FCC RADIO TEST REPORT

FCC ID	:	2AGMRTRM9992G
Equipment	:	802.11bgn WiFi Radio Module
Brand Name	:	EVEREST™ Network Solutions
Model Name	:	TRM9992G
Applicant	:	Tembo Systems, Inc. 2933 Bunker Hill lane, Suite 100, Santa Clara, CA 95054 U.S.A
Manufacturer	:	Tembo Systems, Inc. 2933 Bunker Hill lane, Suite 100, Santa Clara, CA 95054 U.S.A
Standard	:	47 CFR FCC Part 15.247

The product was received on Apr. 25, 2018, and testing was started from May 15, 2018 and completed on Jun. 12, 2018. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

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

Approved by: Sam Chen

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

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History of this test report

Report No.	Version	Description	Issued Date
FR650411-07	01	Initial issue of report	Jun. 19, 2018
FR650411-07	02	Changing the antenna photo, so updated the Photographs of EUT to “Version 02”.	Jun. 19, 2018

Summary of Test Result

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

Reviewed by: Sam Chen
Report Producer: Cindy Peng

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
2400-2483.5	b, g, n (HT20), ac (VHT20)	2412-2462	1-11 [11]
2400-2483.5	n (HT40), ac (VHT40)	2422-2452	3-9 [7]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	2TX, 4TX
2.4-2.4835GHz	802.11g	20	2TX, 4TX
2.4-2.4835GHz	802.11n HT20	20	2TX, 4TX
2.4-2.4835GHz	802.11n HT20-BF	20	2TX, 4TX
2.4-2.4835GHz	802.11ac VHT20	20	2TX, 4TX
2.4-2.4835GHz	802.11ac VHT20-BF	20	2TX, 4TX
2.4-2.4835GHz	802.11n HT40	40	2TX, 4TX
2.4-2.4835GHz	802.11n HT40-BF	40	2TX, 4TX
2.4-2.4835GHz	802.11ac VHT40	40	2TX, 4TX
2.4-2.4835GHz	802.11ac VHT40-BF	40	2TX, 4TX

Note:
- 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- BWch is the nominal channel bandwidth.
- Nss-Min is the minimum number of spatial streams.
- Nant is the number of outputs. e.g., 2(2,3) means have 2 outputs for port 2 and port 3. 2 means have 2 outputs for port 1 and port 2.

1.1.2 Antenna Information

Ant.	Brand Holder	Model Name	Antenna Type	Connector	Gain (dBi)	TX/RX Function	Host System Model
1	Tembo Systems Inc.	PCA-000008-XXX-X	Directional Antenna	I-PEX	Note	2TX/2RX	AP1004NRe series
2	Tembo Systems Inc.	PCA-000006-000-X/ PCB-000015-XXX-X	OMNI Antenna	I-PEX	Note	4TX/4RX	AP1004WRe series
3	Tembo Systems Inc.	PCA-000045-000-X	Directional Antenna	I-PEX	Note	4TX/4RX	AP1004UNe series

Ant.	Tested Antenna Gain (dBi)	Cable loss (dB)	Tested net antenna gain (dBi)	Certified Net Antenna Gain (dBi)	Array Gain (dBi)
1	13.5	1.2	12.3	13	0
3	11.5	1.2	10.3	10.5	0.5

Ant.	Gain (dBi)	Cable loss	True Gain (dBi)	Array Gain (dBi)
2	6.44	0.9	5.54	3

Note 1: **For Ant. 1:**

The EUT is a limited module which only limited to the host (model: AP1004NRe series).

The EUT was installed to the host (model: AP1004NRe series) to perform all the tests.

For Ant. 2:

The EUT is a limited module which only limited to the host (model: AP1004WRe series).

The EUT was installed to the host (model: AP1004WRe series) to perform all the tests.

For Ant. 3:

The EUT is a limited module which only limited to the host (model: AP1004UNe series).

The EUT was installed to the host (model: AP1004UNe series) to perform all the tests.

Note 2: The EUT has three antennas.

