FCC RADIO TEST REPORT

FCC ID	:	HEDIGN1900
Equipment	:	Gigabit Ethernet to Coax bridge
Brand Name	:	IgniteNet
Model Name	:	GL-I-1GE-1C / GL-O-1GE-1C
Applicant	:	Accton Technology Corp No. 1, Creation Rd. III, Science-based Industrial Park Hsin Chu 30077, Taiwan
Manufacturer (1)	:	Joy Technology (Shen Zhen) Co. Ltd HengKeng Ind., Shangpai, Shangwu, Aiqun Rd., Shiyan Town, Shenzhen 518108 China
Manufacturer (2)	:	Accton Technology Corp No. 1, Creation Rd. III, Science-based Industrial Park Hsin Chu 30077, Taiwan
Standard	:	47 CFR FCC Part 15.247

The product was received on Oct. 08, 2018, and testing was started from Oct. 12, 2018 and completed on Oct. 19, 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: Cliff Chang

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History of this test report

Report No.	Version	Description	Issued Date
FR8O0805	01	Initial issue of report	Nov. 06, 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: Cindy Peng

1 General Description

1.1 Information

1.1.1 RF General Information

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

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

Note:
- 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- BWch is the nominal channel bandwidth.
- Nss-Min is the minimum number of spatial streams.
- Nant is the number of outputs. e.g., 2(2,3) means have 2 outputs for port 2 and port 3. 2 means have 2 outputs for port 1 and port 2.

1.1.2 Antenna Information

For EUT 1 (Model Name: GL-I-1GE-1C):

Ant.	Port	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	1	Cortec	AN2450-39A10WGX	Dipole Antenna	I-PEX	3.31
2	2	Cortec	AN2450-39A10WGX	Dipole Antenna	I-PEX	2.83

For EUT 2 (Model Name: GL-O-1GE-1C):

Ant.	Port	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	1	TDK	ANT016008LCS2442MA1	Chip Antenna	N/A	1.60
2	2	TDK	ANT016008LCS2442MA1	Chip Antenna	N/A	1.60

Note: The EUT has two antennas. (2TX/2RX):
Port 1 and Port 2 can be used as transmitting/receiving antenna.
Port 1 and Port 2 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11n HT20	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11n HT40	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)

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

1.1.4 EUT Operational Condition

EUT Power Type	EUT 1: From power adapter			
	EUT 2: From power adapter or DC 12-54V			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Function	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	MP_TEST(version 1.3.8.0)			

1.1.5 Table for Multiple Listing

The EUT has two model names which are identical to each other in all aspects except for the following table:

EUT	Model Name	Antenna P/N	EUT Power Type	Description
1	GL-I-1GE-1C	AN2450-39A10WGX	From power adapter	Indoor use
2	GL-O-1GE-1C	ANT016008LCS2442MA1	From power adapter or DC 12-54V	Outdoor use

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	Caster Chang	22°C / 54%	Oct. 17, 2018
Radiated (below 1GHz)	03CH01-CB	KJ Chang	22°C / 54%	Oct. 19, 2018
Radiated (above 1GHz)	03CH01-CB	Stim Sung	22°C / 54%	Oct. 16, 2018
AC Conduction	CO01-CB	GN Hou	23°C / 58%	Oct. 12, 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

For EUT 1:

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	38/38
2437MHz	41/40
2462MHz	42/42
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	49/49
2417MHz	58/57
2422MHz	59/58
2437MHz	59/58
2452MHz	59/58
2457MHz	55/54
2462MHz	45/45
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	45/44
2417MHz	58/57
2422MHz	59/58
2427MHz	63/62
2437MHz	63/62
2442MHz	63/62
2447MHz	61/60
2452MHz	56/55
2457MHz	55/54
2462MHz	45/44
802.11n HT40_Nss1,(MCS0)_2TX	-
2422MHz	44/43
2427MHz	48/47
2437MHz	48/47
2442MHz	48/47
2447MHz	47/46
2452MHz	42/41

For EUT 2:

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	35/35
2437MHz	35/35
2462MHz	32/32
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	47/47
2417MHz	50/50
2437MHz	50/50
2457MHz	50/50
2462MHz	46/46
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	44/44
2417MHz	50/50
2437MHz	50/50
2457MHz	50/50
2462MHz	45/45
802.11n HT40_Nss1,(MCS0)_2TX	-
2422MHz	43/43
2427MHz	44/44
2432MHz	45/45
2437MHz	49/49
2442MHz	48/48
2447MHz	46/46
2452MHz	44/44

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	Normal Link
1	EUT 1 + Adapter 1 (120 V)
2	EUT 1 + Adapter 2 (120 V)
Mode 2 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	EUT 2 + Adapter 2 (120 V)
4	EUT 2 + Power Supply (DC 54 V_120 V)
For operating mode 3 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	DTS Bandwidth Maximum Conducted Output Power Power Spectral Density Emissions in Non-restricted Frequency Bands
Test Condition	Conducted measurement at transmit chains.
Operating Mode	
1	EUT 1
2	EUT 2

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
1	EUT 1 in Y axis + Adapter 1 (120 V)
2	EUT 1 in Z axis + Adapter 1 (120 V)
Mode 1 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	EUT 1 in Y axis + Adapter 2 (120 V)
Mode 1 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4 will follow this same test mode.	
4	EUT 2 in Y axis + Adapter 1 (120 V)
5	EUT 2 in Y axis + Power Supply (DC 54 V_120 V)
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
The EUT 1 was performed at Y axis and Z axis position for Radiated emission above 1GHz test, and the worst case was found at Z axis. So the measurement will follow this same test configuration.	
1	EUT 1 in Z axis
2	EUT 2 in Y axis

Note1: All the specification of test configurations and test mode was based on customer's request.
Note2: The EUT 2 can only be used at Y axis position.

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories				
No.	**Equipment Name**	**Brand Name**	**Model Name**	**Rating**
1	Adapter 1	APD	WB-18D12FU	INPUT: 100-240V, 50-60Hz, 0.5A Max. OUTPUT: 12V, 1.5A
2	Adapter 2	APD	WB-12G12FU	INPUT: 100-240V, 50-60Hz, 0.3A Max. OUTPUT: 12V, 1A

Note: Adapter does not affect the Conducted measurement at transmit chains and Radiated measurement above 1GHz tests, there is only adapter 2 tested and recorded in this report.

2.5 Support Equipment

For Test Site No: CO01-CB

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB*3	DELL	E6430	N/A
2	Device (IDU)	IgniteNet	GL-I-1GE-1C	HEDIGN1900

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

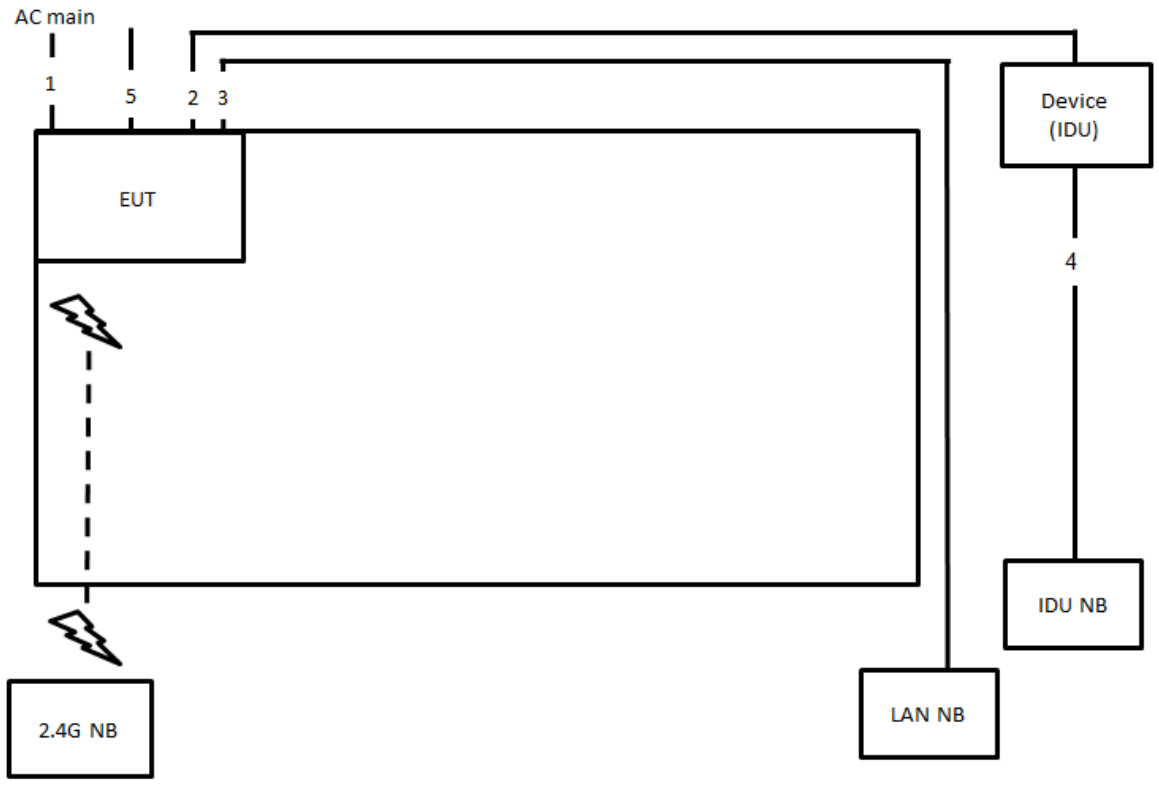
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB*2	DELL	E4300	N/A
2	NB	Apple	Mac Book	N/A
3	Device (ODU)	IgniteNet	GL-O-1GE-1C	HEDIGN1900

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

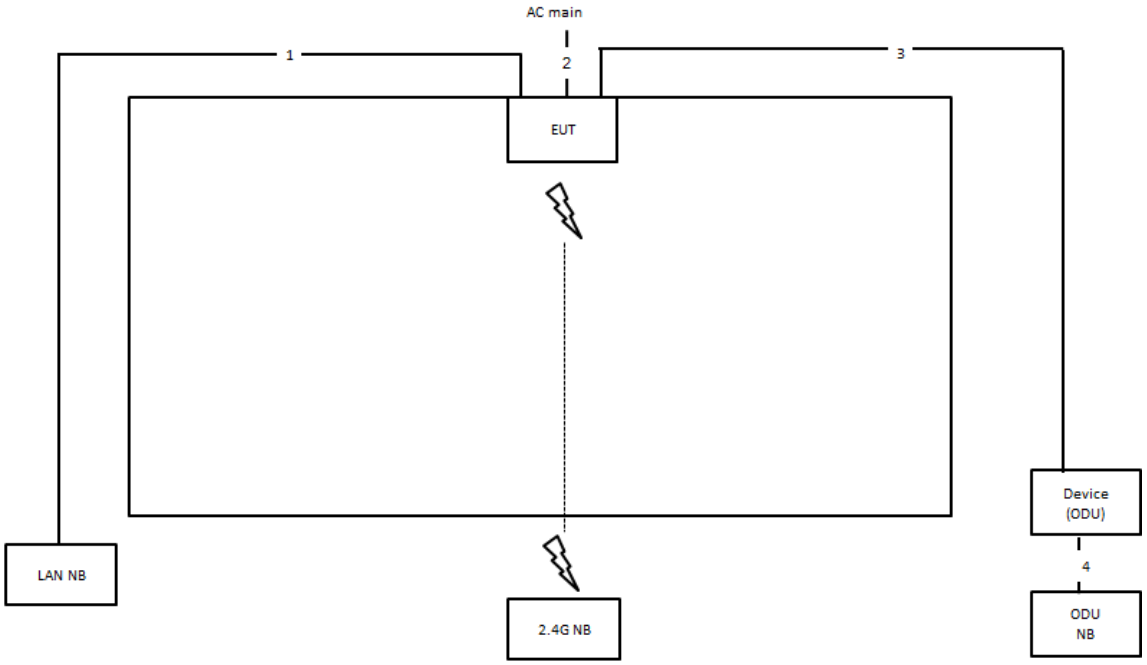
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



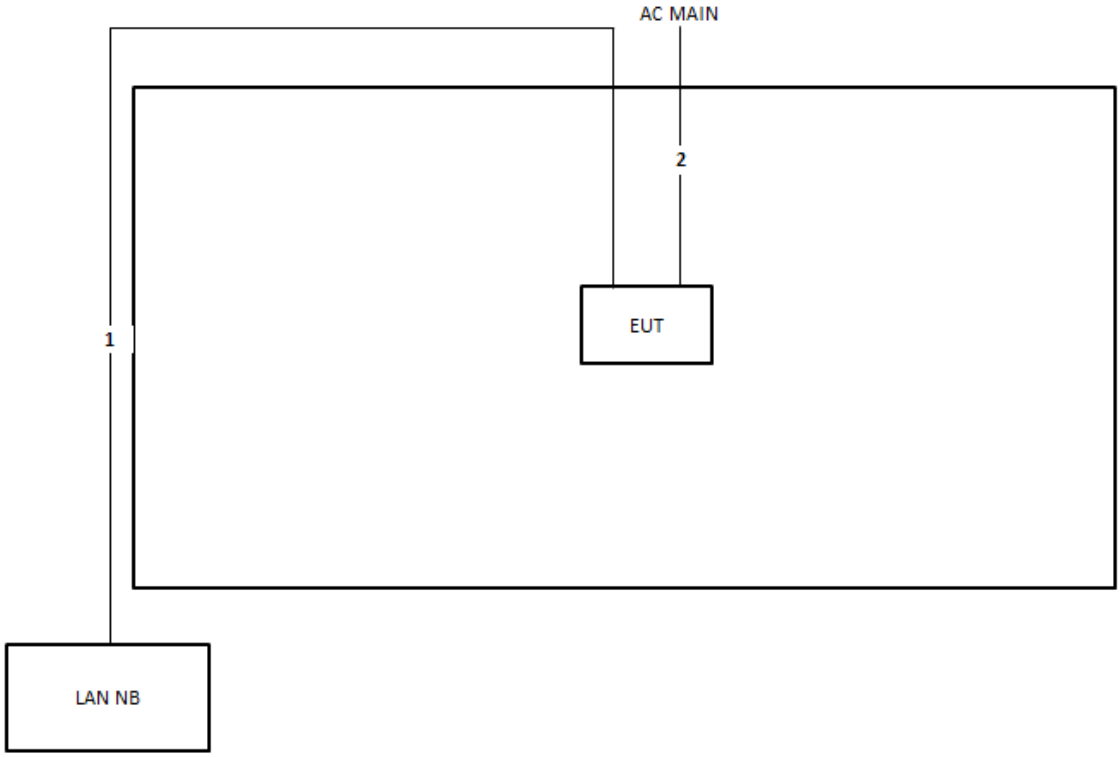
Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	Coaxial cable	Yes	10m
3	RJ-45 cable	No	10m
4	RJ-45 cable	No	1.5m
5	Ground cable	No	1.5m

Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	1.8m
3	Coaxial cable	Yes	10m
4	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

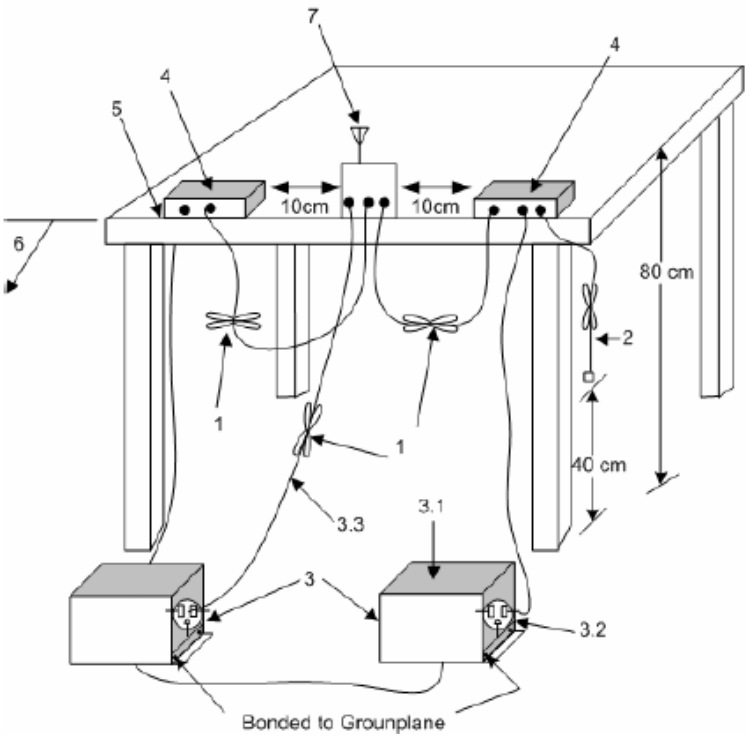
Refer a test equipment and calibration data table in this test report.

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.

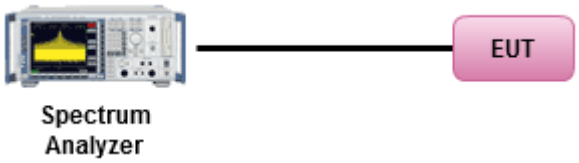
3.2.2 Measuring Instruments

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.

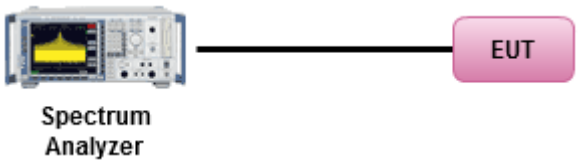
3.4.3 Test Procedures

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.	

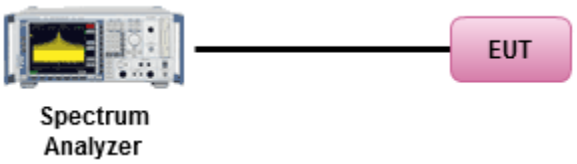
3.5.2 Measuring Instruments

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.

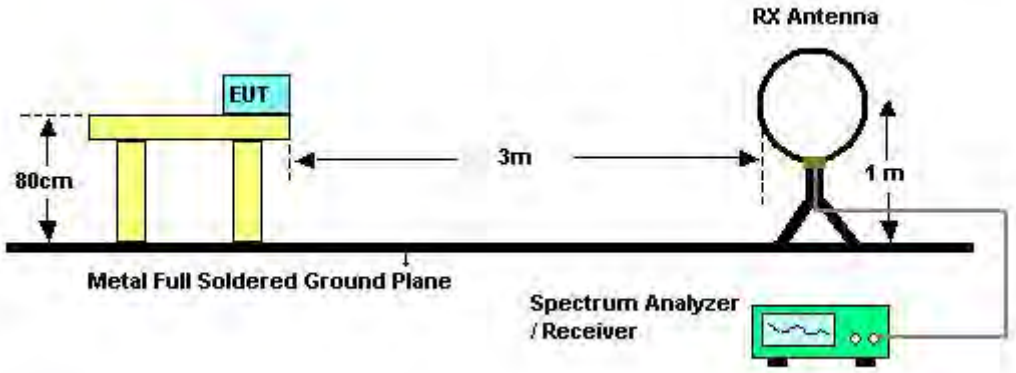
3.6.3 Test Procedures

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.	

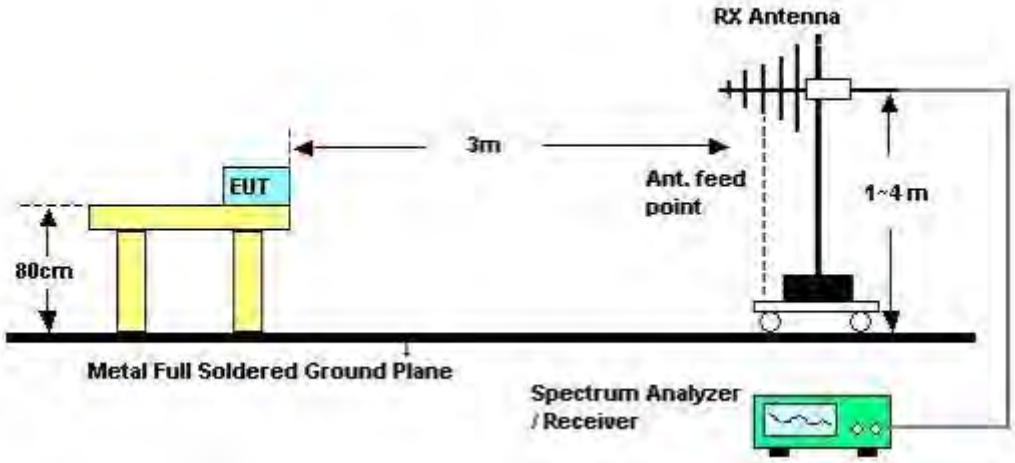
3.6.4 Test Setup

Transmitter Radiated Emissions

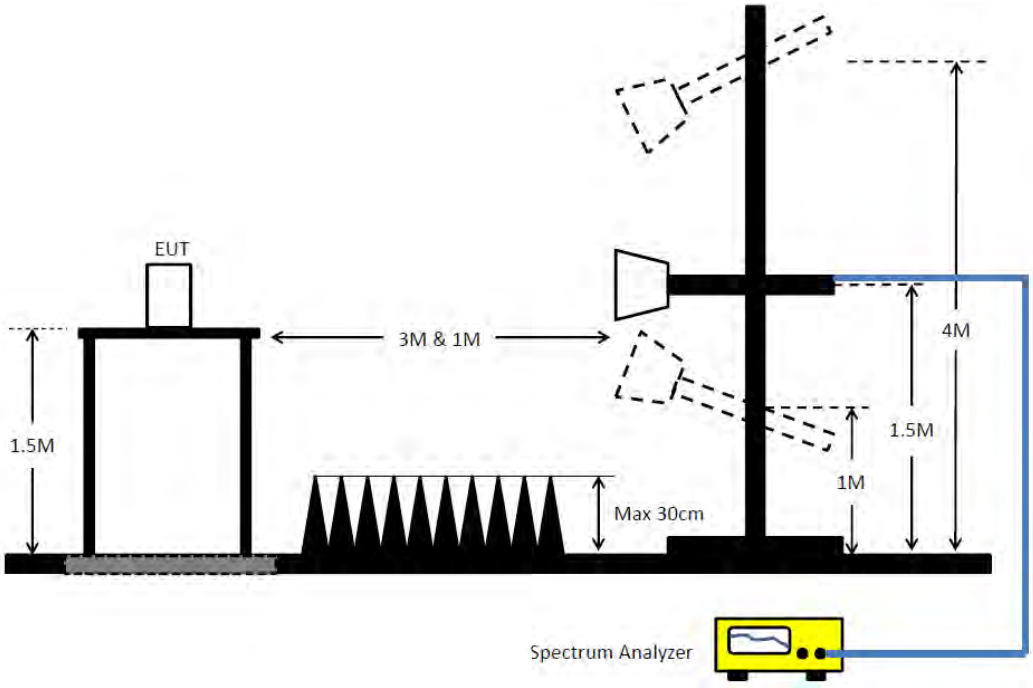
9kHz ~30MHz



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

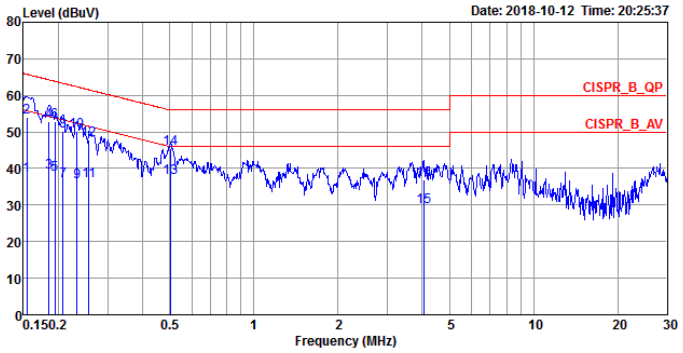
4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.45GHz	Jan. 31, 2018	Jan. 30, 2019	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Dec. 20, 2017	Dec. 19, 2018	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Dec. 29, 2017	Dec. 28, 2018	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	150kHz ~ 30MHz	May 22, 2018	May 21, 2019	Conduction (CO01-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 16, 2018	Mar. 15, 2019	Radiation (03CH01-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Aug. 27, 2018	Aug. 26, 2019	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 20, 2017	Nov. 19, 2018	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jun. 28, 2018	Jun. 27, 2019	Radiation (03CH01-CB)
Pre-Amplifier	EMCI	EMC330N	980332	20MHz ~ 3GHz	May 02, 2018	May 01, 2019	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 09, 2018	Jan. 08, 2019	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 04, 2018	Jul. 03, 2019	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	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. 08, 2018	Oct. 07, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16+17	N/A	1 GHz ~ 18 GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH01-CB)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Jul. 27, 2018	Jul. 26, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Jul. 27, 2018	Jul. 26, 2019	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 21, 2017	Dec. 20, 2018	Conducted (TH01-CB)
Temp. and Humidity Chamber	Ten Billion	TTH-D3SP	TBN-931011	-30~100 degree	Jun. 01, 2018	May 31, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY54320014	50MHz~18GHz	Apr. 17, 2018	Apr. 16, 2019	Conducted (TH01-CB)

Note: Calibration Interval of instruments listed above is one year.
N.C.R. means Non-Calibration required.

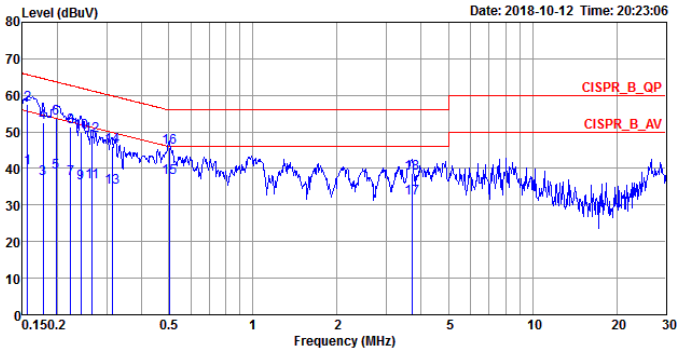
AC Power-line Conducted Emissions Result			
Operating Mode	3	**Power Phase**	Neutral
Operating Function	Normal Link		



	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	38.22	-17.56	55.78	28.14	9.92	0.16	Average	NEUTRAL
2	0.1540	54.10	-11.68	65.78	44.02	9.92	0.16	QP	NEUTRAL
3	0.1854	38.86	-15.38	54.24	28.79	9.92	0.15	Average	NEUTRAL
4	0.1854	52.98	-11.26	64.24	42.91	9.92	0.15	QP	NEUTRAL
5	0.1945	38.48	-15.36	53.84	28.42	9.92	0.14	Average	NEUTRAL
6	0.1945	52.84	-11.00	63.84	42.78	9.92	0.14	QP	NEUTRAL
7	0.2072	36.55	-16.77	53.32	26.49	9.92	0.14	Average	NEUTRAL
8	0.2072	50.23	-13.09	63.32	40.17	9.92	0.14	QP	NEUTRAL
9	0.2329	36.43	-15.92	52.35	26.37	9.92	0.14	Average	NEUTRAL
10	0.2329	50.20	-12.15	62.35	40.14	9.92	0.14	QP	NEUTRAL
11	0.2575	36.72	-14.79	51.51	26.67	9.92	0.13	Average	NEUTRAL
12	0.2575	47.80	-13.71	61.51	37.75	9.92	0.13	QP	NEUTRAL
13	0.5047	37.36	-8.64	46.00	27.30	9.92	0.14	Average	NEUTRAL
14	0.5047	45.56	-10.44	56.00	35.50	9.92	0.14	QP	NEUTRAL
15	4.0489	29.57	-16.43	46.00	19.46	9.98	0.13	Average	NEUTRAL
16	4.0489	36.88	-19.12	56.00	26.77	9.98	0.13	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	3	**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	0.1565	40.02	-15.63	55.65	29.95	9.91	0.16	Average	LINE
2	0.1565	57.57	-8.08	65.65	47.50	9.91	0.16	QP	LINE
3	0.1777	37.31	-17.28	54.59	27.25	9.91	0.15	Average	LINE
4	0.1777	52.64	-11.95	64.59	42.58	9.91	0.15	QP	LINE
5	0.1976	38.99	-14.72	53.71	28.94	9.91	0.14	Average	LINE
6	0.1976	53.76	-9.95	63.71	43.71	9.91	0.14	QP	LINE
7	0.2232	37.07	-15.63	52.70	27.02	9.91	0.14	Average	LINE
8	0.2232	51.25	-11.45	62.70	41.20	9.91	0.14	QP	LINE
9	0.2429	36.03	-15.97	52.00	25.99	9.91	0.13	Average	LINE
10	0.2429	49.76	-12.24	62.00	39.72	9.91	0.13	QP	LINE
11	0.2658	36.44	-14.81	51.25	26.40	9.91	0.13	Average	LINE
12	0.2658	48.88	-12.37	61.25	38.84	9.91	0.13	QP	LINE
13	0.3133	34.75	-15.13	49.88	24.71	9.91	0.13	Average	LINE
14	0.3133	46.15	-13.73	59.88	36.11	9.91	0.13	QP	LINE
15	0.5020	37.44	-8.56	46.00	27.39	9.91	0.14	Average	LINE
16	0.5020	45.71	-10.29	56.00	35.66	9.91	0.14	QP	LINE
17	3.7001	31.99	-14.01	46.00	21.87	9.98	0.14	Average	LINE
18	3.7001	38.75	-17.25	56.00	28.63	9.98	0.14	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.)

For EUT 1:

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	10.075M	14.718M	14M7G1D	10.05M	14.668M
802.11g_Nss1,(6Mbps)_2TX	16.45M	18.641M	18M6D1D	16.375M	16.392M
802.11n HT20_Nss1,(MCS0)_2TX	17.575M	23.238M	23M2D1D	17.35M	17.441M
802.11n HT40_Nss1,(MCS0)_2TX	36.45M	36.132M	36M1D1D	36.35M	35.982M

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

Result

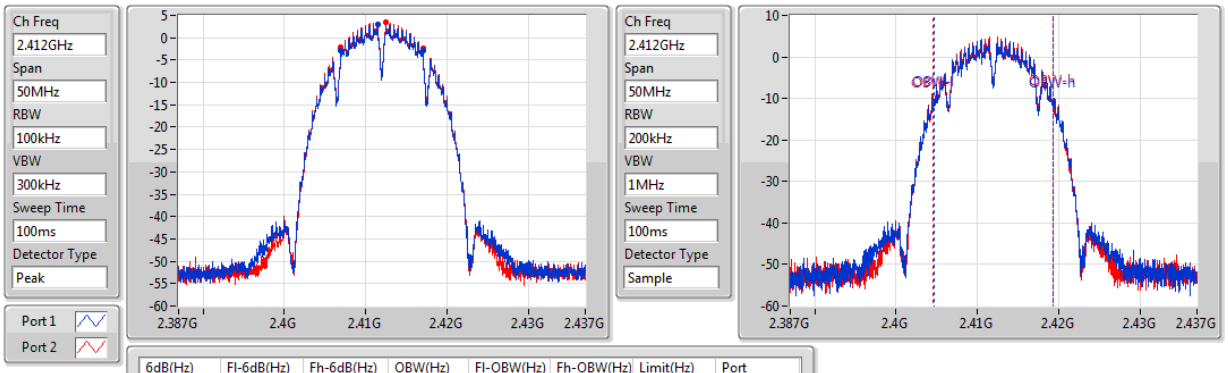
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	10.075M	14.693M	10.075M	14.693M
2437MHz	Pass	500k	10.05M	14.693M	10.05M	14.668M
2462MHz	Pass	500k	10.075M	14.718M	10.05M	14.693M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.425M	16.467M	16.4M	16.417M
2437MHz	Pass	500k	16.375M	18.641M	16.4M	17.191M
2462MHz	Pass	500k	16.45M	16.442M	16.425M	16.392M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.55M	17.466M	17.35M	17.441M
2437MHz	Pass	500k	17.575M	23.238M	17.55M	21.864M
2462MHz	Pass	500k	17.55M	17.491M	17.525M	17.466M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	36.45M	35.982M	36.35M	36.032M
2437MHz	Pass	500k	36.35M	36.132M	36.35M	36.032M
2452MHz	Pass	500k	36.35M	36.082M	36.35M	36.032M

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

802.11b_Nss1,(1Mbps)_2TX EBW

2412MHz

17/10/2018

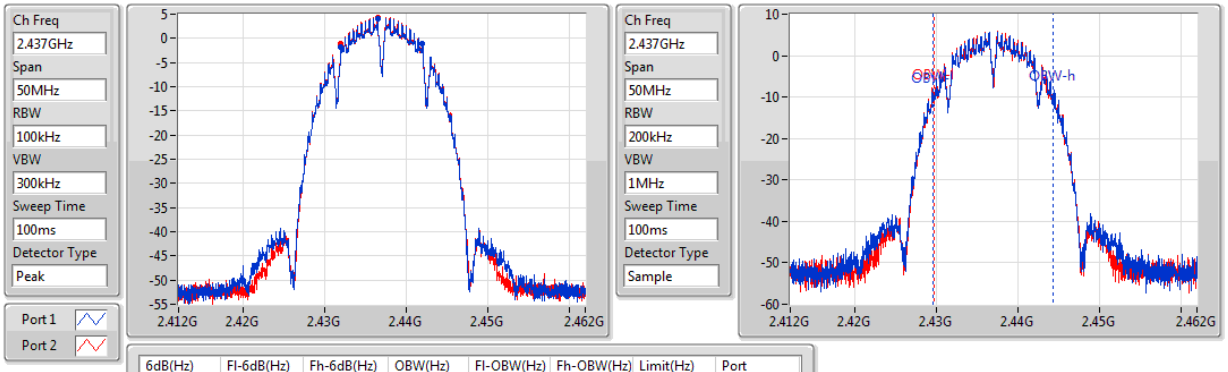


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.075M	2.40695G	2.417025G	14.693M	2.404629G	2.419321G	500k	1
10.075M	2.40695G	2.417025G	14.693M	2.404579G	2.419271G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2437MHz

17/10/2018

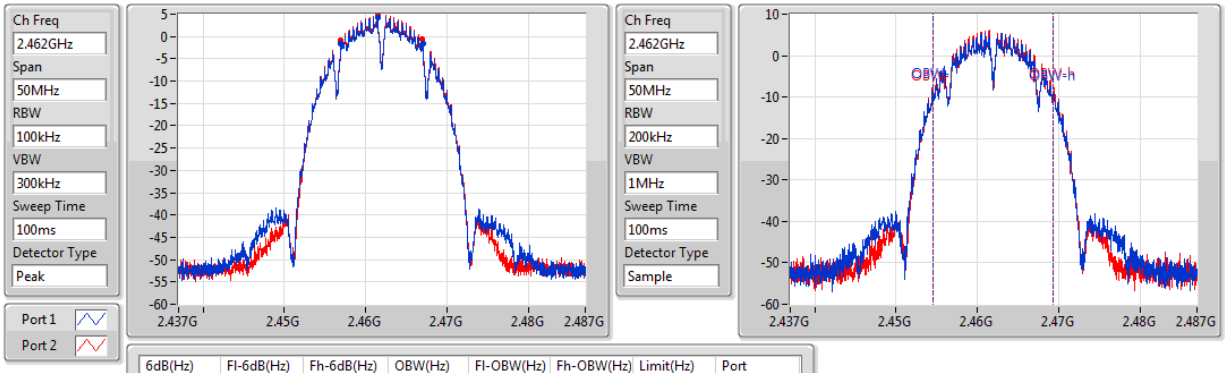


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.05M	2.43195G	2.442G	14.693M	2.429579G	2.444271G	500k	1
10.05M	2.43195G	2.442G	14.668M	2.429629G	2.444296G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2462MHz

17/10/2018

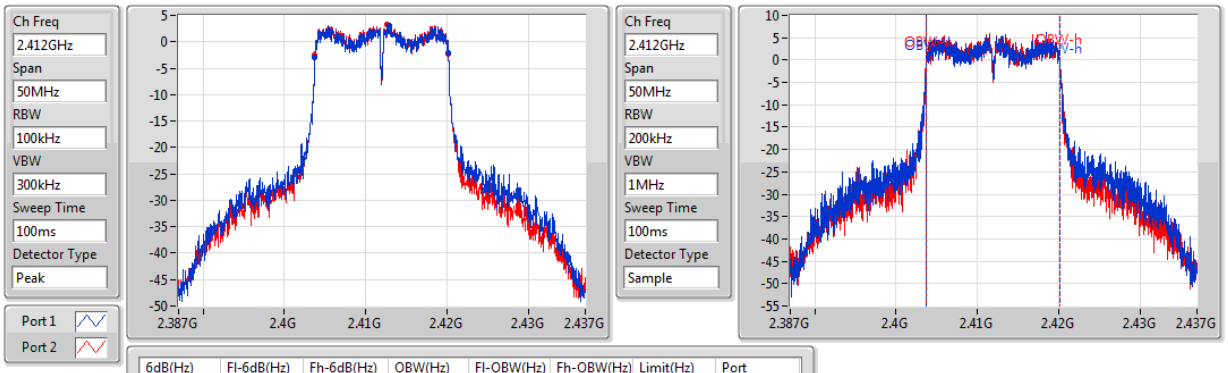


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.075M	2.45695G	2.467025G	14.718M	2.454554G	2.469271G	500k	1
10.05M	2.45695G	2.467G	14.693M	2.454579G	2.469271G	500k	2

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

2412MHz

17/10/2018

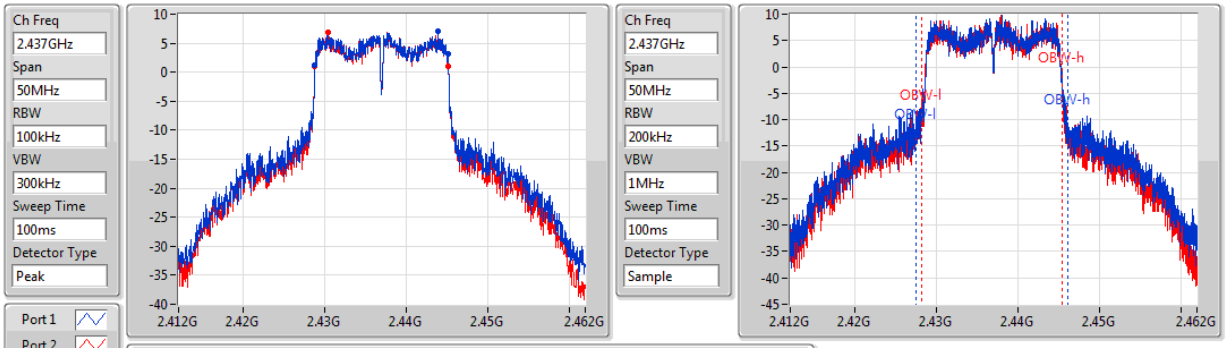


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.425M	2.40375G	2.420175G	16.467M	2.403729G	2.420196G	500k	1
16.4M	2.403775G	2.420175G	16.417M	2.403754G	2.420171G	500k	2

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

2437MHz

17/10/2018

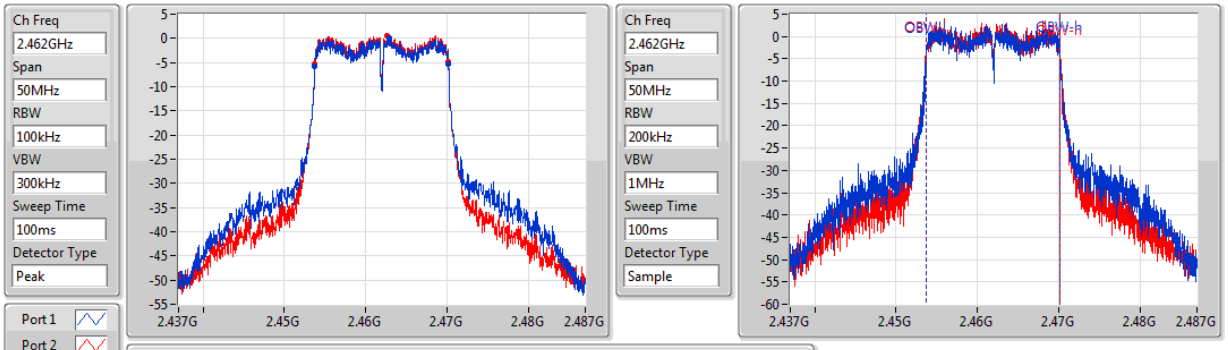


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.375M	2.428775G	2.44515G	18.641M	2.427455G	2.446095G	500k	1
16.4M	2.428775G	2.445175G	17.191M	2.428204G	2.445396G	500k	2

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

2462MHz

17/10/2018



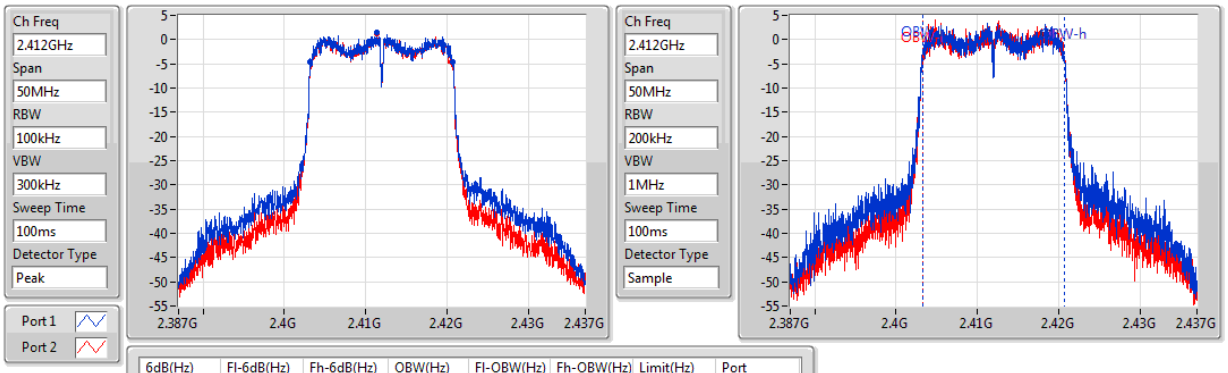
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.45M	2.453725G	2.470175G	16.442M	2.453729G	2.470171G	500k	1
16.425M	2.45375G	2.470175G	16.392M	2.453779G	2.470171G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX

EBW

2412MHz

17/10/2018



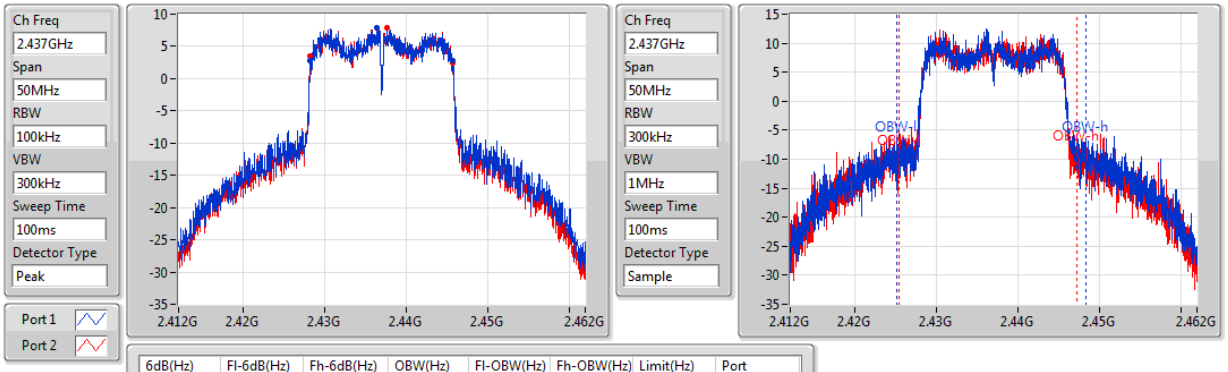
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	2.4032G	2.42075G	17.466M	2.403229G	2.420696G	500k	1
17.35M	2.4032G	2.42055G	17.441M	2.403254G	2.420696G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX

EBW

2437MHz

17/10/2018



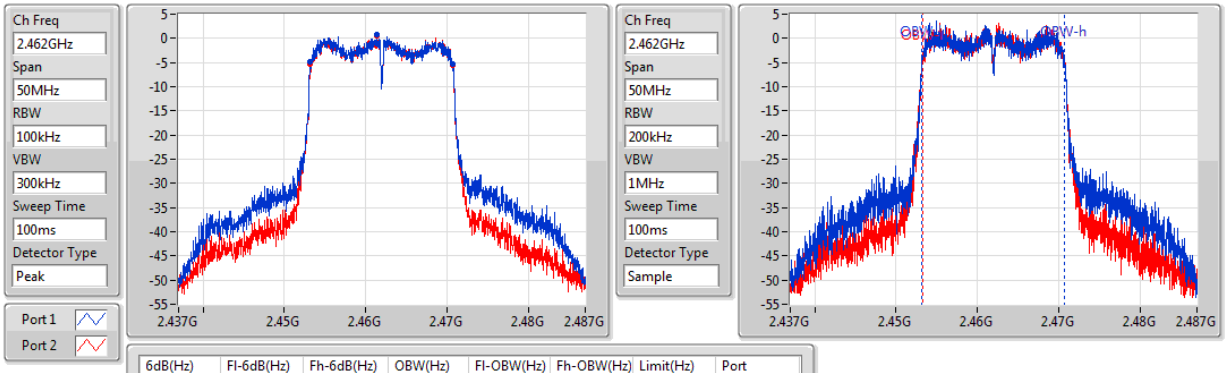
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.428175G	2.44575G	23.238M	2.425131G	2.448369G	500k	1
17.55M	2.4282G	2.44575G	21.864M	2.425331G	2.447195G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX

EBW

2462MHz

17/10/2018

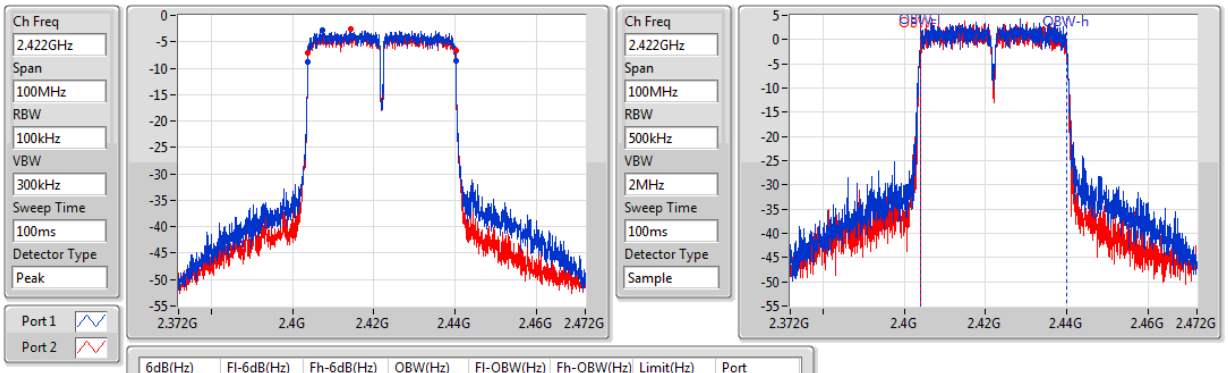


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	2.4532G	2.47075G	17.491M	2.453204G	2.470696G	500k	1
17.525M	2.4532G	2.470725G	17.466M	2.453229G	2.470696G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2422MHz

17/10/2018

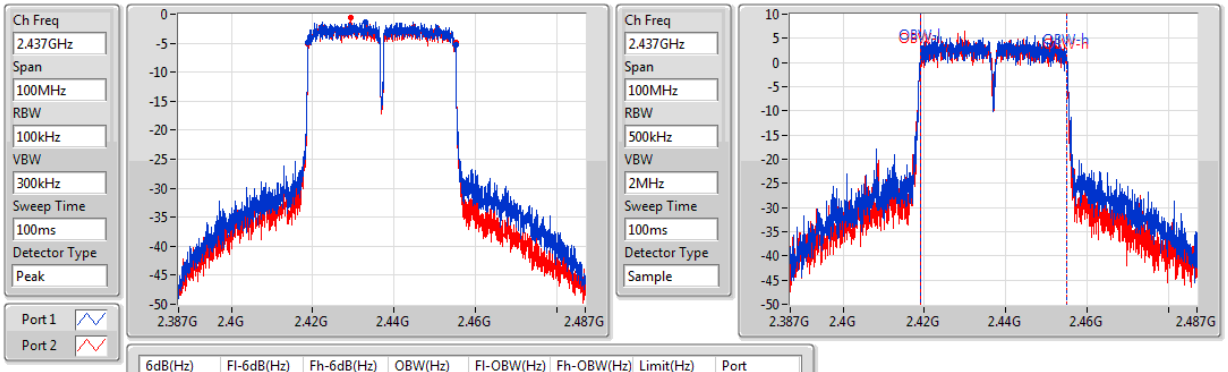


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.45M	2.40375G	2.4402G	35.982M	2.403959G	2.439941G	500k	1
36.35M	2.4038G	2.44015G	36.032M	2.403909G	2.439941G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2437MHz

17/10/2018

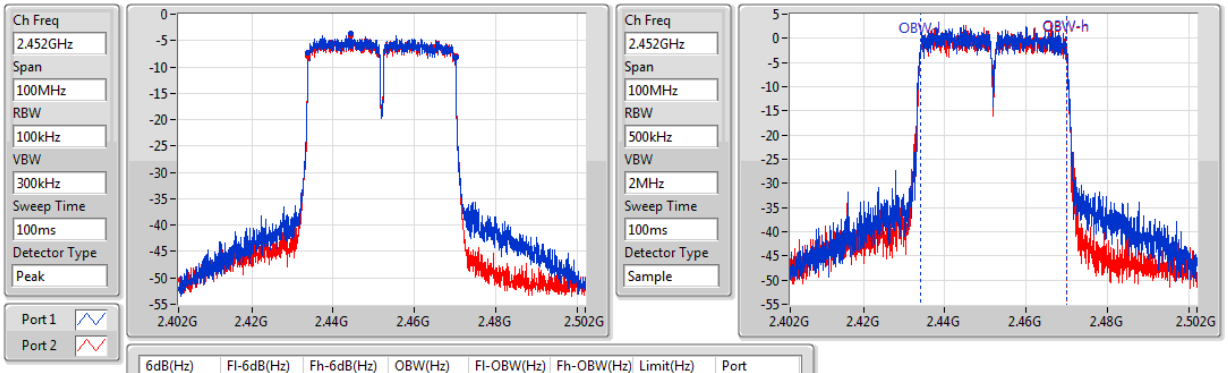


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.35M	2.4188G	2.45515G	36.132M	2.418909G	2.455041G	500k	1
36.35M	2.4188G	2.45515G	36.032M	2.418959G	2.454991G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2452MHz

17/10/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.35M	2.4338G	2.47015G	36.082M	2.433909G	2.469991G	500k	1
36.35M	2.4338G	2.47015G	36.032M	2.433909G	2.469941G	500k	2

For EUT 2:

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	10.05M	14.825M	14M8G1D	10.025M	14.75M
802.11g_Nss1,(6Mbps)_2TX	16.45M	16.55M	16M5D1D	16.4M	16.5M
802.11n HT20_Nss1,(MCS0)_2TX	17.575M	17.575M	17M6D1D	17.55M	17.5M
802.11n HT40_Nss1,(MCS0)_2TX	36.4M	36.45M	36M4D1D	36.35M	36.35M

