FCC RADIO TEST REPORT

FCC ID	:	TE7RE220
Equipment	:	AC750 Wi-Fi Range Extender
Brand Name	:	tp-link
Model Name	:	RE200, RE220
Applicant	:	TP-Link Technologies Co., Ltd. Building 24 (floors 1,3,4,5) and 28 (floors1-4), Central Science and Technology Park,Nanshan Shenzhen, 518057 China
Manufacturer	:	TP-Link Technologies Co., Ltd. Building 24 (floors 1,3,4,5) and 28 (floors1-4), Central Science and Technology Park,Nanshan Shenzhen, 518057 China
Standard	:	47 CFR FCC Part 15.247

The product was received on Oct. 15, 2018, and testing was started from Oct. 22, 2018 and completed on Dec. 18, 2018. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, 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 report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

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

Approved by: Sam Chen

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issued Date
FR8O1215AA	01	Initial issue of report	Dec. 26, 2018

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.247(a)	DTS Bandwidth	PASS	-
3.3	15.247(b)	Maximum Conducted Output Power	PASS	-
3.4	15.247(e)	Power Spectral Density	PASS	-
3.5	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	-
3.6	15.247(d)	Emissions in Restricted Frequency Bands	PASS	-

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The EUT supports AP mode and Extender mode. For customer's request, only Extender mode was selected and recorded in this report.

Reviewed by: Sam Chen
Report Producer: Cindy Peng

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	2TX
2.4-2.4835GHz	802.11g	20	2TX
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.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Remark
1	1	TP-LINK	-	Printed Antenna	N/A	1.95	WLAN 2.4GHz
2	2	TP-LINK	-	Printed Antenna	N/A	1.96	WLAN 2.4GHz
3	1	TP-LINK	-	Printed Antenna	I-PEX	2.98	WLAN 5GHz

Note: The EUT has three antennas.

Ant. 1 and Ant. 2 supports 2.4GHz WLAN function, and Ant. 3 supports 5GHz WLAN function.

For WLAN 2.4GHz function (2TX/2RX):

Port 1 and Port 2 could transmit/receive simultaneously.

For WLAN 5GHz function (1TX/1RX):

Only Port 1 could transmit/receive.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.987	0.057	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.936	0.287	1.399m	1k
802.11n HT20	0.922	0.353	1.299m	1k
802.11n HT40	0.865	0.63	636.875u	3k

Note:
- DC is Duty Cycle.
- DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

EUT Power Type	Internal power supply			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Function	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	MT7603 QA V0.0.0.70			

1.1.5 Table for Multiple Listing

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

Model Name	Description
RE200	There is nothing different of two models, just for different marketing use.
RE220	

From the above models, model: RE220 was selected as representative model for the test and its data was recorded in this report.

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 v05
- FCC KDB 662911 D01 v02r01

1.3 Testing Location Information

Testing Location			
☐	HWA YA	ADD :	No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)
		TEL :	886-3-327-3456 FAX : 886-3-327-0973
☒	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	Eason Chen	20°C / 60%	Oct. 25, 2018~Dec. 04, 2018
Radiated below 1GHz	03CH01-CB	Cola Fan	23°C / 55%	Oct. 22, 2018~Dec. 18, 2018
Radiated above 1GHz	03CH01-CB	Paul Chen	22°C / 54%	Oct. 22, 2018~Dec. 03, 2018
AC Conduction	CO02-CB	Rick Yeh	24°C / 52%	Oct. 25, 2018

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)_2TX	-
2412MHz	1E
2437MHz	1E
2462MHz	1B
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	18
2417MHz	1F
2422MHz	23
2437MHz	23
2452MHz	23
2457MHz	1E
2462MHz	19
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	16
2417MHz	1E
2422MHz	23
2437MHz	23
2452MHz	23
2457MHz	1E
2462MHz	15
802.11n HT40_Nss1,(MCS0)_2TX	-
2422MHz	12
2427MHz	14
2432MHz	17
2437MHz	19
2442MHz	17
2447MHz	13
2452MHz	10

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
1	Normal Link - Extender mode

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
1	Normal Link - EUT in Z axis - Extender mode
2	Normal Link - EUT in Y axis - Extender mode
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
1	CTX - EUT in Z axis
2	CTX - EUT in Y axis
For Radiated Emission: Mode 2 has been evaluated to be the worst case after evaluating. Consequently, measurement will follow this same test mode.	
For Band Edge: Mode 1 has been evaluated to be the worst case after evaluating. Consequently, measurement will follow this same test mode.	

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.: FA8O1215 for Co-location RF Exposure Evaluation.	

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

N/A

2.5 Support Equipment

For Test Site No: CO02-CB

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB	DELL	E6430	N/A
2	NB	DELL	E6430	N/A
3	NB	DELL	E6430	N/A
4	AP Router	ASUS	RP-N53	MSQ-RPN53

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

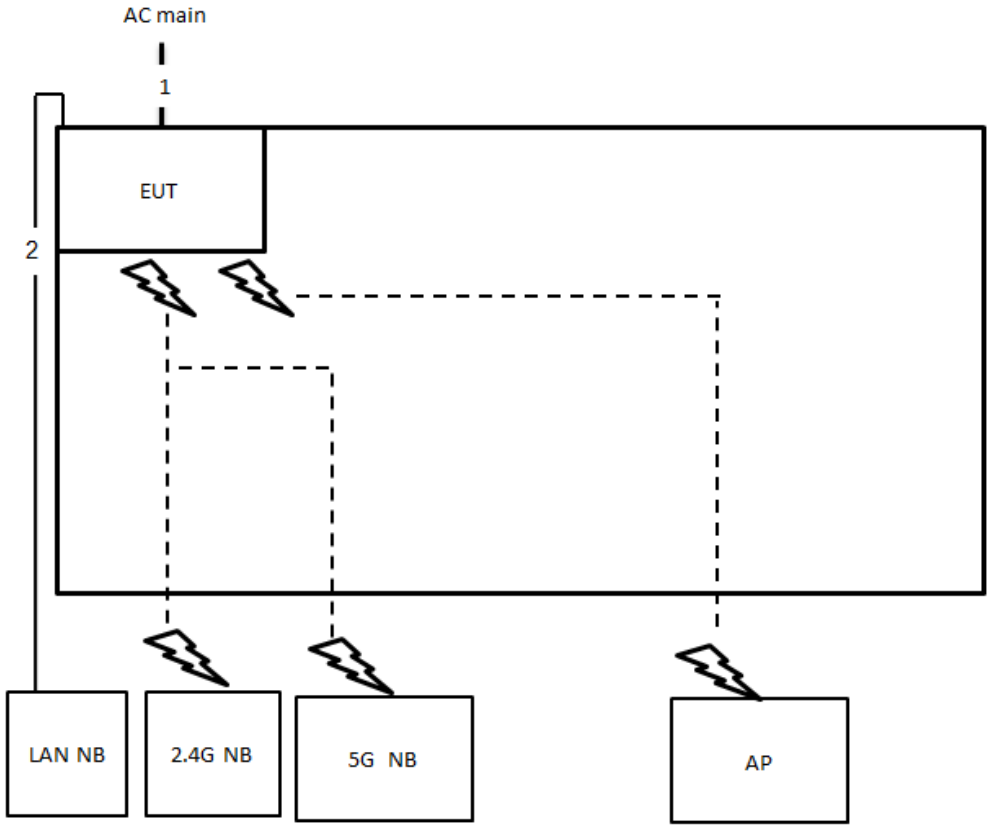
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB	DELL	E4300	N/A
2	NB	DELL	E4300	N/A
3	NB	DELL	E4300	N/A
4	WLAN AP	NETGEAR	WNDR3300v2	PY309300116

For Test Site No: 03CH01-CB (above 1GHz) and TH01-CB

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB	DELL	E4300	N/A

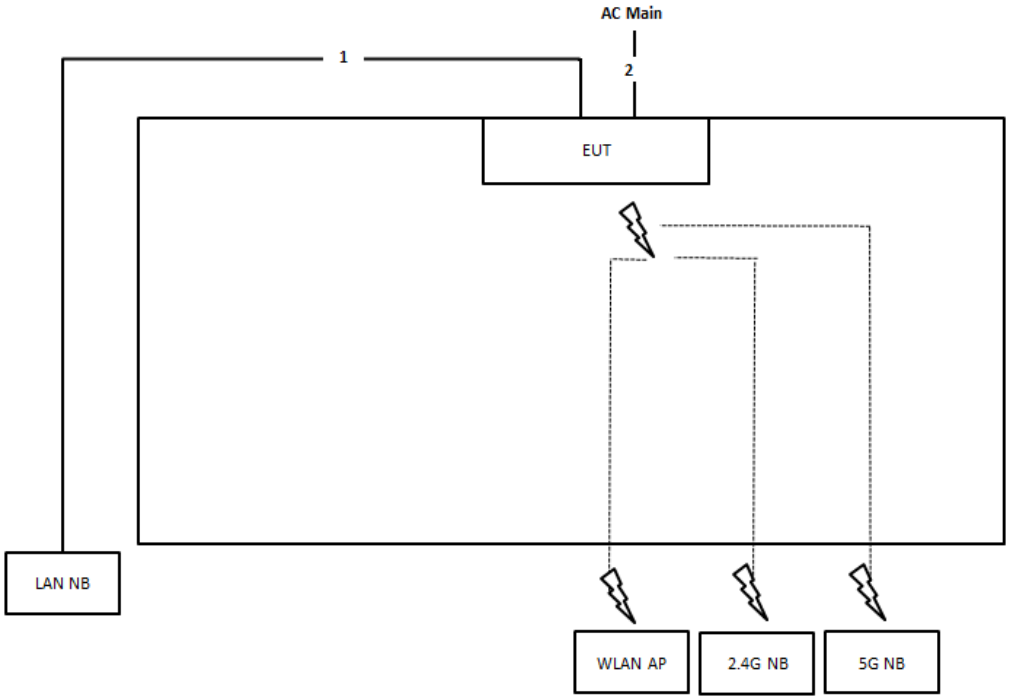
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



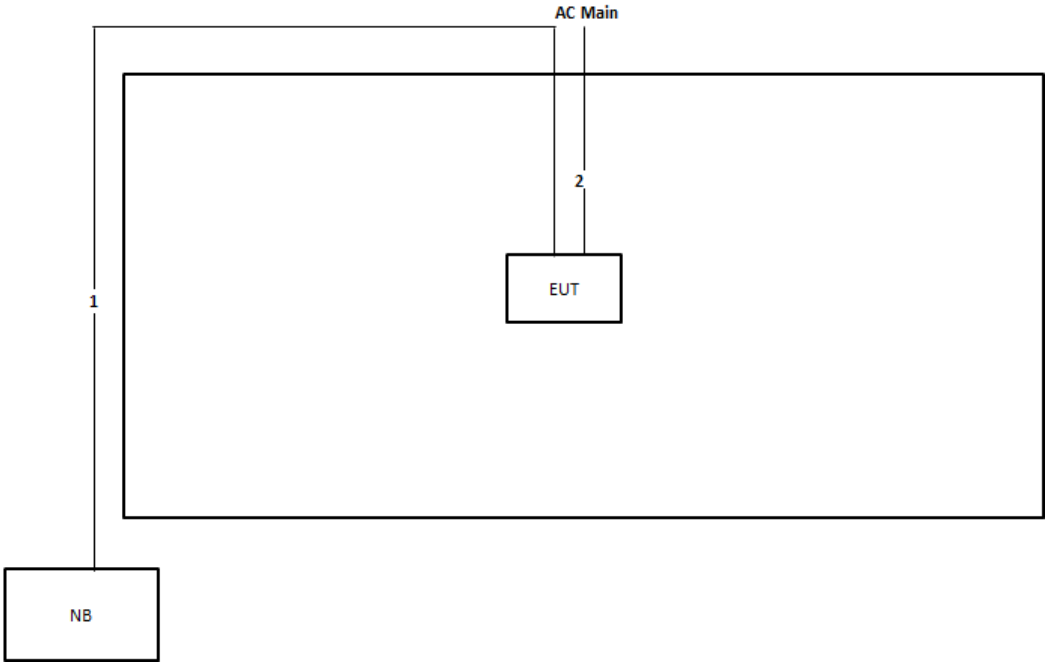
Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	1.8m

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	1.8m

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

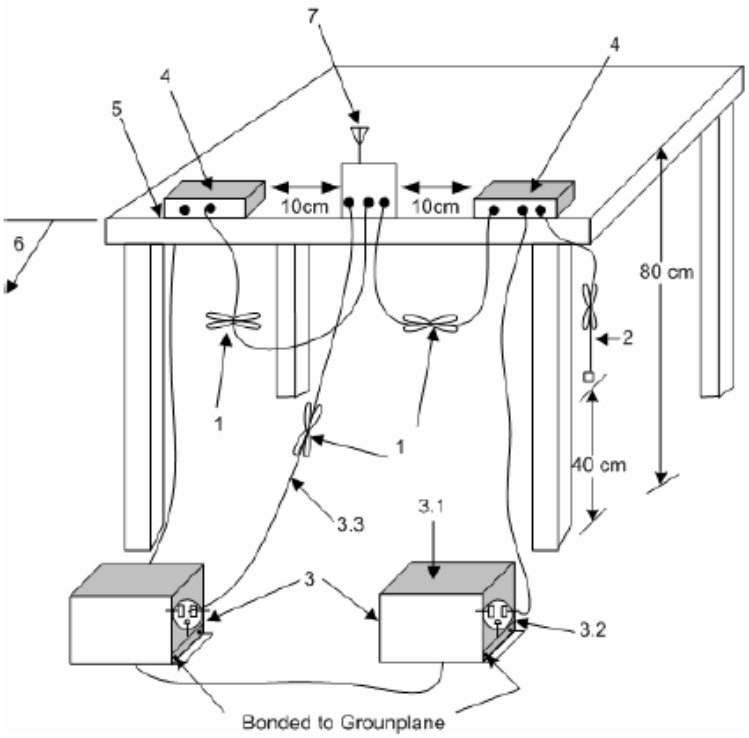
Refer a test equipment and calibration data table in this test report.

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.

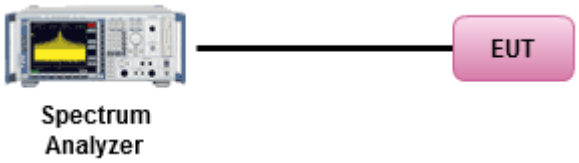
3.2.2 Measuring Instruments

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 8.2 & C63.10 clause 11.8.1 Option 1 for 6 dB bandwidth measurement.
	☐ Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.2 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 8.3.1.1 & C63.10 clause 11.9.1.1 (RBW ≥ EBW method).
	☐ Refer as FCC KDB 558074, clause 8.3.1.3 & C63.10 clause 11.9.1.3 (peak power meter).
▪ Maximum Conducted Output Power	
	[duty cycle ≥ 98% or external video / power trigger]
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.2 Method AVGSA-1.
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.3 Method AVGSA-1A. (alternative)
	duty cycle < 98% and average over on/off periods with duty factor
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.4 Method AVGSA-2.
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.5 Method AVGSA-2A (alternative)
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.6 Method AVGSA-3
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.7 Method AVGSA-3A (alternative)
	Measurement using a power meter (PM)
	☒ Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.1 Method AVGPM (using an RF average power meter).
	☐ Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.2 Method AVGPM-G (using an gate RF average power meter).
▪ 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: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

3.4.2 Measuring Instruments

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

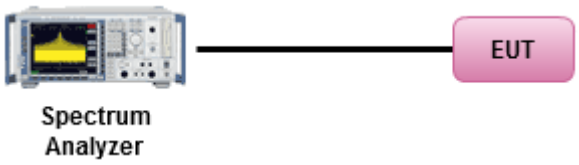
3.4.3 Test Procedures

Test Method	
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).	
	☒ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.2 Method PKPSD.
	[duty cycle ≥ 98% or external video / power trigger]
	☐ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.3 Method AVGPSD-1.
	☐ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.5 Method AVGPSD-2.
	☐ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.7 Method AVGPSD-3.
	duty cycle < 98% and average over on/off periods with duty factor
	☐ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.4 Method AVGPSD-1A. (alternative).
	☐ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.6 Method AVGPSD-2A. (alternative)
	☐ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.8 Method AVGPSD-3A. (alternative)
▪ 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.	

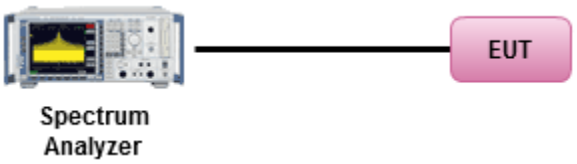
3.5.2 Measuring Instruments

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 8.5 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.

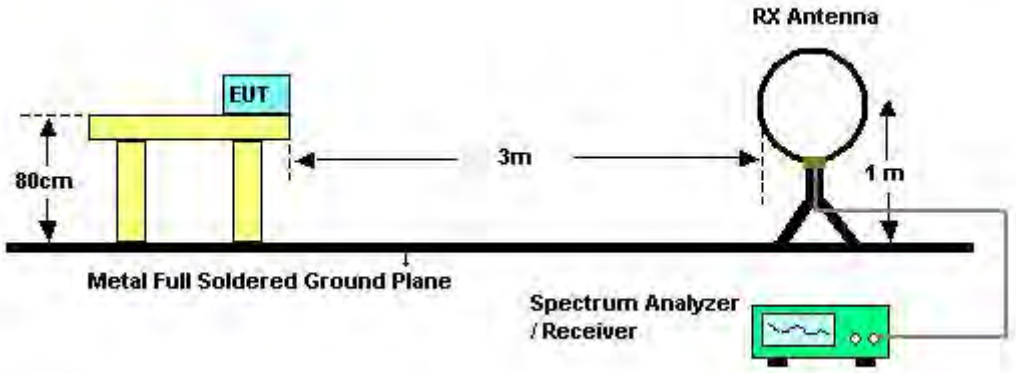
3.6.3 Test Procedures

Test Method			
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].			
▪ Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.			
▪ For the transmitter unwanted emissions shall be measured using following options below:			
	▪ Refer as FCC KDB 558074, clause 8.6 for unwanted emissions into restricted bands.		
		☐	Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.1(trace averaging for duty cycle ≥98%).
		☐	Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.2(trace averaging + duty factor).
		☒	Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.3(Reduced VBW≥1/T).
		☐	Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
		☐	Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
		☒	Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.4 measurement procedure peak limit.
▪ For the transmitter band-edge emissions shall be measured using following options below:			
	▪ Refer as FCC KDB 558074 clause 8.7 & C63.10 clause 11.13.1, 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 8.7 (ANSI C63.10, clause 6.10.6) for marker-delta method for band-edge measurements.		
	▪ Refer as FCC KDB 558074, clause 8.7 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).		
	▪ 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.		

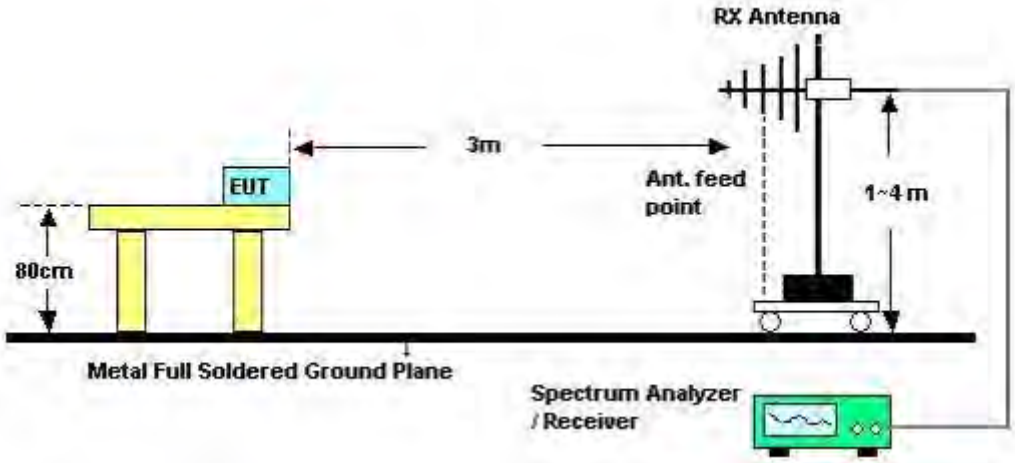
3.6.4 Test Setup

Radiated - Emissions in Restricted Frequency Bands

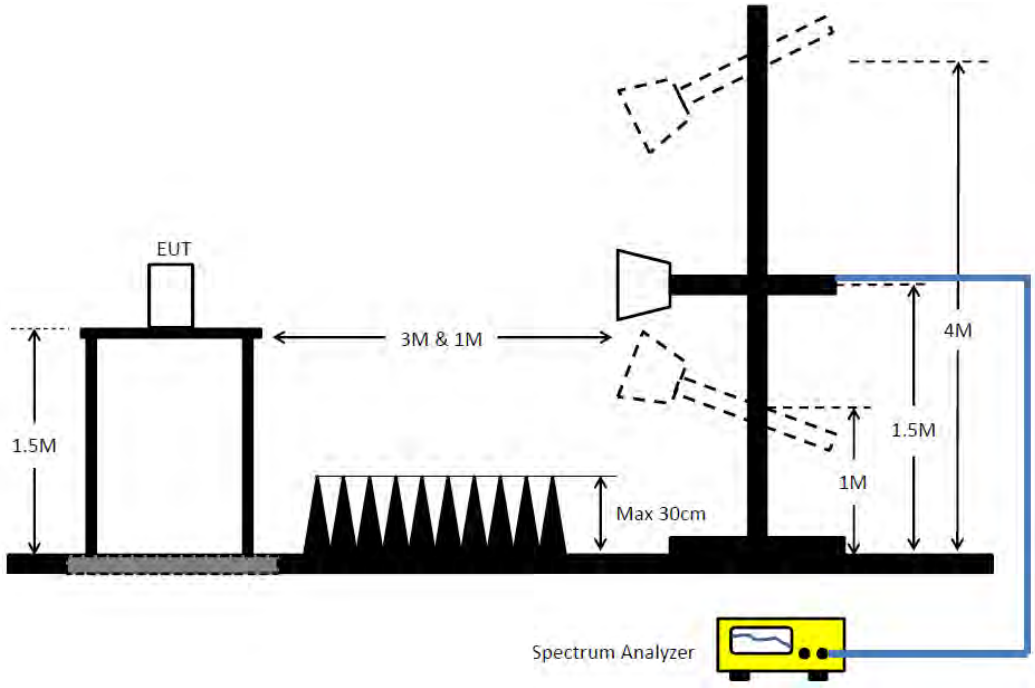
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.6.5 Emissions in Restricted Frequency Bands (Below 30MHz)

All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.
The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10 harmonic or 40 GHz, whichever is appropriate.

3.6.6 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

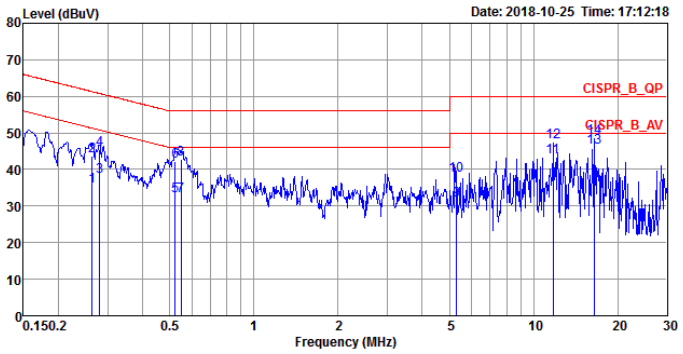
Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Nov. 24, 2017	Nov. 23, 2018	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Nov. 13, 2017	Nov. 12, 2018	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	Jan. 17, 2018	Jan. 16, 2019	Conduction (CO02-CB)
COND Cable	Woken	Cable	2	0.15MHz ~ 30MHz	Nov. 10, 2017	Nov. 09, 2018	Conduction (CO02-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	N.C.R.	Conduction (CO02-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 16, 2018	Mar. 15, 2019	Radiation (03CH01-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Aug. 27, 2018	Aug. 26, 2019	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 20, 2017	Nov. 19, 2018	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 13, 2018	Nov. 12, 2019	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jun. 28, 2018	Jun. 27, 2019	Radiation (03CH01-CB)
Pre-Amplifier	EMCI	EMC330N	980332	20MHz ~ 3GHz	May 02, 2018	May 01, 2019	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. 04, 2018	Jul. 03, 2019	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Oct. 03, 2018	Oct. 02, 2019	Radiation (03CH01-CB)
EMI Test Receiver	R&S	ESCS	100359	9kHz ~ 2.75GHz	Jul. 03, 2018	Jul. 02, 2019	Radiation (03CH01-CB)
RF Cable-low	Woken	Low Cable-16+17	N/A	30 MHz ~ 1 GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16+17	N/A	1 GHz ~ 18 GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Jul. 27, 2018	Jul. 26, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Jul. 27, 2018	Jul. 26, 2019	Radiation (03CH01-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. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 20, 2017	Nov. 19, 2018	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 05, 2018	Nov. 04, 2019	Conducted (TH01-CB)

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

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

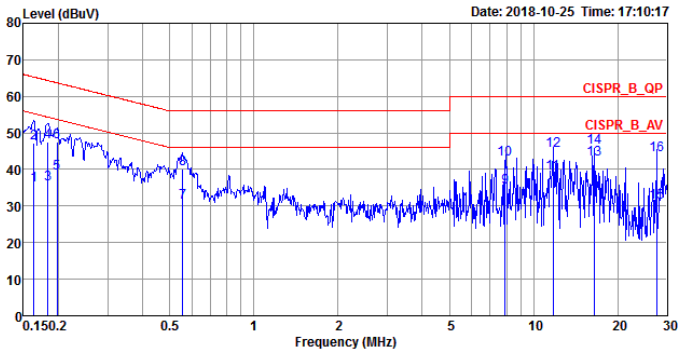
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Line
Operating Function	Normal Link		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark	Pol/Phase
	MHz	dBuV	dB	dBuV	dBuV	dB	dB		
1	0.2644	35.56	-15.73	51.29	25.38	10.16	0.02	Average	LINE
2	0.2644	43.75	-17.54	61.29	33.57	10.16	0.02	QP	LINE
3	0.2803	38.13	-12.68	50.81	27.95	10.16	0.02	Average	LINE
4	0.2803	45.49	-15.32	60.81	35.31	10.16	0.02	QP	LINE
5	0.5238	32.82	-13.18	46.00	22.63	10.16	0.03	Average	LINE
6	0.5238	42.28	-13.72	56.00	32.09	10.16	0.03	QP	LINE
7	0.5493	32.75	-13.25	46.00	22.56	10.16	0.03	Average	LINE
8	0.5493	42.69	-13.31	56.00	32.50	10.16	0.03	QP	LINE
9	5.2973	31.59	-18.41	50.00	21.27	10.25	0.07	Average	LINE
10	5.2973	38.39	-21.61	60.00	28.07	10.25	0.07	QP	LINE
11	11.7586	43.38	-6.62	50.00	32.96	10.34	0.08	Average	LINE
12	11.7586	47.39	-12.61	60.00	36.97	10.34	0.08	QP	LINE
13	16.4636	45.94	-4.06	50.00	35.45	10.38	0.11	Average	LINE
14	16.4636	48.80	-11.20	60.00	38.31	10.38	0.11	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.)

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	0.1633	35.70	-19.60	55.30	25.52	10.17	0.01	Average	NEUTRAL
2	0.1633	47.11	-18.19	65.30	36.93	10.17	0.01	QP	NEUTRAL
3	0.1835	35.98	-18.35	54.33	25.80	10.17	0.01	Average	NEUTRAL
4	0.1835	47.44	-16.89	64.33	37.26	10.17	0.01	QP	NEUTRAL
5	0.1976	38.83	-14.88	53.71	28.65	10.17	0.01	Average	NEUTRAL
6	0.1976	47.49	-16.22	63.71	37.31	10.17	0.01	QP	NEUTRAL
7	0.5552	31.08	-14.92	46.00	20.88	10.17	0.03	Average	NEUTRAL
8	0.5552	40.15	-15.85	56.00	29.95	10.17	0.03	QP	NEUTRAL
9	7.9233	34.98	-15.02	50.00	24.62	10.29	0.07	Average	NEUTRAL
10	7.9233	42.93	-17.07	60.00	32.57	10.29	0.07	QP	NEUTRAL
11	11.7446	38.93	-11.07	50.00	28.51	10.34	0.08	Average	NEUTRAL
12	11.7446	45.03	-14.97	60.00	34.61	10.34	0.08	QP	NEUTRAL
13	16.4646	42.76	-7.24	50.00	32.27	10.38	0.11	Average	NEUTRAL
14	16.4646	46.04	-13.96	60.00	35.55	10.38	0.11	QP	NEUTRAL
15	27.5426	30.99	-19.01	50.00	20.28	10.49	0.22	Average	NEUTRAL
16	27.5426	43.85	-16.15	60.00	33.14	10.49	0.22	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.)

