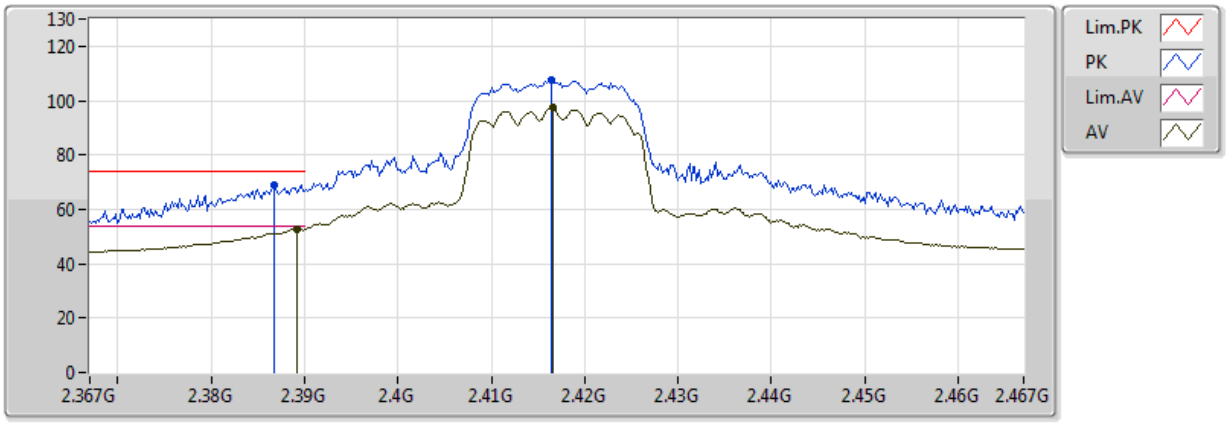


20171011
EUT Y_2TX
Setting 45
03-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.825G	32.59	54.00	-21.41	5.01	3	Horizontal	277	2.31
PK	4.82463G	46.27	74.00	-27.73	5.01	3	Horizontal	277	2.31

802.11n HT20_Nss1,(MCS0)_2TX

2417MHz_TX

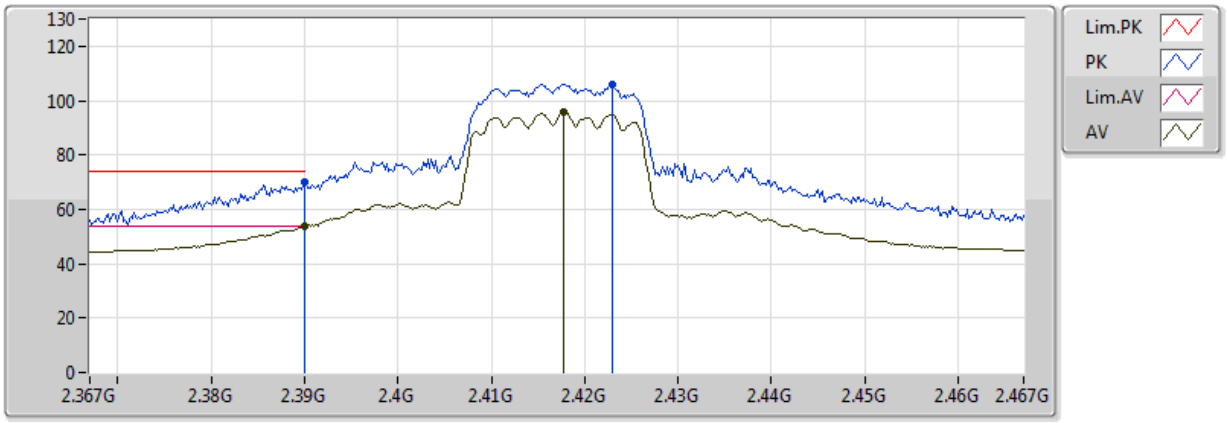


20180214
EUT Y_2TX
Setting 55
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3892G	52.71	54.00	-1.29	32.12	3	Vertical	351	1.20
AV	2.4166G	97.50	Inf	-Inf	32.20	3	Vertical	351	1.20
PK	2.3868G	69.18	74.00	-4.82	32.11	3	Vertical	351	1.20
PK	2.4164G	107.54	Inf	-Inf	32.20	3	Vertical	351	1.20

802.11n HT20_Nss1,(MCS0)_2TX

2417MHz_TX

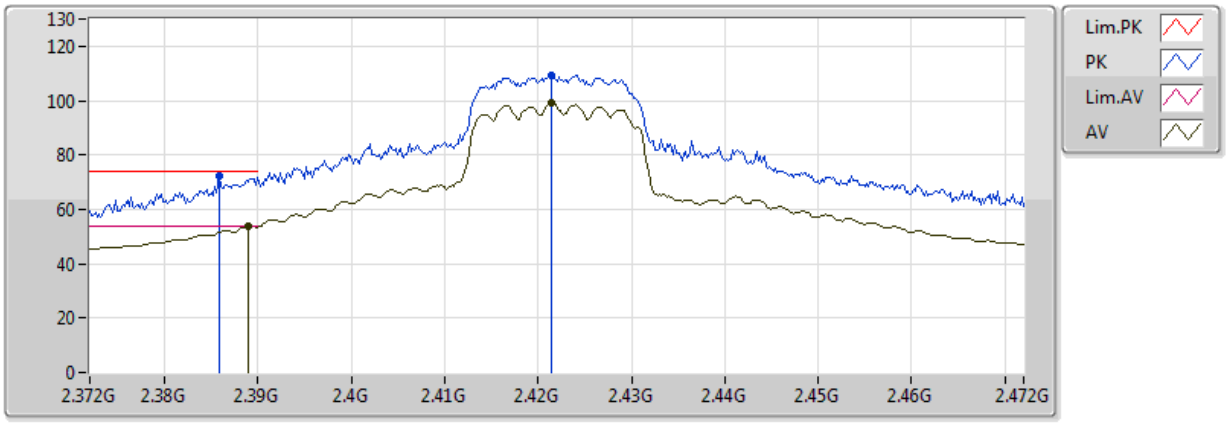


20180214
EUT Y_2TX
Setting 55
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.88	54.00	-0.12	32.12	3	Horizontal	44	1.11
AV	2.4178G	95.83	Inf	-Inf	32.21	3	Horizontal	44	1.11
PK	2.39G	70.02	74.00	-3.98	32.12	3	Horizontal	44	1.11
PK	2.423G	105.76	Inf	-Inf	32.22	3	Horizontal	44	1.11

802.11n HT20_Nss1,(MCS0)_2TX

2422MHz_TX

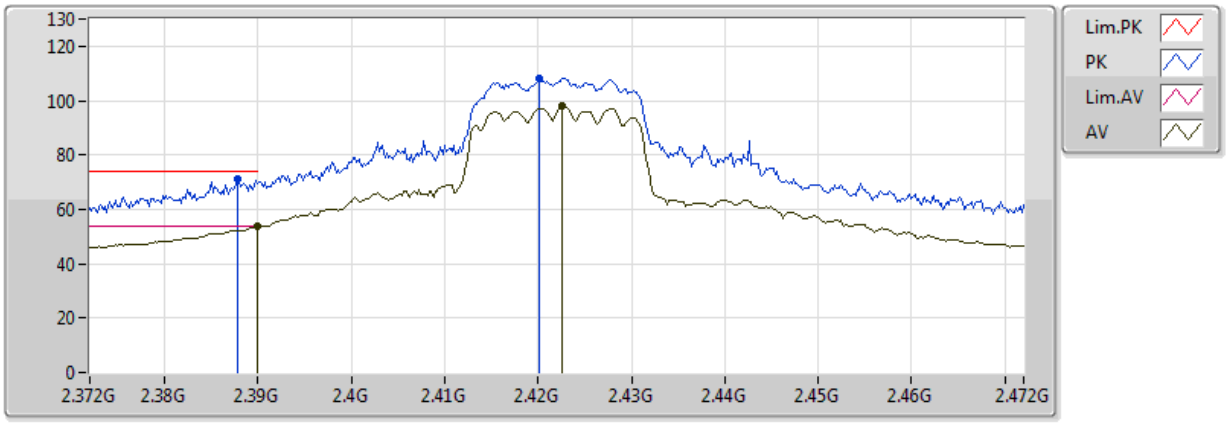


20180214
EUT Y_2TX
Setting 64
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389G	53.98	54.00	-0.02	32.11	3	Vertical	352	1.05
AV	2.4214G	99.43	Inf	-Inf	32.22	3	Vertical	352	1.05
PK	2.3858G	72.05	74.00	-1.95	32.10	3	Vertical	352	1.05
PK	2.4214G	109.28	Inf	-Inf	32.22	3	Vertical	352	1.05

802.11n HT20_Nss1,(MCS0)_2TX

2422MHz_TX

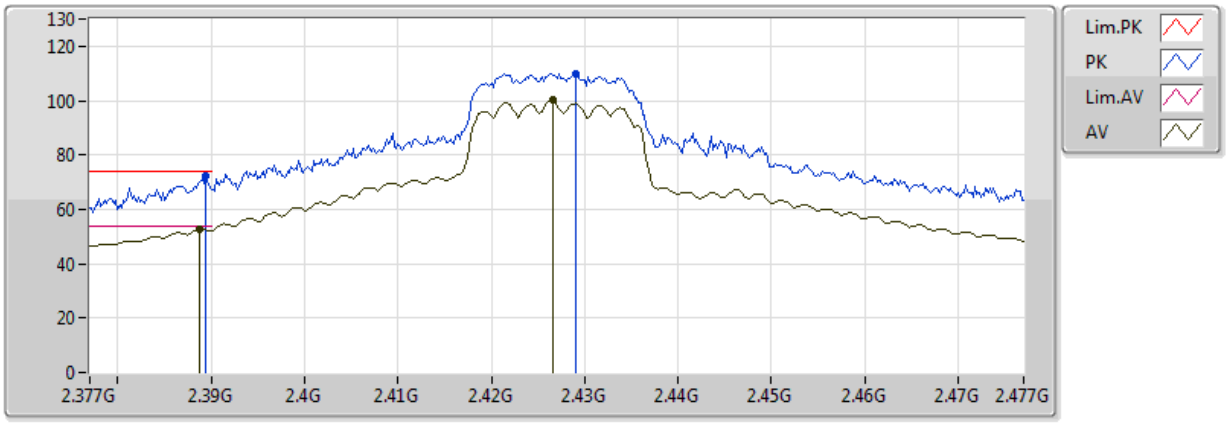


20180214
EUT Y_2TX
Setting 64
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.98	54.00	-0.02	32.12	3	Horizontal	47	1.01
AV	2.4226G	97.99	Inf	-Inf	32.22	3	Horizontal	47	1.01
PK	2.3878G	71.15	74.00	-2.85	32.11	3	Horizontal	47	1.01
PK	2.4202G	108.38	Inf	-Inf	32.22	3	Horizontal	47	1.01

802.11n HT20_Nss1,(MCS0)_2TX

2427MHz_TX

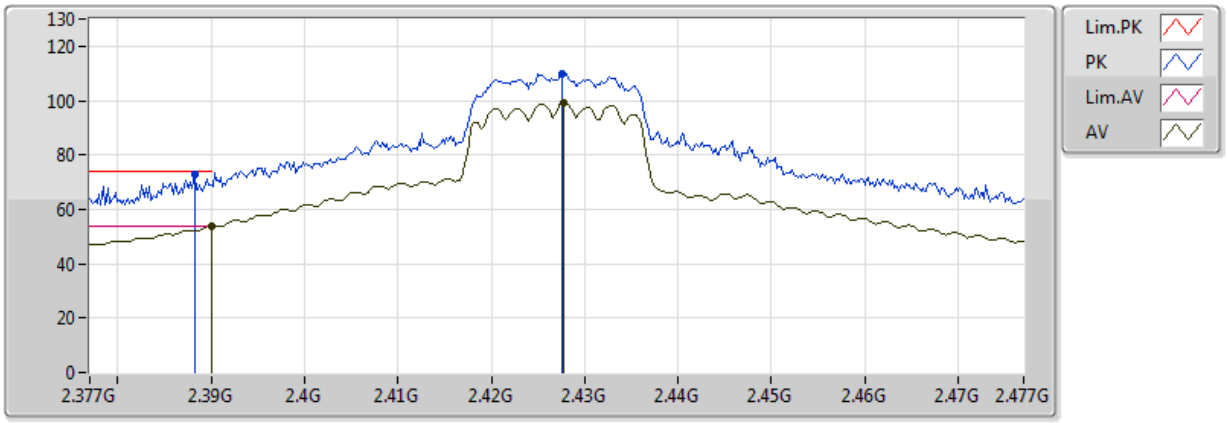


20180214
EUT Y_2TX
Setting 68
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3888G	52.86	54.00	-1.14	32.11	3	Vertical	352	1.05
AV	2.4266G	100.21	Inf	-Inf	32.24	3	Vertical	352	1.05
PK	2.3894G	72.19	74.00	-1.81	32.12	3	Vertical	352	1.05
PK	2.429G	109.97	Inf	-Inf	32.24	3	Vertical	352	1.05