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

Result

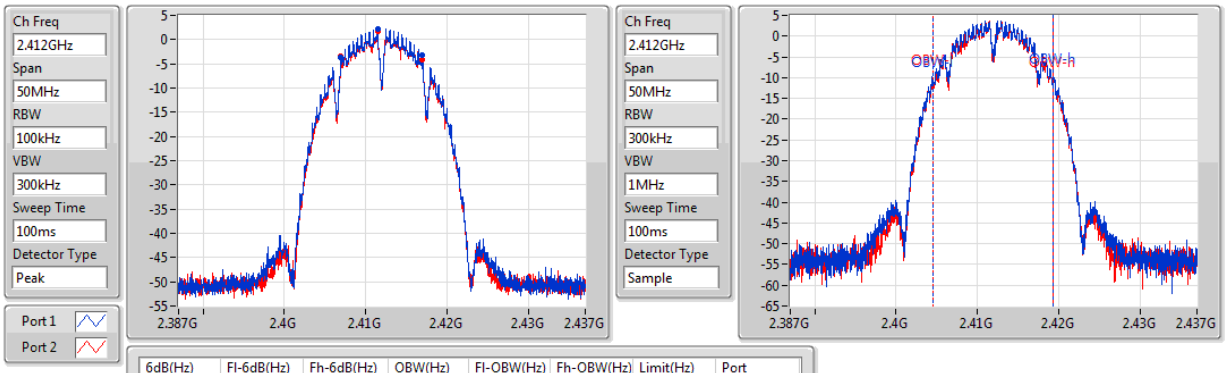
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	10.05M	14.825M	10.025M	14.775M
2437MHz	Pass	500k	10.05M	14.825M	10.025M	14.8M
2462MHz	Pass	500k	10.05M	14.775M	10.05M	14.75M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.4M	16.525M	16.45M	16.55M
2437MHz	Pass	500k	16.45M	16.55M	16.45M	16.525M
2462MHz	Pass	500k	16.45M	16.525M	16.45M	16.5M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.575M	17.525M	17.55M	17.525M
2437MHz	Pass	500k	17.55M	17.575M	17.55M	17.525M
2462MHz	Pass	500k	17.55M	17.55M	17.55M	17.5M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	36.4M	36.45M	36.4M	36.35M
2437MHz	Pass	500k	36.35M	36.45M	36.35M	36.35M
2452MHz	Pass	500k	36.4M	36.45M	36.35M	36.35M

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

802.11b_Nss1,(1Mbps)_2TX EBW

2412MHz

17/10/2018

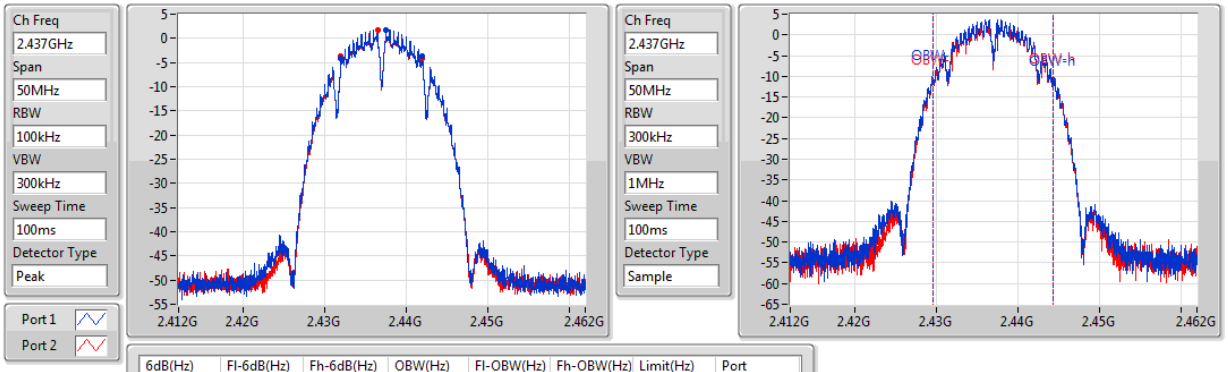


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.05M	2.40695G	2.417G	14.825M	2.40455G	2.419375G	500k	1
10.025M	2.406975G	2.417G	14.775M	2.404575G	2.41935G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2437MHz

17/10/2018

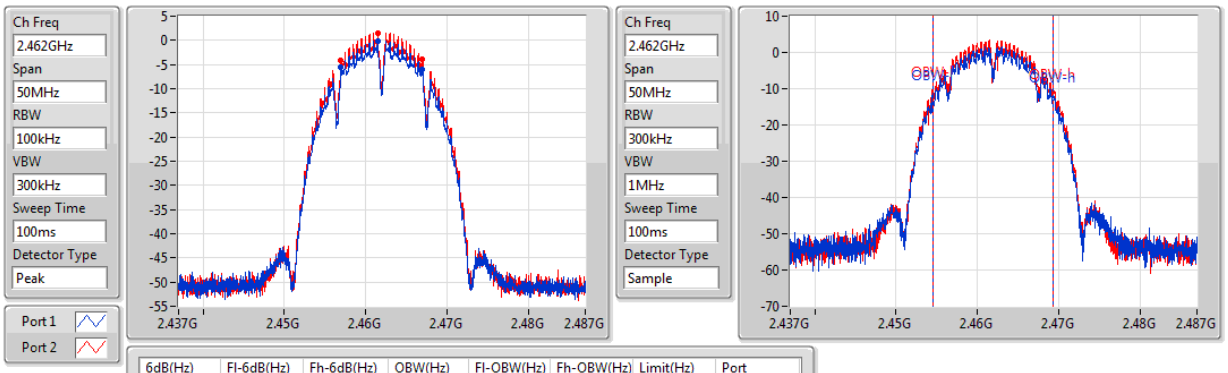


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.05M	2.43195G	2.442G	14.825M	2.429525G	2.44435G	500k	1
10.025M	2.431975G	2.442G	14.8M	2.429575G	2.444375G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2462MHz

17/10/2018

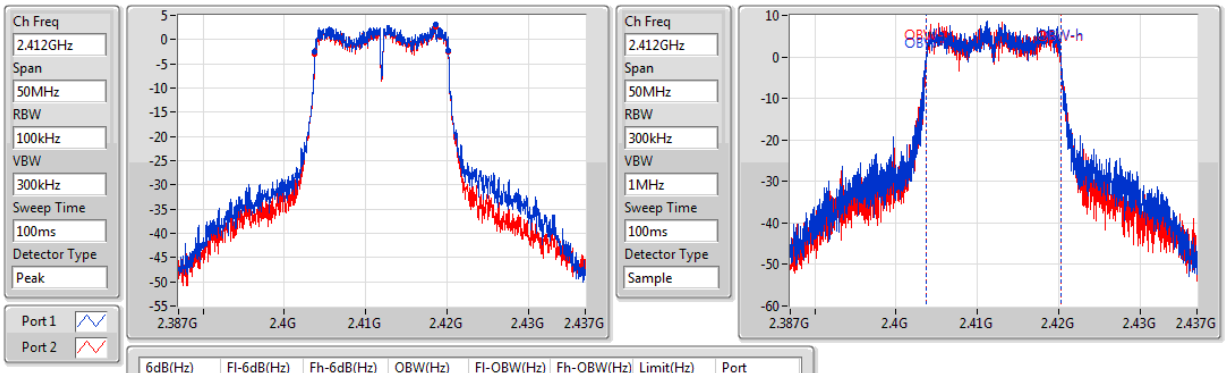


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.05M	2.45695G	2.467G	14.775M	2.454575G	2.46935G	500k	1
10.05M	2.45695G	2.467G	14.75M	2.4546G	2.46935G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2412MHz

17/10/2018

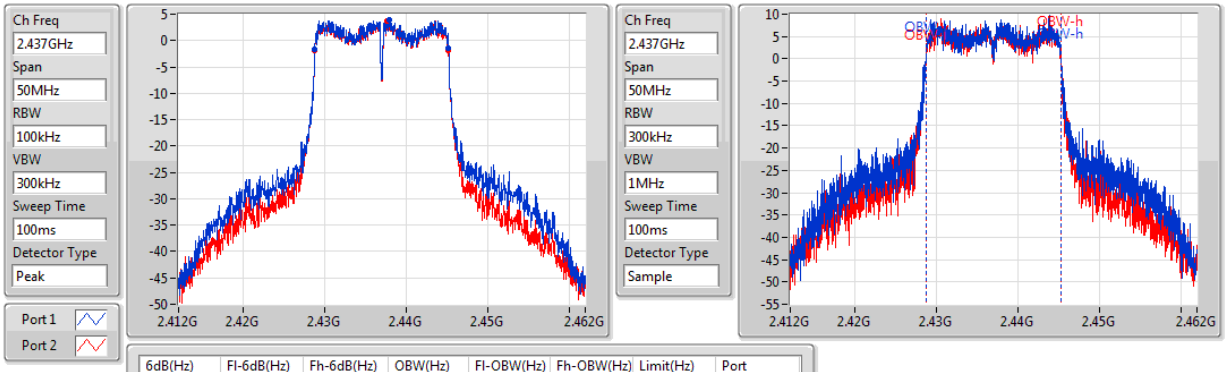


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.4M	2.403775G	2.420175G	16.525M	2.4037G	2.420225G	500k	1
16.45M	2.403725G	2.420175G	16.55M	2.4037G	2.42025G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2437MHz

17/10/2018

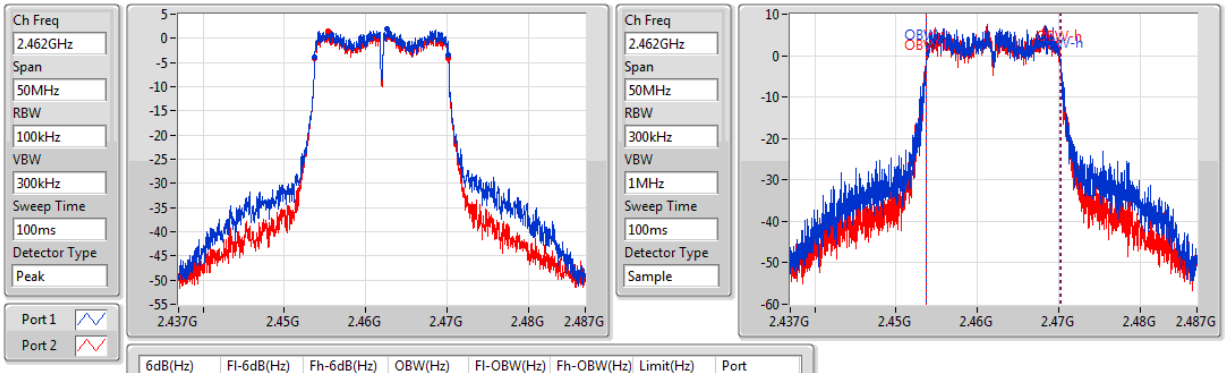


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.45M	2.428725G	2.445175G	16.55M	2.428675G	2.445225G	500k	1
16.45M	2.428725G	2.445175G	16.525M	2.4287G	2.445225G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2462MHz

17/10/2018

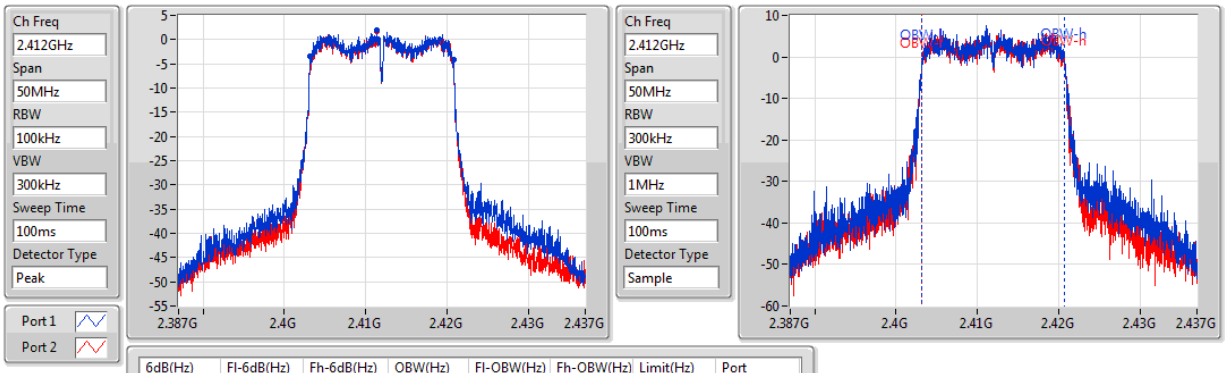


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.45M	2.453725G	2.470175G	16.525M	2.4537G	2.470225G	500k	1
16.45M	2.453725G	2.470175G	16.5M	2.4537G	2.4702G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

2412MHz

17/10/2018

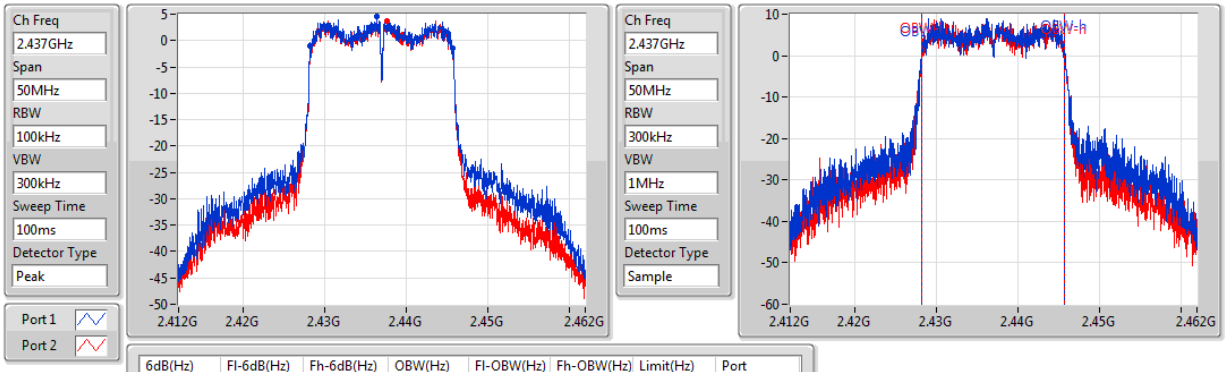


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.4032G	2.420775G	17.525M	2.4032G	2.420725G	500k	1
17.55M	2.4032G	2.42075G	17.525M	2.4032G	2.420725G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

2437MHz

17/10/2018

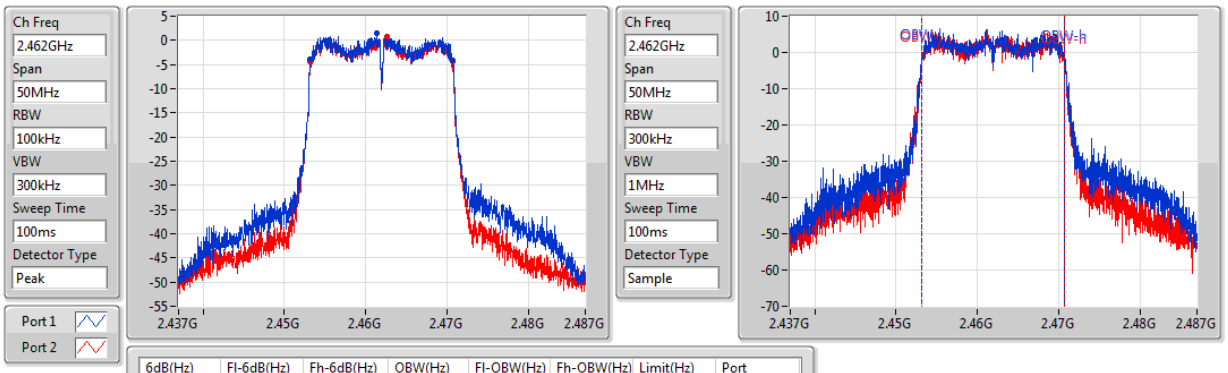


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	2.4282G	2.44575G	17.575M	2.428175G	2.44575G	500k	1
17.55M	2.4282G	2.44575G	17.525M	2.4282G	2.445725G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

2462MHz

17/10/2018

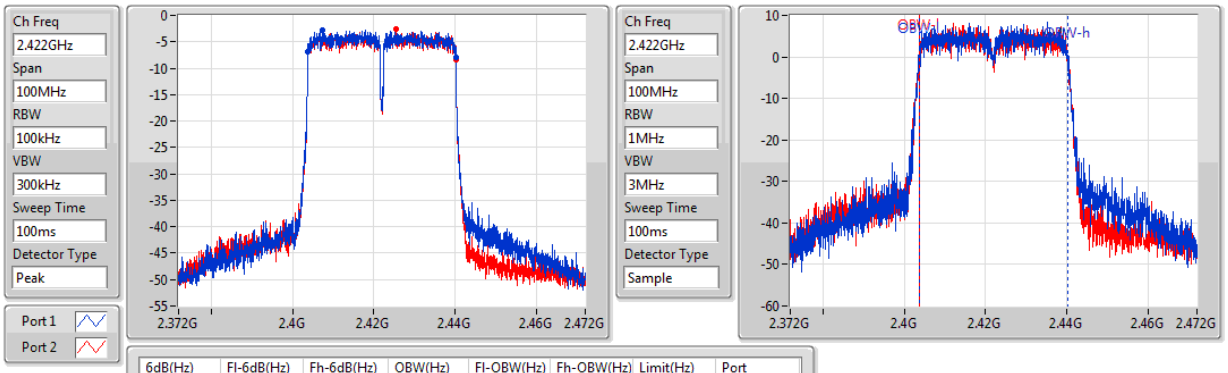


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	2.4532G	2.47075G	17.55M	2.453175G	2.470725G	500k	1
17.55M	2.4532G	2.47075G	17.5M	2.453225G	2.470725G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2422MHz

17/10/2018

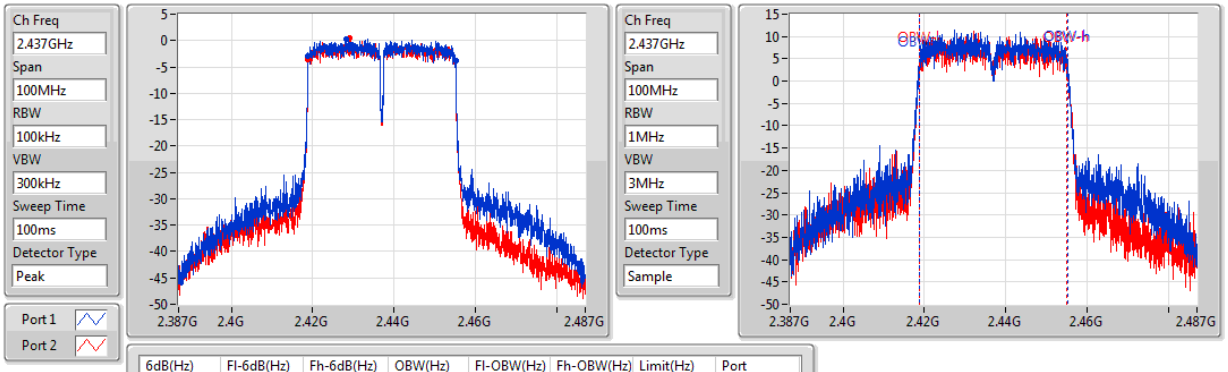


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.4M	2.4038G	2.4402G	36.45M	2.4037G	2.44015G	500k	1
36.4M	2.4038G	2.4402G	36.35M	2.4038G	2.44015G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2437MHz

17/10/2018

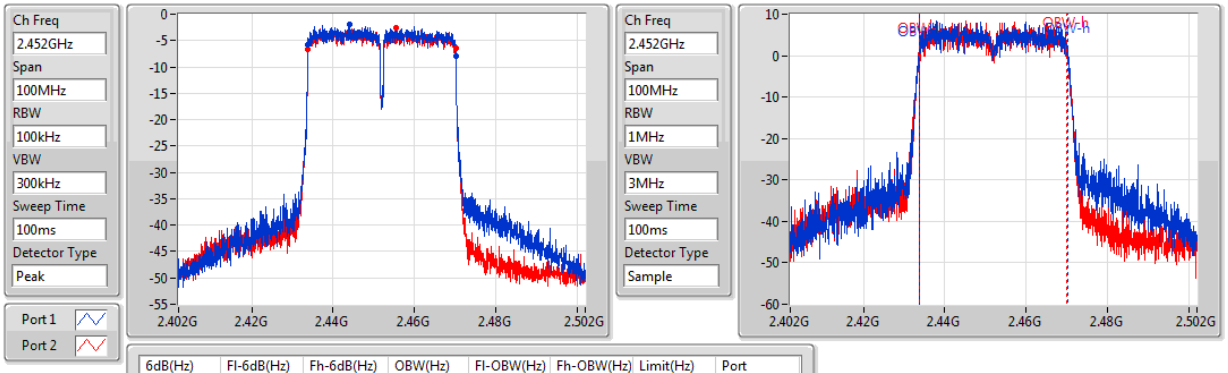


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.35M	2.4188G	2.45515G	36.45M	2.41875G	2.4552G	500k	1
36.35M	2.4188G	2.45515G	36.35M	2.41875G	2.4551G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2452MHz

17/10/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.4M	2.4338G	2.4702G	36.45M	2.43375G	2.4702G	500k	1
36.35M	2.4338G	2.47015G	36.35M	2.43375G	2.4701G	500k	2

For EUT 1:

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	18.00	0.06310
802.11g_Nss1,(6Mbps)_2TX	23.69	0.23388
802.11n HT20_Nss1,(MCS0)_2TX	24.67	0.29309
802.11n HT40_Nss1,(MCS0)_2TX	19.83	0.09616

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.31	13.66	14.03	16.86	30.00
2437MHz	Pass	3.31	14.86	15.12	18.00	30.00
2462MHz	Pass	3.31	14.74	15.15	17.96	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.31	17.32	17.58	20.46	30.00
2417MHz	Pass	3.31	20.51	20.45	23.49	30.00
2422MHz	Pass	3.31	20.62	20.69	23.67	30.00
2437MHz	Pass	3.31	20.64	20.72	23.69	30.00
2452MHz	Pass	3.31	20.38	20.56	23.48	30.00
2457MHz	Pass	3.31	18.82	18.96	21.90	30.00
2462MHz	Pass	3.31	14.75	15.03	17.90	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.31	15.37	15.46	18.43	30.00
2417MHz	Pass	3.31	20.37	20.41	23.40	30.00
2422MHz	Pass	3.31	20.59	20.78	23.70	30.00
2427MHz	Pass	3.31	21.54	21.63	24.60	30.00
2437MHz	Pass	3.31	21.62	21.70	24.67	30.00
2442MHz	Pass	3.31	21.45	21.57	24.52	30.00
2447MHz	Pass	3.31	20.84	21.03	23.95	30.00
2452MHz	Pass	3.31	19.26	19.45	22.37	30.00
2457MHz	Pass	3.31	18.65	18.84	21.76	30.00
2462MHz	Pass	3.31	14.72	14.81	17.78	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.31	14.95	15.01	17.99	30.00
2427MHz	Pass	3.31	16.89	16.69	19.80	30.00
2437MHz	Pass	3.31	16.91	16.73	19.83	30.00
2442MHz	Pass	3.31	16.84	16.63	19.75	30.00
2447MHz	Pass	3.31	16.55	16.54	19.56	30.00
2452MHz	Pass	3.31	13.83	13.71	16.78	30.00

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

Note : Conducted average output power is for reference only

For EUT 2:

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	15.37	0.03443
802.11g_Nss1,(6Mbps)_2TX	20.86	0.12190
802.11n HT20_Nss1,(MCS0)_2TX	20.87	0.12218
802.11n HT40_Nss1,(MCS0)_2TX	20.63	0.11561

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.60	12.48	12.24	15.37	30.00
2437MHz	Pass	1.60	12.22	11.96	15.10	30.00
2462MHz	Pass	1.60	10.19	11.88	14.13	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.60	17.03	16.79	19.92	30.00
2417MHz	Pass	1.60	17.88	17.68	20.79	30.00
2437MHz	Pass	1.60	17.94	17.75	20.86	30.00
2457MHz	Pass	1.60	17.65	17.38	20.53	30.00
2462MHz	Pass	1.60	15.92	15.57	18.76	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.60	15.57	15.42	18.51	30.00
2417MHz	Pass	1.60	17.89	17.66	20.79	30.00
2437MHz	Pass	1.60	17.95	17.77	20.87	30.00
2457MHz	Pass	1.60	17.77	17.47	20.63	30.00
2462MHz	Pass	1.60	15.23	14.94	18.10	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	1.60	15.06	14.89	17.99	30.00
2427MHz	Pass	1.60	15.70	15.51	18.62	30.00
2432MHz	Pass	1.60	16.22	16.02	19.13	30.00
2437MHz	Pass	1.60	17.75	17.48	20.63	30.00
2442MHz	Pass	1.60	17.44	17.19	20.33	30.00
2447MHz	Pass	1.60	16.63	16.30	19.48	30.00
2452MHz	Pass	1.60	15.35	15.10	18.24	30.00

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

For EUT 1:

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-12.76
802.11g_Nss1,(6Mbps)_2TX	-4.69
802.11n HT20_Nss1,(MCS0)_2TX	-2.61
802.11n HT40_Nss1,(MCS0)_2TX	-9.16

RBW=3kHz.

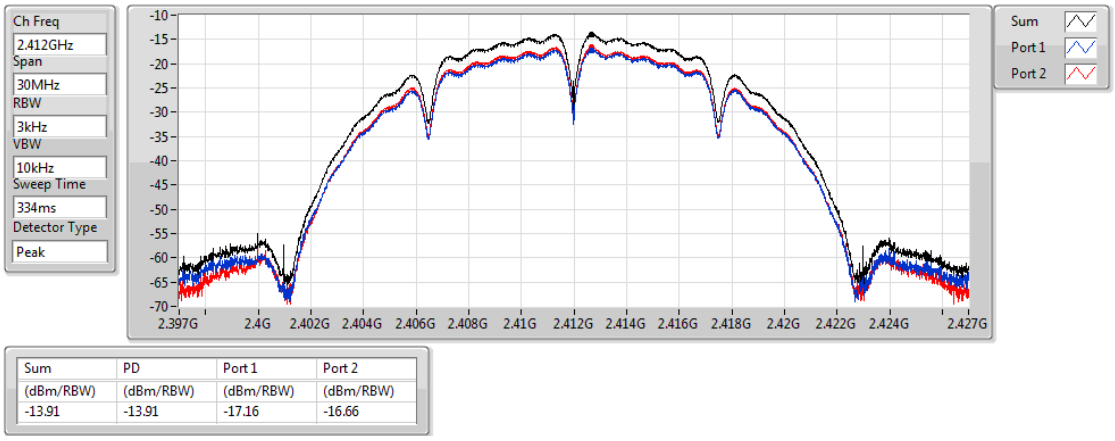
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.08	-17.16	-16.66	-13.91	7.92
2437MHz	Pass	6.08	-15.99	-15.74	-12.87	7.92
2462MHz	Pass	6.08	-16.03	-15.51	-12.76	7.92
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.08	-11.44	-11.06	-8.24	7.92
2437MHz	Pass	6.08	-7.77	-7.64	-4.69	7.92
2462MHz	Pass	6.08	-13.92	-13.58	-10.76	7.92
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.08	-12.06	-12.25	-9.15	7.92
2437MHz	Pass	6.08	-5.82	-5.43	-2.61	7.92
2462MHz	Pass	6.08	-13.05	-12.80	-10.20	7.92
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.08	-13.62	-13.95	-10.86	7.92
2437MHz	Pass	6.08	-11.97	-12.35	-9.16	7.92
2452MHz	Pass	6.08	-16.70	-16.02	-13.89	7.92

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

802.11b_Nss1,(1Mbps)_2TX PSD

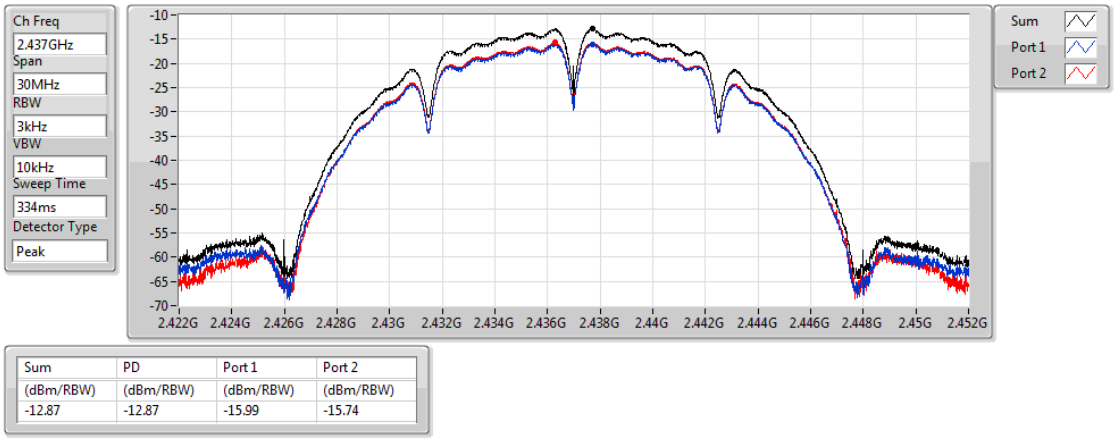
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.91	-13.91	-17.16	-16.66

802.11b_Nss1,(1Mbps)_2TX PSD

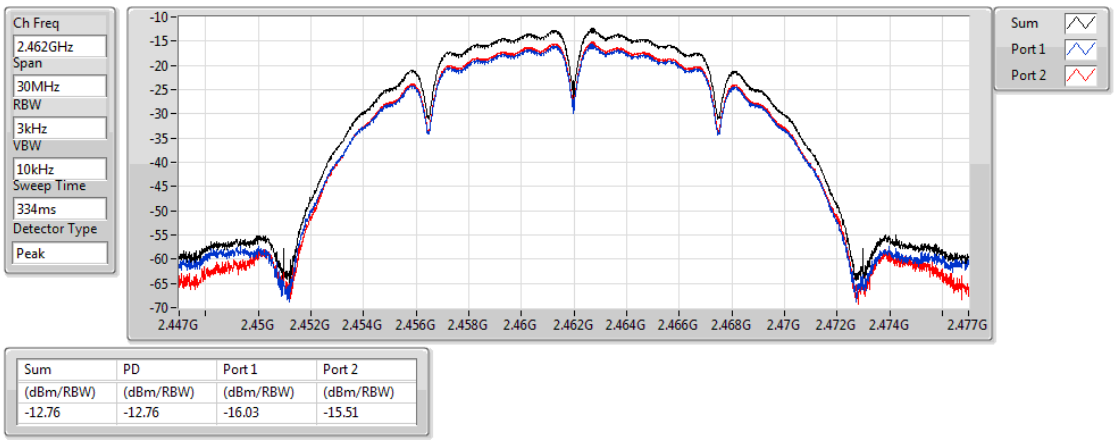
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.87	-12.87	-15.99	-15.74

802.11b_Nss1,(1Mbps)_2TX PSD

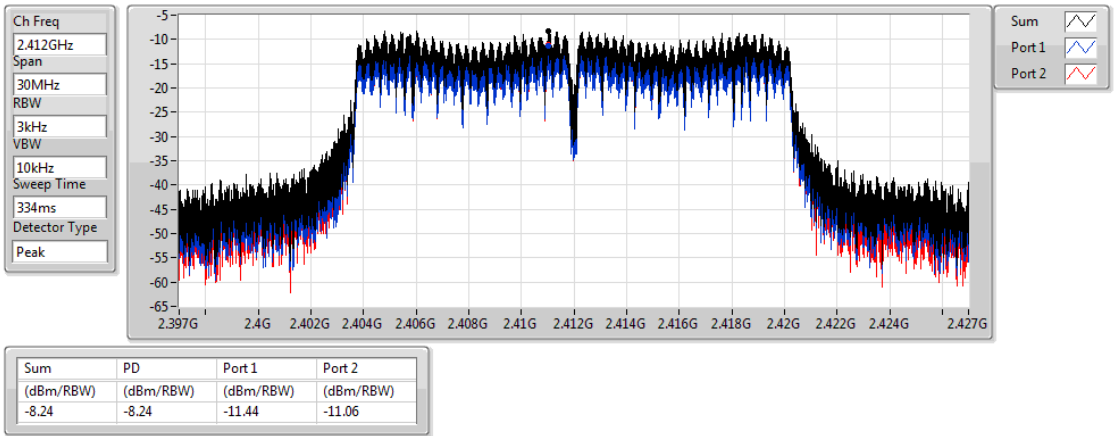
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.76	-12.76	-16.03	-15.51

802.11g_Nss1,(6Mbps)_2TX PSD

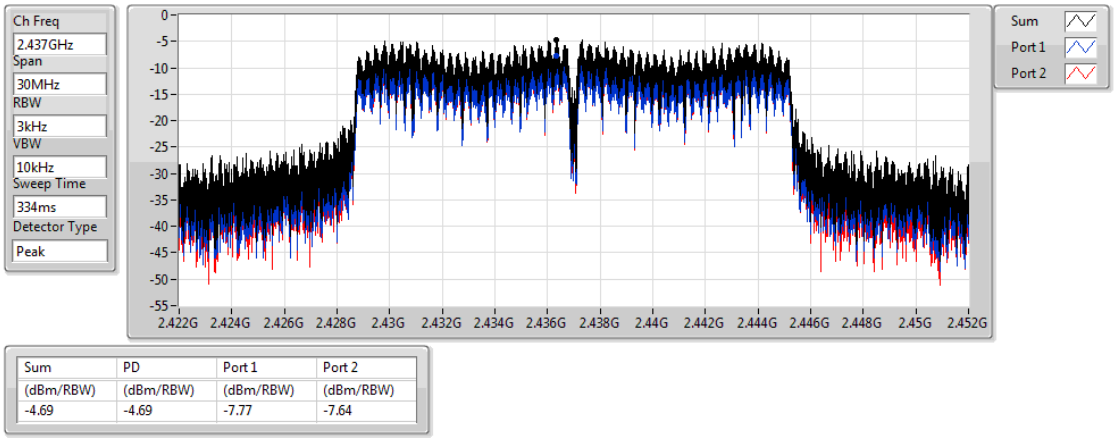
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.24	-8.24	-11.44	-11.06

802.11g_Nss1,(6Mbps)_2TX PSD

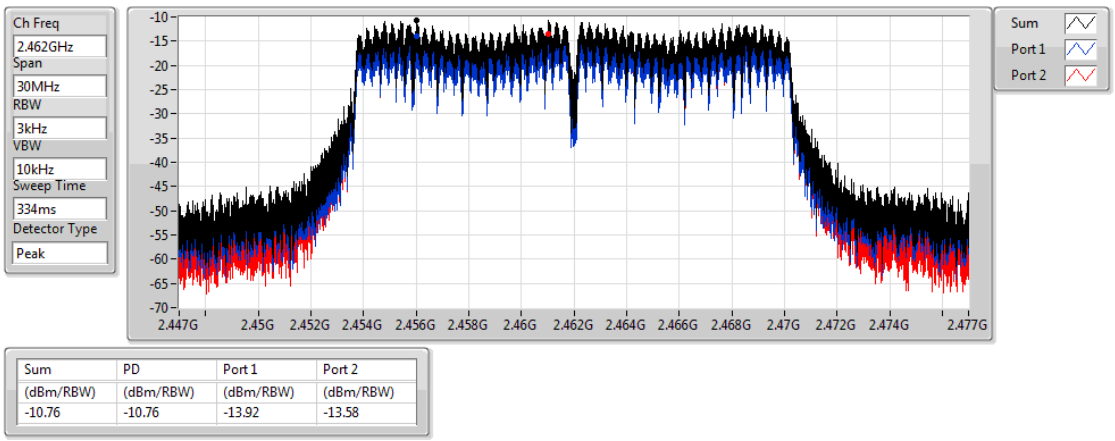
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.69	-4.69	-7.77	-7.64

802.11g_Nss1,(6Mbps)_2TX PSD

2462MHz

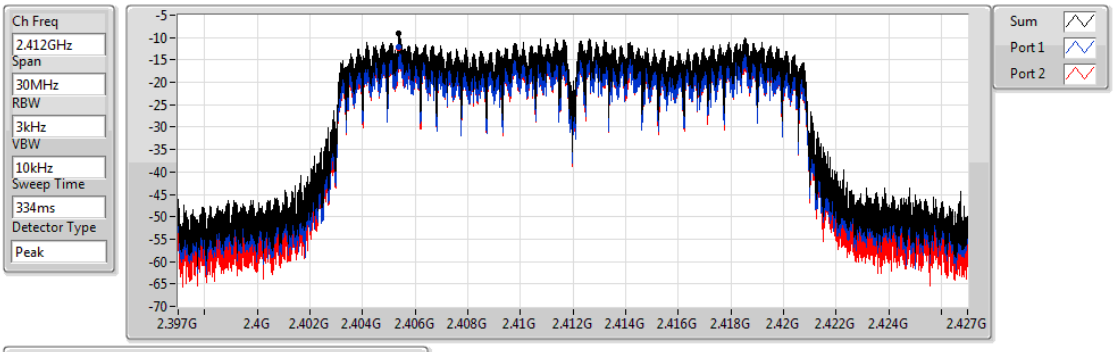


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.76	-10.76	-13.92	-13.58

802.11n HT20_Nss1,(MCS0)_2TX PSD

2412MHz

17/10/2018

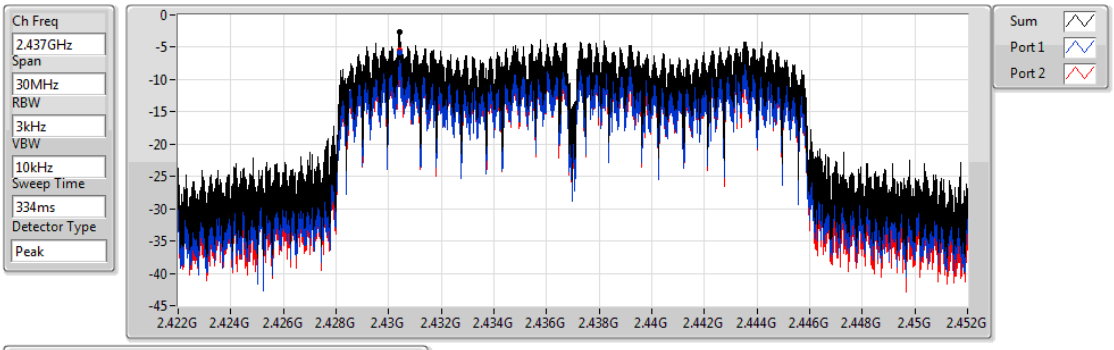


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.15	-9.15	-12.06	-12.25

802.11n HT20_Nss1,(MCS0)_2TX PSD

2437MHz

17/10/2018

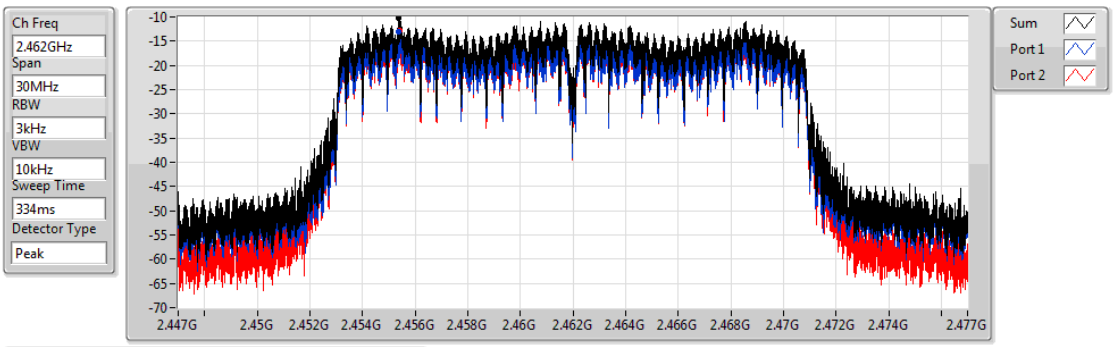


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.61	-2.61	-5.82	-5.43

802.11n HT20_Nss1,(MCS0)_2TX PSD

2462MHz

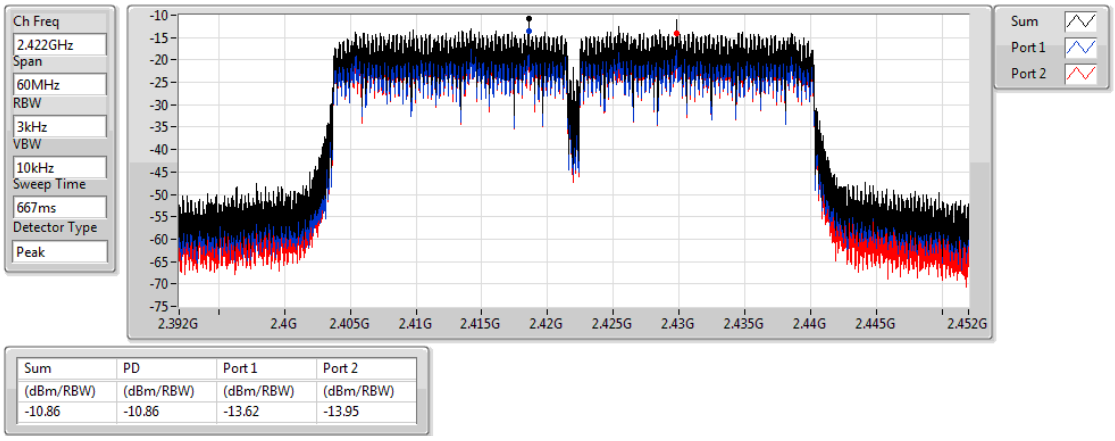
17/10/2018



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.20	-10.20	-13.05	-12.80

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

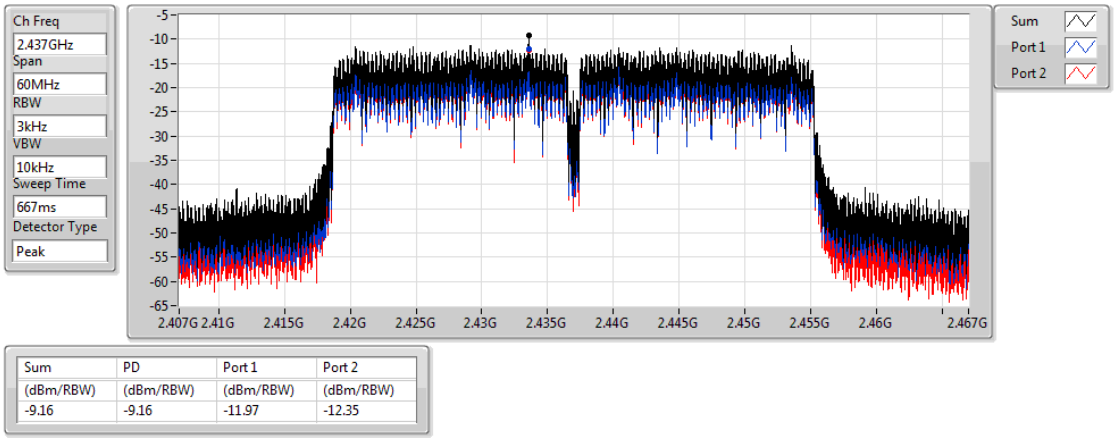
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.86	-10.86	-13.62	-13.95

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

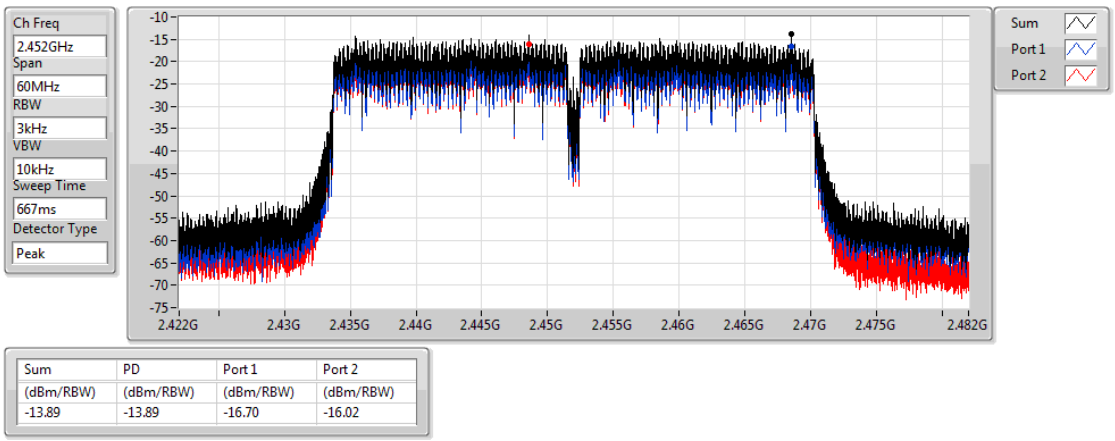
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.16	-9.16	-11.97	-12.35

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

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.89	-13.89	-16.70	-16.02

For EUT 2:

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-15.18
802.11g_Nss1,(6Mbps)_2TX	-7.07
802.11n HT20_Nss1,(MCS0)_2TX	-6.78
802.11n HT40_Nss1,(MCS0)_2TX	-9.09

RBW=3kHz.

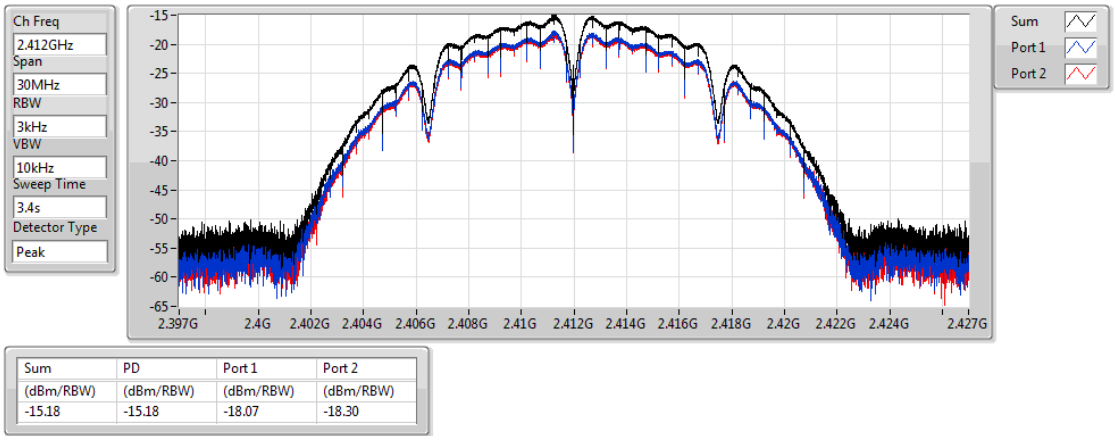
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.61	-18.07	-18.30	-15.18	8.00
2437MHz	Pass	4.61	-18.20	-18.48	-15.35	8.00
2462MHz	Pass	4.61	-20.28	-18.48	-16.32	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.61	-11.21	-11.25	-8.22	8.00
2437MHz	Pass	4.61	-9.87	-10.30	-7.07	8.00
2462MHz	Pass	4.61	-11.95	-12.47	-9.19	8.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.61	-12.70	-12.15	-9.71	8.00
2437MHz	Pass	4.61	-9.60	-9.29	-6.78	8.00
2462MHz	Pass	4.61	-12.15	-11.85	-9.41	8.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.61	-14.66	-15.49	-13.49	8.00
2437MHz	Pass	4.61	-11.81	-12.41	-9.09	8.00
2452MHz	Pass	4.61	-13.63	-13.63	-10.62	8.00

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

802.11b_Nss1,(1Mbps)_2TX PSD

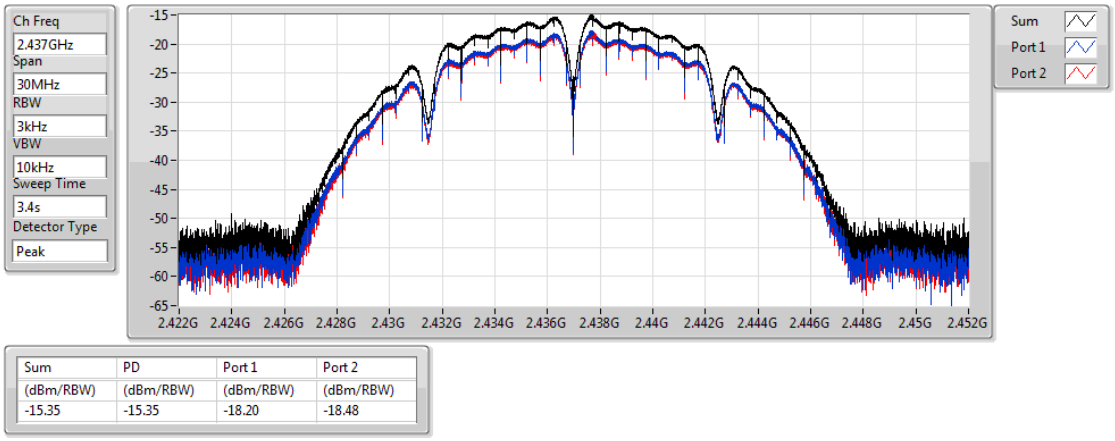
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-15.18	-15.18	-18.07	-18.30

802.11b_Nss1,(1Mbps)_2TX PSD

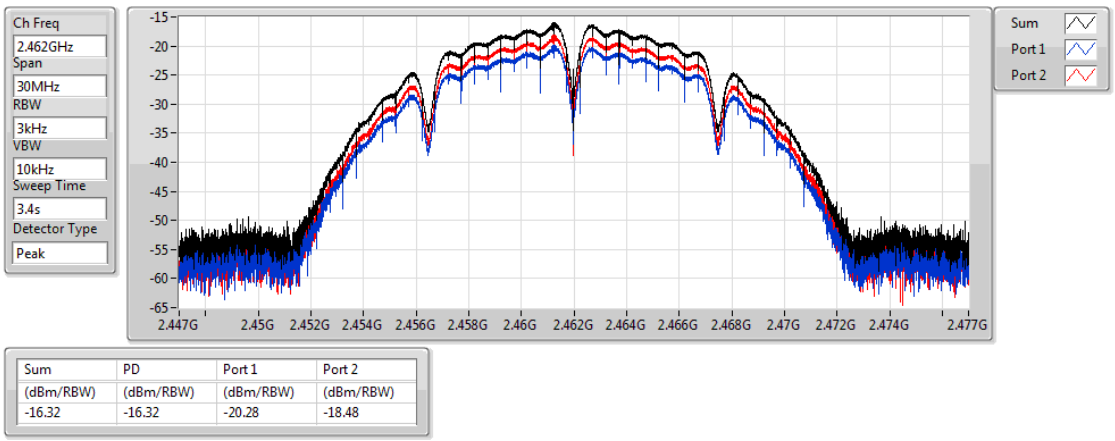
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-15.35	-15.35	-18.20	-18.48

802.11b_Nss1,(1Mbps)_2TX PSD

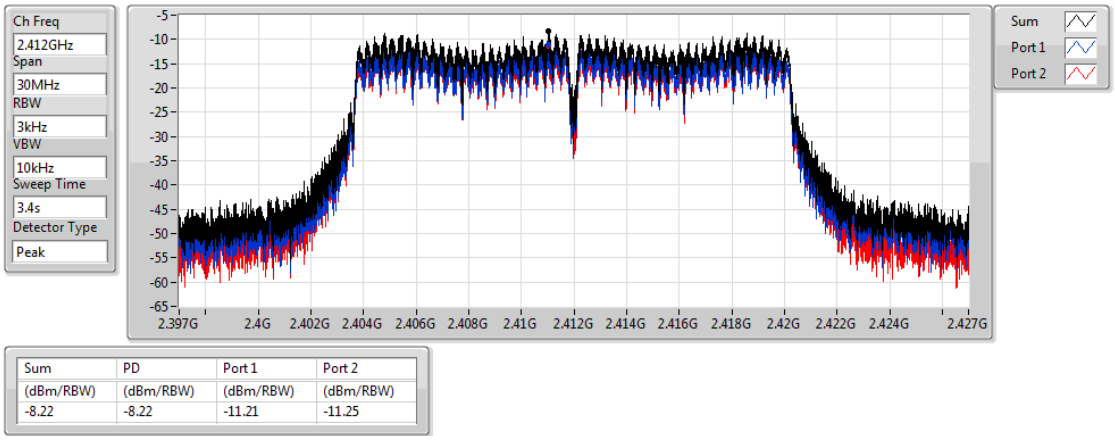
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-16.32	-16.32	-20.28	-18.48

802.11g_Nss1,(6Mbps)_2TX PSD

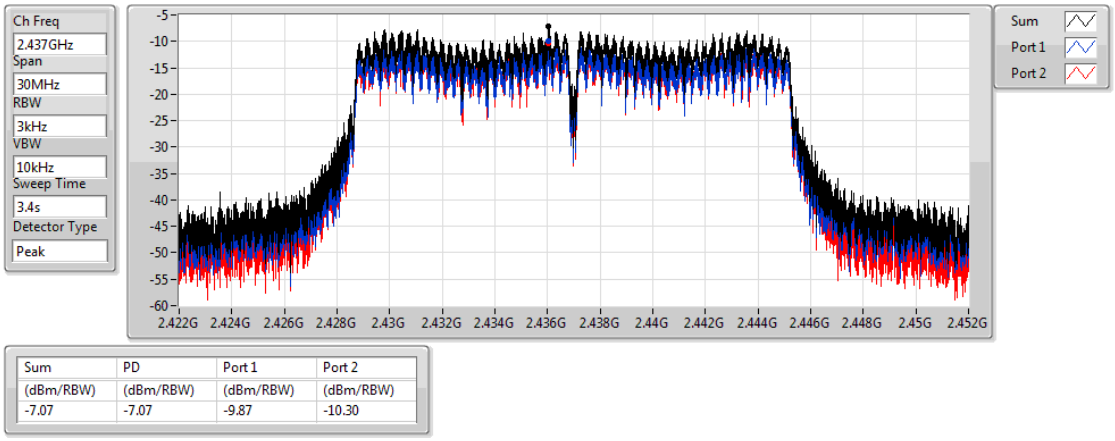
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.22	-8.22	-11.21	-11.25