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)_2TX	10.05M	14.943M	14M9G1D	10M	14.318M
802.11g_Nss1,(6Mbps)_2TX	15.1M	20.79M	20M8D1D	14.35M	16.342M
802.11n HT20_Nss1,(MCS0)_2TX	15.65M	21.689M	21M7D1D	13.8M	17.516M
802.11n HT40_Nss1,(MCS0)_2TX	35.05M	36.132M	36M1D1D	33.8M	35.732M

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)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	10.05M	14.943M	10.025M	14.668M
2437MHz	Pass	500k	10.05M	14.918M	10M	14.618M
2462MHz	Pass	500k	10M	14.643M	10M	14.318M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.025M	16.342M	14.35M	16.342M
2437MHz	Pass	500k	15.1M	20.79M	15.025M	17.966M
2462MHz	Pass	500k	15.025M	16.442M	15.05M	16.367M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	14.975M	17.541M	15.65M	17.516M
2437MHz	Pass	500k	15.075M	21.689M	14.775M	19.065M
2462MHz	Pass	500k	13.8M	17.541M	15.1M	17.541M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	33.85M	35.832M	35.05M	35.882M
2437MHz	Pass	500k	34.95M	35.932M	35M	36.132M
2452MHz	Pass	500k	33.8M	35.732M	33.85M	35.882M

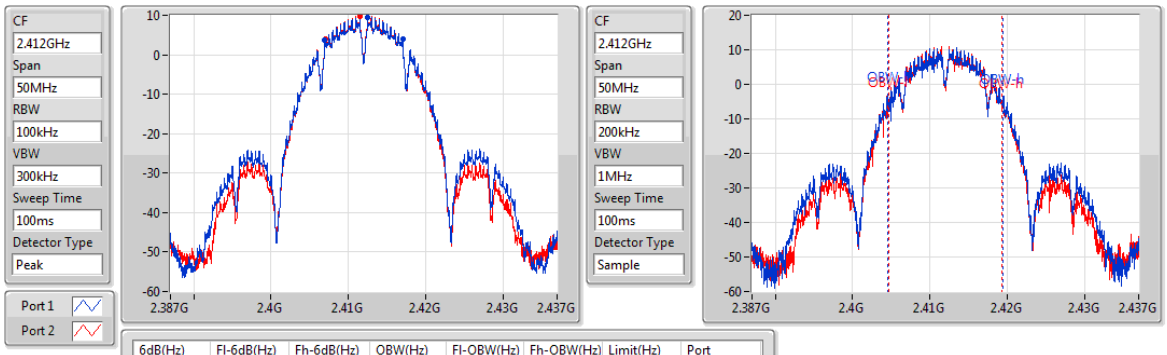
Port X-N dB = Port **X** 6dB down bandwidth; **Port X-OBW** = Port **X** 99% occupied bandwidth;

802.11b_Nss1,(1Mbps)_2TX

EBW

2412MHz

03/12/2018



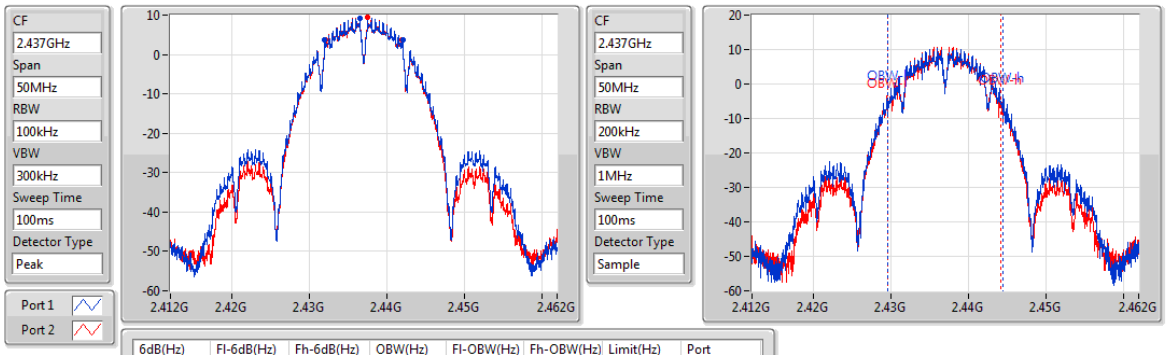
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.05M	2.406975G	2.417025G	14.943M	2.404529G	2.419471G	500k	1
10.025M	2.407G	2.417025G	14.668M	2.404679G	2.419346G	500k	2

802.11b_Nss1,(1Mbps)_2TX

EBW

2437MHz

03/12/2018



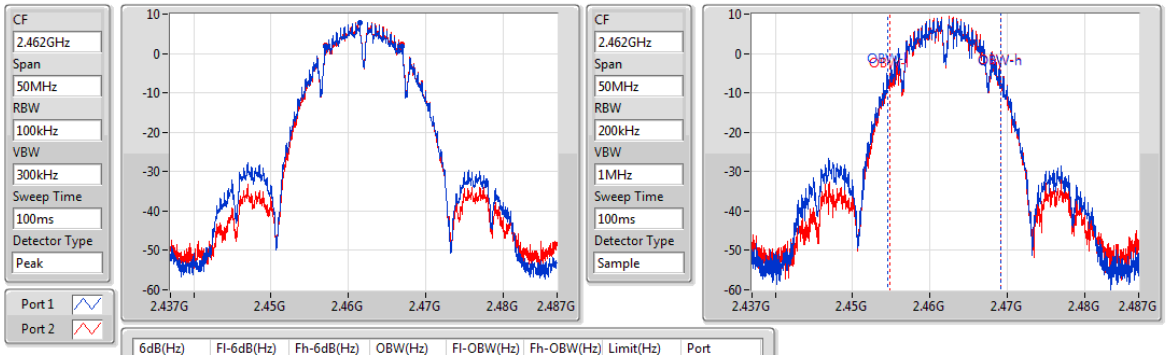
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.05M	2.431975G	2.442025G	14.918M	2.429504G	2.444421G	500k	1
10M	2.432G	2.442G	14.618M	2.429604G	2.444221G	500k	2

802.11b_Nss1,(1Mbps)_2TX

EBW

2462MHz

03/12/2018



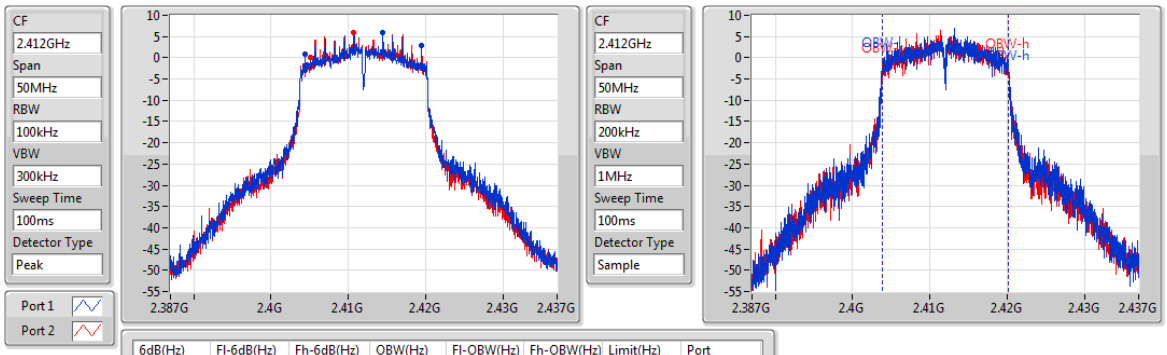
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10M	2.457G	2.467G	14.643M	2.454579G	2.469221G	500k	1
10M	2.457G	2.467G	14.318M	2.454829G	2.469146G	500k	2

802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

03/12/2018



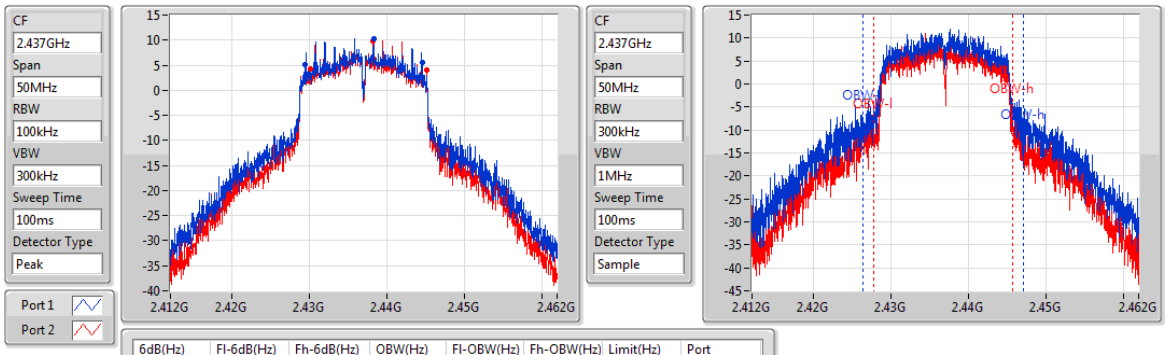
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.025M	2.40445G	2.419475G	16.342M	2.403829G	2.420171G	500k	1
14.35M	2.40515G	2.4195G	16.342M	2.403854G	2.420196G	500k	2

802.11g_Nss1,(6Mbps)_2TX

EBW

2437MHz

03/12/2018



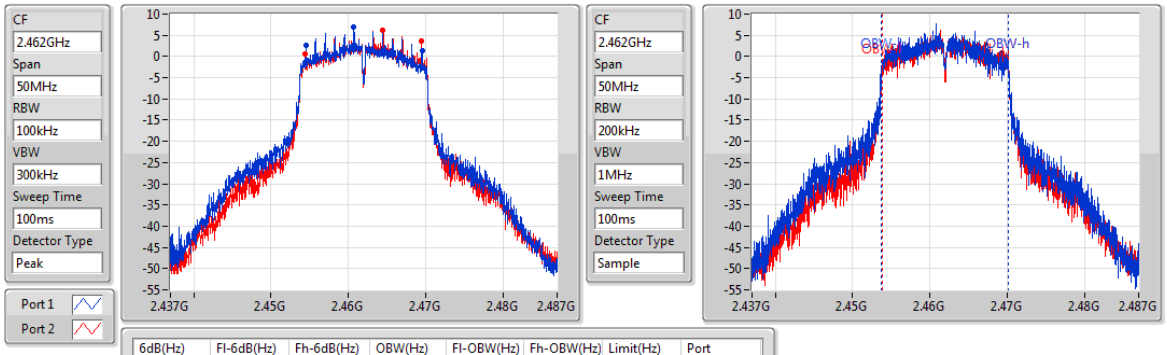
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.1M	2.42945G	2.44455G	20.79M	2.426355G	2.447145G	500k	1
15.025M	2.4301G	2.445125G	17.966M	2.427755G	2.445721G	500k	2

802.11g_Nss1,(6Mbps)_2TX

EBW

2462MHz

03/12/2018



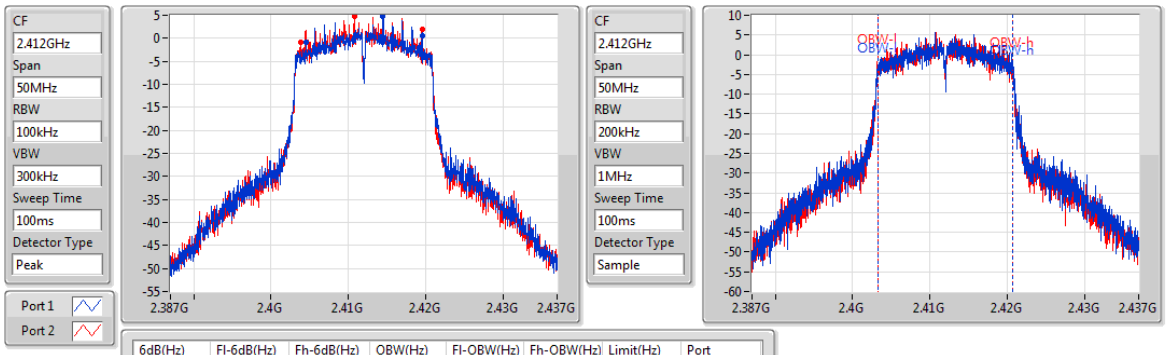
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.025M	2.454525G	2.46955G	16.442M	2.453729G	2.470171G	500k	1
15.05M	2.45445G	2.4695G	16.367M	2.453804G	2.470171G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX

EBW

2412MHz

03/12/2018



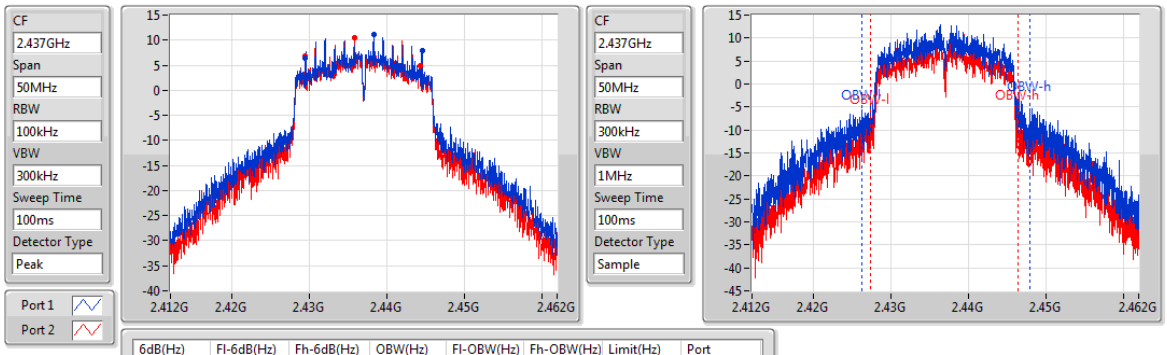
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.975M	2.404575G	2.41955G	17.541M	2.403229G	2.420771G	500k	1
15.65M	2.403875G	2.419525G	17.516M	2.403229G	2.420746G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX

EBW

2437MHz

03/12/2018



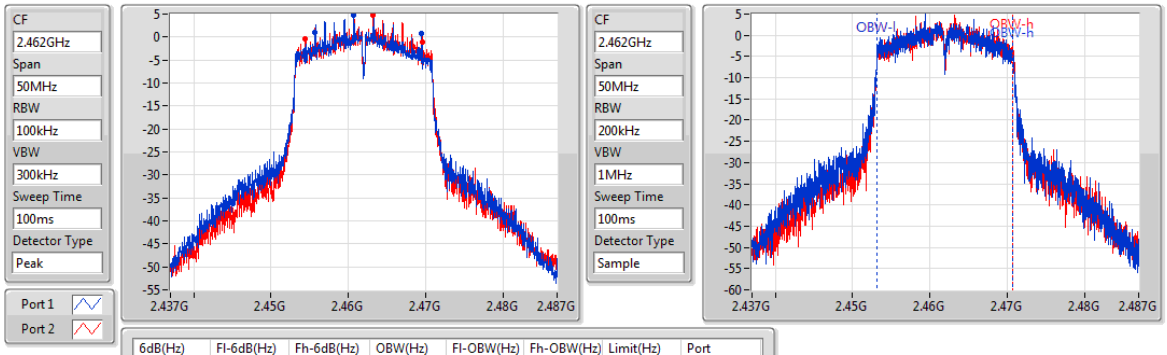
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.075M	2.42945G	2.444525G	21.689M	2.42618G	2.44787G	500k	1
14.775M	2.429475G	2.44425G	19.065M	2.427355G	2.44642G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX

EBW

2462MHz

03/12/2018



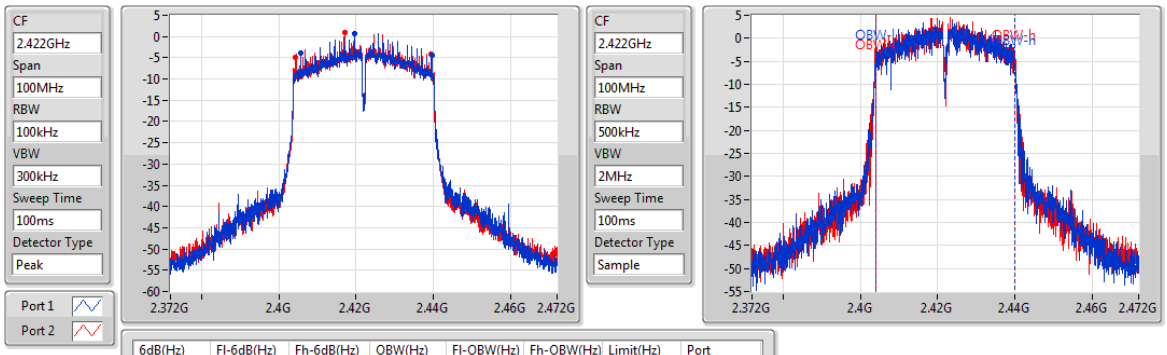
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
13.8M	2.4557G	2.4695G	17.541M	2.453204G	2.470746G	500k	1
15.1M	2.45445G	2.46955G	17.541M	2.453204G	2.470746G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX

EBW

2422MHz

03/12/2018



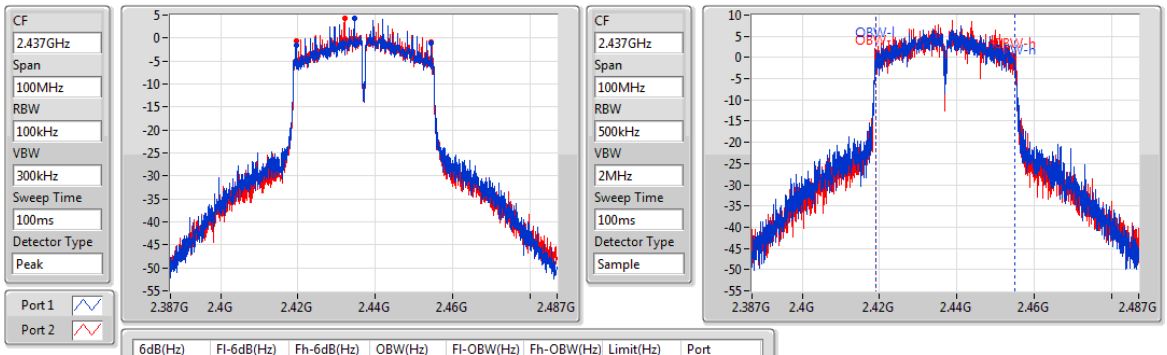
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.85M	2.4057G	2.43955G	35.832M	2.404059G	2.439891G	500k	1
35.05M	2.40445G	2.4395G	35.882M	2.404009G	2.439891G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX

EBW

2437MHz

03/12/2018



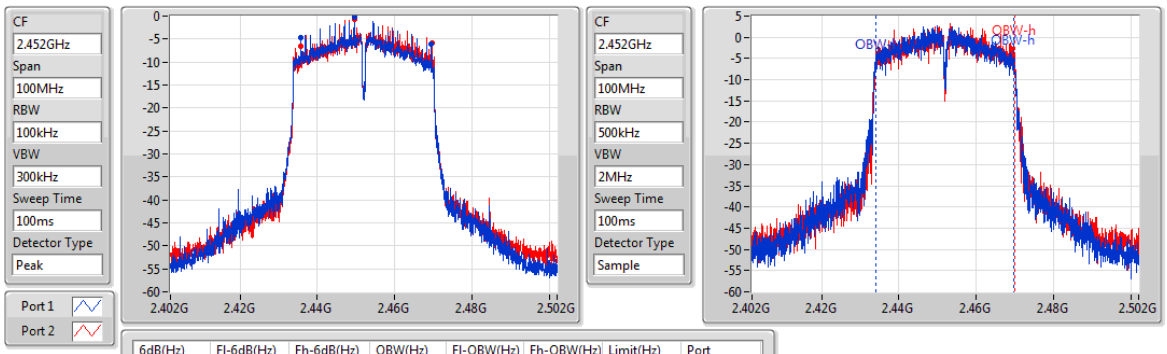
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.95M	2.41955G	2.4545G	35.932M	2.419009G	2.454941G	500k	1
35M	2.4195G	2.4545G	36.132M	2.418959G	2.455091G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX

EBW

2452MHz

03/12/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.8M	2.4357G	2.4695G	35.732M	2.434009G	2.469741G	500k	1
33.85M	2.4357G	2.46955G	35.882M	2.434009G	2.469891G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	23.22	0.20989
802.11g_Nss1,(6Mbps)_2TX	24.55	0.28510
802.11n HT20_Nss1,(MCS0)_2TX	24.49	0.28119
802.11n HT40_Nss1,(MCS0)_2TX	20.36	0.10864

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.96	20.11	20.23	23.18	30.00
2437MHz	Pass	1.96	20.24	20.18	23.22	30.00
2462MHz	Pass	1.96	18.93	17.72	21.38	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.96	16.94	17.02	19.99	30.00
2417MHz	Pass	1.96	20.16	20.06	23.12	30.00
2422MHz	Pass	1.96	21.55	21.22	24.40	30.00
2437MHz	Pass	1.96	21.59	21.49	24.55	30.00
2452MHz	Pass	1.96	21.35	21.26	24.32	30.00
2457MHz	Pass	1.96	19.41	19.48	22.46	30.00
2462MHz	Pass	1.96	17.21	17.27	20.25	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.96	15.97	16.09	19.04	30.00
2417MHz	Pass	1.96	19.48	19.62	22.56	30.00
2422MHz	Pass	1.96	21.47	21.25	24.37	30.00
2437MHz	Pass	1.96	21.56	21.39	24.49	30.00
2452MHz	Pass	1.96	21.03	21.10	24.08	30.00
2457MHz	Pass	1.96	19.12	19.51	22.33	30.00
2462MHz	Pass	1.96	15.06	15.40	18.24	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	1.96	14.15	14.10	17.14	30.00
2427MHz	Pass	1.96	15.04	14.97	18.02	30.00
2432MHz	Pass	1.96	16.47	16.44	19.47	30.00
2437MHz	Pass	1.96	17.32	17.38	20.36	30.00
2442MHz	Pass	1.96	16.41	16.39	19.41	30.00
2447MHz	Pass	1.96	14.34	14.53	17.45	30.00
2452MHz	Pass	1.96	12.98	12.92	15.96	30.00

DG = Directional Gain; **Port X** = Port X output power
Note : Conducted average output power is for reference only

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-9.12
802.11g_Nss1,(6Mbps)_2TX	-4.11
802.11n HT20_Nss1,(MCS0)_2TX	-3.45
802.11n HT40_Nss1,(MCS0)_2TX	-9.45

RBW=3kHz.

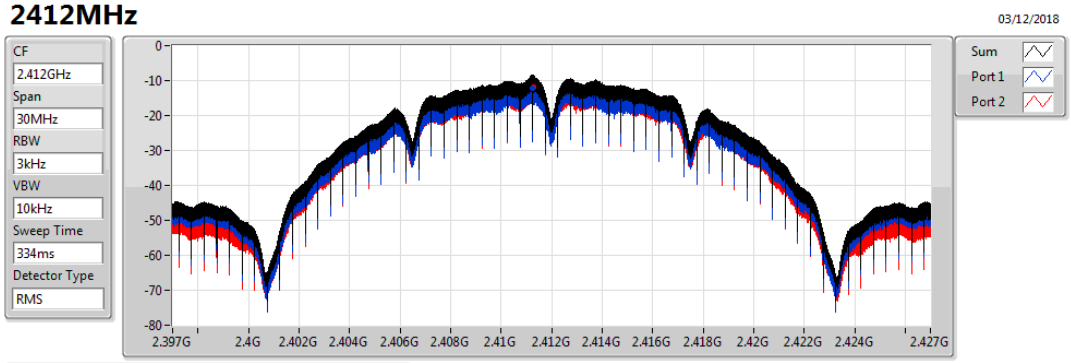
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.97	-12.24	-11.91	-9.12	8.00
2437MHz	Pass	4.97	-12.33	-11.89	-9.27	8.00
2462MHz	Pass	4.97	-13.87	-13.47	-10.77	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.97	-10.44	-9.51	-7.93	8.00
2437MHz	Pass	4.97	-5.94	-6.43	-4.11	8.00
2462MHz	Pass	4.97	-10.34	-8.39	-6.49	8.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.97	-10.95	-11.17	-8.98	8.00
2437MHz	Pass	4.97	-5.66	-6.08	-3.45	8.00
2462MHz	Pass	4.97	-12.01	-11.19	-10.04	8.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.97	-15.24	-14.46	-12.80	8.00
2437MHz	Pass	4.97	-12.23	-12.43	-9.45	8.00
2452MHz	Pass	4.97	-16.28	-16.43	-13.73	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 Xpower density;

802.11b_Nss1,(1Mbps)_2TX **PSD**

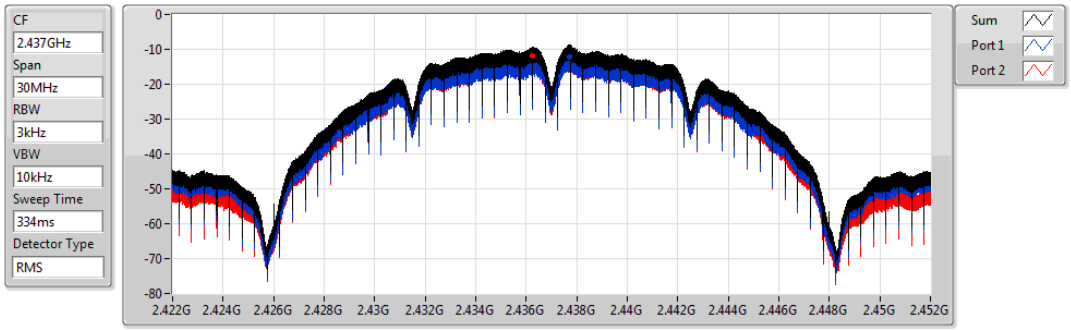
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.12	-9.12	-12.24	-11.91

802.11b_Nss1,(1Mbps)_2TX **PSD**

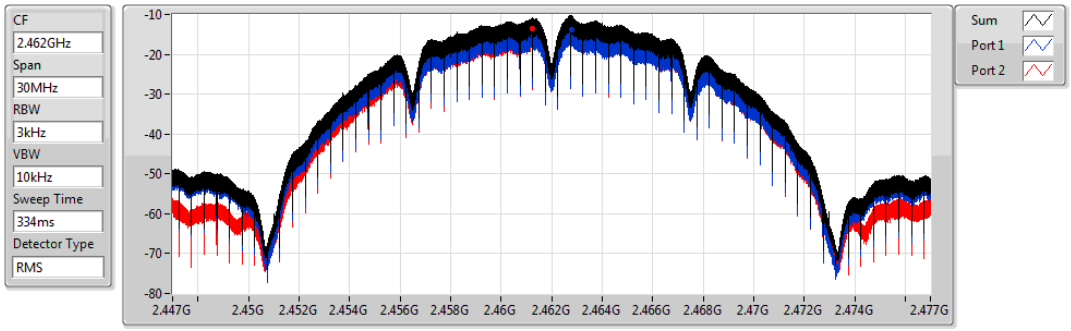
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.27	-9.27	-12.33	-11.89