802.11n HT20_Nss1,(MCS0)_2TX

2427MHz_TX

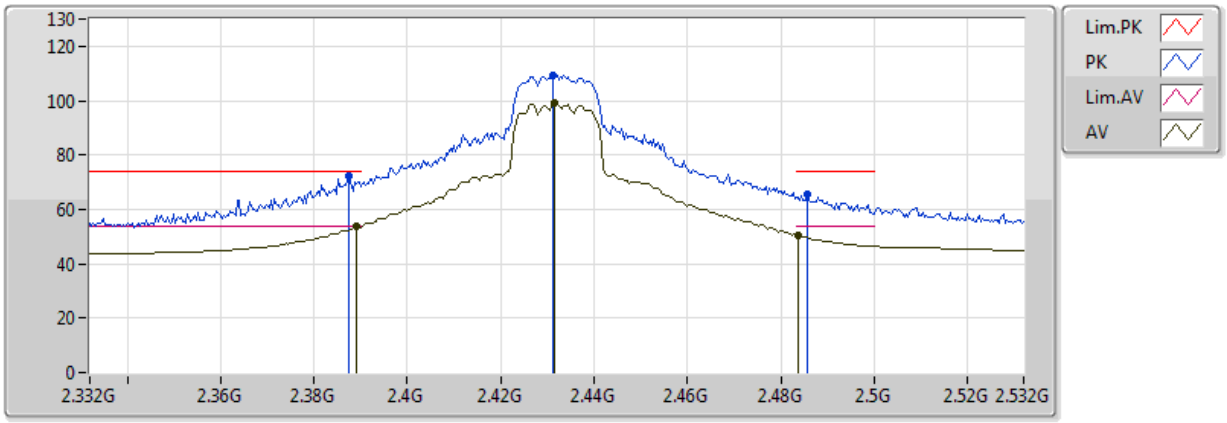


20180214
EUT Y_2TX
Setting 68
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.99	54.00	-0.01	32.12	3	Horizontal	46	1.11
AV	2.4278G	99.39	Inf	-Inf	32.24	3	Horizontal	46	1.11
PK	2.3882G	72.80	74.00	-1.20	32.11	3	Horizontal	46	1.11
PK	2.4276G	109.84	Inf	-Inf	32.24	3	Horizontal	46	1.11

802.11n HT20_Nss1,(MCS0)_2TX

2432MHz_TX

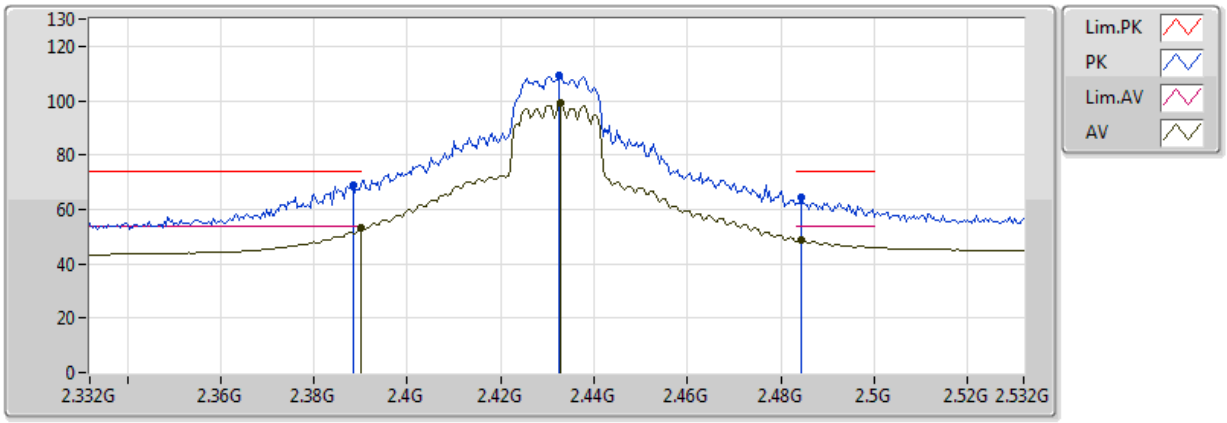


20180214
EUT Y_2TX
Setting 74
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3892G	53.57	54.00	-0.43	32.12	3	Vertical	357	2.04
AV	2.4316G	99.38	Inf	-Inf	32.25	3	Vertical	357	2.04
AV	2.4836G	50.53	54.00	-3.47	32.42	3	Vertical	357	2.04
PK	2.3876G	72.18	74.00	-1.82	32.11	3	Vertical	357	2.04
PK	2.4312G	109.45	Inf	-Inf	32.25	3	Vertical	357	2.04
PK	2.4856G	65.71	74.00	-8.29	32.43	3	Vertical	357	2.04

802.11n HT20_Nss1,(MCS0)_2TX

2432MHz_TX

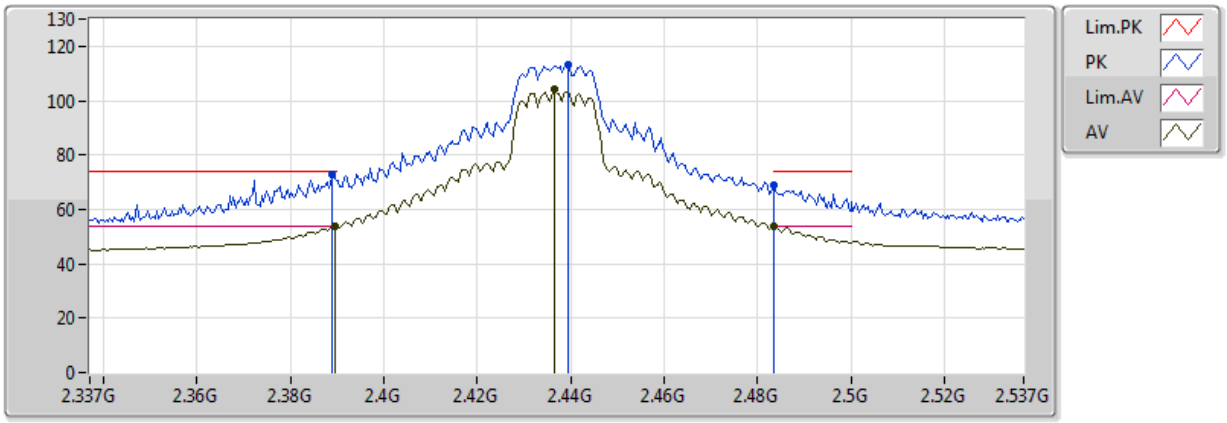


20180214
EUT Y_2TX
Setting 74
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.06	54.00	-0.94	32.12	3	Horizontal	48	1.79
AV	2.4328G	99.03	Inf	-Inf	32.26	3	Horizontal	48	1.79
AV	2.4844G	48.80	54.00	-5.20	32.42	3	Horizontal	48	1.79
PK	2.3884G	68.89	74.00	-5.11	32.11	3	Horizontal	48	1.79
PK	2.4324G	109.02	Inf	-Inf	32.26	3	Horizontal	48	1.79
PK	2.4844G	64.19	74.00	-9.81	32.42	3	Horizontal	48	1.79

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

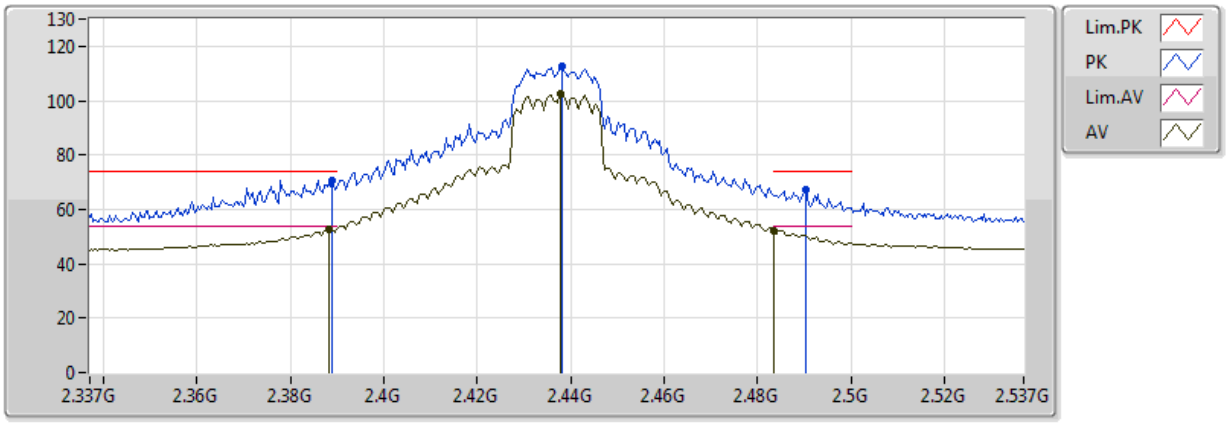


20171011
EUT Y_2TX
Setting 75
03-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3894G	53.98	54.00	-0.02	32.28	3	Vertical	351	1.01
AV	2.4366G	104.19	Inf	-Inf	32.41	3	Vertical	351	1.01
AV	2.483502G	53.82	54.00	-0.18	32.53	3	Vertical	351	1.01
PK	2.389G	72.74	74.00	-1.26	32.28	3	Vertical	351	1.01
PK	2.4394G	113.17	Inf	-Inf	32.41	3	Vertical	351	1.01
PK	2.483502G	69.11	74.00	-4.89	32.53	3	Vertical	351	1.01

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

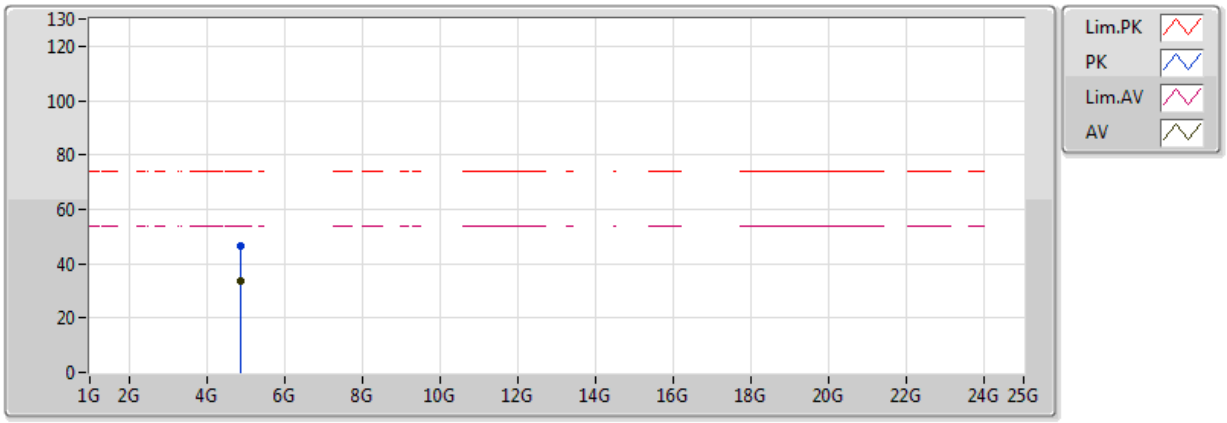


20171011
EUT Y_2TX
Setting 75
03-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3882G	52.76	54.00	-1.24	32.28	3	Horizontal	44	1.01
AV	2.4378G	102.68	Inf	-Inf	32.41	3	Horizontal	44	1.01
AV	2.483502G	52.26	54.00	-1.74	32.53	3	Horizontal	44	1.01
PK	2.389G	70.59	74.00	-3.41	32.28	3	Horizontal	44	1.01
PK	2.4382G	112.69	Inf	-Inf	32.41	3	Horizontal	44	1.01
PK	2.4902G	67.06	74.00	-6.94	32.54	3	Horizontal	44	1.01

