FCC Test Report

Equipment	:	DHUR-AZ68 11a/b/g/n/ac 2x2 module
Brand Name	:	WNC
Model No.	:	DHUR-AZ68
FCC ID	:	NKR-DHURAZ68
Standard	:	47 CFR FCC Part 15.247
Operating Band	:	2400 MHz – 2483.5 MHz
Function	:	☒ Point-to-multipoint; ☐ Point-to-point
Applicant	:	Wistron NeWeb Corporation 20 Park Avenue II, Hsinchu Science Park, Hsinchu 308, Taiwan
Manufacturer	:	Wistron NeWeb Corporation 20 Park Avenue II, Hsinchu Science Park, Hsinchu 308, Taiwan

The product sample received on Oct. 20, 2017 and completely tested on Feb. 07, 2018. We, SPORTON, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Cliff Chang
SPORTON INTERNATIONAL INC.

Testing Laboratory
1190

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Summary of Test Result

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

Revision History

Report No.	Version	Description	Issued Date
FR7D1249AA	Rev. 01	Initial issue of report	Feb. 12, 2018

1 General Description

1.1 Information

1.1.1 RF General Information

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

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	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

Set	Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)		
							WLAN 2.4GHz	WLAN 5GHz	Bluetooth
1	1	1	WNC	-	Printed Antenna	N/A	5.31	5.92	-
	2	2	WNC	-	Printed Antenna	N/A	5.26	5.91	-
2	3	1	WNC	-	PIFA Antenna	I-PEX	1.54	3.52	-
	4	2	WNC	-	PIFA Antenna	I-PEX	0.15	2.83	-
3	5	1	WNC	-	PIFA Antenna	I-PEX	3.56	5.59	-
	6	2	WNC	-	PIFA Antenna	I-PEX	2.14	5.08	-
4	7	1	WNC	-	PIFA Antenna	I-PEX	-	-	3.90
5	8	1	WNC	-	PIFA Antenna	I-PEX	-	-	1.18
6	9	1	WNC	-	PIFA Antenna	I-PEX	-	-	0.01

Note: The EUT has six set antennas, and they have total of nine antennas.

For 2.4GHz / 5GHz WLAN function (2TX/2RX):

Antenna set 1~3 support 2.4GHz / 5GHz WLAN function.

Port 1 and Port 2 could transmit/receive simultaneously.

For Bluetooth function (1TX/1RX):

Antenna set 4~6 support Bluetooth function.

Antenna set 4~6 are the same type antennas, only the higher gain antenna “Set 4” was tested.

Only Port 1 can be used as transmitting/receiving.

1.1.3 Mode Test Duty Cycle

Test Mode: Mode 1. EUT with Set 1 antennas

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.998	0.009	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	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)

Test Mode: Mode 2. EUT with Set 2 antennas

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.998	0.009	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	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)

Test Mode: Mode 3. EUT with Set 3 antennas

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)

1.1.4 EUT Operational Condition

EUT Power Type	From host system			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Test Software Version	QATool_Dbg.exe			

1.2 Testing Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- 47 CFR FCC Part 15
- ANSI C63.10-2013
- FCC KDB 558074 D01 v04
- FCC KDB 662911 D01 v02r01
- FCC KDB 412172 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-CB	Stim Sung	25°C / 55%	Dec. 18, 2017~Dec. 27, 2017
Radiated	03CH01-CB (For below 1GHz)	Brain Sun, RJ Huang, Cola Fan, Mason Chen, Justin Lin, DK Chang	22°C / 54%	Feb. 07, 2018
Radiated	03CH01-CB (For above 1GHz)	Brain Sun, RJ Huang, Cola Fan, Mason Chen, Justin Lin, DK Chang	22°C / 54%	Oct. 20, 2017~Jan. 30, 2018
AC Conduction	CO01-CB	Deven Huang	20°C / 60%	Feb. 07, 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

Test Mode: Mode 1. EUT with Set 1 antennas

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	1B
2437MHz	1C
2462MHz	20
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	1F
2417MHz	29
2437MHz	29
2457MHz	29
2462MHz	20
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	21
2417MHz	29
2437MHz	29
2457MHz	29
2462MHz	20
802.11n HT40_Nss1,(MCS0)_2TX	-
2422MHz	1D
2427MHz	20
2432MHz	22
2437MHz	24
2442MHz	23
2447MHz	20
2452MHz	1E

Test Mode: Mode 2. EUT with Set 2 antennas

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	1F
2437MHz	21
2462MHz	20
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	20
2417MHz	26
2422MHz	29
2437MHz	29
2457MHz	29
2462MHz	21
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	21
2417MHz	29
2437MHz	29
2457MHz	29
2462MHz	21
802.11n HT40_Nss1,(MCS0)_2TX	-
2422MHz	21
2427MHz	23
2432MHz	24
2437MHz	26
2442MHz	23
2447MHz	21
2452MHz	1F

Test Mode: Mode 3. EUT with Set 3 antennas

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	21
2437MHz	21
2462MHz	24
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	20
2437MHz	2A
2457MHz	2A
2462MHz	22
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	21
2437MHz	29
2457MHz	29
2462MHz	21
802.11n HT40_Nss1,(MCS0)_2TX	-
2422MHz	20
2427MHz	22
2432MHz	24
2437MHz	24
2442MHz	21
2447MHz	1F
2452MHz	1F

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	CTX
1. For 2.4GHz / 5GHz WLAN function: Antenna set 2~3 are the same type antennas, only the higher gain antenna “Set 3” was tested. 2. For Bluetooth function: Antenna set 4~6 are the same type antennas, only the higher gain antenna “Set 4” was tested.	
1	EUT with Set 1 antennas (2.4GHz WLAN function)
2	EUT with Set 3 antennas (2.4GHz WLAN function)
3	EUT with Set 1 antennas (5GHz WLAN function)
4	EUT with Set 3 antennas (5GHz WLAN function)
5	EUT with Set 4 antennas (Bluetooth function)
For operating mode 1 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	CTX
1	EUT with Set 1 antennas
2	EUT with Set 2 antennas
3	EUT with Set 3 antennas

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	CTX
The EUT was performed at X axis, Y axis and Z axis position for Emissions in Restricted Frequency Bands above 1GHz test. 1. For Set 1 antennas (2.4GHz WLAN function): the worst case was found at X axis. 2. For Set 2 antennas (2.4GHz WLAN function): the worst case was found at Z axis. 3. For Set 3 antennas (2.4GHz WLAN function): the worst case was found at Y axis. 4. For Set 1 antennas (5GHz WLAN function): the worst case was found at X axis. 5. For Set 2 antennas (5GHz WLAN function): the worst case was found at Y axis. 6. For Set 3 antennas (5GHz WLAN function): the worst case was found at Y axis. 7. For Set 4 antennas (Bluetooth function): the worst case was found at Y axis. From the above, so the measurement will follow this same test configuration.	
1	EUT X axis with Set 1 antennas (2.4GHz WLAN function)
2	EUT Z axis with Set 2 antennas (2.4GHz WLAN function)
3	EUT Y axis with Set 3 antennas (2.4GHz WLAN function)
4	EUT X axis with Set 1 antennas (5GHz WLAN function)
5	EUT Y axis with Set 2 antennas (5GHz WLAN function)
6	EUT Y axis with Set 3 antennas (5GHz WLAN function)
7	EUT Y axis with Set 4 antennas (Bluetooth function)
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
The EUT was performed at X axis, Y axis and Z axis position for Emissions in Restricted Frequency Bands above 1GHz test. 1. For Set 1 antennas: the worst case was found at X axis. 2. For Set 2 antennas: the worst case was found at Z axis. 3. For Set 3 antennas: the worst case was found at Y axis. From the above, so the measurement will follow this same test configuration.	
1	EUT X axis with Set 1 antennas
2	EUT Z axis with Set 2 antennas
3	EUT Y axis with Set 3 antennas

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	EUT with Set 1 and Set 4 antennas (2.4GHz WLAN + Bluetooth function)
2	EUT with Set 1 and Set 4 antennas (5GHz WLAN + Bluetooth function)
3	EUT with Set 2 and Set 4 antennas (2.4GHz WLAN + Bluetooth function)
4	EUT with Set 2 and Set 4 antennas (5GHz WLAN + Bluetooth function)
5	EUT with Set 3 and Set 4 antennas (2.4GHz WLAN + Bluetooth function)
6	EUT with Set 3 and Set 4 antennas (5GHz WLAN + Bluetooth function)
Refer to Sporton Test Report No.: FA7D1249 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

2.4 Accessories

N/A

2.5 Support Equipment

For Test Site No: CO01-CB

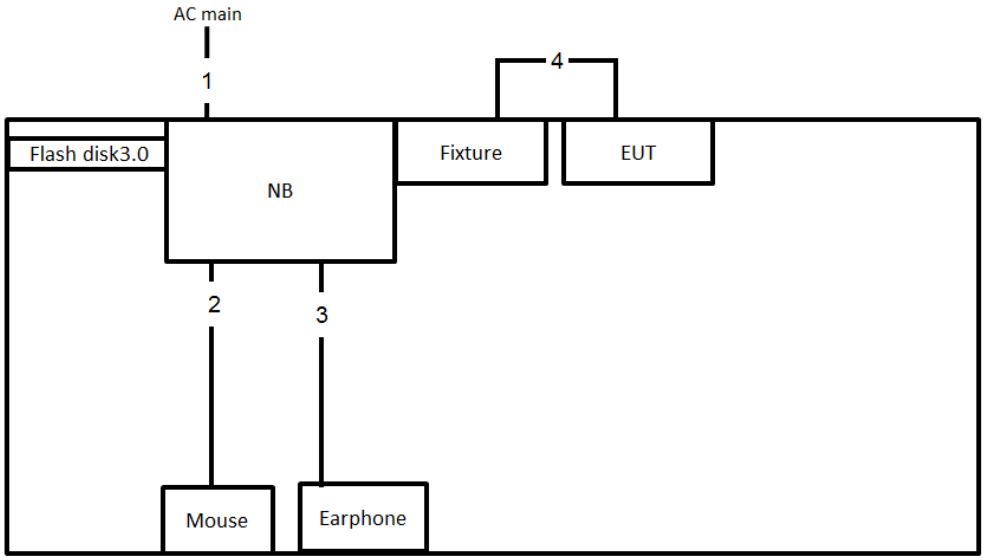
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB	DELL	E6430	DoC
2	Earphone	e-Power	S90W	DoC
3	Mouse	Logitech	M-U0026	DoC
4	Fixture	WNC	48DHUR09.SGB	DoC
5	Flash disk3.0	Transcend	JetFlash-760	DoC

For Test Site No: 03CH01-CB and TH01-CB

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB	DELL	E4300	DoC
2	Fixture	WNC	48DHUR09.SGB	DoC

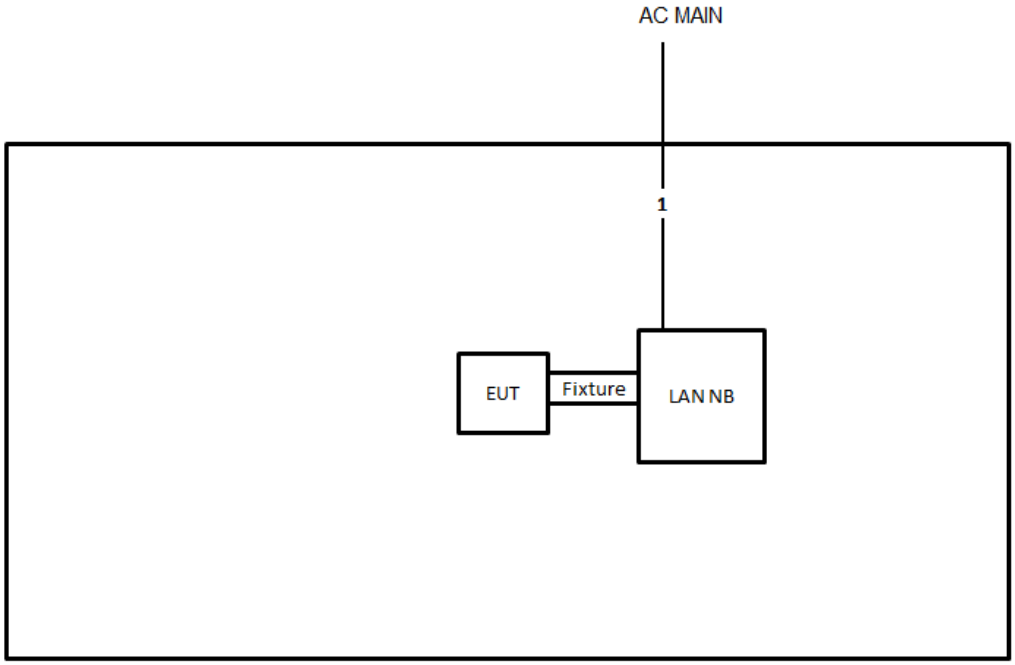
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	Power cable	No	2.6m
2	USB cable	Yes	1.8m
3	Audio cable	No	1.4m
4	Bus cable	No	0.1m

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length
1	Power cable	No	1.5m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

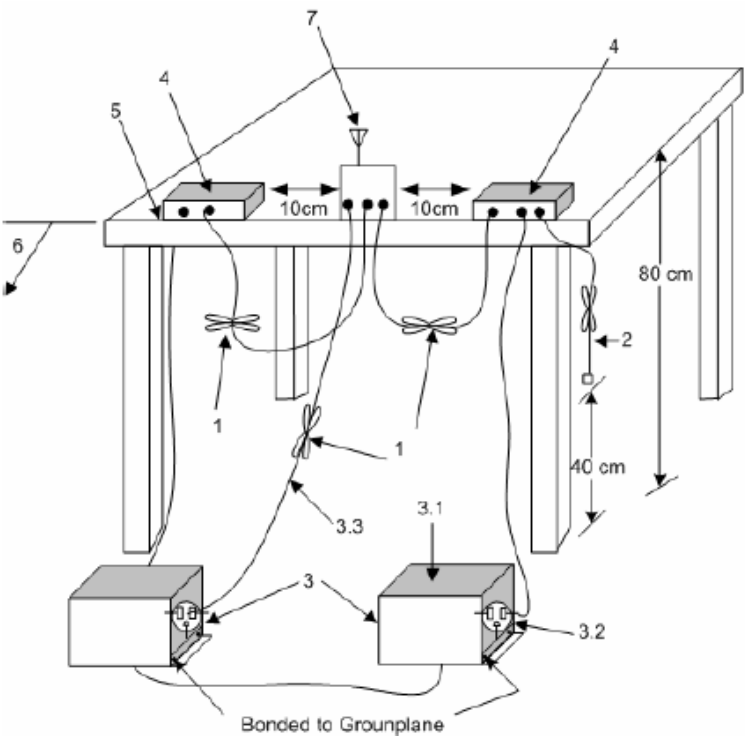
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

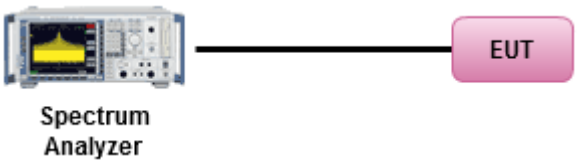
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
▪ For the emission bandwidth shall be measured using one of the options below:	
	☒ Refer as FCC KDB 558074, clause 8.1 Option 1 for 6 dB bandwidth measurement.
	☐ Refer as FCC KDB 558074, clause 8.2 Option 2 for 6 dB bandwidth measurement.
	☐ Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit		
	▪ If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)	
	▪ Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)$ dBm	
	▪ Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3$ dBm	
	▪ Smart antenna system (SAS):	
		- Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3$ dBm
		- Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3$ dBm
		- Aggregate power on all beams: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3 + 8$dB dBm
P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, **G_{TX}** = the maximum transmitting antenna directional gain in dBi.		

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
▪ Maximum Peak Conducted Output Power	
	☐ Refer as FCC KDB 558074, clause 9.1.1 Option 1 (RBW ≥ EBW method).
	☐ Refer as FCC KDB 558074, clause 9.1.2 Option 2 (peak power meter for VBW ≥ DTS BW)
▪ Maximum Conducted Output Power	
	[duty cycle ≥ 98% or external video / power trigger]
	☐ Refer as FCC KDB 558074, clause 9.2.2.2 Method AVGSA-1 (spectral trace averaging).
	☐ Refer as FCC KDB 558074, clause 9.2.2.3 Method AVGSA-1 Alt. (slow sweep speed)
	duty cycle < 98% and average over on/off periods with duty factor
	☐ Refer as FCC KDB 558074, clause 9.2.2.4 Method AVGSA-2 (spectral trace averaging).
	☐ Refer as FCC KDB 558074, clause 9.2.2.5 Method AVGSA-2 Alt. (slow sweep speed)
	RF power meter and average over on/off periods with duty factor or gated trigger
	☒ Refer as FCC KDB 558074, clause 9.2.3 Method AVGPM-G (using an RF average power meter).
	☐ Refer as FCC KDB 558074, clause 9.1.2 PKPM1 Peak power meter method.
▪ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (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

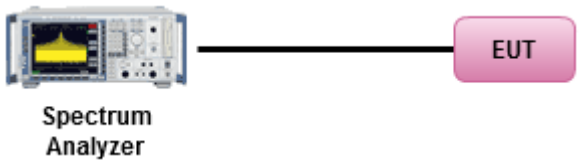
3.4.2 Measuring Instruments

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

Un-restricted Band Emissions Limit	
RF output power procedure	**Limit (dB)**
Peak output power procedure	20
Average output power procedure	30

Note 1: If the peak output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum measured in-band peak PSD level.
Note 2: If the average output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the power in any 100 kHz outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum measured in-band average PSD level.

3.5.2 Measuring Instruments

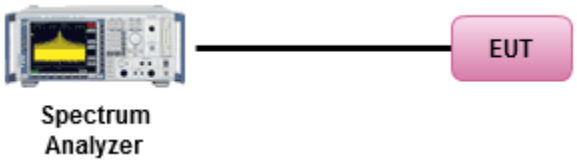
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

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

3.5.4 Test Setup

Emissions in Non-restricted Frequency Bands



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

3.6.2 Measuring Instruments

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

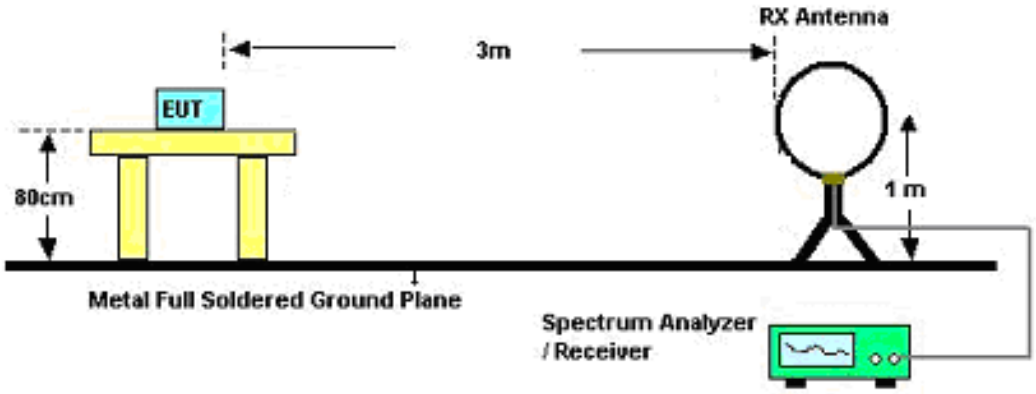
3.6.3 Test Procedures

Test Method		
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].		
▪ Refer as ANSI C63.10, clause 6.9.2.2 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.		
▪ For the transmitter unwanted emissions shall be measured using following options below:		
	▪ Refer as FCC KDB 558074, clause 12 for unwanted emissions into restricted bands.	
		☐ Refer as FCC KDB 558074, clause 12.2.5.1 Option 1 (trace averaging for duty cycle ≥98%)
		☐ Refer as FCC KDB 558074, clause 12.2.5.2 Option 2 (trace averaging + duty factor).
		☒ Refer as FCC KDB 558074, clause 12.2.5.3 Option 3 (Reduced VBW≥1/T).
		☐ Refer as ANSI C63.10, clause 4.2.3.2.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
		☐ Refer as ANSI C63.10, clause 4.2.3.2.4 average value of pulsed emissions.
		☒ Refer as FCC KDB 558074, clause 12.2.4 measurement procedure peak limit.
▪ For the transmitter band-edge emissions shall be measured using following options below:		
	▪ Refer as FCC KDB 558074 clause 13.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.	
	▪ Refer as FCC KDB 558074, clause 13.2 (ANSI C63.10, clause 6.9.3) for marker-delta method for band-edge measurements.	
	▪ Refer as FCC KDB 558074, clause 13.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).	
▪ For conducted and cabinet radiation measurement, refer as FCC KDB 558074, clause 12.2.2.		
	▪ For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB	
	▪ For FCC KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.	

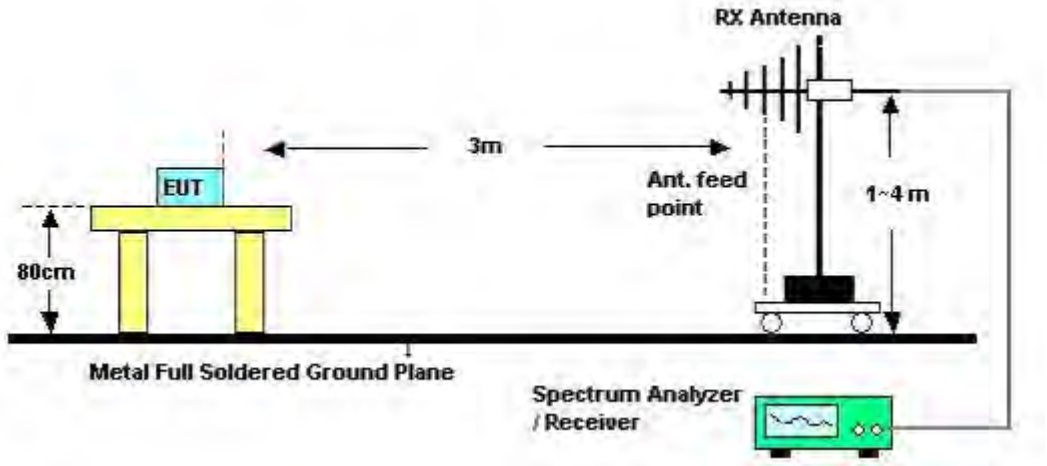
3.6.4 Test Setup

Transmitter Radiated Emissions

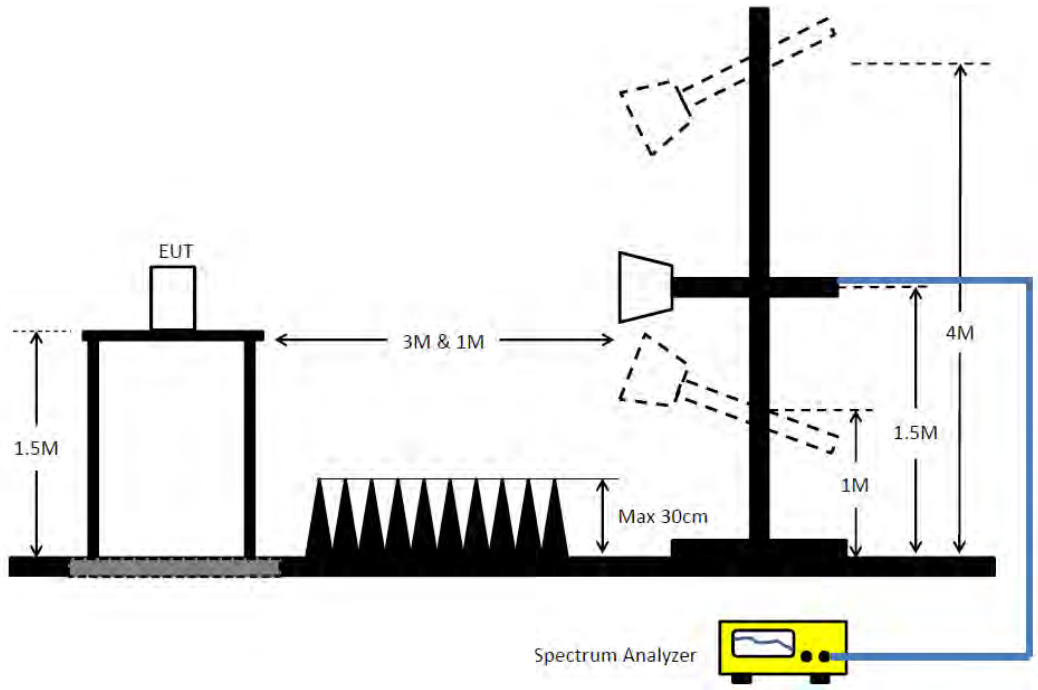
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.6.5 Transmitter Radiated Unwanted Emissions (Below 30MHz)

All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.

3.6.6 Test Result of 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	8127650	9kHz ~ 30MHz	Nov. 24, 2017	Nov. 23, 2018	Conduction (CO01-CB)
COND Cable	Woken	Cable	01	150kHz ~ 30MHz	May 23, 2017	May 22, 2018	Conduction (CO01-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Aug. 30, 2017	Aug. 29, 2018	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 10, 2016	Nov. 09, 2017	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 20, 2017	Nov. 19, 2018	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 05, 2017	Jul. 04, 2018	Radiation (03CH01-CB)
Pre-Amplifier	EMCI	EMC330N	980332	20MHz ~ 3GHz	May 02, 2017	May 01, 2018	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 16, 2017	Jan. 15, 2018	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 09, 2018	Jan. 08, 2019	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 10, 2017	Jul. 09, 2018	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Nov. 22, 2016	Nov. 21, 2017	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Nov. 23, 2017	Nov. 22, 2018	Radiation (03CH01-CB)
EMI Test	R&S	ESCS	100355	9kHz ~ 2.75GHz	May 06, 2017	May 05, 2018	Radiation (03CH01-CB)
RF Cable-low	Woken	Low Cable-16+17	N/A	30 MHz ~ 1 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16+17	N/A	1 GHz ~ 18 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 16, 2016*	Mar. 15, 2018*	Radiation (03CH01-CB)
Test Software	Audix	E3	6.2009-l0-7	N/A	N/A	N/A	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 26, 2016	Dec. 25, 2017	Conducted (TH01-CB)

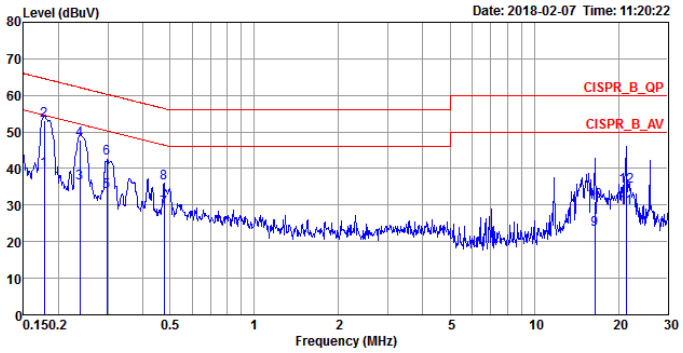
Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 21, 2017	Dec. 20, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)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

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

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

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

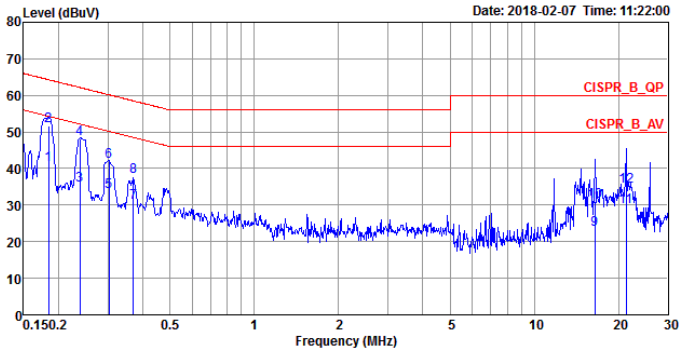
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	CTX		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark	Pol/Phase
	MHz	dBuV	dB	dBuV	dBuV	dB	dB		
1	0.1777	39.43	-15.16	54.59	29.28	10.01	0.14	Average	NEUTRAL
2	0.1777	53.05	-11.54	64.59	42.90	10.01	0.14	QP	NEUTRAL
3	0.2378	35.89	-16.28	52.17	25.71	10.08	0.10	Average	NEUTRAL
4	0.2378	47.84	-14.33	62.17	37.66	10.08	0.10	QP	NEUTRAL
5	0.2971	33.55	-16.77	50.32	23.34	10.15	0.06	Average	NEUTRAL
6	0.2971	42.73	-17.59	60.32	32.52	10.15	0.06	QP	NEUTRAL
7	0.4761	28.98	-17.43	46.41	18.71	10.23	0.04	Average	NEUTRAL
8	0.4761	36.07	-20.34	56.41	25.80	10.23	0.04	QP	NEUTRAL
9	16.4856	23.29	-26.71	50.00	12.81	10.29	0.19	Average	NEUTRAL
10	16.4856	31.12	-28.88	60.00	20.64	10.29	0.19	QP	NEUTRAL
11	21.2596	29.36	-20.64	50.00	18.78	10.37	0.21	Average	NEUTRAL
12	21.2596	35.08	-24.92	60.00	24.50	10.37	0.21	QP	NEUTRAL

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

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



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark	Pol/Phase
	MHz	dBuV	dB	dBuV	dBuV	dB	dB		
1	0.1844	41.06	-13.22	54.28	31.01	9.91	0.14	Average	LINE
2	0.1844	51.72	-12.56	64.28	41.67	9.91	0.14	QP	LINE
3	0.2378	35.52	-16.65	52.17	25.50	9.92	0.10	Average	LINE
4	0.2378	48.06	-14.11	62.17	38.04	9.92	0.10	QP	LINE
5	0.3035	33.61	-16.54	50.15	23.62	9.93	0.06	Average	LINE
6	0.3035	41.99	-18.16	60.15	32.00	9.93	0.06	QP	LINE
7	0.3692	30.65	-17.87	48.52	20.69	9.94	0.02	Average	LINE
8	0.3692	37.70	-20.82	58.52	27.74	9.94	0.02	QP	LINE
9	16.4856	23.32	-26.68	50.00	12.86	10.27	0.19	Average	LINE
10	16.4856	30.97	-29.03	60.00	20.51	10.27	0.19	QP	LINE
11	21.2596	29.54	-20.46	50.00	18.97	10.36	0.21	Average	LINE
12	21.2596	35.10	-24.90	60.00	24.53	10.36	0.21	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.)

Test Mode: Mode 1. EUT with Set 1 antennas

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	9.025M	13.993M	14M0G1D	8.05M	13.693M
802.11g_Nss1,(6Mbps)_2TX	16.325M	16.717M	16M7D1D	16.3M	16.392M
802.11n HT20_Nss1,(MCS0)_2TX	17.575M	17.816M	17M8D1D	16.9M	17.541M
802.11n HT40_Nss1,(MCS0)_2TX	36.35M	36.082M	36M1D1D	36.15M	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	8.05M	13.918M	8.525M	13.843M
2437MHz	Pass	500k	8.5M	13.993M	8.55M	13.693M
2462MHz	Pass	500k	8.55M	13.993M	9.025M	13.718M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.325M	16.392M	16.325M	16.392M
2437MHz	Pass	500k	16.325M	16.492M	16.3M	16.717M
2462MHz	Pass	500k	16.325M	16.442M	16.325M	16.392M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.55M	17.566M	17.525M	17.566M
2437MHz	Pass	500k	17.55M	17.691M	16.9M	17.816M
2462MHz	Pass	500k	17.575M	17.591M	17.15M	17.541M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	36.35M	36.032M	36.3M	36.082M
2437MHz	Pass	500k	36.15M	36.032M	36.25M	36.082M
2452MHz	Pass	500k	36.3M	36.032M	36.3M	35.982M

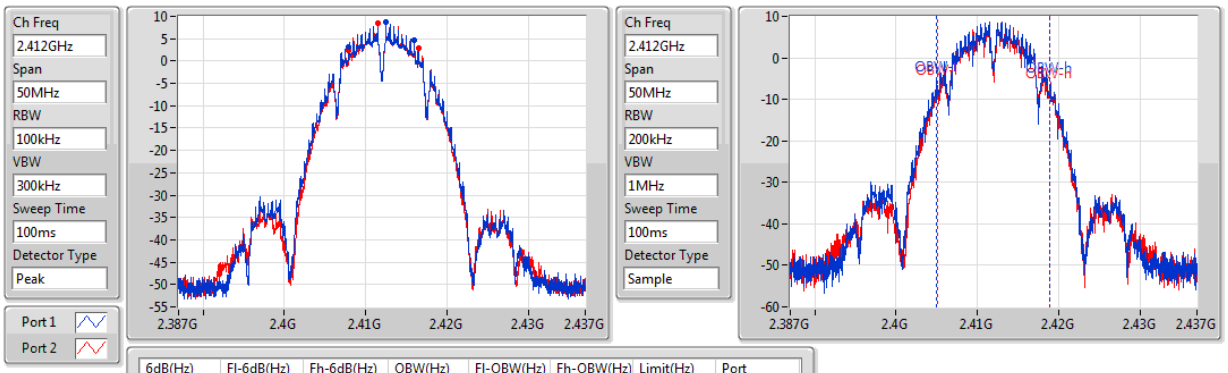
Port X-N dB = Port **X** 6dB down bandwidth; **Port X-OBW** = Port **X** 99% occupied bandwidth;

802.11b_Nss1,(1Mbps)_2TX

EBW

2412MHz

18/12/2017



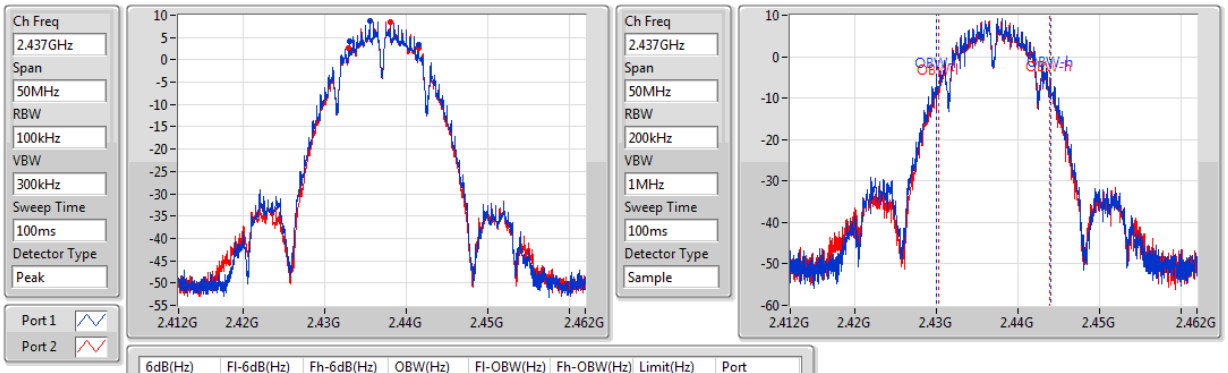
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.05M	2.40795G	2.416G	13.918M	2.405003G	2.418922G	500k	1
8.525M	2.40795G	2.416475G	13.843M	2.405078G	2.418922G	500k	2

802.11b_Nss1,(1Mbps)_2TX

EBW

2437MHz

18/12/2017



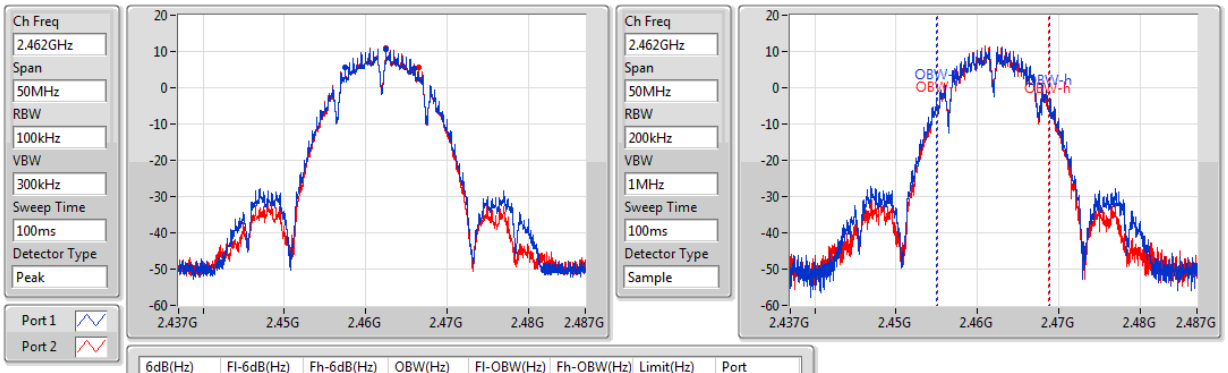
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.5M	2.432975G	2.441475G	13.993M	2.429979G	2.443972G	500k	1
8.55M	2.43295G	2.4415G	13.693M	2.430178G	2.443872G	500k	2

802.11b_Nss1,(1Mbps)_2TX

EBW

2462MHz

18/12/2017

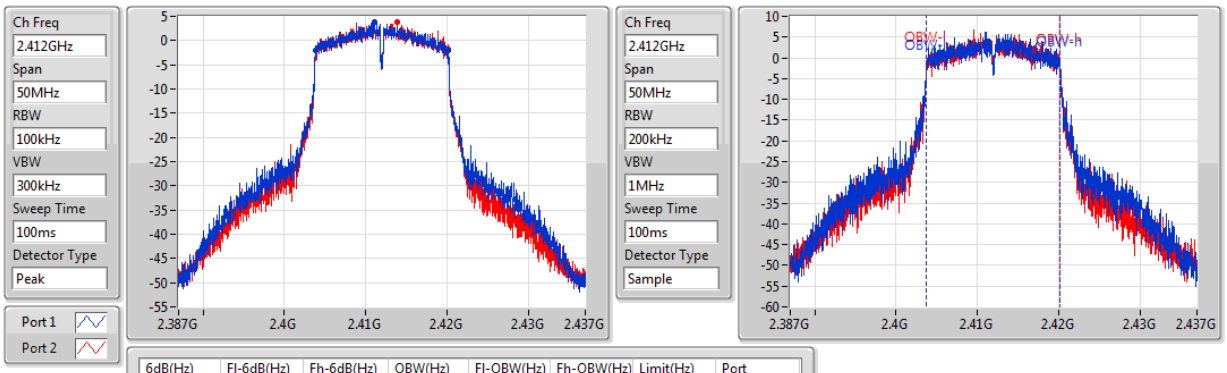


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.55M	2.457475G	2.466025G	13.993M	2.454954G	2.468947G	500k	1
9.025M	2.457475G	2.4665G	13.718M	2.455103G	2.468822G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2412MHz

18/12/2017

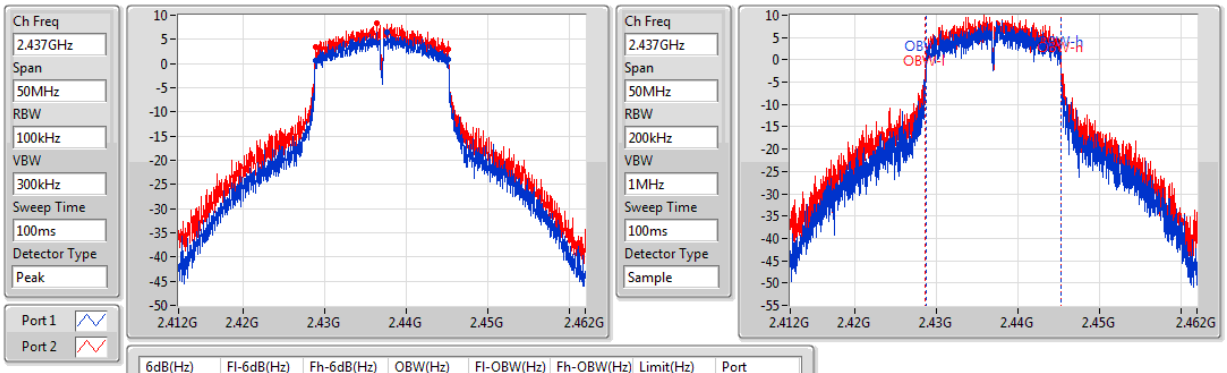


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.403825G	2.42015G	16.392M	2.403779G	2.420171G	500k	1
16.325M	2.403825G	2.42015G	16.392M	2.403779G	2.420171G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2437MHz

18/12/2017

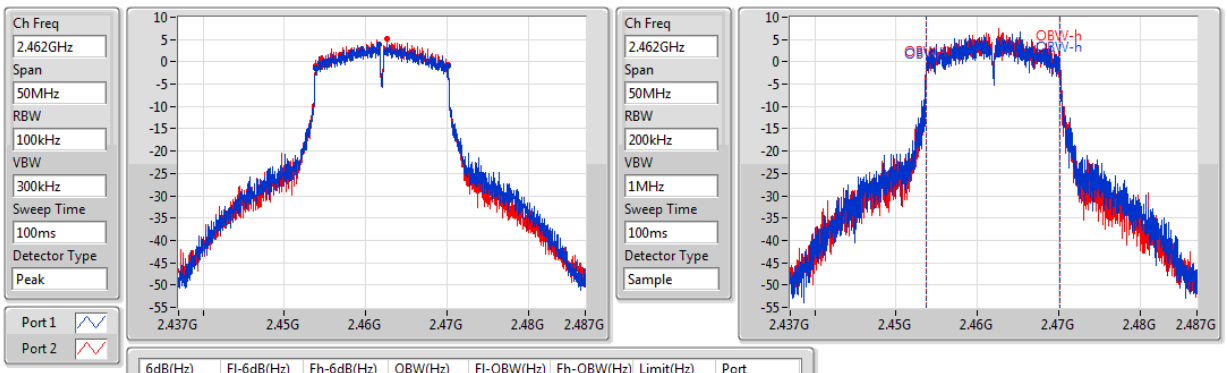


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.428825G	2.44515G	16.492M	2.428729G	2.445221G	500k	1
16.3M	2.42885G	2.44515G	16.717M	2.428579G	2.445296G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2462MHz

18/12/2017



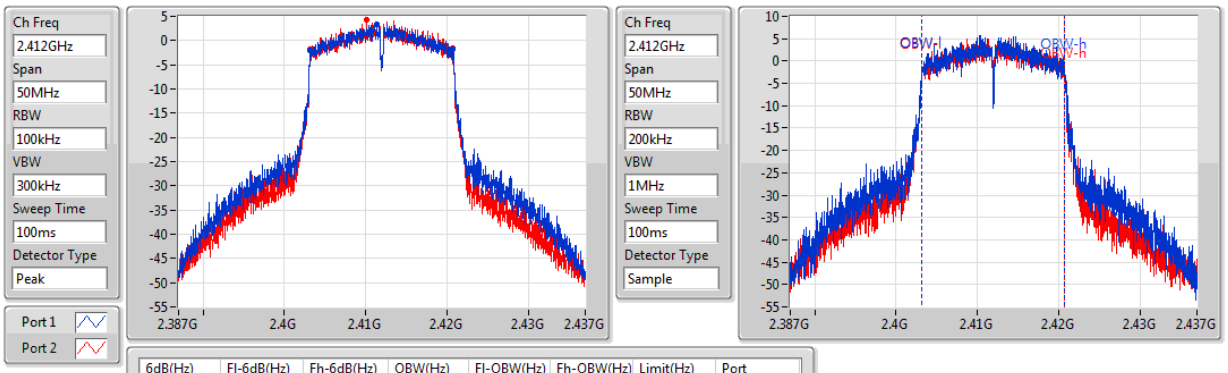
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.453825G	2.47015G	16.442M	2.453729G	2.470171G	500k	1
16.325M	2.453825G	2.47015G	16.392M	2.453754G	2.470146G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX

EBW

2412MHz

18/12/2017



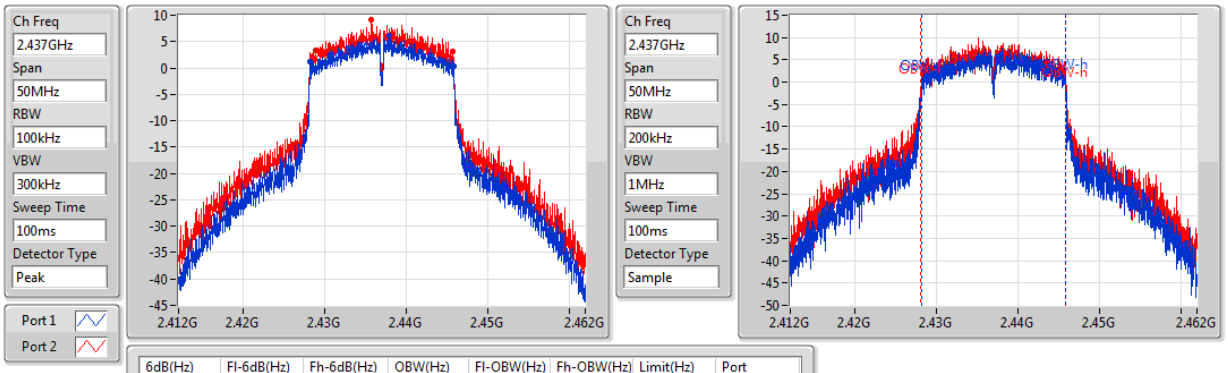
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	2.4032G	2.42075G	17.566M	2.403179G	2.420746G	500k	1
17.525M	2.403225G	2.42075G	17.566M	2.403179G	2.420746G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX

EBW

2437MHz

18/12/2017



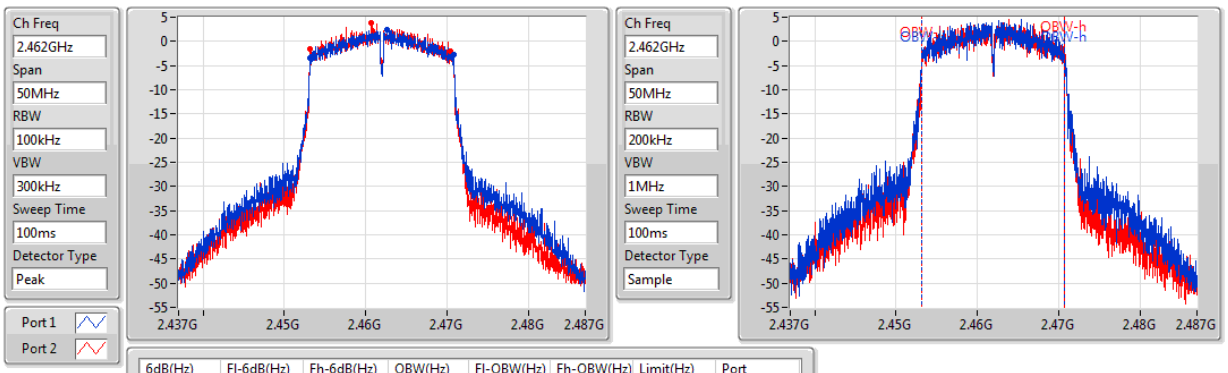
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	2.428225G	2.445775G	17.691M	2.428129G	2.445821G	500k	1
16.9M	2.428825G	2.445725G	17.816M	2.428054G	2.445871G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX

EBW

2462MHz

18/12/2017

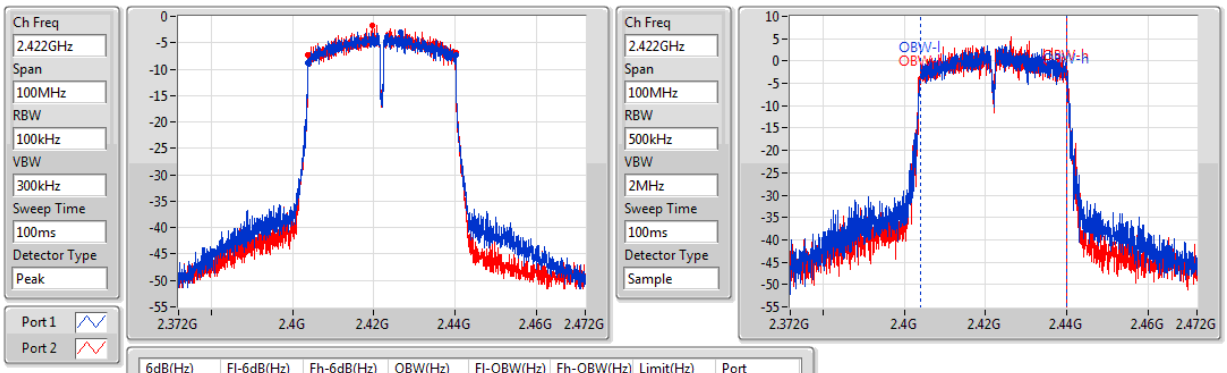


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.4532G	2.470775G	17.591M	2.453179G	2.470771G	500k	1
17.15M	2.453225G	2.470375G	17.541M	2.453204G	2.470746G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2422MHz

18/12/2017

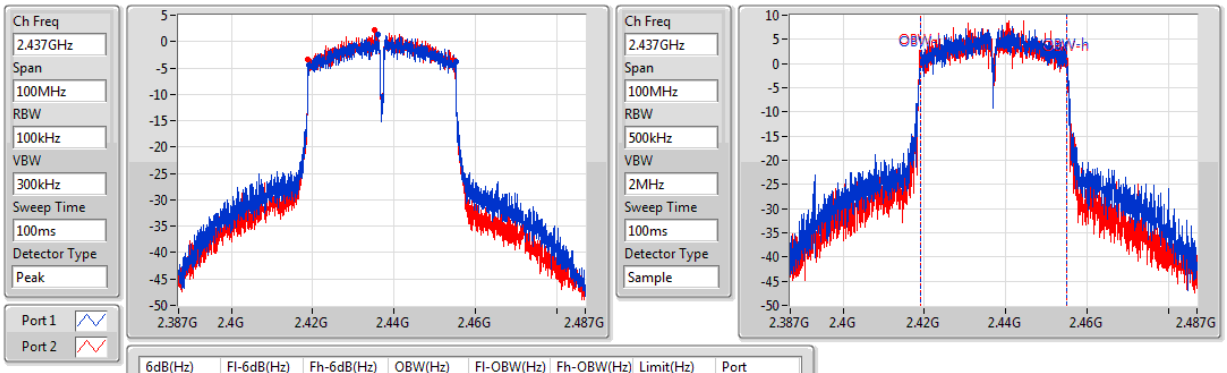


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.35M	2.4038G	2.44015G	36.032M	2.403959G	2.439991G	500k	1
36.3M	2.40385G	2.44015G	36.082M	2.403959G	2.440041G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2437MHz

18/12/2017

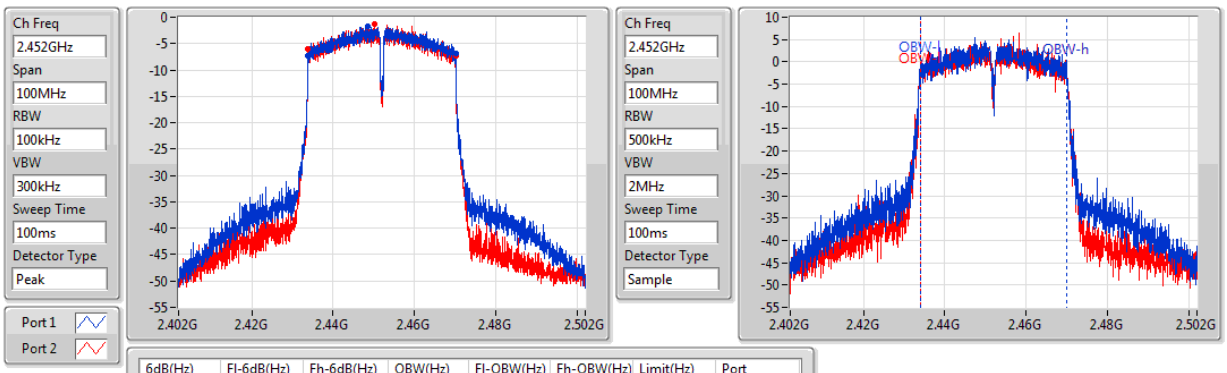


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.15M	2.419G	2.45515G	36.032M	2.418959G	2.454991G	500k	1
36.25M	2.41885G	2.4551G	36.082M	2.418909G	2.454991G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2452MHz

18/12/2017



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	2.43385G	2.47015G	36.032M	2.433959G	2.469991G	500k	1
36.3M	2.43385G	2.47015G	35.982M	2.433959G	2.469941G	500k	2

Test Mode: Mode 2. EUT with Set 2 antennas

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	9.025M	13.993M	14M0G1D	8.525M	13.543M
802.11g_Nss1,(6Mbps)_2TX	16.325M	17.016M	17M0D1D	16.3M	16.367M
802.11n HT20_Nss1,(MCS0)_2TX	17.575M	17.816M	17M8D1D	16.9M	17.541M
802.11n HT40_Nss1,(MCS0)_2TX	36.3M	36.232M	36M2D1D	35.65M	35.932M

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

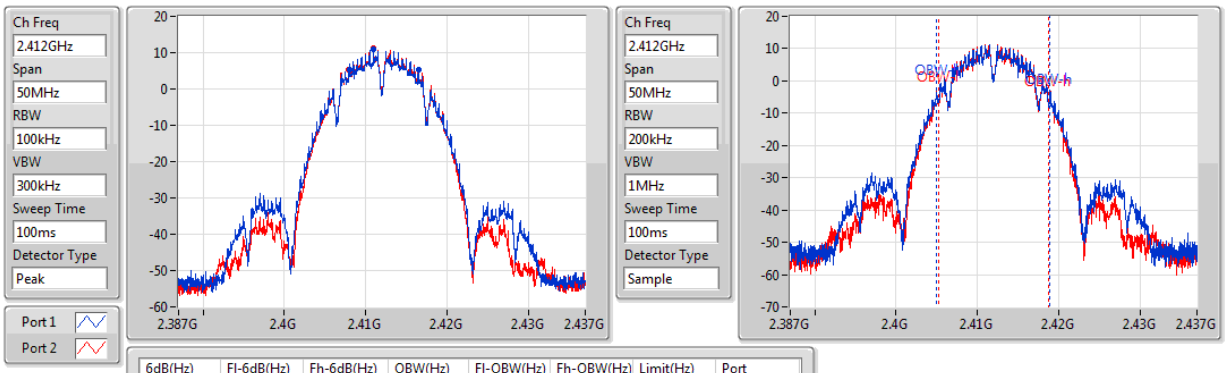
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	8.525M	13.818M	8.525M	13.543M
2437MHz	Pass	500k	9.025M	13.893M	8.525M	13.593M
2462MHz	Pass	500k	8.55M	13.993M	9.025M	13.718M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.325M	16.392M	16.3M	16.367M
2437MHz	Pass	500k	16.3M	17.016M	16.3M	16.592M
2462MHz	Pass	500k	16.3M	16.467M	16.325M	16.392M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.55M	17.566M	17.525M	17.566M
2437MHz	Pass	500k	17.55M	17.691M	16.9M	17.816M
2462MHz	Pass	500k	17.575M	17.566M	17.55M	17.541M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	36.3M	35.982M	36.3M	36.082M
2437MHz	Pass	500k	36.3M	36.232M	36.3M	36.132M
2452MHz	Pass	500k	36.3M	35.932M	35.65M	35.982M

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

802.11b_Nss1,(1Mbps)_2TX — EBW

2412MHz

22/12/2017

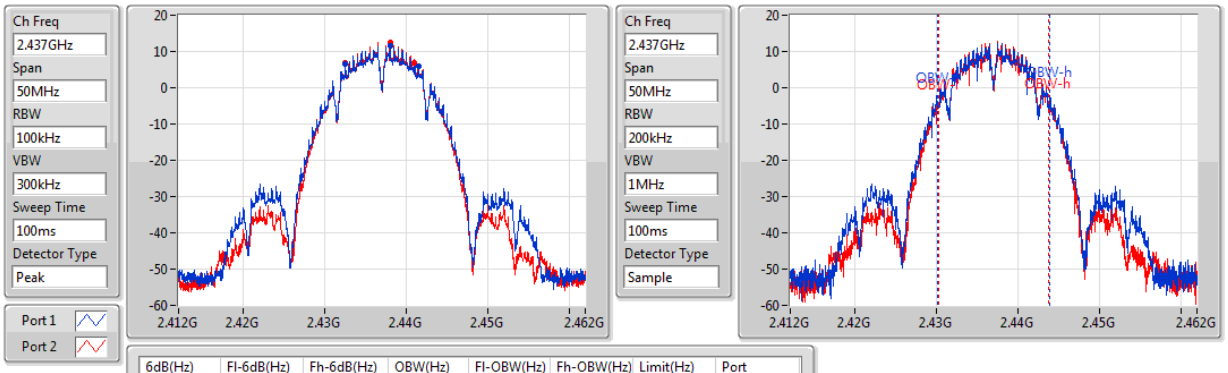


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.525M	2.407975G	2.4165G	13.818M	2.405028G	2.418847G	500k	1
8.525M	2.40795G	2.416475G	13.543M	2.405203G	2.418747G	500k	2

802.11b_Nss1,(1Mbps)_2TX — EBW

2437MHz

22/12/2017

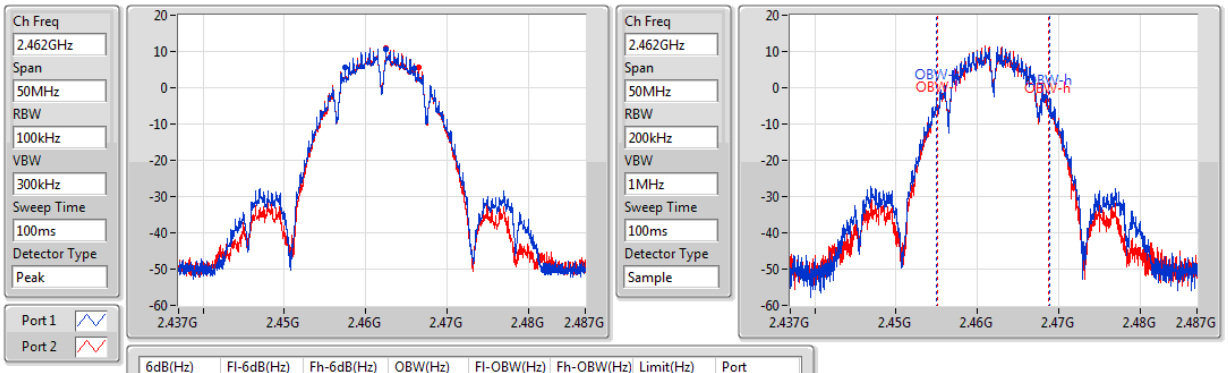


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.025M	2.4325G	2.441525G	13.893M	2.430053G	2.443947G	500k	1
8.525M	2.4325G	2.441025G	13.593M	2.430228G	2.443822G	500k	2

802.11b_Nss1,(1Mbps)_2TX — EBW

2462MHz

18/12/2017

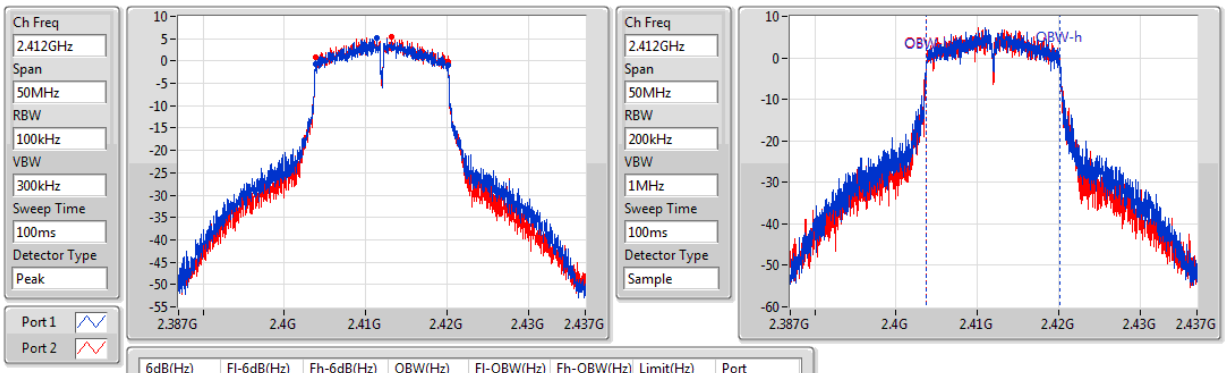


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.55M	2.457475G	2.466025G	13.993M	2.454954G	2.468947G	500k	1
9.025M	2.457475G	2.4665G	13.718M	2.455103G	2.468822G	500k	2

802.11g_Nss1,(6Mbps)_2TX — EBW

2412MHz

22/12/2017

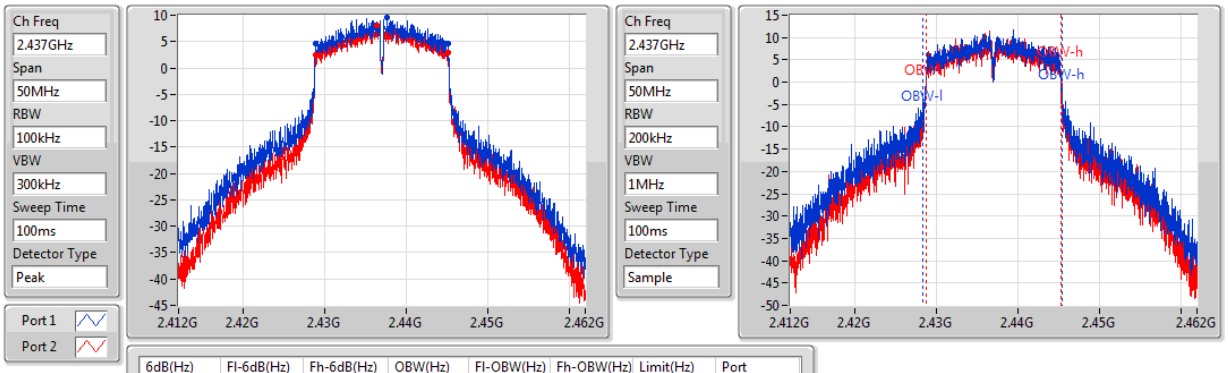


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.403825G	2.42015G	16.392M	2.403754G	2.420146G	500k	1
16.3M	2.40385G	2.42015G	16.367M	2.403779G	2.420146G	500k	2

802.11g_Nss1,(6Mbps)_2TX — EBW

2437MHz

09/02/2018

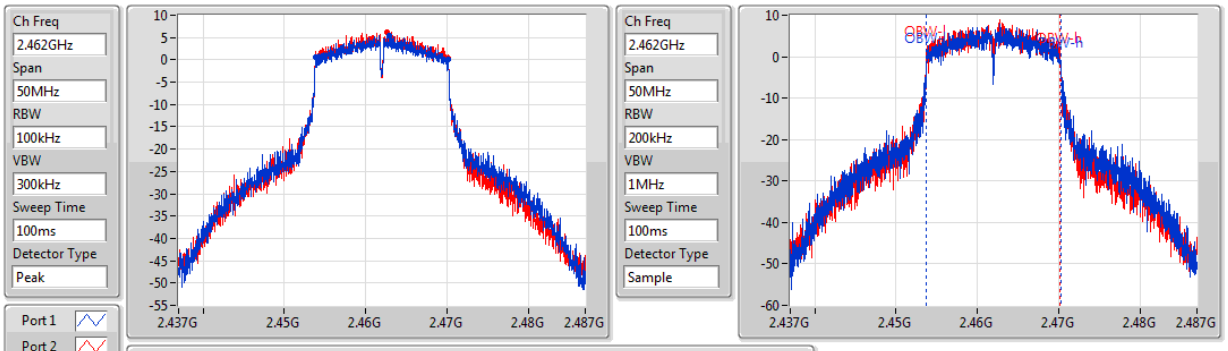


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.42885G	2.44515G	17.016M	2.428354G	2.445371G	500k	1
16.3M	2.42885G	2.44515G	16.592M	2.428679G	2.445271G	500k	2

802.11g_Nss1,(6Mbps)_2TX — EBW

2462MHz

22/12/2017

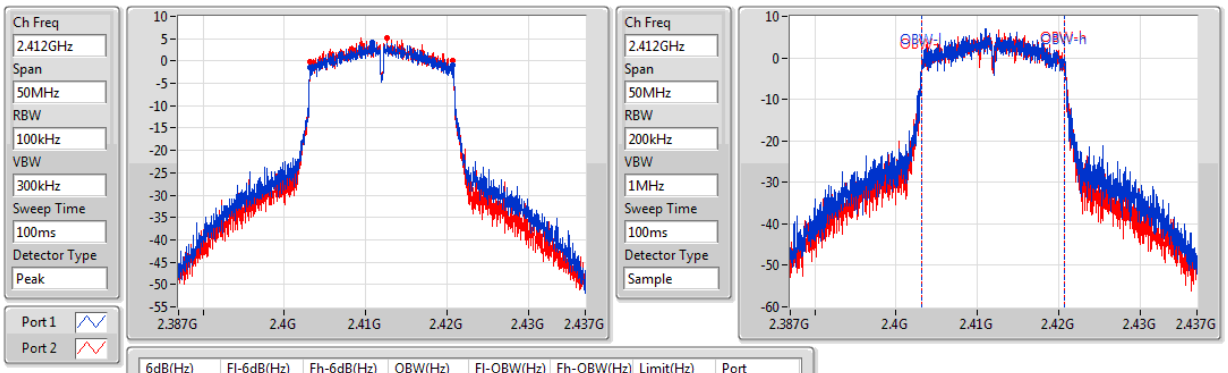


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.45385G	2.47015G	16.467M	2.453754G	2.470221G	500k	1
16.325M	2.453825G	2.47015G	16.392M	2.453779G	2.470171G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX — EBW

2412MHz

22/12/2017

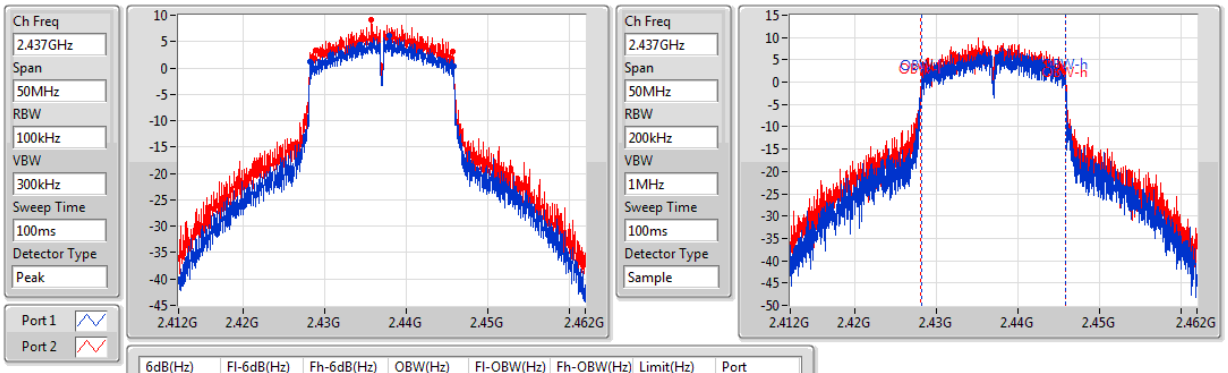


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	2.4032G	2.42075G	17.566M	2.403179G	2.420746G	500k	1
17.525M	2.403225G	2.42075G	17.566M	2.403179G	2.420746G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX — EBW

2437MHz

18/12/2017

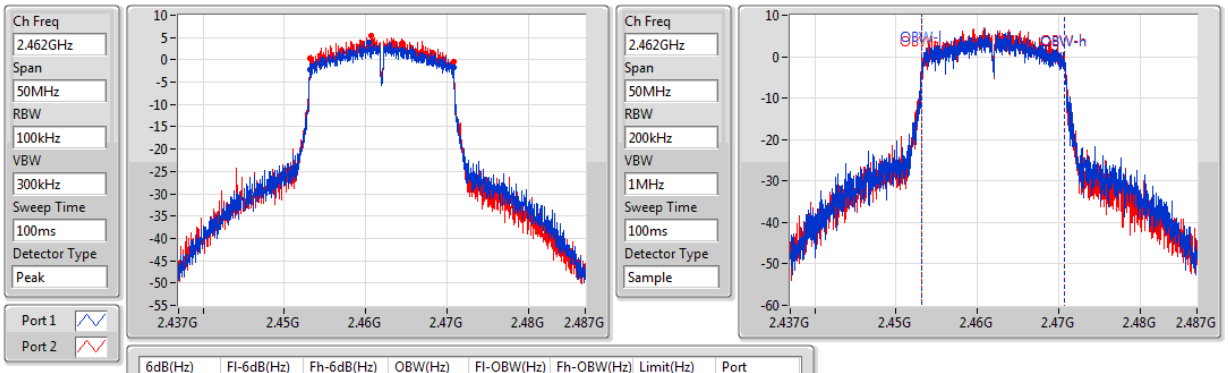


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	2.428225G	2.445775G	17.691M	2.428129G	2.445821G	500k	1
16.9M	2.428825G	2.445725G	17.816M	2.428054G	2.445871G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX — EBW

2462MHz

22/12/2017

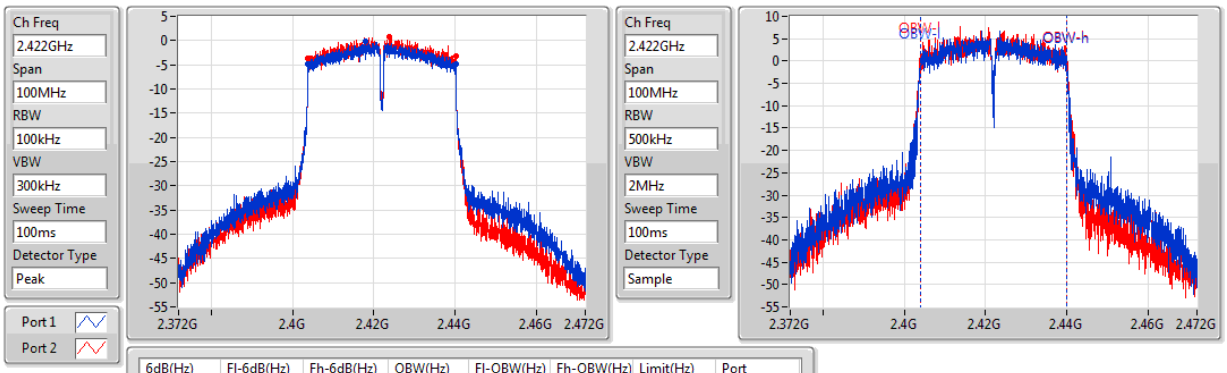


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.4532G	2.470775G	17.566M	2.453204G	2.470771G	500k	1
17.55M	2.453225G	2.470775G	17.541M	2.453204G	2.470746G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2422MHz

22/12/2017

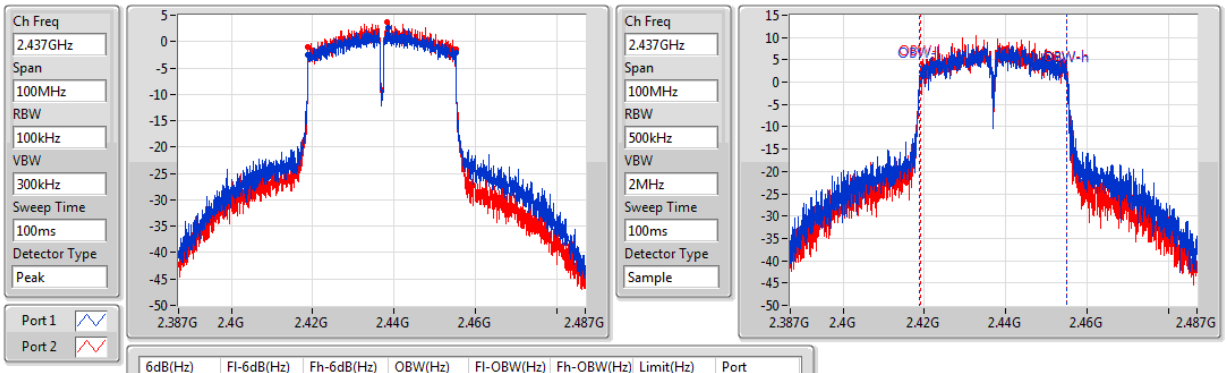


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	2.40385G	2.44015G	35.982M	2.403959G	2.439941G	500k	1
36.3M	2.40385G	2.44015G	36.082M	2.403909G	2.439991G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2437MHz

22/12/2017

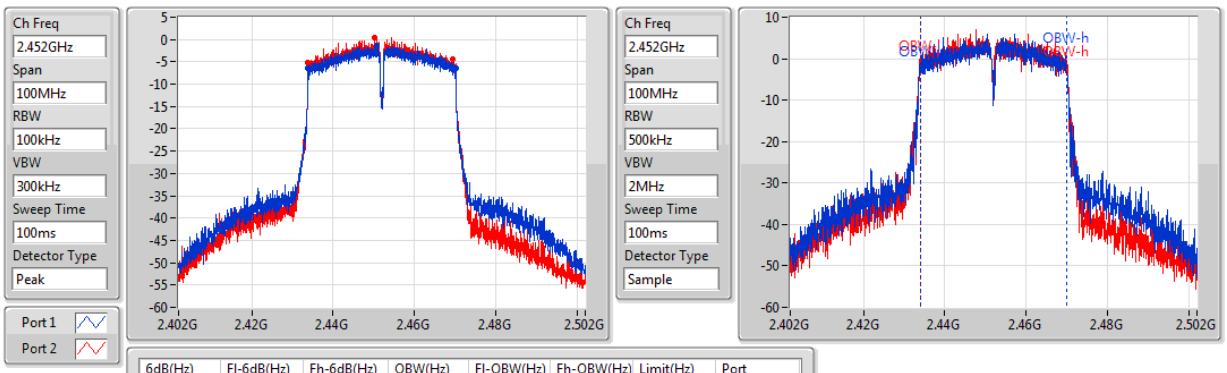


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	2.41885G	2.45515G	36.232M	2.418859G	2.455091G	500k	1
36.3M	2.41885G	2.45515G	36.132M	2.418909G	2.455041G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2452MHz

22/12/2017



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	2.43385G	2.47015G	35.932M	2.433959G	2.469891G	500k	1
35.65M	2.43385G	2.4695G	35.982M	2.433959G	2.469941G	500k	2

Test Mode: Mode 3. EUT with Set 3 antennas

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	9.025M	14.843M	14M8G1D	8.55M	13.668M
802.11g_Nss1,(6Mbps)_2TX	16.325M	16.667M	16M7D1D	16.3M	16.392M
802.11n HT20_Nss1,(MCS0)_2TX	17.575M	17.716M	17M7D1D	16.9M	17.566M
802.11n HT40_Nss1,(MCS0)_2TX	36.3M	36.182M	36M2D1D	35M	35.932M

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	9.025M	14.068M	9M	13.693M
2437MHz	Pass	500k	9M	14.093M	8.55M	13.668M
2462MHz	Pass	500k	8.55M	14.843M	9.025M	14.118M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.325M	16.442M	16.3M	16.392M
2437MHz	Pass	500k	16.325M	16.542M	16.3M	16.667M
2462MHz	Pass	500k	16.3M	16.492M	16.325M	16.442M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.525M	17.591M	17.55M	17.566M
2437MHz	Pass	500k	17.575M	17.666M	17.525M	17.716M
2462MHz	Pass	500k	17.575M	17.591M	16.9M	17.566M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	35M	36.132M	35.05M	36.082M
2437MHz	Pass	500k	35.1M	36.182M	35.1M	36.082M
2452MHz	Pass	500k	36.3M	36.082M	36.05M	35.932M

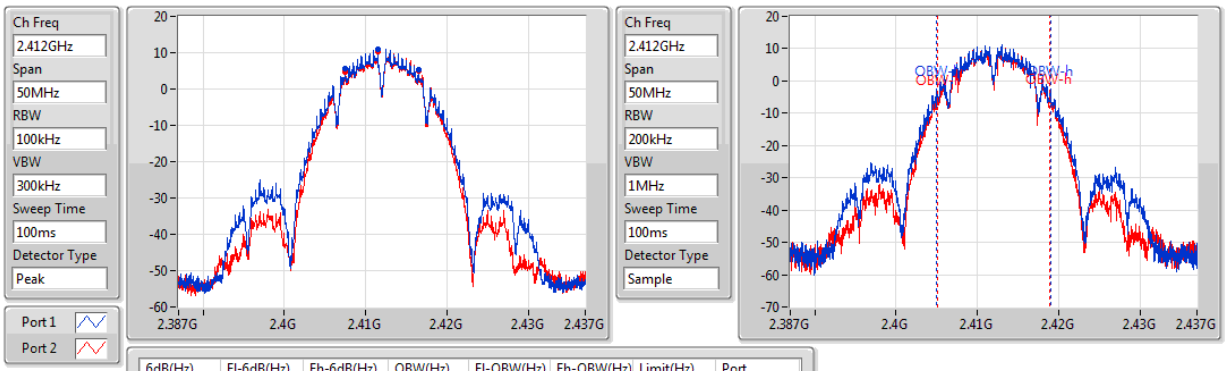
Port X-N dB = Port **X** 6dB down bandwidth; **Port X-OBW** = Port **X** 99% occupied bandwidth;

802.11b_Nss1,(1Mbps)_2TX

EBW

2412MHz

02/02/2018



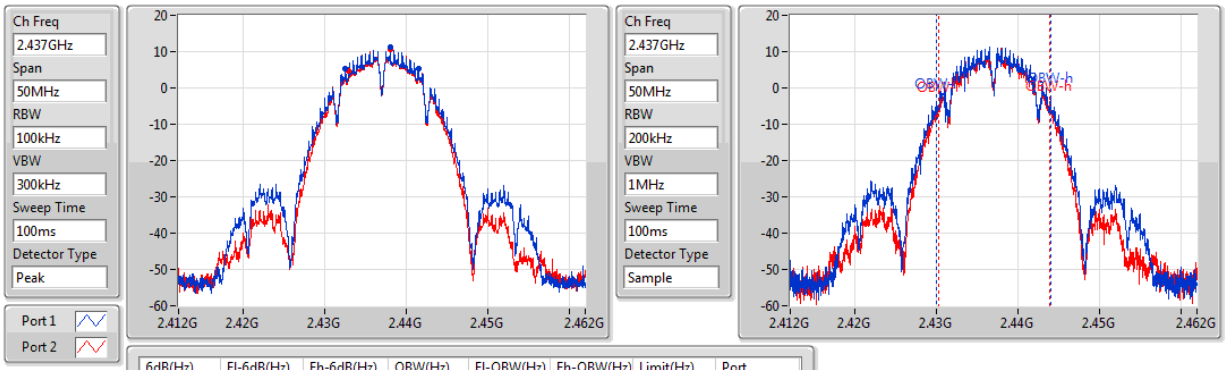
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.025M	2.407475G	2.4165G	14.068M	2.404929G	2.418997G	500k	1
9M	2.4075G	2.4165G	13.693M	2.405153G	2.418847G	500k	2

802.11b_Nss1,(1Mbps)_2TX

EBW

2437MHz

01/02/2018



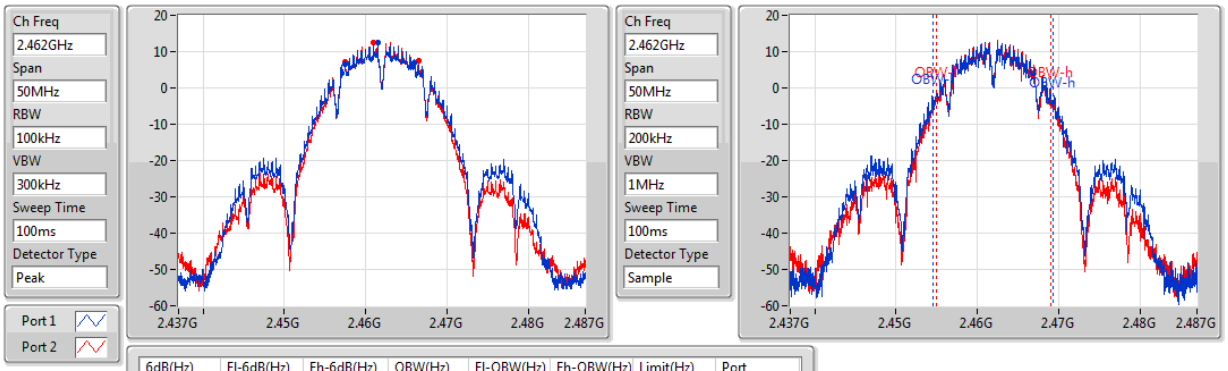
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9M	2.432525G	2.441525G	14.093M	2.429954G	2.444046G	500k	1
8.55M	2.43295G	2.4415G	13.668M	2.430228G	2.443897G	500k	2