802.11b_Nss1,(1Mbps)_2TX **PSD**

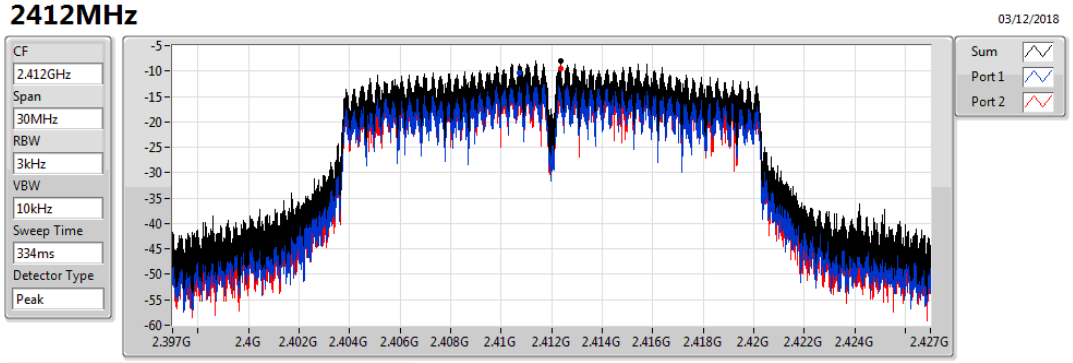
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.77	-10.77	-13.87	-13.47

802.11g_Nss1,(6Mbps)_2TX PSD

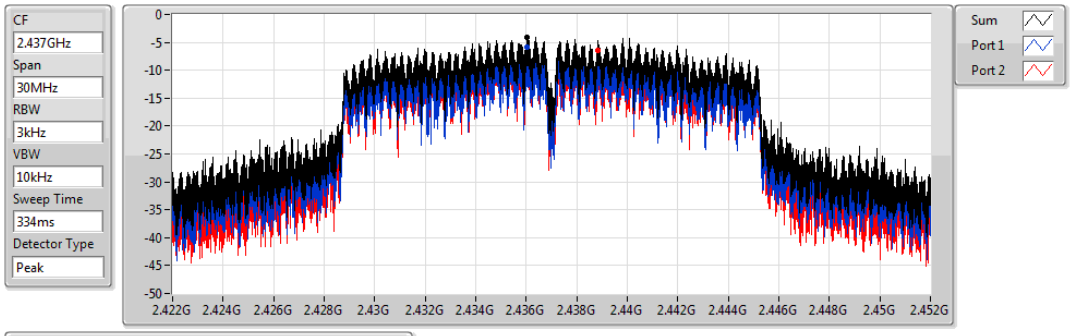
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.93	-7.93	-10.44	-9.51

802.11g_Nss1,(6Mbps)_2TX PSD

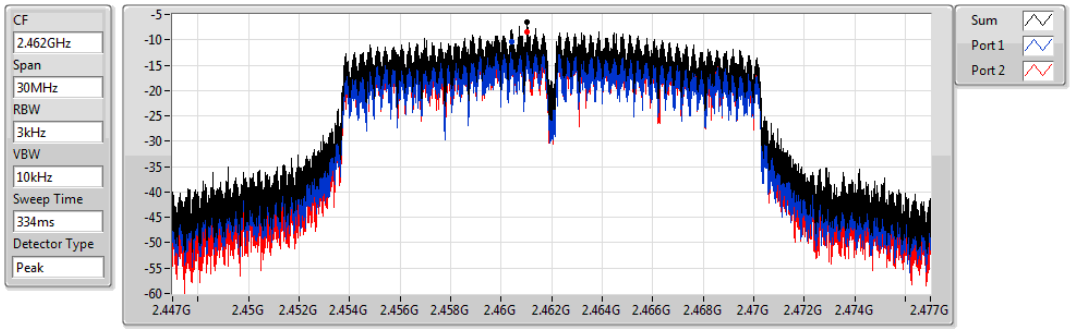
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.11	-4.11	-5.94	-6.43

802.11g_Nss1,(6Mbps)_2TX PSD

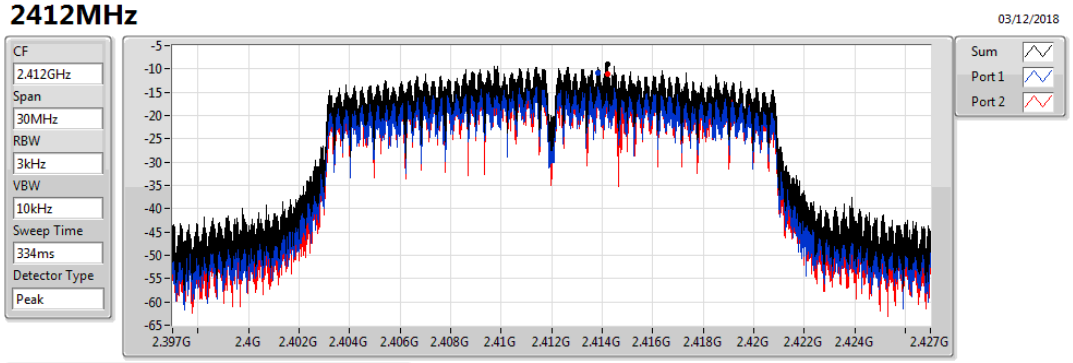
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.49	-6.49	-10.34	-8.39

802.11n HT20_Nss1,(MCS0)_2TX PSD

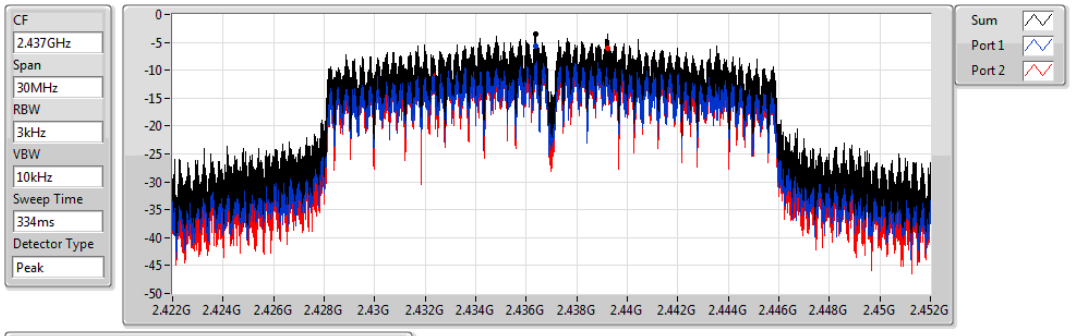
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.98	-8.98	-10.95	-11.17

802.11n HT20_Nss1,(MCS0)_2TX PSD

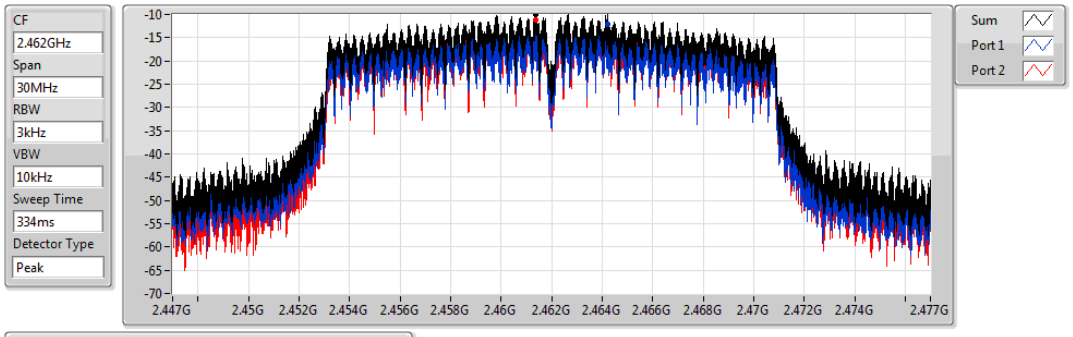
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.45	-3.45	-5.66	-6.08

802.11n HT20_Nss1,(MCS0)_2TX PSD

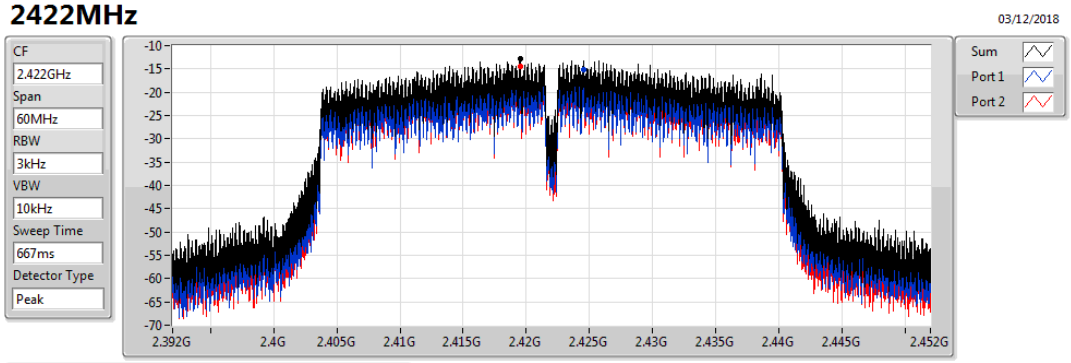
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.04	-10.04	-12.01	-11.19

802.11n HT40_Nss1,(MCS0)_2TX **PSD**

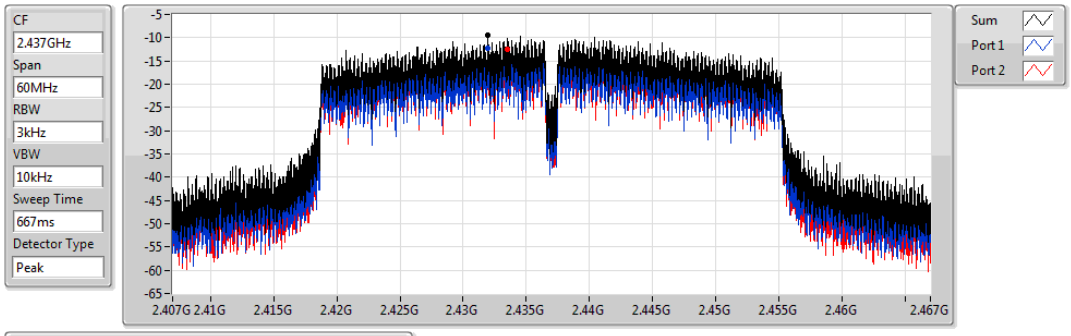
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.80	-12.80	-15.24	-14.46

802.11n HT40_Nss1,(MCS0)_2TX **PSD**

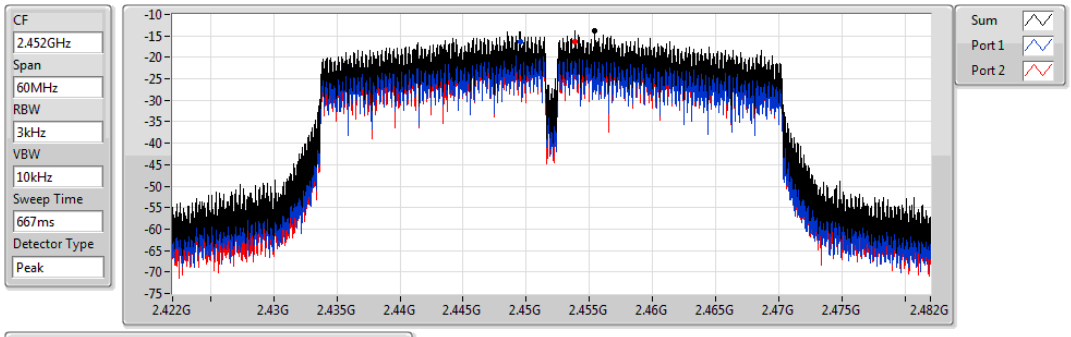
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.45	-9.45	-12.23	-12.43

802.11n HT40_Nss1,(MCS0)_2TX **PSD**

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.73	-13.73	-16.28	-16.43

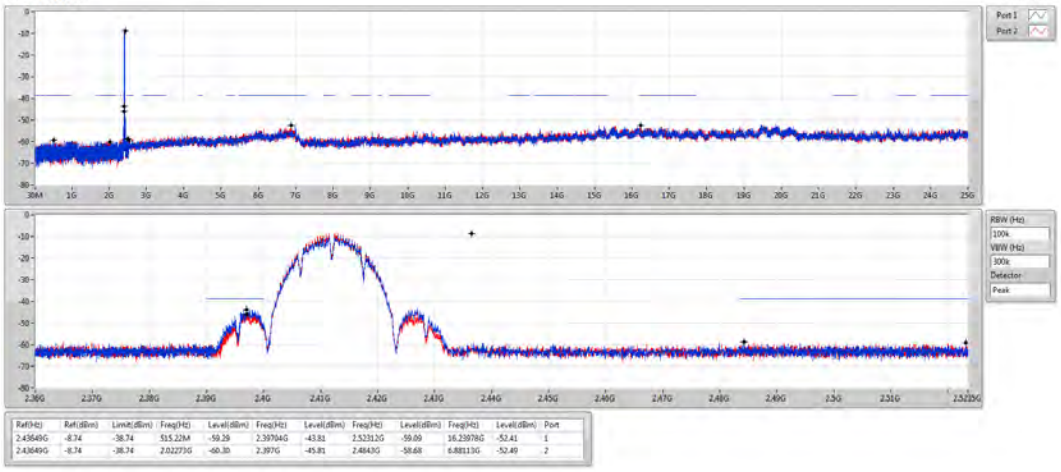
Summary

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)_2TX	Pass	2.43649G	-8.74	-38.74	515.22M	-59.29	2.39704G	-43.81	2.52312G	-59.09	16.23978G	-52.41	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.44204G	-9.94	-39.94	648.03M	-59.66	2.39984G	-43.20	2.52312G	-58.40	16.82417G	-51.82	1
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.43449G	-8.60	-38.60	186.98M	-59.65	2.3999G	-44.77	2.4946G	-58.52	15.26768G	-52.67	1
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.43444G	-14.36	-44.36	676.07M	-59.44	2.39944G	-51.48	2.56074G	-59.20	15.09148G	-52.80	1

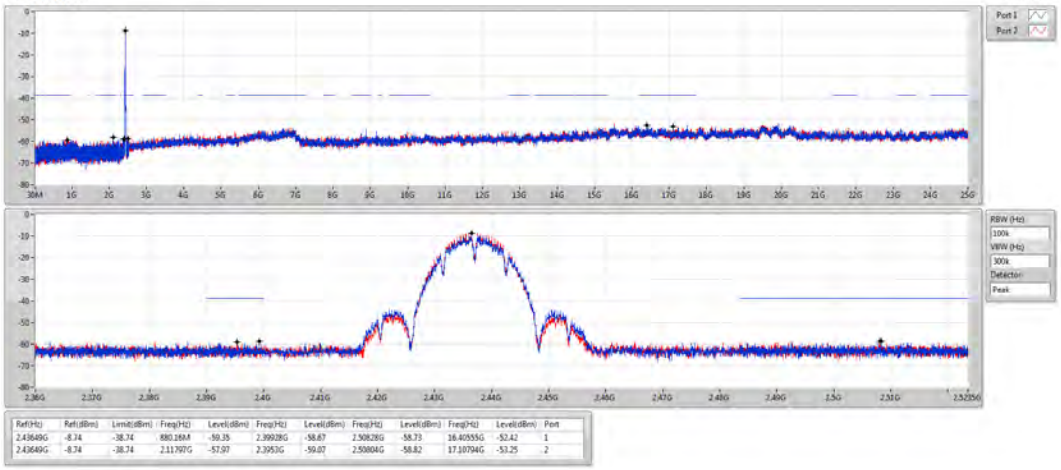
Result

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)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43649G	-8.74	-38.74	515.22M	-59.29	2.39704G	-43.81	2.52312G	-59.09	16.23978G	-52.41	1
2412MHz	Pass	2.43649G	-8.74	-38.74	2.02273G	-60.30	2.397G	-45.81	2.4843G	-58.68	6.88113G	-52.49	2
2437MHz	Pass	2.43649G	-8.74	-38.74	880.16M	-59.35	2.39928G	-58.67	2.50828G	-58.73	16.40555G	-52.42	1
2437MHz	Pass	2.43649G	-8.74	-38.74	2.11797G	-57.97	2.3953G	-59.07	2.50804G	-58.82	17.10794G	-53.25	2
2462MHz	Pass	2.43649G	-8.74	-38.74	379.79M	-59.43	2.39024G	-60.20	2.5097G	-58.33	24.51114G	-52.55	1
2462MHz	Pass	2.43649G	-8.74	-38.74	1.84769G	-59.49	2.39704G	-59.75	2.48676G	-56.93	16.44769G	-52.51	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44204G	-9.94	-39.94	648.03M	-59.66	2.39984G	-43.20	2.52312G	-58.40	16.82417G	-51.82	1
2412MHz	Pass	2.44204G	-9.94	-39.94	2.11186G	-60.25	2.39992G	-43.63	2.4894G	-58.47	16.82136G	-52.73	2
2437MHz	Pass	2.44204G	-9.94	-39.94	2.12904G	-58.94	2.39452G	-59.61	2.50492G	-58.76	15.20867G	-52.38	1
2437MHz	Pass	2.44204G	-9.94	-39.94	2.17506G	-58.53	2.39638G	-58.97	2.52024G	-59.19	15.07663G	-53.61	2
2462MHz	Pass	2.44204G	-9.94	-39.94	2.07865G	-59.54	2.39522G	-60.28	2.48482G	-57.35	16.54603G	-53.13	1
2462MHz	Pass	2.44204G	-9.94	-39.94	956.18M	-59.15	2.39486G	-60.34	2.48402G	-58.16	16.51231G	-52.55	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43449G	-8.60	-38.60	186.98M	-59.65	2.3999G	-44.77	2.4946G	-58.52	15.26768G	-52.67	1
2412MHz	Pass	2.43449G	-8.60	-38.60	1.78478G	-59.23	2.39978G	-44.90	2.50076G	-57.74	24.85671G	-53.20	2
2437MHz	Pass	2.43449G	-8.60	-38.60	2.07254G	-59.58	2.39696G	-57.77	2.4848G	-58.45	17.42261G	-52.77	1
2437MHz	Pass	2.43449G	-8.60	-38.60	1.62226G	-58.19	2.39928G	-59.14	2.48358G	-58.38	24.44652G	-52.87	2
2462MHz	Pass	2.43449G	-8.60	-38.60	1.64498G	-59.57	2.39248G	-59.77	2.48356G	-58.68	24.79771G	-53.23	1
2462MHz	Pass	2.43449G	-8.60	-38.60	877.83M	-59.37	2.39102G	-58.89	2.48374G	-58.15	6.69289G	-53.50	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43444G	-14.36	-44.36	148.22M	-59.49	2.39892G	-54.84	2.49966G	-59.06	24.74478G	-52.28	1
2422MHz	Pass	2.43444G	-14.36	-44.36	2.18804G	-59.08	2.39856G	-53.95	2.49086G	-59.14	24.48677G	-52.73	2
2437MHz	Pass	2.43444G	-14.36	-44.36	676.07M	-59.44	2.39944G	-51.48	2.56074G	-59.20	15.09148G	-52.80	1
2437MHz	Pass	2.43444G	-14.36	-44.36	2.10073G	-58.93	2.39984G	-52.70	2.55726G	-59.08	6.9919G	-53.41	2
2452MHz	Pass	2.43444G	-14.36	-44.36	1.93757G	-59.78	2.39908G	-60.55	2.48986G	-58.72	17.58754G	-53.02	1
2452MHz	Pass	2.43444G	-14.36	-44.36	2.14739G	-59.20	2.39244G	-59.51	2.48446G	-56.46	16.42645G	-52.78	2

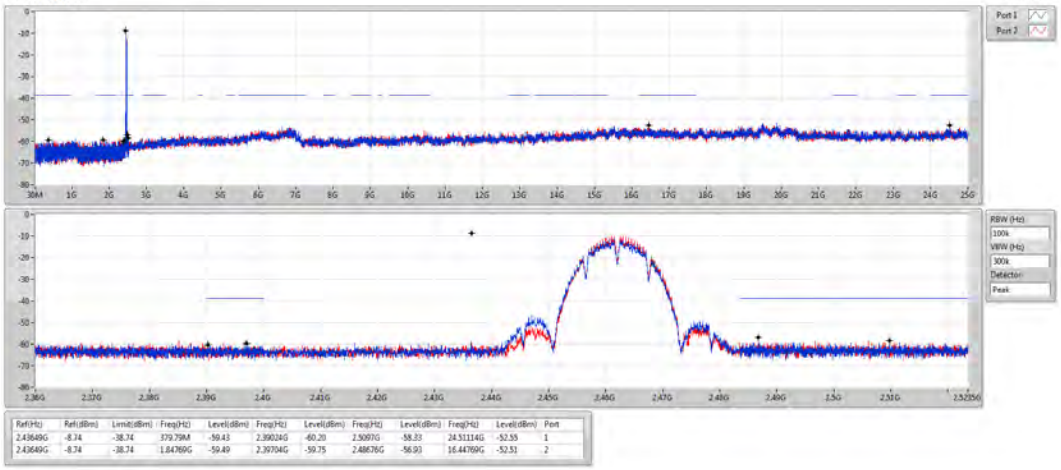
802.11b_Nss1,(1Mbps)_2TX
2412MHz
CSE NdB



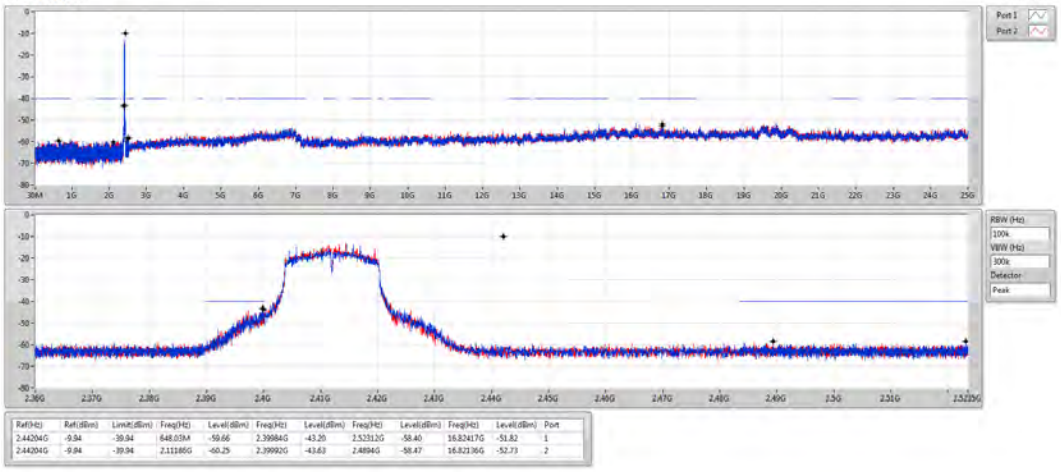
802.11b_Nss1,(1Mbps)_2TX
2437MHz
CSE NdB



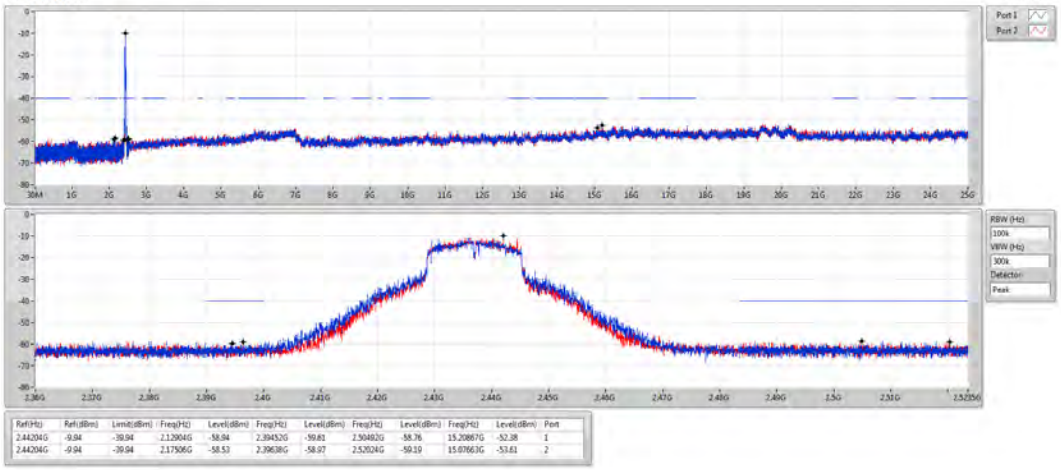
802.11b_Nss1,(1Mbps)_2TX
2462MHz
CSE NdB



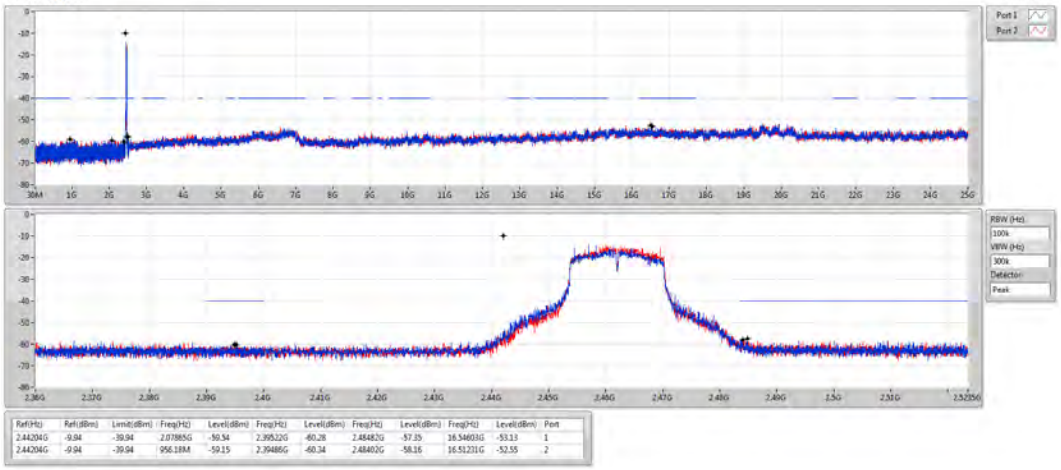
802.11g_Nss1,(6Mbps)_2TX
2412MHz
CSE NdB



802.11g_Nss1,(6Mbps)_2TX
2437MHz
CSE NdB



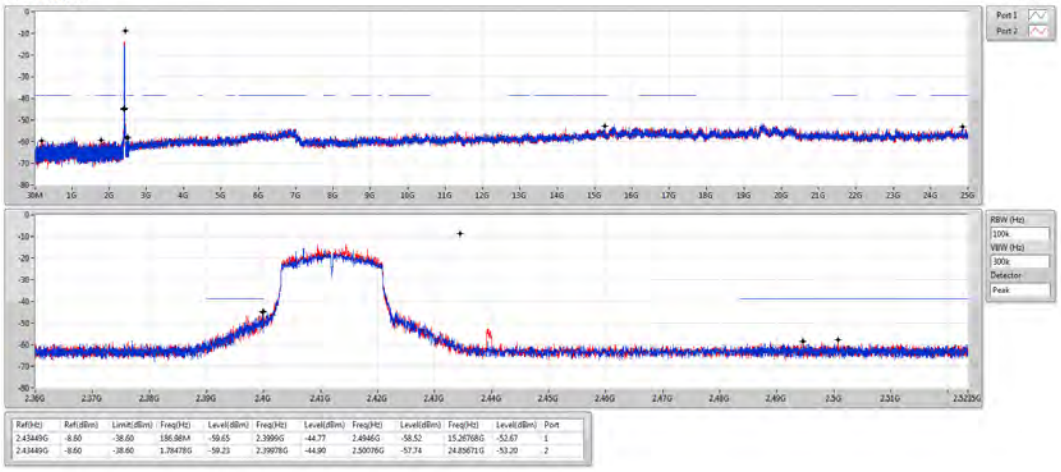
802.11g_Nss1,(6Mbps)_2TX
2462MHz
CSE NdB