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

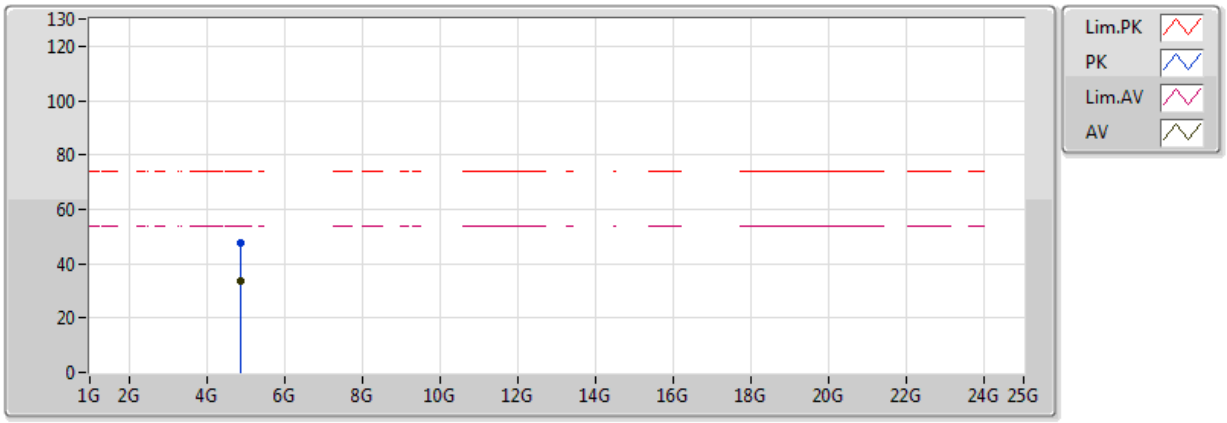


20171011
EUT Y_2TX
Setting 75
03-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.87632G	33.41	54.00	-20.59	5.24	3	Vertical	11	1.97
PK	4.8716G	46.71	74.00	-27.29	5.22	3	Vertical	11	1.97

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

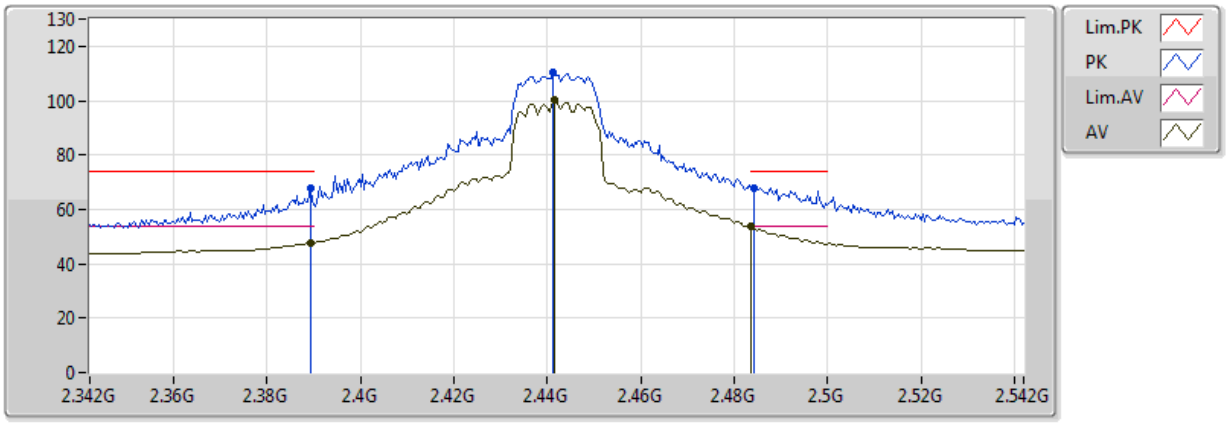


20171011
EUT Y_2TX
Setting 75
03-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.87617G	33.80	54.00	-20.20	5.24	3	Horizontal	164	2.39
PK	4.87592G	47.37	74.00	-26.63	5.23	3	Horizontal	164	2.39

802.11n HT20_Nss1,(MCS0)_2TX

2442MHz_TX

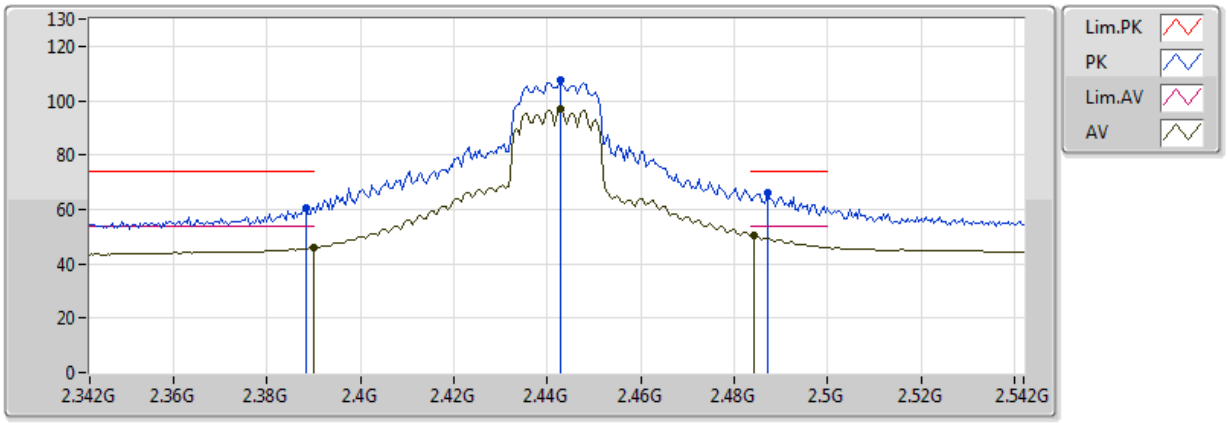


20180214
EUT Y_2TX
Setting 70
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3892G	47.61	54.00	-6.39	32.12	3	Vertical	355	1.48
AV	2.4416G	100.04	Inf	-Inf	32.29	3	Vertical	355	1.48
AV	2.4836G	53.68	54.00	-0.32	32.42	3	Vertical	355	1.48
PK	2.3892G	67.91	74.00	-6.09	32.12	3	Vertical	355	1.48
PK	2.4412G	110.11	Inf	-Inf	32.28	3	Vertical	355	1.48
PK	2.4844G	67.94	74.00	-6.06	32.42	3	Vertical	355	1.48

802.11n HT20_Nss1,(MCS0)_2TX

2442MHz_TX

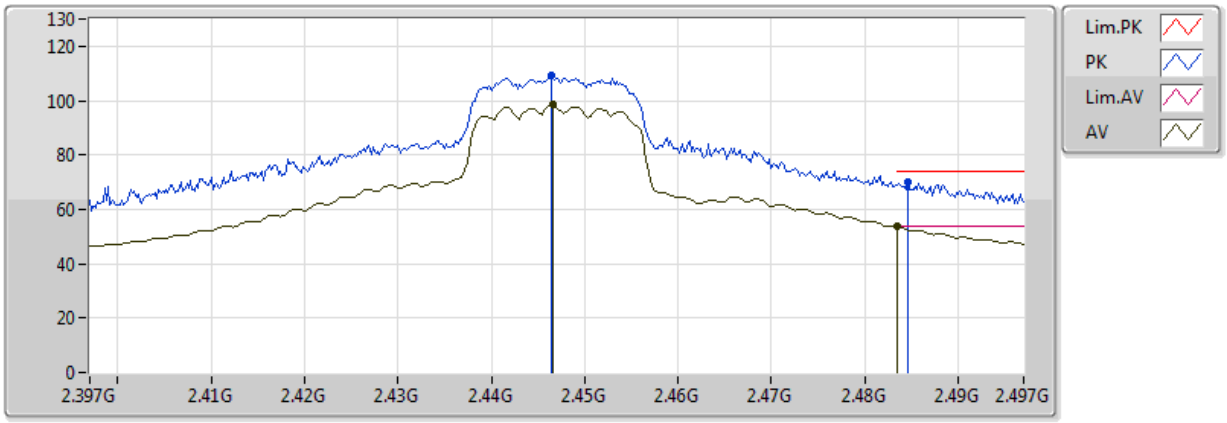


20180214
EUT Y_2TX
Setting 70
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	46.02	54.00	-7.98	32.12	3	Horizontal	32	2.10
AV	2.4428G	97.15	Inf	-Inf	32.29	3	Horizontal	32	2.10
AV	2.4844G	50.46	54.00	-3.54	32.42	3	Horizontal	32	2.10
PK	2.3884G	60.79	74.00	-13.21	32.11	3	Horizontal	32	2.10
PK	2.4428G	107.41	Inf	-Inf	32.29	3	Horizontal	32	2.10
PK	2.4872G	66.03	74.00	-7.97	32.43	3	Horizontal	32	2.10

802.11n HT20_Nss1,(MCS0)_2TX

2447MHz_TX

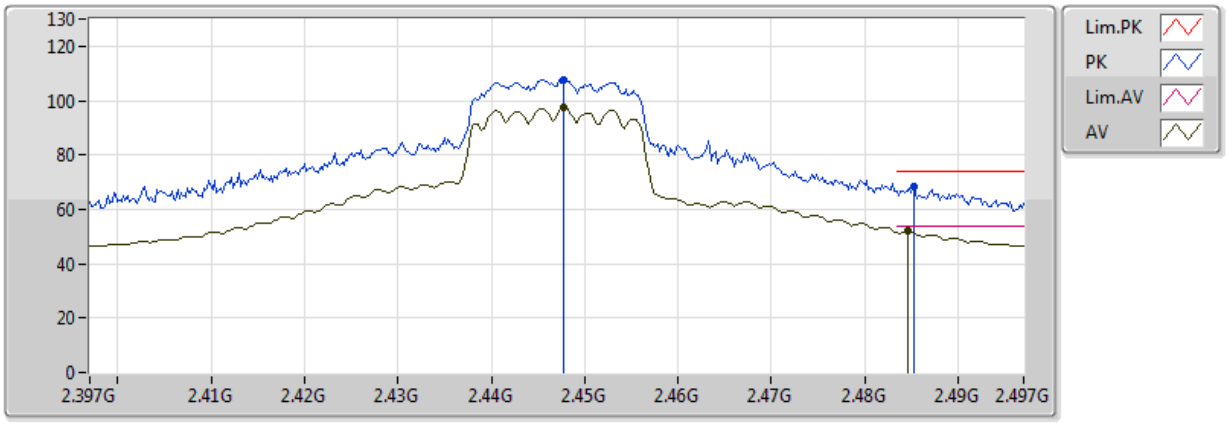


20180214
EUT Y_2TX
Setting 65
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4466G	98.78	Inf	-Inf	32.30	3	Vertical	357	1.50
AV	2.483502G	53.80	54.00	-0.20	32.42	3	Vertical	357	1.50
PK	2.4464G	109.15	Inf	-Inf	32.30	3	Vertical	357	1.50
PK	2.4846G	70.13	74.00	-3.87	32.42	3	Vertical	357	1.50

802.11n HT20_Nss1,(MCS0)_2TX

2447MHz_TX

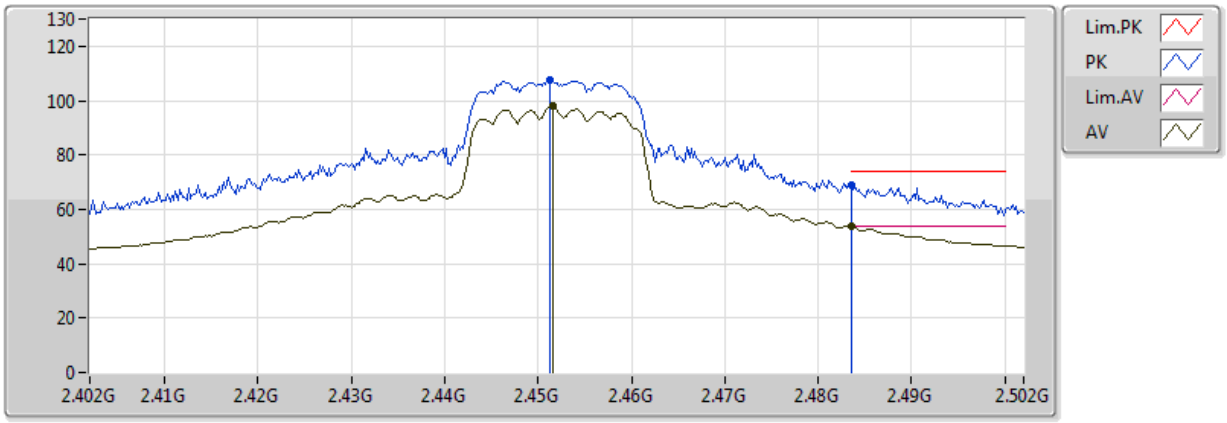


20180214
EUT Y_2TX
Setting 65
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4478G	97.51	Inf	-Inf	32.31	3	Horizontal	49	1.32
AV	2.4846G	51.92	54.00	-2.08	32.42	3	Horizontal	49	1.32
PK	2.4478G	107.71	Inf	-Inf	32.31	3	Horizontal	49	1.32
PK	2.4852G	68.48	74.00	-5.52	32.43	3	Horizontal	49	1.32