802.11b_Nss1,(1Mbps)_2TX

EBW

2462MHz

02/02/2018



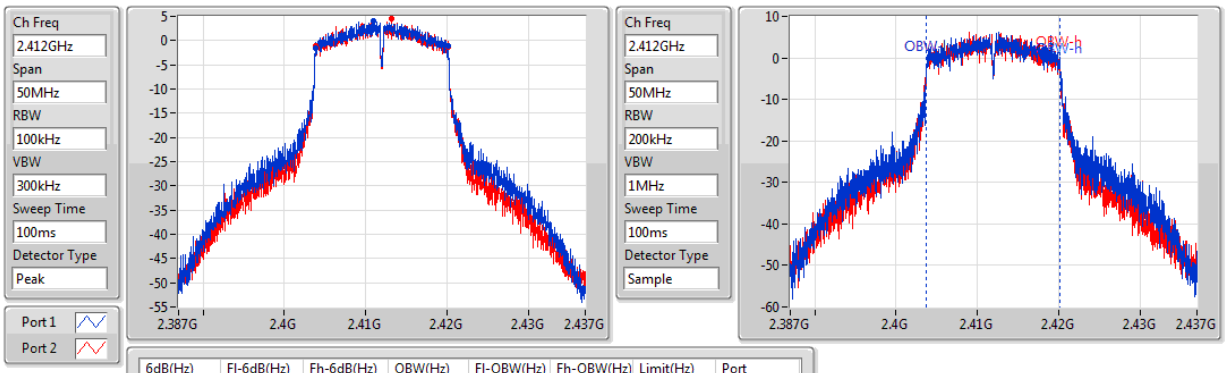
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.55M	2.457475G	2.466025G	14.843M	2.454529G	2.469371G	500k	1
9.025M	2.457475G	2.4665G	14.118M	2.454904G	2.469021G	500k	2

802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

02/02/2018



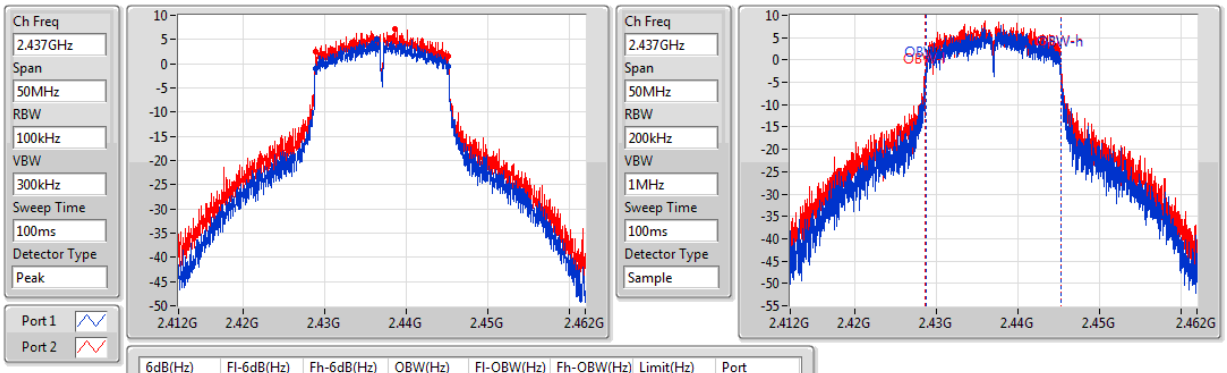
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.403825G	2.42015G	16.442M	2.403754G	2.420196G	500k	1
16.3M	2.40385G	2.42015G	16.392M	2.403754G	2.420146G	500k	2

802.11g_Nss1,(6Mbps)_2TX

EBW

2437MHz

02/02/2018



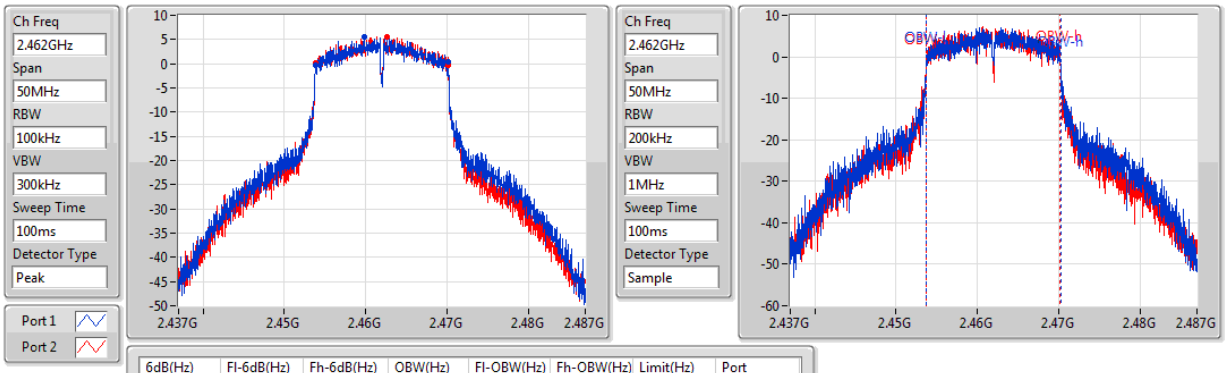
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.428825G	2.44515G	16.542M	2.428679G	2.445221G	500k	1
16.3M	2.42885G	2.44515G	16.667M	2.428604G	2.445271G	500k	2

802.11g_Nss1,(6Mbps)_2TX

EBW

2462MHz

02/02/2018

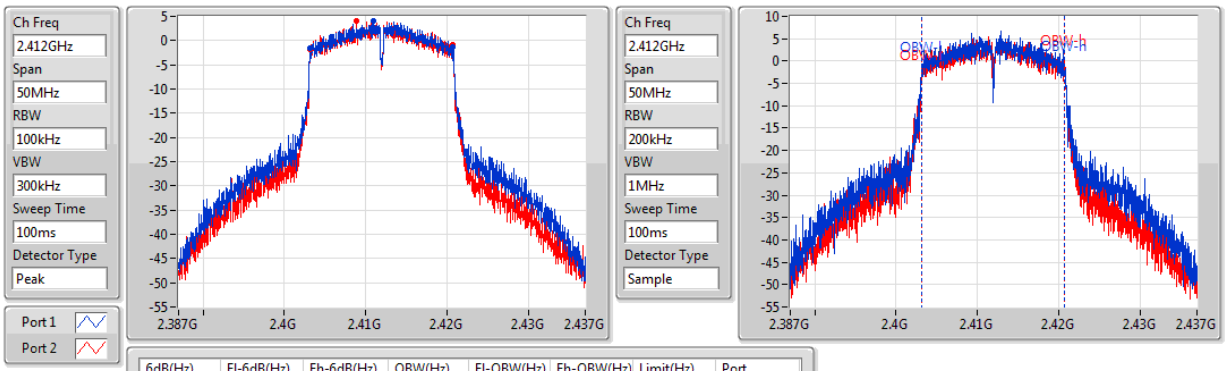


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.453825G	2.470125G	16.492M	2.453729G	2.470221G	500k	1
16.325M	2.453825G	2.47015G	16.442M	2.453729G	2.470171G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

2412MHz

02/02/2018

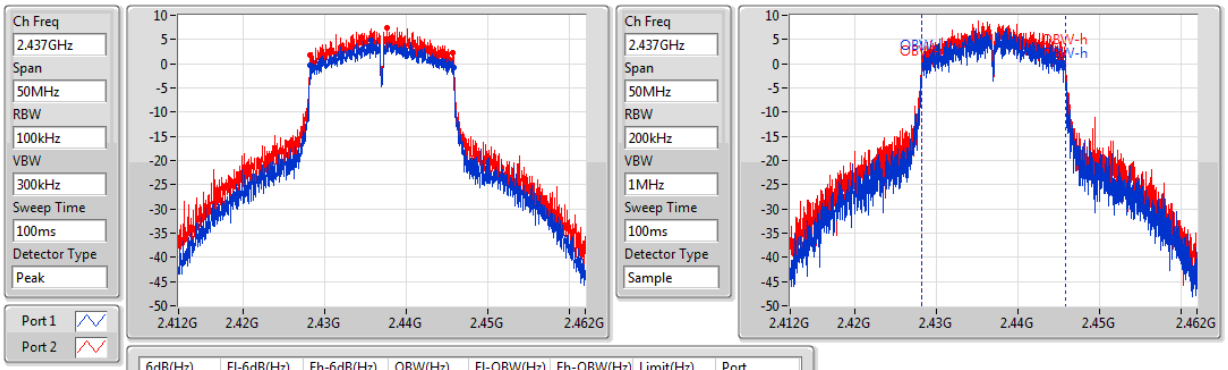


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.525M	2.403225G	2.42075G	17.591M	2.403179G	2.420771G	500k	1
17.55M	2.4032G	2.42075G	17.566M	2.403179G	2.420746G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

2437MHz

02/02/2018

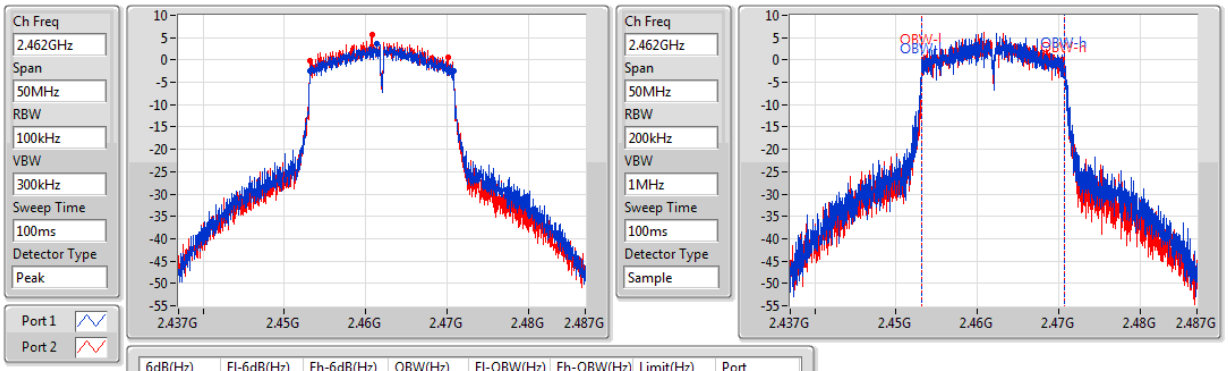


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.4282G	2.445775G	17.666M	2.428154G	2.445821G	500k	1
17.525M	2.428225G	2.44575G	17.716M	2.428104G	2.445821G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX EBW

2462MHz

02/02/2018

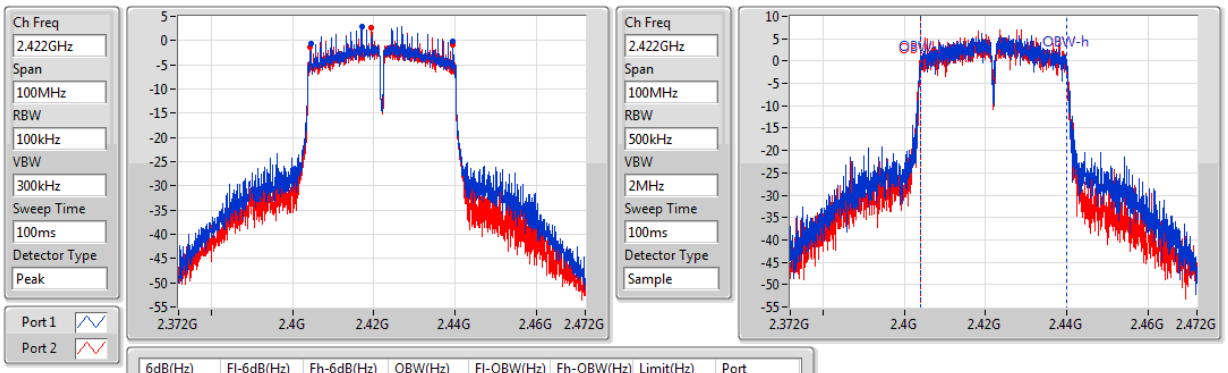


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.4532G	2.470775G	17.591M	2.453179G	2.470771G	500k	1
16.9M	2.453225G	2.470125G	17.566M	2.453179G	2.470746G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2422MHz

02/02/2018

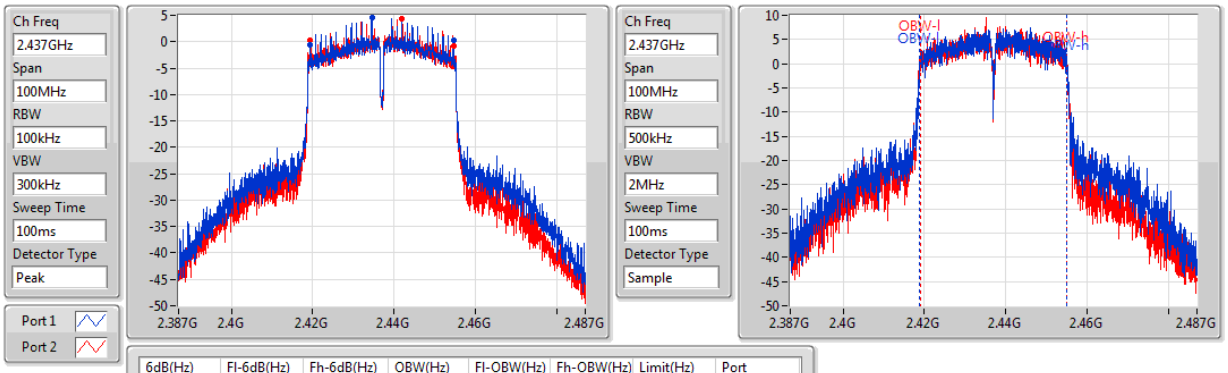


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35M	2.4045G	2.4395G	36.132M	2.403909G	2.440041G	500k	1
35.05M	2.40445G	2.4395G	36.082M	2.403909G	2.439991G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2437MHz

02/02/2018

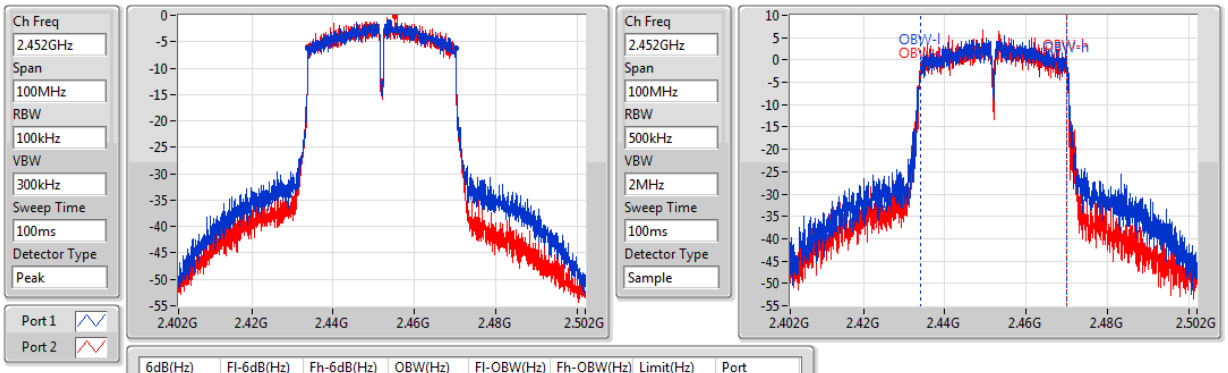


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.1M	2.41945G	2.45455G	36.182M	2.418859G	2.455041G	500k	1
35.1M	2.41945G	2.45455G	36.082M	2.418909G	2.454991G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX EBW

2452MHz

02/02/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	2.43385G	2.47015G	36.082M	2.433959G	2.470041G	500k	1
36.05M	2.43385G	2.4699G	35.932M	2.434009G	2.469941G	500k	2

Test Mode: Mode 1. EUT with Set 1 antennas

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	23.15	0.20654
802.11g_Nss1,(6Mbps)_2TX	23.42	0.21979
802.11n HT20_Nss1,(MCS0)_2TX	23.43	0.22029
802.11n HT40_Nss1,(MCS0)_2TX	20.97	0.12503

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.31	17.46	17.35	20.42	30.00
2437MHz	Pass	5.31	17.91	17.79	20.86	30.00
2462MHz	Pass	5.31	20.06	20.21	23.15	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.31	17.35	17.22	20.30	30.00
2417MHz	Pass	5.31	19.30	20.95	23.21	30.00
2437MHz	Pass	5.31	19.51	21.15	23.42	30.00
2457MHz	Pass	5.31	19.53	21.05	23.37	30.00
2462MHz	Pass	5.31	17.82	18.24	21.05	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.31	17.35	17.00	20.19	30.00
2417MHz	Pass	5.31	19.45	20.89	23.24	30.00
2437MHz	Pass	5.31	19.50	21.18	23.43	30.00
2457MHz	Pass	5.31	19.44	20.94	23.26	30.00
2462MHz	Pass	5.31	16.51	16.49	19.51	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.31	14.36	14.19	17.29	30.00
2427MHz	Pass	5.31	16.41	15.85	19.15	30.00
2432MHz	Pass	5.31	17.48	16.97	20.24	30.00
2437MHz	Pass	5.31	18.08	17.83	20.97	30.00
2442MHz	Pass	5.31	17.93	17.56	20.76	30.00
2447MHz	Pass	5.31	16.38	15.98	19.19	30.00
2452MHz	Pass	5.31	15.42	14.92	18.19	30.00

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

Test Mode: Mode 2. EUT with Set 2 antennas

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	24.77	0.29992
802.11g_Nss1,(6Mbps)_2TX	24.88	0.30761
802.11n HT20_Nss1,(MCS0)_2TX	23.43	0.22029
802.11n HT40_Nss1,(MCS0)_2TX	23.33	0.21528

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.54	20.80	21.07	23.95	30.00
2437MHz	Pass	1.54	21.59	21.93	24.77	30.00
2462MHz	Pass	1.54	20.06	20.21	23.15	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.54	19.33	19.43	22.39	30.00
2417MHz	Pass	1.54	18.84	20.18	22.57	30.00
2422MHz	Pass	1.54	20.69	22.79	24.88	30.00
2437MHz	Pass	1.54	19.51	21.15	23.42	30.00
2457MHz	Pass	1.54	19.53	21.05	23.37	30.00
2462MHz	Pass	1.54	19.80	20.39	23.12	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.54	18.76	18.85	21.82	30.00
2417MHz	Pass	1.54	19.45	20.89	23.24	30.00
2437MHz	Pass	1.54	19.50	21.18	23.43	30.00
2457MHz	Pass	1.54	19.44	20.94	23.26	30.00
2462MHz	Pass	1.54	17.64	18.41	21.05	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	1.54	17.71	18.06	20.90	30.00
2427MHz	Pass	1.54	18.81	18.97	21.90	30.00
2432MHz	Pass	1.54	19.14	19.40	22.28	30.00
2437MHz	Pass	1.54	20.21	20.43	23.33	30.00
2442MHz	Pass	1.54	17.93	17.56	20.76	30.00
2447MHz	Pass	1.54	17.76	18.03	20.91	30.00
2452MHz	Pass	1.54	16.64	17.04	19.85	30.00

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

Test Mode: Mode 3. EUT with Set 3 antennas

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	25.32	0.34041
802.11g_Nss1,(6Mbps)_2TX	23.42	0.21979
802.11n HT20_Nss1,(MCS0)_2TX	23.26	0.21184
802.11n HT40_Nss1,(MCS0)_2TX	22.28	0.16904

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.56	20.95	20.51	23.75	30.00
2437MHz	Pass	3.56	21.59	21.93	24.77	30.00
2462MHz	Pass	3.56	22.15	22.46	25.32	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.56	19.33	19.43	22.39	30.00
2437MHz	Pass	3.56	19.51	21.15	23.42	30.00
2457MHz	Pass	3.56	19.53	21.05	23.37	30.00
2462MHz	Pass	3.56	19.89	20.41	23.17	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.56	18.79	18.85	21.83	30.00
2437MHz	Pass	3.56	19.29	20.89	23.17	30.00
2457MHz	Pass	3.56	19.44	20.94	23.26	30.00
2462MHz	Pass	3.56	17.64	18.41	21.05	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.56	17.36	17.78	20.59	30.00
2427MHz	Pass	3.56	18.47	18.65	21.57	30.00
2432MHz	Pass	3.56	19.14	19.40	22.28	30.00
2437MHz	Pass	3.56	18.31	19.46	21.93	30.00
2442MHz	Pass	3.56	17.65	17.91	20.79	30.00
2447MHz	Pass	3.56	16.58	16.93	19.77	30.00
2452MHz	Pass	3.56	16.64	17.04	19.85	30.00

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

Test Mode: Mode 1. EUT with Set 1 antennas

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-1.28
802.11g_Nss1,(6Mbps)_2TX	-1.86
802.11n HT20_Nss1,(MCS0)_2TX	-1.43
802.11n HT40_Nss1,(MCS0)_2TX	-8.86

RBW=3kHz.

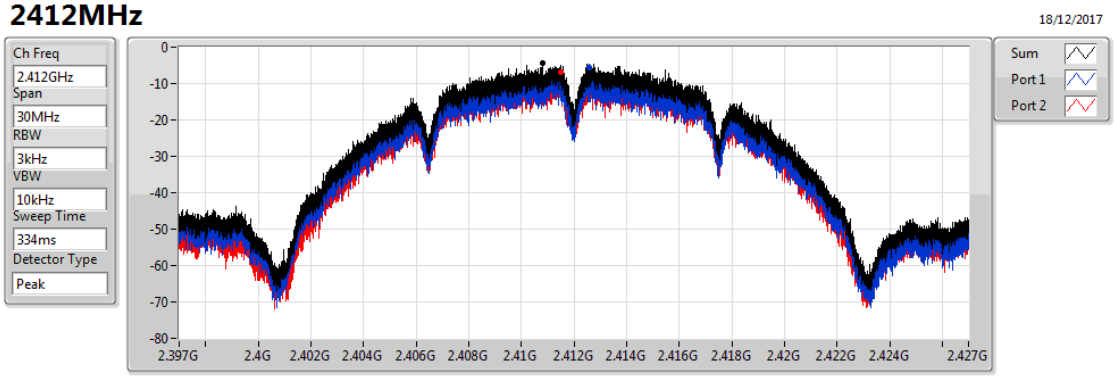
Result

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	8.30	-5.71	-6.77	-4.43	5.70
2437MHz	Pass	8.30	-5.53	-5.64	-3.69	5.70
2462MHz	Pass	8.30	-2.06	-3.08	-1.28	5.70
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	8.30	-7.24	-8.02	-6.10	5.70
2417MHz						
2437MHz	Pass	8.30	-5.40	-2.41	-1.86	5.70
2457MHz						
2462MHz	Pass	8.30	-6.53	-6.72	-4.65	5.70
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	8.30	-8.26	-8.84	-6.22	5.70
2417MHz						
2437MHz	Pass	8.30	-3.86	-4.99	-1.43	5.70
2457MHz						
2462MHz	Pass	8.30	-9.42	-8.54	-6.53	5.70
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	8.30	-14.48	-13.69	-12.51	5.70
2427MHz						
2432MHz						
2437MHz	Pass	8.30	-9.42	-11.00	-8.86	5.70
2442MHz						
2447MHz						
2452MHz	Pass	8.30	-13.34	-13.64	-11.57	5.70

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

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

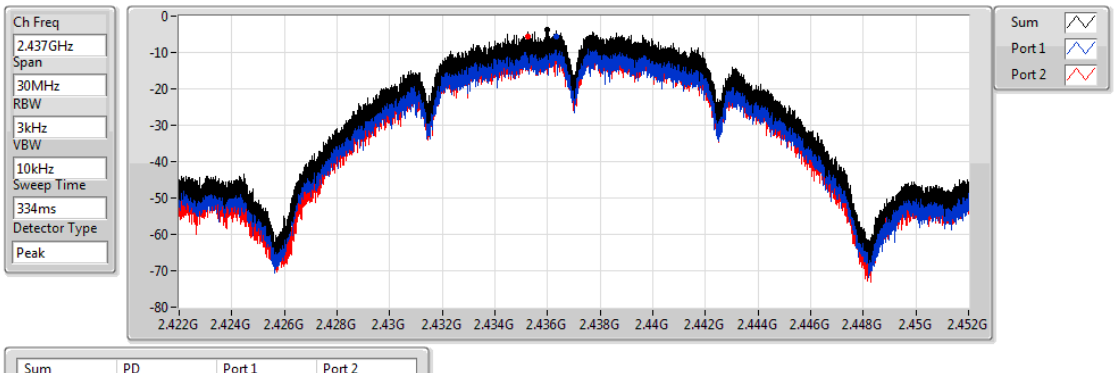
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.43	-4.43	-5.71	-6.77

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

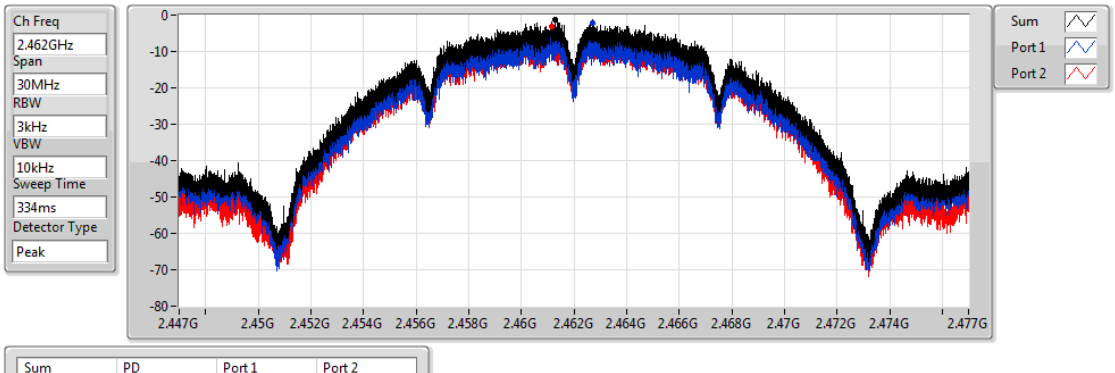
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.69	-3.69	-5.53	-5.64

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

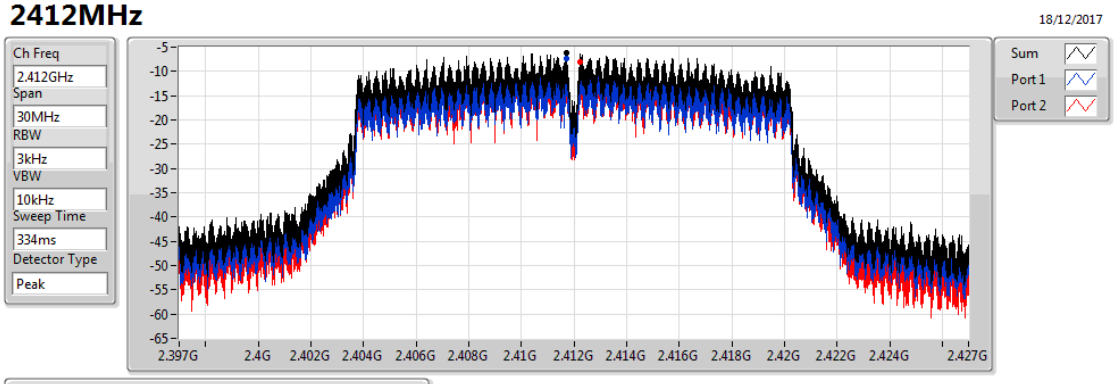
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.28	-1.28	-2.06	-3.08

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

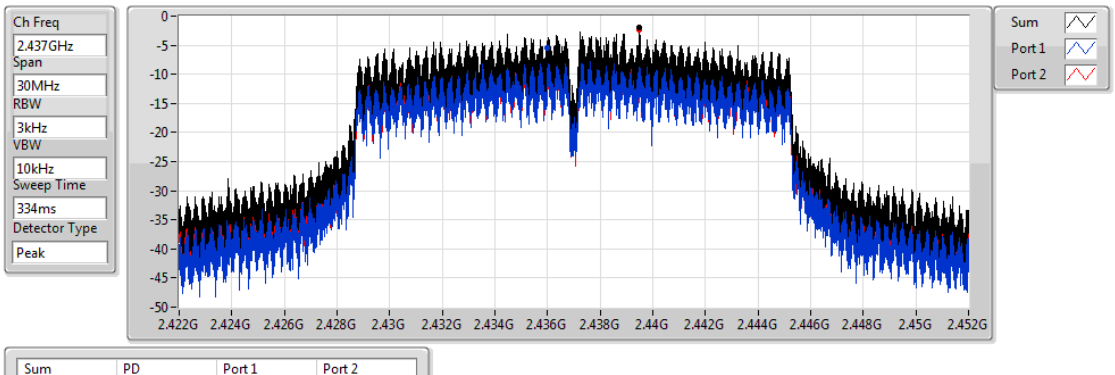
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.10	-6.10	-7.24	-8.02

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

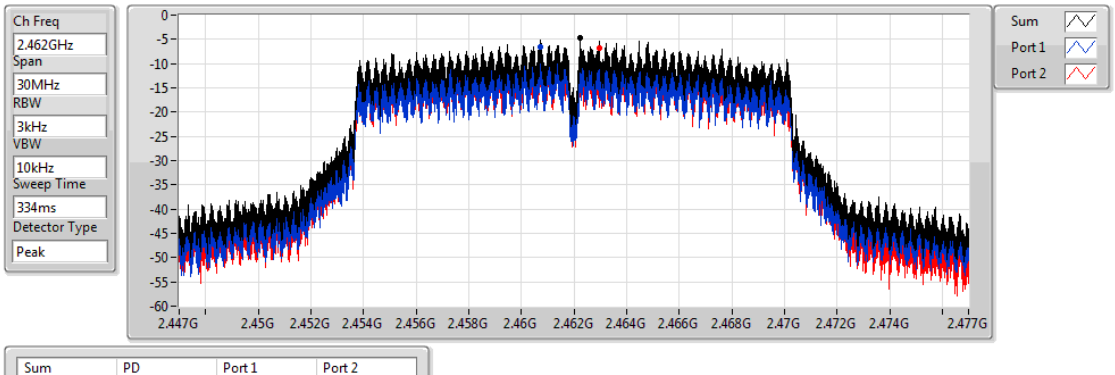
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.86	-1.86	-5.40	-2.41

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

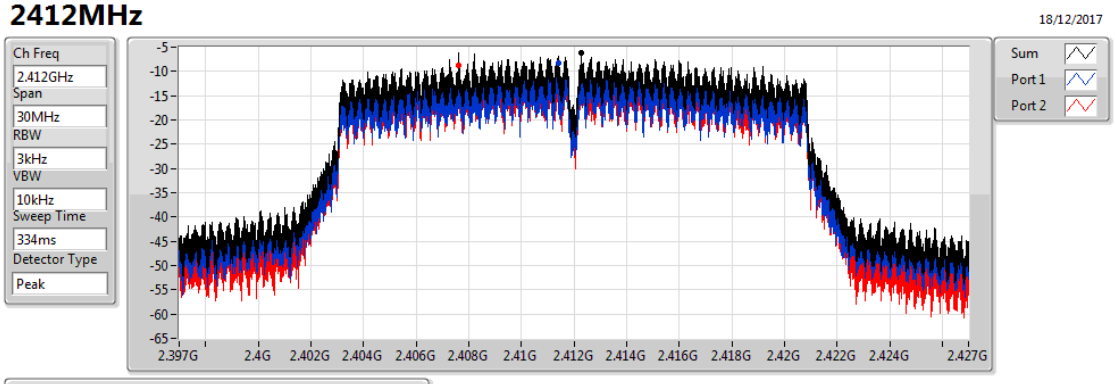
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.65	-4.65	-6.53	-6.72

802.11n HT20_Nss1,(MCS0)_2TX PSD

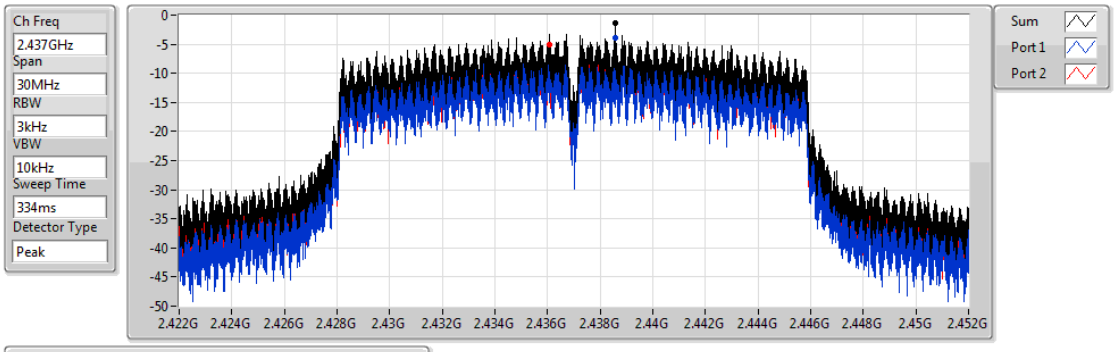
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.22	-6.22	-8.26	-8.84

802.11n HT20_Nss1,(MCS0)_2TX PSD

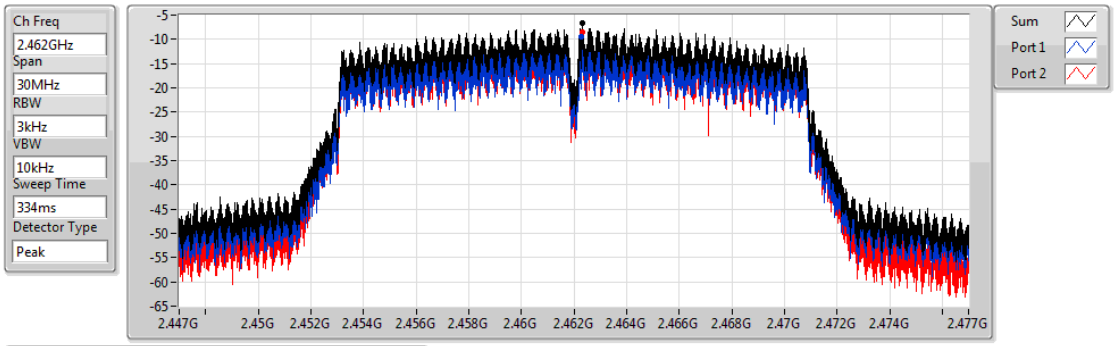
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.43	-1.43	-3.86	-4.99

802.11n HT20_Nss1,(MCS0)_2TX PSD

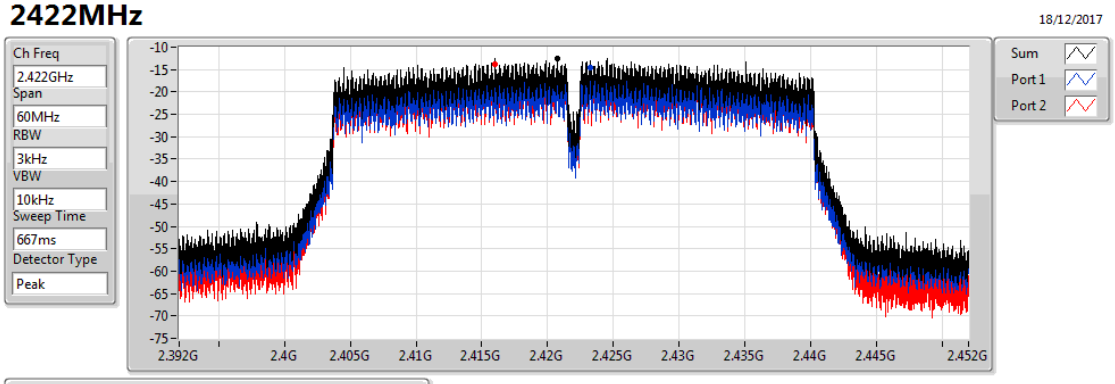
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.53	-6.53	-9.42	-8.54

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

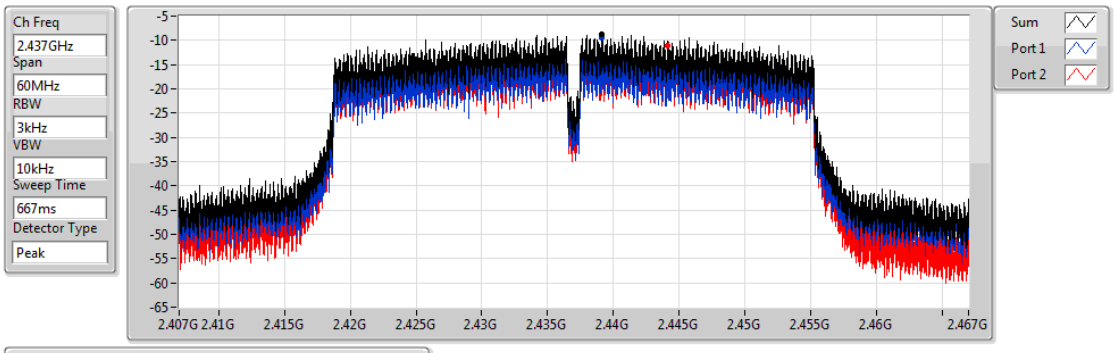
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.51	-12.51	-14.48	-13.69

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

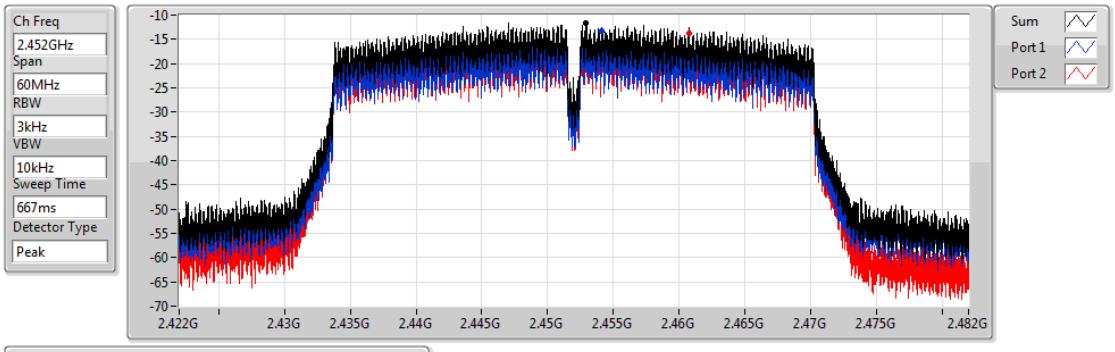
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.86	-8.86	-9.42	-11.00

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

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.57	-11.57	-13.34	-13.64

Test Mode: Mode 2. EUT with Set 2 antennas

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	0.41
802.11g_Nss1,(6Mbps)_2TX	-1.86
802.11n HT20_Nss1,(MCS0)_2TX	-1.43
802.11n HT40_Nss1,(MCS0)_2TX	-7.14

RBW=3kHz.

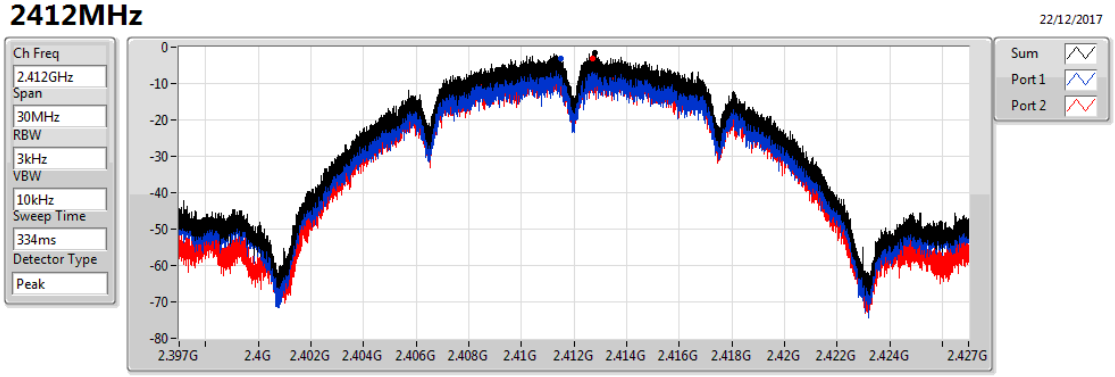
Result

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	3.88	-3.02	-3.17	-1.53	8.00
2437MHz	Pass	3.88	-2.13	-2.4	0.41	8.00
2462MHz	Pass	3.88	-2.06	-3.08	-1.28	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.88	-6.97	-6.24	-4.73	8.00
2437MHz	Pass	3.88	-5.4	-2.41	-1.86	8.00
2462MHz	Pass	3.88	-5.67	-5.85	-4.29	8.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.88	-7.38	-6.97	-4.85	8.00
2437MHz	Pass	3.88	-3.86	-4.99	-1.43	8.00
2462MHz	Pass	3.88	-6.74	-4.49	-3.29	8.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.88	-10.23	-11.24	-8.99	8.00
2437MHz	Pass	3.88	-8.61	-9.07	-7.14	8.00
2452MHz	Pass	3.88	-12.21	-11.56	-10.60	8.00

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

802.11b_Nss1,(1Mbps)_2TX PSD

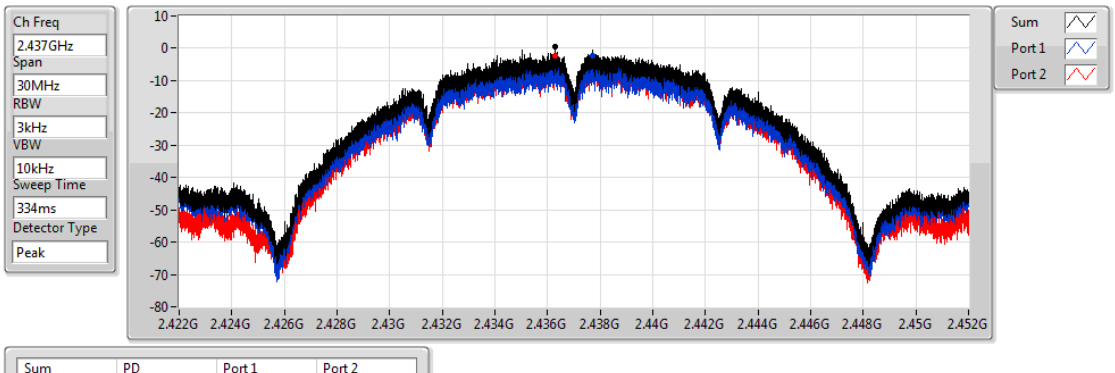
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.53	-1.53	-3.02	-3.17

802.11b_Nss1,(1Mbps)_2TX PSD

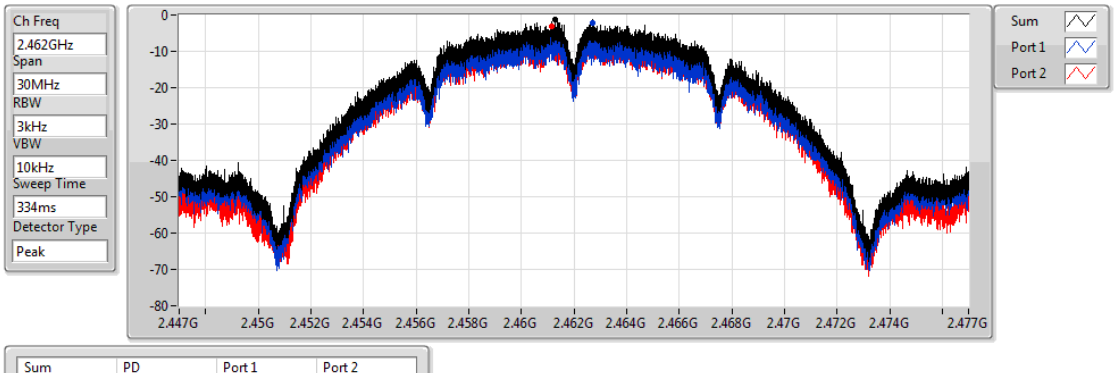
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.41	0.41	-2.13	-2.40

802.11b_Nss1,(1Mbps)_2TX PSD

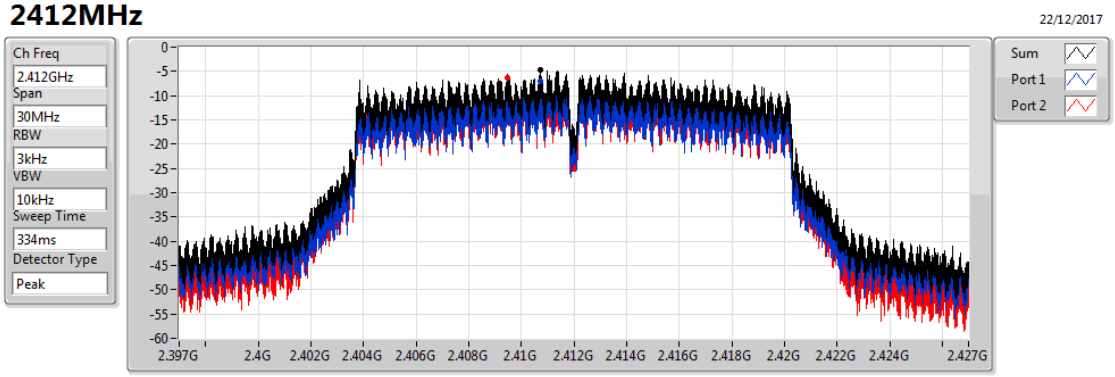
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.28	-1.28	-2.06	-3.08

802.11g_Nss1,(6Mbps)_2TX PSD

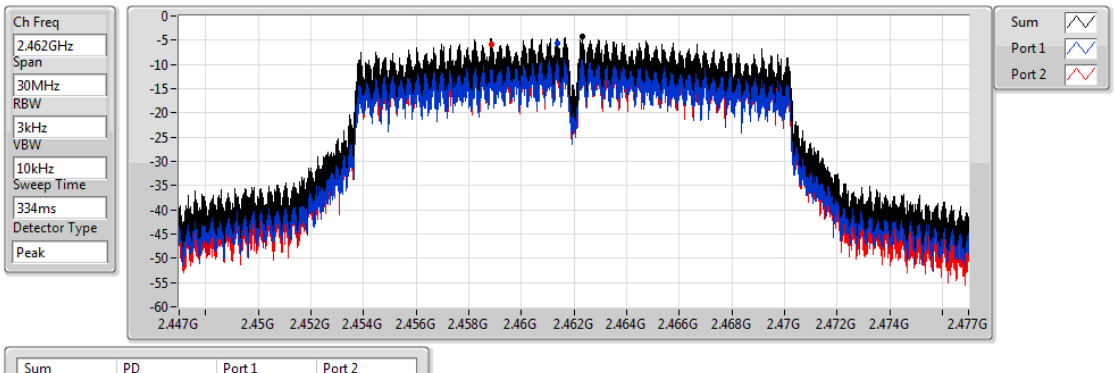
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.73	-4.73	-6.97	-6.24

802.11g_Nss1,(6Mbps)_2TX PSD

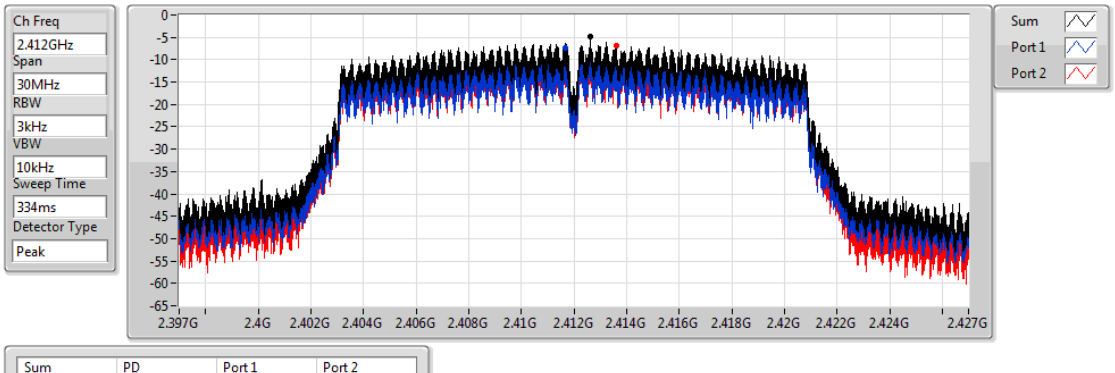
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.29	-4.29	-5.67	-5.85

802.11n HT20_Nss1,(MCS0)_2TX PSD

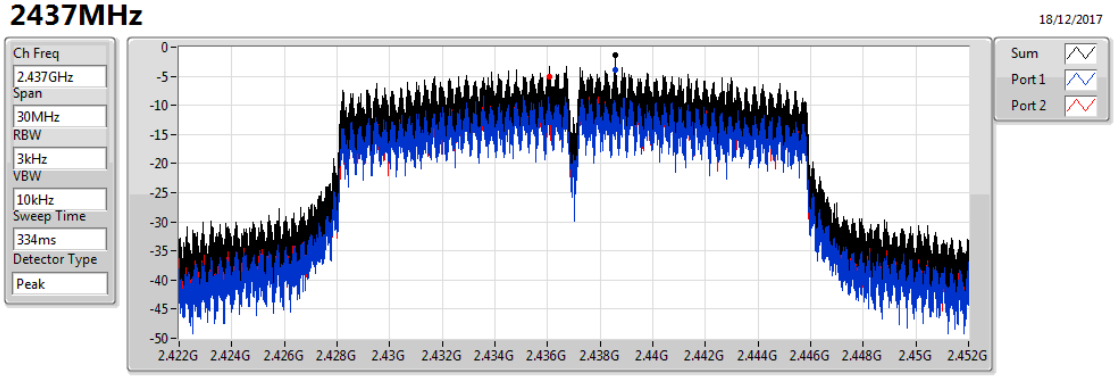
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.85	-4.85	-7.38	-6.97

802.11n HT20_Nss1,(MCS0)_2TX PSD

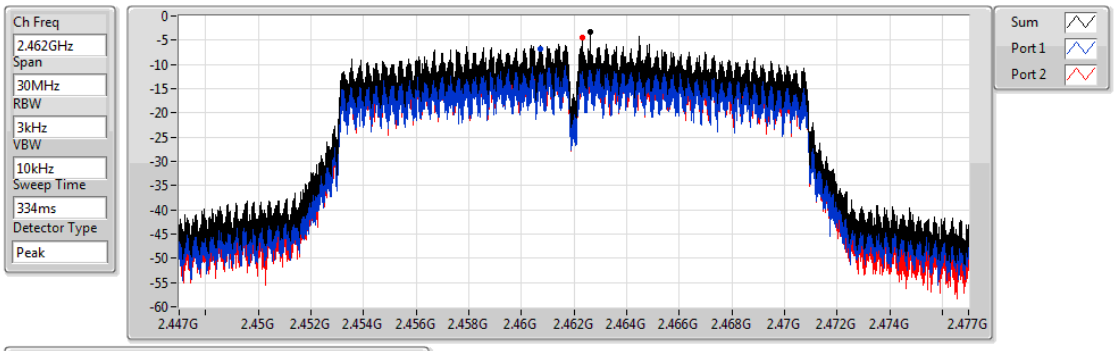
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.43	-1.43	-3.86	-4.99

802.11n HT20_Nss1,(MCS0)_2TX PSD

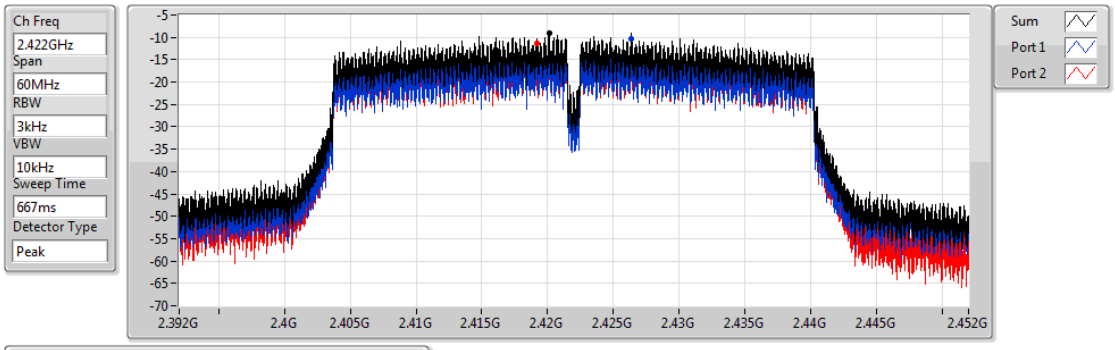
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.29	-3.29	-6.74	-4.49

802.11n HT40_Nss1,(MCS0)_2TX PSD

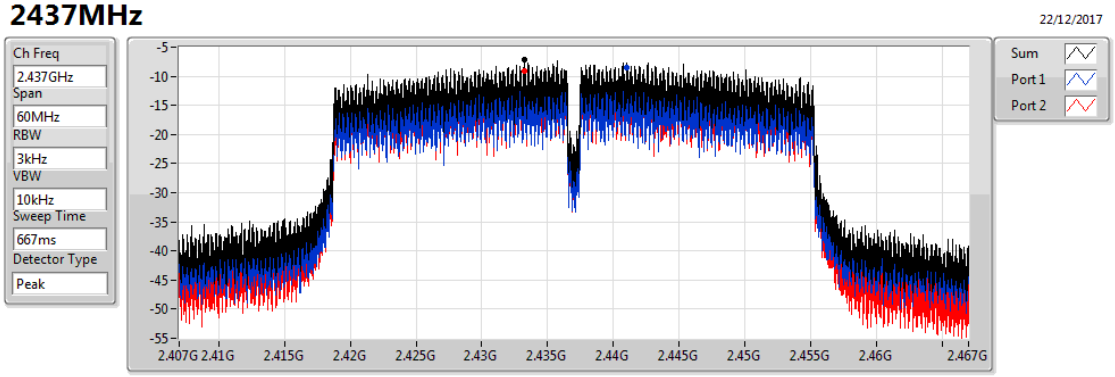
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.99	-8.99	-10.23	-11.24

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

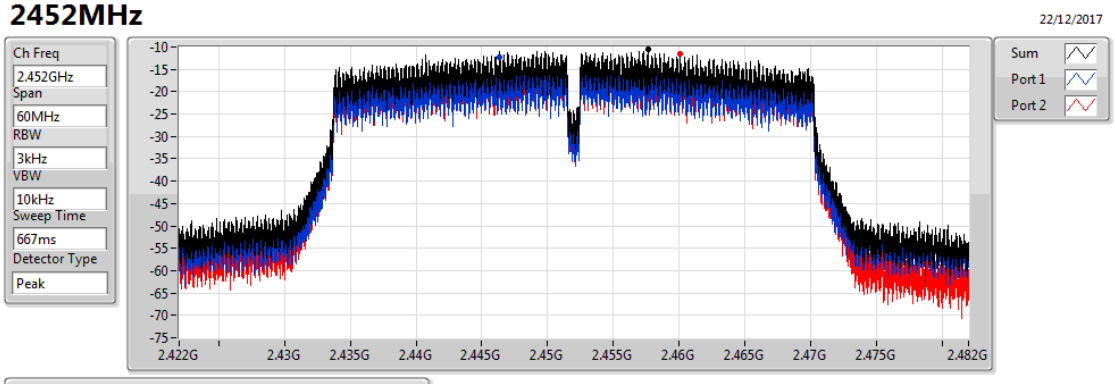
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.14	-7.14	-8.61	-9.07

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

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.60	-10.60	-12.21	-11.56

Test Mode: Mode 3. EUT with Set 3 antennas

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	1.09
802.11g_Nss1,(6Mbps)_2TX	-1.97
802.11n HT20_Nss1,(MCS0)_2TX	-1.38
802.11n HT40_Nss1,(MCS0)_2TX	-8.01

RBW=3kHz.

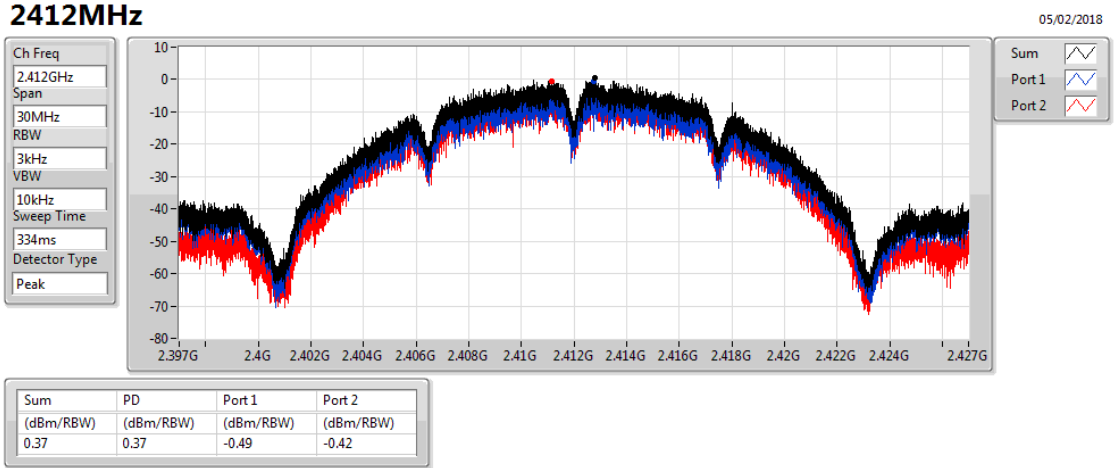
Result

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	5.89	-0.49	-0.42	0.37	8.00
2437MHz	Pass	5.89	-0.80	-1.22	0.41	8.00
2462MHz	Pass	5.89	-0.11	-0.43	1.09	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.89	-6.44	-6.33	-4.78	8.00
2437MHz	Pass	5.89	-4.85	-2.73	-1.97	8.00
2462MHz	Pass	5.89	-6.23	-6.48	-4.10	8.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.89	-5.95	-7.38	-4.71	8.00
2437MHz	Pass	5.89	-2.04	-2.35	-1.38	8.00
2462MHz	Pass	5.89	-5.43	-3.95	-3.17	8.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.89	-10.91	-10.46	-9.47	8.00
2437MHz	Pass	5.89	-9.06	-9.02	-8.01	8.00
2452MHz	Pass	5.89	-12.24	-12.39	-10.75	8.00

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

802.11b_Nss1,(1Mbps)_2TX PSD

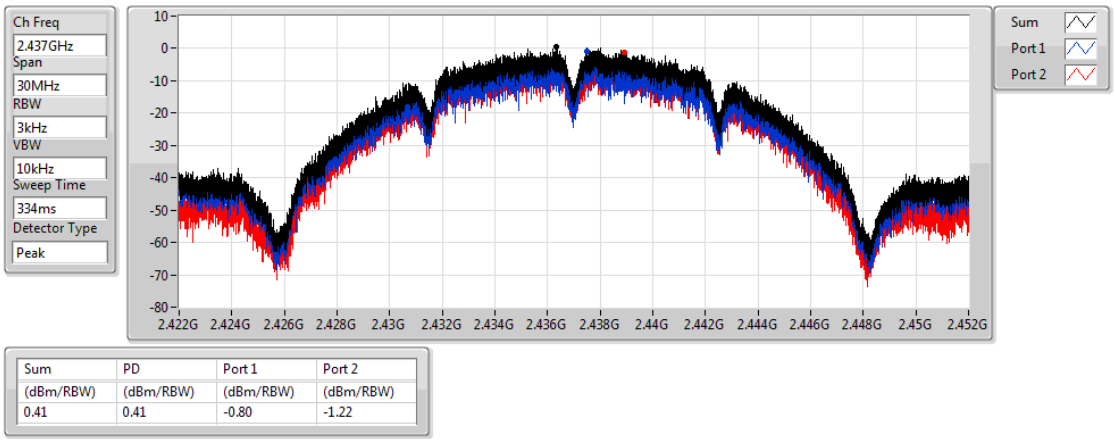
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.37	0.37	-0.49	-0.42

802.11b_Nss1,(1Mbps)_2TX PSD

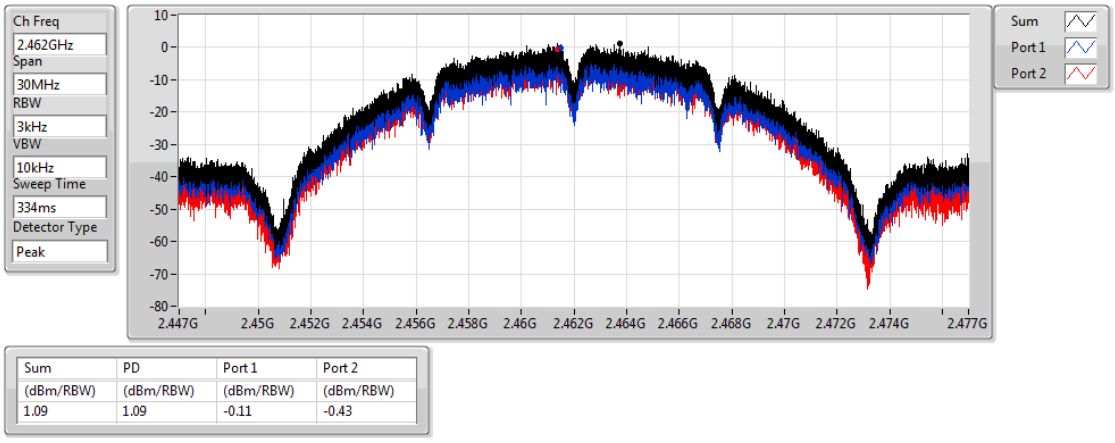
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.41	0.41	-0.80	-1.22

802.11b_Nss1,(1Mbps)_2TX PSD

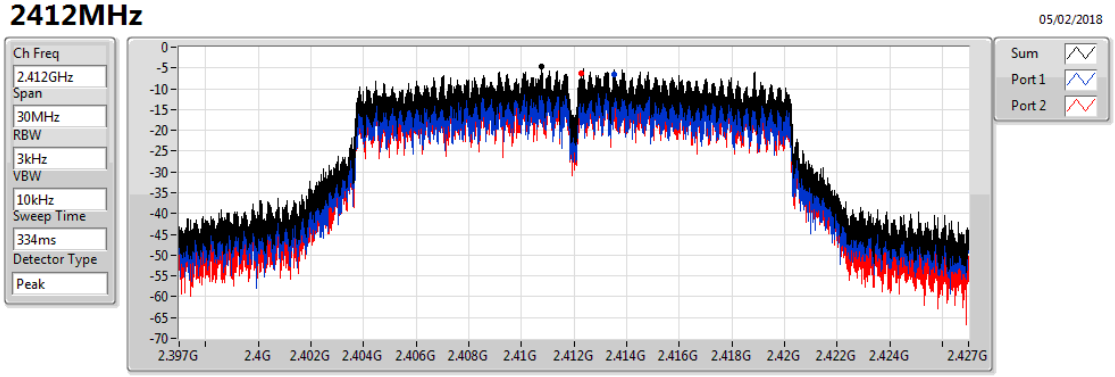
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.09	1.09	-0.11	-0.43

802.11g_Nss1,(6Mbps)_2TX PSD

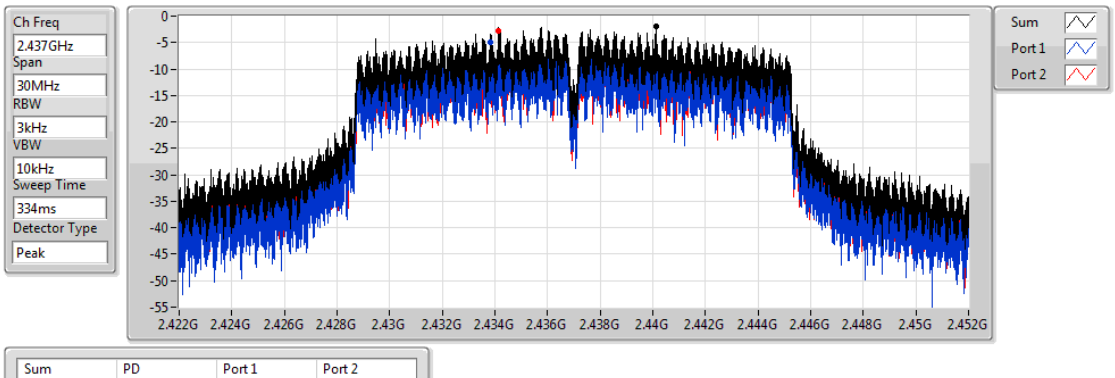
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.78	-4.78	-6.44	-6.33

802.11g_Nss1,(6Mbps)_2TX PSD

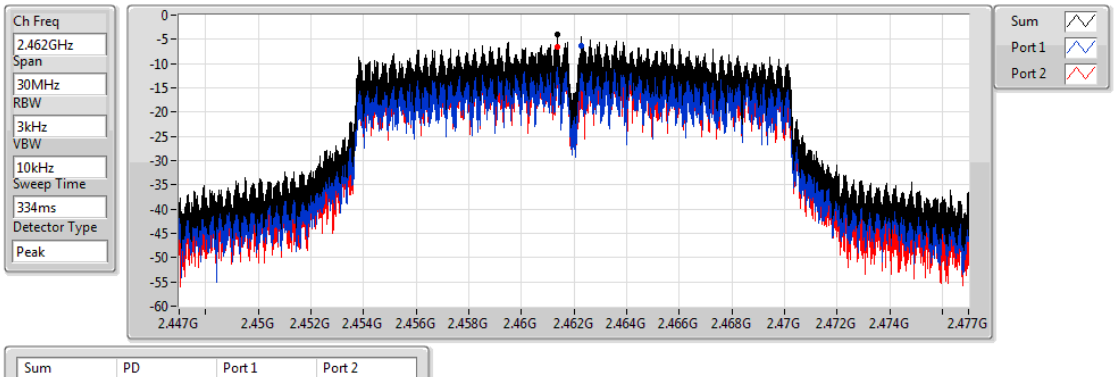
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.97	-1.97	-4.85	-2.73

802.11g_Nss1,(6Mbps)_2TX PSD

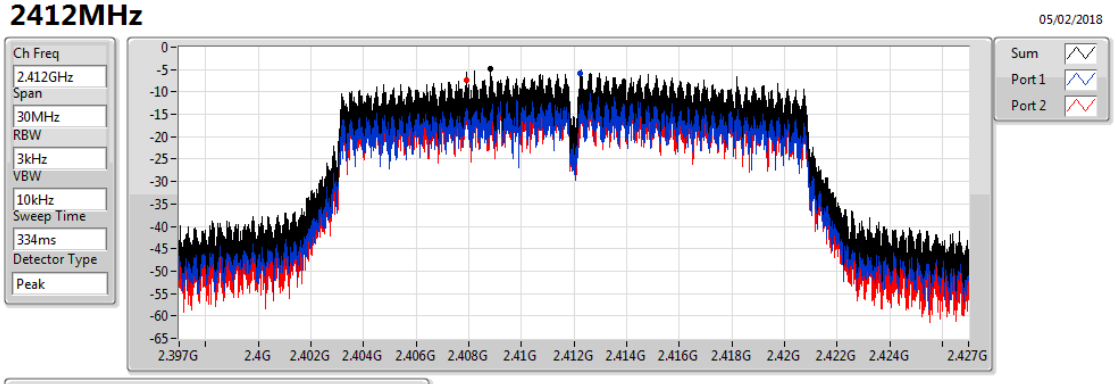
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.10	-4.10	-6.23	-6.48

802.11n HT20_Nss1,(MCS0)_2TX PSD

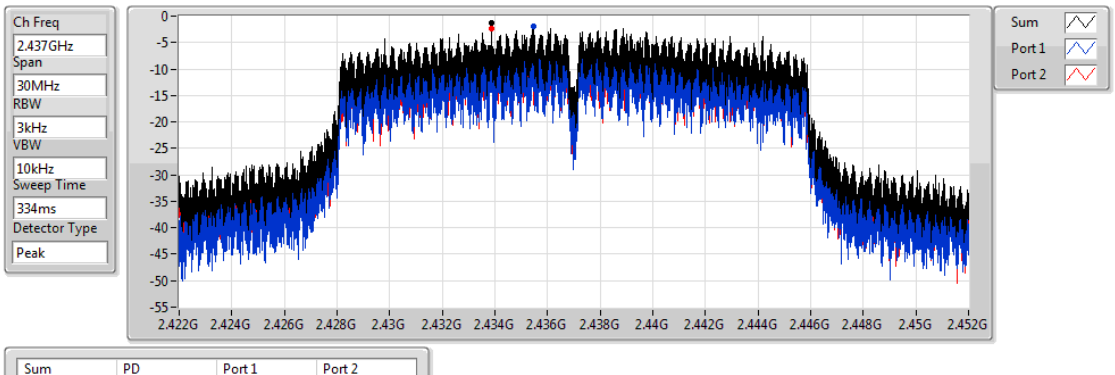
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.71	-4.71	-5.95	-7.38

802.11n HT20_Nss1,(MCS0)_2TX PSD

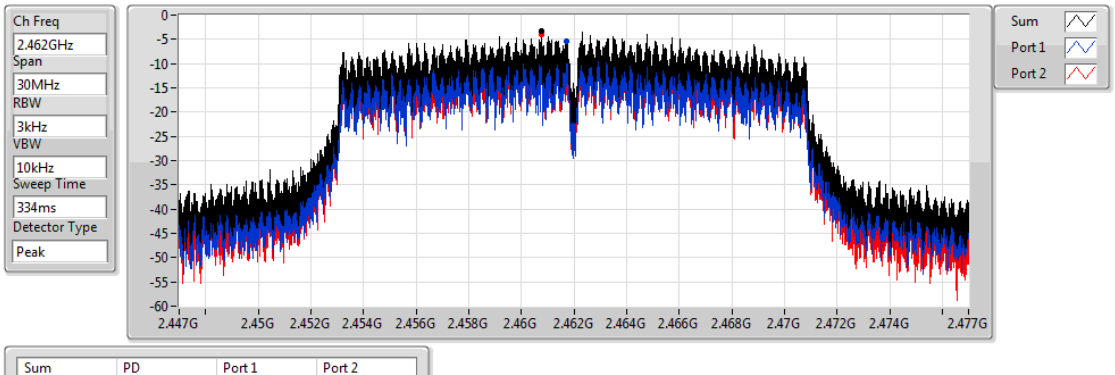
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.38	-1.38	-2.04	-2.35

802.11n HT20_Nss1,(MCS0)_2TX PSD

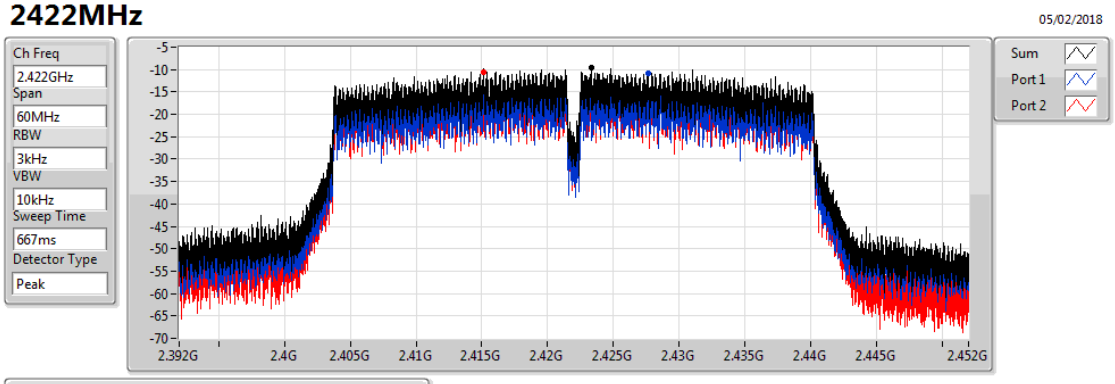
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.17	-3.17	-5.43	-3.95

802.11n HT40_Nss1,(MCS0)_2TX PSD

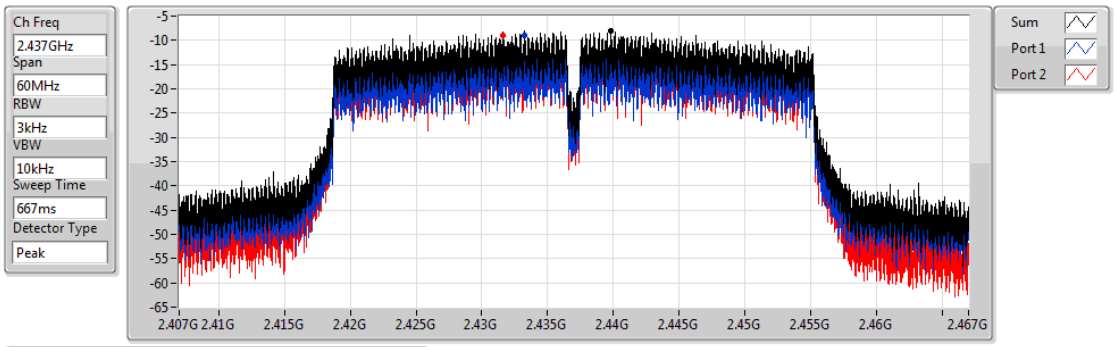
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.47	-9.47	-10.91	-10.46

802.11n HT40_Nss1,(MCS0)_2TX PSD

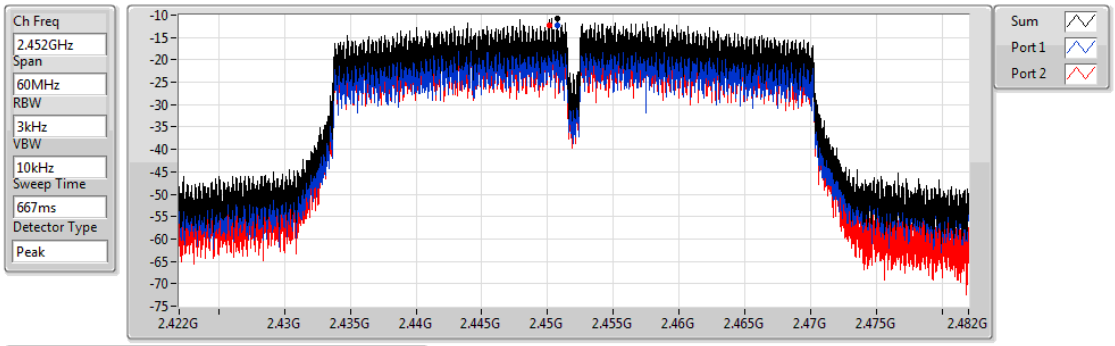
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.01	-8.01	-9.06	-9.02

802.11n HT40_Nss1,(MCS0)_2TX PSD

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.75	-10.75	-12.24	-12.39

Test Mode: Mode 1. EUT with Set 1 antennas

Summary

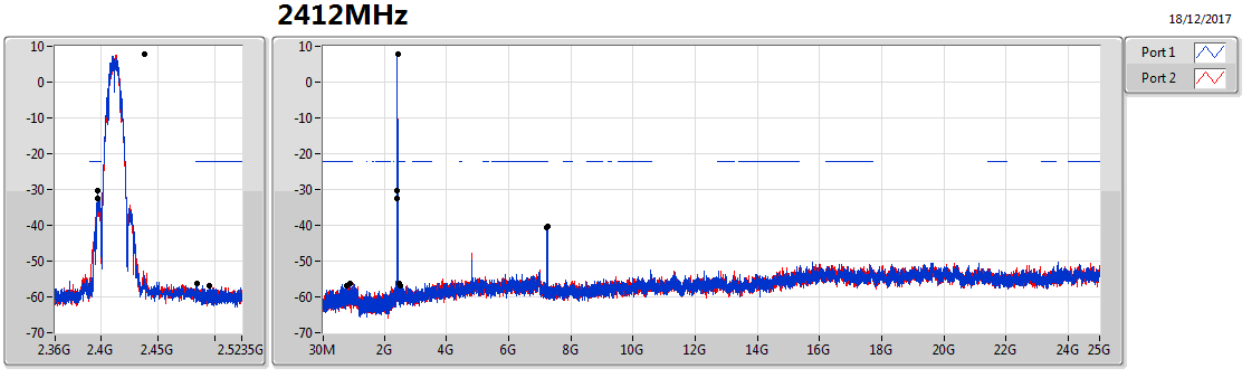
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.437909G	7.76	-22.24	874.625M	-56.30	2.39704G	-30.33	2.4843G	-56.35	7.232327G	-40.69	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.437575G	7.46	-22.54	953.845M	-56.83	2.39928G	-24.25	2.48814G	-56.32	7.235136G	-43.45	1
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.44008G	7.60	-22.40	631.14M	-56.88	2.39896G	-24.65	2.49278G	-55.29	7.237946G	-44.62	1
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.442585G	1.78	-28.22	836.08M	-57.17	2.39808G	-32.34	2.48494G	-41.59	17.694115G	-50.46	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	2.437909G	7.76	-22.24	874.625M	-56.30	2.39704G	-30.33	2.4843G	-56.35	7.232327G	-40.69	1
2412MHz	Pass	2.437909G	7.76	-22.24	767.445M	-56.87	2.39704G	-32.57	2.49518G	-56.75	7.235136G	-40.26	2
2437MHz	Pass	2.437909G	7.76	-22.24	872.295M	-56.60	2.39504G	-56.53	2.48462G	-56.57	17.610851G	-49.99	1
2437MHz	Pass	2.437909G	7.76	-22.24	830.355M	-56.40	2.39816G	-56.77	2.49134G	-56.35	24.991571G	-50.34	2
2462MHz	Pass	2.437909G	7.76	-22.24	878.12M	-56.24	2.39696G	-56.59	2.48398G	-52.95	24.643186G	-50.84	1
2462MHz	Pass	2.437909G	7.76	-22.24	858.315M	-56.76	2.39832G	-56.84	2.4879G	-51.37	16.7146G	-50.83	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.437575G	7.46	-22.54	953.845M	-56.83	2.39928G	-24.25	2.48814G	-56.32	7.235136G	-43.45	1
2412MHz	Pass	2.437575G	7.46	-22.54	855.985M	-56.83	2.39968G	-28.06	2.49086G	-56.20	7.237946G	-42.71	2
2417MHz													
2437MHz	Pass	2.437575G	7.46	-22.54	950.35M	-56.24	2.39912G	-54.11	2.50206G	-56.17	24.044749G	-50.90	1
2437MHz	Pass	2.437575G	7.46	-22.54	875.79M	-56.68	2.3996G	-45.63	2.4851G	-48.85	24.011034G	-50.35	2
2457MHz													
2462MHz	Pass	2.437575G	7.46	-22.54	857.15M	-55.71	2.39688G	-57.04	2.48382G	-39.57	24.362229G	-50.80	1
2462MHz	Pass	2.437575G	7.46	-22.54	831.52M	-55.57	2.39464G	-55.76	2.4839G	-40.24	24.429659G	-50.12	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44008G	7.60	-22.40	631.14M	-56.88	2.39896G	-24.65	2.49278G	-55.29	7.237946G	-44.62	1
2412MHz	Pass	2.44008G	7.60	-22.40	943.36M	-55.79	2.39992G	-27.22	2.51334G	-56.41	7.235136G	-43.23	2
2417MHz													
2437MHz	Pass	2.44008G	7.60	-22.40	341.055M	-56.28	2.3992G	-53.27	2.48806G	-55.90	16.450501G	-50.85	1
2437MHz	Pass	2.44008G	7.60	-22.40	781.425M	-56.83	2.39928G	-42.82	2.48574G	-49.60	16.711791G	-50.58	2
2457MHz													
2462MHz	Pass	2.44008G	7.60	-22.40	858.315M	-56.51	2.3944G	-56.79	2.48382G	-40.17	16.39431G	-50.94	1
2462MHz	Pass	2.44008G	7.60	-22.40	564.735M	-56.66	2.3956G	-56.35	2.48382G	-39.86	24.665662G	-49.71	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.442585G	1.78	-28.22	705.55M	-56.76	2.39584G	-35.89	2.49054G	-55.29	16.757391G	-50.77	1
2422MHz	Pass	2.442585G	1.78	-28.22	735.32M	-56.48	2.39584G	-38.71	2.48446G	-54.73	16.272202G	-49.78	2
2427MHz													
2432MHz													
2437MHz	Pass	2.442585G	1.78	-28.22	836.08M	-57.17	2.39808G	-32.34	2.48494G	-41.59	17.694115G	-50.46	1
2437MHz	Pass	2.442585G	1.78	-28.22	648.3M	-57.05	2.39648G	-34.51	2.48382G	-48.78	17.08272G	-50.35	2
2442MHz													
2447MHz													
2452MHz	Pass	2.442585G	1.78	-28.22	949.435M	-55.79	2.39984G	-55.10	2.48686G	-38.43	24.363364G	-50.88	1
2452MHz	Pass	2.442585G	1.78	-28.22	841.805M	-56.43	2.39936G	-55.01	2.48478G	-43.11	24.214723G	-50.33	2

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

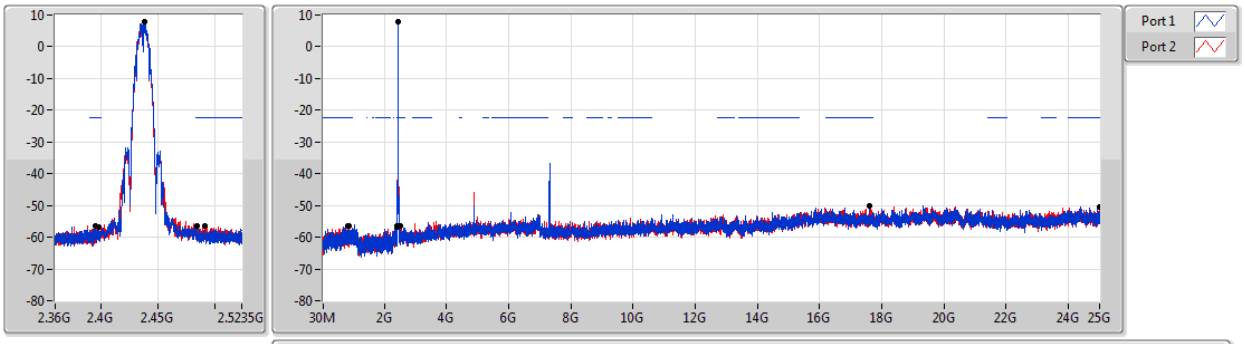
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.437909G	7.76	-22.24	874.625M	-56.30	2.39704G	-30.33	2.4843G	-56.35	7.232327G	-40.69	1
2.437909G	7.76	-22.24	767.445M	-56.87	2.39704G	-32.57	2.49518G	-56.75	7.235136G	-40.26	2