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

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

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

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

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

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.996	0.017	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.966	0.15	2.03m	1k
802.11ac VHT20	0.986	0.061	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT20-BF	0.948	0.232	1.755m	1k
802.11ac VHT40	0.972	0.123	2.418m	1k
802.11ac VHT40-BF	0.954	0.205	1.69m	1k

1.1.4 EUT Operational Condition

EUT Power Type	From host system			
Beamforming Function	☒	With beamforming for 802. 11n/ac.	☐	Without beamforming
Function	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	For non-beamforming mode: QRCT Ver3.0.210.0			
	For beamforming mode: Telnet			

1.1.5 Table for Class II Change

This product is an extension of original one reported under Sporton project number: FR650411-04

Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
1. Adding the third set antenna with same antenna type (Directional Antenna), and the gain is lower than the original's gain. (Antenna type: Directional Ant. / Brand holder: Tembo Systems Inc. /Part Number: PCA-000045-000-X). 2. The third set antenna support 4TX/4RX but the original directional antenna support 2TX/2RX. Note: According the modification above, only available for the host system Model Name: AP1004UNe series.	All test items.
3. Adding brand name "EVERESTTM Network Solutions".	It does not affect the test.

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, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)		
		TEL	:	886-3-327-3456	FAX	: 886-3-327-0973
☒	JHUBEI	ADD	:	No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.		
		TEL	:	886-3-656-9065	FAX	: 886-3-656-9085

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-CB	Owen Hsu	25°C / 55%	May 17, 2018~Jun. 06, 2018
Radiated	03CH01-CB	Eddie Weng, Ekko Hsieh	25°C / 45%	May 15, 2018~Jun. 07, 2018
AC Conduction	CO01-CB	Max Lin	24°C / 57%	Jun. 12, 2018

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

1.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.2 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.7 dB	Confidence levels of 95%
Output Power Measurement	1.33 dB	Confidence levels of 95%
Power Density Measurement	1.27 dB	Confidence levels of 95%
Bandwidth Measurement	9.74×10^{-8}	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	PowerSetting
802.11b_Nss1,(1Mbps)_4TX	-
2412MHz	16.5
2437MHz	16
2462MHz	16
802.11g_Nss1,(6Mbps)_4TX	-
2412MHz	13.5
2417MHz	17
2437MHz	17
2457MHz	17
2462MHz	13.5
802.11ac VHT20_Nss1,(MCS0)_4TX	-
2412MHz	12.5
2417MHz	17
2437MHz	17
2457MHz	17
2462MHz	13
802.11ac VHT40_Nss1,(MCS0)_4TX	-
2422MHz	10
2427MHz	14
2437MHz	14
2447MHz	14
2452MHz	12
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-
2412MHz	18
2417MHz	22
2437MHz	22
2457MHz	22
2462MHz	20
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-
2422MHz	16
2427MHz	20
2437MHz	20
2447MHz	20
2452MHz	17

Note:
- VHT20/VHT40 covers HT20/HT40, due to same modulation. The power setting for 802.11n HT20 and HT40 are the same or lower than 802.11ac VHT20 and VHT40.
- There are two modes of EUT, one is beamforming mode, and the other is non-beamforming mode for 802.11n/ac. All test results were recorded in this report.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	Normal Link
1	AP Mode with Ant.3
2	Repeater Mode with Ant.3
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.

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
1	EUT X axis - AP Mode with Ant.3
2	EUT Y axis - AP Mode with Ant.3
Mode 1 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	EUT X axis - Repeater Mode with Ant.3
For operating mode 3 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
1	EUT X axis with Ant.3
2	EUT Y axis with Ant.3
Mode 1 has been evaluated to be the worst case after evaluating. Consequently, measurement will follow this same test mode.	

2.3 EUT Operation during Test

For CTX Mode:

For non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

For beamforming mode:

During the test, the following programs under WIN 7 were executed.
The program was executed as follows:
1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under Telnet.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by RX Device and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

N/A

2.5 Support Equipment

For Test Site No: CO01-CB

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB	DELL	E6430	N/A
2	PC*2	DELL	T3400	N/A
3	Switch*2	NETGEAR	XS724EM	N/A
4	PoE*2	YAMAHA	YPS-PoE-AT	N/A
5	Host system	EVEREST™ Network Solutions	AP1004UNe series	N/A

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

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB*2	Apple	Mac Book	N/A
2	AP Router	Delta Networks	AP1004UNe	N/A
3	PC*2	DELL	T3400	N/A
4	Switch*2	NETGEAR	XS512EM	N/A
5	PoE*4	ZyXEL	PoE12-HP	N/A
6	Host system	EVEREST™ Network Solutions	AP1004UNe series	N/A