802.11n HT20_Nss1,(MCS0)_2TX

CSE NdB

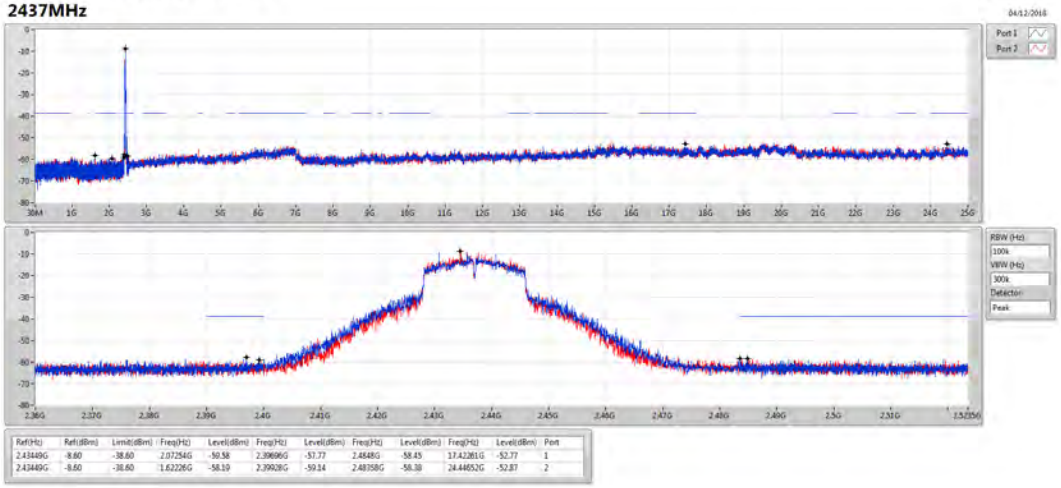
2412MHz



802.11n HT20_Nss1,(MCS0)_2TX

CSE NdB

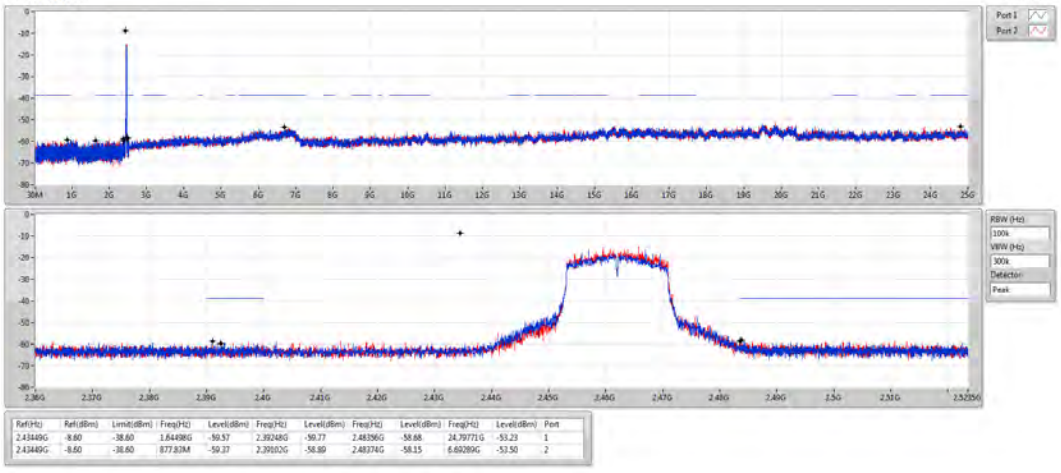
2437MHz



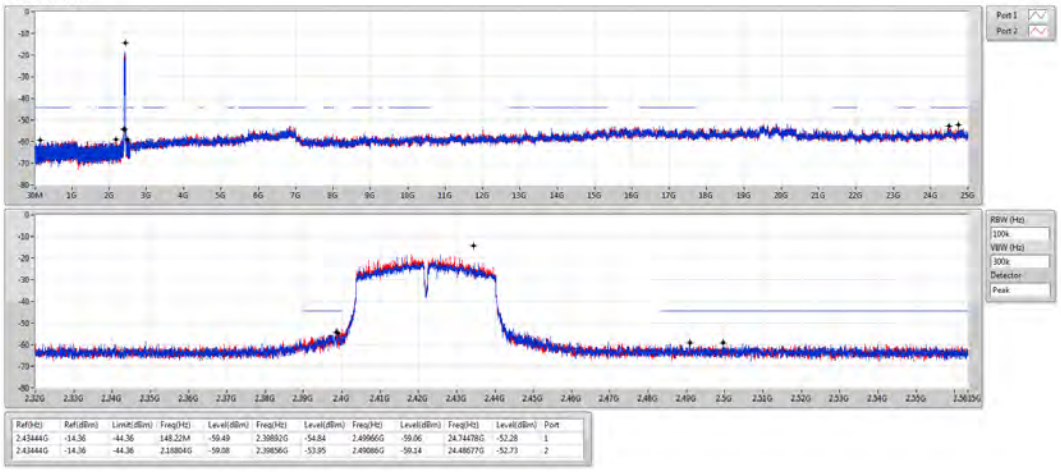
802.11n HT20_Nss1,(MCS0)_2TX

CSE NdB

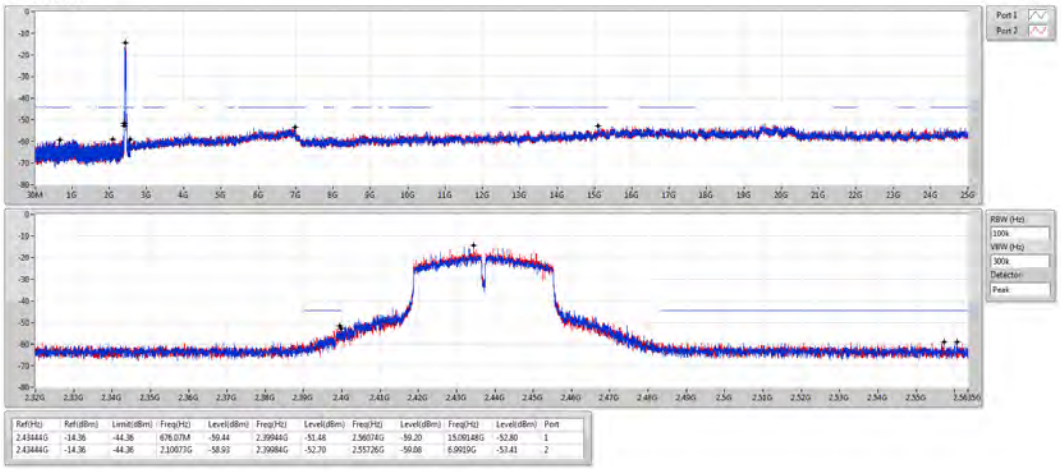
2462MHz



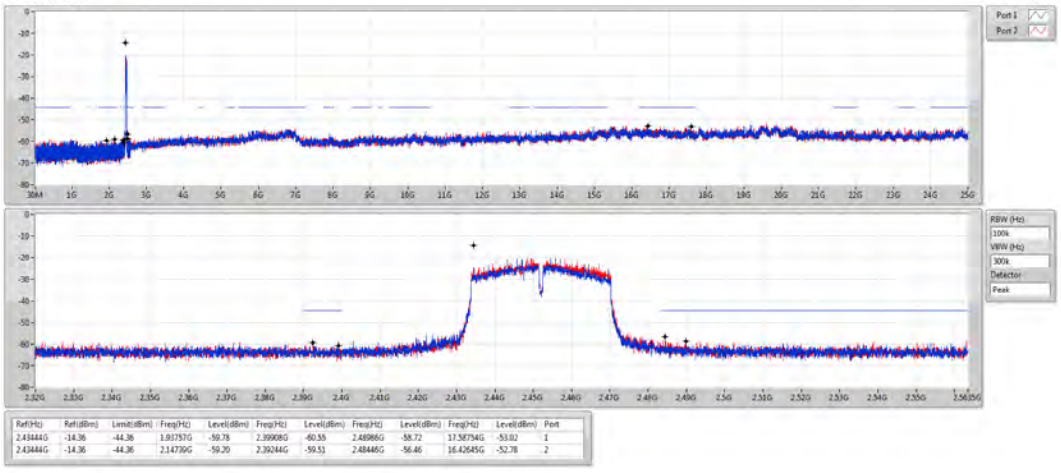
802.11n HT40_Nss1,(MCS0)_2TX
2422MHz
CSE NdB



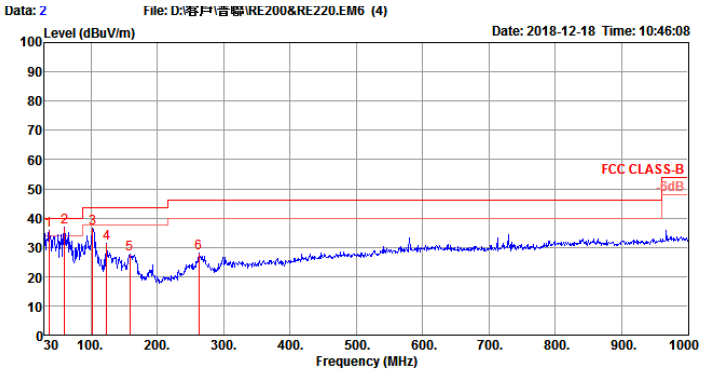
802.11n HT40_Nss1,(MCS0)_2TX
2437MHz
CSE NdB



802.11n HT40_Nss1,(MCS0)_2TX
2452MHz
CSE NdB



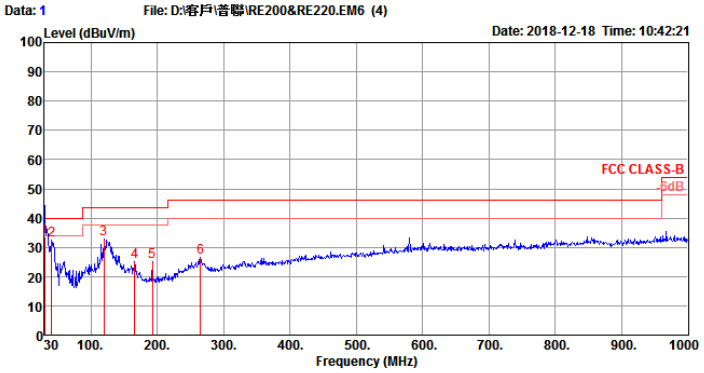
RSE below 1GHz Result			
Operating Mode	1	**Polarization**	Vertical
Operating Function	Normal Link		



	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	36.79	35.76	40.00	-4.24	47.46	0.58	20.14	32.42	100	94	Peak	VERTICAL
2	60.07	36.85	40.00	-3.15	56.06	0.83	12.37	32.41	125	104	Peak	VERTICAL
3	102.75	36.53	43.50	-6.97	50.64	1.07	17.19	32.37	100	193	Peak	VERTICAL
4	124.09	31.21	43.50	-12.29	44.30	1.14	18.12	32.35	300	115	Peak	VERTICAL
5	159.01	27.74	43.50	-15.76	42.71	1.29	16.06	32.32	125	79	Peak	VERTICAL
6	262.80	27.93	46.00	-18.07	39.62	1.68	18.90	32.27	300	51	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.)

RSE below 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	30.00	33.76	40.00	-6.24	41.60	0.49	24.10	32.43	100	153	QP	HORIZONTAL
2	40.67	32.59	40.00	-7.41	46.49	0.62	17.90	32.42	100	37	Peak	HORIZONTAL
3	119.24	32.90	43.50	-10.60	45.83	1.12	18.30	32.35	200	349	Peak	HORIZONTAL
4	165.80	25.09	43.50	-18.41	40.24	1.33	15.84	32.32	125	171	Peak	HORIZONTAL
5	192.96	24.94	43.50	-18.56	40.70	1.45	15.09	32.30	100	126	Peak	HORIZONTAL
6	264.74	26.41	46.00	-19.59	38.12	1.69	18.87	32.27	125	360	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.)

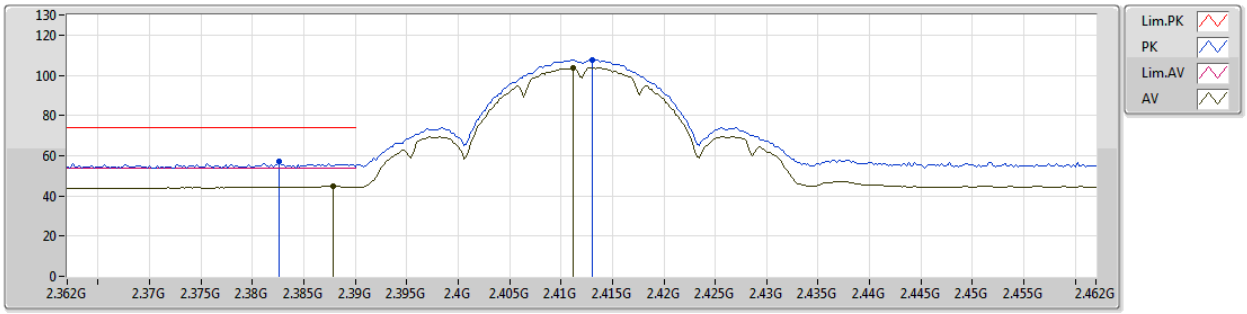
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	AV	4.874G	53.99	54.00	-0.01	6.71	3	Vertical	230	2.05	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

30/11/2018



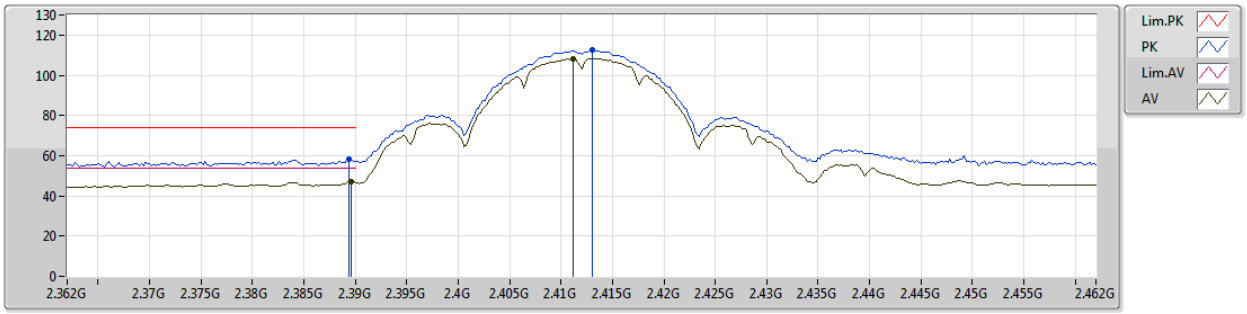
EUT Z_2TX
Setting 1E
04-E-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3826G	56.94	74.00	-17.06	32.10	3	Vertical	43	2.48	-
AV	2.3878G	44.70	54.00	-9.30	32.11	3	Vertical	43	2.48	-
PK	2.413G	107.84	Inf	-Inf	32.20	3	Vertical	43	2.48	-
AV	2.4112G	103.78	Inf	-Inf	32.19	3	Vertical	43	2.48	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

30/11/2018



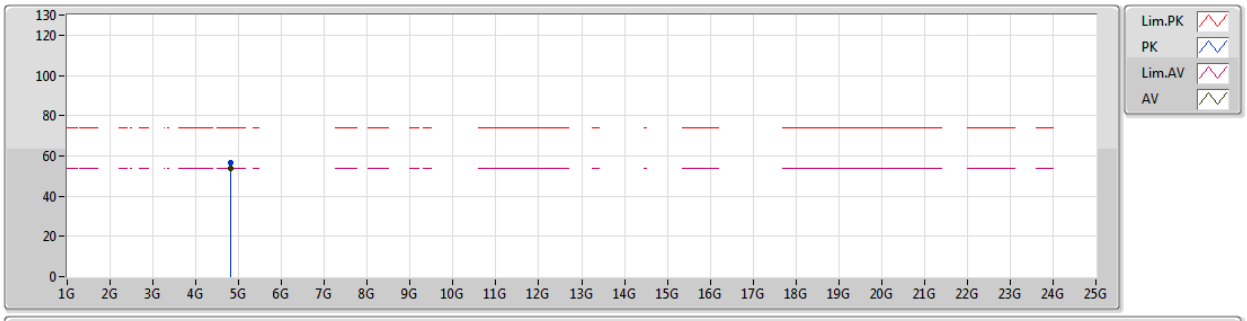
EUT Z_2TX
Setting 1E
04-E-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3894G	58.03	74.00	-15.97	32.13	3	Horizontal	189	1.01	-
AV	2.3896G	46.97	54.00	-7.03	32.13	3	Horizontal	189	1.01	-
PK	2.413G	112.59	Inf	-Inf	32.20	3	Horizontal	189	1.01	-
AV	2.4112G	108.41	Inf	-Inf	32.19	3	Horizontal	189	1.01	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

30/11/2018



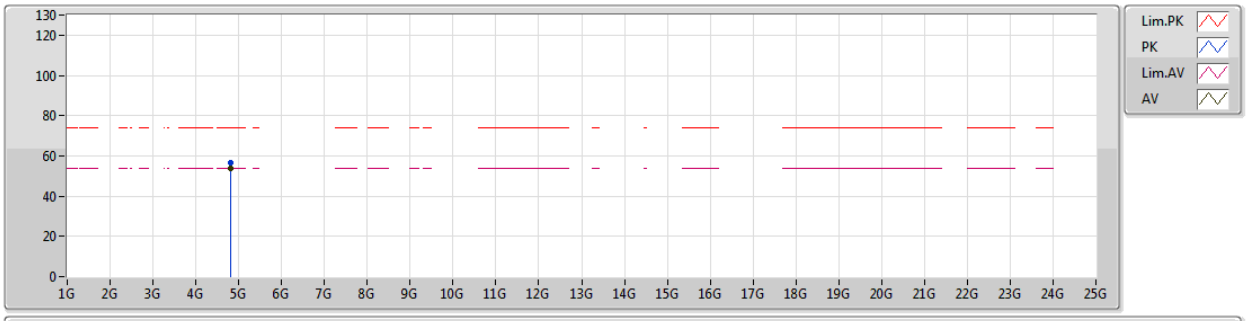
EUT Y_2TX
Setting 1E
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.82402G	56.47	74.00	-17.53	6.59	3	Vertical	183	2.12	-
AV	4.824G	53.74	54.00	-0.26	6.59	3	Vertical	183	2.12	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

30/11/2018



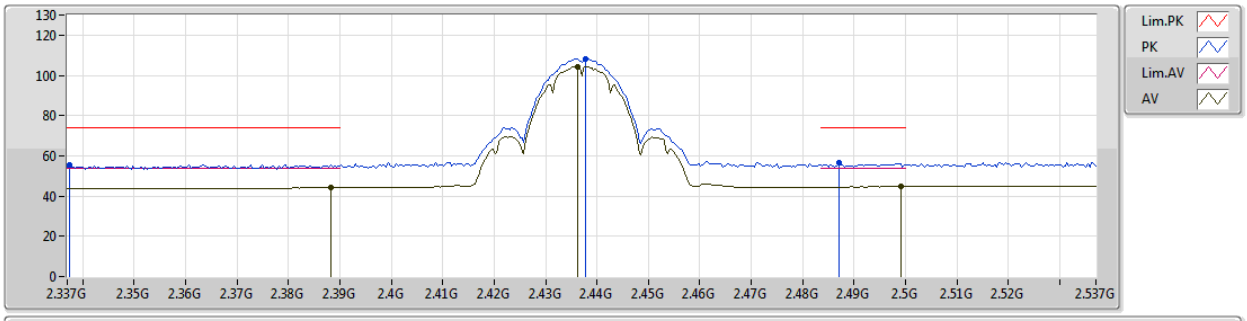
EUT Y_2TX
Setting 1E
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.82402G	56.44	74.00	-17.56	6.59	3	Horizontal	189	1.89	-
AV	4.82404G	53.95	54.00	-0.05	6.59	3	Horizontal	189	1.89	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

30/11/2018



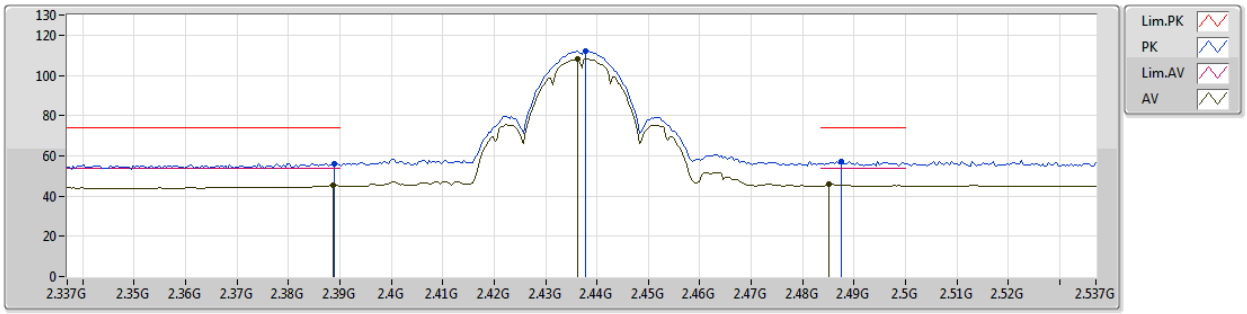
EUT Z_2TX
Setting 1E
04-E-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3374G	55.62	74.00	-18.38	31.94	3	Vertical	51	2.99	-
AV	2.3882G	44.15	54.00	-9.85	32.11	3	Vertical	51	2.99	-
PK	2.4378G	108.20	Inf	-Inf	32.27	3	Vertical	51	2.99	-
AV	2.4362G	104.22	Inf	-Inf	32.27	3	Vertical	51	2.99	-
PK	2.487G	56.70	74.00	-17.30	32.42	3	Vertical	51	2.99	-
AV	2.499G	44.67	54.00	-9.33	32.46	3	Vertical	51	2.99	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

30/11/2018



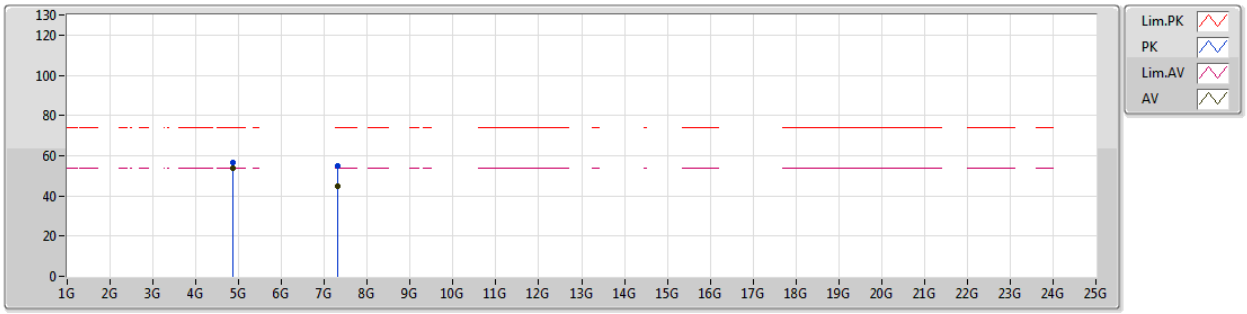
EUT Z_2TX
Setting 1E
04-E-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.389G	56.28	74.00	-17.72	32.12	3	Horizontal	167	2.27	-
AV	2.3886G	45.46	54.00	-8.54	32.12	3	Horizontal	167	2.27	-
PK	2.4378G	112.23	Inf	-Inf	32.27	3	Horizontal	167	2.27	-
AV	2.4362G	108.16	Inf	-Inf	32.27	3	Horizontal	167	2.27	-
PK	2.4874G	57.29	74.00	-16.71	32.42	3	Horizontal	167	2.27	-
AV	2.485G	45.75	54.00	-8.25	32.42	3	Horizontal	167	2.27	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

30/11/2018



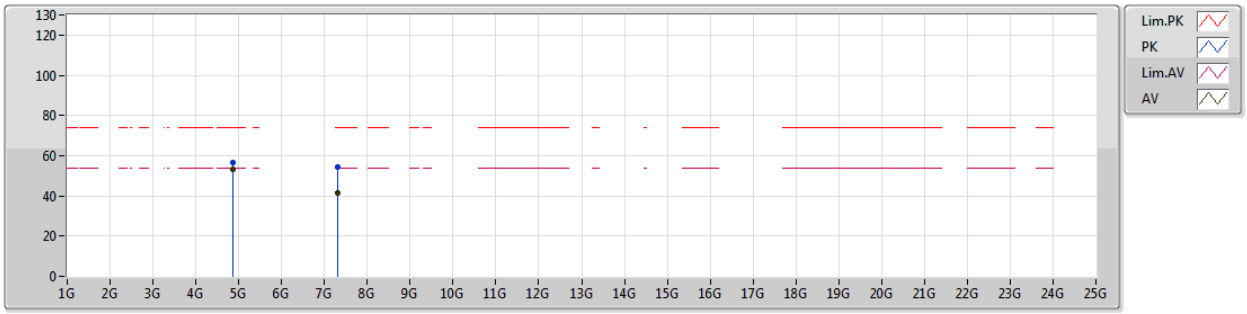
EUT Y_2TX
Setting 1E
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.87394G	56.85	74.00	-17.15	6.71	3	Vertical	230	2.05	-
AV	4.874G	53.99	54.00	-0.01	6.71	3	Vertical	230	2.05	-
PK	7.31272G	55.05	74.00	-18.95	11.75	3	Vertical	146	2.32	-
AV	7.31028G	44.61	54.00	-9.39	11.73	3	Vertical	146	2.32	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

30/11/2018



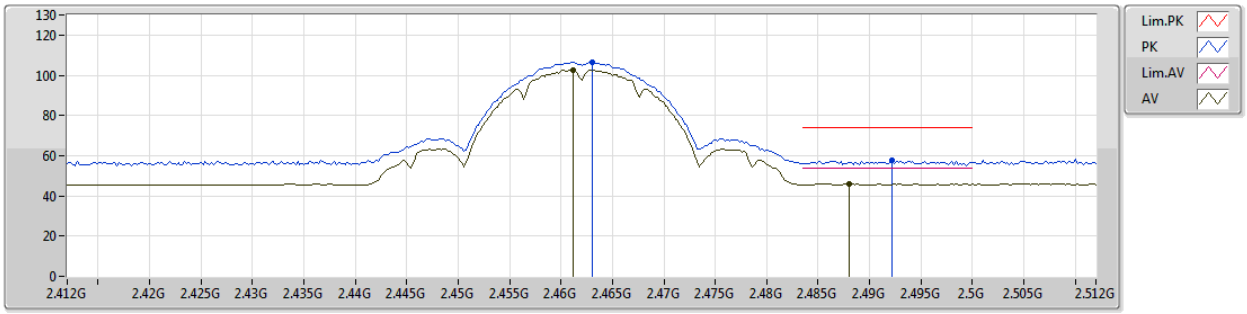
EUT Y_2TX
Setting 1E
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.87402G	56.39	74.00	-17.61	6.71	3	Horizontal	199	2.47	-
AV	4.874G	53.34	54.00	-0.66	6.71	3	Horizontal	199	2.47	-
PK	7.31202G	54.16	74.00	-19.84	11.73	3	Horizontal	189	2.47	-
AV	7.31028G	41.64	54.00	-12.36	11.73	3	Horizontal	189	2.47	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

30/11/2018



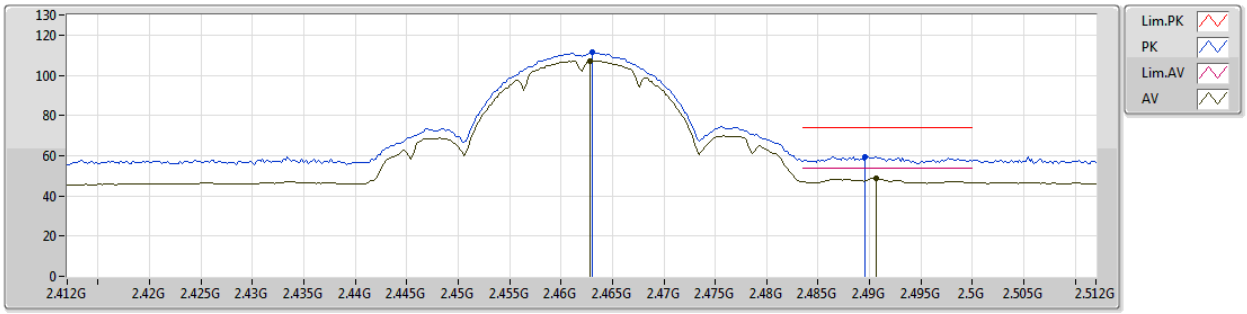
EUT Z_2TX
Setting 1B
04-E-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.463G	106.61	Inf	-Inf	33.30	3	Vertical	43	2.70	-
AV	2.4612G	102.46	Inf	-Inf	33.28	3	Vertical	43	2.70	-
PK	2.4922G	57.48	74.00	-16.52	33.38	3	Vertical	43	2.70	-
AV	2.488G	45.78	54.00	-8.22	33.38	3	Vertical	43	2.70	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

