Testing Laboratory 1190

FCC RADIO TEST REPORT

FCC ID	:	Z3WAIR4920V2
Equipment	:	Home Wi-Fi Solution Kit
Brand Name	:	AirTies
Model Name	:	Air 4920v2
Applicant	:	AirTies Wireless Networks Mithat Uluunlu Sokak No. 23 Esentepe, Sisli Istanbul, 34394 Turkey
Manufacturer	:	AirTies Wireless Networks Mithat Uluunlu Sokak No. 23 Esentepe, Sisli Istanbul, 34394 Turkey
Standard	:	47 CFR FCC Part 15.247

The product was received on Jun. 28, 2018, and testing was started from Jun. 29, 2018 and completed on Aug. 30, 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
FR862910AA	01	Initial issue of report	Sep. 13, 2018
FR862910AA	02	1. Updating Model Name to “Air 4920v2” from “Air 4920V2”. 2. Updating Photographs of EUT version to “v02” from “v01”.	Sep. 17, 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	-

Reviewed by: Sam Chen
Report Producer: Viola Huang

1 General Description

1.1 Information

1.1.1 RF General Information

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

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	1TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	802.11n HT20	20	2TX
2.4-2.4835GHz	802.11n HT40	40	2TX

Note:
- 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM 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)				
	2.4GHz	5GHz					2.4GHz	5GHz Band 1	5GHz Band 2	5GHz Band 3	5GHz Band 4
1	1	1	Airties	Airties#1	Printed	N/A	1.7	1.4	1.4	2.75	3.2
2	-	2	Airties	Airties#1	Printed	N/A	-	1.4	1.4	2.75	3.2
3	2	3	Airties	Airties#1	Printed	N/A	1.7	1.4	1.4	2.75	3.2

Note 1: The EUT has three antennas.

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

The EUT supports the antenna with TX and RX diversity functions.

Both Ant. 1 (port 1) and Ant. 3 (port 2) support transmit and receive functions, but only one of them will be used at one time.

The Ant. 3 (port 2) generated the worst case, so it was selected to test and record in the report.

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

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

Ant. 1 (port 1) and Ant. 3 (port 2) could transmit/receive simultaneously.

For IEEE 802.11a/n/ac mode (3TX/3RX):

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

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

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.999	0.004	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.987	0.057	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11n HT20	0.987	0.057	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11n HT40	0.973	0.119	6.695m	300

1.1.4 EUT Operational Condition

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

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	Serway Li	25°C / 58%	Jul. 09, 2018 ~ Aug. 30, 2018
Radiated below 1GHz	03CH01-CB	Eason Chen	22°C / 54%	Jul. 06, 2018
Radiated above 1GHz	03CH01-CB	Eason Chen	22°C / 54%	Jun. 29, 2018 ~ Aug. 28, 2018
AC Conduction	CO02-CB	Wei Li	26°C / 62%	Jul. 10, 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	PowerSetting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	72
2417MHz	83
2422MHz	84
2437MHz	84
2447MHz	84
2452MHz	83
2457MHz	82
2462MHz	72
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	52
2417MHz	63
2422MHz	68
2427MHz	73
2432MHz	77
2437MHz	78
2442MHz	75
2447MHz	72
2452MHz	66
2457MHz	60
2462MHz	49
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	52
2417MHz	63
2422MHz	67
2427MHz	73
2432MHz	76
2437MHz	79
2442MHz	76
2447MHz	72
2452MHz	69

Mode	PowerSetting
2457MHz	61
2462MHz	46
802.11n HT40_Nss1,(MCS0)_2TX	-
2422MHz	47
2427MHz	43
2432MHz	49
2437MHz	55
2442MHz	50
2447MHz	44
2452MHz	41

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 - AP Router

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 - AP Router
Operating Mode > 1GHz	CTX in Y axis

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA862910 for Co-location RF Exposure Evaluation.	

Note 1: The EUT supports both AP Router and Mesh mode, only AP Router was tested and recorded in this test report.

Note 2: The EUT can only use Y axis position.

Note 3: All the specification of test configurations and test modes were based on customer's request.

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories			
Equipment Name	**Brand Name**	**Model Name**	**Rating**
Adapter	MOSO	MSA-C1000CS12.0-12A-US	INPUT: 100-240V ~ 50/60Hz, 0.5A max. OUTPUT: 12.0V, 1A

2.5 Support Equipment

For Test Site No: CO02-CB

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB*3	DELL	E6430	N/A

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

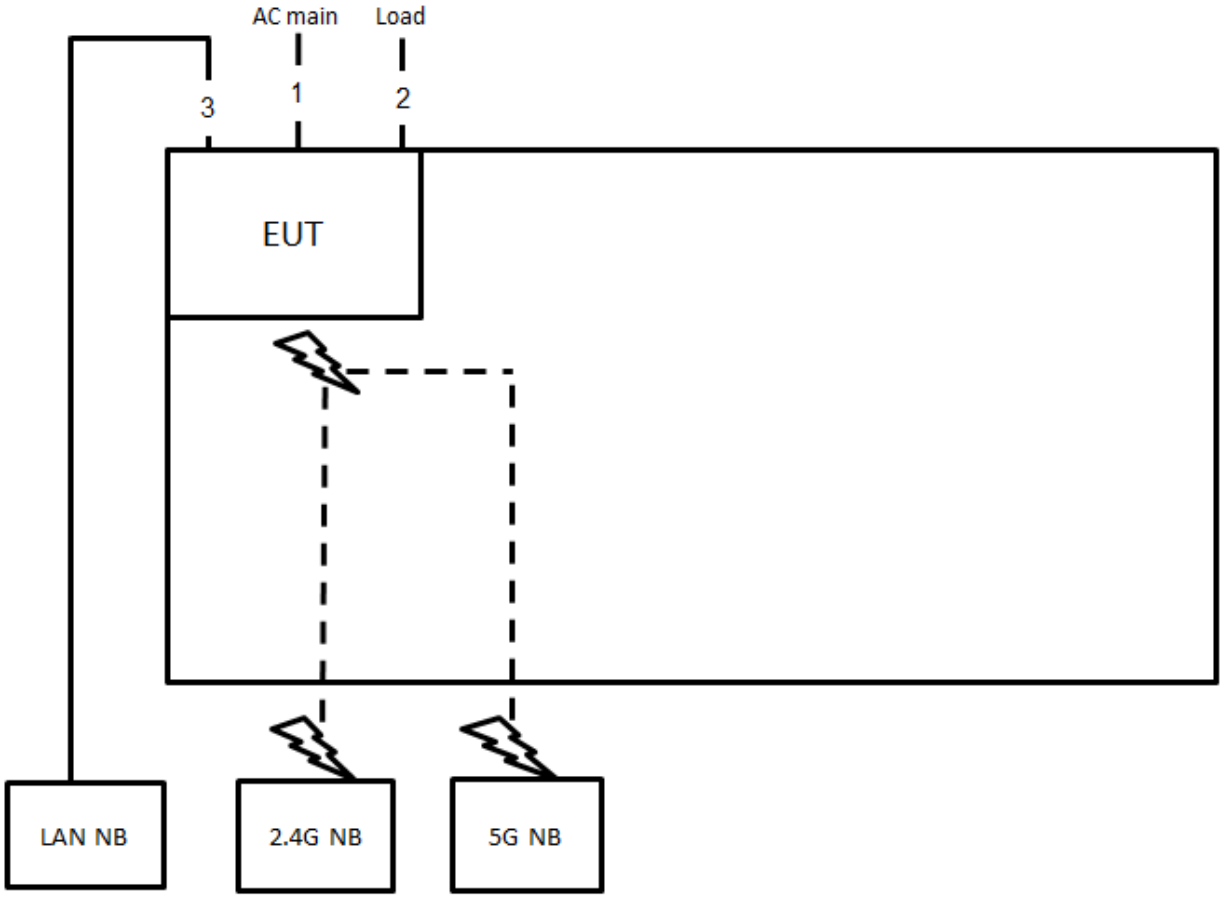
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB*3	DELL	E4300	N/A

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

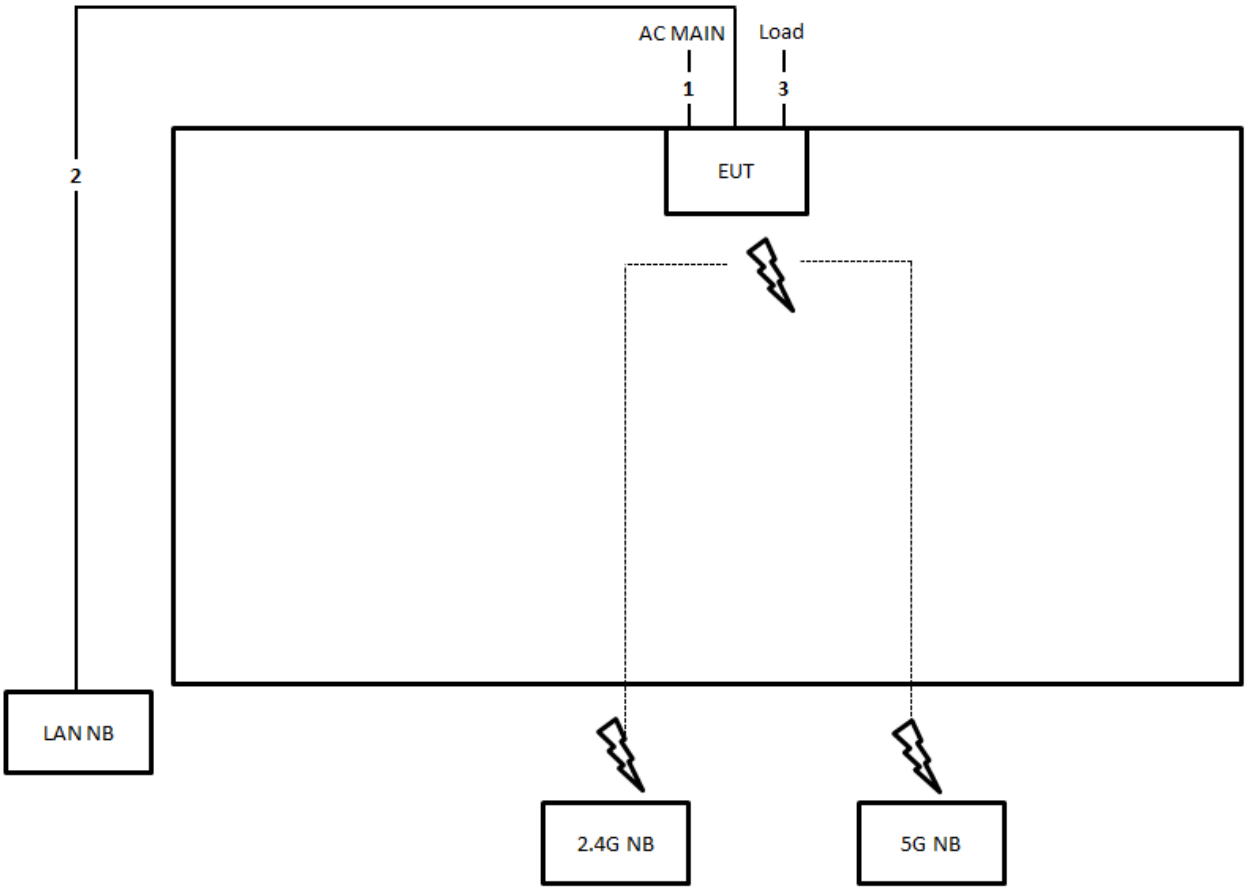
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



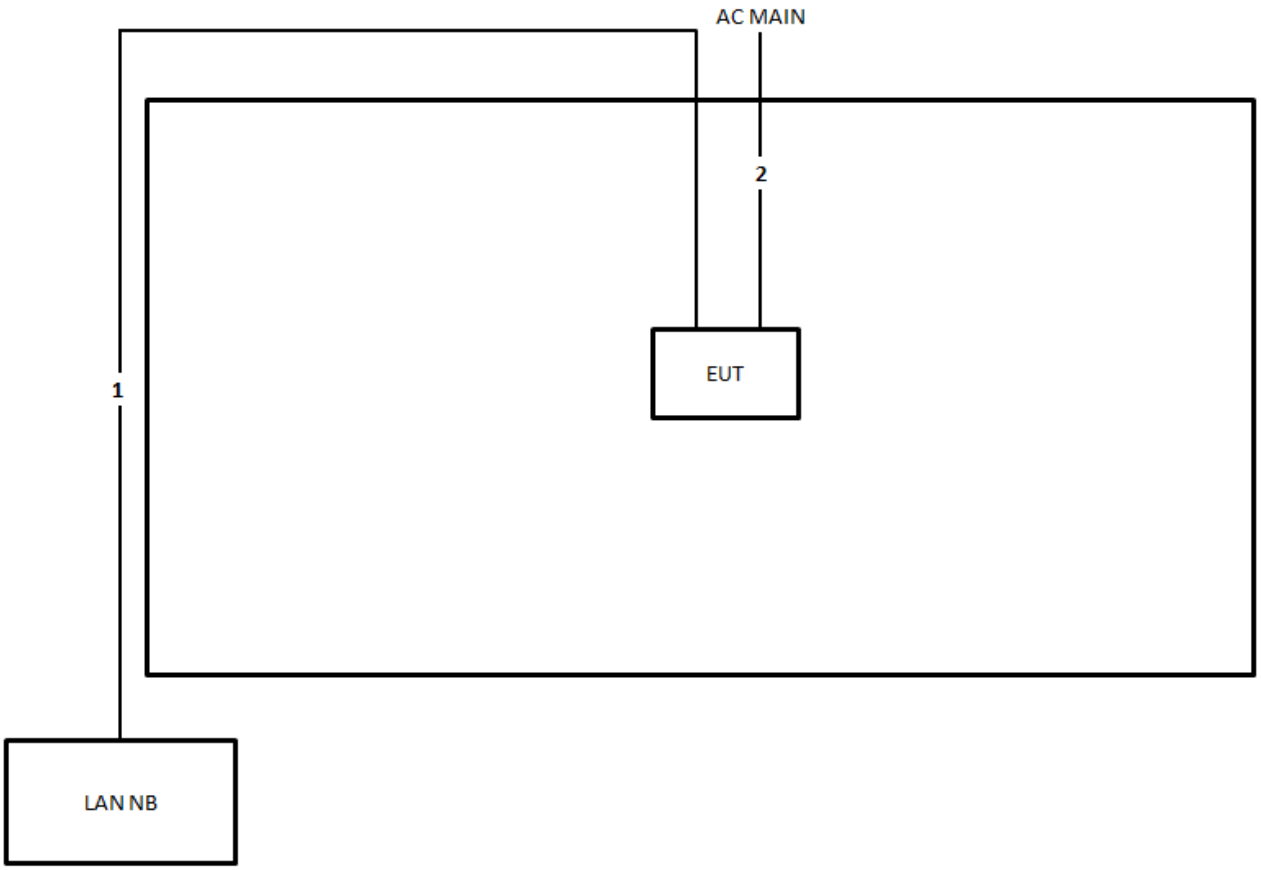
Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test < 1GHz



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

Test Setup Diagram - Radiated Test > 1GHz



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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

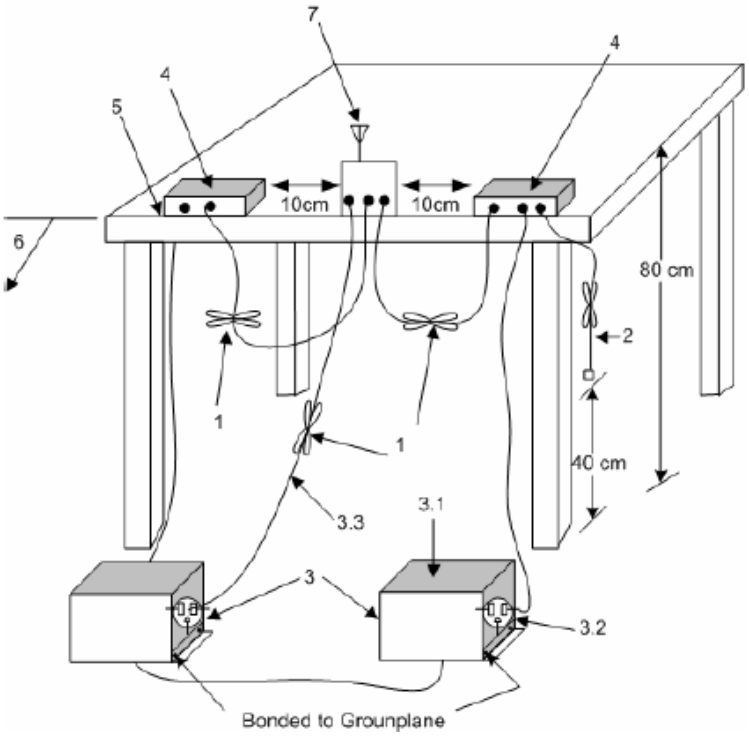
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

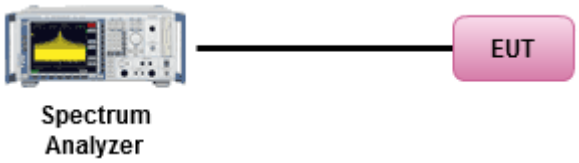
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
▪ For the emission bandwidth shall be measured using one of the options below:	
	☒ Refer as FCC KDB 558074, clause 8.2 & 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.		

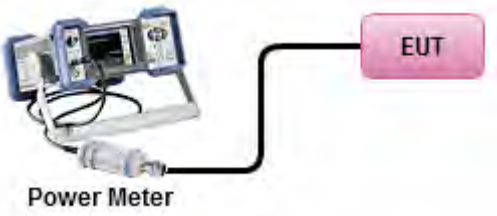
3.3.2 Measuring Instruments

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

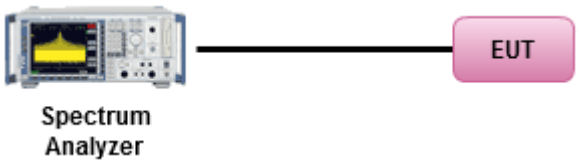
Refer a test equipment and calibration data table in this test report.

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 11.10.6 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.	

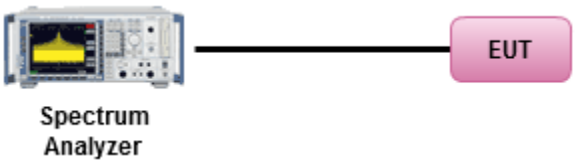
3.5.2 Measuring Instruments

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.

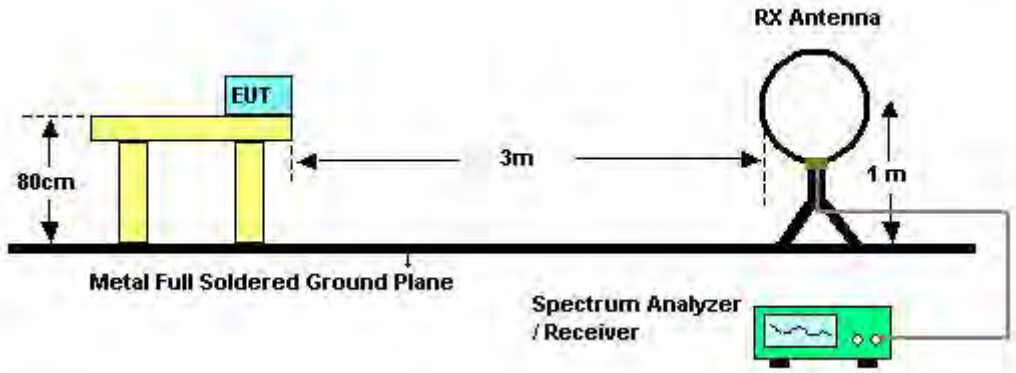
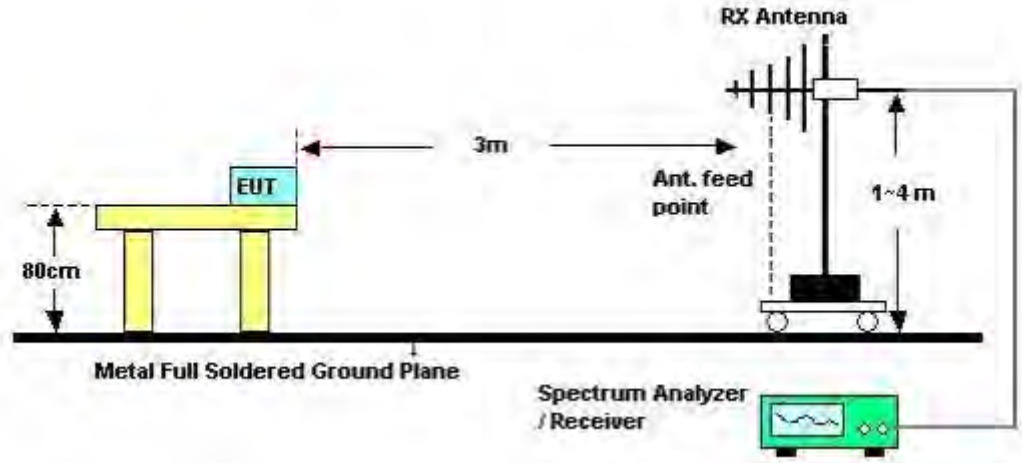
3.6.2 Measuring Instruments

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

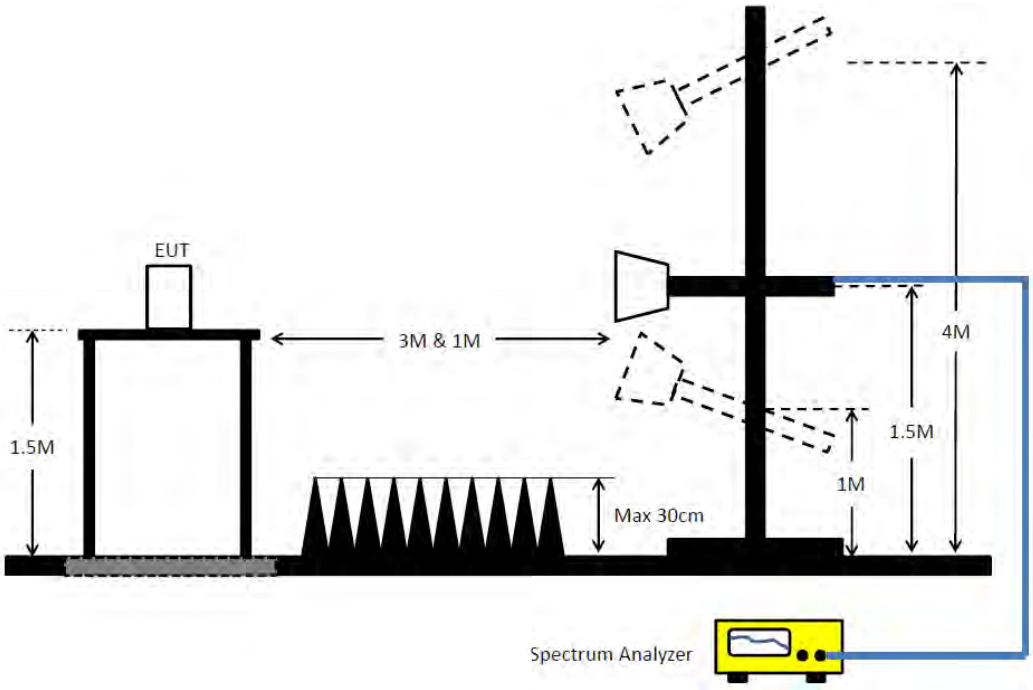
3.6.3 Test Procedures

Test Method			
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].			
▪ Refer as ANSI C63.10, clause 6.9.2.2 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.			
▪ For the transmitter unwanted emissions shall be measured using following options below:			
	▪ Refer as FCC KDB 558074, clause 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 4.2.3.2.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
		☐	Refer as ANSI C63.10, clause 4.2.3.2.4 average value of pulsed emissions.
		☒	Refer as FCC KDB 558074, clause 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

Transmitter Radiated Emissions
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.6.5 Transmitter Radiated Unwanted Emissions (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 Transmitter Radiated Unwanted Emissions

Refer as Appendix F

4 Test Equipment and Calibration Data

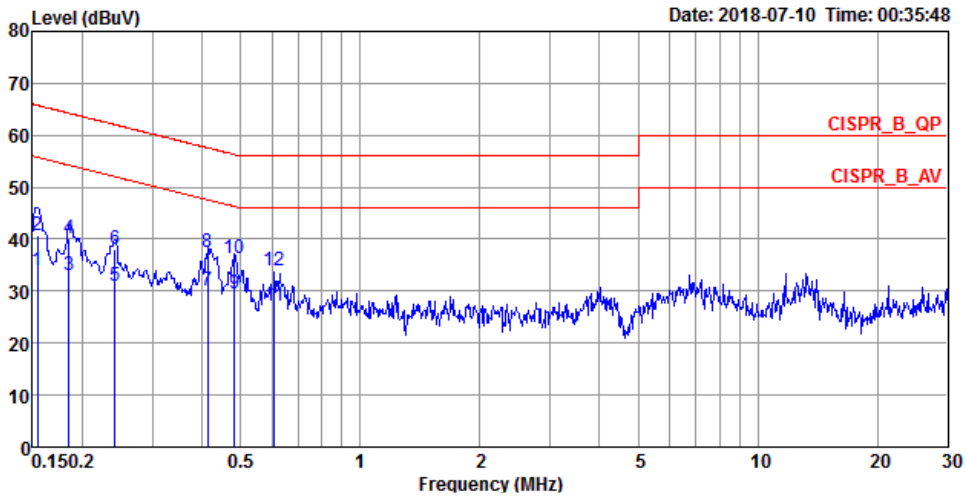
Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Nov. 24, 2017	Nov. 23, 2018	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Nov. 13, 2017	Nov. 12, 2018	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	Jan. 17, 2018	Jan. 16, 2019	Conduction (CO02-CB)
Impedance Stabilization Network	Teseq GmbH	ISN T800	34403	150kHz ~ 30MHz	May 22, 2018	May 21, 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)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Aug. 30, 2017	Aug. 29, 2018	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 20, 2017	Nov. 19, 2018	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. 10, 2017	Jul. 09, 2018	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	100056	9kHz ~ 40GHz	Nov. 23, 2017	Nov. 22, 2018	Radiation (03CH01-CB)
EMI Test	R&S	ESCS	100354	9kHz ~ 2.75GHz	Dec. 08, 2017	Dec. 07, 2018	Radiation (03CH01-CB)
RF Cable-low	Woken	Low Cable-16+17	N/A	30 MHz ~ 1 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16+17	N/A	1 GHz ~ 18 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Oct. 11, 2017	Oct. 10, 2018	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. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 20, 2017	Nov. 19, 2018	Conducted (TH01-CB)

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

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

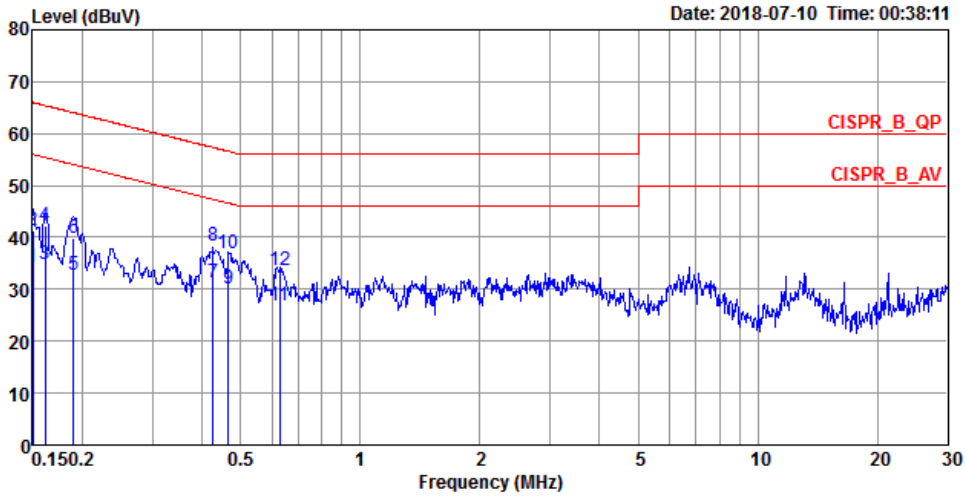
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	Normal Link		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark	Pol/Phase
	MHz	dBuV	dB	dBuV	dBuV	dB	dB		
1	0.1540	33.85	-21.93	55.78	23.81	10.03	0.01	Average	NEUTRAL
2	0.1540	40.74	-25.04	65.78	30.70	10.03	0.01	QP	NEUTRAL
3	0.1854	32.98	-21.26	54.24	22.99	9.98	0.01	Average	NEUTRAL
4	0.1854	40.12	-24.12	64.24	30.13	9.98	0.01	QP	NEUTRAL
5	0.2416	31.14	-20.90	52.04	21.17	9.95	0.02	Average	NEUTRAL
6	0.2416	38.02	-24.02	62.04	28.05	9.95	0.02	QP	NEUTRAL
7	0.4127	30.22	-17.37	47.59	20.25	9.94	0.03	Average	NEUTRAL
8	0.4127	37.40	-20.19	57.59	27.43	9.94	0.03	QP	NEUTRAL
9	0.4837	29.49	-16.78	46.27	19.51	9.95	0.03	Average	NEUTRAL
10	0.4837	36.36	-19.91	56.27	26.38	9.95	0.03	QP	NEUTRAL
11	0.6075	27.11	-18.89	46.00	17.12	9.96	0.03	Average	NEUTRAL
12	0.6075	33.89	-22.11	56.00	23.90	9.96	0.03	QP	NEUTRAL

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

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



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark	Pol/Phase
	MHz	dBuV	dB	dBuV	dBuV	dB	dB		
1	0.1500	34.28	-21.72	56.00	24.27	10.00	0.01	Average	LINE
2	0.1500	41.47	-24.53	66.00	31.46	10.00	0.01	QP	LINE
3	0.1616	34.70	-20.68	55.38	24.72	9.97	0.01	Average	LINE
4	0.1616	42.34	-23.04	65.38	32.36	9.97	0.01	QP	LINE
5	0.1904	32.66	-21.36	54.02	22.73	9.92	0.01	Average	LINE
6	0.1904	39.79	-24.23	64.02	29.86	9.92	0.01	QP	LINE
7	0.4260	31.17	-16.16	47.33	21.26	9.88	0.03	Average	LINE
8	0.4260	38.25	-19.08	57.33	28.34	9.88	0.03	QP	LINE
9	0.4661	30.13	-16.45	46.58	20.21	9.89	0.03	Average	LINE
10	0.4661	37.01	-19.57	56.58	27.09	9.89	0.03	QP	LINE
11	0.6271	26.79	-19.21	46.00	16.85	9.91	0.03	Average	LINE
12	0.6271	33.54	-22.46	56.00	23.60	9.91	0.03	QP	LINE

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

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	8.05M	10.145M	10M1G1D	8.025M	10.095M
802.11g_Nss1,(6Mbps)_2TX	15.275M	16.742M	16M7D1D	14.675M	16.317M
802.11n HT20_Nss1,(MCS0)_2TX	16.9M	17.691M	17M7D1D	14.65M	17.441M
802.11n HT40_Nss1,(MCS0)_2TX	35.65M	36.282M	36M3D1D	32.6M	36.082M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	500k			8.05M	10.12M
2437MHz	Pass	500k			8.025M	10.145M
2462MHz	Pass	500k			8.025M	10.095M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	14.675M	16.317M	15.275M	16.317M
2437MHz	Pass	500k	14.975M	16.742M	15.025M	16.467M
2462MHz	Pass	500k	15.025M	16.342M	15M	16.317M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.025M	17.441M	15M	17.491M
2437MHz	Pass	500k	15.025M	17.691M	14.8M	17.541M
2462MHz	Pass	500k	14.65M	17.441M	16.9M	17.466M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	32.6M	36.132M	35.45M	36.082M
2437MHz	Pass	500k	35M	36.282M	35.65M	36.282M
2452MHz	Pass	500k	35.05M	36.132M	35.4M	36.232M

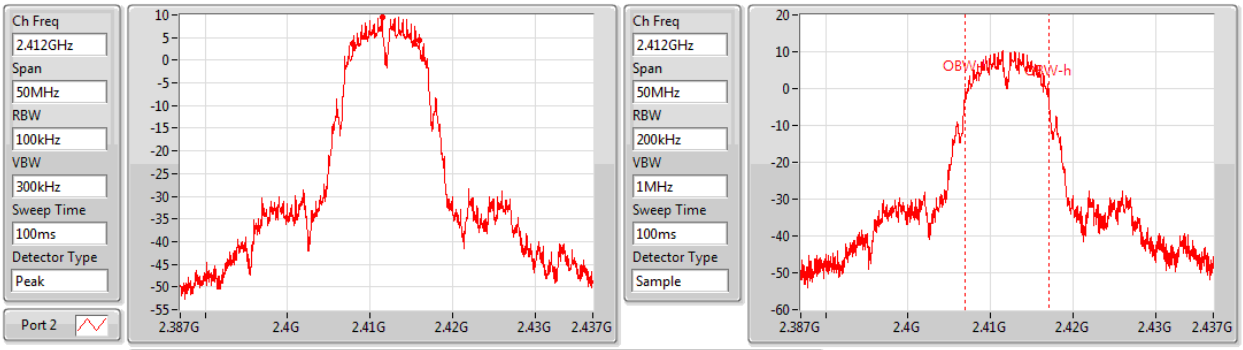
Port X-N dB = Port **X** 6dB down bandwidth; **Port X-OBW** = Port **X** 99% occupied bandwidth;

802.11b_Nss1,(1Mbps)_1TX

EBW

2412MHz

09/07/2018



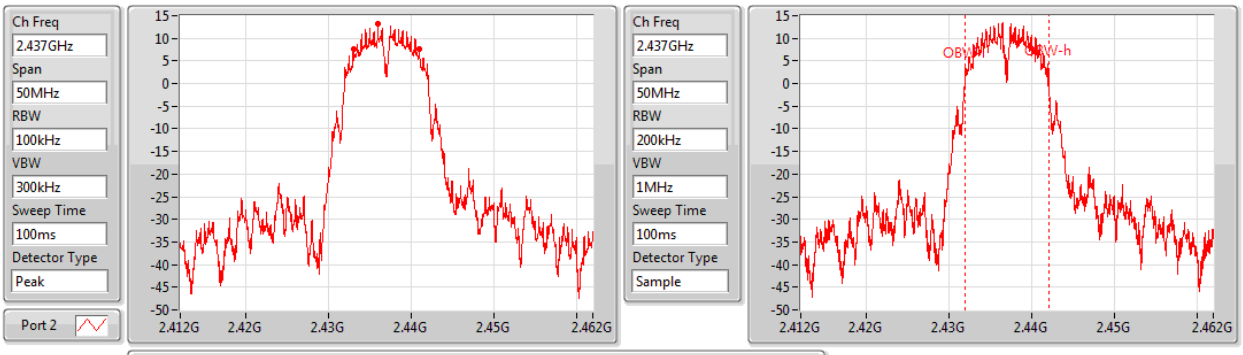
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.05M	2.40795G	2.416G	10.12M	2.406903G	2.417022G	500k	2

802.11b_Nss1,(1Mbps)_1TX

EBW

2437MHz

09/07/2018



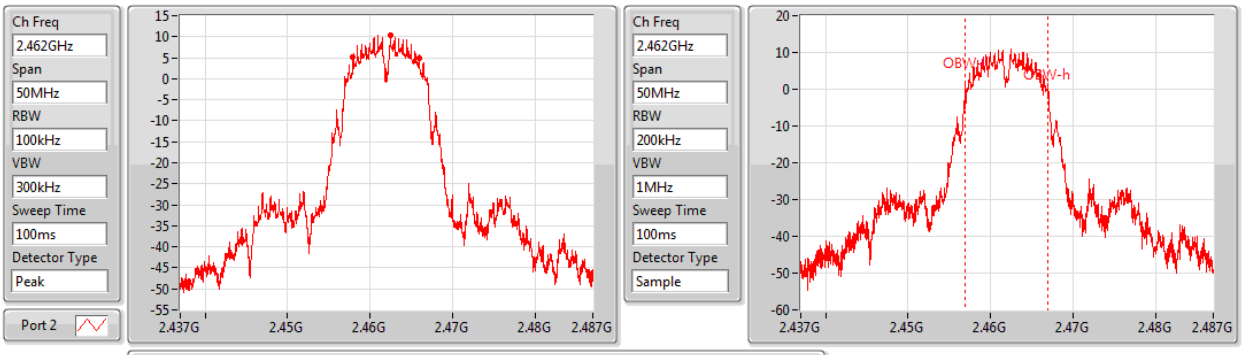
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.025M	2.432975G	2.441G	10.145M	2.431903G	2.442047G	500k	2

802.11b_Nss1,(1Mbps)_1TX

EBW

2462MHz

09/07/2018

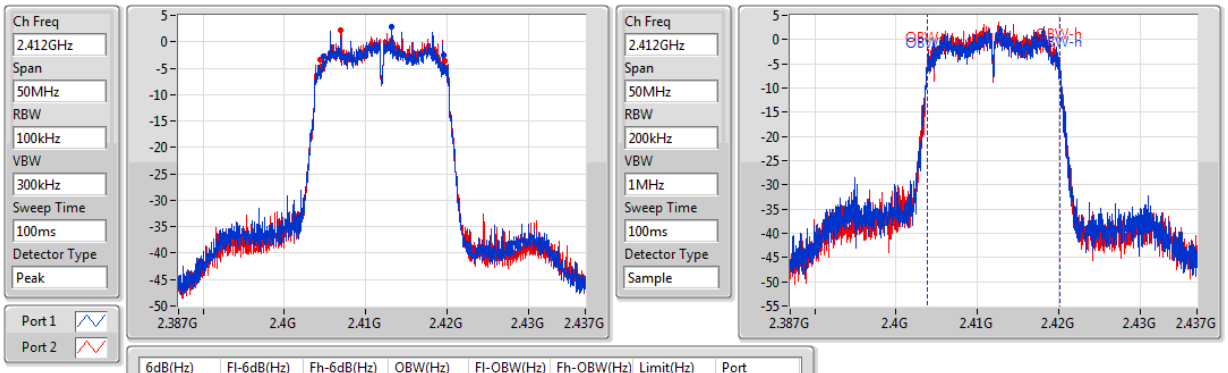


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.025M	2.45795G	2.465975G	10.095M	2.456903G	2.466998G	500k	2

802.11g_Nss1,(6Mbps)_2TX **EBW**

2412MHz

09/07/2018

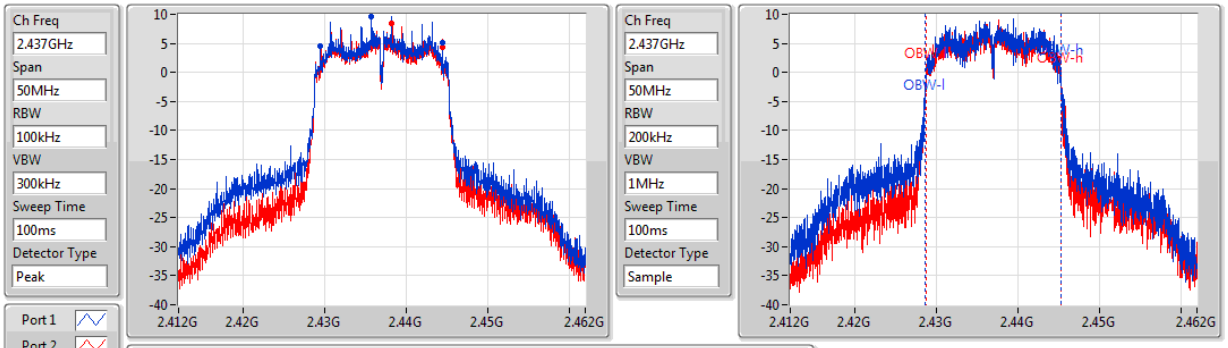


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.675M	2.40485G	2.419525G	16.317M	2.403804G	2.420121G	500k	1
15.275M	2.40445G	2.419725G	16.317M	2.403829G	2.420146G	500k	2

802.11g_Nss1,(6Mbps)_2TX **EBW**

2437MHz

09/07/2018

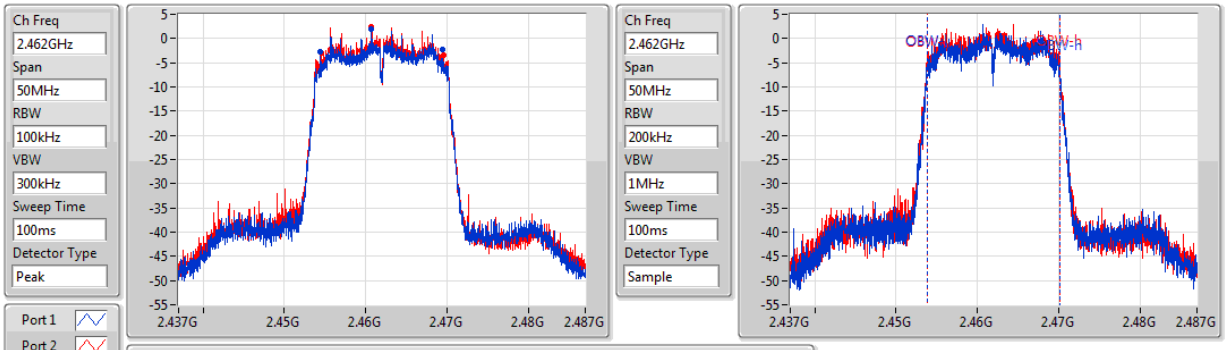


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.975M	2.42945G	2.444425G	16.742M	2.428579G	2.445321G	500k	1
15.025M	2.42945G	2.444475G	16.467M	2.428754G	2.445221G	500k	2

802.11g_Nss1,(6Mbps)_2TX **EBW**

2462MHz

09/07/2018

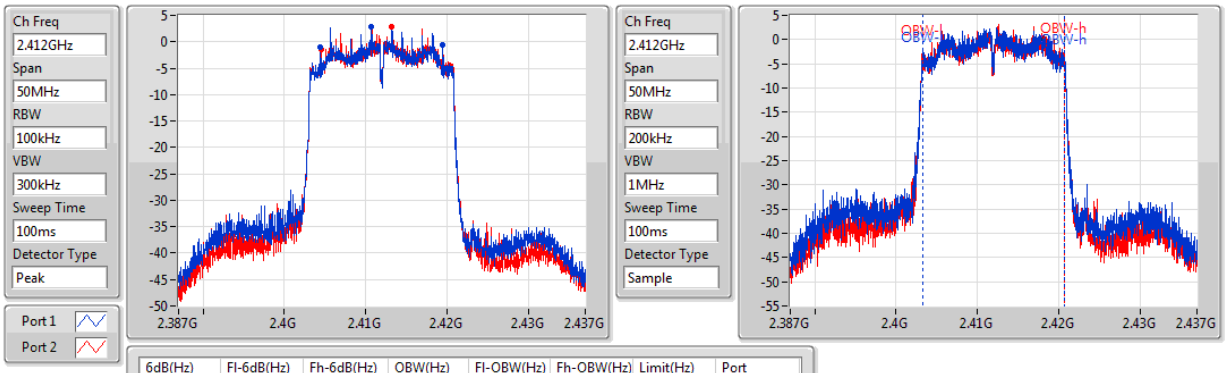


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.025M	2.454475G	2.4695G	16.342M	2.453804G	2.470146G	500k	1
15M	2.454525G	2.469525G	16.317M	2.453804G	2.470121G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