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

For non-beamforming mode:

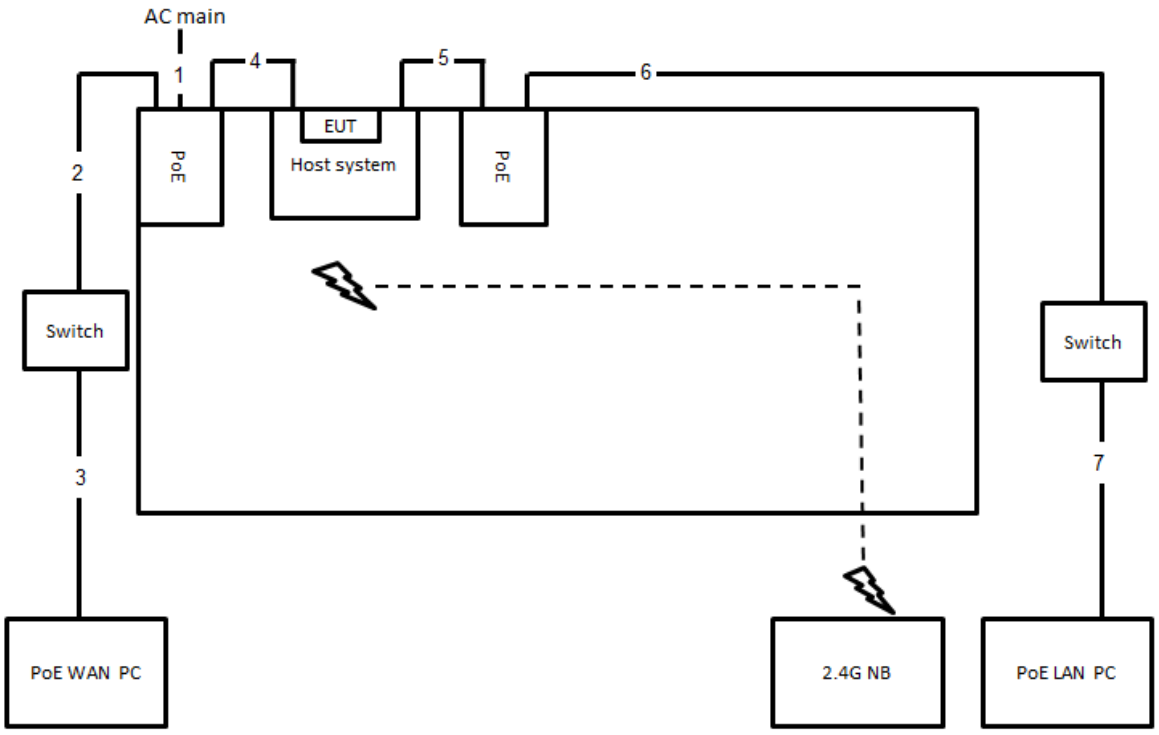
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB	DELL	E4300	N/A
2	PoE*2	ZyXEL	PoE12-HP	N/A
3	Host system	EVEREST™ Network Solutions	AP1004UNe series	N/A

For beamforming mode:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB*2	DELL	E4300	N/A
2	PoE*2	ZyXEL	PoE12-HP	N/A
3	Host system	EVEREST™ Network Solutions	AP1004UNe series	N/A
4	WLAN AP (RX Device)	NETGEAR	R7800	N/A