30/11/2018



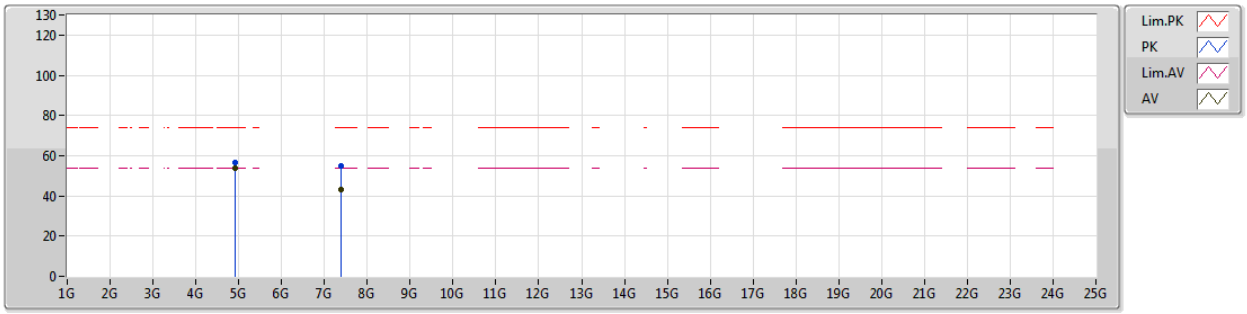
EUT Z_2TX
Setting 1B
04-E-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.463G	111.29	Inf	-Inf	33.30	3	Horizontal	168	2.20	-
AV	2.4628G	107.20	Inf	-Inf	33.30	3	Horizontal	168	2.20	-
PK	2.4896G	59.58	74.00	-14.42	33.38	3	Horizontal	168	2.20	-
AV	2.4906G	48.63	54.00	-5.37	33.38	3	Horizontal	168	2.20	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

30/11/2018



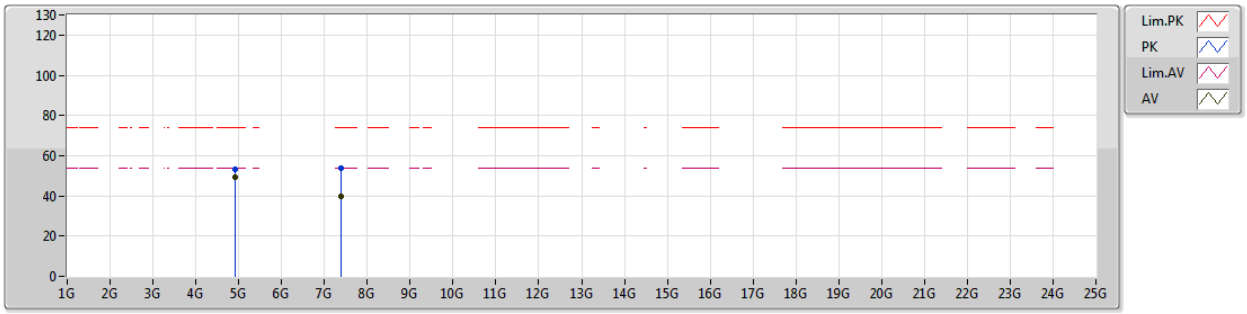
EUT Y_2TX
Setting 1B
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.92402G	56.62	74.00	-17.38	6.83	3	Vertical	151	2.15	-
AV	4.92402G	53.77	54.00	-0.23	6.83	3	Vertical	151	2.15	-
PK	7.38336G	54.96	74.00	-19.04	11.91	3	Vertical	162	2.91	-
AV	7.38528G	43.12	54.00	-10.88	11.91	3	Vertical	162	2.91	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

30/11/2018



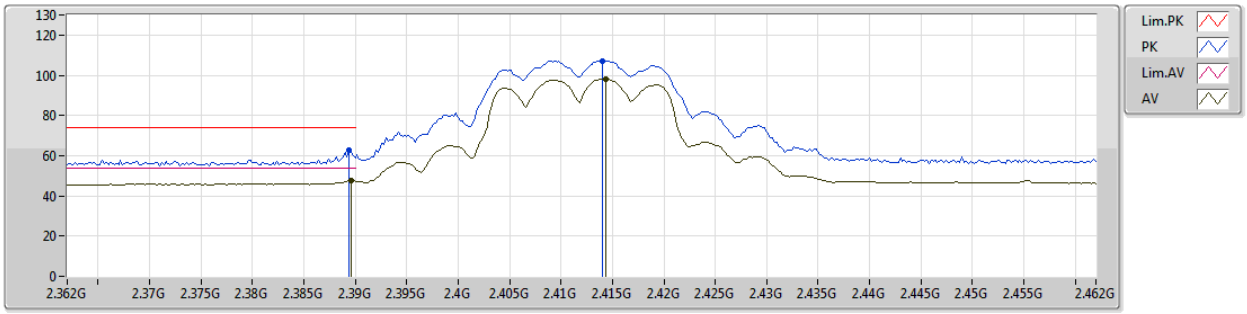
EUT Y_2TX
Setting 1B
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.9241G	53.20	74.00	-20.80	6.83	3	Horizontal	201	1.50	-
AV	4.92404G	49.35	54.00	-4.65	6.83	3	Horizontal	201	1.50	-
PK	7.38846G	53.67	74.00	-20.33	11.93	3	Horizontal	267	1.39	-
AV	7.39986G	39.67	54.00	-14.33	11.95	3	Horizontal	267	1.39	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

30/11/2018



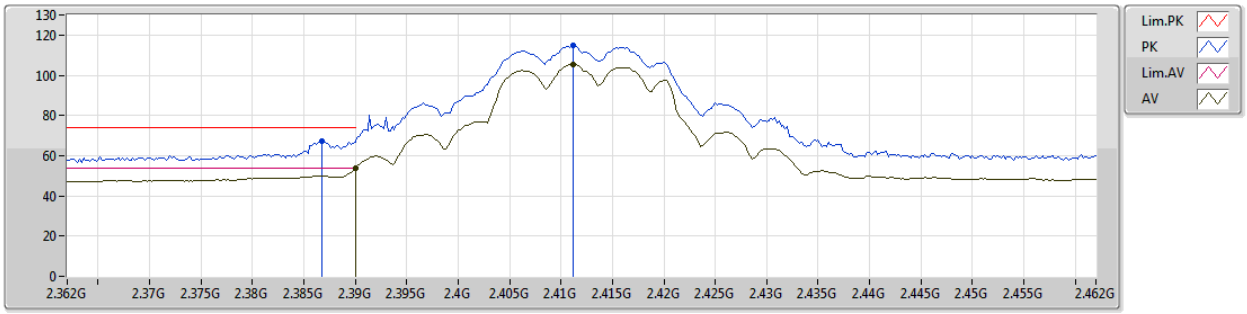
EUT Z_2TX
Setting 18
04-E-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3894G	62.59	74.00	-11.41	33.08	3	Vertical	173	2.47	-
AV	2.3896G	47.50	54.00	-6.50	33.08	3	Vertical	173	2.47	-
PK	2.414G	107.24	Inf	-Inf	33.14	3	Vertical	173	2.47	-
AV	2.4144G	98.26	Inf	-Inf	33.14	3	Vertical	173	2.47	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

30/11/2018



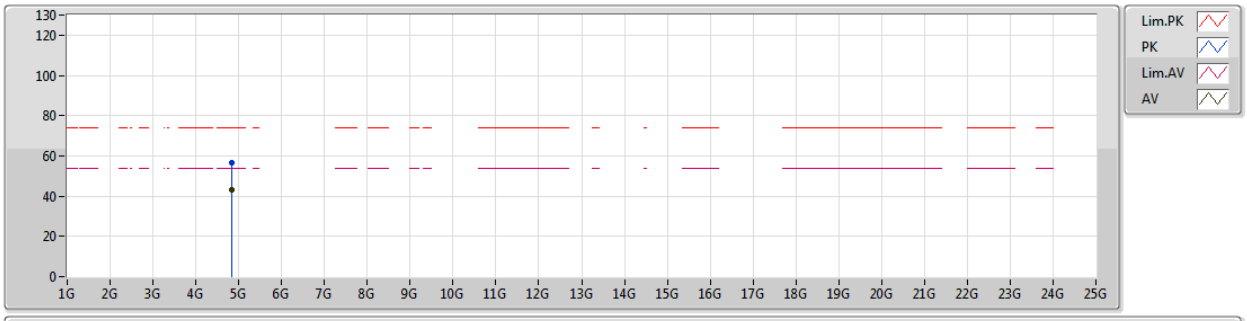
EUT Z_2TX
Setting 18
04-E-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3868G	67.19	74.00	-6.81	33.07	3	Horizontal	5	1.00	-
AV	2.39G	53.97	54.00	-0.03	33.08	3	Horizontal	5	1.00	-
PK	2.4112G	114.86	Inf	-Inf	33.12	3	Horizontal	5	1.00	-
AV	2.4112G	105.25	Inf	-Inf	33.12	3	Horizontal	5	1.00	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

01/12/2018



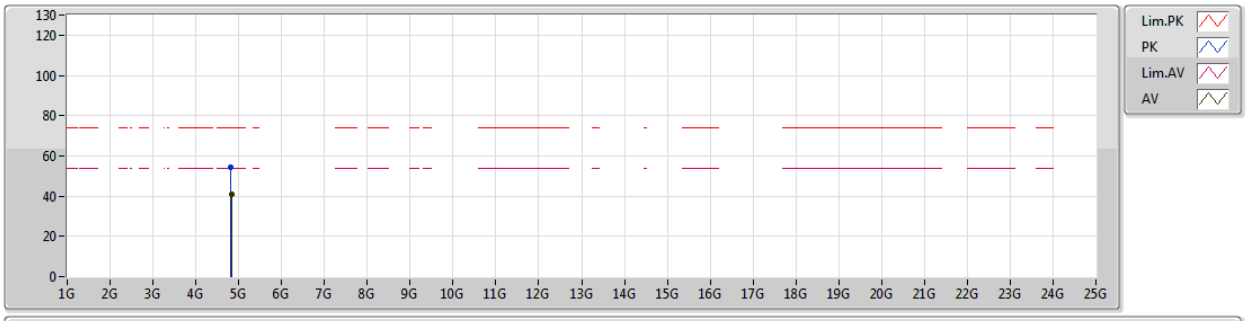
EUT Y_2TX
Setting 18
04-W-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.82576G	56.62	74.00	-17.38	7.17	3	Vertical	147	2.49	-
AV	4.82568G	42.92	54.00	-11.08	7.17	3	Vertical	147	2.49	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

01/12/2018



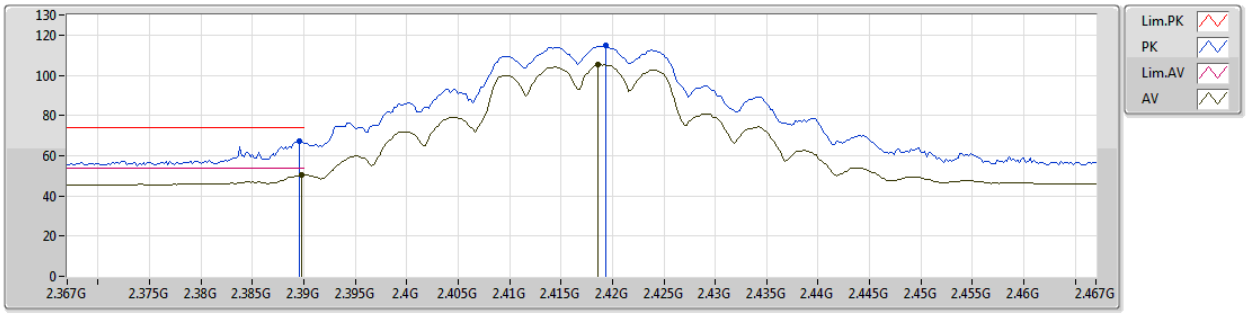
EUT Y_2TX
Setting 18
04-W-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.8204G	54.27	74.00	-19.73	7.14	3	Horizontal	196	1.41	-
AV	4.8258G	40.63	54.00	-13.37	7.17	3	Horizontal	196	1.41	-

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

03/12/2018



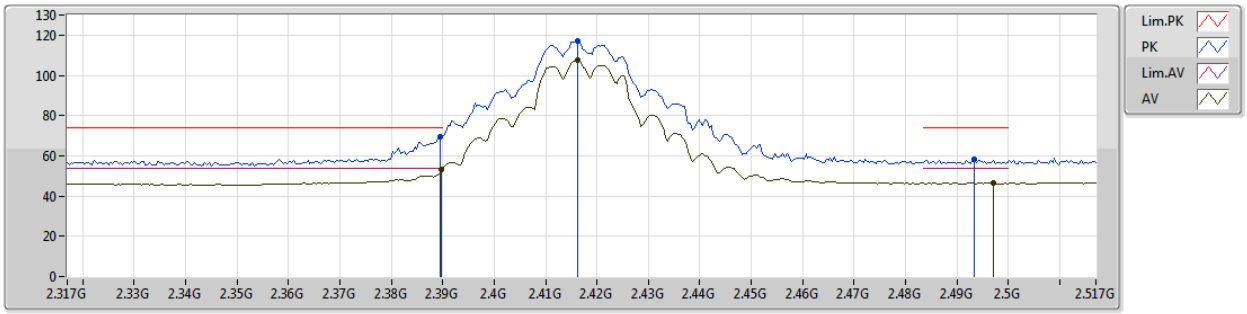
EUT Z_2TX
Setting 1F
04-B-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3896G	67.44	74.00	-6.56	33.08	3	Vertical	0	2.81	-
AV	2.3898G	50.46	54.00	-3.54	33.08	3	Vertical	0	2.81	-
PK	2.4194G	114.84	Inf	-Inf	33.15	3	Vertical	0	2.81	-
AV	2.4186G	105.10	Inf	-Inf	33.15	3	Vertical	0	2.81	-

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

03/12/2018



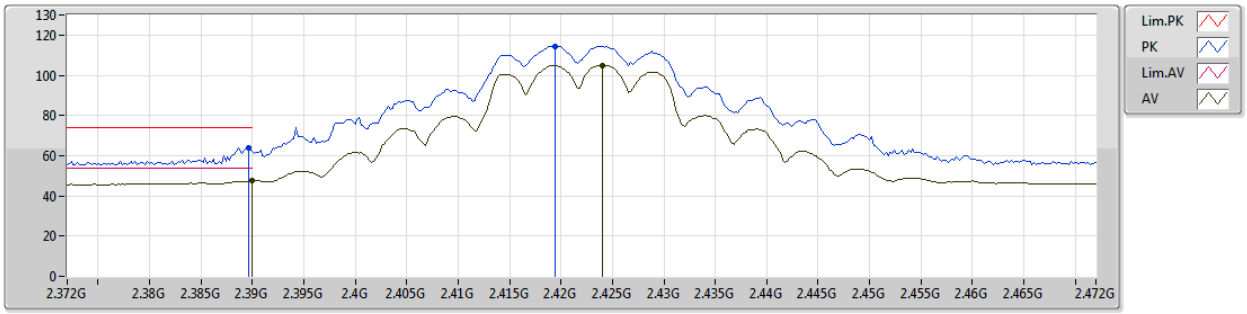
EUT Z_2TX
Setting 1F
04-B-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3894G	69.57	74.00	-4.43	33.08	3	Horizontal	6	2.53	-
AV	2.3898G	53.12	54.00	-0.88	33.08	3	Horizontal	6	2.53	-
PK	2.4162G	117.05	Inf	-Inf	33.14	3	Horizontal	6	2.53	-
AV	2.4162G	107.37	Inf	-Inf	33.14	3	Horizontal	6	2.53	-
PK	2.4934G	58.08	74.00	-15.92	33.39	3	Horizontal	6	2.53	-
AV	2.497G	46.47	54.00	-7.53	33.40	3	Horizontal	6	2.53	-

802.11g_Nss1,(6Mbps)_2TX

2422MHz_TX

03/12/2018



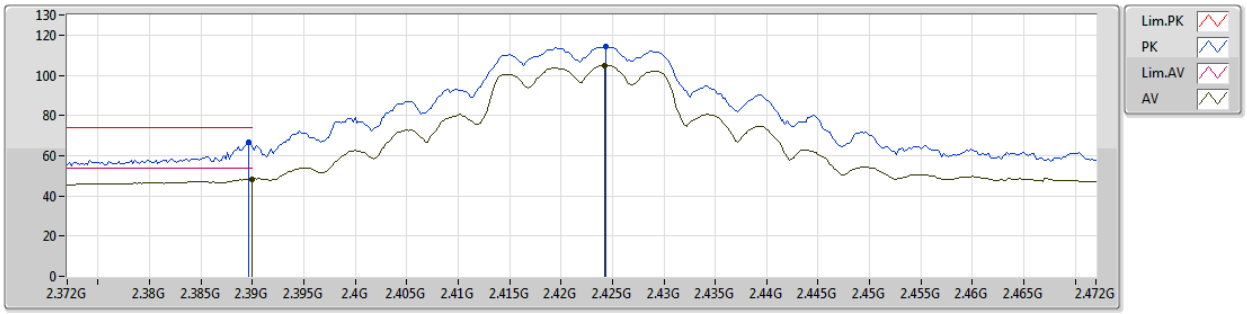
EUT Z_2TX
Setting 23
04-B-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3896G	64.03	74.00	-9.97	33.08	3	Vertical	2	2.82	-
AV	2.39G	47.49	54.00	-6.51	33.08	3	Vertical	2	2.82	-
PK	2.4194G	114.58	Inf	-Inf	33.15	3	Vertical	2	2.82	-
AV	2.424G	105.01	Inf	-Inf	33.17	3	Vertical	2	2.82	-

802.11g_Nss1,(6Mbps)_2TX

2422MHz_TX

03/12/2018



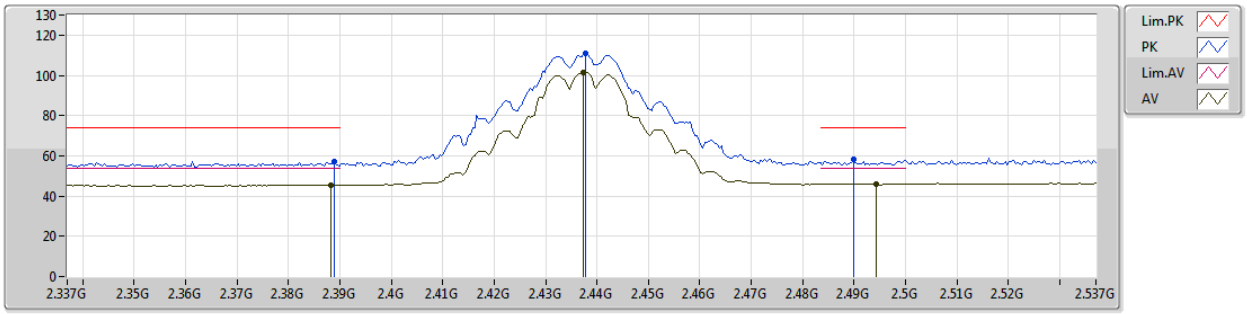
EUT Z_2TX
Setting 23
04-B-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3896G	66.73	74.00	-7.27	33.08	3	Horizontal	244	1.49	-
AV	2.39G	48.42	54.00	-5.58	33.08	3	Horizontal	244	1.49	-
PK	2.4244G	114.17	Inf	-Inf	33.17	3	Horizontal	244	1.49	-
AV	2.4242G	104.92	Inf	-Inf	33.17	3	Horizontal	244	1.49	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

30/11/2018



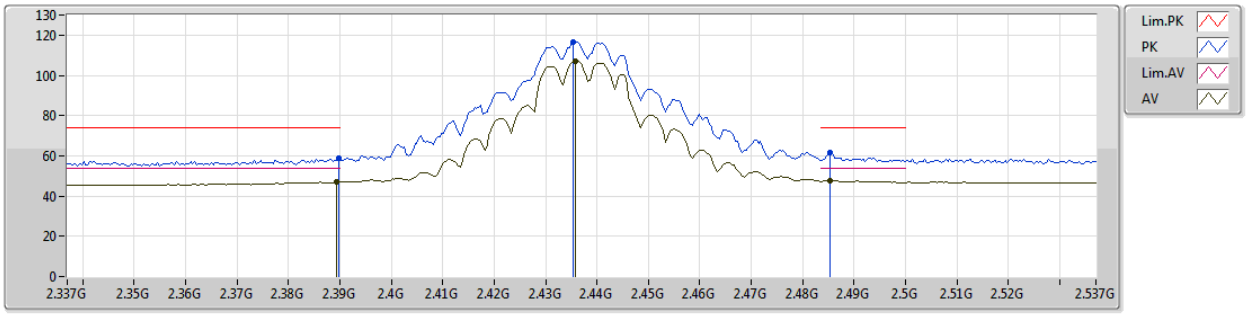
EUT Z_2TX
Setting 23
04-E-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.389G	57.11	74.00	-16.89	33.08	3	Vertical	48	2.99	-
AV	2.3882G	45.61	54.00	-8.39	33.08	3	Vertical	48	2.99	-
PK	2.4378G	111.02	Inf	-Inf	33.22	3	Vertical	48	2.99	-
AV	2.4374G	101.59	Inf	-Inf	33.20	3	Vertical	48	2.99	-
PK	2.4898G	58.46	74.00	-15.54	33.38	3	Vertical	48	2.99	-
AV	2.4942G	45.96	54.00	-8.04	33.39	3	Vertical	48	2.99	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

30/11/2018



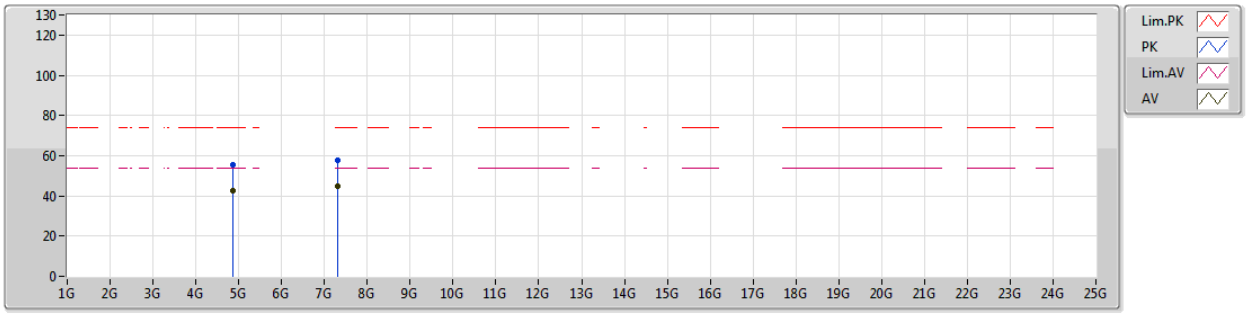
EUT Z_2TX
Setting 23
04-E-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3898G	58.88	74.00	-15.12	33.08	3	Horizontal	185	1.37	-
AV	2.3894G	47.02	54.00	-6.98	33.08	3	Horizontal	185	1.37	-
PK	2.4354G	116.59	Inf	-Inf	33.20	3	Horizontal	185	1.37	-
AV	2.4358G	107.24	Inf	-Inf	33.20	3	Horizontal	185	1.37	-
PK	2.4854G	61.86	74.00	-12.14	33.36	3	Horizontal	185	1.37	-
AV	2.4854G	47.88	54.00	-6.12	33.36	3	Horizontal	185	1.37	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

30/11/2018



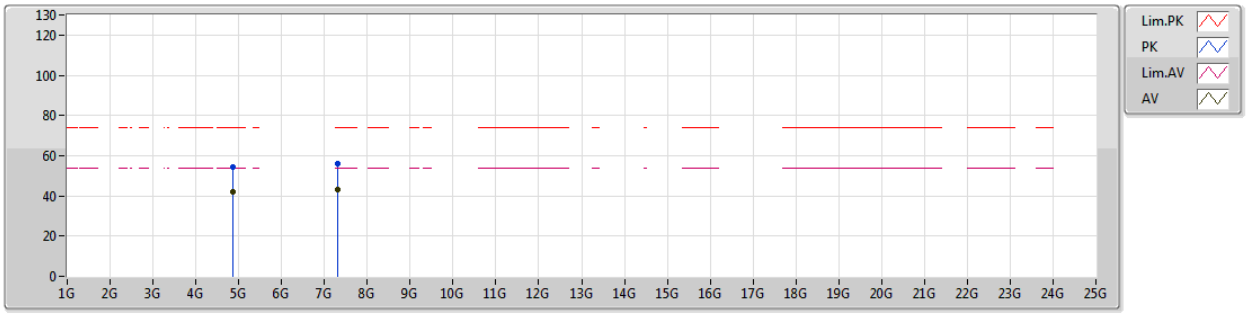
EUT Y_2TX
Setting 23
04-E-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.8758G	55.26	74.00	-18.74	7.38	3	Vertical	184	1.50	-
AV	4.8755G	42.41	54.00	-11.59	7.38	3	Vertical	184	1.50	-
PK	7.3114G	57.61	74.00	-16.39	12.51	3	Vertical	140	2.72	-
AV	7.3105G	44.66	54.00	-9.34	12.51	3	Vertical	140	2.72	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

30/11/2018



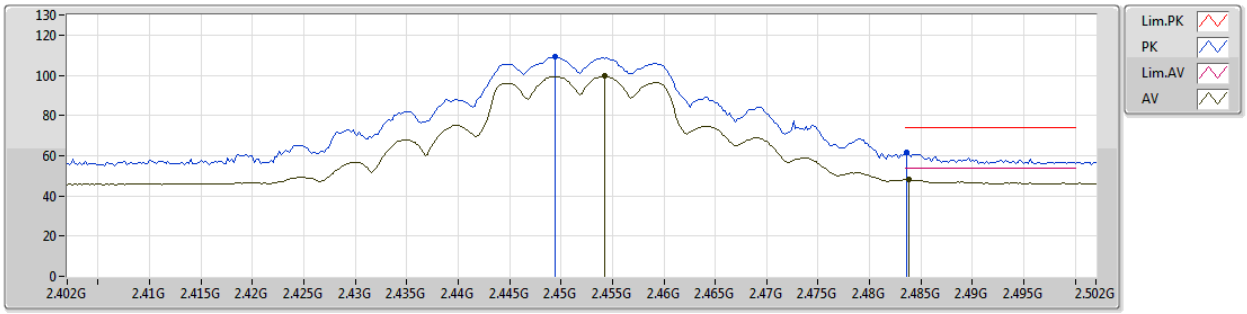
EUT Y_2TX
Setting 23
04-E-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.8754G	54.49	74.00	-19.51	7.38	3	Horizontal	217	1.70	-
AV	4.8756G	41.86	54.00	-12.14	7.38	3	Horizontal	217	1.70	-
PK	7.3097G	55.87	74.00	-18.13	12.50	3	Horizontal	207	1.50	-
AV	7.3135G	43.26	54.00	-10.74	12.51	3	Horizontal	207	1.50	-

802.11g_Nss1,(6Mbps)_2TX

2452MHz_TX

03/12/2018



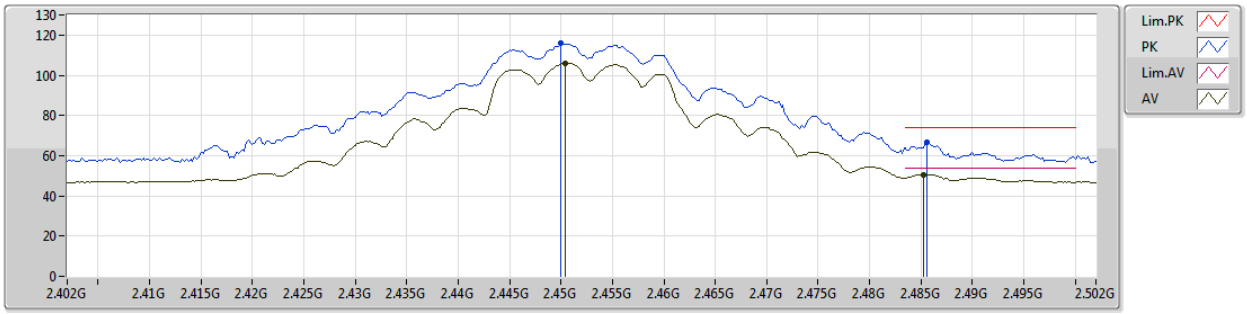
EUT Z_2TX
Setting 23
04-B-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.4494G	109.13	Inf	-Inf	33.25	3	Vertical	159	2.99	-
AV	2.4542G	99.52	Inf	-Inf	33.27	3	Vertical	159	2.99	-
PK	2.4836G	61.64	74.00	-12.36	33.36	3	Vertical	159	2.99	-
AV	2.4838G	48.06	54.00	-5.94	33.36	3	Vertical	159	2.99	-