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

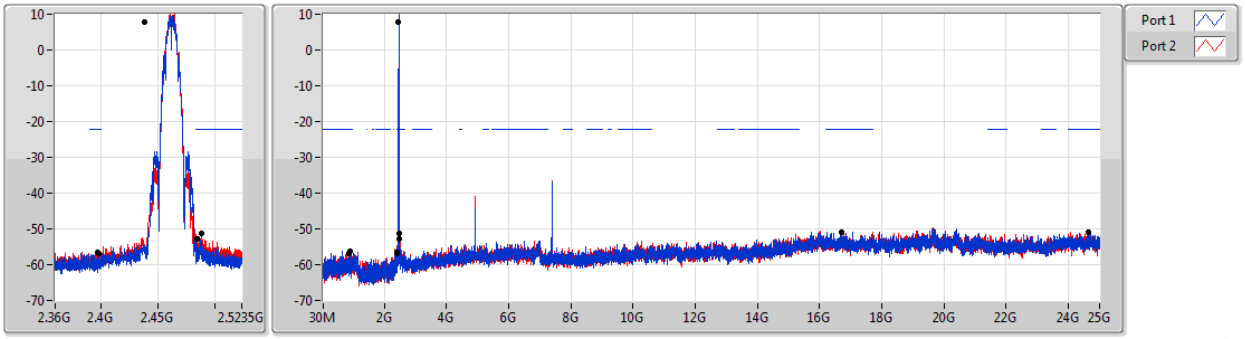
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.437909G	7.76	-22.24	872.295M	-56.60	2.39504G	-56.53	2.48462G	-56.57	17.610851G	-49.99	1
2.437909G	7.76	-22.24	830.355M	-56.40	2.39816G	-56.77	2.49134G	-56.35	24.991571G	-50.34	2

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

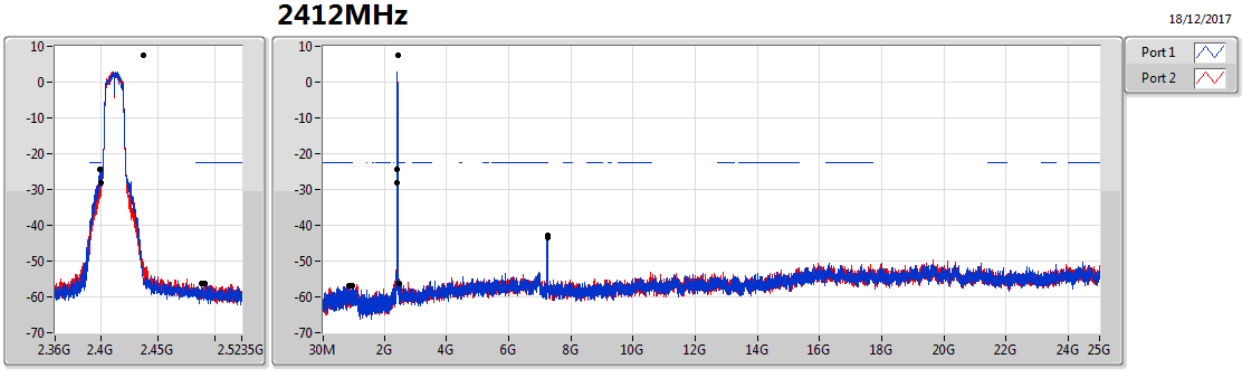
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.437909G	7.76	-22.24	878.12M	-56.24	2.39696G	-56.59	2.48398G	-52.95	24.643186G	-50.84	1
2.437909G	7.76	-22.24	858.315M	-56.76	2.39832G	-56.84	2.4879G	-51.37	16.7146G	-50.83	2

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

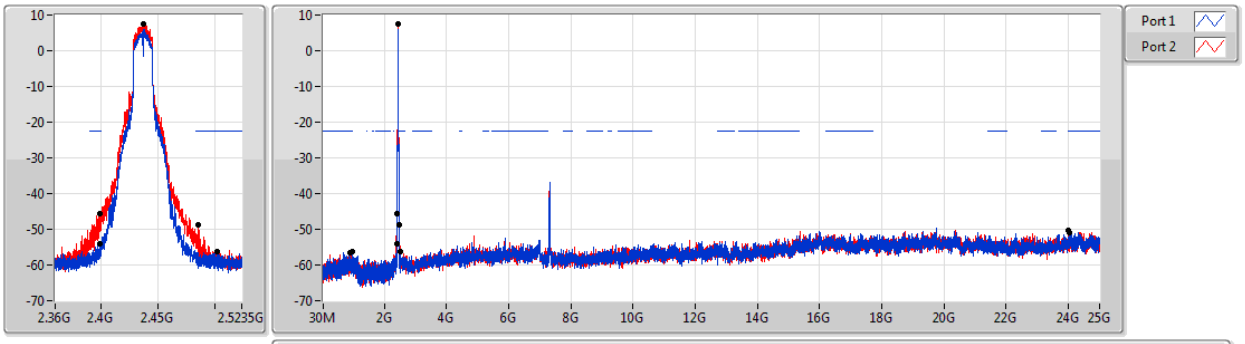
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.437575G	7.46	-22.54	953.845M	-56.83	2.39928G	-24.25	2.48814G	-56.32	7.235136G	-43.45	1
2.437575G	7.46	-22.54	855.985M	-56.83	2.39968G	-28.06	2.49086G	-56.20	7.237946G	-42.71	2

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

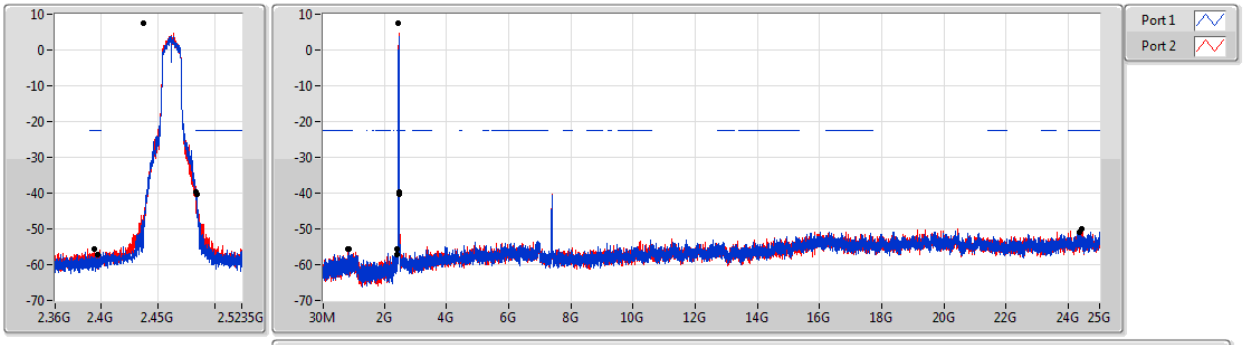
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.437575G	7.46	-22.54	950.35M	-56.24	2.39912G	-54.11	2.50206G	-56.17	24.044749G	-50.90	1
2.437575G	7.46	-22.54	875.79M	-56.68	2.3996G	-45.63	2.4851G	-48.85	24.011034G	-50.35	2

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

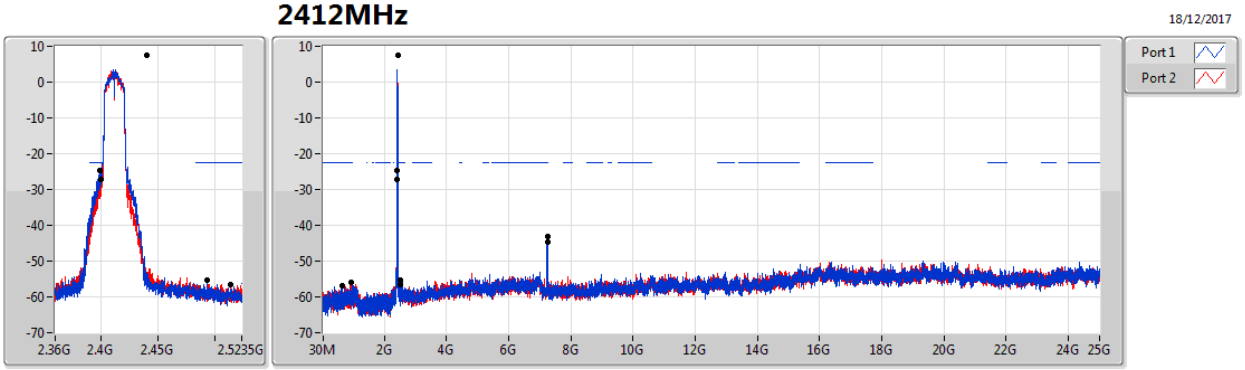
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.437575G	7.46	-22.54	857.15M	-55.71	2.39688G	-57.04	2.48382G	-39.57	24.362229G	-50.80	1
2.437575G	7.46	-22.54	831.52M	-55.57	2.39464G	-55.76	2.4839G	-40.24	24.429659G	-50.12	2

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

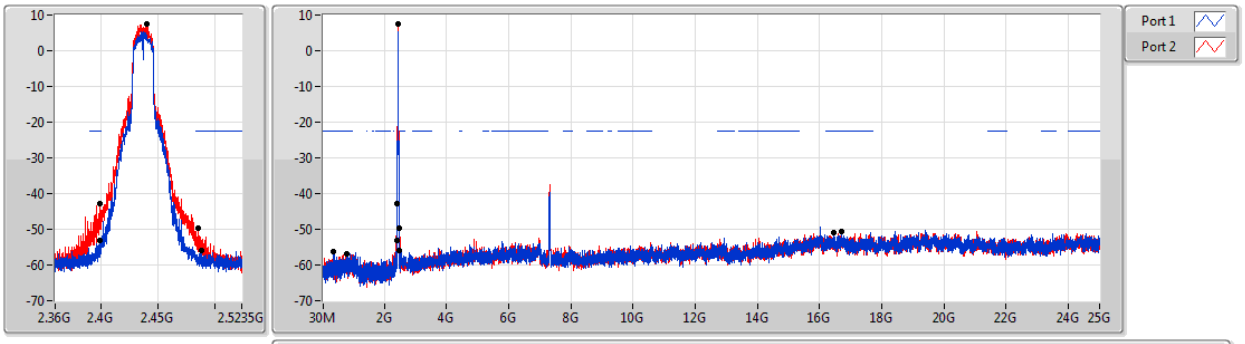
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44008G	7.60	-22.40	631.14M	-56.88	2.39896G	-24.65	2.49278G	-55.29	7.237946G	-44.62	1
2.44008G	7.60	-22.40	943.36M	-55.79	2.39992G	-27.22	2.51334G	-56.41	7.235136G	-43.23	2

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

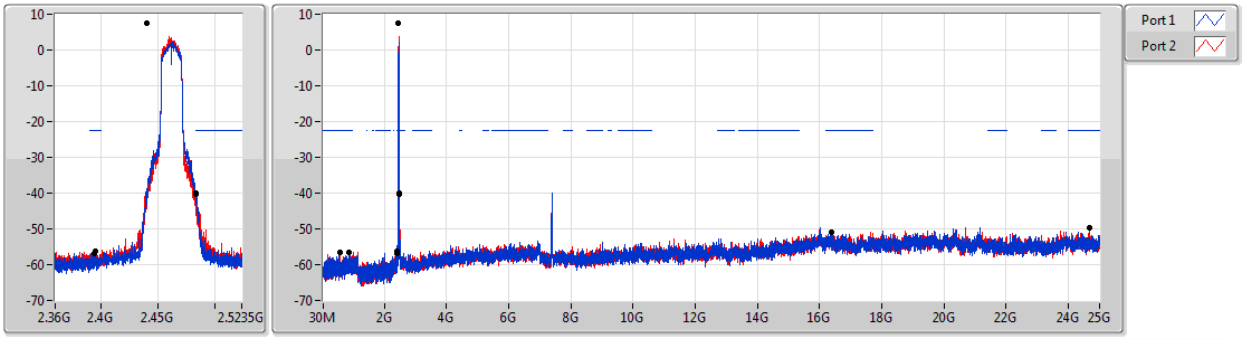
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44008G	7.60	-22.40	341.055M	-56.28	2.3992G	-53.27	2.48806G	-55.90	16.450501G	-50.85	1
2.44008G	7.60	-22.40	781.425M	-56.83	2.39928G	-42.82	2.48574G	-49.60	16.711791G	-50.58	2

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

2462MHz

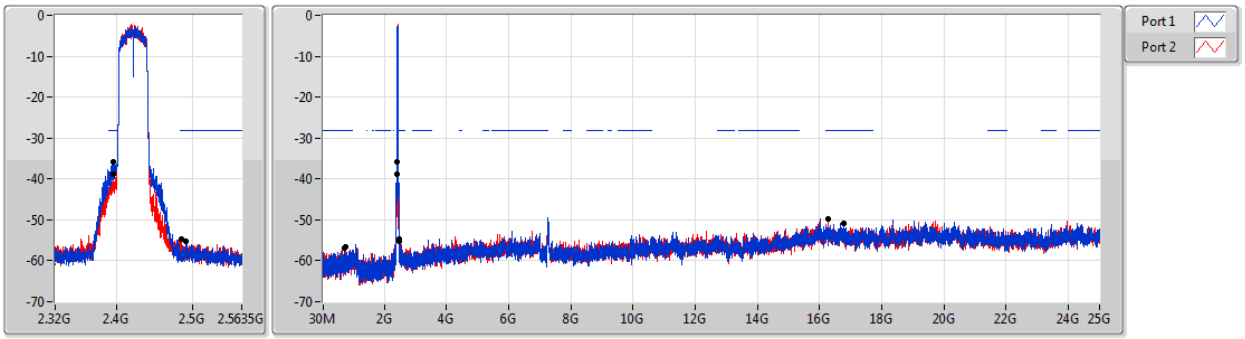


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44008G	7.60	-22.40	858.315M	-56.51	2.3944G	-56.79	2.48382G	-40.17	16.39431G	-50.94	1
2.44008G	7.60	-22.40	564.735M	-56.66	2.3956G	-56.35	2.48382G	-39.86	24.665662G	-49.71	2

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

2422MHz

18/12/2017

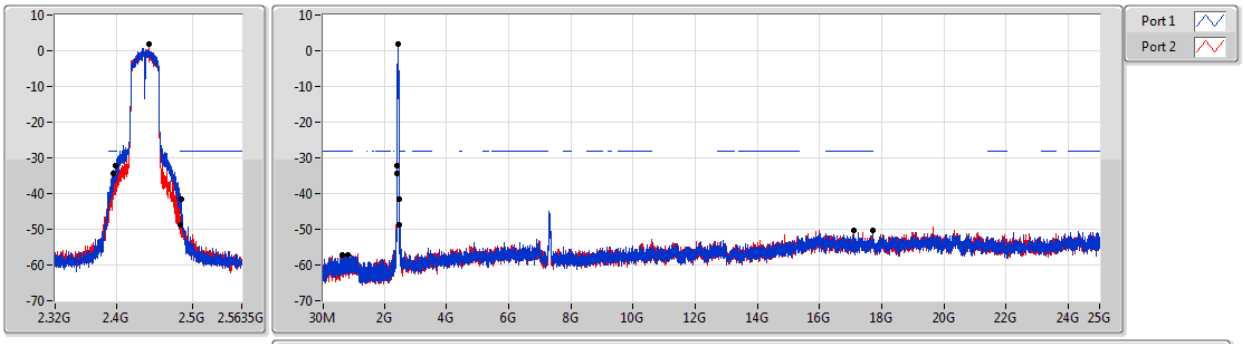


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442585G	1.78	-28.22	705.55M	-56.76	2.39584G	-35.89	2.49054G	-55.29	16.757391G	-50.77	1
2.442585G	1.78	-28.22	735.32M	-56.48	2.39584G	-38.71	2.48446G	-54.73	16.272202G	-49.78	2

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

2437MHz

18/12/2017

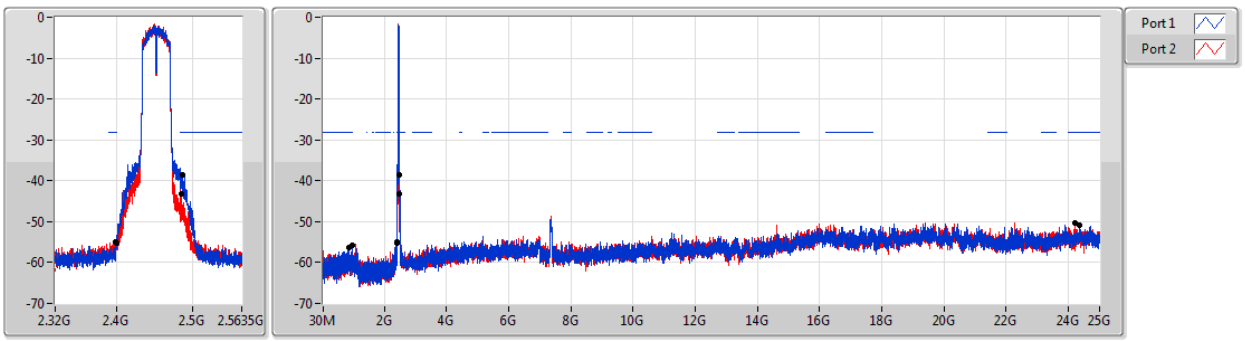


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442585G	1.78	-28.22	836.08M	-57.17	2.39808G	-32.34	2.48494G	-41.59	17.694115G	-50.46	1
2.442585G	1.78	-28.22	648.3M	-57.05	2.39648G	-34.51	2.48382G	-48.78	17.08272G	-50.35	2

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

2452MHz

18/12/2017



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442585G	1.78	-28.22	949.435M	-55.79	2.39984G	-55.10	2.48686G	-38.43	24.363364G	-50.88	1
2.442585G	1.78	-28.22	841.805M	-56.43	2.39936G	-55.01	2.48478G	-43.11	24.214723G	-50.33	2

Test Mode: Mode 2. EUT with Set 2 antennas

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	2.438577G	11.08	-18.92	2.30175G	-60.73	2.39704G	-29.28	2.52062G	-58.48	7.235136G	-38.23	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.436406G	8.33	-21.67	2.300585G	-59.66	2.39992G	-22.15	2.48654G	-57.90	7.237946G	-43.07	1
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.438243G	8.56	-21.44	2.30175G	-61.26	2.39928G	-22.11	2.48654G	-57.29	7.232327G	-41.41	1
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.440748G	3.27	-26.73	2.309695G	-60.25	2.39808G	-27.60	2.48814G	-55.97	7.235901G	-50.24	1

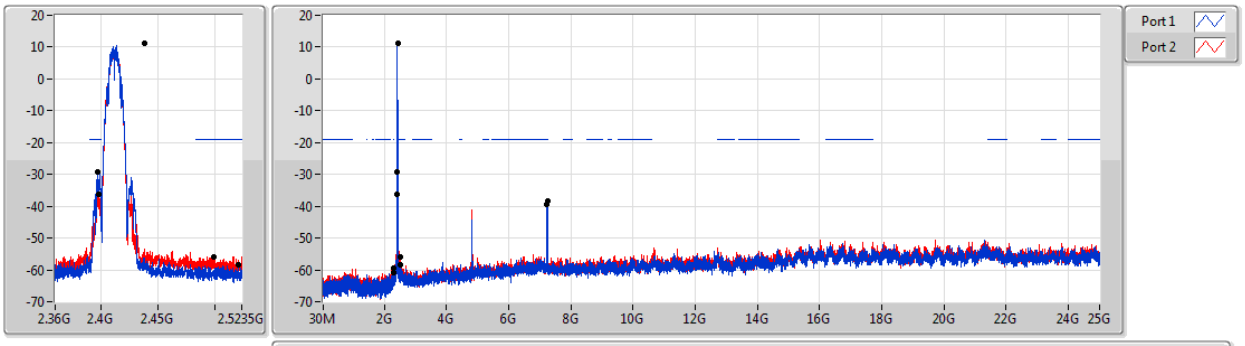
Result

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	2.438577G	11.08	-18.92	2.30175G	-60.73	2.39704G	-29.28	2.52062G	-58.48	7.235136G	-38.23	1
2412MHz	Pass	2.438577G	11.08	-18.92	2.300585G	-59.34	2.398G	-36.17	2.4991G	-55.80	7.232327G	-39.42	2
2437MHz	Pass	2.438577G	11.08	-18.92	2.309905G	-59.27	2.39904G	-56.77	2.4955G	-57.43	16.84384G	-52.48	1
2437MHz	Pass	2.438577G	11.08	-18.92	788.415M	-60.28	2.39592G	-55.36	2.4851G	-53.76	16.391501G	-51.55	2
2462MHz	Pass	2.438577G	11.08	-18.92	938.7M	-60.57	2.39208G	-57.43	2.4879G	-54.45	21.808337G	-52.22	1
2462MHz	Pass	2.438577G	11.08	-18.92	871.13M	-59.21	2.39568G	-57.25	2.48886G	-51.48	16.310023G	-51.07	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.436406G	8.33	-21.67	2.300585G	-59.66	2.39992G	-22.15	2.48654G	-57.90	7.237946G	-43.07	1
2412MHz	Pass	2.436406G	8.33	-21.67	238.535M	-59.91	2.39992G	-23.21	2.48398G	-56.87	7.240755G	-43.13	2
2437MHz	Pass	2.436406G	8.33	-21.67	756.96M	-61.50	2.39992G	-53.39	2.4979G	-56.86	16.723029G	-51.55	1
2437MHz	Pass	2.436406G	8.33	-21.67	2.300585G	-59.29	2.39952G	-44.44	2.48382G	-49.63	24.780854G	-52.04	2
2462MHz	Pass	2.436406G	8.33	-21.67	537.94M	-61.50	2.39632G	-57.48	2.48374G	-38.82	16.326881G	-51.85	1
2462MHz	Pass	2.436406G	8.33	-21.67	2.30874G	-61.03	2.3936G	-56.75	2.48382G	-39.49	17.018033G	-51.54	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.438243G	8.56	-21.44	2.30175G	-61.26	2.39928G	-22.11	2.48654G	-57.29	7.232327G	-41.41	1
2412MHz	Pass	2.438243G	8.56	-21.44	2.305245G	-59.95	2.39952G	-24.44	2.48374G	-57.22	7.235136G	-43.64	2
2437MHz	Pass	2.438243G	8.56	-21.44	2.30175G	-60.56	2.39936G	-49.54	2.48374G	-57.00	16.647171G	-52.04	1
2437MHz	Pass	2.438243G	8.56	-21.44	2.307575G	-60.08	2.3996G	-42.67	2.48358G	-48.19	24.758378G	-50.88	2
2462MHz	Pass	2.438243G	8.56	-21.44	886.275M	-61.02	2.39848G	-58.10	2.48382G	-37.25	17.408562G	-52.13	1
2462MHz	Pass	2.438243G	8.56	-21.44	2.300585G	-60.63	2.39328G	-56.95	2.4847G	-38.94	16.391501G	-51.58	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.440748G	3.27	-26.73	2.309695G	-60.25	2.39808G	-27.60	2.48814G	-55.97	7.235901G	-50.24	1
2422MHz	Pass	2.440748G	3.27	-26.73	2.302825G	-59.26	2.39984G	-31.48	2.48814G	-55.29	7.249924G	-49.10	2
2437MHz	Pass	2.440748G	3.27	-26.73	2.30397G	-61.03	2.39872G	-27.73	2.48398G	-36.08	21.499906G	-51.75	1
2437MHz	Pass	2.440748G	3.27	-26.73	2.305115G	-59.27	2.39888G	-27.84	2.4851G	-39.43	16.698495G	-51.02	2
2452MHz	Pass	2.440748G	3.27	-26.73	873.865M	-60.26	2.39984G	-55.01	2.48574G	-37.54	16.667645G	-52.24	1
2452MHz	Pass	2.440748G	3.27	-26.73	695.245M	-60.72	2.392G	-53.24	2.48558G	-42.56	21.435401G	-51.24	2

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

2412MHz

22/12/2017

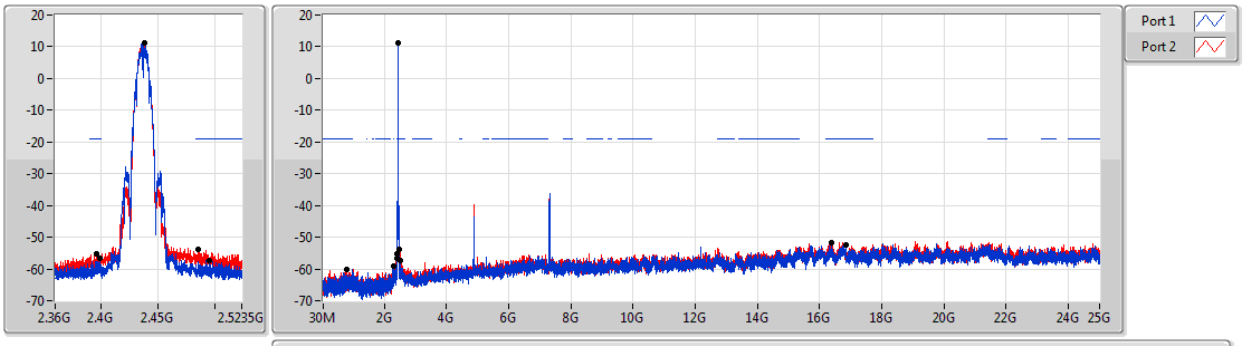


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438577G	11.08	-18.92	2.30175G	-60.73	2.39704G	-29.28	2.52062G	-58.48	7.235136G	-38.23	1
2.438577G	11.08	-18.92	2.300585G	-59.34	2.398G	-36.17	2.4991G	-55.80	7.232327G	-39.42	2

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

2437MHz

22/12/2017

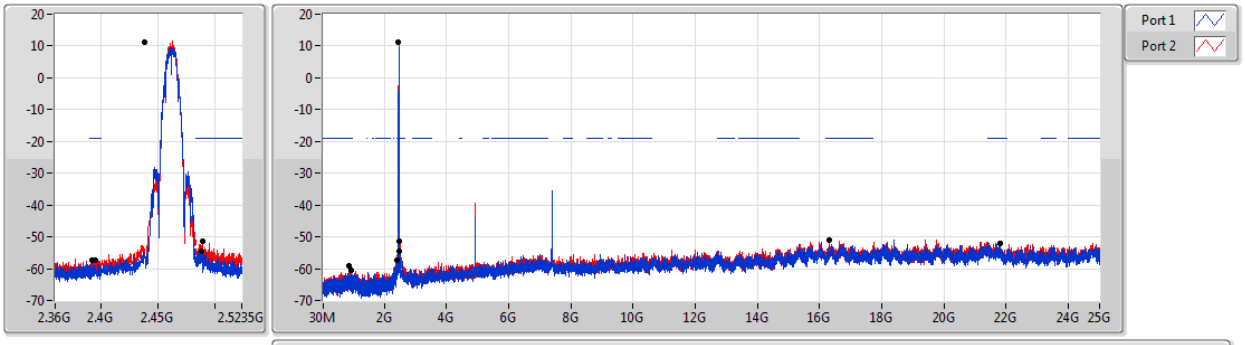


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438577G	11.08	-18.92	2.309905G	-59.27	2.39904G	-56.77	2.4955G	-57.43	16.84384G	-52.48	1
2.438577G	11.08	-18.92	788.415M	-60.28	2.39592G	-55.36	2.4851G	-53.76	16.391501G	-51.55	2

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

2462MHz

22/12/2017

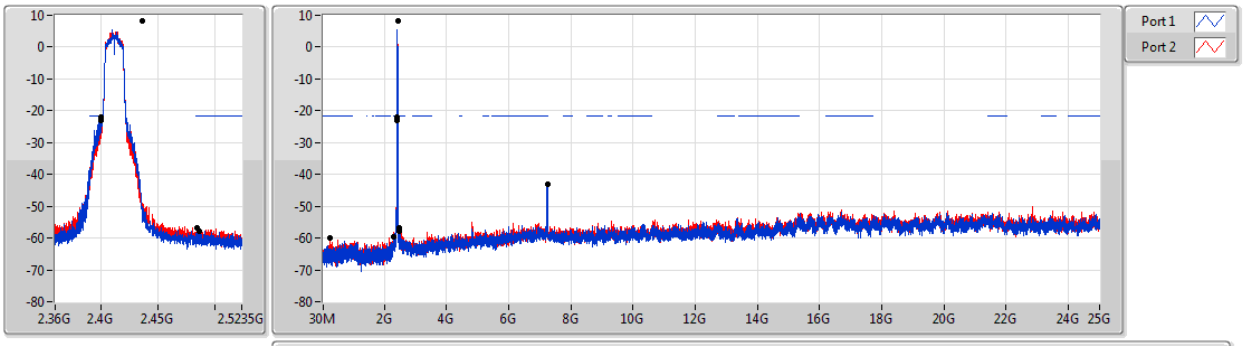


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438577G	11.08	-18.92	938.7M	-60.57	2.39208G	-57.43	2.4879G	-54.45	21.808337G	-52.22	1
2.438577G	11.08	-18.92	871.13M	-59.21	2.39568G	-57.25	2.48886G	-51.48	16.310023G	-51.07	2

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

2412MHz

22/12/2017

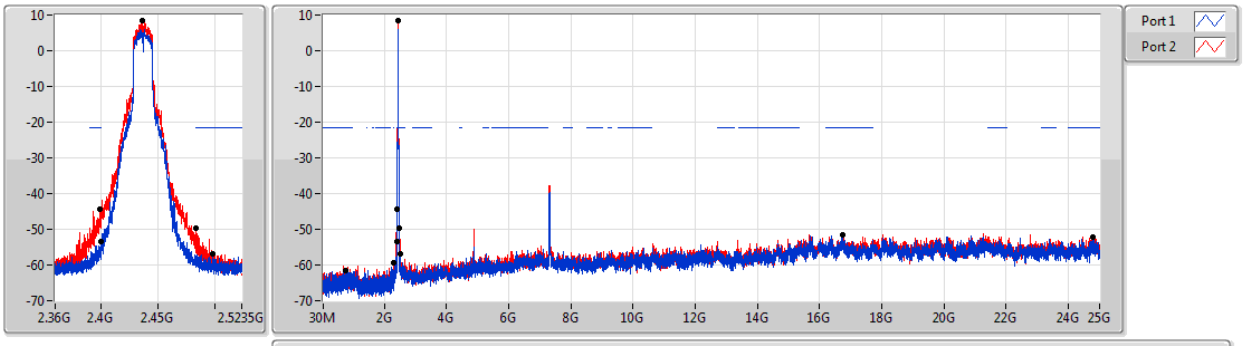


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.436406G	8.33	-21.67	2.300585G	-59.66	2.39992G	-22.15	2.48654G	-57.90	7.237946G	-43.07	1
2.436406G	8.33	-21.67	238.535M	-59.91	2.39992G	-23.21	2.48398G	-56.87	7.240755G	-43.13	2

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

2437MHz

22/12/2017

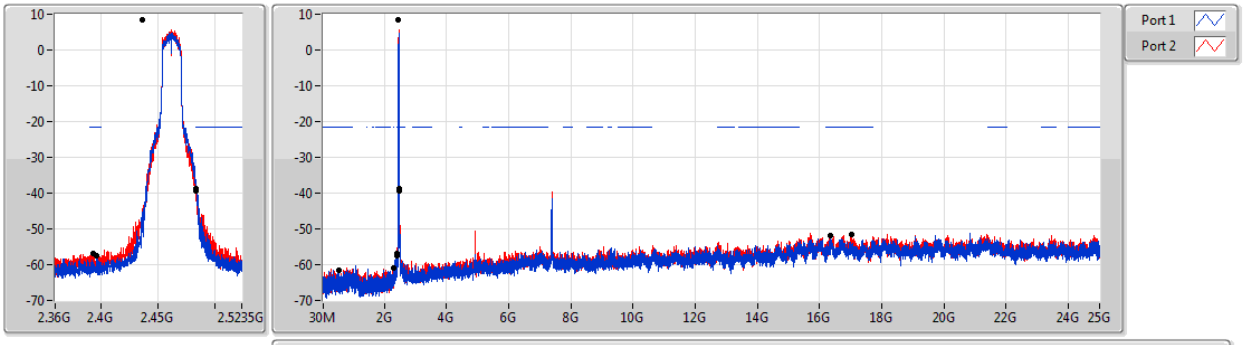


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.436406G	8.33	-21.67	756.96M	-61.50	2.39992G	-53.39	2.4979G	-56.86	16.723029G	-51.55	1
2.436406G	8.33	-21.67	2.300585G	-59.29	2.39952G	-44.44	2.48382G	-49.63	24.780854G	-52.04	2

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

2462MHz

22/12/2017

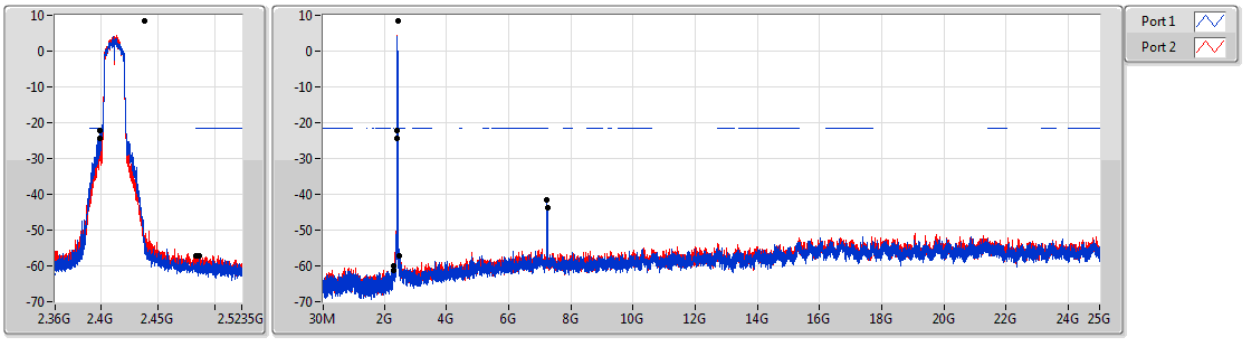


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.436406G	8.33	-21.67	537.94M	-61.50	2.39632G	-57.48	2.48374G	-38.82	16.326881G	-51.85	1
2.436406G	8.33	-21.67	2.30874G	-61.03	2.3936G	-56.75	2.48382G	-39.49	17.018033G	-51.54	2

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

2412MHz

22/12/2017

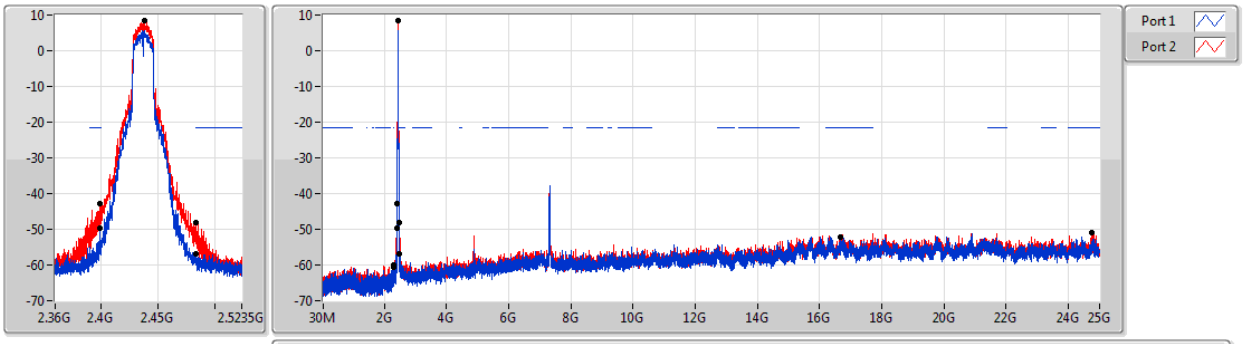


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438243G	8.56	-21.44	2.30175G	-61.26	2.39928G	-22.11	2.48654G	-57.29	7.232327G	-41.41	1
2.438243G	8.56	-21.44	2.305245G	-59.95	2.39952G	-24.44	2.48374G	-57.22	7.235136G	-43.64	2

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

2437MHz

22/12/2017

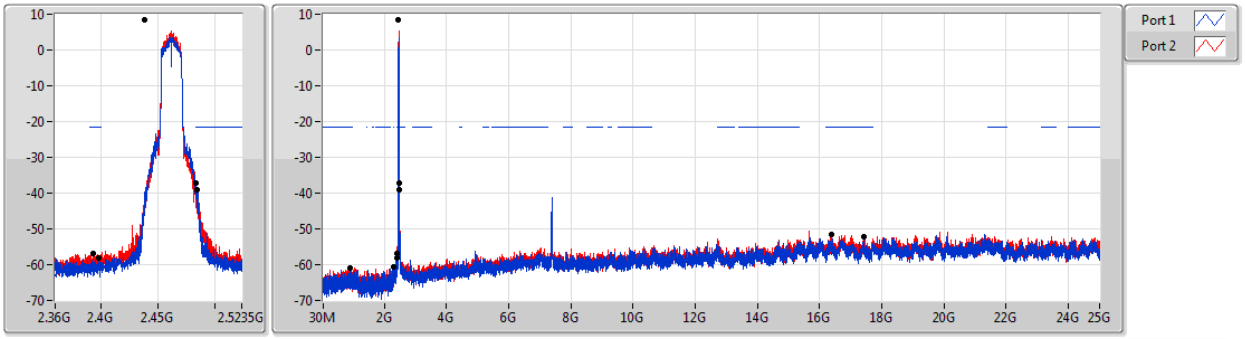


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438243G	8.56	-21.44	2.30175G	-60.56	2.39936G	-49.54	2.48374G	-57.00	16.647171G	-52.04	1
2.438243G	8.56	-21.44	2.307575G	-60.08	2.3996G	-42.67	2.48358G	-48.19	24.758378G	-50.88	2

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

2462MHz

22/12/2017

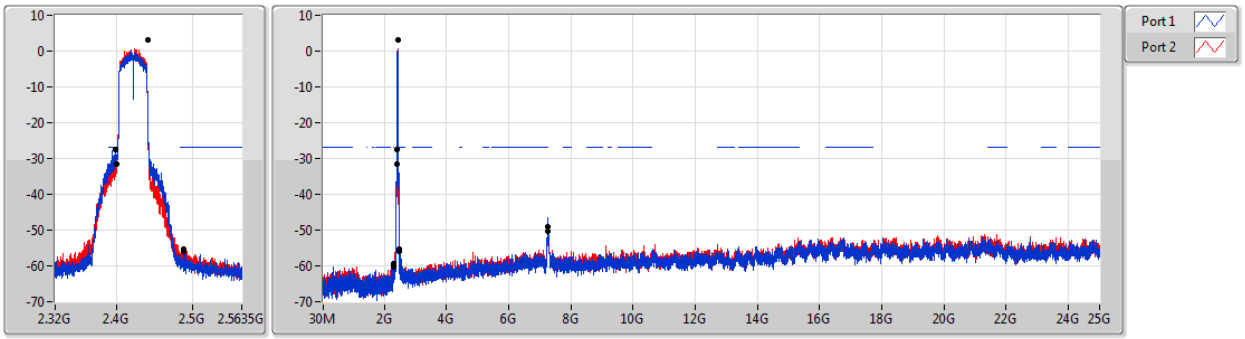


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438243G	8.56	-21.44	886.275M	-61.02	2.39848G	-58.10	2.48382G	-37.25	17.408562G	-52.13	1
2.438243G	8.56	-21.44	2.300585G	-60.63	2.39328G	-56.95	2.4847G	-38.94	16.391501G	-51.58	2

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

2422MHz

22/12/2017

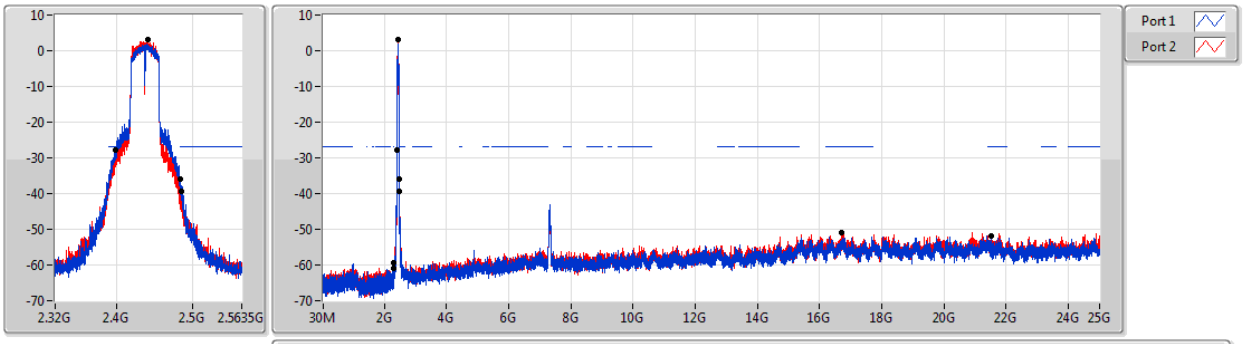


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.440748G	3.27	-26.73	2.309695G	-60.25	2.39808G	-27.60	2.48814G	-55.97	7.235901G	-50.24	1
2.440748G	3.27	-26.73	2.302825G	-59.26	2.39984G	-31.48	2.48814G	-55.29	7.249924G	-49.10	2

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

2437MHz

22/12/2017

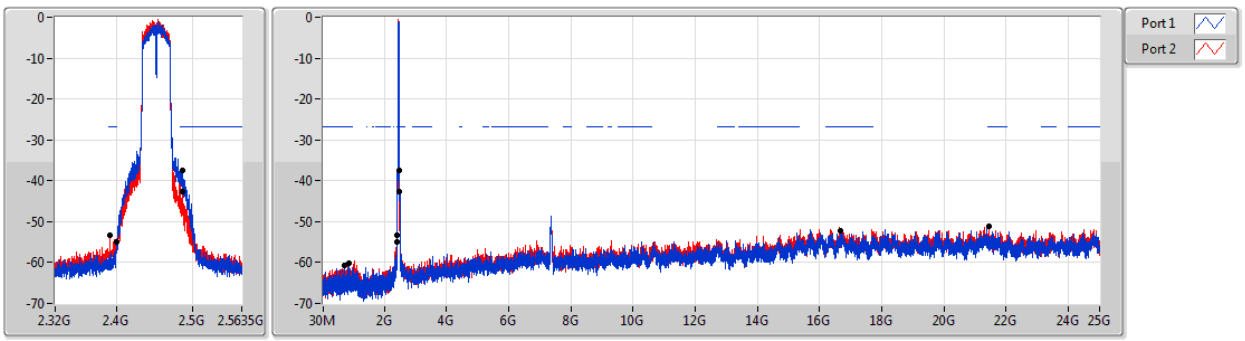


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.440748G	3.27	-26.73	2.30397G	-61.03	2.39872G	-27.73	2.48398G	-36.08	21.499906G	-51.75	1
2.440748G	3.27	-26.73	2.305115G	-59.27	2.39888G	-27.84	2.4851G	-39.43	16.698495G	-51.02	2

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

2452MHz

22/12/2017



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.440748G	3.27	-26.73	873.865M	-60.26	2.39984G	-55.01	2.48574G	-37.54	16.667645G	-52.24	1
2.440748G	3.27	-26.73	695.245M	-60.72	2.392G	-53.24	2.48558G	-42.56	21.435401G	-51.24	2

Test Mode: Mode 3. EUT with Set 3 antennas

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	2.460454G	11.10	-18.90	2.30874G	-61.46	2.39904G	-26.96	2.49958G	-58.47	7.235136G	-37.66	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.438243G	7.13	-22.87	2.30408G	-60.99	2.39984G	-23.11	2.48758G	-58.11	7.232327G	-41.86	1
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.434569G	7.09	-22.91	2.30408G	-61.05	2.39832G	-23.39	2.48678G	-58.74	7.237946G	-44.72	1
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.440748G	4.23	-25.77	2.307405G	-60.88	2.39952G	-25.95	2.4859G	-39.00	17.410854G	-52.52	1

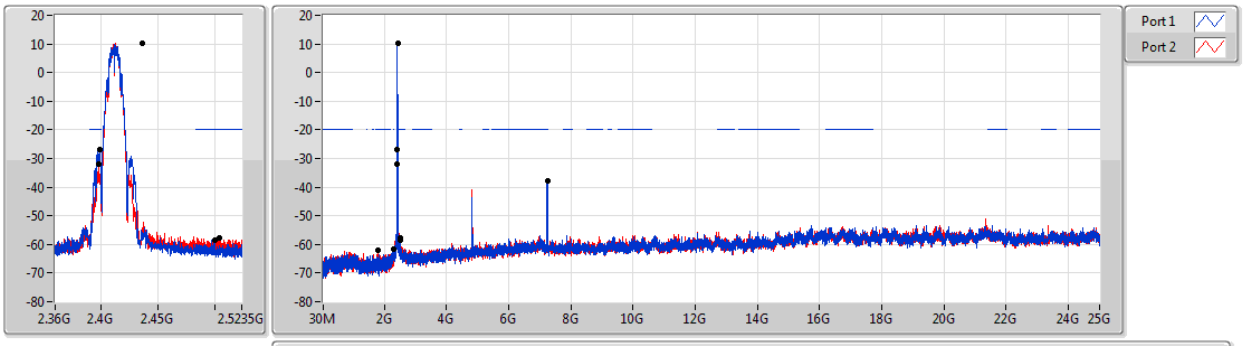
Result

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	2.460454G	11.10	-18.90	2.30874G	-61.46	2.39904G	-26.96	2.49958G	-58.47	7.235136G	-37.66	1
2412MHz	Pass	2.460454G	11.10	-18.90	1.80779G	-61.93	2.398G	-32.11	2.50406G	-57.77	7.235136G	-37.73	2
2437MHz	Pass	2.460454G	11.10	-18.90	2.307575G	-62.25	2.39288G	-58.36	2.49046G	-57.45	24.519565G	-53.43	1
2437MHz	Pass	2.460454G	11.10	-18.90	871.13M	-61.71	2.39496G	-57.71	2.48494G	-57.08	23.513741G	-53.50	2
2462MHz	Pass	2.460454G	11.10	-18.90	701.04M	-61.97	2.39936G	-60.61	2.48798G	-49.49	16.759553G	-53.90	1
2462MHz	Pass	2.460454G	11.10	-18.90	2.058265G	-61.51	2.39944G	-58.53	2.48742G	-46.58	23.530599G	-53.54	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.438243G	7.13	-22.87	2.30408G	-60.99	2.39984G	-23.11	2.48758G	-58.11	7.232327G	-41.86	1
2412MHz	Pass	2.438243G	7.13	-22.87	2.302915G	-61.97	2.39864G	-24.54	2.4875G	-58.97	7.235136G	-43.53	2
2437MHz	Pass	2.438243G	7.13	-22.87	2.307575G	-61.79	2.39896G	-53.79	2.50838G	-58.42	21.757765G	-53.49	1
2437MHz	Pass	2.438243G	7.13	-22.87	2.309905G	-62.06	2.3936G	-46.75	2.48382G	-50.97	15.335105G	-53.63	2
2462MHz	Pass	2.438243G	7.13	-22.87	787.25M	-62.78	2.39144G	-59.76	2.48382G	-36.01	16.669647G	-53.57	1
2462MHz	Pass	2.438243G	7.13	-22.87	525.125M	-62.58	2.39008G	-58.01	2.48382G	-36.31	17.062986G	-53.34	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.434569G	7.09	-22.91	2.30408G	-61.05	2.39832G	-23.39	2.48678G	-58.74	7.237946G	-44.72	1
2412MHz	Pass	2.434569G	7.09	-22.91	2.30408G	-61.34	2.39992G	-25.60	2.48902G	-58.59	7.232327G	-44.20	2
2437MHz	Pass	2.434569G	7.09	-22.91	2.309905G	-62.01	2.39792G	-54.48	2.48678G	-58.11	16.369024G	-53.32	1
2437MHz	Pass	2.434569G	7.09	-22.91	2.309905G	-61.50	2.39952G	-45.83	2.4863G	-49.42	21.592001G	-53.45	2
2462MHz	Pass	2.434569G	7.09	-22.91	831.52M	-62.00	2.3936G	-58.99	2.48358G	-38.41	21.566715G	-53.74	1
2462MHz	Pass	2.434569G	7.09	-22.91	734.825M	-61.80	2.39736G	-58.09	2.48414G	-38.90	21.409379G	-53.64	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.440748G	4.23	-25.77	2.302825G	-61.18	2.39968G	-25.99	2.48462G	-53.07	7.249924G	-50.69	1
2422MHz	Pass	2.440748G	4.23	-25.77	2.30397G	-59.51	2.39296G	-26.74	2.48926G	-52.34	7.249924G	-48.66	2
2437MHz	Pass	2.440748G	4.23	-25.77	2.307405G	-60.88	2.39952G	-25.95	2.4859G	-39.00	17.410854G	-52.52	1
2437MHz	Pass	2.440748G	4.23	-25.77	2.302825G	-61.33	2.39936G	-29.43	2.49326G	-42.90	16.339511G	-52.19	2
2452MHz	Pass	2.440748G	4.23	-25.77	1.77727G	-61.72	2.39792G	-50.28	2.48574G	-34.19	16.754586G	-53.01	1
2452MHz	Pass	2.440748G	4.23	-25.77	2.30626G	-62.37	2.39744G	-52.90	2.48398G	-41.18	16.740563G	-53.43	2

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

2412MHz

02/02/2018

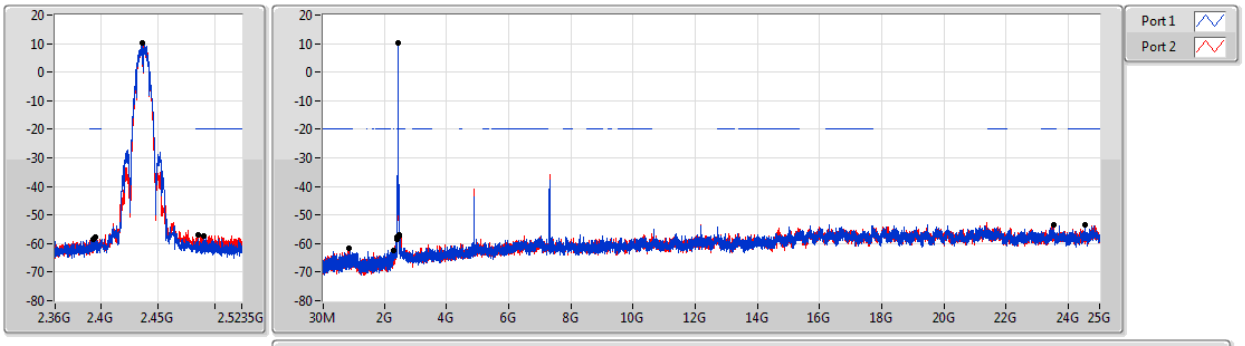


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.460454G	11.10	-18.90	2.30874G	-61.46	2.39904G	-26.96	2.49958G	-58.47	7.235136G	-37.66	1
2.460454G	11.10	-18.90	1.80779G	-61.93	2.398G	-32.11	2.50406G	-57.77	7.235136G	-37.73	2

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

2437MHz

01/02/2018

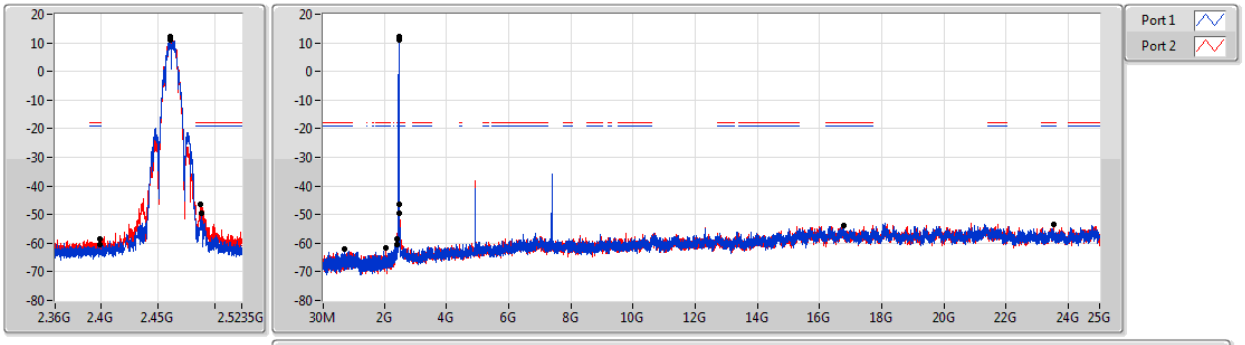


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.460454G	11.10	-18.90	2.307575G	-62.25	2.39288G	-58.36	2.49046G	-57.45	24.519565G	-53.43	1
2.460454G	11.10	-18.90	871.13M	-61.71	2.39496G	-57.71	2.48494G	-57.08	23.513741G	-53.50	2

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

2462MHz

02/02/2018

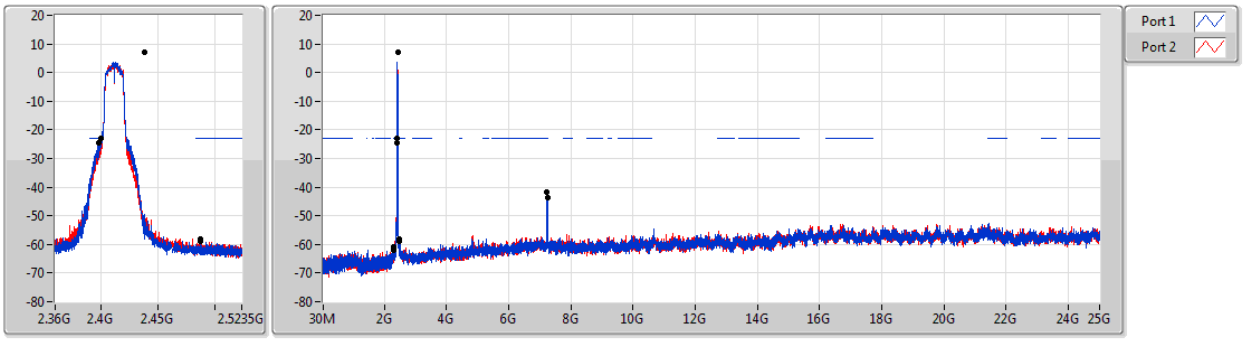


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.460454G	11.10	-18.90	701.04M	-61.97	2.39936G	-60.61	2.48798G	-49.49	16.759553G	-53.90	1
2.460454G	11.10	-18.90	2.058265G	-61.51	2.39944G	-58.53	2.48742G	-46.58	23.530599G	-53.54	2

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

2412MHz

02/02/2018

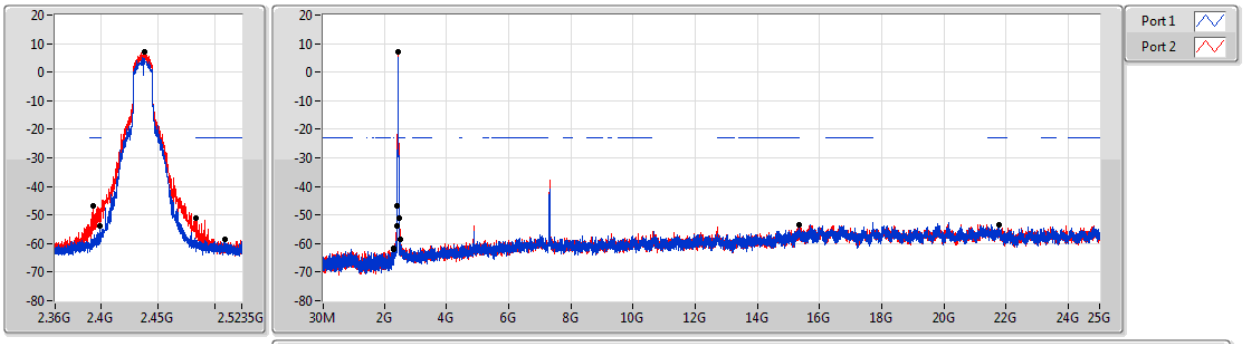


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438243G	7.13	-22.87	2.30408G	-60.99	2.39984G	-23.11	2.48758G	-58.11	7.232327G	-41.86	1
2.438243G	7.13	-22.87	2.302915G	-61.97	2.39864G	-24.54	2.4875G	-58.97	7.235136G	-43.53	2

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

2437MHz

02/02/2018

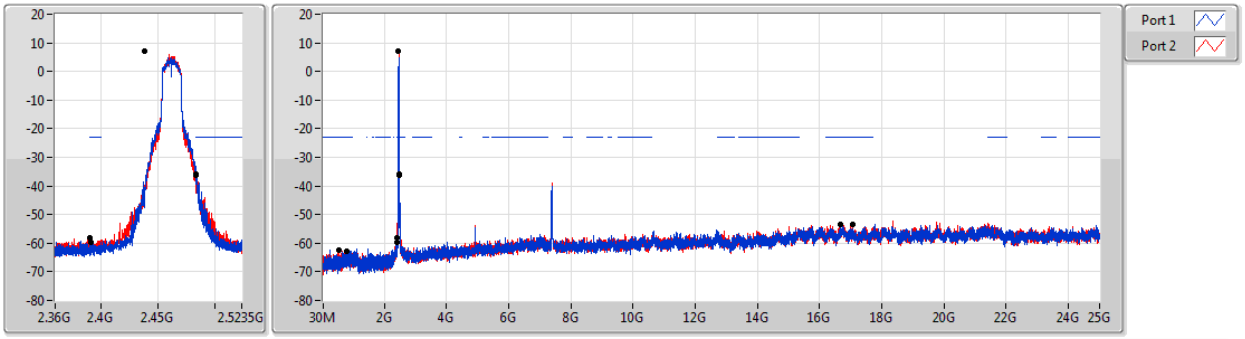


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438243G	7.13	-22.87	2.307575G	-61.79	2.39896G	-53.79	2.50838G	-58.42	21.757765G	-53.49	1
2.438243G	7.13	-22.87	2.309905G	-62.06	2.3936G	-46.75	2.48382G	-50.97	15.335105G	-53.63	2

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

2462MHz

02/02/2018

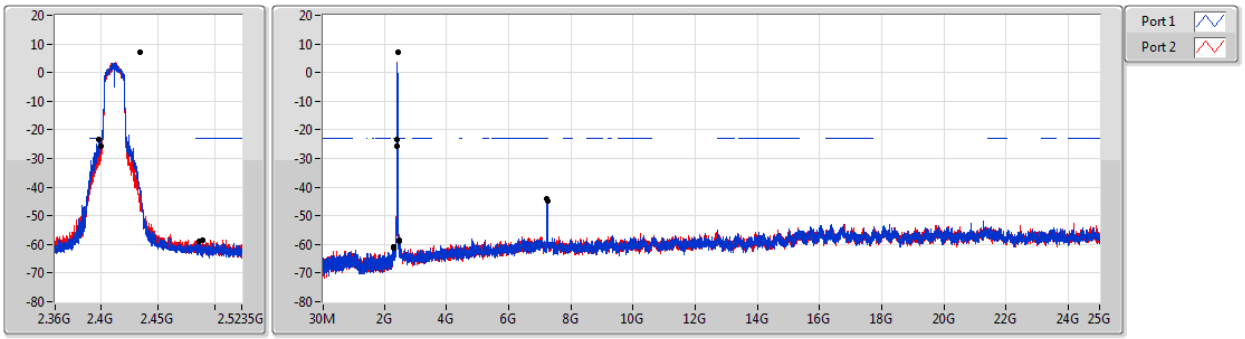


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438243G	7.13	-22.87	787.25M	-62.78	2.39144G	-59.76	2.48382G	-36.01	16.669647G	-53.57	1
2.438243G	7.13	-22.87	525.125M	-62.58	2.39008G	-58.01	2.48382G	-36.31	17.062986G	-53.34	2

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

2412MHz

02/02/2018

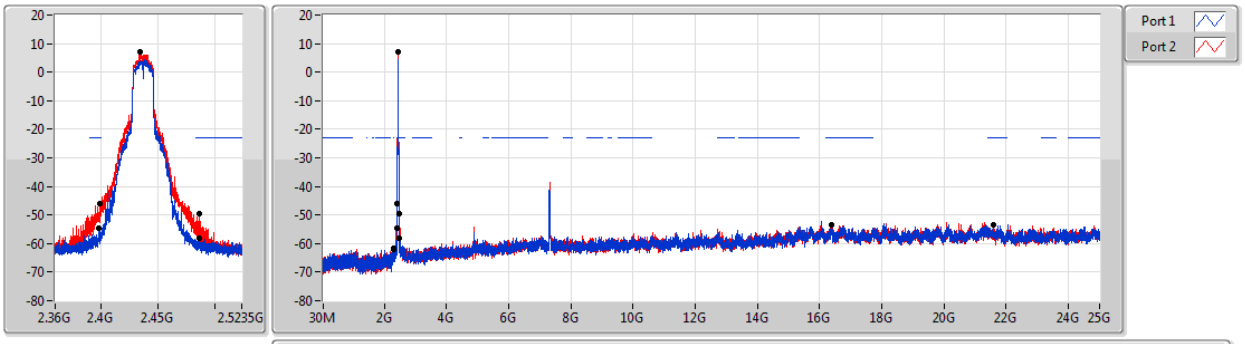


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.434569G	7.09	-22.91	2.30408G	-61.05	2.39832G	-23.39	2.48678G	-58.74	7.237946G	-44.72	1
2.434569G	7.09	-22.91	2.30408G	-61.34	2.39992G	-25.60	2.48902G	-58.59	7.232327G	-44.20	2

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

2437MHz

02/02/2018

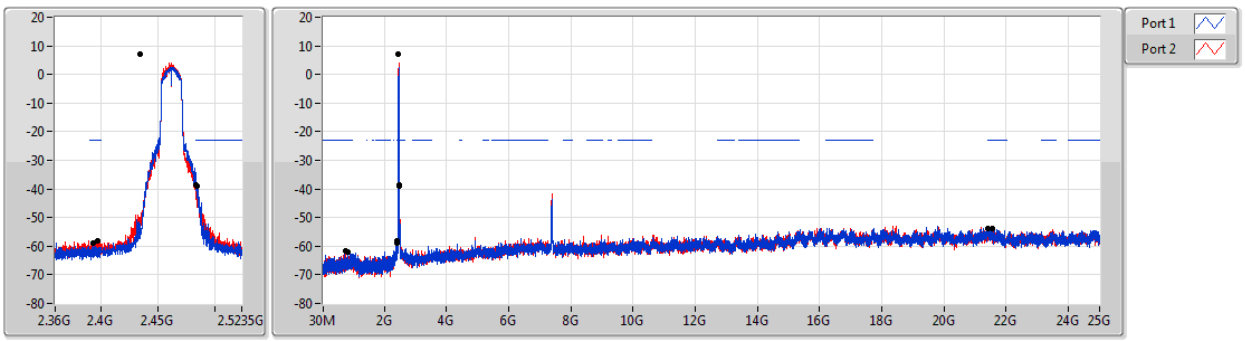


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.434569G	7.09	-22.91	2.309905G	-62.01	2.39792G	-54.48	2.48678G	-58.11	16.369024G	-53.32	1
2.434569G	7.09	-22.91	2.309905G	-61.50	2.39952G	-45.83	2.4863G	-49.42	21.592001G	-53.45	2

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

2462MHz

02/02/2018

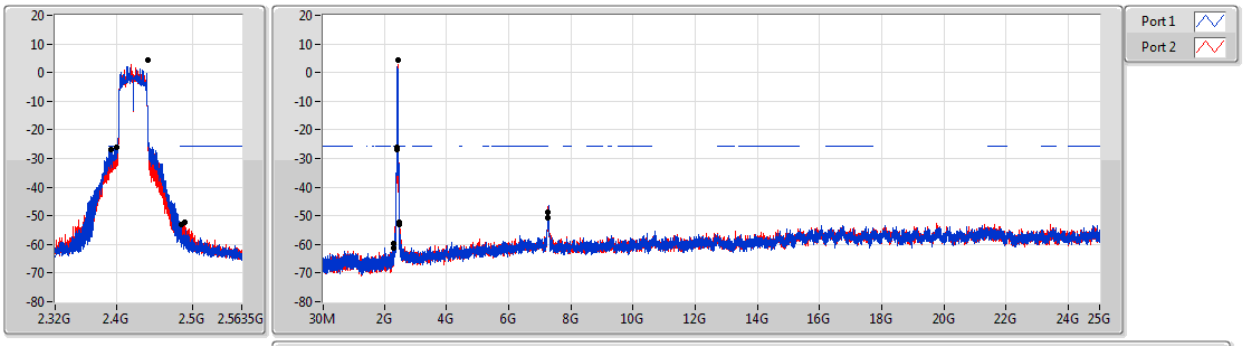


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.434569G	7.09	-22.91	831.52M	-62.00	2.3936G	-58.99	2.48358G	-38.41	21.566715G	-53.74	1
2.434569G	7.09	-22.91	734.825M	-61.80	2.39736G	-58.09	2.48414G	-38.90	21.409379G	-53.64	2

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

2422MHz

02/02/2018

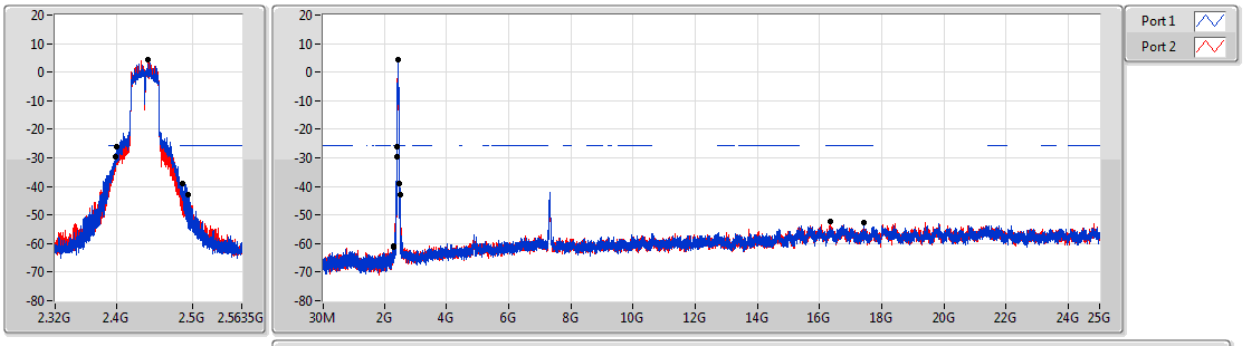


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.440748G	4.23	-25.77	2.302825G	-61.18	2.39968G	-25.99	2.48462G	-53.07	7.249924G	-50.69	1
2.440748G	4.23	-25.77	2.30397G	-59.51	2.39296G	-26.74	2.48926G	-52.34	7.249924G	-48.66	2

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

2437MHz

02/02/2018

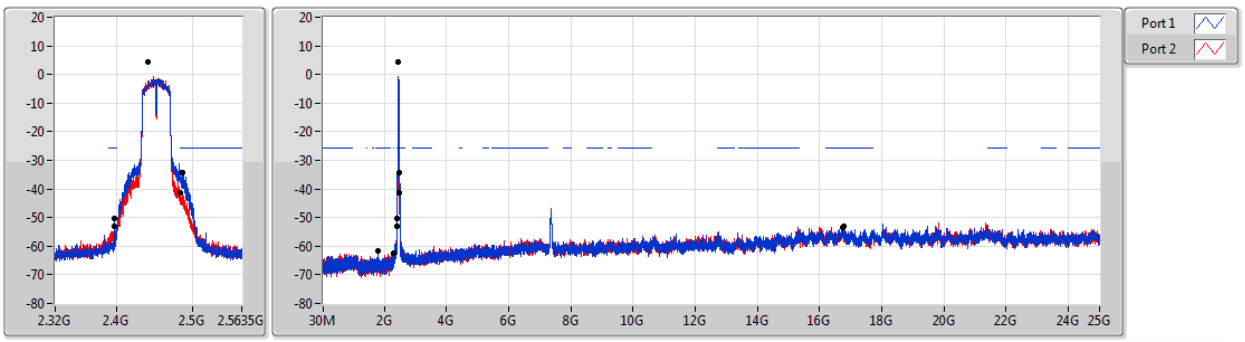


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.440748G	4.23	-25.77	2.307405G	-60.88	2.39952G	-25.95	2.4859G	-39.00	17.410854G	-52.52	1
2.440748G	4.23	-25.77	2.302825G	-61.33	2.39936G	-29.43	2.49326G	-42.90	16.339511G	-52.19	2

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

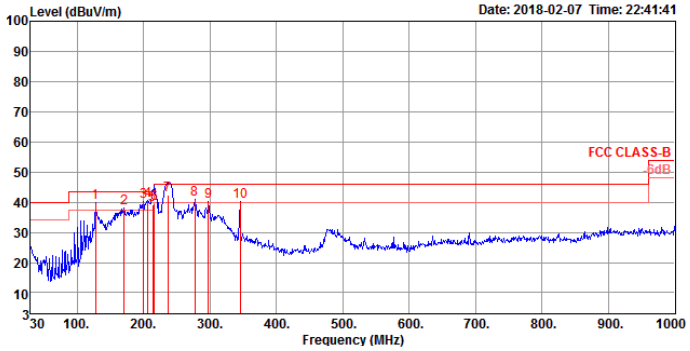
2452MHz

02/02/2018



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.440748G	4.23	-25.77	1.77727G	-61.72	2.39792G	-50.28	2.48574G	-34.19	16.754586G	-53.01	1
2.440748G	4.23	-25.77	2.30626G	-62.37	2.39744G	-52.90	2.48398G	-41.18	16.740563G	-53.43	2

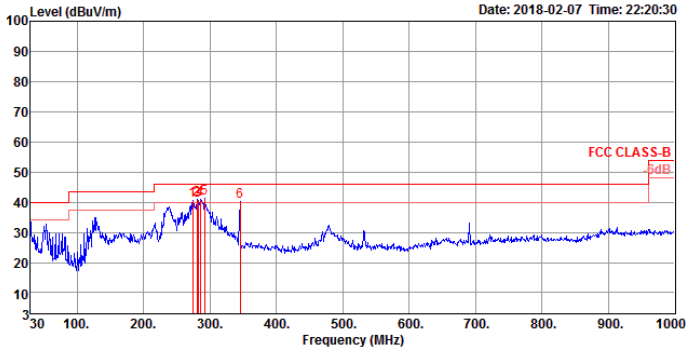
RSE below 1GHz Result			
Operating Mode	1	**Polarization**	Horizontal
Operating Function	CTX		



	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	127.97	39.81	43.50	-3.69	52.48	1.15	18.53	32.35	100	97	Peak	HORIZONTAL
2	170.65	38.24	43.50	-5.26	53.32	1.27	15.98	32.33	150	173	Peak	HORIZONTAL
3	199.75	40.05	43.50	-3.45	54.11	1.95	16.30	32.31	100	175	Peak	HORIZONTAL
4	206.54	40.47	43.50	-3.03	54.41	2.01	16.36	32.31	150	3	Peak	HORIZONTAL
5	214.30	39.28	43.50	-4.22	53.10	2.08	16.40	32.30	195	359	QP	HORIZONTAL
6	216.24	39.40	46.00	-6.60	53.20	2.10	16.40	32.30	156	13	QP	HORIZONTAL
7	236.61	42.48	46.00	-3.52	54.80	2.27	17.70	32.29	146	33	QP	HORIZONTAL
8	277.35	41.06	46.00	-4.94	51.52	2.52	19.30	32.28	150	248	Peak	HORIZONTAL
9	297.72	40.21	46.00	-5.79	50.22	2.62	19.64	32.27	100	137	Peak	HORIZONTAL
10	345.25	40.21	46.00	-5.79	50.04	1.48	20.97	32.28	100	360	Peak	HORIZONTAL

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

RSE below 1GHz Result			
Operating Mode	1	**Polarization**	Vertical
Operating Function	CTX		



	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	274.44	40.56	46.00	-5.44	51.03	2.51	19.30	32.28	200	358	Peak	VERTICAL
2	280.26	40.95	46.00	-5.05	51.40	2.53	19.30	32.28	150	148	Peak	VERTICAL
3	282.20	40.47	46.00	-5.53	50.87	2.54	19.34	32.28	150	359	Peak	VERTICAL
4	285.11	40.98	46.00	-5.02	51.29	2.56	19.40	32.27	200	4	Peak	VERTICAL
5	291.90	41.38	46.00	-4.62	51.52	2.59	19.54	32.27	200	0	Peak	VERTICAL
6	345.25	40.09	46.00	-5.91	49.92	1.48	20.97	32.28	150	359	Peak	VERTICAL

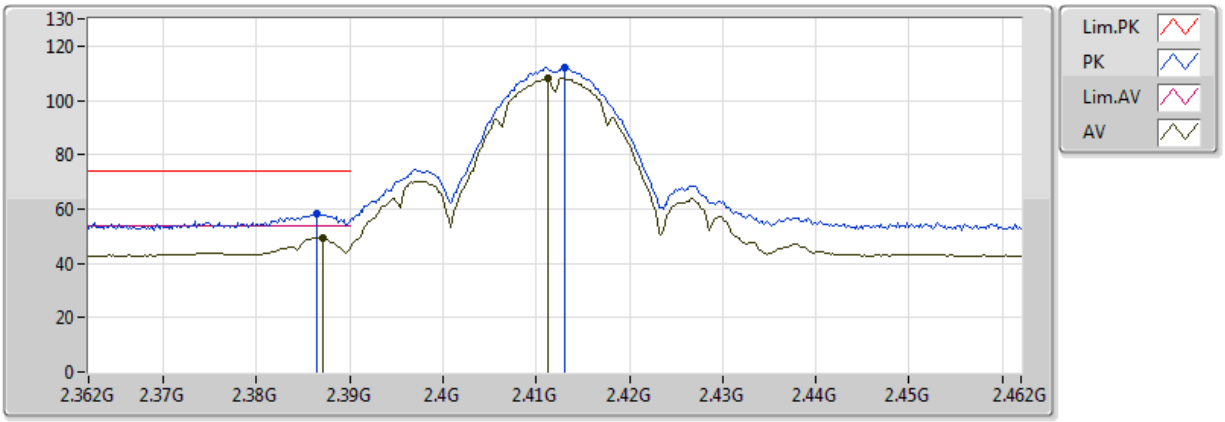
Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

Test Mode: Mode 1. EUT with Set 1 antennas
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	3.23	3	Vertical	195	1.50	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

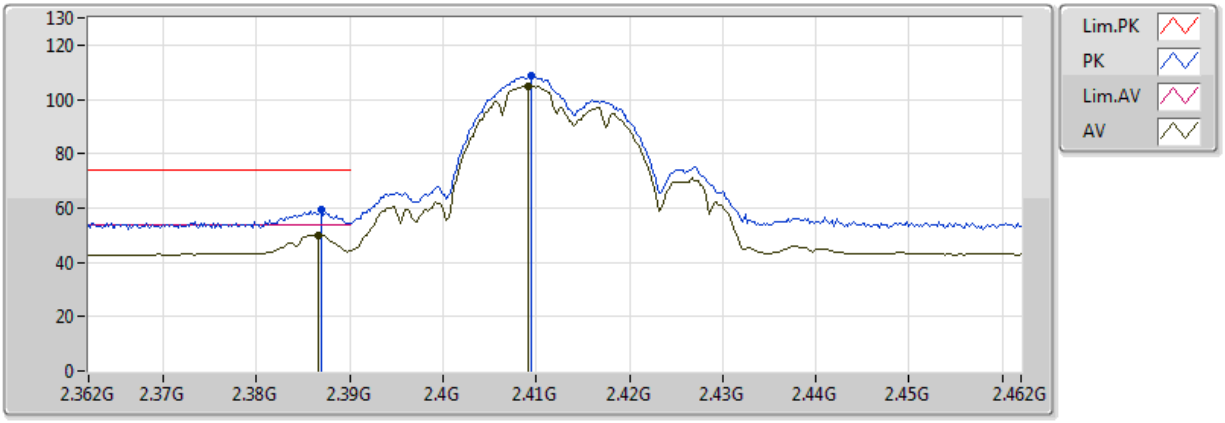


20171020
EUT X_2TX
Setting 1B
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3872G	49.34	54.00	-4.66	30.96	3	Vertical	133	1.50
AV	2.4112G	108.08	Inf	-Inf	30.93	3	Vertical	133	1.50
PK	2.3864G	58.12	74.00	-15.88	30.96	3	Vertical	133	1.50
PK	2.413G	112.13	Inf	-Inf	30.93	3	Vertical	133	1.50

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

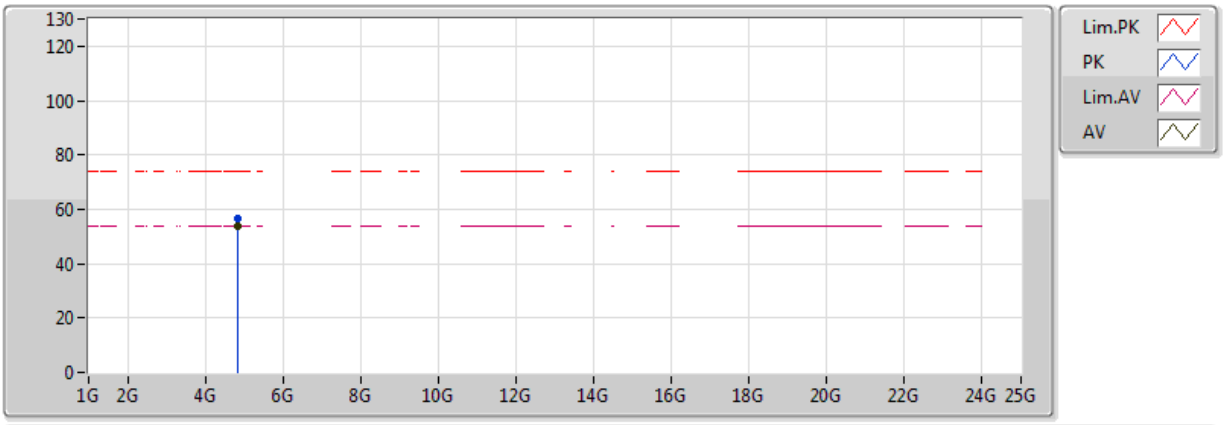


20171020
EUT X_2TX
Setting 1B
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3866G	49.98	54.00	-4.02	30.96	3	Horizontal	114	1.81
AV	2.4092G	104.83	Inf	-Inf	30.93	3	Horizontal	114	1.81
PK	2.387G	59.19	74.00	-14.81	30.96	3	Horizontal	114	1.81
PK	2.4094G	108.67	Inf	-Inf	30.93	3	Horizontal	114	1.81

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

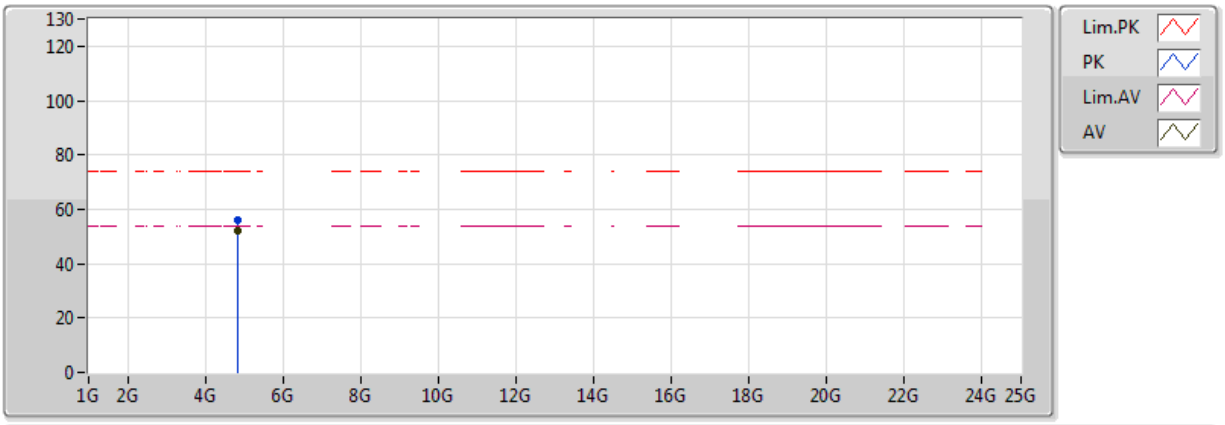


20171020
EUT X_2TX
Setting 1B
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.82396G	53.97	54.00	-0.03	3.23	3	Vertical	195	1.50
PK	4.824G	56.75	74.00	-17.25	3.23	3	Vertical	195	1.50

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

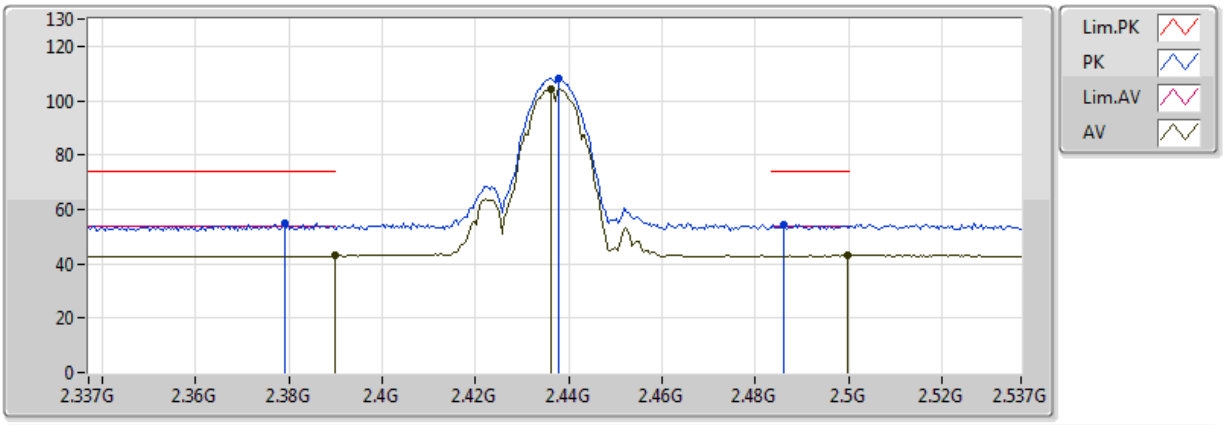


20171020
EUT X_2TX
Setting 1B
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.82396G	52.10	54.00	-1.90	3.23	3	Horizontal	105	1.50
PK	4.82408G	56.23	74.00	-17.77	3.23	3	Horizontal	105	1.50