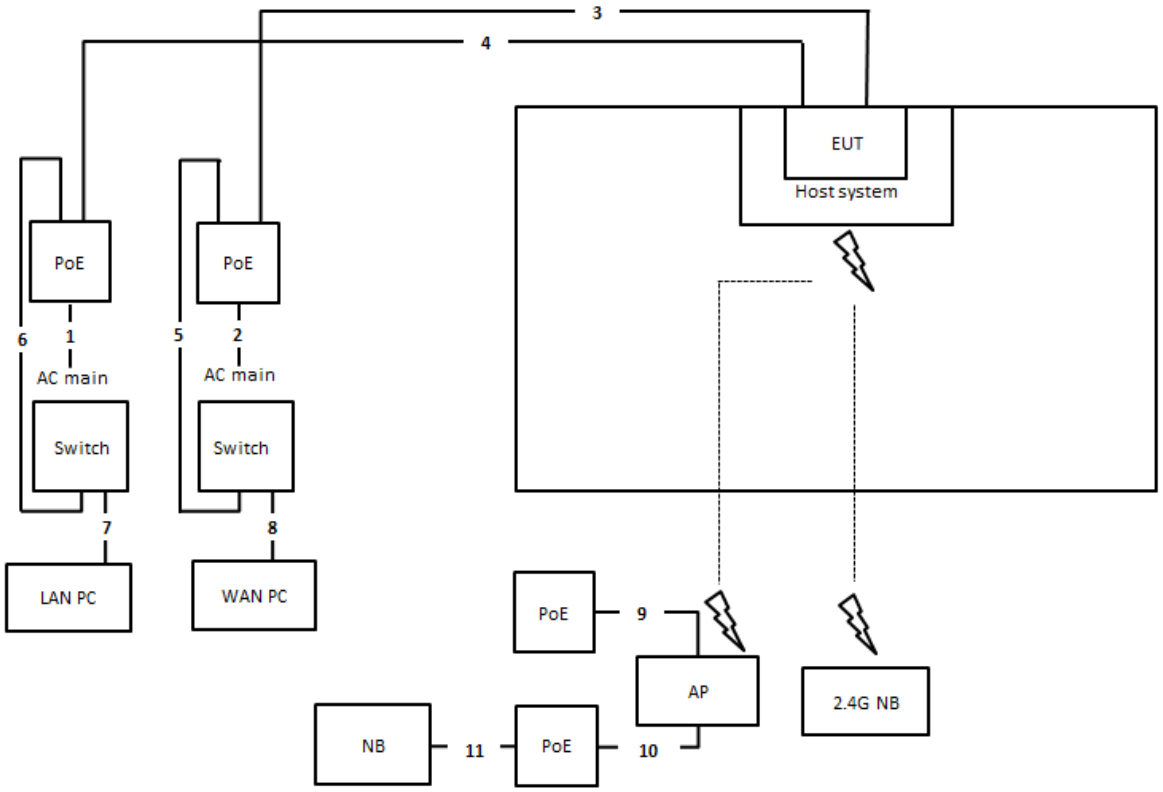
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



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

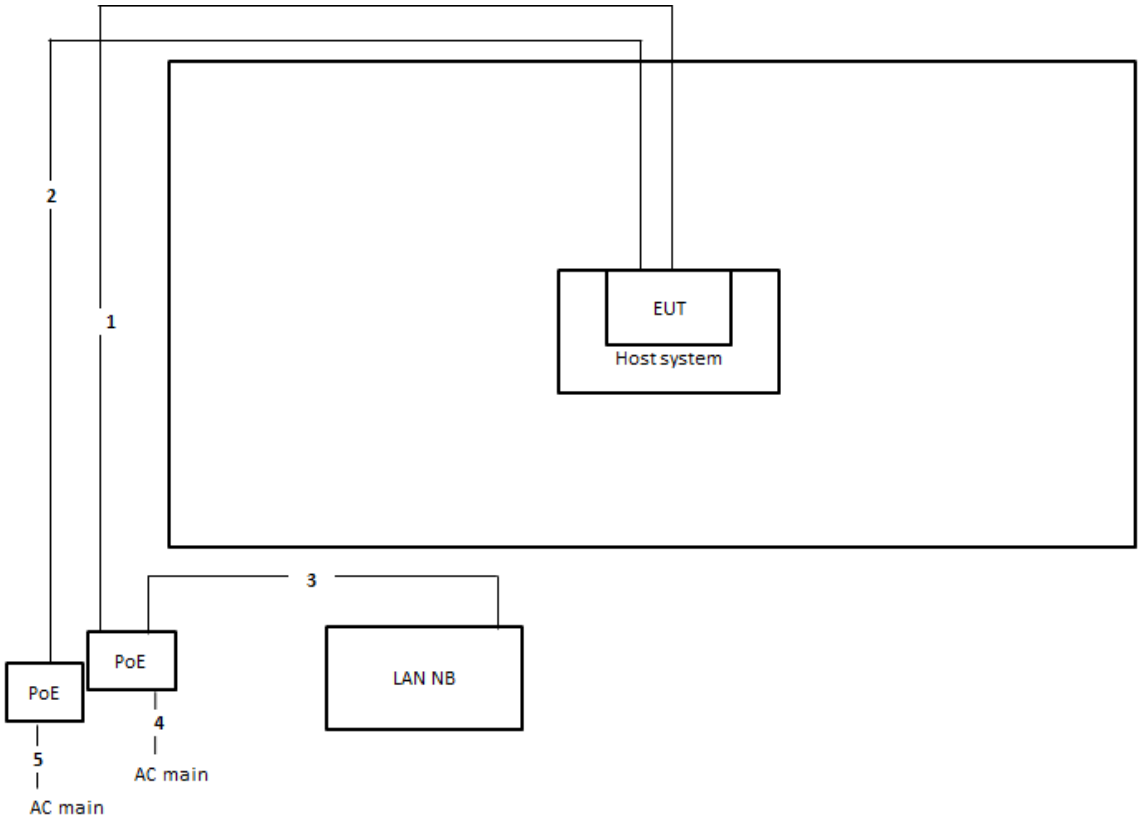
Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	Power cable	No	1.5m
3	RJ-45 cable	No	10m
4	RJ-45 cable	No	10m
5	RJ-45 cable	No	1.5m
6	RJ-45 cable	No	1.5m
7	RJ-45 cable	No	1.5m
8	RJ-45 cable	No	1.5m
9	RJ-45 cable	No	10m
10	RJ-45 cable	No	10m
11	RJ-45 cable	No	1.5m