2412MHz

09/07/2018

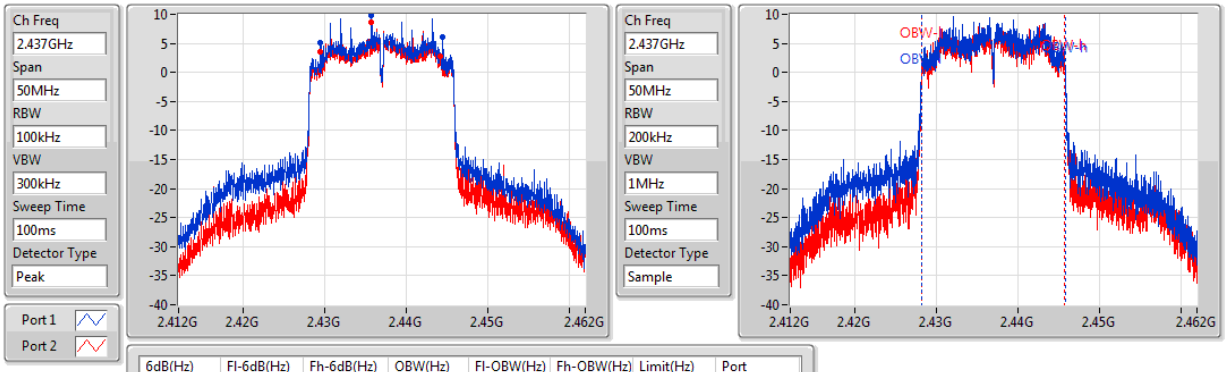


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.025M	2.404475G	2.4195G	17.441M	2.403254G	2.420696G	500k	1
15M	2.4045G	2.4195G	17.491M	2.403229G	2.420721G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

2437MHz

09/07/2018

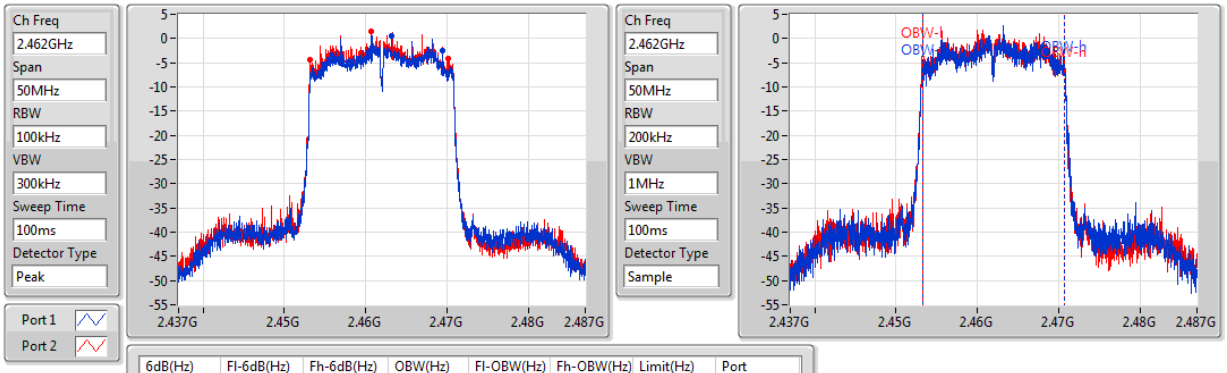


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.025M	2.429475G	2.4445G	17.691M	2.428104G	2.445796G	500k	1
14.8M	2.429425G	2.444225G	17.541M	2.428204G	2.445746G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

2462MHz

09/07/2018

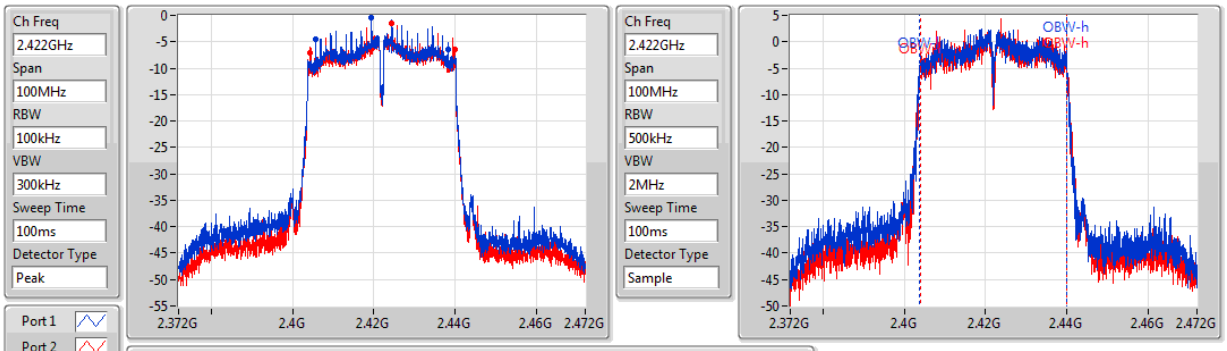


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.65M	2.45485G	2.4695G	17.441M	2.453254G	2.470696G	500k	1
16.9M	2.4532G	2.4701G	17.466M	2.453229G	2.470696G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2422MHz

09/07/2018

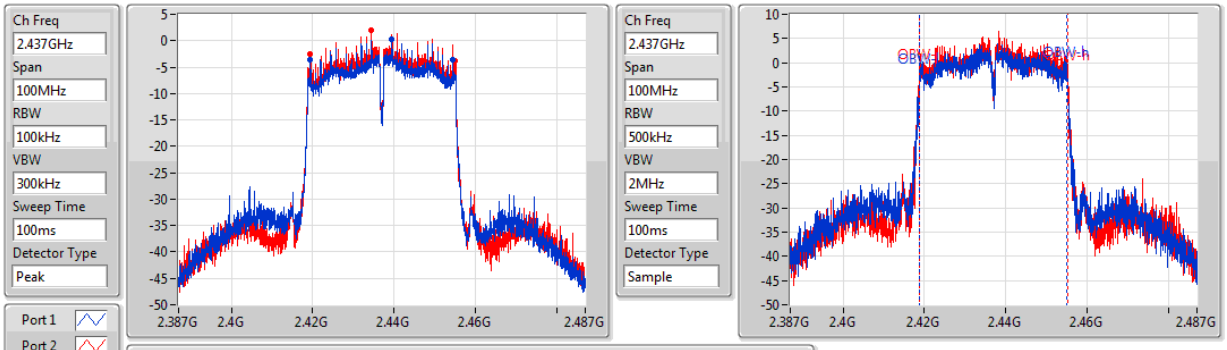


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
32.6M	2.4057G	2.4383G	36.132M	2.403859G	2.439991G	500k	1
35.45M	2.4044G	2.43985G	36.082M	2.403959G	2.440041G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2437MHz

09/07/2018

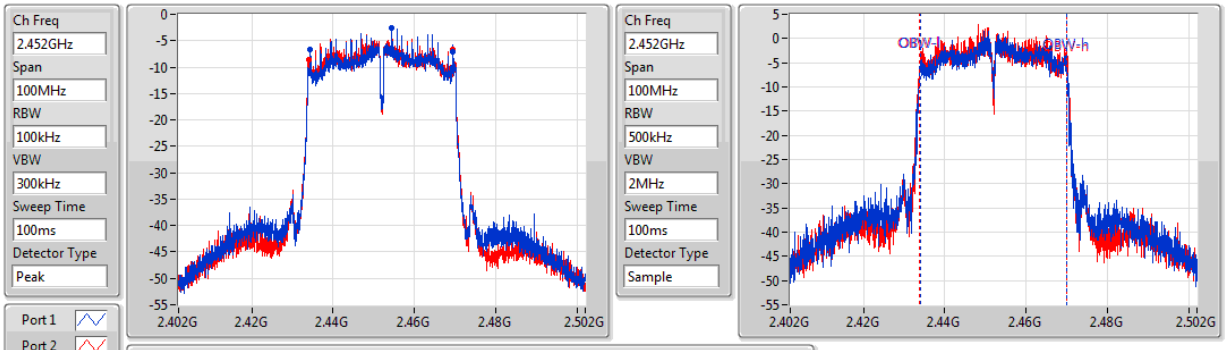


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35M	2.41945G	2.45445G	36.282M	2.418809G	2.455091G	500k	1
35.65M	2.41945G	2.4551G	36.282M	2.418859G	2.455141G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2452MHz

09/07/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.05M	2.43445G	2.4695G	36.132M	2.433909G	2.470041G	500k	1
35.4M	2.43405G	2.46945G	36.232M	2.433859G	2.470091G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	21.73	0.14894
802.11g_Nss1,(6Mbps)_2TX	22.90	0.19498
802.11n HT20_Nss1,(MCS0)_2TX	23.15	0.20654
802.11n HT40_Nss1,(MCS0)_2TX	17.30	0.05370

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	1.70		18.42	18.42	30.00
2417MHz	Pass	1.70		21.24	21.24	30.00
2422MHz	Pass	1.70		21.71	21.71	30.00
2437MHz	Pass	1.70		21.73	21.73	30.00
2447MHz	Pass	1.70		21.61	21.61	30.00
2452MHz	Pass	1.70		21.52	21.52	30.00
2457MHz	Pass	1.70		21.14	21.14	30.00
2462MHz	Pass	1.70		18.78	18.78	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.70	13.63	13.92	16.79	30.00
2417MHz	Pass	1.70	16.28	16.52	19.41	30.00
2422MHz	Pass	1.70	17.59	17.45	20.53	30.00
2427MHz	Pass	1.70	18.79	18.56	21.69	30.00
2432MHz	Pass	1.70	19.82	19.65	22.75	30.00
2437MHz	Pass	1.70	20.08	19.69	22.90	30.00
2442MHz	Pass	1.70	19.17	19.05	22.12	30.00
2447MHz	Pass	1.70	18.33	18.57	21.46	30.00
2452MHz	Pass	1.70	16.81	17.22	20.03	30.00
2457MHz	Pass	1.70	15.54	16.15	18.87	30.00
2462MHz	Pass	1.70	12.86	13.19	16.04	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.70	13.73	13.64	16.70	30.00
2417MHz	Pass	1.70	16.46	16.39	19.44	30.00
2422MHz	Pass	1.70	16.96	17.12	20.05	30.00
2427MHz	Pass	1.70	18.88	18.73	21.82	30.00
2432MHz	Pass	1.70	19.62	19.04	22.35	30.00
2437MHz	Pass	1.70	20.35	19.91	23.15	30.00
2442MHz	Pass	1.70	19.65	19.28	22.48	30.00
2447MHz	Pass	1.70	18.31	18.47	21.40	30.00
2452MHz	Pass	1.70	17.46	17.94	20.72	30.00
2457MHz	Pass	1.70	15.58	15.76	18.68	30.00
2462MHz	Pass	1.70	12.22	12.59	15.42	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	1.70	12.52	12.05	15.30	30.00
2427MHz	Pass	1.70	11.86	11.56	14.72	30.00

AV Power Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
2432MHz	Pass	1.70	12.75	12.58	15.68	30.00
2437MHz	Pass	1.70	14.13	14.45	17.30	30.00
2442MHz	Pass	1.70	12.87	12.94	15.92	30.00
2447MHz	Pass	1.70	11.54	11.68	14.62	30.00
2452MHz	Pass	1.70	10.76	10.93	13.86	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)_1TX	-0.40
802.11g_Nss1,(6Mbps)_2TX	-2.46
802.11n HT20_Nss1,(MCS0)_2TX	-2.89
802.11n HT40_Nss1,(MCS0)_2TX	-10.65

RBW=3kHz.

Result

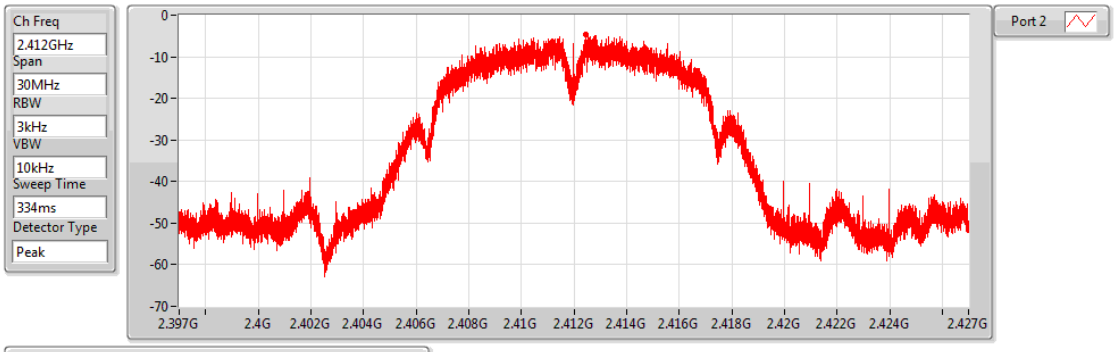
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	1.70		-4.62	-4.62	8.00
2437MHz	Pass	1.70		-0.40	-0.40	8.00
2462MHz	Pass	1.70		-3.31	-3.31	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.71	-10.81	-10.23	-8.47	8.00
2437MHz	Pass	4.71	-4.15	-4.33	-2.46	8.00
2462MHz	Pass	4.71	-11.63	-10.95	-9.16	8.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.71	-10.28	-10.86	-8.82	8.00
2437MHz	Pass	4.71	-4.49	-5.43	-2.89	8.00
2462MHz	Pass	4.71	-13.18	-11.20	-10.18	8.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.71	-13.89	-14.10	-12.35	8.00
2437MHz	Pass	4.71	-14.27	-11.61	-10.65	8.00
2452MHz	Pass	4.71	-17.27	-14.82	-13.58	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)_1TX PSD

2412MHz

09/07/2018

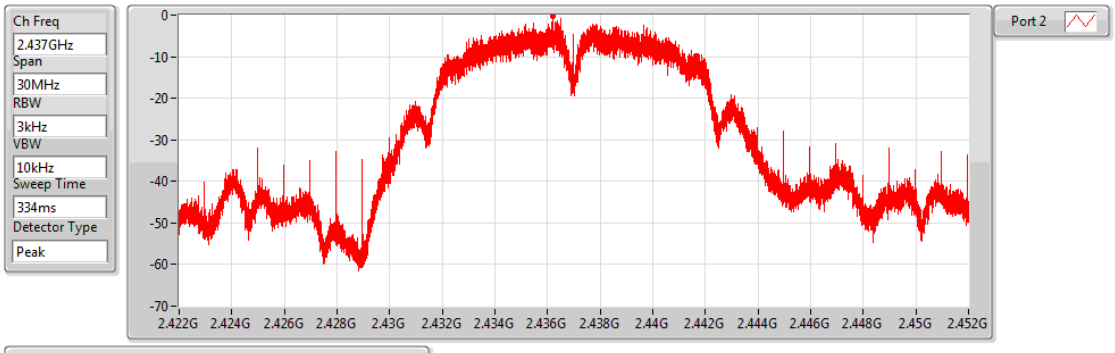


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.62	-4.62		-4.62

802.11b_Nss1,(1Mbps)_1TX PSD

2437MHz

09/07/2018

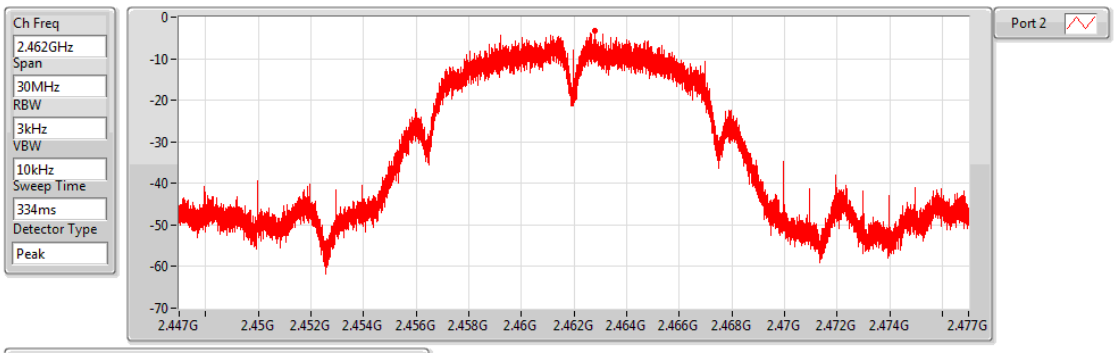


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.40	-0.40		-0.40

802.11b_Nss1,(1Mbps)_1TX PSD

2462MHz

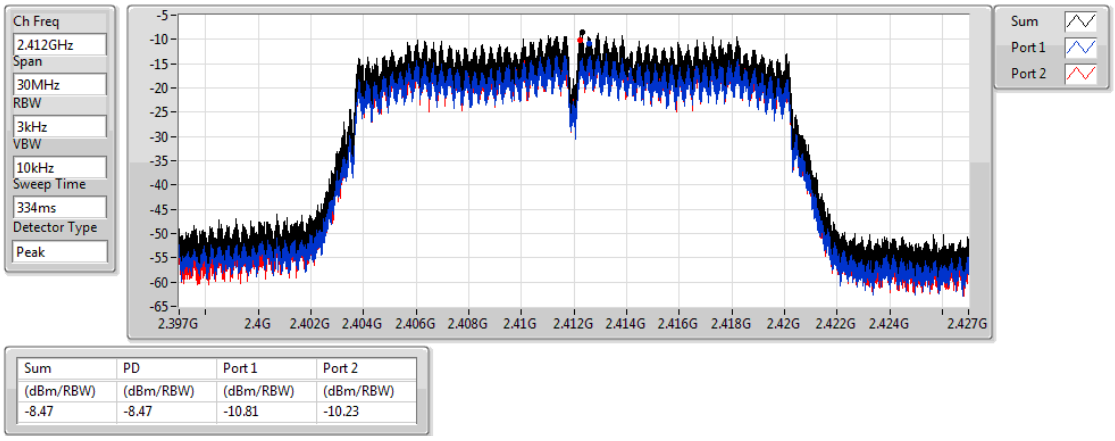
09/07/2018



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.31	-3.31		-3.31

802.11g_Nss1,(6Mbps)_2TX PSD

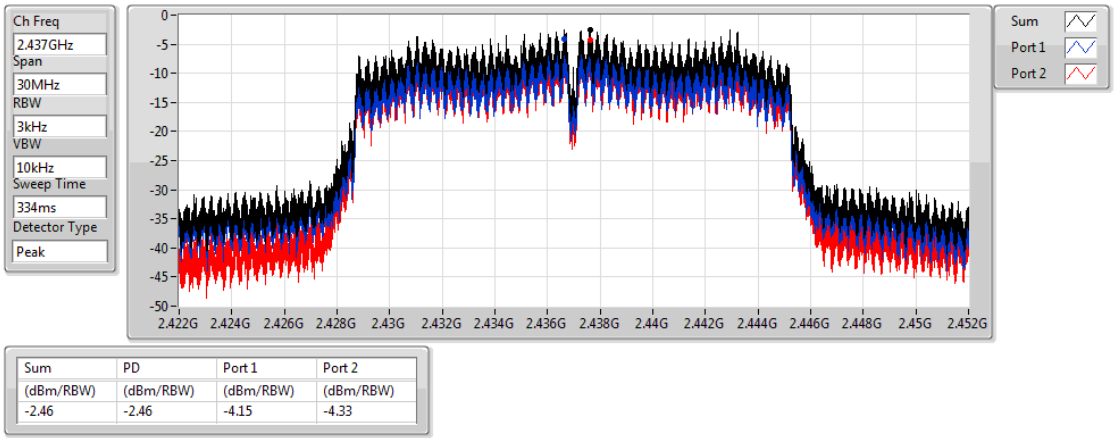
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.47	-8.47	-10.81	-10.23

802.11g_Nss1,(6Mbps)_2TX PSD

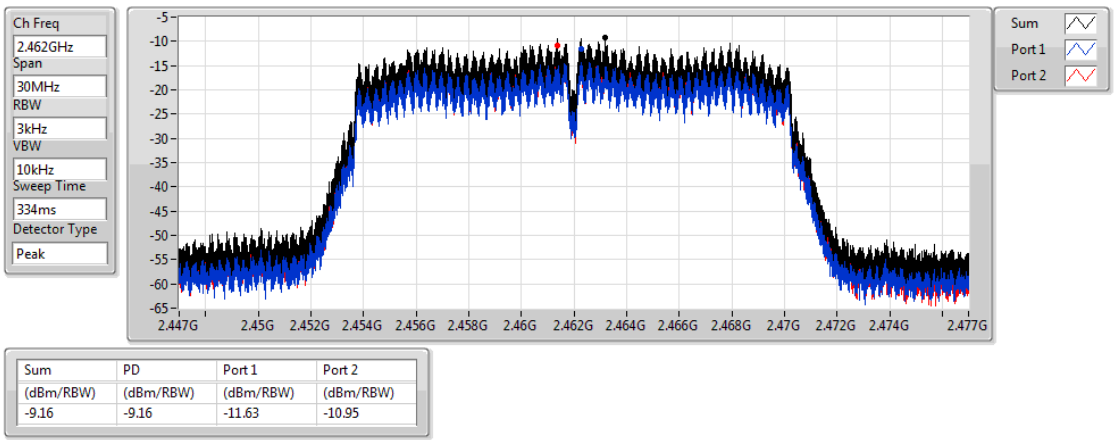
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.46	-2.46	-4.15	-4.33

802.11g_Nss1,(6Mbps)_2TX PSD

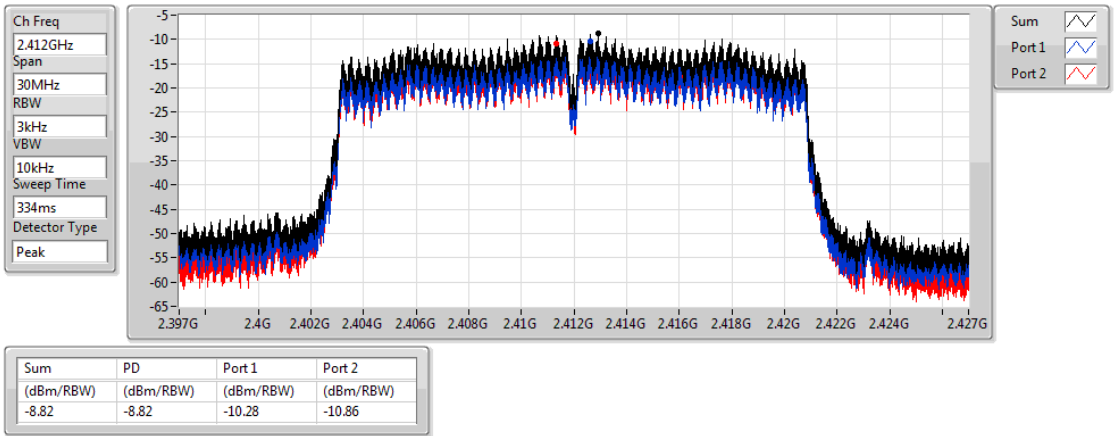
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.16	-9.16	-11.63	-10.95

802.11n HT20_Nss1,(MCS0)_2TX PSD

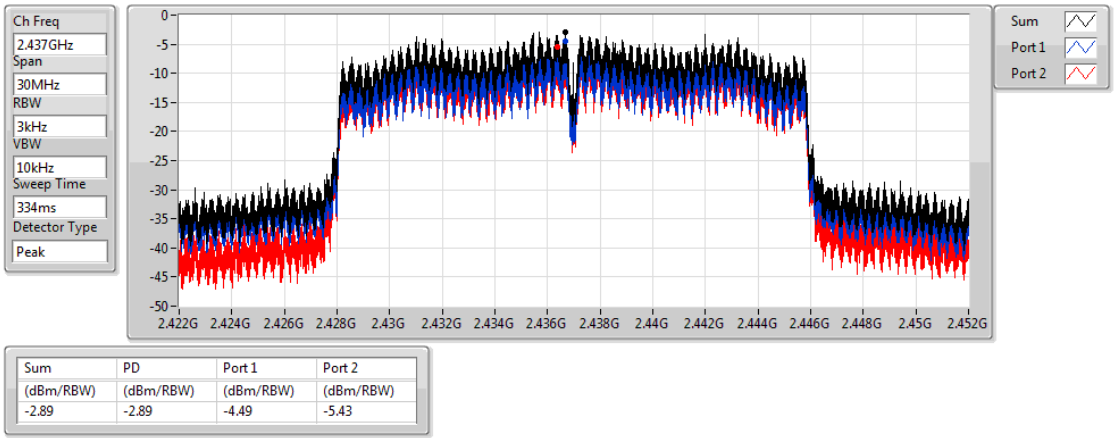
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.82	-8.82	-10.28	-10.86

802.11n HT20_Nss1,(MCS0)_2TX PSD

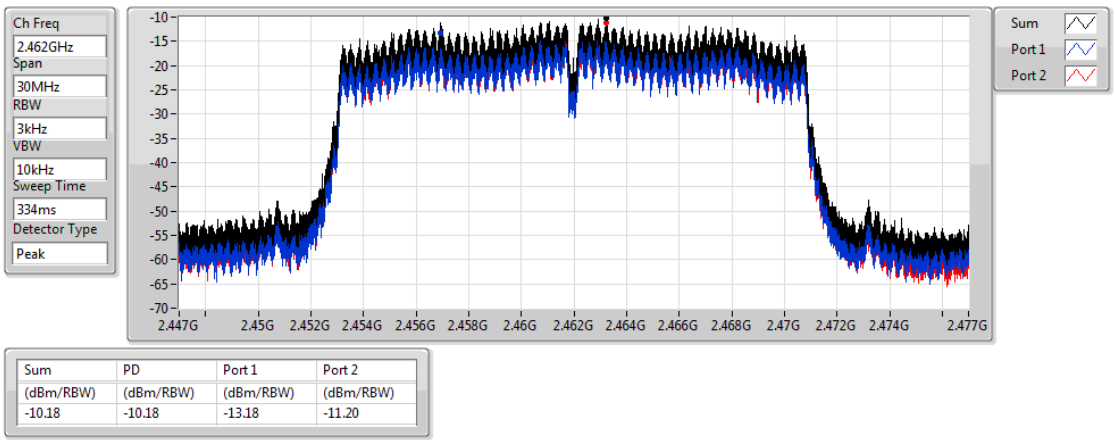
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.89	-2.89	-4.49	-5.43

802.11n HT20_Nss1,(MCS0)_2TX PSD

2462MHz

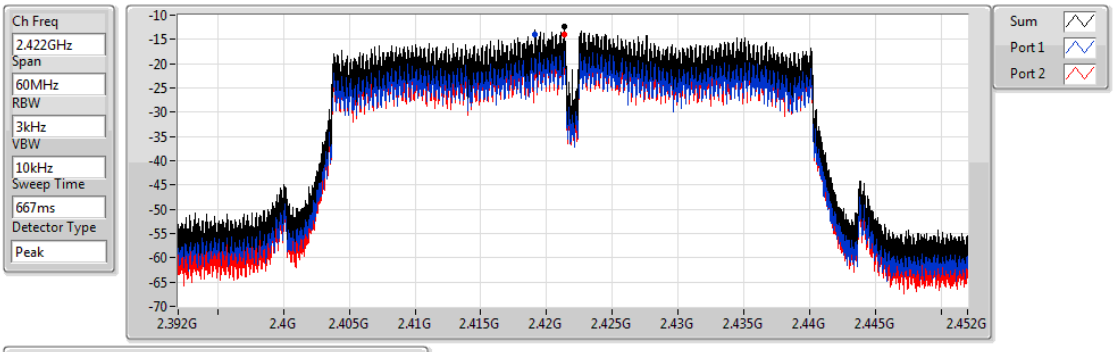


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.18	-10.18	-13.18	-11.20

802.11n HT40_Nss1,(MCS0)_2TX PSD

2422MHz

09/07/2018

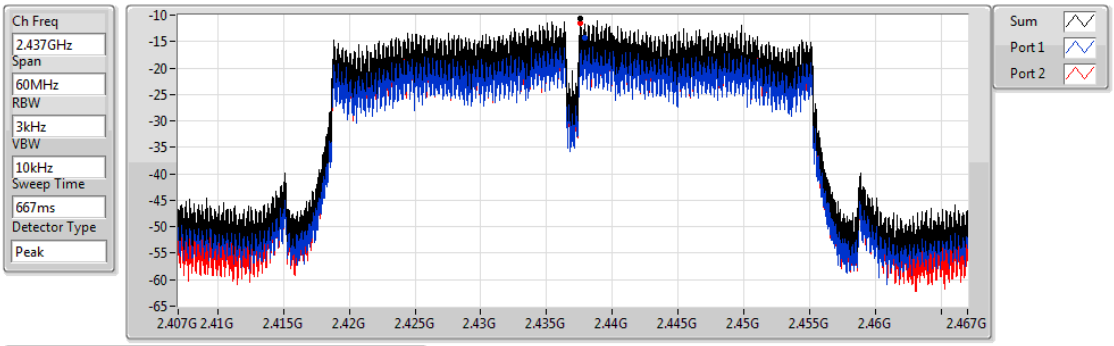


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.35	-12.35	-13.89	-14.10

802.11n HT40_Nss1,(MCS0)_2TX PSD

2437MHz

09/07/2018

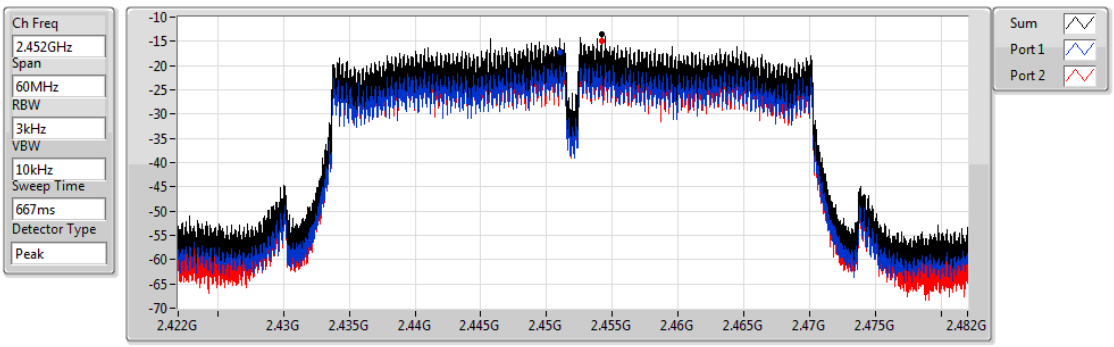


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.65	-10.65	-14.27	-11.61

802.11n HT40_Nss1,(MCS0)_2TX PSD

2452MHz

09/07/2018



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.58	-13.58	-17.27	-14.82

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.435905G	12.16	-17.84	2.309905G	-57.36	2.39704G	-30.94	2.4975G	-51.10	6.959799G	-53.96	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.438243G	8.87	-21.13	2.30175G	-59.40	2.39976G	-33.73	2.49166G	-53.09	3.214652G	-41.70	1
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.439412G	8.81	-21.19	30M	-57.27	2.39792G	-31.74	2.4867G	-53.58	3.214652G	-41.65	1
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.428223G	-0.45	-30.45	30M	-57.66	2.39952G	-30.99	2.48382G	-41.10	3.247813G	-43.68	1

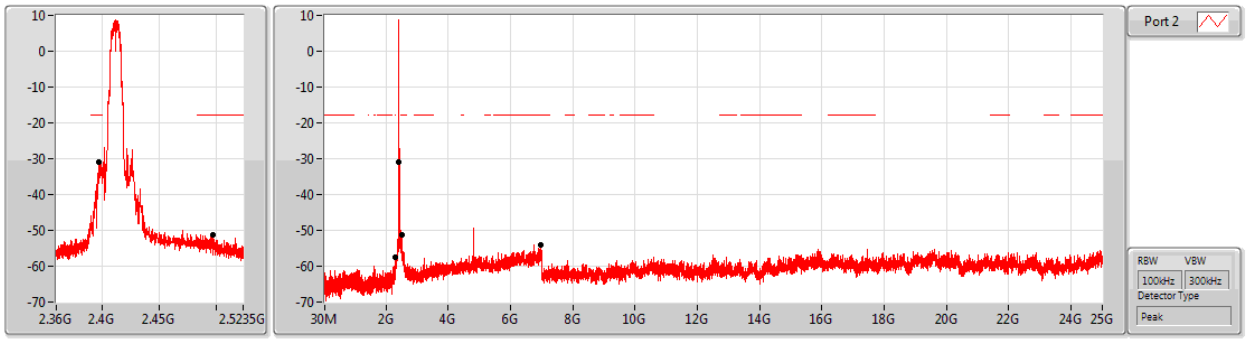
Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.435905G	12.16	-17.84	2.309905G	-57.36	2.39704G	-30.94	2.4975G	-51.10	6.959799G	-53.96	2
2437MHz	Pass	2.435905G	12.16	-17.84	2.309905G	-58.16	2.398G	-49.44	2.48478G	-49.34	6.749082G	-53.19	2
2462MHz	Pass	2.435905G	12.16	-17.84	1.64236G	-59.12	2.39664G	-53.79	2.48366G	-40.49	2.5235G	-53.26	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.438243G	8.87	-21.13	2.30175G	-59.40	2.39976G	-33.73	2.49166G	-53.09	3.214652G	-41.70	1
2412MHz	Pass	2.438243G	8.87	-21.13	2.309905G	-59.23	2.39576G	-34.07	2.49102G	-53.05	6.159074G	-54.46	2
2437MHz	Pass	2.438243G	8.87	-21.13	2.30175G	-58.22	2.3992G	-35.23	2.4863G	-40.05	5.619638G	-39.38	1
2437MHz	Pass	2.438243G	8.87	-21.13	2.309905G	-59.56	2.39912G	-38.45	2.48374G	-44.01	2.5235G	-52.36	2
2462MHz	Pass	2.438243G	8.87	-21.13	2.307575G	-58.65	2.39224G	-56.55	2.48382G	-40.79	3.282082G	-44.47	1
2462MHz	Pass	2.438243G	8.87	-21.13	2.300585G	-60.63	2.39832G	-55.75	2.48382G	-42.30	6.802464G	-54.45	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.439412G	8.81	-21.19	30M	-57.27	2.39792G	-31.74	2.4867G	-53.58	3.214652G	-41.65	1
2412MHz	Pass	2.439412G	8.81	-21.19	2.30874G	-58.47	2.3992G	-34.00	2.49782G	-53.70	6.855845G	-53.40	2
2437MHz	Pass	2.439412G	8.81	-21.19	2.307575G	-57.41	2.39888G	-34.06	2.48478G	-39.48	3.248367G	-40.74	1
2437MHz	Pass	2.439412G	8.81	-21.19	2.305245G	-58.09	2.39888G	-37.35	2.48382G	-43.07	2.531929G	-52.87	2
2462MHz	Pass	2.439412G	8.81	-21.19	33.495M	-52.94	2.3924G	-56.16	2.48382G	-42.05	3.282082G	-44.29	1
2462MHz	Pass	2.439412G	8.81	-21.19	1.657505G	-59.95	2.39072G	-56.22	2.48358G	-42.74	6.931704G	-54.43	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.428223G	-0.45	-30.45	30M	-57.11	2.39984G	-34.56	2.48494G	-51.94	3.228181G	-43.29	1
2422MHz	Pass	2.428223G	-0.45	-30.45	2.06581G	-60.95	2.39984G	-35.62	2.48366G	-53.77	24.935495G	-53.67	2
2437MHz	Pass	2.428223G	-0.45	-30.45	30M	-57.66	2.39952G	-30.99	2.48382G	-41.10	3.247813G	-43.68	1
2437MHz	Pass	2.428223G	-0.45	-30.45	955.16M	-59.59	2.39952G	-34.10	2.48414G	-43.31	6.450624G	-53.14	2
2452MHz	Pass	2.428223G	-0.45	-30.45	32.29M	-55.94	2.39584G	-55.21	2.48686G	-40.55	3.267445G	-44.79	1
2452MHz	Pass	2.428223G	-0.45	-30.45	2.30168G	-60.82	2.39952G	-54.80	2.49006G	-42.88	6.997513G	-54.70	2

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

2412MHz

09/07/2018

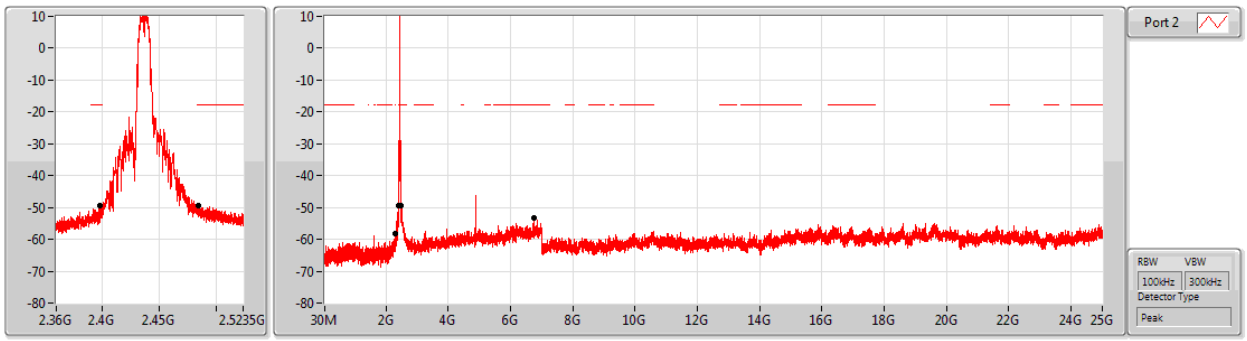


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435905G	12.16	-17.84	2.309905G	-57.36	2.39704G	-30.94	2.4975G	-51.10	6.959799G	-53.96	2

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

2437MHz

09/07/2018

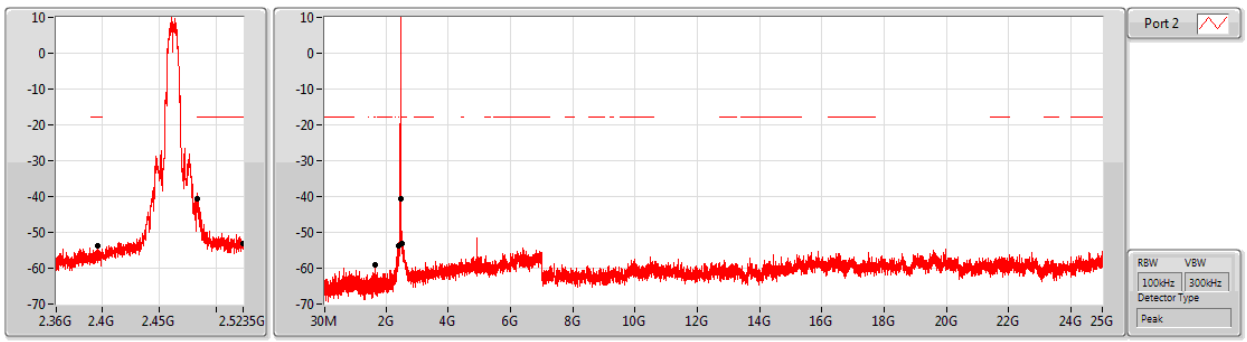


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435905G	12.16	-17.84	2.309905G	-58.16	2.398G	-49.44	2.48478G	-49.34	6.749082G	-53.19	2

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

2462MHz

09/07/2018

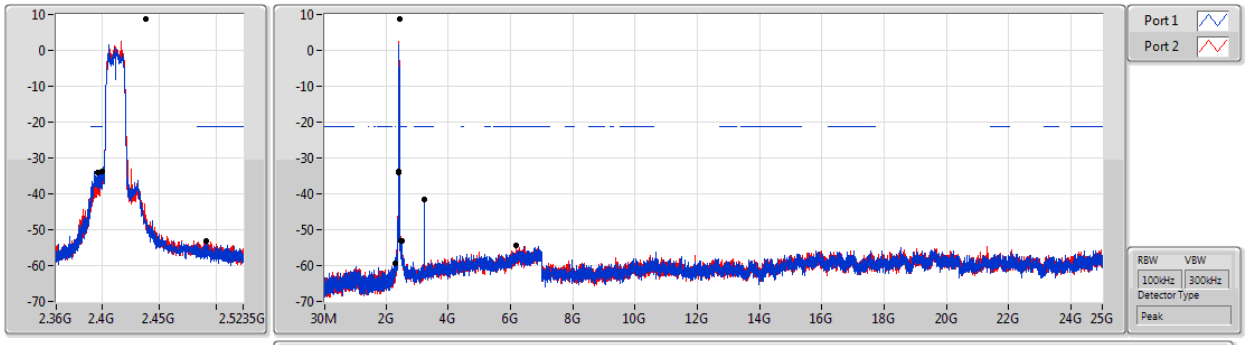


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435905G	12.16	-17.84	1.64236G	-59.12	2.39664G	-53.79	2.48366G	-40.49	2.5235G	-53.26	2

802.11g_Nss1,(6Mbps)_2TX **CSE NdB**

2412MHz

09/07/2018

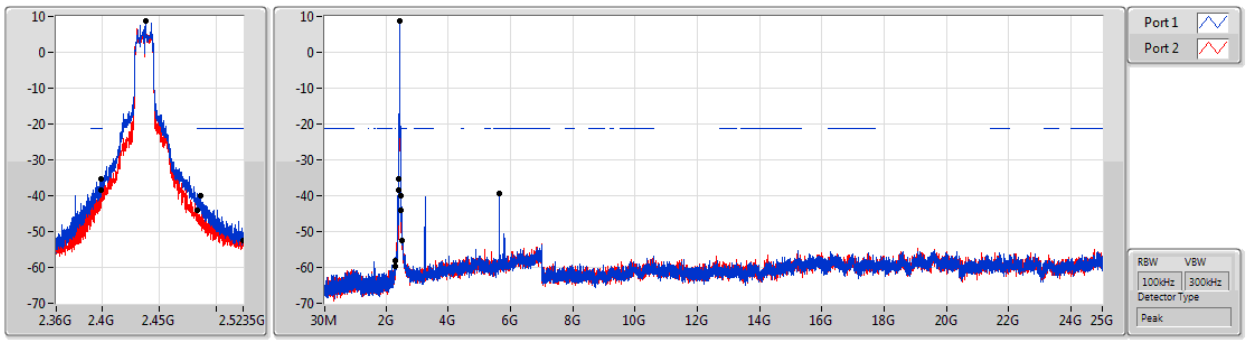


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438243G	8.87	-21.13	2.30175G	-59.40	2.39976G	-33.73	2.49166G	-53.09	3.214652G	-41.70	1
2.438243G	8.87	-21.13	2.309905G	-59.23	2.39576G	-34.07	2.49102G	-53.05	6.159074G	-54.46	2

802.11g_Nss1,(6Mbps)_2TX **CSE NdB**

2437MHz

09/07/2018

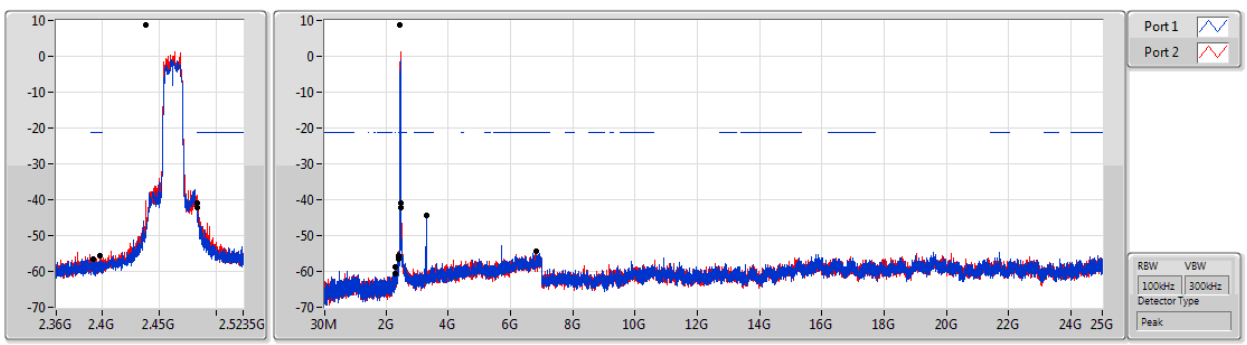


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438243G	8.87	-21.13	2.30175G	-58.22	2.3992G	-35.23	2.4863G	-40.05	5.619638G	-39.38	1
2.438243G	8.87	-21.13	2.309905G	-59.56	2.39912G	-38.45	2.48374G	-44.01	2.5235G	-52.36	2