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

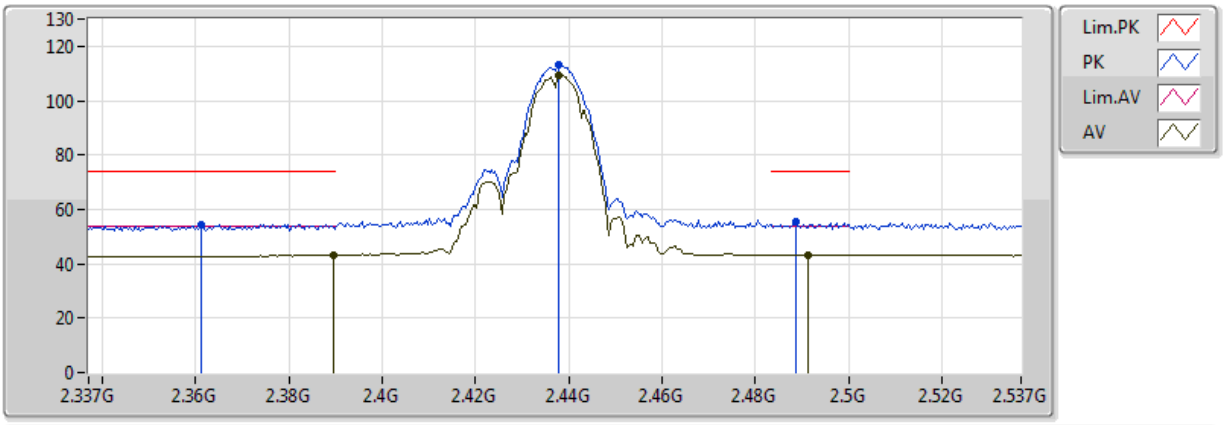


20171020
EUT X_2TX
Setting 1C
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3898G	42.87	54.00	-11.13	30.95	3	Vertical	212	1.01
AV	2.4362G	104.47	Inf	-Inf	30.91	3	Vertical	212	1.01
AV	2.4998G	42.97	54.00	-11.03	30.85	3	Vertical	212	1.01
PK	2.379G	54.89	74.00	-19.11	30.97	3	Vertical	212	1.01
PK	2.4378G	108.29	Inf	-Inf	30.91	3	Vertical	212	1.01
PK	2.4862G	54.60	74.00	-19.40	30.86	3	Vertical	212	1.01

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

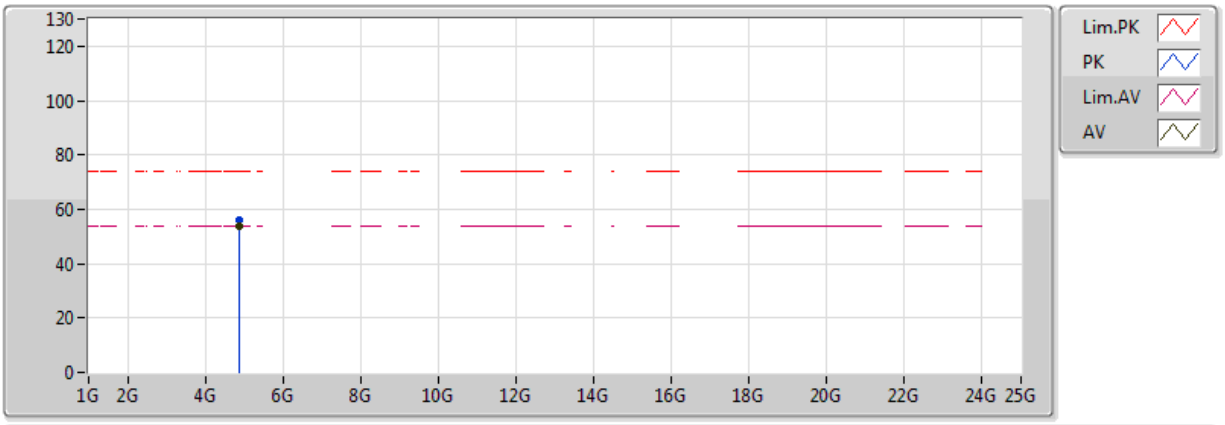


20171020
EUT X_2TX
Setting 1C
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3894G	43.11	54.00	-10.89	30.95	3	Horizontal	110	1.77
AV	2.4378G	109.27	Inf	-Inf	30.91	3	Horizontal	110	1.77
AV	2.4914G	43.22	54.00	-10.78	30.86	3	Horizontal	110	1.77
PK	2.361G	54.57	74.00	-19.43	30.99	3	Horizontal	110	1.77
PK	2.4378G	113.32	Inf	-Inf	30.91	3	Horizontal	110	1.77
PK	2.4886G	55.51	74.00	-18.49	30.86	3	Horizontal	110	1.77

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

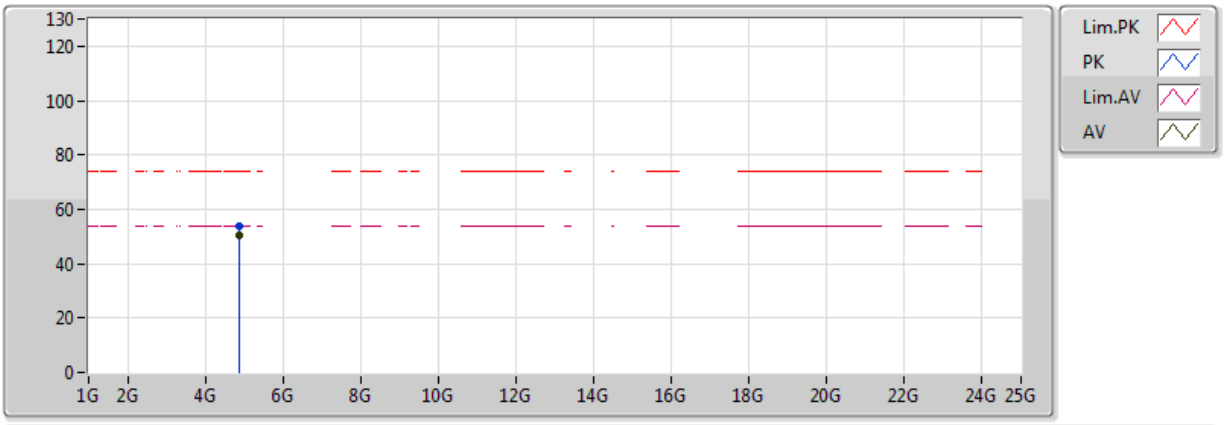


20171020
EUT X_2TX
Setting 1C
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.87396G	53.76	54.00	-0.24	3.39	3	Vertical	187	1.72
PK	4.87396G	56.20	74.00	-17.80	3.39	3	Vertical	187	1.72

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

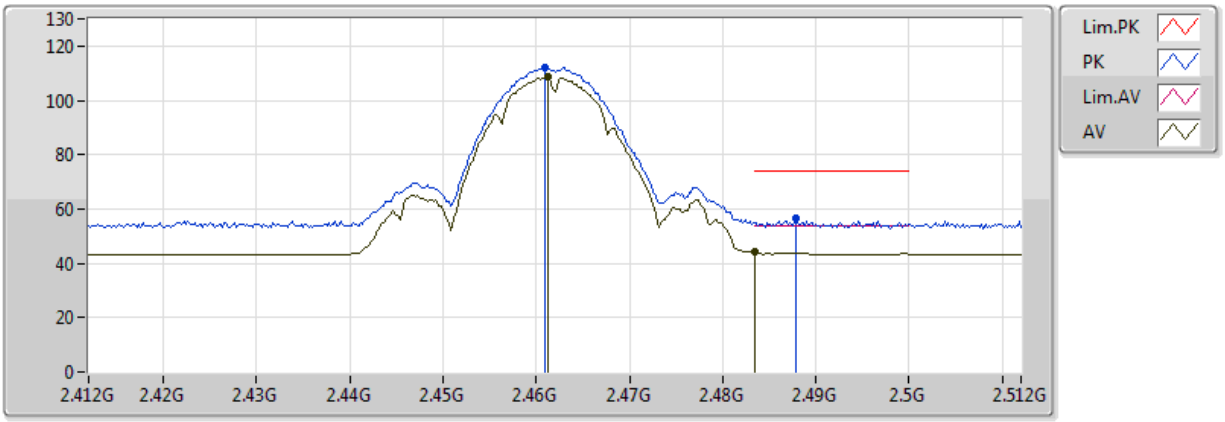


20171020
EUT X_2TX
Setting 1C
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.87396G	50.57	54.00	-3.43	3.39	3	Horizontal	1	1.23
PK	4.87388G	53.60	74.00	-20.40	3.39	3	Horizontal	1	1.23

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

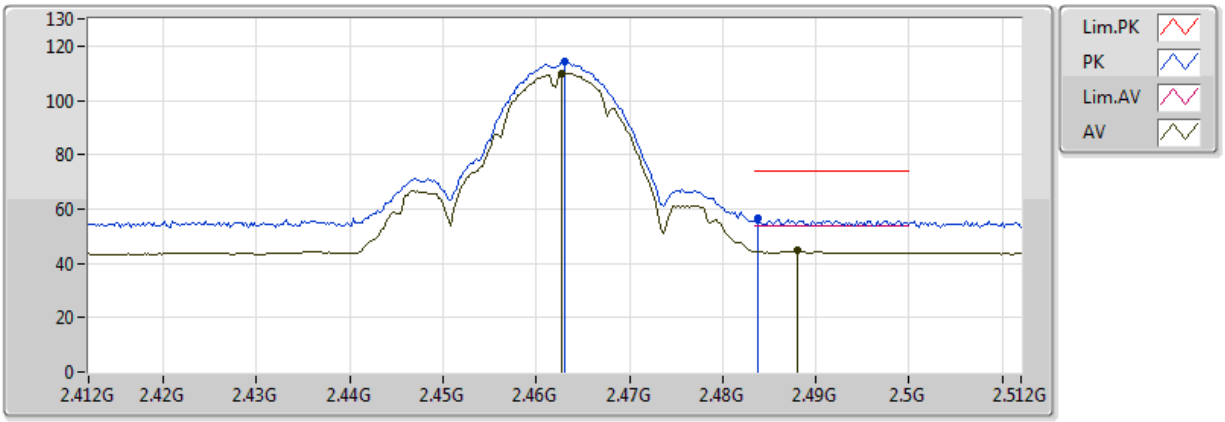


20171020
EUT X_2TX
Setting 20
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4612G	108.46	Inf	-Inf	30.88	3	Vertical	87	2.73
AV	2.483502G	43.99	54.00	-10.01	30.86	3	Vertical	87	2.73
PK	2.461G	112.24	Inf	-Inf	30.89	3	Vertical	87	2.73
PK	2.4878G	56.59	74.00	-17.41	30.86	3	Vertical	87	2.73

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

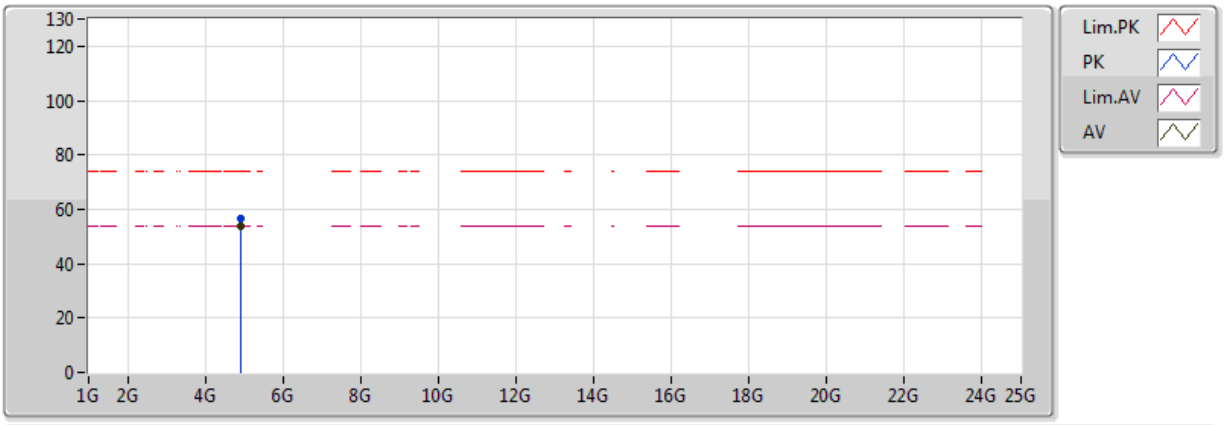


20171020
EUT X_2TX
Setting 20
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4628G	110.04	Inf	-Inf	30.88	3	Horizontal	111	1.68
AV	2.488G	44.61	54.00	-9.39	30.86	3	Horizontal	111	1.68
PK	2.463G	114.10	Inf	-Inf	30.88	3	Horizontal	111	1.68
PK	2.4838G	56.52	74.00	-17.48	30.86	3	Horizontal	111	1.68

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

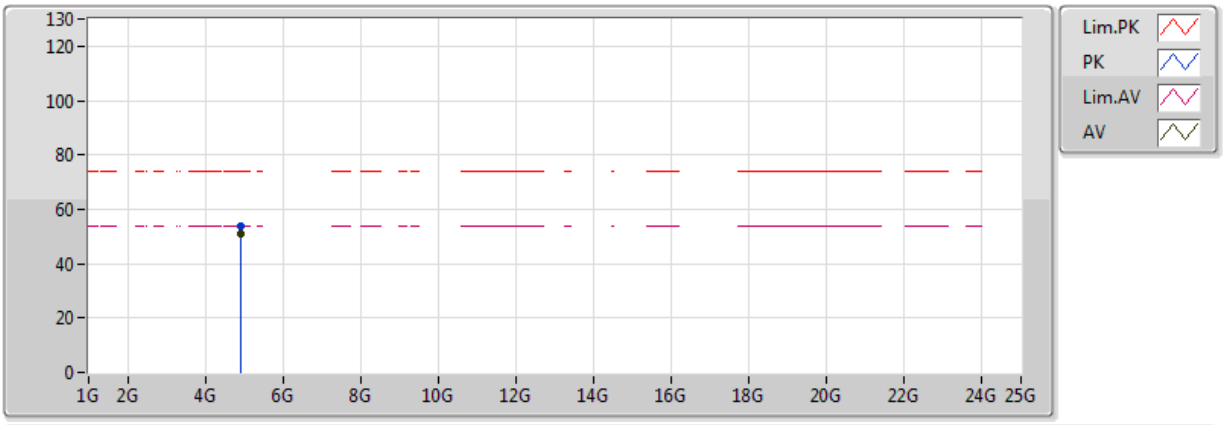


20171020
EUT X_2TX
Setting 20
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.92396G	53.66	54.00	-0.34	3.55	3	Vertical	185	1.79
PK	4.92384G	56.45	74.00	-17.55	3.55	3	Vertical	185	1.79

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

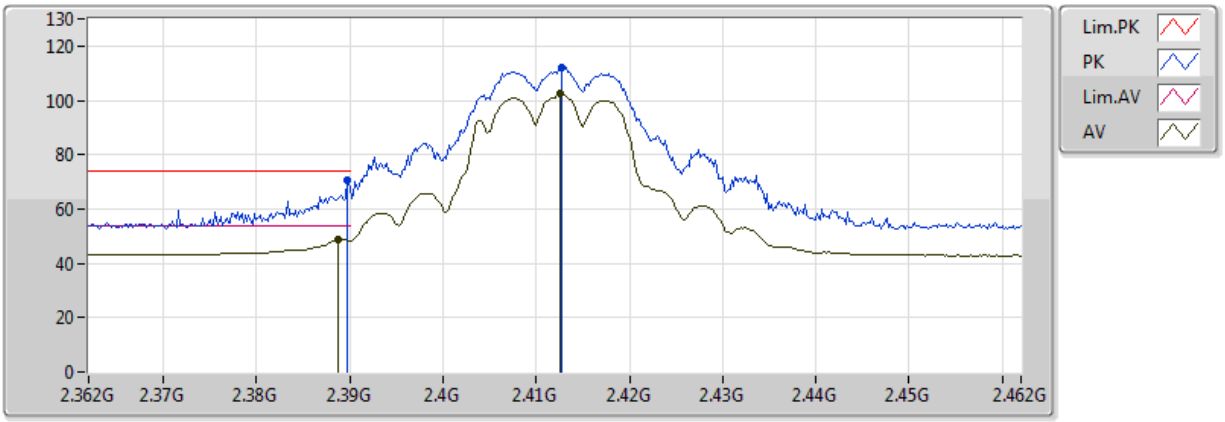


20171020
EUT X_2TX
Setting 20
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.92396G	50.76	54.00	-3.24	3.55	3	Horizontal	355	1.50
PK	4.924G	53.89	74.00	-20.11	3.55	3	Horizontal	355	1.50

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

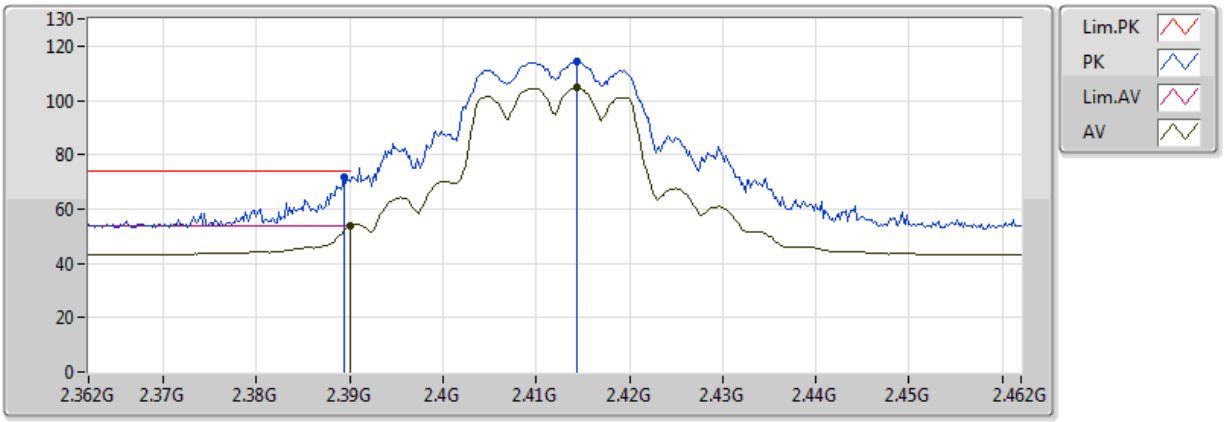


20171020
EUT X_2TX
Setting 1F
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3888G	48.73	54.00	-5.27	30.95	3	Vertical	134	1.90
AV	2.4126G	102.34	Inf	-Inf	30.93	3	Vertical	134	1.90
PK	2.3898G	70.78	74.00	-3.22	30.95	3	Vertical	134	1.90
PK	2.4128G	111.90	Inf	-Inf	30.93	3	Vertical	134	1.90

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

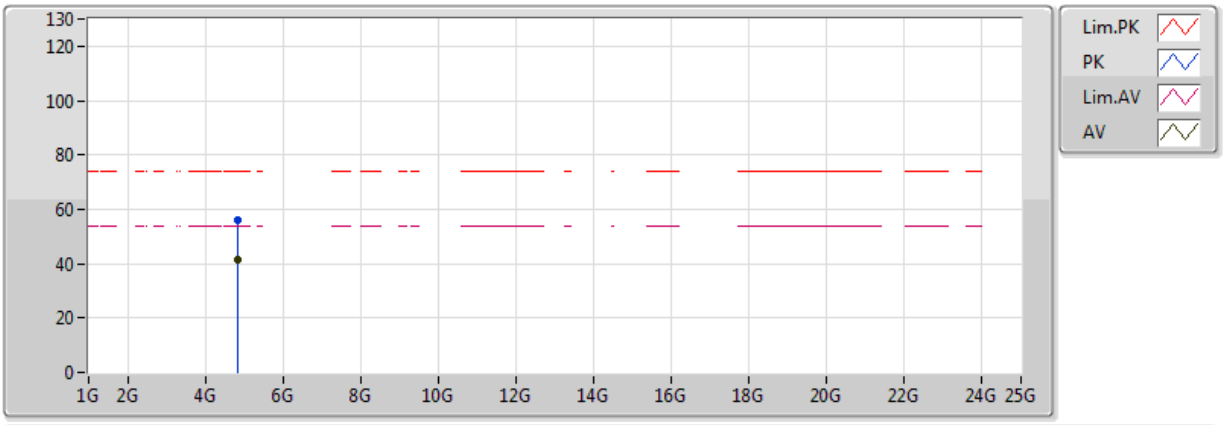


20171020
EUT X_2TX
Setting 1F
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	53.75	54.00	-0.25	30.95	3	Horizontal	111	1.90
AV	2.4144G	104.53	Inf	-Inf	30.93	3	Horizontal	111	1.90
PK	2.3894G	71.49	74.00	-2.51	30.95	3	Horizontal	111	1.90
PK	2.4144G	114.59	Inf	-Inf	30.93	3	Horizontal	111	1.90

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

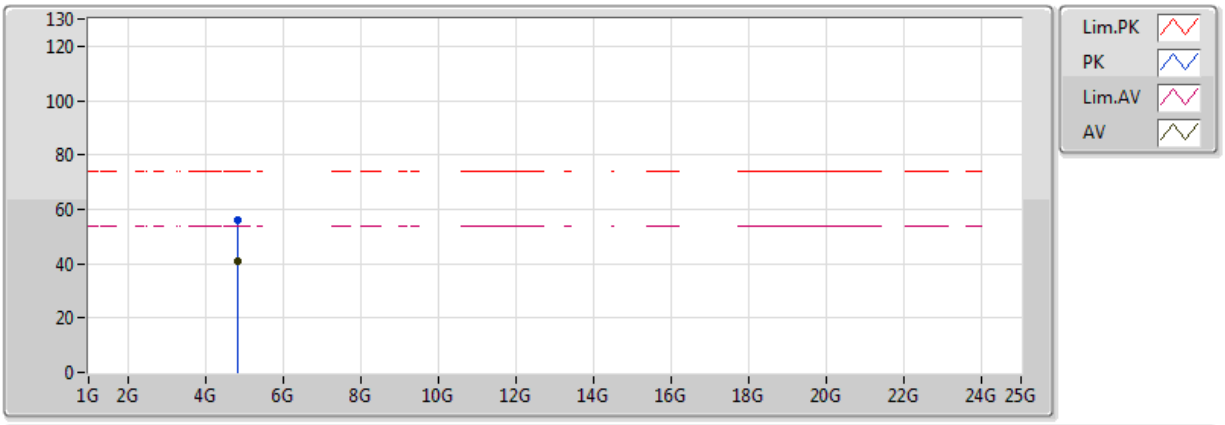


20171020
EUT X_2TX
Setting 1F
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.8254G	41.55	54.00	-12.45	3.23	3	Vertical	192	1.63
PK	4.82032G	56.00	74.00	-18.00	3.22	3	Vertical	192	1.63

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

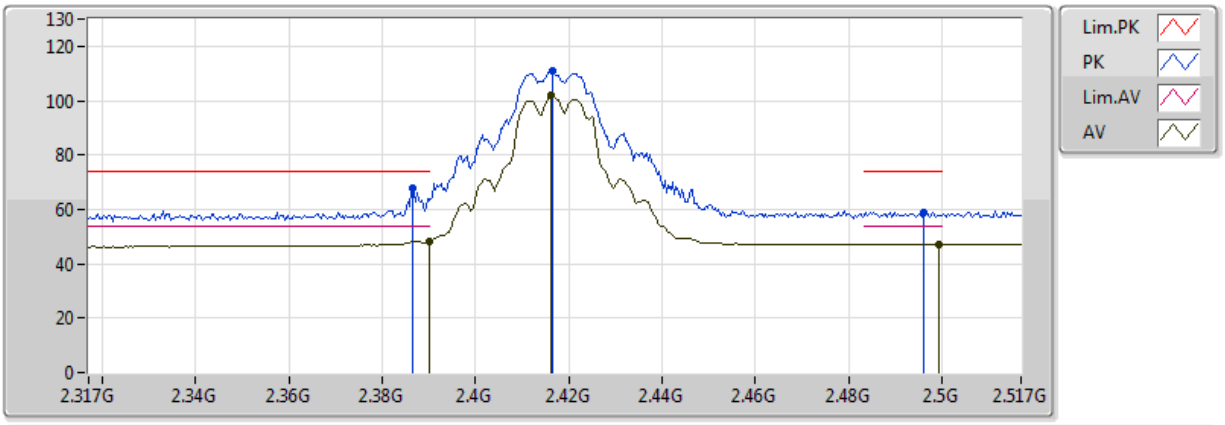


20171020
EUT X_2TX
Setting 1F
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.82372G	41.16	54.00	-12.84	3.23	3	Horizontal	1	1.50
PK	4.82844G	56.07	74.00	-17.93	3.24	3	Horizontal	1	1.50

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

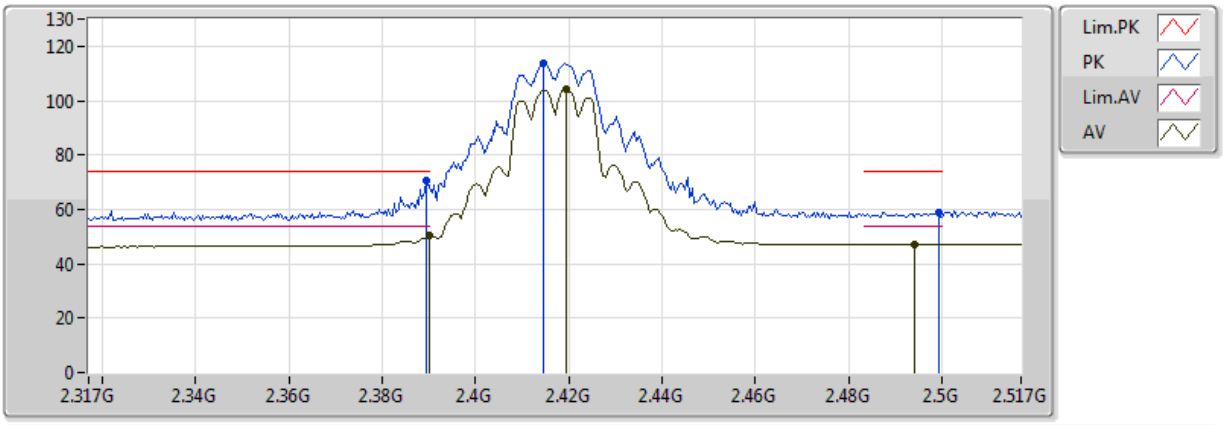


20171214
EUT X_2TX
Setting 29
02-B-2
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	48.19	54.00	-5.81	32.14	3	Vertical	222	2.08
AV	2.4162G	101.78	Inf	-Inf	32.22	3	Vertical	222	2.08
AV	2.4994G	47.20	54.00	-6.80	32.50	3	Vertical	222	2.08
PK	2.3866G	68.04	74.00	-5.96	32.13	3	Vertical	222	2.08
PK	2.4166G	111.19	Inf	-Inf	32.22	3	Vertical	222	2.08
PK	2.4962G	58.99	74.00	-15.01	32.49	3	Vertical	222	2.08

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

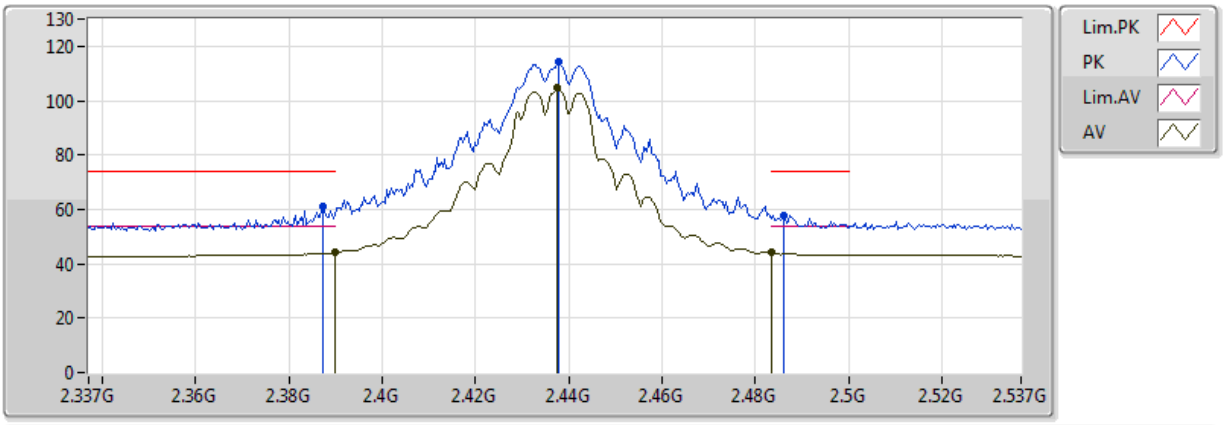


20171214
EUT X_2TX
Setting 29
02-B-2
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	50.19	54.00	-3.81	32.14	3	Horizontal	162	2.99
AV	2.4194G	104.20	Inf	-Inf	32.23	3	Horizontal	162	2.99
AV	2.4942G	47.19	54.00	-6.81	32.48	3	Horizontal	162	2.99
PK	2.3894G	70.55	74.00	-3.45	32.14	3	Horizontal	162	2.99
PK	2.4146G	113.58	Inf	-Inf	32.22	3	Horizontal	162	2.99
PK	2.4994G	59.04	74.00	-14.96	32.50	3	Horizontal	162	2.99

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

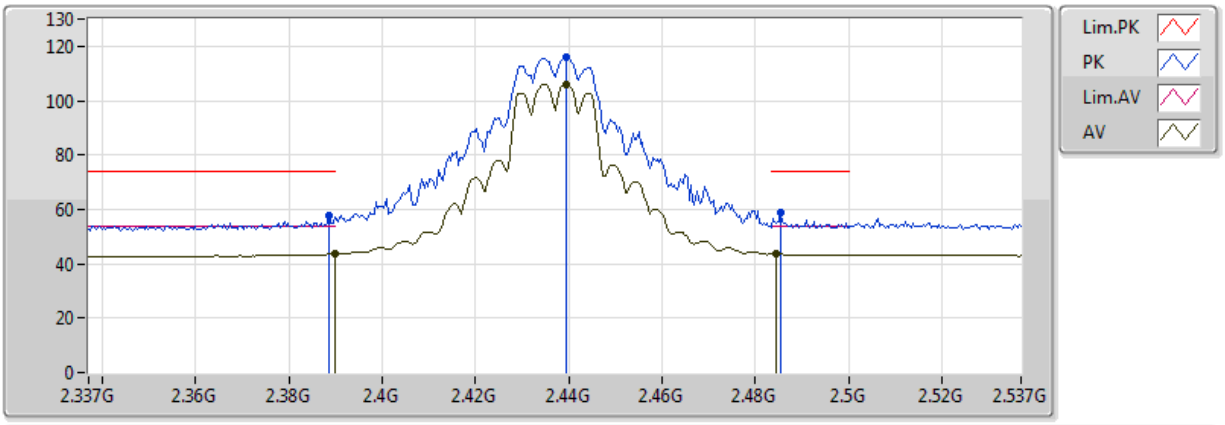


20171020
EUT X_2TX
Setting 29
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3898G	44.04	54.00	-9.96	30.95	3	Vertical	133	1.93
AV	2.4374G	104.53	Inf	-Inf	30.91	3	Vertical	133	1.93
AV	2.483502G	44.07	54.00	-9.93	30.86	3	Vertical	133	1.93
PK	2.3874G	60.84	74.00	-13.16	30.96	3	Vertical	133	1.93
PK	2.4378G	114.15	Inf	-Inf	30.91	3	Vertical	133	1.93
PK	2.4862G	57.74	74.00	-16.26	30.86	3	Vertical	133	1.93

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

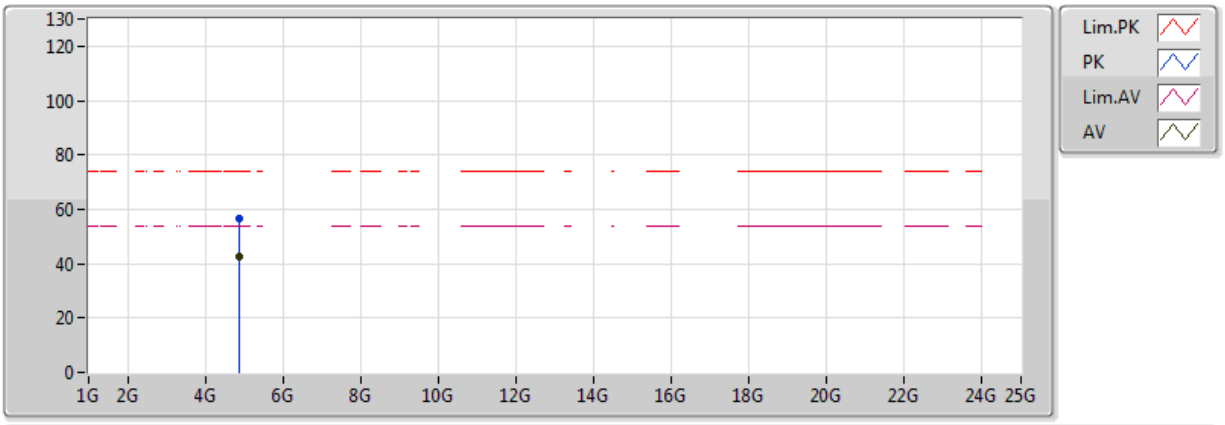


20171020
EUT X_2TX
Setting 29
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3898G	43.63	54.00	-10.37	30.95	3	Horizontal	110	1.37
AV	2.4394G	106.05	Inf	-Inf	30.90	3	Horizontal	110	1.37
AV	2.4846G	43.62	54.00	-10.38	30.86	3	Horizontal	110	1.37
PK	2.3886G	57.75	74.00	-16.25	30.95	3	Horizontal	110	1.37
PK	2.4394G	116.17	Inf	-Inf	30.90	3	Horizontal	110	1.37
PK	2.4854G	58.71	74.00	-15.29	30.86	3	Horizontal	110	1.37

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

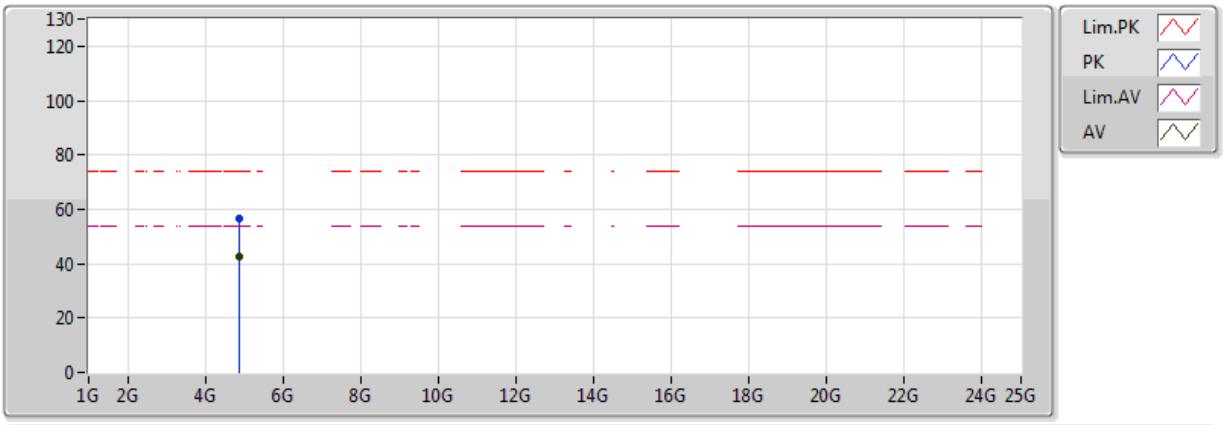


20171020
EUT X_2TX
Setting 29
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.87076G	42.58	54.00	-11.42	3.38	3	Vertical	195	1.44
PK	4.87604G	56.56	74.00	-17.44	3.39	3	Vertical	195	1.44

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

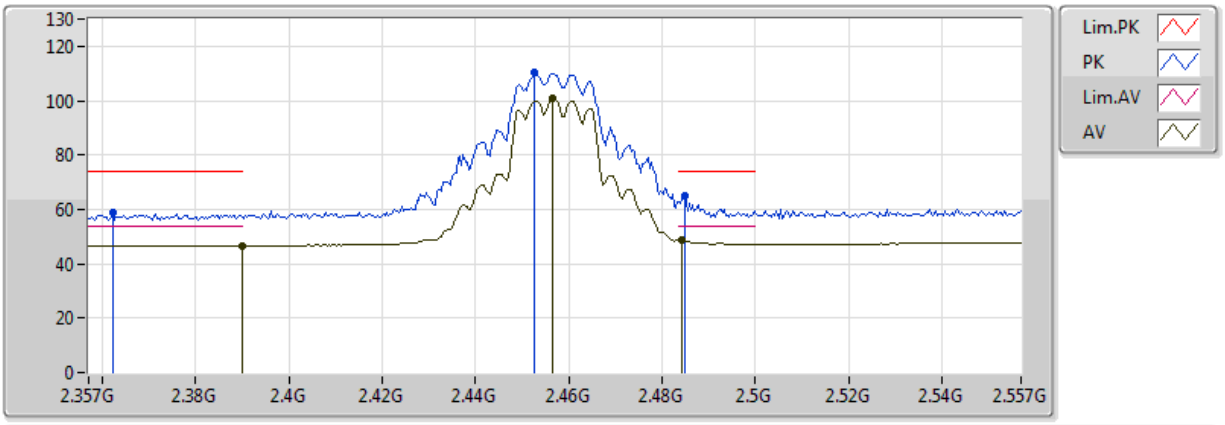


20171020
EUT X_2TX
Setting 29
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.87104G	42.45	54.00	-11.55	3.38	3	Horizontal	306	1.02
PK	4.87508G	56.85	74.00	-17.15	3.39	3	Horizontal	306	1.02

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

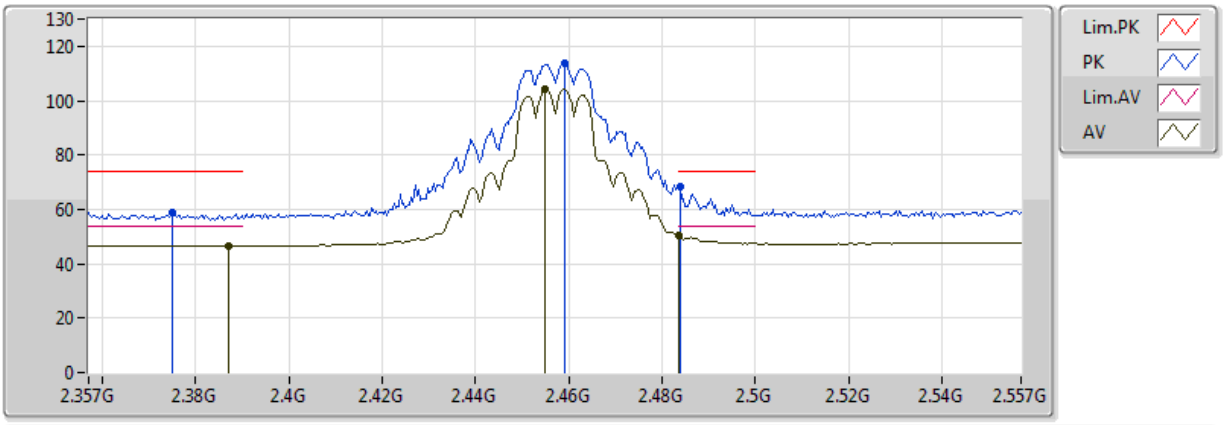


20171214
EUT X_2TX
Setting 29
02-B-2
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	46.62	54.00	-7.38	32.14	3	Vertical	118	1.55
AV	2.4566G	100.92	Inf	-Inf	32.36	3	Vertical	118	1.55
AV	2.4842G	48.80	54.00	-5.20	32.45	3	Vertical	118	1.55
PK	2.3622G	58.65	74.00	-15.35	32.06	3	Vertical	118	1.55
PK	2.4526G	110.11	Inf	-Inf	32.34	3	Vertical	118	1.55
PK	2.485G	65.06	74.00	-8.94	32.45	3	Vertical	118	1.55

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

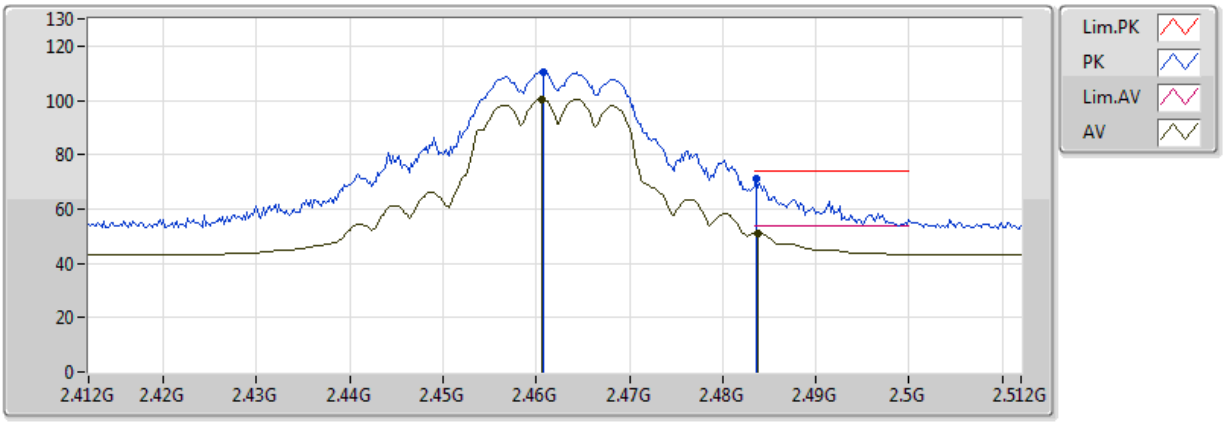


20171214
EUT X_2TX
Setting 29
02-B-2
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.387G	46.64	54.00	-7.36	32.13	3	Horizontal	54	1.50
AV	2.455G	104.07	Inf	-Inf	32.35	3	Horizontal	54	1.50
AV	2.483502G	50.46	54.00	-3.54	32.45	3	Horizontal	54	1.50
PK	2.375G	58.81	74.00	-15.19	32.09	3	Horizontal	54	1.50
PK	2.459G	113.53	Inf	-Inf	32.36	3	Horizontal	54	1.50
PK	2.4838G	68.57	74.00	-5.43	32.45	3	Horizontal	54	1.50

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

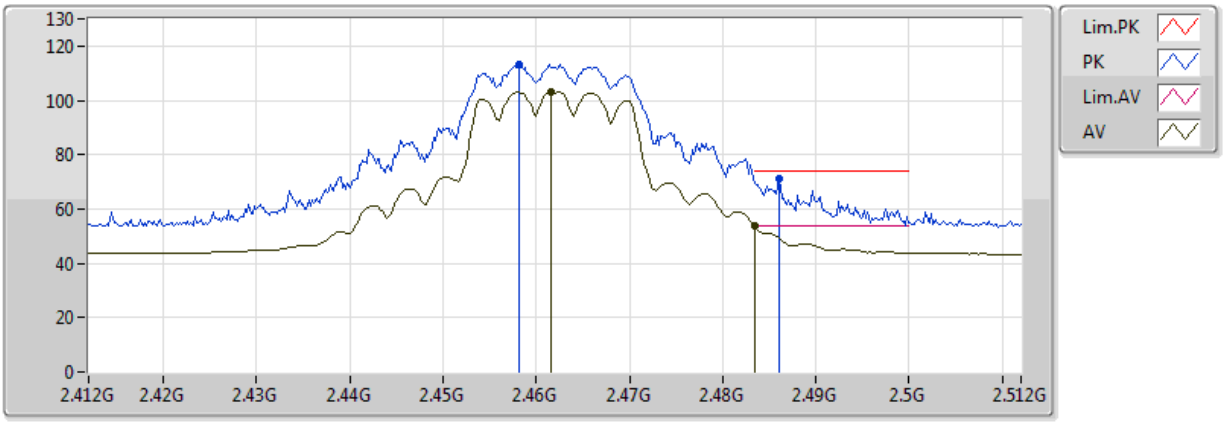


20171020
EUT X_2TX
Setting 20
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4606G	100.54	Inf	-Inf	30.89	3	Vertical	132	1.23
AV	2.4838G	51.19	54.00	-2.81	30.86	3	Vertical	132	1.23
PK	2.4608G	110.62	Inf	-Inf	30.89	3	Vertical	132	1.23
PK	2.4836G	71.18	74.00	-2.82	30.86	3	Vertical	132	1.23

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

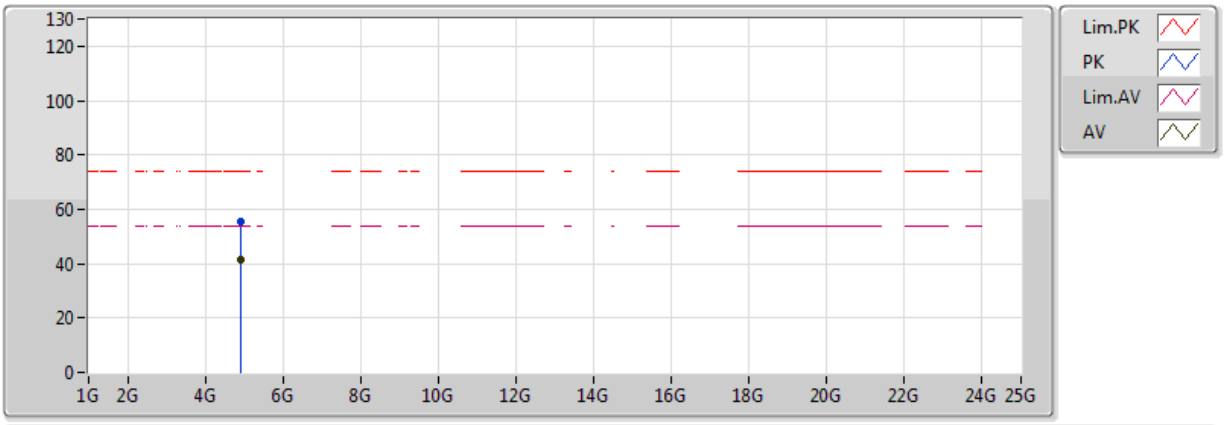


20171020
EUT X_2TX
Setting 20
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4616G	103.35	Inf	-Inf	30.88	3	Horizontal	112	1.81
AV	2.483502G	53.91	54.00	-0.09	30.86	3	Horizontal	112	1.81
PK	2.4582G	113.26	Inf	-Inf	30.89	3	Horizontal	112	1.81
PK	2.486G	71.04	74.00	-2.96	30.86	3	Horizontal	112	1.81

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

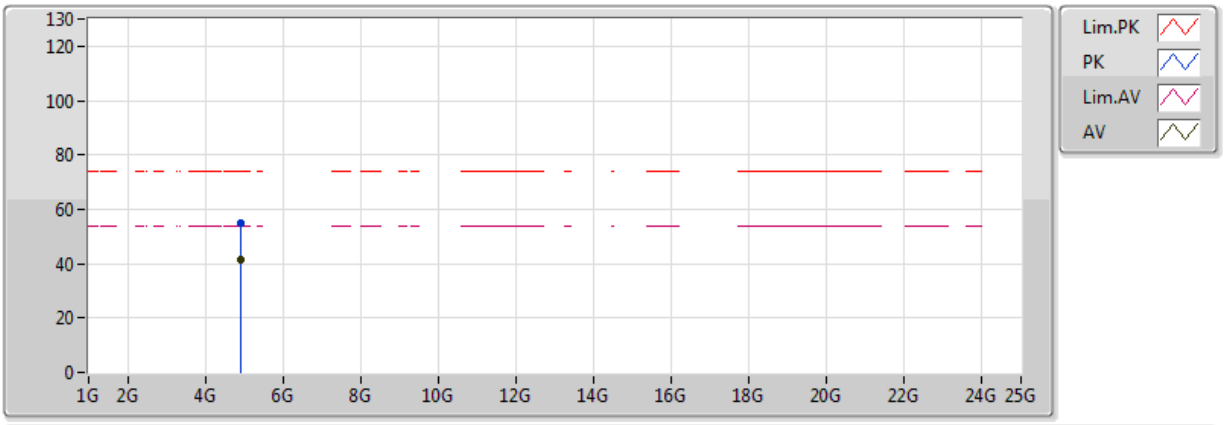


20171020
EUT X_2TX
Setting 20
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.9228G	41.20	54.00	-12.80	3.55	3	Vertical	196	1.81
PK	4.923G	55.75	74.00	-18.25	3.55	3	Vertical	196	1.81

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

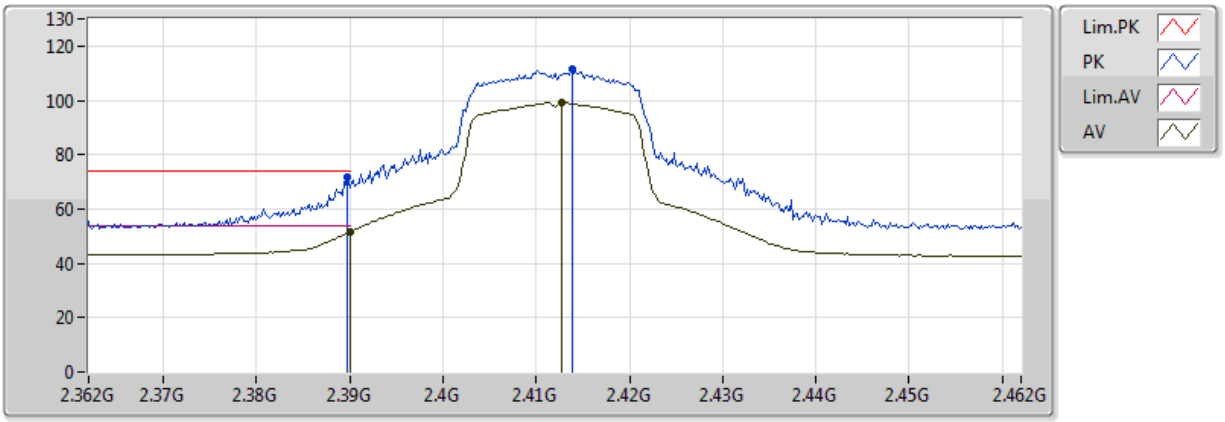


20171020
EUT X_2TX
Setting 20
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.92296G	41.21	54.00	-12.79	3.55	3	Horizontal	77	1.53
PK	4.9234G	55.18	74.00	-18.82	3.55	3	Horizontal	77	1.53

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

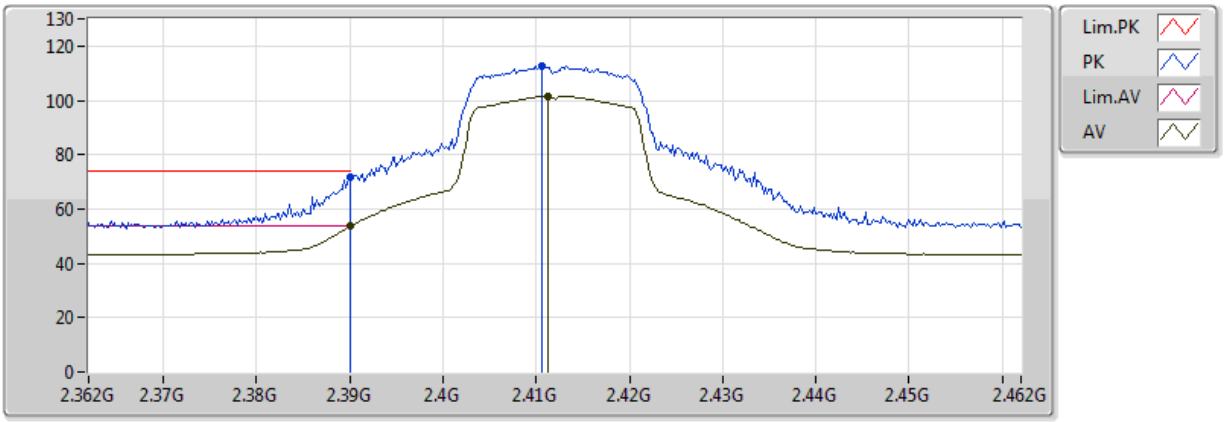


20171020
EUT X_2TX
Setting 21
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	51.61	54.00	-2.39	30.95	3	Vertical	134	1.50
AV	2.4128G	99.16	Inf	-Inf	30.93	3	Vertical	134	1.50
PK	2.3898G	71.73	74.00	-2.27	30.95	3	Vertical	134	1.50
PK	2.4138G	111.25	Inf	-Inf	30.93	3	Vertical	134	1.50

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

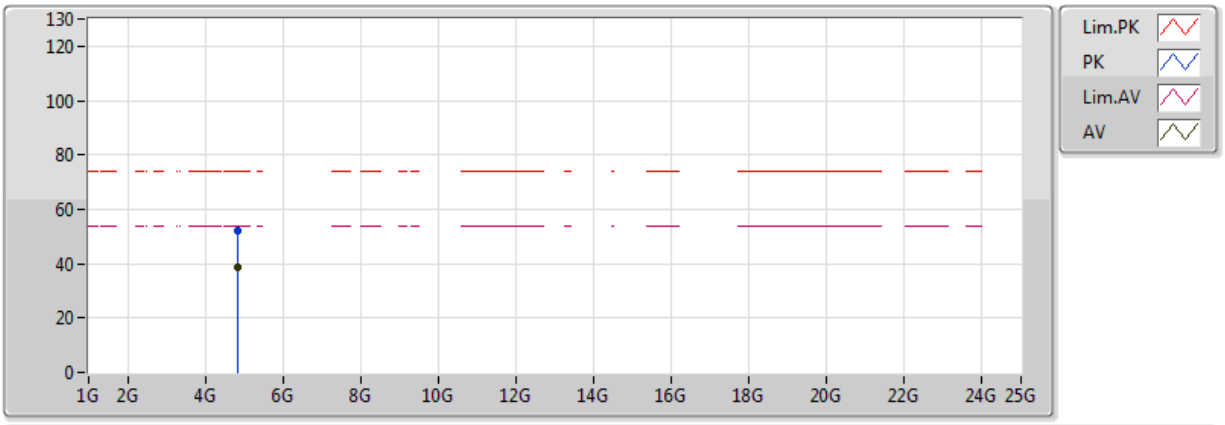


20171020
EUT X_2TX
Setting 21
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	53.61	54.00	-0.39	30.95	3	Horizontal	111	1.93
AV	2.4112G	101.67	Inf	-Inf	30.93	3	Horizontal	111	1.93
PK	2.389998G	71.71	74.00	-2.29	30.95	3	Horizontal	111	1.93
PK	2.4106G	112.90	Inf	-Inf	30.93	3	Horizontal	111	1.93

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

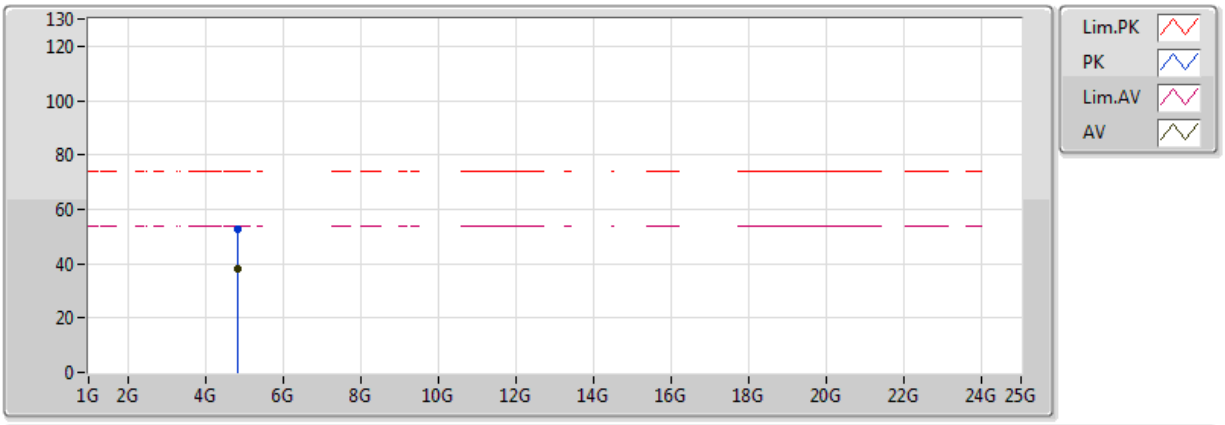


20171020
EUT X_2TX
Setting 21
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.82382G	38.40	54.00	-15.60	3.23	3	Vertical	196	1.67
PK	4.8261G	52.32	74.00	-21.68	3.23	3	Vertical	196	1.67

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

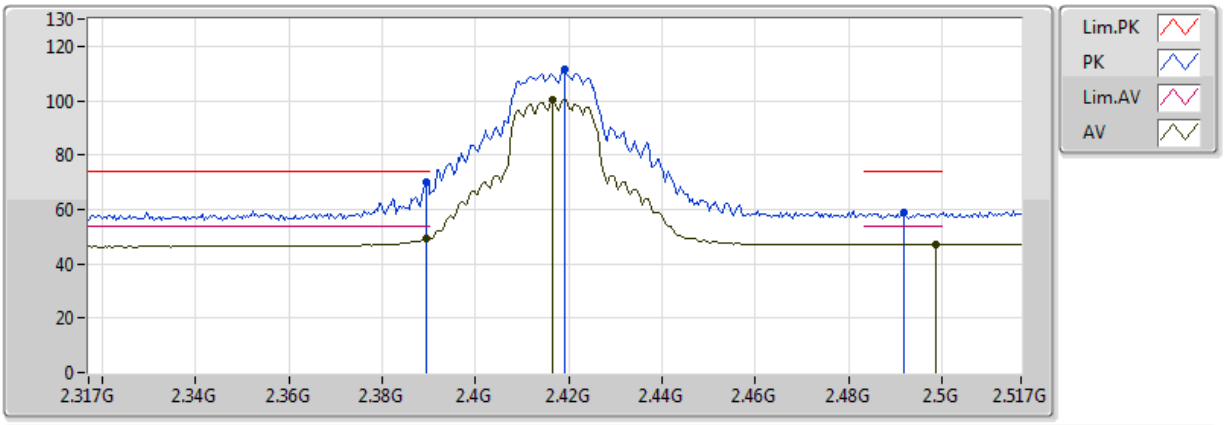


20171020
EUT X_2TX
Setting 21
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.82394G	38.24	54.00	-15.76	3.23	3	Horizontal	280	1.42
PK	4.82358G	52.51	74.00	-21.49	3.23	3	Horizontal	280	1.42

802.11n HT20_Nss1,(MCS0)_2TX

2417MHz_TX

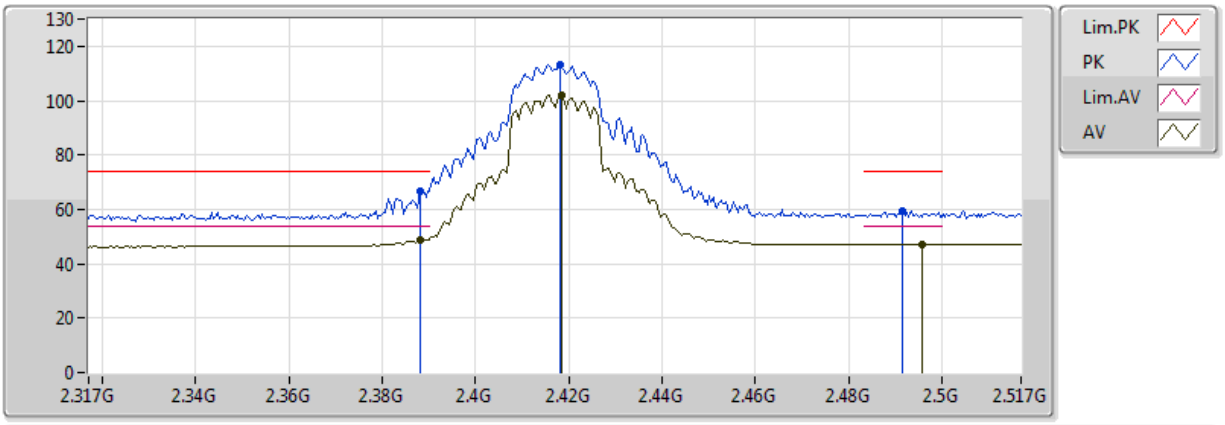


20171214
EUT X_2TX
Setting 29
02-B-2
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3894G	49.17	54.00	-4.83	32.14	3	Vertical	213	2.04
AV	2.4166G	100.27	Inf	-Inf	32.22	3	Vertical	213	2.04
AV	2.4986G	47.15	54.00	-6.85	32.50	3	Vertical	213	2.04
PK	2.3894G	70.14	74.00	-3.86	32.14	3	Vertical	213	2.04
PK	2.419G	111.52	Inf	-Inf	32.23	3	Vertical	213	2.04
PK	2.4918G	58.74	74.00	-15.26	32.47	3	Vertical	213	2.04

802.11n HT20_Nss1,(MCS0)_2TX

2417MHz_TX

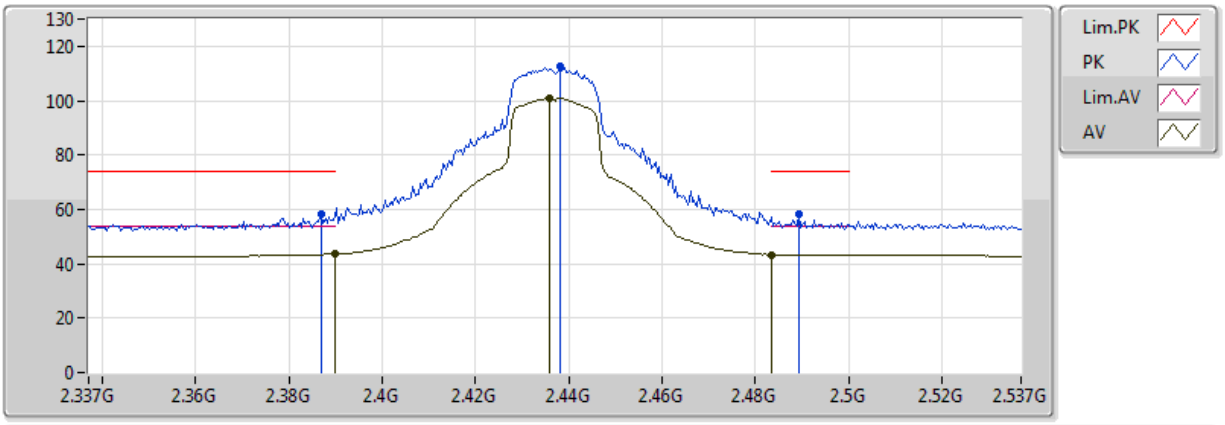


20171214
EUT X_2TX
Setting 29
02-B-2
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3882G	48.82	54.00	-5.18	32.13	3	Horizontal	128	2.99
AV	2.4186G	102.09	Inf	-Inf	32.23	3	Horizontal	128	2.99
AV	2.4958G	47.14	54.00	-6.86	32.49	3	Horizontal	128	2.99
PK	2.3882G	66.69	74.00	-7.31	32.13	3	Horizontal	128	2.99
PK	2.4182G	113.07	Inf	-Inf	32.23	3	Horizontal	128	2.99
PK	2.4914G	59.40	74.00	-14.60	32.47	3	Horizontal	128	2.99

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

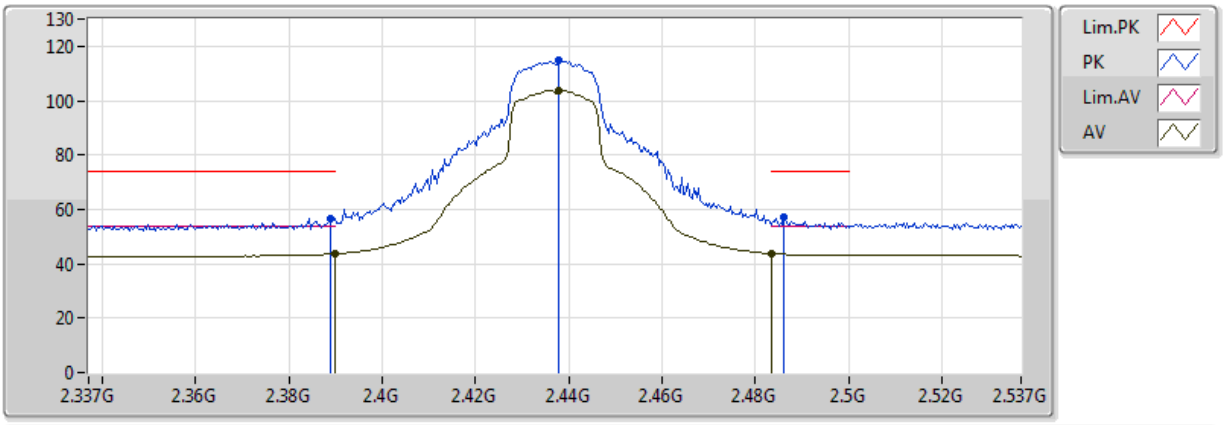


20171020
EUT X_2TX
Setting 29
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3898G	43.63	54.00	-10.37	30.95	3	Vertical	133	1.45
AV	2.4358G	100.95	Inf	-Inf	30.91	3	Vertical	133	1.45
AV	2.483502G	43.35	54.00	-10.65	30.86	3	Vertical	133	1.45
PK	2.387G	58.55	74.00	-15.45	30.96	3	Vertical	133	1.45
PK	2.4382G	112.45	Inf	-Inf	30.91	3	Vertical	133	1.45
PK	2.4894G	58.02	74.00	-15.98	30.86	3	Vertical	133	1.45

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

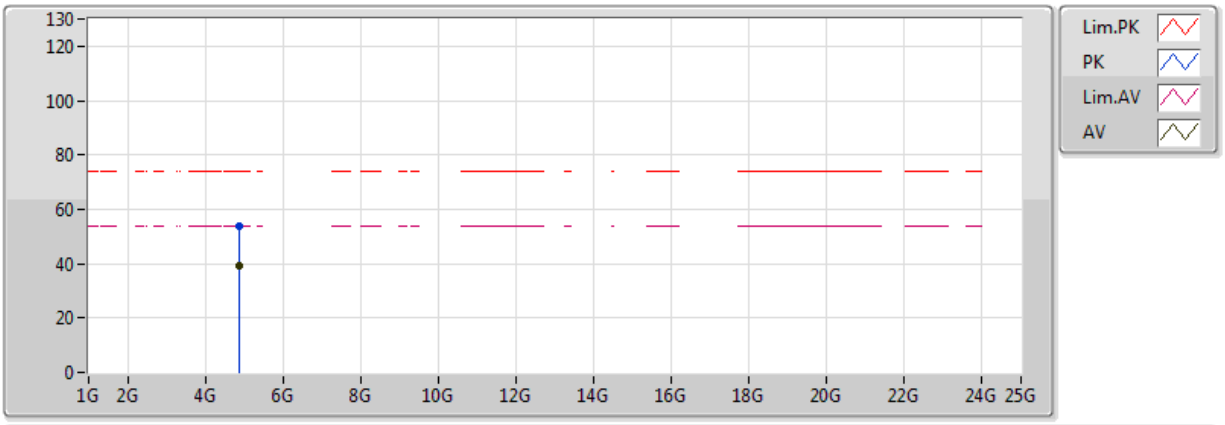


20171020
EUT X_2TX
Setting 29
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3898G	43.62	54.00	-10.38	30.95	3	Horizontal	112	1.38
AV	2.4378G	103.92	Inf	-Inf	30.91	3	Horizontal	112	1.38
AV	2.483502G	43.68	54.00	-10.32	30.86	3	Horizontal	112	1.38
PK	2.389G	56.45	74.00	-17.55	30.95	3	Horizontal	112	1.38
PK	2.4378G	114.84	Inf	-Inf	30.91	3	Horizontal	112	1.38
PK	2.4862G	57.14	74.00	-16.86	30.86	3	Horizontal	112	1.38

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

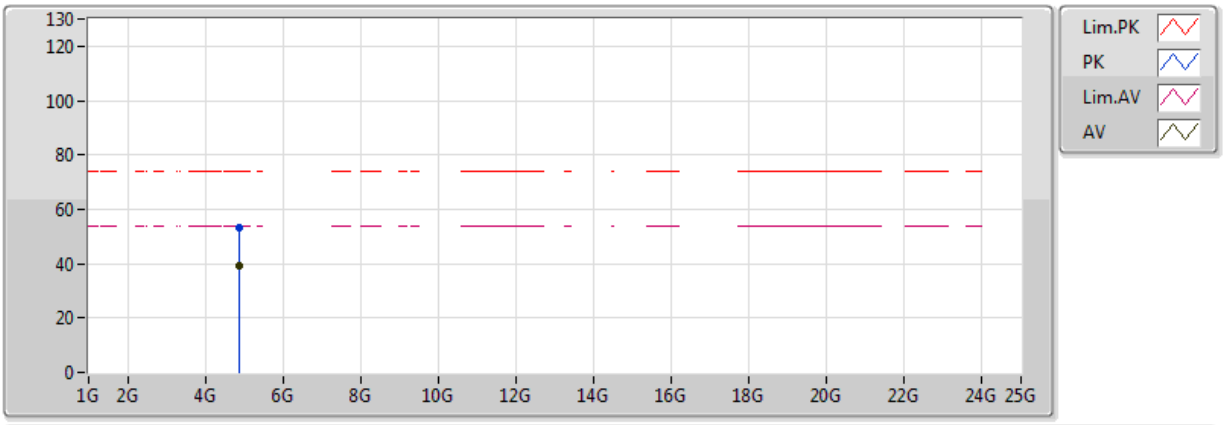


20171020
EUT X_2TX
Setting 29
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.874G	39.28	54.00	-14.72	3.39	3	Vertical	291	1.44
PK	4.87348G	53.69	74.00	-20.31	3.39	3	Vertical	291	1.44

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

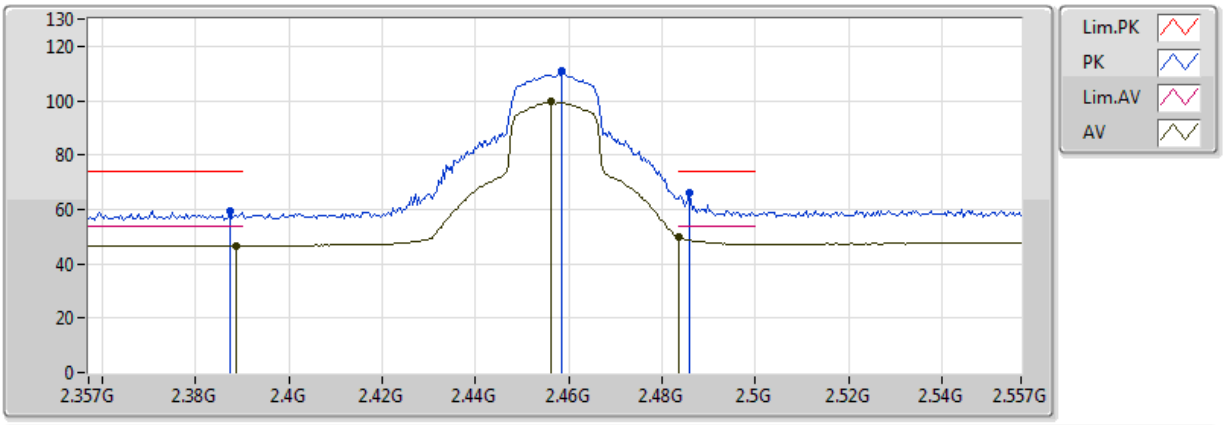


20171020
EUT X_2TX
Setting 29
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.87392G	38.98	54.00	-15.02	3.39	3	Horizontal	262	1.21
PK	4.8728G	53.39	74.00	-20.61	3.38	3	Horizontal	262	1.21

802.11n HT20_Nss1,(MCS0)_2TX

2457MHz_TX

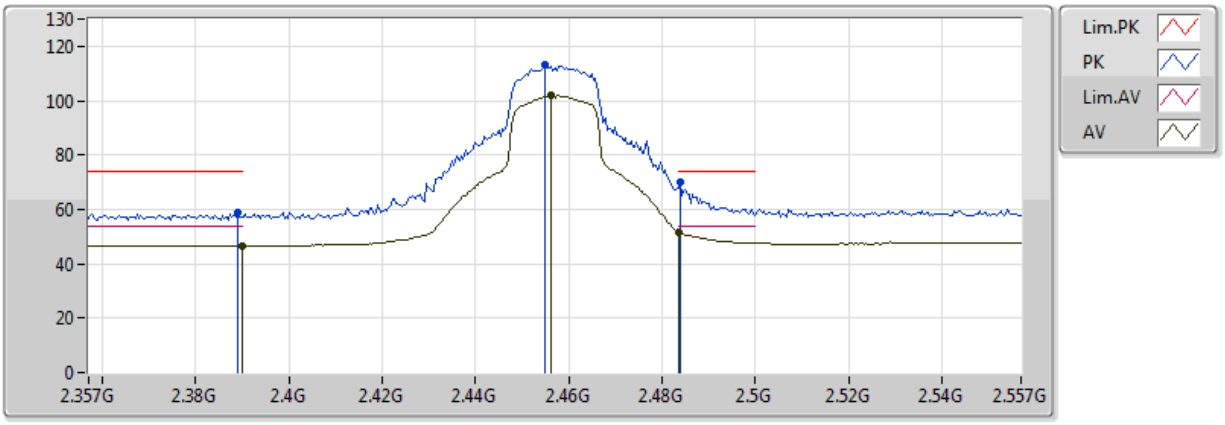


20171214
EUT X_2TX
Setting 29
02-B-2
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3886G	46.61	54.00	-7.39	32.14	3	Vertical	139	1.91
AV	2.4562G	99.61	Inf	-Inf	32.36	3	Vertical	139	1.91
AV	2.483502G	49.74	54.00	-4.26	32.45	3	Vertical	139	1.91
PK	2.3874G	59.24	74.00	-14.76	32.13	3	Vertical	139	1.91
PK	2.4586G	110.72	Inf	-Inf	32.36	3	Vertical	139	1.91
PK	2.4858G	66.18	74.00	-7.82	32.45	3	Vertical	139	1.91

802.11n HT20_Nss1,(MCS0)_2TX

2457MHz_TX

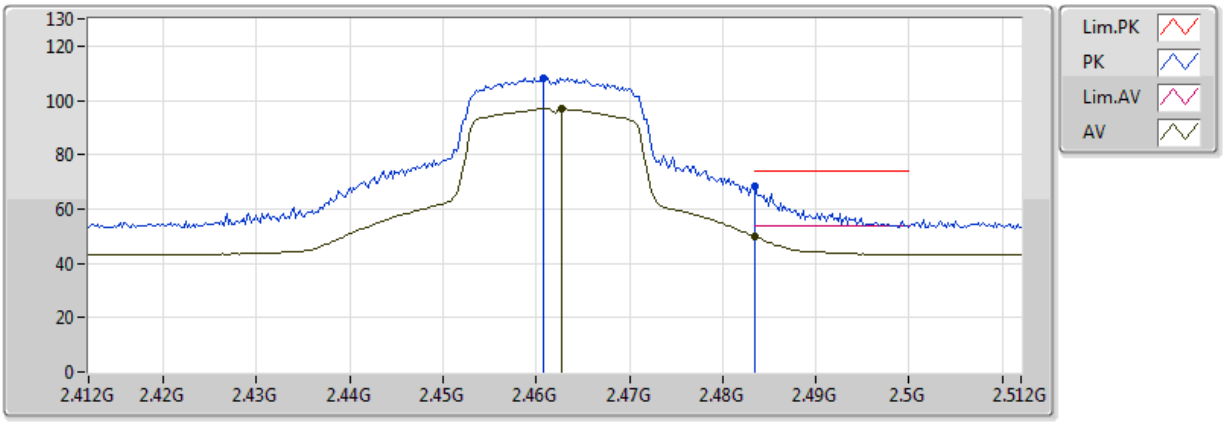


20171214
EUT X_2TX
Setting 29
02-B-2
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	46.66	54.00	-7.34	32.14	3	Horizontal	62	1.50
AV	2.4562G	101.86	Inf	-Inf	32.36	3	Horizontal	62	1.50
AV	2.483502G	51.66	54.00	-2.34	32.45	3	Horizontal	62	1.50
PK	2.389G	58.66	74.00	-15.34	32.14	3	Horizontal	62	1.50
PK	2.455G	113.01	Inf	-Inf	32.35	3	Horizontal	62	1.50
PK	2.4838G	70.12	74.00	-3.88	32.45	3	Horizontal	62	1.50

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

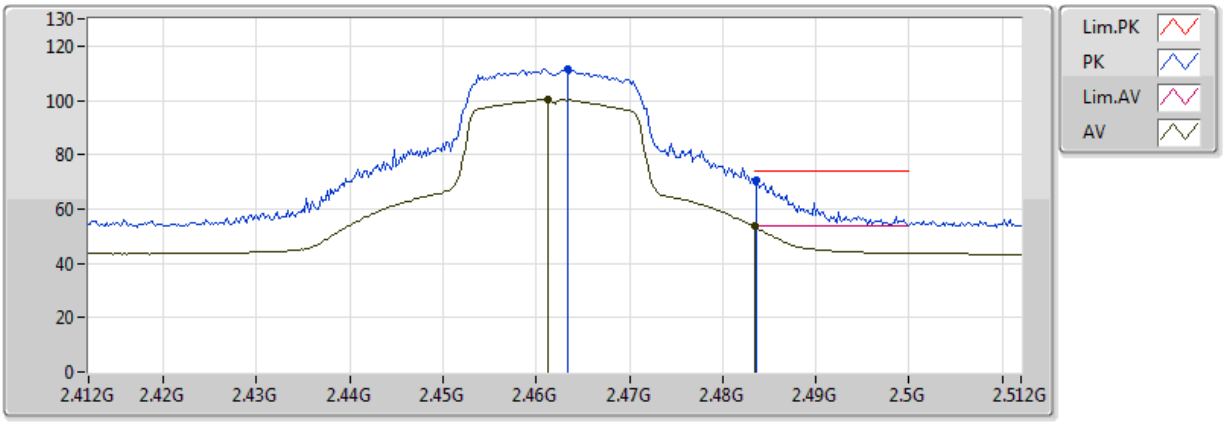


20171020
EUT X_2TX
Setting 20
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4628G	96.89	Inf	-Inf	30.88	3	Vertical	132	1.42
AV	2.483502G	49.87	54.00	-4.13	30.86	3	Vertical	132	1.42
PK	2.4608G	108.20	Inf	-Inf	30.89	3	Vertical	132	1.42
PK	2.483502G	68.31	74.00	-5.69	30.86	3	Vertical	132	1.42

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

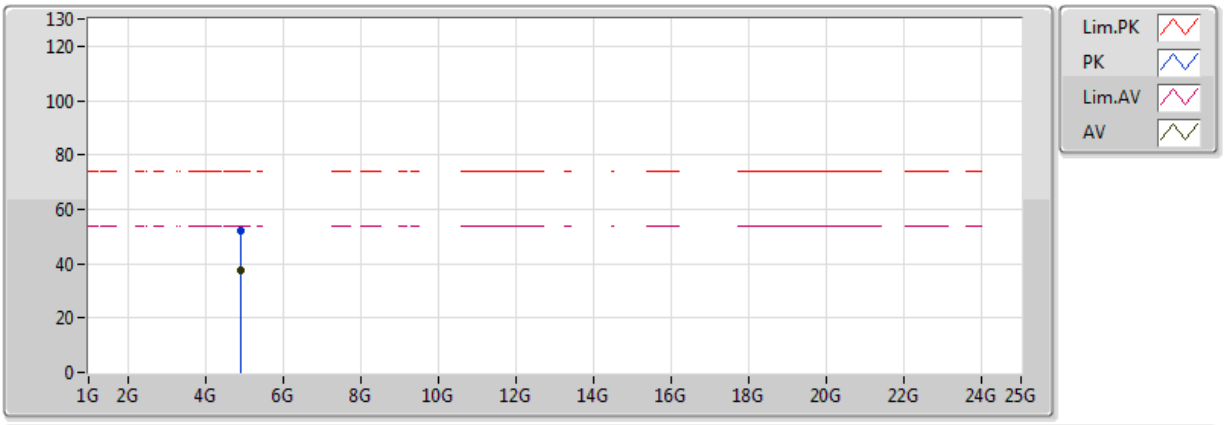


20171020
EUT X_2TX
Setting 20
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4612G	100.39	Inf	-Inf	30.88	3	Horizontal	110	1.78
AV	2.483502G	53.69	54.00	-0.31	30.86	3	Horizontal	110	1.78
PK	2.4634G	111.50	Inf	-Inf	30.88	3	Horizontal	110	1.78
PK	2.4836G	70.35	74.00	-3.65	30.86	3	Horizontal	110	1.78