802.11n HT20_Nss1,(MCS0)_2TX

2452MHz_TX

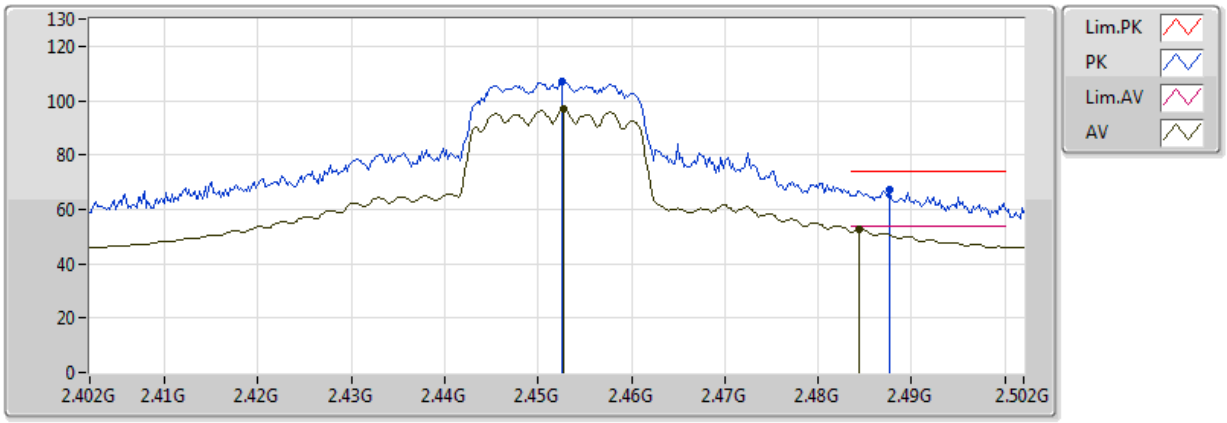


20180214
EUT Y_2TX
Setting 62
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4516G	97.92	Inf	-Inf	32.32	3	Vertical	13	1.55
AV	2.483502G	53.99	54.00	-0.01	32.42	3	Vertical	13	1.55
PK	2.4512G	107.33	Inf	-Inf	32.32	3	Vertical	13	1.55
PK	2.483502G	68.90	74.00	-5.10	32.42	3	Vertical	13	1.55

802.11n HT20_Nss1,(MCS0)_2TX

2452MHz_TX

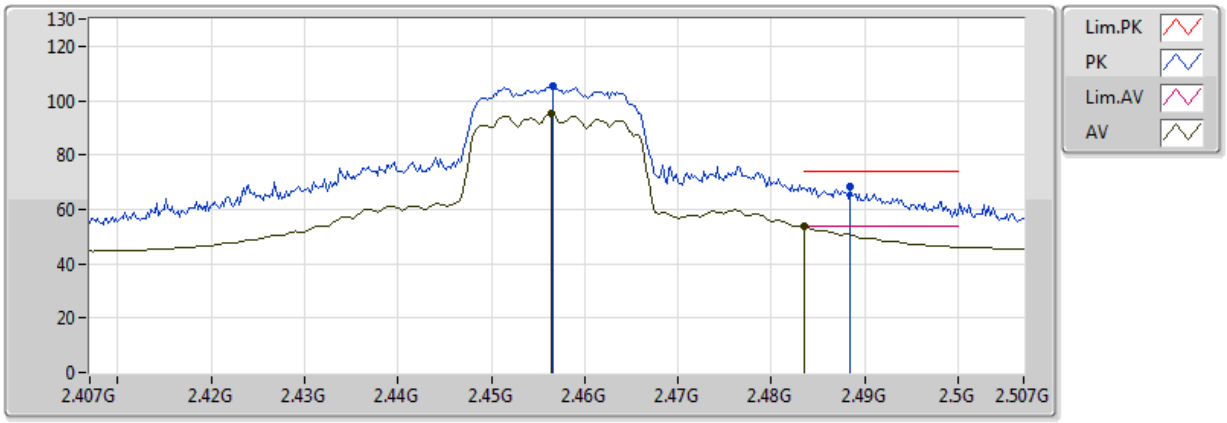


20180214
EUT Y_2TX
Setting 62
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4528G	96.82	Inf	-Inf	32.32	3	Horizontal	44	1.01
AV	2.4844G	52.50	54.00	-1.50	32.42	3	Horizontal	44	1.01
PK	2.4526G	107.18	Inf	-Inf	32.32	3	Horizontal	44	1.01
PK	2.4876G	67.11	74.00	-6.89	32.43	3	Horizontal	44	1.01

802.11n HT20_Nss1,(MCS0)_2TX

2457MHz_TX

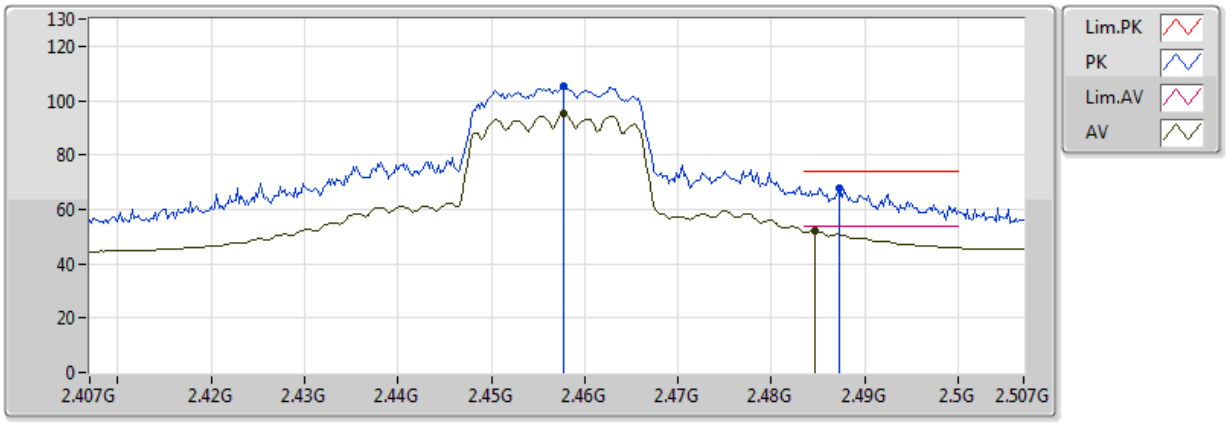


20180214
EUT Y_2TX
Setting 54
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4564G	95.11	Inf	-Inf	32.33	3	Vertical	0	1.50
AV	2.483502G	53.73	54.00	-0.27	32.42	3	Vertical	0	1.50
PK	2.4566G	105.22	Inf	-Inf	32.33	3	Vertical	0	1.50
PK	2.4884G	68.09	74.00	-5.91	32.44	3	Vertical	0	1.50

802.11n HT20_Nss1,(MCS0)_2TX

2457MHz_TX

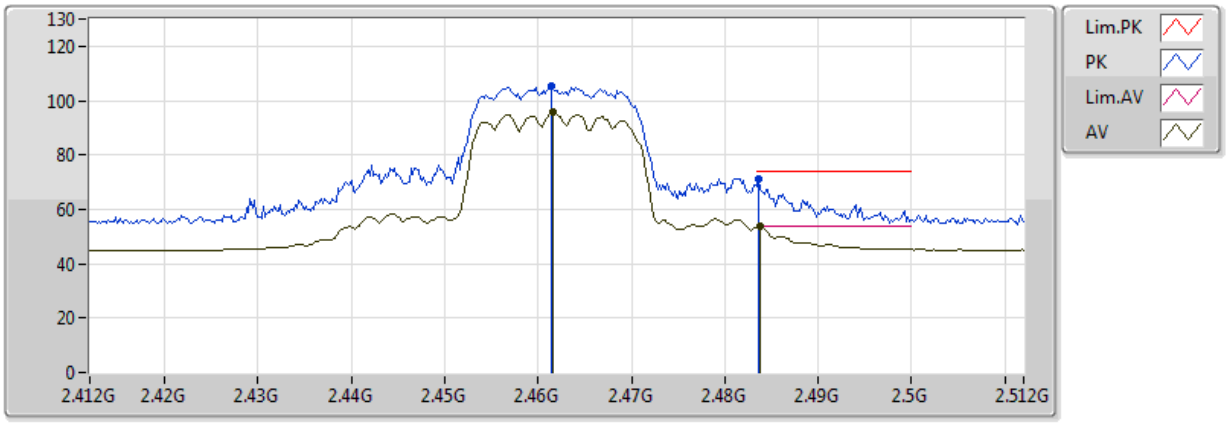


20180214
EUT Y_2TX
Setting 54
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4578G	95.04	Inf	-Inf	32.34	3	Horizontal	45	1.06
AV	2.4846G	52.09	54.00	-1.91	32.42	3	Horizontal	45	1.06
PK	2.4578G	105.07	Inf	-Inf	32.34	3	Horizontal	45	1.06
PK	2.4872G	67.91	74.00	-6.09	32.43	3	Horizontal	45	1.06

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

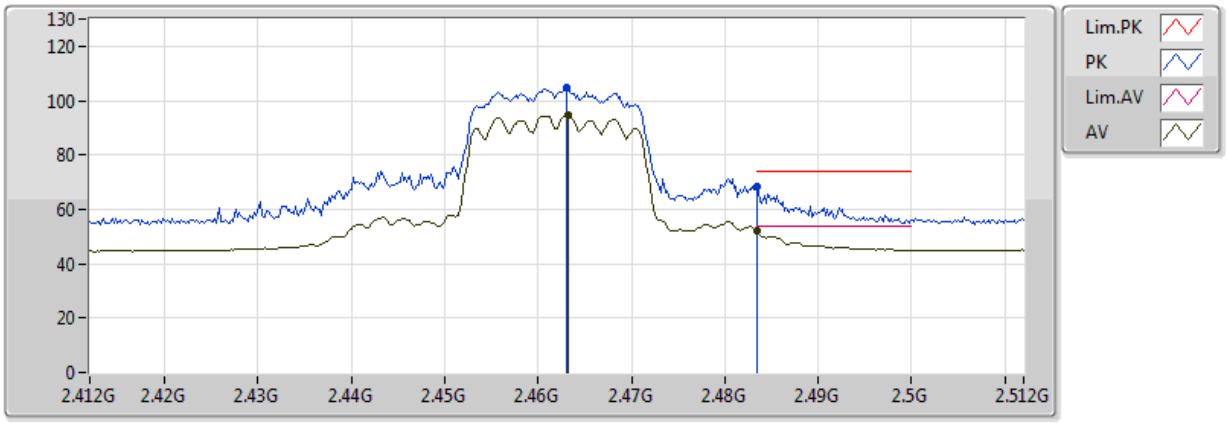


20171011
EUT Y_2TX
Setting 43
03-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4616G	95.74	Inf	-Inf	32.47	3	Vertical	359	1.03
AV	2.4838G	53.71	54.00	-0.29	32.53	3	Vertical	359	1.03
PK	2.4614G	105.37	Inf	-Inf	32.47	3	Vertical	359	1.03
PK	2.4836G	70.99	74.00	-3.01	32.53	3	Vertical	359	1.03

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

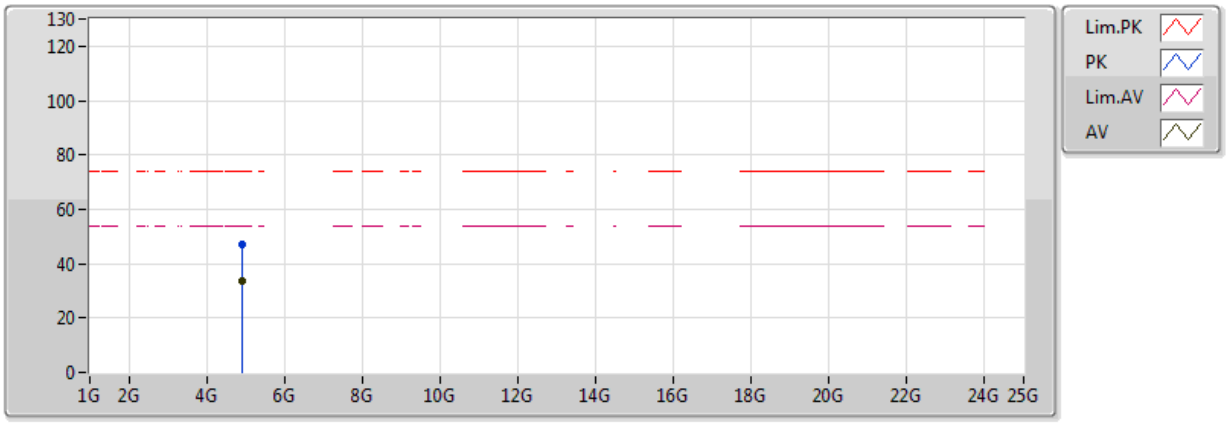


20171011
EUT Y_2TX
Setting 43
03-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4632G	94.70	Inf	-Inf	32.47	3	Horizontal	45	1.00
AV	2.483502G	51.94	54.00	-2.06	32.53	3	Horizontal	45	1.00
PK	2.463G	104.72	Inf	-Inf	32.47	3	Horizontal	45	1.00
PK	2.483502G	68.41	74.00	-5.59	32.53	3	Horizontal	45	1.00