802.11g_Nss1,(6Mbps)_2TX **CSE NdB**

2462MHz

09/07/2018

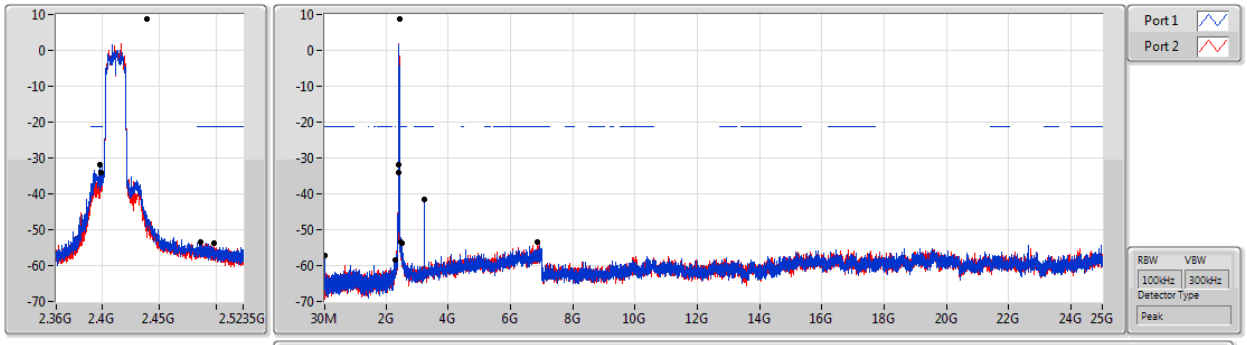


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438243G	8.87	-21.13	2.307575G	-58.65	2.39224G	-56.55	2.48382G	-40.79	3.282082G	-44.47	1
2.438243G	8.87	-21.13	2.300585G	-60.63	2.39832G	-55.75	2.48382G	-42.30	6.802464G	-54.45	2

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

2412MHz

09/07/2018

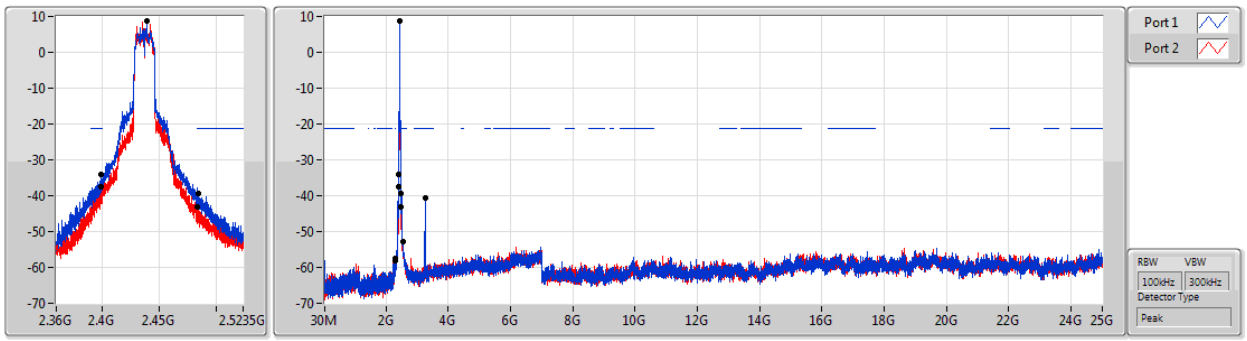


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.439412G	8.81	-21.19	30M	-57.27	2.39792G	-31.74	2.4867G	-53.58	3.214652G	-41.65	1
2.439412G	8.81	-21.19	2.30874G	-58.47	2.3992G	-34.00	2.49782G	-53.70	6.855845G	-53.40	2

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

2437MHz

09/07/2018

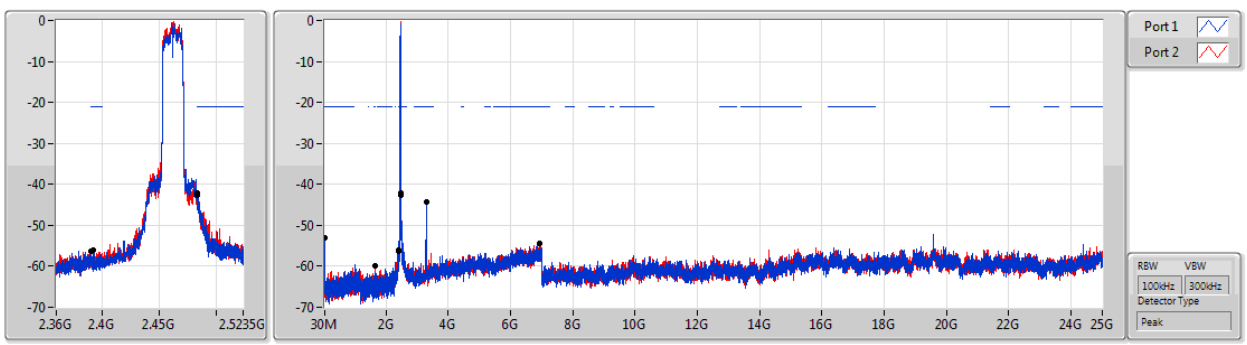


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.439412G	8.81	-21.19	2.307575G	-57.41	2.39888G	-34.06	2.48478G	-39.48	3.248367G	-40.74	1
2.439412G	8.81	-21.19	2.305245G	-58.09	2.39888G	-37.35	2.48382G	-43.07	2.531929G	-52.87	2

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

2462MHz

09/07/2018

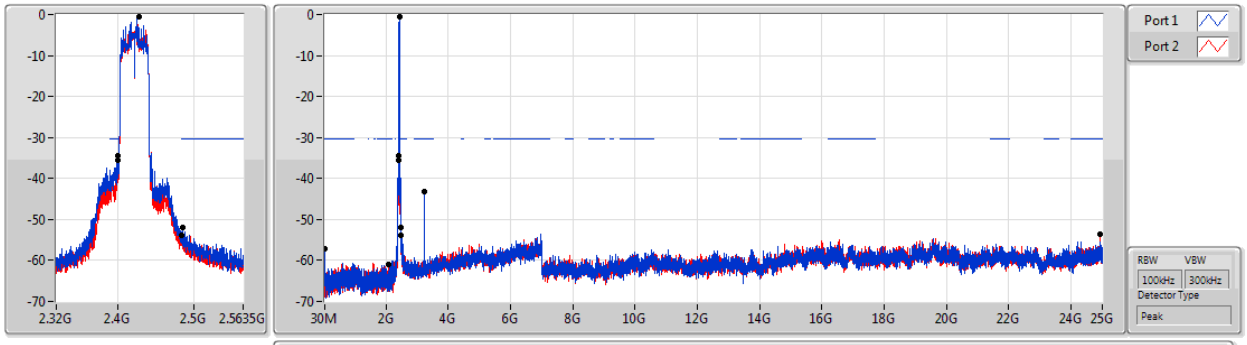


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.439412G	8.81	-21.19	33.495M	-52.94	2.3924G	-56.16	2.48382G	-42.05	3.282082G	-44.29	1
2.439412G	8.81	-21.19	1.657505G	-59.95	2.39072G	-56.22	2.48358G	-42.74	6.931704G	-54.43	2

802.11n HT40_Nss1,(MCS0)_2TX CSE NdB

2422MHz

09/07/2018

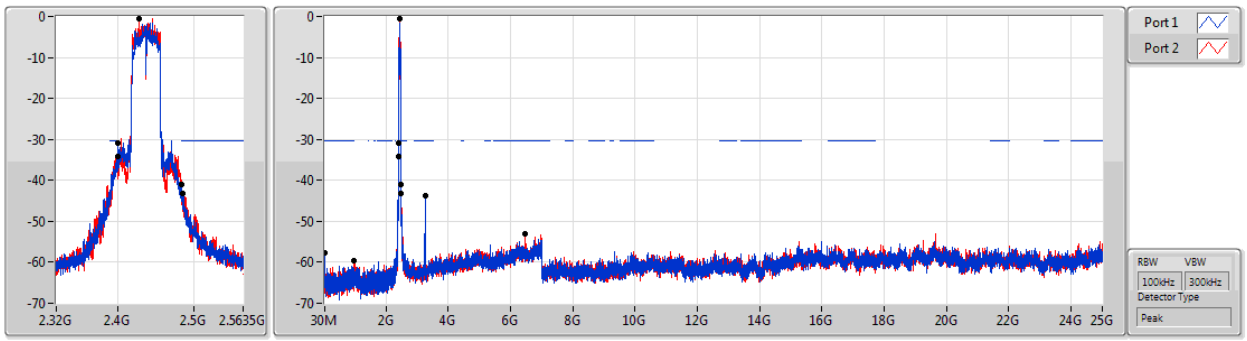


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.428223G	-0.45	-30.45	30M	-57.11	2.39984G	-34.56	2.48494G	-51.94	3.228181G	-43.29	1
2.428223G	-0.45	-30.45	2.06581G	-60.95	2.39984G	-35.62	2.48366G	-53.77	24.935495G	-53.67	2

802.11n HT40_Nss1,(MCS0)_2TX CSE NdB

2437MHz

09/07/2018

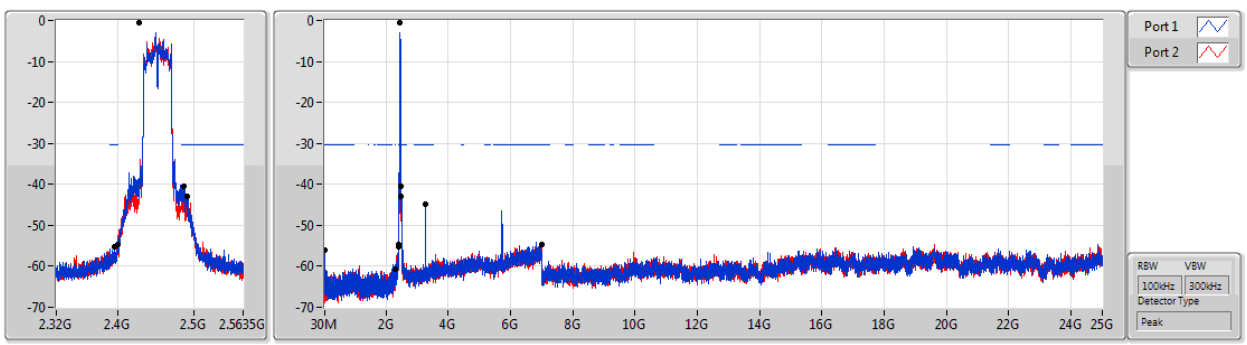


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.428223G	-0.45	-30.45	30M	-57.66	2.39952G	-30.99	2.48382G	-41.10	3.247813G	-43.68	1
2.428223G	-0.45	-30.45	955.16M	-59.59	2.39952G	-34.10	2.48414G	-43.31	6.450624G	-53.14	2

802.11n HT40_Nss1,(MCS0)_2TX CSE NdB

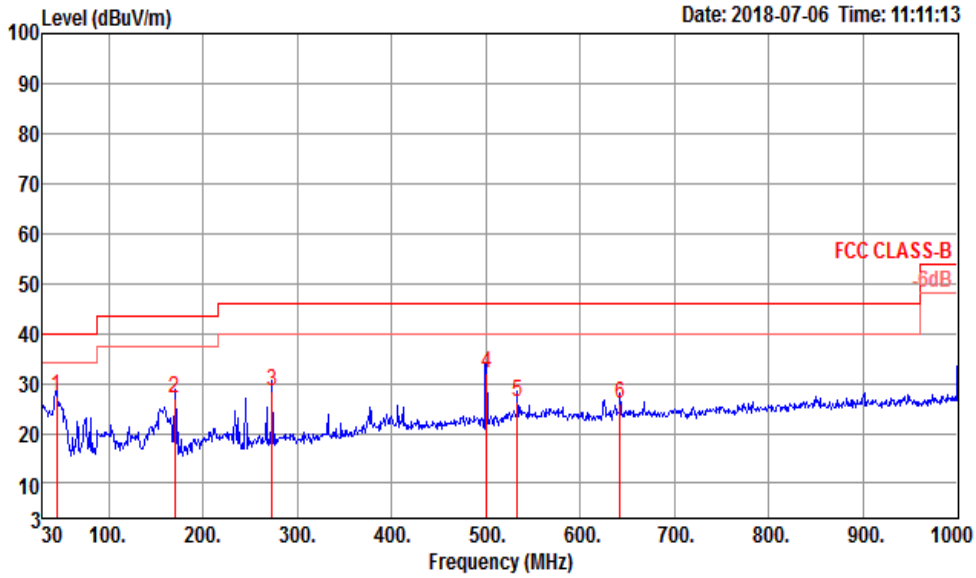
2452MHz

09/07/2018



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.428223G	-0.45	-30.45	32.29M	-55.94	2.39584G	-55.21	2.48686G	-40.55	3.267445G	-44.79	1
2.428223G	-0.45	-30.45	2.30168G	-60.82	2.39952G	-54.80	2.49006G	-42.88	6.997513G	-54.70	2

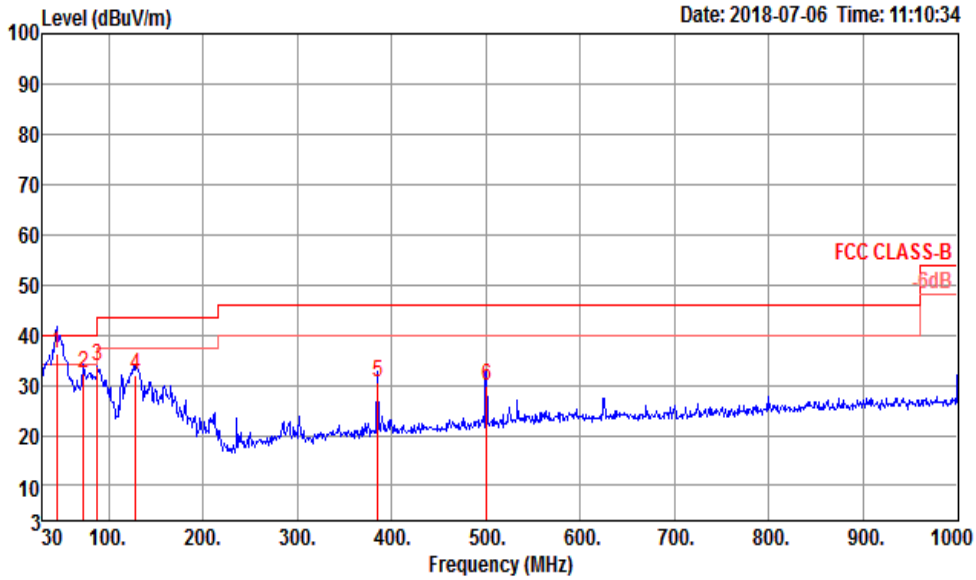
RSE below 1GHz Result			
Operating Mode	1	**Polarization**	Horizontal
Operating Function	Normal Link		



	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	44.55	27.31	40.00	-12.69	41.76	0.00	17.25	31.70	300	109	QP	HORIZONTAL
2	169.68	26.82	43.50	-16.68	42.70	0.00	16.03	31.91	200	332	QP	HORIZONTAL
3	273.47	28.56	46.00	-17.44	41.17	0.00	19.40	32.01	125	31	QP	HORIZONTAL
4	500.45	32.12	46.00	-13.88	40.55	0.00	23.83	32.26	200	89	QP	HORIZONTAL
5	533.43	26.42	46.00	-19.58	34.40	0.00	24.34	32.32	100	184	QP	HORIZONTAL
6	642.07	25.94	46.00	-20.06	32.97	0.00	25.42	32.45	125	340	QP	HORIZONTAL

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

RSE 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	44.55	36.36	40.00	-3.64	50.81	0.00	17.25	31.70	100	334	QP	VERTICAL
2	73.65	32.20	40.00	-7.80	51.19	0.00	12.86	31.85	200	50	QP	VERTICAL
3	88.20	33.79	43.50	-9.71	50.73	0.00	14.91	31.85	100	120	QP	VERTICAL
4	128.94	32.10	43.50	-11.40	45.47	0.00	18.52	31.89	100	178	QP	VERTICAL
5	385.02	30.67	46.00	-15.33	40.67	0.00	22.12	32.12	125	81	QP	VERTICAL
6	500.45	29.93	46.00	-16.07	38.36	0.00	23.83	32.26	100	115	QP	VERTICAL

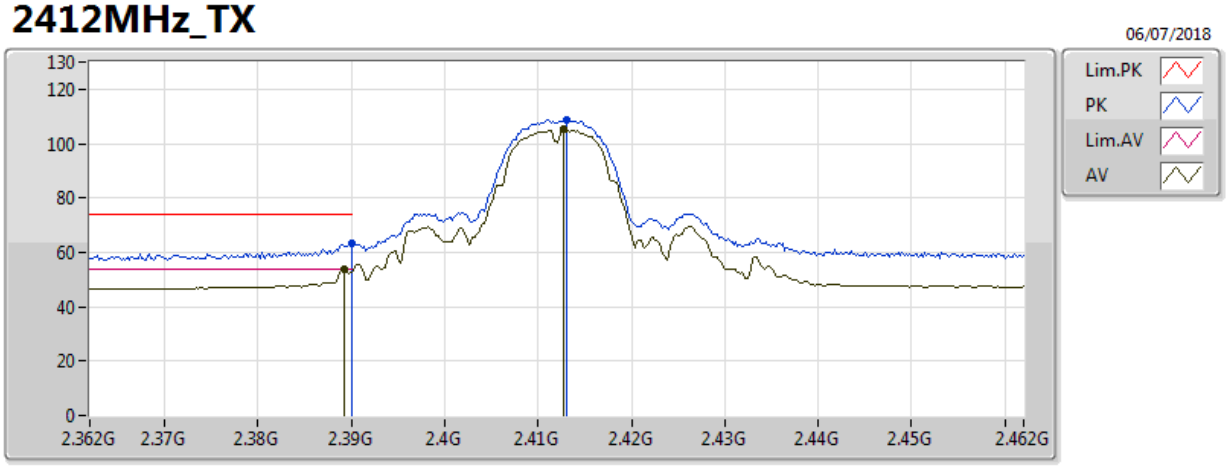
Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.484G	53.99	54.00	-0.01	32.42	3	Vertical	271	1.00	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

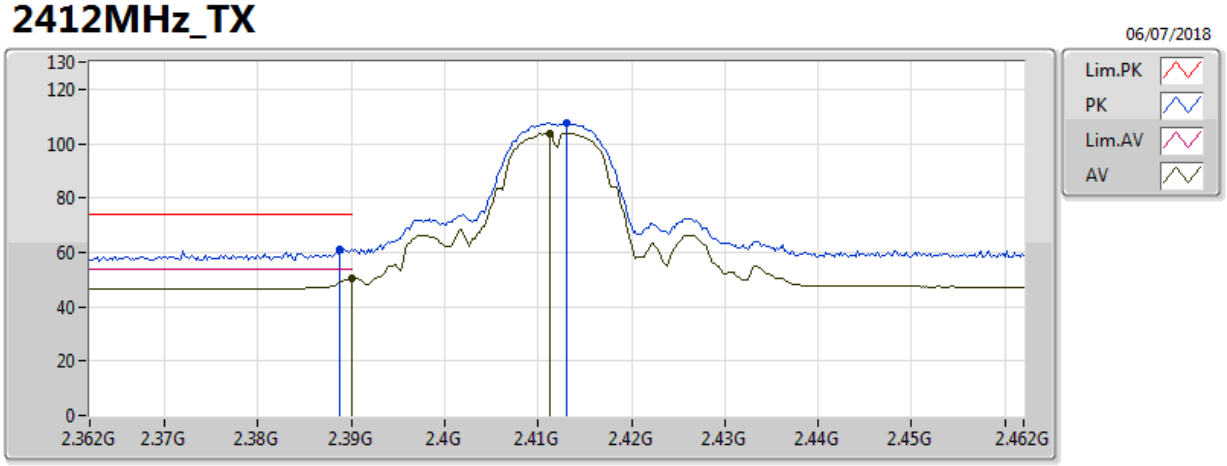


EUT Y 1TX
Setting 72
02-L-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.389998G	63.21	74.00	-10.79	31.50	3	Vertical	157	1.01	-
AV	2.3892G	53.78	54.00	-0.22	31.50	3	Vertical	157	1.01	-
PK	2.413G	108.88	Inf	-Inf	31.56	3	Vertical	157	1.01	-
AV	2.4128G	105.12	Inf	-Inf	31.56	3	Vertical	157	1.01	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

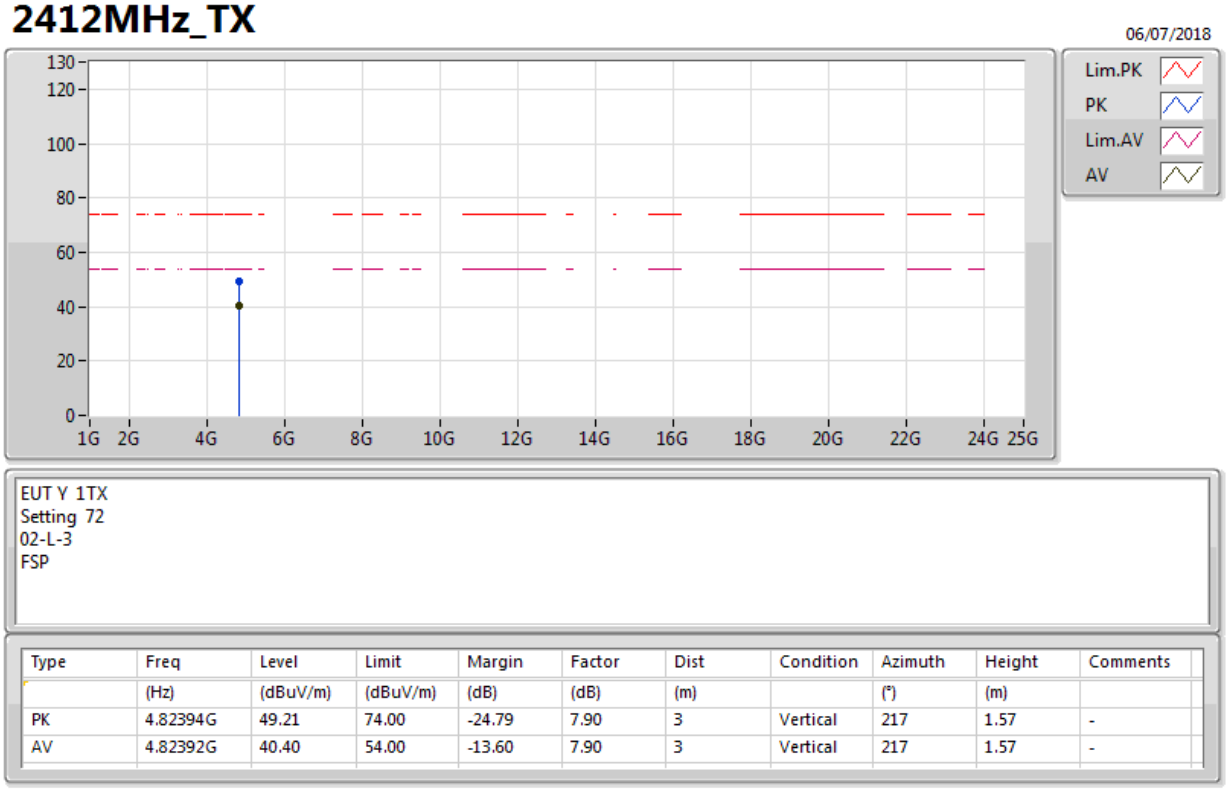


EUT Y 1TX
Setting 72
02-L-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3888G	61.17	74.00	-12.83	31.50	3	Horizontal	251	1.47	-
AV	2.389998G	50.25	54.00	-3.75	31.50	3	Horizontal	251	1.47	-
PK	2.413G	107.84	Inf	-Inf	31.56	3	Horizontal	251	1.47	-
AV	2.4112G	103.87	Inf	-Inf	31.56	3	Horizontal	251	1.47	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

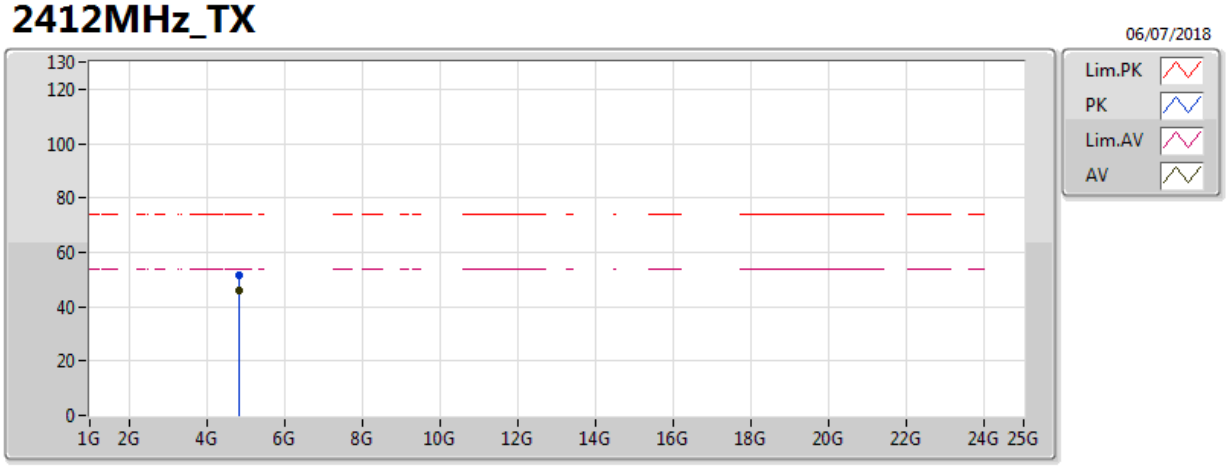


EUT Y 1TX
Setting 72
02-L-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.82394G	49.21	74.00	-24.79	7.90	3	Vertical	217	1.57	-
AV	4.82392G	40.40	54.00	-13.60	7.90	3	Vertical	217	1.57	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

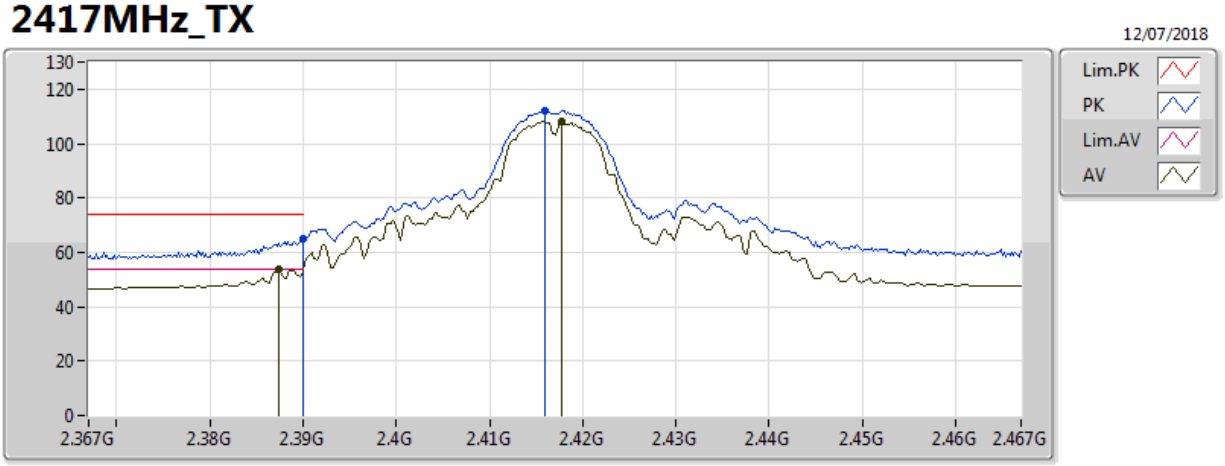


EUT Y 1TX
Setting 72
02-L-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.82394G	51.63	74.00	-22.37	7.90	3	Horizontal	235	2.30	-
AV	4.82394G	46.22	54.00	-7.78	7.90	3	Horizontal	235	2.30	-

802.11b_Nss1,(1Mbps)_1TX

2417MHz_TX

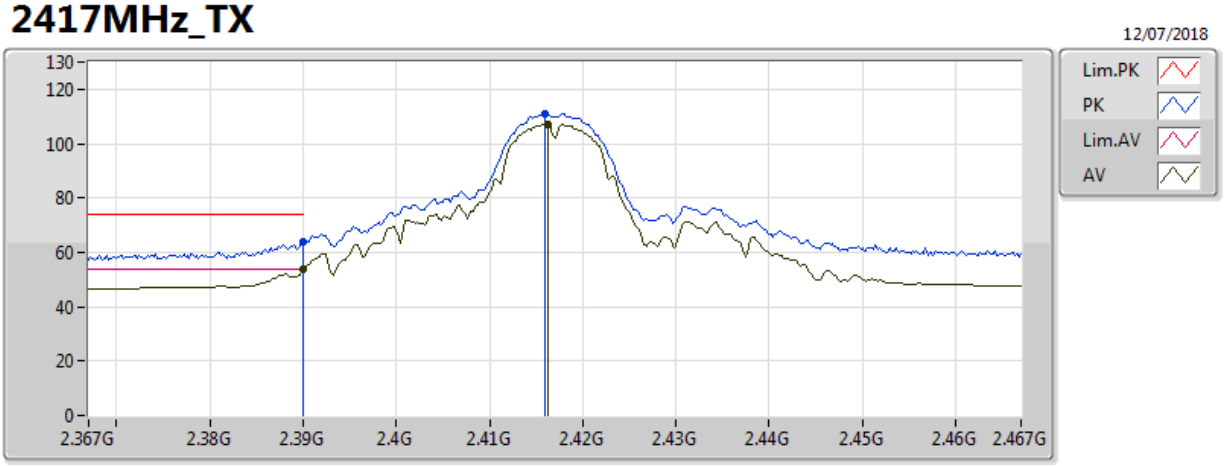


EUT Y 1TX
Setting 83
02-L-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.389998G	65.06	74.00	-8.94	31.50	3	Vertical	129	1.01	-
AV	2.3874G	53.97	54.00	-0.03	31.50	3	Vertical	129	1.01	-
PK	2.416G	112.07	Inf	-Inf	31.57	3	Vertical	129	1.01	-
AV	2.4178G	107.94	Inf	-Inf	31.57	3	Vertical	129	1.01	-

802.11b_Nss1,(1Mbps)_1TX

2417MHz_TX

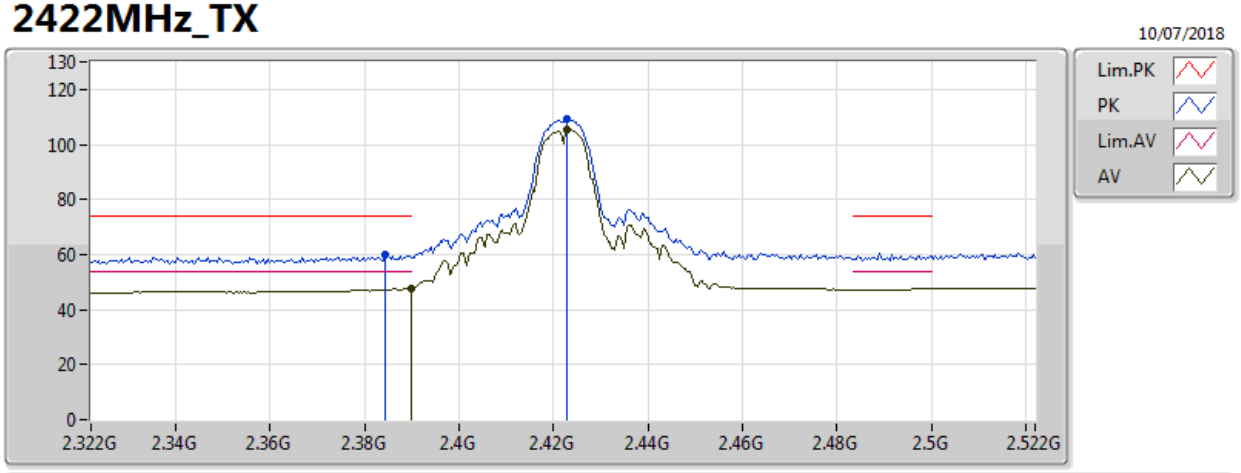


EUT Y 1TX
Setting 83
02-L-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.389998G	63.86	74.00	-10.14	31.50	3	Horizontal	229	1.48	-
AV	2.389998G	53.56	54.00	-0.44	31.50	3	Horizontal	229	1.48	-
PK	2.416G	110.96	Inf	-Inf	31.57	3	Horizontal	229	1.48	-
AV	2.4162G	107.06	Inf	-Inf	31.57	3	Horizontal	229	1.48	-

802.11b_Nss1,(1Mbps)_1TX

2422MHz_TX

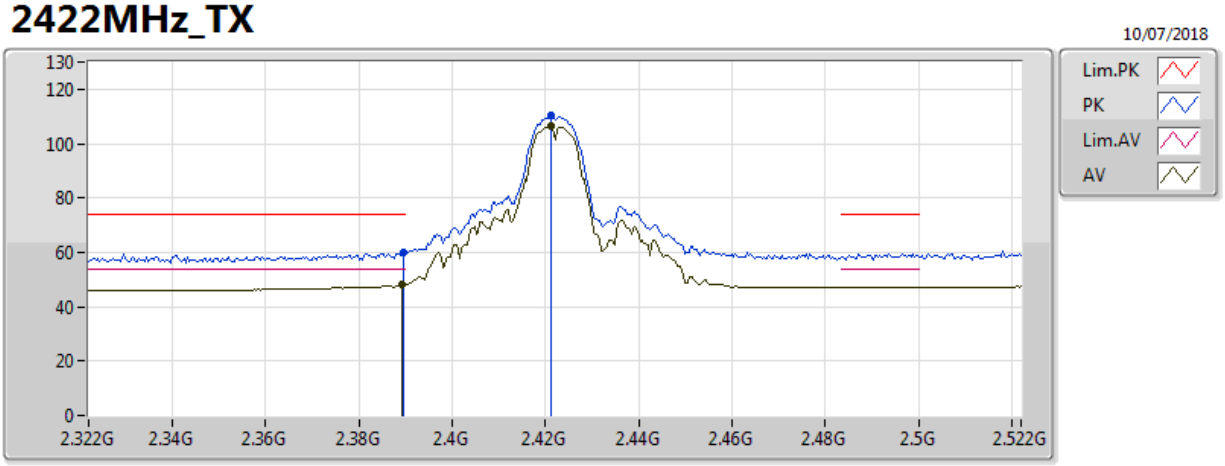


EUT Y_1TX_ANT1
Setting 84
02-P-2
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3844G	59.84	74.00	-14.16	31.49	3	Vertical	74	1.16	-
AV	2.389998G	47.87	54.00	-6.13	31.50	3	Vertical	74	1.16	-
PK	2.4228G	109.26	Inf	-Inf	31.58	3	Vertical	74	1.16	-
AV	2.4228G	105.28	Inf	-Inf	31.58	3	Vertical	74	1.16	-

802.11b_Nss1,(1Mbps)_1TX

2422MHz_TX

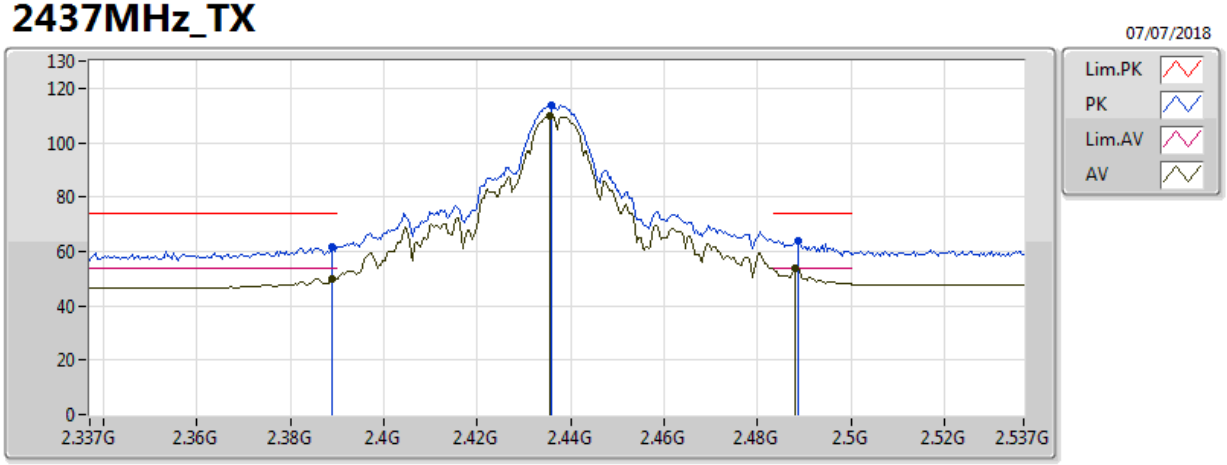


EUT Y_1TX_ANT1
Setting 84
02-P-2
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3896G	59.91	74.00	-14.09	31.50	3	Horizontal	101	2.52	-
AV	2.3892G	48.06	54.00	-5.94	31.50	3	Horizontal	101	2.52	-
PK	2.4212G	110.12	Inf	-Inf	31.58	3	Horizontal	101	2.52	-
AV	2.4212G	106.26	Inf	-Inf	31.58	3	Horizontal	101	2.52	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

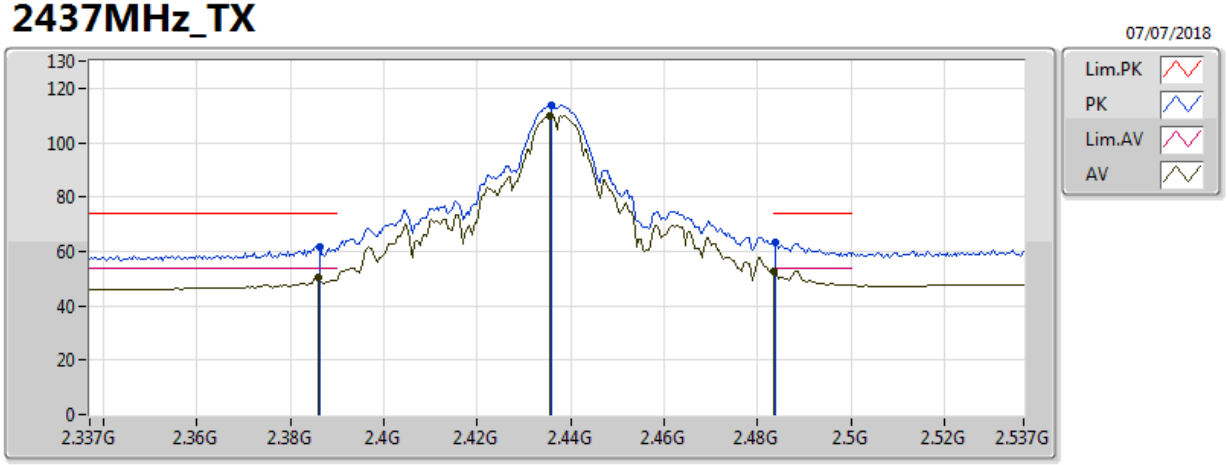


EUT Y 1TX
Setting 84
02-L-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.389G	61.68	74.00	-12.32	31.50	3	Vertical	360	2.81	-
AV	2.389G	50.15	54.00	-3.85	31.50	3	Vertical	360	2.81	-
PK	2.4358G	113.76	Inf	-Inf	31.62	3	Vertical	360	2.81	-
AV	2.4354G	109.78	Inf	-Inf	31.61	3	Vertical	360	2.81	-
PK	2.4886G	64.10	74.00	-9.90	31.74	3	Vertical	360	2.81	-
AV	2.4882G	53.80	54.00	-0.20	31.74	3	Vertical	360	2.81	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

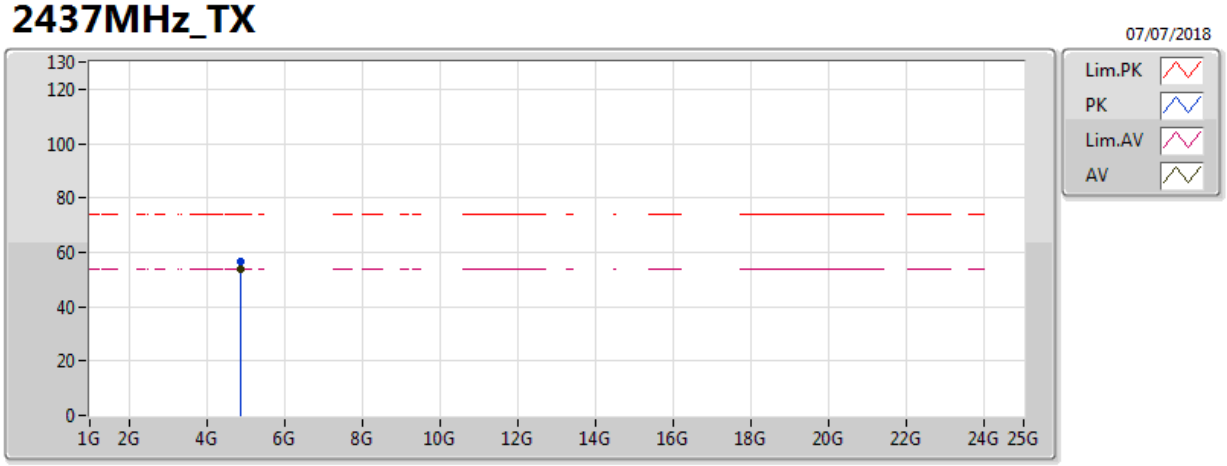


EUT Y 1TX
Setting 84
02-L-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3862G	61.76	74.00	-12.24	31.49	3	Horizontal	43	2.82	-
AV	2.3858G	50.20	54.00	-3.80	31.49	3	Horizontal	43	2.82	-
PK	2.4358G	113.79	Inf	-Inf	31.62	3	Horizontal	43	2.82	-
AV	2.4354G	109.80	Inf	-Inf	31.61	3	Horizontal	43	2.82	-
PK	2.4838G	63.28	74.00	-10.72	31.73	3	Horizontal	43	2.82	-
AV	2.483502G	52.76	54.00	-1.24	31.73	3	Horizontal	43	2.82	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

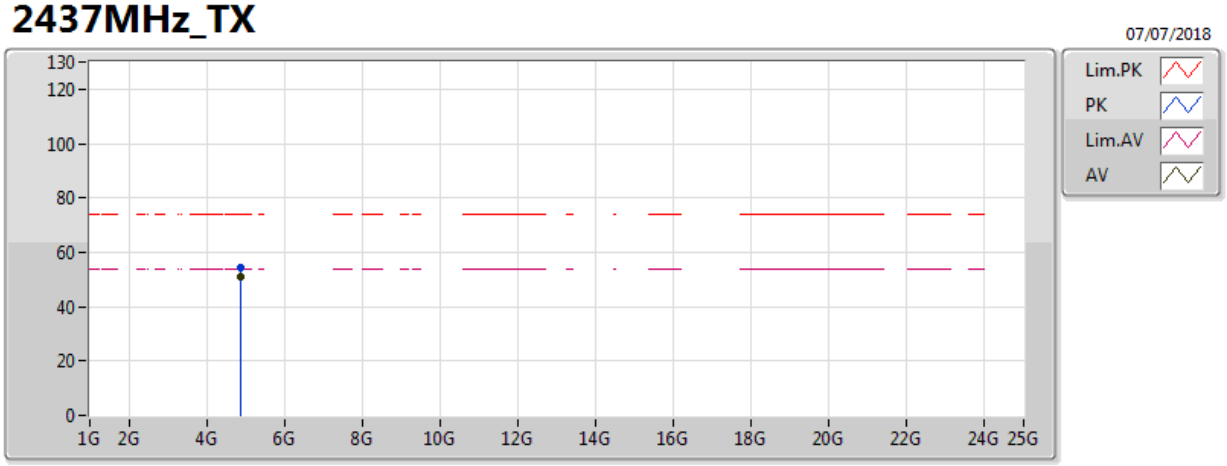


EUT Y 1TX
Setting 84
02-L-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.87397G	56.80	74.00	-17.20	8.01	3	Vertical	247	2.44	-
AV	4.87394G	53.98	54.00	-0.02	8.01	3	Vertical	247	2.44	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