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

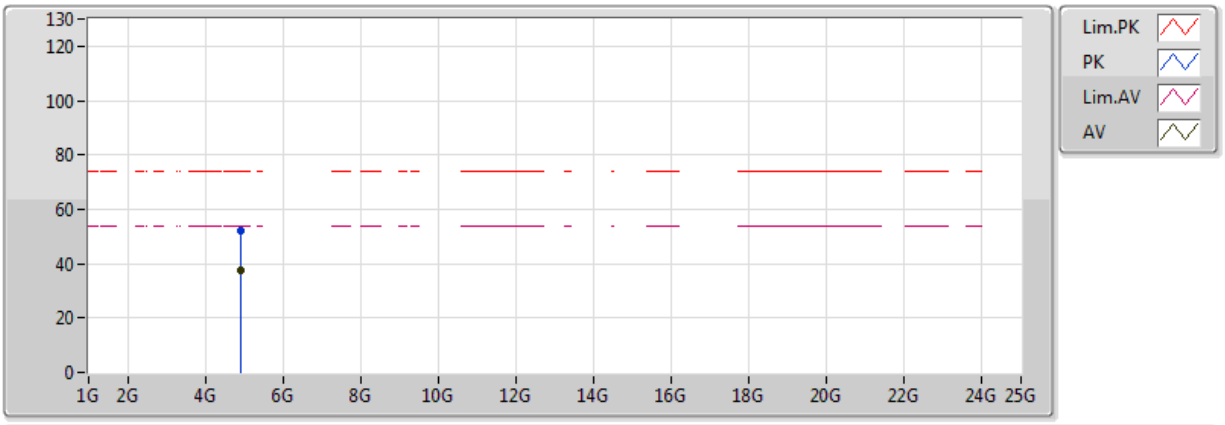


20171020
EUT X_2TX
Setting 20
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.924G	37.61	54.00	-16.39	3.55	3	Vertical	279	1.64
PK	4.9222G	51.90	74.00	-22.10	3.55	3	Vertical	279	1.64

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

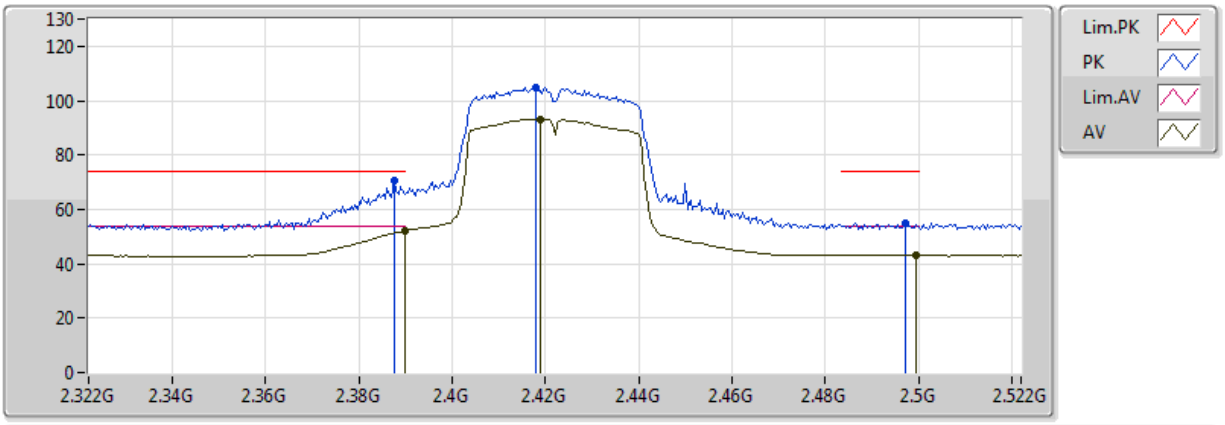


20171020
EUT X_2TX
Setting 20
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.9242G	37.46	54.00	-16.54	3.55	3	Horizontal	337	1.17
PK	4.92236G	52.02	74.00	-21.98	3.55	3	Horizontal	337	1.17

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

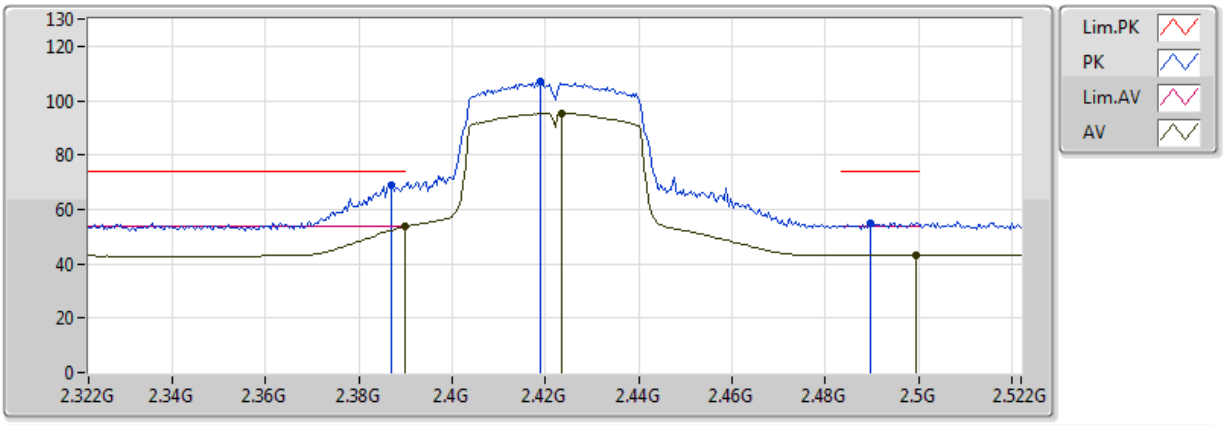


20171020
EUT X_2TX
Setting 1D
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	52.25	54.00	-1.75	30.95	3	Vertical	135	1.51
AV	2.4188G	92.95	Inf	-Inf	30.92	3	Vertical	135	1.51
AV	2.4996G	43.05	54.00	-10.95	30.85	3	Vertical	135	1.51
PK	2.3876G	70.46	74.00	-3.54	30.96	3	Vertical	135	1.51
PK	2.418G	104.72	Inf	-Inf	30.92	3	Vertical	135	1.51
PK	2.4972G	55.01	74.00	-18.99	30.85	3	Vertical	135	1.51

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

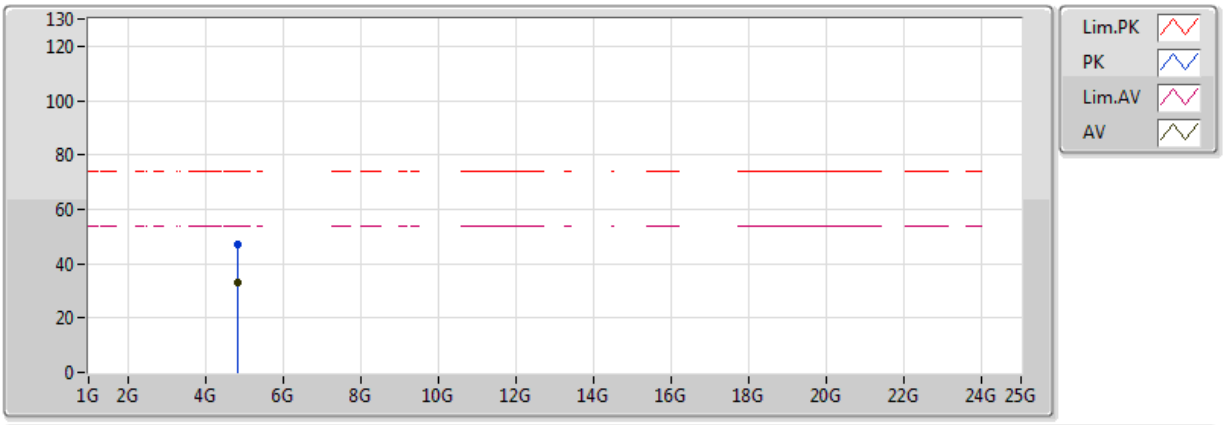


20171020
EUT X_2TX
Setting 1D
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	53.74	54.00	-0.26	30.95	3	Horizontal	112	1.46
AV	2.4236G	95.47	Inf	-Inf	30.92	3	Horizontal	112	1.46
AV	2.4996G	43.29	54.00	-10.71	30.85	3	Horizontal	112	1.46
PK	2.3868G	69.20	74.00	-4.80	30.96	3	Horizontal	112	1.46
PK	2.4188G	106.96	Inf	-Inf	30.92	3	Horizontal	112	1.46
PK	2.4896G	55.10	74.00	-18.90	30.86	3	Horizontal	112	1.46

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

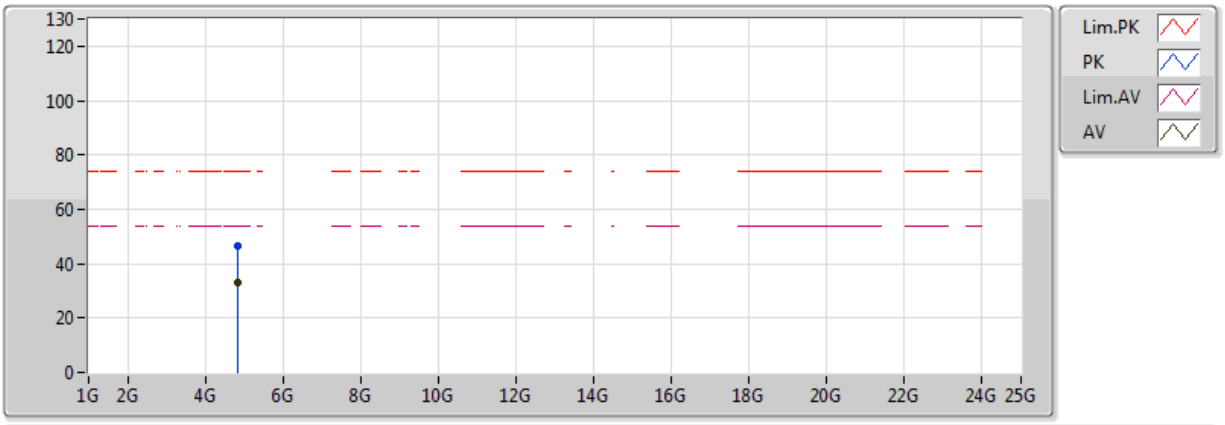


20171020
EUT X_2TX
Setting 1D
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.85392G	33.01	54.00	-20.99	3.32	3	Vertical	160	1.25
PK	4.854G	46.86	74.00	-27.14	3.32	3	Vertical	160	1.25

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

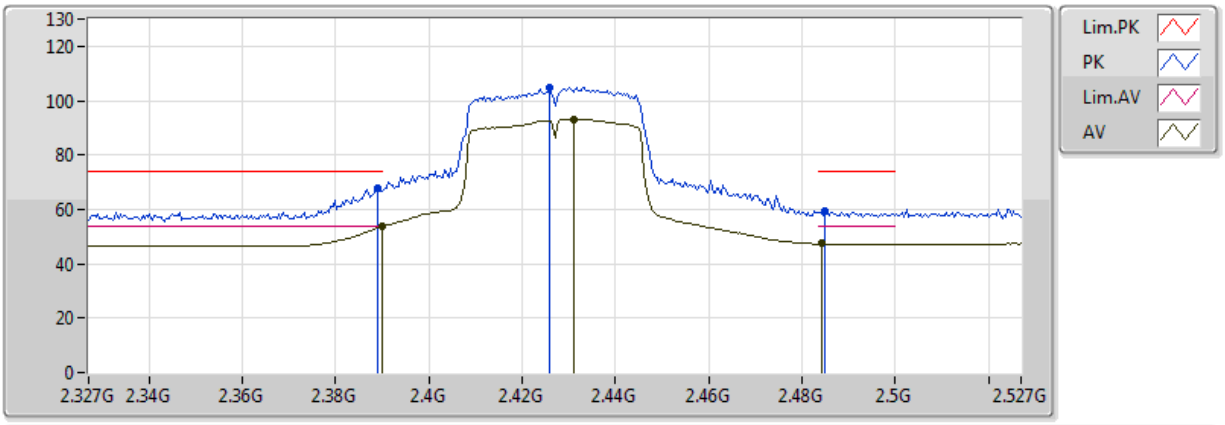


20171020
EUT X_2TX
Setting 1D
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.85384G	32.96	54.00	-21.04	3.32	3	Horizontal	81	2.01
PK	4.85012G	46.74	74.00	-27.26	3.31	3	Horizontal	81	2.01

802.11n HT40_Nss1,(MCS0)_2TX

2427MHz_TX

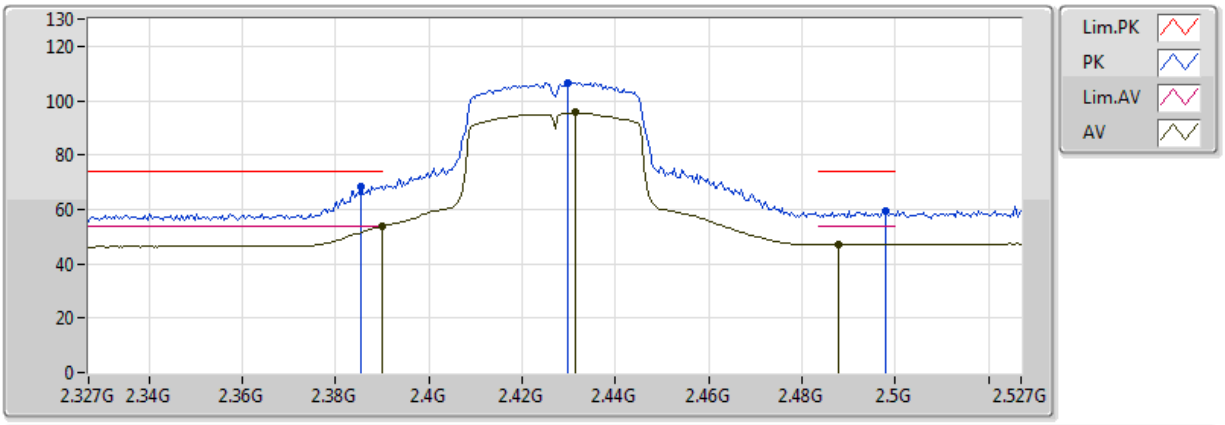


20171214
EUT X_2TX
Setting 20
02-B-2
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	53.80	54.00	-0.20	32.14	3	Vertical	188	2.77
AV	2.431G	93.25	Inf	-Inf	32.27	3	Vertical	188	2.77
AV	2.4842G	47.35	54.00	-6.65	32.45	3	Vertical	188	2.77
PK	2.389G	67.79	74.00	-6.21	32.14	3	Vertical	188	2.77
PK	2.4258G	104.86	Inf	-Inf	32.26	3	Vertical	188	2.77
PK	2.485G	59.53	74.00	-14.47	32.45	3	Vertical	188	2.77

802.11n HT40_Nss1,(MCS0)_2TX

2427MHz_TX

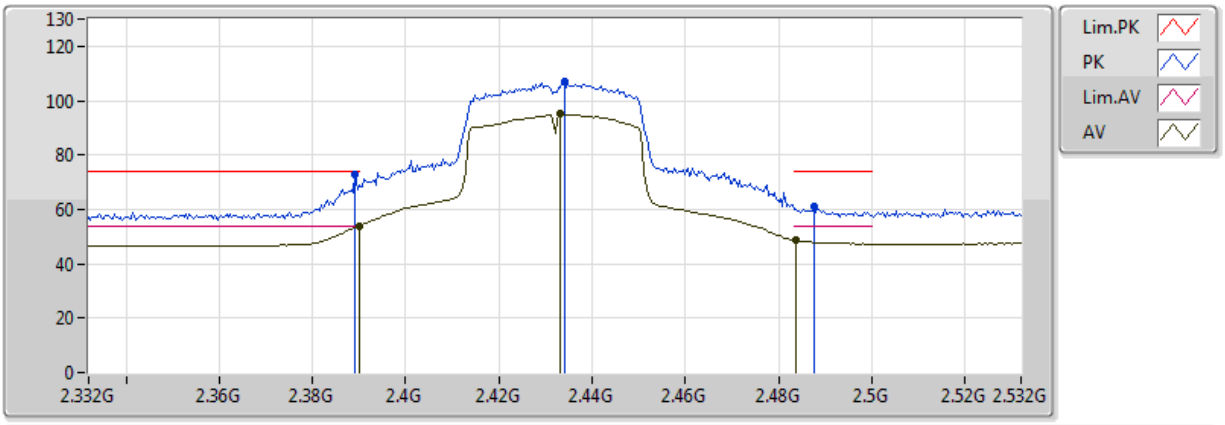


20171214
EUT X_2TX
Setting 20
02-B-2
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	53.86	54.00	-0.14	32.14	3	Horizontal	111	2.99
AV	2.4314G	95.61	Inf	-Inf	32.27	3	Horizontal	111	2.99
AV	2.4878G	47.25	54.00	-6.75	32.46	3	Horizontal	111	2.99
PK	2.3854G	68.52	74.00	-5.48	32.13	3	Horizontal	111	2.99
PK	2.4298G	106.74	Inf	-Inf	32.27	3	Horizontal	111	2.99
PK	2.4978G	59.58	74.00	-14.42	32.49	3	Horizontal	111	2.99

802.11n HT40_Nss1,(MCS0)_2TX

2432MHz_TX

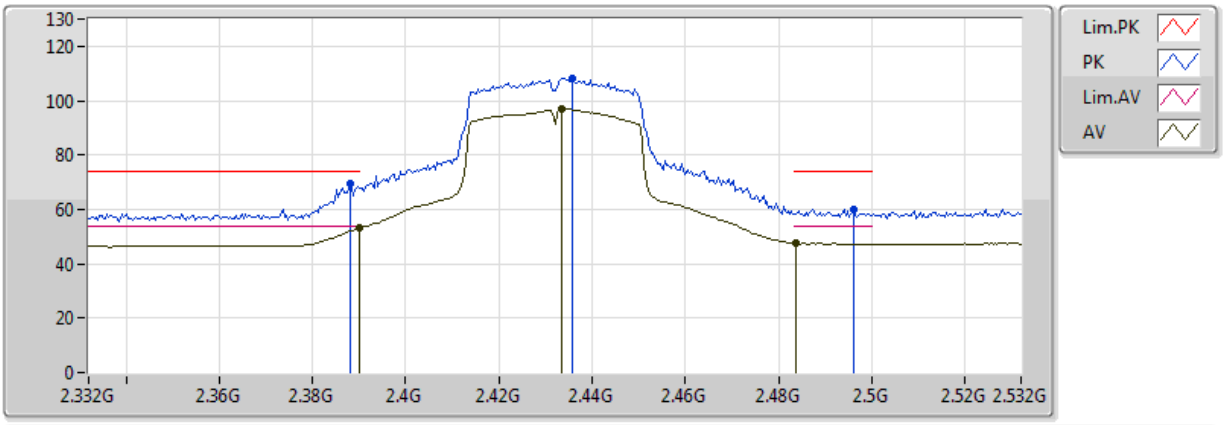


20171214
EUT X_2TX
Setting 22
02-B-2
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.90	54.00	-0.10	32.14	3	Vertical	182	2.75
AV	2.4332G	95.04	Inf	-Inf	32.28	3	Vertical	182	2.75
AV	2.4836G	48.48	54.00	-5.52	32.45	3	Vertical	182	2.75
PK	2.3892G	72.82	74.00	-1.18	32.14	3	Vertical	182	2.75
PK	2.434G	106.78	Inf	-Inf	32.28	3	Vertical	182	2.75
PK	2.4876G	61.22	74.00	-12.78	32.46	3	Vertical	182	2.75

802.11n HT40_Nss1,(MCS0)_2TX

2432MHz_TX

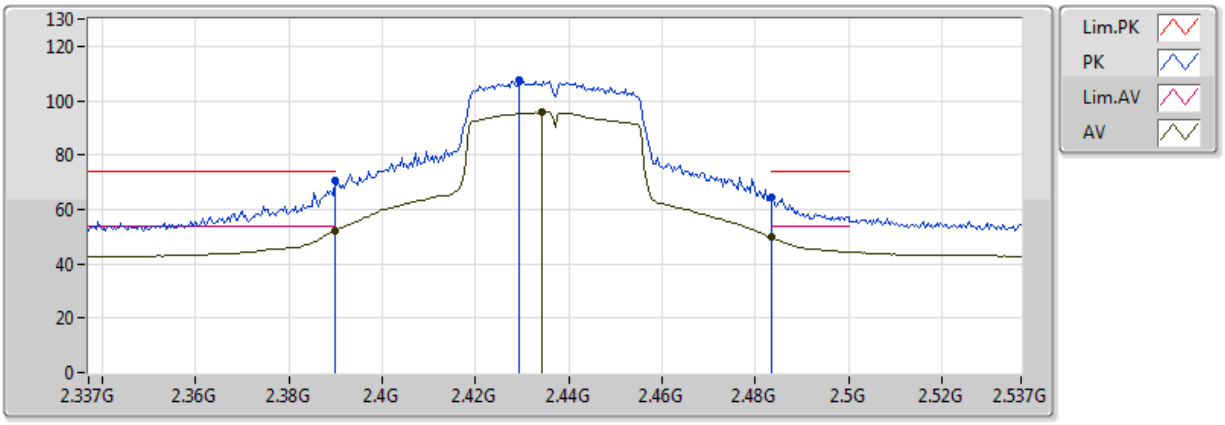


20171214
EUT X_2TX
Setting 22
02-B-2
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	53.06	54.00	-0.94	32.14	3	Horizontal	74	2.99
AV	2.4336G	96.94	Inf	-Inf	32.28	3	Horizontal	74	2.99
AV	2.4836G	47.54	54.00	-6.46	32.45	3	Horizontal	74	2.99
PK	2.388G	69.33	74.00	-4.67	32.13	3	Horizontal	74	2.99
PK	2.4356G	108.22	Inf	-Inf	32.29	3	Horizontal	74	2.99
PK	2.496G	60.07	74.00	-13.93	32.49	3	Horizontal	74	2.99

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

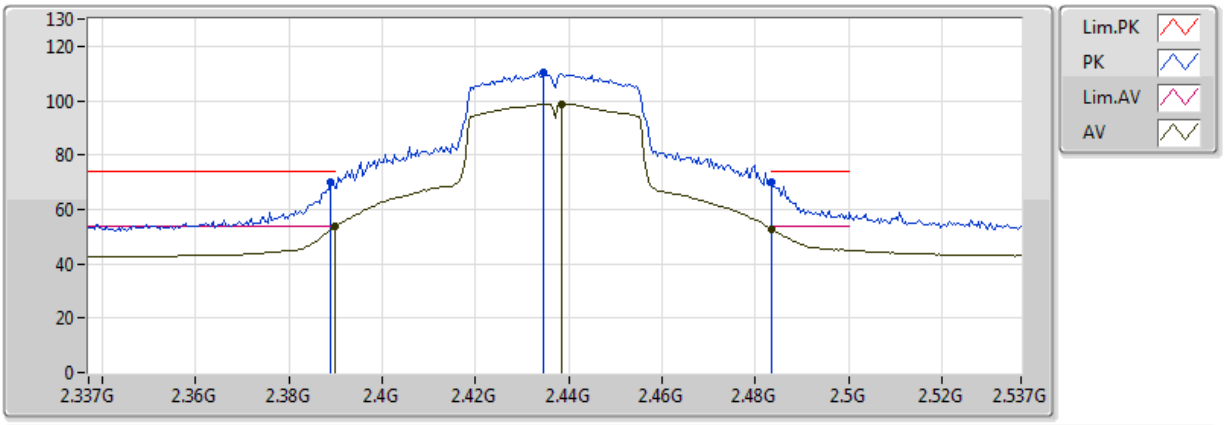


20171020
EUT X_2TX
Setting 24
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3898G	51.94	54.00	-2.06	30.95	3	Vertical	133	1.42
AV	2.4342G	95.83	Inf	-Inf	30.91	3	Vertical	133	1.42
AV	2.483502G	49.66	54.00	-4.34	30.86	3	Vertical	133	1.42
PK	2.3898G	70.44	74.00	-3.56	30.95	3	Vertical	133	1.42
PK	2.4294G	107.72	Inf	-Inf	30.91	3	Vertical	133	1.42
PK	2.483502G	64.52	74.00	-9.48	30.86	3	Vertical	133	1.42

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

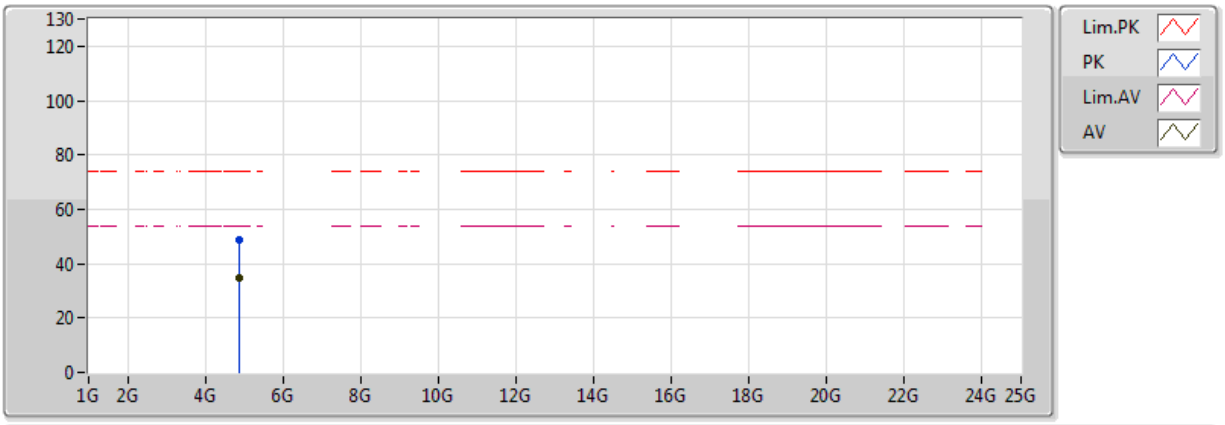


20171020
EUT X_2TX
Setting 24
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3898G	53.69	54.00	-0.31	30.95	3	Horizontal	110	1.35
AV	2.4386G	98.84	Inf	-Inf	30.91	3	Horizontal	110	1.35
AV	2.483502G	52.88	54.00	-1.12	30.86	3	Horizontal	110	1.35
PK	2.389G	70.05	74.00	-3.95	30.95	3	Horizontal	110	1.35
PK	2.4346G	110.39	Inf	-Inf	30.91	3	Horizontal	110	1.35
PK	2.483502G	69.83	74.00	-4.17	30.86	3	Horizontal	110	1.35

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

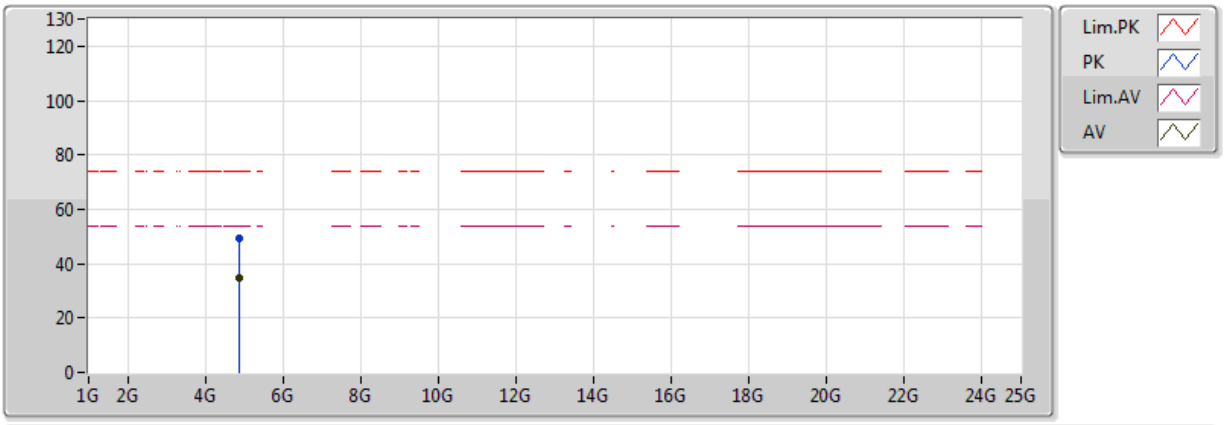


20171020
EUT X_2TX
Setting 24
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.87388G	34.80	54.00	-19.20	3.39	3	Vertical	200	1.43
PK	4.87408G	48.95	74.00	-25.05	3.39	3	Vertical	200	1.43

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

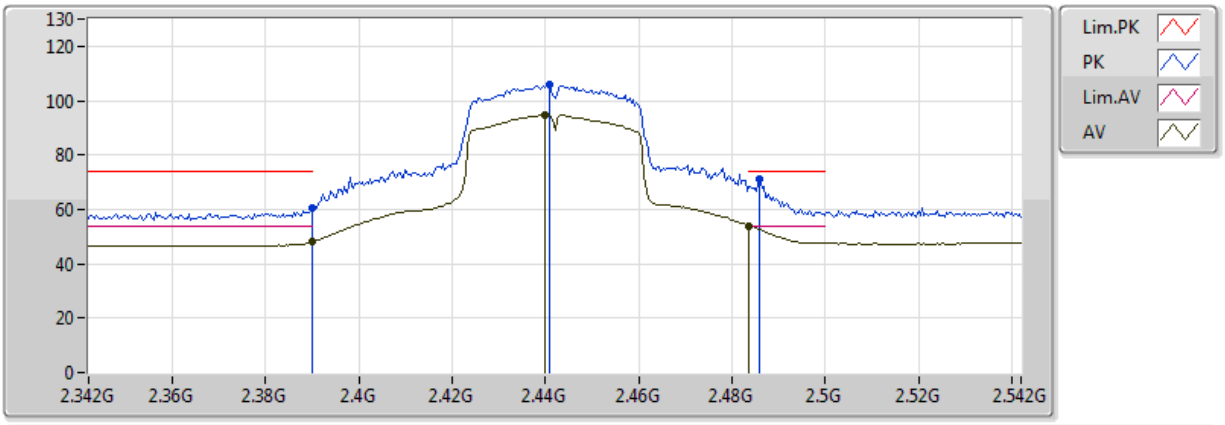


20171020
EUT X_2TX
Setting 24
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.8742G	34.69	54.00	-19.31	3.39	3	Horizontal	31	1.09
PK	4.87536G	49.08	74.00	-24.92	3.39	3	Horizontal	31	1.09

802.11n HT40_Nss1,(MCS0)_2TX

2442MHz_TX

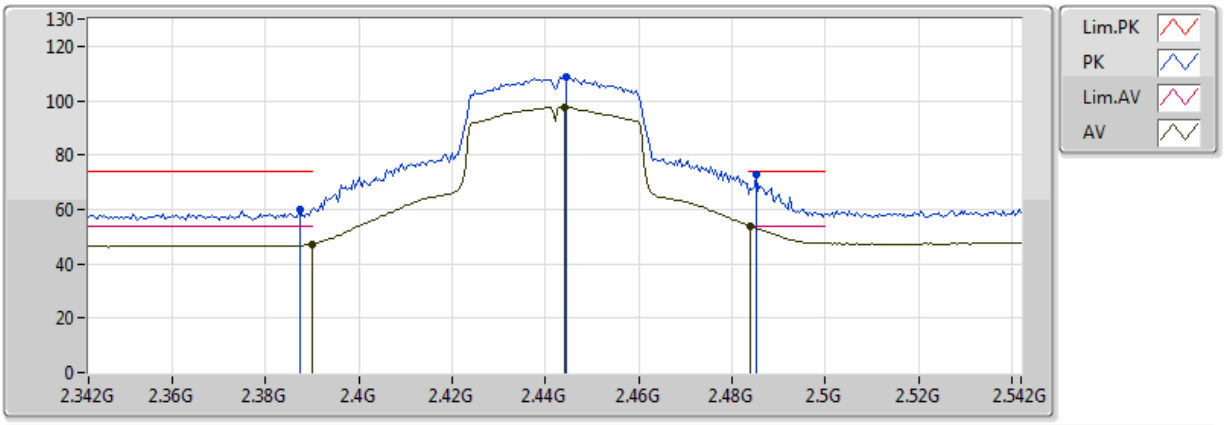


20171214
EUT X_2TX
Setting 23
02-B-2
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	47.91	54.00	-6.09	32.14	3	Vertical	192	1.47
AV	2.44G	94.72	Inf	-Inf	32.30	3	Vertical	192	1.47
AV	2.4836G	53.96	54.00	-0.04	32.45	3	Vertical	192	1.47
PK	2.39G	60.35	74.00	-13.65	32.14	3	Vertical	192	1.47
PK	2.4408G	105.73	Inf	-Inf	32.30	3	Vertical	192	1.47
PK	2.486G	71.11	74.00	-2.89	32.45	3	Vertical	192	1.47

802.11n HT40_Nss1,(MCS0)_2TX

2442MHz_TX

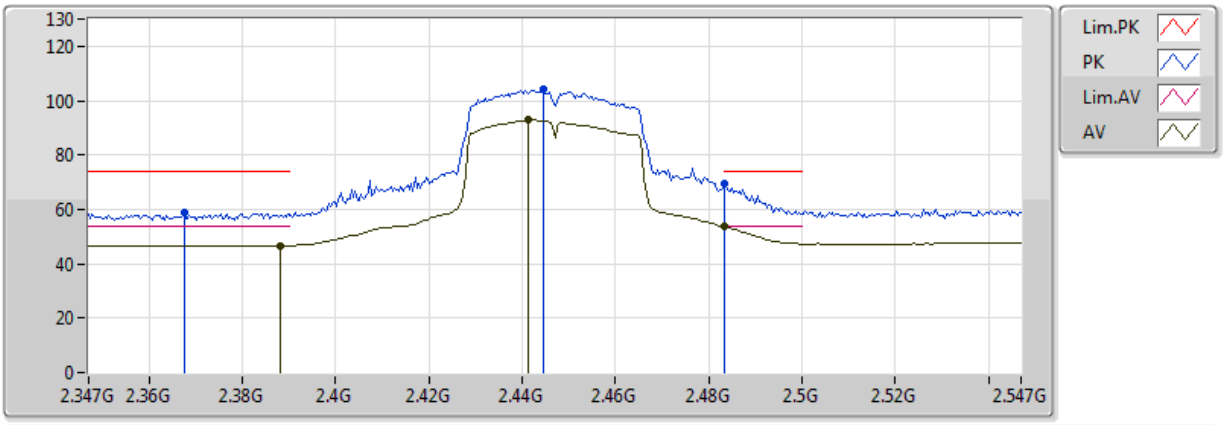


20171214
EUT X_2TX
Setting 23
02-B-2
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.39G	47.33	54.00	-6.67	32.14	3	Horizontal	59	2.95
AV	2.444G	97.65	Inf	-Inf	32.32	3	Horizontal	59	2.95
AV	2.484G	53.80	54.00	-0.20	32.45	3	Horizontal	59	2.95
PK	2.3872G	59.96	74.00	-14.04	32.13	3	Horizontal	59	2.95
PK	2.4444G	108.86	Inf	-Inf	32.32	3	Horizontal	59	2.95
PK	2.4852G	72.66	74.00	-1.34	32.45	3	Horizontal	59	2.95

802.11n HT40_Nss1,(MCS0)_2TX

2447MHz_TX

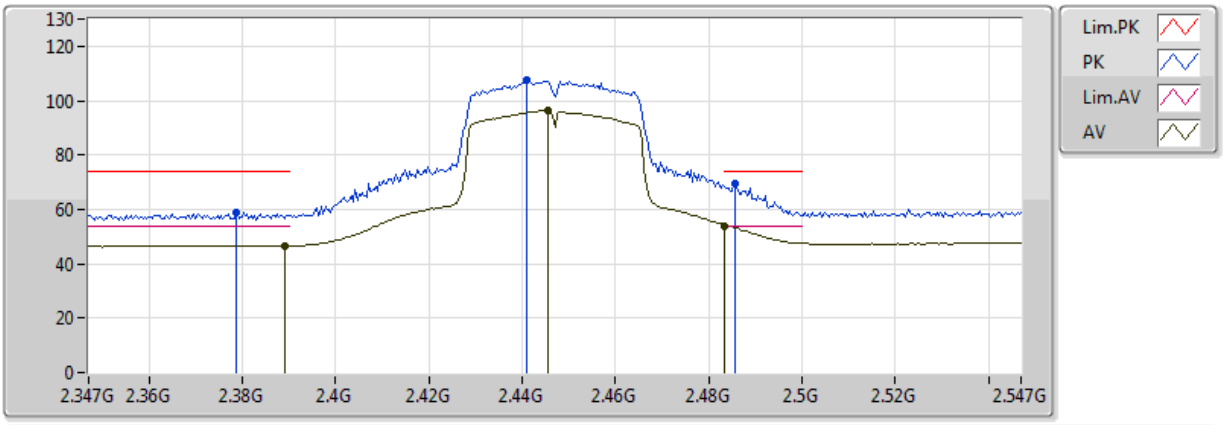


20171214
EUT X_2TX
Setting 20
02-B-2
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3882G	46.73	54.00	-7.27	32.13	3	Vertical	195	1.50
AV	2.4414G	92.85	Inf	-Inf	32.31	3	Vertical	195	1.50
AV	2.483502G	53.54	54.00	-0.46	32.45	3	Vertical	195	1.50
PK	2.3674G	58.62	74.00	-15.38	32.07	3	Vertical	195	1.50
PK	2.4446G	103.95	Inf	-Inf	32.32	3	Vertical	195	1.50
PK	2.483502G	69.45	74.00	-4.55	32.45	3	Vertical	195	1.50

802.11n HT40_Nss1,(MCS0)_2TX

2447MHz_TX

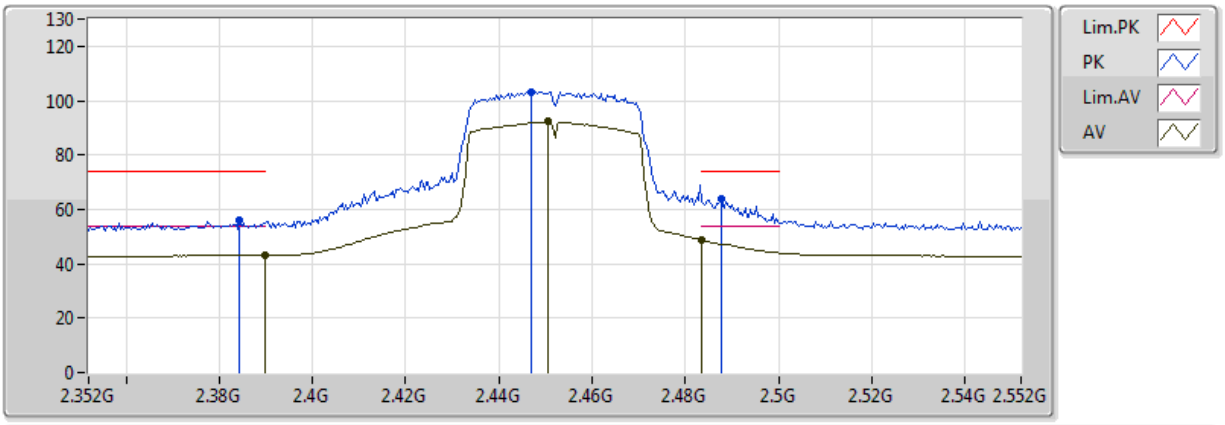


20171214
EUT X_2TX
Setting 20
02-B-2
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389G	46.72	54.00	-7.28	32.14	3	Horizontal	72	2.95
AV	2.4454G	96.35	Inf	-Inf	32.32	3	Horizontal	72	2.95
AV	2.483502G	53.96	54.00	-0.04	32.45	3	Horizontal	72	2.95
PK	2.3786G	58.90	74.00	-15.10	32.11	3	Horizontal	72	2.95
PK	2.441G	107.52	Inf	-Inf	32.31	3	Horizontal	72	2.95
PK	2.4858G	69.52	74.00	-4.48	32.45	3	Horizontal	72	2.95

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

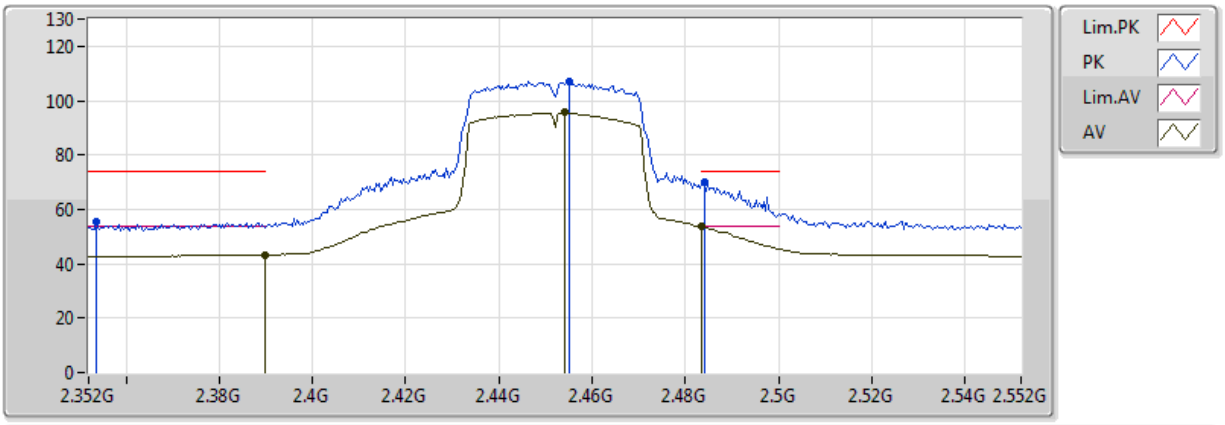


20171020
EUT X_2TX
Setting 1E
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	43.19	54.00	-10.81	30.95	3	Vertical	134	1.30
AV	2.4504G	92.23	Inf	-Inf	30.89	3	Vertical	134	1.30
AV	2.483502G	48.58	54.00	-5.42	30.86	3	Vertical	134	1.30
PK	2.3844G	56.29	74.00	-17.71	30.96	3	Vertical	134	1.30
PK	2.4468G	103.22	Inf	-Inf	30.90	3	Vertical	134	1.30
PK	2.4876G	63.97	74.00	-10.03	30.86	3	Vertical	134	1.30

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

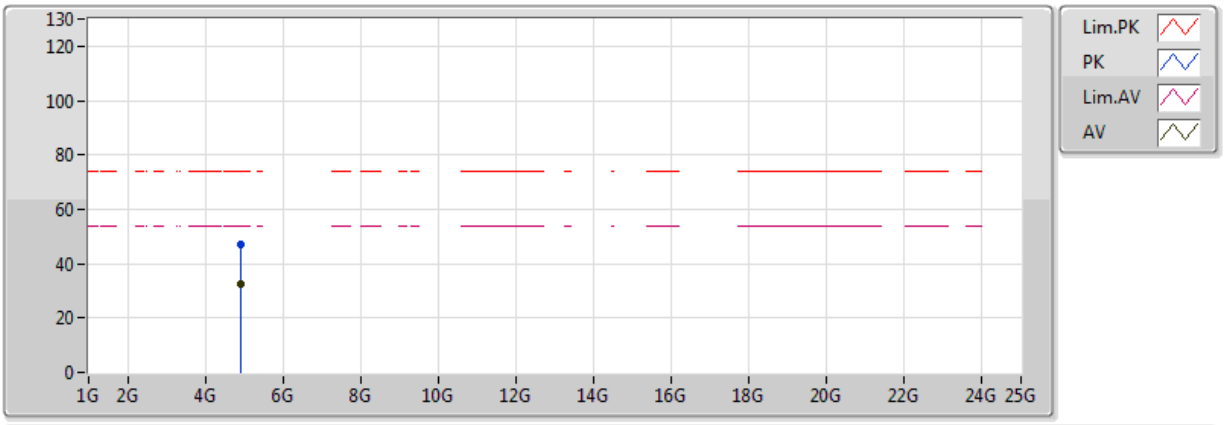


20171020
EUT X_2TX
Setting 1E
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	43.35	54.00	-10.65	30.95	3	Horizontal	111	1.79
AV	2.454G	95.56	Inf	-Inf	30.89	3	Horizontal	111	1.79
AV	2.483502G	53.79	54.00	-0.21	30.86	3	Horizontal	111	1.79
PK	2.3536G	55.53	74.00	-18.47	31.00	3	Horizontal	111	1.79
PK	2.4552G	107.01	Inf	-Inf	30.89	3	Horizontal	111	1.79
PK	2.484G	69.93	74.00	-4.07	30.86	3	Horizontal	111	1.79

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

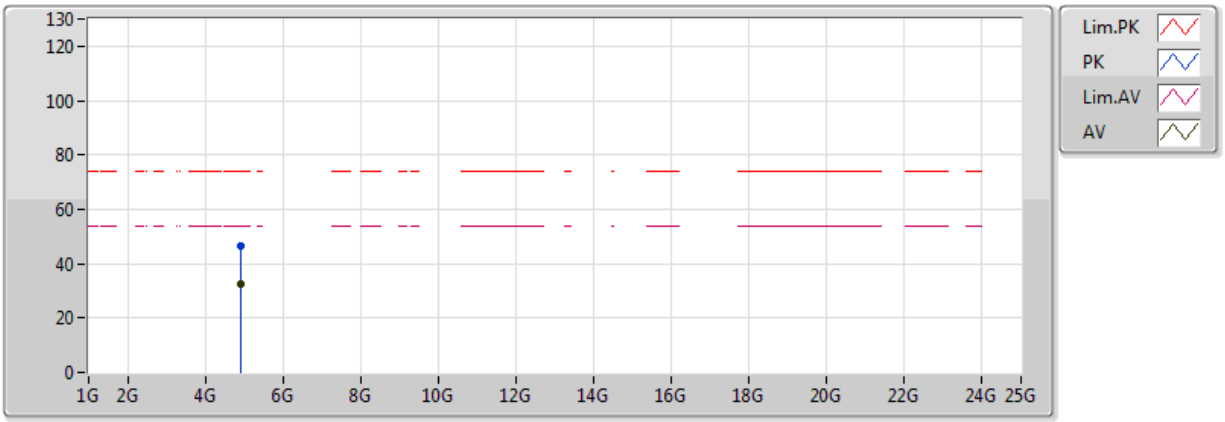


20171020
EUT X_2TX
Setting 1E
01-J-6
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.90644G	32.68	54.00	-21.32	3.49	3	Vertical	87	1.44
PK	4.91252G	47.02	74.00	-26.98	3.51	3	Vertical	87	1.44

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX



20171020
EUT X_2TX
Setting 1E
01-J-6
FSP(100056)

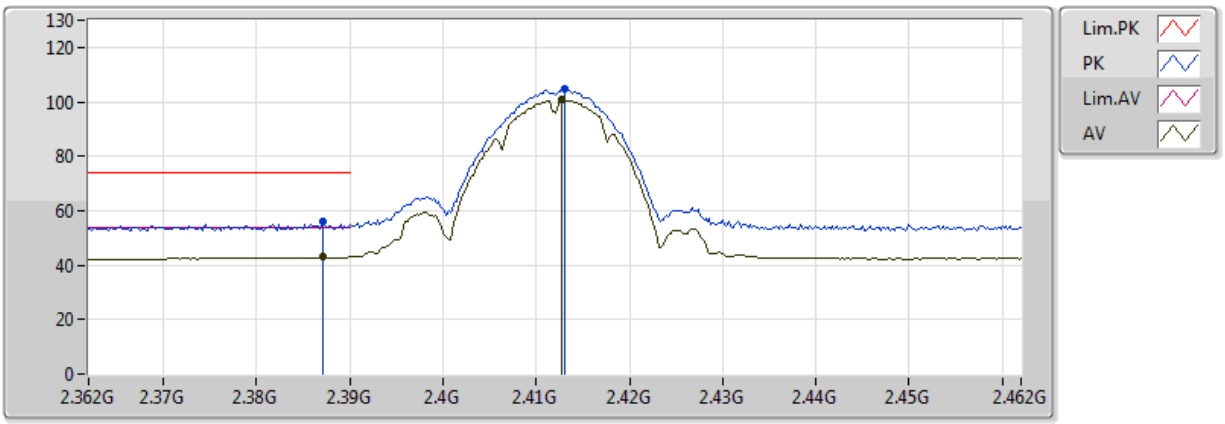
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.9052G	32.74	54.00	-21.26	3.49	3	Horizontal	120	1.42
PK	4.9112G	46.63	74.00	-27.37	3.51	3	Horizontal	120	1.42

Test Mode: Mode 2. EUT with Set 2 antennas
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	4.82398G	53.98	54.00	-0.02	3.94	3	Horizontal	297	1.97	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

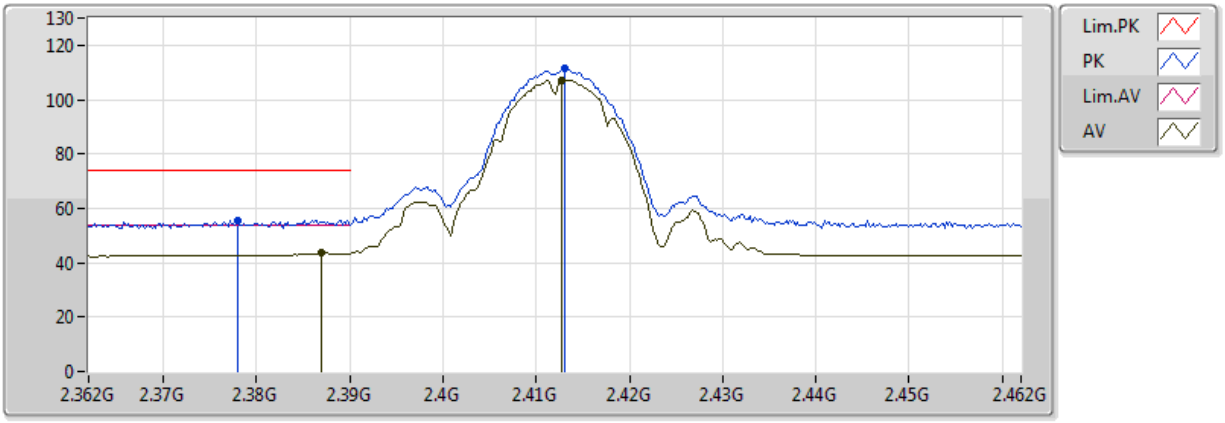


20171216
EUT Z_2TX
Setting 1F
01-J-1
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3872G	42.91	54.00	-11.09	30.97	3	Vertical	141	1.03
AV	2.4128G	100.66	Inf	-Inf	30.97	3	Vertical	141	1.03
PK	2.3872G	55.90	74.00	-18.10	30.97	3	Vertical	141	1.03
PK	2.413G	104.74	Inf	-Inf	30.97	3	Vertical	141	1.03

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

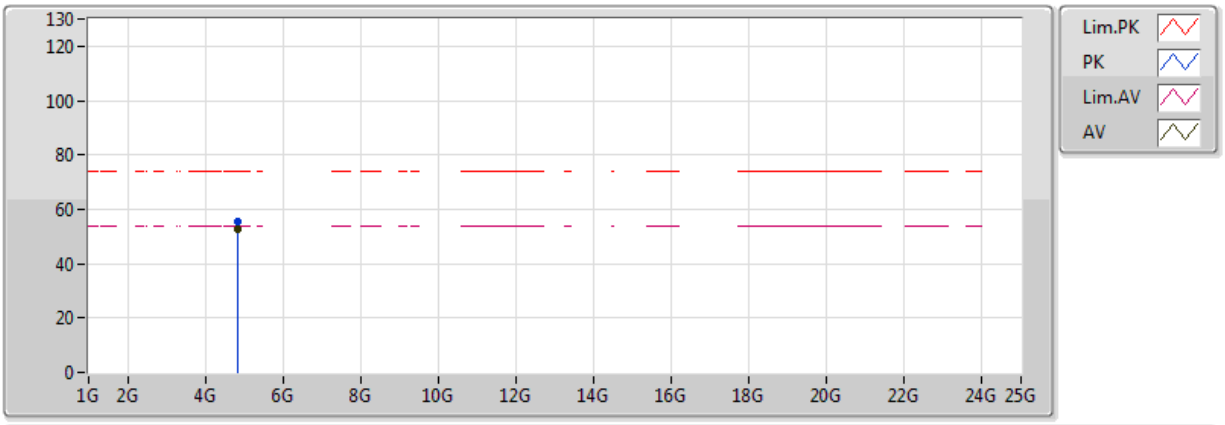


20171216
EUT Z_2TX
Setting 1F
01-J-1
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.387G	43.70	54.00	-10.30	30.97	3	Horizontal	200	1.99
AV	2.4128G	107.27	Inf	-Inf	30.97	3	Horizontal	200	1.99
PK	2.378G	55.72	74.00	-18.28	31.00	3	Horizontal	200	1.99
PK	2.413G	111.32	Inf	-Inf	30.97	3	Horizontal	200	1.99

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

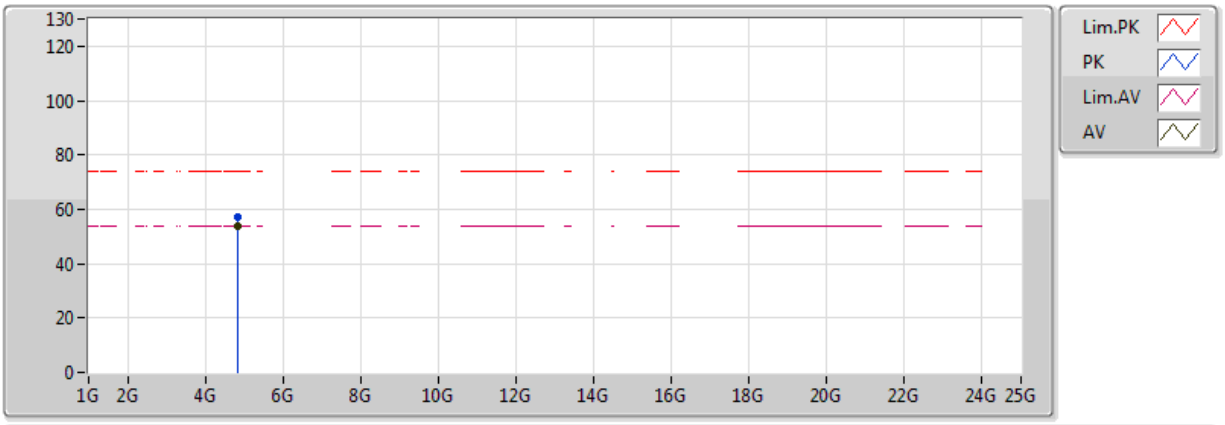


20171216
EUT Z_2TX
Setting 1F
01-J-1
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.82398G	52.55	54.00	-1.45	3.94	3	Vertical	81	2.57
PK	4.82396G	55.54	74.00	-18.46	3.94	3	Vertical	81	2.57

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

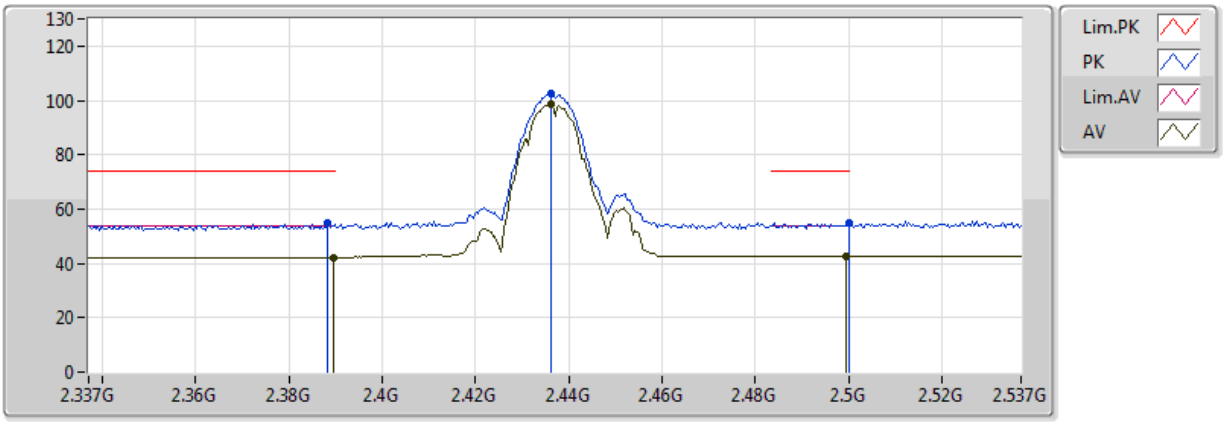


20171216
EUT Z_2TX
Setting 1F
01-J-1
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.82398G	53.98	54.00	-0.02	3.94	3	Horizontal	297	1.97
PK	4.824G	57.03	74.00	-16.97	3.94	3	Horizontal	297	1.97

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

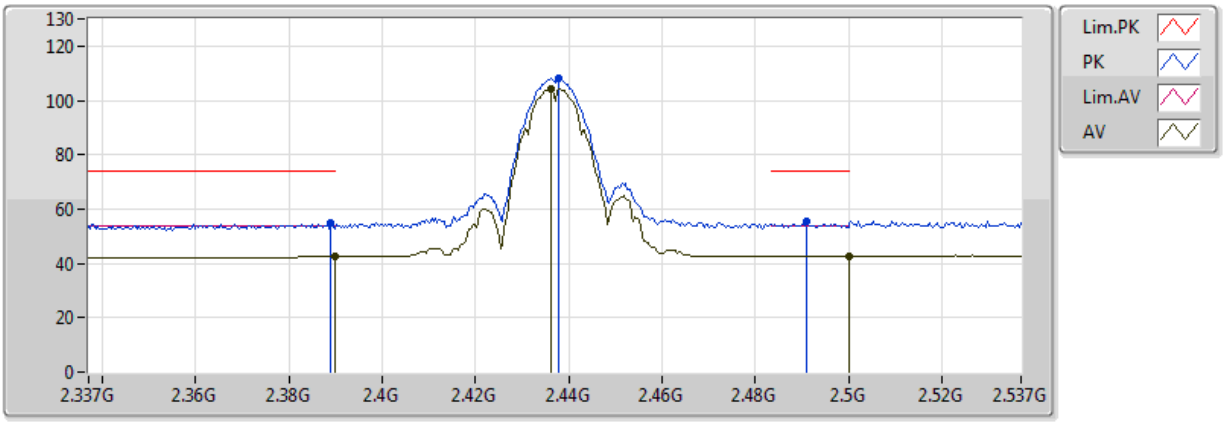


20171216
EUT Z_2TX
Setting 21
01-J-1
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3894G	42.28	54.00	-11.72	30.96	3	Vertical	71	1.08
AV	2.4362G	98.79	Inf	-Inf	31.03	3	Vertical	71	1.08
AV	2.4994G	42.71	54.00	-11.29	31.22	3	Vertical	71	1.08
PK	2.3882G	55.17	74.00	-18.83	30.97	3	Vertical	71	1.08
PK	2.4362G	102.63	Inf	-Inf	31.03	3	Vertical	71	1.08
PK	2.499998G	54.89	74.00	-19.11	31.22	3	Vertical	71	1.08

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

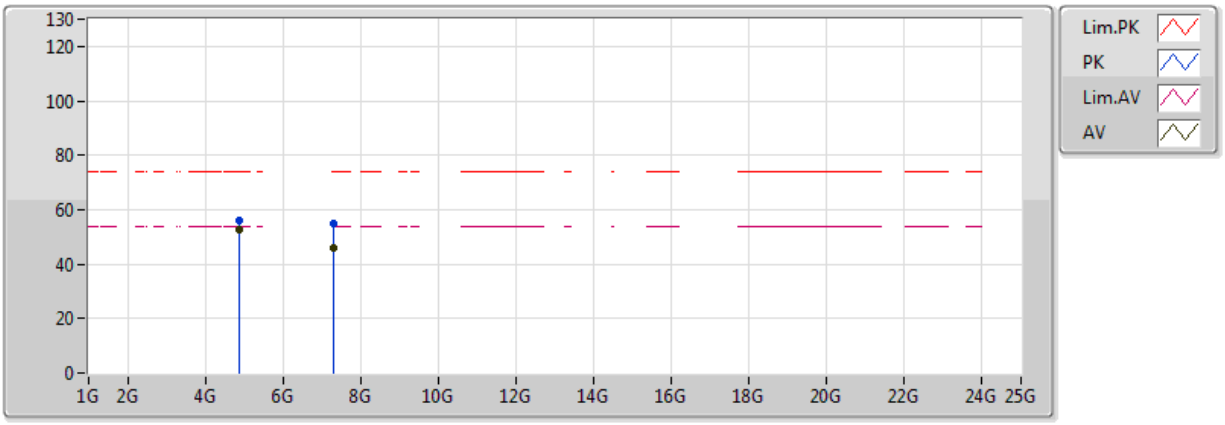


20171216
EUT Z_2TX
Setting 21
01-J-1
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3898G	42.40	54.00	-11.60	30.96	3	Horizontal	319	2.00
AV	2.4362G	104.39	Inf	-Inf	31.03	3	Horizontal	319	2.00
AV	2.499998G	42.76	54.00	-11.24	31.22	3	Horizontal	319	2.00
PK	2.389G	55.18	74.00	-18.82	30.96	3	Horizontal	319	2.00
PK	2.4378G	108.28	Inf	-Inf	31.04	3	Horizontal	319	2.00
PK	2.491G	55.27	74.00	-18.73	31.19	3	Horizontal	319	2.00

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

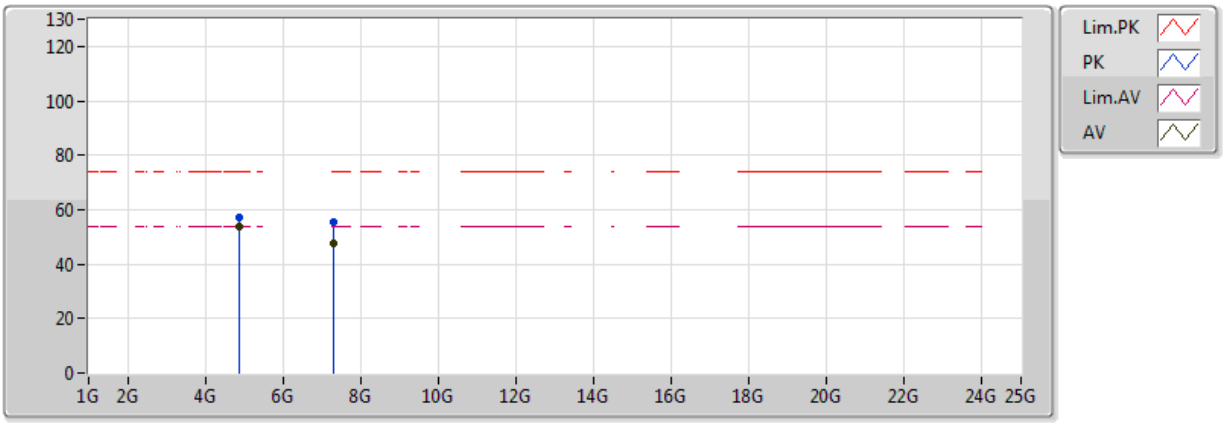


20171216
EUT Z_2TX
Setting 21
01-J-1
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.874G	52.88	54.00	-1.12	4.14	3	Vertical	80	2.46
AV	7.31176G	45.87	54.00	-8.13	9.66	3	Vertical	257	1.48
PK	4.87398G	56.09	74.00	-17.91	4.14	3	Vertical	80	2.46
PK	7.311924G	55.08	74.00	-18.92	9.66	3	Vertical	257	1.48

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

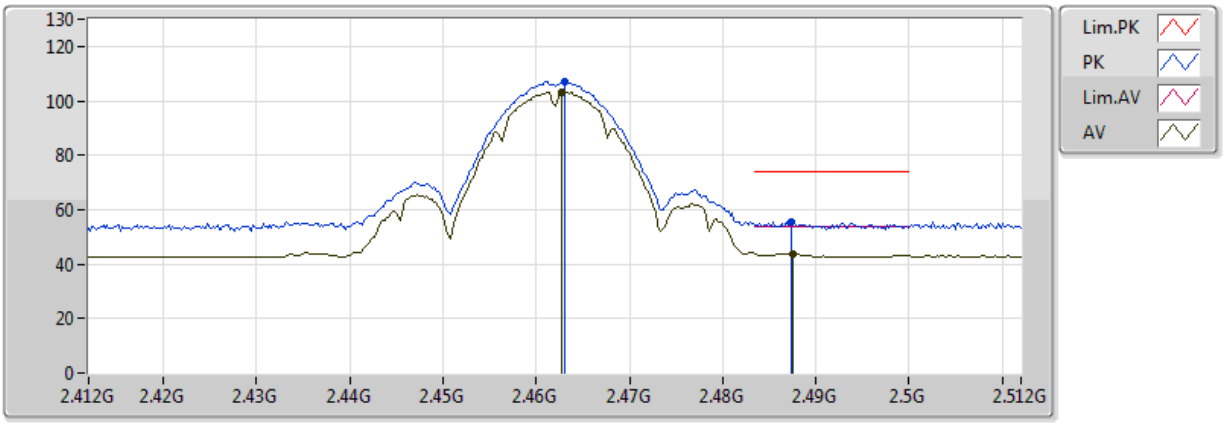


20171216
EUT Z_2TX
Setting 21
01-J-1
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.87398G	53.98	54.00	-0.02	4.14	3	Horizontal	296	1.96
AV	7.310308G	47.42	54.00	-6.58	9.66	3	Horizontal	199	1.54
PK	4.874G	56.92	74.00	-17.08	4.14	3	Horizontal	296	1.96
PK	7.310036G	55.53	74.00	-18.47	9.66	3	Horizontal	199	1.54

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

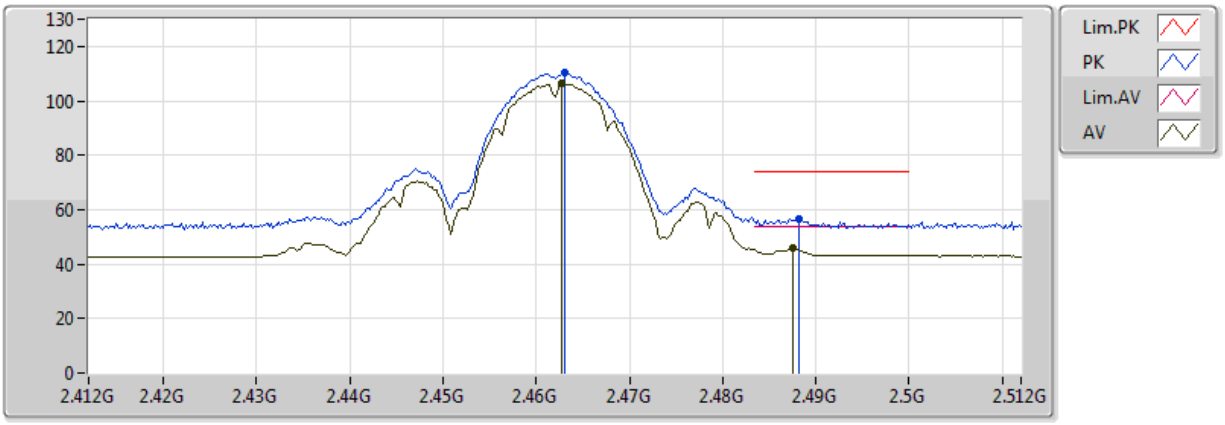


20171216
EUT Z_2TX
Setting 20
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4628G	103.23	Inf	-Inf	31.11	3	Vertical	102	1.05
AV	2.4876G	43.95	54.00	-10.05	31.18	3	Vertical	102	1.05
PK	2.463G	107.28	Inf	-Inf	31.11	3	Vertical	102	1.05
PK	2.4874G	55.37	74.00	-18.63	31.18	3	Vertical	102	1.05

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

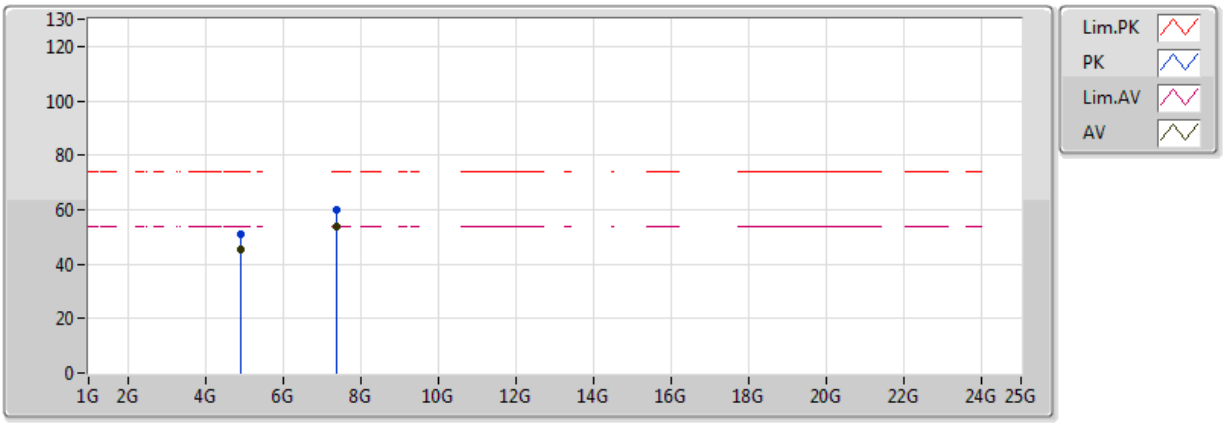


20171216
EUT Z_2TX
Setting 20
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4628G	106.22	Inf	-Inf	31.11	3	Horizontal	247	2.01
AV	2.4876G	45.77	54.00	-8.23	31.18	3	Horizontal	247	2.01
PK	2.463G	110.22	Inf	-Inf	31.11	3	Horizontal	247	2.01
PK	2.4882G	56.72	74.00	-17.28	31.19	3	Horizontal	247	2.01

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

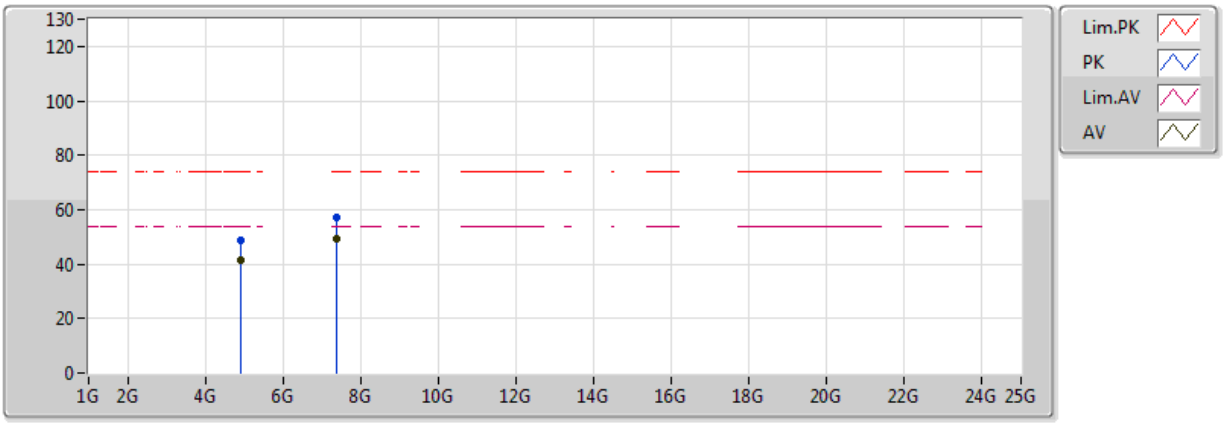


20171216
EUT Z_2TX
Setting 20
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.924012G	45.38	54.00	-8.62	4.34	3	Vertical	265	1.76
AV	7.386744G	53.77	54.00	-0.23	9.68	3	Vertical	102	2.34
PK	4.92406G	51.06	74.00	-22.94	4.34	3	Vertical	265	1.76
PK	7.387008G	59.80	74.00	-14.20	9.68	3	Vertical	102	2.34

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

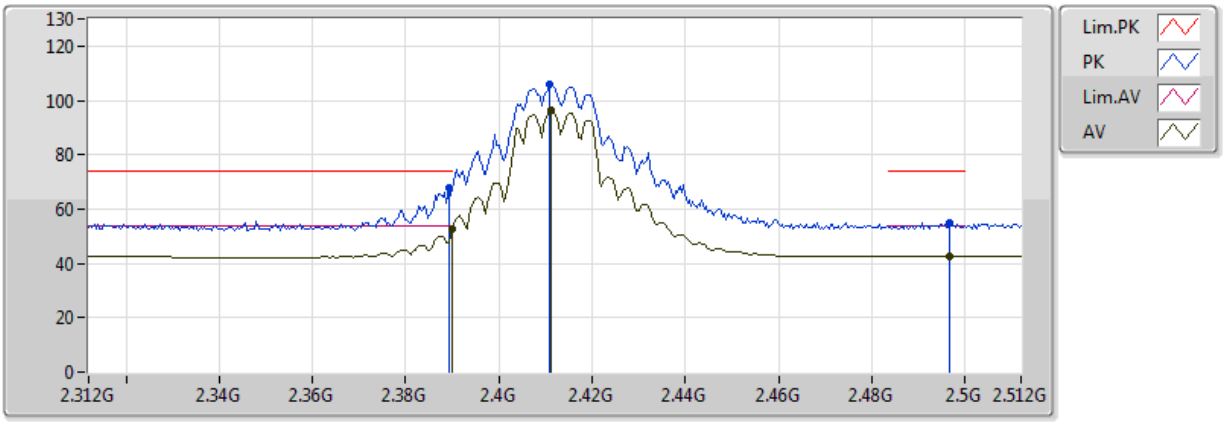


20171216
EUT Z_2TX
Setting 20
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.924012G	41.49	54.00	-12.51	4.34	3	Horizontal	277	1.79
AV	7.386728G	49.43	54.00	-4.57	9.68	3	Horizontal	202	1.64
PK	4.924236G	49.00	74.00	-25.00	4.34	3	Horizontal	277	1.79
PK	7.386856G	57.28	74.00	-16.72	9.68	3	Horizontal	202	1.64

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

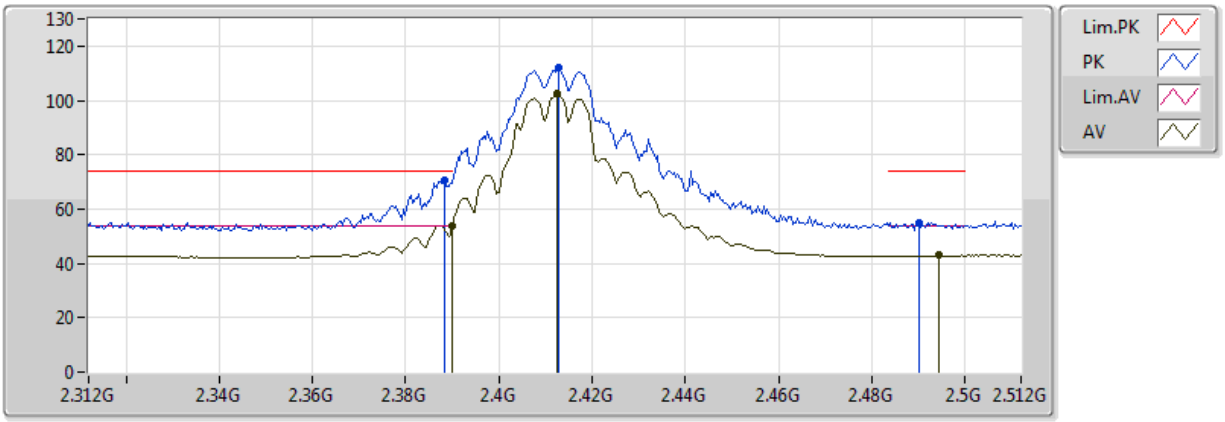


20171216
EUT Z_2TX
Setting 25
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	52.77	54.00	-1.23	30.96	3	Vertical	72	1.54
AV	2.4112G	96.35	Inf	-Inf	30.96	3	Vertical	72	1.54
AV	2.4968G	42.85	54.00	-11.15	31.21	3	Vertical	72	1.54
PK	2.3892G	67.91	74.00	-6.09	30.96	3	Vertical	72	1.54
PK	2.4108G	105.81	Inf	-Inf	30.96	3	Vertical	72	1.54
PK	2.4968G	55.13	74.00	-18.87	31.21	3	Vertical	72	1.54

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

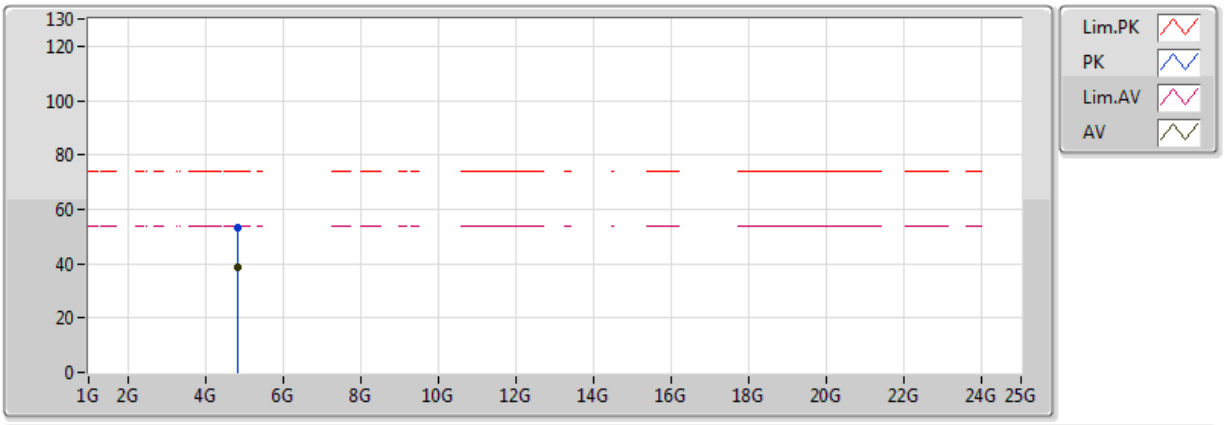


20171216
EUT Z_2TX
Setting 25
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	53.85	54.00	-0.15	30.96	3	Horizontal	199	1.95
AV	2.4124G	102.45	Inf	-Inf	30.97	3	Horizontal	199	1.95
AV	2.4944G	42.89	54.00	-11.11	31.20	3	Horizontal	199	1.95
PK	2.3884G	70.33	74.00	-3.67	30.96	3	Horizontal	199	1.95
PK	2.4128G	112.14	Inf	-Inf	30.97	3	Horizontal	199	1.95
PK	2.49G	55.11	74.00	-18.89	31.19	3	Horizontal	199	1.95

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

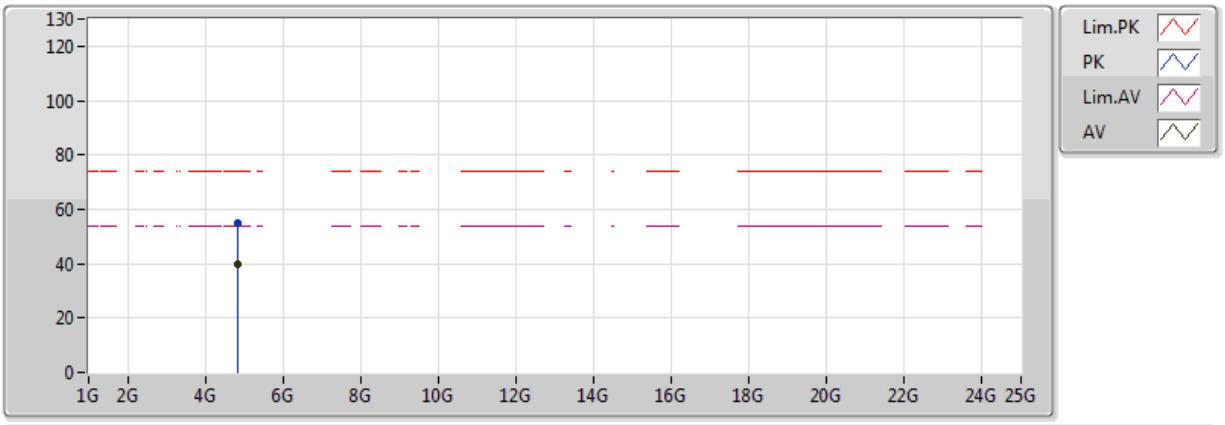


20171216
EUT Z_2TX
Setting 25
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.823902G	38.56	54.00	-15.44	3.94	3	Vertical	78	2.32
PK	4.823482G	53.09	74.00	-20.91	3.94	3	Vertical	78	2.32