802.11g_Nss1,(6Mbps)_2TX PSD

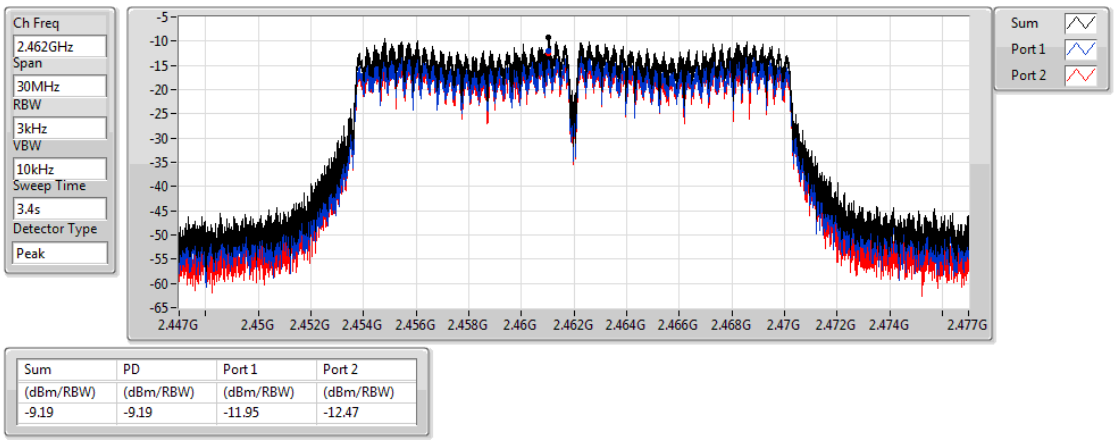
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.07	-7.07	-9.87	-10.30

802.11g_Nss1,(6Mbps)_2TX PSD

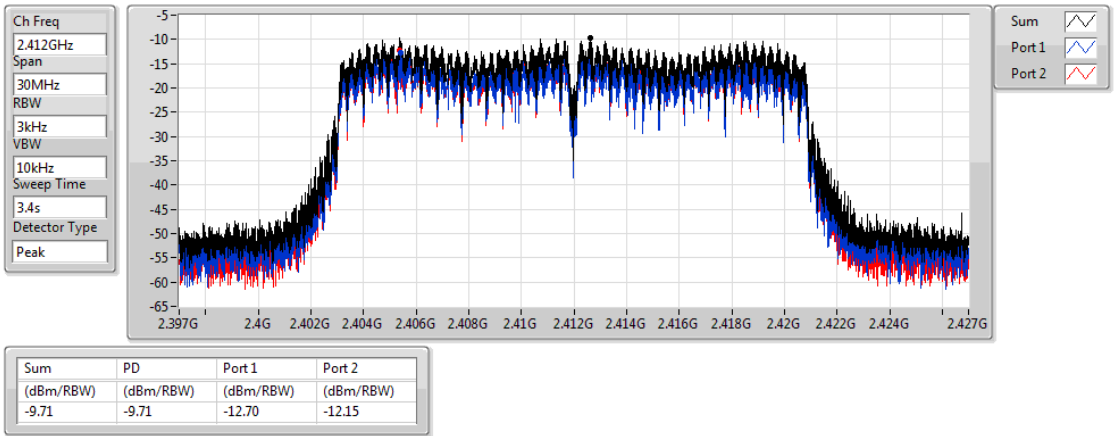
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.19	-9.19	-11.95	-12.47

802.11n HT20_Nss1,(MCS0)_2TX PSD

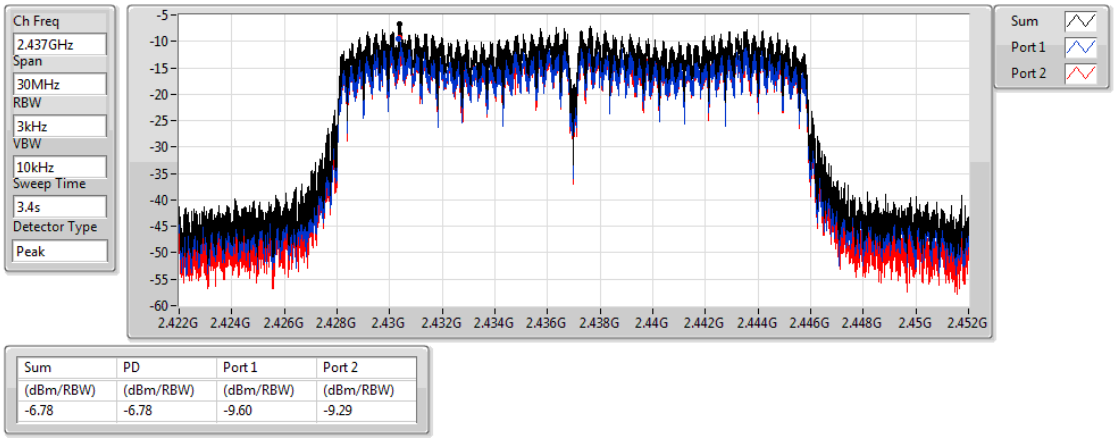
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.71	-9.71	-12.70	-12.15

802.11n HT20_Nss1,(MCS0)_2TX PSD

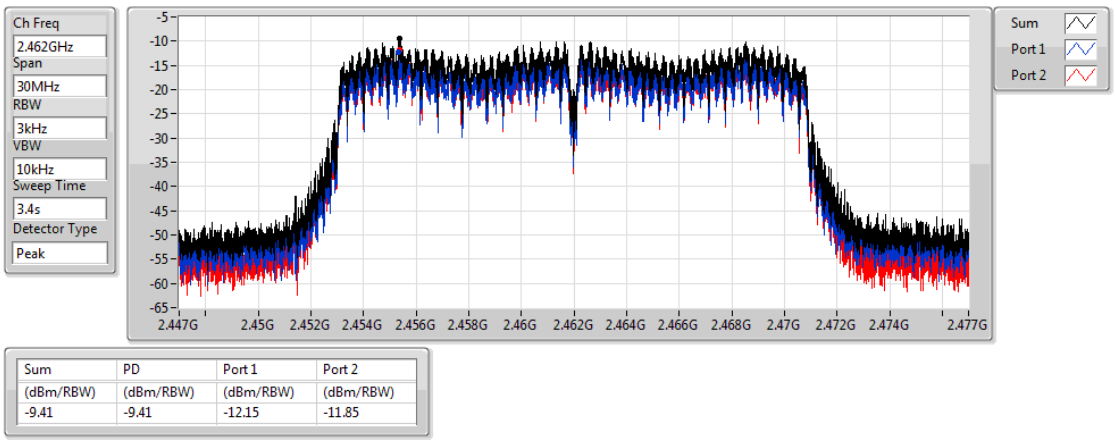
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.78	-6.78	-9.60	-9.29

802.11n HT20_Nss1,(MCS0)_2TX PSD

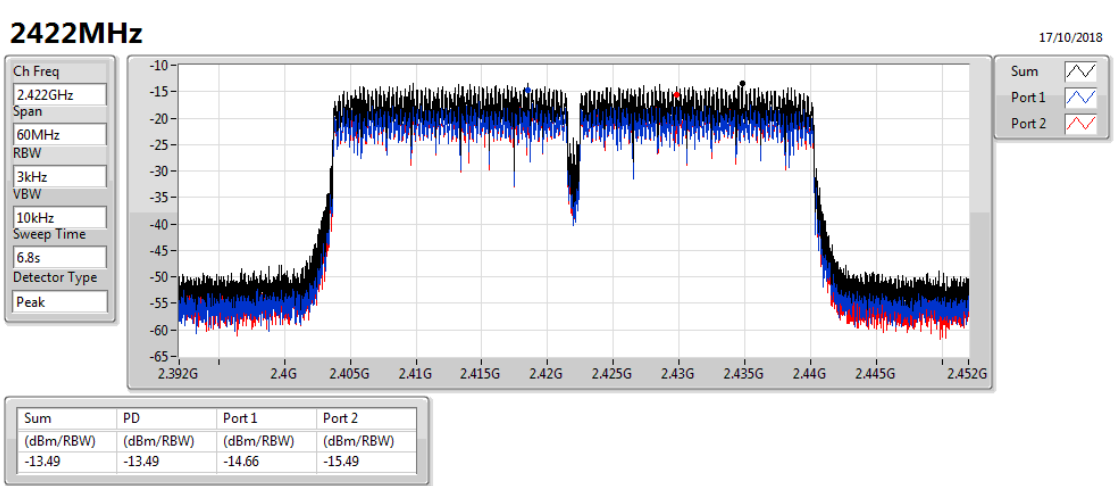
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.41	-9.41	-12.15	-11.85

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

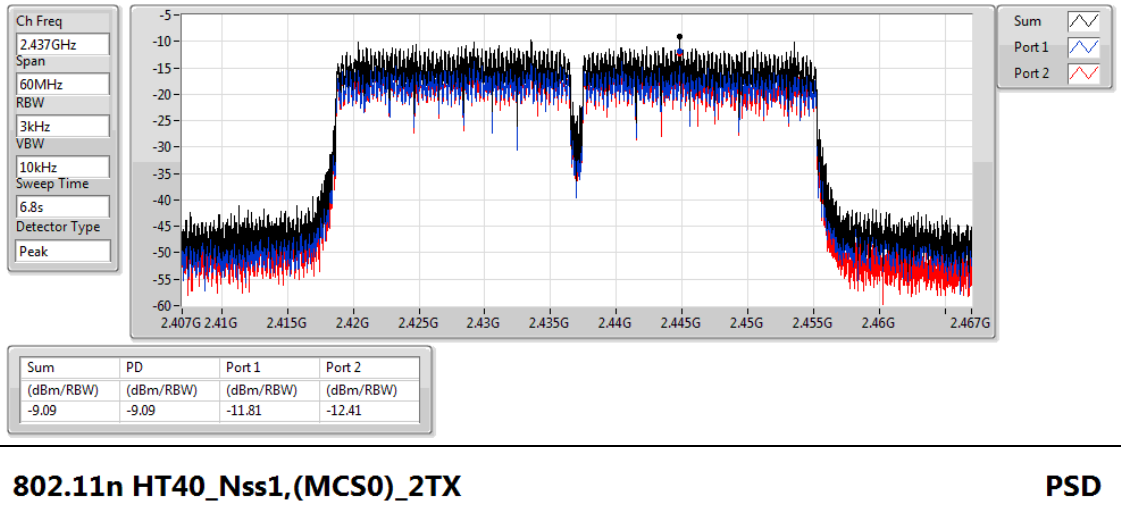
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.49	-13.49	-14.66	-15.49

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

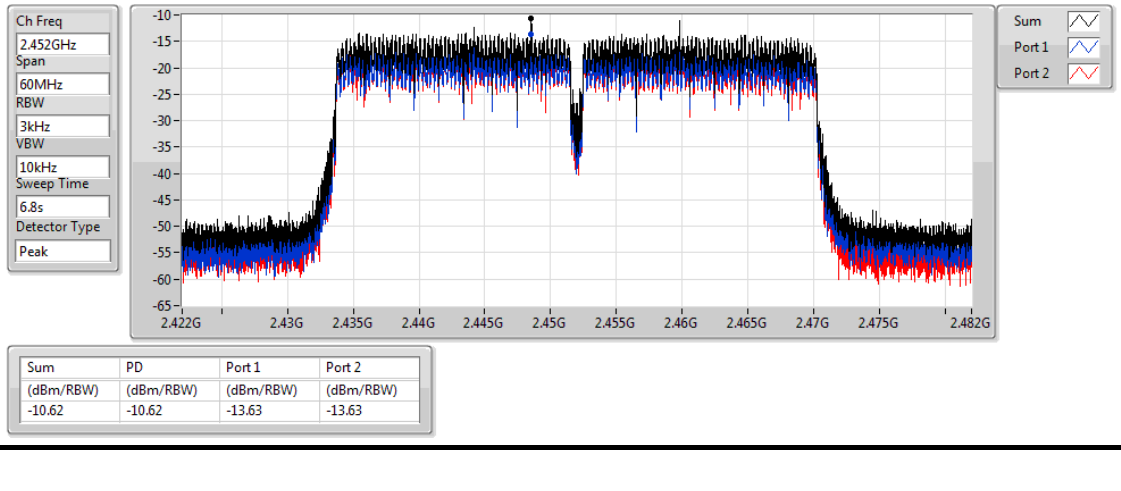
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.09	-9.09	-11.81	-12.41

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

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.62	-10.62	-13.63	-13.63

For EUT 1:

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.437408G	4.40	-25.60	749.97M	-53.35	2.39952G	-41.81	2.49198G	-51.73	6.993514G	-54.68	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.430394G	6.92	-23.08	2.16894G	-53.79	2.39912G	-25.59	2.49198G	-52.39	6.24898G	-55.18	1
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.436406G	8.04	-21.96	2.16195G	-54.78	2.39992G	-30.26	2.49198G	-52.49	6.985085G	-55.30	1
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.435404G	-1.33	-31.33	750.205M	-55.59	2.39792G	-33.20	2.5019G	-54.36	6.980686G	-55.57	1

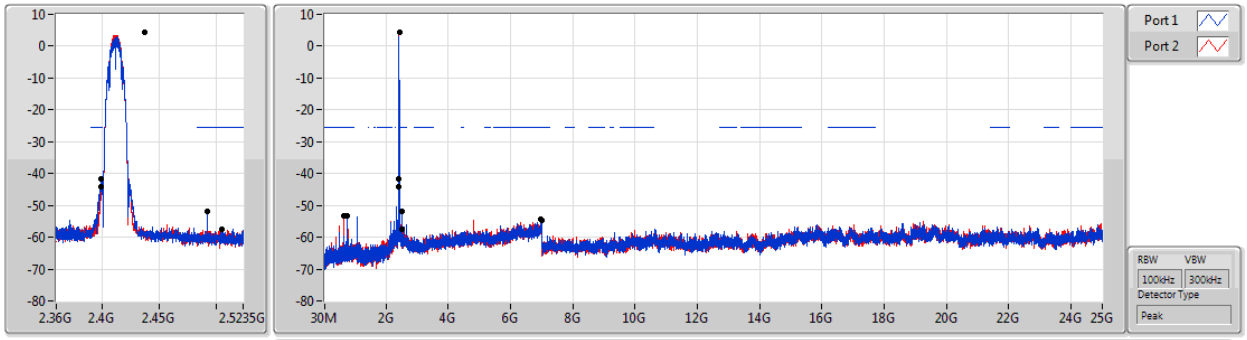
Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.437408G	4.40	-25.60	749.97M	-53.35	2.39952G	-41.81	2.49198G	-51.73	6.993514G	-54.68	1
2412MHz	Pass	2.437408G	4.40	-25.60	624.15M	-53.25	2.39952G	-44.24	2.5051G	-57.65	6.968228G	-54.48	2
2437MHz	Pass	2.437408G	4.40	-25.60	2.18991G	-52.19	2.39704G	-53.59	2.51702G	-50.40	2.596549G	-54.43	1
2437MHz	Pass	2.437408G	4.40	-25.60	639.295M	-53.23	2.39632G	-56.20	2.48614G	-55.22	6.541174G	-55.59	2
2462MHz	Pass	2.437408G	4.40	-25.60	749.97M	-52.97	2.39152G	-57.52	2.48742G	-56.13	2.540357G	-52.86	1
2462MHz	Pass	2.437408G	4.40	-25.60	624.15M	-53.37	2.39616G	-57.06	2.4843G	-55.74	6.987895G	-54.40	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.430394G	6.92	-23.08	2.16894G	-53.79	2.39912G	-25.59	2.49198G	-52.39	6.24898G	-55.18	1
2412MHz	Pass	2.430394G	6.92	-23.08	624.15M	-53.05	2.39976G	-27.04	2.49174G	-54.15	6.993514G	-55.30	2
2437MHz	Pass	2.430394G	6.92	-23.08	2.186415G	-50.34	2.39976G	-41.46	2.48358G	-46.91	6.95699G	-54.80	1
2437MHz	Pass	2.430394G	6.92	-23.08	2.19457G	-49.98	2.39968G	-44.20	2.48366G	-48.05	6.841798G	-54.67	2
2462MHz	Pass	2.430394G	6.92	-23.08	2.302915G	-52.81	2.39472G	-57.15	2.48382G	-44.69	2.540357G	-53.05	1
2462MHz	Pass	2.430394G	6.92	-23.08	624.15M	-52.88	2.39008G	-56.37	2.48494G	-46.57	6.982276G	-54.77	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.436406G	8.04	-21.96	2.16195G	-54.78	2.39992G	-30.26	2.49198G	-52.49	6.985085G	-55.30	1
2412MHz	Pass	2.436406G	8.04	-21.96	624.15M	-52.22	2.39856G	-35.41	2.4911G	-55.06	24.915713G	-55.09	2
2437MHz	Pass	2.436406G	8.04	-21.96	2.18758G	-49.78	2.39832G	-36.64	2.48382G	-43.33	6.993514G	-55.26	1
2437MHz	Pass	2.436406G	8.04	-21.96	2.186415G	-49.89	2.39984G	-38.51	2.48686G	-44.51	6.830559G	-55.41	2
2462MHz	Pass	2.436406G	8.04	-21.96	2.302915G	-51.43	2.398G	-56.99	2.48406G	-40.71	2.621835G	-52.95	1
2462MHz	Pass	2.436406G	8.04	-21.96	624.15M	-53.00	2.39016G	-56.18	2.4843G	-47.55	6.937323G	-55.39	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.435404G	-1.33	-31.33	750.205M	-55.59	2.39792G	-33.20	2.5019G	-54.36	6.980686G	-55.57	1
2422MHz	Pass	2.435404G	-1.33	-31.33	640.285M	-52.05	2.39776G	-37.62	2.48494G	-55.35	6.997513G	-55.66	2
2437MHz	Pass	2.435404G	-1.33	-31.33	750.205M	-54.50	2.39712G	-33.84	2.48414G	-41.17	6.997513G	-55.49	1
2437MHz	Pass	2.435404G	-1.33	-31.33	640.285M	-51.70	2.39696G	-34.78	2.48494G	-45.06	6.419773G	-54.42	2
2452MHz	Pass	2.435404G	-1.33	-31.33	750.205M	-53.28	2.39488G	-56.24	2.49006G	-42.03	6.531956G	-55.61	1
2452MHz	Pass	2.435404G	-1.33	-31.33	640.285M	-51.79	2.392G	-55.69	2.4859G	-50.30	6.834849G	-55.69	2

802.11b_Nss1,(1Mbps)_2TX **CSE NdB**

2412MHz

17/10/2018

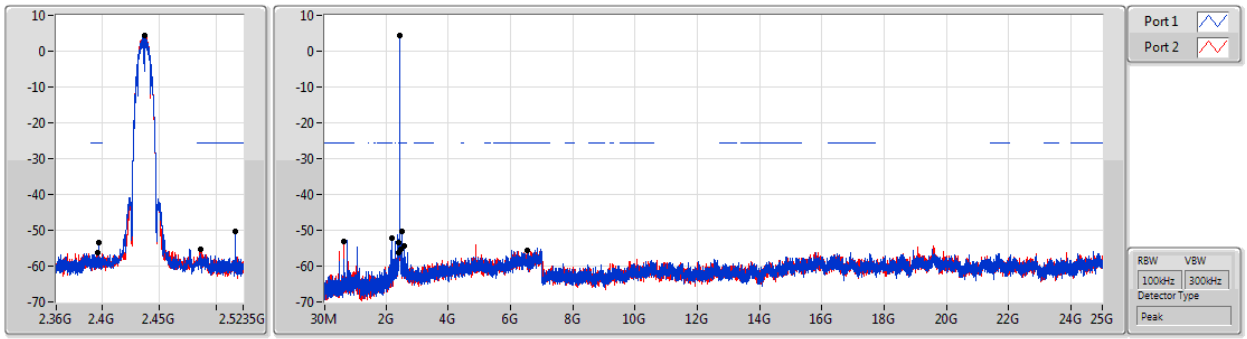


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.437408G	4.40	-25.60	749.97M	-53.35	2.39952G	-41.81	2.49198G	-51.73	6.993514G	-54.68	1
2.437408G	4.40	-25.60	624.15M	-53.25	2.39952G	-44.24	2.5051G	-57.65	6.968228G	-54.48	2

802.11b_Nss1,(1Mbps)_2TX **CSE NdB**

2437MHz

17/10/2018

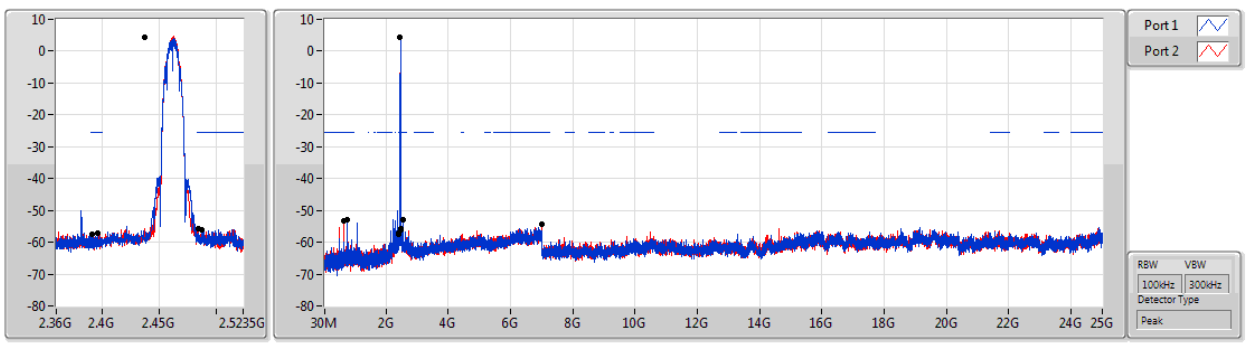


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.437408G	4.40	-25.60	2.18991G	-52.19	2.39704G	-53.59	2.51702G	-50.40	2.596549G	-54.43	1
2.437408G	4.40	-25.60	639.295M	-53.23	2.39632G	-56.20	2.48614G	-55.22	6.541174G	-55.59	2

802.11b_Nss1,(1Mbps)_2TX **CSE NdB**

2462MHz

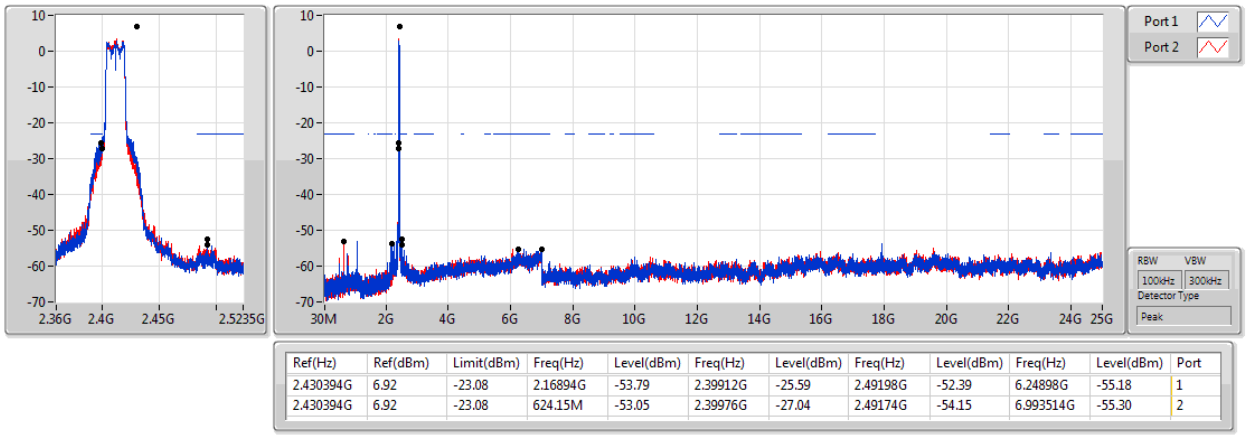
17/10/2018



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.437408G	4.40	-25.60	749.97M	-52.97	2.39152G	-57.52	2.48742G	-56.13	2.540357G	-52.86	1
2.437408G	4.40	-25.60	624.15M	-53.37	2.39616G	-57.06	2.4843G	-55.74	6.987895G	-54.40	2

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

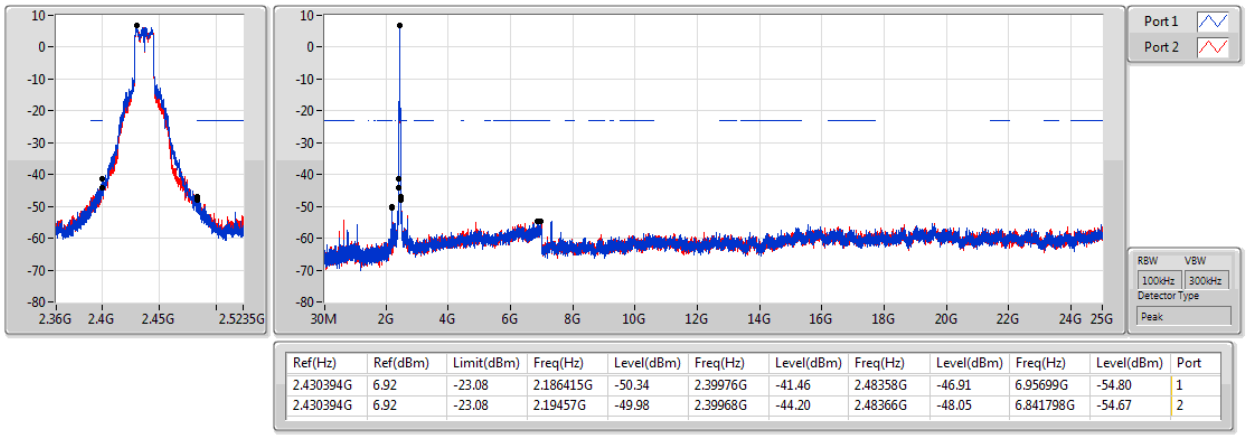
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.430394G	6.92	-23.08	2.16894G	-53.79	2.39912G	-25.59	2.49198G	-52.39	6.24898G	-55.18	1
2.430394G	6.92	-23.08	624.15M	-53.05	2.39976G	-27.04	2.49174G	-54.15	6.993514G	-55.30	2

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

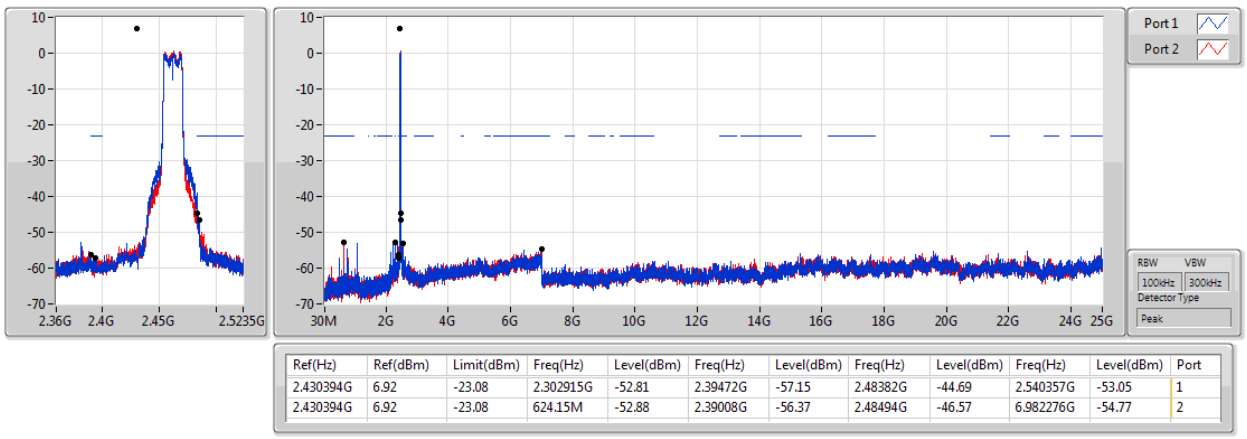
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.430394G	6.92	-23.08	2.186415G	-50.34	2.39976G	-41.46	2.48358G	-46.91	6.95699G	-54.80	1
2.430394G	6.92	-23.08	2.19457G	-49.98	2.39968G	-44.20	2.48366G	-48.05	6.841798G	-54.67	2

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

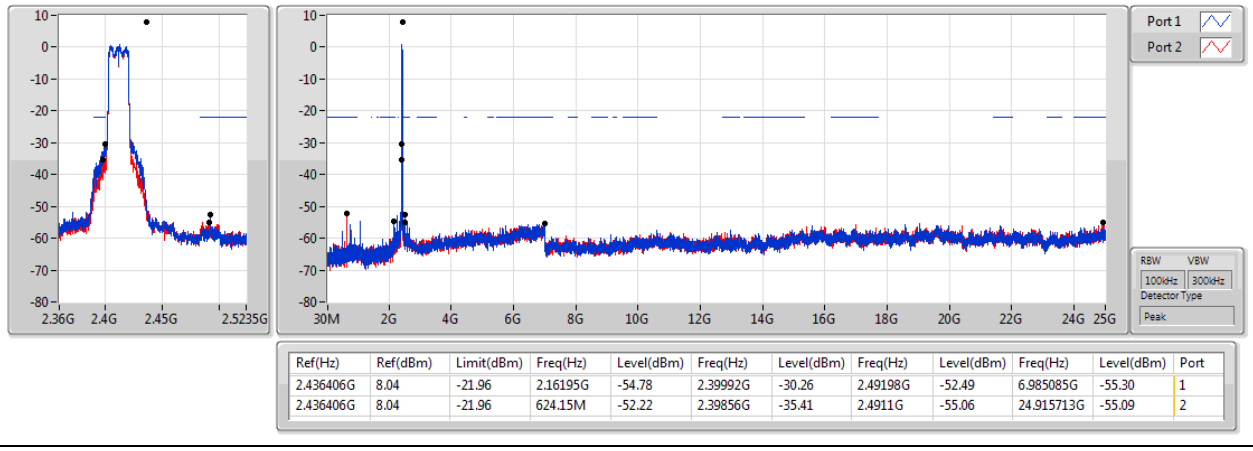
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.430394G	6.92	-23.08	2.302915G	-52.81	2.39472G	-57.15	2.48382G	-44.69	2.540357G	-53.05	1
2.430394G	6.92	-23.08	624.15M	-52.88	2.39008G	-56.37	2.48494G	-46.57	6.982276G	-54.77	2

802.11n HT20_Nss1,(MCS0)_2TX CSE NdB

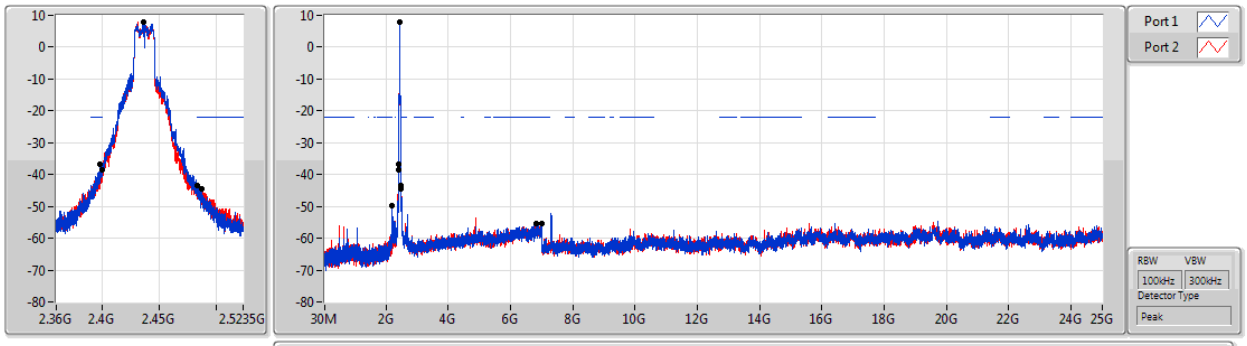
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.436406G	8.04	-21.96	2.16195G	-54.78	2.39992G	-30.26	2.49198G	-52.49	6.985085G	-55.30	1
2.436406G	8.04	-21.96	624.15M	-52.22	2.39856G	-35.41	2.4911G	-55.06	24.915713G	-55.09	2

802.11n HT20_Nss1,(MCS0)_2TX CSE NdB

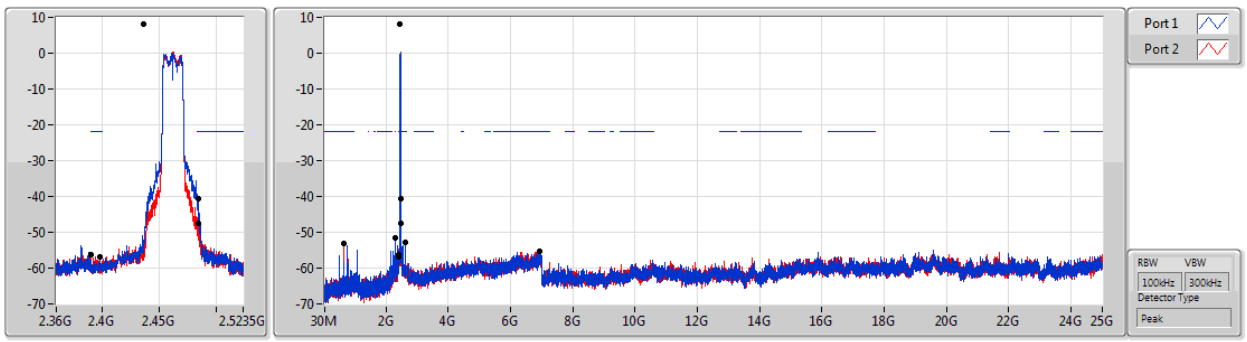
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.436406G	8.04	-21.96	2.18758G	-49.78	2.39832G	-36.64	2.48382G	-43.33	6.993514G	-55.26	1
2.436406G	8.04	-21.96	2.186415G	-49.89	2.39984G	-38.51	2.48686G	-44.51	6.830559G	-55.41	2

802.11n HT20_Nss1,(MCS0)_2TX CSE NdB

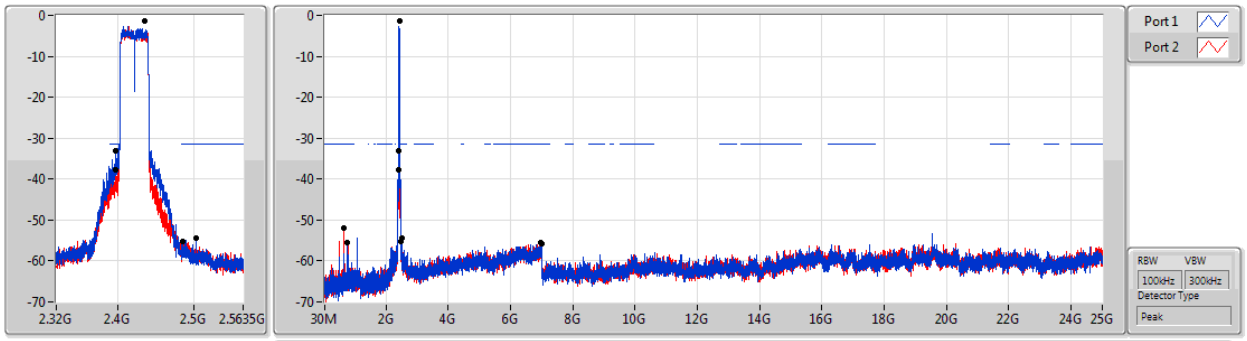
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.436406G	8.04	-21.96	2.302915G	-51.43	2.398G	-56.99	2.48406G	-40.71	2.621835G	-52.95	1
2.436406G	8.04	-21.96	624.15M	-53.00	2.39016G	-56.18	2.4843G	-47.55	6.937323G	-55.39	2

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

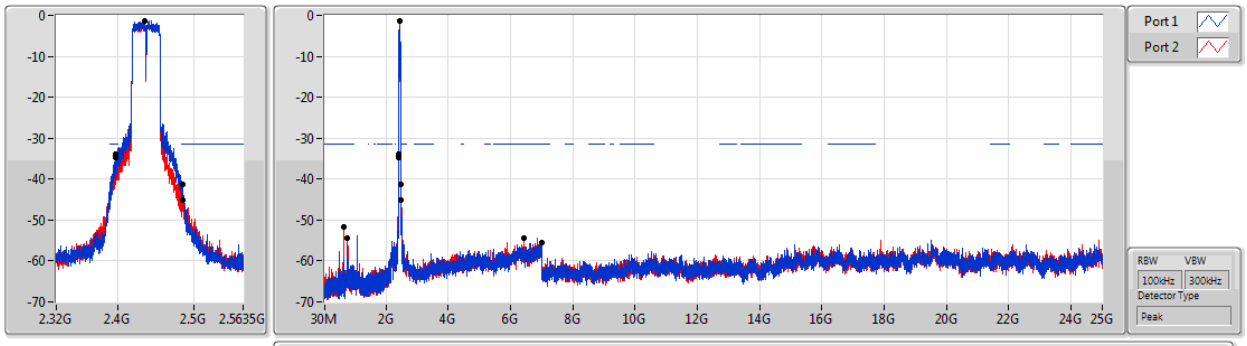
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435404G	-1.33	-31.33	750.205M	-55.59	2.39792G	-33.20	2.5019G	-54.36	6.980686G	-55.57	1
2.435404G	-1.33	-31.33	640.285M	-52.05	2.39776G	-37.62	2.48494G	-55.35	6.997513G	-55.66	2

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

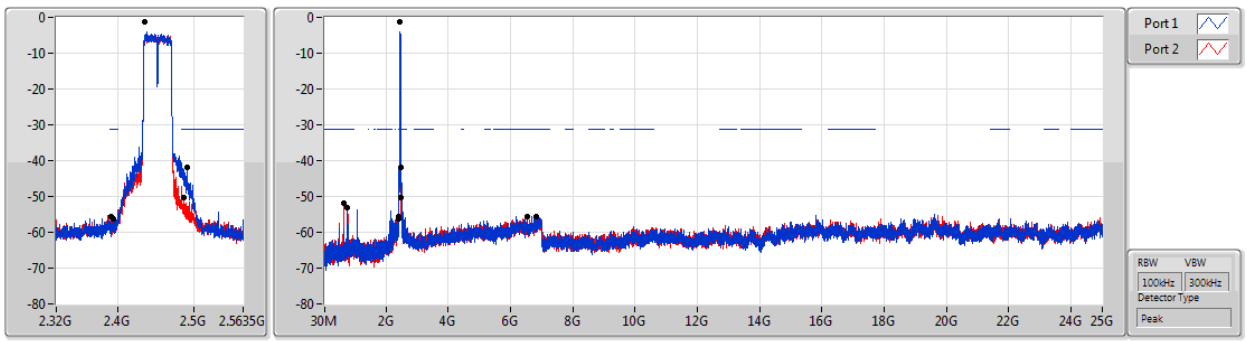
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435404G	-1.33	-31.33	750.205M	-54.50	2.39712G	-33.84	2.48414G	-41.17	6.997513G	-55.49	1
2.435404G	-1.33	-31.33	640.285M	-51.70	2.39696G	-34.78	2.48494G	-45.06	6.419773G	-54.42	2

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

2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435404G	-1.33	-31.33	750.205M	-53.28	2.39488G	-56.24	2.49006G	-42.03	6.531956G	-55.61	1
2.435404G	-1.33	-31.33	640.285M	-51.79	2.392G	-55.69	2.4859G	-50.30	6.834849G	-55.69	2

For EUT 2:

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.411356G	2.88	-27.12	749.97M	-50.88	2.39952G	-41.41	2.49198G	-52.85	17.61647G	-52.96	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.443587G	4.45	-25.55	749.97M	-51.64	2.3992G	-28.14	2.49198G	-52.45	16.692124G	-52.69	1
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.437575G	4.21	-25.79	749.97M	-52.02	2.39864G	-34.12	2.49198G	-52.69	17.664232G	-53.71	1
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.429058G	0.44	-29.56	750.205M	-53.48	2.39648G	-32.71	2.4843G	-39.84	17.62961G	-53.40	1

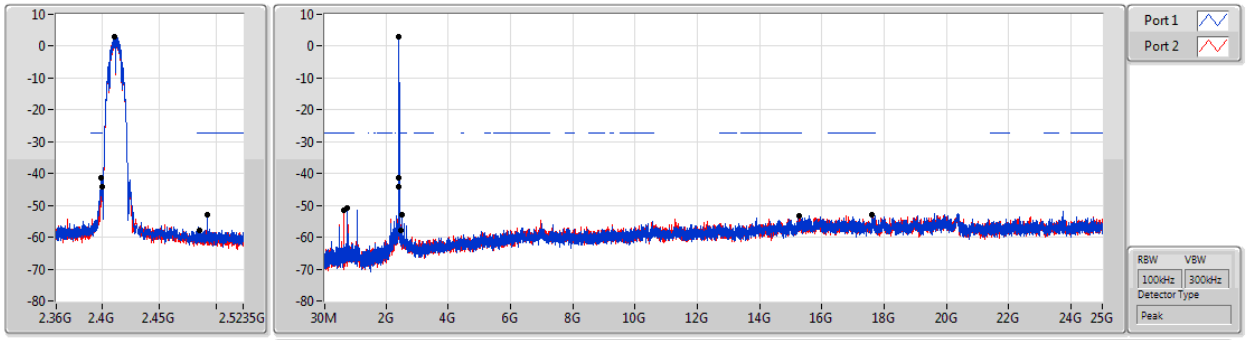
Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.411356G	2.88	-27.12	749.97M	-50.88	2.39952G	-41.41	2.49198G	-52.85	17.61647G	-52.96	1
2412MHz	Pass	2.411356G	2.88	-27.12	639.295M	-51.45	2.39992G	-44.31	2.48534G	-57.75	15.278914G	-53.22	2
2437MHz	Pass	2.411356G	2.88	-27.12	749.97M	-52.82	2.39704G	-55.54	2.51702G	-52.89	16.593789G	-53.20	1
2437MHz	Pass	2.411356G	2.88	-27.12	624.15M	-52.25	2.39896G	-57.05	2.48518G	-56.72	16.605027G	-53.30	2
2462MHz	Pass	2.411356G	2.88	-27.12	749.97M	-50.06	2.39968G	-57.10	2.48726G	-55.63	16.26507G	-52.95	1
2462MHz	Pass	2.411356G	2.88	-27.12	639.295M	-51.52	2.39344G	-57.38	2.49846G	-56.34	24.674091G	-53.26	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.443587G	4.45	-25.55	749.97M	-51.64	2.3992G	-28.14	2.49198G	-52.45	16.692124G	-52.69	1
2412MHz	Pass	2.443587G	4.45	-25.55	639.295M	-52.50	2.39968G	-30.06	2.48454G	-54.56	14.53157G	-53.46	2
2437MHz	Pass	2.443587G	4.45	-25.55	2.186415G	-52.15	2.3968G	-51.22	2.48446G	-52.36	16.638742G	-52.26	1
2437MHz	Pass	2.443587G	4.45	-25.55	639.295M	-51.82	2.39888G	-51.54	2.4847G	-52.55	14.972671G	-53.18	2
2462MHz	Pass	2.443587G	4.45	-25.55	749.97M	-52.19	2.39384G	-56.12	2.48422G	-42.23	17.61647G	-52.08	1
2462MHz	Pass	2.443587G	4.45	-25.55	639.295M	-52.14	2.39008G	-55.18	2.48358G	-47.77	17.61366G	-53.51	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.437575G	4.21	-25.79	749.97M	-52.02	2.39864G	-34.12	2.49198G	-52.69	17.664232G	-53.71	1
2412MHz	Pass	2.437575G	4.21	-25.79	639.295M	-52.57	2.39992G	-35.44	2.49286G	-55.85	15.270485G	-53.50	2
2437MHz	Pass	2.437575G	4.21	-25.79	2.188745G	-52.41	2.39896G	-50.56	2.48446G	-53.85	16.492645G	-52.85	1
2437MHz	Pass	2.437575G	4.21	-25.79	639.295M	-52.27	2.39704G	-51.36	2.48518G	-52.57	21.513333G	-52.88	2
2462MHz	Pass	2.437575G	4.21	-25.79	2.302915G	-52.31	2.39192G	-55.76	2.48358G	-40.83	15.326676G	-52.85	1
2462MHz	Pass	2.437575G	4.21	-25.79	639.295M	-51.97	2.39064G	-56.01	2.48382G	-48.11	17.619279G	-53.09	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.429058G	0.44	-29.56	750.205M	-51.94	2.39792G	-36.47	2.5019G	-53.34	17.164052G	-53.35	1
2422MHz	Pass	2.429058G	0.44	-29.56	640.285M	-50.52	2.3936G	-37.84	2.48926G	-53.80	16.863964G	-53.28	2
2437MHz	Pass	2.429058G	0.44	-29.56	750.205M	-53.48	2.39648G	-32.71	2.4843G	-39.84	17.62961G	-53.40	1
2437MHz	Pass	2.429058G	0.44	-29.56	640.285M	-51.09	2.39824G	-33.17	2.48366G	-44.46	17.225753G	-53.16	2
2452MHz	Pass	2.429058G	0.44	-29.56	2.13222G	-53.24	2.39872G	-53.90	2.48846G	-39.49	16.911642G	-52.99	1
2452MHz	Pass	2.429058G	0.44	-29.56	640.285M	-50.92	2.39584G	-54.33	2.48542G	-47.89	17.668874G	-52.54	2

802.11b_Nss1,(1Mbps)_2TX CSE NdB

2412MHz

17/10/2018

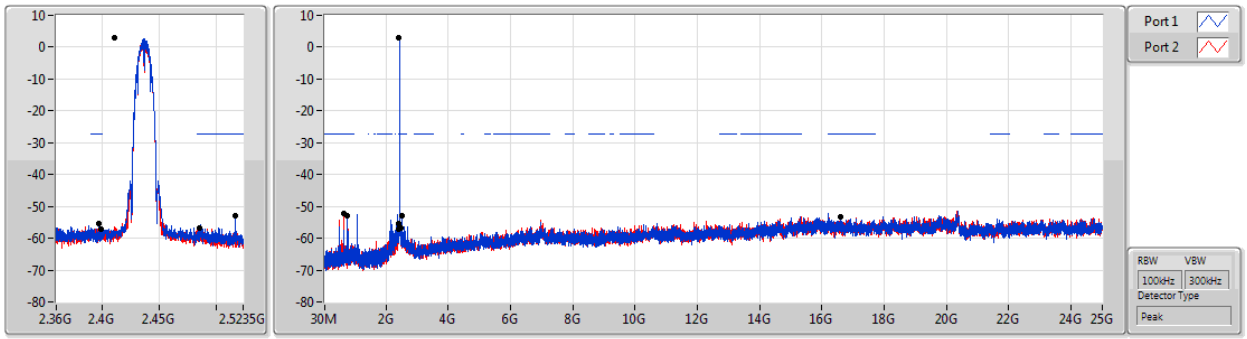


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.411356G	2.88	-27.12	749.97M	-50.88	2.39952G	-41.41	2.49198G	-52.85	17.61647G	-52.96	1
2.411356G	2.88	-27.12	639.295M	-51.45	2.39992G	-44.31	2.48534G	-57.75	15.278914G	-53.22	2

802.11b_Nss1,(1Mbps)_2TX CSE NdB

2437MHz

17/10/2018

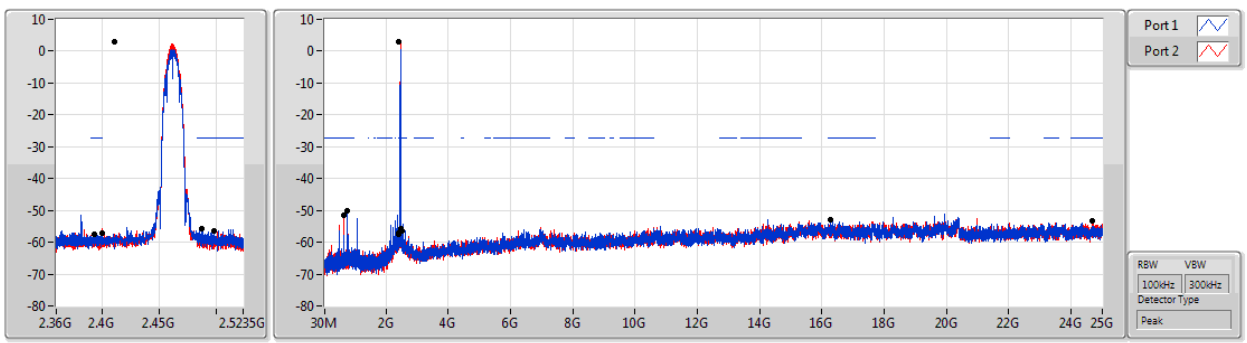


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.411356G	2.88	-27.12	749.97M	-52.82	2.39704G	-55.54	2.51702G	-52.89	16.593789G	-53.20	1
2.411356G	2.88	-27.12	624.15M	-52.25	2.39896G	-57.05	2.48518G	-56.72	16.605027G	-53.30	2

802.11b_Nss1,(1Mbps)_2TX CSE NdB

2462MHz

17/10/2018

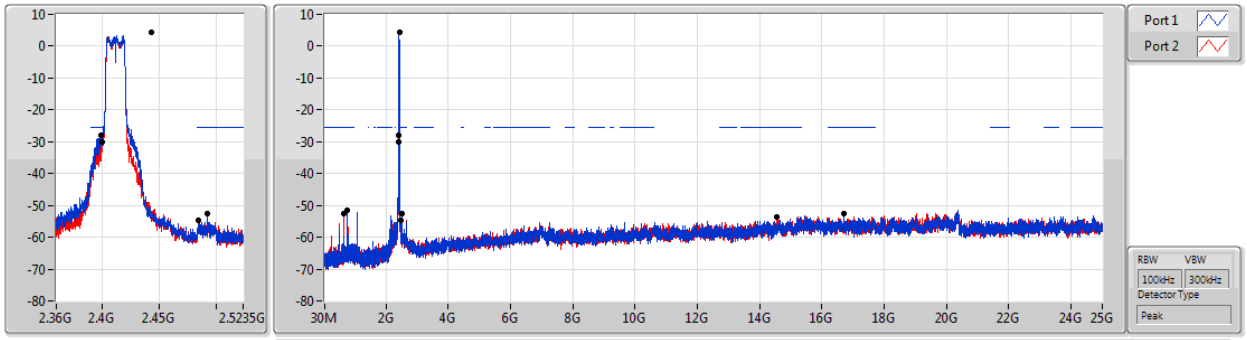


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.411356G	2.88	-27.12	749.97M	-50.06	2.39968G	-57.10	2.48726G	-55.63	16.26507G	-52.95	1
2.411356G	2.88	-27.12	639.295M	-51.52	2.39344G	-57.38	2.49846G	-56.34	24.674091G	-53.26	2

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

2412MHz

17/10/2018

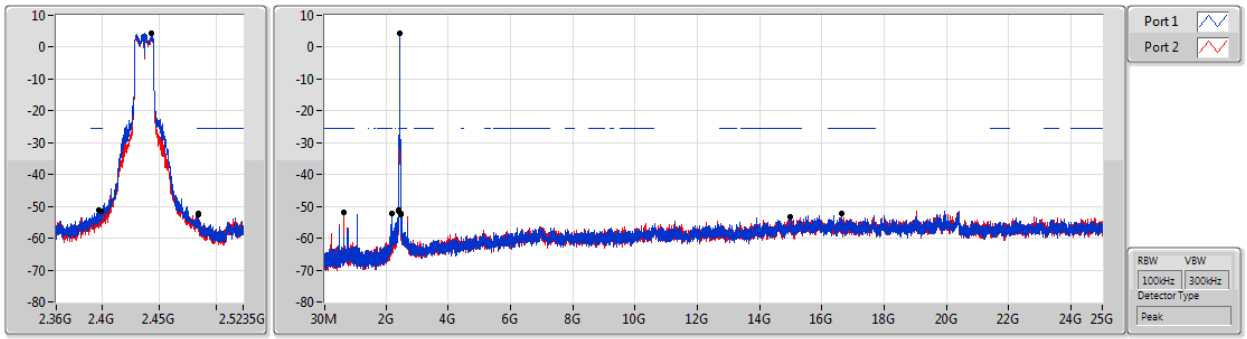


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.443587G	4.45	-25.55	749.97M	-51.64	2.3992G	-28.14	2.49198G	-52.45	16.692124G	-52.69	1
2.443587G	4.45	-25.55	639.295M	-52.50	2.39968G	-30.06	2.48454G	-54.56	14.53157G	-53.46	2