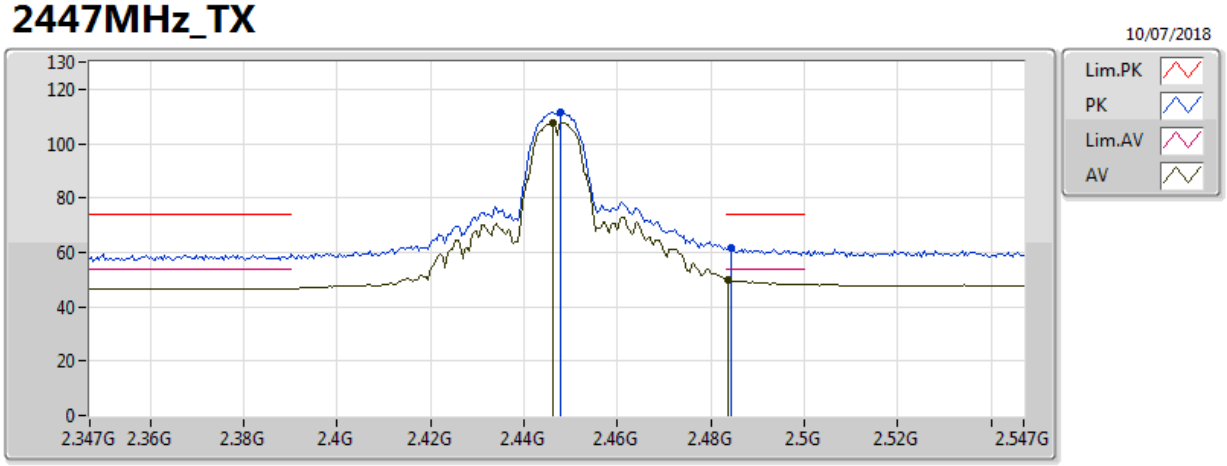


EUT Y 1TX
Setting 84
02-L-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.87405G	54.30	74.00	-19.70	8.01	3	Horizontal	214	2.94	-
AV	4.87393G	50.97	54.00	-3.03	8.01	3	Horizontal	214	2.94	-

802.11b_Nss1,(1Mbps)_1TX

2447MHz_TX

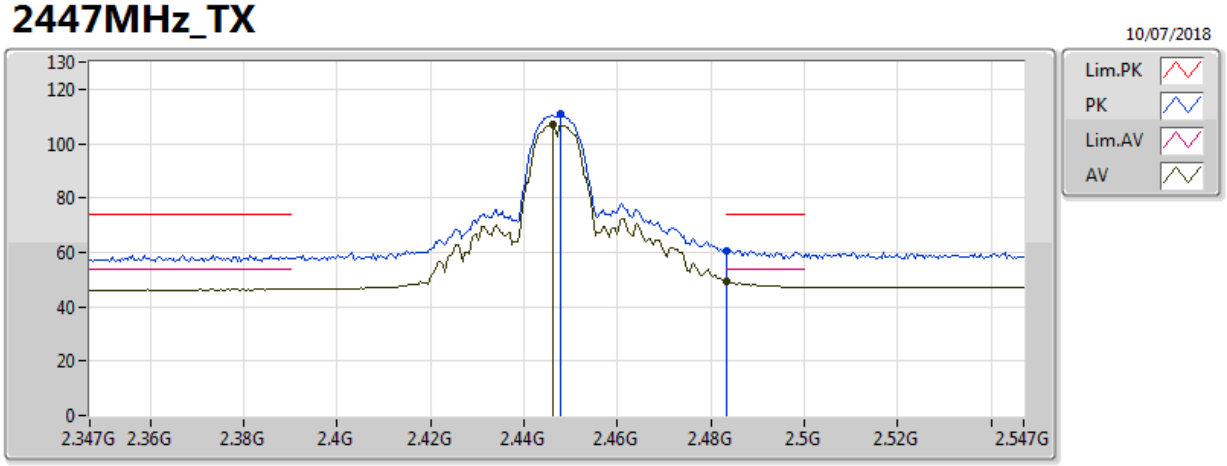


EUT Y_1TX_ANT1
Setting 84
02-P-2
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.4478G	111.66	Inf	-Inf	31.64	3	Vertical	216	1.08	-
AV	2.4462G	107.79	Inf	-Inf	31.64	3	Vertical	216	1.08	-
PK	2.4842G	61.67	74.00	-12.33	31.73	3	Vertical	216	1.08	-
AV	2.4838G	50.07	54.00	-3.93	31.73	3	Vertical	216	1.08	-

802.11b_Nss1,(1Mbps)_1TX

2447MHz_TX

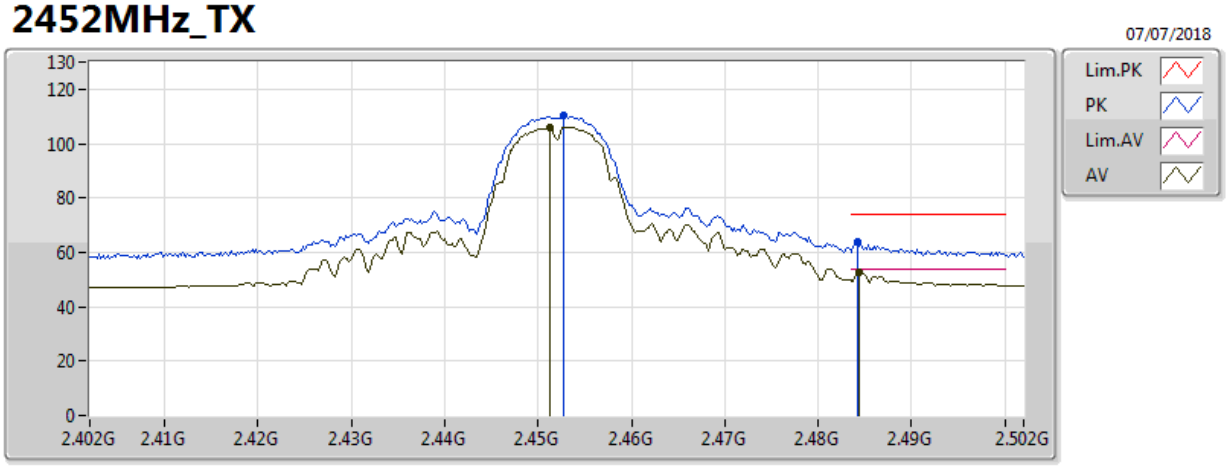


EUT Y_1TX_ANT1
Setting 84
02-P-2
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.4478G	110.76	Inf	-Inf	31.64	3	Horizontal	223	2.71	-
AV	2.4462G	106.85	Inf	-Inf	31.64	3	Horizontal	223	2.71	-
PK	2.483502G	60.52	74.00	-13.48	31.73	3	Horizontal	223	2.71	-
AV	2.483502G	49.29	54.00	-4.71	31.73	3	Horizontal	223	2.71	-

802.11b_Nss1,(1Mbps)_1TX

2452MHz_TX

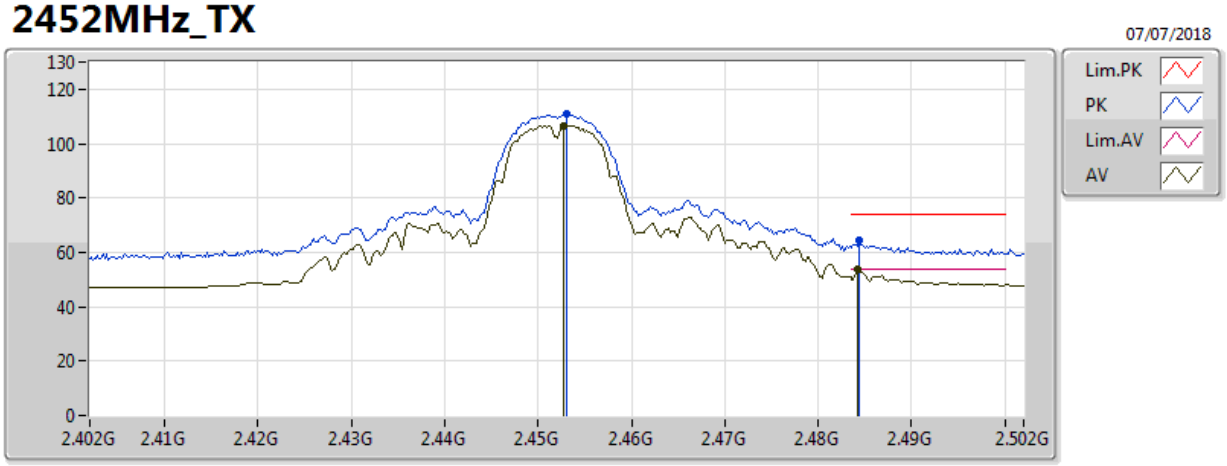


EUT Y 1TX
Setting 83
02-L-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.4528G	110.26	Inf	-Inf	31.66	3	Vertical	257	1.09	-
AV	2.4512G	106.13	Inf	-Inf	31.65	3	Vertical	257	1.09	-
PK	2.4842G	63.80	74.00	-10.20	31.73	3	Vertical	257	1.09	-
AV	2.4844G	52.84	54.00	-1.16	31.73	3	Vertical	257	1.09	-

802.11b_Nss1,(1Mbps)_1TX

2452MHz_TX

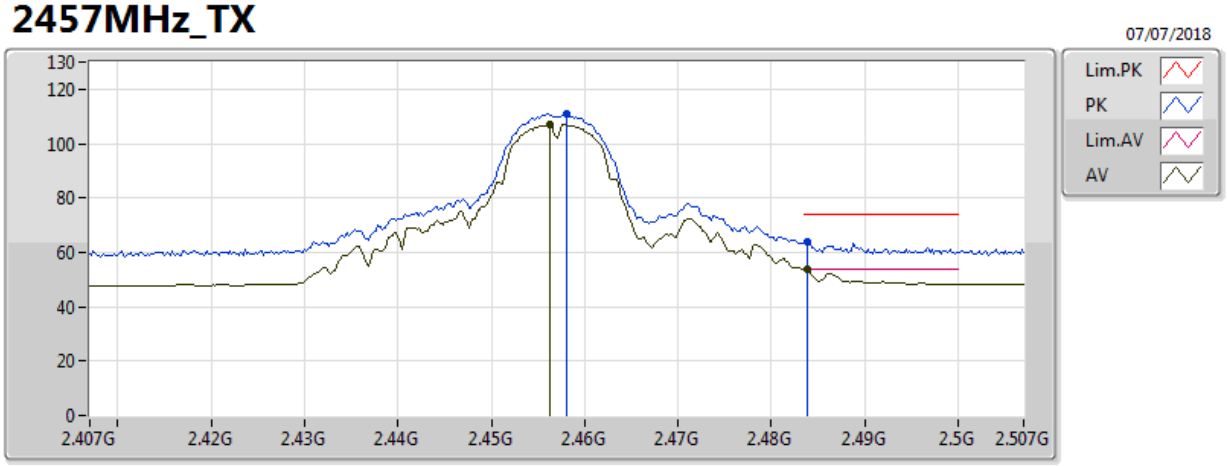


EUT Y 1TX
Setting 83
02-L-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.453G	110.75	Inf	-Inf	31.66	3	Horizontal	220	2.21	-
AV	2.4528G	106.66	Inf	-Inf	31.66	3	Horizontal	220	2.21	-
PK	2.4844G	64.26	74.00	-9.74	31.73	3	Horizontal	220	2.21	-
AV	2.4842G	53.58	54.00	-0.42	31.73	3	Horizontal	220	2.21	-

802.11b_Nss1,(1Mbps)_1TX

2457MHz_TX

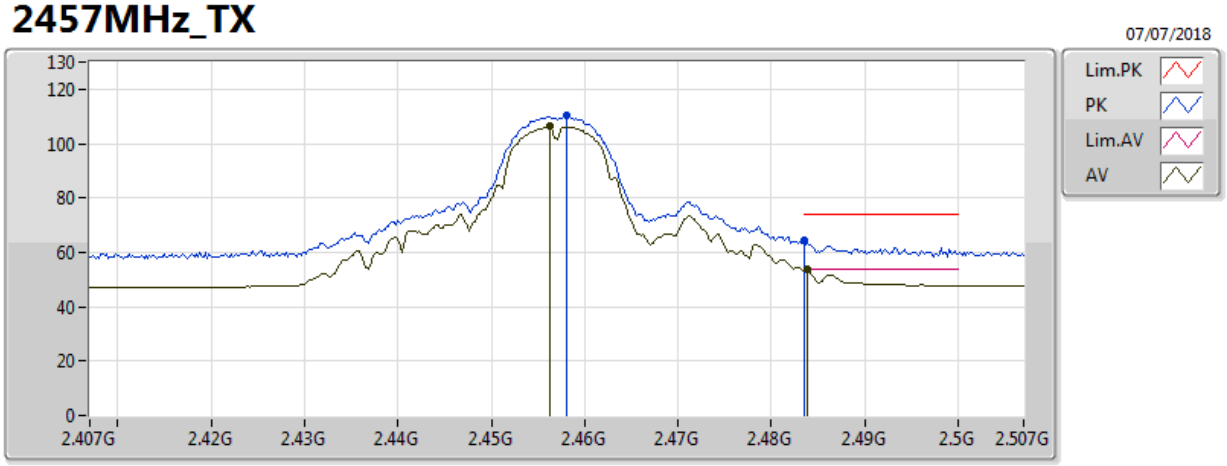


EUT Y 1TX
Setting 82
02-L-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.458G	110.75	Inf	-Inf	31.67	3	Vertical	211	1.01	-
AV	2.4562G	106.99	Inf	-Inf	31.66	3	Vertical	211	1.01	-
PK	2.4838G	64.14	74.00	-9.86	31.73	3	Vertical	211	1.01	-
AV	2.4838G	53.95	54.00	-0.05	31.73	3	Vertical	211	1.01	-

802.11b_Nss1,(1Mbps)_1TX

2457MHz_TX

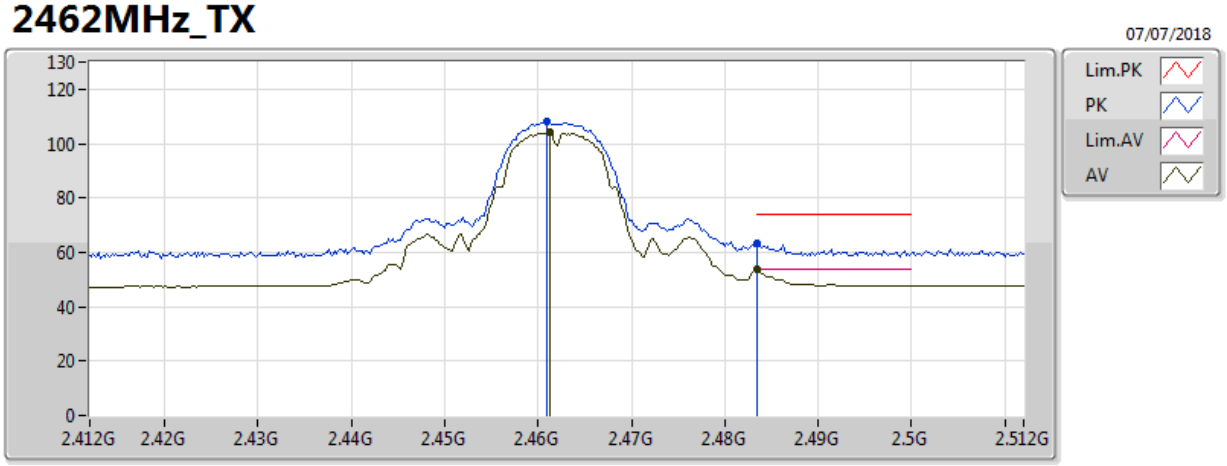


EUT Y 1TX
Setting 82
02-L-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.458G	110.13	Inf	-Inf	31.67	3	Horizontal	226	1.80	-
AV	2.4562G	106.23	Inf	-Inf	31.66	3	Horizontal	226	1.80	-
PK	2.483502G	64.44	74.00	-9.56	31.73	3	Horizontal	226	1.80	-
AV	2.4838G	53.79	54.00	-0.21	31.73	3	Horizontal	226	1.80	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

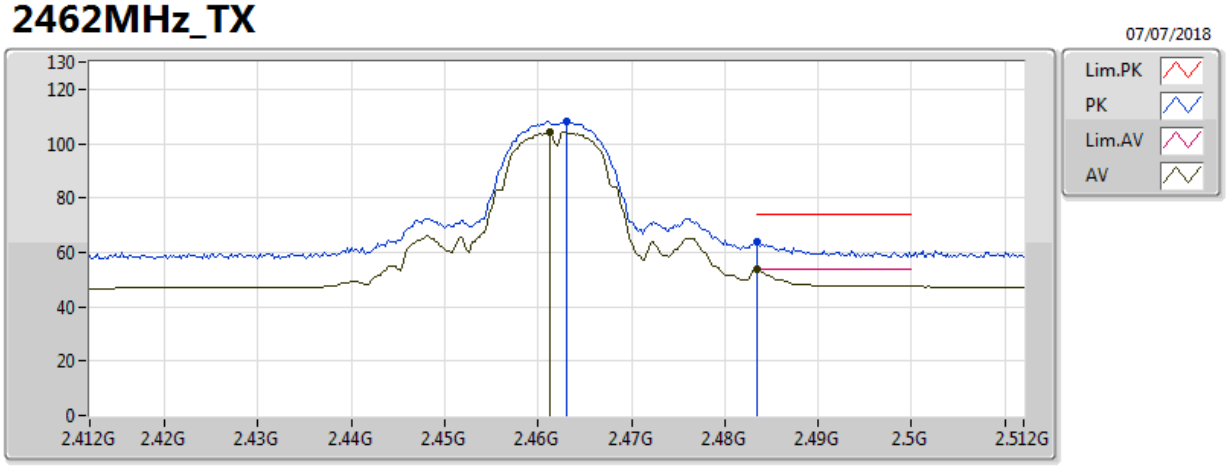


EUT Y 1TX
Setting 72
02-L-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.461G	107.94	Inf	-Inf	31.68	3	Vertical	219	1.00	-
AV	2.4612G	104.21	Inf	-Inf	31.68	3	Vertical	219	1.00	-
PK	2.483502G	63.04	74.00	-10.96	31.73	3	Vertical	219	1.00	-
AV	2.483502G	53.53	54.00	-0.47	31.73	3	Vertical	219	1.00	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

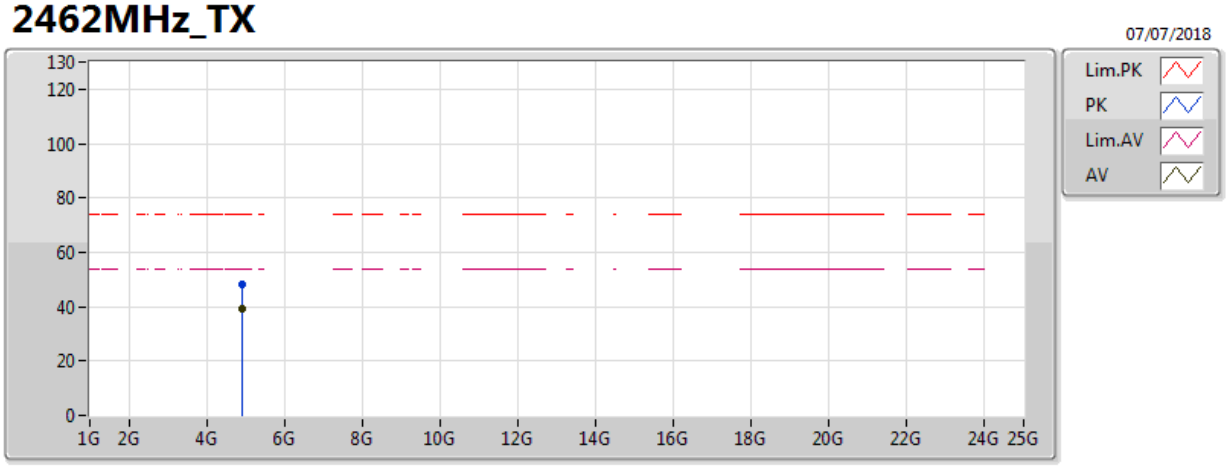


EUT Y 1TX
Setting 72
02-L-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.463G	108.14	Inf	-Inf	31.68	3	Horizontal	224	2.22	-
AV	2.4612G	104.10	Inf	-Inf	31.68	3	Horizontal	224	2.22	-
PK	2.483502G	63.66	74.00	-10.34	31.73	3	Horizontal	224	2.22	-
AV	2.483502G	53.81	54.00	-0.19	31.73	3	Horizontal	224	2.22	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

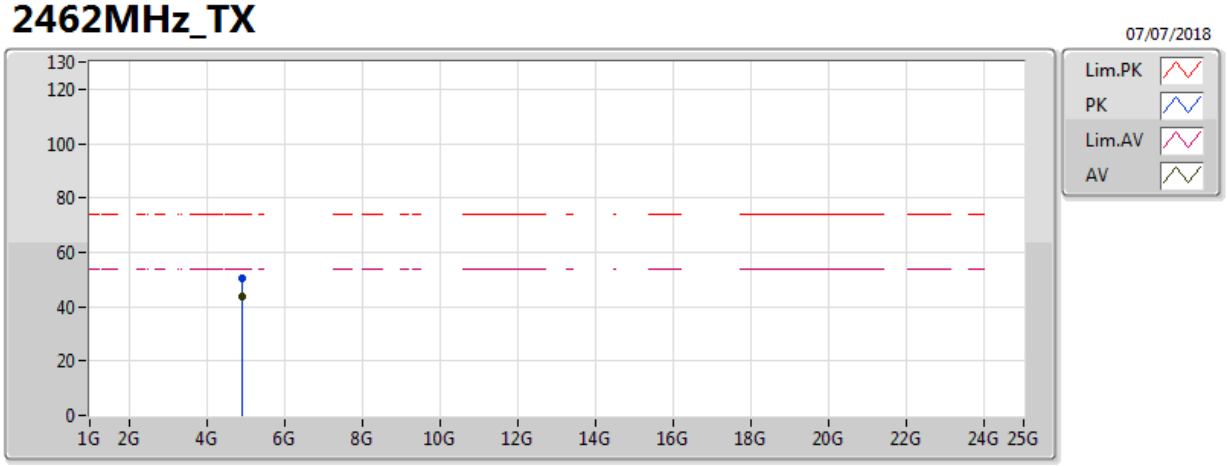


EUT Y 1TX
Setting 72
02-L-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.92378G	47.93	74.00	-26.07	8.12	3	Vertical	220	1.36	-
AV	4.92395G	39.24	54.00	-14.76	8.12	3	Vertical	220	1.36	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

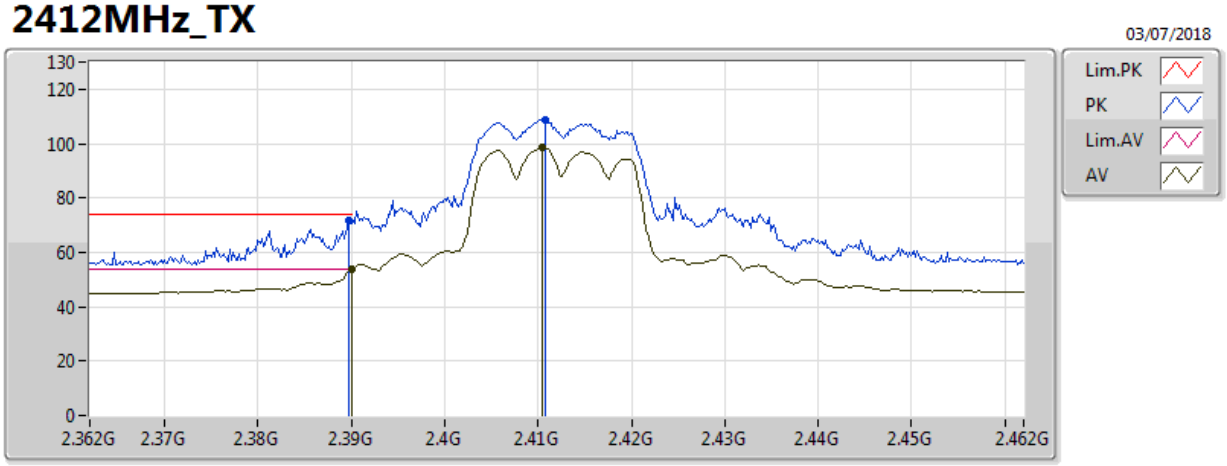


EUT Y 1TX
Setting 72
02-L-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.92387G	50.24	74.00	-23.76	8.12	3	Horizontal	226	2.22	-
AV	4.92394G	43.90	54.00	-10.10	8.12	3	Horizontal	226	2.22	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

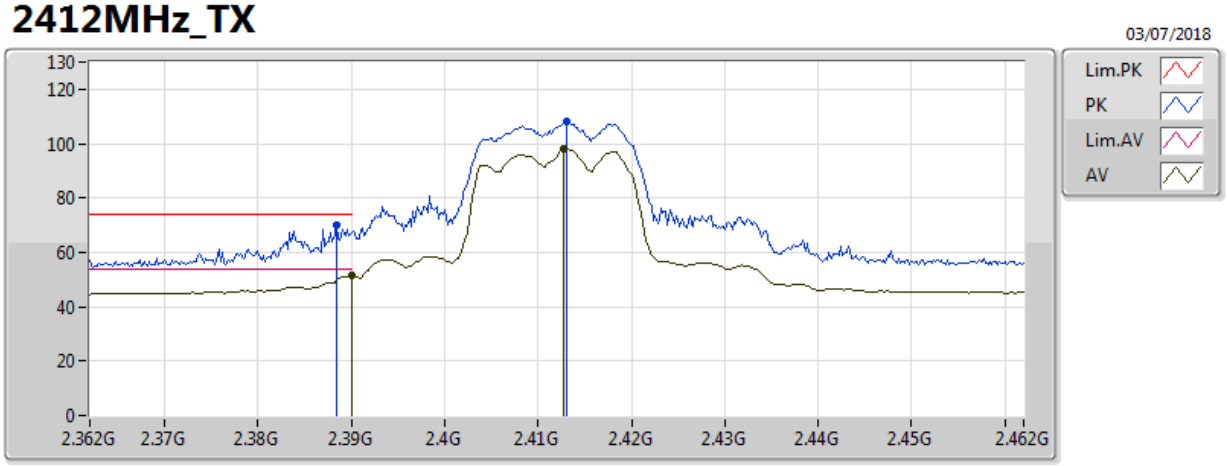


EUT Y 2TX
Setting 52
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3898G	71.49	74.00	-2.51	32.13	3	Vertical	277	1.01	-
AV	2.389998G	53.73	54.00	-0.27	32.13	3	Vertical	277	1.01	-
PK	2.4108G	108.91	Inf	-Inf	32.19	3	Vertical	277	1.01	-
AV	2.4104G	98.43	Inf	-Inf	32.19	3	Vertical	277	1.01	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

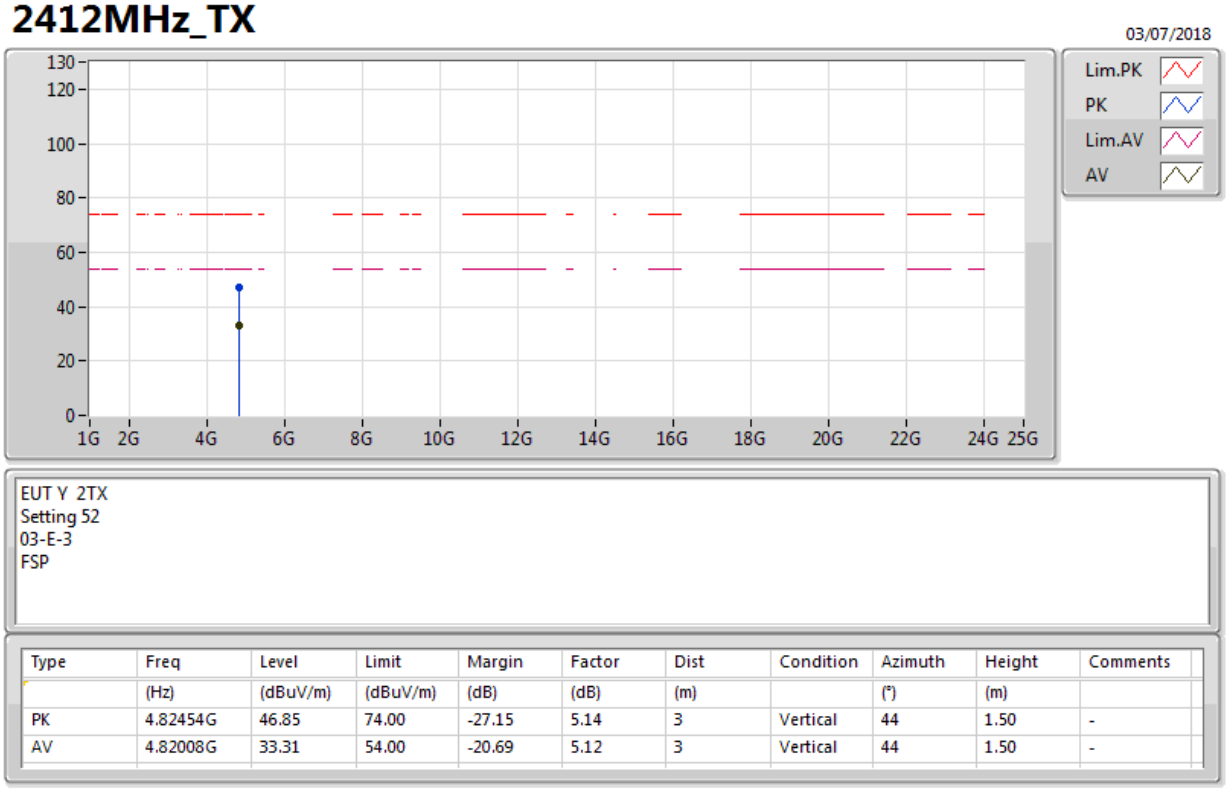


EUT Y 2TX
Setting 52
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3884G	69.82	74.00	-4.18	32.13	3	Horizontal	334	2.57	-
AV	2.389998G	51.34	54.00	-2.66	32.13	3	Horizontal	334	2.57	-
PK	2.413G	108.17	Inf	-Inf	32.20	3	Horizontal	334	2.57	-
AV	2.4128G	97.82	Inf	-Inf	32.20	3	Horizontal	334	2.57	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

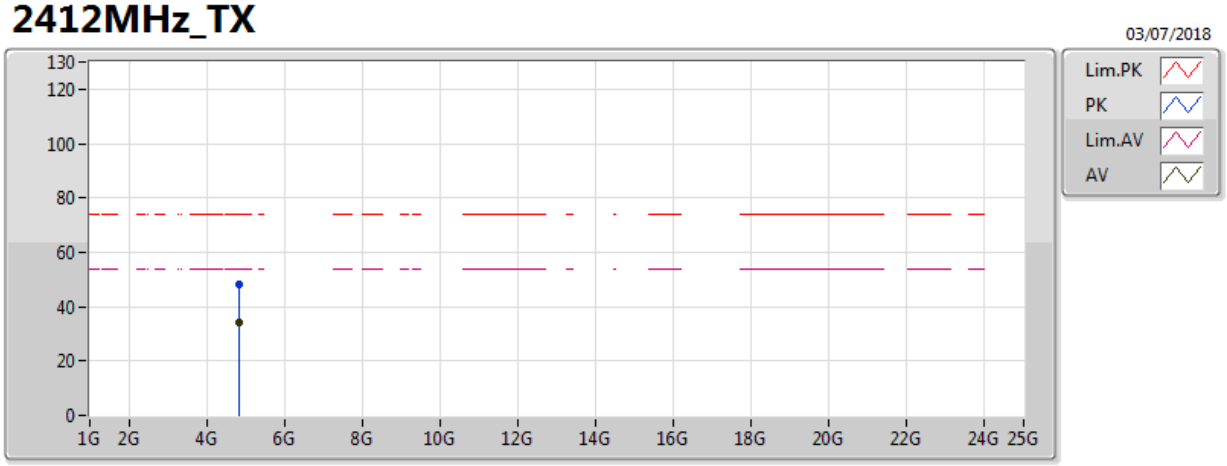


EUT Y 2TX
Setting 52
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.82454G	46.85	74.00	-27.15	5.14	3	Vertical	44	1.50	-
AV	4.82008G	33.31	54.00	-20.69	5.12	3	Vertical	44	1.50	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

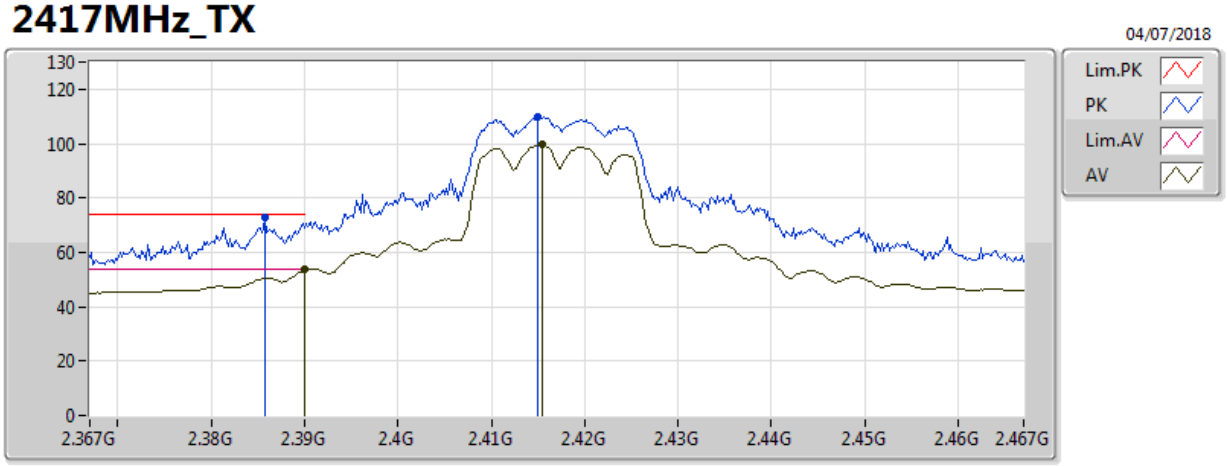


EUT Y 2TX
Setting 52
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.82534G	47.93	74.00	-26.07	5.14	3	Horizontal	157	2.20	-
AV	4.8208G	33.98	54.00	-20.02	5.13	3	Horizontal	157	2.20	-

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

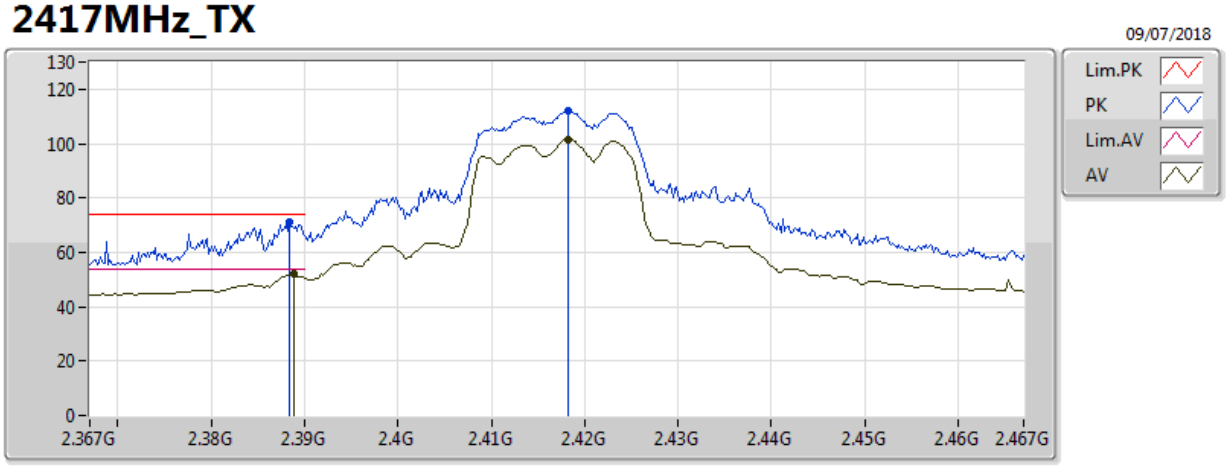


EUT Y 2TX
Setting 63
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3858G	72.82	74.00	-1.18	32.12	3	Vertical	278	1.46	-
AV	2.389998G	53.77	54.00	-0.23	32.13	3	Vertical	278	1.46	-
PK	2.415G	109.73	Inf	-Inf	32.20	3	Vertical	278	1.46	-
AV	2.4154G	99.53	Inf	-Inf	32.21	3	Vertical	278	1.46	-

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

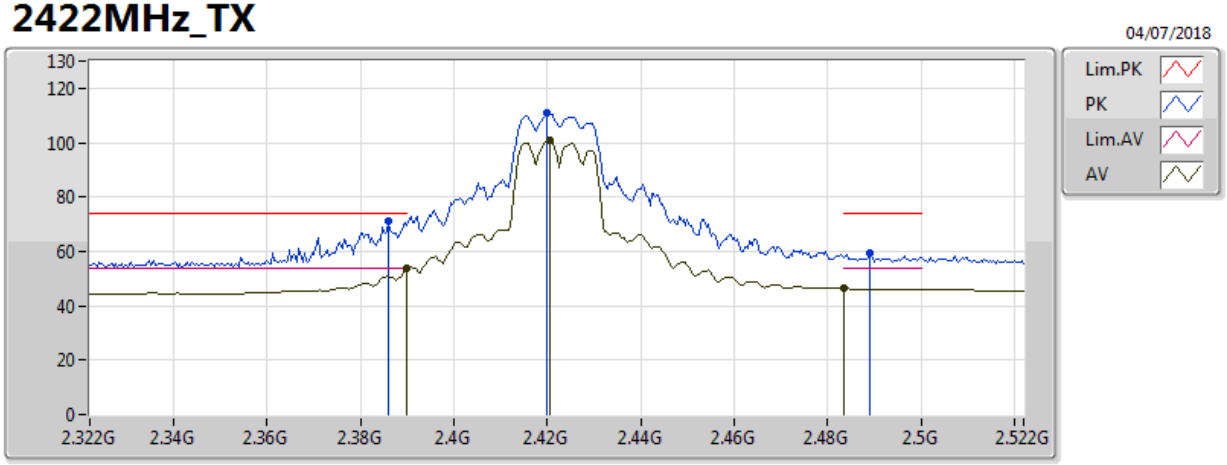


EUT Y 2TX
Setting 63
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3884G	70.94	74.00	-3.06	32.13	3	Horizontal	61	2.70	-
AV	2.3888G	51.84	54.00	-2.16	32.13	3	Horizontal	61	2.70	-
PK	2.4182G	111.88	Inf	-Inf	32.21	3	Horizontal	61	2.70	-
AV	2.4182G	101.61	Inf	-Inf	32.21	3	Horizontal	61	2.70	-

802.11g_Nss1,(6Mbps)_2TX

2422MHz_TX

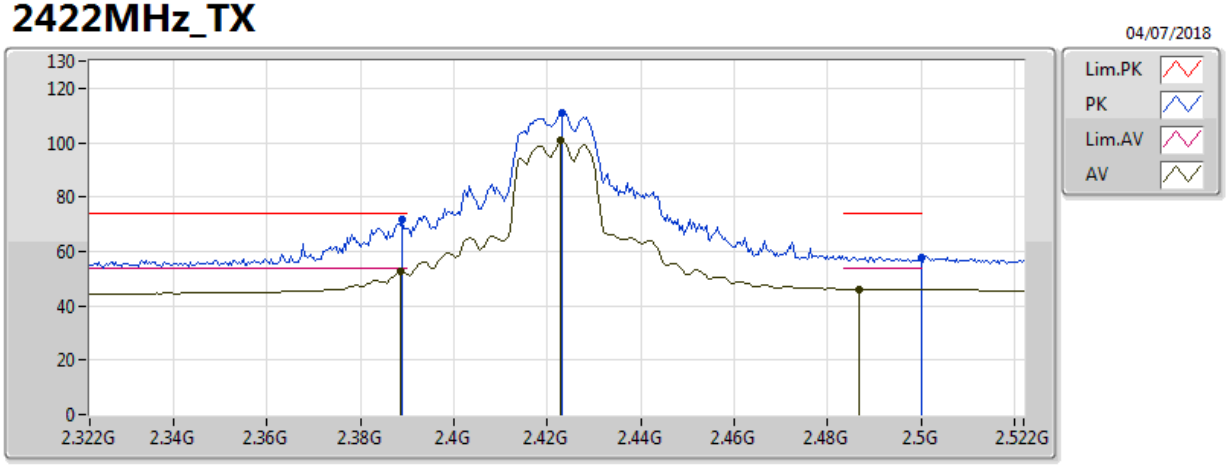


EUT Y 2TX
Setting 68
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.386G	71.30	74.00	-2.70	32.12	3	Vertical	276	1.46	-
AV	2.389998G	53.77	54.00	-0.23	32.13	3	Vertical	276	1.46	-
PK	2.42G	110.91	Inf	-Inf	32.22	3	Vertical	276	1.46	-
AV	2.4204G	100.78	Inf	-Inf	32.22	3	Vertical	276	1.46	-
PK	2.4892G	59.29	74.00	-14.71	32.43	3	Vertical	276	1.46	-
AV	2.483502G	46.40	54.00	-7.60	32.41	3	Vertical	276	1.46	-

802.11g_Nss1,(6Mbps)_2TX

2422MHz_TX

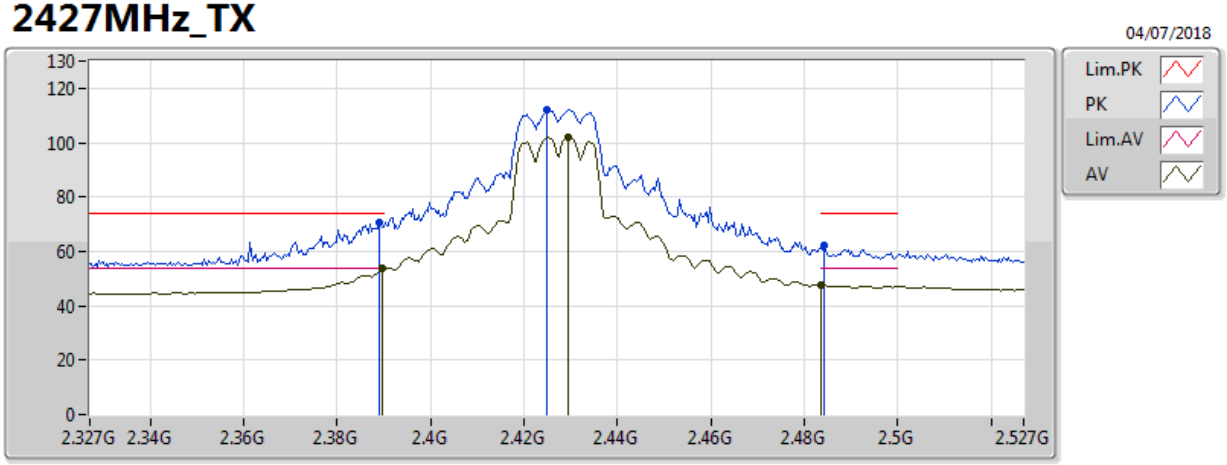


EUT Y 2TX
Setting 68
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3888G	71.81	74.00	-2.19	32.13	3	Horizontal	325	1.06	-
AV	2.3884G	52.66	54.00	-1.34	32.13	3	Horizontal	325	1.06	-
PK	2.4232G	110.74	Inf	-Inf	32.23	3	Horizontal	325	1.06	-
AV	2.4228G	100.74	Inf	-Inf	32.23	3	Horizontal	325	1.06	-
PK	2.499998G	57.91	74.00	-16.09	32.46	3	Horizontal	325	1.06	-
AV	2.4868G	46.20	54.00	-7.80	32.42	3	Horizontal	325	1.06	-