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

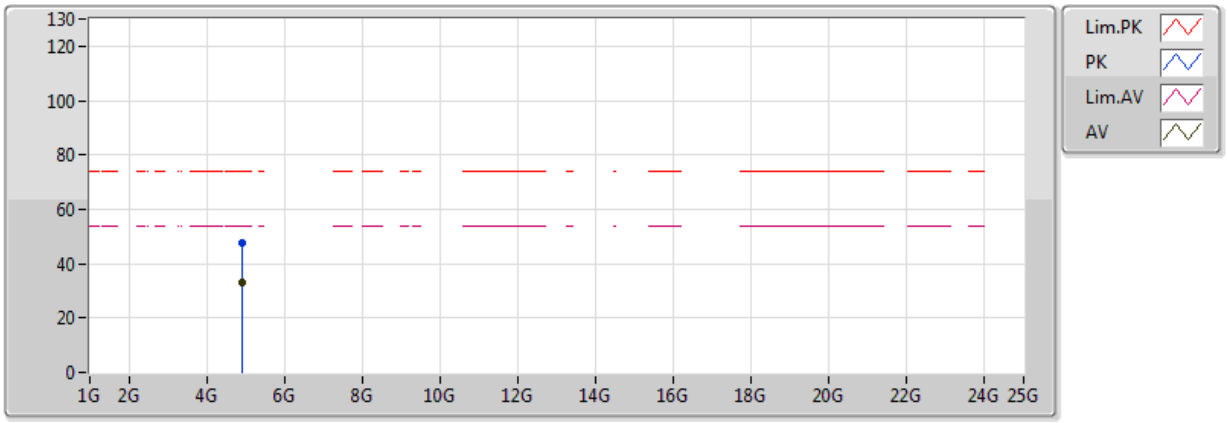


20171011
EUT Y_2TX
Setting 43
03-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.9228G	33.40	54.00	-20.60	5.44	3	Vertical	147	2.01
PK	4.92489G	47.18	74.00	-26.82	5.45	3	Vertical	147	2.01

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

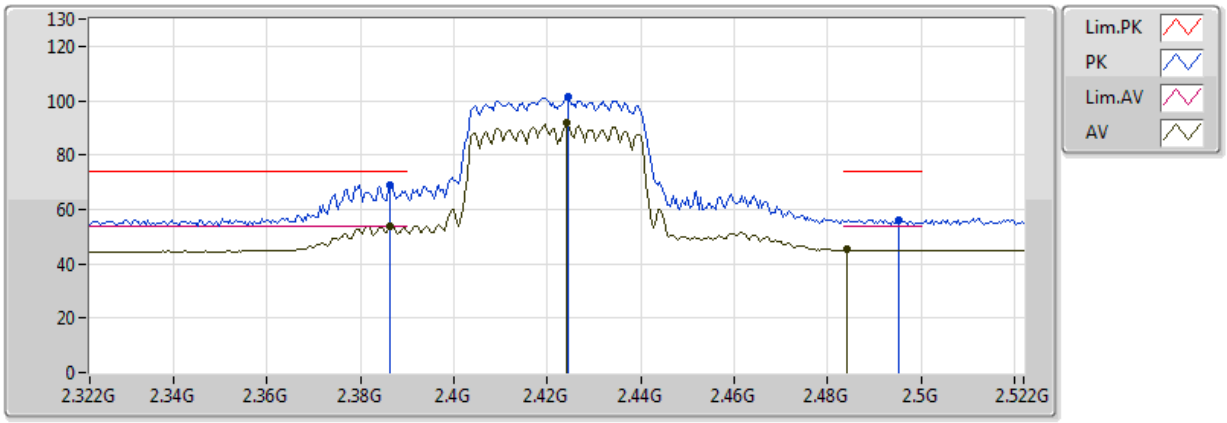


20171011
EUT Y_2TX
Setting 43
03-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.92244G	33.33	54.00	-20.67	5.44	3	Horizontal	325	1.69
PK	4.9216G	47.55	74.00	-26.45	5.44	3	Horizontal	325	1.69

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

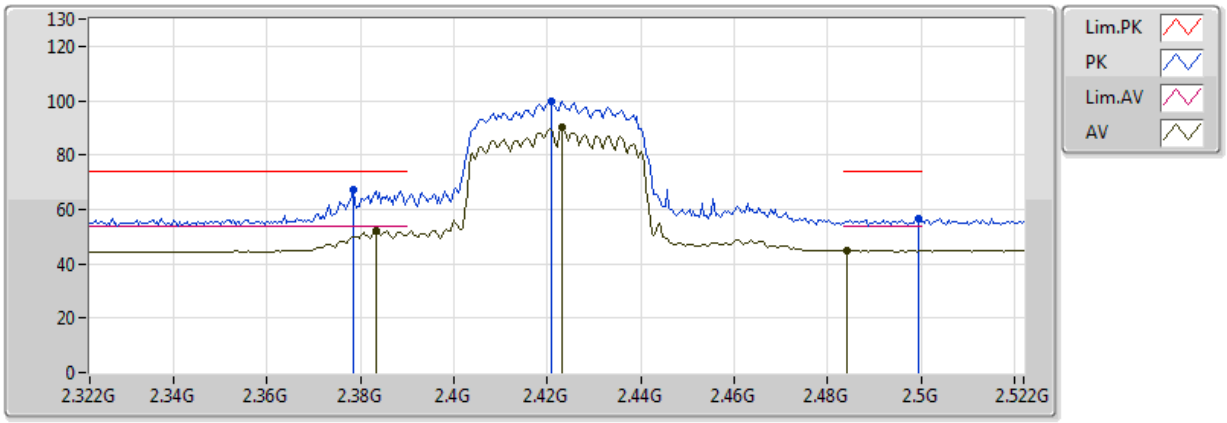


20171011
EUT Y_2TX
Setting 39
03-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3864G	53.89	54.00	-0.11	32.28	3	Vertical	9	1.07
AV	2.424G	91.62	Inf	-Inf	32.37	3	Vertical	9	1.07
AV	2.484G	45.11	54.00	-8.89	32.53	3	Vertical	9	1.07
PK	2.3864G	68.90	74.00	-5.10	32.28	3	Vertical	9	1.07
PK	2.4244G	101.39	Inf	-Inf	32.37	3	Vertical	9	1.07
PK	2.4952G	56.22	74.00	-17.78	32.56	3	Vertical	9	1.07

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

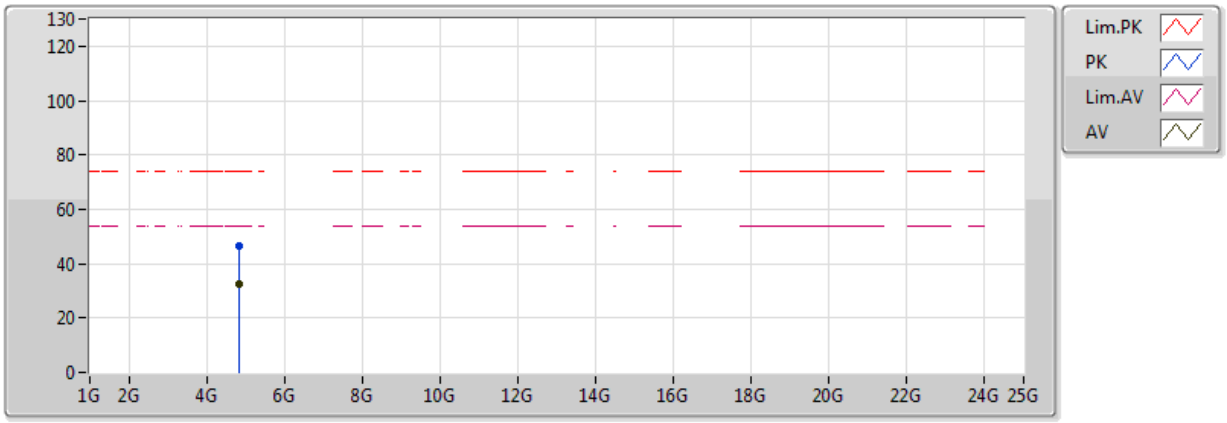


20171011
EUT Y_2TX
Setting 39
03-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3832G	52.10	54.00	-1.90	32.27	3	Horizontal	58	1.47
AV	2.4232G	90.10	Inf	-Inf	32.37	3	Horizontal	58	1.47
AV	2.484G	44.97	54.00	-9.03	32.53	3	Horizontal	58	1.47
PK	2.3784G	67.51	74.00	-6.49	32.26	3	Horizontal	58	1.47
PK	2.4208G	99.94	Inf	-Inf	32.36	3	Horizontal	58	1.47
PK	2.4996G	56.51	74.00	-17.49	32.57	3	Horizontal	58	1.47

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

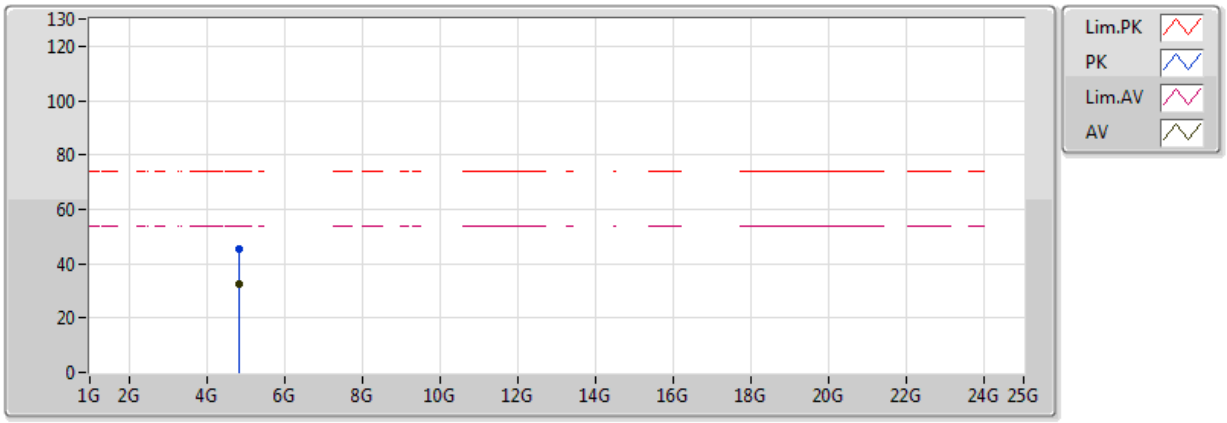


20171011
EUT Y_2TX
Setting 39
03-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.84576G	32.40	54.00	-21.60	5.10	3	Vertical	300	1.78
PK	4.84321G	46.46	74.00	-27.54	5.09	3	Vertical	300	1.78

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

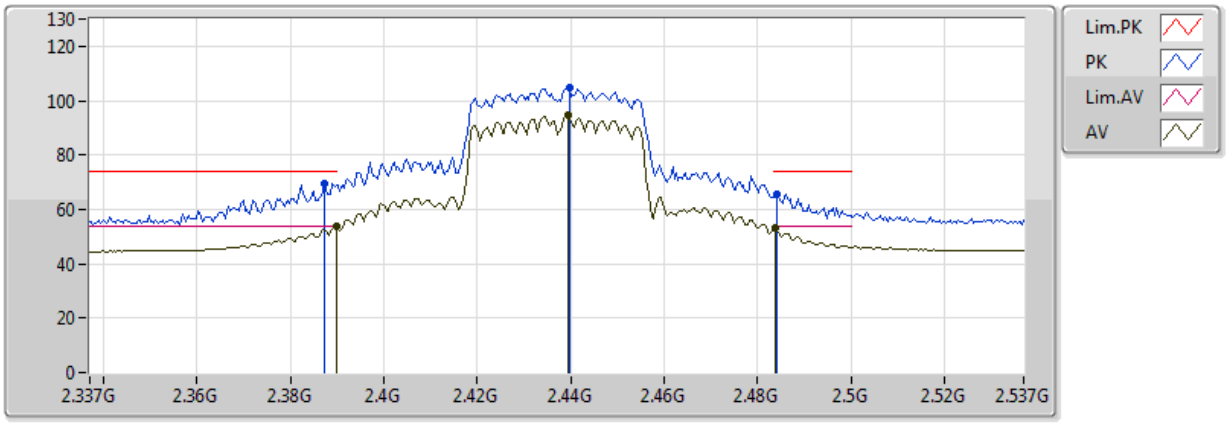


20171011
EUT Y_2TX
Setting 39
03-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.84519G	32.51	54.00	-21.49	5.10	3	Horizontal	62	1.96
PK	4.84218G	45.58	74.00	-28.42	5.09	3	Horizontal	62	1.96