Test Setup Diagram - Radiated Test > 1GHz

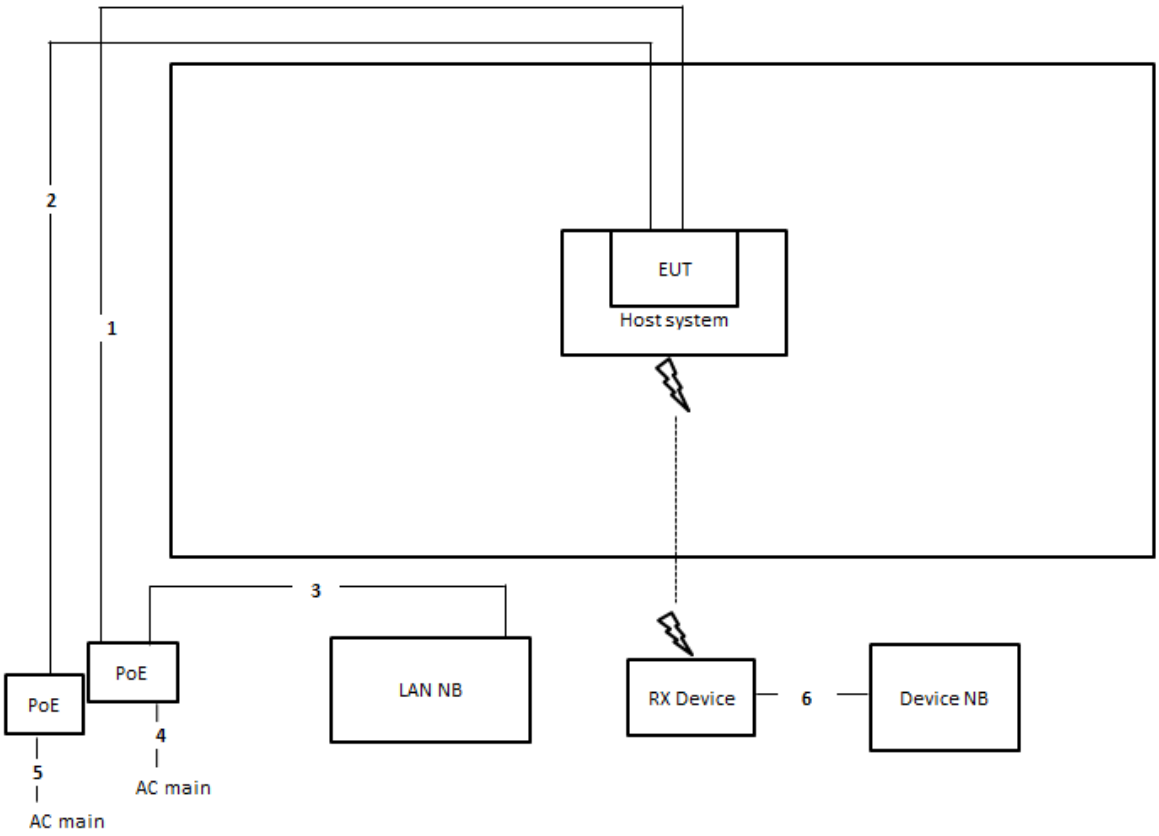
For non-beamforming mode:



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	1.5m
4	Power cable	No	1.8m
5	Power cable	No	1.8m

Test Setup Diagram - Radiated Test > 1GHz

For beamforming mode:



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	1.5m
4	Power cable	No	1.8m
5	Power cable	No	1.8m
6	RJ-45 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

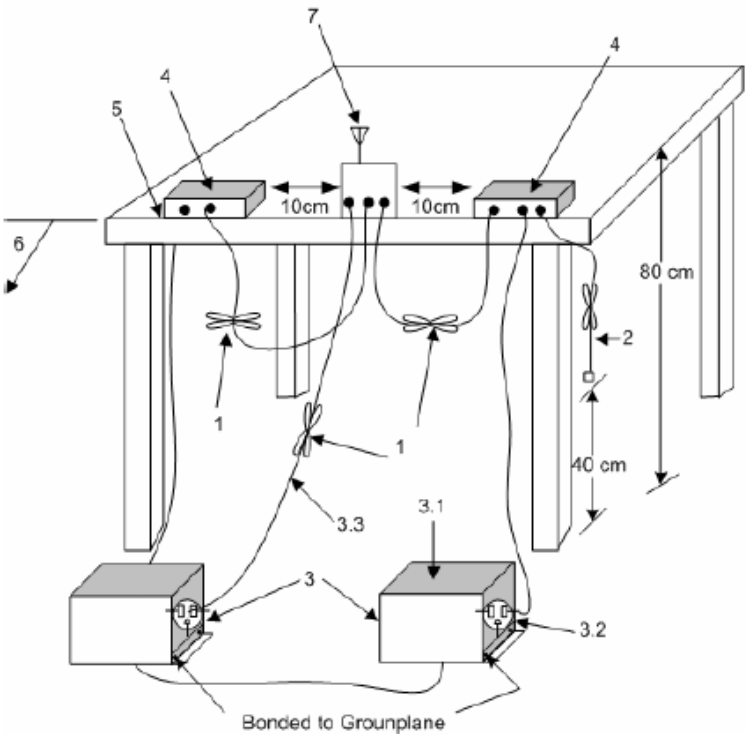
Refer a test equipment and calibration data table in this test report.

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.

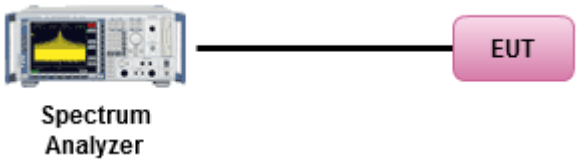
3.2.2 Measuring Instruments

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 9.1.3 (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)
	Measurement using a power meter (PM)
	☒ Refer as FCC KDB 558074, clause 9.2.3 Method AVGPM (using an RF average power meter).
	☐ Refer as FCC KDB 558074, clause 9.2.3.2 Method AVGPM-G (using an gate RF average power meter).
▪	For conducted measurement.
	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

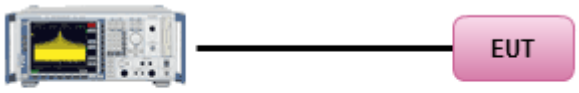
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method		
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).		
	☒ Refer as FCC KDB 558074, clause 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
 Spectrum Analyzer

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.	

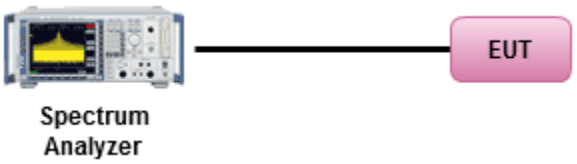
3.5.2 Measuring Instruments

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.