802.11g_Nss1,(6Mbps)_2TX

2427MHz_TX

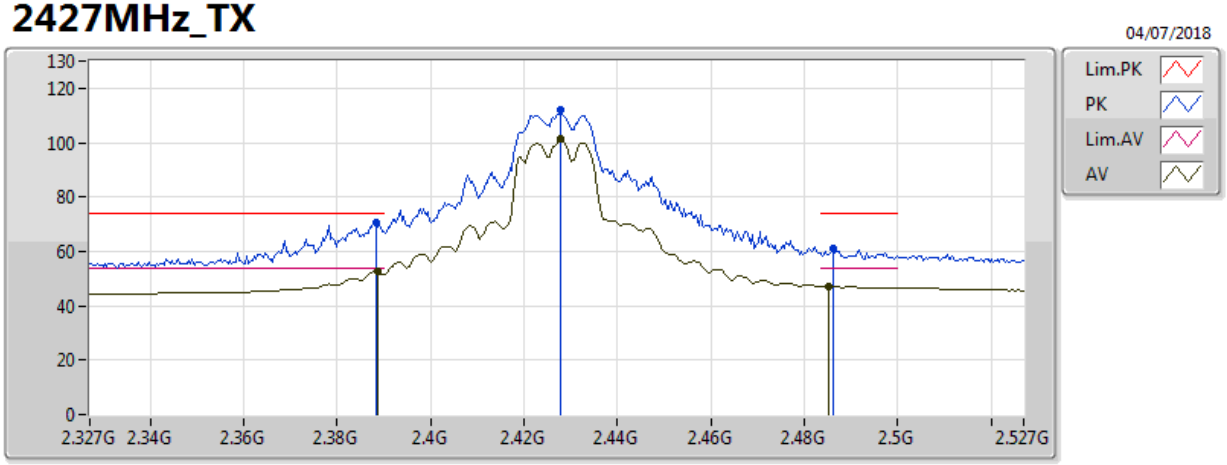


EUT Y 2TX
Setting 73
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.389G	70.69	74.00	-3.31	32.13	3	Vertical	271	1.39	-
AV	2.3898G	53.72	54.00	-0.28	32.13	3	Vertical	271	1.39	-
PK	2.425G	112.11	Inf	-Inf	32.23	3	Vertical	271	1.39	-
AV	2.4294G	101.88	Inf	-Inf	32.25	3	Vertical	271	1.39	-
PK	2.4842G	62.19	74.00	-11.81	32.41	3	Vertical	271	1.39	-
AV	2.483502G	47.81	54.00	-6.19	32.41	3	Vertical	271	1.39	-

802.11g_Nss1,(6Mbps)_2TX

2427MHz_TX

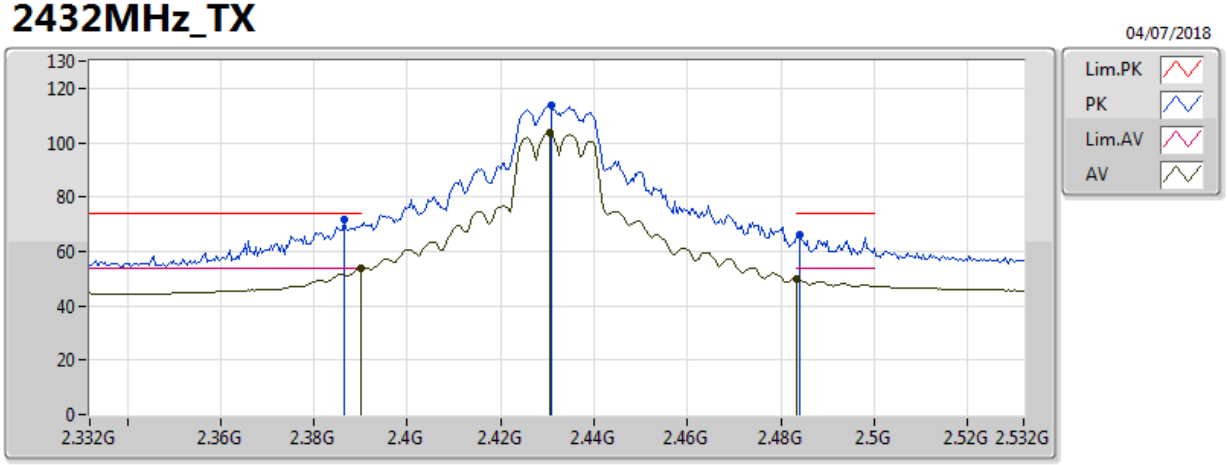


EUT Y 2TX
Setting 73
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3882G	70.86	74.00	-3.14	32.13	3	Horizontal	321	1.02	-
AV	2.3886G	52.65	54.00	-1.35	32.13	3	Horizontal	321	1.02	-
PK	2.4278G	111.89	Inf	-Inf	32.24	3	Horizontal	321	1.02	-
AV	2.4278G	101.23	Inf	-Inf	32.24	3	Horizontal	321	1.02	-
PK	2.4862G	61.00	74.00	-13.00	32.42	3	Horizontal	321	1.02	-
AV	2.4854G	47.25	54.00	-6.75	32.42	3	Horizontal	321	1.02	-

802.11g_Nss1,(6Mbps)_2TX

2432MHz_TX

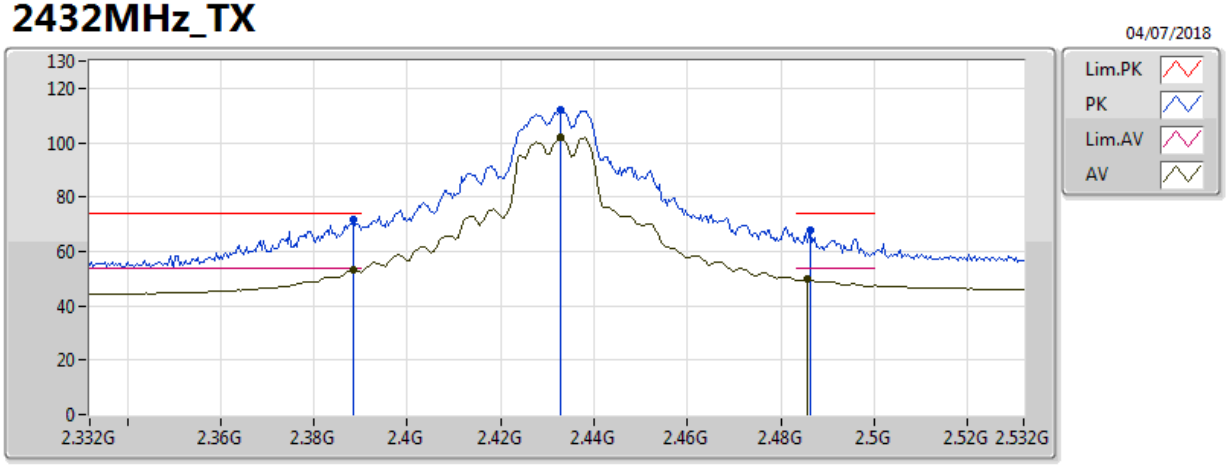


EUT Y 2TX
Setting 77
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3864G	71.64	74.00	-2.36	32.12	3	Vertical	290	1.39	-
AV	2.389998G	53.81	54.00	-0.19	32.13	3	Vertical	290	1.39	-
PK	2.4308G	114.02	Inf	-Inf	32.25	3	Vertical	290	1.39	-
AV	2.4304G	103.57	Inf	-Inf	32.25	3	Vertical	290	1.39	-
PK	2.484G	66.27	74.00	-7.73	32.42	3	Vertical	290	1.39	-
AV	2.483502G	50.04	54.00	-3.96	32.42	3	Vertical	290	1.39	-

802.11g_Nss1,(6Mbps)_2TX

2432MHz_TX

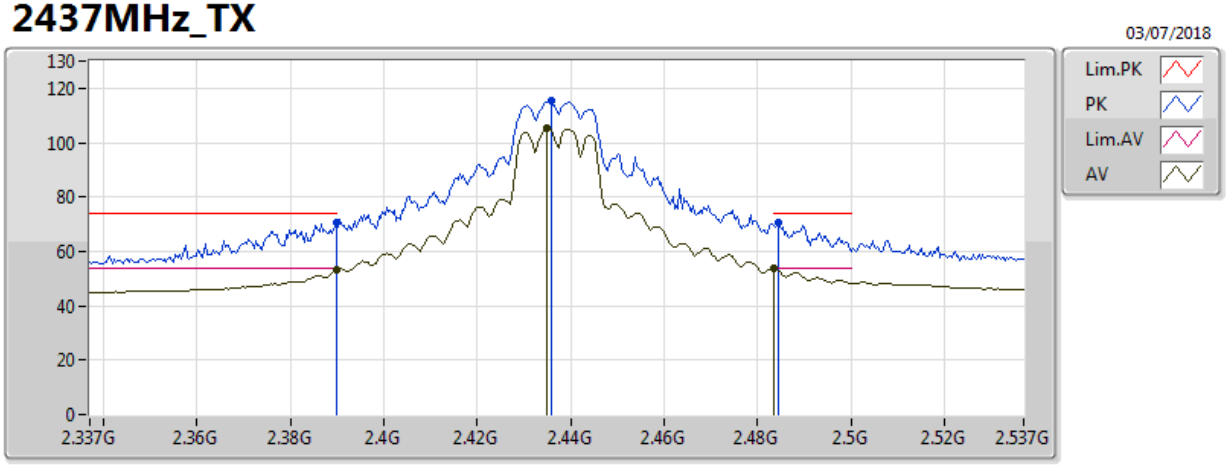


EUT Y 2TX
Setting 77
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3884G	71.49	74.00	-2.51	32.13	3	Horizontal	321	1.01	-
AV	2.3884G	53.01	54.00	-0.99	32.13	3	Horizontal	321	1.01	-
PK	2.4328G	112.13	Inf	-Inf	32.26	3	Horizontal	321	1.01	-
AV	2.4328G	101.95	Inf	-Inf	32.26	3	Horizontal	321	1.01	-
PK	2.4864G	67.64	74.00	-6.36	32.42	3	Horizontal	321	1.01	-
AV	2.4856G	49.71	54.00	-4.29	32.42	3	Horizontal	321	1.01	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

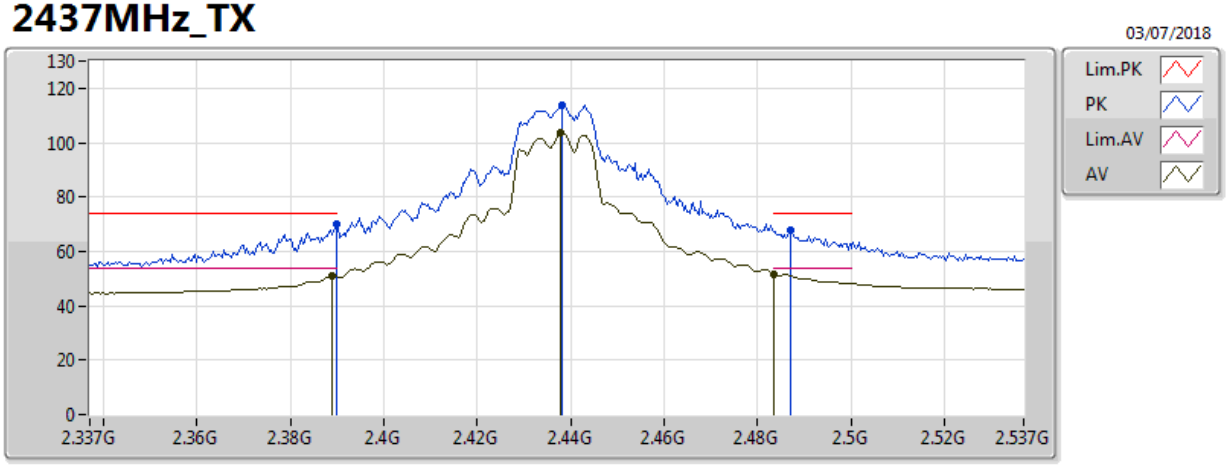


EUT Y 2TX
Setting 78
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3898G	70.47	74.00	-3.53	32.13	3	Vertical	270	1.01	-
AV	2.3898G	53.11	54.00	-0.89	32.13	3	Vertical	270	1.01	-
PK	2.4358G	115.31	Inf	-Inf	32.27	3	Vertical	270	1.01	-
AV	2.435G	105.20	Inf	-Inf	32.27	3	Vertical	270	1.01	-
PK	2.4846G	70.35	74.00	-3.65	32.41	3	Vertical	270	1.01	-
AV	2.483502G	53.85	54.00	-0.15	32.41	3	Vertical	270	1.01	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

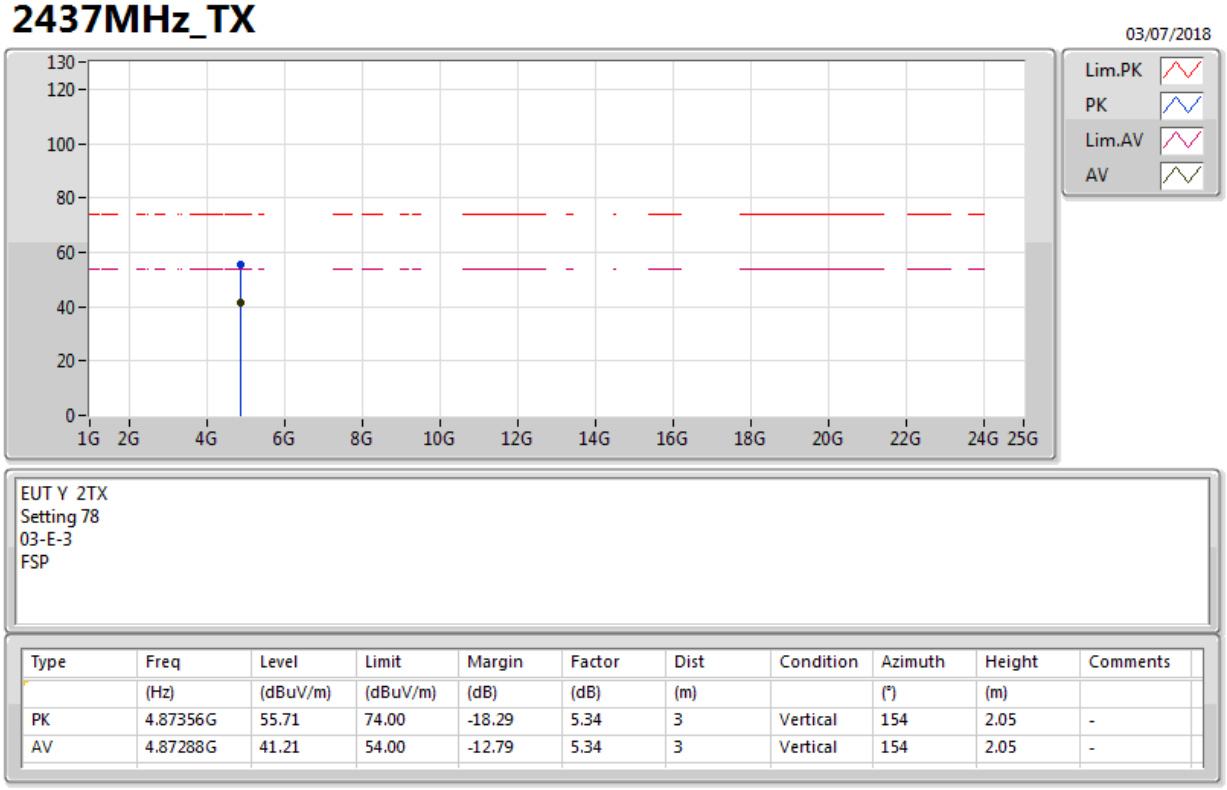


EUT Y 2TX
Setting 78
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3898G	70.17	74.00	-3.83	32.13	3	Horizontal	335	2.44	-
AV	2.389G	50.94	54.00	-3.06	32.13	3	Horizontal	335	2.44	-
PK	2.4382G	113.96	Inf	-Inf	32.27	3	Horizontal	335	2.44	-
AV	2.4378G	103.85	Inf	-Inf	32.27	3	Horizontal	335	2.44	-
PK	2.487G	67.59	74.00	-6.41	32.42	3	Horizontal	335	2.44	-
AV	2.483502G	51.76	54.00	-2.24	32.42	3	Horizontal	335	2.44	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

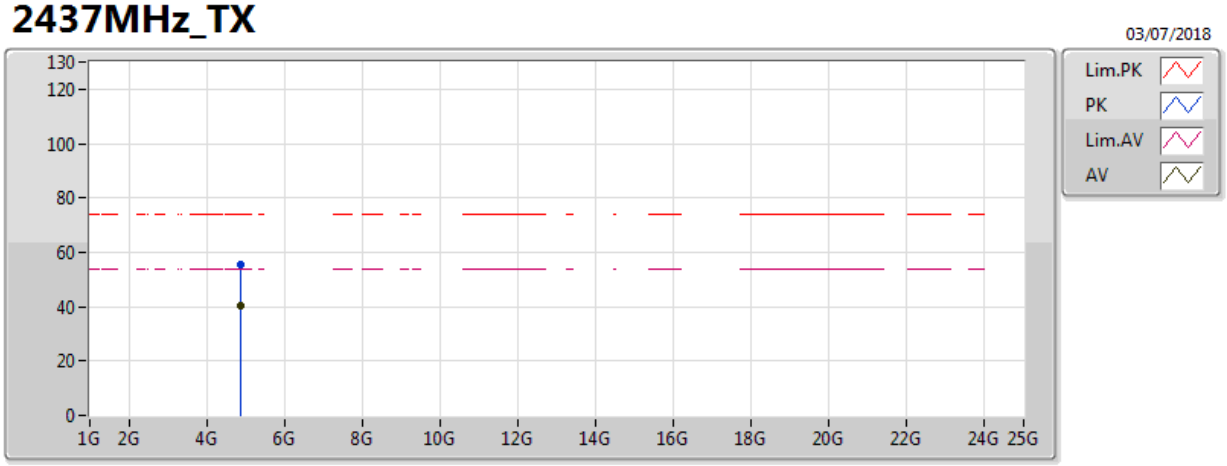


EUT Y 2TX
Setting 78
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.87356G	55.71	74.00	-18.29	5.34	3	Vertical	154	2.05	-
AV	4.87288G	41.21	54.00	-12.79	5.34	3	Vertical	154	2.05	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

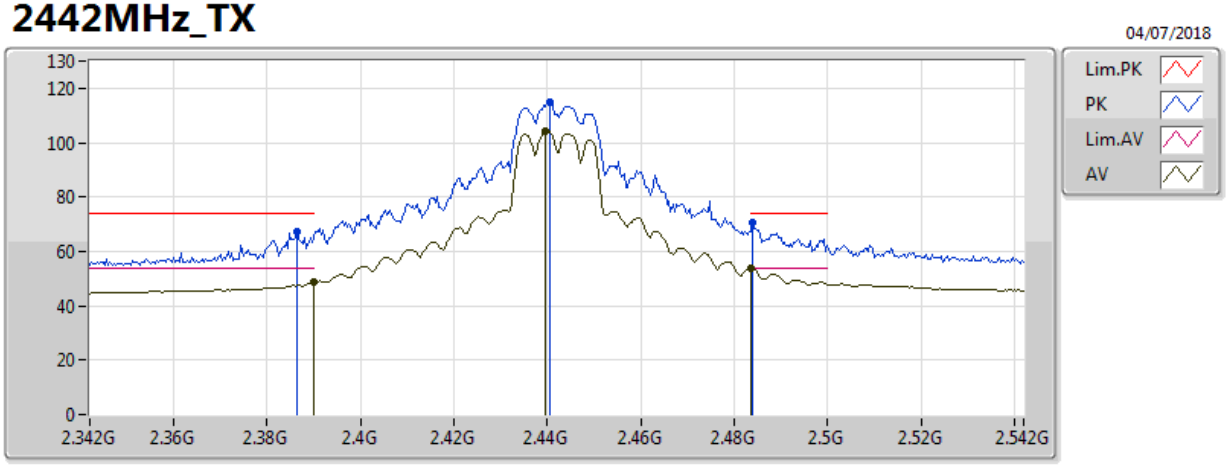


EUT Y 2TX
Setting 78
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.87416G	55.52	74.00	-18.48	5.34	3	Horizontal	163	2.23	-
AV	4.87416G	40.46	54.00	-13.54	5.34	3	Horizontal	163	2.23	-

802.11g_Nss1,(6Mbps)_2TX

2442MHz_TX

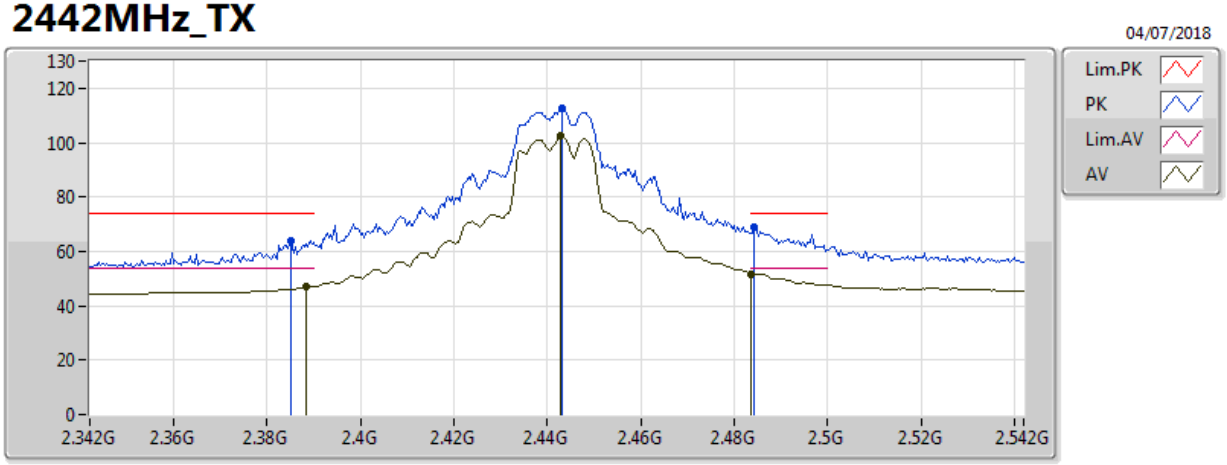


EUT Y 2TX
Setting 75
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3864G	67.31	74.00	-6.69	32.12	3	Vertical	277	1.01	-
AV	2.389998G	48.85	54.00	-5.15	32.13	3	Vertical	277	1.01	-
PK	2.4404G	114.67	Inf	-Inf	32.28	3	Vertical	277	1.01	-
AV	2.4396G	103.99	Inf	-Inf	32.28	3	Vertical	277	1.01	-
PK	2.484G	70.34	74.00	-3.66	32.41	3	Vertical	277	1.01	-
AV	2.483502G	53.71	54.00	-0.29	32.41	3	Vertical	277	1.01	-

802.11g_Nss1,(6Mbps)_2TX

2442MHz_TX

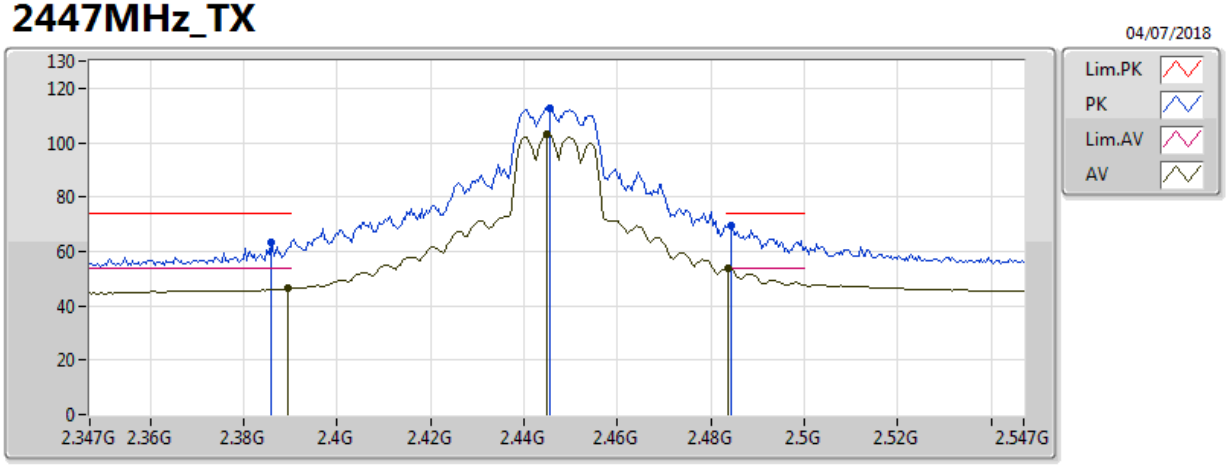


EUT Y 2TX
Setting 75
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3852G	63.92	74.00	-10.08	32.11	3	Horizontal	331	2.43	-
AV	2.3884G	47.04	54.00	-6.96	32.13	3	Horizontal	331	2.43	-
PK	2.4432G	112.60	Inf	-Inf	32.29	3	Horizontal	331	2.43	-
AV	2.4428G	102.53	Inf	-Inf	32.29	3	Horizontal	331	2.43	-
PK	2.4844G	68.89	74.00	-5.11	32.42	3	Horizontal	331	2.43	-
AV	2.483502G	51.73	54.00	-2.27	32.42	3	Horizontal	331	2.43	-

802.11g_Nss1,(6Mbps)_2TX

2447MHz_TX

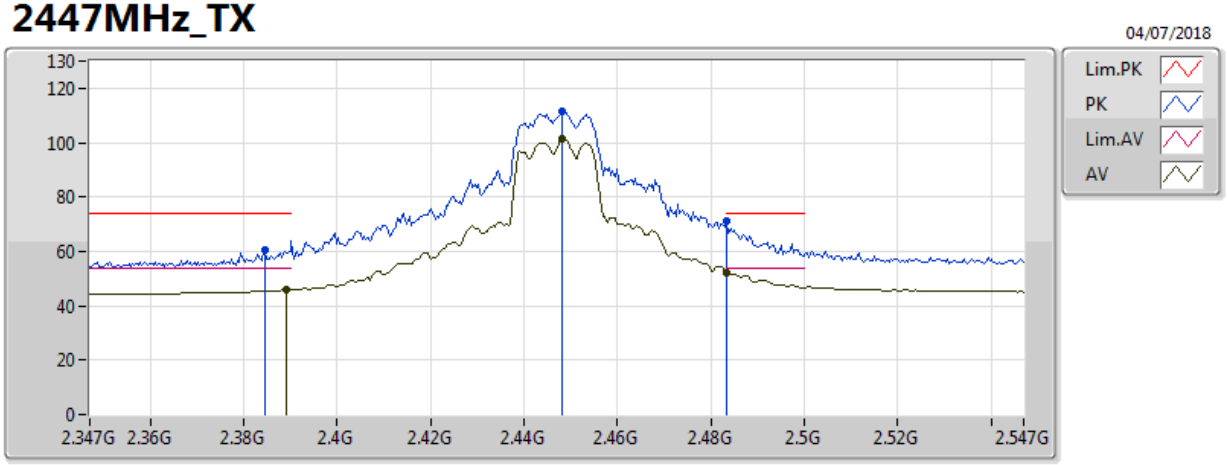


EUT Y 2TX
Setting 72
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3858G	63.41	74.00	-10.59	32.11	3	Vertical	273	1.01	-
AV	2.3894G	46.23	54.00	-7.77	32.13	3	Vertical	273	1.01	-
PK	2.4454G	112.66	Inf	-Inf	32.30	3	Vertical	273	1.01	-
AV	2.445G	102.85	Inf	-Inf	32.30	3	Vertical	273	1.01	-
PK	2.4842G	69.33	74.00	-4.67	32.42	3	Vertical	273	1.01	-
AV	2.4838G	53.95	54.00	-0.05	32.42	3	Vertical	273	1.01	-

802.11g_Nss1,(6Mbps)_2TX

2447MHz_TX

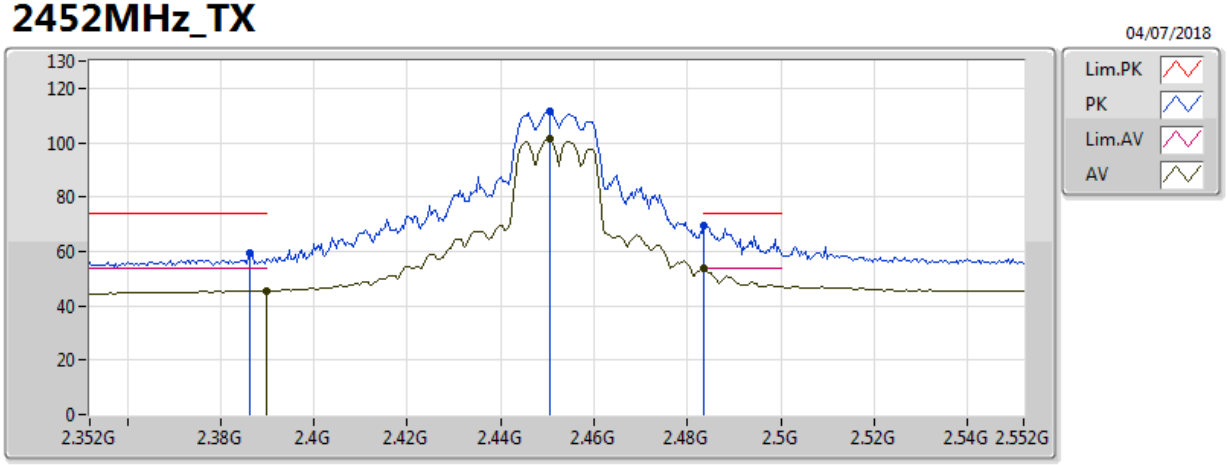


EUT Y 2TX
Setting 72
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3846G	60.26	74.00	-13.74	32.11	3	Horizontal	213	2.71	-
AV	2.389G	45.89	54.00	-8.11	32.13	3	Horizontal	213	2.71	-
PK	2.4482G	111.53	Inf	-Inf	32.30	3	Horizontal	213	2.71	-
AV	2.4482G	101.45	Inf	-Inf	32.30	3	Horizontal	213	2.71	-
PK	2.483502G	70.89	74.00	-3.11	32.42	3	Horizontal	213	2.71	-
AV	2.483502G	52.08	54.00	-1.92	32.42	3	Horizontal	213	2.71	-

802.11g_Nss1,(6Mbps)_2TX

2452MHz_TX

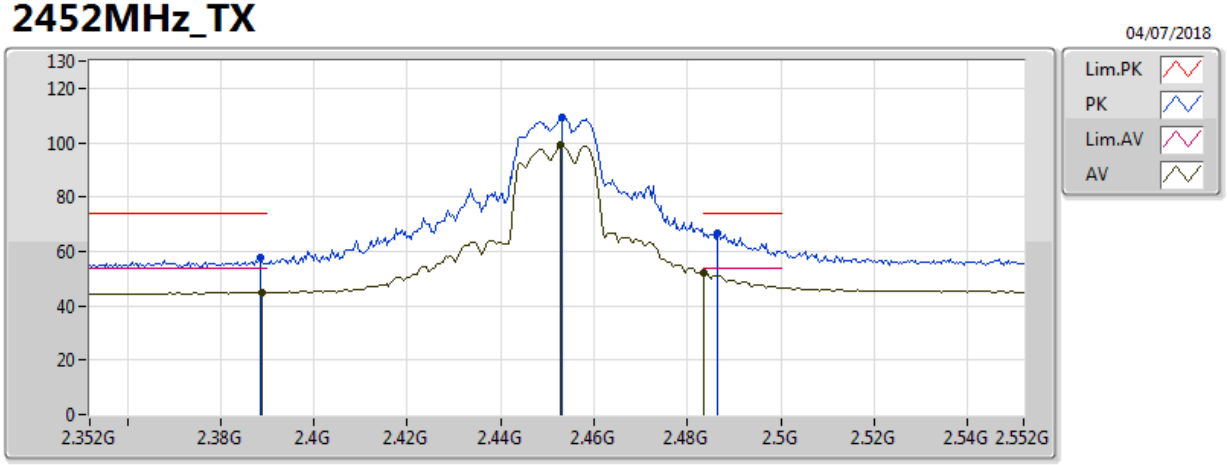


EUT Y 2TX
Setting 66
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3864G	59.32	74.00	-14.68	32.12	3	Vertical	272	1.01	-
AV	2.389998G	45.52	54.00	-8.48	32.13	3	Vertical	272	1.01	-
PK	2.4504G	111.33	Inf	-Inf	32.31	3	Vertical	272	1.01	-
AV	2.4504G	101.24	Inf	-Inf	32.31	3	Vertical	272	1.01	-
PK	2.483502G	69.65	74.00	-4.35	32.41	3	Vertical	272	1.01	-
AV	2.483502G	53.54	54.00	-0.46	32.41	3	Vertical	272	1.01	-

802.11g_Nss1,(6Mbps)_2TX

2452MHz_TX

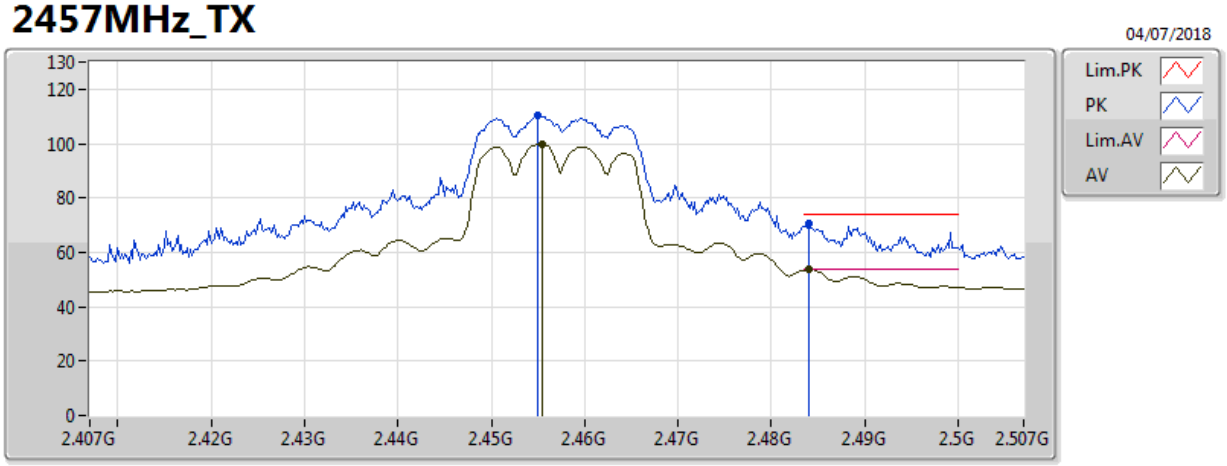


EUT Y 2TX
Setting 66
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3884G	57.98	74.00	-16.02	32.13	3	Horizontal	219	2.97	-
AV	2.3888G	44.93	54.00	-9.07	32.13	3	Horizontal	219	2.97	-
PK	2.4532G	109.51	Inf	-Inf	32.32	3	Horizontal	219	2.97	-
AV	2.4528G	99.25	Inf	-Inf	32.32	3	Horizontal	219	2.97	-
PK	2.4864G	66.72	74.00	-7.28	32.42	3	Horizontal	219	2.97	-
AV	2.483502G	52.33	54.00	-1.67	32.42	3	Horizontal	219	2.97	-

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

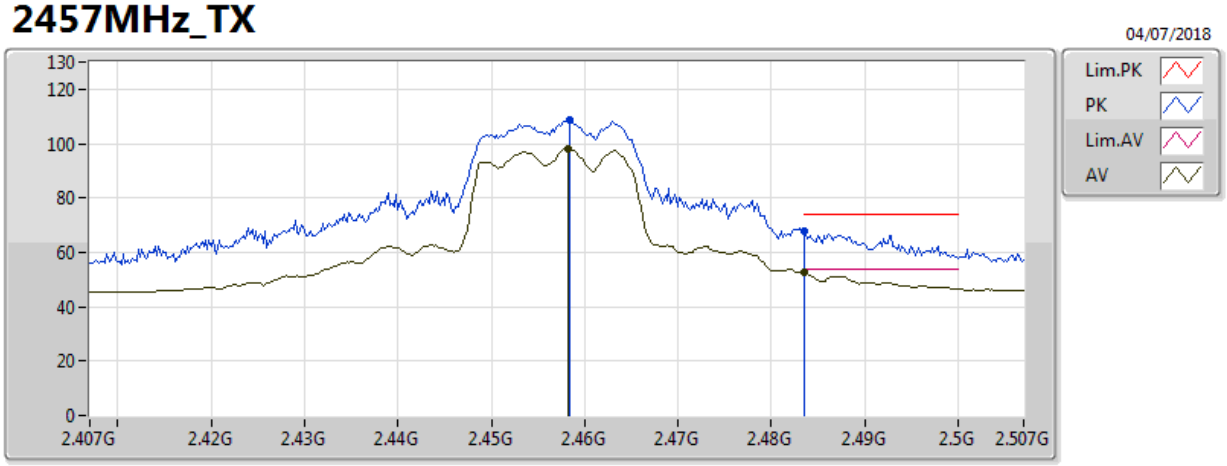


EUT Y 2TX
Setting 60
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.455G	110.30	Inf	-Inf	32.32	3	Vertical	271	1.00	-
AV	2.4554G	99.94	Inf	-Inf	32.33	3	Vertical	271	1.00	-
PK	2.484G	70.78	74.00	-3.22	32.42	3	Vertical	271	1.00	-
AV	2.484G	53.99	54.00	-0.01	32.42	3	Vertical	271	1.00	-

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

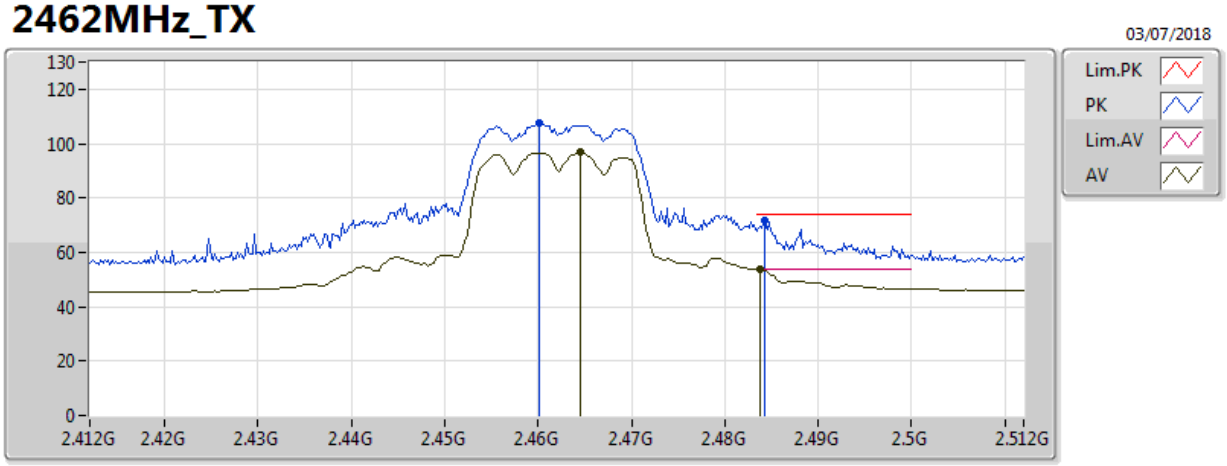


EUT Y 2TX
Setting 60
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.4584G	108.47	Inf	-Inf	32.34	3	Horizontal	210	2.45	-
AV	2.4582G	98.14	Inf	-Inf	32.33	3	Horizontal	210	2.45	-
PK	2.483502G	67.55	74.00	-6.45	32.42	3	Horizontal	210	2.45	-
AV	2.483502G	52.74	54.00	-1.26	32.42	3	Horizontal	210	2.45	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

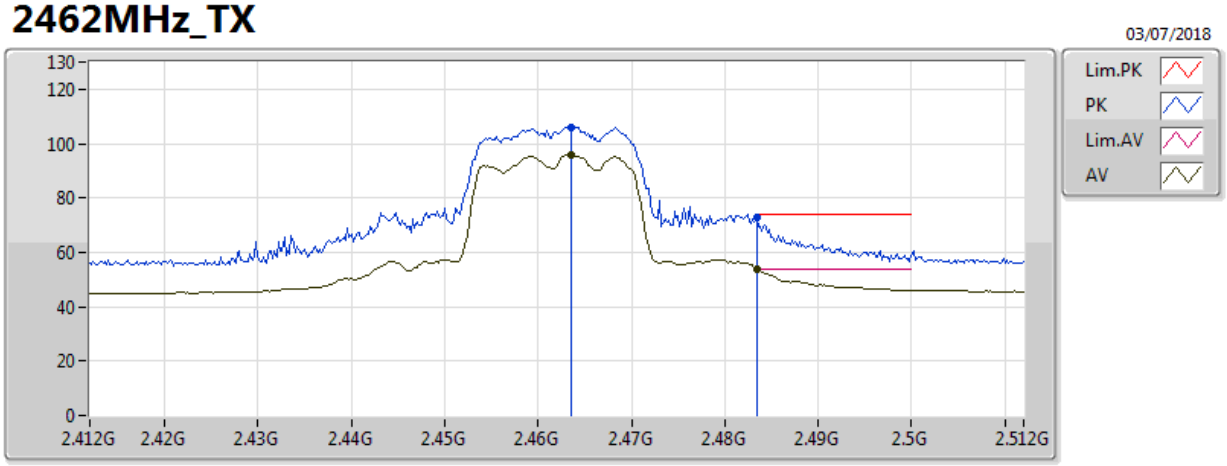


EUT Y 2TX
Setting 49
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.4602G	107.81	Inf	-Inf	32.34	3	Vertical	266	1.16	-
AV	2.4646G	96.71	Inf	-Inf	32.35	3	Vertical	266	1.16	-
PK	2.4842G	71.48	74.00	-2.52	32.41	3	Vertical	266	1.16	-
AV	2.4838G	53.85	54.00	-0.15	32.41	3	Vertical	266	1.16	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

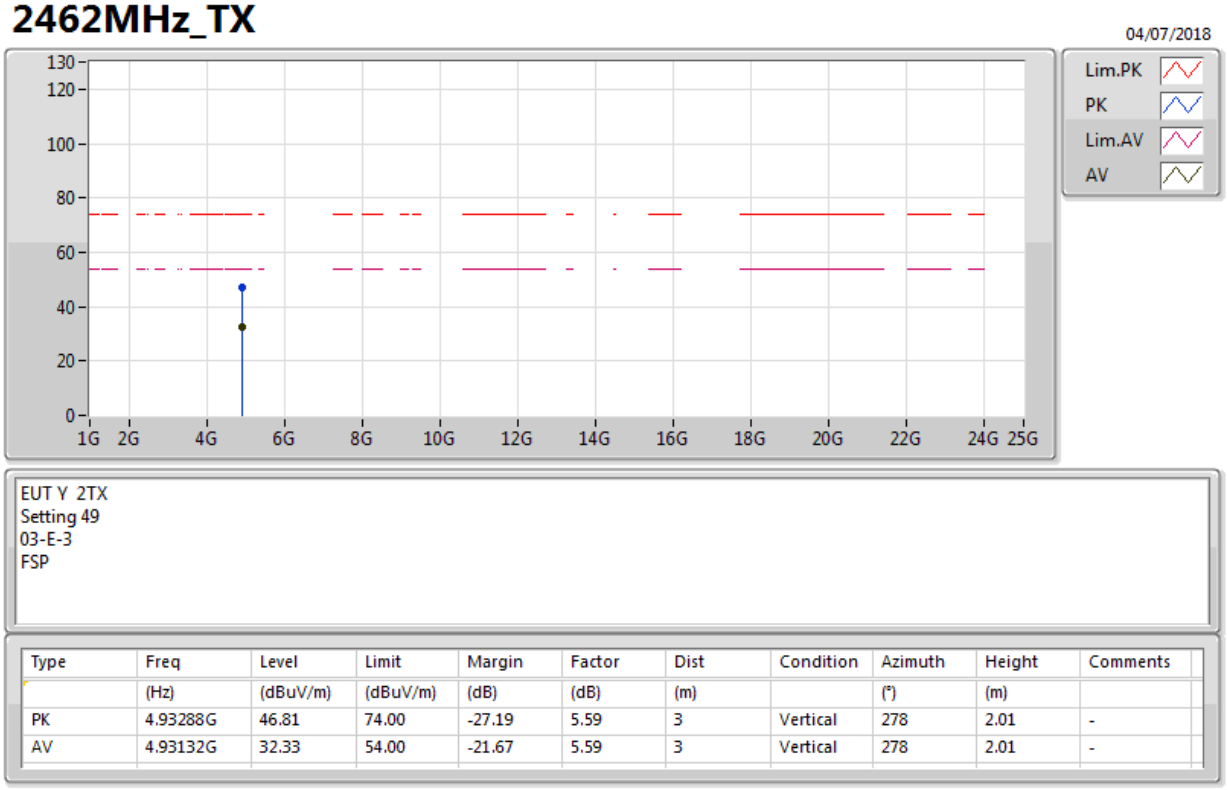


EUT Y 2TX
Setting 49
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.4636G	106.03	Inf	-Inf	32.35	3	Horizontal	340	2.97	-
AV	2.4636G	95.81	Inf	-Inf	32.35	3	Horizontal	340	2.97	-
PK	2.483502G	72.61	74.00	-1.39	32.42	3	Horizontal	340	2.97	-
AV	2.483502G	53.71	54.00	-0.29	32.42	3	Horizontal	340	2.97	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