802.11g_Nss1,(6Mbps)_2TX

2452MHz_TX

03/12/2018



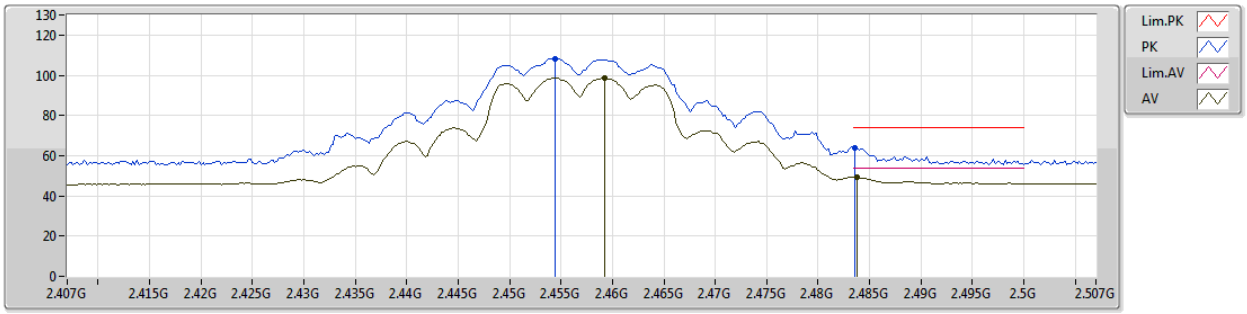
EUT Z_2TX
Setting 23
04-B-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.45G	115.86	Inf	-Inf	33.25	3	Horizontal	290	2.73	-
AV	2.4504G	105.82	Inf	-Inf	33.25	3	Horizontal	290	2.73	-
PK	2.4856G	66.57	74.00	-7.43	33.36	3	Horizontal	290	2.73	-
AV	2.4852G	50.67	54.00	-3.33	33.36	3	Horizontal	290	2.73	-

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

03/12/2018



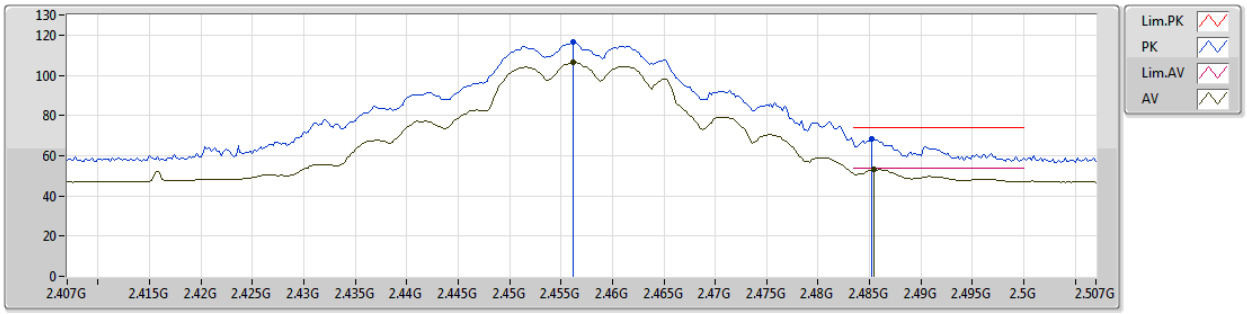
EUT Z_2TX
Setting 1E
04-B-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.4544G	108.37	Inf	-Inf	33.27	3	Vertical	159	2.99	-
AV	2.4592G	98.73	Inf	-Inf	33.28	3	Vertical	159	2.99	-
PK	2.4836G	63.72	74.00	-10.28	33.36	3	Vertical	159	2.99	-
AV	2.4838G	49.21	54.00	-4.79	33.36	3	Vertical	159	2.99	-

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

03/12/2018



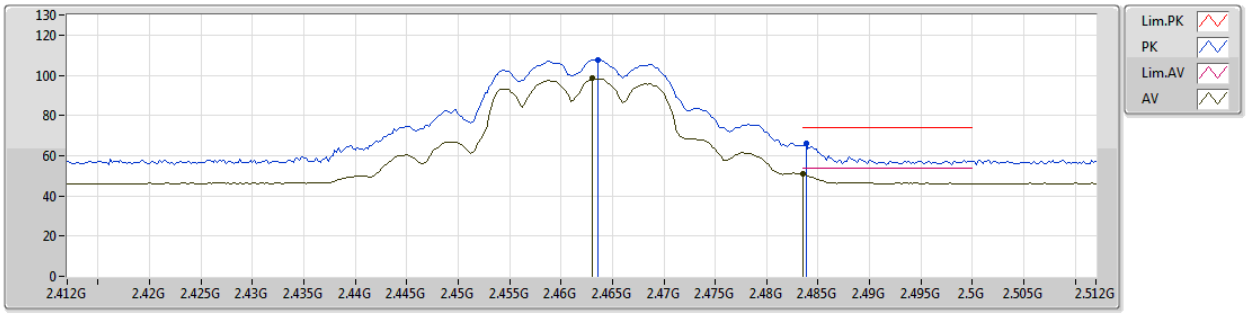
EUT Z_2TX
Setting 1E
04-B-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.4562G	116.44	Inf	-Inf	33.27	3	Horizontal	2	2.72	-
AV	2.4562G	106.45	Inf	-Inf	33.27	3	Horizontal	2	2.72	-
PK	2.4852G	68.13	74.00	-5.87	33.36	3	Horizontal	2	2.72	-
AV	2.4854G	53.08	54.00	-0.92	33.36	3	Horizontal	2	2.72	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

30/11/2018



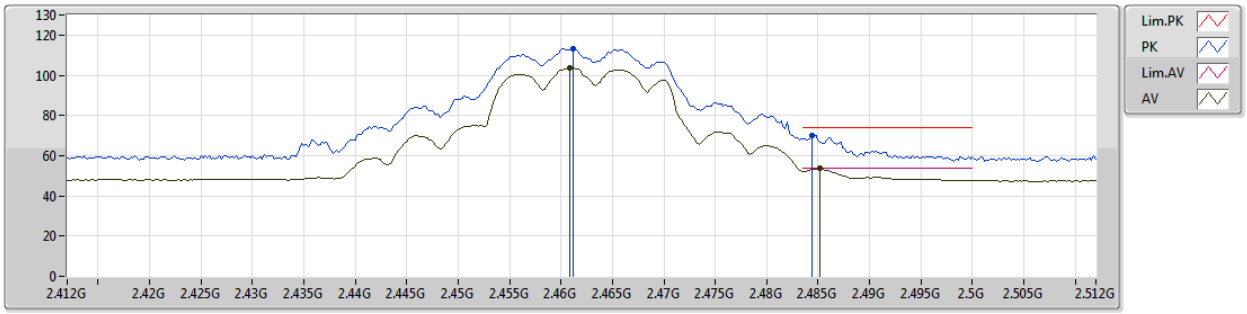
EUT Z_2TX
Setting 19
04-E-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.4636G	107.77	Inf	-Inf	33.30	3	Vertical	194	2.06	-
AV	2.463G	98.37	Inf	-Inf	33.30	3	Vertical	194	2.06	-
PK	2.4838G	66.04	74.00	-7.96	33.36	3	Vertical	194	2.06	-
AV	2.4835G	50.98	54.00	-3.02	33.36	3	Vertical	194	2.06	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

30/11/2018



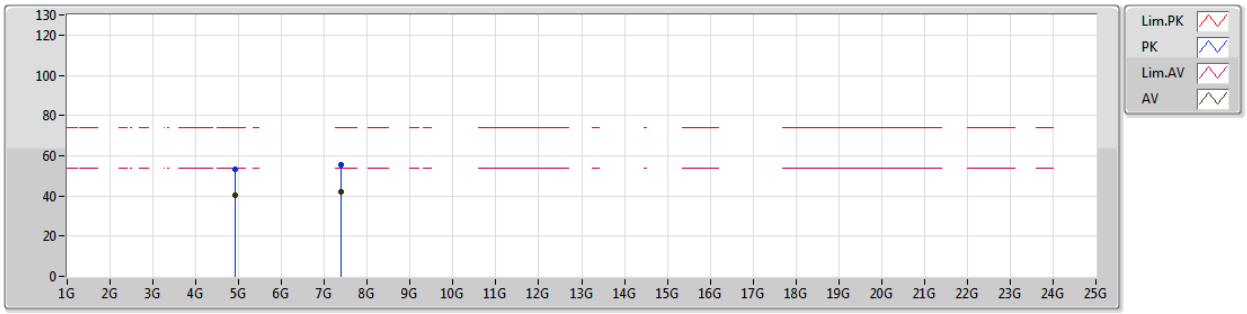
EUT Z_2TX
Setting 19
04-E-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.4612G	113.34	Inf	-Inf	33.28	3	Horizontal	191	1.01	-
AV	2.4608G	103.84	Inf	-Inf	33.28	3	Horizontal	191	1.01	-
PK	2.4844G	70.02	74.00	-3.98	33.36	3	Horizontal	191	1.01	-
AV	2.4852G	53.60	54.00	-0.40	33.36	3	Horizontal	191	1.01	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

01/12/2018



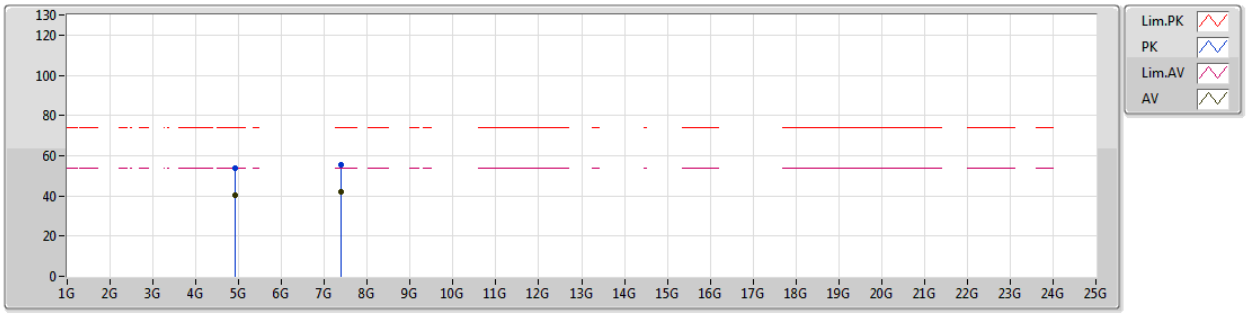
EUT Y_2TX
Setting 19
04-W-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.9204G	53.36	74.00	-20.64	7.56	3	Vertical	233	1.50	-
AV	4.9256G	40.27	54.00	-13.73	7.58	3	Vertical	233	1.50	-
PK	7.38092G	55.20	74.00	-18.80	12.50	3	Vertical	235	1.45	-
AV	7.38556G	42.05	54.00	-11.95	12.50	3	Vertical	235	1.45	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

01/12/2018



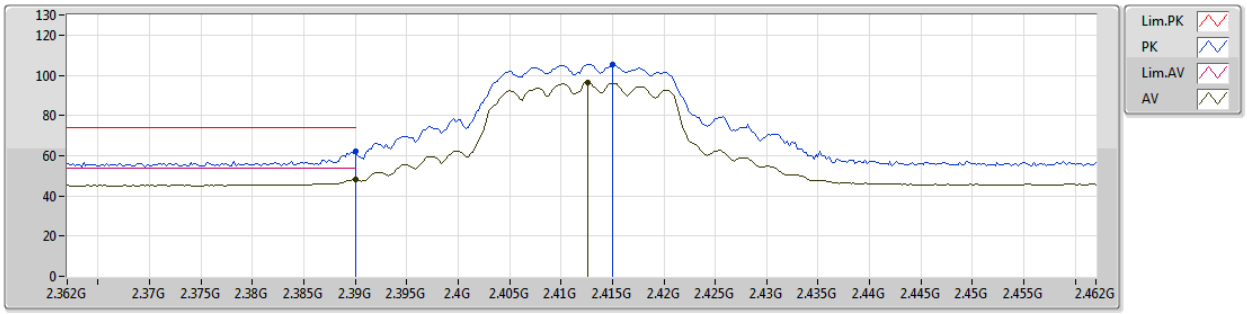
EUT Y_2TX
Setting 19
04-W-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.9262G	53.75	74.00	-20.25	7.58	3	Horizontal	203	1.50	-
AV	4.92616G	40.35	54.00	-13.65	7.58	3	Horizontal	203	1.50	-
PK	7.37756G	55.37	74.00	-18.63	12.50	3	Horizontal	200	1.50	-
AV	7.38572G	41.96	54.00	-12.04	12.50	3	Horizontal	200	1.50	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

30/11/2018



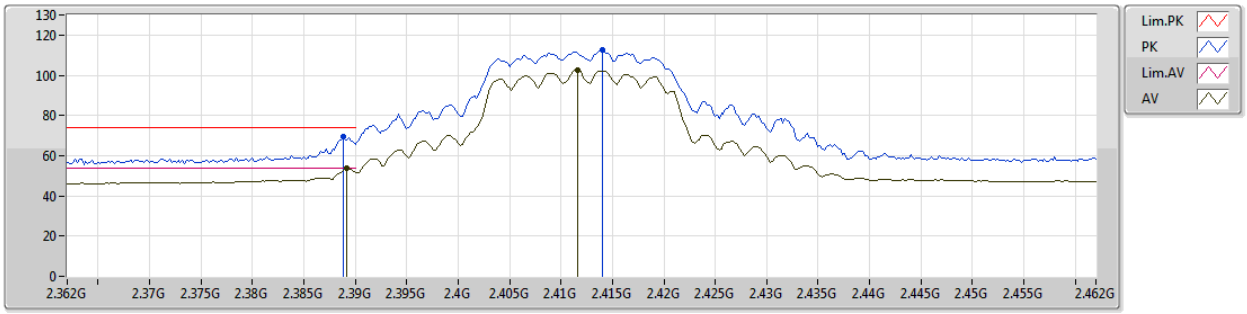
EUT Z_2TX
Setting 16
04-E-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.39G	62.03	74.00	-11.97	33.08	3	Vertical	36	2.52	-
AV	2.39G	48.21	54.00	-5.79	33.08	3	Vertical	36	2.52	-
PK	2.415G	105.41	Inf	-Inf	33.14	3	Vertical	36	2.52	-
AV	2.4126G	96.51	Inf	-Inf	33.14	3	Vertical	36	2.52	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

30/11/2018



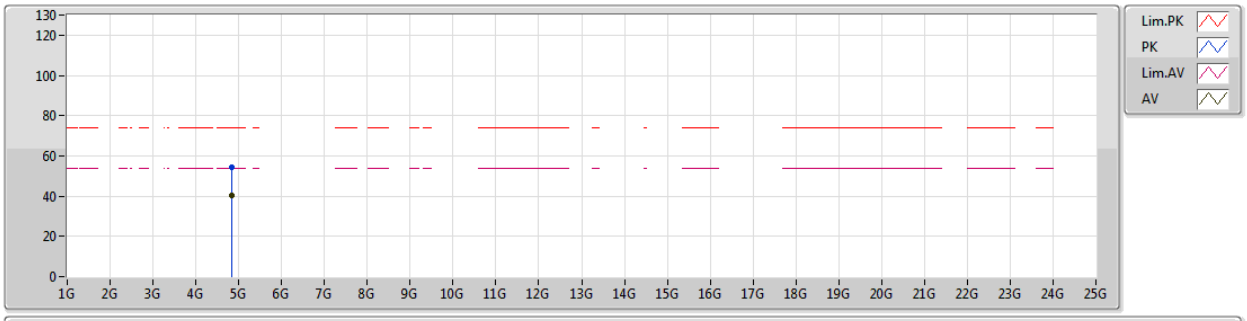
EUT Z_2TX
Setting 16
04-E-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3888G	69.70	74.00	-4.30	33.08	3	Horizontal	189	1.02	-
AV	2.3892G	53.67	54.00	-0.33	33.08	3	Horizontal	189	1.02	-
PK	2.414G	112.72	Inf	-Inf	33.14	3	Horizontal	189	1.02	-
AV	2.4116G	102.45	Inf	-Inf	33.12	3	Horizontal	189	1.02	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

01/12/2018



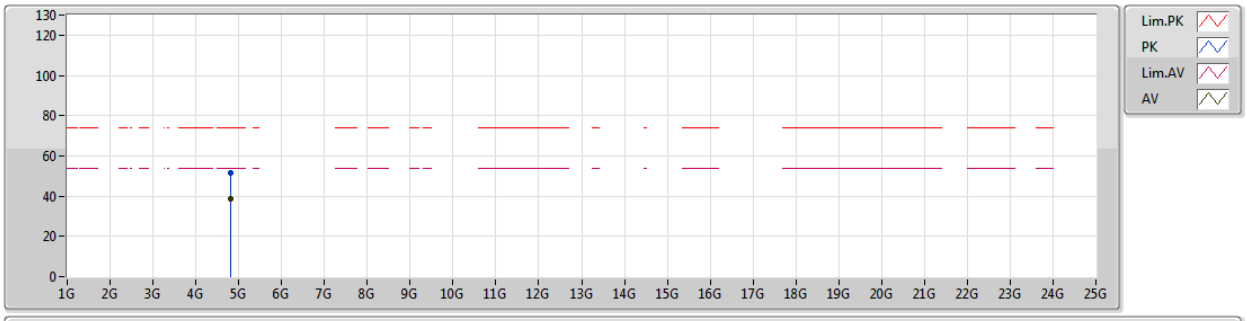
EUT Y_2TX
Setting 16
04-W-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.82476G	54.49	74.00	-19.51	7.16	3	Vertical	148	2.50	-
AV	4.82732G	40.22	54.00	-13.78	7.17	3	Vertical	148	2.50	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

01/12/2018



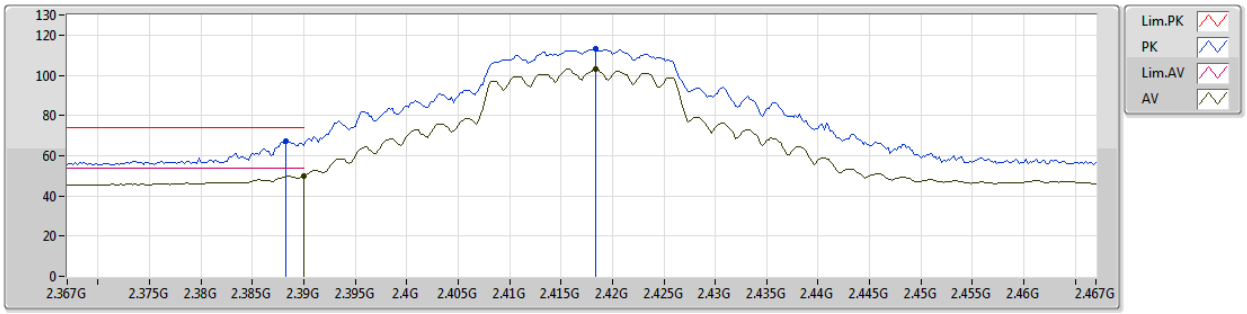
EUT Y_2TX
Setting 16
04-W-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.82264G	51.82	74.00	-22.18	7.15	3	Horizontal	199	1.43	-
AV	4.8222G	38.47	54.00	-15.53	7.15	3	Horizontal	199	1.43	-

802.11n HT20_Nss1,(MCS0)_2TX

2417MHz_TX

03/12/2018



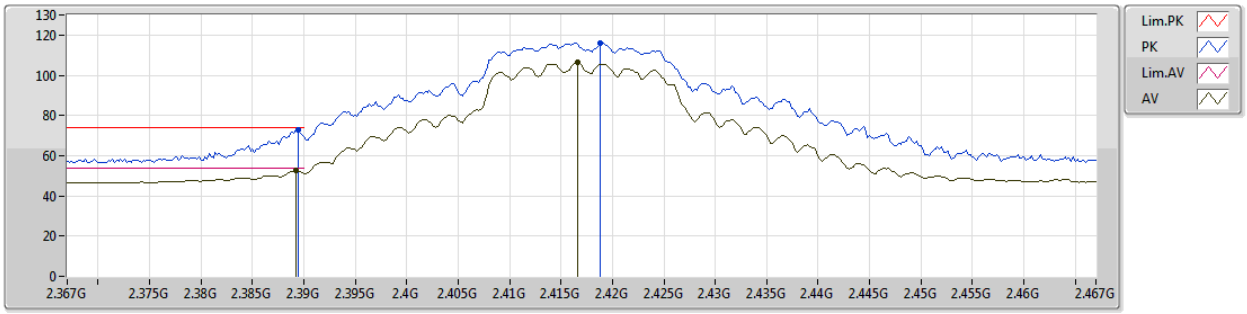
EUT Z_2TX
Setting 1E
04-B-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3882G	67.13	74.00	-6.87	33.08	3	Vertical	349	2.82	-
AV	2.39G	50.00	54.00	-4.00	33.08	3	Vertical	349	2.82	-
PK	2.4184G	112.95	Inf	-Inf	33.15	3	Vertical	349	2.82	-
AV	2.4184G	103.18	Inf	-Inf	33.15	3	Vertical	349	2.82	-

802.11n HT20_Nss1,(MCS0)_2TX

2417MHz_TX

03/12/2018



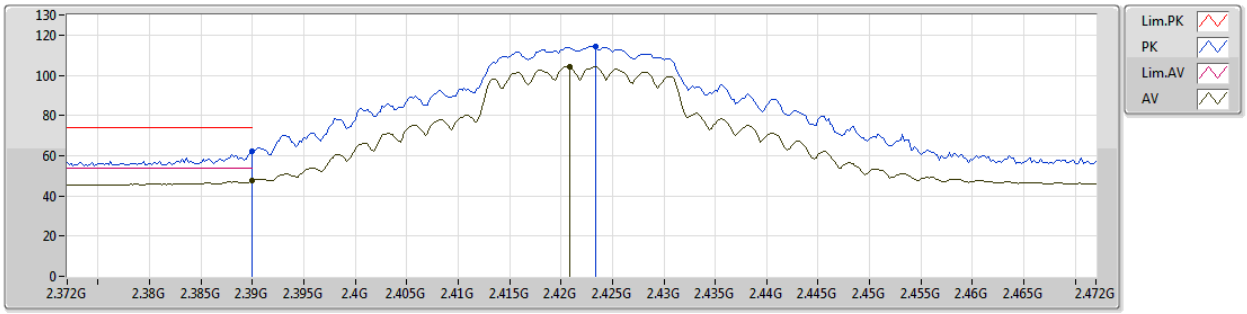
EUT Z_2TX
Setting 1E
04-B-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3894G	73.12	74.00	-0.88	33.08	3	Horizontal	4	2.53	-
AV	2.3892G	52.54	54.00	-1.46	33.08	3	Horizontal	4	2.53	-
PK	2.4188G	116.02	Inf	-Inf	33.15	3	Horizontal	4	2.53	-
AV	2.4166G	106.25	Inf	-Inf	33.14	3	Horizontal	4	2.53	-

802.11n HT20_Nss1,(MCS0)_2TX

2422MHz_TX

03/12/2018



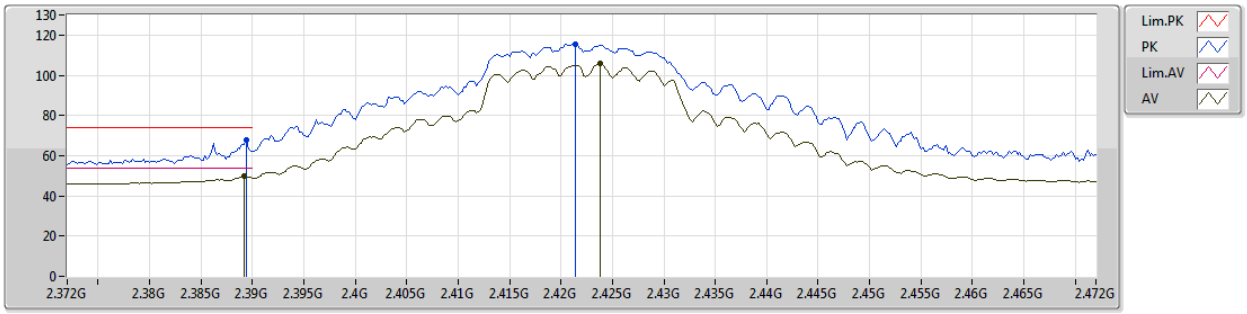
EUT Z_2TX
Setting 23
04-B-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.39G	62.10	74.00	-11.90	33.08	3	Vertical	0	2.80	-
AV	2.39G	47.75	54.00	-6.25	33.08	3	Vertical	0	2.80	-
PK	2.4234G	114.44	Inf	-Inf	33.17	3	Vertical	0	2.80	-
AV	2.4208G	104.50	Inf	-Inf	33.15	3	Vertical	0	2.80	-

802.11n HT20_Nss1,(MCS0)_2TX

2422MHz_TX

03/12/2018



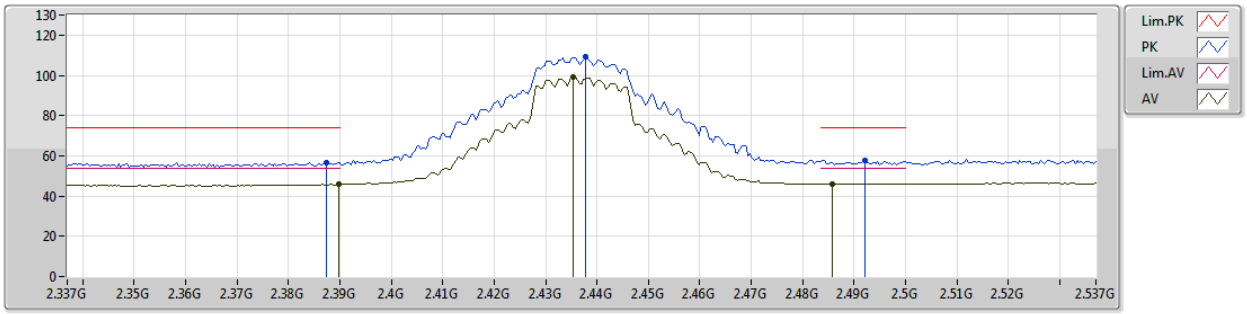
EUT Z_2TX
Setting 23
04-B-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3894G	67.77	74.00	-6.23	33.08	3	Horizontal	279	2.23	-
AV	2.3892G	49.67	54.00	-4.33	33.08	3	Horizontal	279	2.23	-
PK	2.4214G	115.26	Inf	-Inf	33.16	3	Horizontal	279	2.23	-
AV	2.4238G	105.86	Inf	-Inf	33.17	3	Horizontal	279	2.23	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

30/11/2018



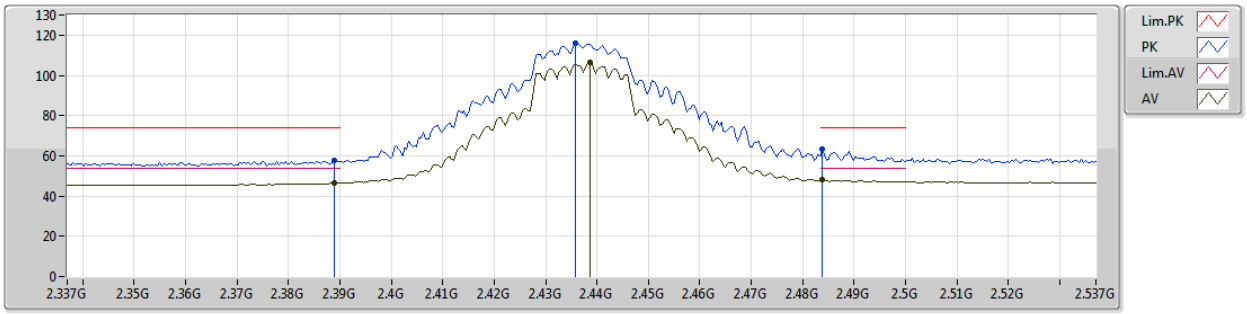
EUT Z_2TX
Setting 23
04-E-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3874G	56.82	74.00	-17.18	33.07	3	Vertical	19	2.77	-
AV	2.3898G	45.91	54.00	-8.09	33.08	3	Vertical	19	2.77	-
PK	2.4378G	109.01	Inf	-Inf	33.22	3	Vertical	19	2.77	-
AV	2.4354G	99.32	Inf	-Inf	33.20	3	Vertical	19	2.77	-
PK	2.4922G	57.80	74.00	-16.20	33.38	3	Vertical	19	2.77	-
AV	2.4858G	46.13	54.00	-7.87	33.36	3	Vertical	19	2.77	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