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

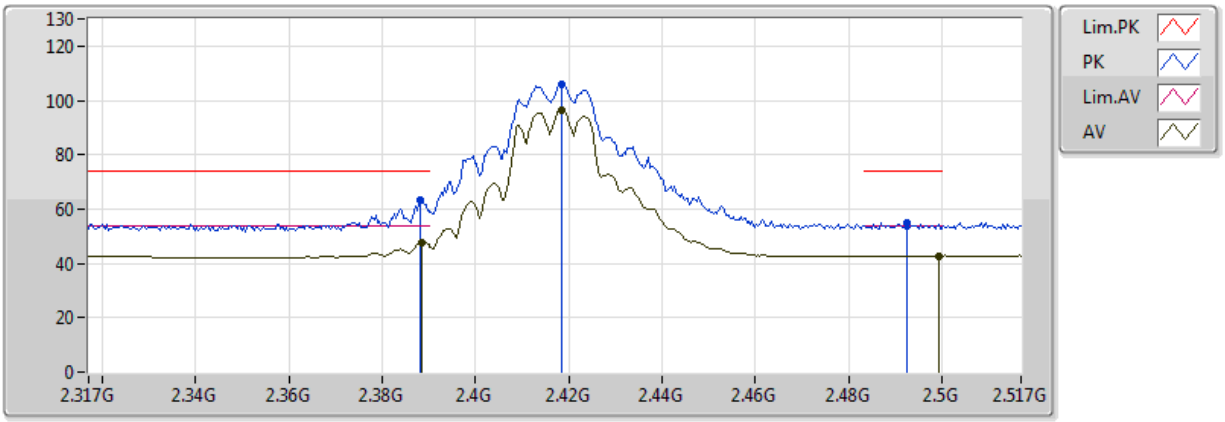


20171216
EUT Z_2TX
Setting 25
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.823482G	40.03	54.00	-13.97	3.94	3	Horizontal	279	1.92
PK	4.823342G	54.83	74.00	-19.17	3.94	3	Horizontal	279	1.92

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

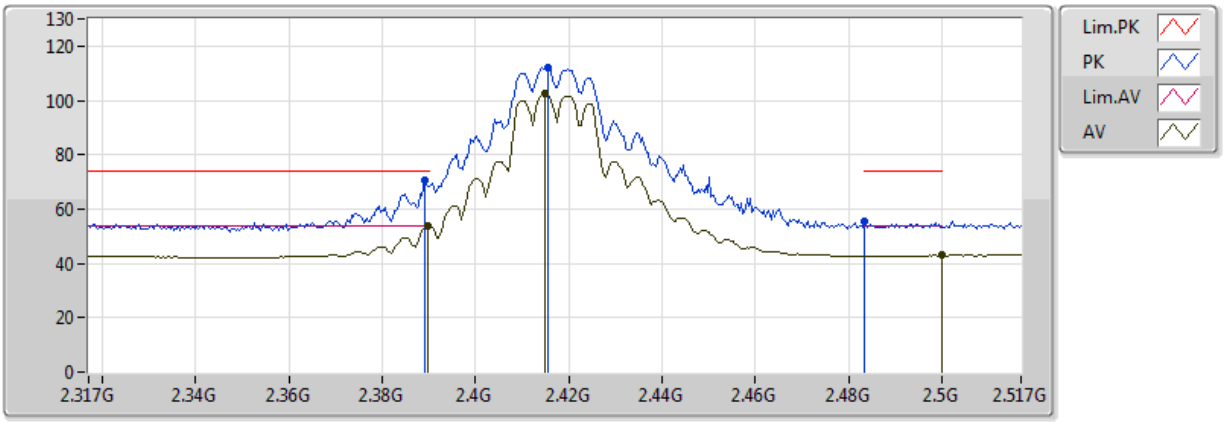


20171216
EUT Z_2TX
Setting 26
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3886G	47.89	54.00	-6.11	30.96	3	Vertical	71	1.74
AV	2.4186G	96.48	Inf	-Inf	30.98	3	Vertical	71	1.74
AV	2.4994G	42.84	54.00	-11.16	31.22	3	Vertical	71	1.74
PK	2.3882G	63.57	74.00	-10.43	30.97	3	Vertical	71	1.74
PK	2.4186G	105.95	Inf	-Inf	30.98	3	Vertical	71	1.74
PK	2.4926G	55.08	74.00	-18.92	31.20	3	Vertical	71	1.74

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

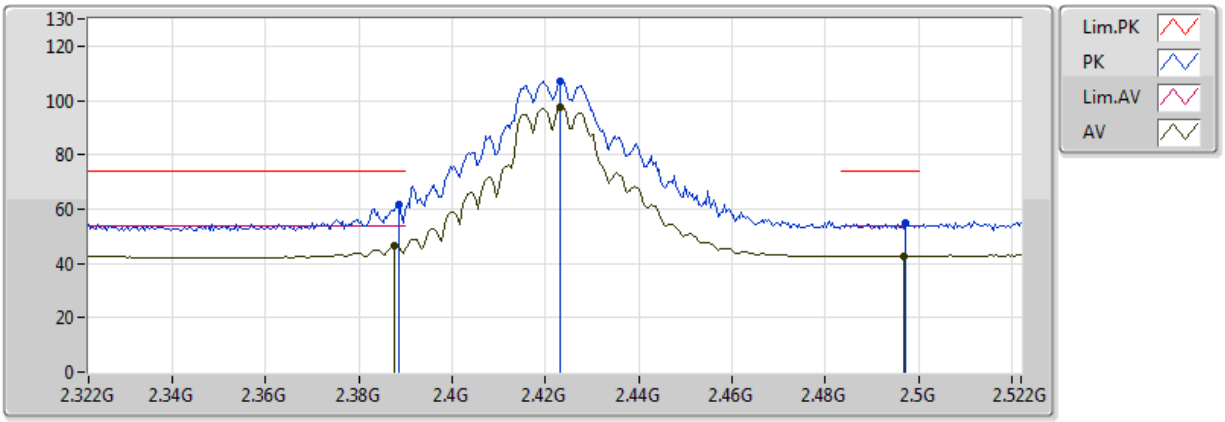


20171216
EUT Z_2TX
Setting 26
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3898G	53.79	54.00	-0.21	30.96	3	Horizontal	200	1.97
AV	2.415G	102.51	Inf	-Inf	30.97	3	Horizontal	200	1.97
AV	2.499998G	42.91	54.00	-11.09	31.22	3	Horizontal	200	1.97
PK	2.389G	70.39	74.00	-3.61	30.96	3	Horizontal	200	1.97
PK	2.4154G	112.30	Inf	-Inf	30.97	3	Horizontal	200	1.97
PK	2.483502G	55.62	74.00	-18.38	31.17	3	Horizontal	200	1.97

802.11g_Nss1,(6Mbps)_2TX

2422MHz_TX

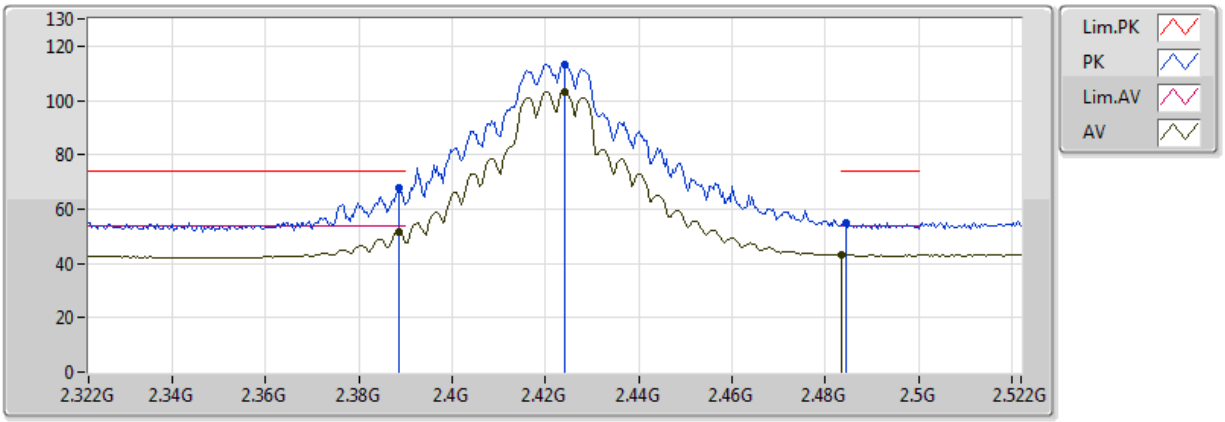


20171216
EUT Z_2TX
Setting 29
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3876G	46.63	54.00	-7.37	30.97	3	Vertical	73	1.73
AV	2.4232G	97.34	Inf	-Inf	31.00	3	Vertical	73	1.73
AV	2.4968G	42.78	54.00	-11.22	31.21	3	Vertical	73	1.73
PK	2.3884G	61.41	74.00	-12.59	30.96	3	Vertical	73	1.73
PK	2.4232G	107.14	Inf	-Inf	31.00	3	Vertical	73	1.73
PK	2.4972G	55.15	74.00	-18.85	31.21	3	Vertical	73	1.73

802.11g_Nss1,(6Mbps)_2TX

2422MHz_TX

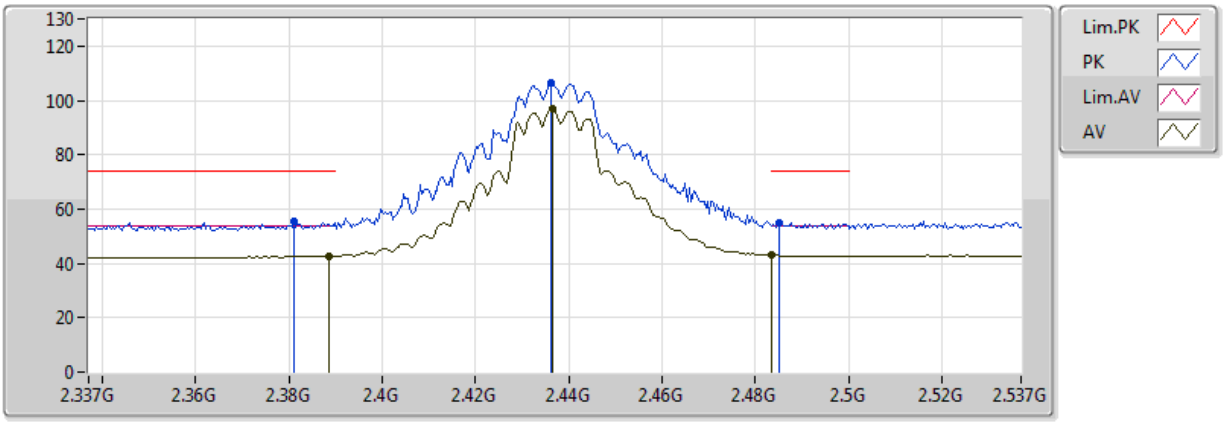


20171216
EUT Z_2TX
Setting 29
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3884G	51.83	54.00	-2.17	30.96	3	Horizontal	198	2.25
AV	2.424G	103.23	Inf	-Inf	31.00	3	Horizontal	198	2.25
AV	2.4836G	42.97	54.00	-11.03	31.17	3	Horizontal	198	2.25
PK	2.3884G	67.97	74.00	-6.03	30.96	3	Horizontal	198	2.25
PK	2.424G	113.14	Inf	-Inf	31.00	3	Horizontal	198	2.25
PK	2.4844G	54.93	74.00	-19.07	31.17	3	Horizontal	198	2.25

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

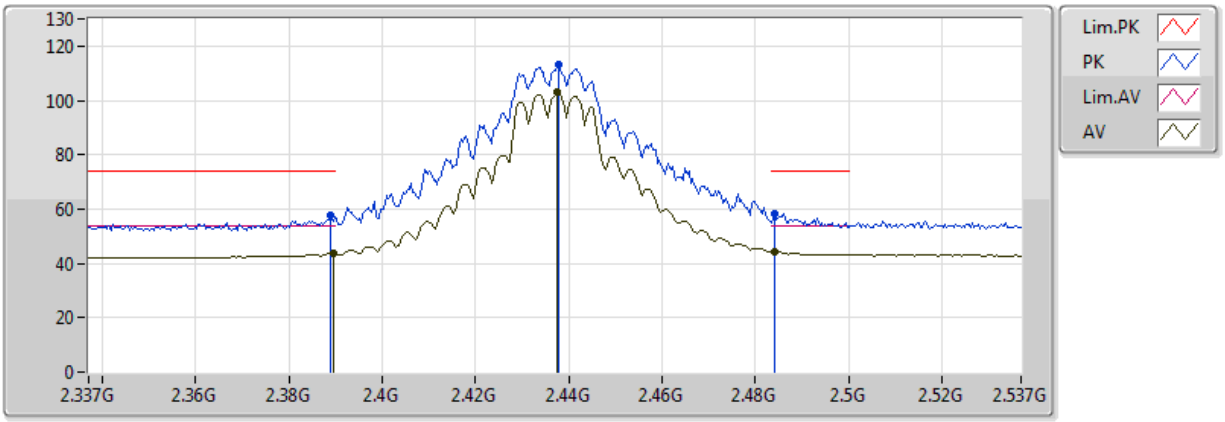


20171216
EUT Z_2TX
Setting 29
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3886G	42.77	54.00	-11.23	30.96	3	Vertical	73	1.69
AV	2.4366G	96.92	Inf	-Inf	31.04	3	Vertical	73	1.69
AV	2.483502G	43.04	54.00	-10.96	31.17	3	Vertical	73	1.69
PK	2.381G	55.67	74.00	-18.33	30.99	3	Vertical	73	1.69
PK	2.4362G	106.63	Inf	-Inf	31.03	3	Vertical	73	1.69
PK	2.485G	54.86	74.00	-19.14	31.18	3	Vertical	73	1.69

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

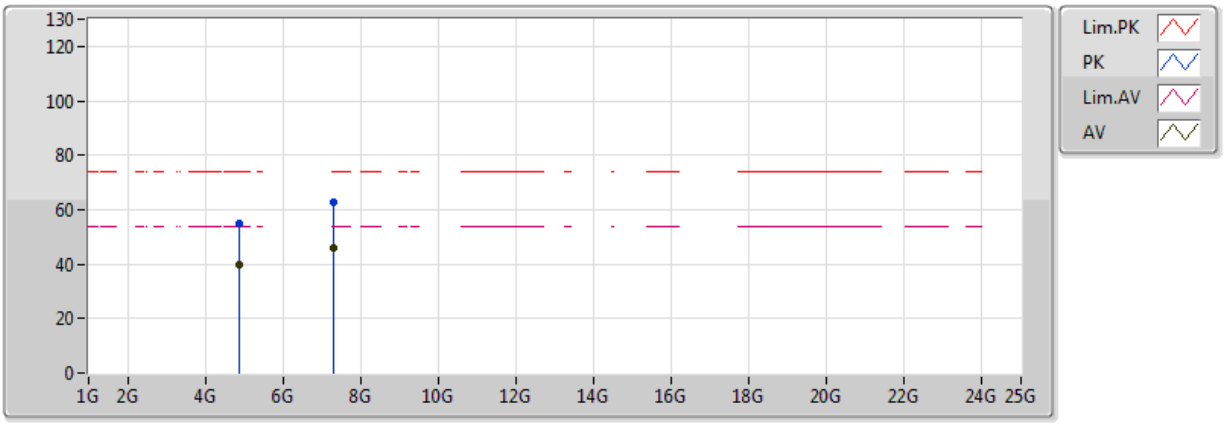


20171216
EUT Z_2TX
Setting 29
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3894G	43.93	54.00	-10.07	30.96	3	Horizontal	198	1.43
AV	2.4374G	103.05	Inf	-Inf	31.04	3	Horizontal	198	1.43
AV	2.4842G	44.27	54.00	-9.73	31.17	3	Horizontal	198	1.43
PK	2.389G	57.73	74.00	-16.27	30.96	3	Horizontal	198	1.43
PK	2.4378G	113.29	Inf	-Inf	31.04	3	Horizontal	198	1.43
PK	2.4842G	58.31	74.00	-15.69	31.17	3	Horizontal	198	1.43

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

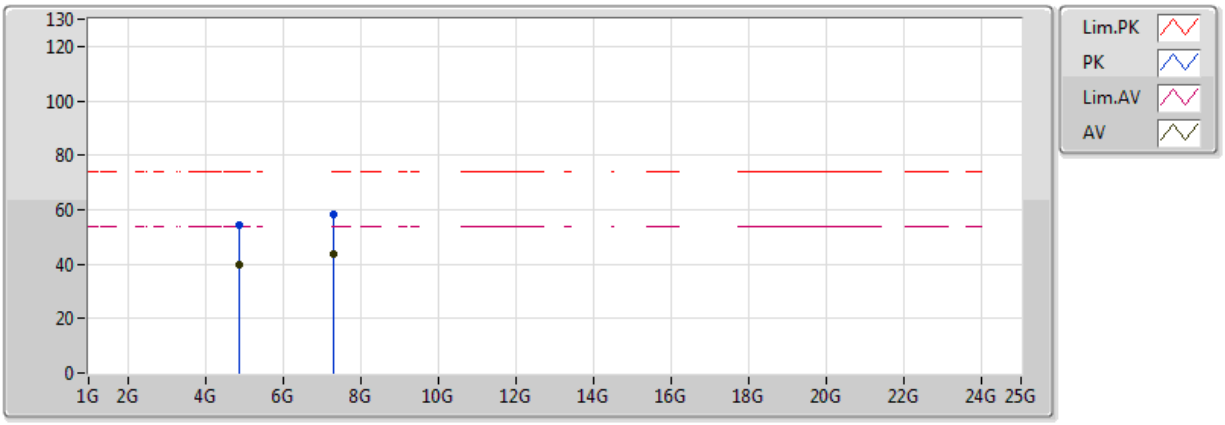


20171216
EUT Z_2TX
Setting 29
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.873496G	39.53	54.00	-14.47	4.14	3	Vertical	79	2.54
AV	7.309944G	46.16	54.00	-7.84	9.66	3	Vertical	102	2.36
PK	4.873706G	54.82	74.00	-19.18	4.14	3	Vertical	79	2.54
PK	7.309824G	62.54	74.00	-11.46	9.66	3	Vertical	102	2.36

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

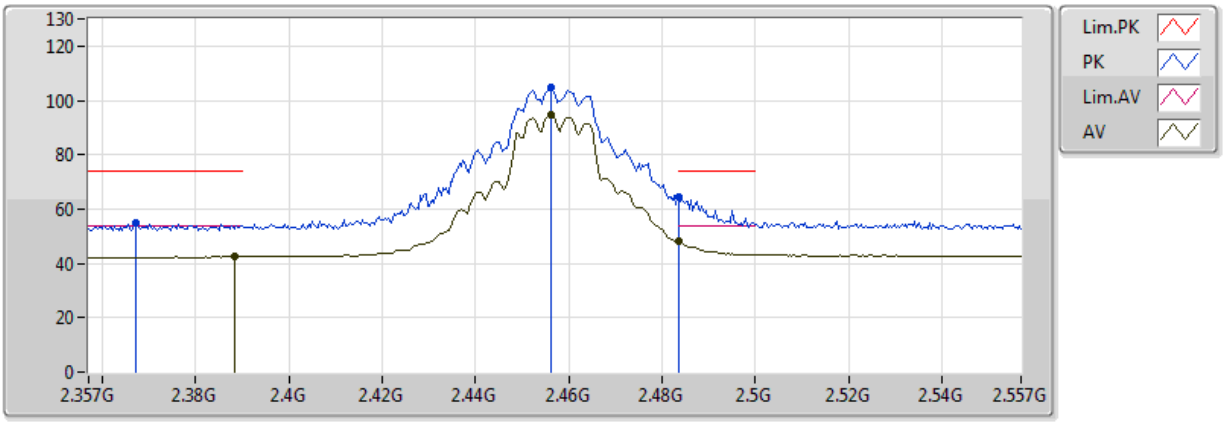


20171216
EUT Z_2TX
Setting 29
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.873384G	39.77	54.00	-14.23	4.14	3	Horizontal	294	1.80
AV	7.31009G	43.76	54.00	-10.24	9.66	3	Horizontal	203	1.66
PK	4.877374G	54.62	74.00	-19.38	4.16	3	Horizontal	294	1.80
PK	7.313926G	58.38	74.00	-15.62	9.66	3	Horizontal	203	1.66

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

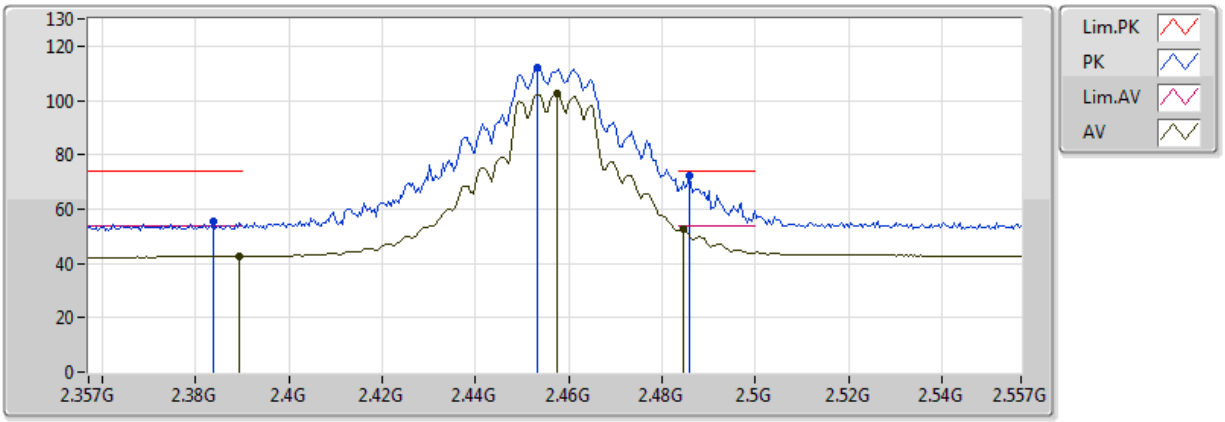


20171216
EUT Z_2TX
Setting 29
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3882G	42.39	54.00	-11.61	30.97	3	Vertical	70	1.50
AV	2.4562G	94.96	Inf	-Inf	31.09	3	Vertical	70	1.50
AV	2.483502G	48.20	54.00	-5.80	31.17	3	Vertical	70	1.50
PK	2.367G	54.88	74.00	-19.12	31.03	3	Vertical	70	1.50
PK	2.4562G	104.67	Inf	-Inf	31.09	3	Vertical	70	1.50
PK	2.483502G	64.45	74.00	-9.55	31.17	3	Vertical	70	1.50

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

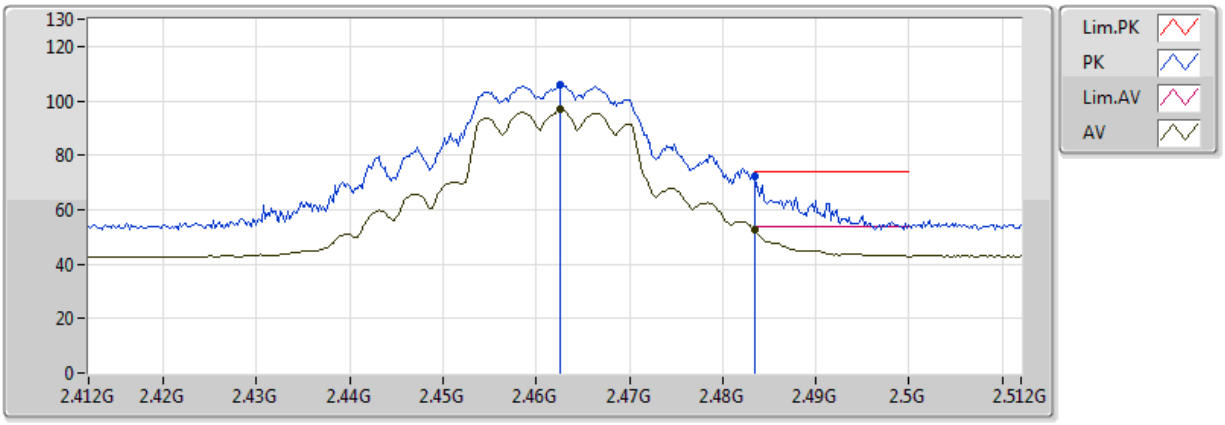


20171216
EUT Z_2TX
Setting 29
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3894G	42.63	54.00	-11.37	30.96	3	Horizontal	196	1.95
AV	2.4574G	102.42	Inf	-Inf	31.10	3	Horizontal	196	1.95
AV	2.4846G	52.66	54.00	-1.34	31.18	3	Horizontal	196	1.95
PK	2.3838G	55.46	74.00	-18.54	30.98	3	Horizontal	196	1.95
PK	2.4534G	112.03	Inf	-Inf	31.08	3	Horizontal	196	1.95
PK	2.4858G	72.18	74.00	-1.82	31.18	3	Horizontal	196	1.95

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

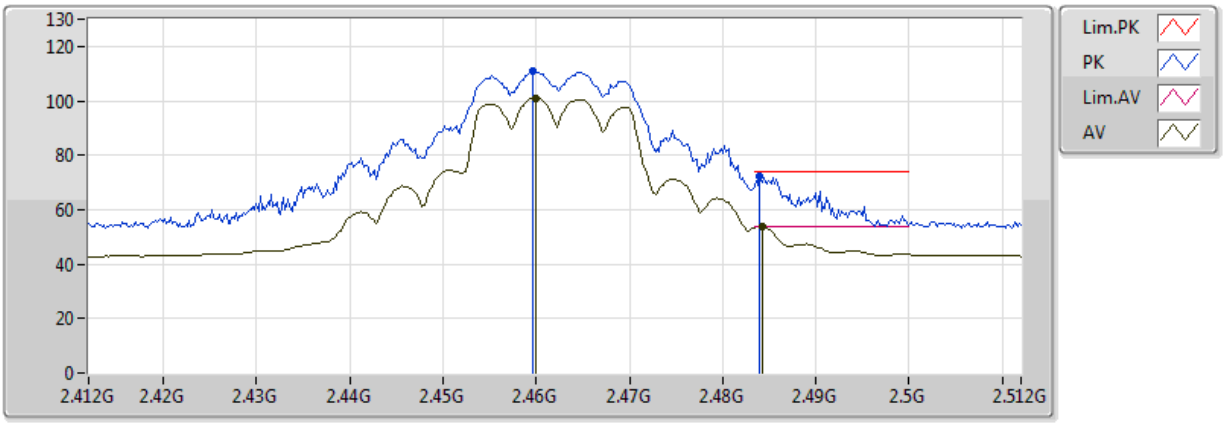


20171216
EUT Z_2TX
Setting 21
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4626G	96.78	Inf	-Inf	31.11	3	Vertical	104	1.08
AV	2.483502G	52.88	54.00	-1.12	31.17	3	Vertical	104	1.08
PK	2.4626G	105.72	Inf	-Inf	31.11	3	Vertical	104	1.08
PK	2.483502G	72.24	74.00	-1.76	31.17	3	Vertical	104	1.08

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

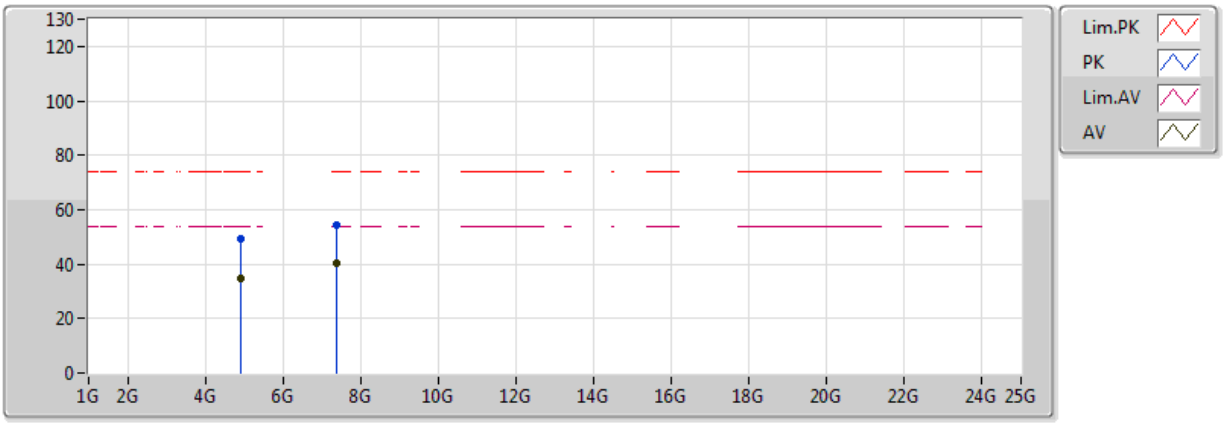


20171216
EUT Z_2TX
Setting 21
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.46G	101.06	Inf	-Inf	31.10	3	Horizontal	200	1.32
AV	2.4842G	53.86	54.00	-0.14	31.17	3	Horizontal	200	1.32
PK	2.4596G	110.76	Inf	-Inf	31.10	3	Horizontal	200	1.32
PK	2.484G	72.34	74.00	-1.66	31.17	3	Horizontal	200	1.32

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

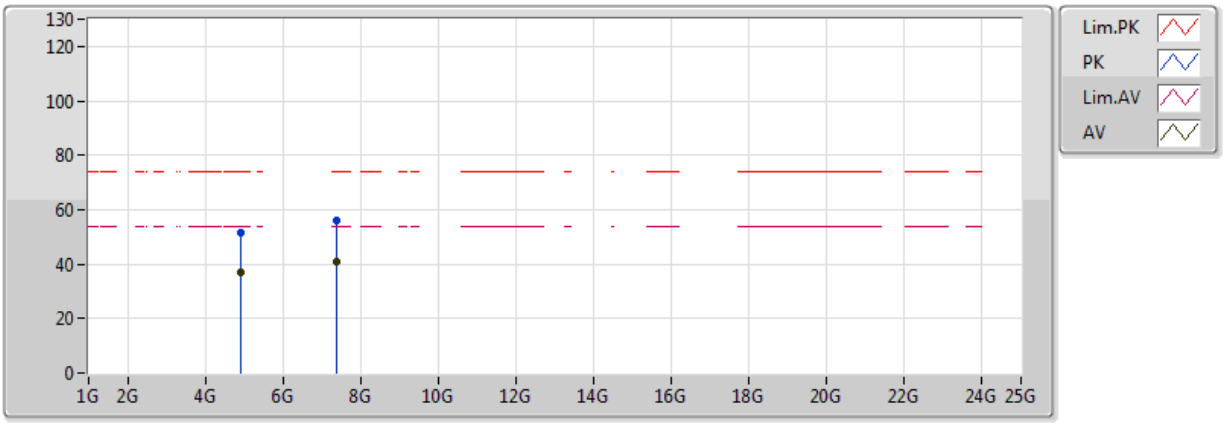


20171216
EUT Z_2TX
Setting 21
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.922894G	34.79	54.00	-19.21	4.34	3	Vertical	66	1.55
AV	7.387022G	40.25	54.00	-13.75	9.68	3	Vertical	215	1.50
PK	4.922712G	49.10	74.00	-24.90	4.34	3	Vertical	66	1.55
PK	7.387064G	54.59	74.00	-19.41	9.68	3	Vertical	215	1.50

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

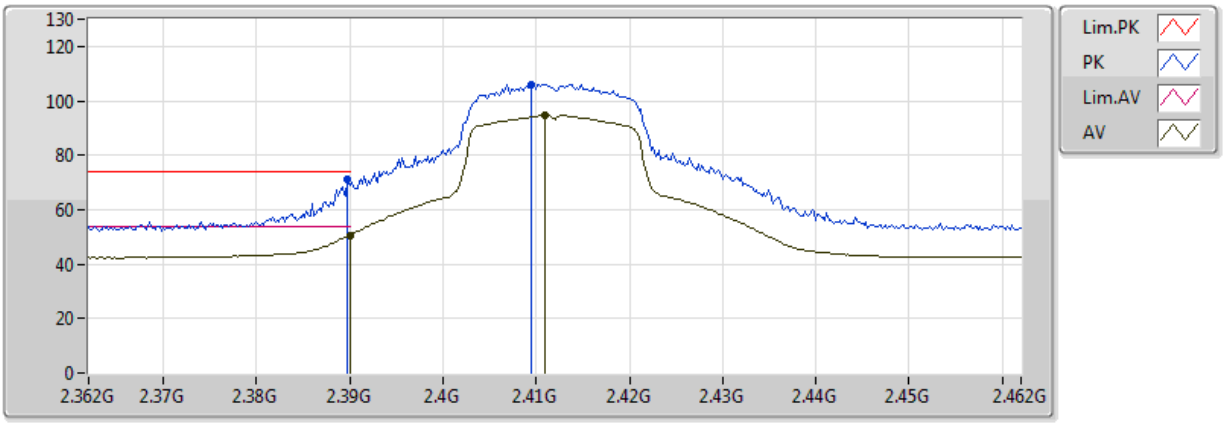


20171216
EUT Z_2TX
Setting 21
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.923568G	36.89	54.00	-17.11	4.34	3	Horizontal	292	1.87
AV	7.386624G	40.69	54.00	-13.31	9.68	3	Horizontal	203	1.50
PK	4.927488G	51.29	74.00	-22.71	4.36	3	Horizontal	292	1.87
PK	7.386624G	55.77	74.00	-18.23	9.68	3	Horizontal	203	1.50

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

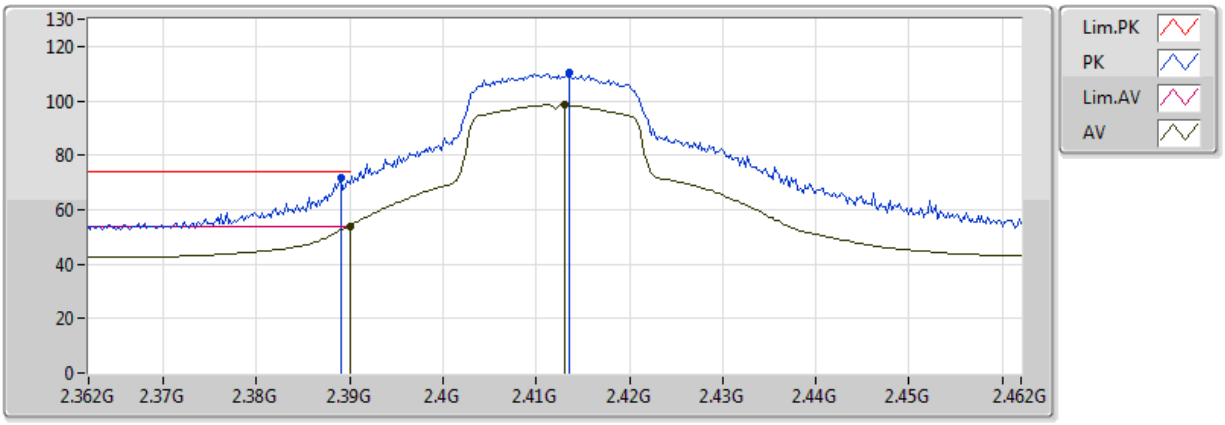


20171216
EUT Z_2TX
Setting 24
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	50.71	54.00	-3.29	30.96	3	Vertical	133	1.08
AV	2.411G	94.74	Inf	-Inf	30.96	3	Vertical	133	1.08
PK	2.3898G	70.89	74.00	-3.11	30.96	3	Vertical	133	1.08
PK	2.4094G	106.11	Inf	-Inf	30.96	3	Vertical	133	1.08

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

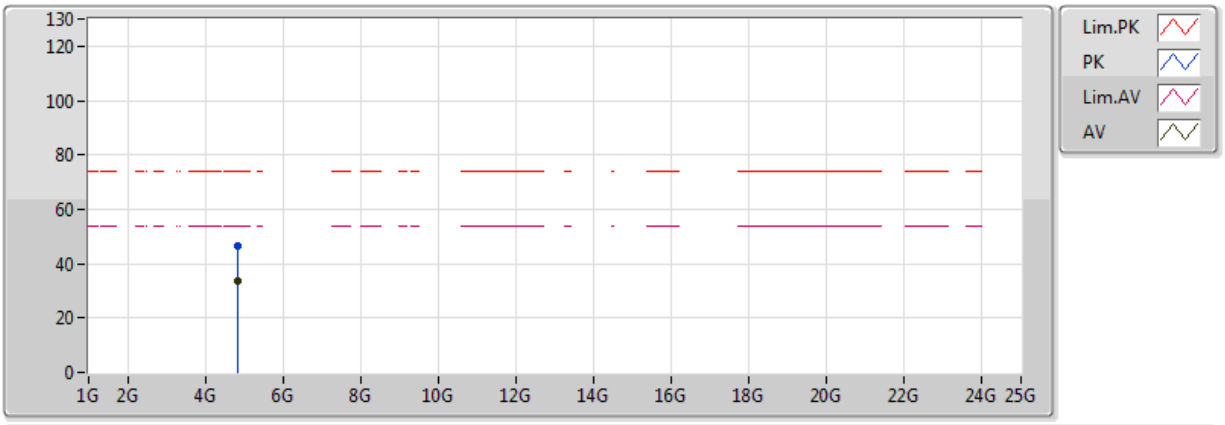


20171216
EUT Z_2TX
Setting 24
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	53.97	54.00	-0.03	30.96	3	Horizontal	197	1.95
AV	2.413G	98.69	Inf	-Inf	30.97	3	Horizontal	197	1.95
PK	2.389G	71.70	74.00	-2.30	30.96	3	Horizontal	197	1.95
PK	2.4136G	110.17	Inf	-Inf	30.97	3	Horizontal	197	1.95

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

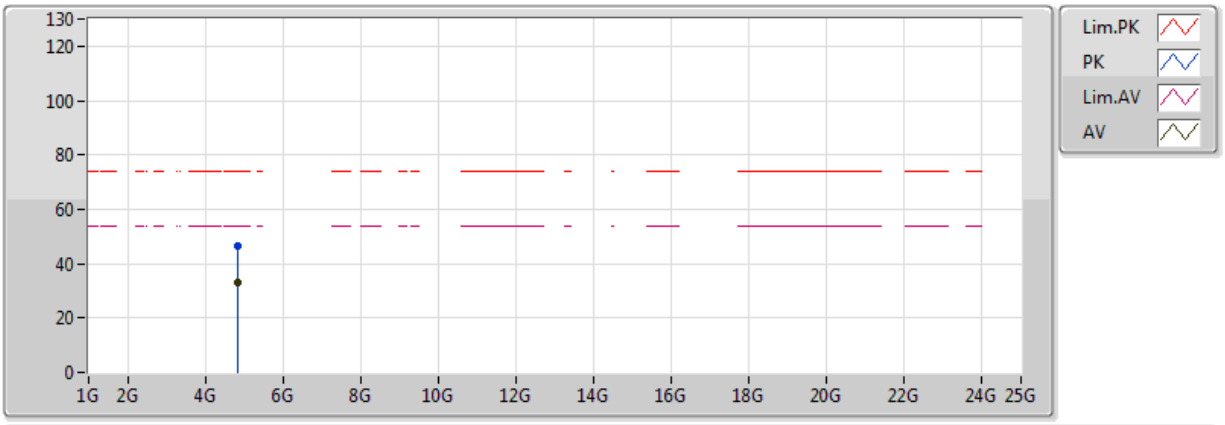


20171216
EUT Z_2TX
Setting 24
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.824472G	33.56	54.00	-20.44	3.94	3	Vertical	269	2.11
PK	4.8232G	46.65	74.00	-27.35	3.94	3	Vertical	269	2.11

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

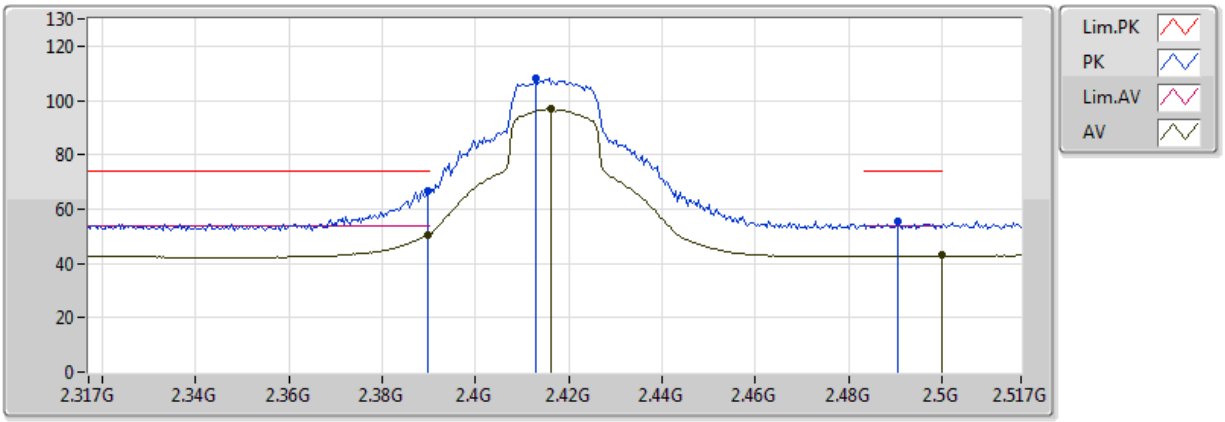


20171216
EUT Z_2TX
Setting 24
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.824244G	33.23	54.00	-20.77	3.94	3	Horizontal	71	1.86
PK	4.823356G	46.44	74.00	-27.56	3.94	3	Horizontal	71	1.86

802.11n HT20_Nss1,(MCS0)_2TX

2417MHz_TX

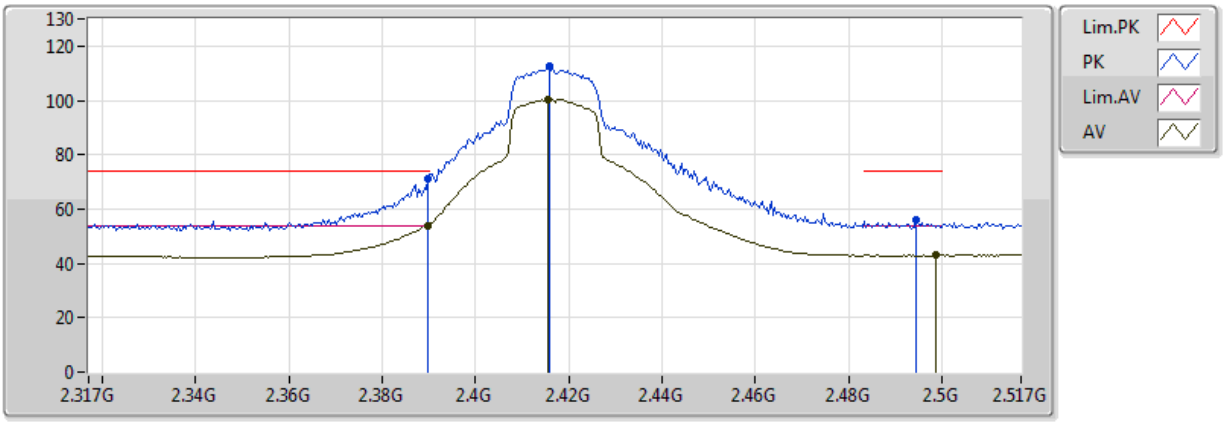


20171216
EUT Z_2TX
Setting 29
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3898G	50.23	54.00	-3.77	30.96	3	Vertical	134	1.08
AV	2.4162G	96.89	Inf	-Inf	30.98	3	Vertical	134	1.08
AV	2.499998G	42.92	54.00	-11.08	31.22	3	Vertical	134	1.08
PK	2.3898G	66.61	74.00	-7.39	30.96	3	Vertical	134	1.08
PK	2.413G	107.95	Inf	-Inf	30.97	3	Vertical	134	1.08
PK	2.4906G	55.25	74.00	-18.75	31.19	3	Vertical	134	1.08

802.11n HT20_Nss1,(MCS0)_2TX

2417MHz_TX

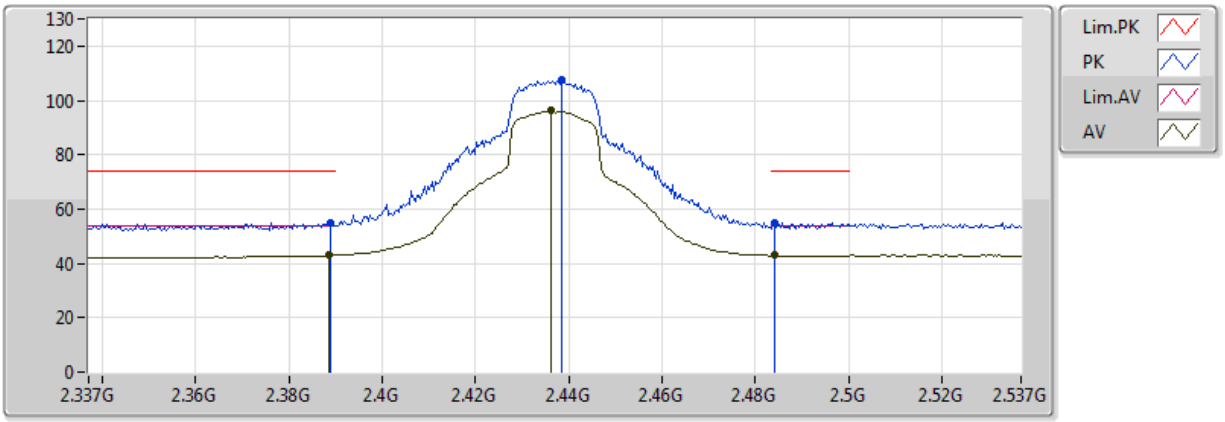


20171216
EUT Z_2TX
Setting 29
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3898G	53.97	54.00	-0.03	30.96	3	Horizontal	200	1.93
AV	2.4154G	100.45	Inf	-Inf	30.97	3	Horizontal	200	1.93
AV	2.4986G	42.92	54.00	-11.08	31.22	3	Horizontal	200	1.93
PK	2.3898G	70.96	74.00	-3.04	30.96	3	Horizontal	200	1.93
PK	2.4158G	112.84	Inf	-Inf	30.98	3	Horizontal	200	1.93
PK	2.4946G	55.81	74.00	-18.19	31.20	3	Horizontal	200	1.93

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

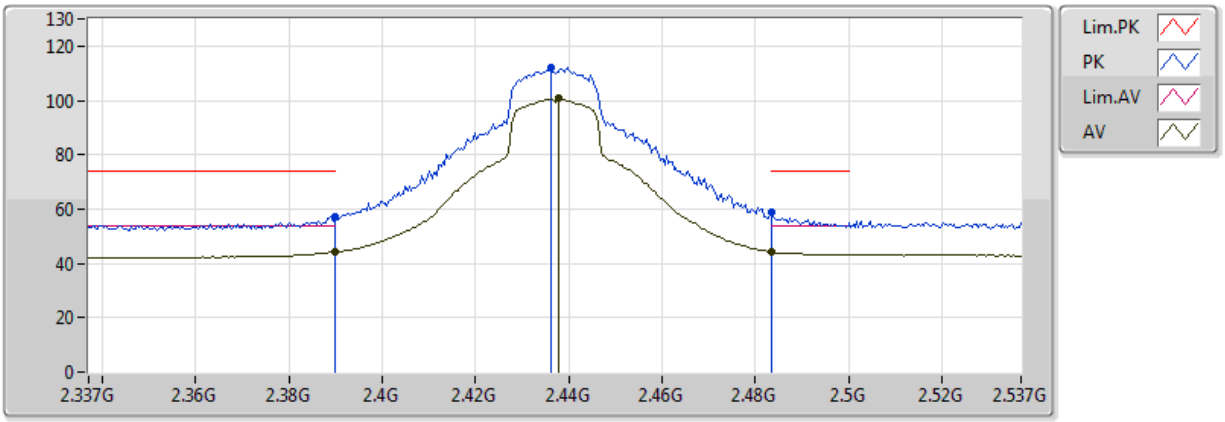


20171216
EUT Z_2TX
Setting 29
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3886G	42.94	54.00	-11.06	30.96	3	Vertical	132	1.01
AV	2.4362G	96.25	Inf	-Inf	31.03	3	Vertical	132	1.01
AV	2.4842G	42.87	54.00	-11.13	31.17	3	Vertical	132	1.01
PK	2.389G	55.14	74.00	-18.86	30.96	3	Vertical	132	1.01
PK	2.4386G	107.67	Inf	-Inf	31.04	3	Vertical	132	1.01
PK	2.4842G	54.95	74.00	-19.05	31.17	3	Vertical	132	1.01

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

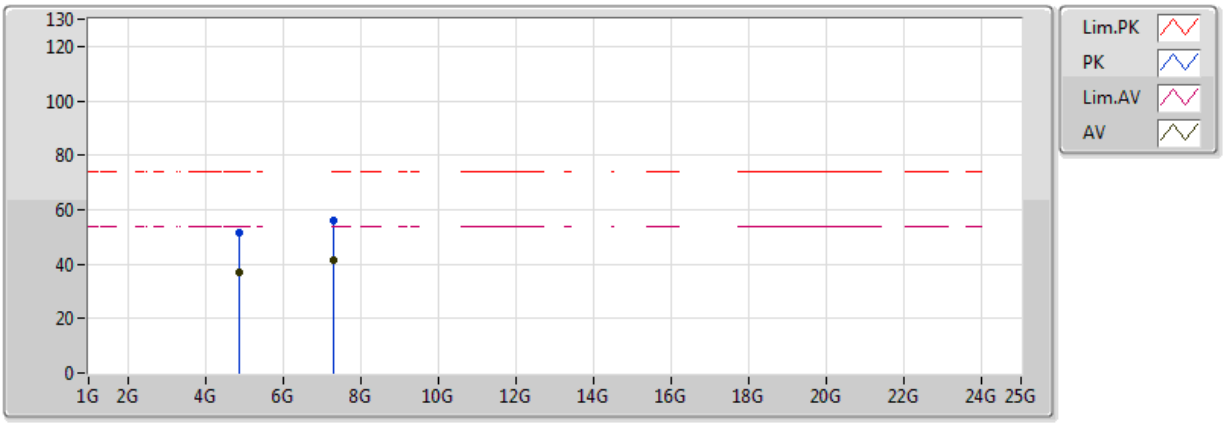


20171216
EUT Z_2TX
Setting 29
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3898G	44.25	54.00	-9.75	30.96	3	Horizontal	197	1.98
AV	2.4378G	100.66	Inf	-Inf	31.04	3	Horizontal	197	1.98
AV	2.483502G	44.25	54.00	-9.75	31.17	3	Horizontal	197	1.98
PK	2.3898G	57.29	74.00	-16.71	30.96	3	Horizontal	197	1.98
PK	2.4362G	112.19	Inf	-Inf	31.03	3	Horizontal	197	1.98
PK	2.483502G	59.06	74.00	-14.94	31.17	3	Horizontal	197	1.98

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

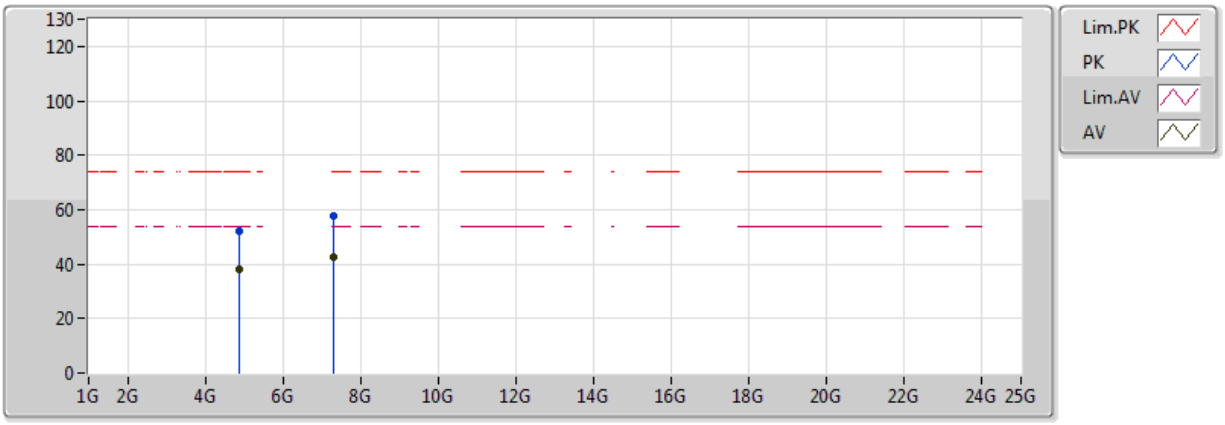


20171216
EUT Z_2TX
Setting 29
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.87416G	36.99	54.00	-17.01	4.14	3	Vertical	281	1.94
AV	7.309624G	41.36	54.00	-12.64	9.66	3	Vertical	254	1.65
PK	4.875424G	51.57	74.00	-22.43	4.15	3	Vertical	281	1.94
PK	7.3122G	56.20	74.00	-17.80	9.66	3	Vertical	254	1.65

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

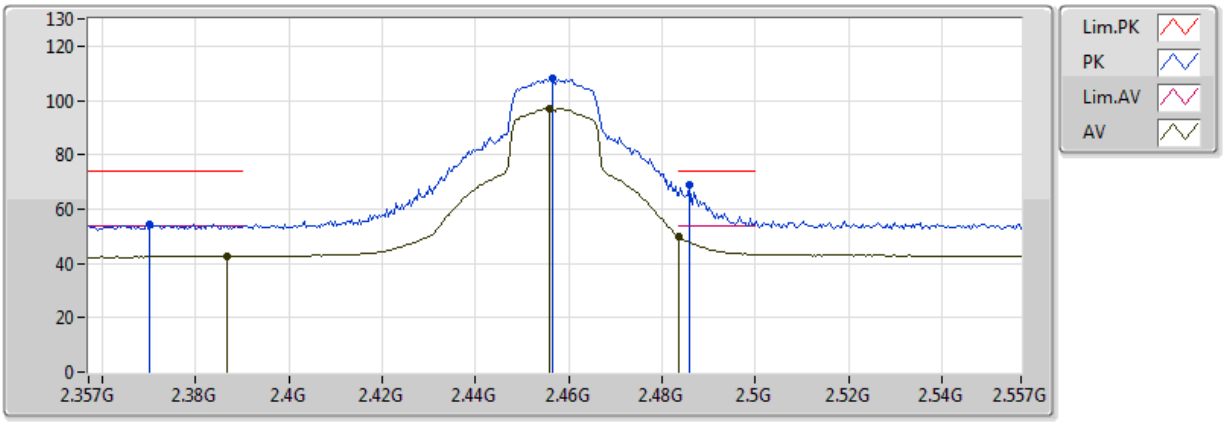


20171216
EUT Z_2TX
Setting 29
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.874128G	37.98	54.00	-16.02	4.14	3	Horizontal	281	1.78
AV	7.31156G	42.54	54.00	-11.46	9.66	3	Horizontal	198	1.65
PK	4.872032G	52.07	74.00	-21.93	4.14	3	Horizontal	281	1.78
PK	7.311176G	57.93	74.00	-16.07	9.66	3	Horizontal	198	1.65

802.11n HT20_Nss1,(MCS0)_2TX

2457MHz_TX

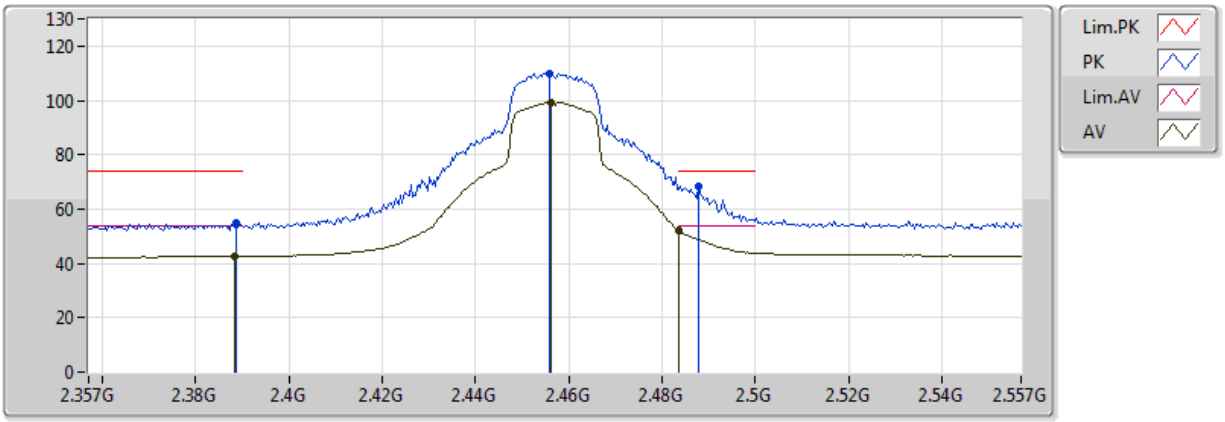


20171216
EUT Z_2TX
Setting 29
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3866G	42.62	54.00	-11.38	30.97	3	Vertical	177	2.58
AV	2.4558G	97.11	Inf	-Inf	31.09	3	Vertical	177	2.58
AV	2.483502G	49.67	54.00	-4.33	31.17	3	Vertical	177	2.58
PK	2.3702G	54.44	74.00	-19.56	31.02	3	Vertical	177	2.58
PK	2.4566G	107.97	Inf	-Inf	31.09	3	Vertical	177	2.58
PK	2.4858G	68.84	74.00	-5.16	31.18	3	Vertical	177	2.58

802.11n HT20_Nss1,(MCS0)_2TX

2457MHz_TX

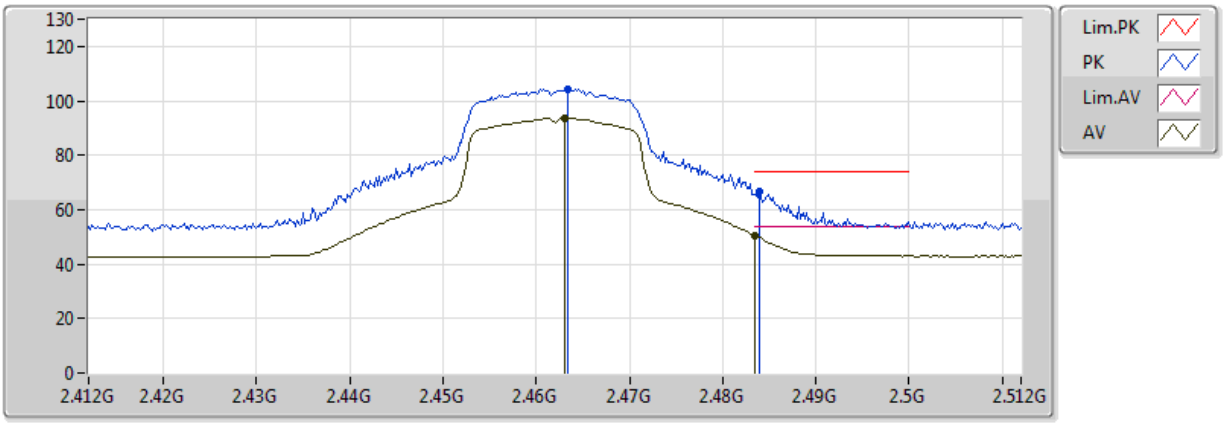


20171216
EUT Z_2TX
Setting 29
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3882G	42.61	54.00	-11.39	30.97	3	Horizontal	195	1.96
AV	2.4562G	99.28	Inf	-Inf	31.09	3	Horizontal	195	1.96
AV	2.483502G	52.12	54.00	-1.88	31.17	3	Horizontal	195	1.96
PK	2.3886G	54.65	74.00	-19.35	30.96	3	Horizontal	195	1.96
PK	2.4558G	109.82	Inf	-Inf	31.09	3	Horizontal	195	1.96
PK	2.4878G	68.51	74.00	-5.49	31.18	3	Horizontal	195	1.96

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

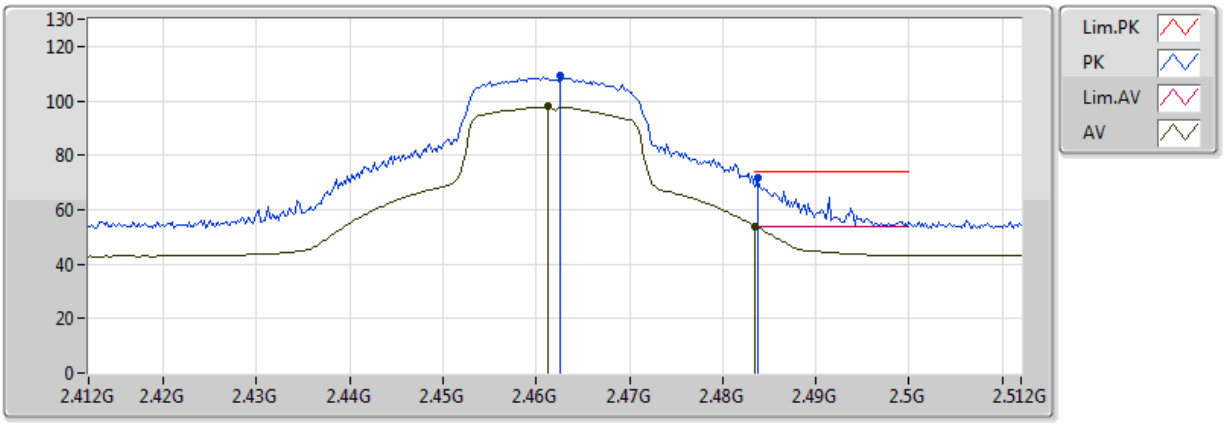


20171216
EUT Z_2TX
Setting 21
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.463G	93.72	Inf	-Inf	31.11	3	Vertical	102	1.04
AV	2.483502G	50.44	54.00	-3.56	31.17	3	Vertical	102	1.04
PK	2.4634G	104.10	Inf	-Inf	31.11	3	Vertical	102	1.04
PK	2.484G	66.52	74.00	-7.48	31.17	3	Vertical	102	1.04

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

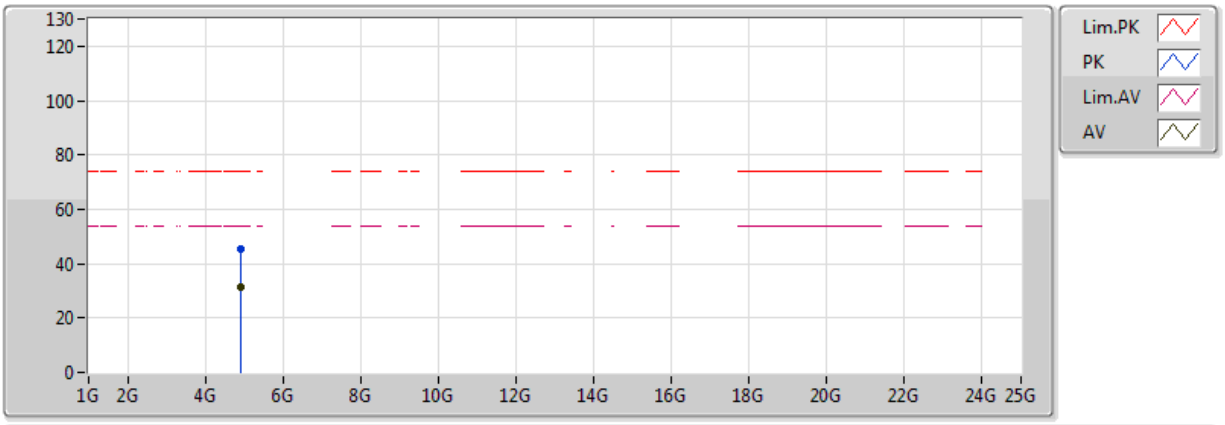


20171216
EUT Z_2TX
Setting 21
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.4612G	97.87	Inf	-Inf	31.11	3	Horizontal	194	1.94
AV	2.483502G	53.94	54.00	-0.06	31.17	3	Horizontal	194	1.94
PK	2.4626G	109.34	Inf	-Inf	31.11	3	Horizontal	194	1.94
PK	2.4838G	71.71	74.00	-2.29	31.17	3	Horizontal	194	1.94

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

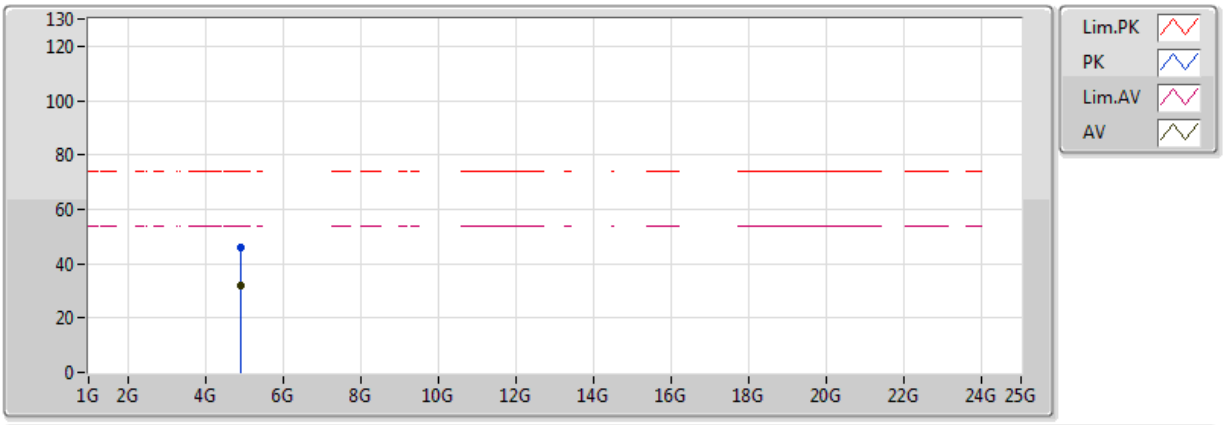


20171216
EUT Z_2TX
Setting 21
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.9232G	31.65	54.00	-22.35	4.34	3	Vertical	157	1.99
PK	4.9245G	45.42	74.00	-28.58	4.35	3	Vertical	157	1.99

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

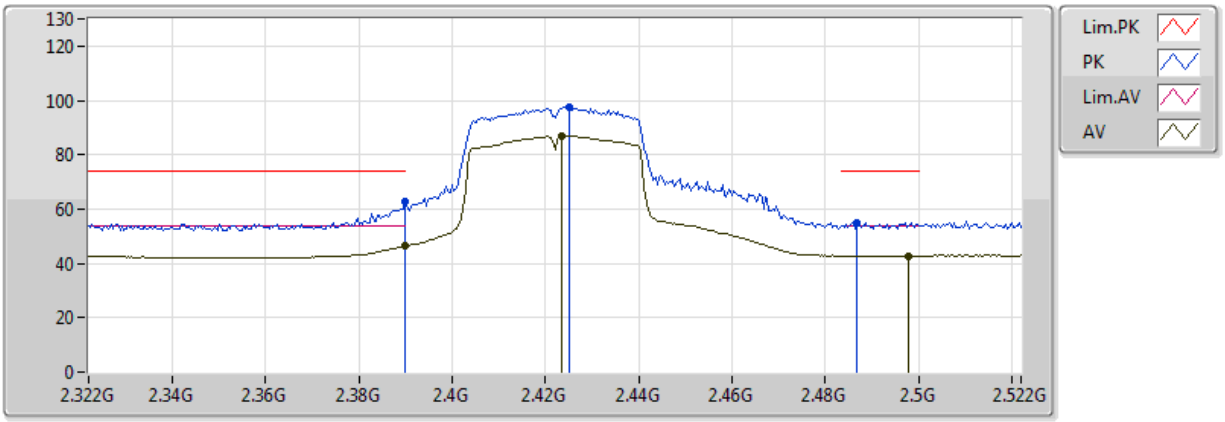


20171216
EUT Z_2TX
Setting 21
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.924012G	32.21	54.00	-21.79	4.34	3	Horizontal	109	1.58
PK	4.923436G	45.98	74.00	-28.02	4.34	3	Horizontal	109	1.58

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

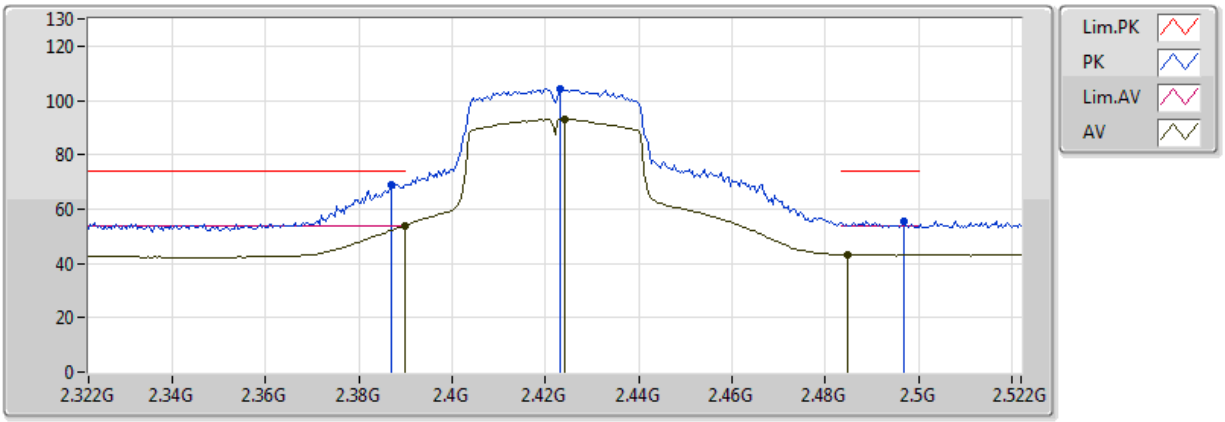


20171216
EUT Z_2TX
Setting 21
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	46.34	54.00	-7.66	30.96	3	Vertical	99	1.02
AV	2.4236G	87.02	Inf	-Inf	31.00	3	Vertical	99	1.02
AV	2.498G	42.86	54.00	-11.14	31.21	3	Vertical	99	1.02
PK	2.389998G	62.53	74.00	-11.47	30.96	3	Vertical	99	1.02
PK	2.4252G	97.46	Inf	-Inf	31.00	3	Vertical	99	1.02
PK	2.4868G	55.18	74.00	-18.82	31.18	3	Vertical	99	1.02

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

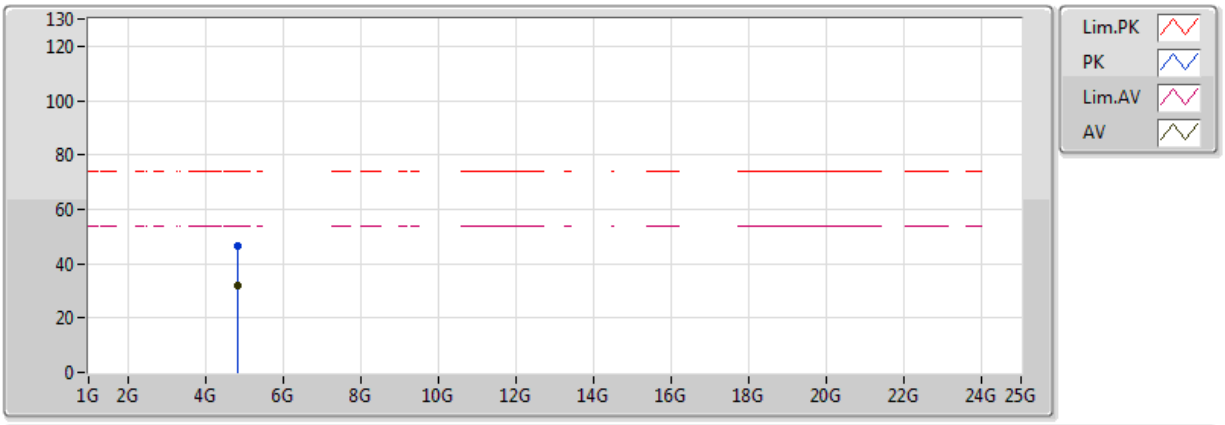


20171216
EUT Z_2TX
Setting 21
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	53.95	54.00	-0.05	30.96	3	Horizontal	201	2.22
AV	2.424G	93.22	Inf	-Inf	31.00	3	Horizontal	201	2.22
AV	2.4848G	43.18	54.00	-10.82	31.18	3	Horizontal	201	2.22
PK	2.3868G	68.94	74.00	-5.06	30.97	3	Horizontal	201	2.22
PK	2.4232G	104.16	Inf	-Inf	31.00	3	Horizontal	201	2.22
PK	2.4968G	55.41	74.00	-18.59	31.21	3	Horizontal	201	2.22

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

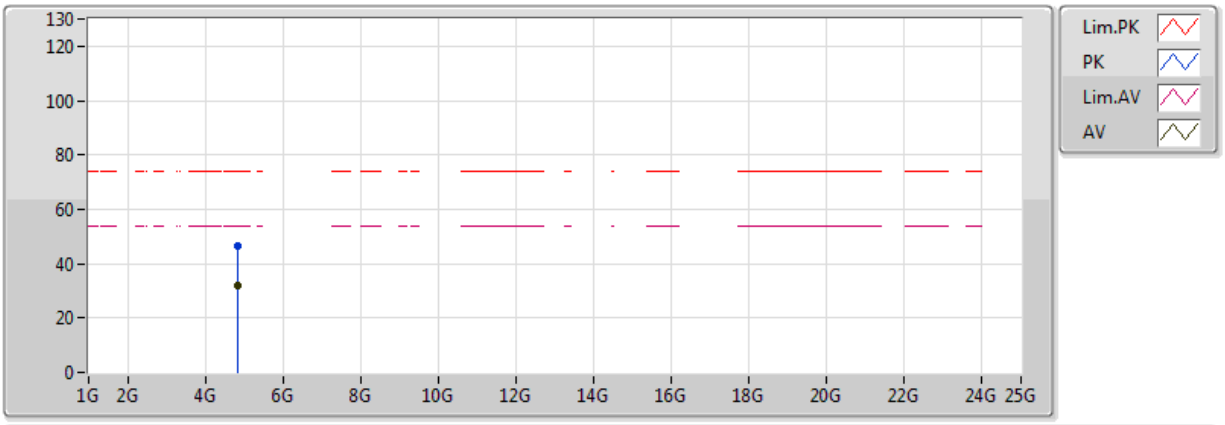


20171216
EUT Z_2TX
Setting 21
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.843148G	31.86	54.00	-22.14	4.02	3	Vertical	111	1.75
PK	4.844148G	46.34	74.00	-27.66	4.02	3	Vertical	111	1.75

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

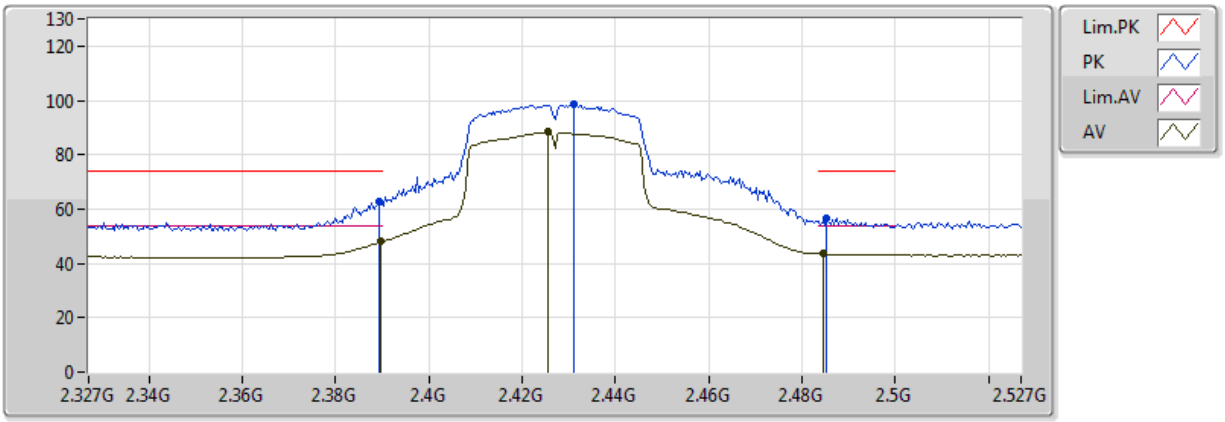


20171216
EUT Z_2TX
Setting 21
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.843108G	31.98	54.00	-22.02	4.02	3	Horizontal	89	1.87
PK	4.844428G	46.50	74.00	-27.50	4.02	3	Horizontal	89	1.87

802.11n HT40_Nss1,(MCS0)_2TX

2427MHz_TX

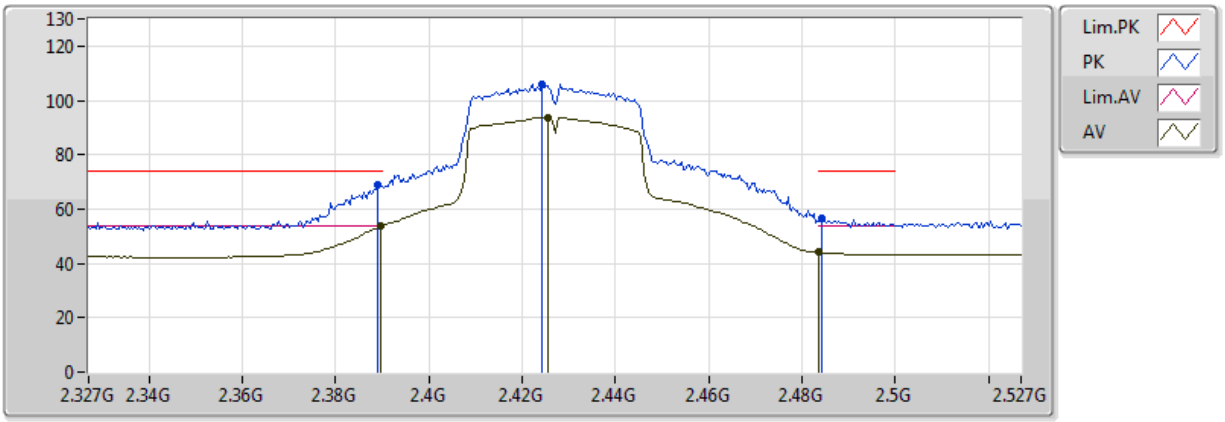


20171216
EUT Z_2TX
Setting 23
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3898G	48.02	54.00	-5.98	30.96	3	Vertical	99	1.01
AV	2.4254G	88.32	Inf	-Inf	31.00	3	Vertical	99	1.01
AV	2.4846G	43.54	54.00	-10.46	31.18	3	Vertical	99	1.01
PK	2.3894G	62.59	74.00	-11.41	30.96	3	Vertical	99	1.01
PK	2.431G	98.38	Inf	-Inf	31.02	3	Vertical	99	1.01
PK	2.4854G	56.61	74.00	-17.39	31.18	3	Vertical	99	1.01

802.11n HT40_Nss1,(MCS0)_2TX

2427MHz_TX

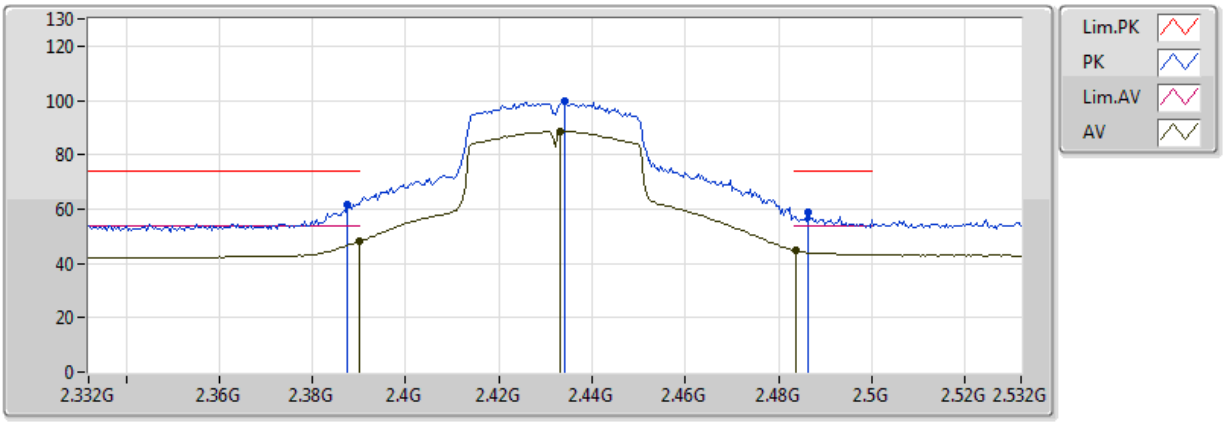


20171216
EUT Z_2TX
Setting 23
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3898G	53.78	54.00	-0.22	30.96	3	Horizontal	197	2.24
AV	2.4254G	93.83	Inf	-Inf	31.00	3	Horizontal	197	2.24
AV	2.483502G	43.99	54.00	-10.01	31.17	3	Horizontal	197	2.24
PK	2.389G	68.76	74.00	-5.24	30.96	3	Horizontal	197	2.24
PK	2.4242G	106.14	Inf	-Inf	31.00	3	Horizontal	197	2.24
PK	2.4842G	56.77	74.00	-17.23	31.17	3	Horizontal	197	2.24