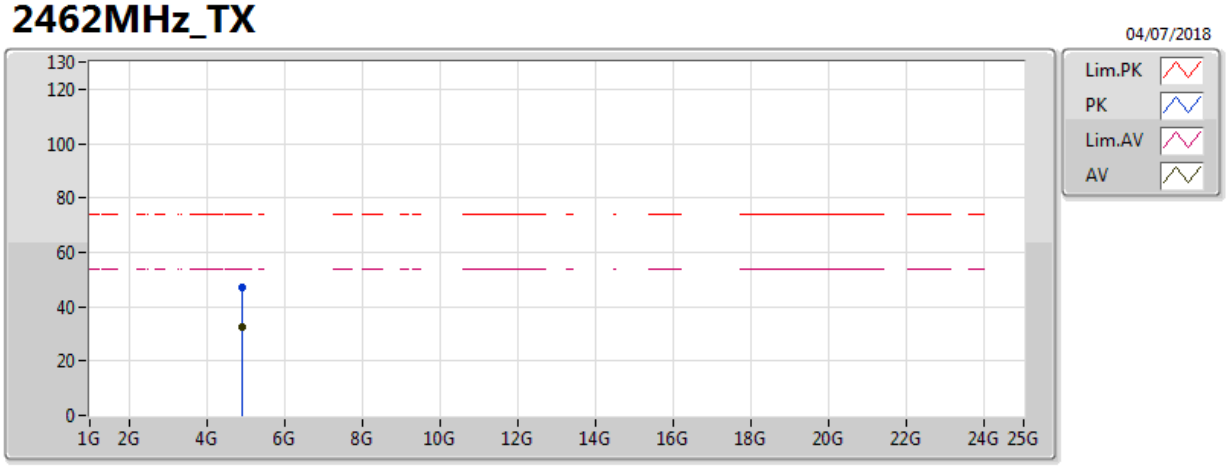


EUT Y 2TX
Setting 49
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.93288G	46.81	74.00	-27.19	5.59	3	Vertical	278	2.01	-
AV	4.93132G	32.33	54.00	-21.67	5.59	3	Vertical	278	2.01	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

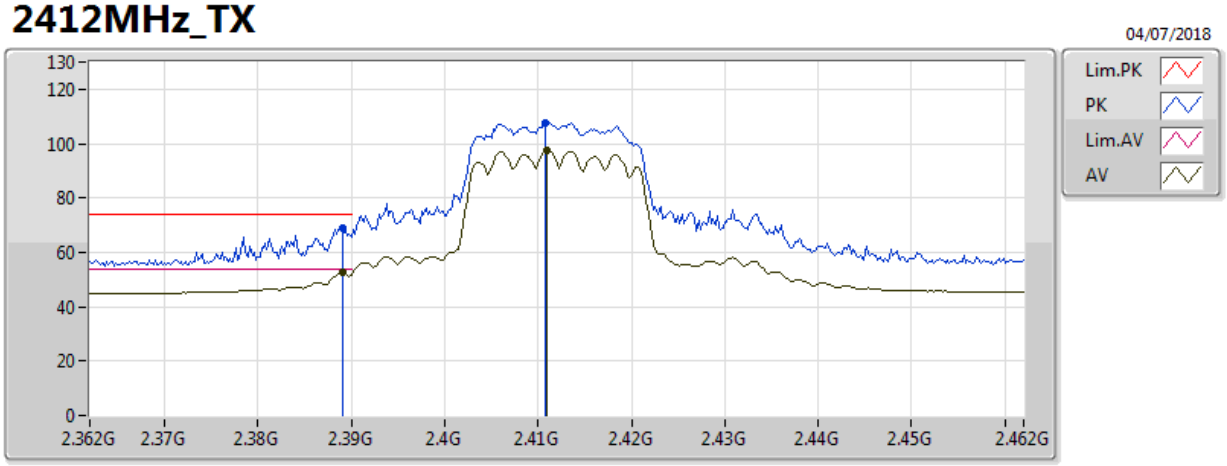


EUT Y 2TX
Setting 49
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.91848G	46.85	74.00	-27.15	5.53	3	Horizontal	282	2.28	-
AV	4.93016G	32.40	54.00	-21.60	5.58	3	Horizontal	282	2.28	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

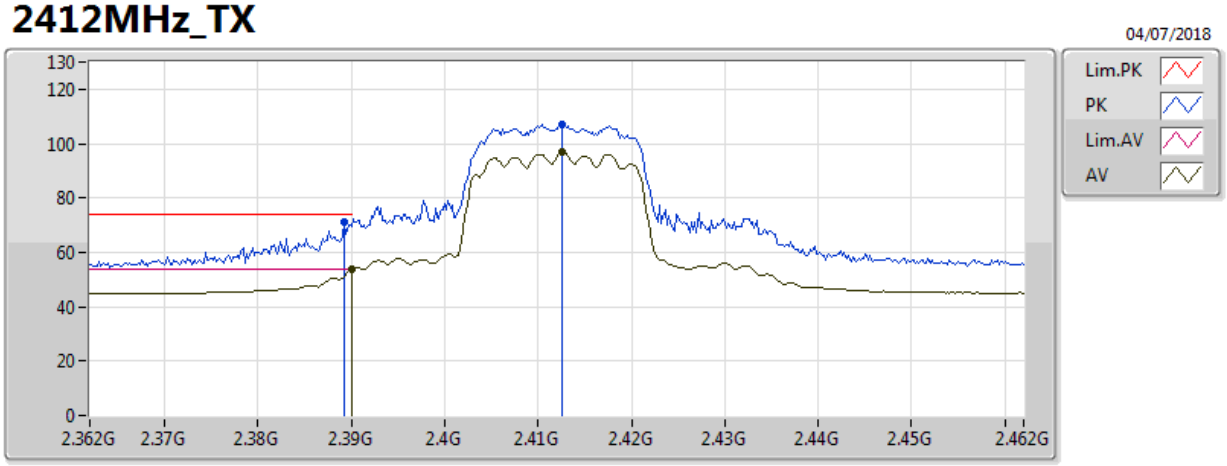


EUT Y 2TX
Setting 52
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.389G	69.19	74.00	-4.81	32.13	3	Vertical	276	1.02	-
AV	2.389G	52.41	54.00	-1.59	32.13	3	Vertical	276	1.02	-
PK	2.4108G	107.56	Inf	-Inf	32.19	3	Vertical	276	1.02	-
AV	2.411G	97.62	Inf	-Inf	32.19	3	Vertical	276	1.02	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

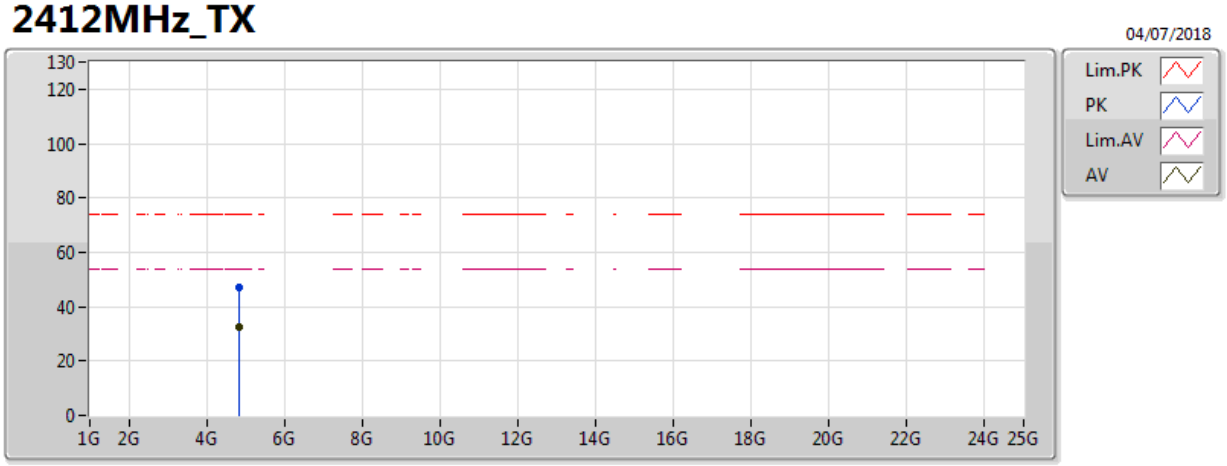


EUT Y 2TX
Setting 52
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3892G	70.97	74.00	-3.03	32.13	3	Horizontal	332	2.57	-
AV	2.389998G	53.82	54.00	-0.18	32.13	3	Horizontal	332	2.57	-
PK	2.4126G	106.98	Inf	-Inf	32.20	3	Horizontal	332	2.57	-
AV	2.4126G	97.02	Inf	-Inf	32.20	3	Horizontal	332	2.57	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

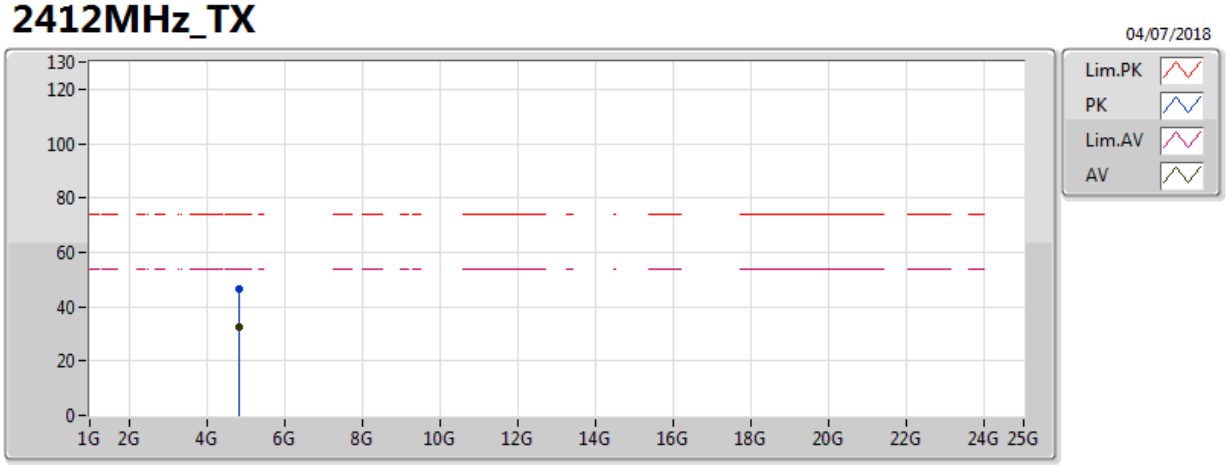


EUT Y 2TX
Setting 52
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.81958G	47.06	74.00	-26.94	5.12	3	Vertical	280	2.24	-
AV	4.82032G	32.67	54.00	-21.33	5.12	3	Vertical	280	2.24	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

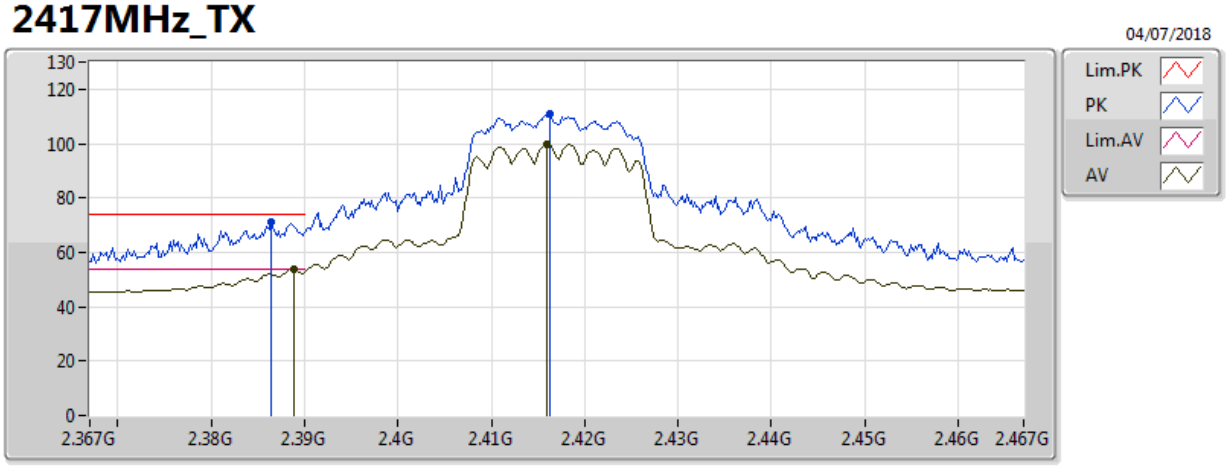


EUT Y 2TX
Setting 52
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.8199G	46.27	74.00	-27.73	5.12	3	Horizontal	308	1.65	-
AV	4.8204G	32.64	54.00	-21.36	5.12	3	Horizontal	308	1.65	-

802.11n HT20_Nss1,(MCS0)_2TX

2417MHz_TX

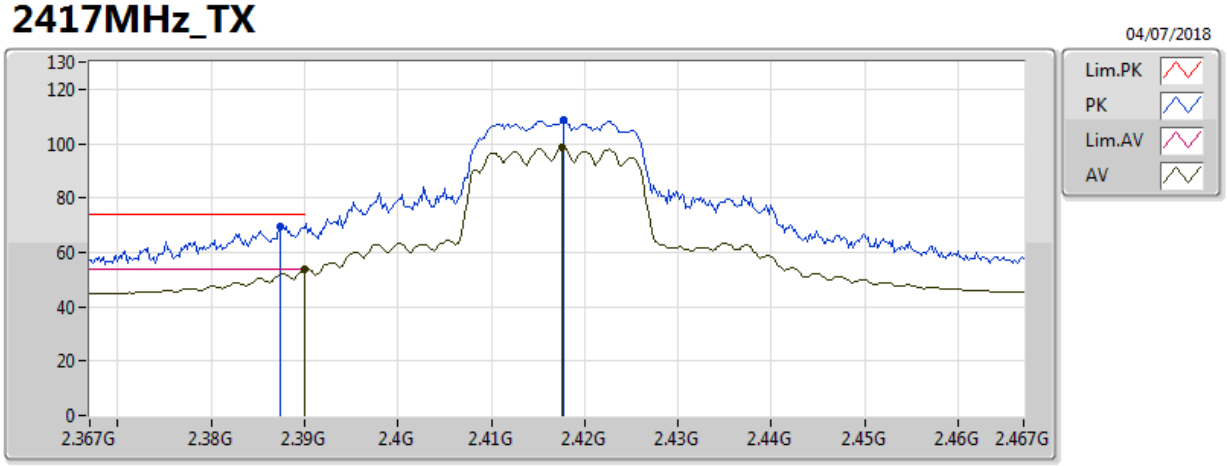


EUT Y 2TX
Setting 63
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3864G	71.23	74.00	-2.77	32.12	3	Vertical	269	1.45	-
AV	2.3888G	53.90	54.00	-0.10	32.13	3	Vertical	269	1.45	-
PK	2.4162G	110.79	Inf	-Inf	32.21	3	Vertical	269	1.45	-
AV	2.416G	99.94	Inf	-Inf	32.21	3	Vertical	269	1.45	-

802.11n HT20_Nss1,(MCS0)_2TX

2417MHz_TX

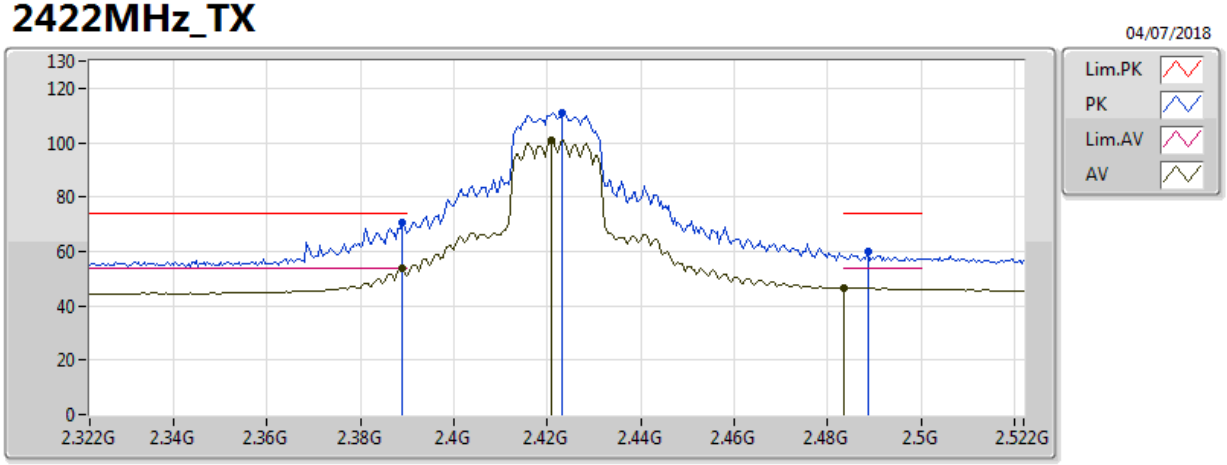


EUT Y 2TX
Setting 63
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3874G	69.56	74.00	-4.44	32.12	3	Horizontal	331	2.51	-
AV	2.389998G	53.74	54.00	-0.26	32.13	3	Horizontal	331	2.51	-
PK	2.4178G	108.59	Inf	-Inf	32.21	3	Horizontal	331	2.51	-
AV	2.4176G	98.77	Inf	-Inf	32.21	3	Horizontal	331	2.51	-

802.11n HT20_Nss1,(MCS0)_2TX

2422MHz_TX

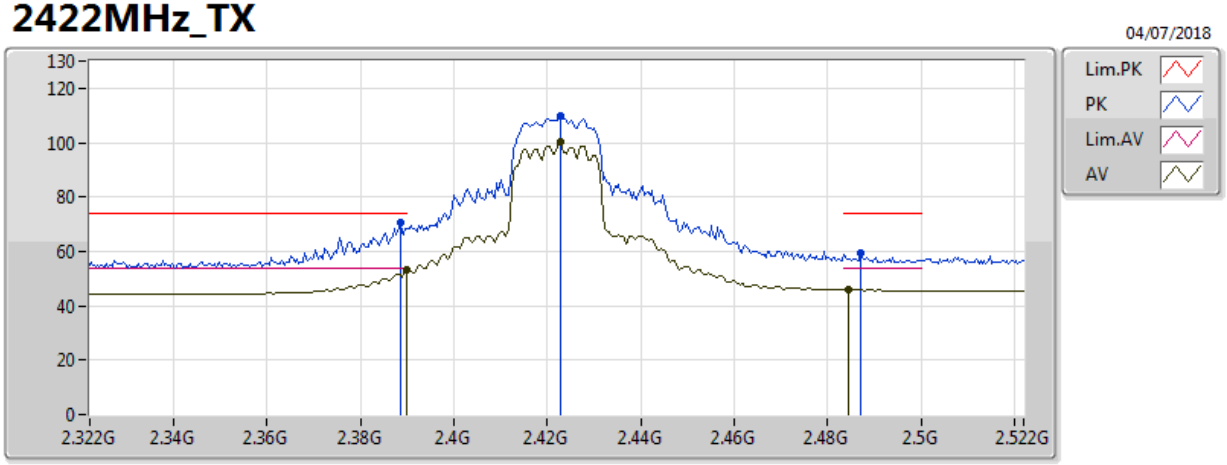


EUT Y 2TX
Setting 67
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3888G	70.47	74.00	-3.53	32.13	3	Vertical	274	1.08	-
AV	2.3888G	53.97	54.00	-0.03	32.13	3	Vertical	274	1.08	-
PK	2.4232G	111.10	Inf	-Inf	32.23	3	Vertical	274	1.08	-
AV	2.4208G	101.05	Inf	-Inf	32.22	3	Vertical	274	1.08	-
PK	2.4888G	59.96	74.00	-14.04	32.43	3	Vertical	274	1.08	-
AV	2.483502G	46.52	54.00	-7.48	32.42	3	Vertical	274	1.08	-

802.11n HT20_Nss1,(MCS0)_2TX

2422MHz_TX

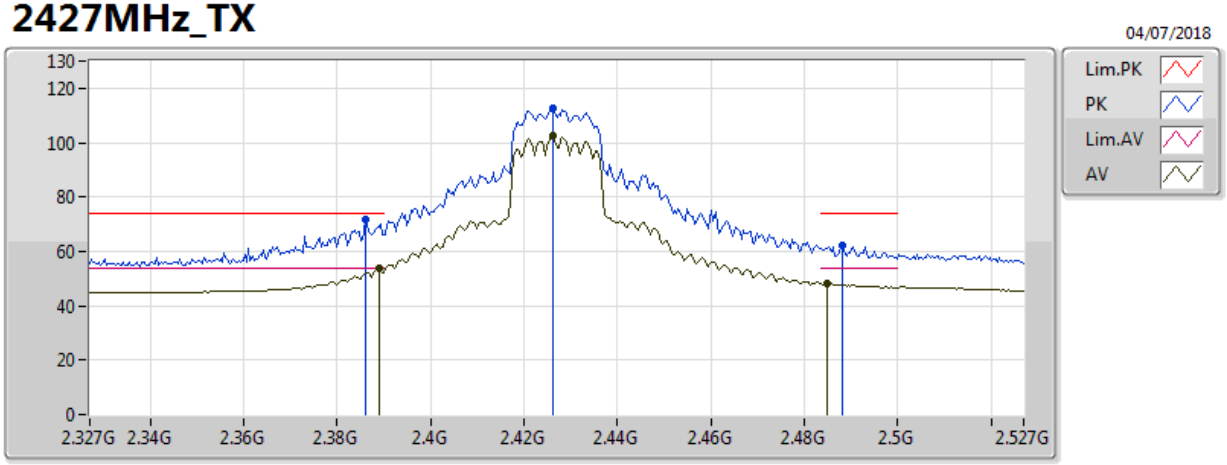


EUT Y 2TX
Setting 67
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3884G	70.81	74.00	-3.19	32.13	3	Horizontal	334	2.50	-
AV	2.389998G	53.18	54.00	-0.82	32.13	3	Horizontal	334	2.50	-
PK	2.4228G	109.65	Inf	-Inf	32.23	3	Horizontal	334	2.50	-
AV	2.4228G	100.03	Inf	-Inf	32.23	3	Horizontal	334	2.50	-
PK	2.4872G	59.39	74.00	-14.61	32.42	3	Horizontal	334	2.50	-
AV	2.4844G	46.00	54.00	-8.00	32.42	3	Horizontal	334	2.50	-

802.11n HT20_Nss1,(MCS0)_2TX

2427MHz_TX

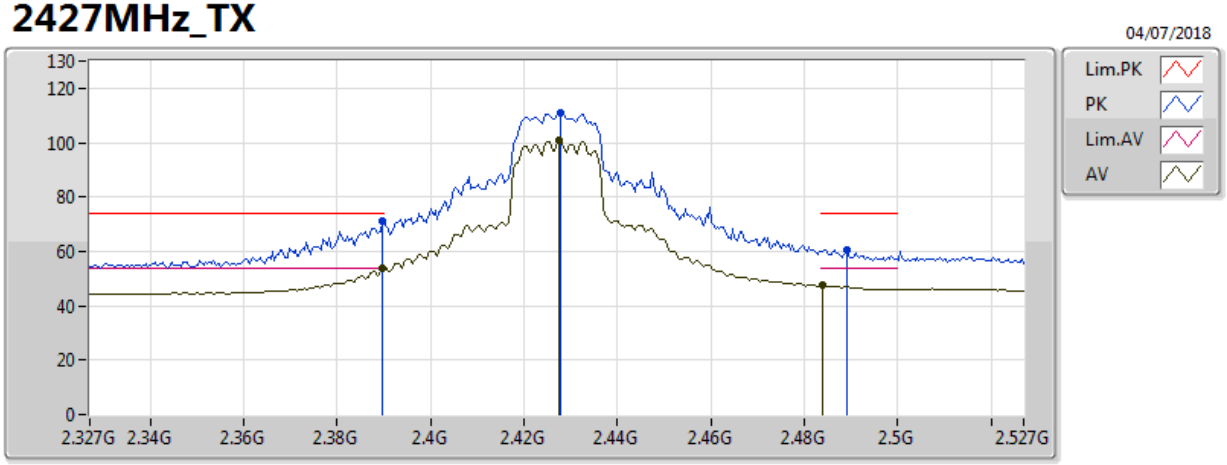


EUT Y 2TX
Setting 73
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3862G	71.51	74.00	-2.49	32.12	3	Vertical	274	1.07	-
AV	2.389G	53.79	54.00	-0.21	32.13	3	Vertical	274	1.07	-
PK	2.4262G	112.36	Inf	-Inf	32.24	3	Vertical	274	1.07	-
AV	2.4262G	102.27	Inf	-Inf	32.24	3	Vertical	274	1.07	-
PK	2.4882G	62.06	74.00	-11.94	32.42	3	Vertical	274	1.07	-
AV	2.485G	48.16	54.00	-5.84	32.41	3	Vertical	274	1.07	-

802.11n HT20_Nss1,(MCS0)_2TX

2427MHz_TX

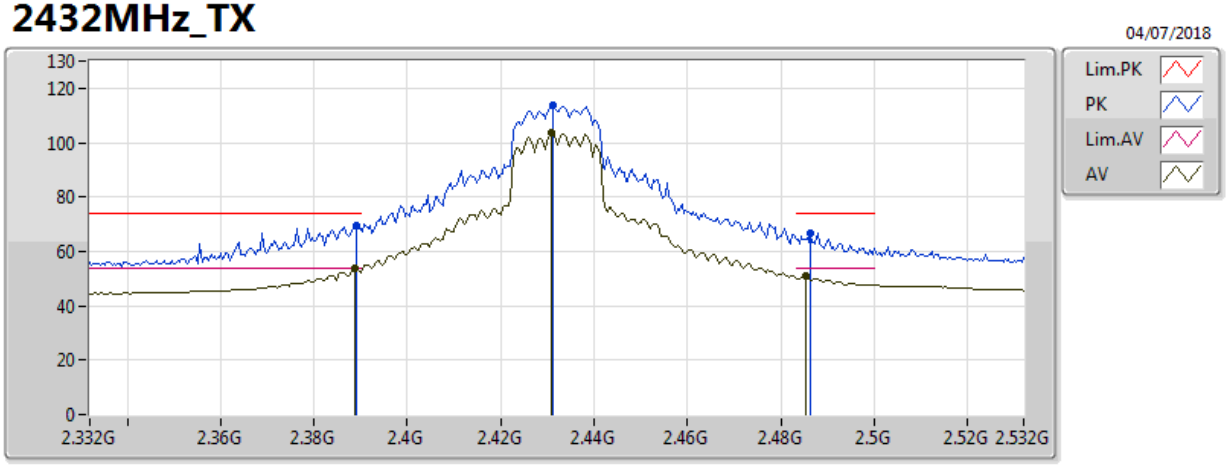


EUT Y 2TX
Setting 73
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3898G	71.25	74.00	-2.75	32.13	3	Horizontal	331	2.51	-
AV	2.3898G	53.69	54.00	-0.31	32.13	3	Horizontal	331	2.51	-
PK	2.4278G	110.89	Inf	-Inf	32.24	3	Horizontal	331	2.51	-
AV	2.4274G	101.11	Inf	-Inf	32.24	3	Horizontal	331	2.51	-
PK	2.489G	60.71	74.00	-13.29	32.43	3	Horizontal	331	2.51	-
AV	2.4838G	47.42	54.00	-6.58	32.42	3	Horizontal	331	2.51	-

802.11n HT20_Nss1,(MCS0)_2TX

2432MHz_TX

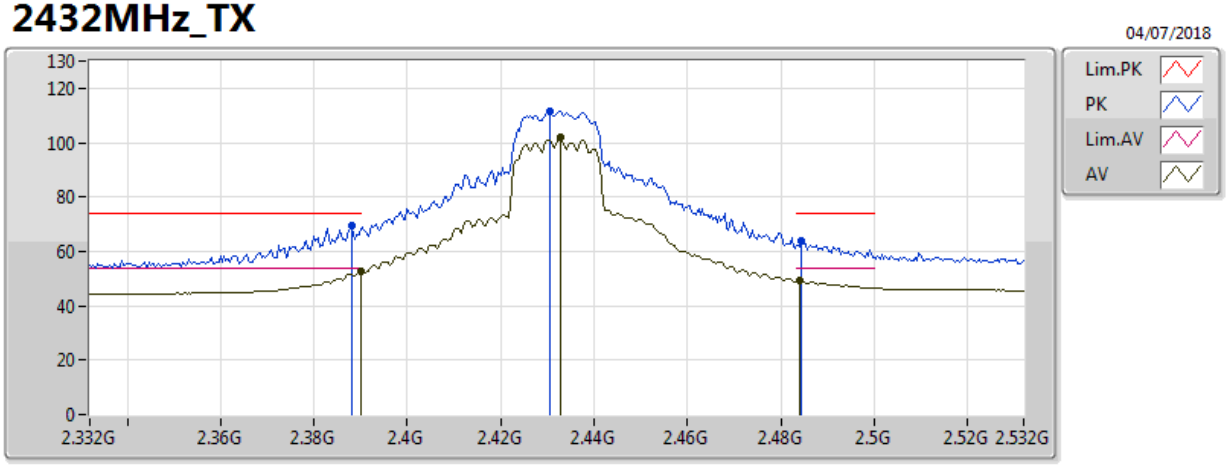


EUT Y 2TX
Setting 76
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3892G	69.38	74.00	-4.62	32.13	3	Vertical	272	1.02	-
AV	2.3888G	53.82	54.00	-0.18	32.13	3	Vertical	272	1.02	-
PK	2.4312G	113.49	Inf	-Inf	32.25	3	Vertical	272	1.02	-
AV	2.4308G	103.56	Inf	-Inf	32.25	3	Vertical	272	1.02	-
PK	2.4864G	66.67	74.00	-7.33	32.42	3	Vertical	272	1.02	-
AV	2.4852G	50.92	54.00	-3.08	32.42	3	Vertical	272	1.02	-

802.11n HT20_Nss1,(MCS0)_2TX

2432MHz_TX

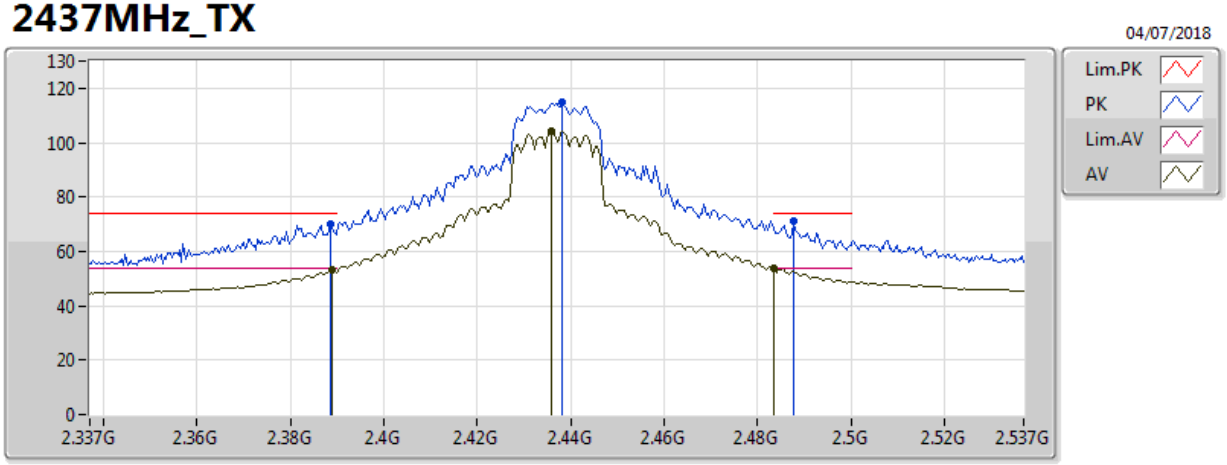


EUT Y 2TX
Setting 76
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.388G	69.48	74.00	-4.52	32.13	3	Horizontal	338	2.76	-
AV	2.389998G	52.94	54.00	-1.06	32.13	3	Horizontal	338	2.76	-
PK	2.4304G	111.72	Inf	-Inf	32.25	3	Horizontal	338	2.76	-
AV	2.4328G	102.01	Inf	-Inf	32.26	3	Horizontal	338	2.76	-
PK	2.4844G	63.98	74.00	-10.02	32.42	3	Horizontal	338	2.76	-
AV	2.484G	49.11	54.00	-4.89	32.42	3	Horizontal	338	2.76	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

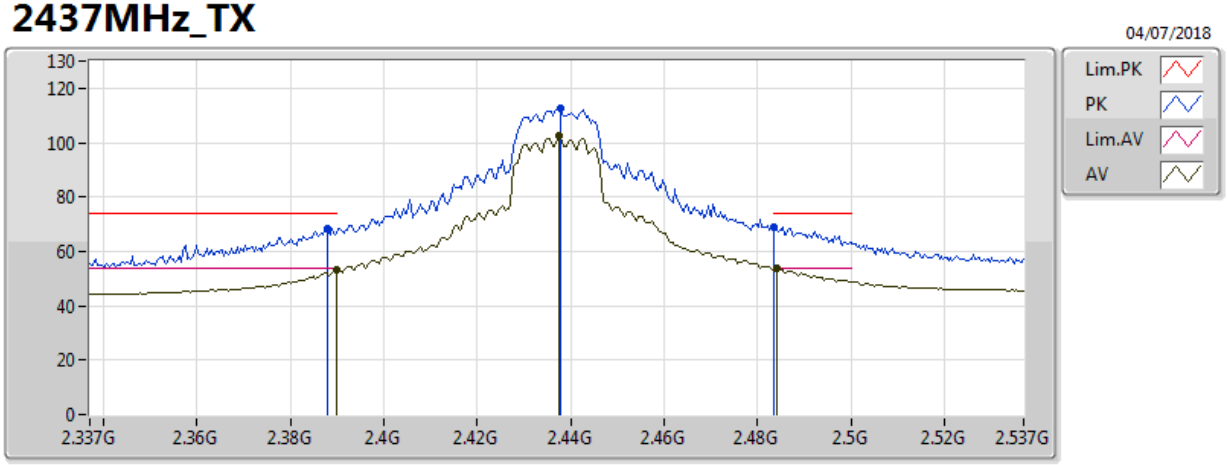


EUT Y 2TX
Setting 79
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3886G	69.79	74.00	-4.21	32.13	3	Vertical	274	1.03	-
AV	2.389G	53.15	54.00	-0.85	32.13	3	Vertical	274	1.03	-
PK	2.4382G	114.77	Inf	-Inf	32.27	3	Vertical	274	1.03	-
AV	2.4358G	104.38	Inf	-Inf	32.27	3	Vertical	274	1.03	-
PK	2.4878G	71.08	74.00	-2.92	32.42	3	Vertical	274	1.03	-
AV	2.483502G	53.80	54.00	-0.20	32.42	3	Vertical	274	1.03	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

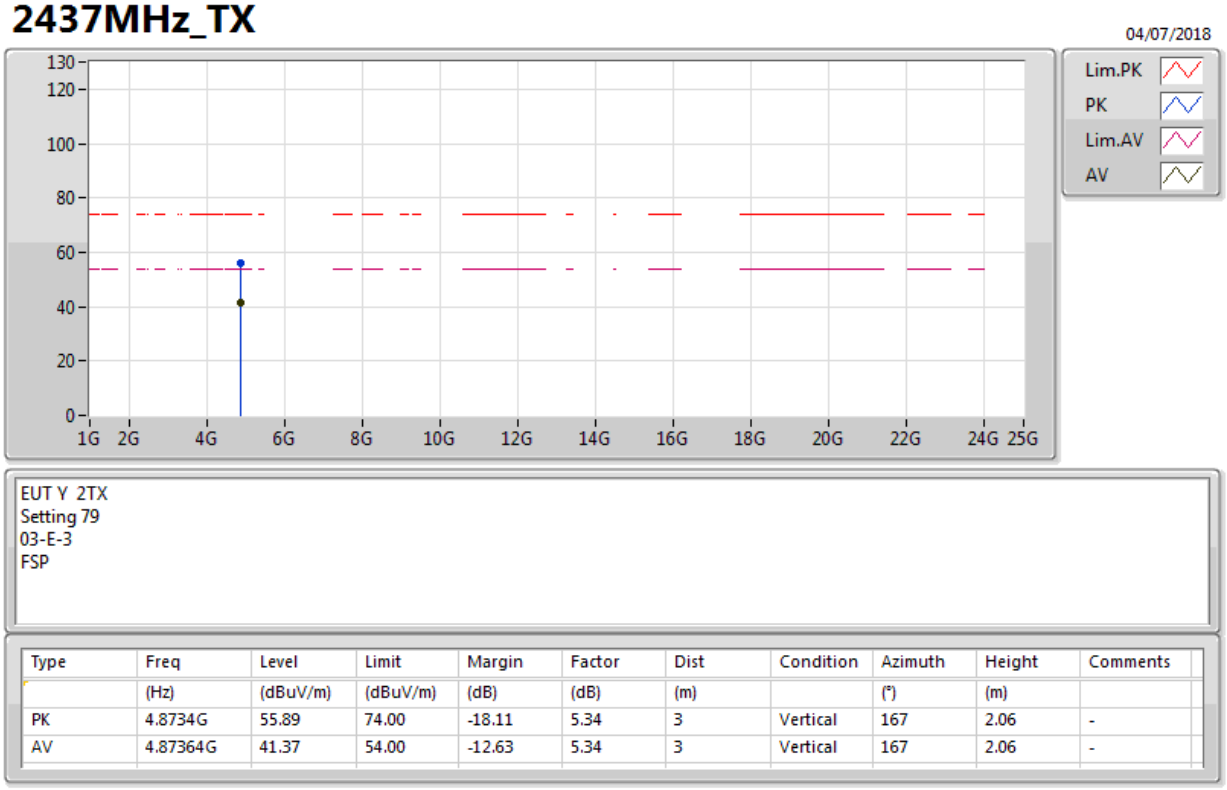


EUT Y 2TX
Setting 79
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3878G	68.45	74.00	-5.55	32.13	3	Horizontal	328	2.42	-
AV	2.3898G	53.07	54.00	-0.93	32.13	3	Horizontal	328	2.42	-
PK	2.4378G	112.61	Inf	-Inf	32.27	3	Horizontal	328	2.42	-
AV	2.4374G	102.71	Inf	-Inf	32.27	3	Horizontal	328	2.42	-
PK	2.483502G	68.85	74.00	-5.15	32.42	3	Horizontal	328	2.42	-
AV	2.4842G	53.65	54.00	-0.35	32.42	3	Horizontal	328	2.42	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

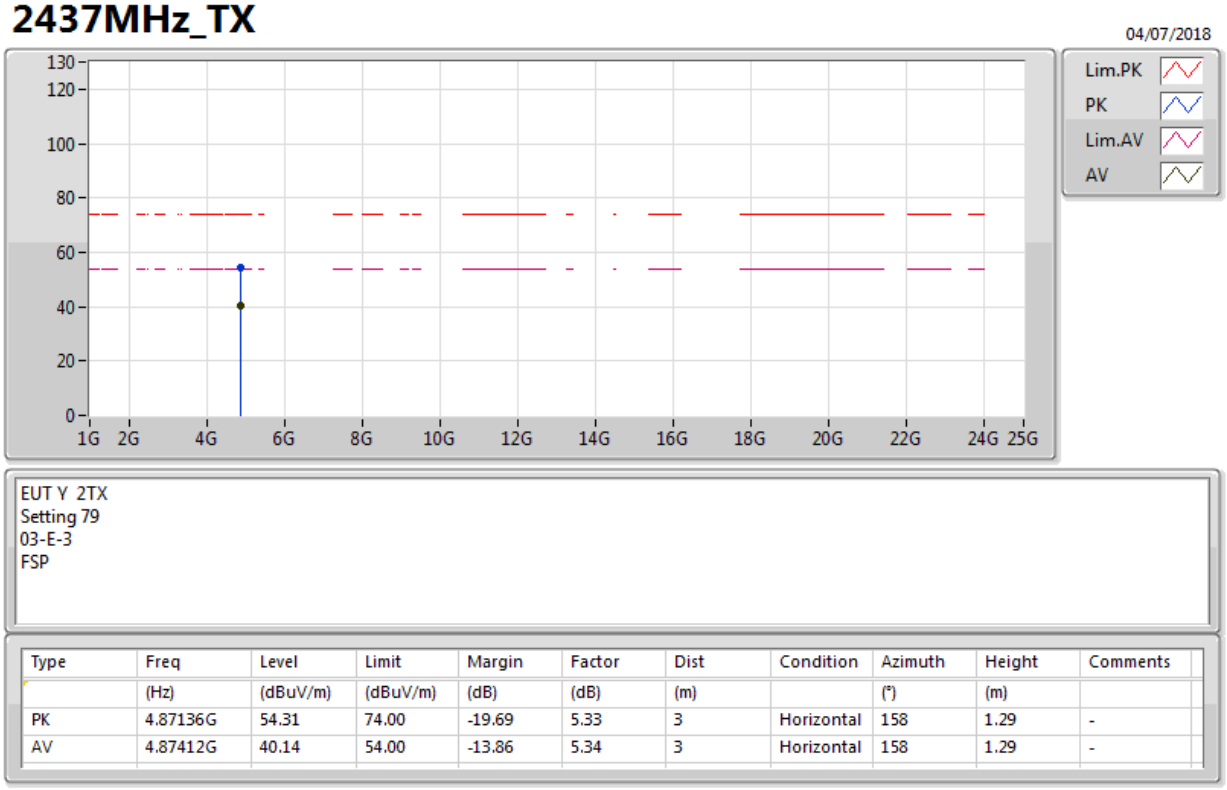


EUT Y 2TX
Setting 79
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.8734G	55.89	74.00	-18.11	5.34	3	Vertical	167	2.06	-
AV	4.87364G	41.37	54.00	-12.63	5.34	3	Vertical	167	2.06	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

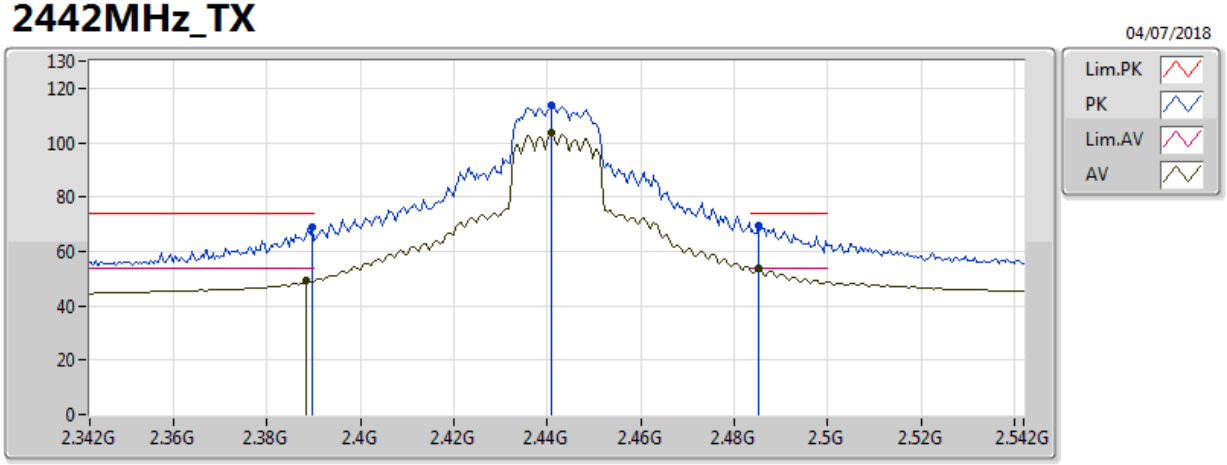


EUT Y 2TX
Setting 79
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.87136G	54.31	74.00	-19.69	5.33	3	Horizontal	158	1.29	-
AV	4.87412G	40.14	54.00	-13.86	5.34	3	Horizontal	158	1.29	-