30/11/2018



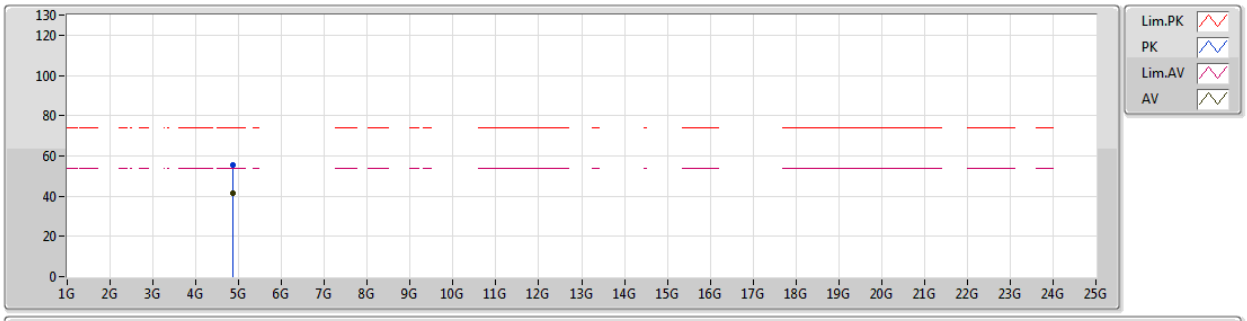
EUT Z_2TX
Setting 23
04-E-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.389G	57.83	74.00	-16.17	33.08	3	Horizontal	59	2.73	-
AV	2.389G	46.30	54.00	-7.70	33.08	3	Horizontal	59	2.73	-
PK	2.4358G	115.82	Inf	-Inf	33.20	3	Horizontal	59	2.73	-
AV	2.4386G	106.38	Inf	-Inf	33.22	3	Horizontal	59	2.73	-
PK	2.4838G	63.37	74.00	-10.63	33.36	3	Horizontal	59	2.73	-
AV	2.4838G	48.02	54.00	-5.98	33.36	3	Horizontal	59	2.73	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

01/12/2018



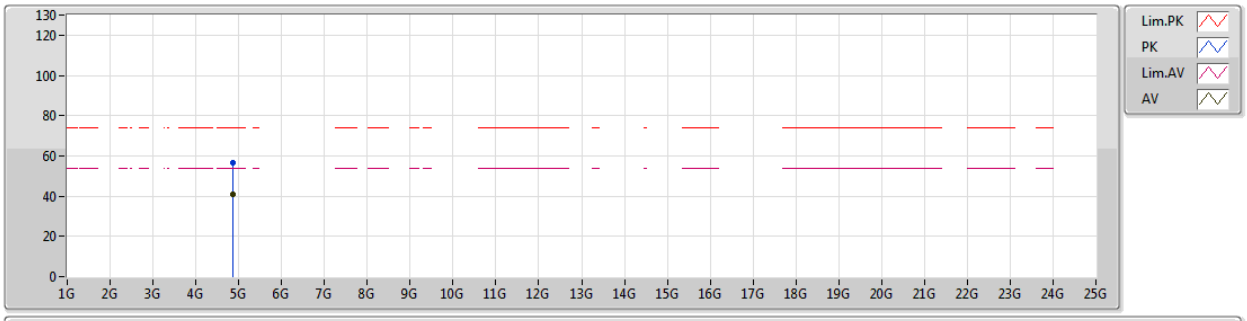
EUT Y_2TX
Setting 23
04-W-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.87484G	55.36	74.00	-18.64	7.37	3	Vertical	235	1.50	-
AV	4.87218G	41.21	54.00	-12.79	7.37	3	Vertical	235	1.50	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

01/12/2018



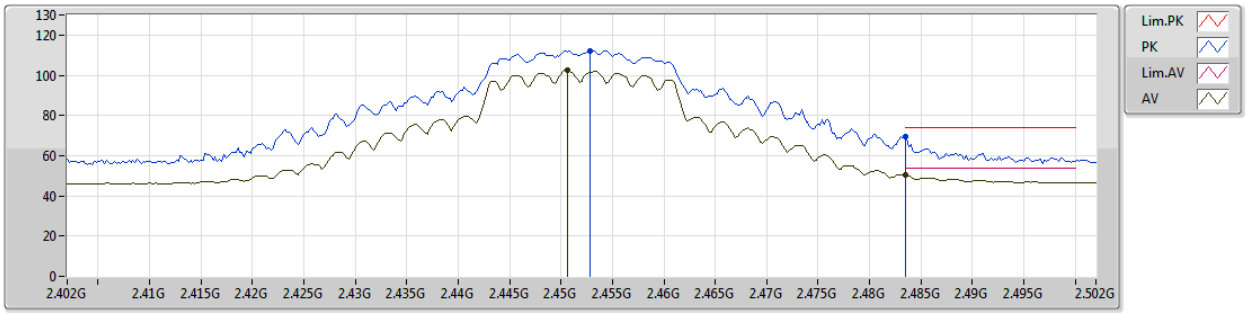
EUT Y_2TX
Setting 23
04-W-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.87464G	56.59	74.00	-17.41	7.37	3	Horizontal	194	1.50	-
AV	4.87478G	41.03	54.00	-12.97	7.37	3	Horizontal	194	1.50	-

802.11n HT20_Nss1,(MCS0)_2TX

2452MHz_TX

03/12/2018



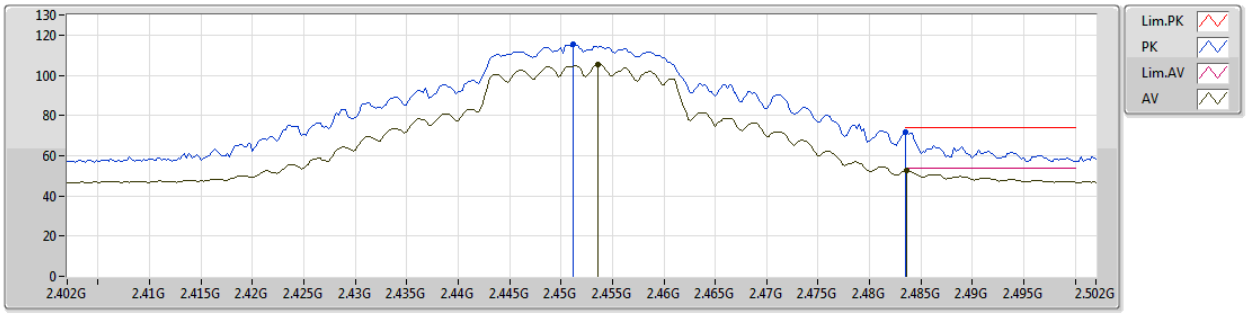
EUT Z_2TX
Setting 23
04-B-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.4528G	112.15	Inf	-Inf	33.26	3	Vertical	1	2.73	-
AV	2.4506G	102.74	Inf	-Inf	33.25	3	Vertical	1	2.73	-
PK	2.4835G	69.23	74.00	-4.77	33.36	3	Vertical	1	2.73	-
AV	2.4835G	50.37	54.00	-3.63	33.36	3	Vertical	1	2.73	-

802.11n HT20_Nss1,(MCS0)_2TX

2452MHz_TX

03/12/2018



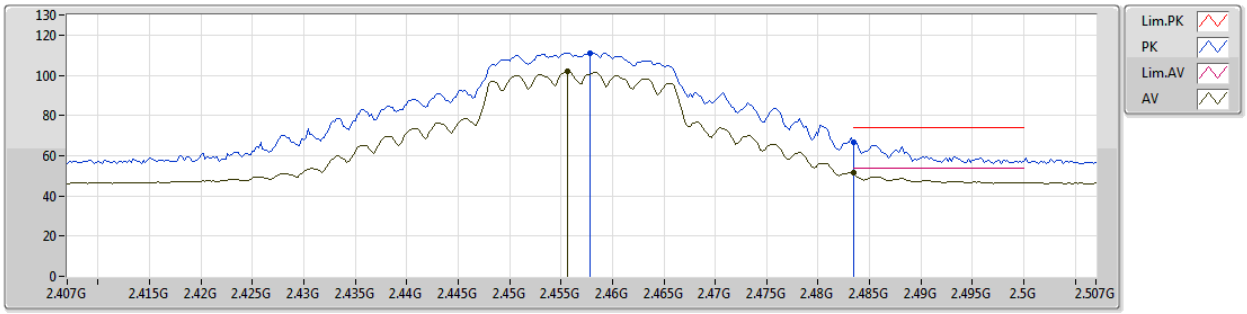
EUT Z_2TX
Setting 23
04-B-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.4512G	115.64	Inf	-Inf	33.25	3	Horizontal	295	2.73	-
AV	2.4536G	105.47	Inf	-Inf	33.26	3	Horizontal	295	2.73	-
PK	2.4835G	71.78	74.00	-2.22	33.36	3	Horizontal	295	2.73	-
AV	2.4836G	52.49	54.00	-1.51	33.36	3	Horizontal	295	2.73	-

802.11n HT20_Nss1,(MCS0)_2TX

2457MHz_TX

03/12/2018



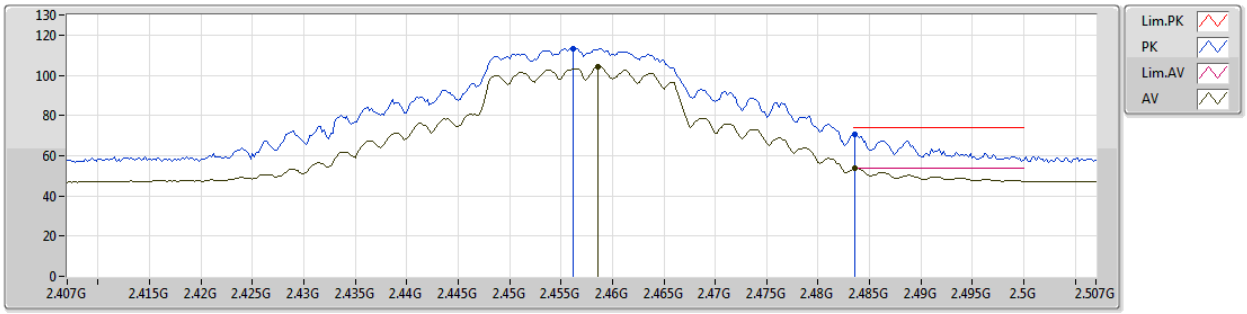
EUT Z_2TX
Setting 1E
04-B-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.4578G	111.18	Inf	-Inf	33.28	3	Vertical	1	2.76	-
AV	2.4556G	101.90	Inf	-Inf	33.27	3	Vertical	1	2.76	-
PK	2.4835G	66.96	74.00	-7.04	33.36	3	Vertical	1	2.76	-
AV	2.4835G	51.30	54.00	-2.70	33.36	3	Vertical	1	2.76	-

802.11n HT20_Nss1,(MCS0)_2TX

2457MHz_TX

03/12/2018



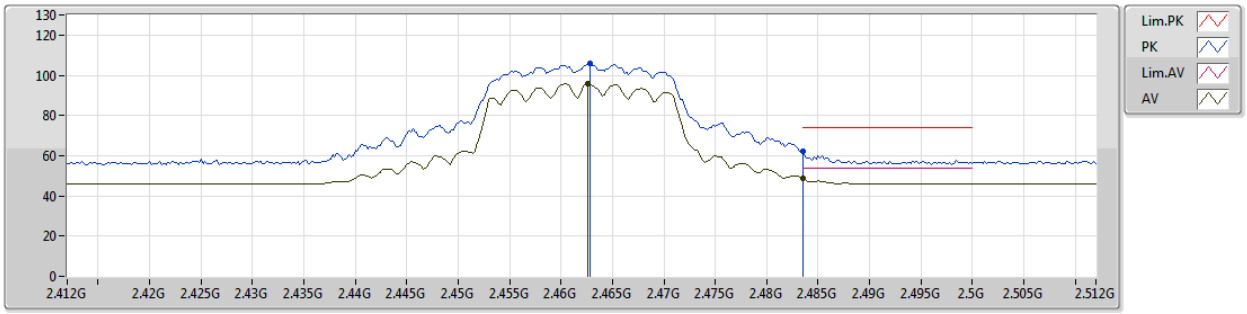
EUT Z_2TX
Setting 1E
04-B-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.4562G	113.36	Inf	-Inf	33.27	3	Horizontal	291	2.43	-
AV	2.4586G	104.12	Inf	-Inf	33.28	3	Horizontal	291	2.43	-
PK	2.4836G	70.33	74.00	-3.67	33.36	3	Horizontal	291	2.43	-
AV	2.4836G	53.74	54.00	-0.26	33.36	3	Horizontal	291	2.43	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

30/11/2018



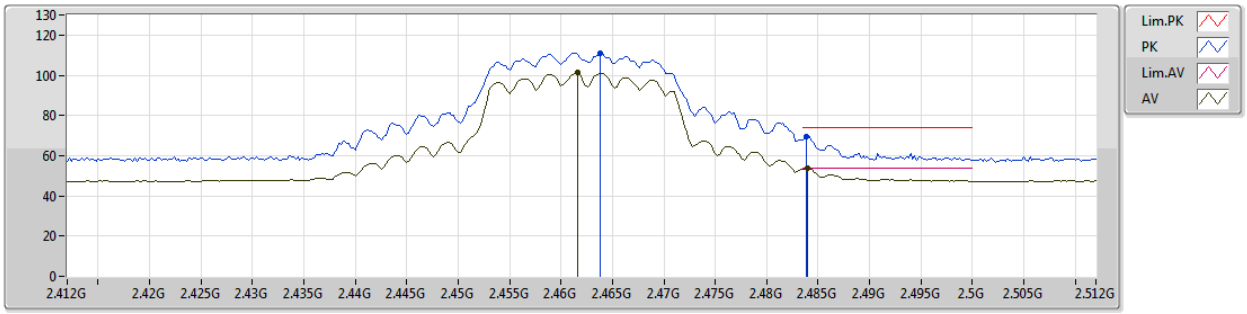
EUT Z_2TX
Setting 15
04-E-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.4628G	105.69	Inf	-Inf	33.30	3	Vertical	192	2.05	-
AV	2.4626G	95.72	Inf	-Inf	33.30	3	Vertical	192	2.05	-
PK	2.4835G	61.99	74.00	-12.01	33.36	3	Vertical	192	2.05	-
AV	2.4835G	48.89	54.00	-5.11	33.36	3	Vertical	192	2.05	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

30/11/2018



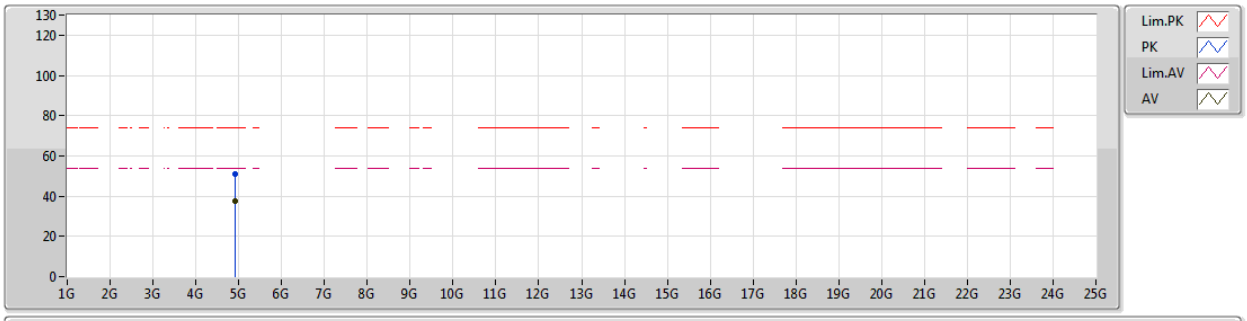
EUT Z_2TX
Setting 15
04-E-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.4638G	111.16	Inf	-Inf	33.30	3	Horizontal	187	1.13	-
AV	2.4616G	101.28	Inf	-Inf	33.28	3	Horizontal	187	1.13	-
PK	2.4838G	69.68	74.00	-4.32	33.36	3	Horizontal	187	1.13	-
AV	2.484G	53.81	54.00	-0.19	33.36	3	Horizontal	187	1.13	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

01/12/2018



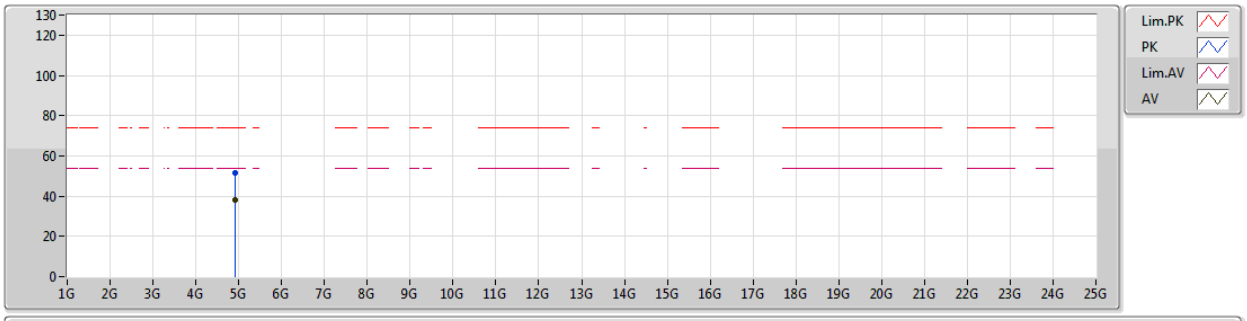
EUT Y_2TX
Setting 15
04-W-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.92446G	51.26	74.00	-22.74	7.58	3	Vertical	150	1.50	-
AV	4.92466G	37.49	54.00	-16.51	7.58	3	Vertical	150	1.50	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

01/12/2018



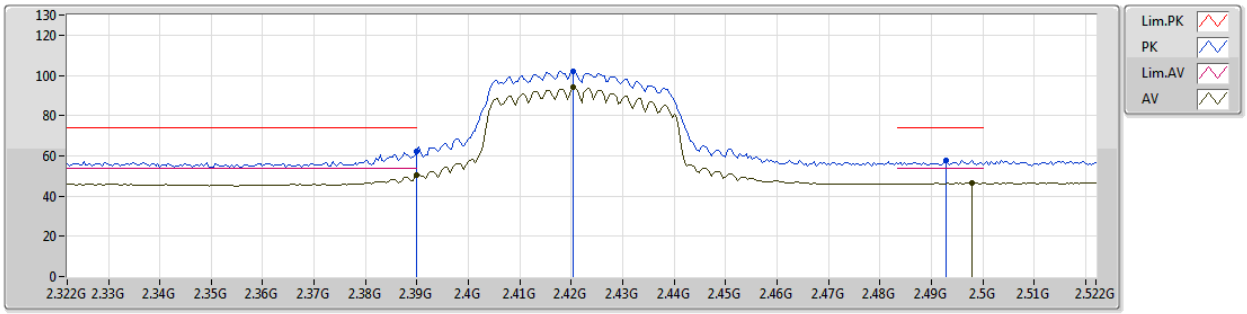
EUT Y_2TX
Setting 15
04-W-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.92206G	51.58	74.00	-22.42	7.56	3	Horizontal	195	1.50	-
AV	4.92482G	37.93	54.00	-16.07	7.58	3	Horizontal	195	1.50	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

30/11/2018



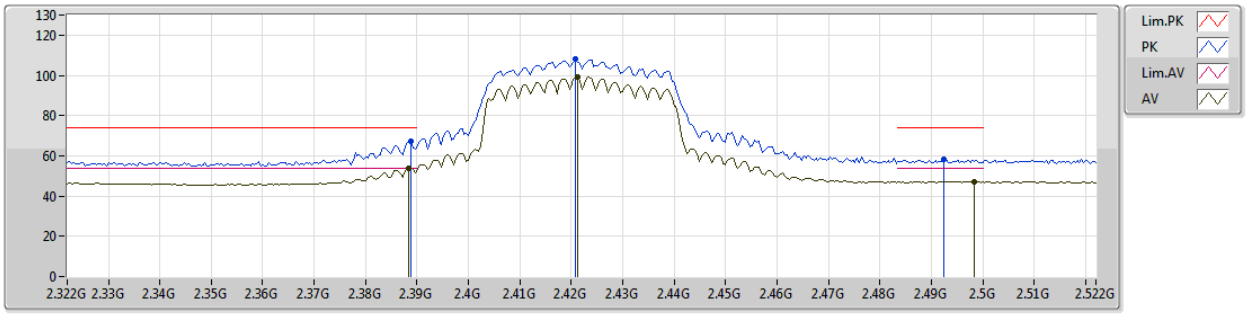
EUT Z_2TX
Setting 12
04-E-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.39G	62.38	74.00	-11.62	33.08	3	Vertical	20	2.48	-
AV	2.39G	50.64	54.00	-3.36	33.08	3	Vertical	20	2.48	-
PK	2.4204G	102.10	Inf	-Inf	33.15	3	Vertical	20	2.48	-
AV	2.4204G	93.89	Inf	-Inf	33.15	3	Vertical	20	2.48	-
PK	2.4928G	57.76	74.00	-16.24	33.39	3	Vertical	20	2.48	-
AV	2.498G	46.57	54.00	-7.43	33.41	3	Vertical	20	2.48	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

30/11/2018



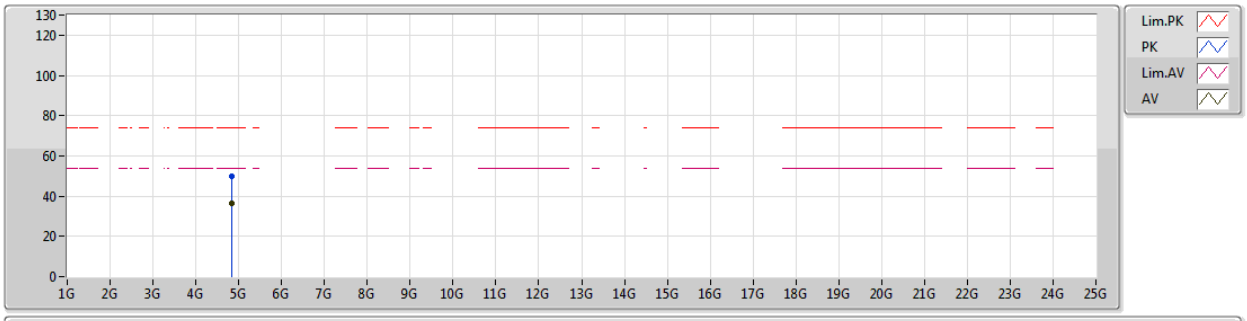
EUT Z_2TX
Setting 12
04-E-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3888G	67.29	74.00	-6.71	33.08	3	Horizontal	48	2.75	-
AV	2.3884G	53.92	54.00	-0.08	33.08	3	Horizontal	48	2.75	-
PK	2.4208G	107.96	Inf	-Inf	33.15	3	Horizontal	48	2.75	-
AV	2.4212G	99.39	Inf	-Inf	33.16	3	Horizontal	48	2.75	-
PK	2.4924G	58.49	74.00	-15.51	33.38	3	Horizontal	48	2.75	-
AV	2.4984G	47.14	54.00	-6.86	33.41	3	Horizontal	48	2.75	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

01/12/2018



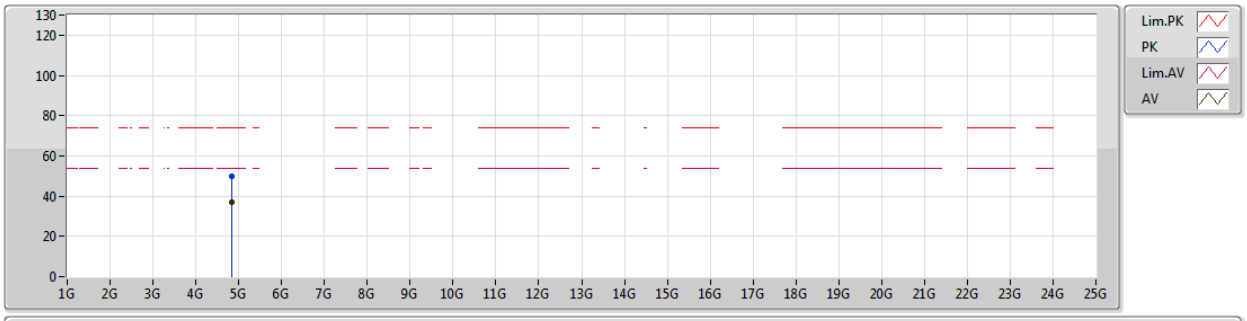
EUT Y_2TX
Setting 12
04-W-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.84492G	50.11	74.00	-23.89	7.24	3	Vertical	236	1.50	-
AV	4.84456G	36.57	54.00	-17.43	7.24	3	Vertical	236	1.50	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

01/12/2018



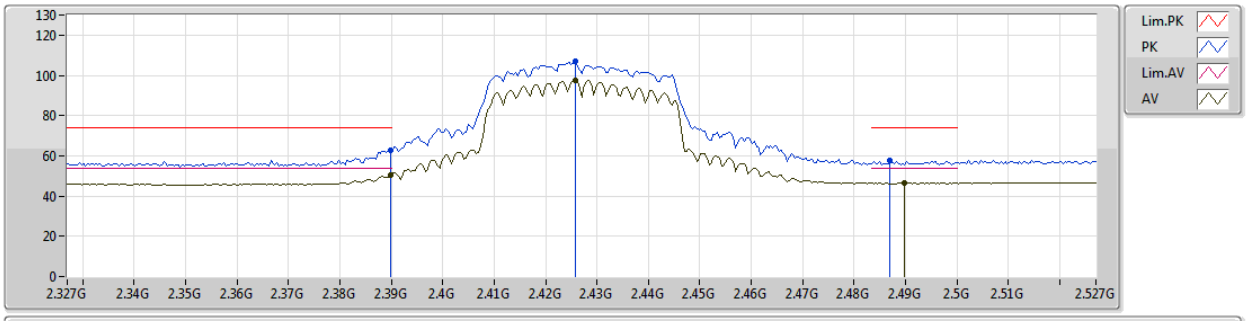
EUT Y_2TX
Setting 12
04-W-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.8447G	50.12	74.00	-23.88	7.24	3	Horizontal	202	1.50	-
AV	4.8448G	37.04	54.00	-16.96	7.24	3	Horizontal	202	1.50	-