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

2437MHz

17/10/2018

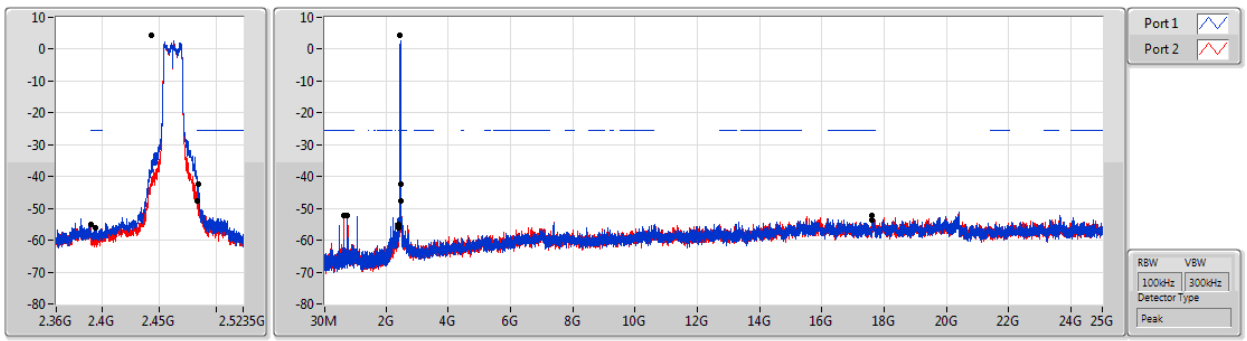


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.443587G	4.45	-25.55	2.186415G	-52.15	2.3968G	-51.22	2.48446G	-52.36	16.638742G	-52.26	1
2.443587G	4.45	-25.55	639.295M	-51.82	2.39888G	-51.54	2.4847G	-52.55	14.972671G	-53.18	2

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

2462MHz

17/10/2018

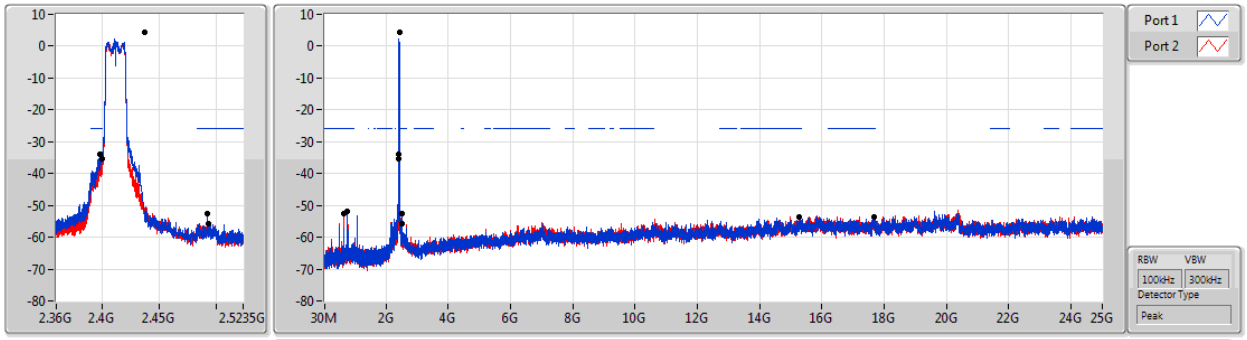


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.443587G	4.45	-25.55	749.97M	-52.19	2.39384G	-56.12	2.48422G	-42.23	17.61647G	-52.08	1
2.443587G	4.45	-25.55	639.295M	-52.14	2.39008G	-55.18	2.48358G	-47.77	17.61366G	-53.51	2

802.11n HT20_Nss1,(MCS0)_2TX CSE NdB

2412MHz

17/10/2018

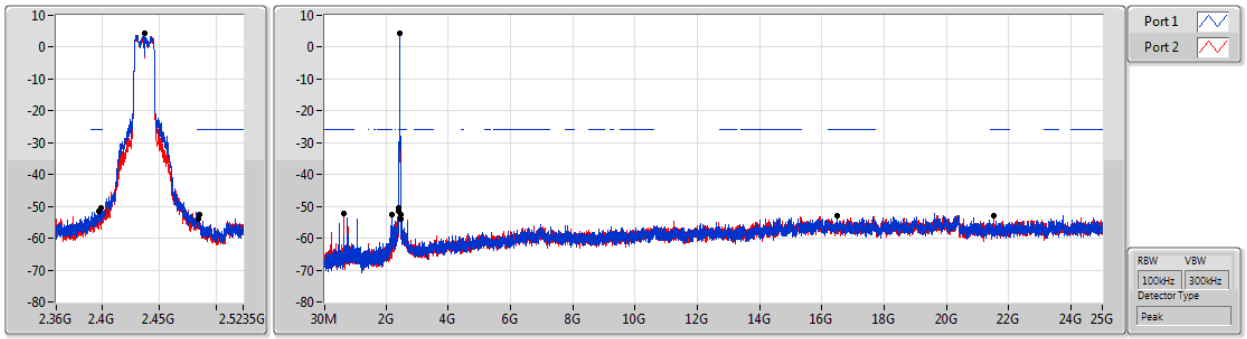


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.437575G	4.21	-25.79	749.97M	-52.02	2.39864G	-34.12	2.49198G	-52.69	17.664232G	-53.71	1
2.437575G	4.21	-25.79	639.295M	-52.57	2.39992G	-35.44	2.49286G	-55.85	15.270485G	-53.50	2

802.11n HT20_Nss1,(MCS0)_2TX CSE NdB

2437MHz

17/10/2018

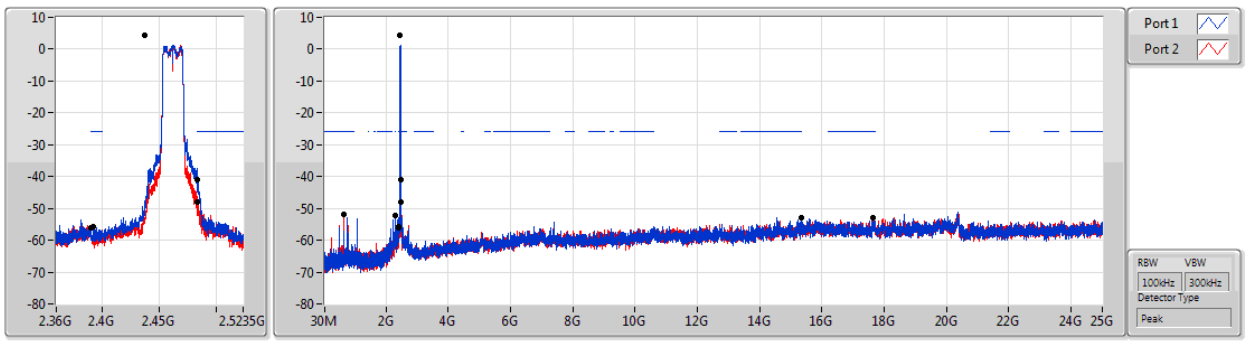


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.437575G	4.21	-25.79	2.188745G	-52.41	2.39896G	-50.56	2.48446G	-53.85	16.492645G	-52.85	1
2.437575G	4.21	-25.79	639.295M	-52.27	2.39704G	-51.36	2.48518G	-52.57	21.513333G	-52.88	2

802.11n HT20_Nss1,(MCS0)_2TX CSE NdB

2462MHz

17/10/2018

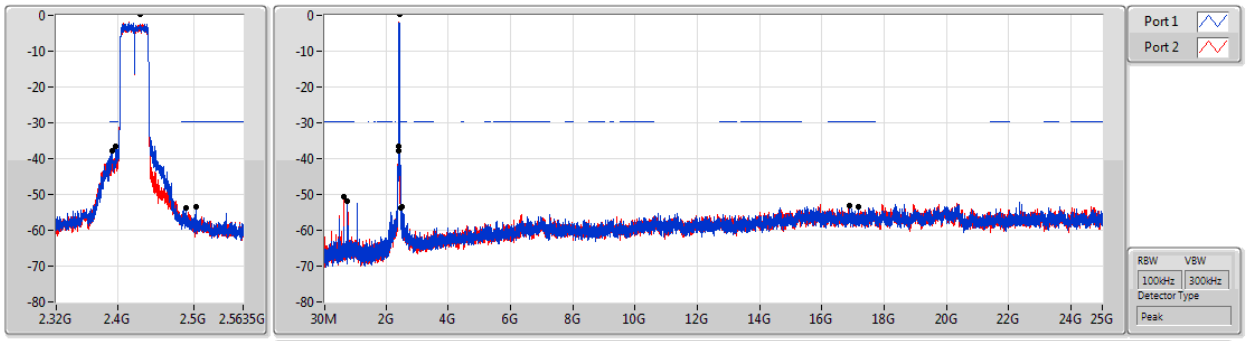


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.437575G	4.21	-25.79	2.302915G	-52.31	2.39192G	-55.76	2.48358G	-40.83	15.326676G	-52.85	1
2.437575G	4.21	-25.79	639.295M	-51.97	2.39064G	-56.01	2.48382G	-48.11	17.619279G	-53.09	2

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

2422MHz

17/10/2018

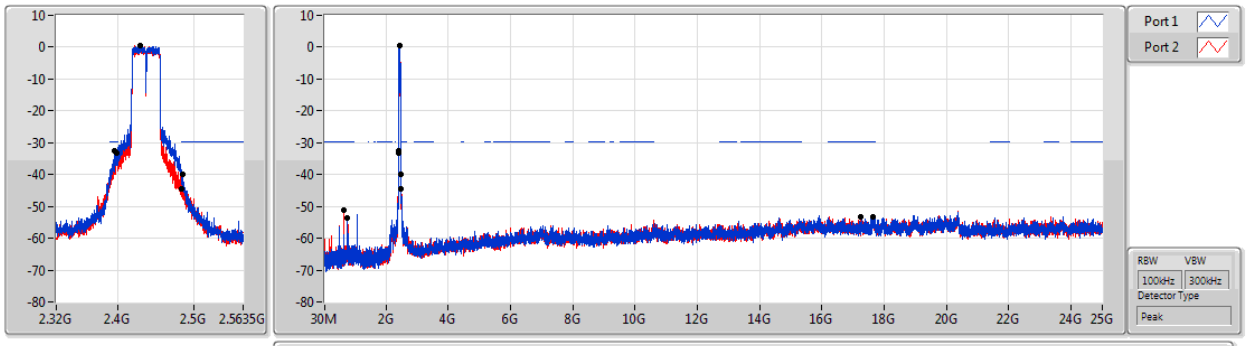


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.429058G	0.44	-29.56	750.205M	-51.94	2.39792G	-36.47	2.5019G	-53.34	17.164052G	-53.35	1
2.429058G	0.44	-29.56	640.285M	-50.52	2.3936G	-37.84	2.48926G	-53.80	16.863964G	-53.28	2

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

2437MHz

17/10/2018

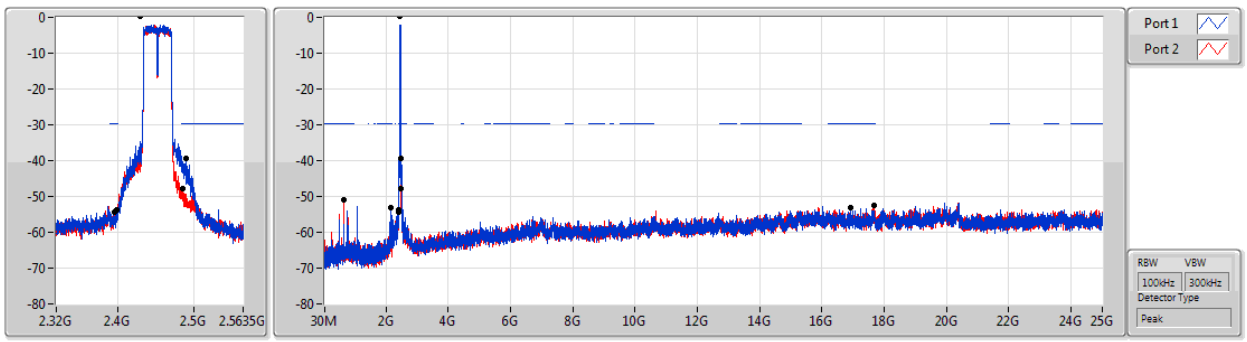


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.429058G	0.44	-29.56	750.205M	-53.48	2.39648G	-32.71	2.4843G	-39.84	17.62961G	-53.40	1
2.429058G	0.44	-29.56	640.285M	-51.09	2.39824G	-33.17	2.48366G	-44.46	17.225753G	-53.16	2

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

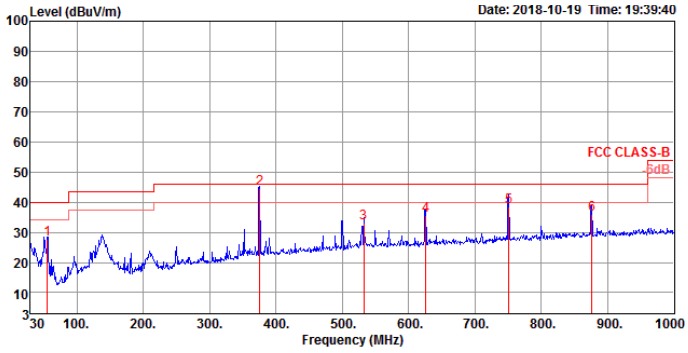
2452MHz

17/10/2018



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.429058G	0.44	-29.56	2.13222G	-53.24	2.39872G	-53.90	2.48846G	-39.49	16.911642G	-52.99	1
2.429058G	0.44	-29.56	640.285M	-50.92	2.39584G	-54.33	2.48542G	-47.89	17.668874G	-52.54	2

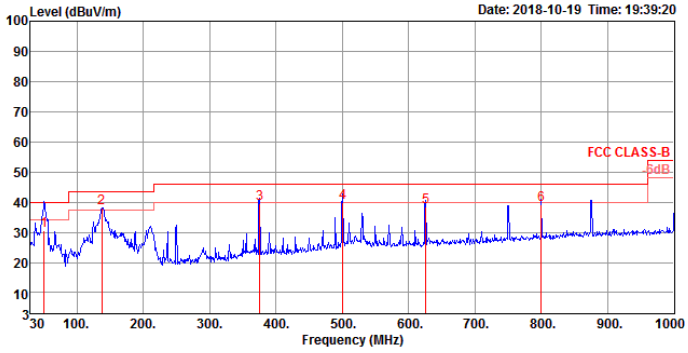
RSE below 1GHz Result			
Operating Mode	1	**Polarization**	Horizontal
Operating Function	Normal Link		



	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	55.22	27.58	40.00	-12.42	44.85	0.90	13.62	31.79	100	280	QP	HORIZONTAL
2	375.32	44.54	46.00	-1.46	52.44	2.33	21.88	32.11	100	181	QP	HORIZONTAL
3	532.46	32.92	46.00	-13.08	38.14	2.79	24.31	32.32	100	40	QP	HORIZONTAL
4	625.58	35.59	46.00	-10.41	39.81	3.01	25.21	32.44	125	2	QP	HORIZONTAL
5	750.71	38.51	46.00	-7.49	41.53	3.31	26.20	32.53	200	176	QP	HORIZONTAL
6	875.84	35.86	46.00	-10.14	37.22	3.60	27.50	32.46	100	20	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	50.37	30.46	40.00	-9.54	46.63	0.87	14.72	31.76	100	159	QP	VERTICAL
2	137.67	38.00	43.50	-5.50	50.54	1.42	17.93	31.89	100	139	QP	VERTICAL
3	375.32	39.40	46.00	-6.60	47.30	2.33	21.88	32.11	125	108	QP	VERTICAL
4	500.45	39.90	46.00	-6.10	45.62	2.71	23.83	32.26	100	6	QP	VERTICAL
5	625.58	38.44	46.00	-7.56	42.66	3.01	25.21	32.44	200	171	QP	VERTICAL
6	800.18	39.08	46.00	-6.92	41.45	3.43	26.70	32.50	125	111	QP	VERTICAL

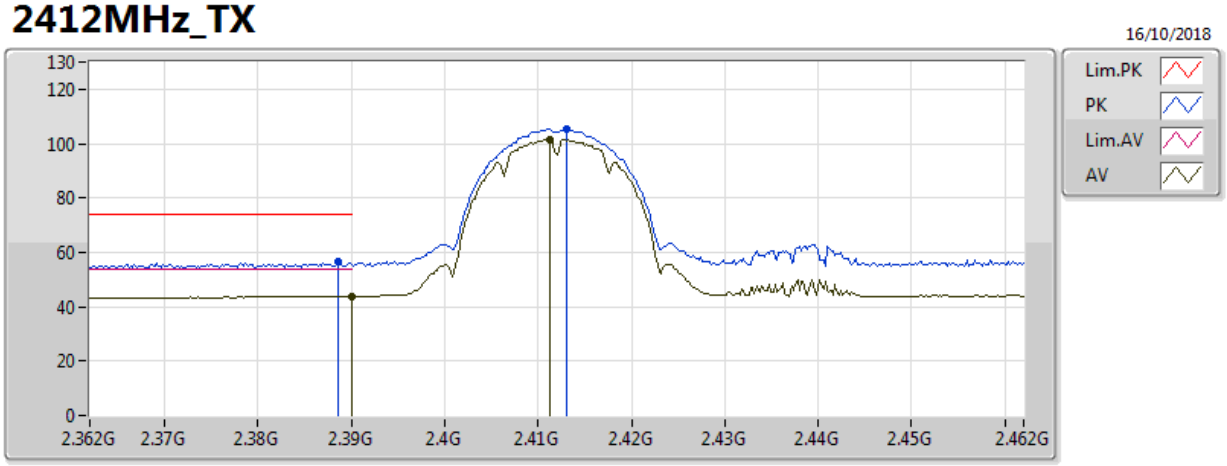
Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

For EUT 1:
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	PK	2.3898G	73.97	74.00	-0.03	32.14	3	Vertical	202	2.46	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

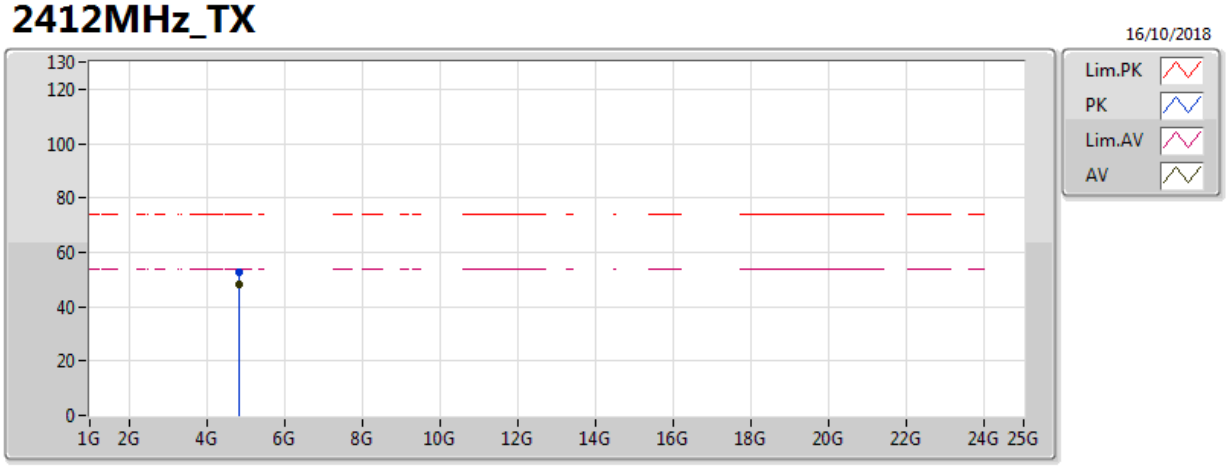


EUT Z_2TX_Dipole
Setting 38/38
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3886G	56.48	74.00	-17.52	32.13	3	Vertical	339	2.70
AV	2.389998G	43.72	54.00	-10.28	32.14	3	Vertical	339	2.70
PK	2.413G	105.43	Inf	-Inf	32.21	3	Vertical	339	2.70
AV	2.4112G	101.49	Inf	-Inf	32.20	3	Vertical	339	2.70

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

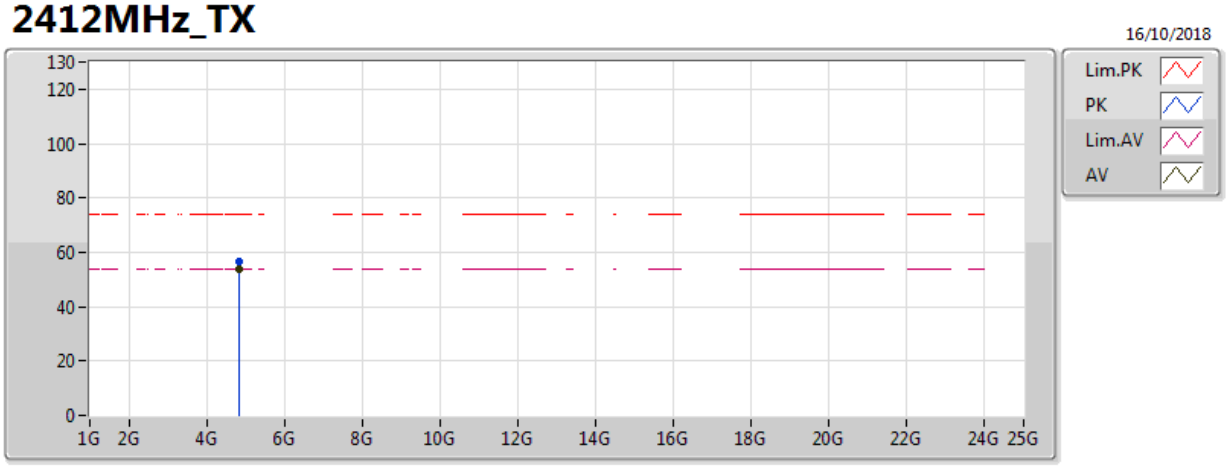


EUT Z_2TX_Dipole
Setting 38/38
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.82396G	52.91	74.00	-21.09	6.55	3	Vertical	35	2.56
AV	4.82396G	48.23	54.00	-5.77	6.55	3	Vertical	35	2.56

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

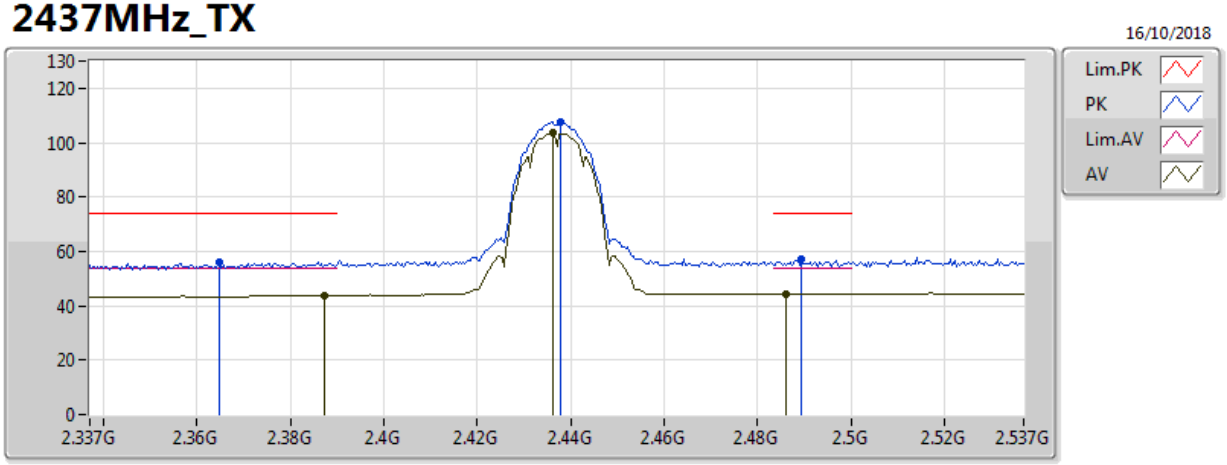


EUT Z_2TX_Dipole
Setting 38/38
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.82398G	56.42	74.00	-17.58	6.55	3	Horizontal	97	1.03
AV	4.82394G	53.85	54.00	-0.15	6.55	3	Horizontal	97	1.03

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

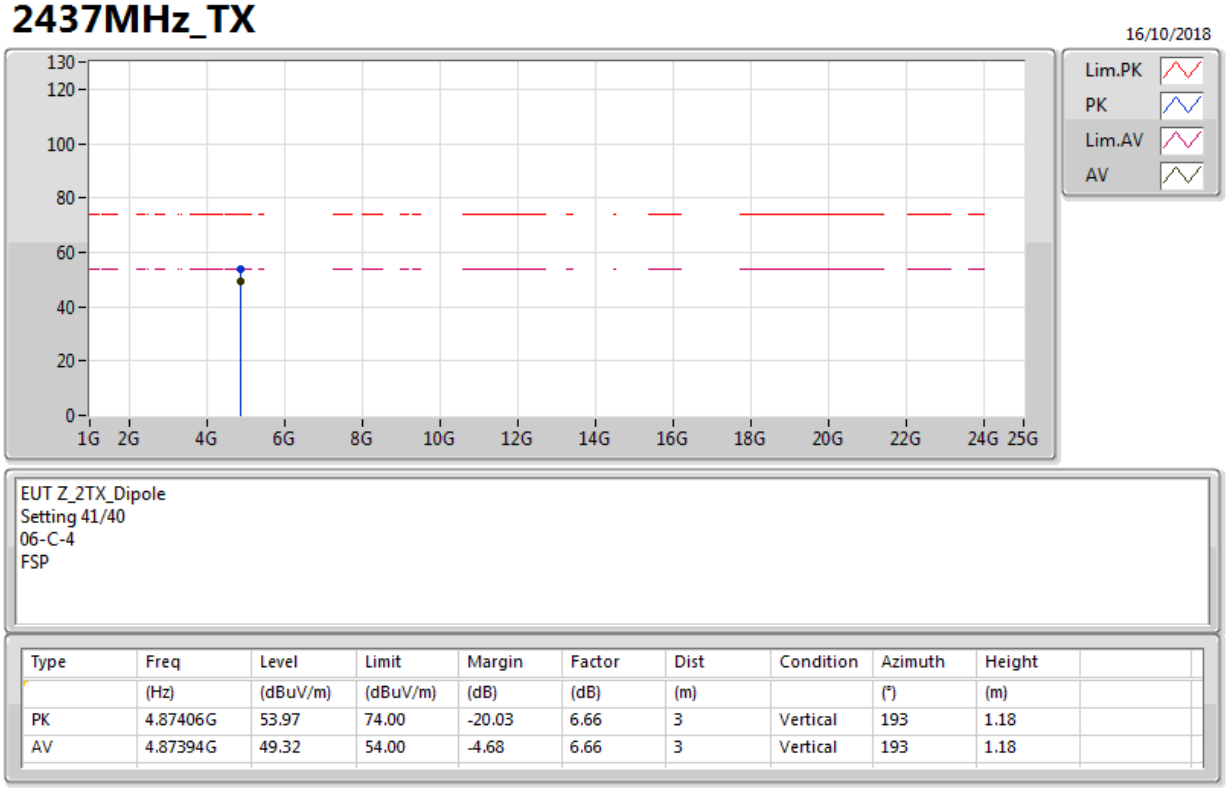


EUT Z_2TX_Dipole
Setting 41/40
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3646G	56.00	74.00	-18.00	32.07	3	Vertical	350	2.44
AV	2.3874G	43.81	54.00	-10.19	32.13	3	Vertical	350	2.44
PK	2.4378G	107.52	Inf	-Inf	32.29	3	Vertical	350	2.44
AV	2.4362G	103.60	Inf	-Inf	32.28	3	Vertical	350	2.44
PK	2.4894G	56.92	74.00	-17.08	32.45	3	Vertical	350	2.44
AV	2.4862G	44.33	54.00	-9.67	32.43	3	Vertical	350	2.44

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

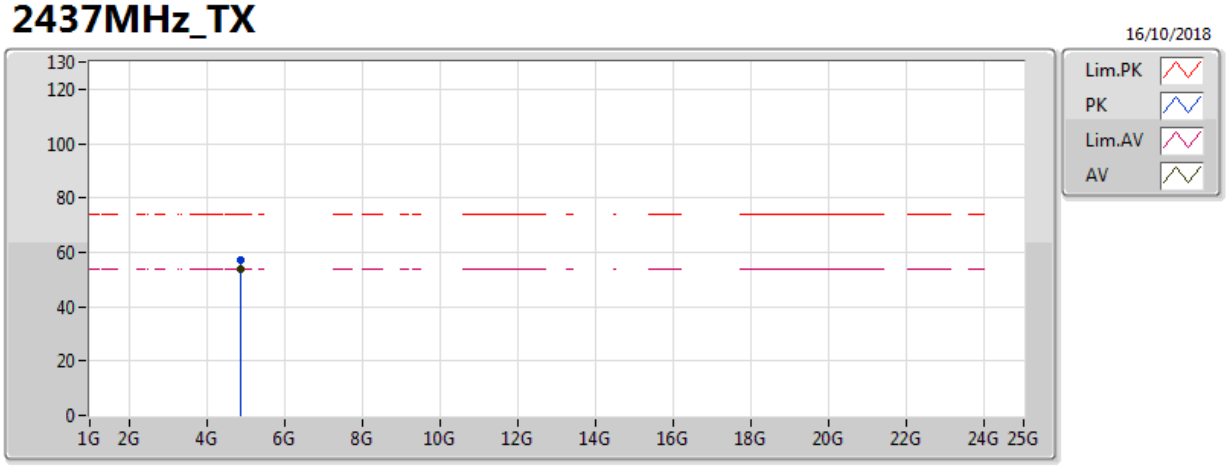


EUT Z_2TX_Dipole
Setting 41/40
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.87406G	53.97	74.00	-20.03	6.66	3	Vertical	193	1.18
AV	4.87394G	49.32	54.00	-4.68	6.66	3	Vertical	193	1.18

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

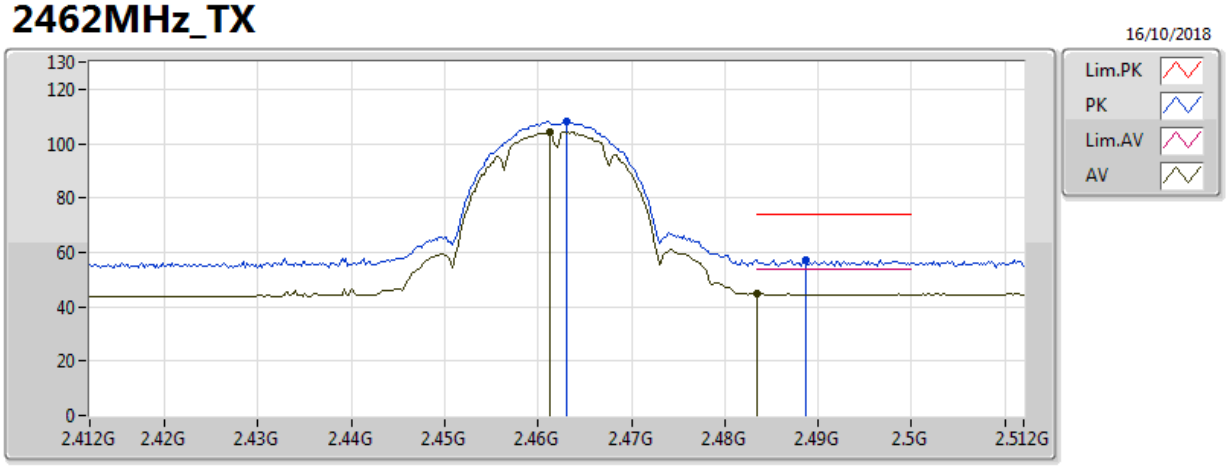


EUT Z_2TX_Dipole
Setting 41/40
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.87398G	56.95	74.00	-17.05	6.66	3	Horizontal	94	1.00
AV	4.87394G	53.71	54.00	-0.29	6.66	3	Horizontal	94	1.00

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

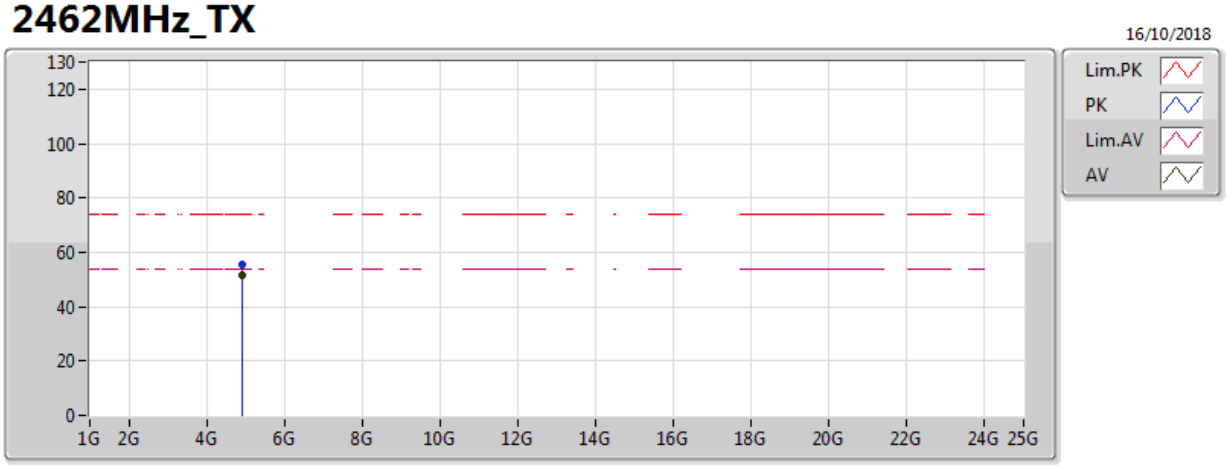


EUT Z_2TX_Dipole
Setting 42/42
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.463G	108.23	Inf	-Inf	32.36	3	Vertical	344	2.64
AV	2.4612G	104.11	Inf	-Inf	32.36	3	Vertical	344	2.64
PK	2.4886G	57.22	74.00	-16.78	32.44	3	Vertical	344	2.64
AV	2.483502G	44.70	54.00	-9.30	32.42	3	Vertical	344	2.64

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

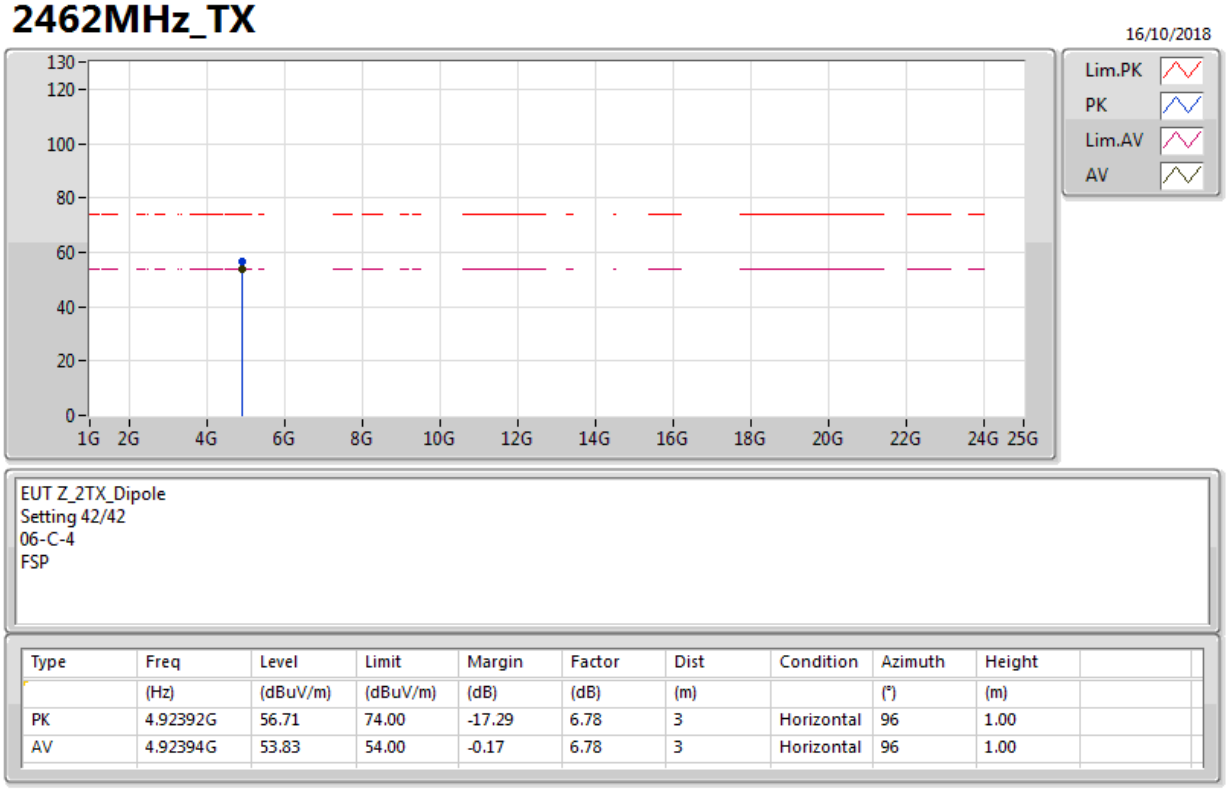


EUT Z_2TX_Dipole
Setting 42/42
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.92392G	55.34	74.00	-18.66	6.78	3	Vertical	148	1.14
AV	4.92396G	51.53	54.00	-2.47	6.78	3	Vertical	148	1.14

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

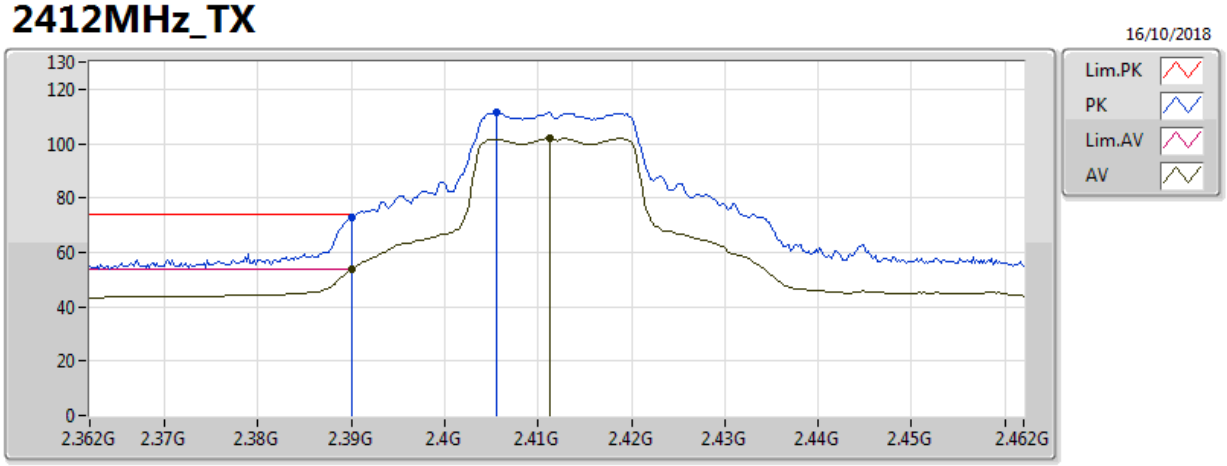


EUT Z_2TX_Dipole
Setting 42/42
06-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.92392G	56.71	74.00	-17.29	6.78	3	Horizontal	96	1.00
AV	4.92394G	53.83	54.00	-0.17	6.78	3	Horizontal	96	1.00

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

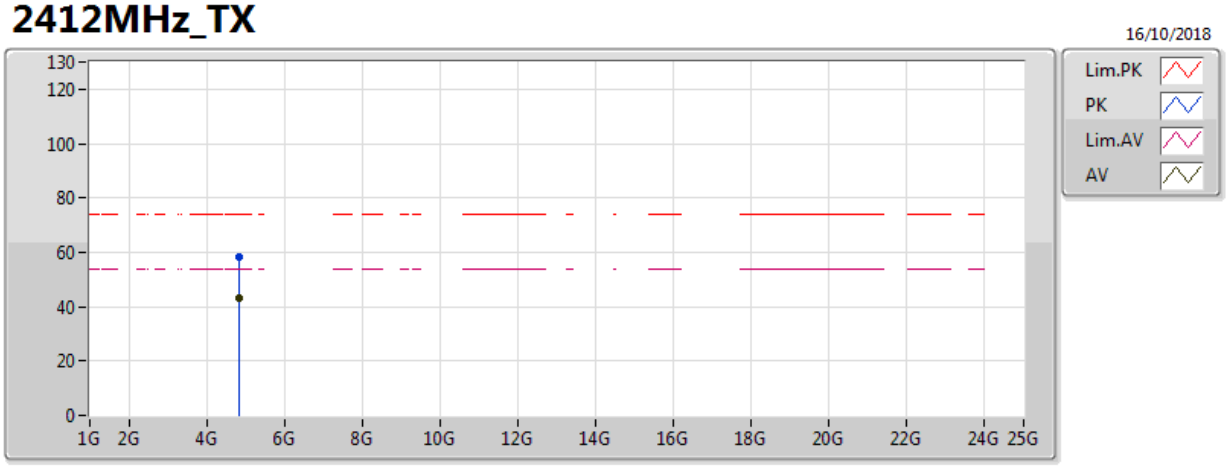


EUT Z_2TX_Dipole
Setting 49/49
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.389998G	72.69	74.00	-1.31	32.14	3	Vertical	200	2.74
AV	2.389998G	53.60	54.00	-0.40	32.14	3	Vertical	200	2.74
PK	2.4056G	111.59	Inf	-Inf	32.19	3	Vertical	200	2.74
AV	2.4112G	102.00	Inf	-Inf	32.20	3	Vertical	200	2.74

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

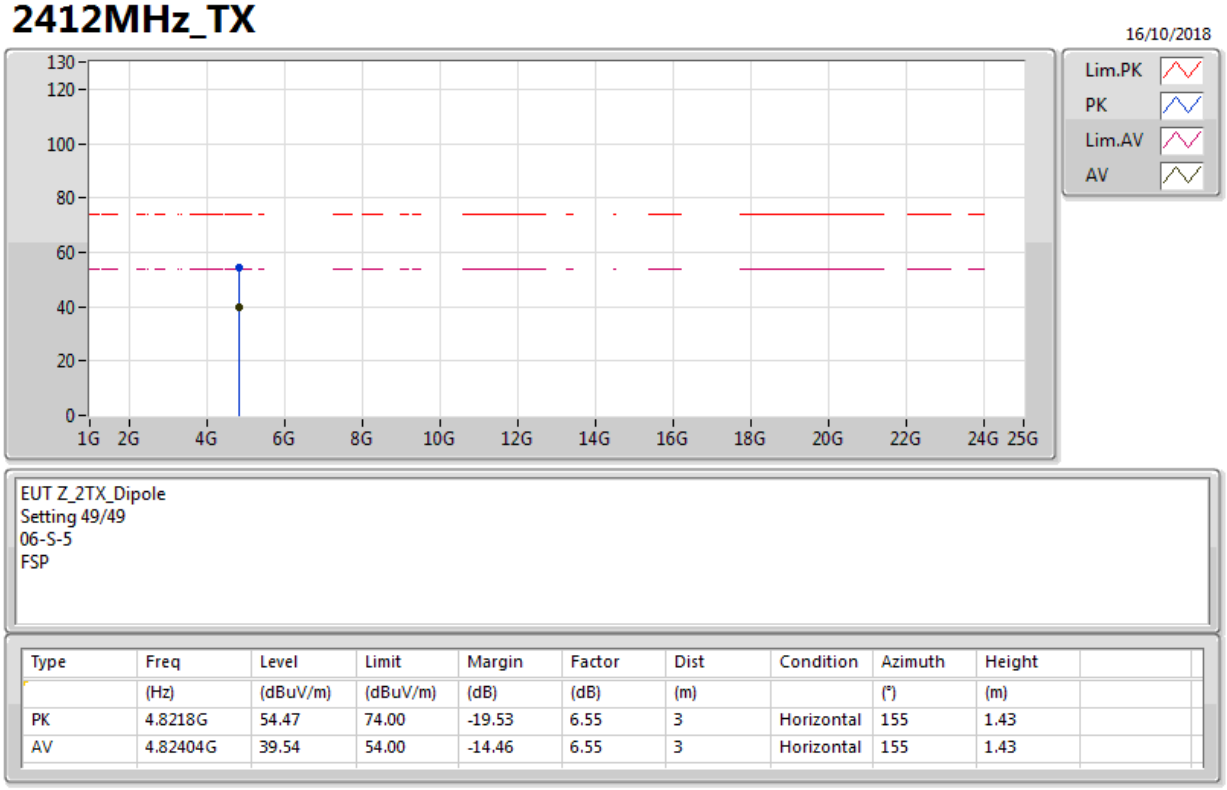


EUT Z_2TX_Dipole
Setting 49/49
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.82212G	58.39	74.00	-15.61	6.55	3	Vertical	39	2.56
AV	4.824G	43.14	54.00	-10.86	6.55	3	Vertical	39	2.56

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

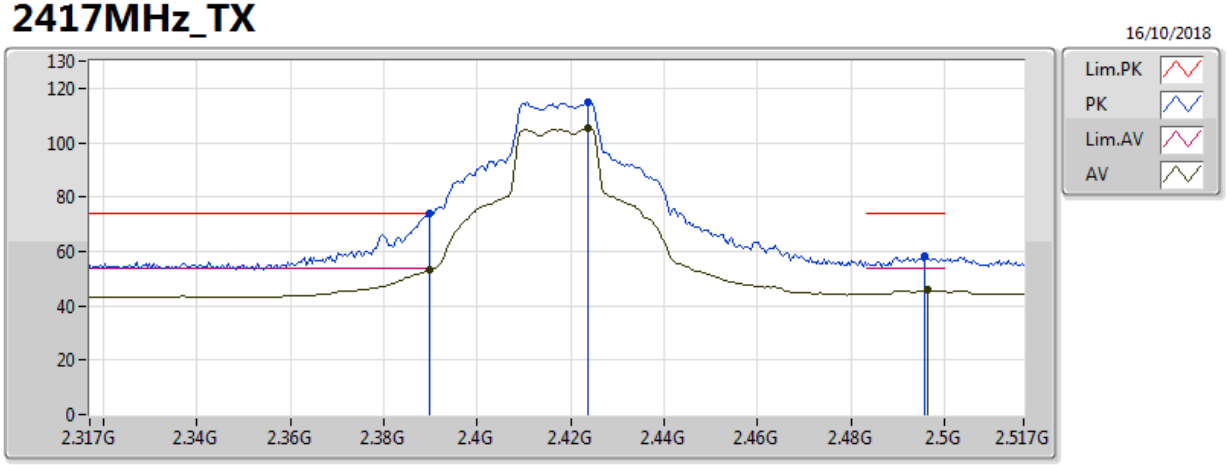


EUT Z_2TX_Dipole
Setting 49/49
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.8218G	54.47	74.00	-19.53	6.55	3	Horizontal	155	1.43
AV	4.82404G	39.54	54.00	-14.46	6.55	3	Horizontal	155	1.43

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

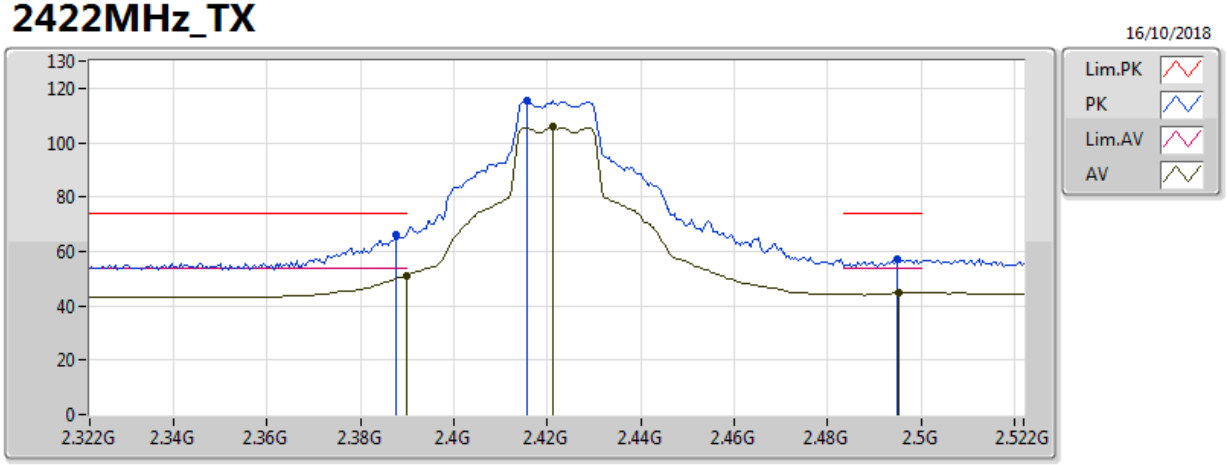


EUT Z_2TX_Dipole
Setting 58/57
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3898G	73.87	74.00	-0.13	32.14	3	Vertical	203	2.43
AV	2.3898G	53.14	54.00	-0.86	32.14	3	Vertical	203	2.43
PK	2.4238G	114.81	Inf	-Inf	32.24	3	Vertical	203	2.43
AV	2.4238G	105.24	Inf	-Inf	32.24	3	Vertical	203	2.43
PK	2.4958G	58.20	74.00	-15.80	32.46	3	Vertical	203	2.43
AV	2.4966G	45.69	54.00	-8.31	32.46	3	Vertical	203	2.43

802.11g_Nss1,(6Mbps)_2TX

2422MHz_TX

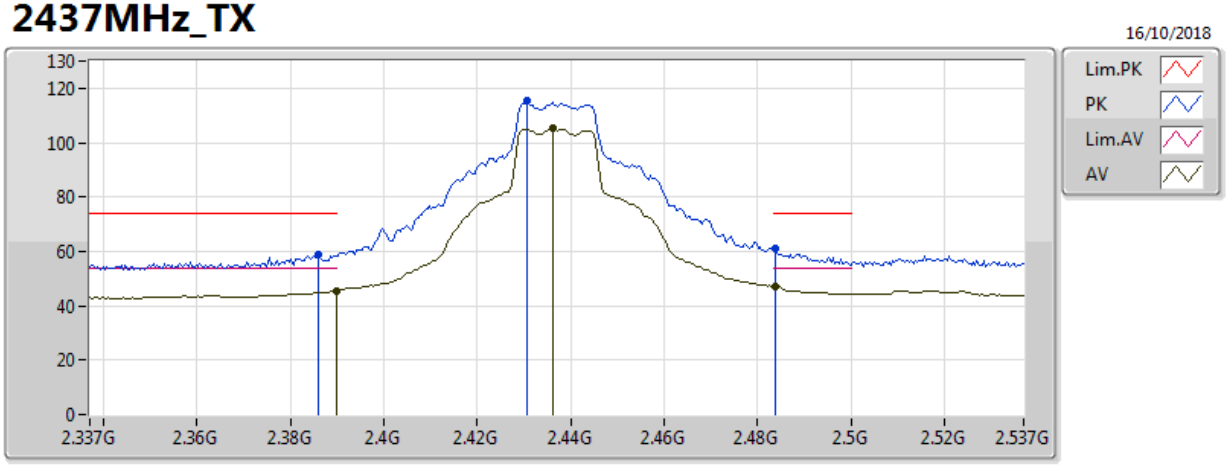


EUT Z_2TX_Dipole
Setting 59/58
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3876G	66.00	74.00	-8.00	32.13	3	Vertical	19	2.44
AV	2.389998G	51.06	54.00	-2.94	32.14	3	Vertical	19	2.44
PK	2.4156G	115.30	Inf	-Inf	32.22	3	Vertical	19	2.44
AV	2.4212G	105.86	Inf	-Inf	32.23	3	Vertical	19	2.44
PK	2.4948G	56.92	74.00	-17.08	32.46	3	Vertical	19	2.44
AV	2.4952G	44.92	54.00	-9.08	32.46	3	Vertical	19	2.44