802.11n HT20_Nss1,(MCS0)_2TX

2442MHz_TX

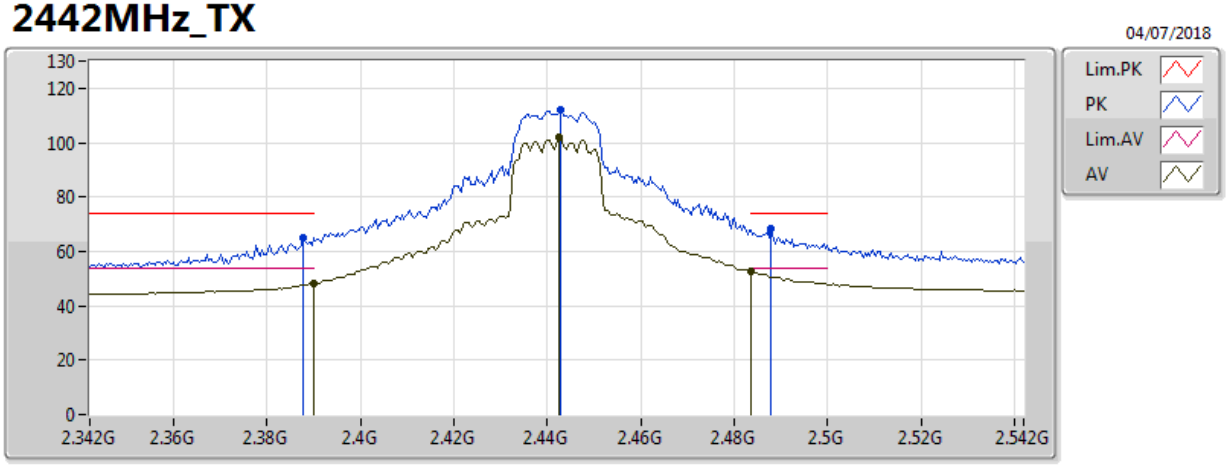


EUT Y 2TX
Setting 76
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3896G	68.97	74.00	-5.03	32.13	3	Vertical	273	1.01	-
AV	2.3884G	49.05	54.00	-4.95	32.12	3	Vertical	273	1.01	-
PK	2.4408G	113.51	Inf	-Inf	32.28	3	Vertical	273	1.01	-
AV	2.4408G	103.55	Inf	-Inf	32.28	3	Vertical	273	1.01	-
PK	2.4852G	69.55	74.00	-4.45	32.42	3	Vertical	273	1.01	-
AV	2.4852G	53.75	54.00	-0.25	32.42	3	Vertical	273	1.01	-

802.11n HT20_Nss1,(MCS0)_2TX

2442MHz_TX

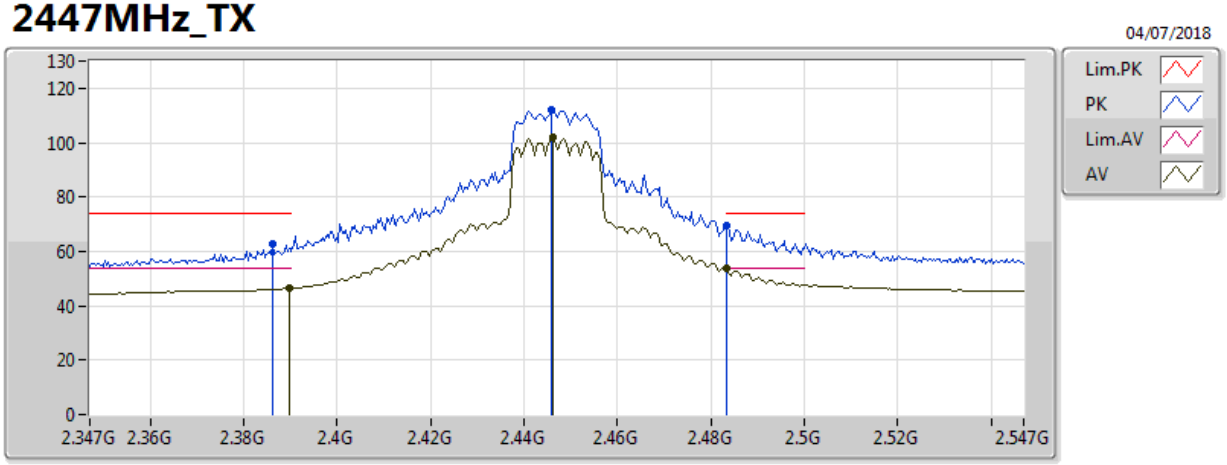


EUT Y 2TX
Setting 76
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3876G	64.97	74.00	-9.03	32.13	3	Horizontal	330	2.46	-
AV	2.389998G	48.23	54.00	-5.77	32.13	3	Horizontal	330	2.46	-
PK	2.4428G	111.86	Inf	-Inf	32.29	3	Horizontal	330	2.46	-
AV	2.4424G	101.89	Inf	-Inf	32.29	3	Horizontal	330	2.46	-
PK	2.488G	68.32	74.00	-5.68	32.42	3	Horizontal	330	2.46	-
AV	2.483502G	52.43	54.00	-1.57	32.42	3	Horizontal	330	2.46	-

802.11n HT20_Nss1,(MCS0)_2TX

2447MHz_TX

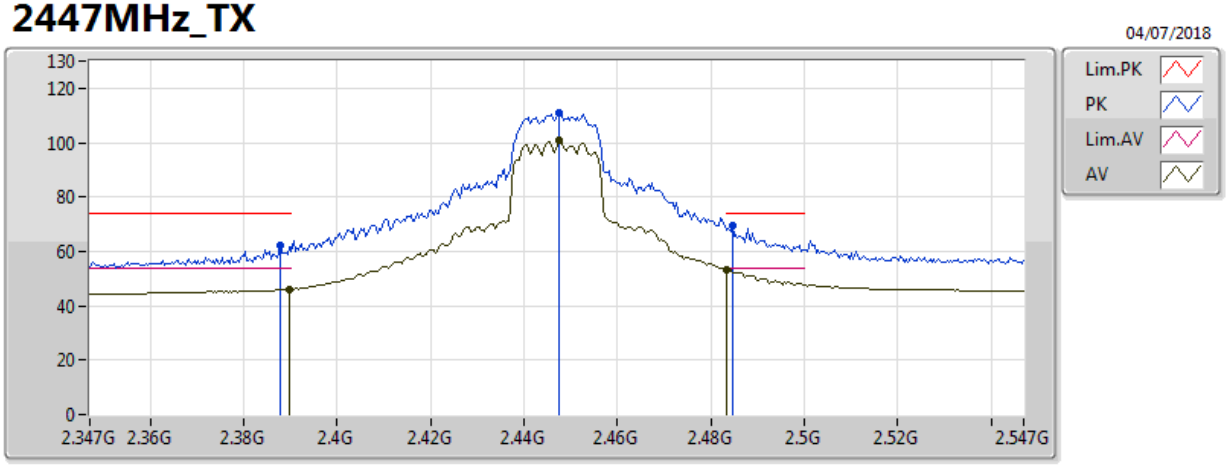


EUT Y 2TX
Setting 72
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3862G	62.63	74.00	-11.37	32.12	3	Vertical	292	1.00	-
AV	2.3898G	46.37	54.00	-7.63	32.13	3	Vertical	292	1.00	-
PK	2.4458G	112.19	Inf	-Inf	32.30	3	Vertical	292	1.00	-
AV	2.4462G	101.82	Inf	-Inf	32.30	3	Vertical	292	1.00	-
PK	2.483502G	69.67	74.00	-4.33	32.41	3	Vertical	292	1.00	-
AV	2.483502G	53.75	54.00	-0.25	32.41	3	Vertical	292	1.00	-

802.11n HT20_Nss1,(MCS0)_2TX

2447MHz_TX

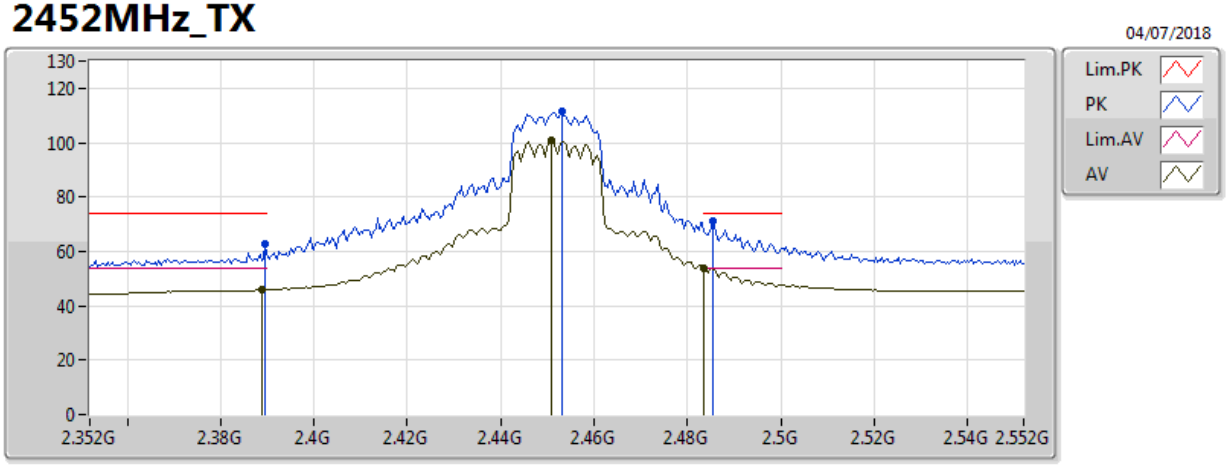


EUT Y 2TX
Setting 72
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3878G	61.92	74.00	-12.08	32.13	3	Horizontal	330	2.47	-
AV	2.3898G	46.10	54.00	-7.90	32.13	3	Horizontal	330	2.47	-
PK	2.4474G	110.77	Inf	-Inf	32.30	3	Horizontal	330	2.47	-
AV	2.4474G	100.93	Inf	-Inf	32.30	3	Horizontal	330	2.47	-
PK	2.4846G	69.36	74.00	-4.64	32.42	3	Horizontal	330	2.47	-
AV	2.483502G	53.33	54.00	-0.67	32.42	3	Horizontal	330	2.47	-

802.11n HT20_Nss1,(MCS0)_2TX

2452MHz_TX

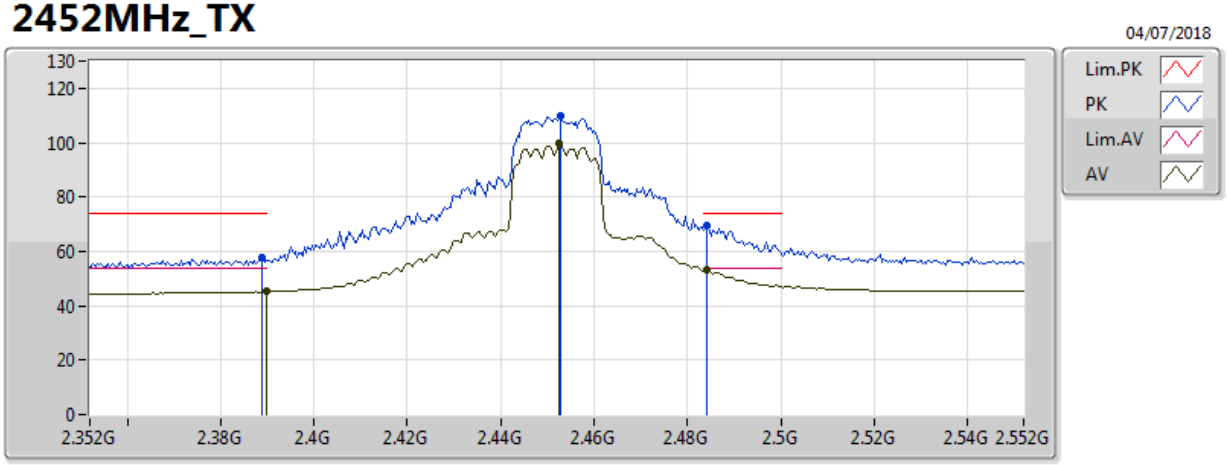


EUT Y 2TX
Setting 69
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3896G	62.65	74.00	-11.35	32.13	3	Vertical	270	1.25	-
AV	2.3888G	45.83	54.00	-8.17	32.13	3	Vertical	270	1.25	-
PK	2.4532G	111.26	Inf	-Inf	32.32	3	Vertical	270	1.25	-
AV	2.4508G	101.02	Inf	-Inf	32.31	3	Vertical	270	1.25	-
PK	2.4856G	71.38	74.00	-2.62	32.42	3	Vertical	270	1.25	-
AV	2.483502G	53.95	54.00	-0.05	32.42	3	Vertical	270	1.25	-

802.11n HT20_Nss1,(MCS0)_2TX

2452MHz_TX

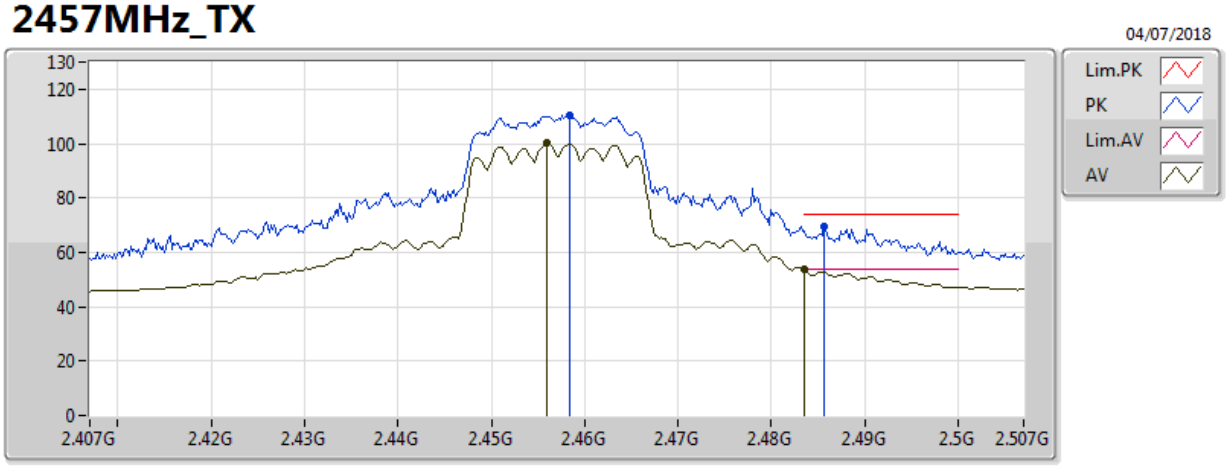


EUT Y 2TX
Setting 69
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3888G	57.95	74.00	-16.05	32.13	3	Horizontal	330	2.48	-
AV	2.389998G	45.18	54.00	-8.82	32.13	3	Horizontal	330	2.48	-
PK	2.4528G	109.72	Inf	-Inf	32.32	3	Horizontal	330	2.48	-
AV	2.4524G	99.65	Inf	-Inf	32.32	3	Horizontal	330	2.48	-
PK	2.484G	69.32	74.00	-4.68	32.42	3	Horizontal	330	2.48	-
AV	2.484G	53.31	54.00	-0.69	32.42	3	Horizontal	330	2.48	-

802.11n HT20_Nss1,(MCS0)_2TX

2457MHz_TX

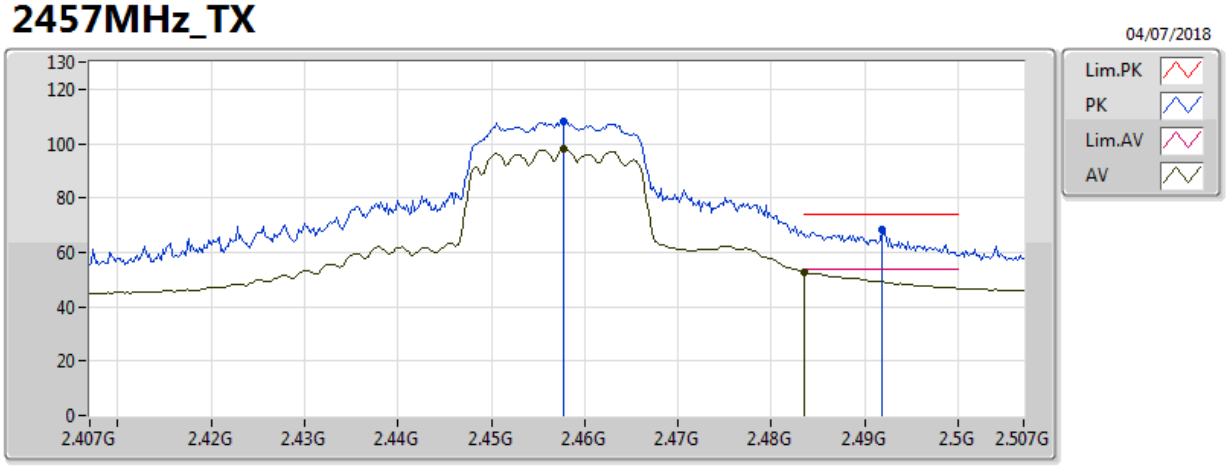


EUT Y 2TX
Setting 61
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.4584G	110.56	Inf	-Inf	32.34	3	Vertical	270	1.16	-
AV	2.456G	100.10	Inf	-Inf	32.33	3	Vertical	270	1.16	-
PK	2.4856G	69.39	74.00	-4.61	32.42	3	Vertical	270	1.16	-
AV	2.483502G	53.86	54.00	-0.14	32.42	3	Vertical	270	1.16	-

802.11n HT20_Nss1,(MCS0)_2TX

2457MHz_TX

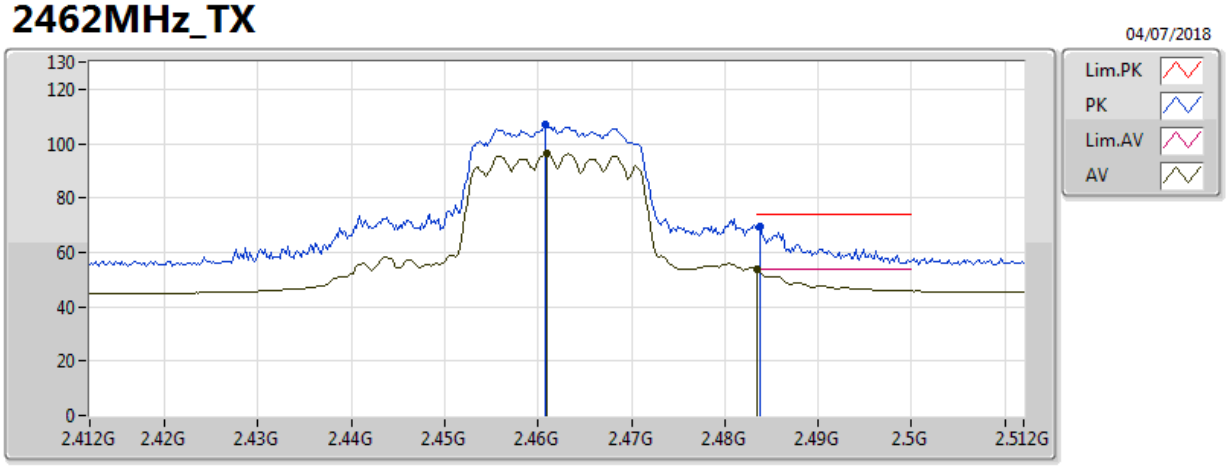


EUT Y 2TX
Setting 61
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.4578G	108.38	Inf	-Inf	32.33	3	Horizontal	344	2.99	-
AV	2.4578G	98.17	Inf	-Inf	32.33	3	Horizontal	344	2.99	-
PK	2.4918G	68.53	74.00	-5.47	32.43	3	Horizontal	344	2.99	-
AV	2.483502G	52.72	54.00	-1.28	32.42	3	Horizontal	344	2.99	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

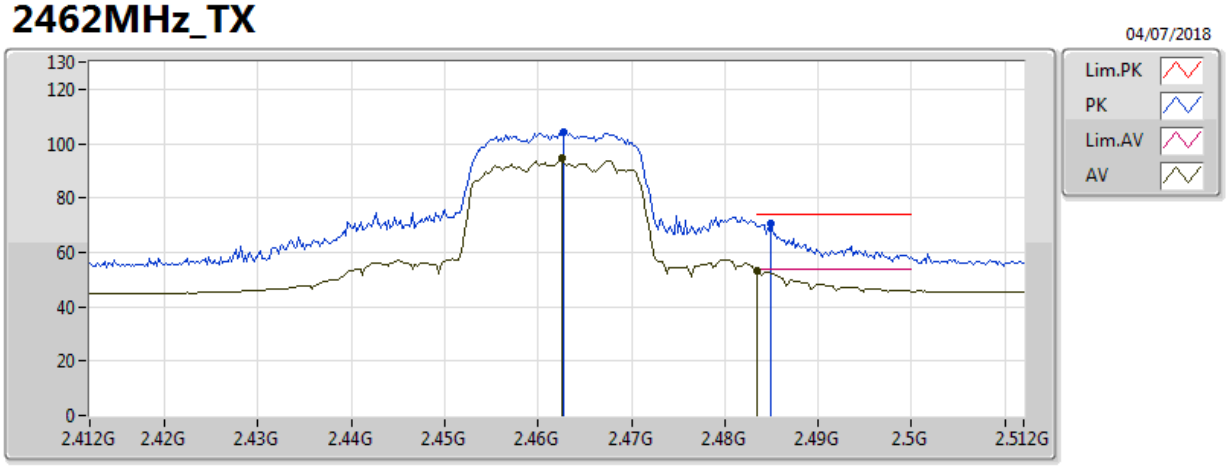


EUT Y 2TX
Setting 46
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.4608G	106.95	Inf	-Inf	32.34	3	Vertical	269	1.14	-
AV	2.461G	96.36	Inf	-Inf	32.34	3	Vertical	269	1.14	-
PK	2.4838G	69.65	74.00	-4.35	32.42	3	Vertical	269	1.14	-
AV	2.483502G	53.89	54.00	-0.11	32.42	3	Vertical	269	1.14	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

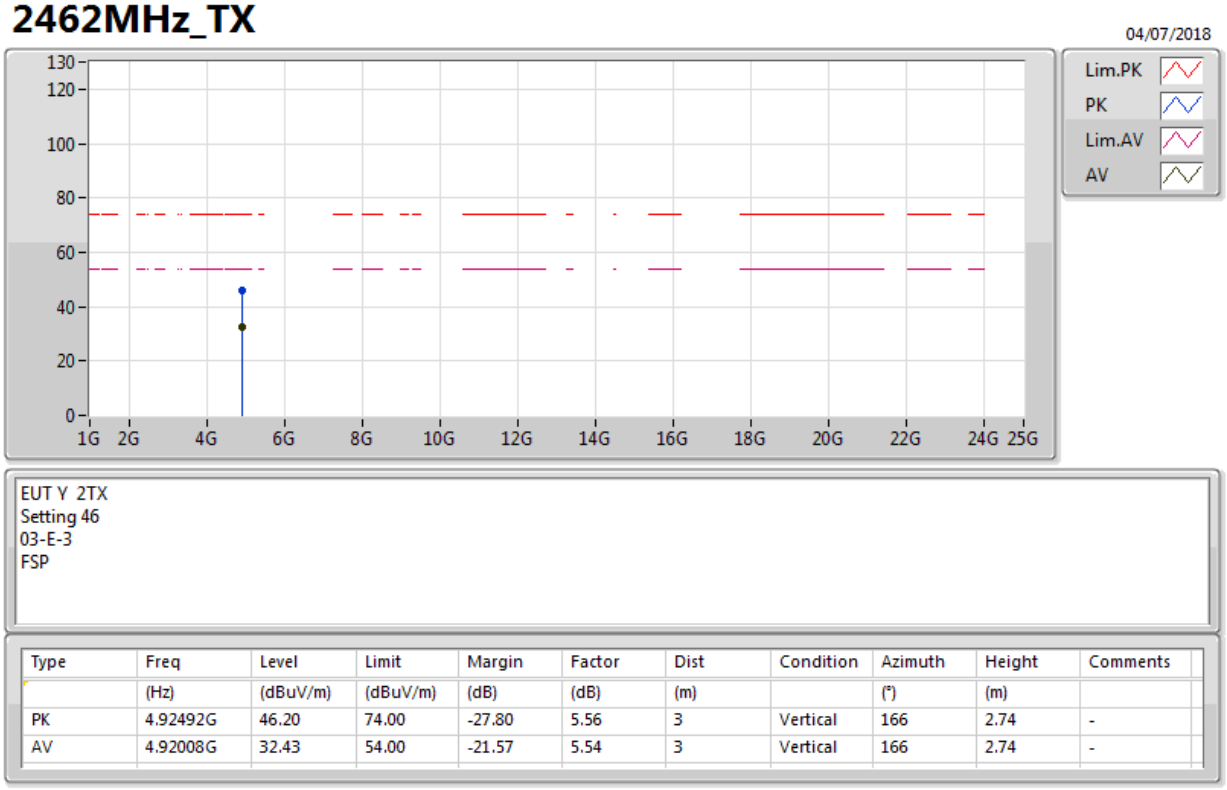


EUT Y 2TX
Setting 46
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.4628G	104.29	Inf	-Inf	32.35	3	Horizontal	324	1.13	-
AV	2.4626G	94.53	Inf	-Inf	32.35	3	Horizontal	324	1.13	-
PK	2.485G	70.51	74.00	-3.49	32.42	3	Horizontal	324	1.13	-
AV	2.483502G	53.01	54.00	-0.99	32.42	3	Horizontal	324	1.13	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

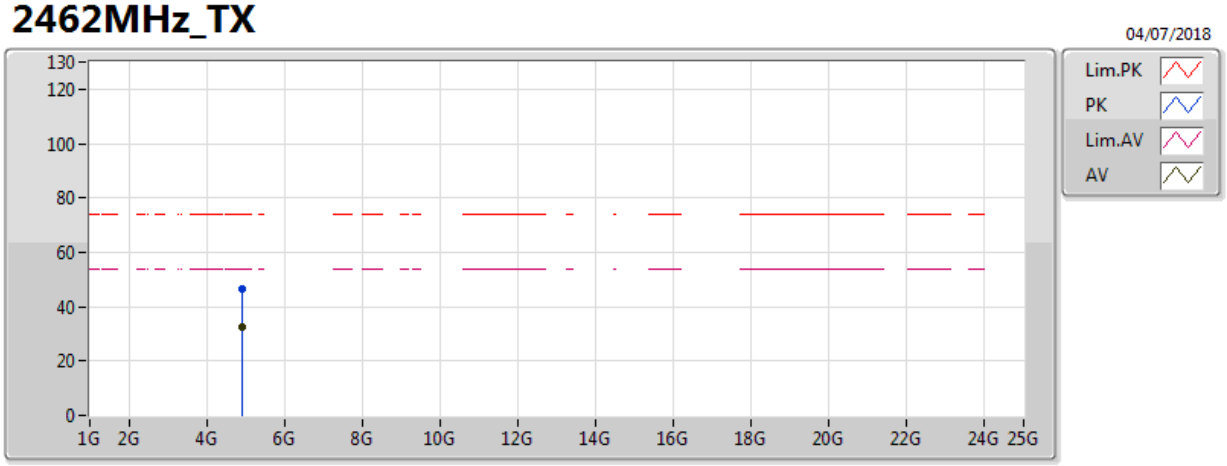


EUT Y 2TX
Setting 46
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.92492G	46.20	74.00	-27.80	5.56	3	Vertical	166	2.74	-
AV	4.92008G	32.43	54.00	-21.57	5.54	3	Vertical	166	2.74	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

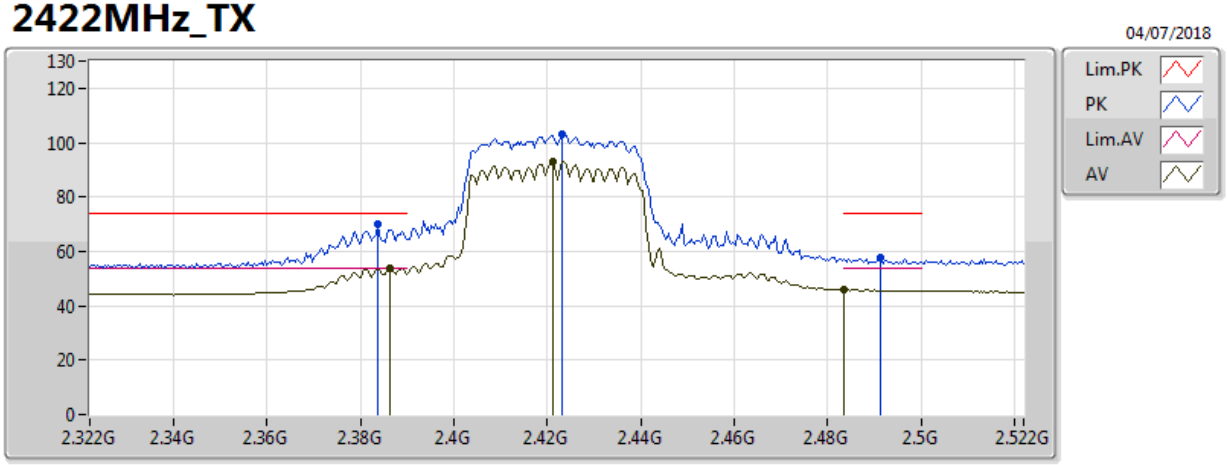


EUT Y 2TX
Setting 46
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.91952G	46.57	74.00	-27.43	5.54	3	Horizontal	302	1.25	-
AV	4.92018G	32.51	54.00	-21.49	5.54	3	Horizontal	302	1.25	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

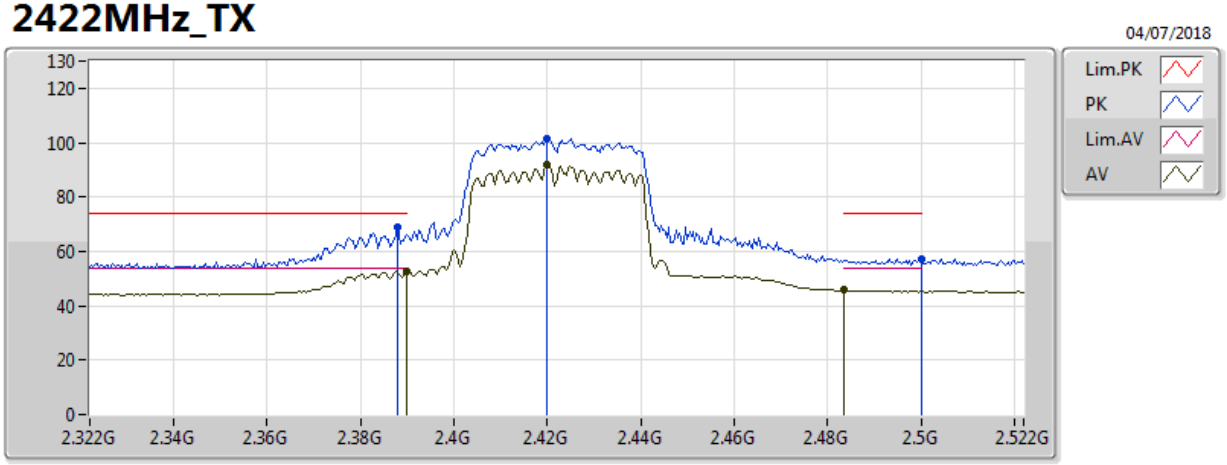


EUT Y 2TX
Setting 47
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3836G	70.01	74.00	-3.99	32.11	3	Vertical	257	1.06	-
AV	2.3864G	53.81	54.00	-0.19	32.12	3	Vertical	257	1.06	-
PK	2.4232G	103.07	Inf	-Inf	32.23	3	Vertical	257	1.06	-
AV	2.4212G	92.90	Inf	-Inf	32.22	3	Vertical	257	1.06	-
PK	2.4912G	57.48	74.00	-16.52	32.43	3	Vertical	257	1.06	-
AV	2.483502G	45.92	54.00	-8.08	32.42	3	Vertical	257	1.06	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

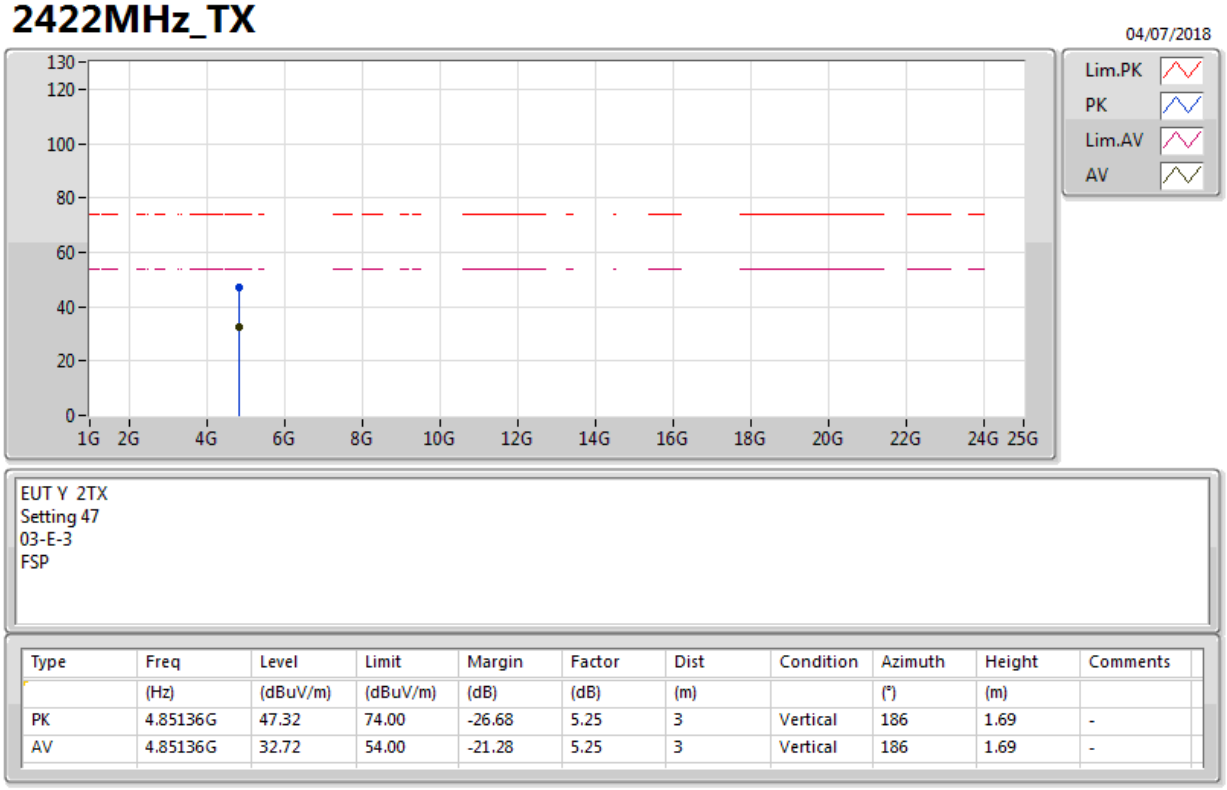


EUT Y 2TX
Setting 47
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.388G	69.11	74.00	-4.89	32.13	3	Horizontal	329	2.48	-
AV	2.389998G	52.50	54.00	-1.50	32.13	3	Horizontal	329	2.48	-
PK	2.42G	101.58	Inf	-Inf	32.22	3	Horizontal	329	2.48	-
AV	2.42G	91.84	Inf	-Inf	32.22	3	Horizontal	329	2.48	-
PK	2.499998G	57.32	74.00	-16.68	32.46	3	Horizontal	329	2.48	-
AV	2.483502G	45.71	54.00	-8.29	32.42	3	Horizontal	329	2.48	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

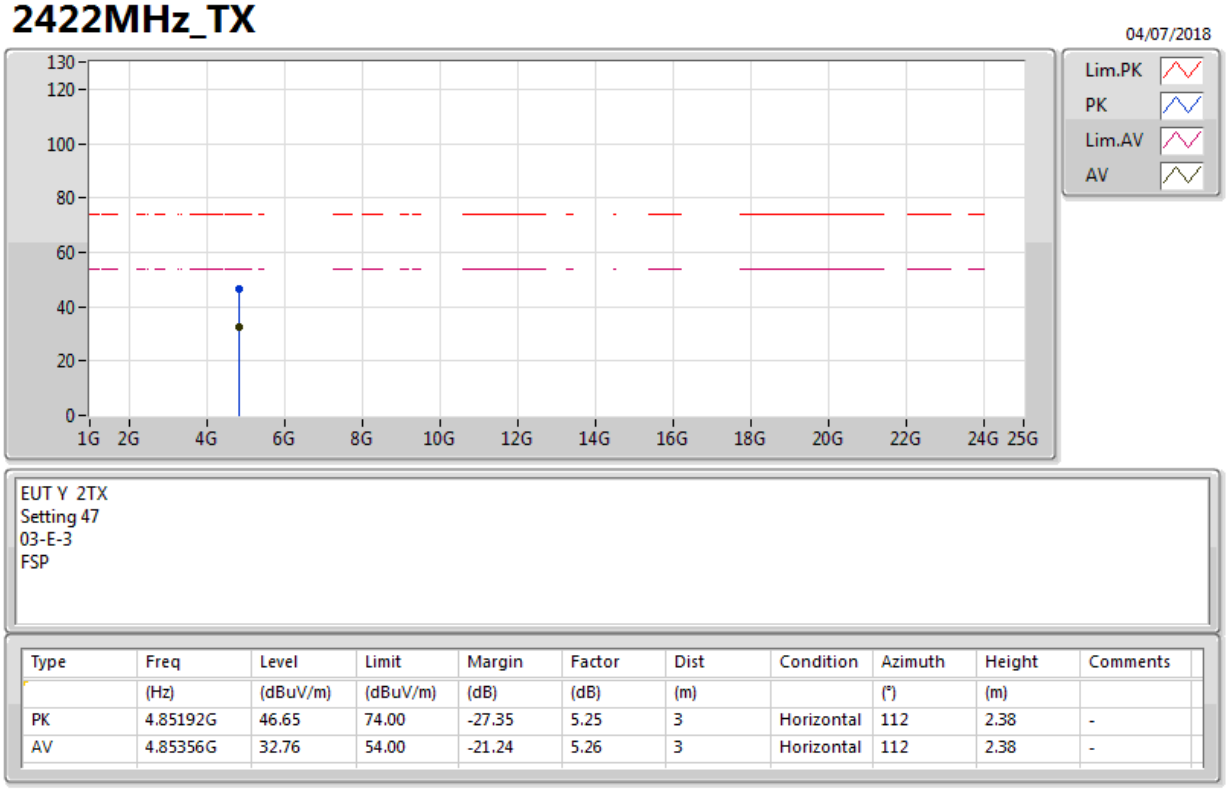


EUT Y 2TX
Setting 47
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.85136G	47.32	74.00	-26.68	5.25	3	Vertical	186	1.69	-
AV	4.85136G	32.72	54.00	-21.28	5.25	3	Vertical	186	1.69	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

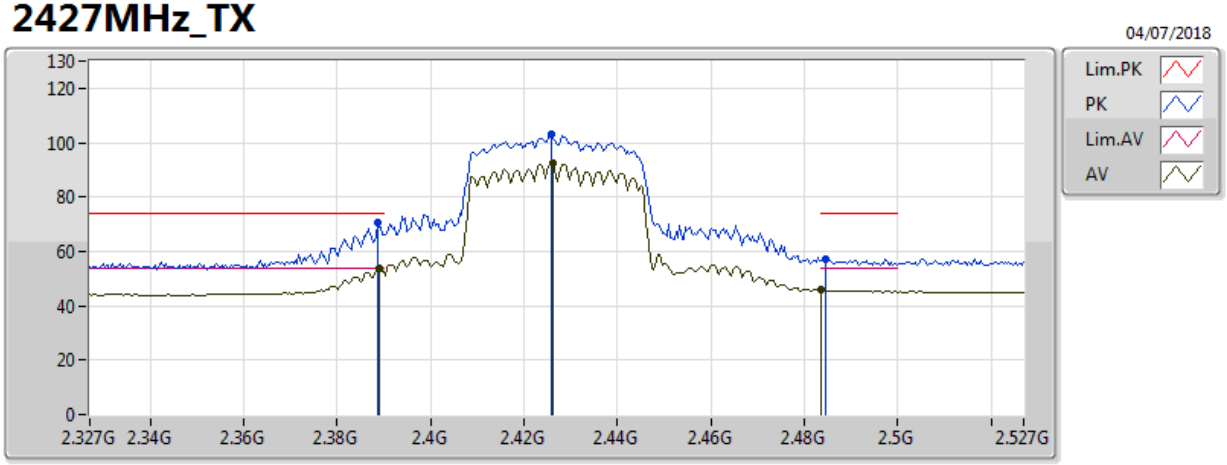


EUT Y 2TX
Setting 47
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.85192G	46.65	74.00	-27.35	5.25	3	Horizontal	112	2.38	-
AV	4.85356G	32.76	54.00	-21.24	5.26	3	Horizontal	112	2.38	-

802.11n HT40_Nss1,(MCS0)_2TX

2427MHz_TX

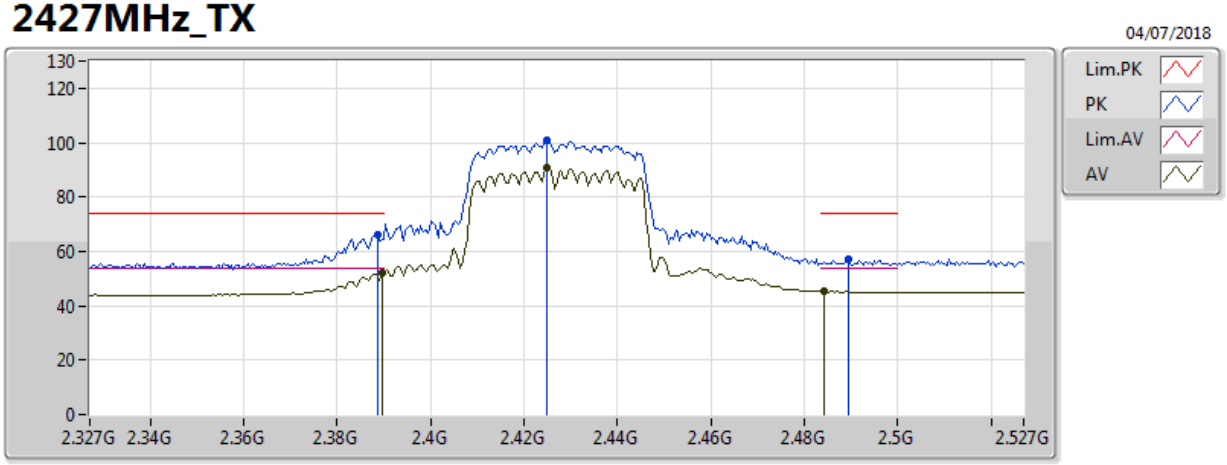


EUT Y 2TX
Setting 43
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3886G	70.81	74.00	-3.19	32.13	3	Vertical	273	1.11	-
AV	2.389G	53.89	54.00	-0.11	32.13	3	Vertical	273	1.11	-
PK	2.4258G	103.26	Inf	-Inf	32.24	3	Vertical	273	1.11	-
AV	2.4262G	92.57	Inf	-Inf	32.24	3	Vertical	273	1.11	-
PK	2.4846G	57.19	74.00	-16.81	32.42	3	Vertical	273	1.11	-
AV	2.483502G	45.86	54.00	-8.14	32.42	3	Vertical	273	1.11	-