802.11n HT40_Nss1,(MCS0)_2TX

2432MHz_TX

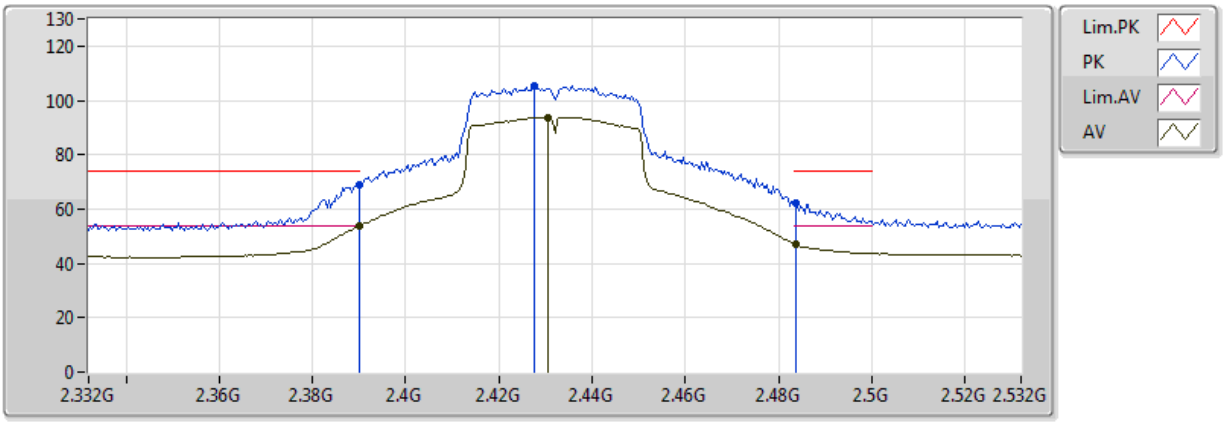


20171216
EUT Z_2TX
Setting 24
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	47.95	54.00	-6.05	30.96	3	Vertical	78	1.66
AV	2.4332G	88.53	Inf	-Inf	31.03	3	Vertical	78	1.66
AV	2.4836G	44.61	54.00	-9.39	31.17	3	Vertical	78	1.66
PK	2.3876G	61.85	74.00	-12.15	30.97	3	Vertical	78	1.66
PK	2.434G	99.53	Inf	-Inf	31.03	3	Vertical	78	1.66
PK	2.4864G	58.69	74.00	-15.31	31.18	3	Vertical	78	1.66

802.11n HT40_Nss1,(MCS0)_2TX

2432MHz_TX

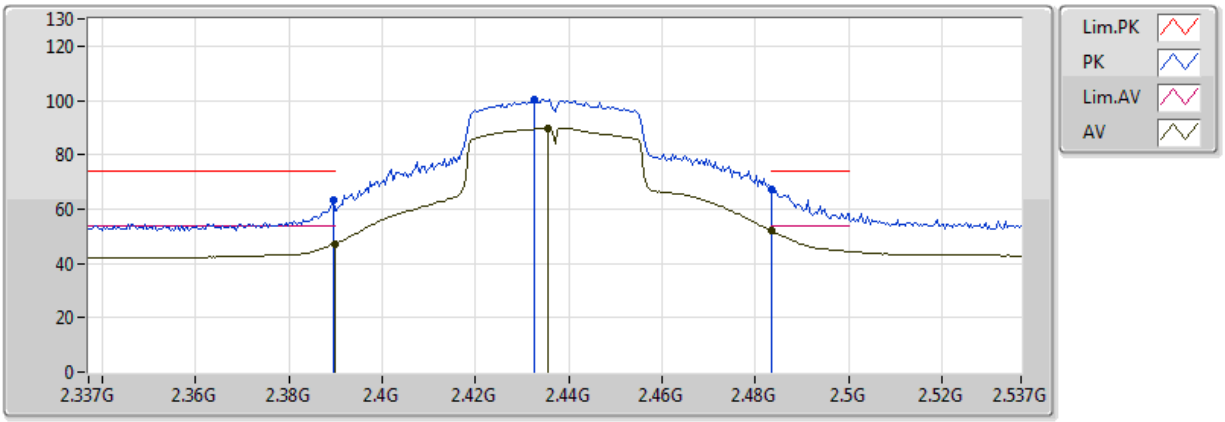


20171216
EUT Z_2TX
Setting 24
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	53.77	54.00	-0.23	30.96	3	Horizontal	207	1.73
AV	2.4304G	93.77	Inf	-Inf	31.02	3	Horizontal	207	1.73
AV	2.4836G	47.07	54.00	-6.93	31.17	3	Horizontal	207	1.73
PK	2.389998G	68.84	74.00	-5.16	30.96	3	Horizontal	207	1.73
PK	2.4276G	105.39	Inf	-Inf	31.01	3	Horizontal	207	1.73
PK	2.4836G	62.27	74.00	-11.73	31.17	3	Horizontal	207	1.73

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

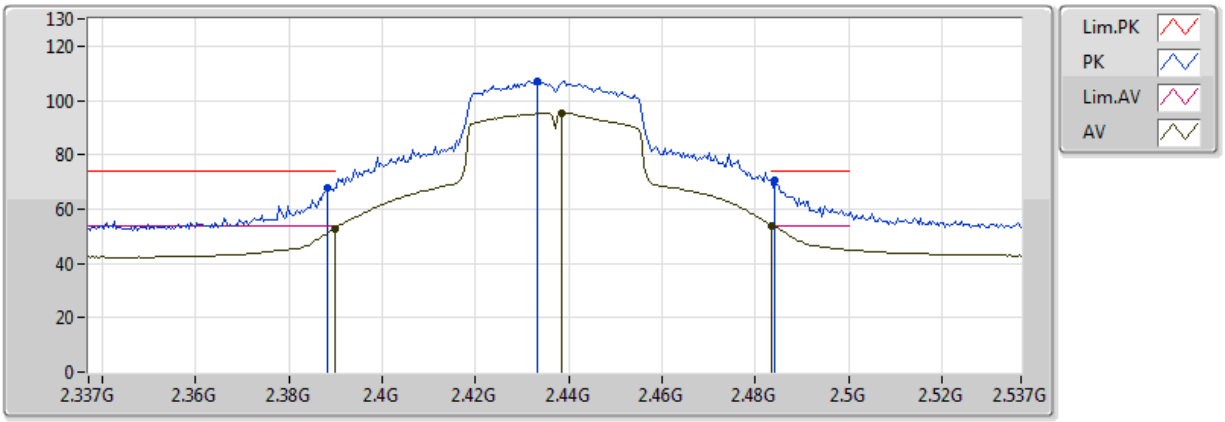


20171216
EUT Z_2TX
Setting 26
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3898G	47.19	54.00	-6.81	30.96	3	Vertical	97	1.00
AV	2.4354G	89.86	Inf	-Inf	31.03	3	Vertical	97	1.00
AV	2.483502G	51.87	54.00	-2.13	31.17	3	Vertical	97	1.00
PK	2.3894G	63.11	74.00	-10.89	30.96	3	Vertical	97	1.00
PK	2.4326G	100.35	Inf	-Inf	31.02	3	Vertical	97	1.00
PK	2.483502G	67.45	74.00	-6.55	31.17	3	Vertical	97	1.00

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

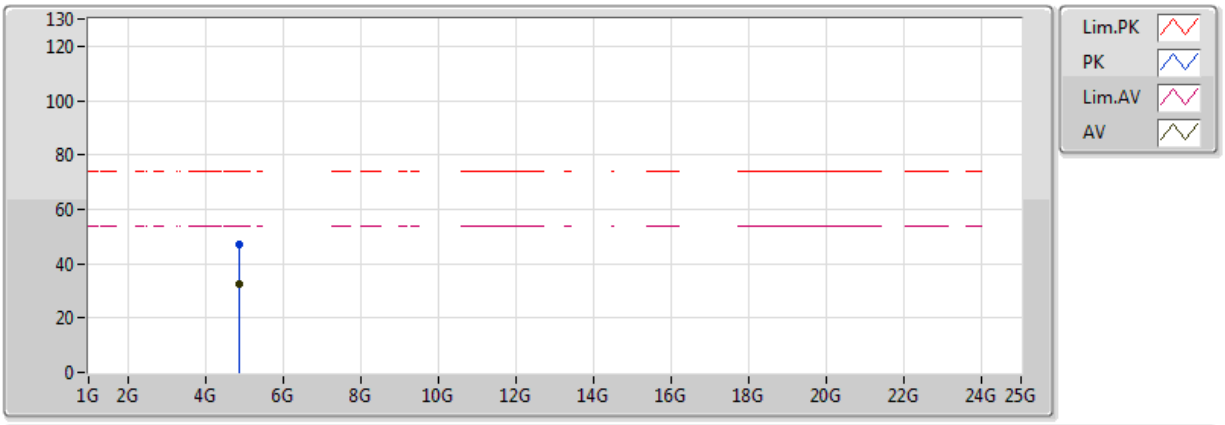


20171216
EUT Z_2TX
Setting 26
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3898G	52.84	54.00	-1.16	30.96	3	Horizontal	201	1.39
AV	2.4386G	95.42	Inf	-Inf	31.04	3	Horizontal	201	1.39
AV	2.483502G	53.94	54.00	-0.06	31.17	3	Horizontal	201	1.39
PK	2.3882G	67.72	74.00	-6.28	30.97	3	Horizontal	201	1.39
PK	2.4334G	106.89	Inf	-Inf	31.03	3	Horizontal	201	1.39
PK	2.4842G	70.44	74.00	-3.56	31.17	3	Horizontal	201	1.39

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

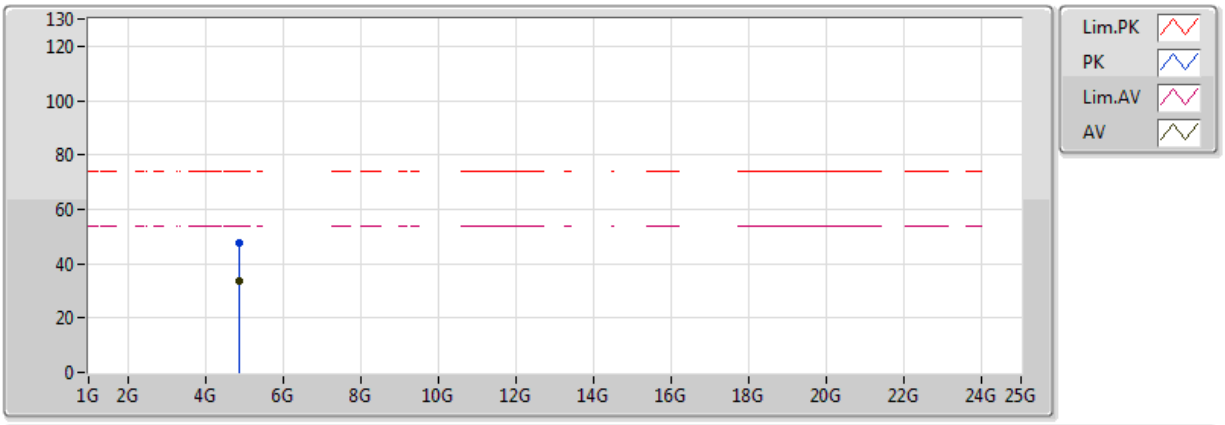


20171216
EUT Z_2TX
Setting 26
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.874324G	32.64	54.00	-21.36	4.14	3	Vertical	277	1.49
PK	4.87464G	47.06	74.00	-26.94	4.15	3	Vertical	277	1.49

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

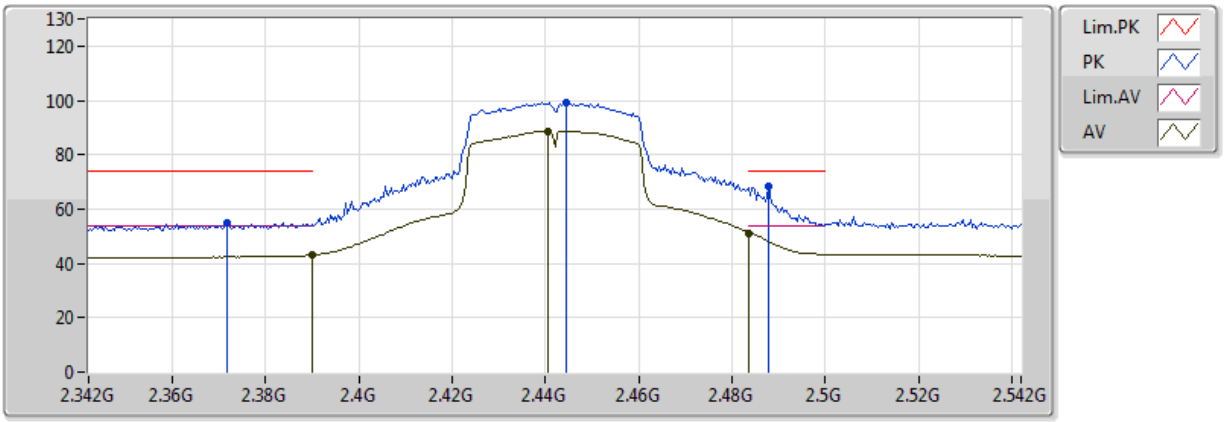


20171216
EUT Z_2TX
Setting 26
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.874324G	33.59	54.00	-20.41	4.14	3	Horizontal	269	1.26
PK	4.87412G	47.69	74.00	-26.31	4.14	3	Horizontal	269	1.26

802.11n HT40_Nss1,(MCS0)_2TX

2442MHz_TX

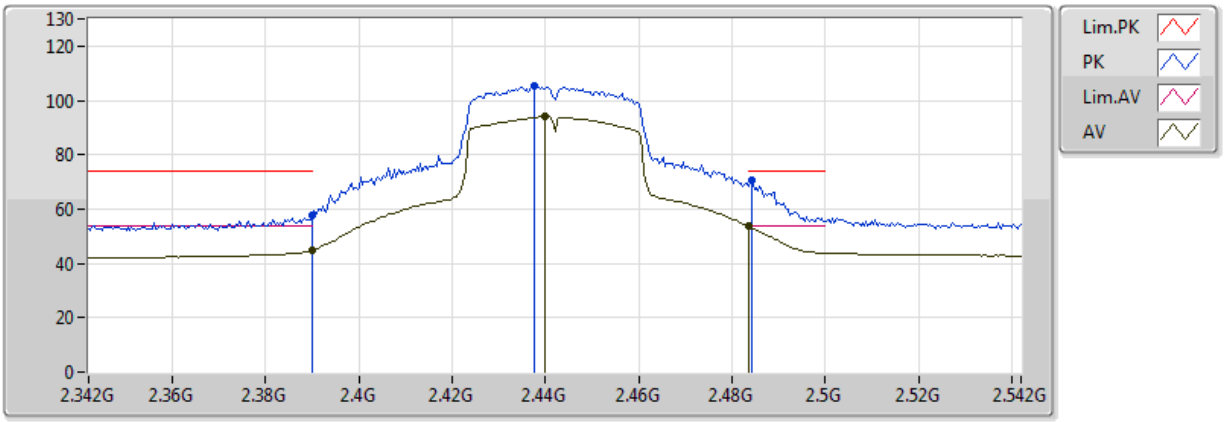


20171216
EUT Z_2TX
Setting 23
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	43.00	54.00	-11.00	30.96	3	Vertical	101	1.21
AV	2.4404G	88.79	Inf	-Inf	31.05	3	Vertical	101	1.21
AV	2.4836G	51.23	54.00	-2.77	31.17	3	Vertical	101	1.21
PK	2.3716G	54.98	74.00	-19.02	31.02	3	Vertical	101	1.21
PK	2.4444G	99.08	Inf	-Inf	31.06	3	Vertical	101	1.21
PK	2.488G	68.33	74.00	-5.67	31.19	3	Vertical	101	1.21

802.11n HT40_Nss1,(MCS0)_2TX

2442MHz_TX

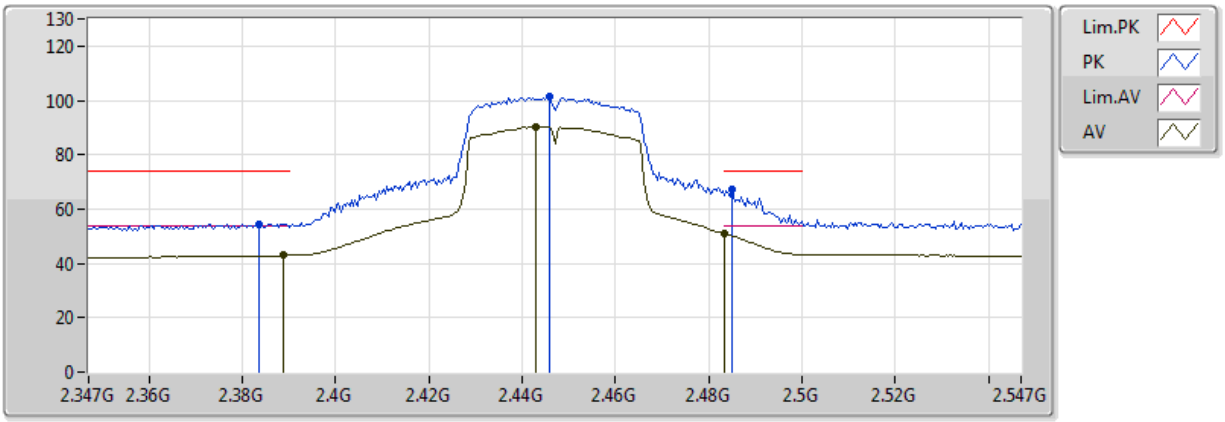


20171216
EUT Z_2TX
Setting 23
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	44.97	54.00	-9.03	30.96	3	Horizontal	198	2.00
AV	2.44G	94.12	Inf	-Inf	31.05	3	Horizontal	198	2.00
AV	2.4836G	53.64	54.00	-0.36	31.17	3	Horizontal	198	2.00
PK	2.389998G	57.74	74.00	-16.26	30.96	3	Horizontal	198	2.00
PK	2.4376G	105.47	Inf	-Inf	31.04	3	Horizontal	198	2.00
PK	2.4844G	70.48	74.00	-3.52	31.17	3	Horizontal	198	2.00

802.11n HT40_Nss1,(MCS0)_2TX

2447MHz_TX

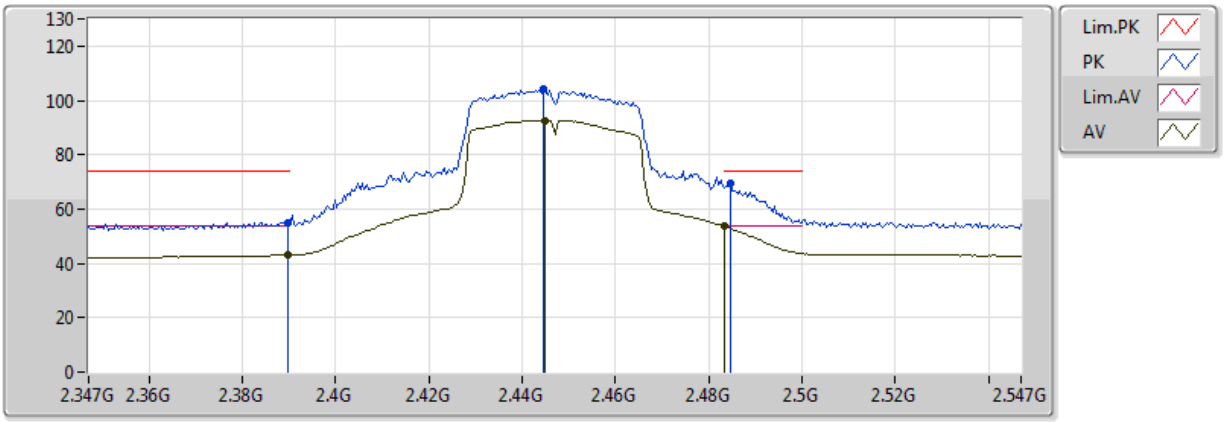


20171216
EUT Z_2TX
Setting 21
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3886G	42.94	54.00	-11.06	30.96	3	Vertical	178	2.65
AV	2.443G	90.20	Inf	-Inf	31.05	3	Vertical	178	2.65
AV	2.483502G	50.86	54.00	-3.14	31.17	3	Vertical	178	2.65
PK	2.3834G	54.63	74.00	-19.37	30.98	3	Vertical	178	2.65
PK	2.4458G	101.61	Inf	-Inf	31.06	3	Vertical	178	2.65
PK	2.485G	67.32	74.00	-6.68	31.18	3	Vertical	178	2.65

802.11n HT40_Nss1,(MCS0)_2TX

2447MHz_TX

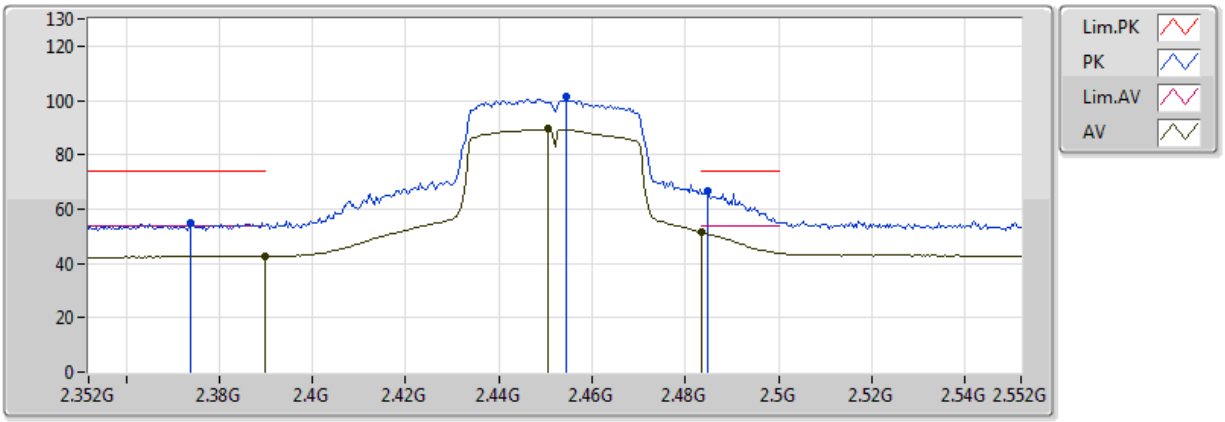


20171216
EUT Z_2TX
Setting 21
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3898G	43.07	54.00	-10.93	30.96	3	Horizontal	200	2.03
AV	2.445G	92.65	Inf	-Inf	31.06	3	Horizontal	200	2.03
AV	2.483502G	53.81	54.00	-0.19	31.17	3	Horizontal	200	2.03
PK	2.3898G	54.95	74.00	-19.05	30.96	3	Horizontal	200	2.03
PK	2.4446G	104.35	Inf	-Inf	31.06	3	Horizontal	200	2.03
PK	2.4846G	69.49	74.00	-4.51	31.18	3	Horizontal	200	2.03

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

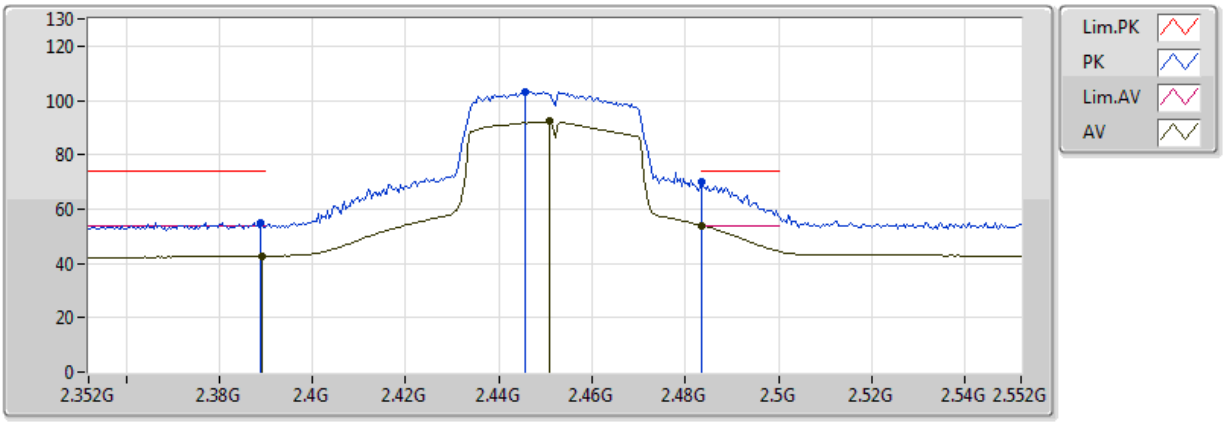


20171216
EUT Z_2TX
Setting 1F
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.389998G	42.73	54.00	-11.27	30.96	3	Vertical	178	2.64
AV	2.4504G	89.61	Inf	-Inf	31.08	3	Vertical	178	2.64
AV	2.4836G	51.33	54.00	-2.67	31.17	3	Vertical	178	2.64
PK	2.374G	55.02	74.00	-18.98	31.01	3	Vertical	178	2.64
PK	2.4544G	101.39	Inf	-Inf	31.09	3	Vertical	178	2.64
PK	2.4848G	66.68	74.00	-7.32	31.18	3	Vertical	178	2.64

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

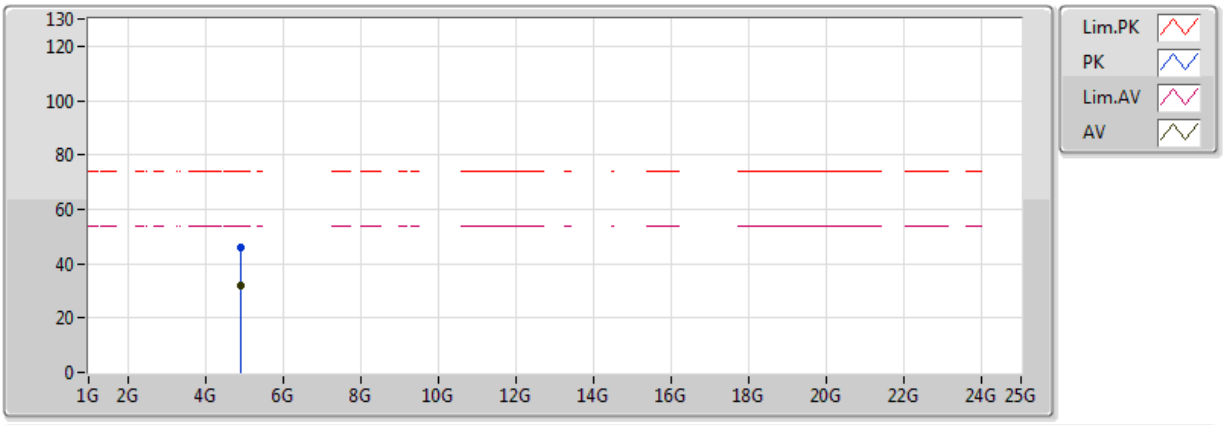


20171216
EUT Z_2TX
Setting 1F
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	2.3892G	42.72	54.00	-11.28	30.96	3	Horizontal	196	2.03
AV	2.4508G	92.27	Inf	-Inf	31.08	3	Horizontal	196	2.03
AV	2.4836G	53.94	54.00	-0.06	31.17	3	Horizontal	196	2.03
PK	2.3888G	54.99	74.00	-19.01	30.96	3	Horizontal	196	2.03
PK	2.4456G	103.14	Inf	-Inf	31.06	3	Horizontal	196	2.03
PK	2.4836G	70.03	74.00	-3.97	31.17	3	Horizontal	196	2.03

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

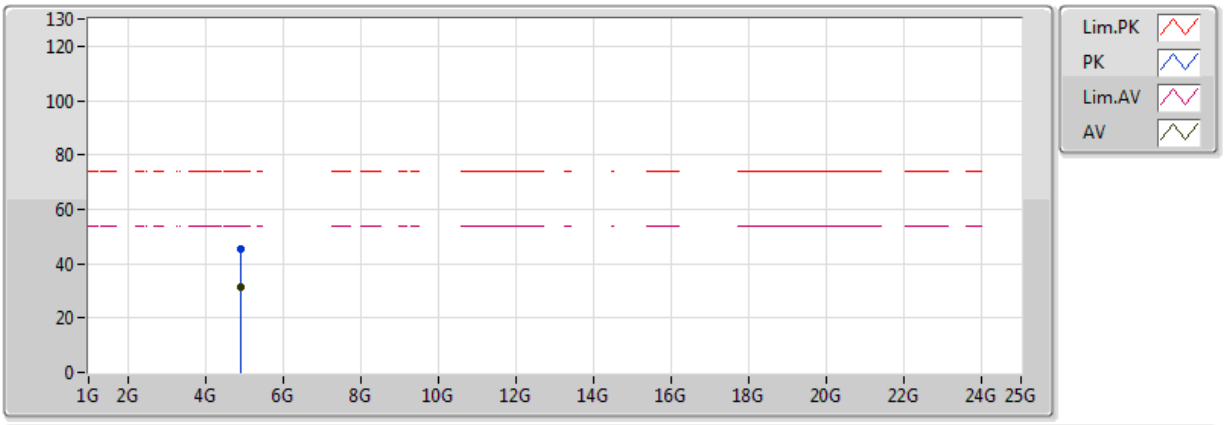


20171216
EUT Z_2TX
Setting 1F
01-W-3
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.904376G	31.73	54.00	-22.27	4.27	3	Vertical	171	2.41
PK	4.90384G	45.93	74.00	-28.07	4.26	3	Vertical	171	2.41

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX



20171216
EUT Z_2TX
Setting 1F
01-W-3
FSP(100056)

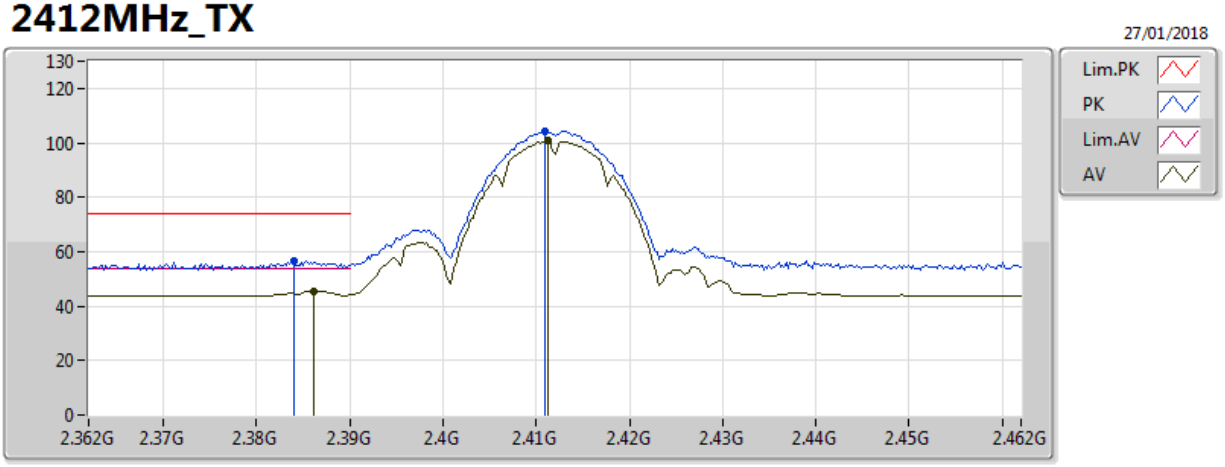
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	4.903812G	31.60	54.00	-22.40	4.26	3	Horizontal	198	2.21
PK	4.903348G	45.33	74.00	-28.67	4.26	3	Horizontal	198	2.21

Test Mode: Mode 3. EUT with Set 3 antennas
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.483502G	53.95	54.00	-0.05	32.42	3	Vertical	126	2.55	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

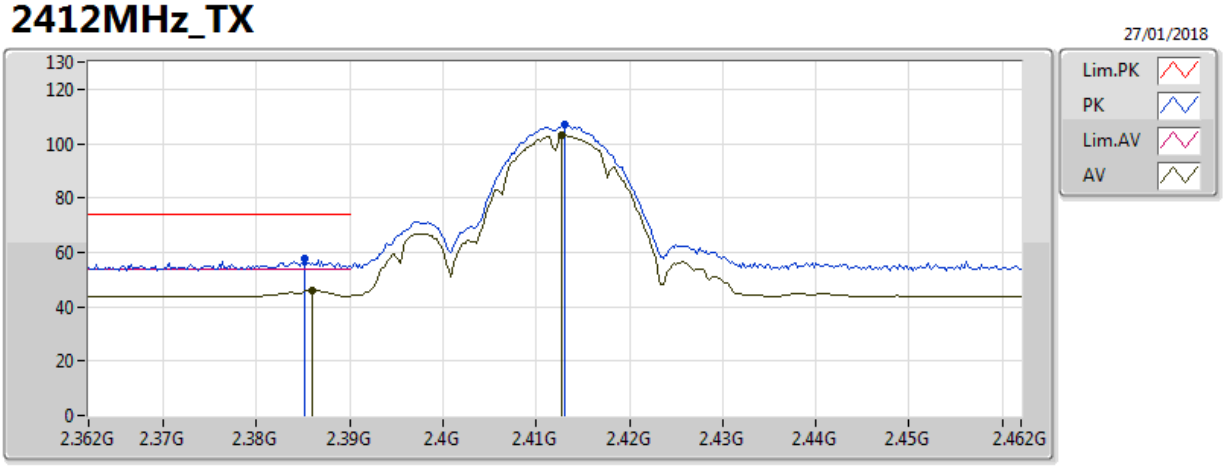


20180127
EUT Y_2TX
Setting 21
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3862G	45.62	54.00	-8.38	32.17	3	Vertical	33	1.16	-
AV	2.4112G	100.72	Inf	-Inf	32.24	3	Vertical	33	1.16	-
PK	2.384G	56.60	74.00	-17.40	32.17	3	Vertical	33	1.16	-
PK	2.411G	104.47	Inf	-Inf	32.24	3	Vertical	33	1.16	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

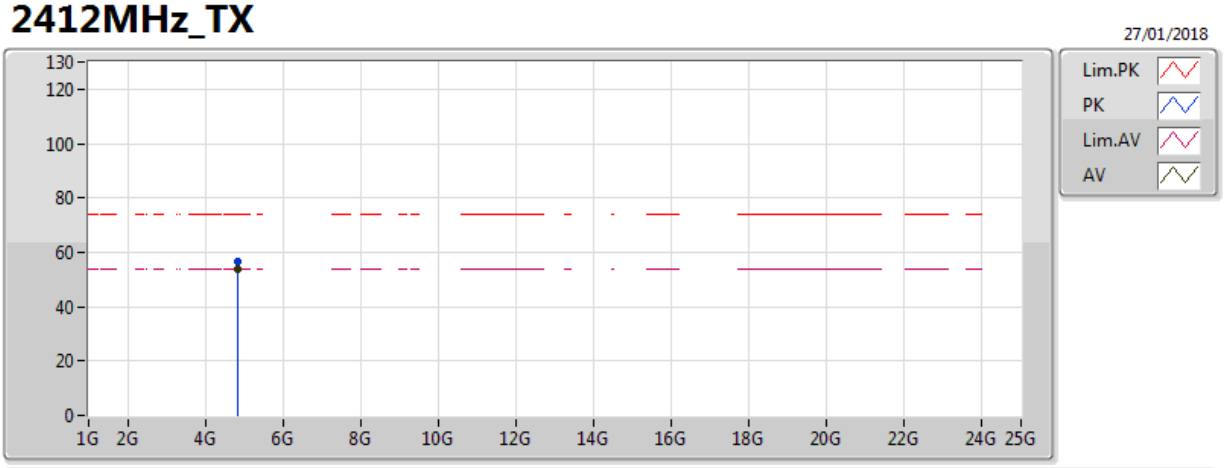


20180127
EUT Y_2TX
Setting 21
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.386G	46.22	54.00	-7.78	32.17	3	Horizontal	329	2.18	-
AV	2.4128G	102.88	Inf	-Inf	32.25	3	Horizontal	329	2.18	-
PK	2.3852G	57.44	74.00	-16.56	32.17	3	Horizontal	329	2.18	-
PK	2.413G	106.98	Inf	-Inf	32.25	3	Horizontal	329	2.18	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

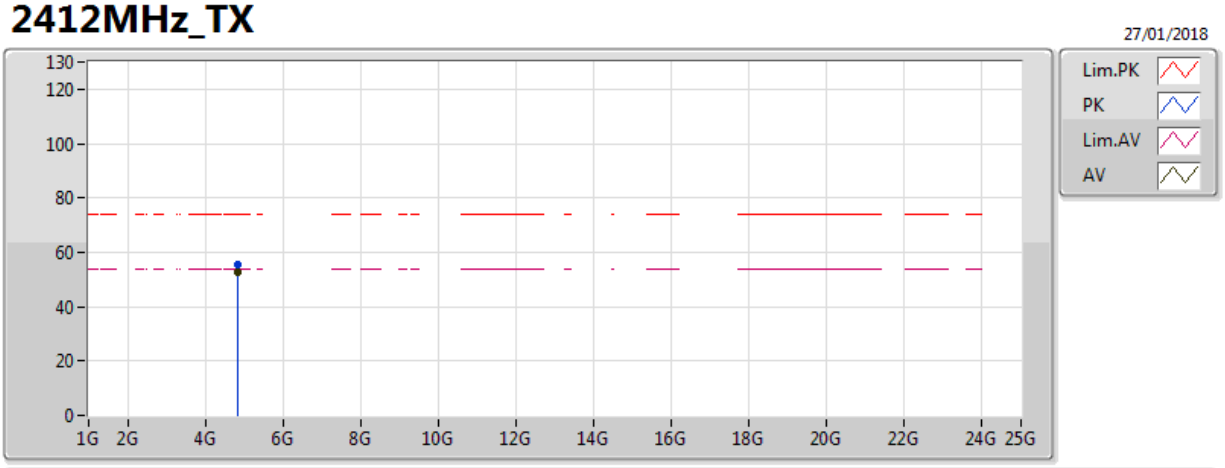


20180127
EUT Y_2TX
Setting 21
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82401G	53.76	54.00	-0.24	4.87	3	Vertical	105	2.01	-
PK	4.82403G	56.52	74.00	-17.48	4.87	3	Vertical	105	2.01	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

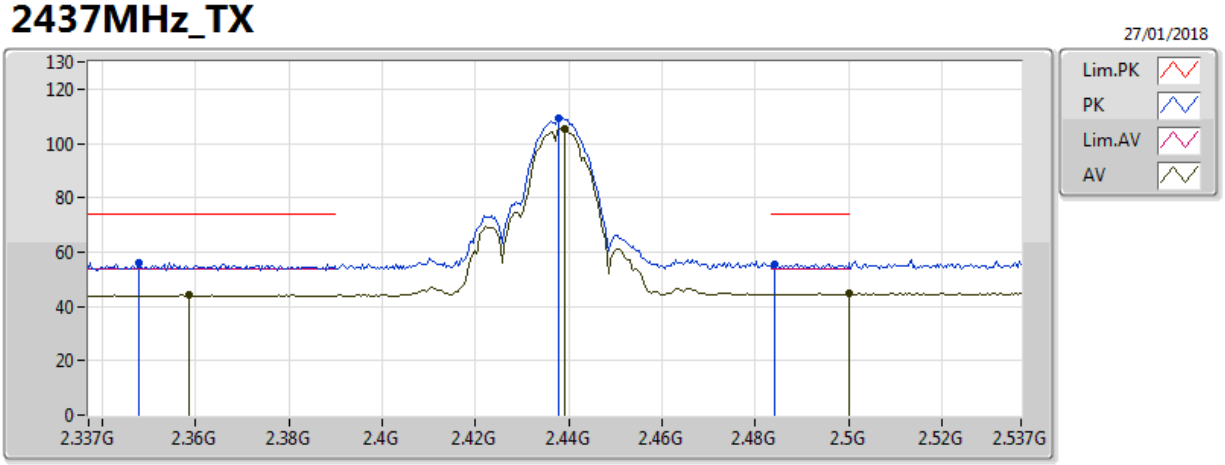


20180127
EUT Y_2TX
Setting 21
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82404G	52.74	54.00	-1.26	4.87	3	Horizontal	3	1.25	-
PK	4.82406G	55.34	74.00	-18.66	4.87	3	Horizontal	3	1.25	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

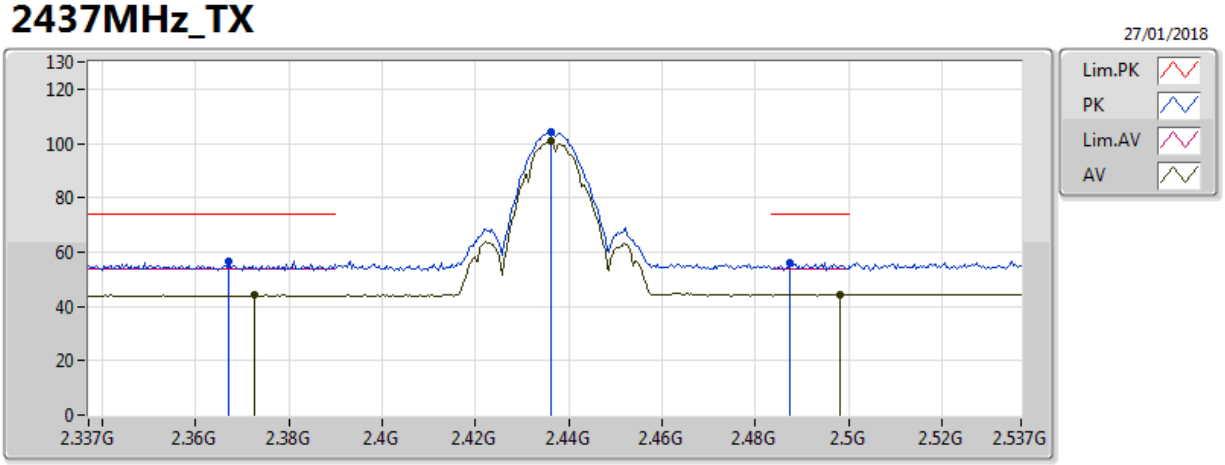


20180127
EUT Y_2TX
Setting 21
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3586G	44.15	54.00	-9.85	32.09	3	Vertical	123	2.36	-
AV	2.439G	105.51	Inf	-Inf	32.31	3	Vertical	123	2.36	-
AV	2.499998G	44.66	54.00	-9.34	32.46	3	Vertical	123	2.36	-
PK	2.3478G	56.09	74.00	-17.91	32.06	3	Vertical	123	2.36	-
PK	2.4378G	109.39	Inf	-Inf	32.31	3	Vertical	123	2.36	-
PK	2.4842G	55.74	74.00	-18.26	32.42	3	Vertical	123	2.36	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

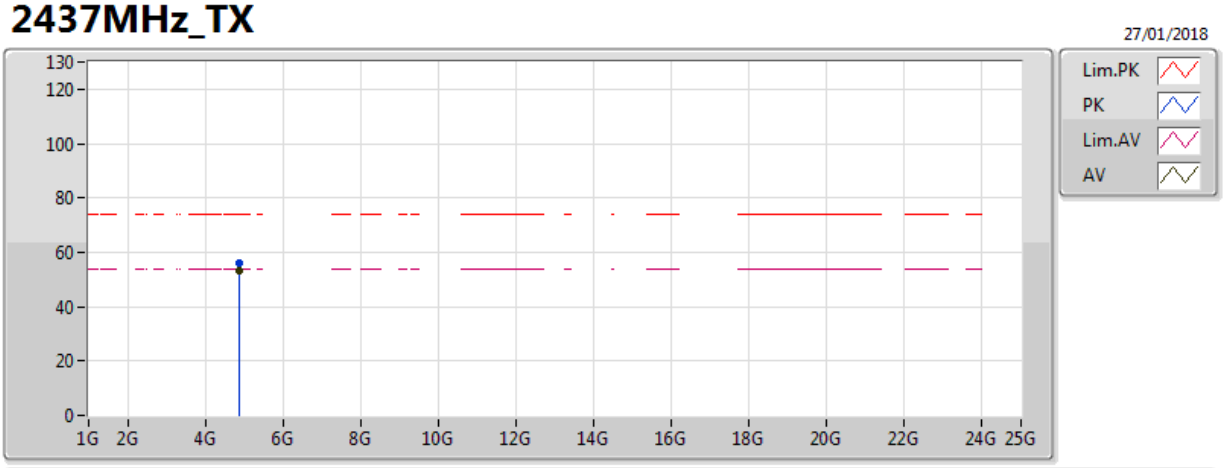


20180127
EUT Y_2TX
Setting 21
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3726G	44.07	54.00	-9.93	32.13	3	Horizontal	295	1.42	-
AV	2.4362G	100.63	Inf	-Inf	32.30	3	Horizontal	295	1.42	-
AV	2.4982G	44.26	54.00	-9.74	32.45	3	Horizontal	295	1.42	-
PK	2.367G	56.47	74.00	-17.53	32.12	3	Horizontal	295	1.42	-
PK	2.4362G	104.29	Inf	-Inf	32.30	3	Horizontal	295	1.42	-
PK	2.4874G	56.12	74.00	-17.88	32.43	3	Horizontal	295	1.42	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

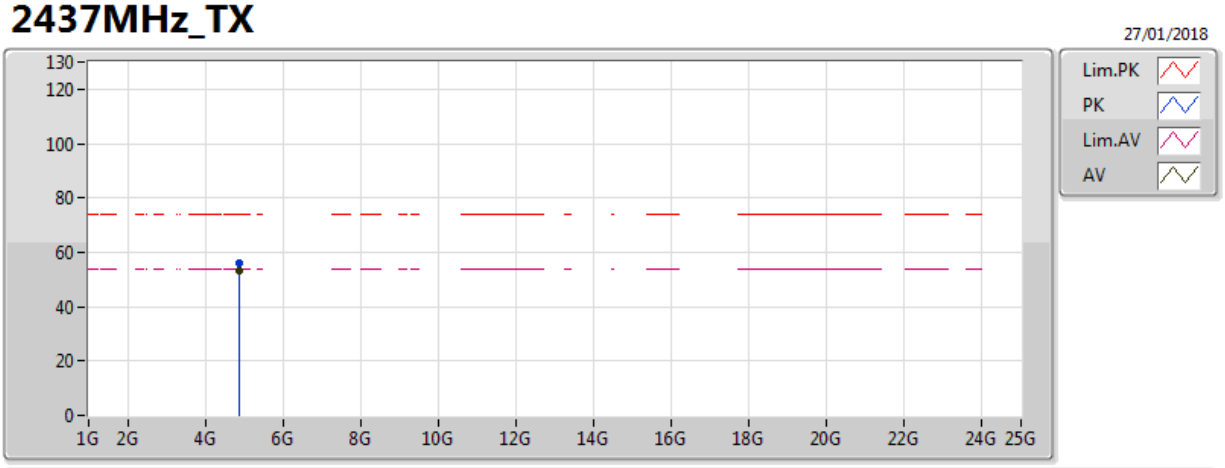


20180127
EUT Y_2TX
Setting 21
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.874G	53.27	54.00	-0.73	4.93	3	Vertical	105	2.09	-
PK	4.87402G	56.14	74.00	-17.86	4.93	3	Vertical	105	2.09	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

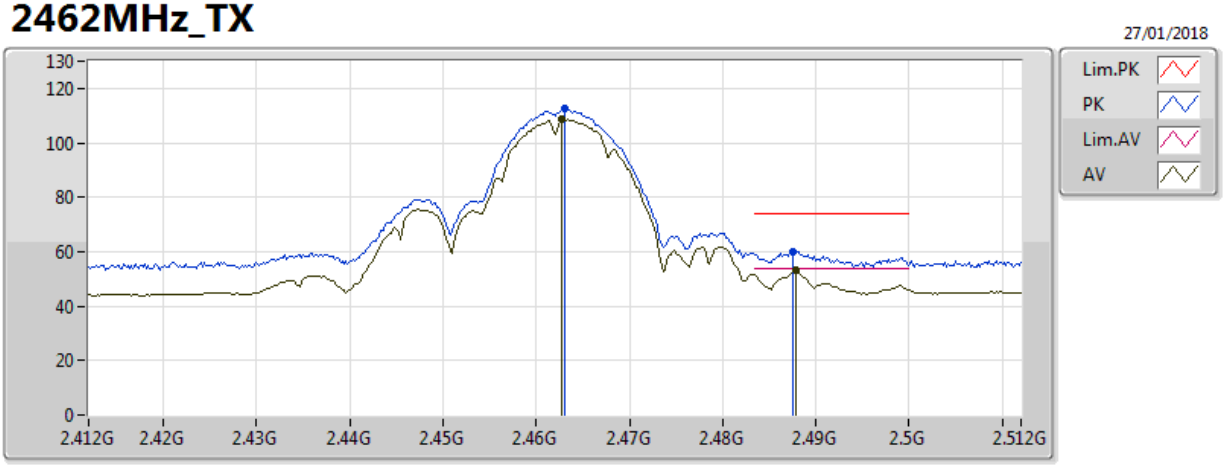


20180127
EUT Y_2TX
Setting 21
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87402G	53.37	54.00	-0.63	4.93	3	Horizontal	331	2.15	-
PK	4.87403G	56.28	74.00	-17.72	4.93	3	Horizontal	331	2.15	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

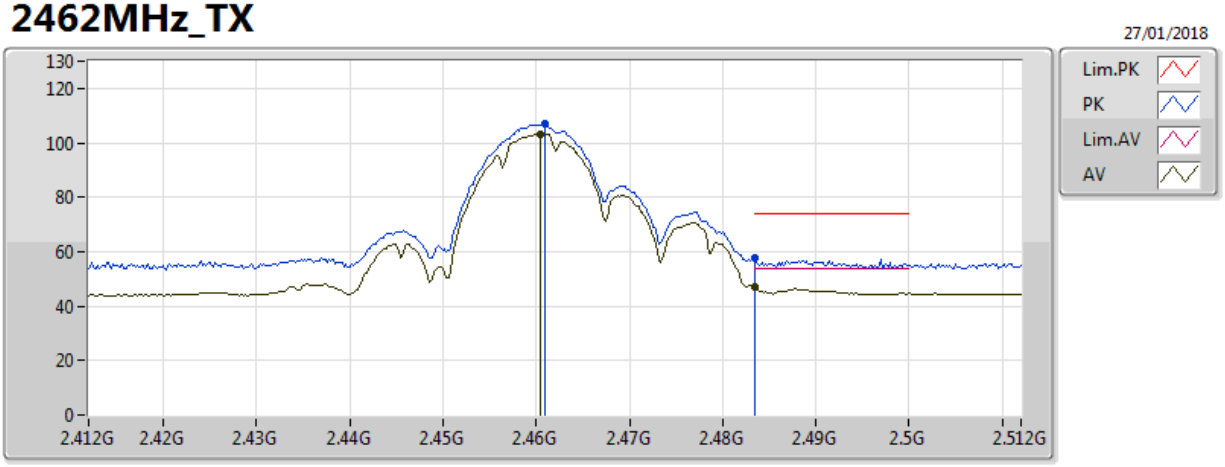


20180127
EUT Y_2TX
Setting 24
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4628G	108.51	Inf	-Inf	32.37	3	Vertical	120	2.32	-
AV	2.4878G	53.04	54.00	-0.96	32.43	3	Vertical	120	2.32	-
PK	2.463G	112.46	Inf	-Inf	32.37	3	Vertical	120	2.32	-
PK	2.4876G	60.05	74.00	-13.95	32.43	3	Vertical	120	2.32	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

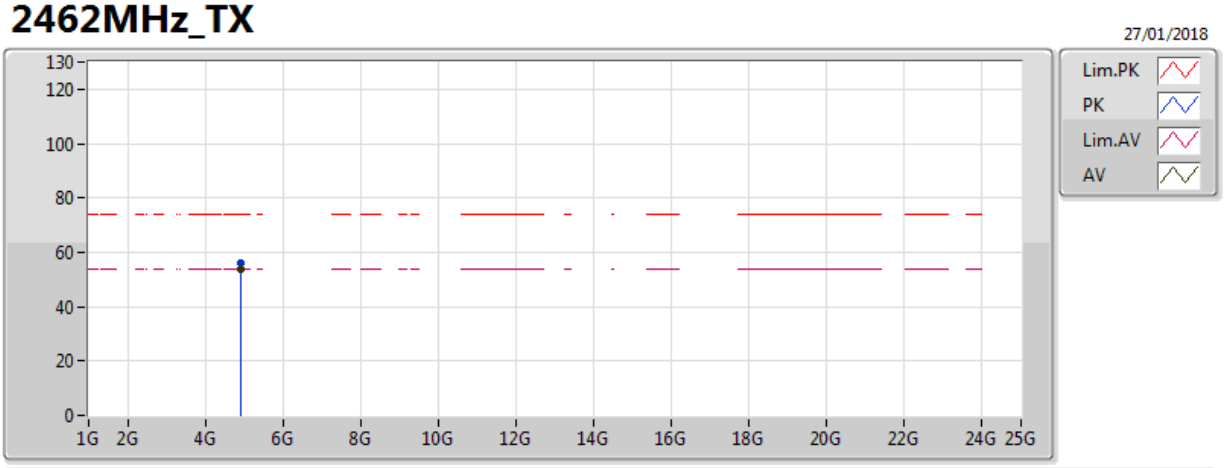


20180127
EUT Y_2TX
Setting 24
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4604G	103.38	Inf	-Inf	32.36	3	Horizontal	323	1.33	-
AV	2.483502G	47.29	54.00	-6.71	32.42	3	Horizontal	323	1.33	-
PK	2.461G	106.76	Inf	-Inf	32.36	3	Horizontal	323	1.33	-
PK	2.483502G	57.46	74.00	-16.54	32.42	3	Horizontal	323	1.33	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

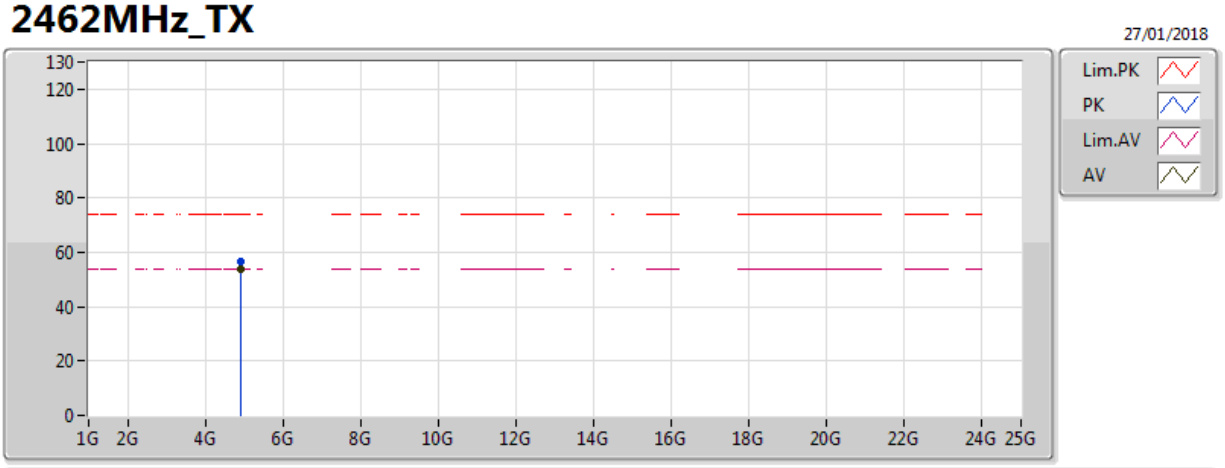


20180127
EUT Y_2TX
Setting 24
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.924G	53.57	54.00	-0.43	4.99	3	Vertical	158	2.36	-
PK	4.92399G	56.16	74.00	-17.84	4.99	3	Vertical	158	2.36	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

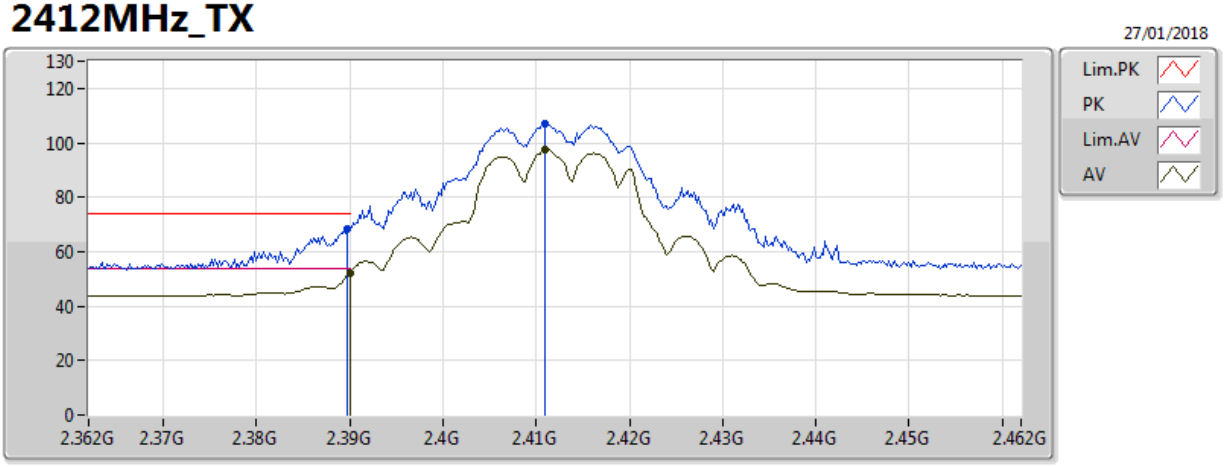


20180127
EUT Y_2TX
Setting 24
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.92403G	53.87	54.00	-0.13	4.99	3	Horizontal	204	1.54	-
PK	4.92403G	56.54	74.00	-17.46	4.99	3	Horizontal	204	1.54	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

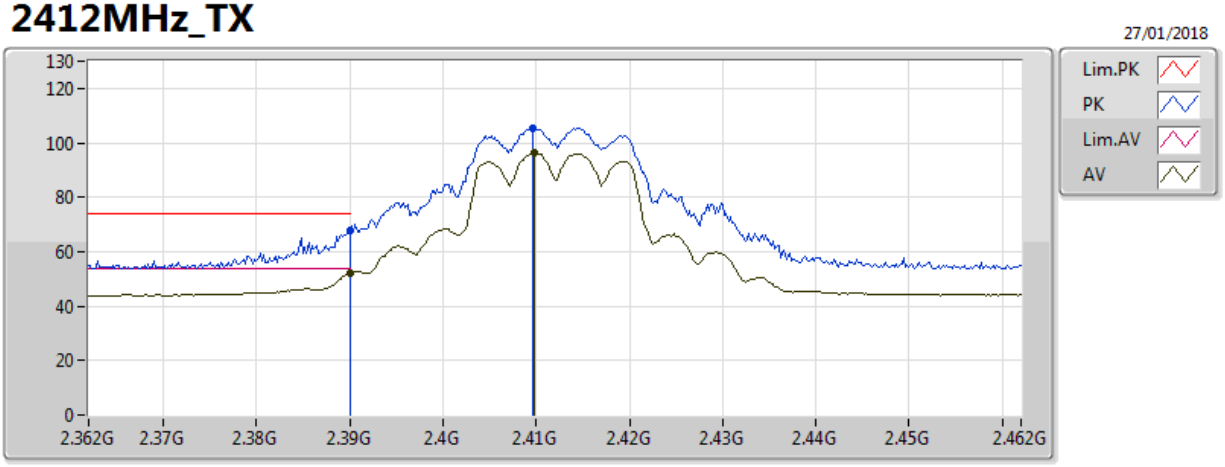


20180127
EUT Y_2TX
Setting 2A
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	52.35	54.00	-1.65	32.18	3	Vertical	129	2.63	-
AV	2.411G	97.39	Inf	-Inf	32.24	3	Vertical	129	2.63	-
PK	2.3898G	68.54	74.00	-5.46	32.18	3	Vertical	129	2.63	-
PK	2.411G	107.18	Inf	-Inf	32.24	3	Vertical	129	2.63	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

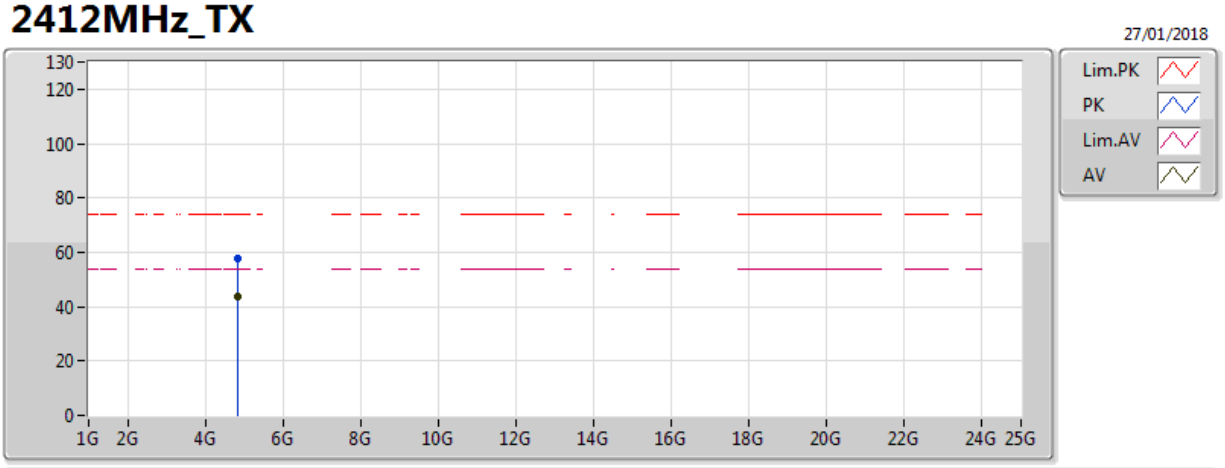


20180127
EUT Y_2TX
Setting 2A
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	52.11	54.00	-1.89	32.18	3	Horizontal	329	1.91	-
AV	2.4098G	96.13	Inf	-Inf	32.24	3	Horizontal	329	1.91	-
PK	2.39G	67.68	74.00	-6.32	32.18	3	Horizontal	329	1.91	-
PK	2.4096G	105.59	Inf	-Inf	32.24	3	Horizontal	329	1.91	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

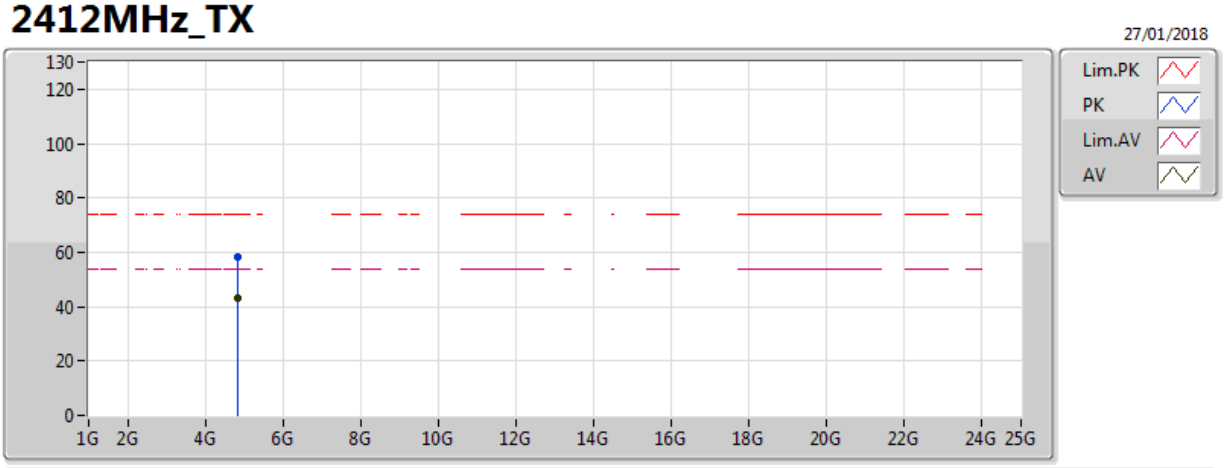


20180127
EUT Y_2TX
Setting 2A
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.8231G	43.64	54.00	-10.36	4.87	3	Vertical	355	2.38	-
PK	4.82352G	57.90	74.00	-16.10	4.87	3	Vertical	355	2.38	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

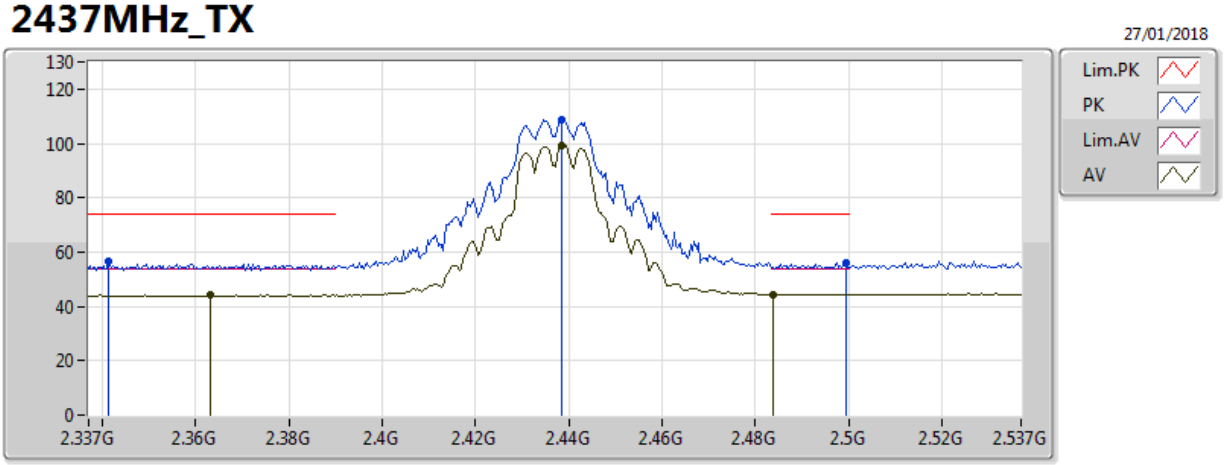


20180127
EUT Y_2TX
Setting 2A
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82328G	43.31	54.00	-10.69	4.87	3	Horizontal	213	1.10	-
PK	4.82348G	58.05	74.00	-15.95	4.87	3	Horizontal	213	1.10	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

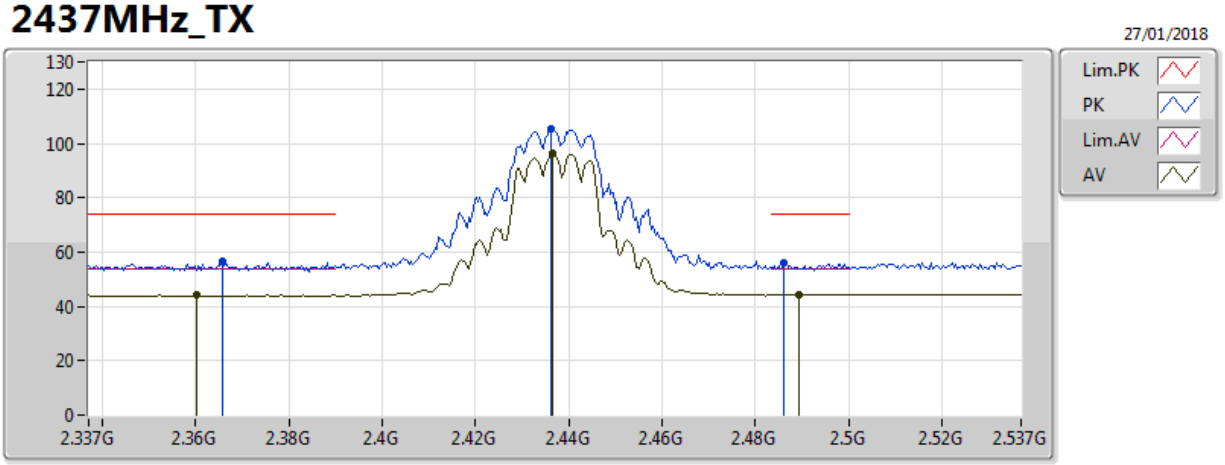


20180127
EUT Y_2TX
Setting 2A
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.363G	44.17	54.00	-9.83	32.11	3	Vertical	124	2.38	-
AV	2.4386G	99.41	Inf	-Inf	32.31	3	Vertical	124	2.38	-
AV	2.4838G	44.51	54.00	-9.49	32.42	3	Vertical	124	2.38	-
PK	2.3414G	56.62	74.00	-17.38	32.04	3	Vertical	124	2.38	-
PK	2.4386G	108.64	Inf	-Inf	32.31	3	Vertical	124	2.38	-
PK	2.4994G	56.04	74.00	-17.96	32.46	3	Vertical	124	2.38	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

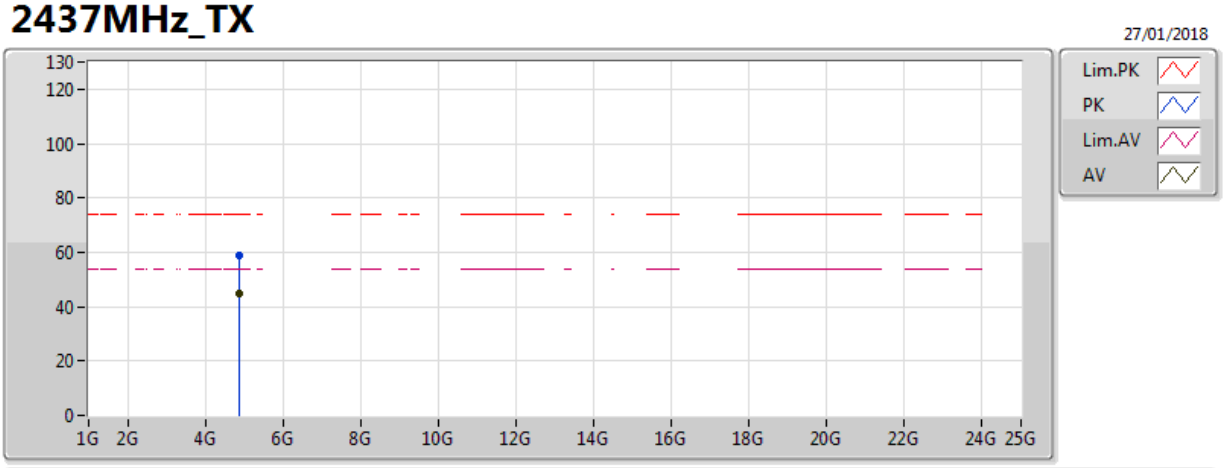


20180127
EUT Y_2TX
Setting 2A
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3602G	44.07	54.00	-9.93	32.10	3	Horizontal	324	1.09	-
AV	2.4366G	96.41	Inf	-Inf	32.30	3	Horizontal	324	1.09	-
AV	2.4894G	44.41	54.00	-9.59	32.43	3	Horizontal	324	1.09	-
PK	2.3658G	56.35	74.00	-17.65	32.11	3	Horizontal	324	1.09	-
PK	2.4362G	105.42	Inf	-Inf	32.30	3	Horizontal	324	1.09	-
PK	2.4862G	56.07	74.00	-17.93	32.42	3	Horizontal	324	1.09	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

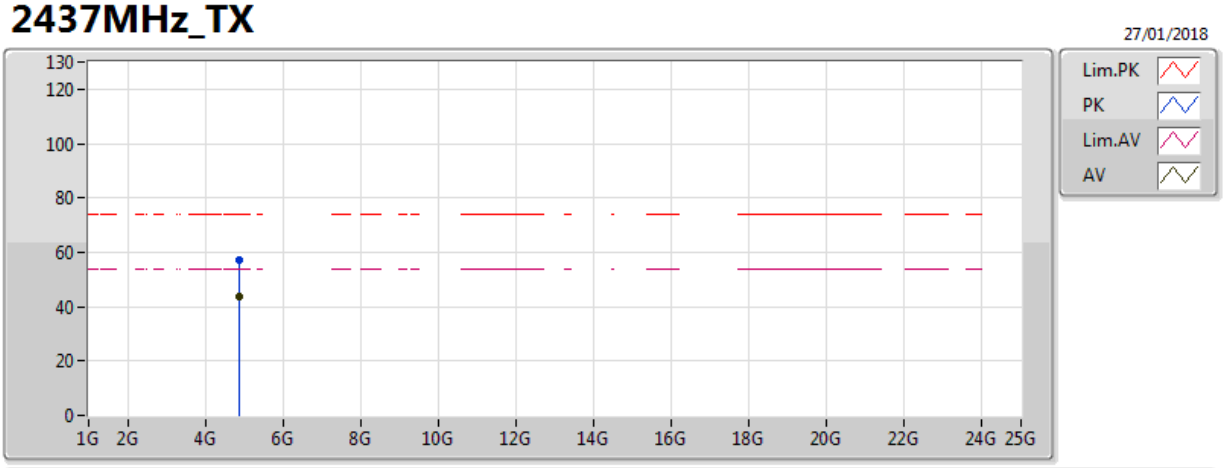


20180127
EUT Y_2TX
Setting 2A
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.877G	44.86	54.00	-9.14	4.94	3	Vertical	357	2.09	-
PK	4.87718G	58.61	74.00	-15.39	4.94	3	Vertical	357	2.09	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

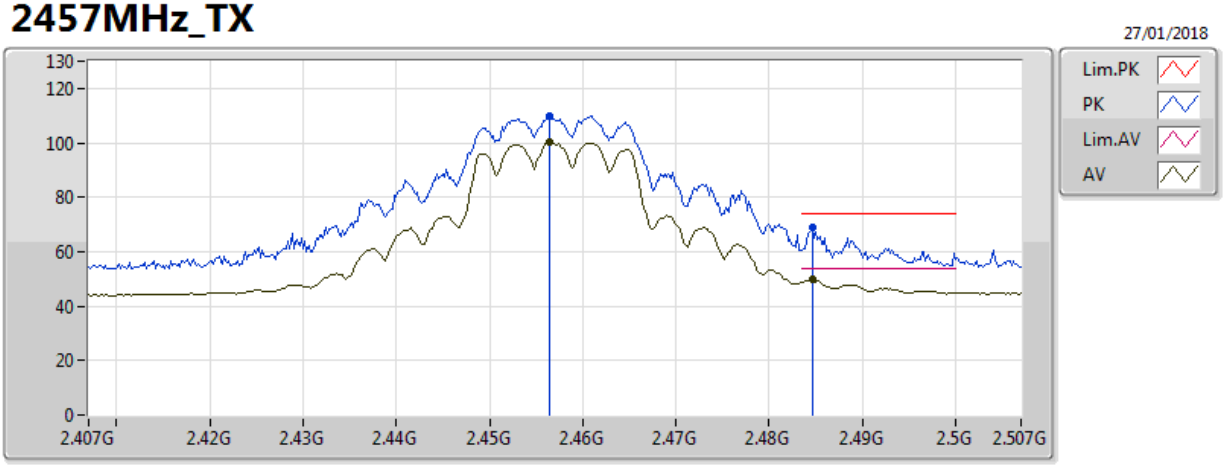


20180127
EUT Y_2TX
Setting 2A
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87328G	43.88	54.00	-10.12	4.93	3	Horizontal	205	1.17	-
PK	4.87718G	57.11	74.00	-16.89	4.94	3	Horizontal	205	1.17	-

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

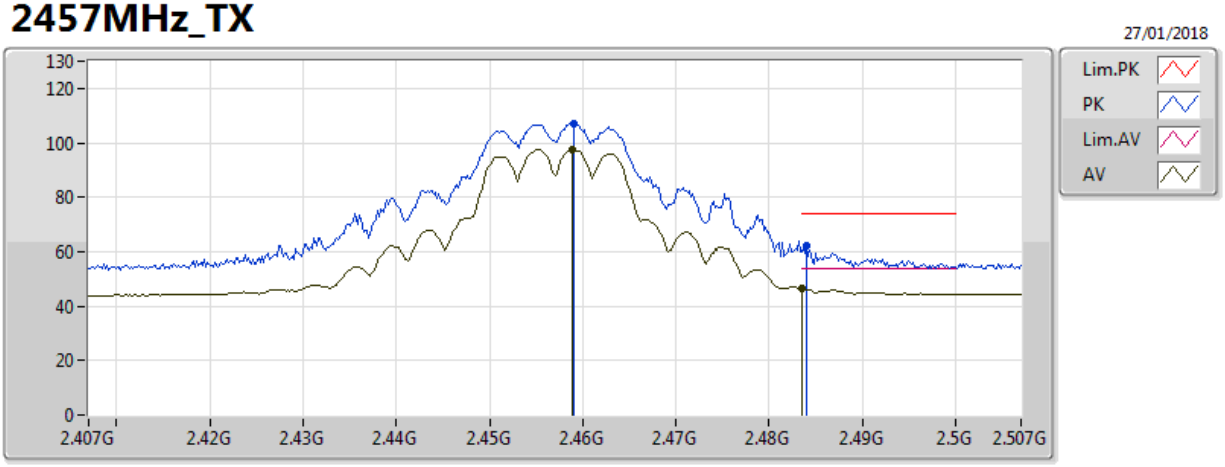


20180127
EUT Y_2TX
Setting 2A
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4564G	100.55	Inf	-Inf	32.35	3	Vertical	125	2.29	-
AV	2.4846G	49.61	54.00	-4.39	32.42	3	Vertical	125	2.29	-
PK	2.4564G	109.82	Inf	-Inf	32.35	3	Vertical	125	2.29	-
PK	2.4846G	68.95	74.00	-5.05	32.42	3	Vertical	125	2.29	-

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

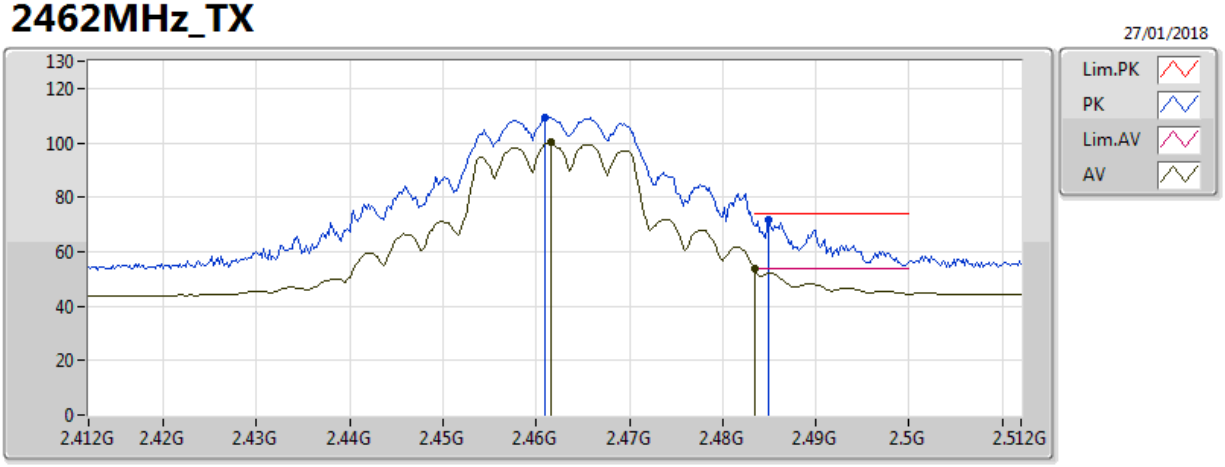


20180127
EUT Y_2TX
Setting 2A
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4588G	97.68	Inf	-Inf	32.36	3	Horizontal	329	2.08	-
AV	2.483502G	46.71	54.00	-7.29	32.42	3	Horizontal	329	2.08	-
PK	2.459G	107.06	Inf	-Inf	32.36	3	Horizontal	329	2.08	-
PK	2.484G	62.12	74.00	-11.88	32.42	3	Horizontal	329	2.08	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

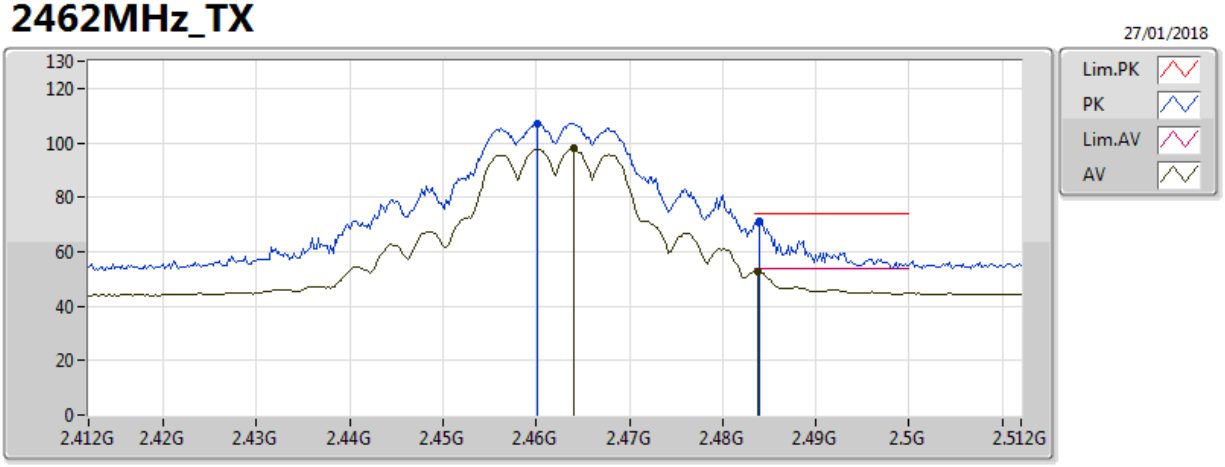


20180127
EUT Y_2TX
Setting 22
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4616G	100.06	Inf	-Inf	32.36	3	Vertical	126	2.55	-
AV	2.483502G	53.95	54.00	-0.05	32.42	3	Vertical	126	2.55	-
PK	2.461G	109.29	Inf	-Inf	32.36	3	Vertical	126	2.55	-
PK	2.485G	71.68	74.00	-2.32	32.42	3	Vertical	126	2.55	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