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

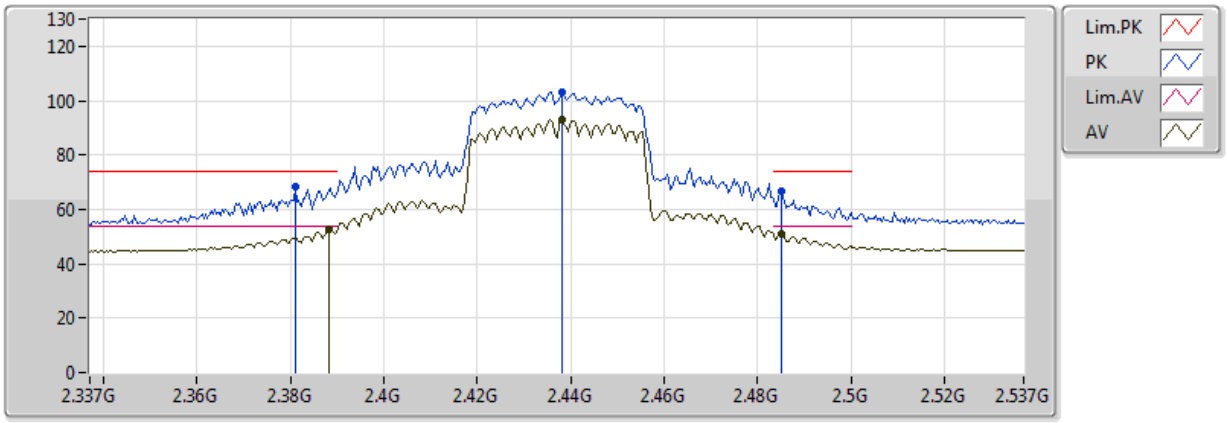


20171011
EUT Y_2TX
Setting 50
03-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3898G	53.90	54.00	-0.10	32.28	3	Vertical	359	1.31
AV	2.4394G	94.81	Inf	-Inf	32.41	3	Vertical	359	1.31
AV	2.4838G	52.96	54.00	-1.04	32.53	3	Vertical	359	1.31
PK	2.3874G	69.73	74.00	-4.27	32.28	3	Vertical	359	1.31
PK	2.4398G	104.52	Inf	-Inf	32.41	3	Vertical	359	1.31
PK	2.4842G	65.83	74.00	-8.17	32.53	3	Vertical	359	1.31

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

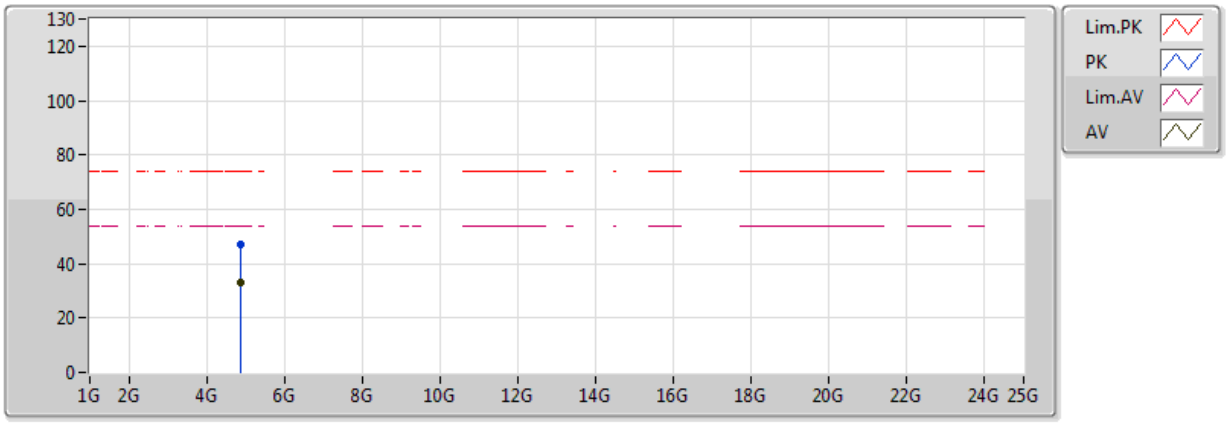


20171011
EUT Y_2TX
Setting 50
03-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3882G	52.81	54.00	-1.19	32.28	3	Horizontal	41	1.04
AV	2.4382G	92.92	Inf	-Inf	32.41	3	Horizontal	41	1.04
AV	2.485G	51.03	54.00	-2.97	32.53	3	Horizontal	41	1.04
PK	2.381G	68.15	74.00	-5.85	32.26	3	Horizontal	41	1.04
PK	2.4382G	103.09	Inf	-Inf	32.41	3	Horizontal	41	1.04
PK	2.485G	66.85	74.00	-7.15	32.53	3	Horizontal	41	1.04

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

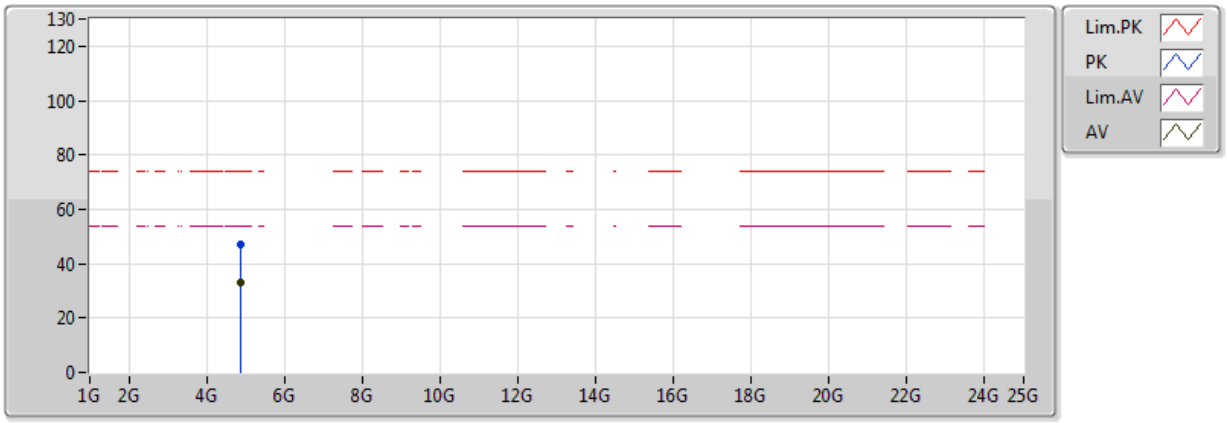


20171011
EUT Y_2TX
Setting 50
03-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.87334G	33.20	54.00	-20.80	5.22	3	Vertical	240	1.79
PK	4.8724G	46.80	74.00	-27.20	5.22	3	Vertical	240	1.79

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

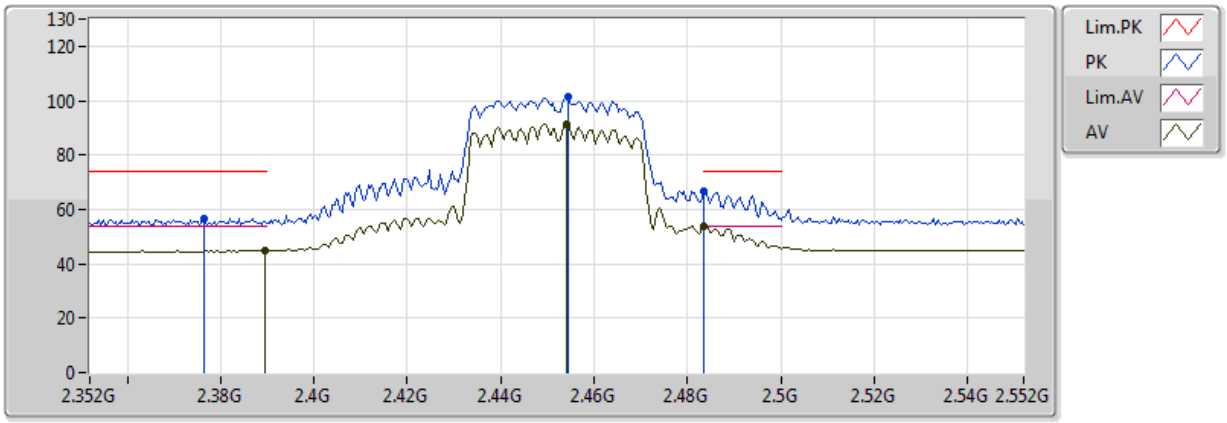


20171011
EUT Y_2TX
Setting 50
03-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.87581G	33.22	54.00	-20.78	5.23	3	Horizontal	207	1.05
PK	4.87273G	46.98	74.00	-27.02	5.22	3	Horizontal	207	1.05

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

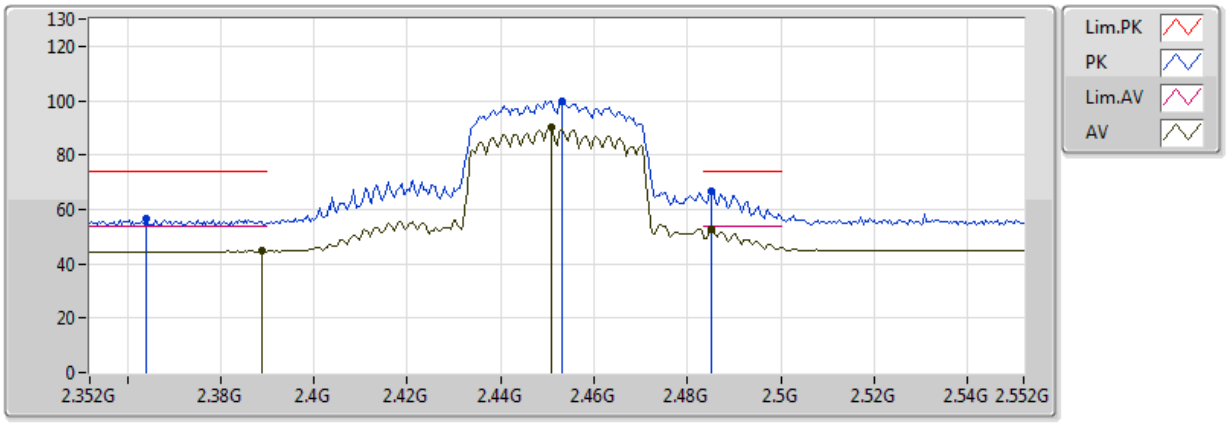


20171011
EUT Y_2TX
Setting 37
03-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3896G	44.86	54.00	-9.14	32.28	3	Vertical	358	1.03
AV	2.454G	91.61	Inf	-Inf	32.45	3	Vertical	358	1.03
AV	2.4836G	53.77	54.00	-0.23	32.53	3	Vertical	358	1.03
PK	2.3764G	56.84	74.00	-17.16	32.25	3	Vertical	358	1.03
PK	2.4544G	101.49	Inf	-Inf	32.45	3	Vertical	358	1.03
PK	2.4836G	66.73	74.00	-7.27	32.53	3	Vertical	358	1.03

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

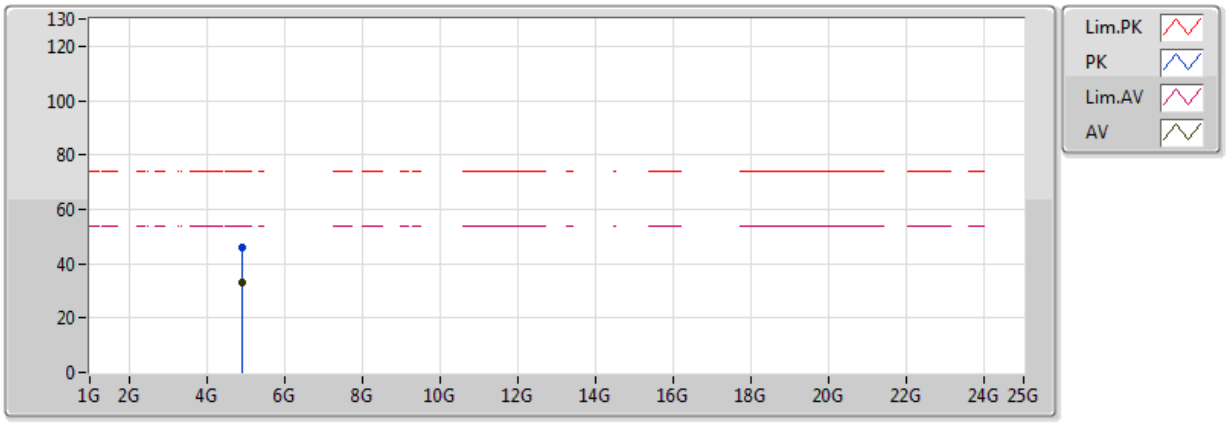


20171011
EUT Y_2TX
Setting 37
03-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3888G	44.72	54.00	-9.28	32.28	3	Horizontal	46	1.24
AV	2.4508G	90.10	Inf	-Inf	32.44	3	Horizontal	46	1.24
AV	2.4852G	52.41	54.00	-1.59	32.53	3	Horizontal	46	1.24
PK	2.364G	56.34	74.00	-17.66	32.22	3	Horizontal	46	1.24
PK	2.4532G	99.66	Inf	-Inf	32.45	3	Horizontal	46	1.24
PK	2.4852G	66.80	74.00	-7.20	32.53	3	Horizontal	46	1.24