802.11n HT40_Nss1,(MCS0)_2TX

2427MHz_TX

03/12/2018



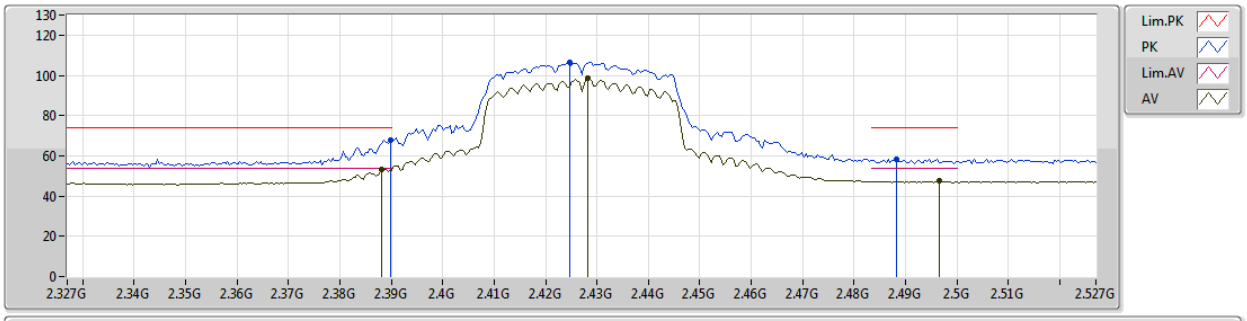
EUT Z_2TX
Setting 14
04-B-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3898G	62.99	74.00	-11.01	33.08	3	Vertical	0	2.79	-
AV	2.3898G	50.20	54.00	-3.80	33.08	3	Vertical	0	2.79	-
PK	2.4258G	106.93	Inf	-Inf	33.17	3	Vertical	0	2.79	-
AV	2.4258G	97.75	Inf	-Inf	33.17	3	Vertical	0	2.79	-
PK	2.487G	57.56	74.00	-16.44	33.36	3	Vertical	0	2.79	-
AV	2.4898G	46.71	54.00	-7.29	33.38	3	Vertical	0	2.79	-

802.11n HT40_Nss1,(MCS0)_2TX

2427MHz_TX

03/12/2018



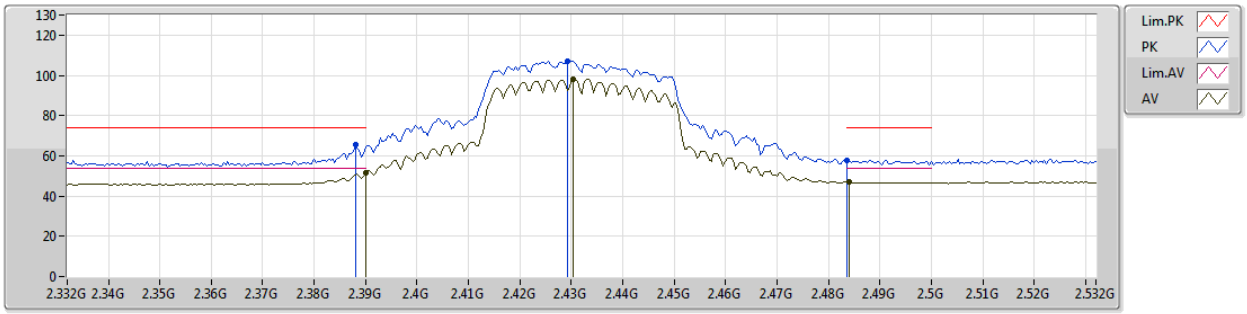
EUT Z_2TX
Setting 14
04-B-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3898G	68.04	74.00	-5.96	33.08	3	Horizontal	244	1.18	-
AV	2.3882G	53.19	54.00	-0.81	33.08	3	Horizontal	244	1.18	-
PK	2.4246G	106.34	Inf	-Inf	33.17	3	Horizontal	244	1.18	-
AV	2.4282G	98.55	Inf	-Inf	33.18	3	Horizontal	244	1.18	-
PK	2.4882G	58.46	74.00	-15.54	33.38	3	Horizontal	244	1.18	-
AV	2.4966G	47.39	54.00	-6.61	33.40	3	Horizontal	244	1.18	-

802.11n HT40_Nss1,(MCS0)_2TX

2432MHz_TX

03/12/2018



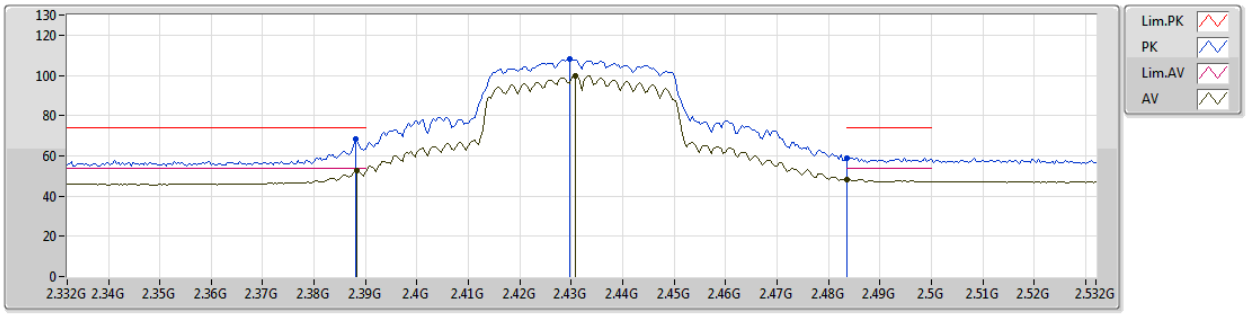
EUT Z_2TX
Setting 17
04-B-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.388G	65.34	74.00	-8.66	33.08	3	Vertical	1	2.83	-
AV	2.39G	51.45	54.00	-2.55	33.08	3	Vertical	1	2.83	-
PK	2.4292G	106.93	Inf	-Inf	33.19	3	Vertical	1	2.83	-
AV	2.4304G	98.14	Inf	-Inf	33.19	3	Vertical	1	2.83	-
PK	2.4835G	57.79	74.00	-16.21	33.36	3	Vertical	1	2.83	-
AV	2.484G	47.09	54.00	-6.91	33.36	3	Vertical	1	2.83	-

802.11n HT40_Nss1,(MCS0)_2TX

2432MHz_TX

03/12/2018



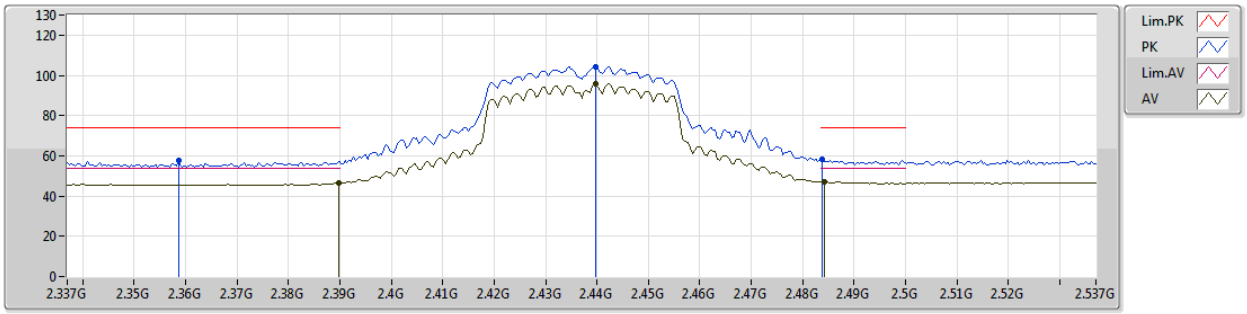
EUT Z_2TX
Setting 17
04-B-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.388G	68.55	74.00	-5.45	33.08	3	Horizontal	246	1.13	-
AV	2.3884G	52.40	54.00	-1.60	33.08	3	Horizontal	246	1.13	-
PK	2.4296G	108.31	Inf	-Inf	33.19	3	Horizontal	246	1.13	-
AV	2.4308G	99.99	Inf	-Inf	33.19	3	Horizontal	246	1.13	-
PK	2.4835G	59.06	74.00	-14.94	33.36	3	Horizontal	246	1.13	-
AV	2.4835G	48.12	54.00	-5.88	33.36	3	Horizontal	246	1.13	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

30/11/2018



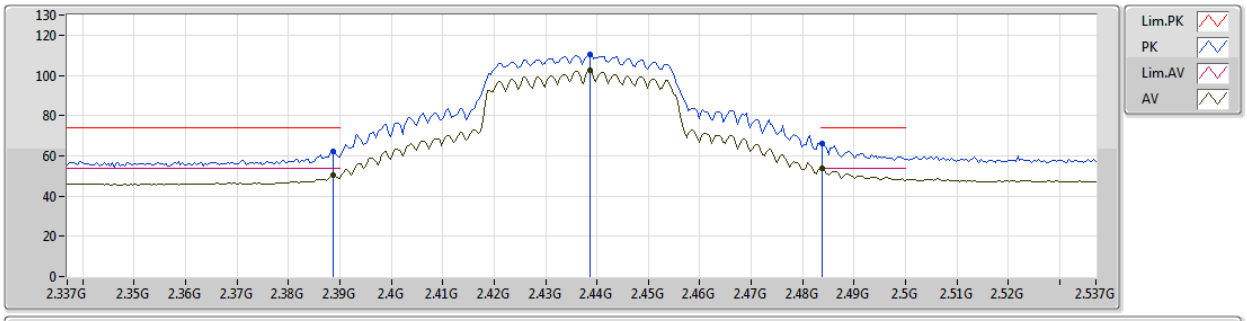
EUT Z_2TX
Setting 19
04-E-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3586G	57.61	74.00	-16.39	33.05	3	Vertical	48	2.99	-
AV	2.3898G	46.40	54.00	-7.60	33.08	3	Vertical	48	2.99	-
PK	2.4398G	104.26	Inf	-Inf	33.22	3	Vertical	48	2.99	-
AV	2.4398G	95.63	Inf	-Inf	33.22	3	Vertical	48	2.99	-
PK	2.4838G	58.11	74.00	-15.89	33.36	3	Vertical	48	2.99	-
AV	2.4842G	47.04	54.00	-6.96	33.36	3	Vertical	48	2.99	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

30/11/2018



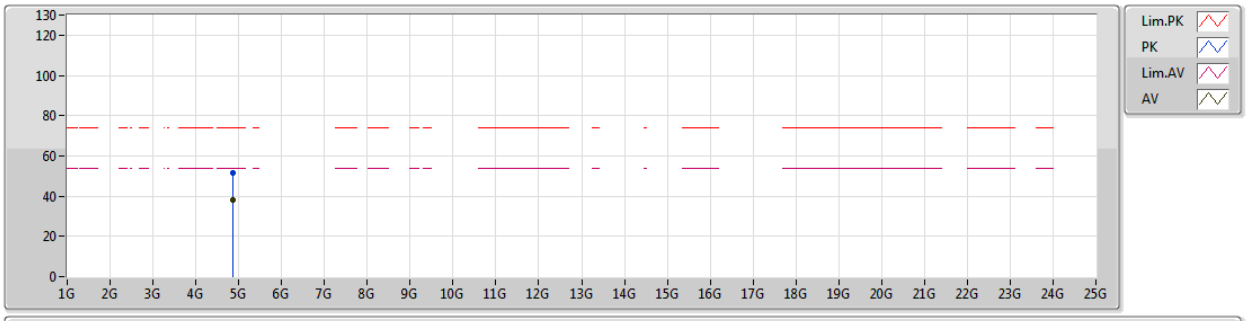
EUT Z_2TX
Setting 19
04-E-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3886G	62.16	74.00	-11.84	33.08	3	Horizontal	59	2.73	-
AV	2.3886G	50.37	54.00	-3.63	33.08	3	Horizontal	59	2.73	-
PK	2.4386G	110.48	Inf	-Inf	33.22	3	Horizontal	59	2.73	-
AV	2.4386G	102.50	Inf	-Inf	33.22	3	Horizontal	59	2.73	-
PK	2.4837G	66.29	74.00	-7.71	33.36	3	Horizontal	59	2.73	-
AV	2.4838G	53.75	54.00	-0.25	33.36	3	Horizontal	59	2.73	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

01/12/2018



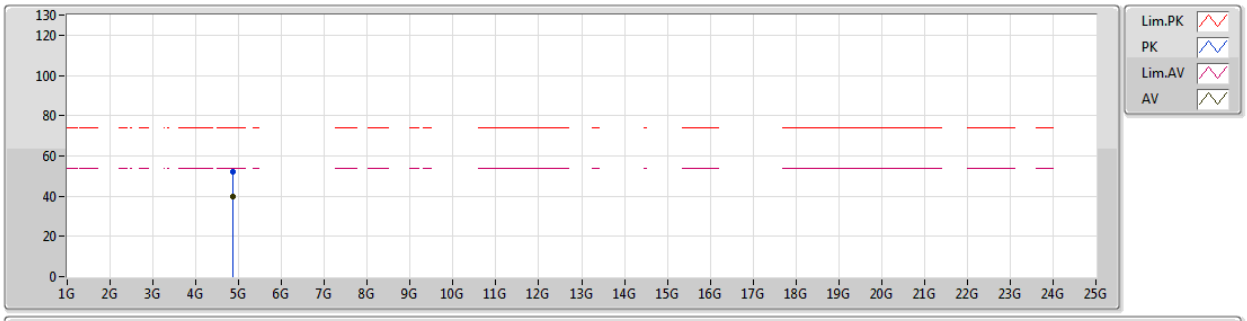
EUT Y_2TX
Setting 19
04-W-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.875G	51.48	74.00	-22.52	7.37	3	Vertical	230	1.50	-
AV	4.87456G	38.38	54.00	-15.62	7.37	3	Vertical	230	1.50	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

01/12/2018



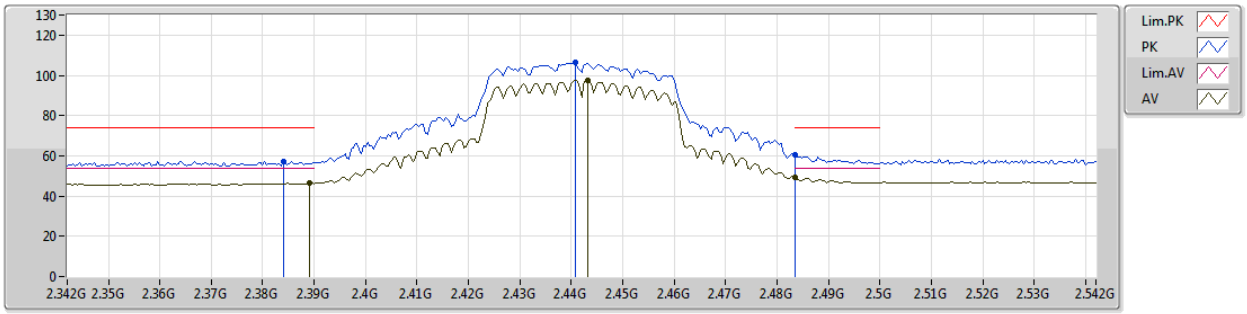
EUT Y_2TX
Setting 19
04-W-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.87474G	52.23	74.00	-21.77	7.37	3	Horizontal	196	1.28	-
AV	4.87508G	39.52	54.00	-14.48	7.38	3	Horizontal	196	1.28	-

802.11n HT40_Nss1,(MCS0)_2TX

2442MHz_TX

03/12/2018



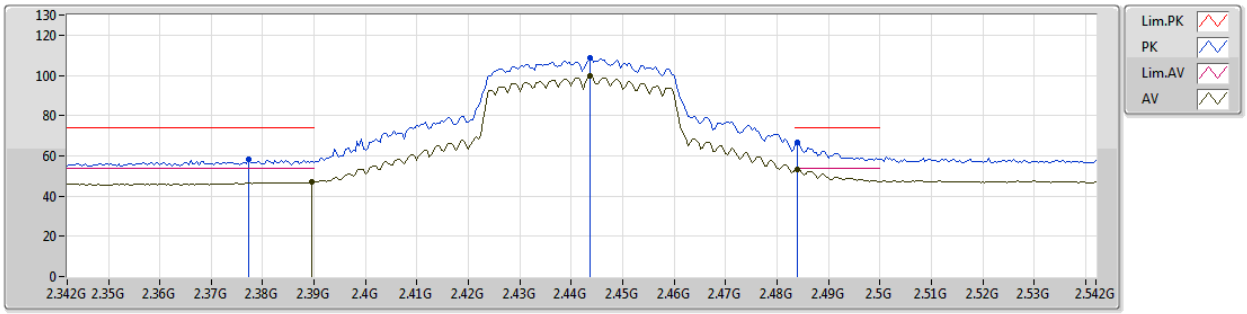
EUT Z_2TX
Setting 17
04-B-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.384G	57.33	74.00	-16.67	33.08	3	Vertical	0	2.79	-
AV	2.3892G	46.48	54.00	-7.52	33.08	3	Vertical	0	2.79	-
PK	2.4408G	106.42	Inf	-Inf	33.22	3	Vertical	0	2.79	-
AV	2.4432G	97.63	Inf	-Inf	33.23	3	Vertical	0	2.79	-
PK	2.4835G	60.62	74.00	-13.38	33.36	3	Vertical	0	2.79	-
AV	2.4835G	49.06	54.00	-4.94	33.36	3	Vertical	0	2.79	-

802.11n HT40_Nss1,(MCS0)_2TX

2442MHz_TX

03/12/2018



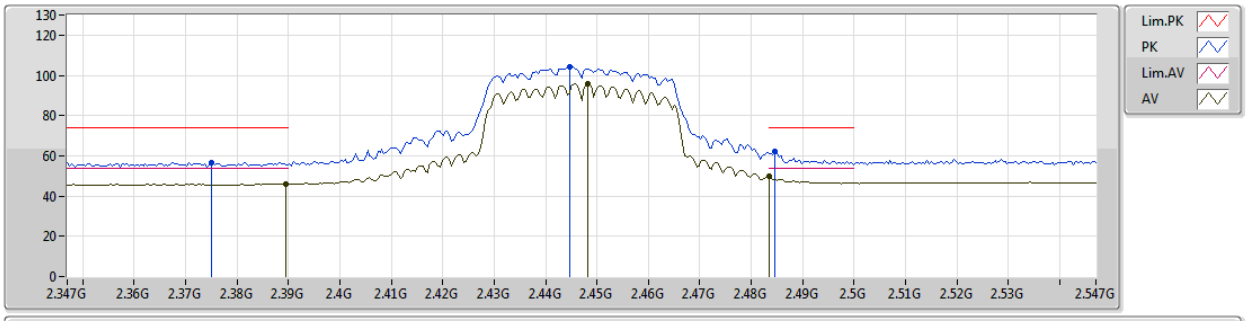
EUT Z_2TX
Setting 17
04-B-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3772G	58.20	74.00	-15.80	33.06	3	Horizontal	277	1.10	-
AV	2.3896G	46.81	54.00	-7.19	33.08	3	Horizontal	277	1.10	-
PK	2.4436G	108.69	Inf	-Inf	33.23	3	Horizontal	277	1.10	-
AV	2.4436G	99.76	Inf	-Inf	33.23	3	Horizontal	277	1.10	-
PK	2.484G	66.84	74.00	-7.16	33.36	3	Horizontal	277	1.10	-
AV	2.484G	53.51	54.00	-0.49	33.36	3	Horizontal	277	1.10	-

802.11n HT40_Nss1,(MCS0)_2TX

2447MHz_TX

03/12/2018



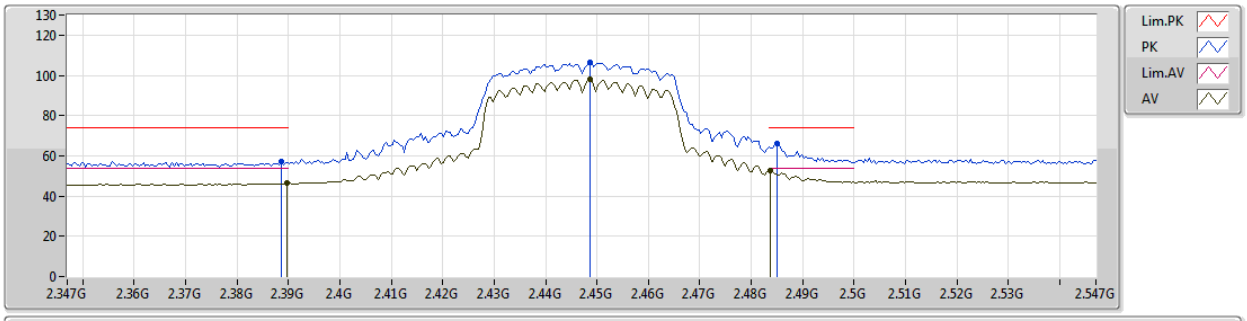
EUT Z_2TX
Setting 13
04-B-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.375G	56.69	74.00	-17.31	33.06	3	Vertical	0	2.76	-
AV	2.3894G	46.08	54.00	-7.92	33.08	3	Vertical	0	2.76	-
PK	2.4446G	104.36	Inf	-Inf	33.23	3	Vertical	0	2.76	-
AV	2.4482G	95.72	Inf	-Inf	33.25	3	Vertical	0	2.76	-
PK	2.4846G	62.22	74.00	-11.78	33.36	3	Vertical	0	2.76	-
AV	2.4835G	49.71	54.00	-4.29	33.36	3	Vertical	0	2.76	-

802.11n HT40_Nss1,(MCS0)_2TX

2447MHz_TX

03/12/2018



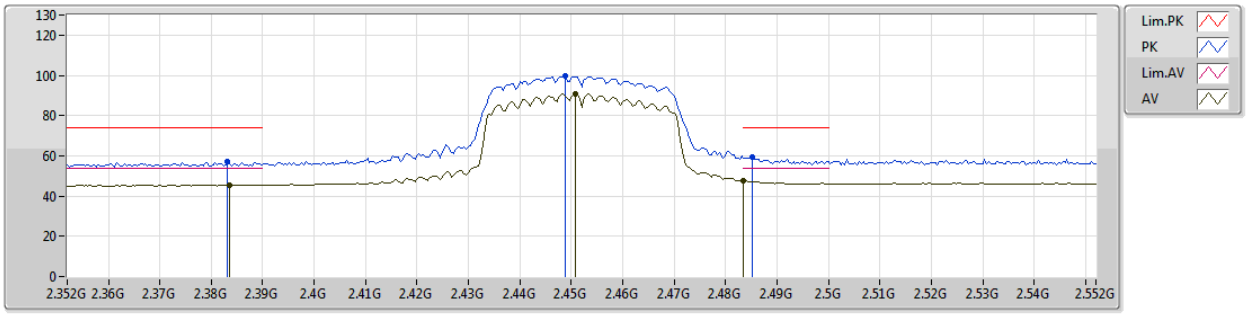
EUT Z_2TX
Setting 13
04-B-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3886G	57.33	74.00	-16.67	33.08	3	Horizontal	298	2.72	-
AV	2.3898G	46.24	54.00	-7.76	33.08	3	Horizontal	298	2.72	-
PK	2.4486G	106.47	Inf	-Inf	33.25	3	Horizontal	298	2.72	-
AV	2.4486G	98.15	Inf	-Inf	33.25	3	Horizontal	298	2.72	-
PK	2.485G	66.16	74.00	-7.84	33.36	3	Horizontal	298	2.72	-
AV	2.4838G	52.89	54.00	-1.11	33.36	3	Horizontal	298	2.72	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

30/11/2018



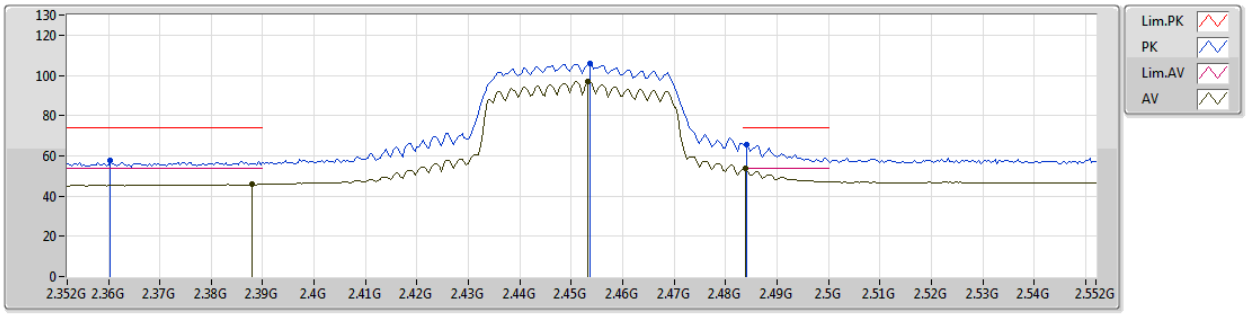
EUT Z_2TX
Setting 10
04-E-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3832G	56.94	74.00	-17.06	33.08	3	Vertical	353	2.99	-
AV	2.3836G	45.51	54.00	-8.49	33.08	3	Vertical	353	2.99	-
PK	2.4488G	99.48	Inf	-Inf	33.25	3	Vertical	353	2.99	-
AV	2.4508G	90.95	Inf	-Inf	33.25	3	Vertical	353	2.99	-
PK	2.4852G	59.46	74.00	-14.54	33.36	3	Vertical	353	2.99	-
AV	2.4835G	47.62	54.00	-6.38	33.36	3	Vertical	353	2.99	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

30/11/2018



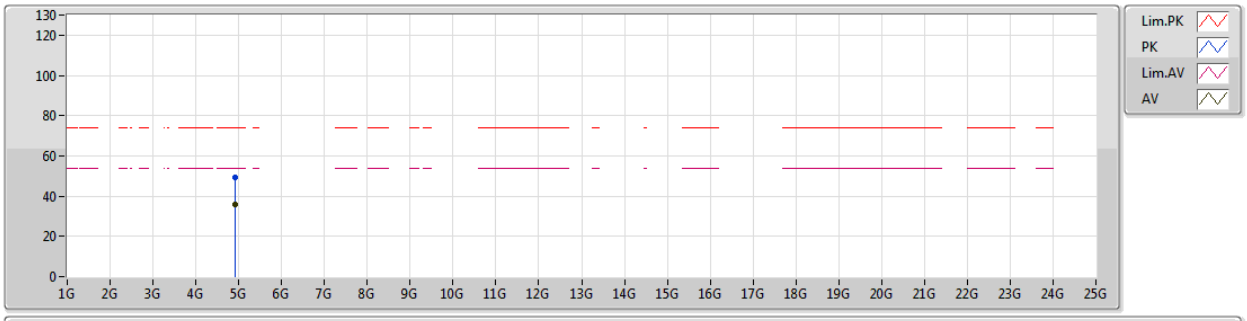
EUT Z_2TX
Setting 10
04-E-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3604G	57.50	74.00	-16.50	33.05	3	Horizontal	58	2.71	-
AV	2.388G	45.91	54.00	-8.09	33.08	3	Horizontal	58	2.71	-
PK	2.4536G	106.07	Inf	-Inf	33.26	3	Horizontal	58	2.71	-
AV	2.4532G	97.08	Inf	-Inf	33.26	3	Horizontal	58	2.71	-
PK	2.4841G	65.81	74.00	-8.19	33.36	3	Horizontal	58	2.71	-
AV	2.4838G	53.71	54.00	-0.29	33.36	3	Horizontal	58	2.71	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

01/12/2018



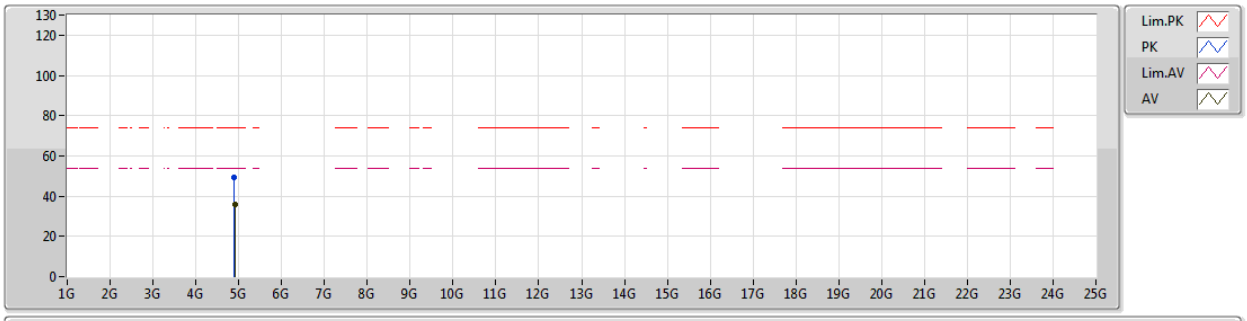
EUT Y_2TX
Setting 10
04-W-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.90522G	49.25	74.00	-24.75	7.51	3	Vertical	245	1.70	-
AV	4.90466G	35.61	54.00	-18.39	7.51	3	Vertical	245	1.70	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

01/12/2018



EUT Y_2TX
Setting 10
04-W-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.90234G	49.43	74.00	-24.57	7.49	3	Horizontal	194	1.50	-
AV	4.9048G	35.70	54.00	-18.30	7.51	3	Horizontal	194	1.50	-