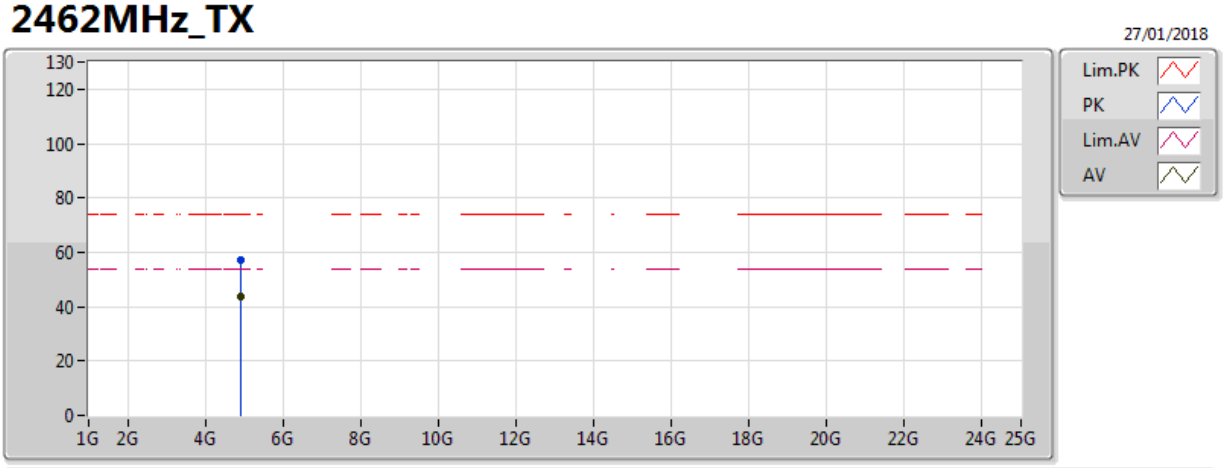


20180127
EUT Y_2TX
Setting 22
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.464G	97.87	Inf	-Inf	32.37	3	Horizontal	330	2.08	-
AV	2.4838G	52.87	54.00	-1.13	32.42	3	Horizontal	330	2.08	-
PK	2.4602G	107.30	Inf	-Inf	32.36	3	Horizontal	330	2.08	-
PK	2.484G	71.08	74.00	-2.92	32.42	3	Horizontal	330	2.08	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

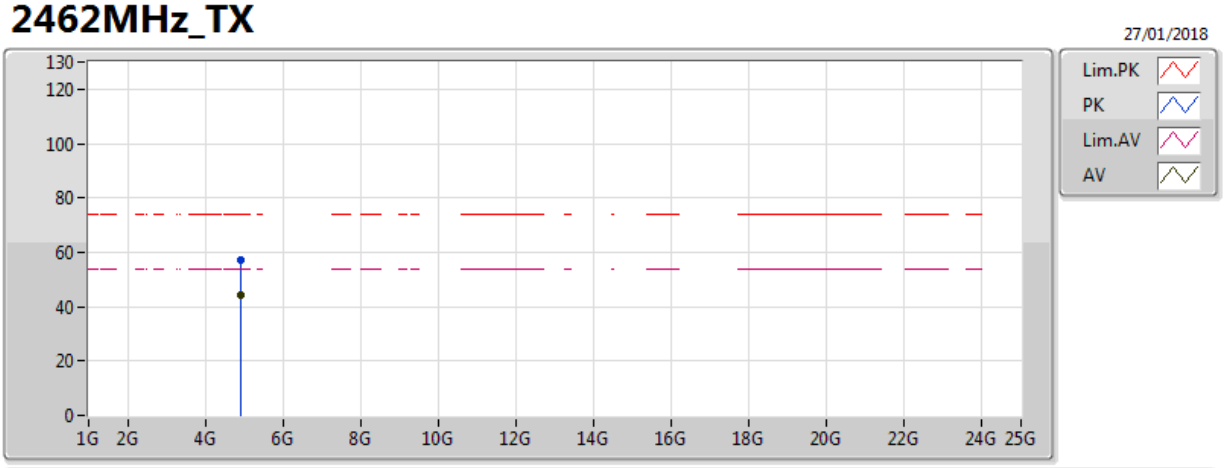


20180127
EUT Y_2TX
Setting 22
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.92304G	43.95	54.00	-10.05	4.99	3	Vertical	354	2.26	-
PK	4.9228G	57.05	74.00	-16.95	4.99	3	Vertical	354	2.26	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

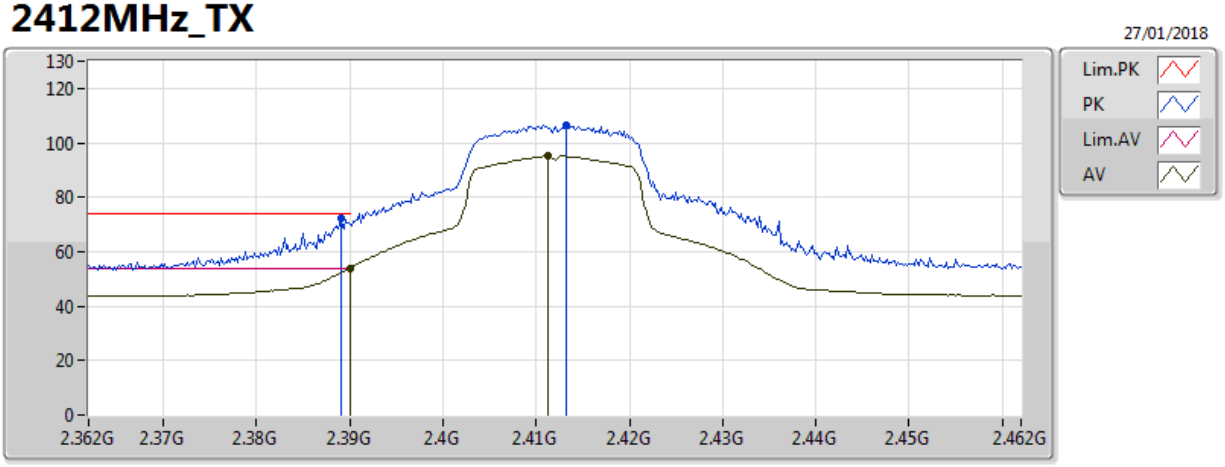


20180127
EUT Y_2TX
Setting 22
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.92364G	44.18	54.00	-9.82	4.99	3	Horizontal	201	1.01	-
PK	4.92304G	57.32	74.00	-16.68	4.99	3	Horizontal	201	1.01	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

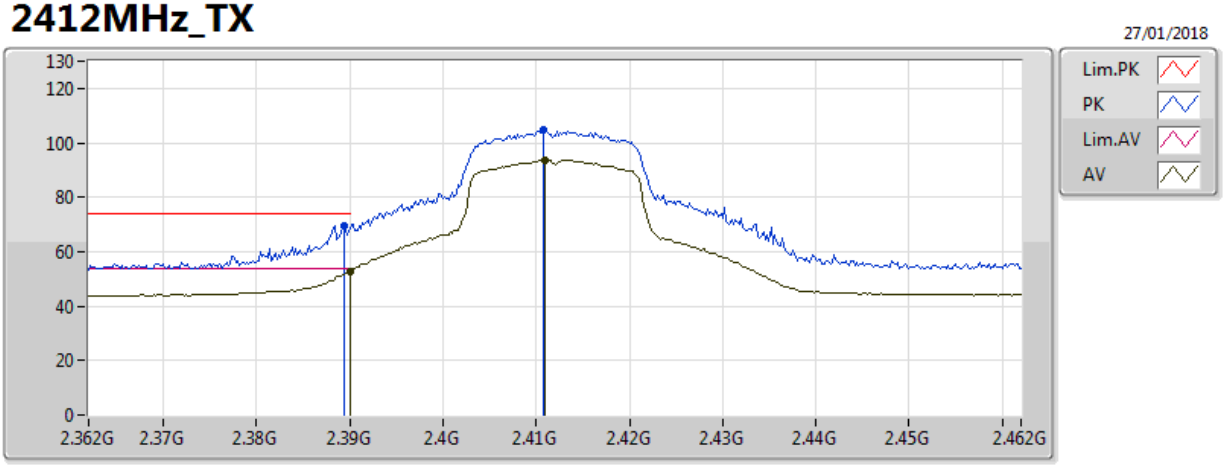


20180127
EUT Y_2TX
Setting 2A
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	53.91	54.00	-0.09	32.18	3	Vertical	128	2.18	-
AV	2.4112G	95.16	Inf	-Inf	32.24	3	Vertical	128	2.18	-
PK	2.389G	72.04	74.00	-1.96	32.18	3	Vertical	128	2.18	-
PK	2.4132G	106.26	Inf	-Inf	32.25	3	Vertical	128	2.18	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

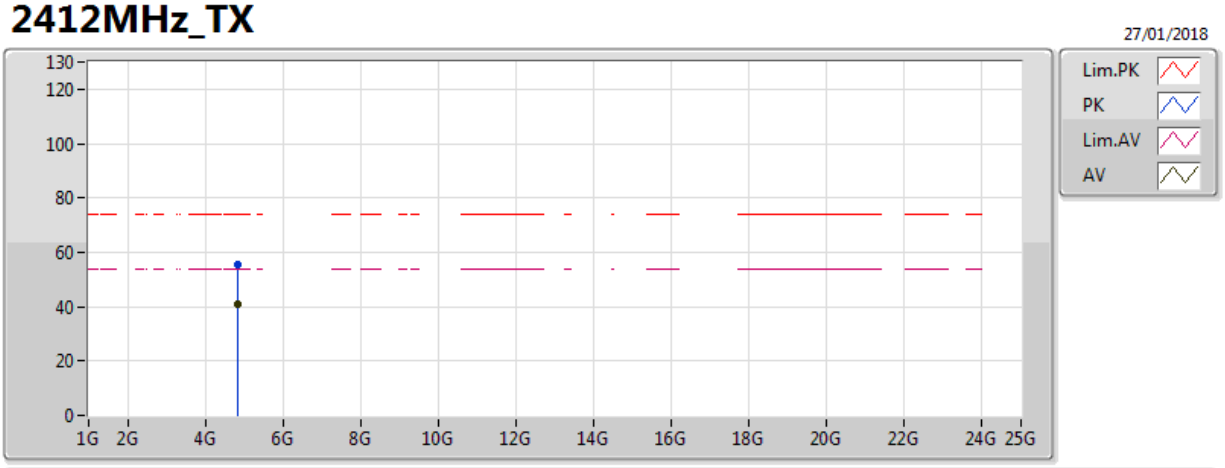


20180127
EUT Y_2TX
Setting 2A
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	52.87	54.00	-1.13	32.18	3	Horizontal	324	1.50	-
AV	2.411G	93.52	Inf	-Inf	32.24	3	Horizontal	324	1.50	-
PK	2.3894G	69.40	74.00	-4.60	32.18	3	Horizontal	324	1.50	-
PK	2.4108G	104.80	Inf	-Inf	32.24	3	Horizontal	324	1.50	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

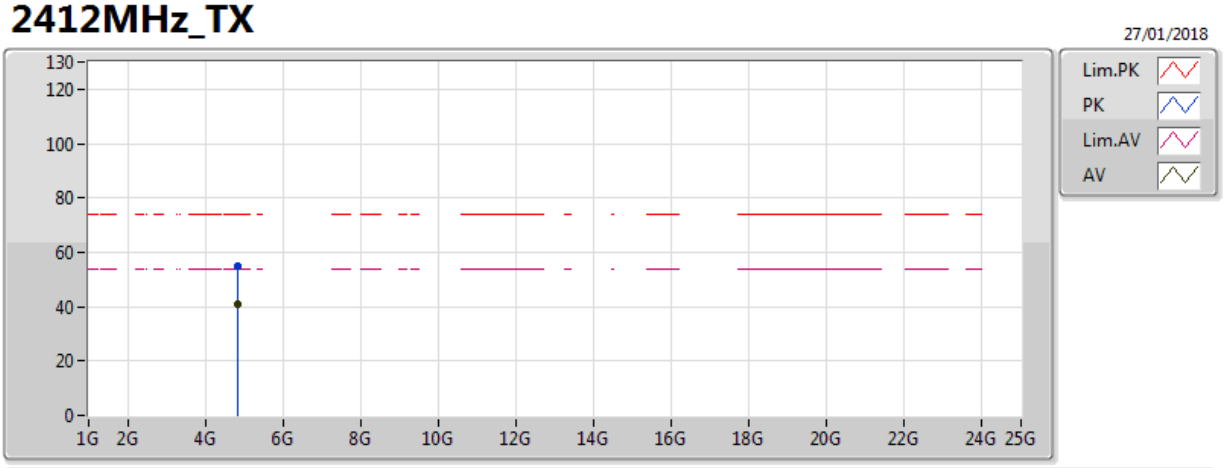


20180127
EUT Y_2TX
Setting 2A
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82394G	41.14	54.00	-12.86	4.87	3	Vertical	349	1.45	-
PK	4.82718G	55.20	74.00	-18.80	4.88	3	Vertical	349	1.45	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

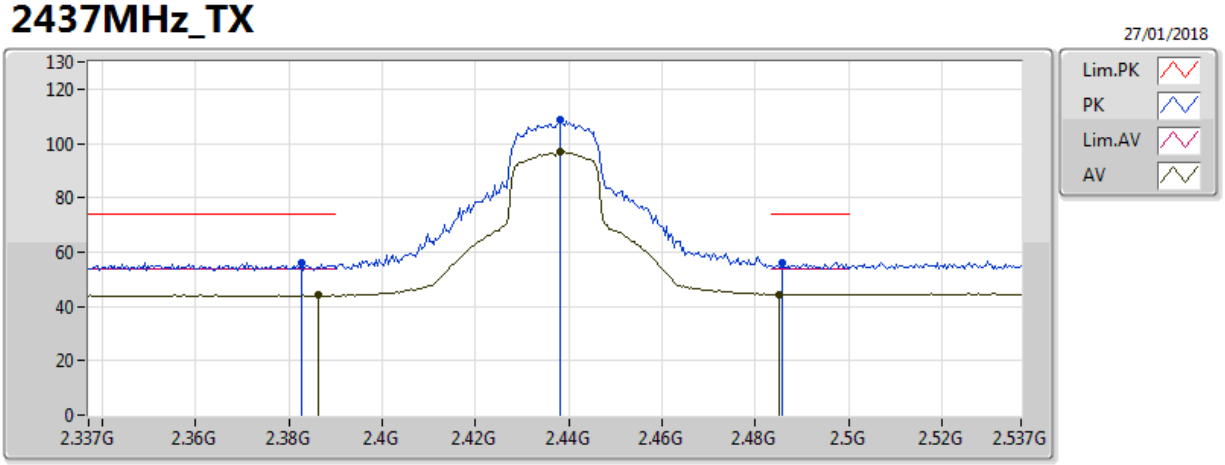


20180127
EUT Y_2TX
Setting 2A
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.8243G	41.13	54.00	-12.87	4.87	3	Horizontal	214	1.04	-
PK	4.8264G	54.74	74.00	-19.26	4.88	3	Horizontal	214	1.04	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

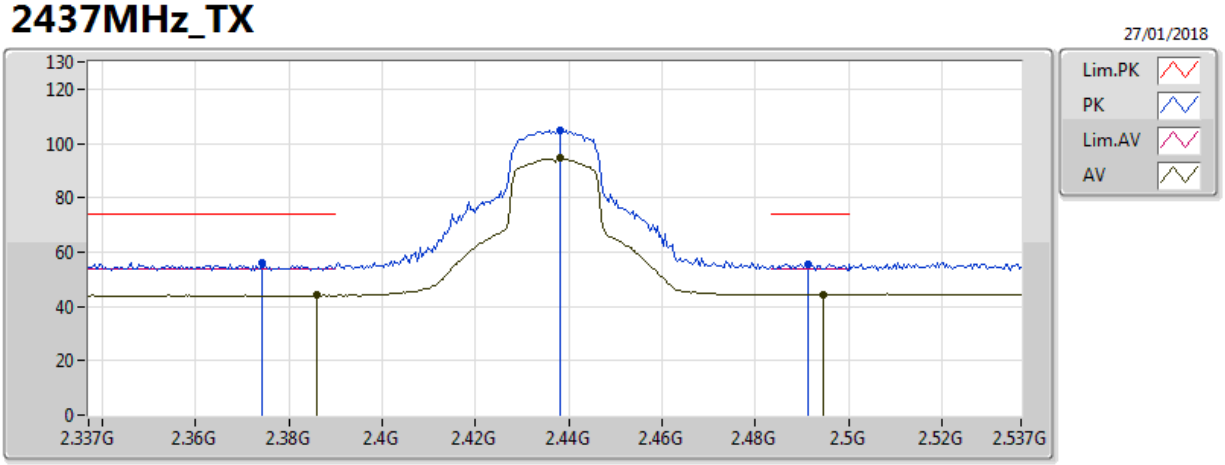


20180127
EUT Y_2TX
Setting 2A
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3862G	44.06	54.00	-9.94	32.17	3	Vertical	120	2.02	-
AV	2.4382G	96.95	Inf	-Inf	32.31	3	Vertical	120	2.02	-
AV	2.485G	44.54	54.00	-9.46	32.42	3	Vertical	120	2.02	-
PK	2.3826G	56.00	74.00	-18.00	32.16	3	Vertical	120	2.02	-
PK	2.4382G	108.50	Inf	-Inf	32.31	3	Vertical	120	2.02	-
PK	2.4858G	56.03	74.00	-17.97	32.42	3	Vertical	120	2.02	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

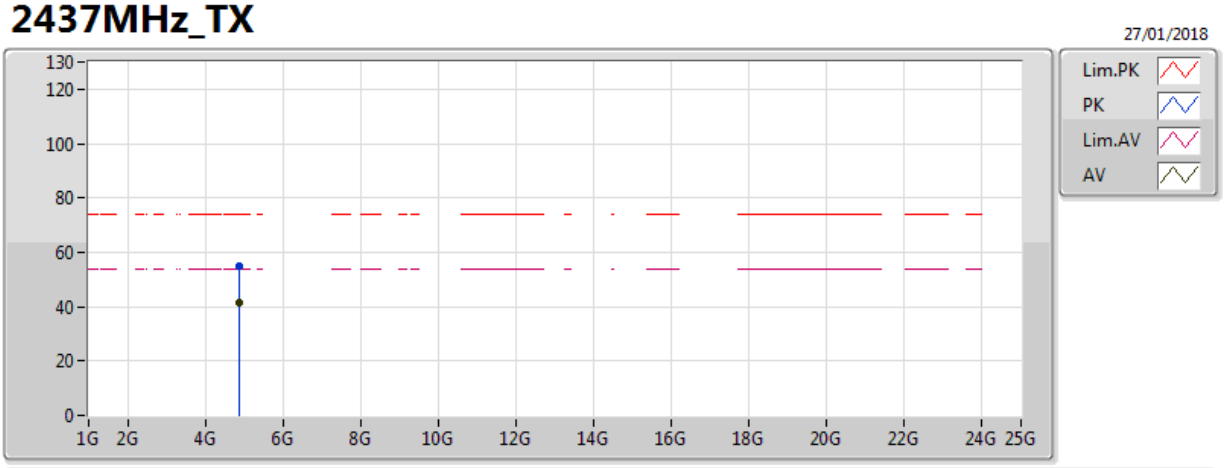


20180127
EUT Y_2TX
Setting 2A
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3858G	44.06	54.00	-9.94	32.17	3	Horizontal	329	2.14	-
AV	2.4382G	94.84	Inf	-Inf	32.31	3	Horizontal	329	2.14	-
AV	2.4946G	44.30	54.00	-9.70	32.44	3	Horizontal	329	2.14	-
PK	2.3742G	55.94	74.00	-18.06	32.14	3	Horizontal	329	2.14	-
PK	2.4382G	104.75	Inf	-Inf	32.31	3	Horizontal	329	2.14	-
PK	2.4914G	55.43	74.00	-18.57	32.44	3	Horizontal	329	2.14	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

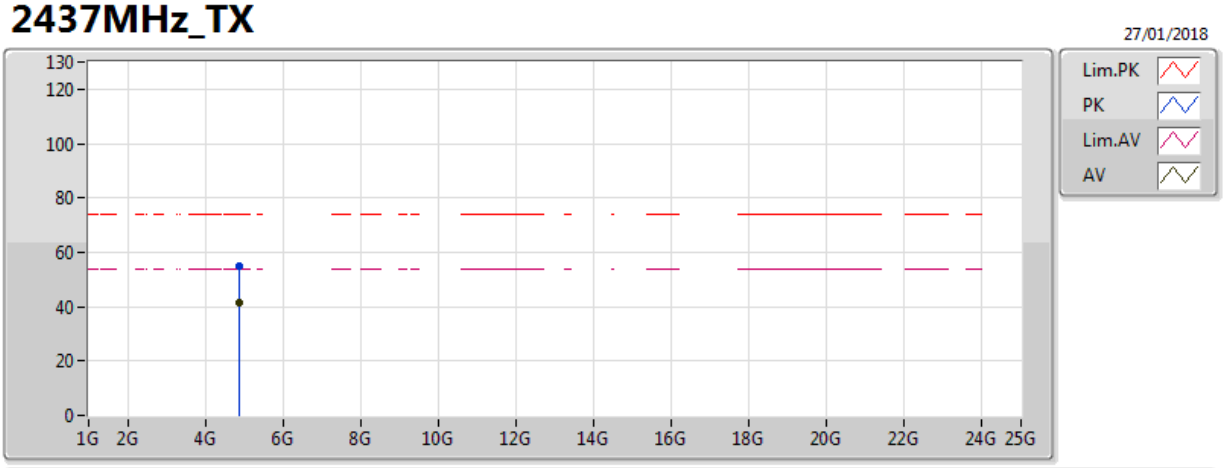


20180127
EUT Y_2TX
Setting 2A
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87456G	41.73	54.00	-12.27	4.93	3	Vertical	136	2.04	-
PK	4.87502G	55.15	74.00	-18.85	4.93	3	Vertical	136	2.04	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

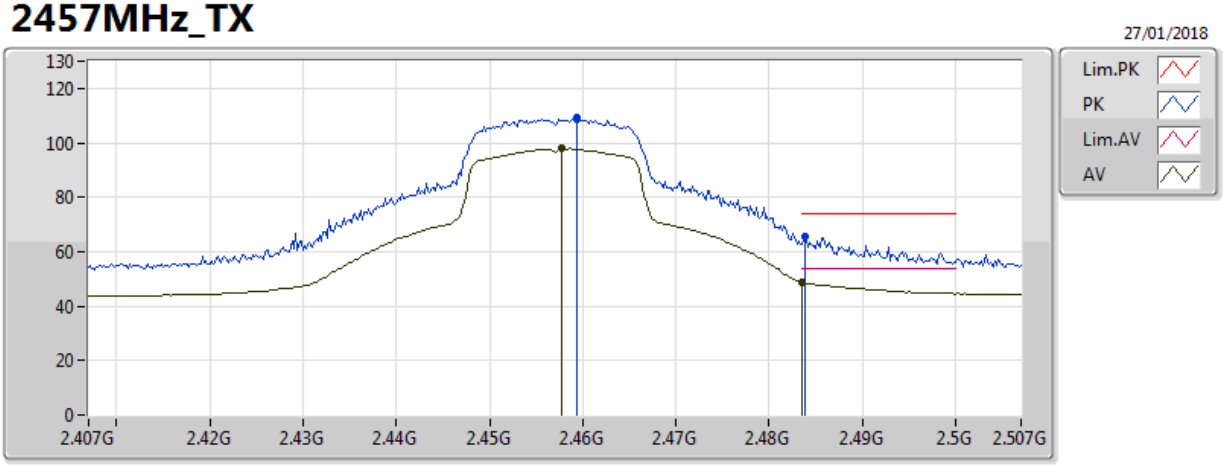


20180127
EUT Y_2TX
Setting 2A
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.8752G	41.67	54.00	-12.33	4.93	3	Horizontal	287	1.49	-
PK	4.87388G	54.78	74.00	-19.22	4.93	3	Horizontal	287	1.49	-

802.11n HT20_Nss1,(MCS0)_2TX

2457MHz_TX

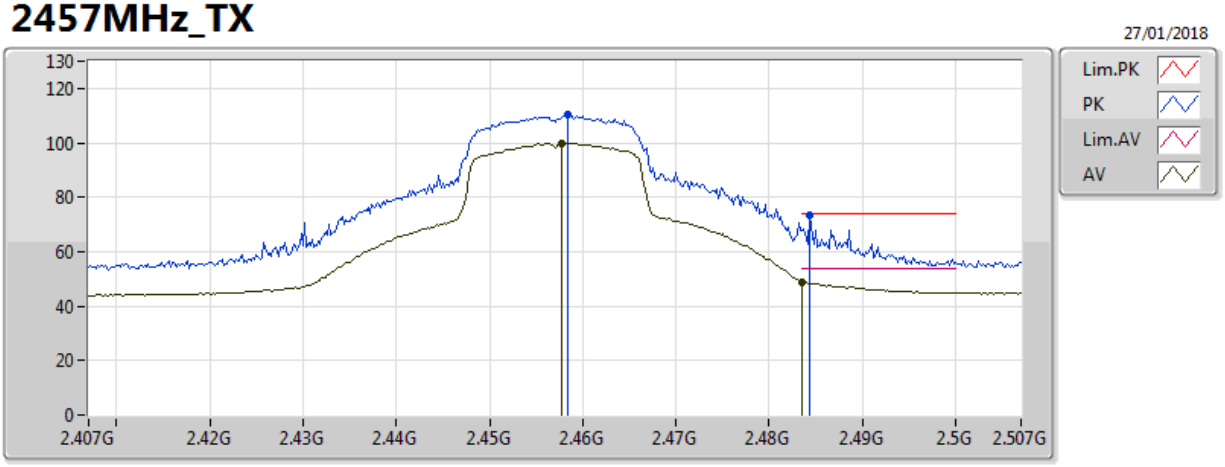


20180127
EUT Y_2TX
Setting 2A
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4578G	97.84	Inf	-Inf	32.36	3	Vertical	121	2.31	-
AV	2.483502G	48.90	54.00	-5.10	32.42	3	Vertical	121	2.31	-
PK	2.4594G	109.21	Inf	-Inf	32.36	3	Vertical	121	2.31	-
PK	2.4838G	65.74	74.00	-8.26	32.42	3	Vertical	121	2.31	-

802.11n HT20_Nss1,(MCS0)_2TX

2457MHz_TX

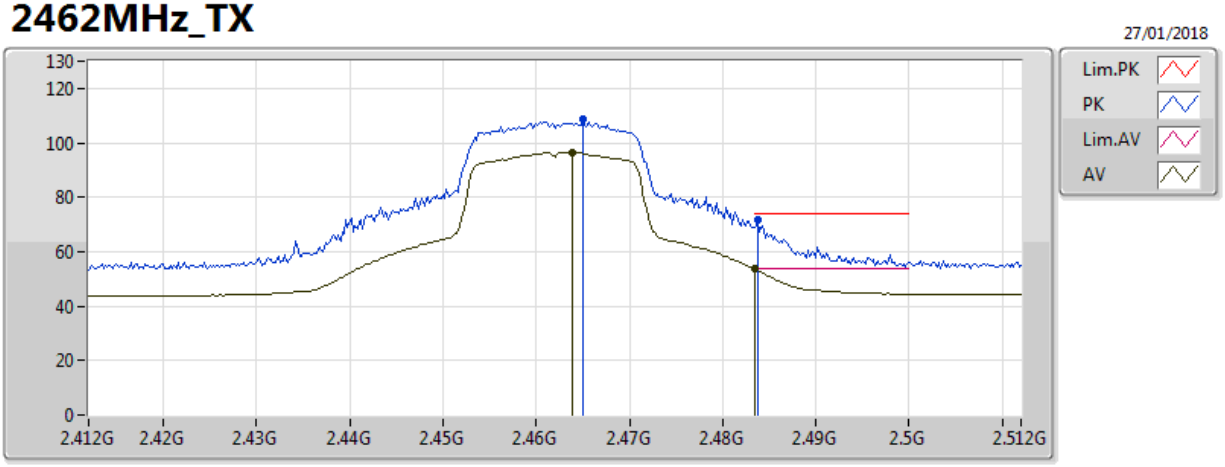


20180127
EUT Y_2TX
Setting 2A
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4578G	99.90	Inf	-Inf	32.36	3	Horizontal	103	2.50	-
AV	2.483502G	48.83	54.00	-5.17	32.42	3	Horizontal	103	2.50	-
PK	2.4584G	110.28	Inf	-Inf	32.36	3	Horizontal	103	2.50	-
PK	2.4844G	73.15	74.00	-0.85	32.42	3	Horizontal	103	2.50	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

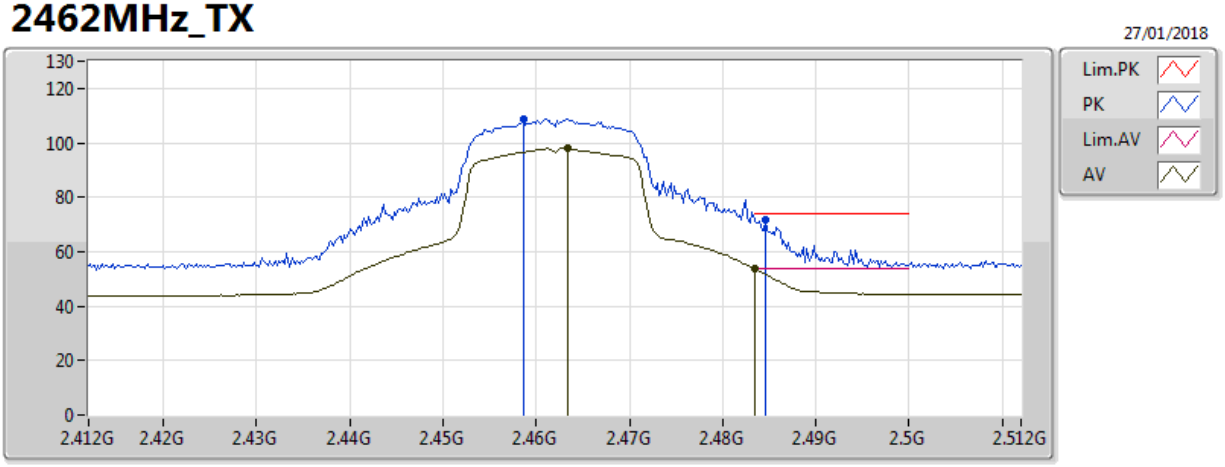


20180127
EUT Y_2TX
Setting 21
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4638G	96.47	Inf	-Inf	32.37	3	Vertical	121	2.40	-
AV	2.483502G	53.67	54.00	-0.33	32.42	3	Vertical	121	2.40	-
PK	2.465G	108.48	Inf	-Inf	32.37	3	Vertical	121	2.40	-
PK	2.4838G	71.52	74.00	-2.48	32.42	3	Vertical	121	2.40	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

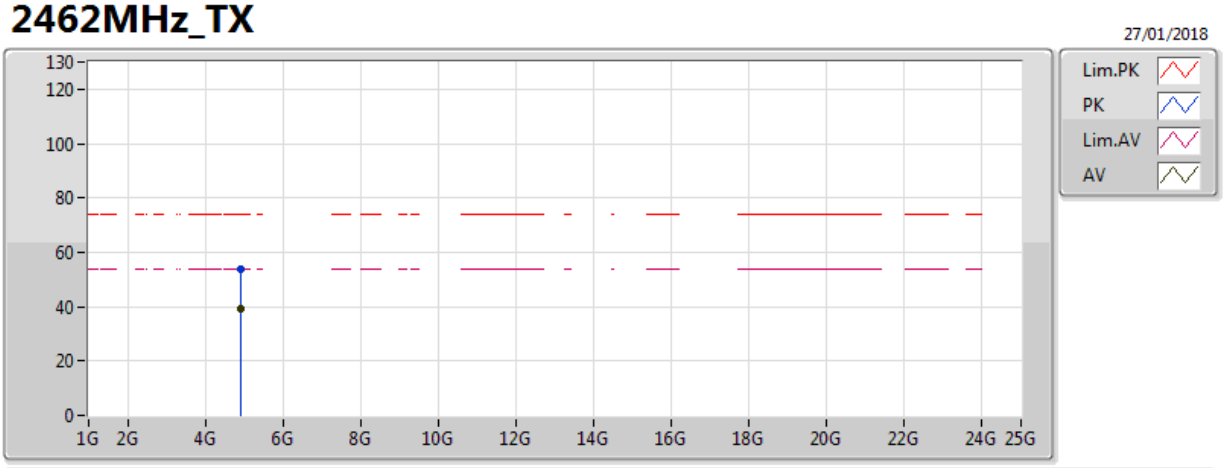


20180127
EUT Y_2TX
Setting 21
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4634G	97.94	Inf	-Inf	32.37	3	Horizontal	107	2.52	-
AV	2.483502G	53.89	54.00	-0.11	32.42	3	Horizontal	107	2.52	-
PK	2.4586G	108.77	Inf	-Inf	32.36	3	Horizontal	107	2.52	-
PK	2.4846G	71.61	74.00	-2.39	32.42	3	Horizontal	107	2.52	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

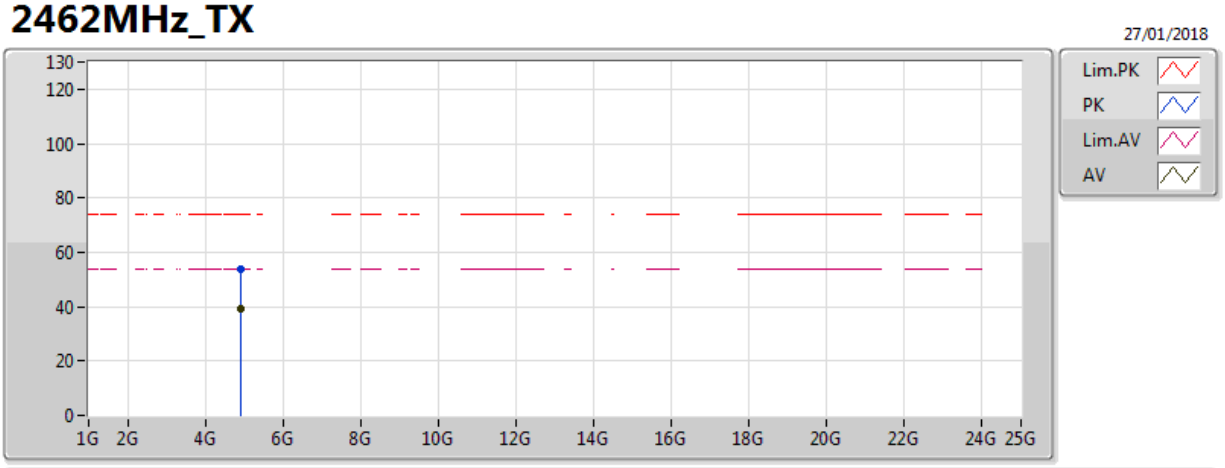


20180127
EUT Y_2TX
Setting 21
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.92272G	39.15	54.00	-14.85	4.99	3	Vertical	6	1.81	-
PK	4.9225G	53.53	74.00	-20.47	4.99	3	Vertical	6	1.81	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

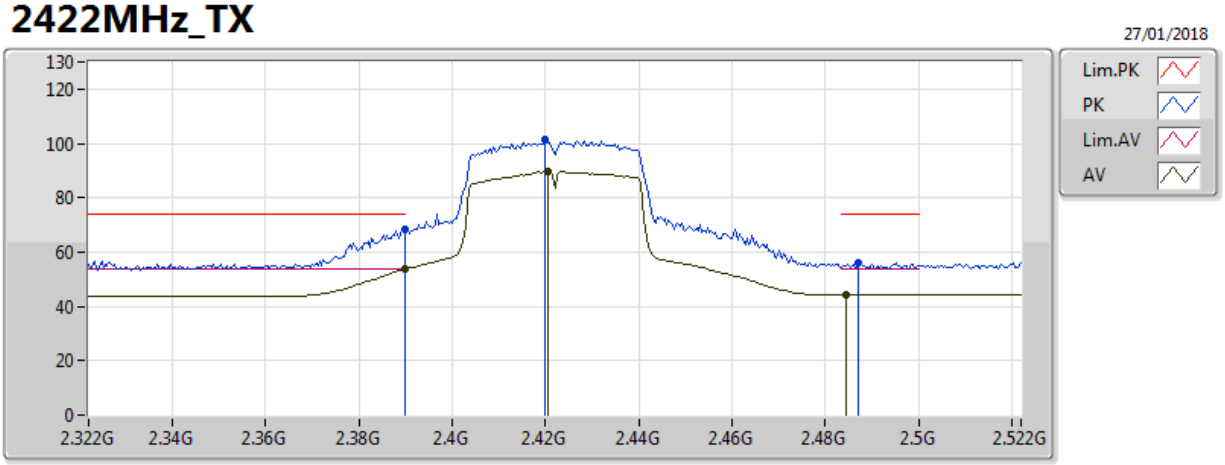


20180127
EUT Y_2TX
Setting 21
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.92264G	39.10	54.00	-14.90	4.99	3	Horizontal	280	2.20	-
PK	4.9274G	53.52	74.00	-20.48	5.00	3	Horizontal	280	2.20	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

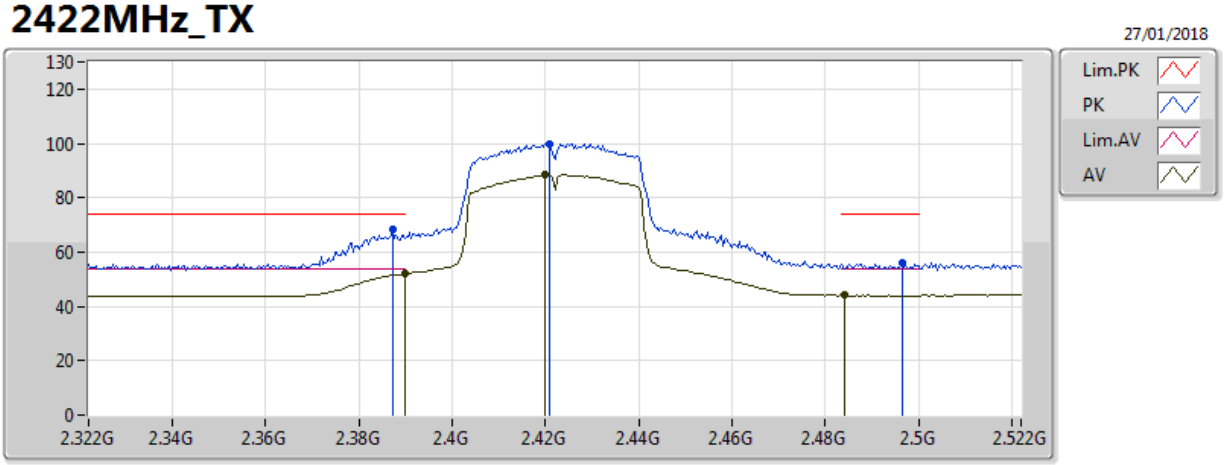


20180127
EUT Y_2TX
Setting 20
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	53.79	54.00	-0.21	32.18	3	Vertical	127	2.59	-
AV	2.4204G	89.69	Inf	-Inf	32.26	3	Vertical	127	2.59	-
AV	2.4844G	44.32	54.00	-9.68	32.42	3	Vertical	127	2.59	-
PK	2.39G	68.40	74.00	-5.60	32.18	3	Vertical	127	2.59	-
PK	2.42G	101.61	Inf	-Inf	32.26	3	Vertical	127	2.59	-
PK	2.4872G	56.27	74.00	-17.73	32.43	3	Vertical	127	2.59	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

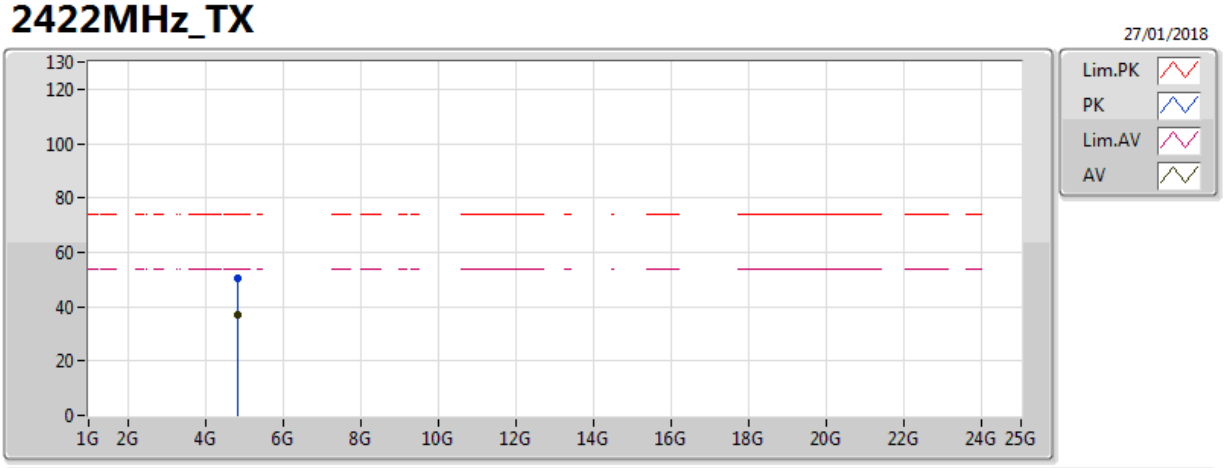


20180127
EUT Y_2TX
Setting 20
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	52.08	54.00	-1.92	32.18	3	Horizontal	328	2.08	-
AV	2.42G	88.52	Inf	-Inf	32.26	3	Horizontal	328	2.08	-
AV	2.484G	44.06	54.00	-9.94	32.42	3	Horizontal	328	2.08	-
PK	2.3872G	68.59	74.00	-5.41	32.18	3	Horizontal	328	2.08	-
PK	2.4208G	99.89	Inf	-Inf	32.26	3	Horizontal	328	2.08	-
PK	2.4964G	55.88	74.00	-18.12	32.45	3	Horizontal	328	2.08	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

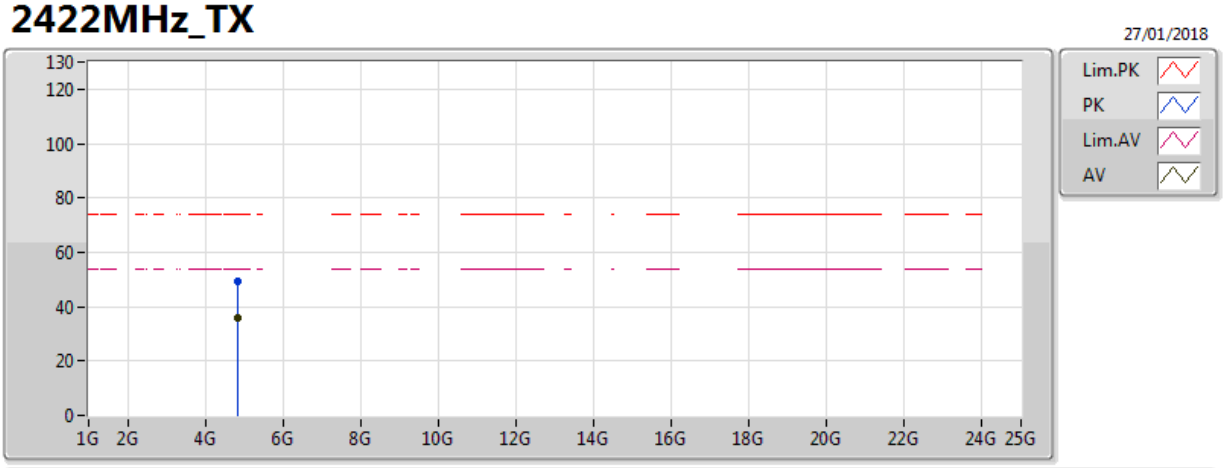


20180127
EUT Y_2TX
Setting 20
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.84282G	36.77	54.00	-17.23	4.89	3	Vertical	349	1.50	-
PK	4.84312G	50.20	74.00	-23.80	4.90	3	Vertical	349	1.50	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

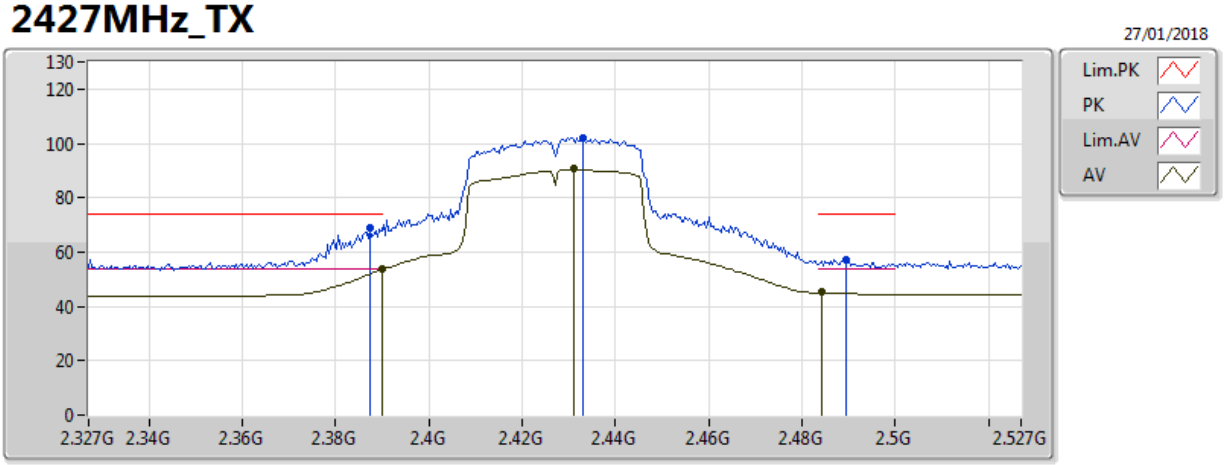


20180127
EUT Y_2TX
Setting 20
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.84428G	35.94	54.00	-18.06	4.90	3	Horizontal	201	1.26	-
PK	4.84356G	49.34	74.00	-24.66	4.90	3	Horizontal	201	1.26	-

802.11n HT40_Nss1,(MCS0)_2TX

2427MHz_TX

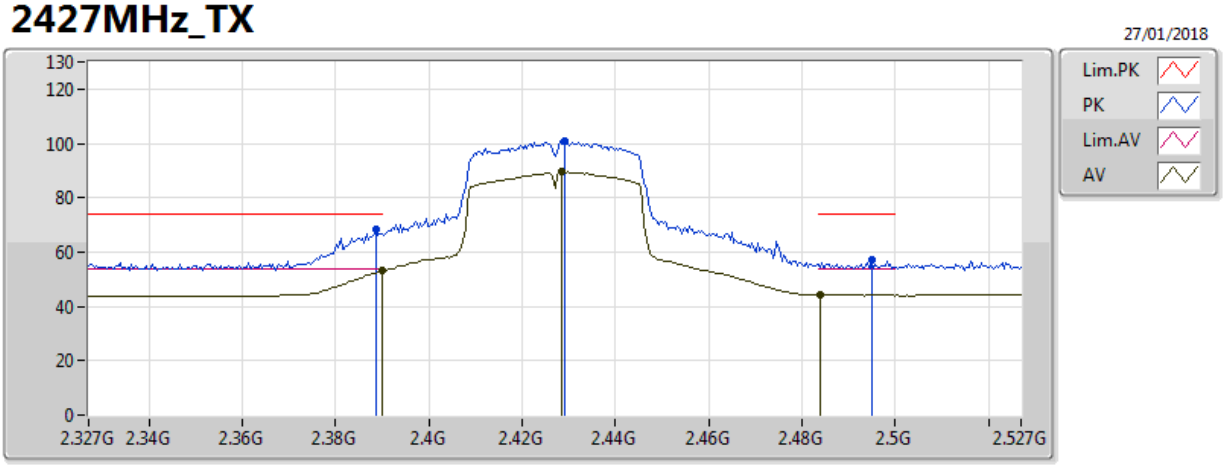


20180127
EUT Y_2TX
Setting 22
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	53.55	54.00	-0.45	32.18	3	Vertical	120	2.01	-
AV	2.431G	90.57	Inf	-Inf	32.29	3	Vertical	120	2.01	-
AV	2.4842G	45.19	54.00	-8.81	32.42	3	Vertical	120	2.01	-
PK	2.3874G	68.84	74.00	-5.16	32.18	3	Vertical	120	2.01	-
PK	2.433G	101.98	Inf	-Inf	32.29	3	Vertical	120	2.01	-
PK	2.4894G	57.13	74.00	-16.87	32.43	3	Vertical	120	2.01	-

802.11n HT40_Nss1,(MCS0)_2TX

2427MHz_TX

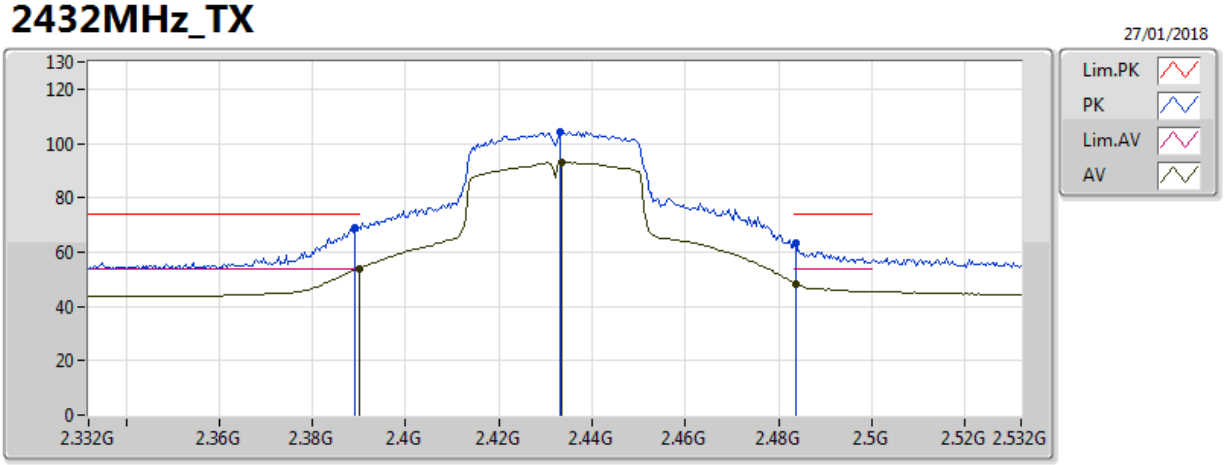


20180127
EUT Y_2TX
Setting 22
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	53.08	54.00	-0.92	32.18	3	Horizontal	327	2.13	-
AV	2.4286G	89.51	Inf	-Inf	32.28	3	Horizontal	327	2.13	-
AV	2.4838G	44.31	54.00	-9.69	32.42	3	Horizontal	327	2.13	-
PK	2.3886G	68.17	74.00	-5.83	32.18	3	Horizontal	327	2.13	-
PK	2.429G	101.12	Inf	-Inf	32.28	3	Horizontal	327	2.13	-
PK	2.495G	56.88	74.00	-17.12	32.45	3	Horizontal	327	2.13	-

802.11n HT40_Nss1,(MCS0)_2TX

2432MHz_TX

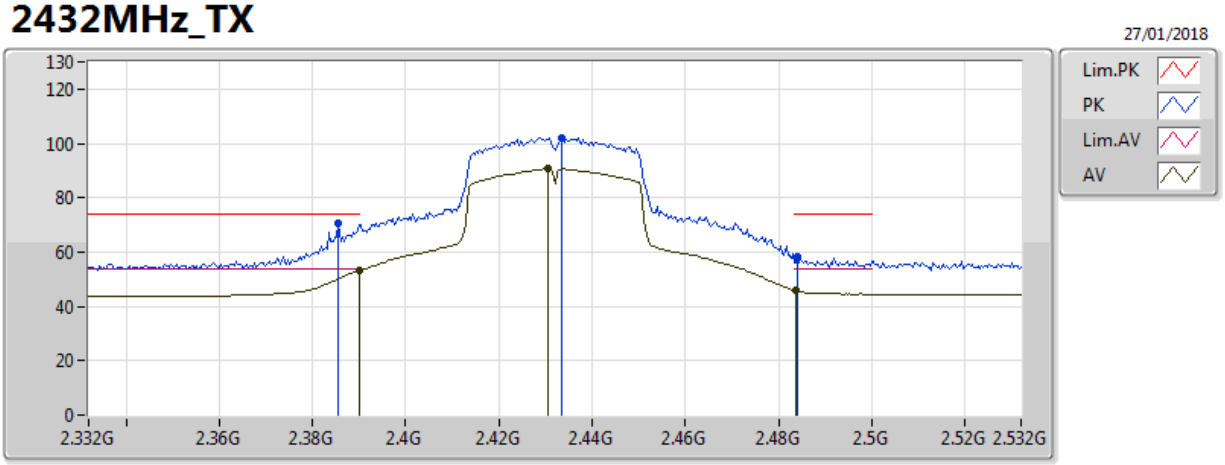


20180127
EUT Y_2TX
Setting 24
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	53.89	54.00	-0.11	32.18	3	Vertical	124	2.46	-
AV	2.4336G	93.06	Inf	-Inf	32.30	3	Vertical	124	2.46	-
AV	2.4836G	48.46	54.00	-5.54	32.42	3	Vertical	124	2.46	-
PK	2.3892G	68.76	74.00	-5.24	32.18	3	Vertical	124	2.46	-
PK	2.4332G	104.39	Inf	-Inf	32.30	3	Vertical	124	2.46	-
PK	2.4836G	63.49	74.00	-10.51	32.42	3	Vertical	124	2.46	-

802.11n HT40_Nss1,(MCS0)_2TX

2432MHz_TX

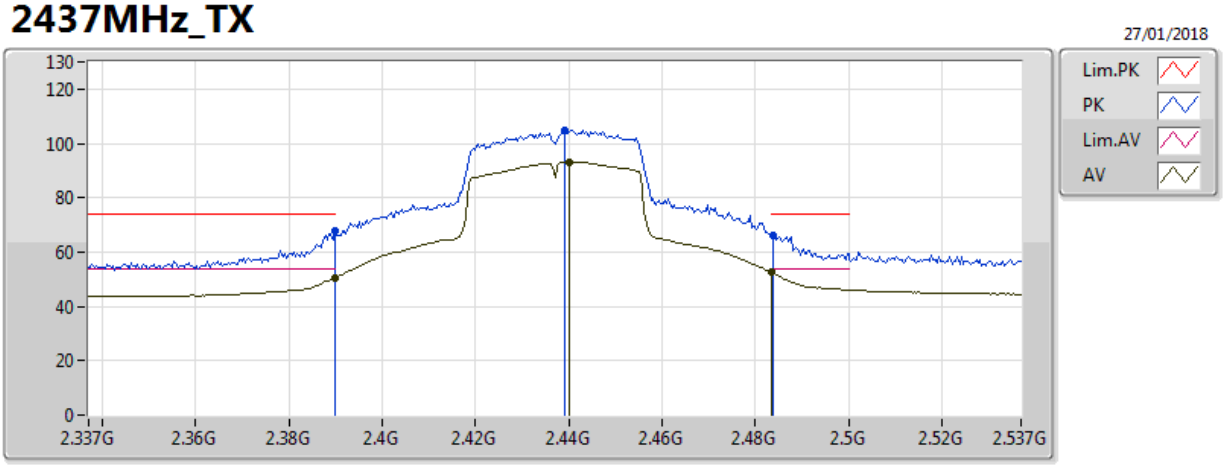


20180127
EUT Y_2TX
Setting 24
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	53.03	54.00	-0.97	32.18	3	Horizontal	329	2.12	-
AV	2.4304G	90.75	Inf	-Inf	32.29	3	Horizontal	329	2.12	-
AV	2.4836G	45.70	54.00	-8.30	32.42	3	Horizontal	329	2.12	-
PK	2.3856G	70.56	74.00	-3.44	32.17	3	Horizontal	329	2.12	-
PK	2.4336G	102.11	Inf	-Inf	32.30	3	Horizontal	329	2.12	-
PK	2.484G	58.11	74.00	-15.89	32.42	3	Horizontal	329	2.12	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

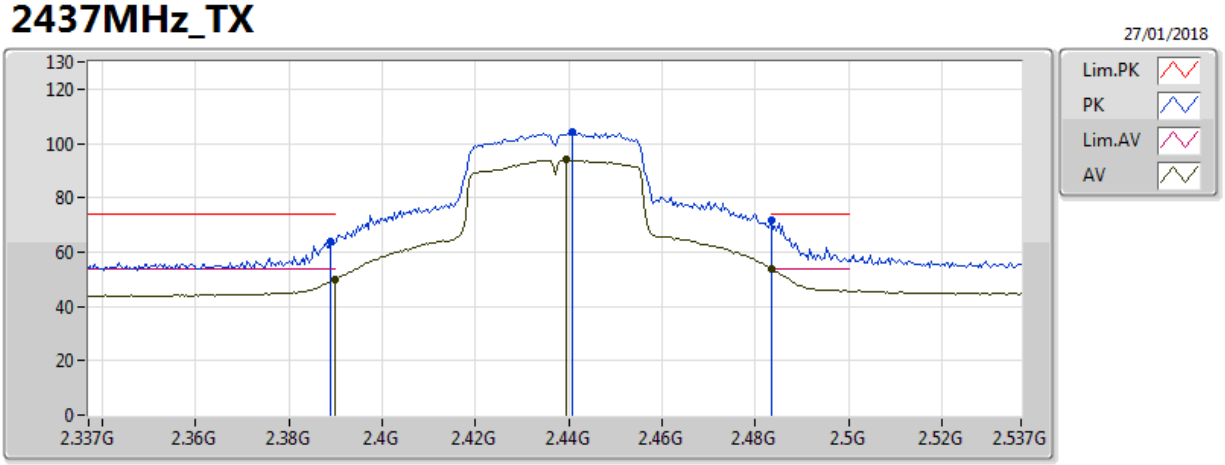


20180127
EUT Y_2TX
Setting 24
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	50.43	54.00	-3.57	32.18	3	Vertical	121	2.03	-
AV	2.4402G	93.25	Inf	-Inf	32.31	3	Vertical	121	2.03	-
AV	2.483502G	52.72	54.00	-1.28	32.42	3	Vertical	121	2.03	-
PK	2.389998G	67.66	74.00	-6.34	32.18	3	Vertical	121	2.03	-
PK	2.439G	105.05	Inf	-Inf	32.31	3	Vertical	121	2.03	-
PK	2.4838G	66.22	74.00	-7.78	32.42	3	Vertical	121	2.03	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

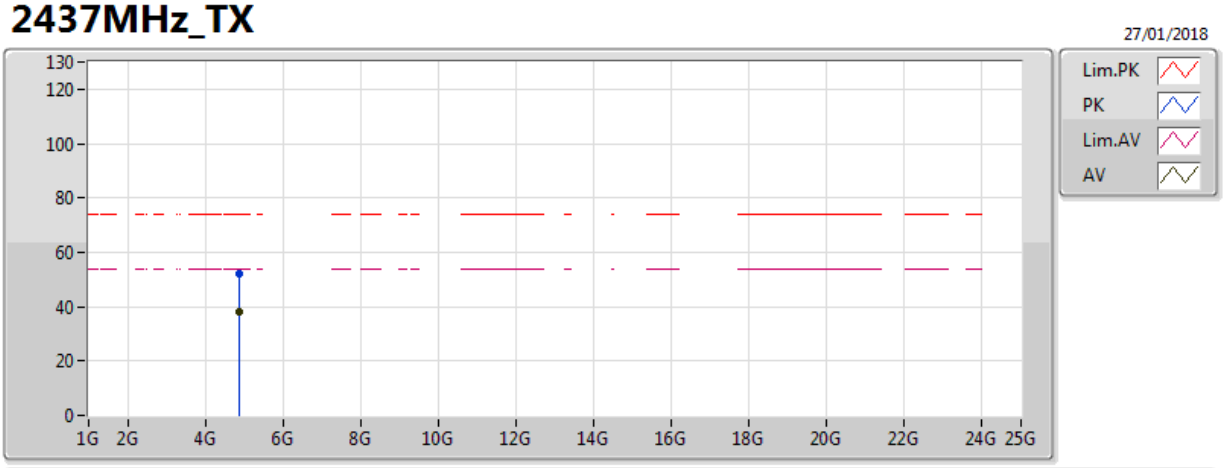


20180127
EUT Y_2TX
Setting 24
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	50.01	54.00	-3.99	32.18	3	Horizontal	104	2.31	-
AV	2.4394G	93.90	Inf	-Inf	32.31	3	Horizontal	104	2.31	-
AV	2.483502G	53.89	54.00	-0.11	32.42	3	Horizontal	104	2.31	-
PK	2.389G	63.65	74.00	-10.35	32.18	3	Horizontal	104	2.31	-
PK	2.4406G	104.04	Inf	-Inf	32.31	3	Horizontal	104	2.31	-
PK	2.483502G	71.59	74.00	-2.41	32.42	3	Horizontal	104	2.31	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

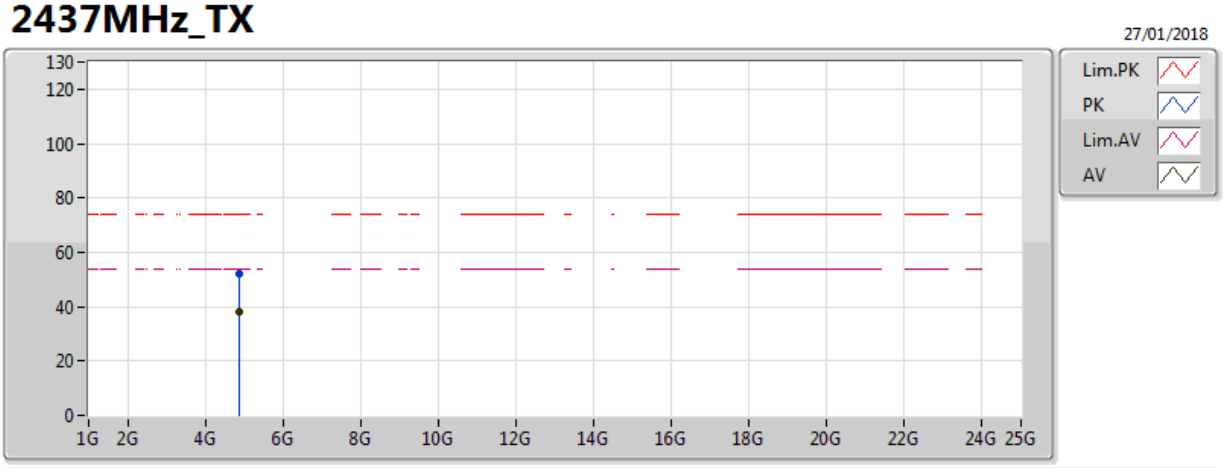


20180127
EUT Y_2TX
Setting 24
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87388G	38.38	54.00	-15.62	4.93	3	Vertical	37	1.06	-
PK	4.87424G	51.94	74.00	-22.06	4.93	3	Vertical	37	1.06	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

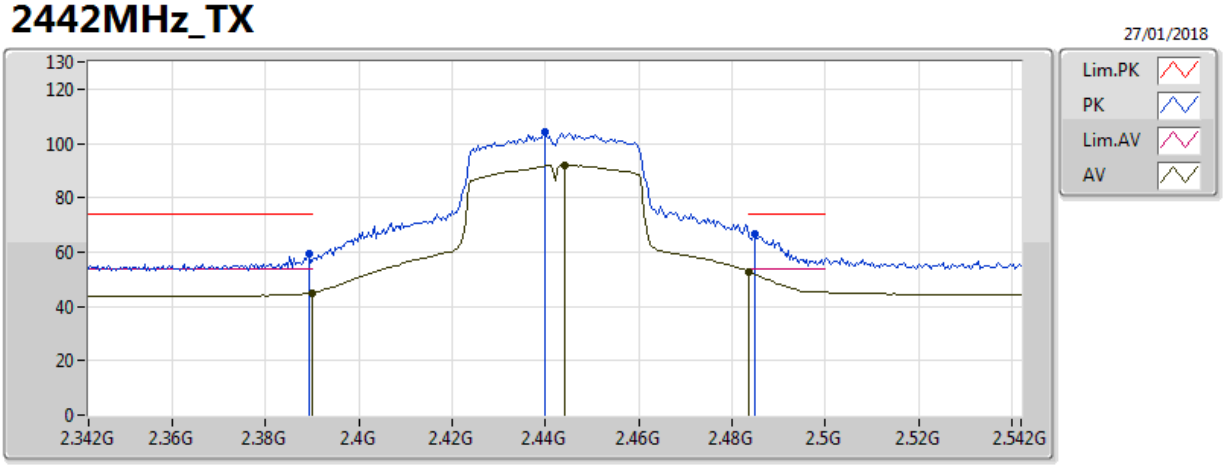


20180127
EUT Y_2TX
Setting 24
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.8742G	38.38	54.00	-15.62	4.93	3	Horizontal	51	2.36	-
PK	4.87356G	52.00	74.00	-22.00	4.93	3	Horizontal	51	2.36	-

802.11n HT40_Nss1,(MCS0)_2TX

2442MHz_TX

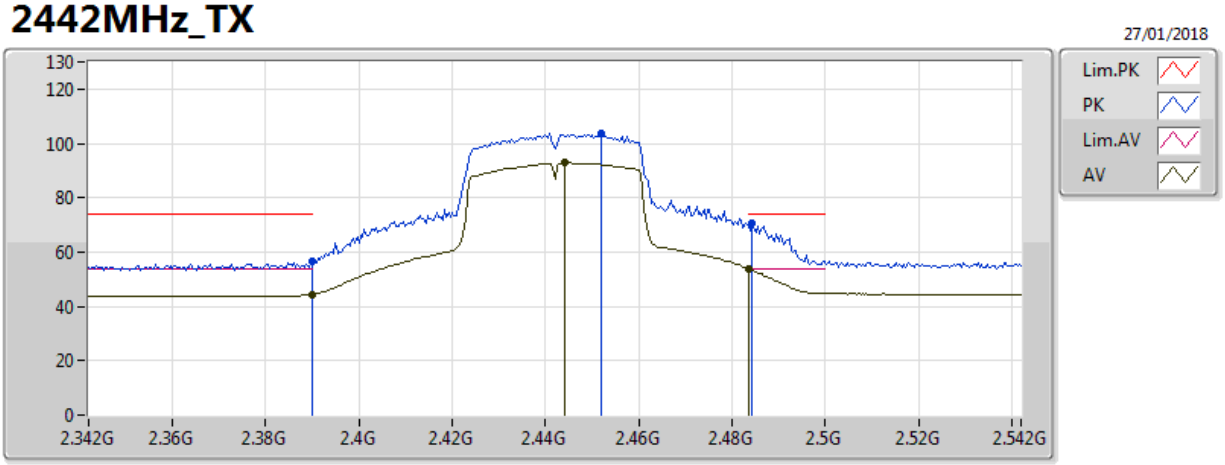


20180127
EUT Y_2TX
Setting 21
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	44.95	54.00	-9.05	32.18	3	Vertical	123	2.36	-
AV	2.444G	91.97	Inf	-Inf	32.32	3	Vertical	123	2.36	-
AV	2.4836G	52.62	54.00	-1.38	32.42	3	Vertical	123	2.36	-
PK	2.3892G	59.14	74.00	-14.86	32.18	3	Vertical	123	2.36	-
PK	2.44G	104.05	Inf	-Inf	32.31	3	Vertical	123	2.36	-
PK	2.4848G	66.53	74.00	-7.47	32.42	3	Vertical	123	2.36	-

802.11n HT40_Nss1,(MCS0)_2TX

2442MHz_TX

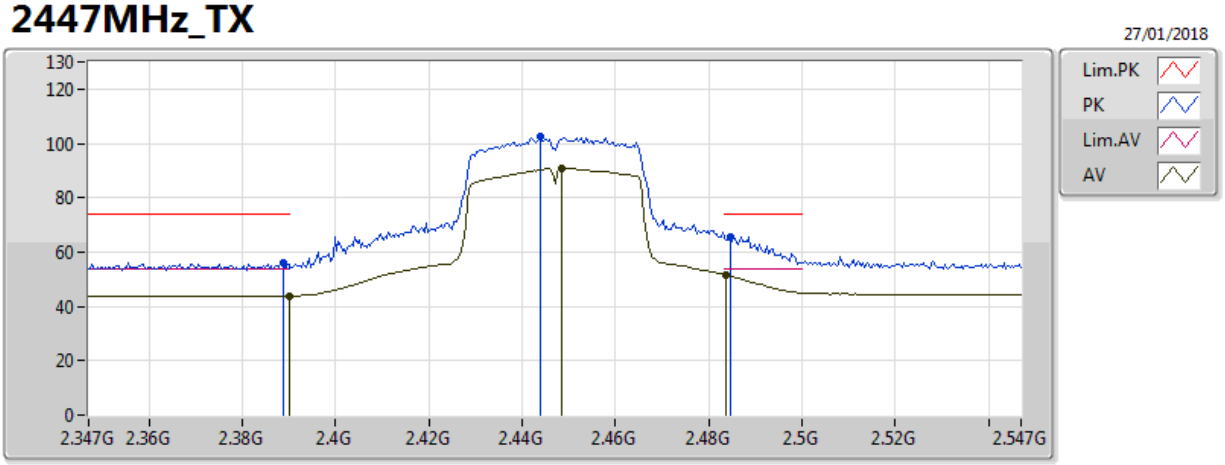


20180127
EUT Y_2TX
Setting 21
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	44.48	54.00	-9.52	32.18	3	Horizontal	105	2.24	-
AV	2.444G	92.82	Inf	-Inf	32.32	3	Horizontal	105	2.24	-
AV	2.4836G	53.85	54.00	-0.15	32.42	3	Horizontal	105	2.24	-
PK	2.39G	56.33	74.00	-17.67	32.18	3	Horizontal	105	2.24	-
PK	2.452G	103.44	Inf	-Inf	32.34	3	Horizontal	105	2.24	-
PK	2.4844G	70.53	74.00	-3.47	32.42	3	Horizontal	105	2.24	-

802.11n HT40_Nss1,(MCS0)_2TX

2447MHz_TX

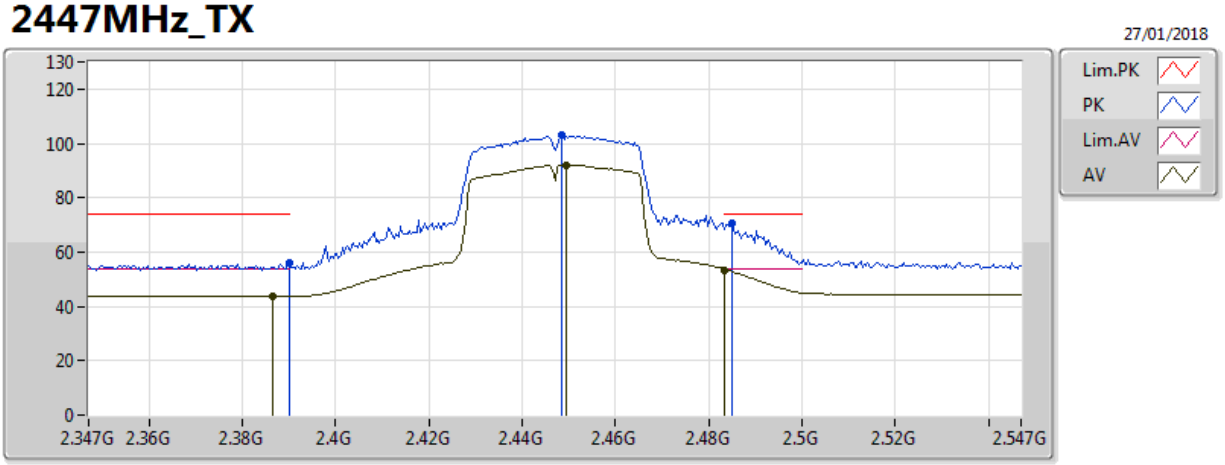


20180127
EUT Y_2TX
Setting 1F
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389998G	43.92	54.00	-10.08	32.18	3	Vertical	125	2.27	-
AV	2.4486G	90.83	Inf	-Inf	32.33	3	Vertical	125	2.27	-
AV	2.4838G	51.55	54.00	-2.45	32.42	3	Vertical	125	2.27	-
PK	2.3886G	55.88	74.00	-18.12	32.18	3	Vertical	125	2.27	-
PK	2.4438G	102.80	Inf	-Inf	32.32	3	Vertical	125	2.27	-
PK	2.4846G	65.72	74.00	-8.28	32.42	3	Vertical	125	2.27	-

802.11n HT40_Nss1,(MCS0)_2TX

2447MHz_TX

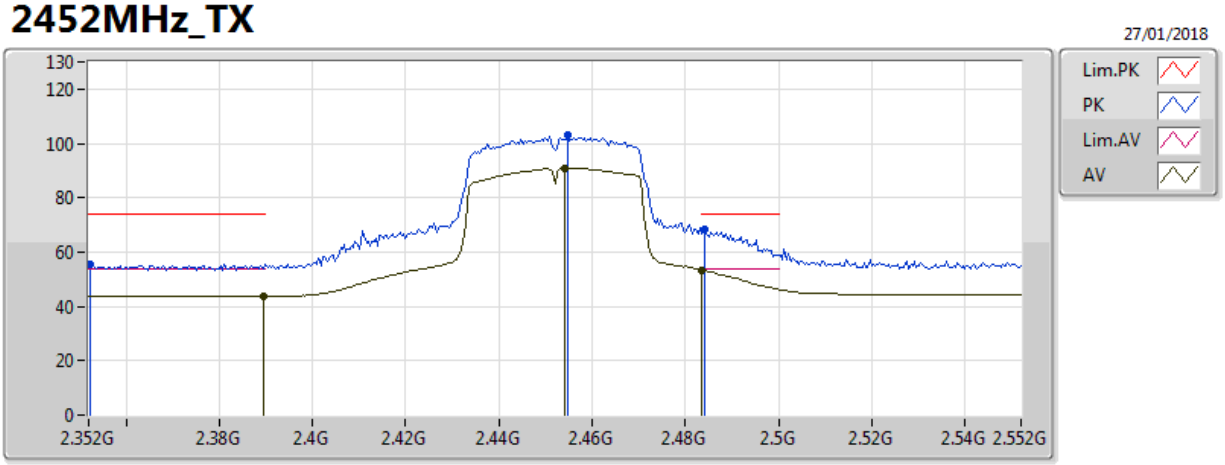


20180127
EUT Y_2TX
Setting 1F
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3866G	43.77	54.00	-10.23	32.17	3	Horizontal	101	2.36	-
AV	2.4494G	92.15	Inf	-Inf	32.33	3	Horizontal	101	2.36	-
AV	2.483502G	53.47	54.00	-0.53	32.42	3	Horizontal	101	2.36	-
PK	2.389998G	56.16	74.00	-17.84	32.18	3	Horizontal	101	2.36	-
PK	2.4486G	102.91	Inf	-Inf	32.33	3	Horizontal	101	2.36	-
PK	2.485G	70.64	74.00	-3.36	32.42	3	Horizontal	101	2.36	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

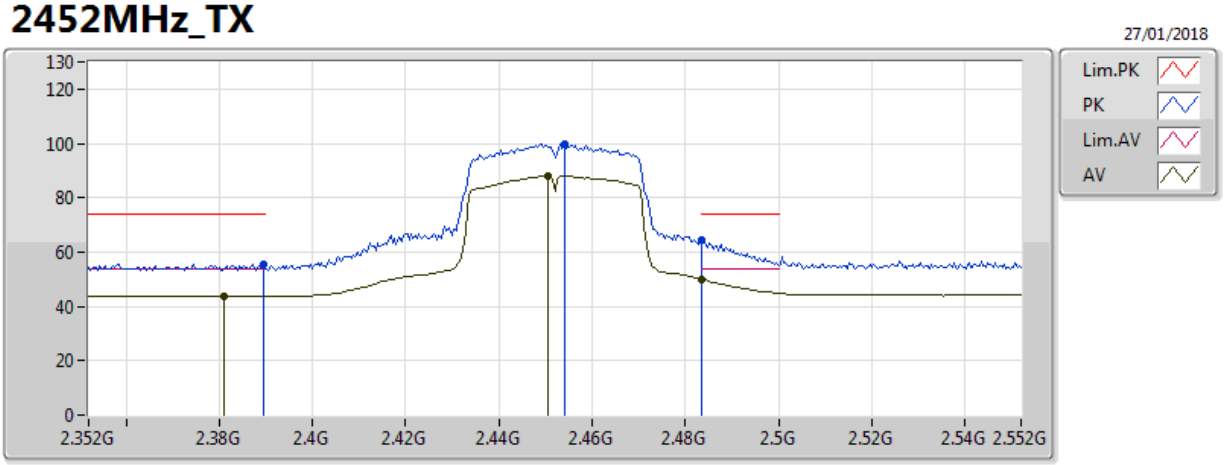


20180127
EUT Y_2TX
Setting 1F
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3896G	43.78	54.00	-10.22	32.18	3	Vertical	124	2.30	-
AV	2.454G	90.87	Inf	-Inf	32.35	3	Vertical	124	2.30	-
AV	2.4836G	53.35	54.00	-0.65	32.42	3	Vertical	124	2.30	-
PK	2.3524G	55.73	74.00	-18.27	32.07	3	Vertical	124	2.30	-
PK	2.4548G	103.29	Inf	-Inf	32.35	3	Vertical	124	2.30	-
PK	2.484G	68.37	74.00	-5.63	32.42	3	Vertical	124	2.30	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

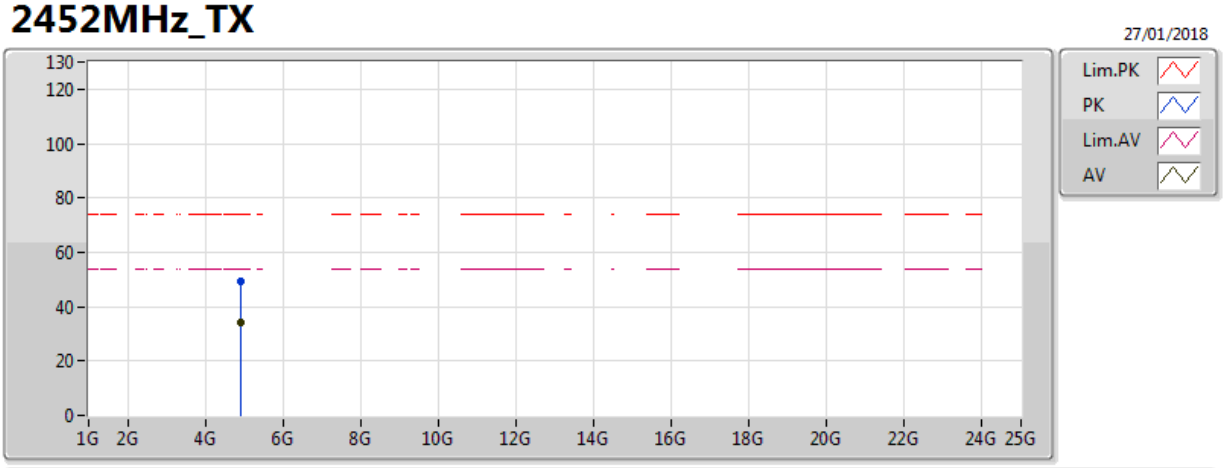


20180127
EUT Y_2TX
Setting 1F
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3812G	43.69	54.00	-10.31	32.16	3	Horizontal	330	2.30	-
AV	2.4504G	88.06	Inf	-Inf	32.34	3	Horizontal	330	2.30	-
AV	2.4836G	49.98	54.00	-4.02	32.42	3	Horizontal	330	2.30	-
PK	2.3896G	55.70	74.00	-18.30	32.18	3	Horizontal	330	2.30	-
PK	2.454G	99.94	Inf	-Inf	32.35	3	Horizontal	330	2.30	-
PK	2.4836G	64.69	74.00	-9.31	32.42	3	Horizontal	330	2.30	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

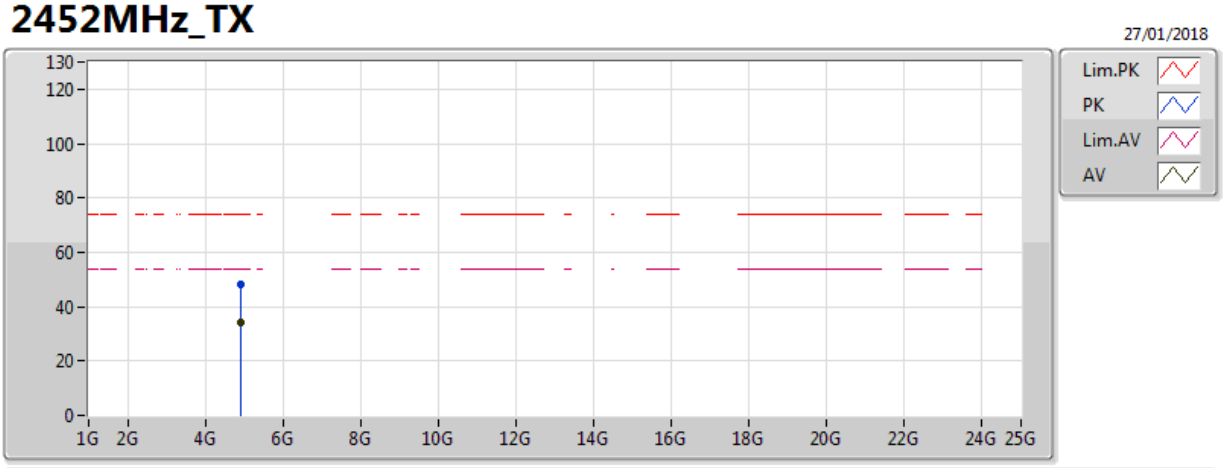


20180127
EUT Y_2TX
Setting 1F
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.89924G	34.23	54.00	-19.77	4.96	3	Vertical	269	1.97	-
PK	4.89948G	49.10	74.00	-24.90	4.96	3	Vertical	269	1.97	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX



20180127
EUT Y_2TX
Setting 1F
03-E-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.899G	34.18	54.00	-19.82	4.96	3	Horizontal	244	1.88	-
PK	4.90374G	47.95	74.00	-26.05	4.97	3	Horizontal	244	1.88	-