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

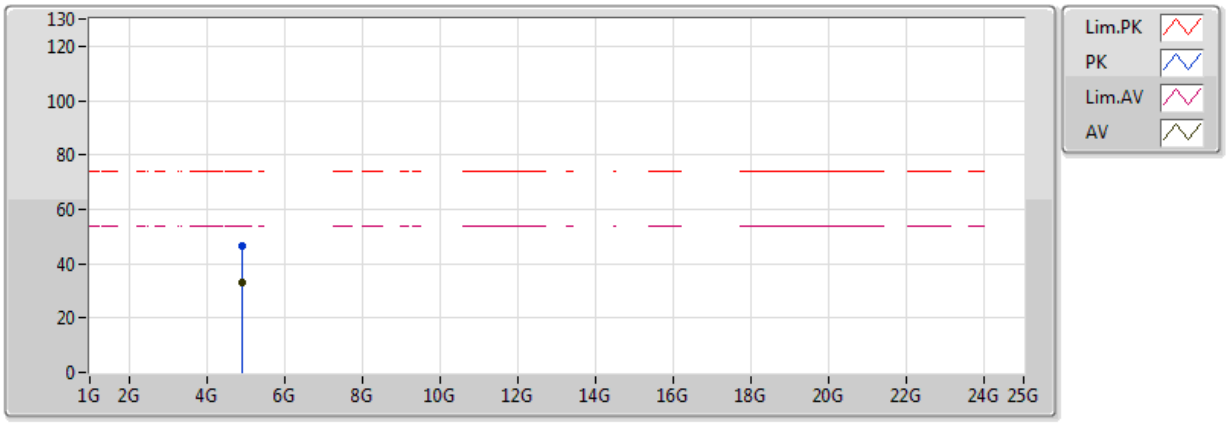


20171011
EUT Y_2TX
Setting 37
03-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.90206G	32.97	54.00	-21.03	5.35	3	Vertical	169	2.04
PK	4.90344G	46.22	74.00	-27.78	5.36	3	Vertical	169	2.04

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

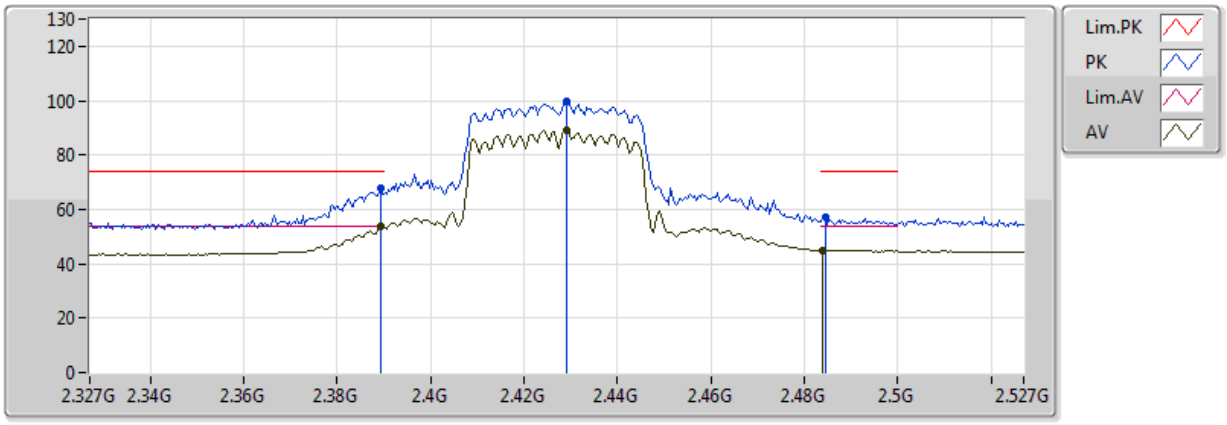


20171011
EUT Y_2TX
Setting 37
03-W-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.9021G	33.09	54.00	-20.91	5.35	3	Horizontal	287	1.57
PK	4.90508G	46.31	74.00	-27.69	5.36	3	Horizontal	287	1.57

802.11n HT40_Nss1,(MCS0)_2TX

2427MHz_TX

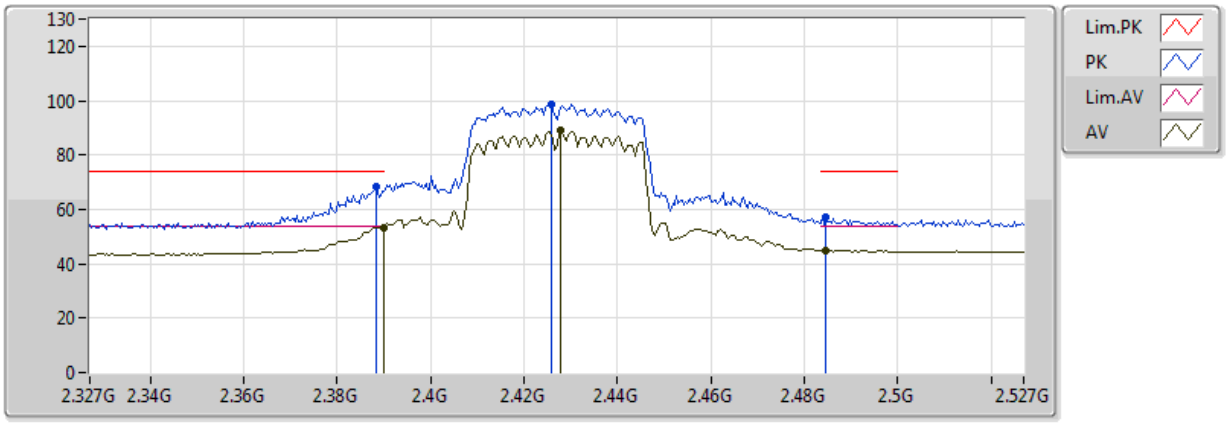


20180214
EUT Y_2TX
Setting 34
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3894G	53.67	54.00	-0.33	32.12	3	Vertical	353	1.12
AV	2.429G	89.37	Inf	-Inf	32.24	3	Vertical	353	1.12
AV	2.4838G	45.07	54.00	-8.93	32.42	3	Vertical	353	1.12
PK	2.3894G	68.06	74.00	-5.94	32.12	3	Vertical	353	1.12
PK	2.429G	99.75	Inf	-Inf	32.24	3	Vertical	353	1.12
PK	2.4846G	57.19	74.00	-16.81	32.42	3	Vertical	353	1.12

802.11n HT40_Nss1,(MCS0)_2TX

2427MHz_TX

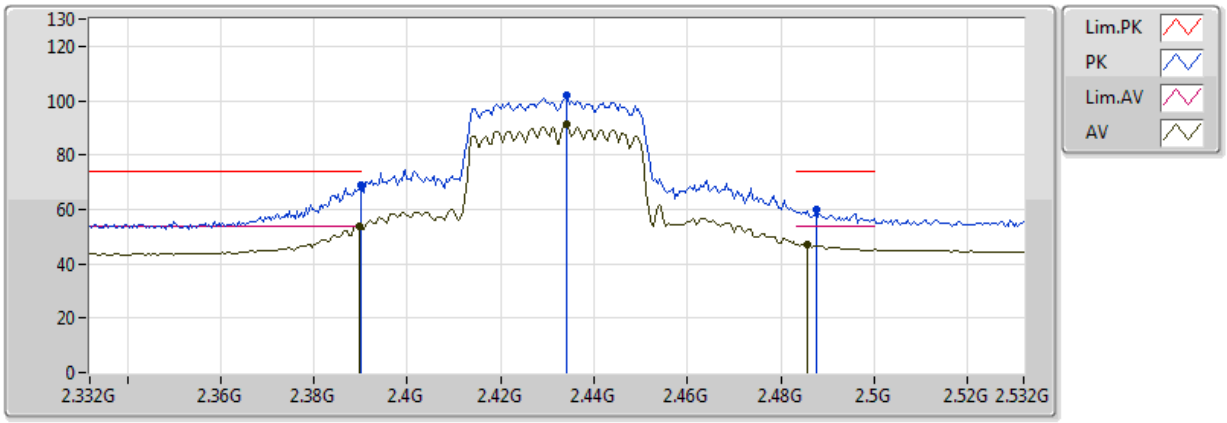


20180214
EUT Y_2TX
Setting 34
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	53.46	54.00	-0.54	32.12	3	Horizontal	45	1.12
AV	2.4278G	89.10	Inf	-Inf	32.24	3	Horizontal	45	1.12
AV	2.4846G	45.04	54.00	-8.96	32.42	3	Horizontal	45	1.12
PK	2.3882G	68.56	74.00	-5.44	32.11	3	Horizontal	45	1.12
PK	2.4258G	98.51	Inf	-Inf	32.23	3	Horizontal	45	1.12
PK	2.4846G	57.27	74.00	-16.73	32.42	3	Horizontal	45	1.12

802.11n HT40_Nss1,(MCS0)_2TX

2432MHz_TX

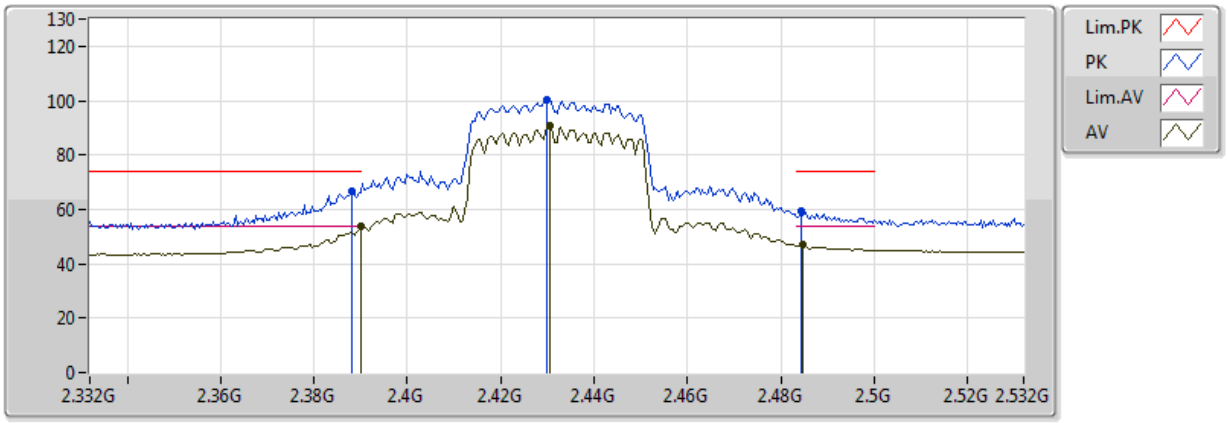


20180214
EUT Y_2TX
Setting 41
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3896G	53.99	54.00	-0.01	32.12	3	Vertical	354	1.30
AV	2.434G	91.19	Inf	-Inf	32.26	3	Vertical	354	1.30
AV	2.4856G	47.23	54.00	-6.77	32.43	3	Vertical	354	1.30
PK	2.39G	68.93	74.00	-5.07	32.12	3	Vertical	354	1.30
PK	2.434G	102.00	Inf	-Inf	32.26	3	Vertical	354	1.30
PK	2.4876G	59.95	74.00	-14.05	32.43	3	Vertical	354	1.30

802.11n HT40_Nss1,(MCS0)_2TX

2432MHz_TX

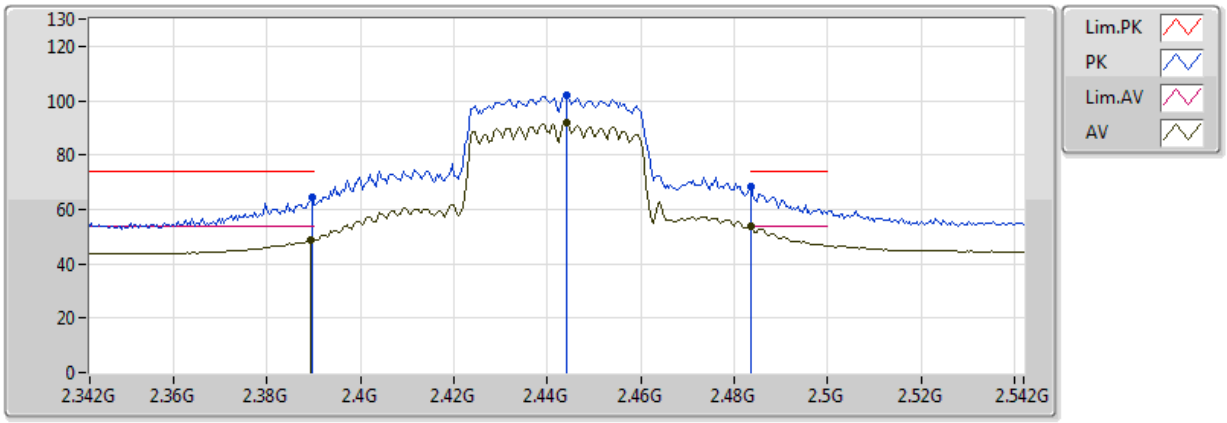


20180214
EUT Y_2TX
Setting 41
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.63	54.00	-0.37	32.12	3	Horizontal	49	1.14
AV	2.4304G	90.72	Inf	-Inf	32.25	3	Horizontal	49	1.14
AV	2.4848G	47.13	54.00	-6.87	32.43	3	Horizontal	49	1.14
PK	2.388G	66.43	74.00	-7.57	32.11	3	Horizontal	49	1.14
PK	2.43G	100.36	Inf	-Inf	32.25	3	Horizontal	49	1.14
PK	2.4844G	59.54	74.00	-14.46	32.42	3	Horizontal	49	1.14