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

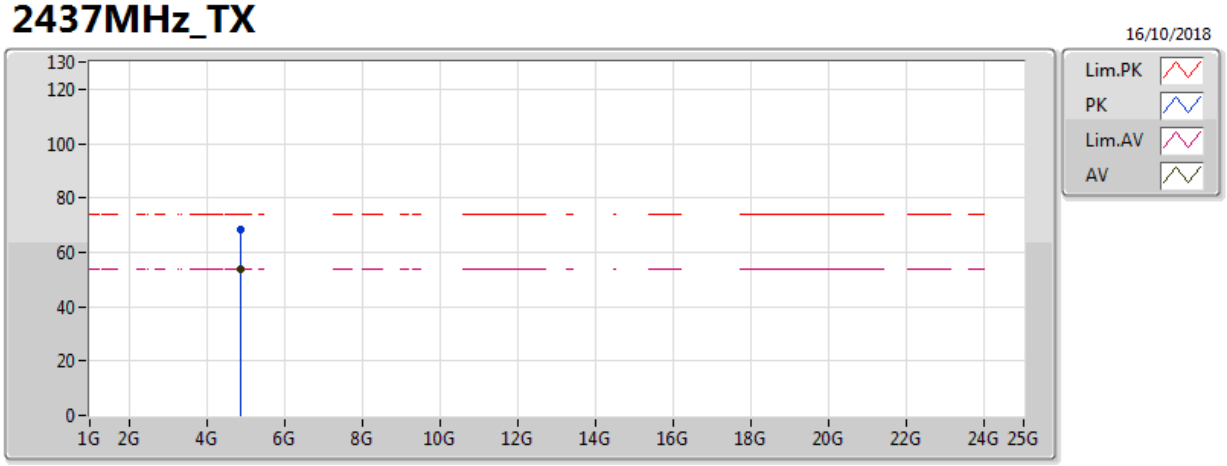


EUT Z_2TX_Dipole
Setting 59/58
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3858G	58.97	74.00	-15.03	32.13	3	Vertical	200	2.43
AV	2.3898G	45.60	54.00	-8.40	32.14	3	Vertical	200	2.43
PK	2.4306G	115.17	Inf	-Inf	32.26	3	Vertical	200	2.43
AV	2.4362G	105.37	Inf	-Inf	32.28	3	Vertical	200	2.43
PK	2.4838G	60.80	74.00	-13.20	32.42	3	Vertical	200	2.43
AV	2.4838G	47.28	54.00	-6.72	32.42	3	Vertical	200	2.43

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

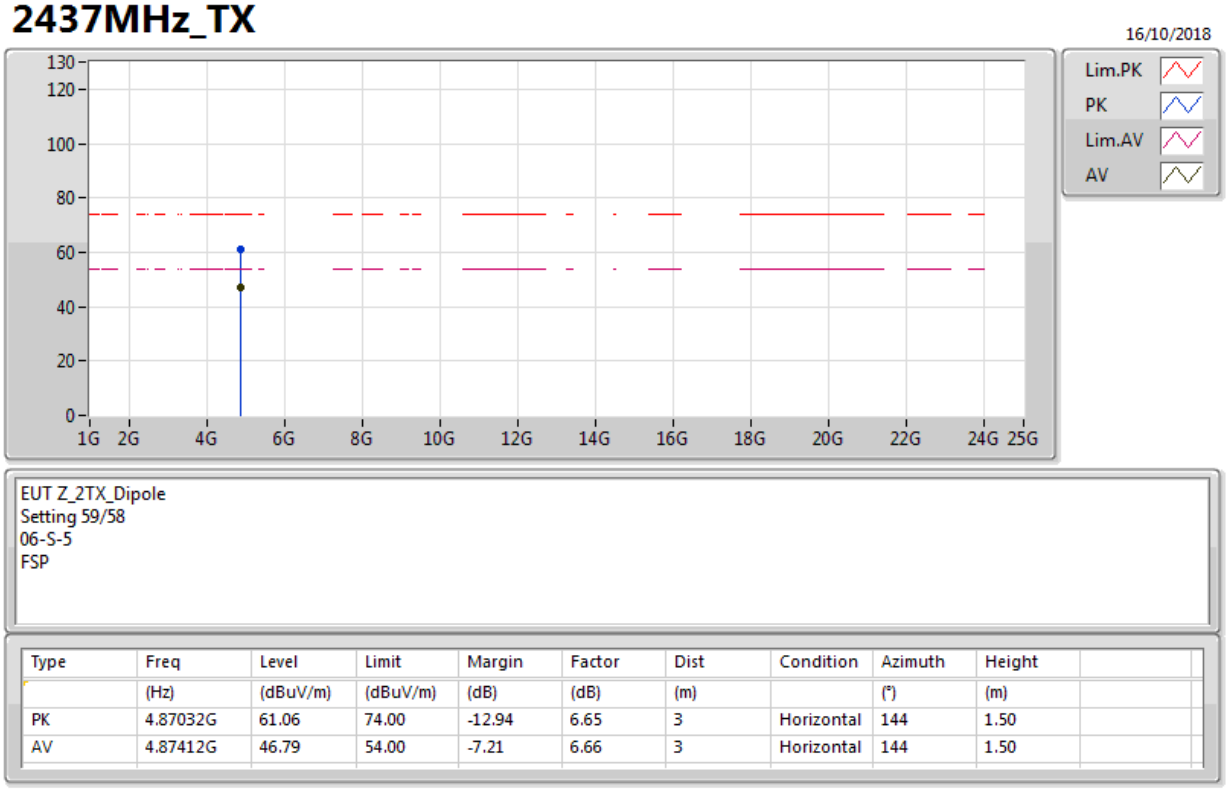


EUT Z_2TX_Dipole
Setting 59/58
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.8702G	68.62	74.00	-5.38	6.65	3	Vertical	159	2.52
AV	4.87408G	53.94	54.00	-0.06	6.66	3	Vertical	159	2.52

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

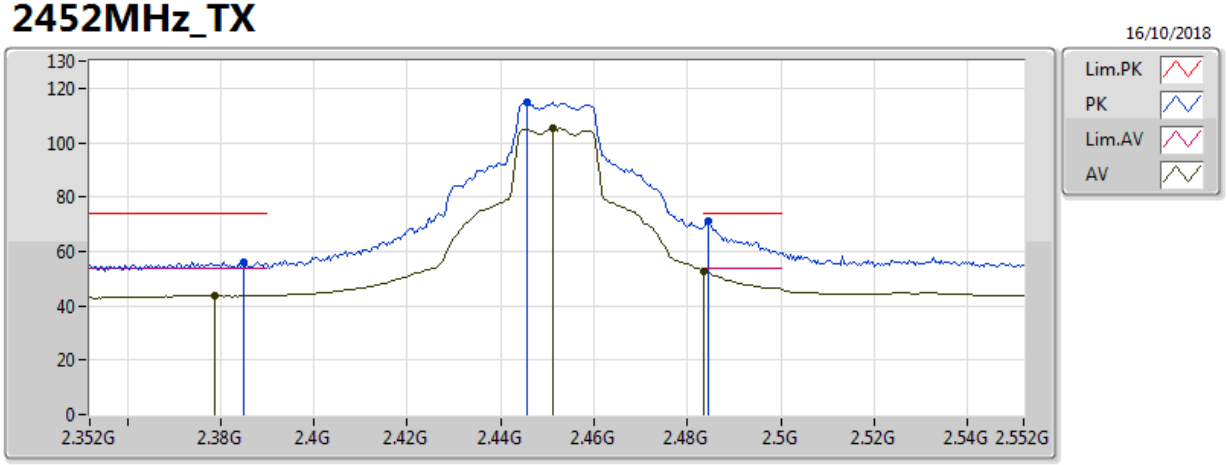


EUT Z_2TX_Dipole
Setting 59/58
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.87032G	61.06	74.00	-12.94	6.65	3	Horizontal	144	1.50
AV	4.87412G	46.79	54.00	-7.21	6.66	3	Horizontal	144	1.50

802.11g_Nss1,(6Mbps)_2TX

2452MHz_TX

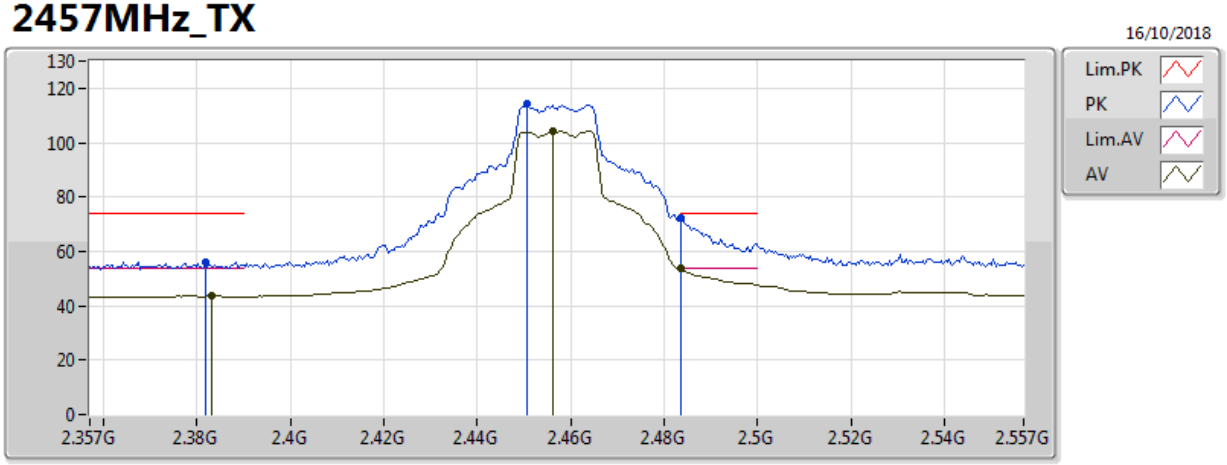


EUT Z_2TX_Dipole
Setting 59/58
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3848G	56.17	74.00	-17.83	32.13	3	Vertical	19	1.43
AV	2.3788G	43.89	54.00	-10.11	32.11	3	Vertical	19	1.43
PK	2.4456G	115.07	Inf	-Inf	32.31	3	Vertical	19	1.43
AV	2.4512G	105.38	Inf	-Inf	32.33	3	Vertical	19	1.43
PK	2.4844G	71.09	74.00	-2.91	32.43	3	Vertical	19	1.43
AV	2.483502G	52.78	54.00	-1.22	32.42	3	Vertical	19	1.43

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

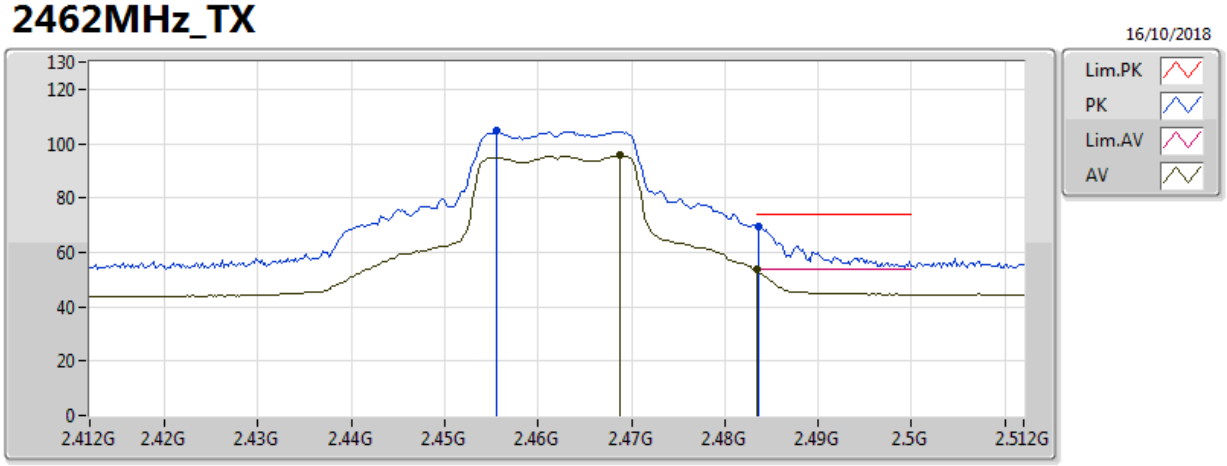


EUT Z_2TX_Dipole
Setting 55/54
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3818G	55.89	74.00	-18.11	32.12	3	Vertical	346	2.93
AV	2.383G	43.60	54.00	-10.40	32.12	3	Vertical	346	2.93
PK	2.4506G	114.15	Inf	-Inf	32.32	3	Vertical	346	2.93
AV	2.4562G	104.41	Inf	-Inf	32.34	3	Vertical	346	2.93
PK	2.483502G	72.10	74.00	-1.90	32.42	3	Vertical	346	2.93
AV	2.483502G	53.78	54.00	-0.22	32.42	3	Vertical	346	2.93

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

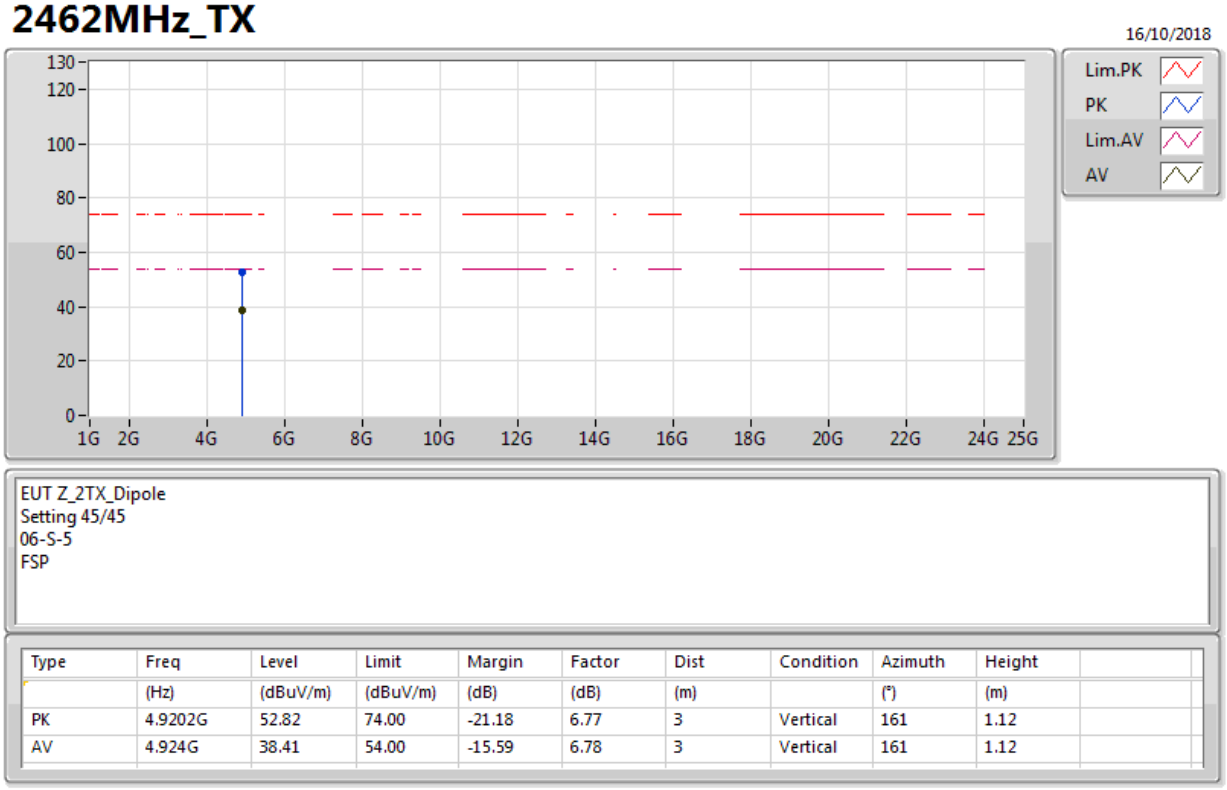


EUT Z_2TX_Dipole
Setting 45/45
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.4556G	104.53	Inf	-Inf	32.34	3	Vertical	180	2.01
AV	2.4688G	95.85	Inf	-Inf	32.38	3	Vertical	180	2.01
PK	2.4836G	69.60	74.00	-4.40	32.42	3	Vertical	180	2.01
AV	2.483502G	53.60	54.00	-0.40	32.42	3	Vertical	180	2.01

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

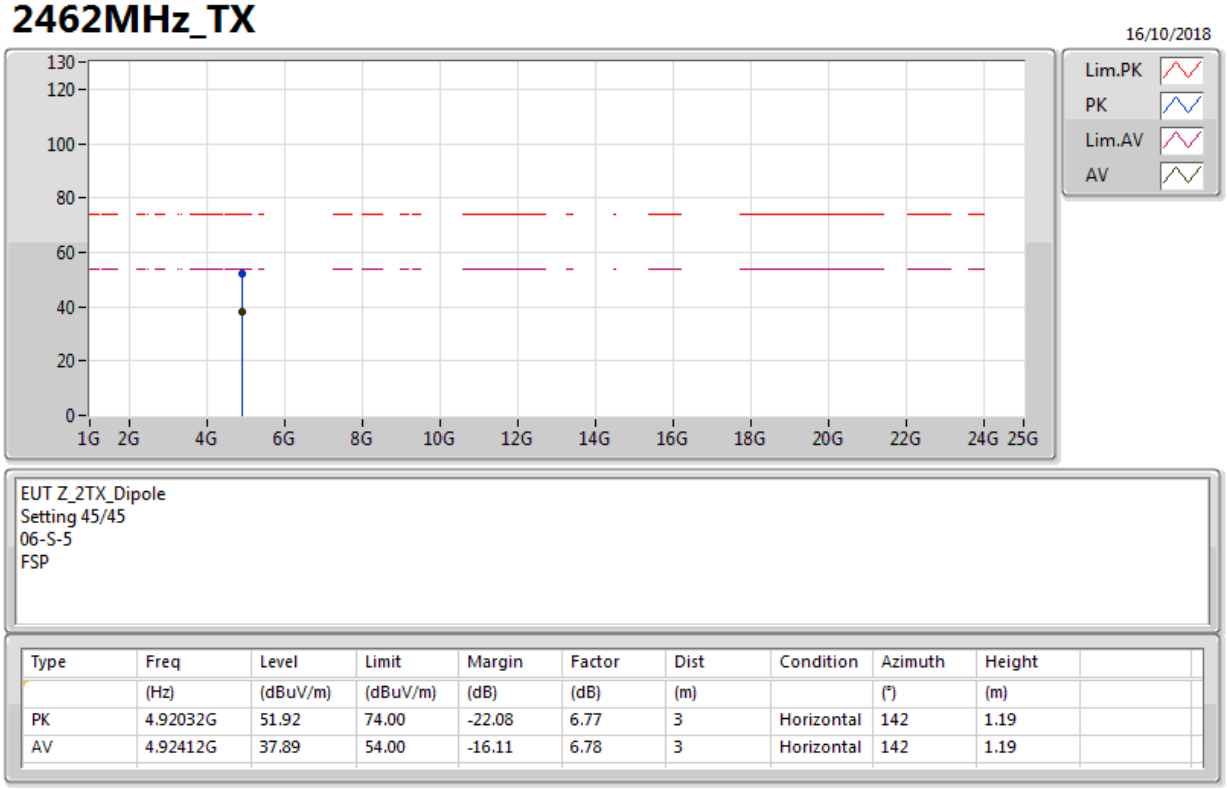


EUT Z_2TX_Dipole
Setting 45/45
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.9202G	52.82	74.00	-21.18	6.77	3	Vertical	161	1.12
AV	4.924G	38.41	54.00	-15.59	6.78	3	Vertical	161	1.12

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

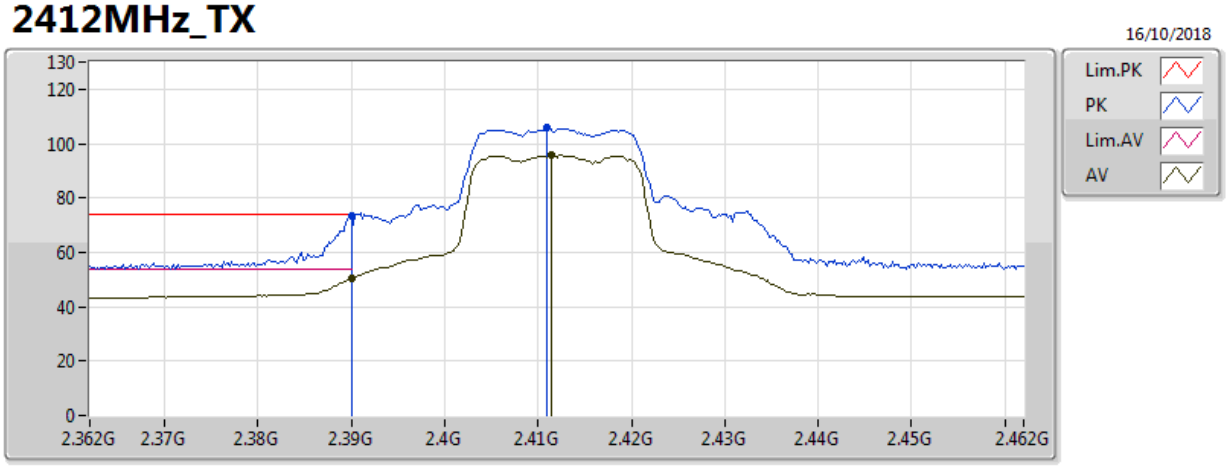


EUT Z_2TX_Dipole
Setting 45/45
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.92032G	51.92	74.00	-22.08	6.77	3	Horizontal	142	1.19
AV	4.92412G	37.89	54.00	-16.11	6.78	3	Horizontal	142	1.19

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

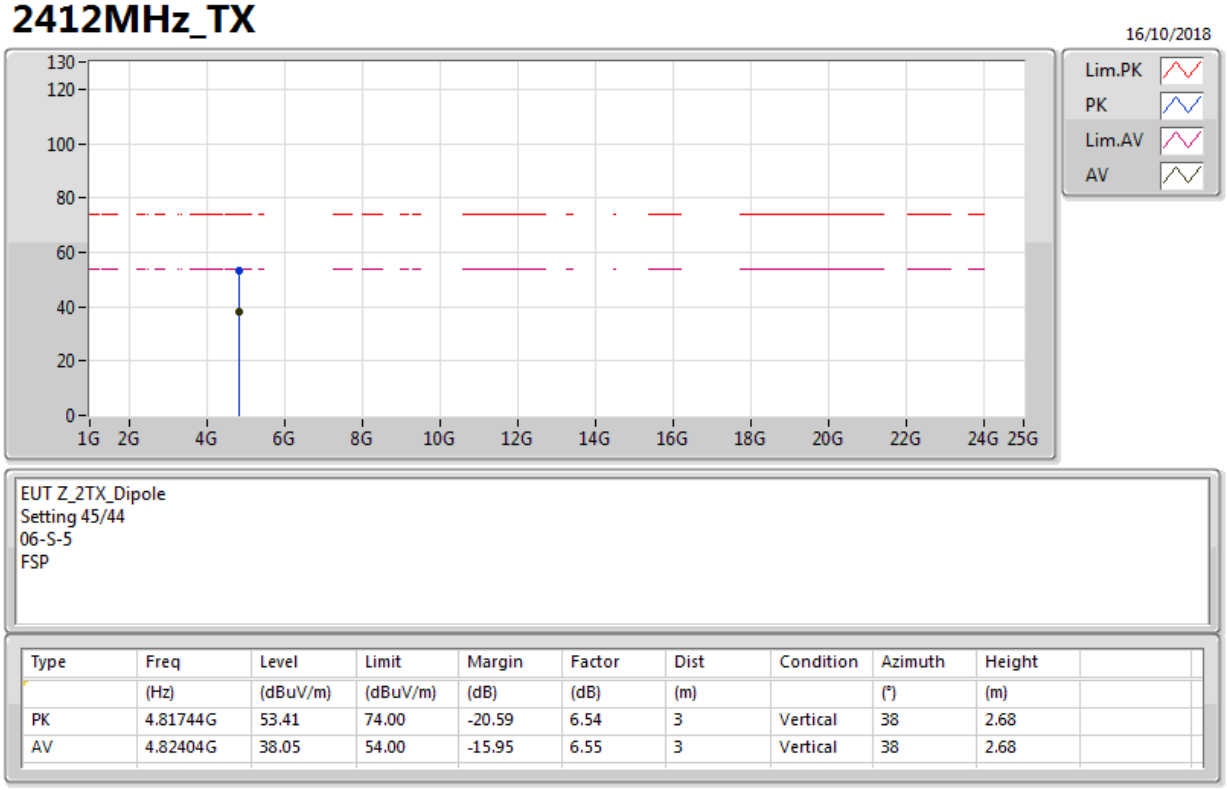


EUT Z_2TX_Dipole
Setting 45/44
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.389998G	73.56	74.00	-0.44	32.14	3	Vertical	185	2.01
AV	2.389998G	50.33	54.00	-3.67	32.14	3	Vertical	185	2.01
PK	2.411G	105.83	Inf	-Inf	32.20	3	Vertical	185	2.01
AV	2.4114G	95.93	Inf	-Inf	32.20	3	Vertical	185	2.01

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

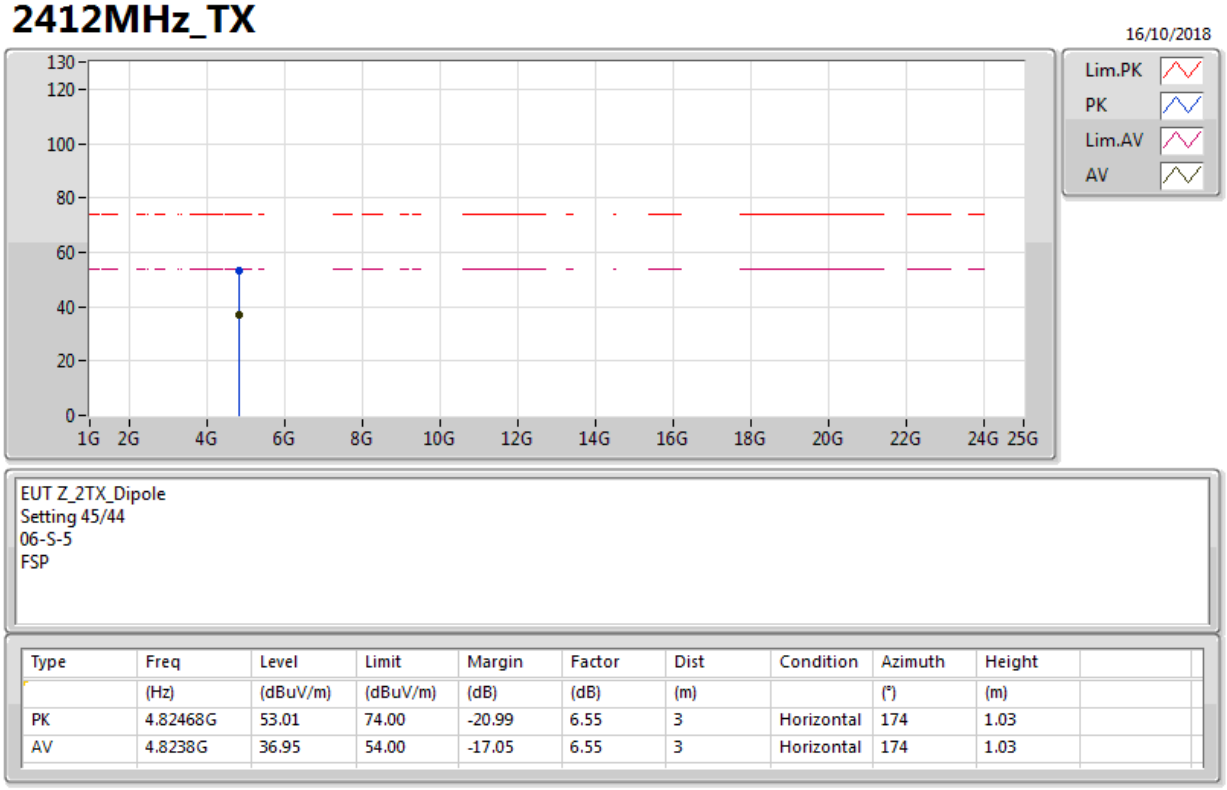


EUT Z_2TX_Dipole
Setting 45/44
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.81744G	53.41	74.00	-20.59	6.54	3	Vertical	38	2.68
AV	4.82404G	38.05	54.00	-15.95	6.55	3	Vertical	38	2.68

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

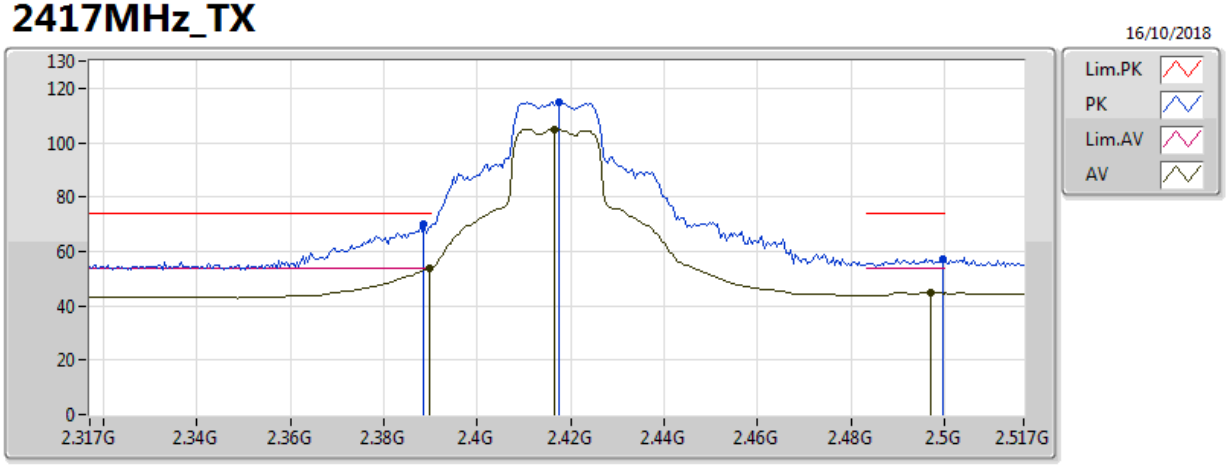


EUT Z_2TX_Dipole
Setting 45/44
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.82468G	53.01	74.00	-20.99	6.55	3	Horizontal	174	1.03
AV	4.8238G	36.95	54.00	-17.05	6.55	3	Horizontal	174	1.03

802.11n HT20_Nss1,(MCS0)_2TX

2417MHz_TX

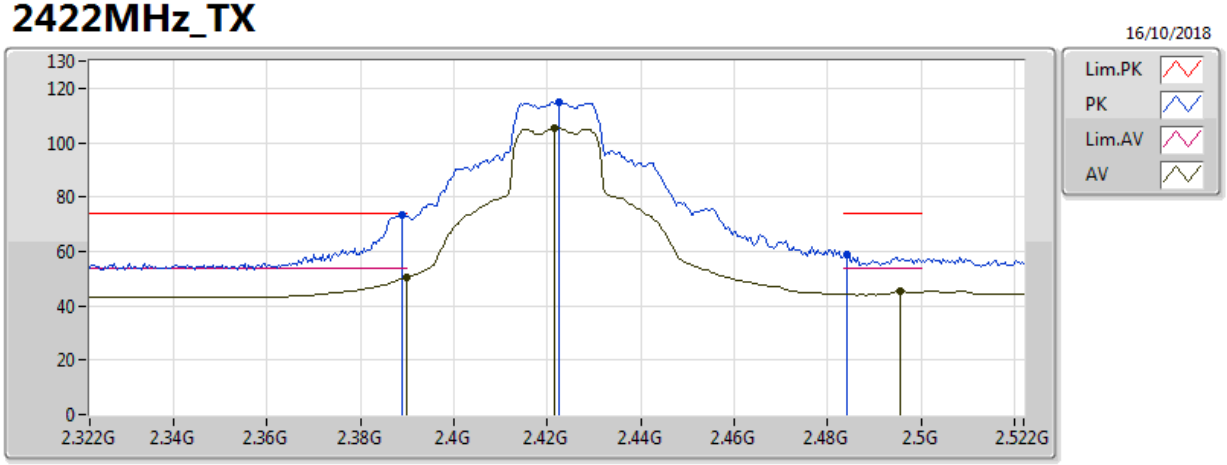


EUT Z_2TX_Dipole
Setting 58/57
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3886G	69.85	74.00	-4.15	32.13	3	Vertical	17	2.47
AV	2.3898G	53.75	54.00	-0.25	32.14	3	Vertical	17	2.47
PK	2.4174G	114.82	Inf	-Inf	32.22	3	Vertical	17	2.47
AV	2.4166G	105.03	Inf	-Inf	32.22	3	Vertical	17	2.47
PK	2.4998G	57.41	74.00	-16.59	32.47	3	Vertical	17	2.47
AV	2.497G	44.88	54.00	-9.12	32.46	3	Vertical	17	2.47

802.11n HT20_Nss1,(MCS0)_2TX

2422MHz_TX

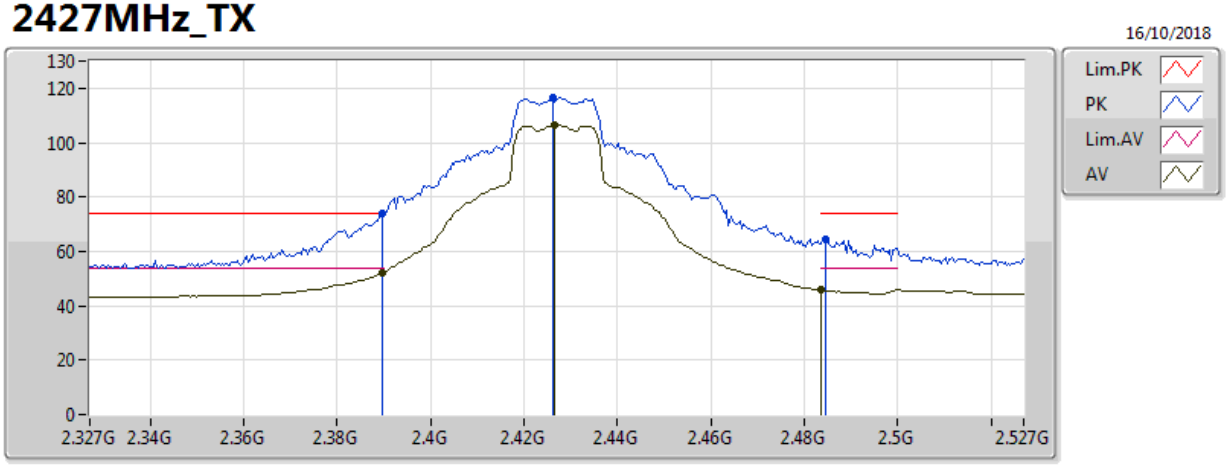


EUT Z_2TX_Dipole
Setting 59/58
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3888G	73.65	74.00	-0.35	32.13	3	Vertical	342	2.42
AV	2.389998G	50.39	54.00	-3.61	32.14	3	Vertical	342	2.42
PK	2.4224G	115.09	Inf	-Inf	32.24	3	Vertical	342	2.42
AV	2.4216G	105.23	Inf	-Inf	32.24	3	Vertical	342	2.42
PK	2.484G	58.90	74.00	-15.10	32.42	3	Vertical	342	2.42
AV	2.4956G	45.29	54.00	-8.71	32.46	3	Vertical	342	2.42

802.11n HT20_Nss1,(MCS0)_2TX

2427MHz_TX

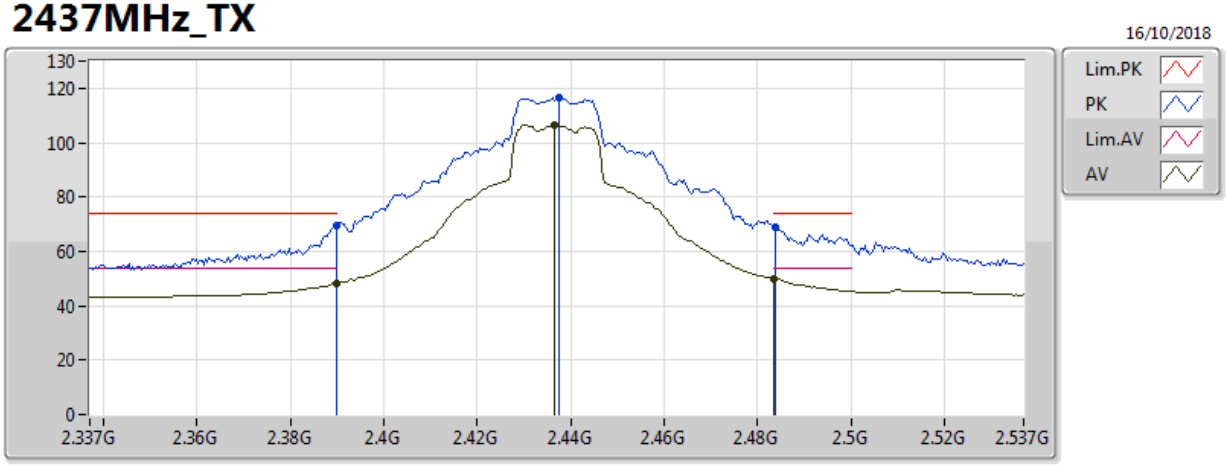


EUT Z_2TX_Dipole
Setting 63/62
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3898G	73.97	74.00	-0.03	32.14	3	Vertical	202	2.46
AV	2.3898G	52.14	54.00	-1.86	32.14	3	Vertical	202	2.46
PK	2.4262G	116.60	Inf	-Inf	32.25	3	Vertical	202	2.46
AV	2.4266G	106.53	Inf	-Inf	32.25	3	Vertical	202	2.46
PK	2.4846G	64.50	74.00	-9.50	32.43	3	Vertical	202	2.46
AV	2.483502G	45.91	54.00	-8.09	32.42	3	Vertical	202	2.46

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

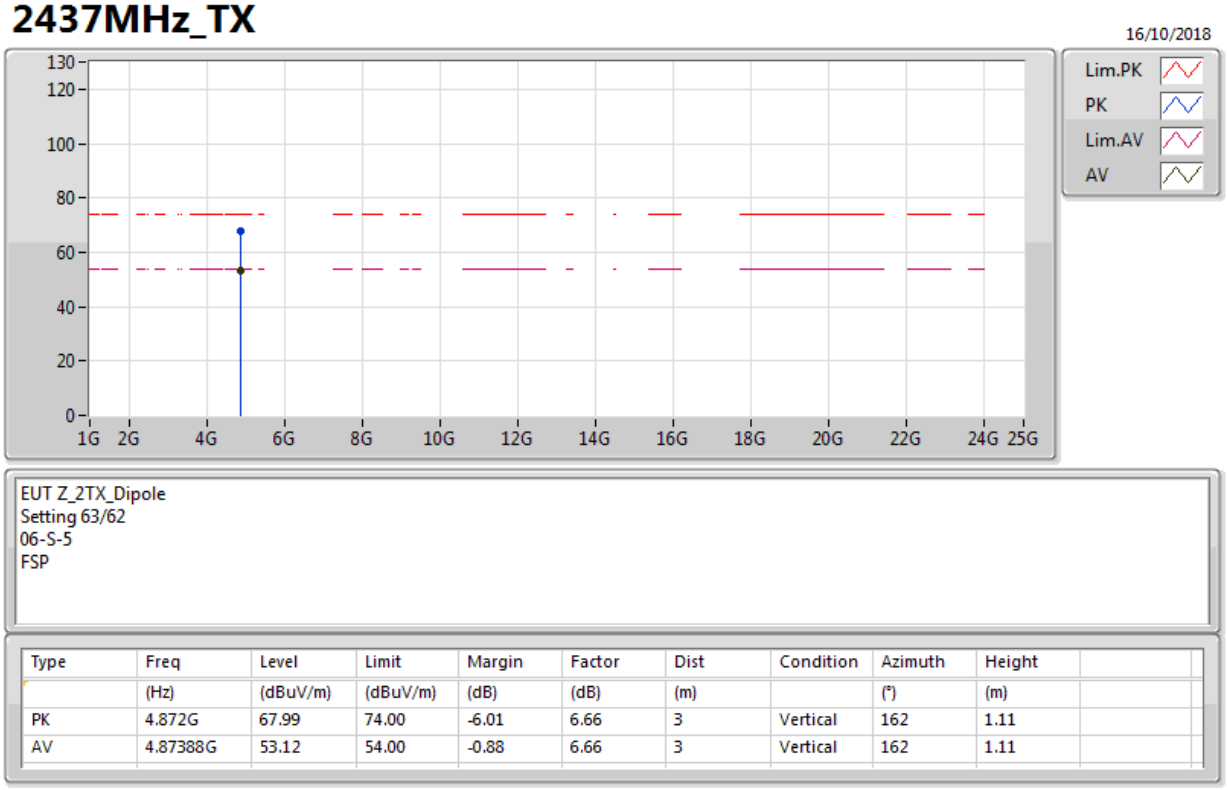


EUT Z_2TX_Dipole
Setting 63/62
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3898G	69.70	74.00	-4.30	32.14	3	Vertical	203	2.43
AV	2.3898G	48.14	54.00	-5.86	32.14	3	Vertical	203	2.43
PK	2.4374G	116.59	Inf	-Inf	32.28	3	Vertical	203	2.43
AV	2.4366G	106.47	Inf	-Inf	32.28	3	Vertical	203	2.43
PK	2.4838G	68.95	74.00	-5.05	32.42	3	Vertical	203	2.43
AV	2.483502G	50.03	54.00	-3.97	32.42	3	Vertical	203	2.43

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

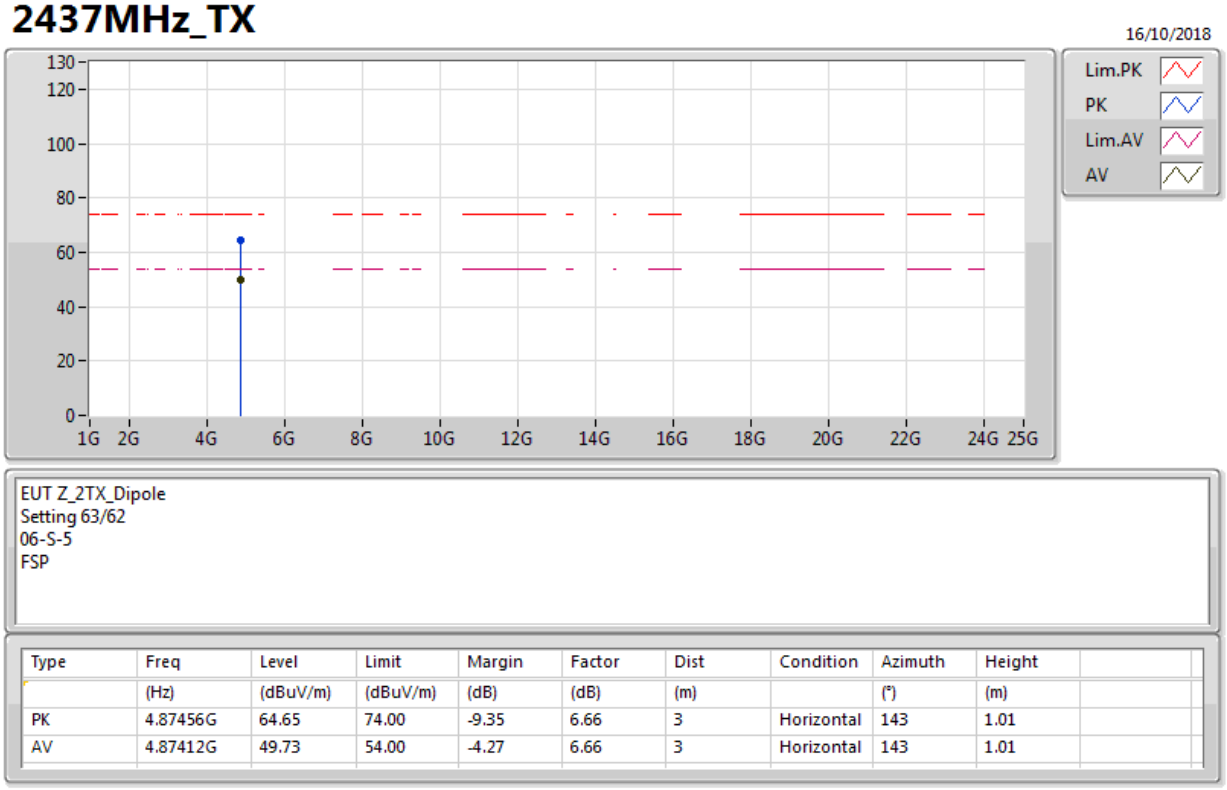


EUT Z_2TX_Dipole
Setting 63/62
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.872G	67.99	74.00	-6.01	6.66	3	Vertical	162	1.11
AV	4.87388G	53.12	54.00	-0.88	6.66	3	Vertical	162	1.11

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

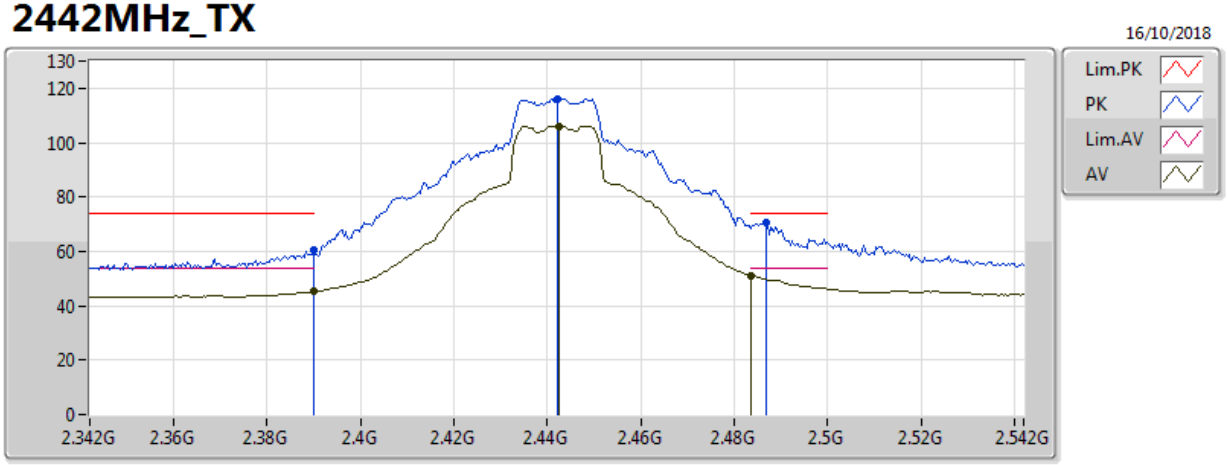


EUT Z_2TX_Dipole
Setting 63/62
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.87456G	64.65	74.00	-9.35	6.66	3	Horizontal	143	1.01
AV	4.87412G	49.73	54.00	-4.27	6.66	3	Horizontal	143	1.01

802.11n HT20_Nss1,(MCS0)_2TX

2442MHz_TX

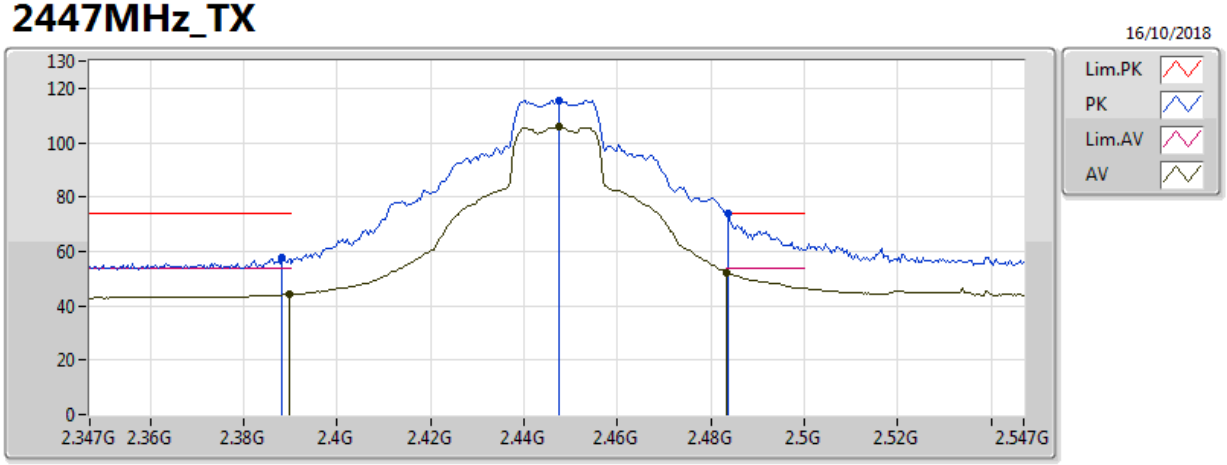


EUT Z_2TX_Dipole
Setting 63/62
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.389998G	60.32	74.00	-13.68	32.14	3	Vertical	345	2.96
AV	2.389998G	45.13	54.00	-8.87	32.14	3	Vertical	345	2.96
PK	2.442G	116.26	Inf	-Inf	32.30	3	Vertical	345	2.96
AV	2.4424G	106.16	Inf	-Inf	32.30	3	Vertical	345	2.96
PK	2.4868G	70.62	74.00	-3.38	32.43	3	Vertical	345	2.96
AV	2.483502G	51.24	54.00	-2.76	32.42	3	Vertical	345	2.96

802.11n HT20_Nss1,(MCS0)_2TX

2447MHz_TX

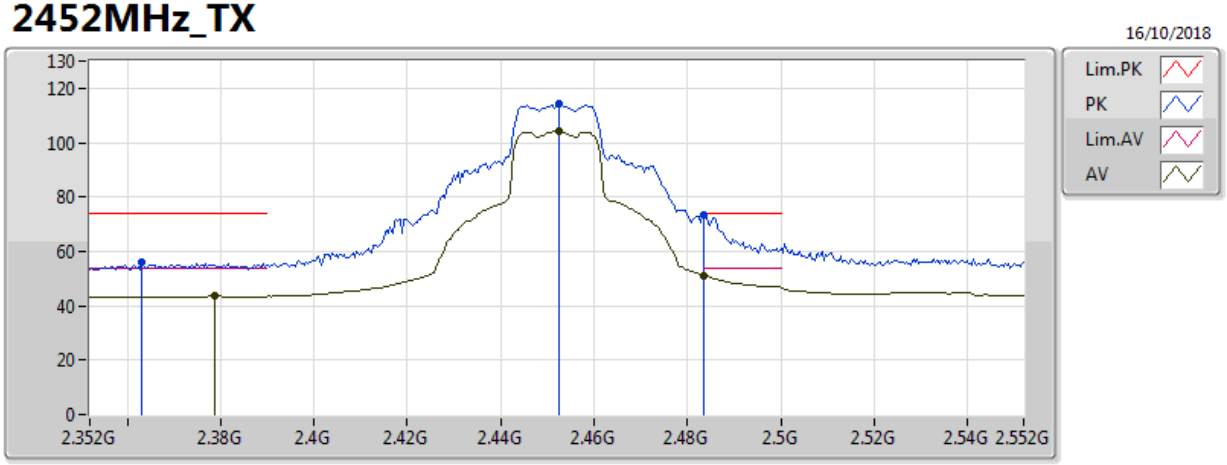


EUT Z_2TX_Dipole
Setting 61/60
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3882G	57.87	74.00	-16.13	32.13	3	Vertical	345	2.97
AV	2.3898G	44.15	54.00	-9.85	32.14	3	Vertical	345	2.97
PK	2.4474G	115.67	Inf	-Inf	32.31	3	Vertical	345	2.97
AV	2.4474G	105.64	Inf	-Inf	32.31	3	Vertical	345	2.97
PK	2.4838G	73.78	74.00	-0.22	32.43	3	Vertical	345	2.97
AV	2.483502G	52.25	54.00	-1.75	32.42	3	Vertical	345	2.97