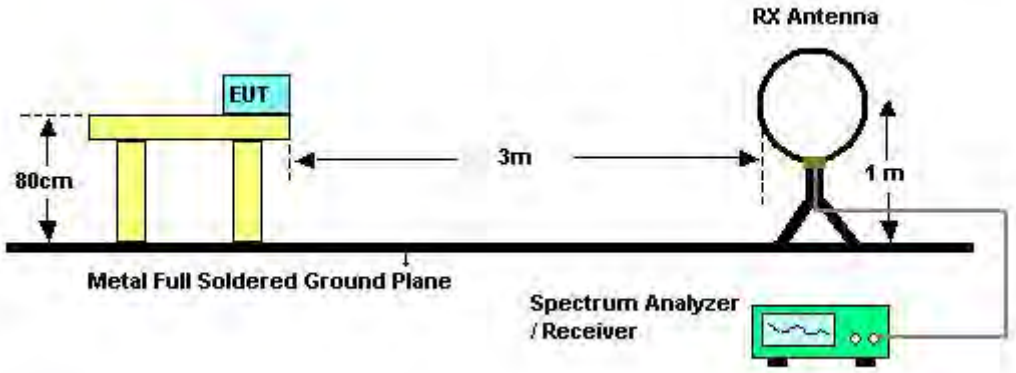
3.6.3 Test Procedures

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.	

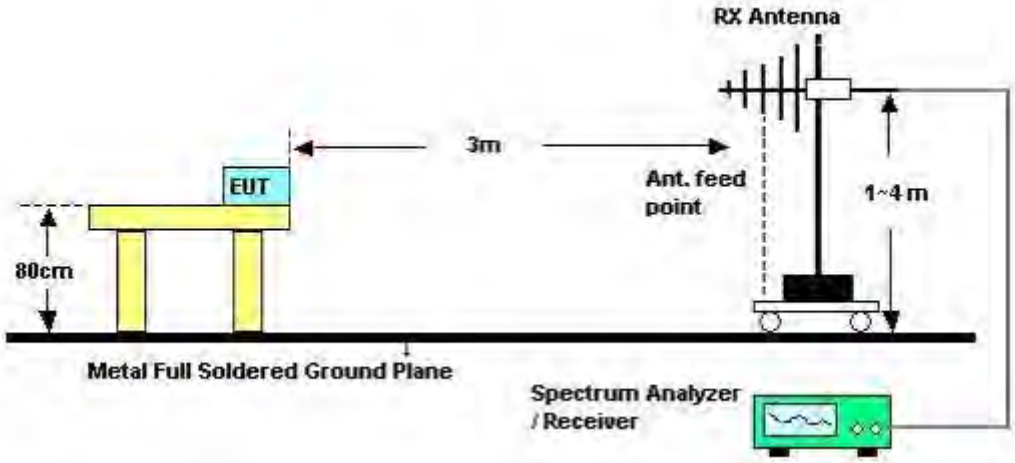
3.6.4 Test Setup

Transmitter Radiated Emissions

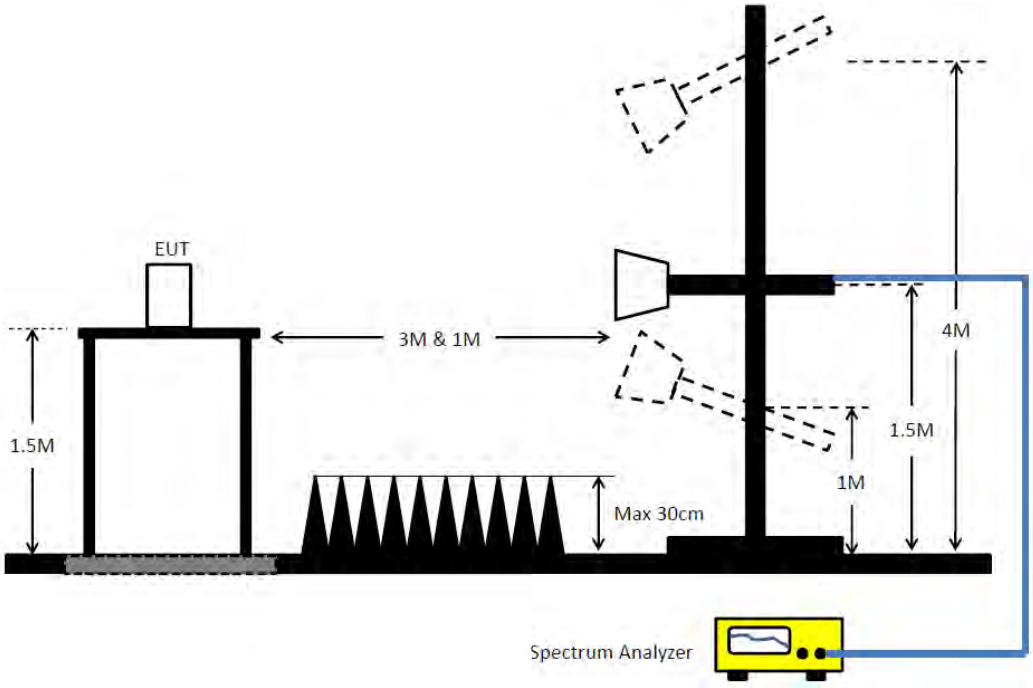
9kHz ~30MHz



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.
The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10 harmonic or 40 GHz, whichever is appropriate.