802.11n HT40_Nss1,(MCS0)_2TX

2442MHz_TX

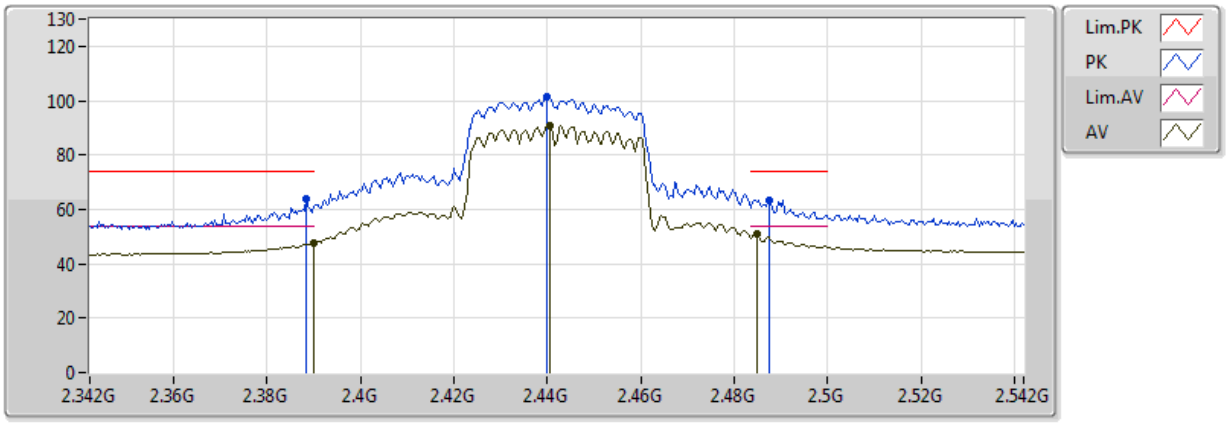


20180214
EUT Y_2TX
Setting 44
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3892G	48.84	54.00	-5.16	32.12	3	Vertical	352	1.27
AV	2.444G	92.01	Inf	-Inf	32.29	3	Vertical	352	1.27
AV	2.4836G	53.89	54.00	-0.11	32.42	3	Vertical	352	1.27
PK	2.3896G	64.25	74.00	-9.75	32.12	3	Vertical	352	1.27
PK	2.444G	102.14	Inf	-Inf	32.29	3	Vertical	352	1.27
PK	2.4836G	68.38	74.00	-5.62	32.42	3	Vertical	352	1.27

802.11n HT40_Nss1,(MCS0)_2TX

2442MHz_TX

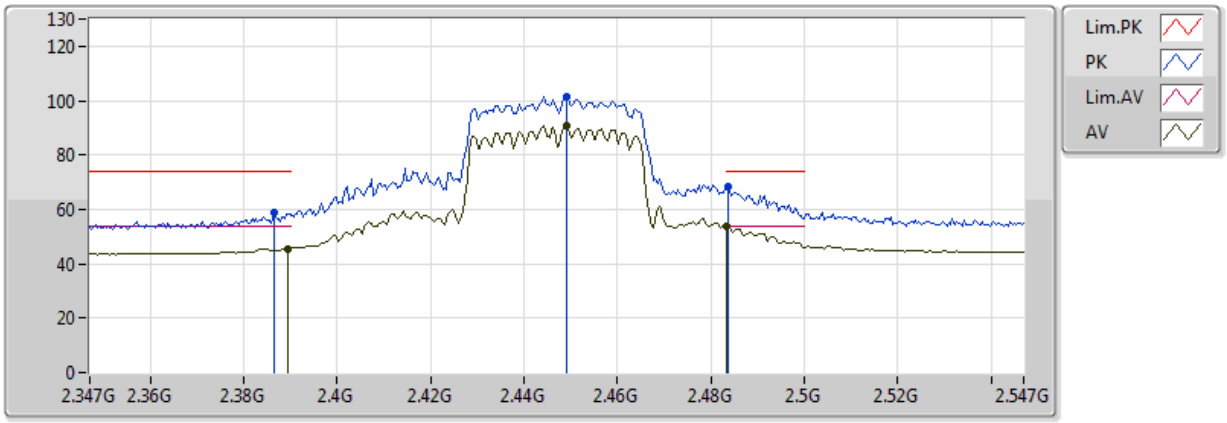


20180214
EUT Y_2TX
Setting 44
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	47.58	54.00	-6.42	32.12	3	Horizontal	40	2.50
AV	2.4404G	90.90	Inf	-Inf	32.28	3	Horizontal	40	2.50
AV	2.4848G	50.86	54.00	-3.14	32.43	3	Horizontal	40	2.50
PK	2.3884G	63.83	74.00	-10.17	32.11	3	Horizontal	40	2.50
PK	2.44G	101.66	Inf	-Inf	32.28	3	Horizontal	40	2.50
PK	2.4876G	63.41	74.00	-10.59	32.43	3	Horizontal	40	2.50

802.11n HT40_Nss1,(MCS0)_2TX

2447MHz_TX

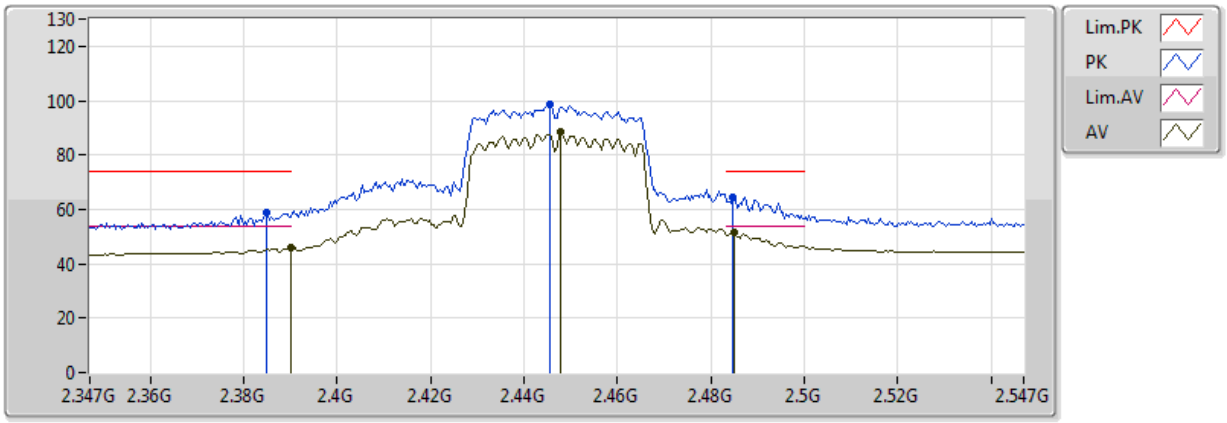


20180214
EUT Y_2TX
Setting 39
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3894G	45.57	54.00	-8.43	32.12	3	Vertical	355	1.03
AV	2.449G	90.84	Inf	-Inf	32.31	3	Vertical	355	1.03
AV	2.483502G	53.80	54.00	-0.20	32.42	3	Vertical	355	1.03
PK	2.3866G	58.63	74.00	-15.37	32.11	3	Vertical	355	1.03
PK	2.449G	101.50	Inf	-Inf	32.31	3	Vertical	355	1.03
PK	2.4838G	68.54	74.00	-5.46	32.42	3	Vertical	355	1.03

802.11n HT40_Nss1,(MCS0)_2TX

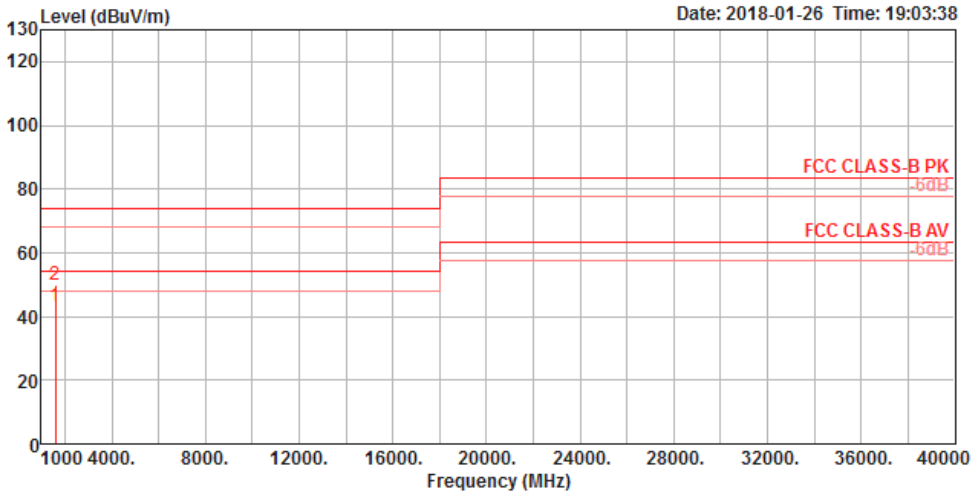
2447MHz_TX



20180214
EUT Y_2TX
Setting 39
06-C-4
FSP

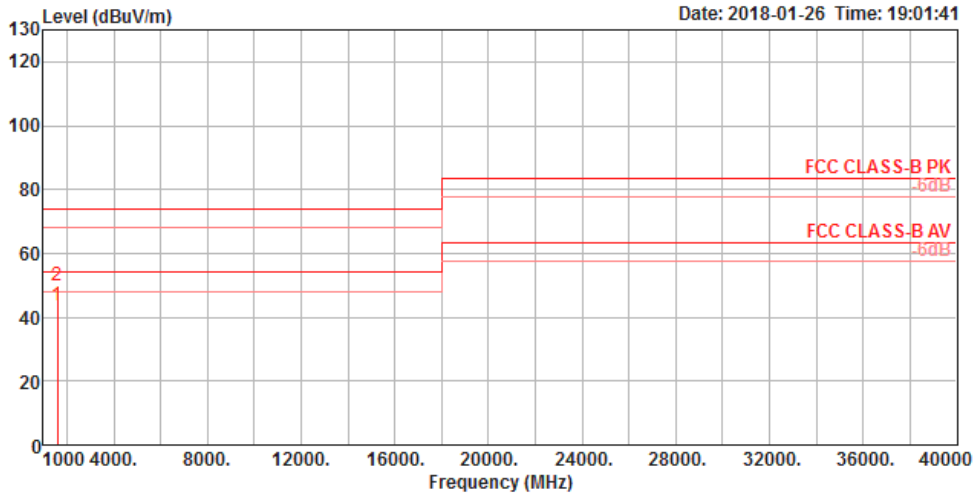
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	45.69	54.00	-8.31	32.12	3	Horizontal	55	2.25
AV	2.4478G	88.26	Inf	-Inf	32.31	3	Horizontal	55	2.25
AV	2.485G	51.67	54.00	-2.33	32.43	3	Horizontal	55	2.25
PK	2.385G	59.10	74.00	-14.90	32.10	3	Horizontal	55	2.25
PK	2.4454G	98.39	Inf	-Inf	32.30	3	Horizontal	55	2.25
PK	2.4846G	64.70	74.00	-9.30	32.42	3	Horizontal	55	2.25

RSE Co-location Result			
Operating Mode	1	**Polarization**	Horizontal
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1600.03	43.16	54.00	-10.84	46.30	6.24	25.54	34.92	143	78	Average	HORIZONTAL
2	1600.62	49.87	74.00	-24.13	53.00	6.24	25.54	34.91	143	78	Peak	HORIZONTAL

RSE Co-location Result			
Operating Mode	1	**Polarization**	Vertical
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1600.01	43.49	54.00	-10.51	46.63	6.24	25.54	34.92	124	255	Average	VERTICAL
2	1600.78	49.82	74.00	-24.18	52.95	6.24	25.54	34.91	124	255	Peak	VERTICAL