802.11n HT20_Nss1,(MCS0)_2TX

2452MHz_TX

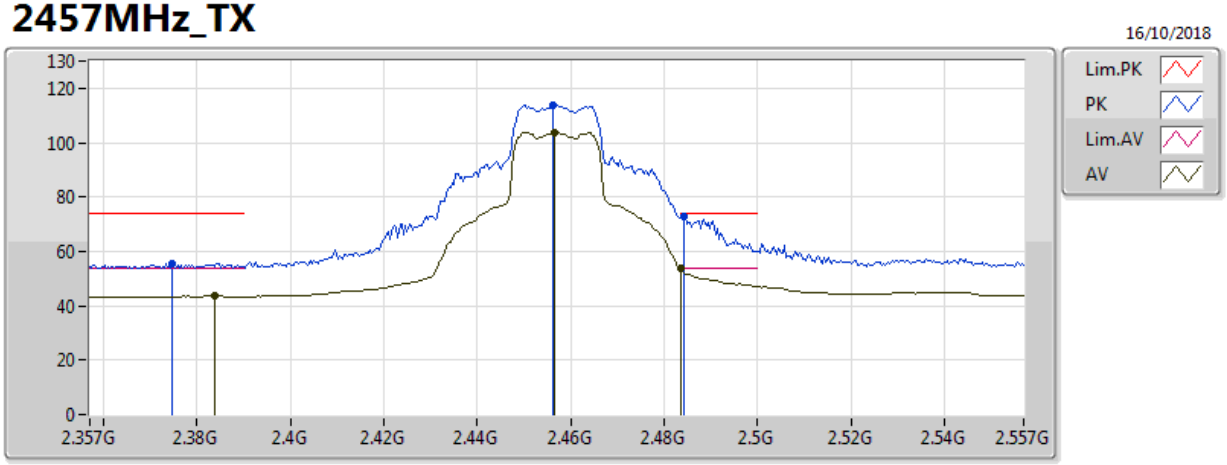


EUT Z_2TX_Dipole
Setting 56/55
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3632G	56.03	74.00	-17.97	32.06	3	Vertical	344	2.95
AV	2.3788G	43.49	54.00	-10.51	32.11	3	Vertical	344	2.95
PK	2.4524G	114.23	Inf	-Inf	32.33	3	Vertical	344	2.95
AV	2.4524G	104.31	Inf	-Inf	32.33	3	Vertical	344	2.95
PK	2.483502G	73.58	74.00	-0.42	32.42	3	Vertical	344	2.95
AV	2.483502G	51.05	54.00	-2.95	32.42	3	Vertical	344	2.95

802.11n HT20_Nss1,(MCS0)_2TX

2457MHz_TX

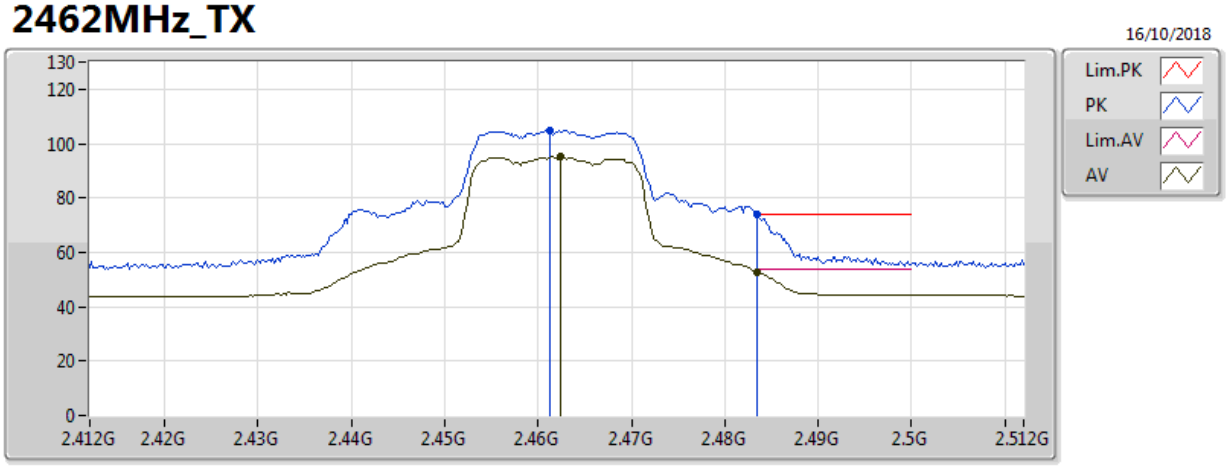


EUT Z_2TX_Dipole
Setting 55/54
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3746G	55.66	74.00	-18.34	32.09	3	Vertical	346	2.96
AV	2.3838G	43.58	54.00	-10.42	32.12	3	Vertical	346	2.96
PK	2.4562G	113.68	Inf	-Inf	32.34	3	Vertical	346	2.96
AV	2.4566G	103.74	Inf	-Inf	32.34	3	Vertical	346	2.96
PK	2.4842G	72.96	74.00	-1.04	32.43	3	Vertical	346	2.96
AV	2.483502G	53.55	54.00	-0.45	32.42	3	Vertical	346	2.96

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

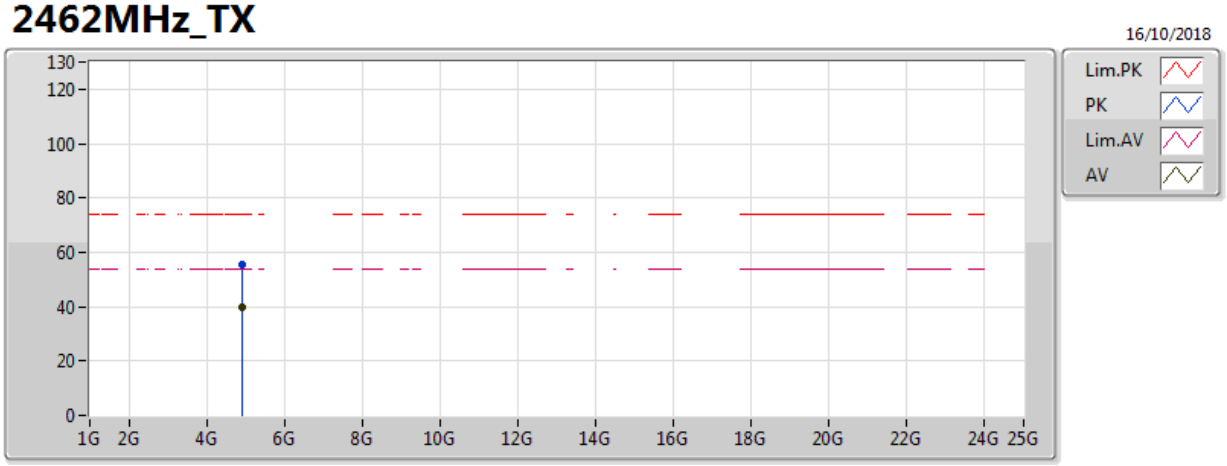


EUT Z_2TX_Dipole
Setting 45/44
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.4612G	105.06	Inf	-Inf	32.36	3	Vertical	183	1.23
AV	2.4624G	95.19	Inf	-Inf	32.36	3	Vertical	183	1.23
PK	2.483502G	73.88	74.00	-0.12	32.42	3	Vertical	183	1.23
AV	2.483502G	52.84	54.00	-1.16	32.42	3	Vertical	183	1.23

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

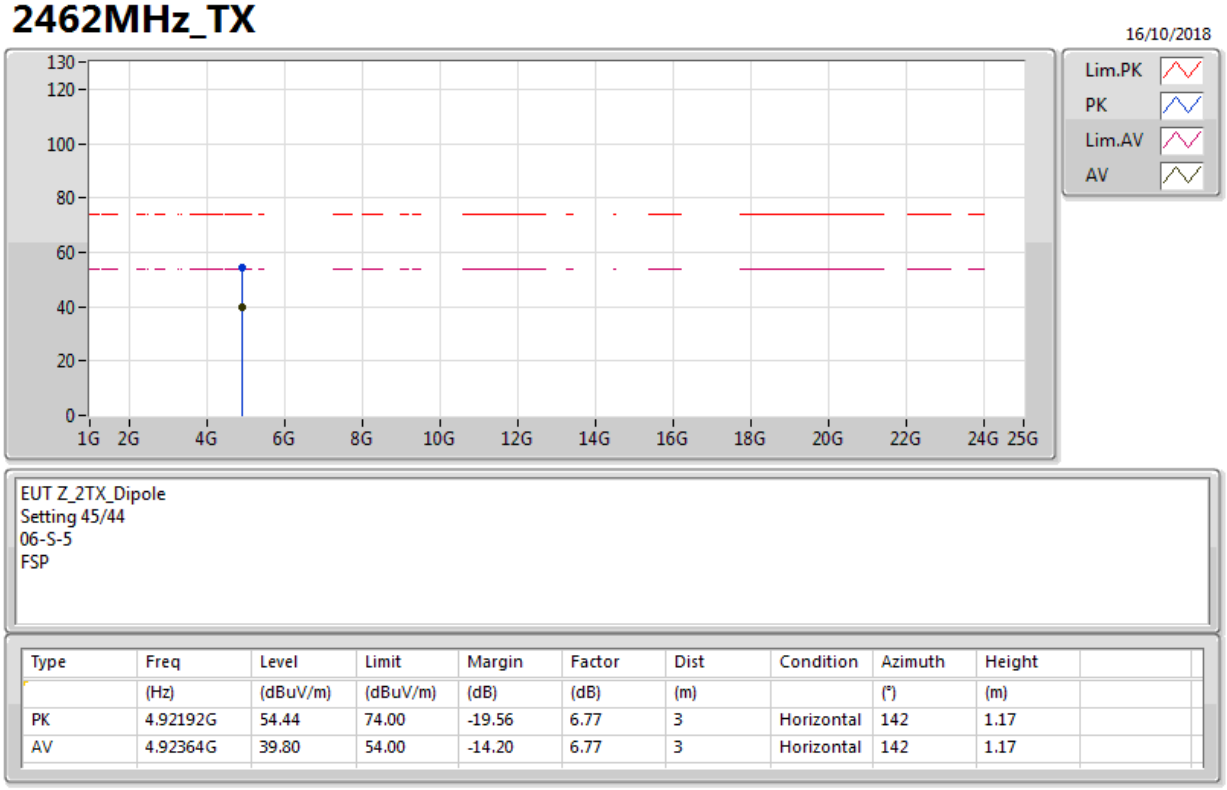


EUT Z_2TX_Dipole
Setting 45/44
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.92224G	55.41	74.00	-18.59	6.77	3	Vertical	162	1.09
AV	4.92364G	39.71	54.00	-14.29	6.77	3	Vertical	162	1.09

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

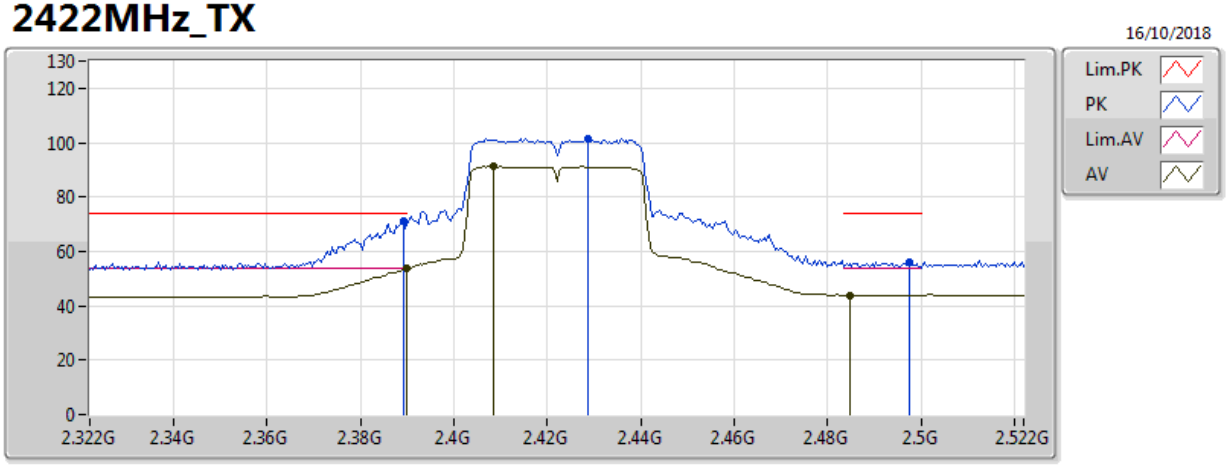


EUT Z_2TX_Dipole
Setting 45/44
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.92192G	54.44	74.00	-19.56	6.77	3	Horizontal	142	1.17
AV	4.92364G	39.80	54.00	-14.20	6.77	3	Horizontal	142	1.17

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

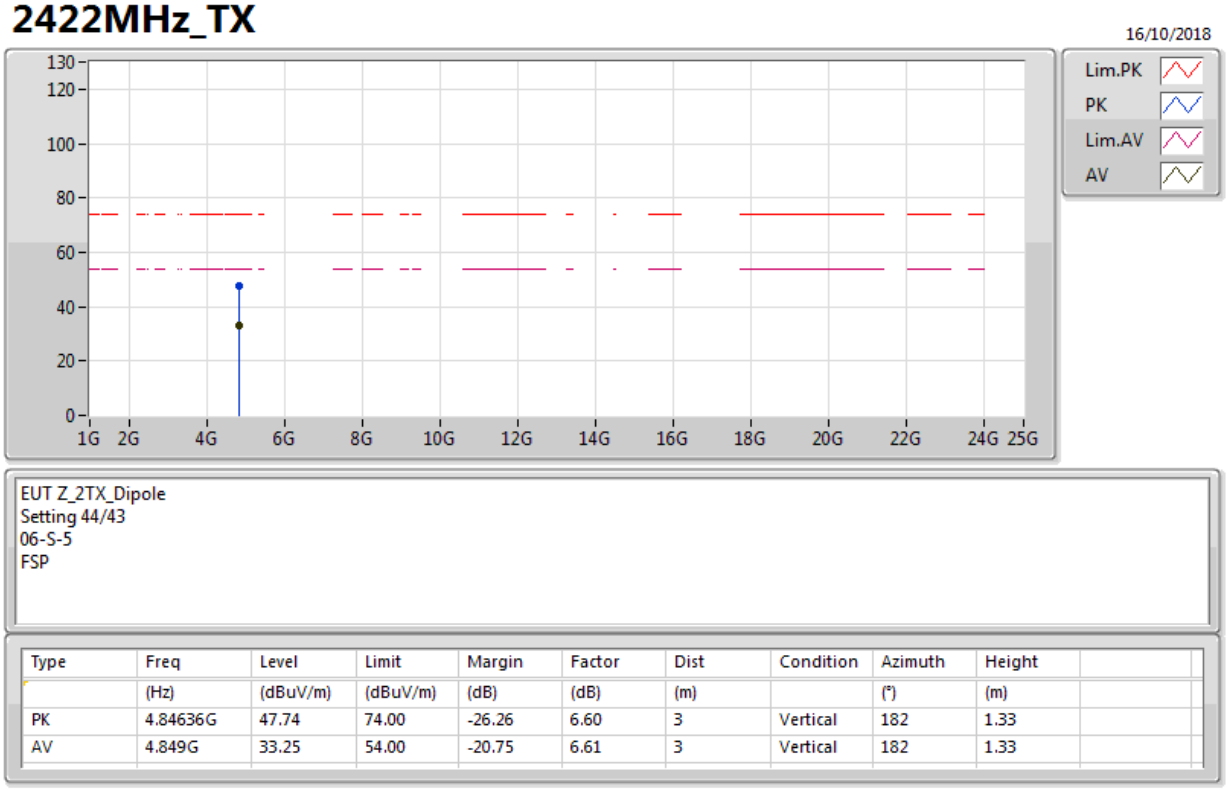


EUT Z_2TX_Dipole
Setting 44/43
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3892G	71.44	74.00	-2.56	32.14	3	Vertical	186	1.50
AV	2.389998G	53.67	54.00	-0.33	32.14	3	Vertical	186	1.50
PK	2.4288G	101.66	Inf	-Inf	32.26	3	Vertical	186	1.50
AV	2.4084G	91.19	Inf	-Inf	32.20	3	Vertical	186	1.50
PK	2.4976G	56.06	74.00	-17.94	32.47	3	Vertical	186	1.50
AV	2.4848G	43.96	54.00	-10.04	32.43	3	Vertical	186	1.50

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

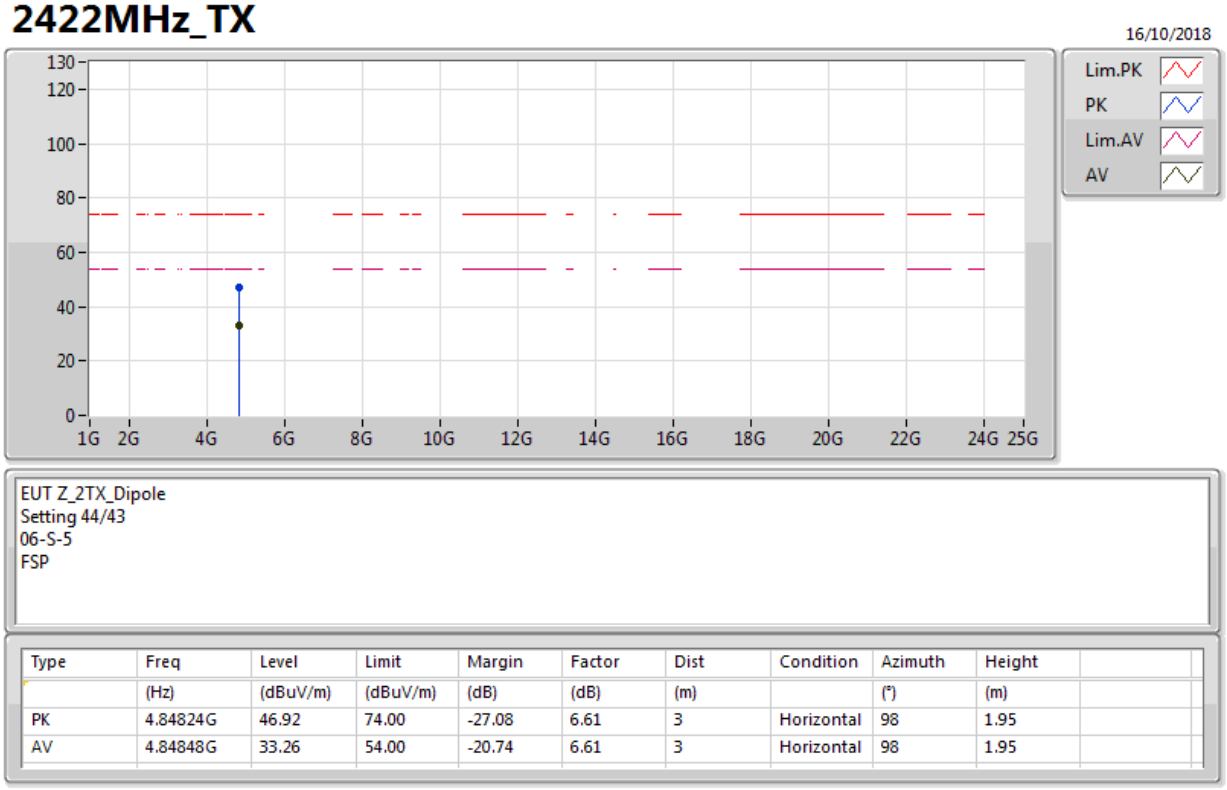


EUT Z_2TX_Dipole
Setting 44/43
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.84636G	47.74	74.00	-26.26	6.60	3	Vertical	182	1.33
AV	4.849G	33.25	54.00	-20.75	6.61	3	Vertical	182	1.33

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

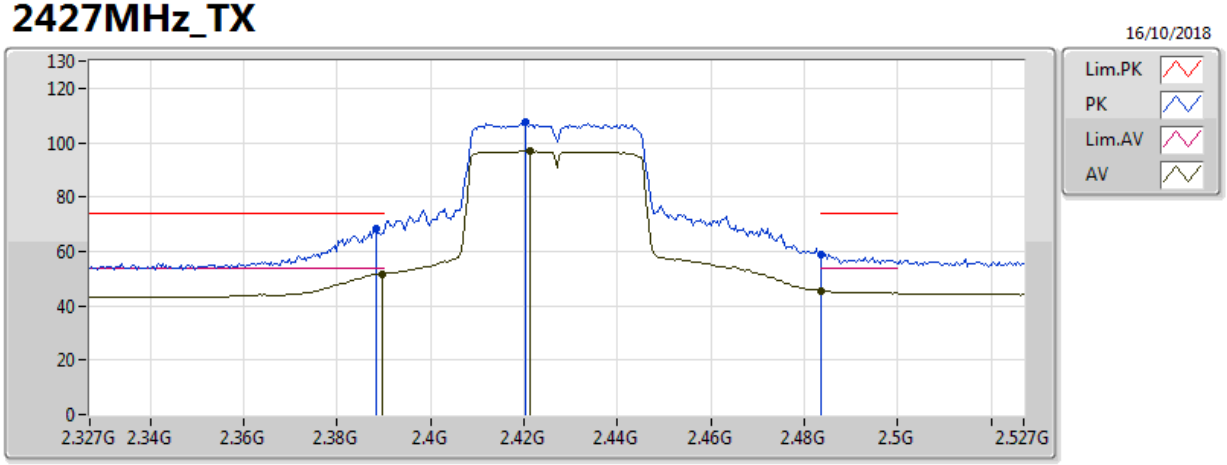


EUT Z_2TX_Dipole
Setting 44/43
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.84824G	46.92	74.00	-27.08	6.61	3	Horizontal	98	1.95
AV	4.84848G	33.26	54.00	-20.74	6.61	3	Horizontal	98	1.95

802.11n HT40_Nss1,(MCS0)_2TX

2427MHz_TX

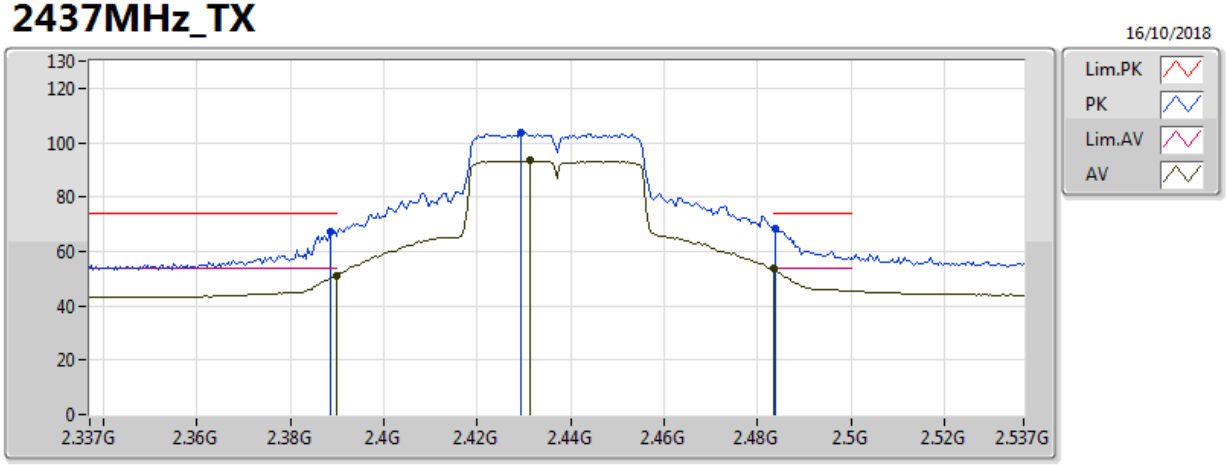


EUT Z_2TX_Dipole
Setting 48/47
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3882G	68.51	74.00	-5.49	32.13	3	Vertical	16	1.50
AV	2.3898G	51.72	54.00	-2.28	32.14	3	Vertical	16	1.50
PK	2.4202G	107.49	Inf	-Inf	32.23	3	Vertical	16	1.50
AV	2.4214G	96.77	Inf	-Inf	32.24	3	Vertical	16	1.50
PK	2.483502G	58.76	74.00	-15.24	32.42	3	Vertical	16	1.50
AV	2.483502G	45.65	54.00	-8.35	32.42	3	Vertical	16	1.50

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

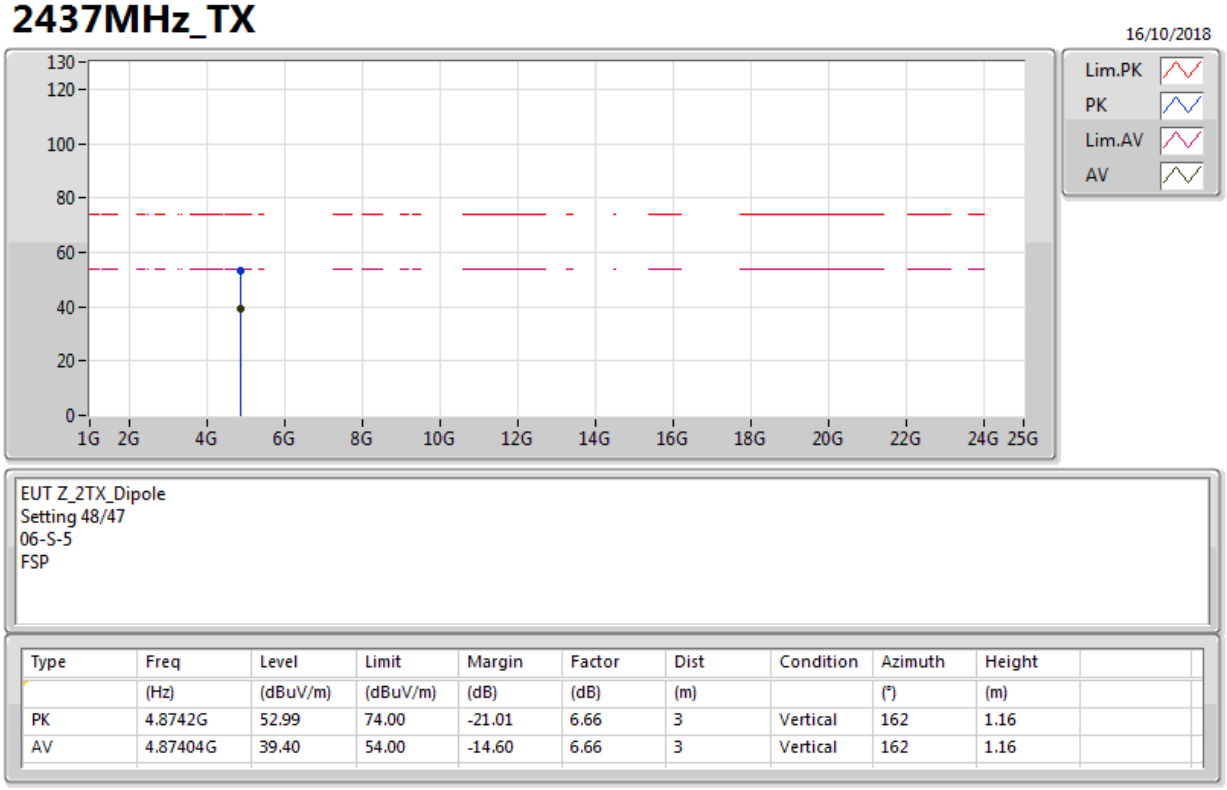


EUT Z_2TX_Dipole
Setting 48/47
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3886G	67.33	74.00	-6.67	32.14	3	Vertical	185	1.36
AV	2.3898G	51.21	54.00	-2.79	32.14	3	Vertical	185	1.36
PK	2.4294G	103.70	Inf	-Inf	32.26	3	Vertical	185	1.36
AV	2.4314G	93.31	Inf	-Inf	32.27	3	Vertical	185	1.36
PK	2.4838G	68.48	74.00	-5.52	32.43	3	Vertical	185	1.36
AV	2.483502G	53.72	54.00	-0.28	32.42	3	Vertical	185	1.36

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

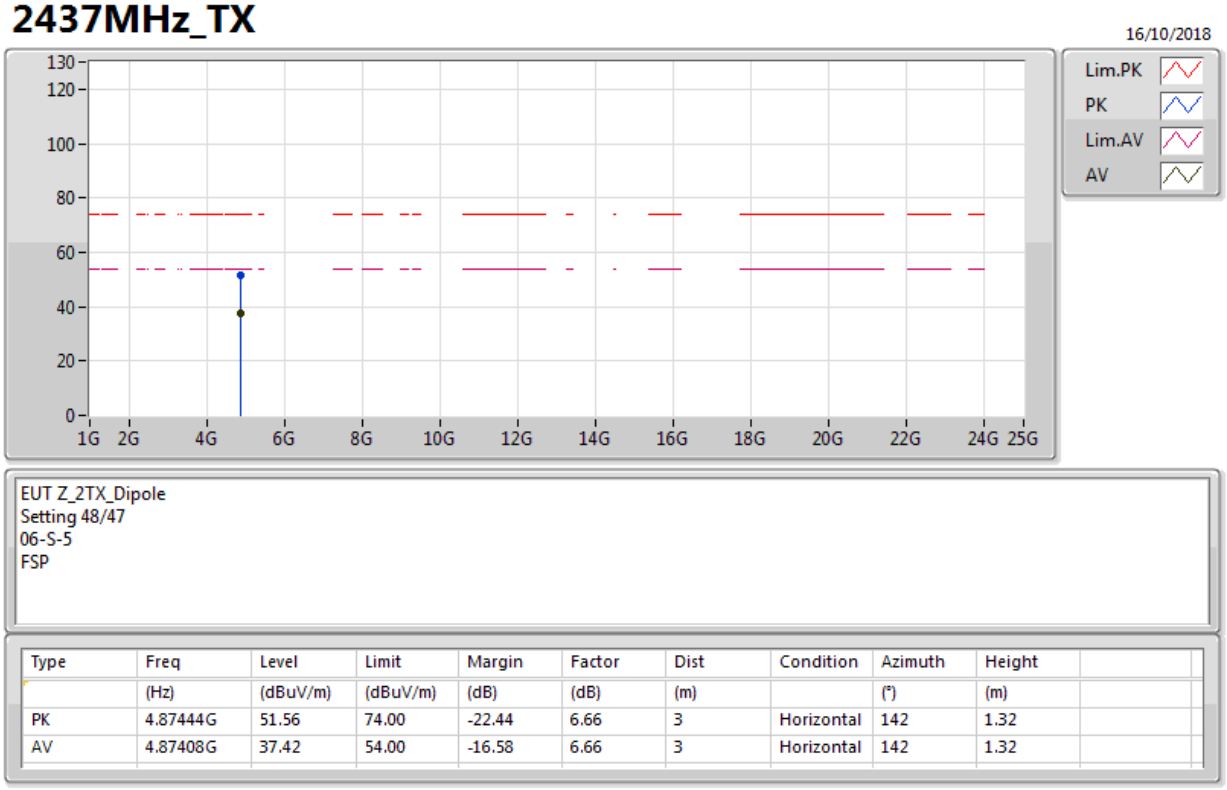


EUT Z_2TX_Dipole
Setting 48/47
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.8742G	52.99	74.00	-21.01	6.66	3	Vertical	162	1.16
AV	4.87404G	39.40	54.00	-14.60	6.66	3	Vertical	162	1.16

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

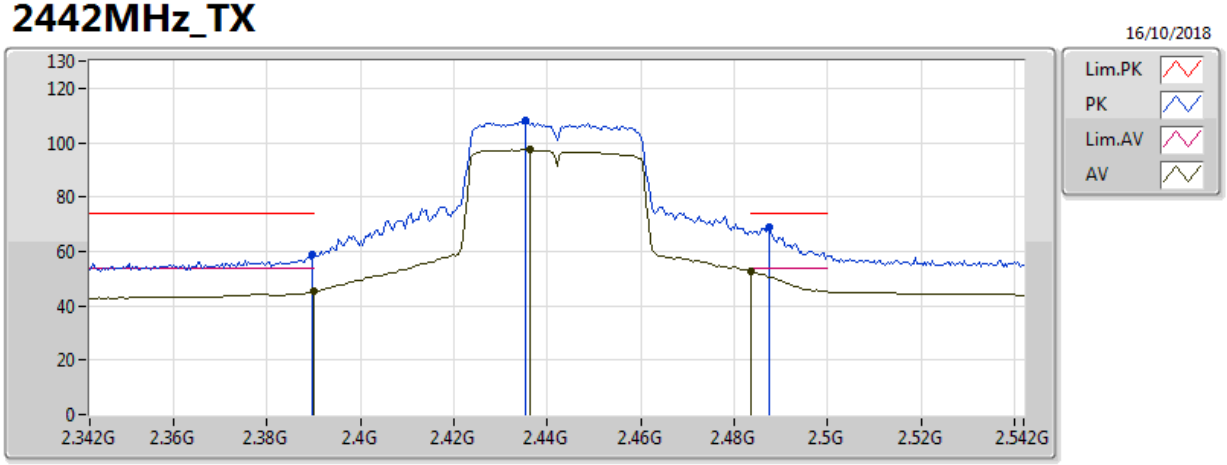


EUT Z_2TX_Dipole
Setting 48/47
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.87444G	51.56	74.00	-22.44	6.66	3	Horizontal	142	1.32
AV	4.87408G	37.42	54.00	-16.58	6.66	3	Horizontal	142	1.32

802.11n HT40_Nss1,(MCS0)_2TX

2442MHz_TX

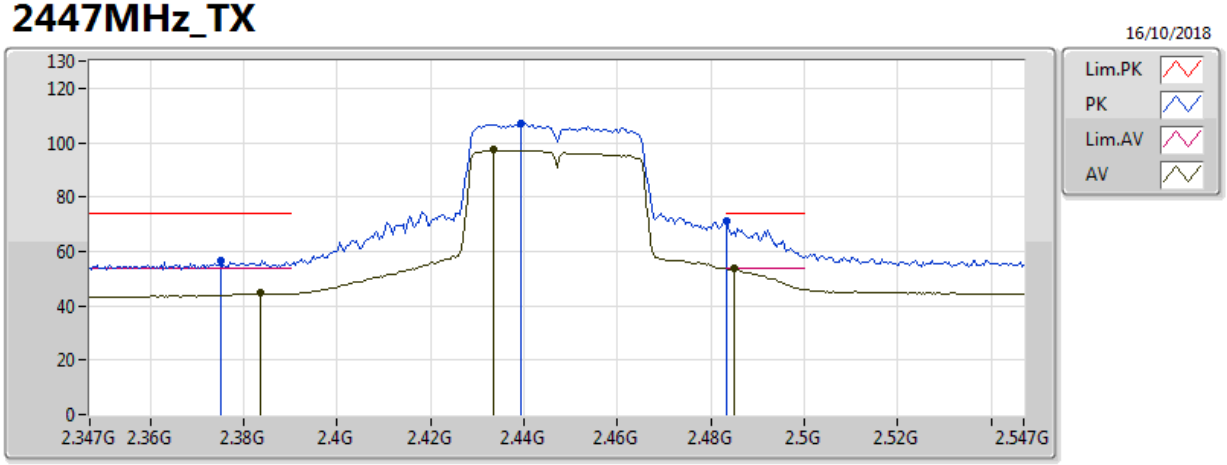


EUT Z_2TX_Dipole
Setting 48/47
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3896G	58.64	74.00	-15.36	32.14	3	Vertical	20	1.96
AV	2.389998G	45.12	54.00	-8.88	32.14	3	Vertical	20	1.96
PK	2.4352G	108.03	Inf	-Inf	32.28	3	Vertical	20	1.96
AV	2.4364G	97.27	Inf	-Inf	32.28	3	Vertical	20	1.96
PK	2.4876G	68.84	74.00	-5.16	32.43	3	Vertical	20	1.96
AV	2.483502G	52.69	54.00	-1.31	32.42	3	Vertical	20	1.96

802.11n HT40_Nss1,(MCS0)_2TX

2447MHz_TX

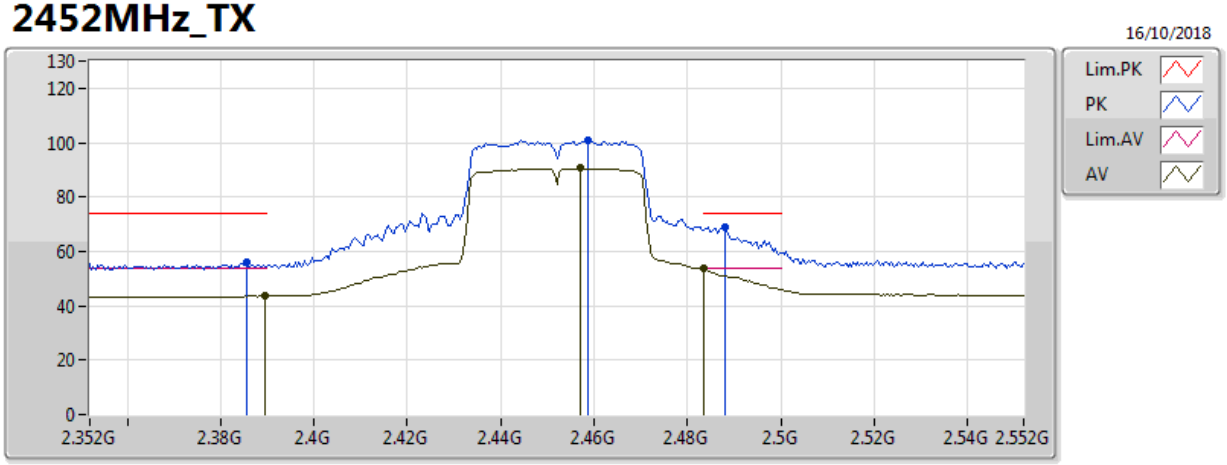


EUT Z_2TX_Dipole
Setting 47/46
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.375G	56.53	74.00	-17.47	32.09	3	Vertical	20	1.97
AV	2.3834G	44.59	54.00	-9.41	32.12	3	Vertical	20	1.97
PK	2.4394G	106.97	Inf	-Inf	32.29	3	Vertical	20	1.97
AV	2.4334G	97.22	Inf	-Inf	32.27	3	Vertical	20	1.97
PK	2.483502G	71.18	74.00	-2.82	32.42	3	Vertical	20	1.97
AV	2.485G	53.78	54.00	-0.22	32.43	3	Vertical	20	1.97

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

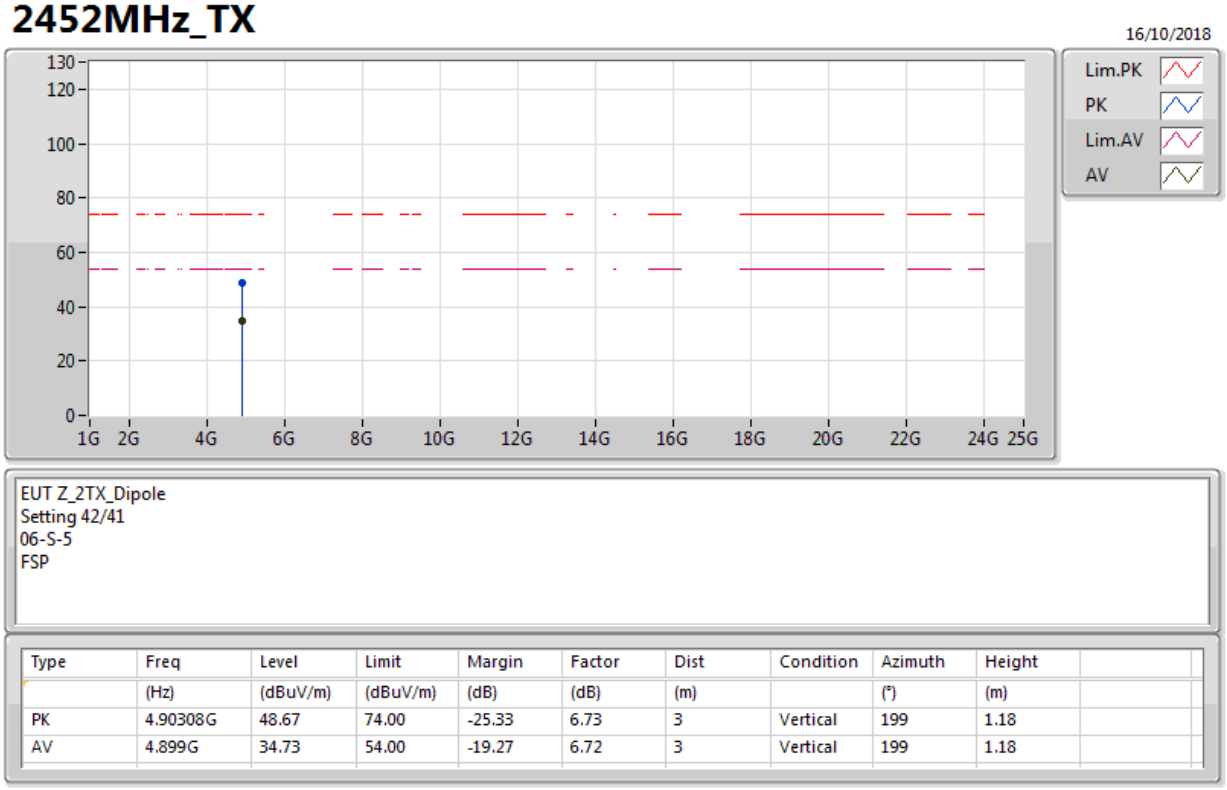


EUT Z_2TX_Dipole
Setting 42/41
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3856G	56.03	74.00	-17.97	32.13	3	Vertical	184	1.79
AV	2.3896G	43.62	54.00	-10.38	32.14	3	Vertical	184	1.79
PK	2.4588G	100.86	Inf	-Inf	32.35	3	Vertical	184	1.79
AV	2.4572G	90.52	Inf	-Inf	32.34	3	Vertical	184	1.79
PK	2.488G	69.07	74.00	-4.93	32.44	3	Vertical	184	1.79
AV	2.483502G	53.60	54.00	-0.40	32.42	3	Vertical	184	1.79

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

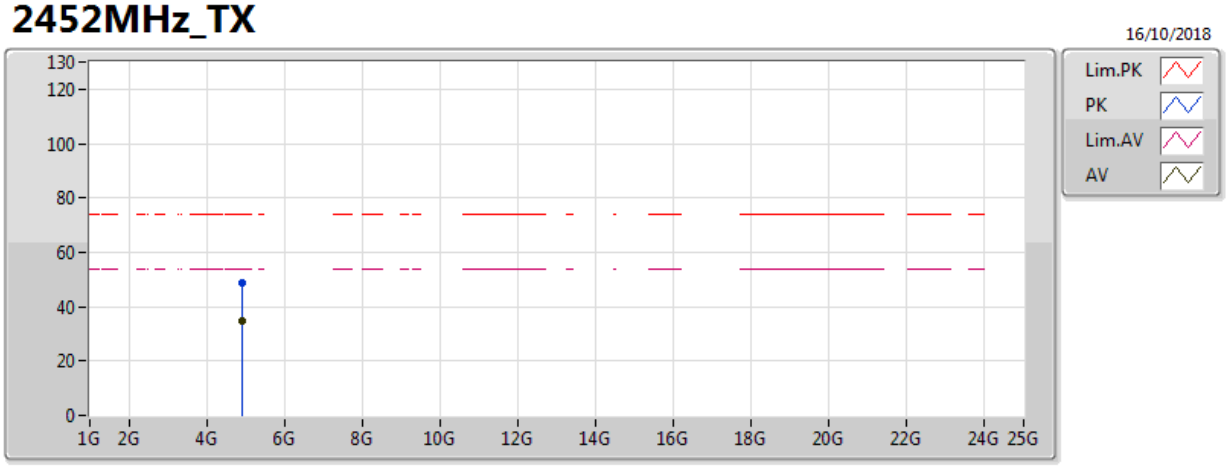


EUT Z_2TX_Dipole
Setting 42/41
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.90308G	48.67	74.00	-25.33	6.73	3	Vertical	199	1.18
AV	4.899G	34.73	54.00	-19.27	6.72	3	Vertical	199	1.18

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX



EUT Z_2TX_Dipole
Setting 42/41
06-S-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.90296G	48.64	74.00	-25.36	6.73	3	Horizontal	67	1.62
AV	4.89986G	34.65	54.00	-19.35	6.72	3	Horizontal	67	1.62

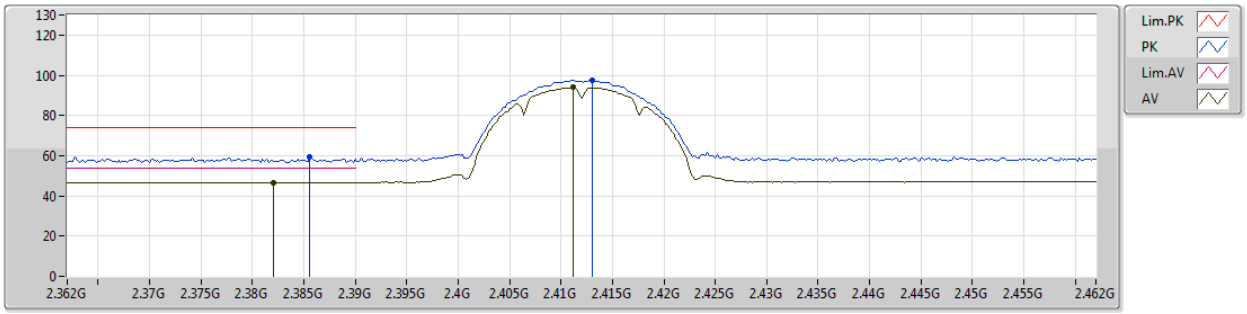
For EUT 2:
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	AV	4.82396G	53.97	54.00	-0.03	7.92	3	Horizontal	331	1.31	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

16/10/2018



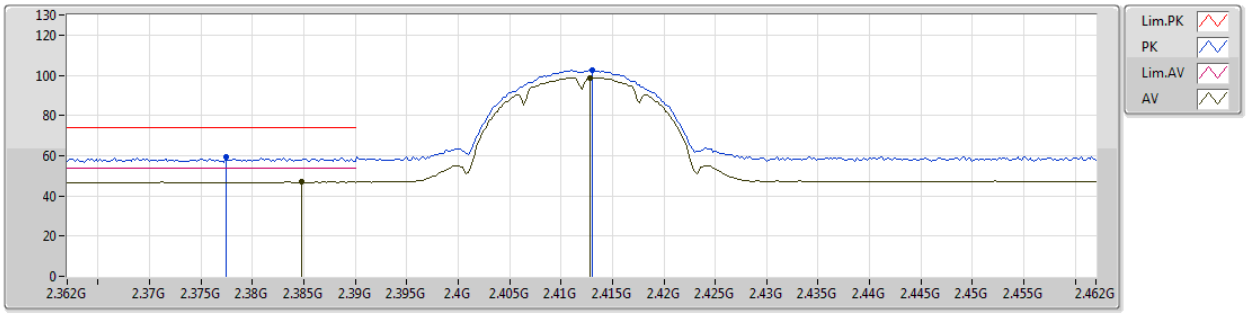
EUT Y_2TX
Setting 35/35
02-M-01
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3856G	59.51	74.00	-14.49	31.49	3	Vertical	328	1.27	-
AV	2.382G	46.69	54.00	-7.31	31.48	3	Vertical	328	1.27	-
PK	2.413G	97.62	Inf	-Inf	31.56	3	Vertical	328	1.27	-
AV	2.4112G	93.91	Inf	-Inf	31.56	3	Vertical	328	1.27	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

16/10/2018



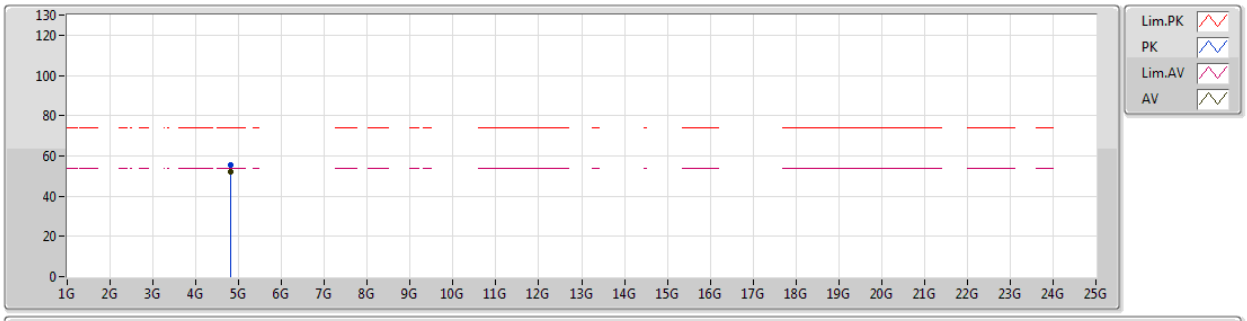
EUT Y_2TX
Setting 35/35
02-M-01
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3774G	59.16	74.00	-14.84	31.47	3	Horizontal	14	2.00	-
AV	2.3848G	46.93	54.00	-7.07	31.49	3	Horizontal	14	2.00	-
PK	2.413G	102.73	Inf	-Inf	31.56	3	Horizontal	14	2.00	-
AV	2.4128G	98.86	Inf	-Inf	31.56	3	Horizontal	14	2.00	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

16/10/2018



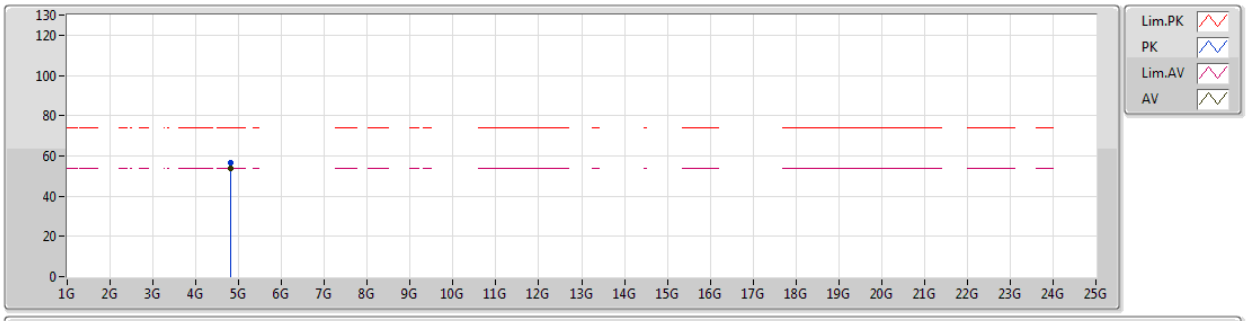
EUT Y_2TX
Setting 35/35
02-M-01
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.82396G	55.39	74.00	-18.61	7.92	3	Vertical	335	1.94	-
AV	4.82396G	52.39	54.00	-1.61	7.92	3	Vertical	335	1.94	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

16/10/2018



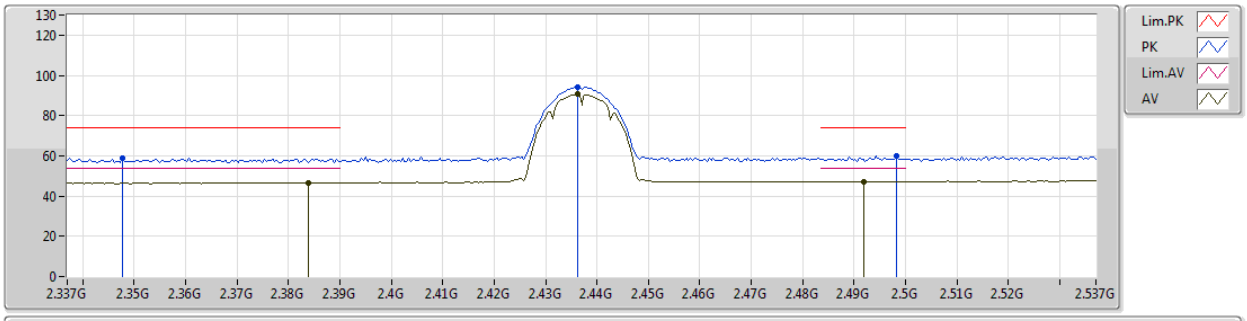
EUT Y_2TX
Setting 35/35
02-M-01
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.824G	56.38	74.00	-17.62	7.92	3	Horizontal	331	1.31	-
AV	4.82396G	53.97	54.00	-0.03	7.92	3	Horizontal	331	1.31	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