802.11n HT40_Nss1,(MCS0)_2TX

2427MHz_TX

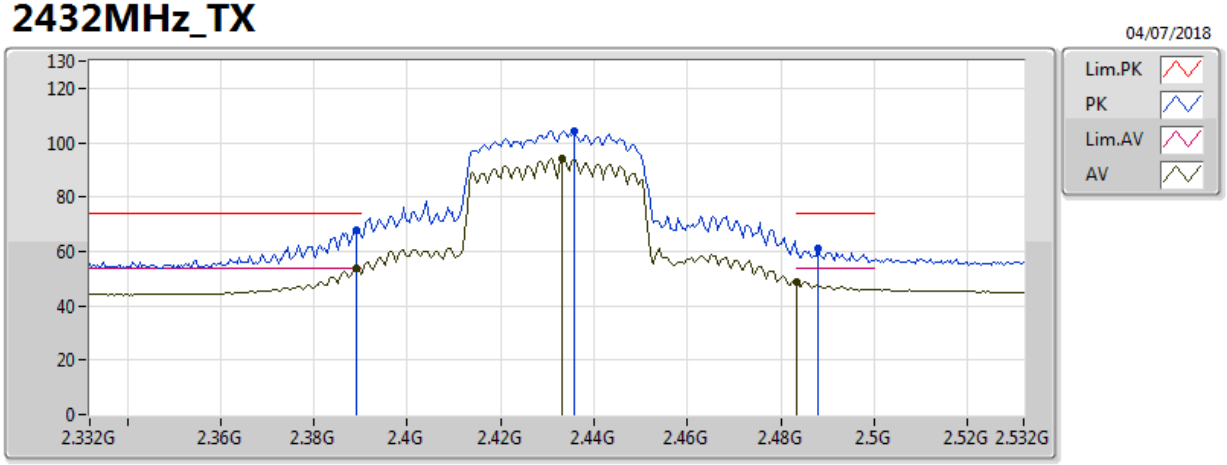


EUT Y 2TX
Setting 43
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3886G	65.98	74.00	-8.02	32.13	3	Horizontal	328	2.49	-
AV	2.3898G	52.13	54.00	-1.87	32.13	3	Horizontal	328	2.49	-
PK	2.425G	101.01	Inf	-Inf	32.23	3	Horizontal	328	2.49	-
AV	2.425G	90.85	Inf	-Inf	32.23	3	Horizontal	328	2.49	-
PK	2.4894G	57.00	74.00	-17.00	32.43	3	Horizontal	328	2.49	-
AV	2.4842G	45.18	54.00	-8.82	32.42	3	Horizontal	328	2.49	-

802.11n HT40_Nss1,(MCS0)_2TX

2432MHz_TX

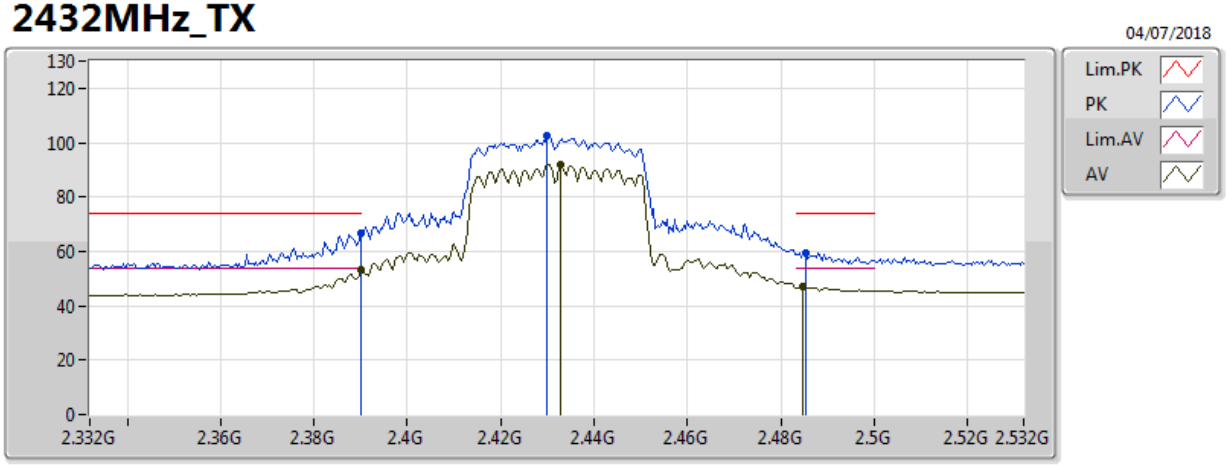


EUT Y 2TX
Setting 49
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3892G	68.03	74.00	-5.97	32.13	3	Vertical	269	1.02	-
AV	2.3892G	53.86	54.00	-0.14	32.13	3	Vertical	269	1.02	-
PK	2.4356G	104.15	Inf	-Inf	32.27	3	Vertical	269	1.02	-
AV	2.4332G	94.02	Inf	-Inf	32.26	3	Vertical	269	1.02	-
PK	2.488G	60.90	74.00	-13.10	32.42	3	Vertical	269	1.02	-
AV	2.483502G	48.74	54.00	-5.26	32.42	3	Vertical	269	1.02	-

802.11n HT40_Nss1,(MCS0)_2TX

2432MHz_TX

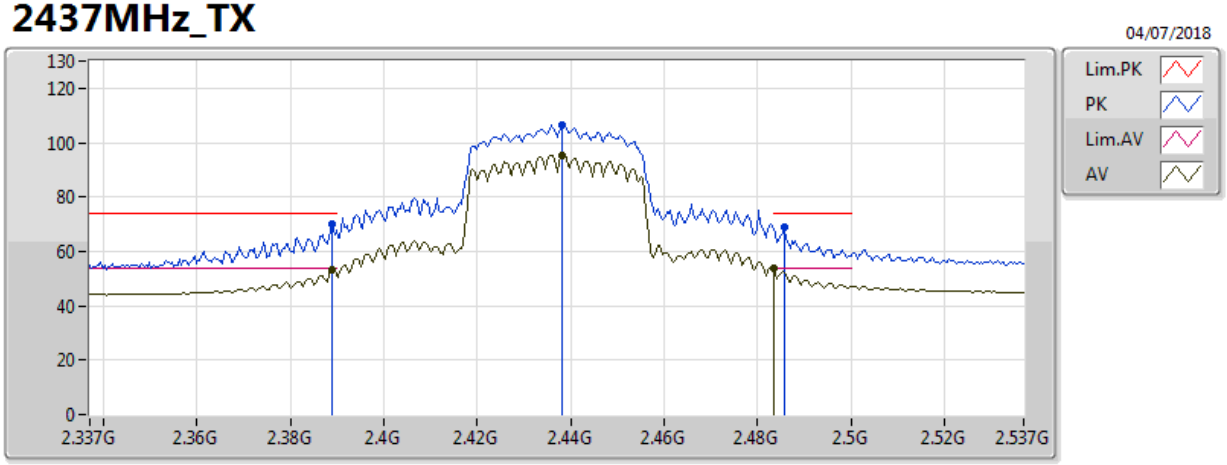


EUT Y 2TX
Setting 49
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.389998G	66.52	74.00	-7.48	32.13	3	Horizontal	342	2.22	-
AV	2.389998G	53.11	54.00	-0.89	32.13	3	Horizontal	342	2.22	-
PK	2.43G	102.33	Inf	-Inf	32.25	3	Horizontal	342	2.22	-
AV	2.4328G	91.96	Inf	-Inf	32.26	3	Horizontal	342	2.22	-
PK	2.4852G	59.51	74.00	-14.49	32.42	3	Horizontal	342	2.22	-
AV	2.4848G	47.09	54.00	-6.91	32.42	3	Horizontal	342	2.22	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

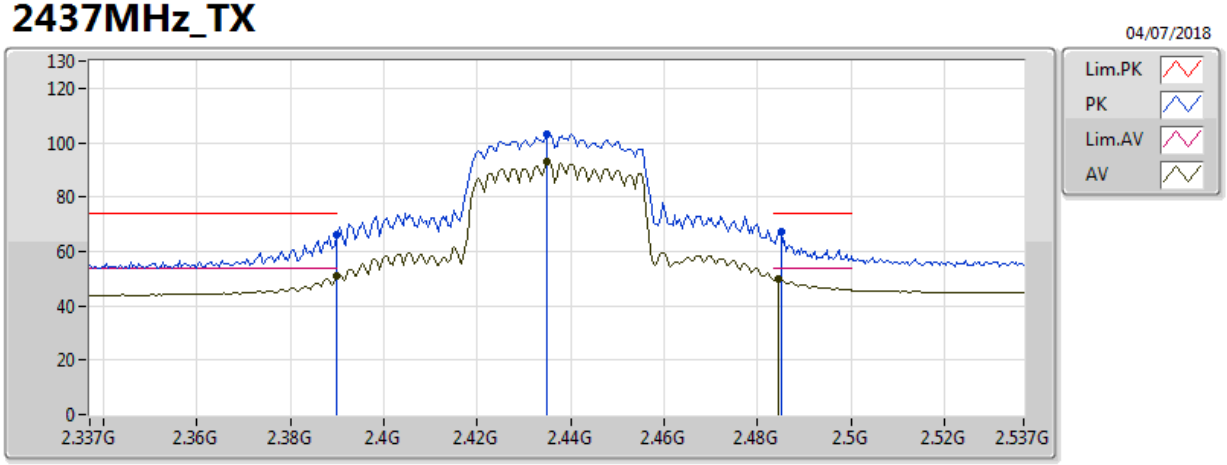


EUT Y 2TX
Setting 55
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.389G	69.99	74.00	-4.01	32.13	3	Vertical	274	1.03	-
AV	2.389G	52.96	54.00	-1.04	32.13	3	Vertical	274	1.03	-
PK	2.4382G	106.37	Inf	-Inf	32.27	3	Vertical	274	1.03	-
AV	2.4382G	95.49	Inf	-Inf	32.27	3	Vertical	274	1.03	-
PK	2.4858G	68.91	74.00	-5.09	32.42	3	Vertical	274	1.03	-
AV	2.483502G	53.85	54.00	-0.15	32.41	3	Vertical	274	1.03	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

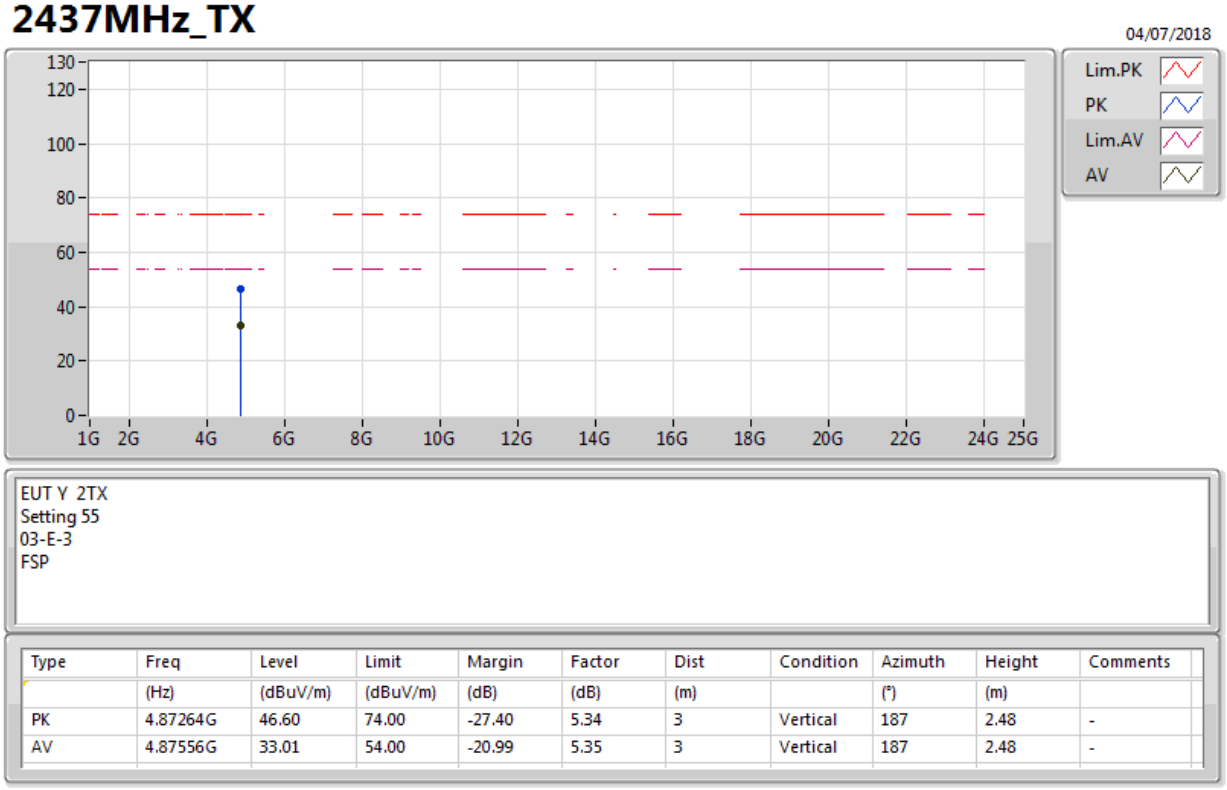


EUT Y 2TX
Setting 55
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3898G	65.97	74.00	-8.03	32.13	3	Horizontal	202	2.41	-
AV	2.3898G	50.89	54.00	-3.11	32.13	3	Horizontal	202	2.41	-
PK	2.435G	103.29	Inf	-Inf	32.27	3	Horizontal	202	2.41	-
AV	2.435G	92.96	Inf	-Inf	32.27	3	Horizontal	202	2.41	-
PK	2.485G	67.12	74.00	-6.88	32.42	3	Horizontal	202	2.41	-
AV	2.4846G	50.08	54.00	-3.92	32.42	3	Horizontal	202	2.41	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

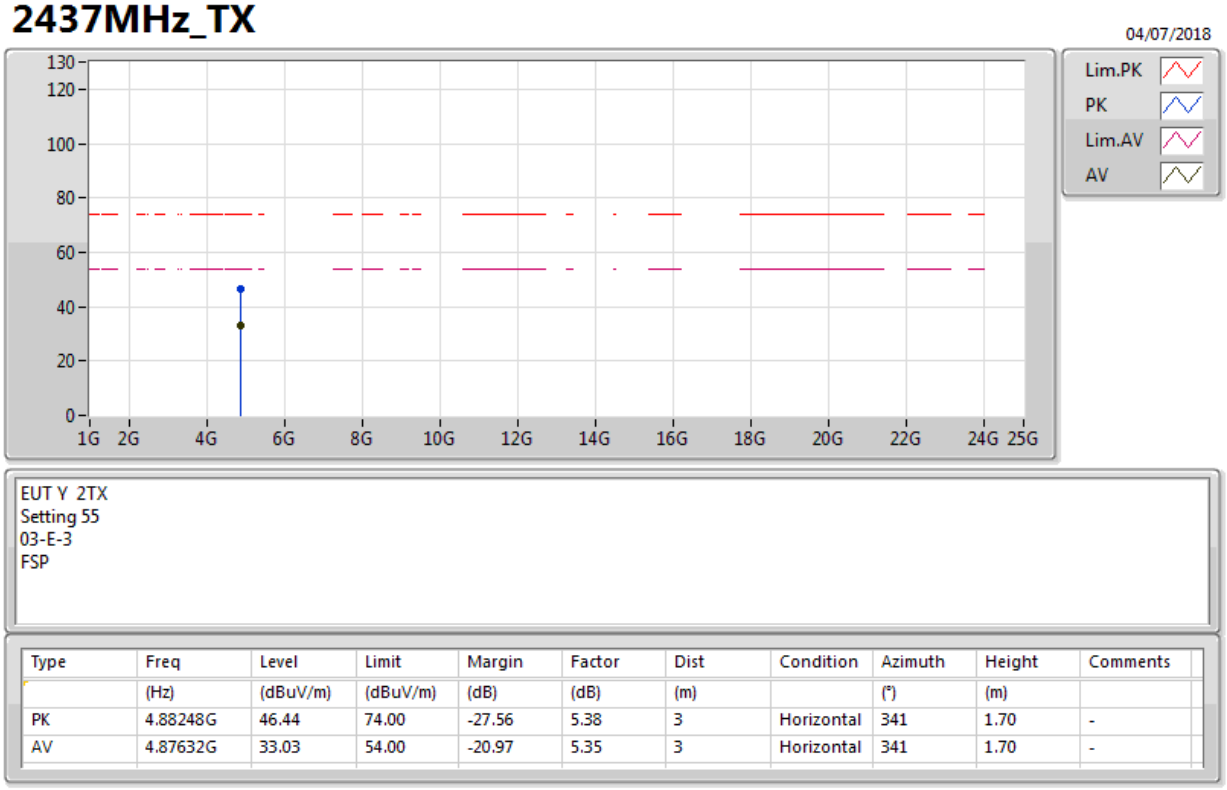


EUT Y 2TX
Setting 55
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.87264G	46.60	74.00	-27.40	5.34	3	Vertical	187	2.48	-
AV	4.87556G	33.01	54.00	-20.99	5.35	3	Vertical	187	2.48	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

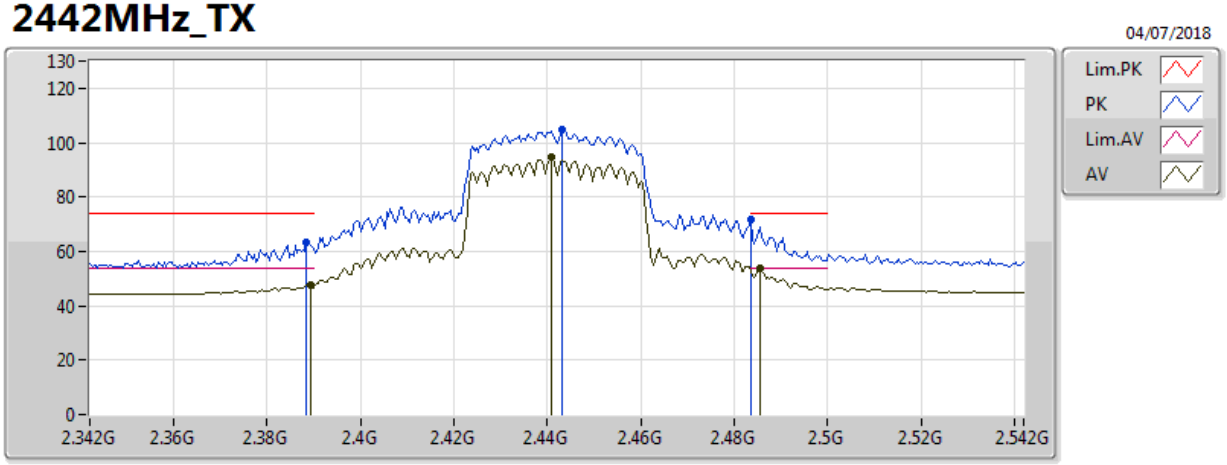


EUT Y 2TX
Setting 55
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.88248G	46.44	74.00	-27.56	5.38	3	Horizontal	341	1.70	-
AV	4.87632G	33.03	54.00	-20.97	5.35	3	Horizontal	341	1.70	-

802.11n HT40_Nss1,(MCS0)_2TX

2442MHz_TX

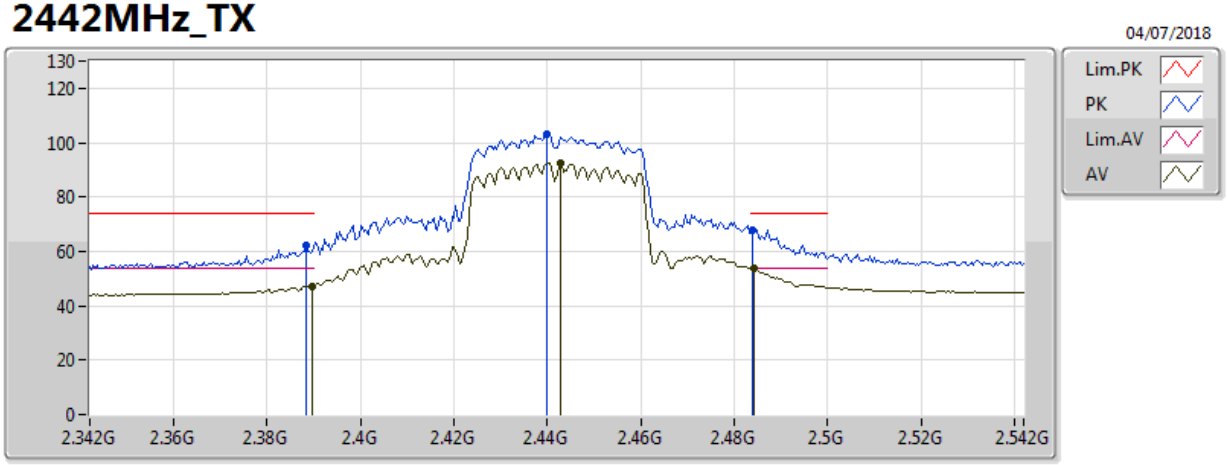


EUT Y 2TX
Setting 50
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3884G	63.30	74.00	-10.70	32.12	3	Vertical	291	1.01	-
AV	2.3892G	47.90	54.00	-6.10	32.13	3	Vertical	291	1.01	-
PK	2.4432G	104.62	Inf	-Inf	32.29	3	Vertical	291	1.01	-
AV	2.4408G	94.60	Inf	-Inf	32.28	3	Vertical	291	1.01	-
PK	2.483502G	71.46	74.00	-2.54	32.41	3	Vertical	291	1.01	-
AV	2.4856G	53.82	54.00	-0.18	32.42	3	Vertical	291	1.01	-

802.11n HT40_Nss1,(MCS0)_2TX

2442MHz_TX

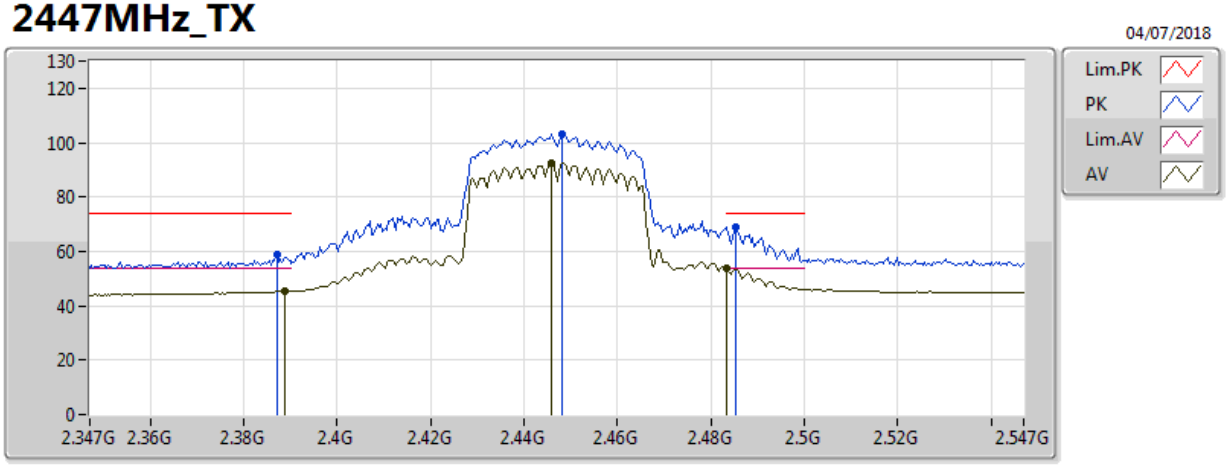


EUT Y 2TX
Setting 50
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3884G	62.36	74.00	-11.64	32.13	3	Horizontal	329	2.43	-
AV	2.3896G	47.31	54.00	-6.69	32.13	3	Horizontal	329	2.43	-
PK	2.44G	103.27	Inf	-Inf	32.28	3	Horizontal	329	2.43	-
AV	2.4428G	92.55	Inf	-Inf	32.29	3	Horizontal	329	2.43	-
PK	2.484G	68.00	74.00	-6.00	32.42	3	Horizontal	329	2.43	-
AV	2.4844G	53.69	54.00	-0.31	32.42	3	Horizontal	329	2.43	-

802.11n HT40_Nss1,(MCS0)_2TX

2447MHz_TX

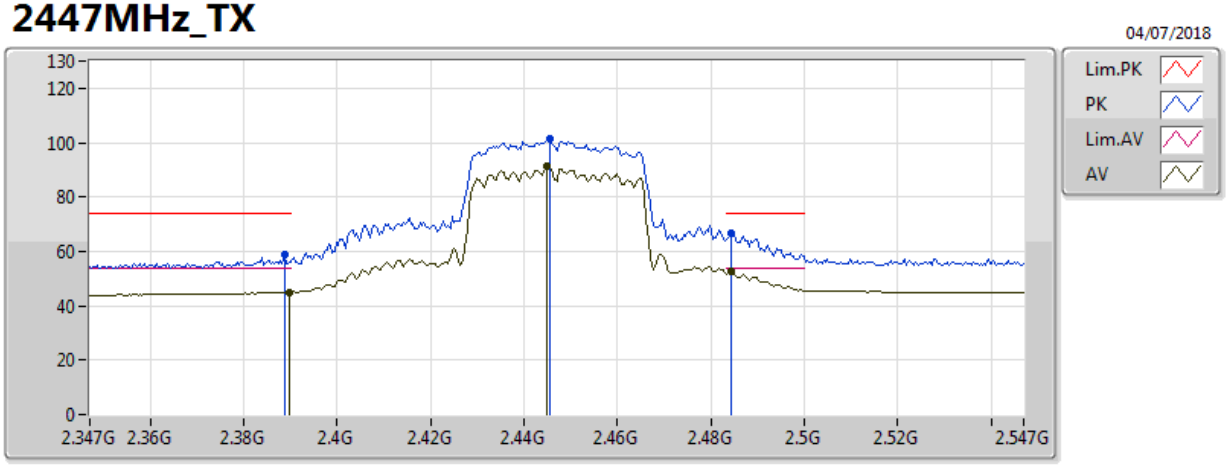


EUT Y 2TX
Setting 44
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.387G	58.81	74.00	-15.19	32.12	3	Vertical	267	1.27	-
AV	2.3886G	45.35	54.00	-8.65	32.13	3	Vertical	267	1.27	-
PK	2.4482G	103.32	Inf	-Inf	32.30	3	Vertical	267	1.27	-
AV	2.4458G	92.62	Inf	-Inf	32.30	3	Vertical	267	1.27	-
PK	2.4854G	68.99	74.00	-5.01	32.42	3	Vertical	267	1.27	-
AV	2.483502G	53.97	54.00	-0.03	32.42	3	Vertical	267	1.27	-

802.11n HT40_Nss1,(MCS0)_2TX

2447MHz_TX

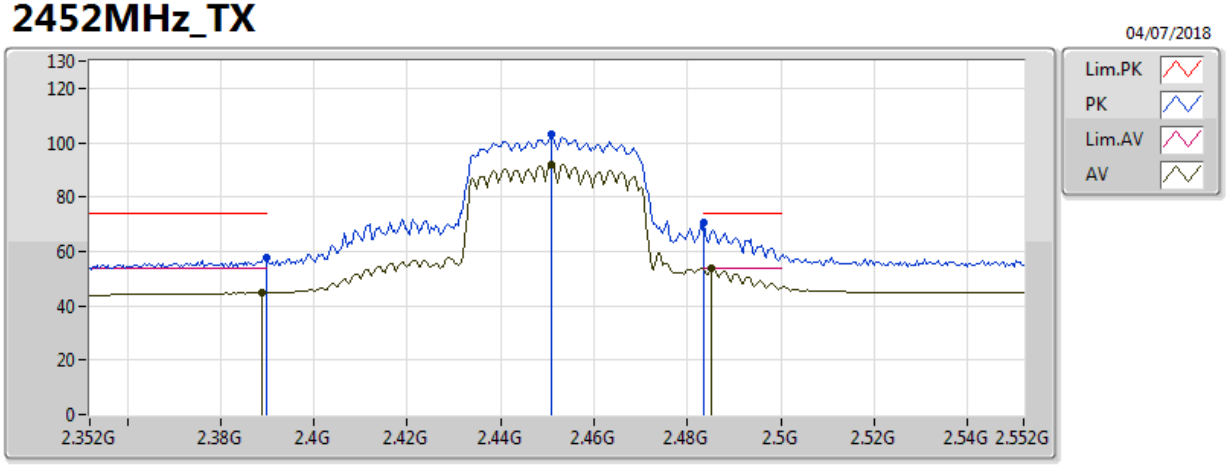


EUT Y 2TX
Setting 44
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3886G	58.78	74.00	-15.22	32.13	3	Horizontal	338	2.77	-
AV	2.3898G	45.09	54.00	-8.91	32.13	3	Horizontal	338	2.77	-
PK	2.4454G	101.35	Inf	-Inf	32.30	3	Horizontal	338	2.77	-
AV	2.445G	91.19	Inf	-Inf	32.30	3	Horizontal	338	2.77	-
PK	2.4842G	66.79	74.00	-7.21	32.42	3	Horizontal	338	2.77	-
AV	2.4842G	52.65	54.00	-1.35	32.42	3	Horizontal	338	2.77	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

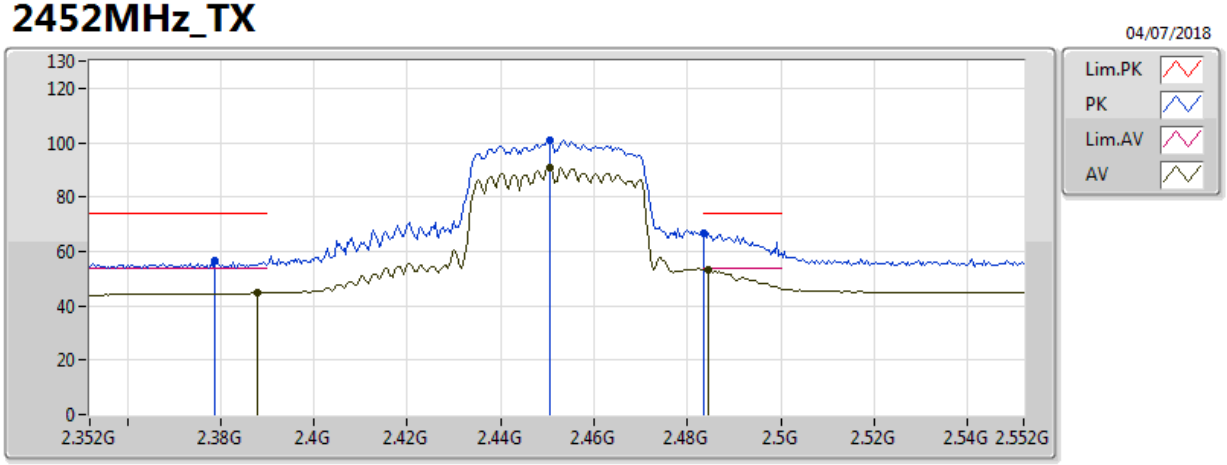


EUT Y 2TX
Setting 41
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.389998G	57.69	74.00	-16.31	32.13	3	Vertical	269	1.26	-
AV	2.3888G	44.88	54.00	-9.12	32.13	3	Vertical	269	1.26	-
PK	2.4508G	103.02	Inf	-Inf	32.31	3	Vertical	269	1.26	-
AV	2.4508G	91.92	Inf	-Inf	32.31	3	Vertical	269	1.26	-
PK	2.483502G	70.41	74.00	-3.59	32.41	3	Vertical	269	1.26	-
AV	2.4852G	53.78	54.00	-0.22	32.42	3	Vertical	269	1.26	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

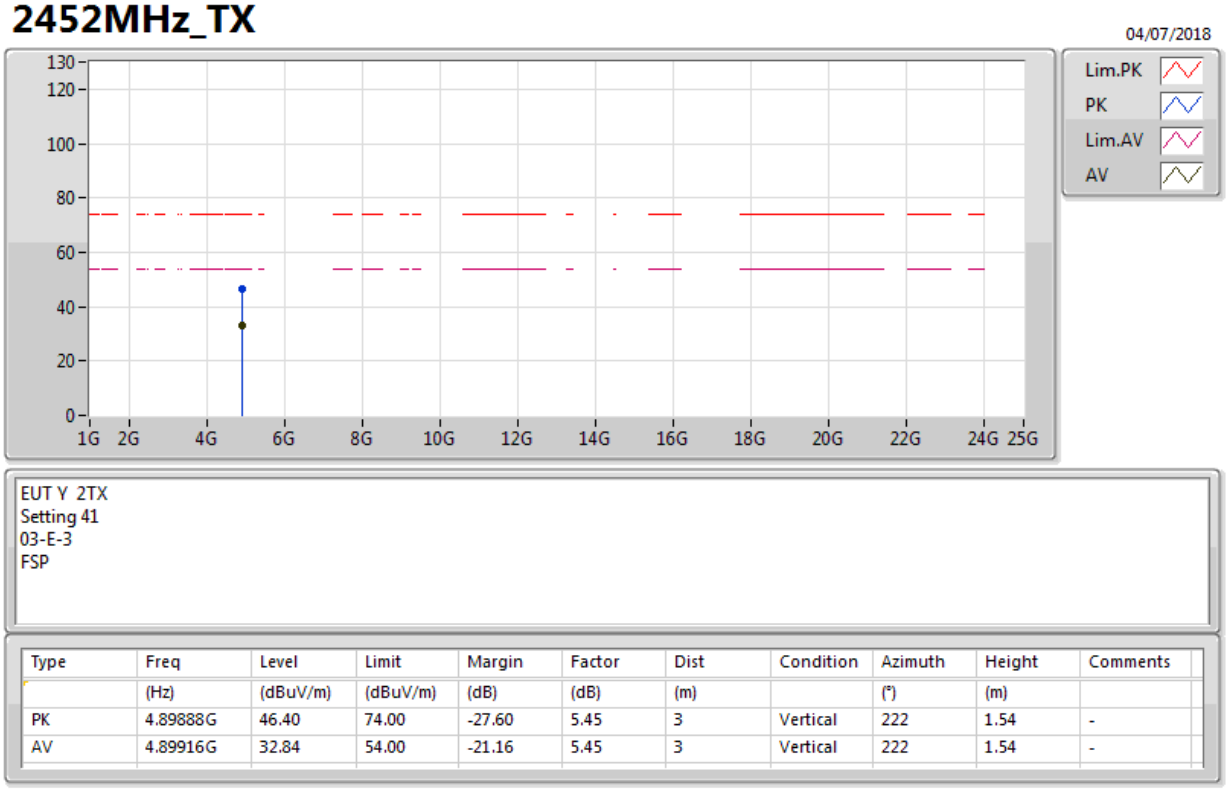


EUT Y 2TX
Setting 41
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3788G	56.41	74.00	-17.59	32.10	3	Horizontal	341	2.99	-
AV	2.388G	44.68	54.00	-9.32	32.13	3	Horizontal	341	2.99	-
PK	2.4504G	100.86	Inf	-Inf	32.31	3	Horizontal	341	2.99	-
AV	2.4504G	90.73	Inf	-Inf	32.31	3	Horizontal	341	2.99	-
PK	2.483502G	66.77	74.00	-7.23	32.42	3	Horizontal	341	2.99	-
AV	2.4844G	53.46	54.00	-0.54	32.42	3	Horizontal	341	2.99	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

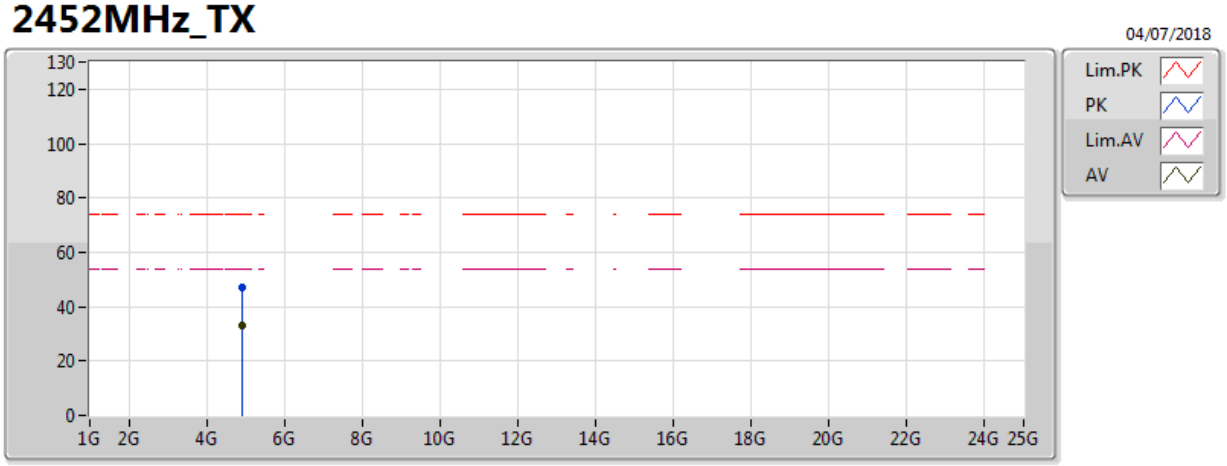


EUT Y 2TX
Setting 41
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.89888G	46.40	74.00	-27.60	5.45	3	Vertical	222	1.54	-
AV	4.89916G	32.84	54.00	-21.16	5.45	3	Vertical	222	1.54	-

802.11n HT40_Nss1,(MCS0)_2TX

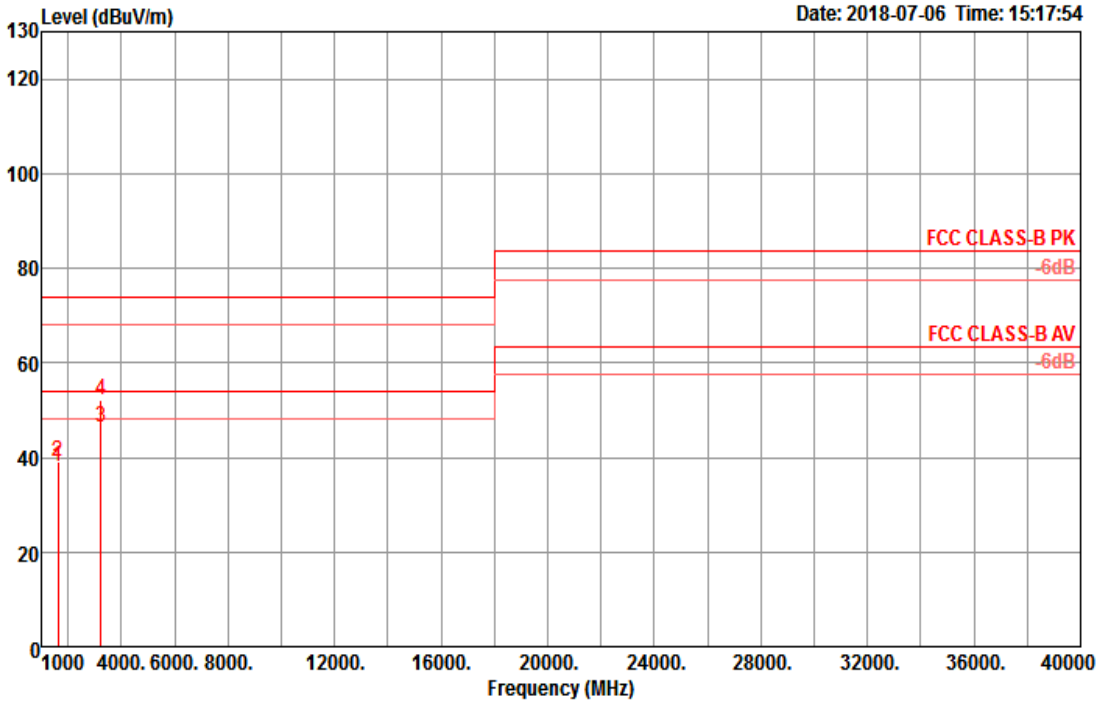
2452MHz_TX



EUT Y 2TX
Setting 41
03-E-3
FSP

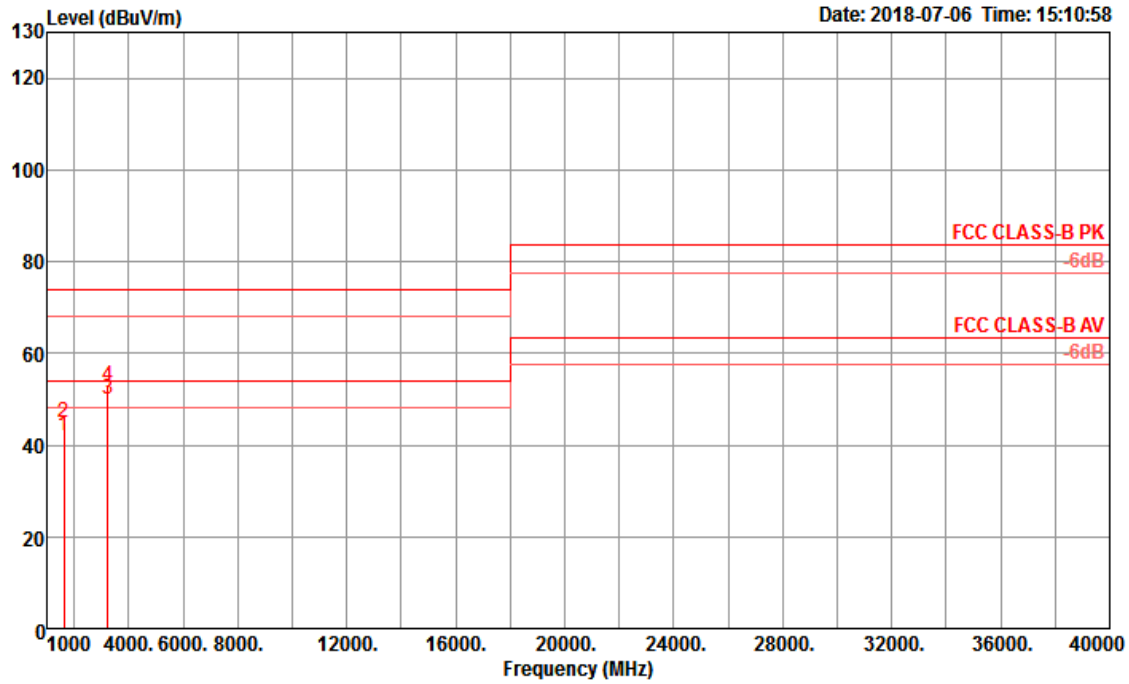
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.90656G	46.84	74.00	-27.16	5.48	3	Horizontal	167	2.22	-
AV	4.89824G	32.91	54.00	-21.09	5.44	3	Horizontal	167	2.22	-

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



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1624.11	38.10	54.00	-15.90	42.84	3.83	26.40	34.97	112	64	Average	HORIZONTAL
2	1624.64	39.14	74.00	-34.86	43.88	3.83	26.40	34.97	112	64	Peak	HORIZONTAL
3	3248.15	46.32	54.00	-7.68	44.11	6.45	29.69	33.93	100	113	Average	HORIZONTAL
4	3248.72	52.02	74.00	-21.98	49.81	6.45	29.69	33.93	100	113	Peak	HORIZONTAL

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



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1625.17	41.97	54.00	-12.03	46.71	3.83	26.40	34.97	132	360	Average	VERTICAL
2	1626.25	45.06	74.00	-28.94	49.80	3.83	26.40	34.97	132	360	Peak	VERTICAL
3	3247.28	50.01	54.00	-3.99	47.85	6.43	29.66	33.93	100	153	Average	VERTICAL
4	3247.93	53.02	74.00	-20.98	50.81	6.45	29.69	33.93	100	153	Peak	VERTICAL