16/10/2018



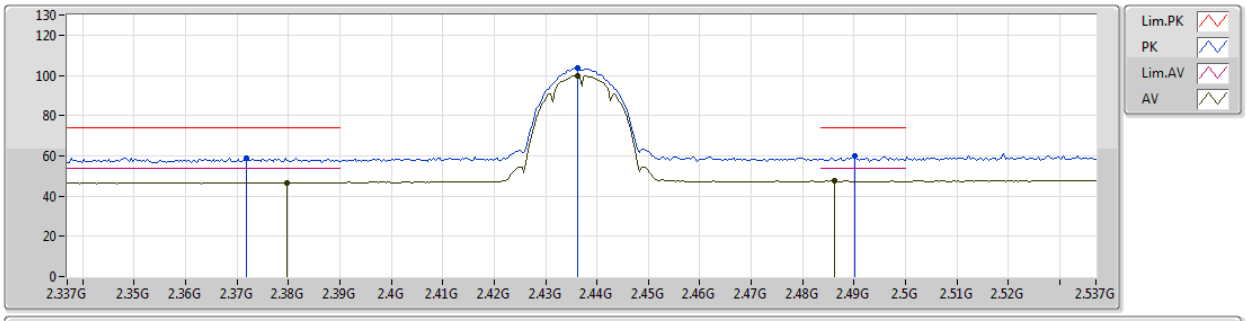
EUT Y_2TX
Setting 35/35
02-M-01
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3478G	58.81	74.00	-15.19	31.40	3	Vertical	271	1.55	-
AV	2.3838G	46.70	54.00	-7.30	31.49	3	Vertical	271	1.55	-
PK	2.4362G	94.16	Inf	-Inf	31.62	3	Vertical	271	1.55	-
AV	2.4362G	90.53	Inf	-Inf	31.62	3	Vertical	271	1.55	-
PK	2.4982G	59.82	74.00	-14.18	31.77	3	Vertical	271	1.55	-
AV	2.4918G	47.21	54.00	-6.79	31.76	3	Vertical	271	1.55	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

16/10/2018



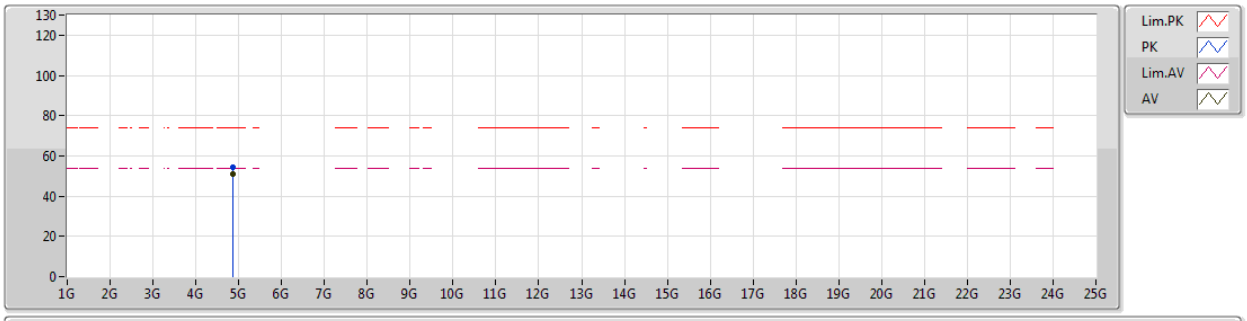
EUT Y_2TX
Setting 35/35
02-M-01
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3718G	58.74	74.00	-15.26	31.45	3	Horizontal	14	2.64	-
AV	2.3798G	46.74	54.00	-7.26	31.48	3	Horizontal	14	2.64	-
PK	2.4362G	103.42	Inf	-Inf	31.62	3	Horizontal	14	2.64	-
AV	2.4362G	99.85	Inf	-Inf	31.62	3	Horizontal	14	2.64	-
PK	2.4902G	60.13	74.00	-13.87	31.74	3	Horizontal	14	2.64	-
AV	2.4862G	47.50	54.00	-6.50	31.74	3	Horizontal	14	2.64	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

16/10/2018



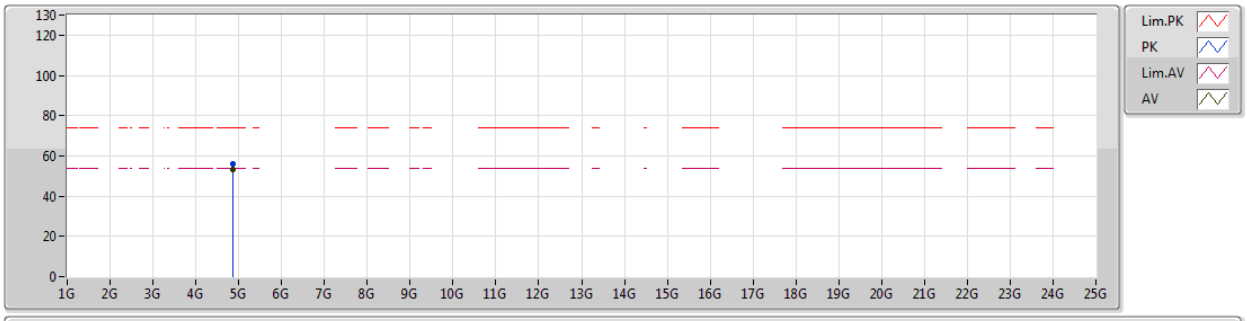
EUT Y_2TX
Setting 35/35
02-M-01
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.87384G	54.13	74.00	-19.87	8.03	3	Vertical	333	2.01	-
AV	4.87392G	51.06	54.00	-2.94	8.03	3	Vertical	333	2.01	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

16/10/2018



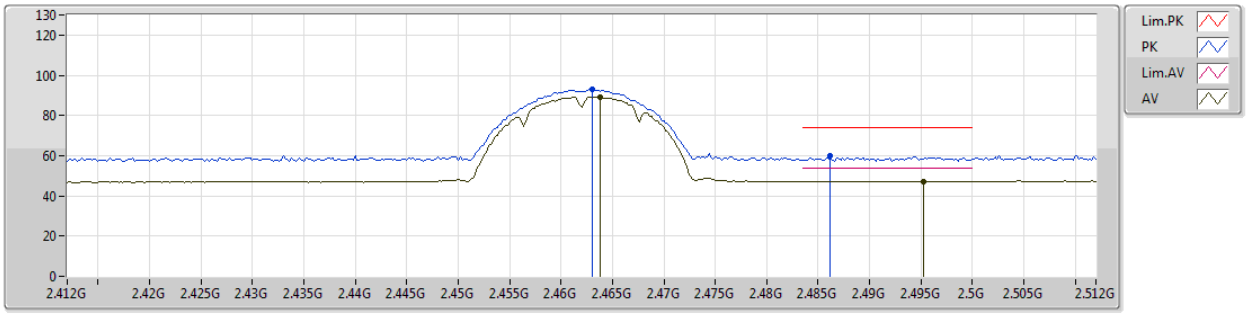
EUT Y_2TX
Setting 35/35
02-M-01
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.87396G	55.90	74.00	-18.10	8.03	3	Horizontal	332	1.29	-
AV	4.87396G	53.37	54.00	-0.63	8.03	3	Horizontal	332	1.29	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

16/10/2018



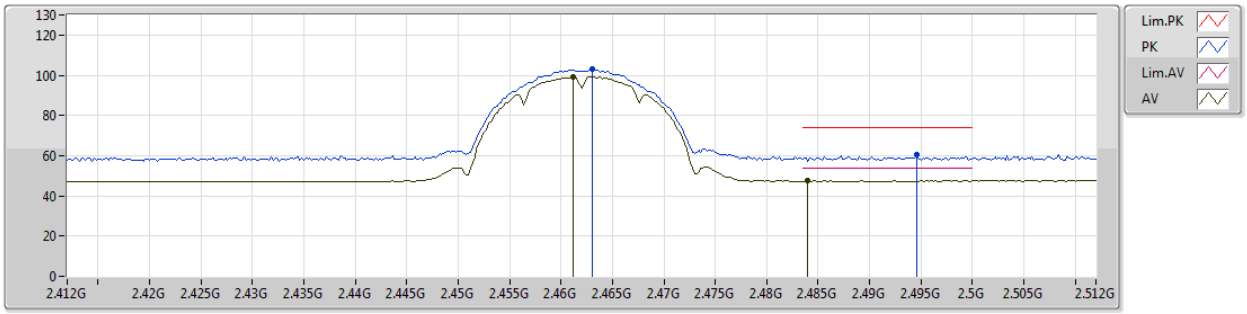
EUT Y_2TX
Setting 32/32
02-M-01
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.463G	93.07	Inf	-Inf	31.68	3	Vertical	289	1.50	-
AV	2.4638G	89.22	Inf	-Inf	31.68	3	Vertical	289	1.50	-
PK	2.4862G	59.69	74.00	-14.31	31.74	3	Vertical	289	1.50	-
AV	2.4952G	47.32	54.00	-6.68	31.76	3	Vertical	289	1.50	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

16/10/2018



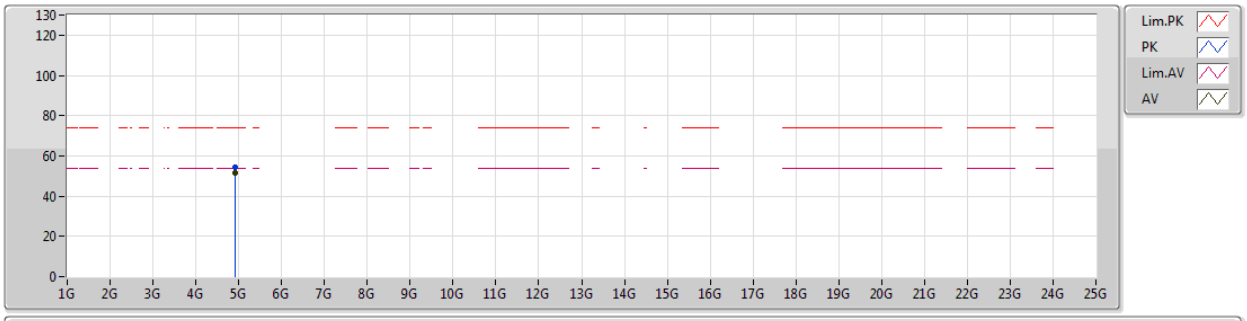
EUT Y_2TX
Setting 32/32
02-M-01
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.463G	102.92	Inf	-Inf	31.68	3	Horizontal	18	2.40	-
AV	2.4612G	99.15	Inf	-Inf	31.68	3	Horizontal	18	2.40	-
PK	2.4946G	60.28	74.00	-13.72	31.76	3	Horizontal	18	2.40	-
AV	2.484G	47.55	54.00	-6.45	31.73	3	Horizontal	18	2.40	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

16/10/2018



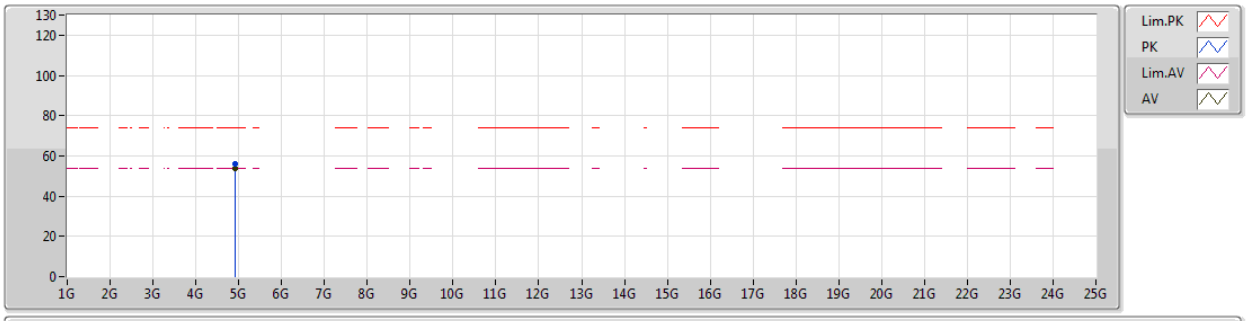
EUT Y_2TX
Setting 32/32
02-M-01
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.92396G	54.34	74.00	-19.66	8.12	3	Vertical	337	2.20	-
AV	4.92396G	51.45	54.00	-2.55	8.12	3	Vertical	337	2.20	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

16/10/2018



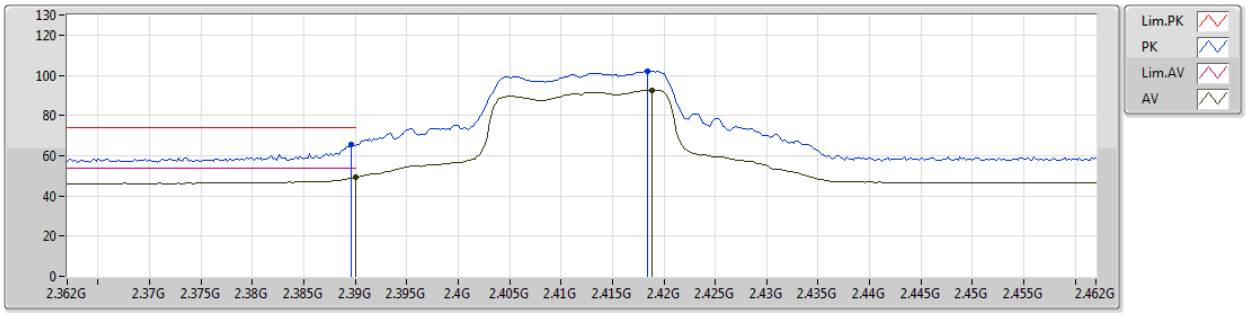
EUT Y_2TX
Setting 32/32
02-M-01
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.92392G	56.16	74.00	-17.84	8.12	3	Horizontal	330	1.09	-
AV	4.92396G	53.55	54.00	-0.45	8.12	3	Horizontal	330	1.09	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

16/10/2018



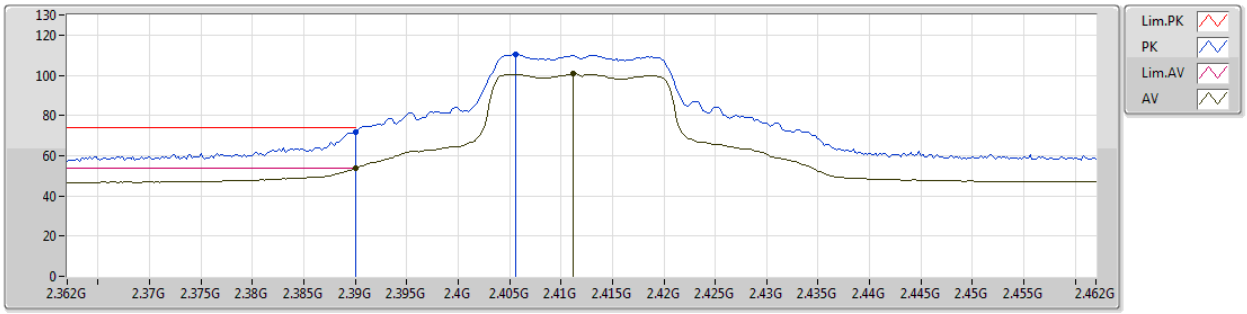
EUT Y_2TX
Setting 47/47
02-M-01
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3896G	65.73	74.00	-8.27	31.50	3	Vertical	333	1.50	-
AV	2.39G	49.19	54.00	-4.81	31.50	3	Vertical	333	1.50	-
PK	2.4184G	102.10	Inf	-Inf	31.57	3	Vertical	333	1.50	-
AV	2.4188G	92.71	Inf	-Inf	31.57	3	Vertical	333	1.50	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

16/10/2018



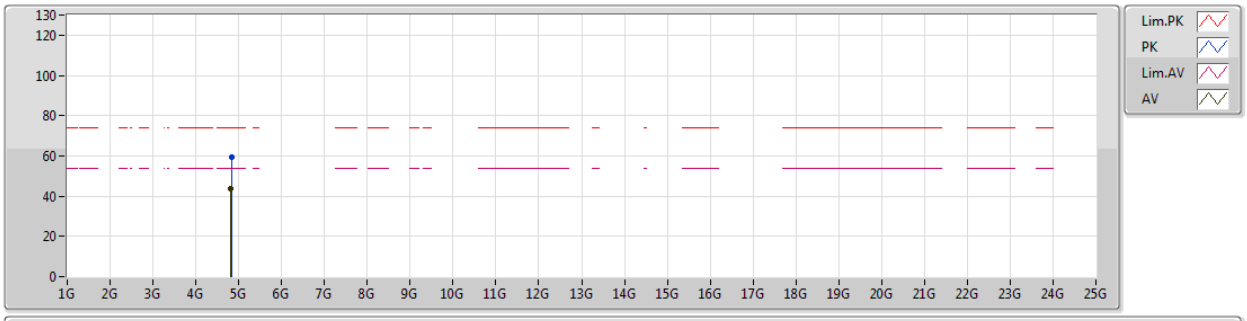
EUT Y_2TX
Setting 47/47
02-M-01
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.39G	71.71	74.00	-2.29	31.50	3	Horizontal	24	1.01	-
AV	2.39G	53.66	54.00	-0.34	31.50	3	Horizontal	24	1.01	-
PK	2.4056G	110.49	Inf	-Inf	31.54	3	Horizontal	24	1.01	-
AV	2.4112G	100.59	Inf	-Inf	31.56	3	Horizontal	24	1.01	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

16/10/2018



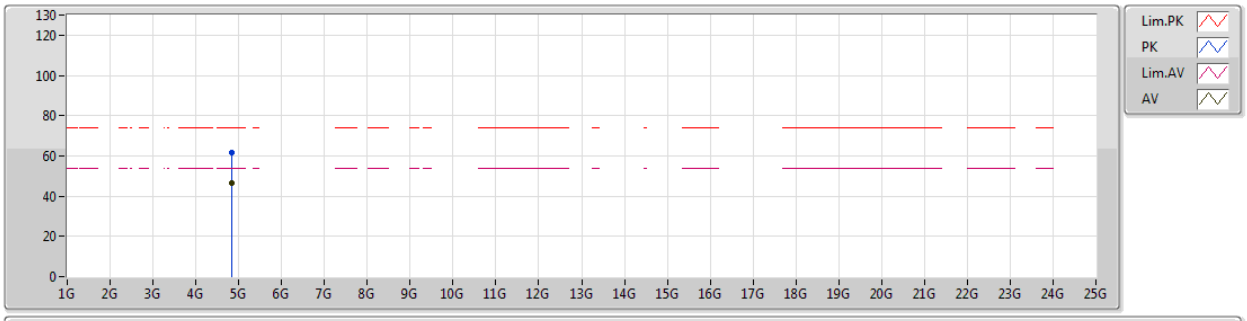
EUT Y_2TX
Setting 47/47
02-M-01
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.825G	59.17	74.00	-14.83	7.93	3	Vertical	328	2.14	-
AV	4.824G	43.62	54.00	-10.38	7.92	3	Vertical	328	2.14	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

16/10/2018



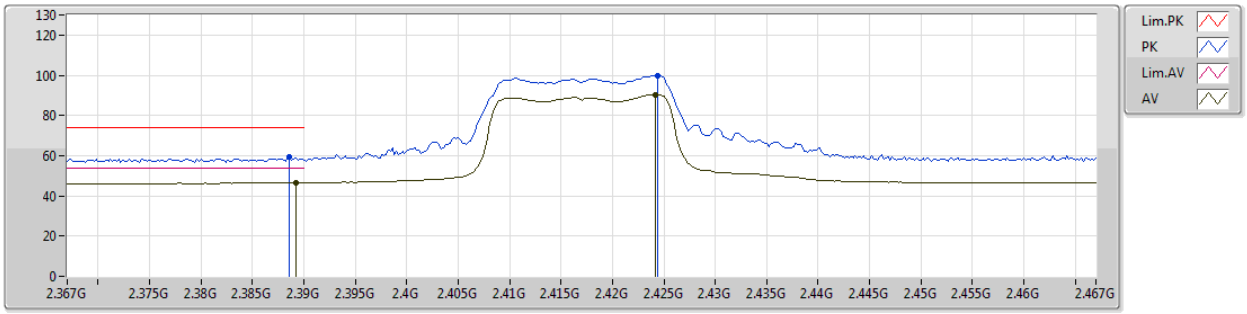
EUT Y_2TX
Setting 47/47
02-M-01
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.8248G	61.71	74.00	-12.29	7.92	3	Horizontal	333	1.31	-
AV	4.8258G	46.56	54.00	-7.44	7.93	3	Horizontal	333	1.31	-

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

16/10/2018



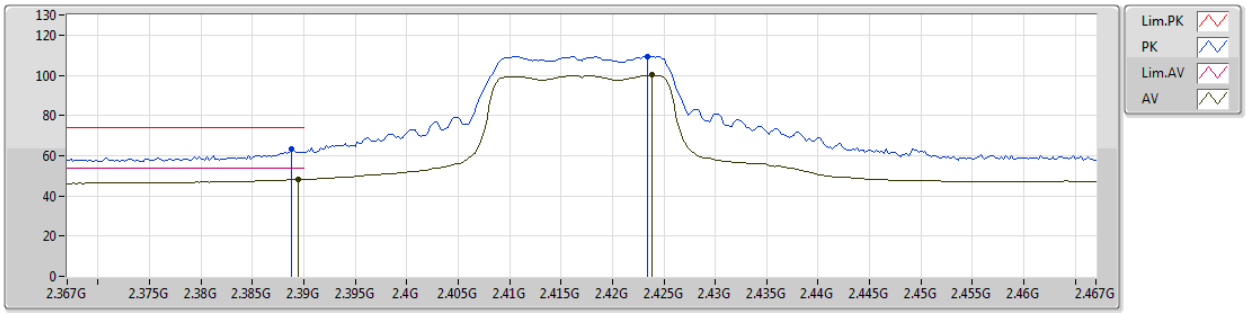
EUT Y_2TX
Setting 50/50
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3886G	59.29	74.00	-14.71	31.50	3	Vertical	301	1.68	-
AV	2.3892G	46.50	54.00	-7.50	31.50	3	Vertical	301	1.68	-
PK	2.4244G	99.61	Inf	-Inf	31.58	3	Vertical	301	1.68	-
AV	2.4242G	90.26	Inf	-Inf	31.58	3	Vertical	301	1.68	-

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

16/10/2018



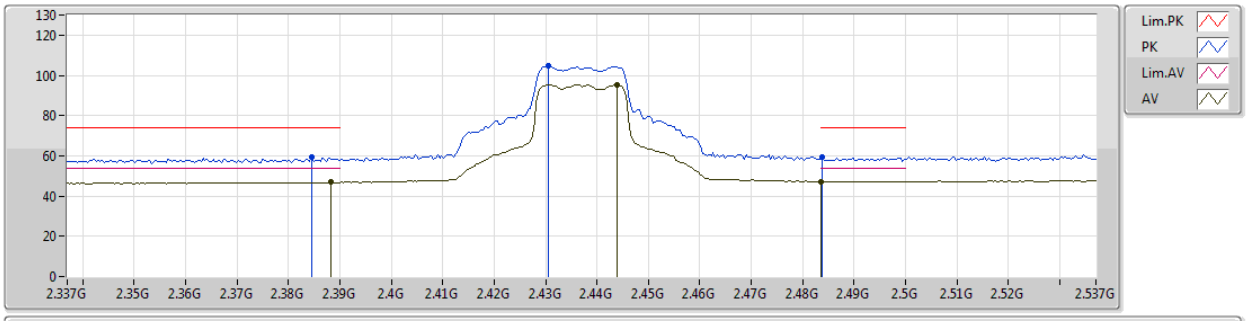
EUT Y_2TX
Setting 50/50
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3888G	63.31	74.00	-10.69	31.50	3	Horizontal	32	2.43	-
AV	2.3894G	48.09	54.00	-5.91	31.50	3	Horizontal	32	2.43	-
PK	2.4234G	109.42	Inf	-Inf	31.58	3	Horizontal	32	2.43	-
AV	2.4238G	100.05	Inf	-Inf	31.58	3	Horizontal	32	2.43	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

16/10/2018



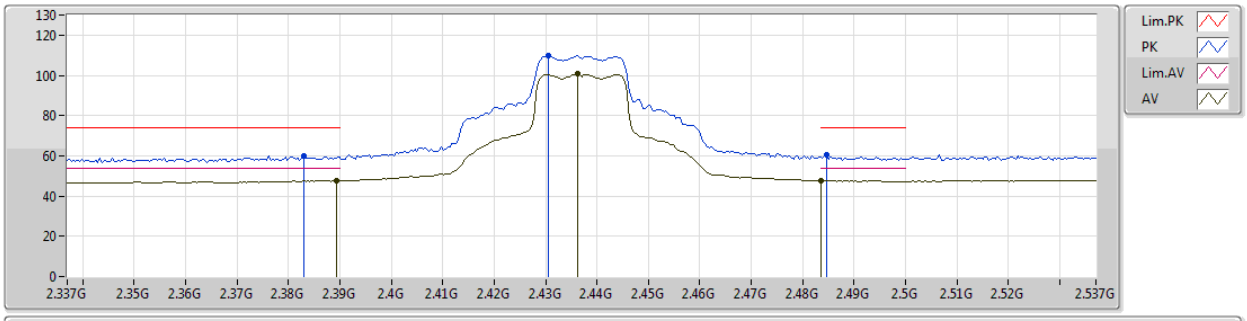
EUT Y_2TX
Setting 50/50
02-M-01
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3846G	59.27	74.00	-14.73	31.49	3	Vertical	16	1.06	-
AV	2.3882G	46.80	54.00	-7.20	31.50	3	Vertical	16	1.06	-
PK	2.4306G	104.93	Inf	-Inf	31.61	3	Vertical	16	1.06	-
AV	2.4438G	95.49	Inf	-Inf	31.64	3	Vertical	16	1.06	-
PK	2.4838G	59.13	74.00	-14.87	31.73	3	Vertical	16	1.06	-
AV	2.4835G	47.29	54.00	-6.71	31.73	3	Vertical	16	1.06	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

16/10/2018



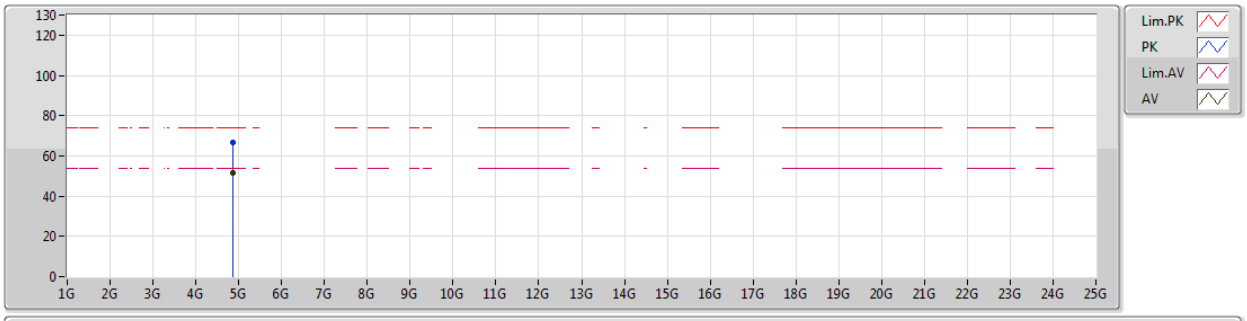
EUT Y_2TX
Setting 50/50
02-M-01
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.383G	60.16	74.00	-13.84	31.49	3	Horizontal	24	1.06	-
AV	2.3894G	47.81	54.00	-6.19	31.50	3	Horizontal	24	1.06	-
PK	2.4306G	109.89	Inf	-Inf	31.61	3	Horizontal	24	1.06	-
AV	2.4362G	100.59	Inf	-Inf	31.62	3	Horizontal	24	1.06	-
PK	2.4846G	60.56	74.00	-13.44	31.73	3	Horizontal	24	1.06	-
AV	2.4835G	47.85	54.00	-6.15	31.73	3	Horizontal	24	1.06	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

16/10/2018



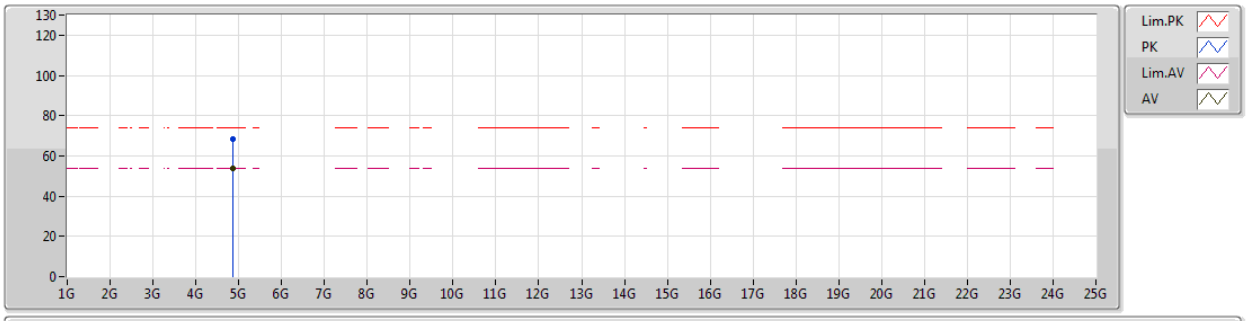
EUT Y_2TX
Setting 50/50
02-M-01
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.8702G	66.44	74.00	-7.56	8.02	3	Vertical	325	1.92	-
AV	4.8726G	51.80	54.00	-2.20	8.02	3	Vertical	325	1.92	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

16/10/2018



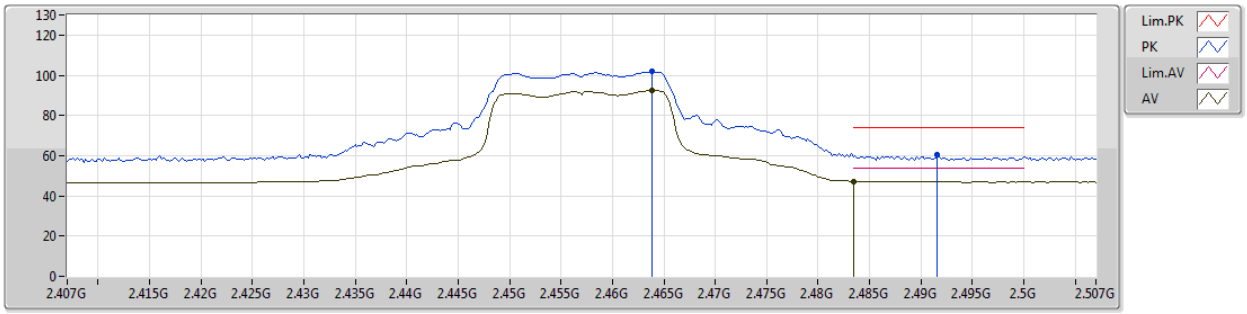
EUT Y_2TX
Setting 50/50
02-M-01
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.8702G	68.11	74.00	-5.89	8.02	3	Horizontal	325	1.27	-
AV	4.8741G	53.79	54.00	-0.21	8.03	3	Horizontal	325	1.27	-

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

16/10/2018



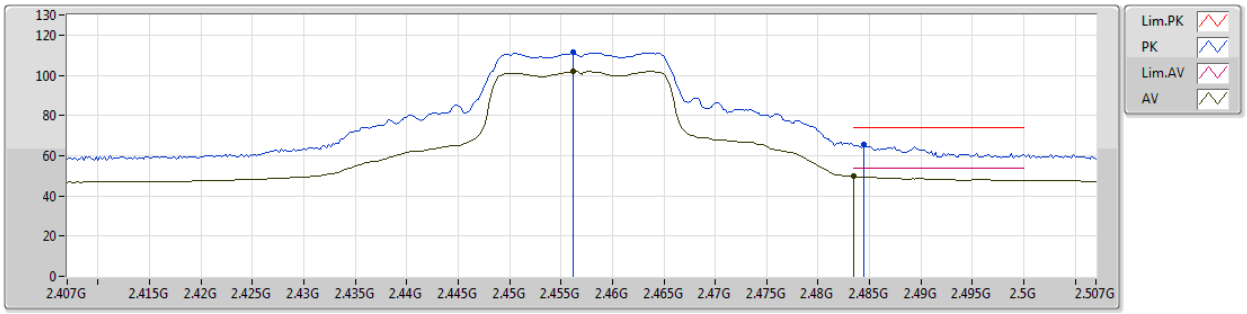
EUT Y_2TX
Setting 50/50
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.4638G	101.76	Inf	-Inf	31.68	3	Vertical	329	1.78	-
AV	2.4638G	92.37	Inf	-Inf	31.68	3	Vertical	329	1.78	-
PK	2.4916G	60.44	74.00	-13.56	31.74	3	Vertical	329	1.78	-
AV	2.4835G	47.23	54.00	-6.77	31.73	3	Vertical	329	1.78	-

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

16/10/2018



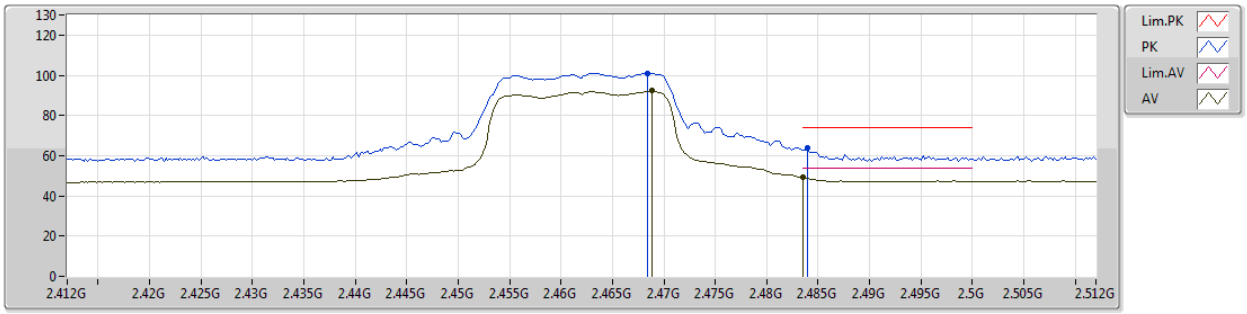
EUT Y_2TX
Setting 50/50
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.4562G	111.27	Inf	-Inf	31.66	3	Horizontal	31	2.16	-
AV	2.4562G	101.89	Inf	-Inf	31.66	3	Horizontal	31	2.16	-
PK	2.4844G	65.29	74.00	-8.71	31.73	3	Horizontal	31	2.16	-
AV	2.4835G	49.82	54.00	-4.18	31.73	3	Horizontal	31	2.16	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

16/10/2018



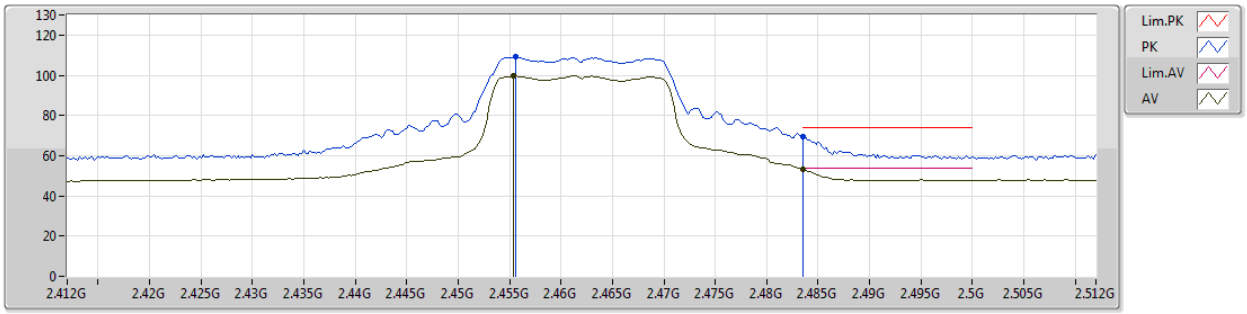
EUT Y_2TX
Setting 46/46
02-M-01
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.4684G	100.98	Inf	-Inf	31.69	3	Vertical	319	1.50	-
AV	2.4688G	92.23	Inf	-Inf	31.69	3	Vertical	319	1.50	-
PK	2.484G	63.79	74.00	-10.21	31.73	3	Vertical	319	1.50	-
AV	2.4835G	49.13	54.00	-4.87	31.73	3	Vertical	319	1.50	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

16/10/2018



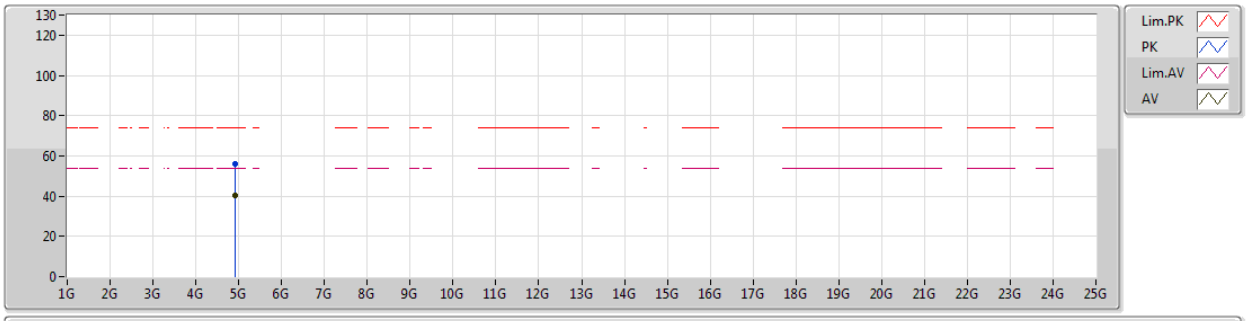
EUT Y_2TX
Setting 46/46
02-M-01
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.4556G	109.20	Inf	-Inf	31.66	3	Horizontal	28	1.06	-
AV	2.4554G	99.63	Inf	-Inf	31.66	3	Horizontal	28	1.06	-
PK	2.4835G	69.34	74.00	-4.66	31.73	3	Horizontal	28	1.06	-
AV	2.4835G	53.45	54.00	-0.55	31.73	3	Horizontal	28	1.06	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

16/10/2018



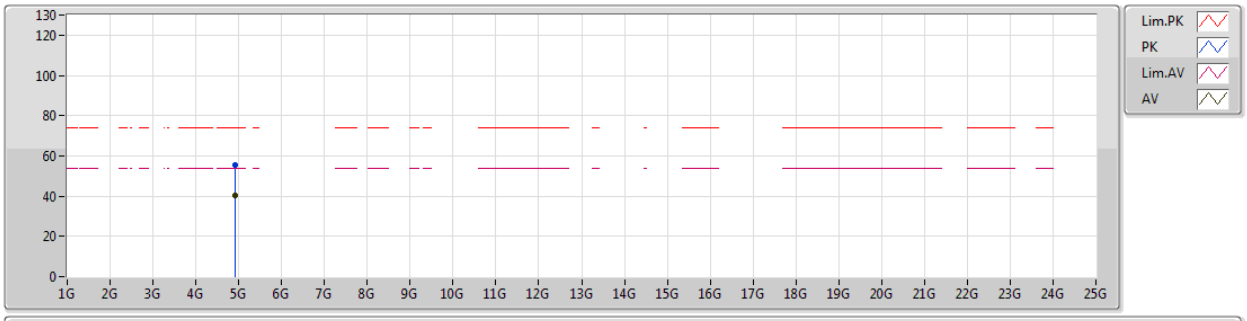
EUT Y_2TX
Setting 46/46
02-M-01
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.9249G	55.78	74.00	-18.22	8.12	3	Vertical	340	1.88	-
AV	4.9221G	40.48	54.00	-13.52	8.12	3	Vertical	340	1.88	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

16/10/2018



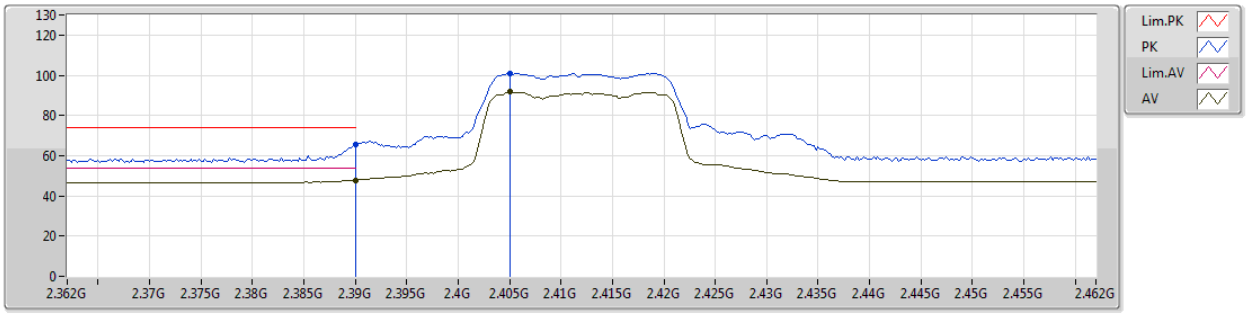
EUT Y_2TX
Setting 46/46
02-M-01
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.9251G	55.46	74.00	-18.54	8.13	3	Horizontal	1	1.72	-
AV	4.9239G	40.40	54.00	-13.60	8.12	3	Horizontal	1	1.72	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

16/10/2018



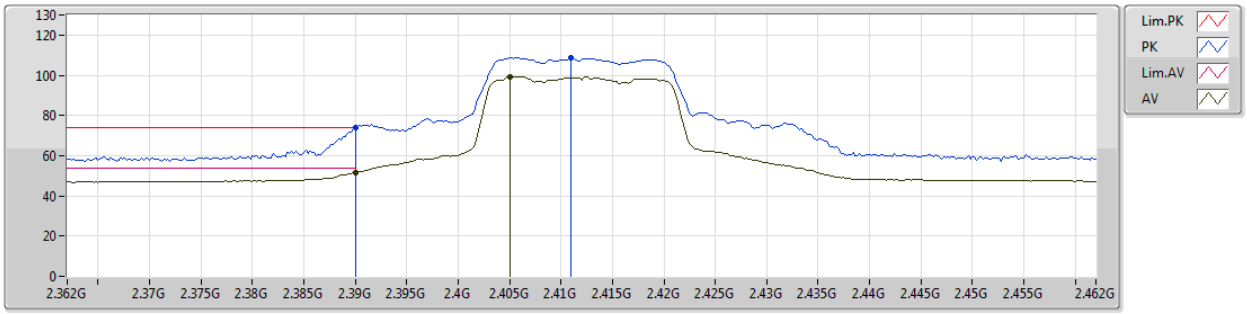
EUT Y_2TX
Setting 44/44
02-M-01
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.39G	65.49	74.00	-8.51	31.50	3	Vertical	5	1.07	-
AV	2.39G	47.83	54.00	-6.17	31.50	3	Vertical	5	1.07	-
PK	2.405G	100.96	Inf	-Inf	31.54	3	Vertical	5	1.07	-
AV	2.405G	91.69	Inf	-Inf	31.54	3	Vertical	5	1.07	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

16/10/2018



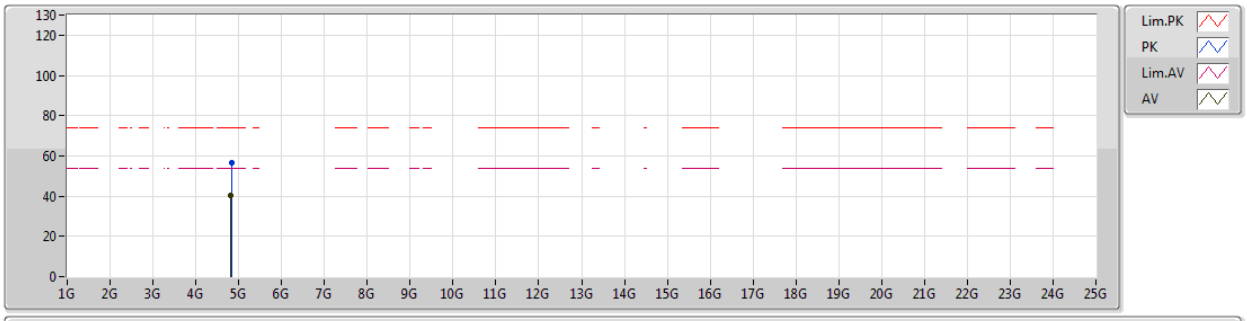
EUT Y_2TX
Setting 44/44
02-M-01
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.39G	73.94	74.00	-0.06	31.50	3	Horizontal	27	1.00	-
AV	2.39G	51.64	54.00	-2.36	31.50	3	Horizontal	27	1.00	-
PK	2.411G	108.58	Inf	-Inf	31.56	3	Horizontal	27	1.00	-
AV	2.405G	99.25	Inf	-Inf	31.54	3	Horizontal	27	1.00	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

16/10/2018



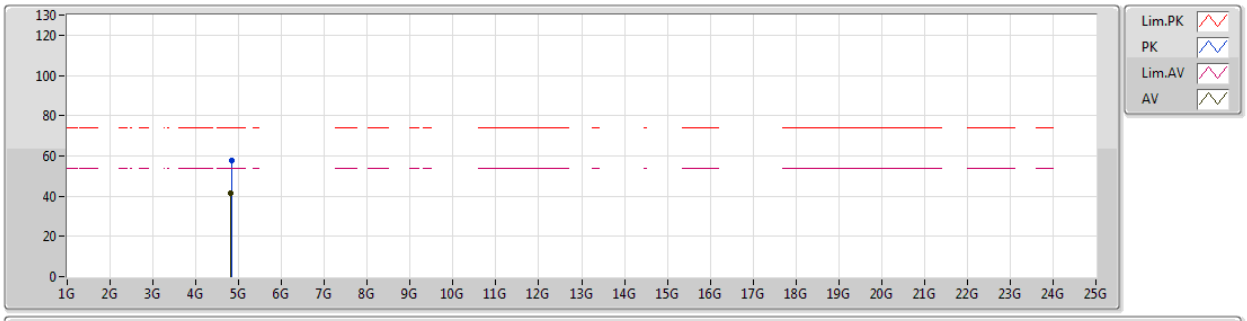
EUT Y_2TX
Setting 44/44
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.8308G	56.56	74.00	-17.44	7.94	3	Vertical	1	2.35	-
AV	4.8246G	40.13	54.00	-13.87	7.92	3	Vertical	1	2.35	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

16/10/2018



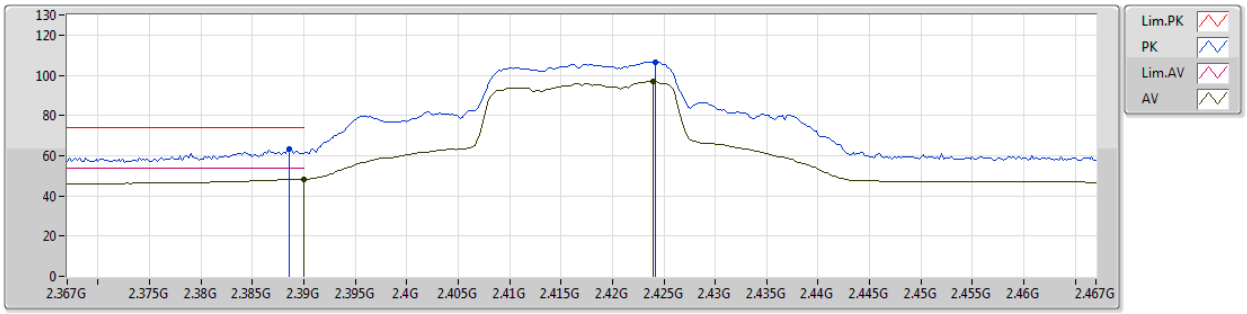
EUT Y_2TX
Setting 44/44
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.831G	57.71	74.00	-16.29	7.94	3	Horizontal	360	1.69	-
AV	4.8246G	41.69	54.00	-12.31	7.92	3	Horizontal	360	1.69	-

802.11n HT20_Nss1,(MCS0)_2TX

2417MHz_TX

16/10/2018



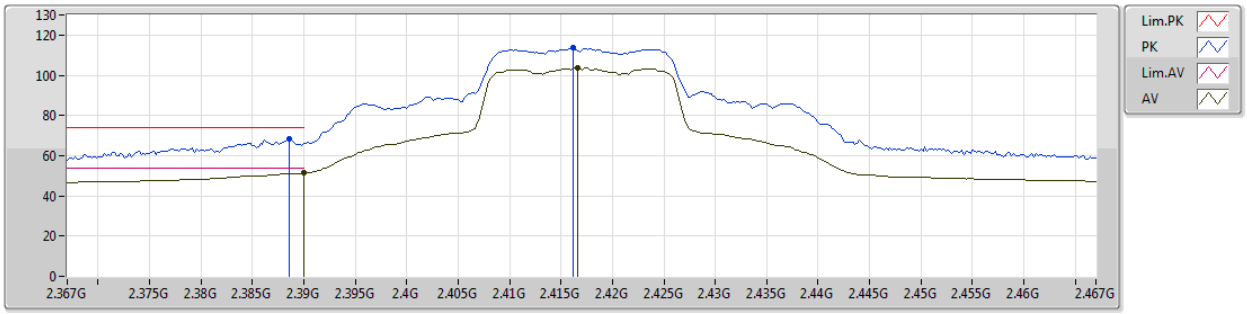
EUT Y_2TX
Setting 50/50
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3886G	63.43	74.00	-10.57	31.50	3	Vertical	9	1.46	-
AV	2.39G	48.34	54.00	-5.66	31.50	3	Vertical	9	1.46	-
PK	2.4242G	106.65	Inf	-Inf	31.58	3	Vertical	9	1.46	-
AV	2.424G	96.91	Inf	-Inf	31.58	3	Vertical	9	1.46	-

802.11n HT20_Nss1,(MCS0)_2TX

2417MHz_TX

16/10/2018



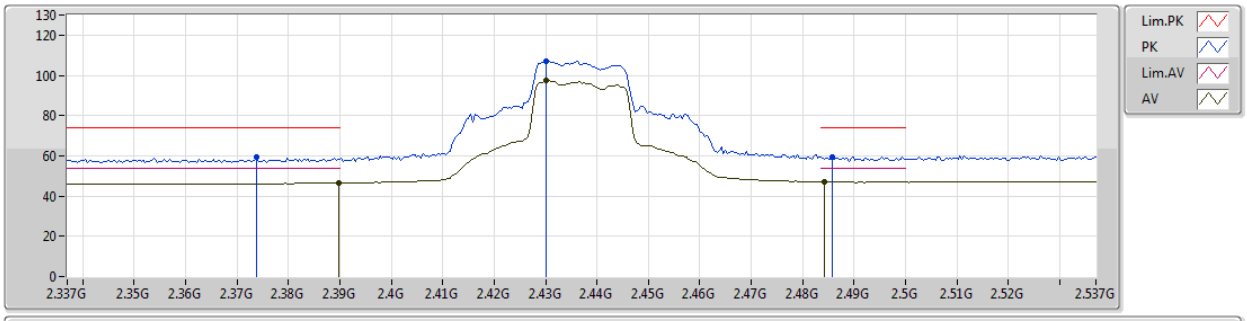
EUT Y_2TX
Setting 50/50
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3886G	68.15	74.00	-5.85	31.50	3	Horizontal	18	1.09	-
AV	2.39G	51.32	54.00	-2.68	31.50	3	Horizontal	18	1.09	-
PK	2.4162G	113.67	Inf	-Inf	31.57	3	Horizontal	18	1.09	-
AV	2.4166G	103.59	Inf	-Inf	31.57	3	Horizontal	18	1.09	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

16/10/2018



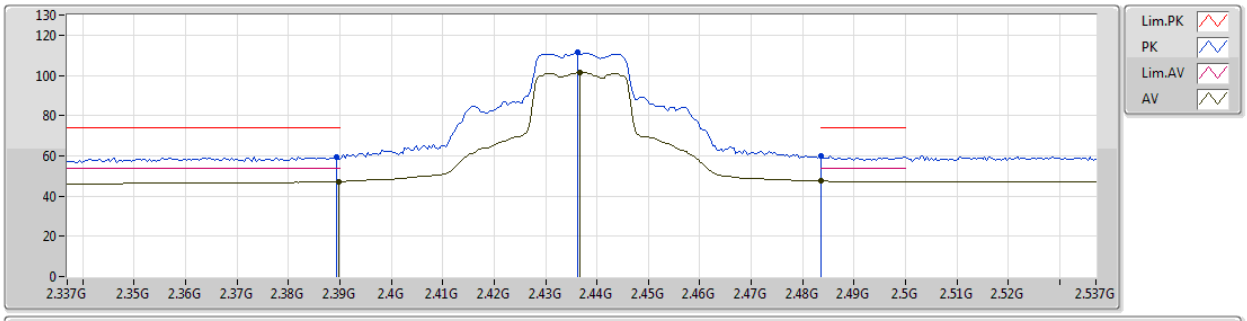
EUT Y_2TX
Setting 50/50
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3738G	59.26	74.00	-14.74	31.46	3	Vertical	9	1.43	-
AV	2.3898G	46.48	54.00	-7.52	31.50	3	Vertical	9	1.43	-
PK	2.4302G	107.01	Inf	-Inf	31.60	3	Vertical	9	1.43	-
AV	2.4302G	97.41	Inf	-Inf	31.60	3	Vertical	9	1.43	-
PK	2.4858G	59.66	74.00	-14.34	31.73	3	Vertical	9	1.43	-
AV	2.4842G	47.12	54.00	-6.88	31.73	3	Vertical	9	1.43	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

16/10/2018



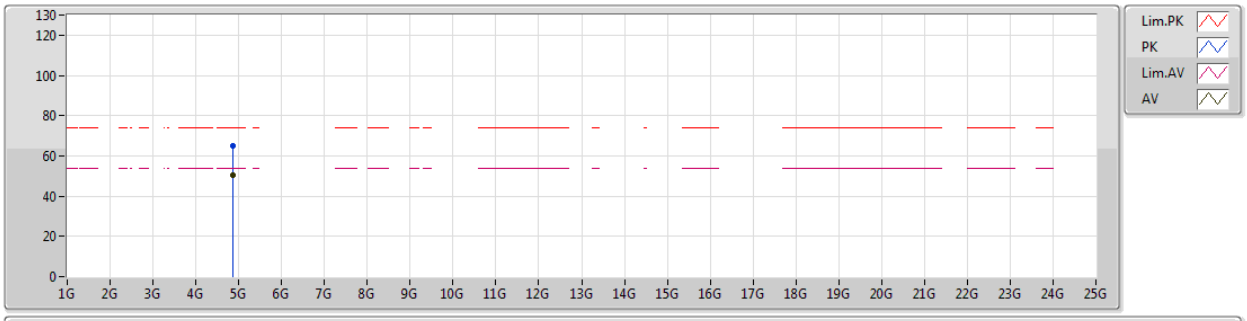
EUT Y_2TX
Setting 50/50
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3894G	59.54	74.00	-14.46	31.50	3	Horizontal	13	1.00	-
AV	2.3898G	47.24	54.00	-6.76	31.50	3	Horizontal	13	1.00	-
PK	2.4362G	111.59	Inf	-Inf	31.62	3	Horizontal	13	1.00	-
AV	2.4366G	101.59	Inf	-Inf	31.62	3	Horizontal	13	1.00	-
PK	2.4835G	59.72	74.00	-14.28	31.73	3	Horizontal	13	1.00	-
AV	2.4835G	47.45	54.00	-6.55	31.73	3	Horizontal	13	1.00	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

16/10/2018



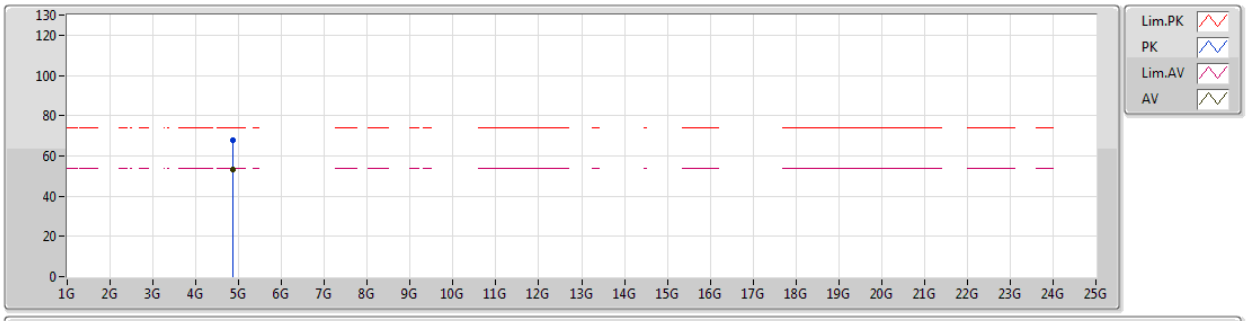
EUT Y_2TX
Setting 50/50
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.8722G	65.24	74.00	-8.76	8.02	3	Vertical	357	2.31	-
AV	4.8745G	50.49	54.00	-3.51	8.03	3	Vertical	357	2.31	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

16/10/2018



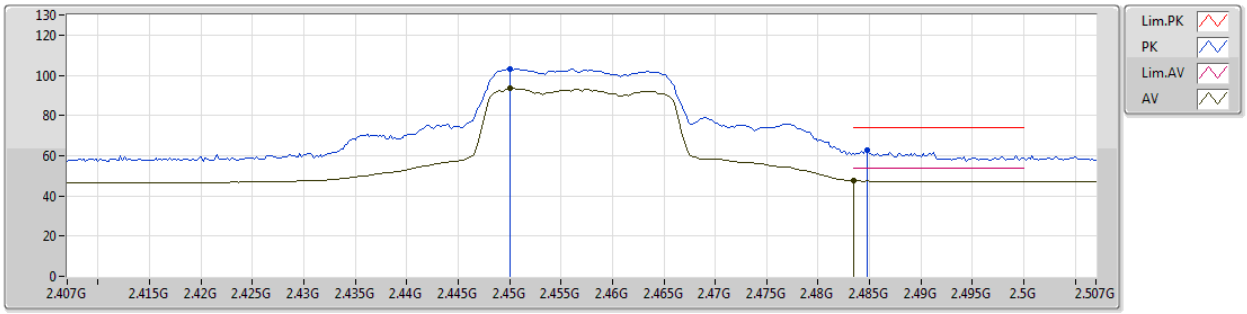
EUT Y_2TX
Setting 50/50
02-M-01
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.8722G	67.94	74.00	-6.06	8.02	3	Horizontal	337	1.29	-
AV	4.8745G	53.25	54.00	-0.75	8.03	3	Horizontal	337	1.29	-

802.11n HT20_Nss1,(MCS0)_2TX

16/10/2018

2457MHz_TX



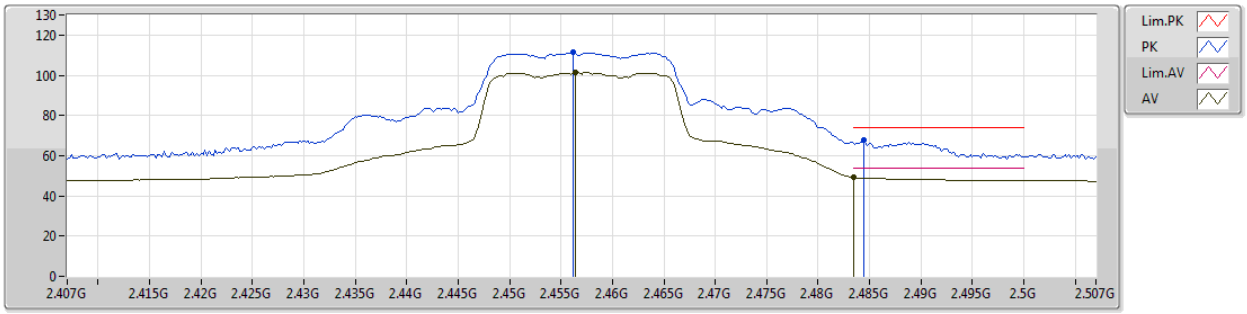
EUT Y_2TX
Setting 50/50
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.45G	103.17	Inf	-Inf	31.65	3	Vertical	118	2.89	-
AV	2.45G	93.40	Inf	-Inf	31.65	3	Vertical	118	2.89	-
PK	2.4848G	62.89	74.00	-11.11	31.73	3	Vertical	118	2.89	-
AV	2.4835G	47.43	54.00	-6.57	31.73	3	Vertical	118	2.89	-

802.11n HT20_Nss1,(MCS0)_2TX

2457MHz_TX

16/10/2018



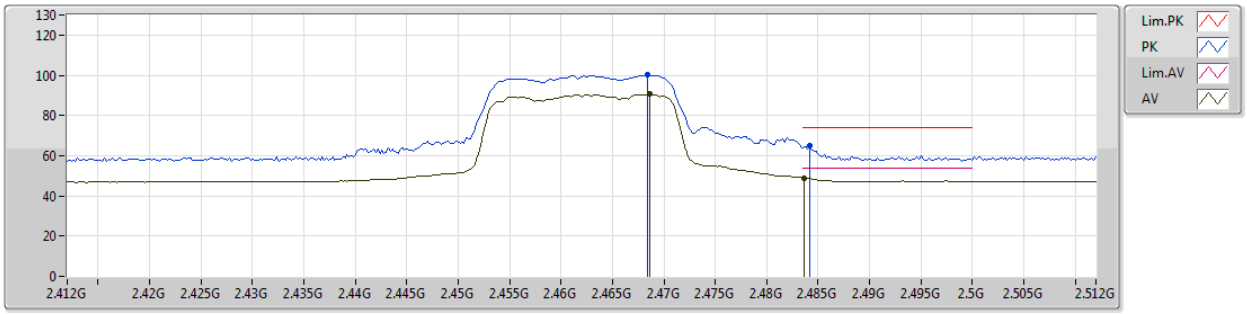
EUT Y_2TX
Setting 50/50
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.4562G	111.48	Inf	-Inf	31.66	3	Horizontal	41	1.05	-
AV	2.4564G	101.56	Inf	-Inf	31.66	3	Horizontal	41	1.05	-
PK	2.4844G	67.94	74.00	-6.06	31.73	3	Horizontal	41	1.05	-
AV	2.4835G	49.14	54.00	-4.86	31.73	3	Horizontal	41	1.05	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

16/10/2018



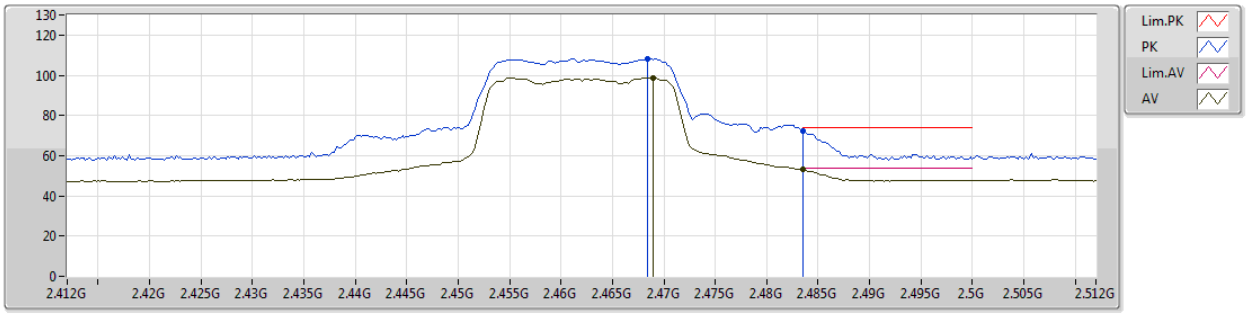
EUT Y_2TX
Setting 45/45
02-M-01
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.4684G	100.06	Inf	-Inf	31.69	3	Vertical	326	1.50	-
AV	2.4686G	90.52	Inf	-Inf	31.69	3	Vertical	326	1.50	-
PK	2.4842G	65.07	74.00	-8.93	31.73	3	Vertical	326	1.50	-
AV	2.4836G	48.93	54.00	-5.07	31.73	3	Vertical	326	1.50	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

16/10/2018



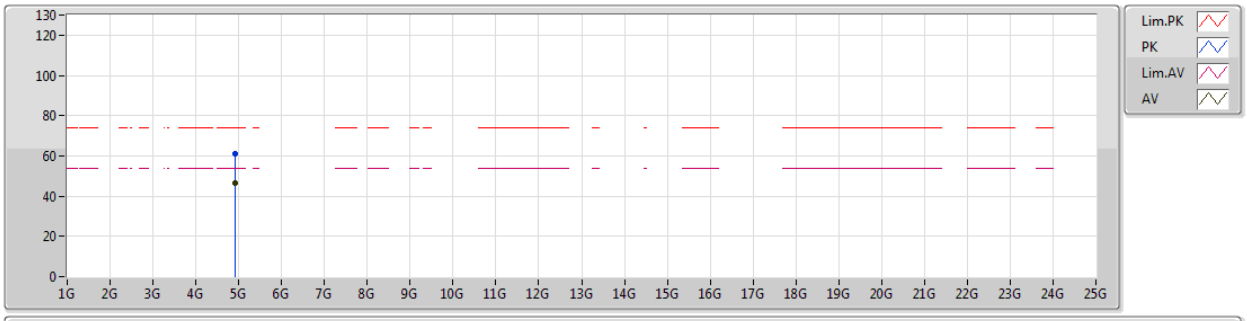
EUT Y_2TX
Setting 45/45
02-M-01
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.4684G	108.01	Inf	-Inf	31.69	3	Horizontal	39	1.41	-
AV	2.469G	98.60	Inf	-Inf	31.69	3	Horizontal	39	1.41	-
PK	2.4835G	72.04	74.00	-1.96	31.73	3	Horizontal	39	1.41	-
AV	2.4835G	53.13	54.00	-0.87	31.73	3	Horizontal	39	1.41	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

16/10/2018



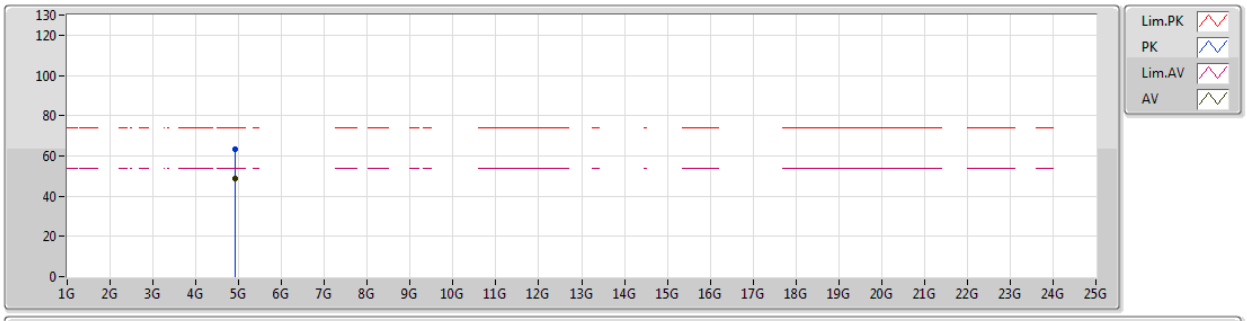
EUT Y_2TX
Setting 45/45
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.9222G	61.17	74.00	-12.83	8.12	3	Vertical	355	2.40	-
AV	4.9238G	46.57	54.00	-7.43	8.12	3	Vertical	355	2.40	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

16/10/2018



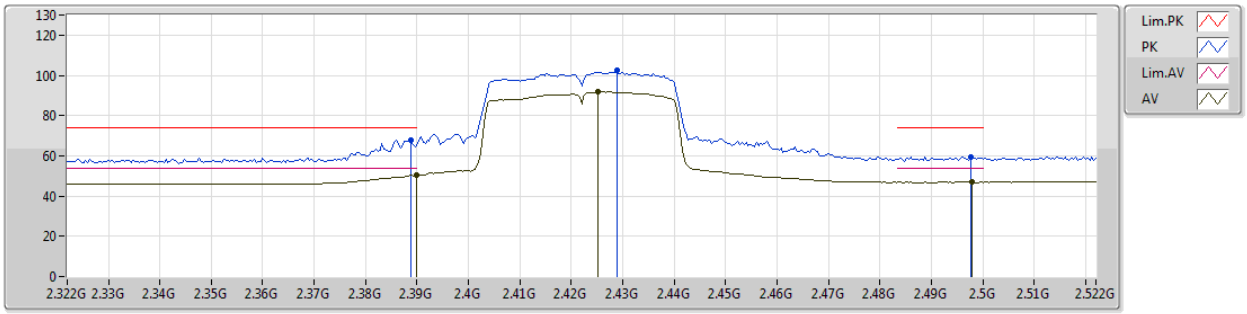
EUT Y_2TX
Setting 45/45
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.9222G	63.27	74.00	-10.73	8.12	3	Horizontal	359	1.72	-
AV	4.9246G	48.78	54.00	-5.22	8.12	3	Horizontal	359	1.72	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

16/10/2018



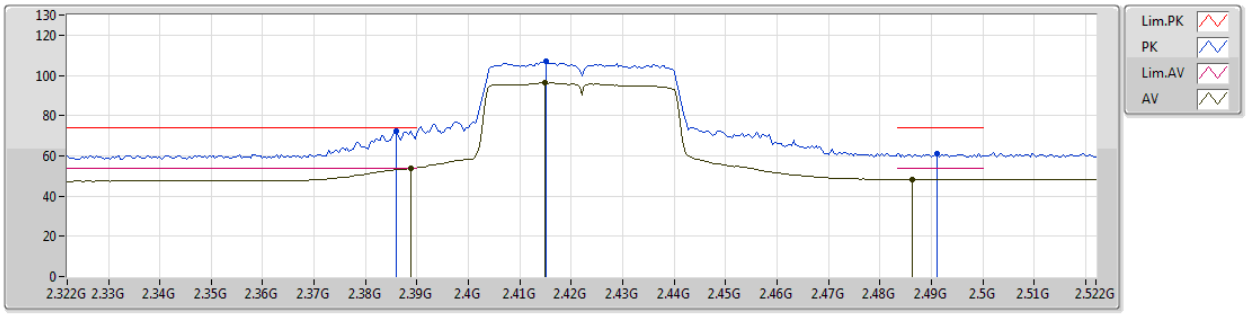
EUT Y_2TX
Setting 43/43
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3888G	67.72	74.00	-6.28	31.50	3	Vertical	9	1.45	-
AV	2.39G	50.21	54.00	-3.79	31.50	3	Vertical	9	1.45	-
PK	2.4288G	102.28	Inf	-Inf	31.60	3	Vertical	9	1.45	-
AV	2.4252G	91.65	Inf	-Inf	31.60	3	Vertical	9	1.45	-
PK	2.4976G	59.31	74.00	-14.69	31.77	3	Vertical	9	1.45	-
AV	2.498G	46.89	54.00	-7.11	31.77	3	Vertical	9	1.45	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

16/10/2018



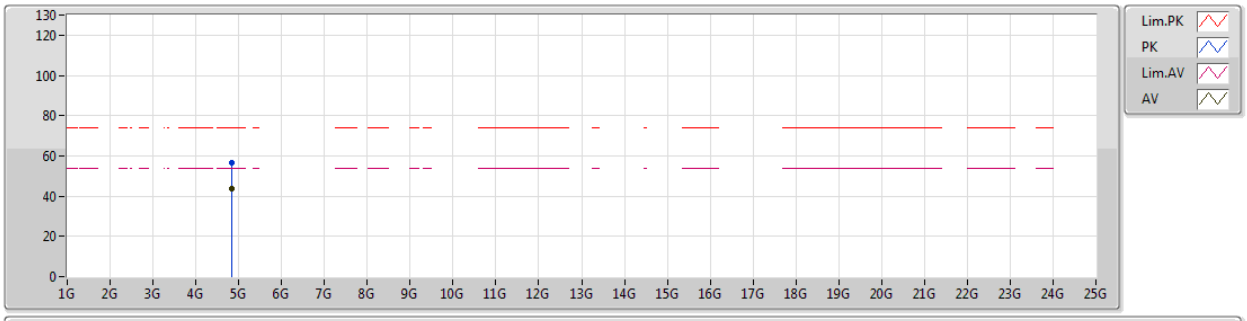
EUT Y_2TX
Setting 43/43
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.386G	72.56	74.00	-1.44	31.49	3	Horizontal	34	1.09	-
AV	2.3888G	53.95	54.00	-0.05	31.50	3	Horizontal	34	1.09	-
PK	2.4152G	107.13	Inf	-Inf	31.57	3	Horizontal	34	1.09	-
AV	2.4148G	96.18	Inf	-Inf	31.57	3	Horizontal	34	1.09	-
PK	2.4912G	61.26	74.00	-12.74	31.74	3	Horizontal	34	1.09	-
AV	2.4864G	48.25	54.00	-5.75	31.74	3	Horizontal	34	1.09	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

16/10/2018



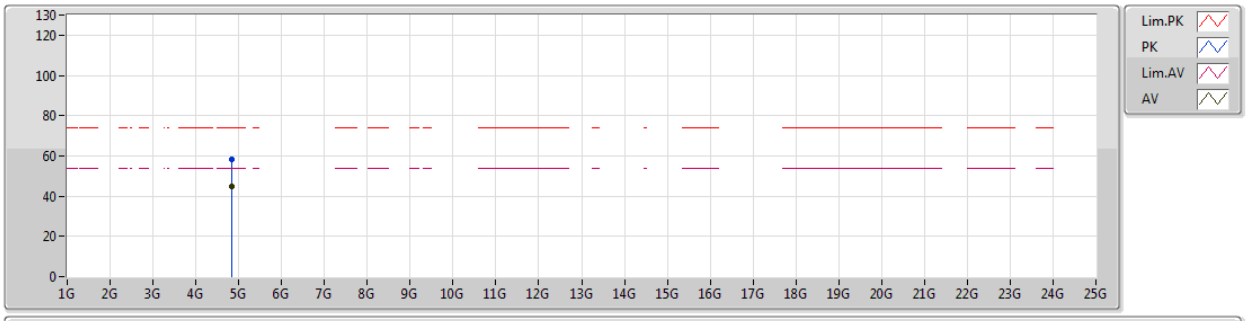
EUT Y_2TX
Setting 43/43
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.8445G	56.56	74.00	-17.44	7.97	3	Vertical	3	2.11	-
AV	4.844G	43.63	54.00	-10.37	7.96	3	Vertical	3	2.11	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

16/10/2018



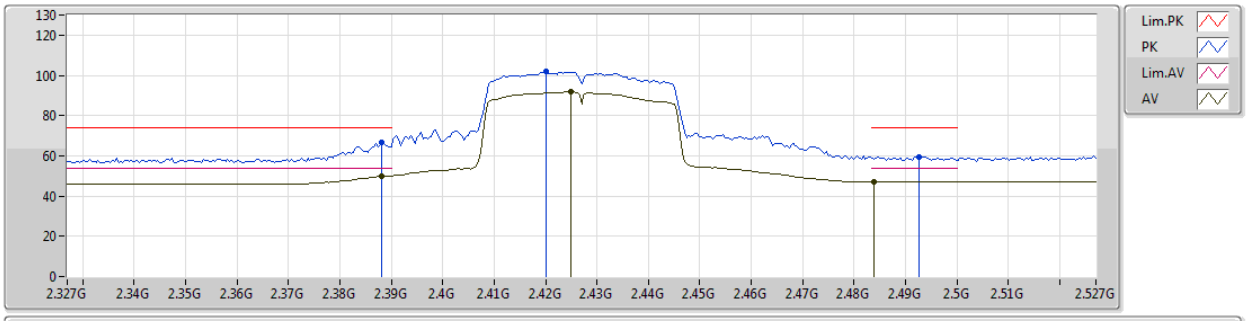
EUT Y_2TX
Setting 43/43
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.8422G	58.14	74.00	-15.86	7.96	3	Horizontal	8	1.79	-
AV	4.8441G	45.08	54.00	-8.92	7.96	3	Horizontal	8	1.79	-

802.11n HT40_Nss1,(MCS0)_2TX

2427MHz_TX

16/10/2018



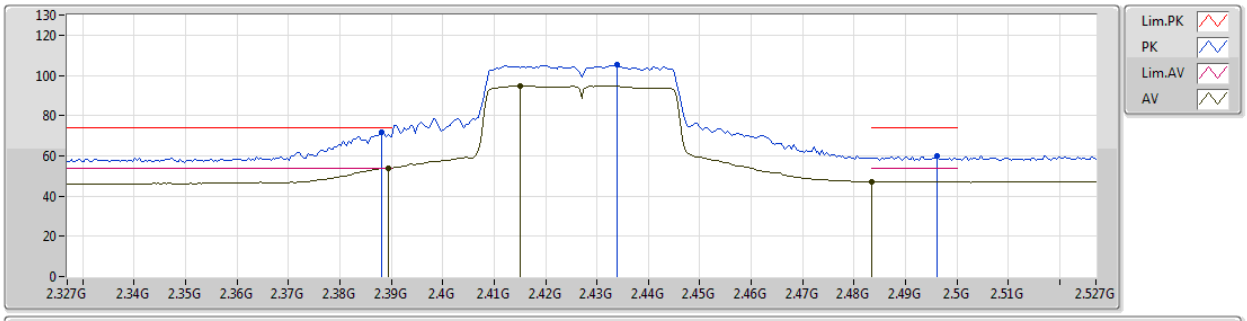
EUT Y_2TX
Setting 44/44
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3882G	66.83	74.00	-7.17	31.50	3	Vertical	2	1.47	-
AV	2.3882G	50.00	54.00	-4.00	31.50	3	Vertical	2	1.47	-
PK	2.4202G	102.04	Inf	-Inf	31.58	3	Vertical	2	1.47	-
AV	2.425G	91.82	Inf	-Inf	31.58	3	Vertical	2	1.47	-
PK	2.4926G	59.51	74.00	-14.49	31.76	3	Vertical	2	1.47	-
AV	2.4838G	47.02	54.00	-6.98	31.73	3	Vertical	2	1.47	-

802.11n HT40_Nss1,(MCS0)_2TX

2427MHz_TX

16/10/2018



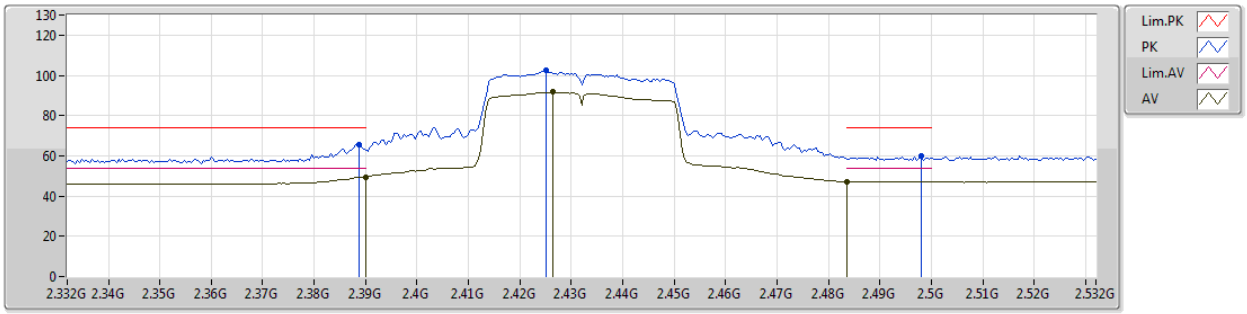
EUT Y_2TX
Setting 44/44
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3882G	71.91	74.00	-2.09	31.50	3	Horizontal	25	1.47	-
AV	2.3894G	53.76	54.00	-0.24	31.50	3	Horizontal	25	1.47	-
PK	2.4338G	105.40	Inf	-Inf	31.61	3	Horizontal	25	1.47	-
AV	2.415G	94.82	Inf	-Inf	31.57	3	Horizontal	25	1.47	-
PK	2.4962G	59.71	74.00	-14.29	31.76	3	Horizontal	25	1.47	-
AV	2.4835G	47.18	54.00	-6.82	31.73	3	Horizontal	25	1.47	-

802.11n HT40_Nss1,(MCS0)_2TX

2432MHz_TX

16/10/2018



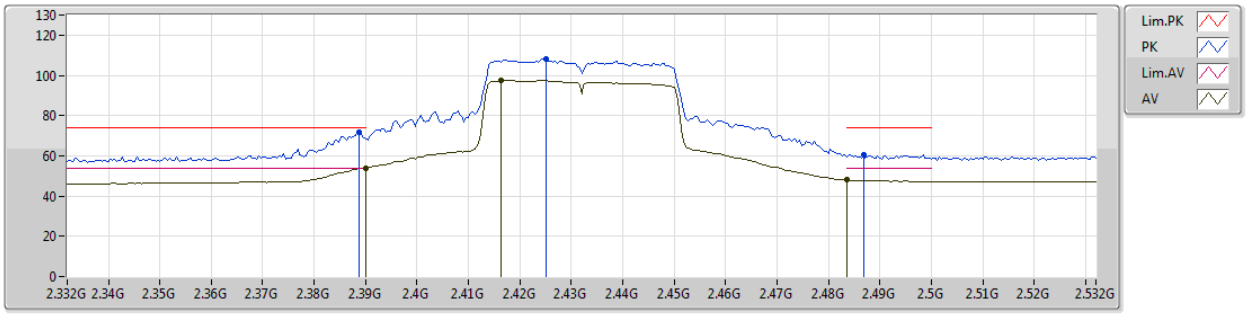
EUT Y_2TX
Setting 45/45
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3888G	65.80	74.00	-8.20	31.50	3	Vertical	11	1.46	-
AV	2.39G	49.44	54.00	-4.56	31.50	3	Vertical	11	1.46	-
PK	2.4252G	102.56	Inf	-Inf	31.60	3	Vertical	11	1.46	-
AV	2.4264G	91.65	Inf	-Inf	31.60	3	Vertical	11	1.46	-
PK	2.498G	59.83	74.00	-14.17	31.77	3	Vertical	11	1.46	-
AV	2.4835G	47.12	54.00	-6.88	31.73	3	Vertical	11	1.46	-

802.11n HT40_Nss1,(MCS0)_2TX

2432MHz_TX

16/10/2018



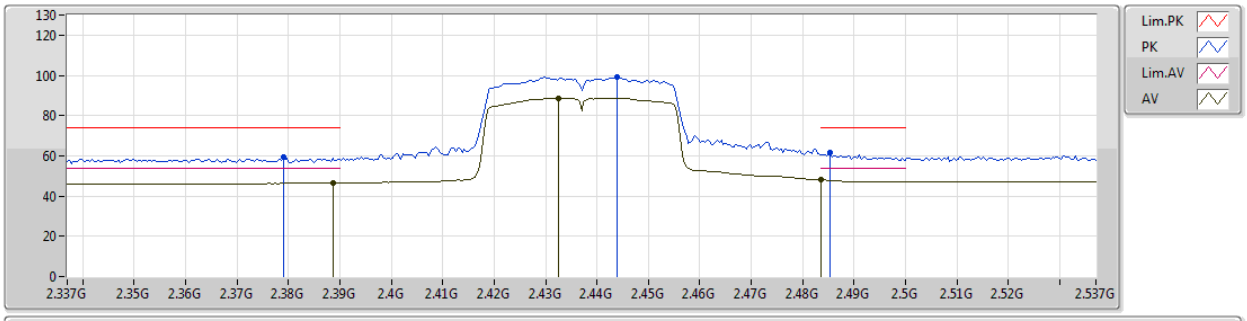
EUT Y_2TX
Setting 45/45
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3888G	71.82	74.00	-2.18	31.50	3	Horizontal	22	1.10	-
AV	2.39G	53.87	54.00	-0.13	31.50	3	Horizontal	22	1.10	-
PK	2.4252G	108.21	Inf	-Inf	31.60	3	Horizontal	22	1.10	-
AV	2.4164G	97.44	Inf	-Inf	31.57	3	Horizontal	22	1.10	-
PK	2.4868G	60.59	74.00	-13.41	31.74	3	Horizontal	22	1.10	-
AV	2.4835G	47.92	54.00	-6.08	31.73	3	Horizontal	22	1.10	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

16/10/2018



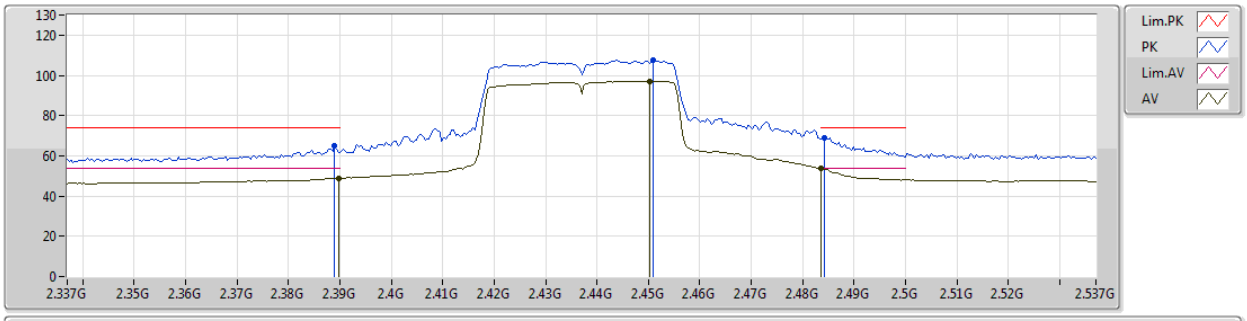
EUT Y_2TX
Setting 49/49
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.379G	59.14	74.00	-14.86	31.48	3	Vertical	304	1.66	-
AV	2.3886G	46.46	54.00	-7.54	31.50	3	Vertical	304	1.66	-
PK	2.4438G	99.41	Inf	-Inf	31.64	3	Vertical	304	1.66	-
AV	2.4326G	88.62	Inf	-Inf	31.61	3	Vertical	304	1.66	-
PK	2.4854G	61.44	74.00	-12.56	31.73	3	Vertical	304	1.66	-
AV	2.4835G	48.12	54.00	-5.88	31.73	3	Vertical	304	1.66	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

16/10/2018



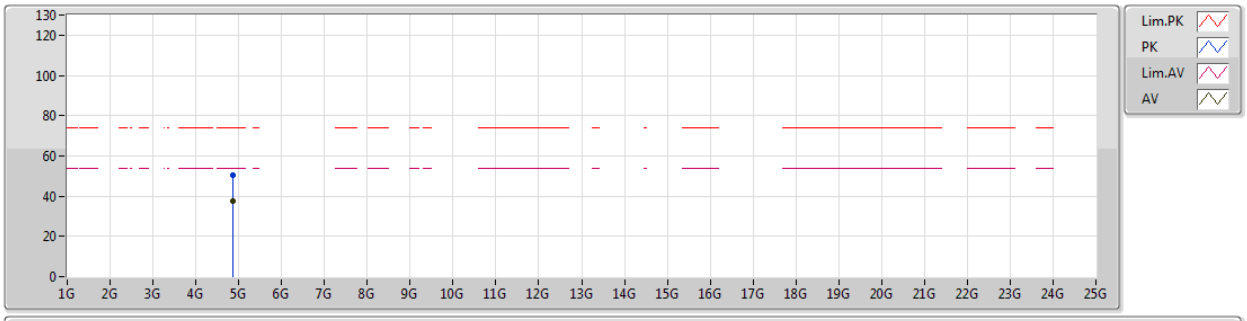
EUT Y_2TX
Setting 49/49
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.389G	64.93	74.00	-9.07	31.50	3	Horizontal	39	1.22	-
AV	2.3898G	48.72	54.00	-5.28	31.50	3	Horizontal	39	1.22	-
PK	2.451G	107.67	Inf	-Inf	31.65	3	Horizontal	39	1.22	-
AV	2.4502G	97.14	Inf	-Inf	31.65	3	Horizontal	39	1.22	-
PK	2.4842G	68.91	74.00	-5.09	31.73	3	Horizontal	39	1.22	-
AV	2.4836G	53.72	54.00	-0.28	31.73	3	Horizontal	39	1.22	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

16/10/2018



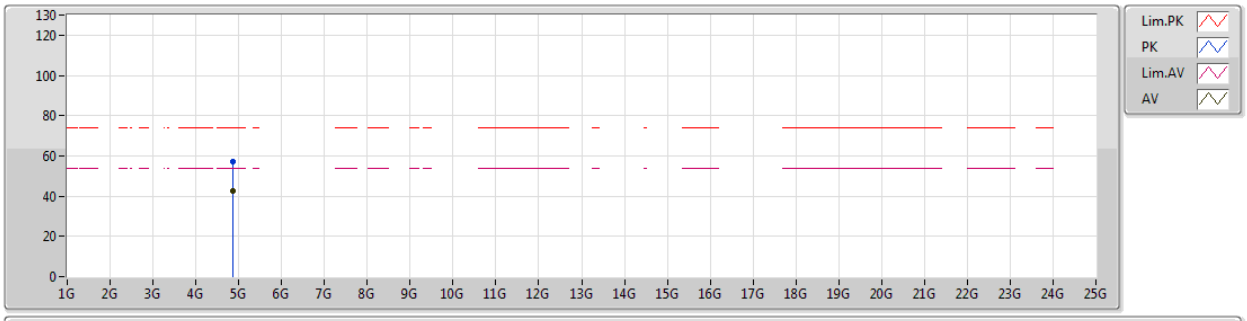
EUT Y_2TX
Setting 49/49
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.8741G	50.53	74.00	-23.47	8.03	3	Vertical	35	1.50	-
AV	4.8739G	37.43	54.00	-16.57	8.03	3	Vertical	35	1.50	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

16/10/2018



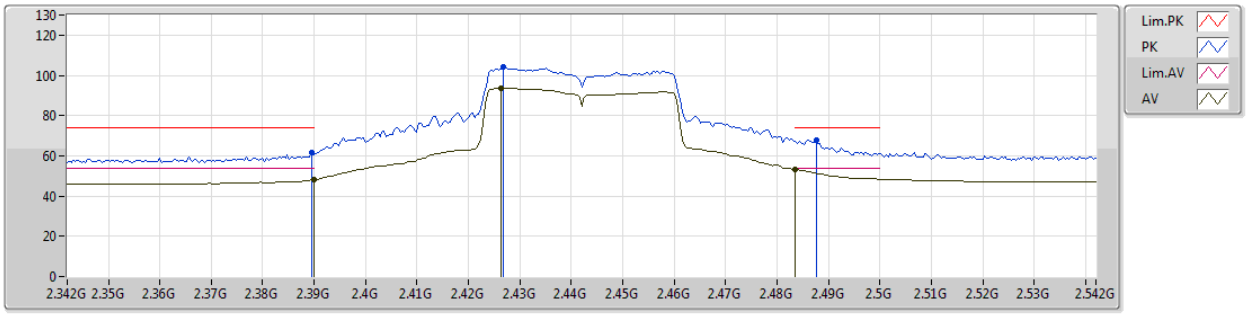
EUT Y_2TX
Setting 49/49
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.872G	57.00	74.00	-17.00	8.02	3	Horizontal	1	1.78	-
AV	4.8741G	42.78	54.00	-11.22	8.03	3	Horizontal	1	1.78	-

802.11n HT40_Nss1,(MCS0)_2TX

2442MHz_TX

17/10/2018



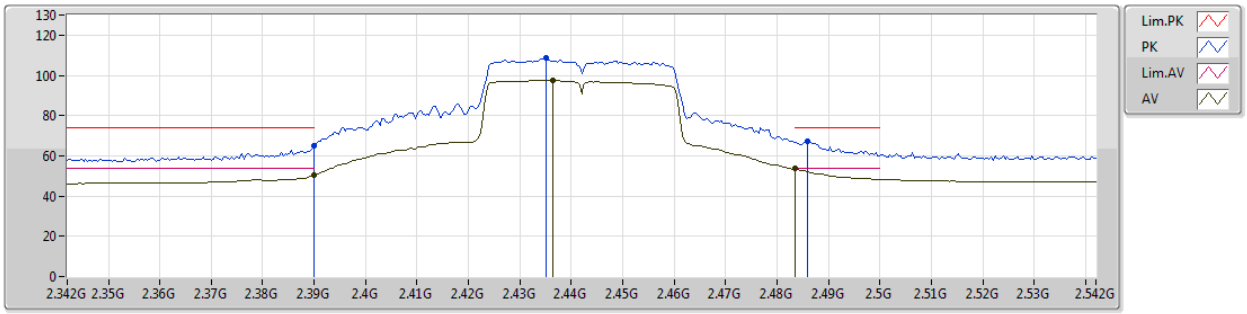
EUT Y_2TX
Setting 48/48
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3896G	61.38	74.00	-12.62	31.50	3	Vertical	7	1.46	-
AV	2.39G	48.17	54.00	-5.83	31.50	3	Vertical	7	1.46	-
PK	2.4268G	104.01	Inf	-Inf	31.60	3	Vertical	7	1.46	-
AV	2.4264G	93.62	Inf	-Inf	31.60	3	Vertical	7	1.46	-
PK	2.4876G	67.81	74.00	-6.19	31.74	3	Vertical	7	1.46	-
AV	2.4835G	53.14	54.00	-0.86	31.73	3	Vertical	7	1.46	-

802.11n HT40_Nss1,(MCS0)_2TX

2442MHz_TX

17/10/2018



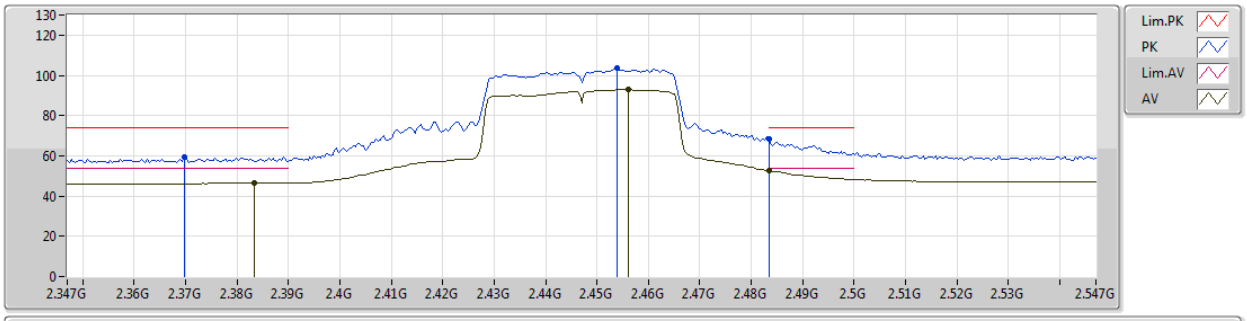
EUT Y_2TX
Setting 48/48
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.39G	65.14	74.00	-8.86	31.50	3	Horizontal	27	1.26	-
AV	2.39G	50.61	54.00	-3.39	31.50	3	Horizontal	27	1.26	-
PK	2.4352G	108.65	Inf	-Inf	31.61	3	Horizontal	27	1.26	-
AV	2.4364G	97.66	Inf	-Inf	31.62	3	Horizontal	27	1.26	-
PK	2.486G	67.42	74.00	-6.58	31.73	3	Horizontal	27	1.26	-
AV	2.4836G	53.53	54.00	-0.47	31.73	3	Horizontal	27	1.26	-

802.11n HT40_Nss1,(MCS0)_2TX

2447MHz_TX

17/10/2018



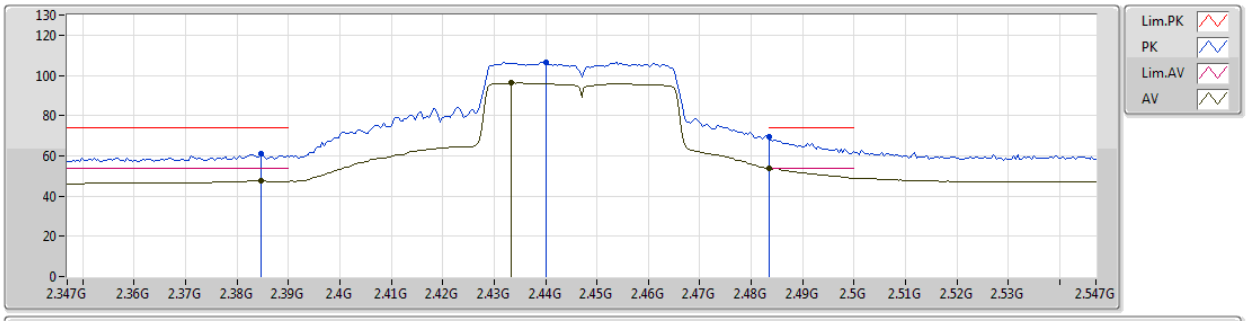
EUT Y_2TX
Setting 46/46
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3698G	59.56	74.00	-14.44	31.45	3	Vertical	5	1.58	-
AV	2.3834G	46.56	54.00	-7.44	31.49	3	Vertical	5	1.58	-
PK	2.4538G	103.63	Inf	-Inf	31.66	3	Vertical	5	1.58	-
AV	2.4562G	92.90	Inf	-Inf	31.66	3	Vertical	5	1.58	-
PK	2.4835G	68.22	74.00	-5.78	31.73	3	Vertical	5	1.58	-
AV	2.4835G	52.64	54.00	-1.36	31.73	3	Vertical	5	1.58	-

802.11n HT40_Nss1,(MCS0)_2TX

2447MHz_TX

17/10/2018



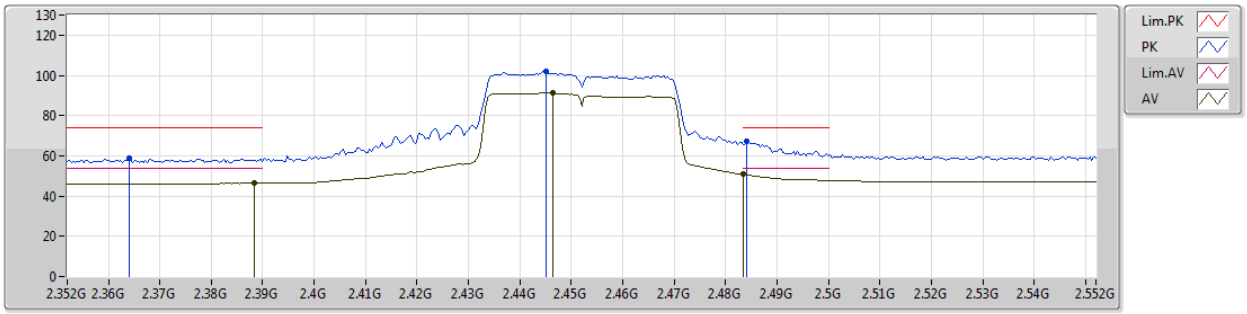
EUT Y_2TX
Setting 46/46
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3846G	60.89	74.00	-13.11	31.49	3	Horizontal	21	1.10	-
AV	2.3846G	47.58	54.00	-6.42	31.49	3	Horizontal	21	1.10	-
PK	2.4402G	106.64	Inf	-Inf	31.62	3	Horizontal	21	1.10	-
AV	2.4334G	96.18	Inf	-Inf	31.61	3	Horizontal	21	1.10	-
PK	2.4835G	69.33	74.00	-4.67	31.73	3	Horizontal	21	1.10	-
AV	2.4835G	53.76	54.00	-0.24	31.73	3	Horizontal	21	1.10	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

16/10/2018



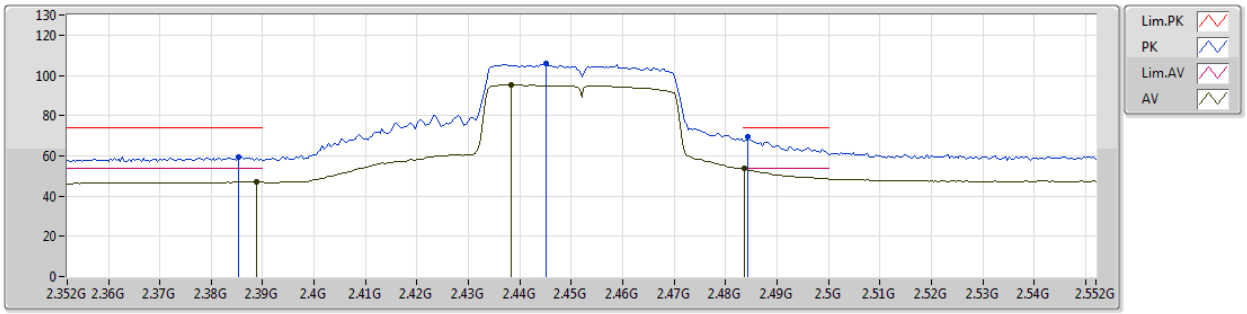
EUT Y_2TX
Setting 44/44
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.364G	58.88	74.00	-15.12	31.44	3	Vertical	9	1.36	-
AV	2.3884G	46.38	54.00	-7.62	31.50	3	Vertical	9	1.36	-
PK	2.4452G	102.06	Inf	-Inf	31.64	3	Vertical	9	1.36	-
AV	2.4464G	91.20	Inf	-Inf	31.64	3	Vertical	9	1.36	-
PK	2.484G	67.39	74.00	-6.61	31.73	3	Vertical	9	1.36	-
AV	2.4835G	50.87	54.00	-3.13	31.73	3	Vertical	9	1.36	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

16/10/2018



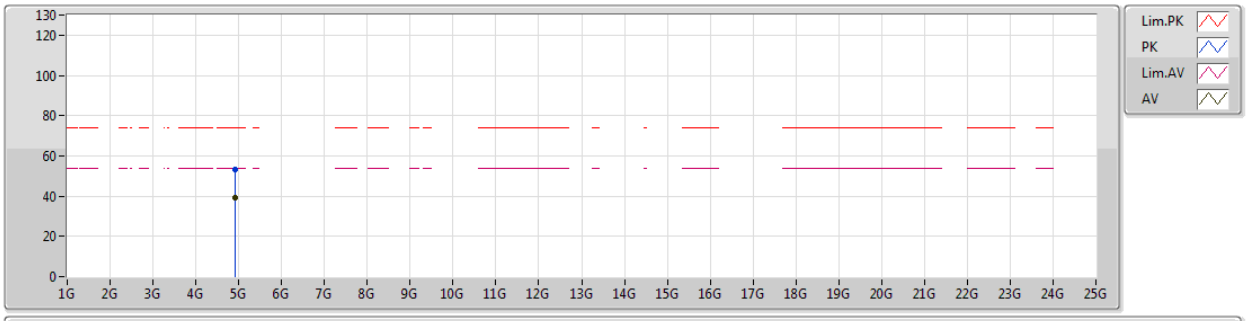
EUT Y_2TX
Setting 44/44
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	2.3852G	59.53	74.00	-14.47	31.49	3	Horizontal	41	1.04	-
AV	2.3888G	47.01	54.00	-6.99	31.50	3	Horizontal	41	1.04	-
PK	2.4452G	105.79	Inf	-Inf	31.64	3	Horizontal	41	1.04	-
AV	2.4384G	95.20	Inf	-Inf	31.62	3	Horizontal	41	1.04	-
PK	2.4844G	69.37	74.00	-4.63	31.73	3	Horizontal	41	1.04	-
AV	2.4836G	53.62	54.00	-0.38	31.73	3	Horizontal	41	1.04	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

16/10/2018



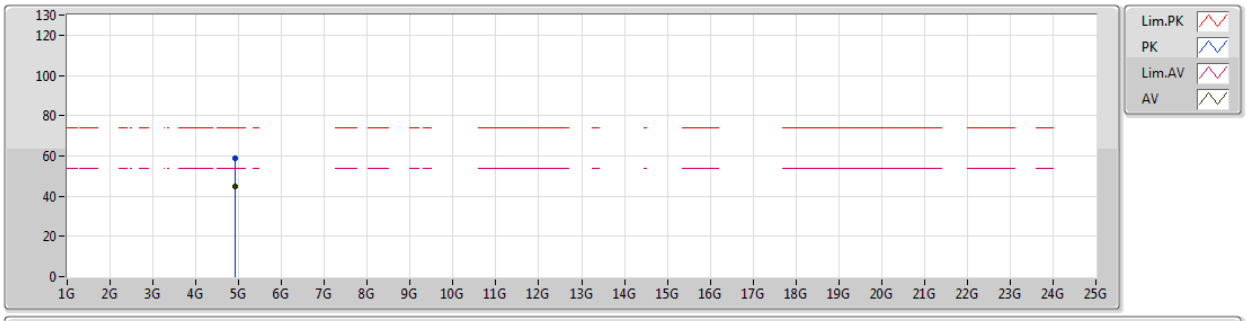
EUT Y_2TX
Setting 44/44
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.9045G	53.06	74.00	-20.94	8.09	3	Vertical	27	1.68	-
AV	4.904G	39.10	54.00	-14.90	8.09	3	Vertical	27	1.68	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

16/10/2018



EUT Y_2TX
Setting 44/44
02-C-5
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.9104G	59.03	74.00	-14.97	8.10	3	Horizontal	3	1.73	-
AV	4.904G	44.86	54.00	-9.14	8.09	3	Horizontal	3	1.73	-