3.6.6 Test Result of Transmitter Radiated Unwanted Emissions

Refer as Appendix F

4 Test Equipment and Calibration Data

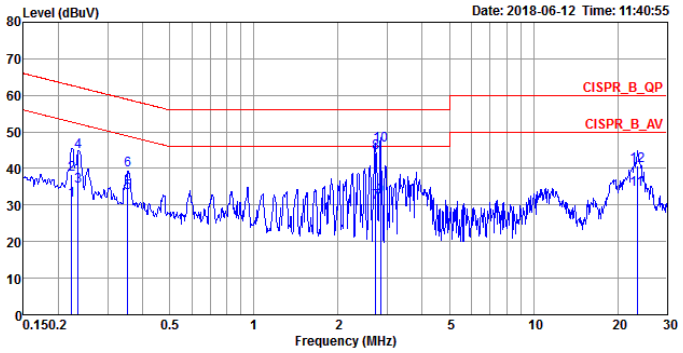
Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Nov. 24, 2017	Nov. 23, 2018	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Nov. 13, 2017	Nov. 12, 2018	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	Jan. 17, 2018	Jan. 16, 2019	Conduction (CO02-CB)
COND Cable	Woken	Cable	2	0.15MHz ~ 30MHz	Nov. 10, 2017	Nov. 09, 2018	Conduction (CO02-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	N.C.R.	Conduction (CO02-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Aug. 30, 2017	Aug. 29, 2018	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 20, 2017	Nov. 19, 2018	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 05, 2017	Jul. 04, 2018	Radiation (03CH01-CB)
Pre-Amplifier	EMCI	EMC330N	980332	20MHz ~ 3GHz	May 02, 2018	May 01, 2019	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 09, 2018	Jan. 08, 2019	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 10, 2017	Jul. 09, 2018	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Nov. 23, 2017	Nov. 22, 2018	Radiation (03CH01-CB)
EMI Test	R&S	ESCS	100354	9kHz ~ 2.75GHz	Dec. 08, 2017	Dec. 07, 2018	Radiation (03CH01-CB)
RF Cable-low	Woken	Low Cable-16+17	N/A	30 MHz ~ 1 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16+17	N/A	1 GHz ~ 18 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
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, 2018	Mar. 15, 2019	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 21, 2017	Dec. 20, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 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)

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

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

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

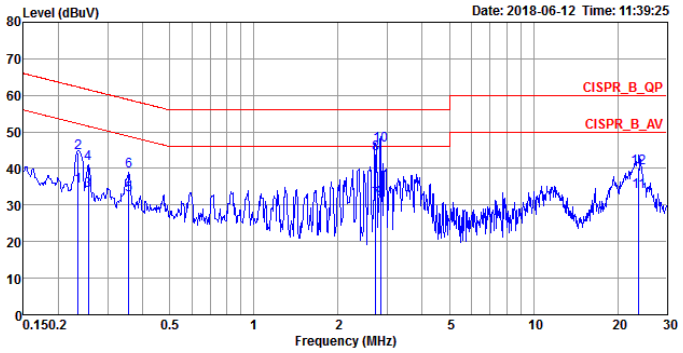
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	Normal Link		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark	Pol/Phase
	MHz	dBuV	dB	dBuV	dBuV	dB	dB		
1	0.2232	31.43	-21.27	52.70	21.37	9.92	0.14	Average	NEUTRAL
2	0.2232	38.36	-24.34	62.70	28.30	9.92	0.14	QP	NEUTRAL
3	0.2353	35.02	-17.24	52.26	24.96	9.92	0.14	Average	NEUTRAL
4	0.2353	44.48	-17.78	62.26	34.42	9.92	0.14	QP	NEUTRAL
5	0.3539	33.22	-15.65	48.87	23.18	9.92	0.12	Average	NEUTRAL
6	0.3539	39.42	-19.45	58.87	29.38	9.92	0.12	QP	NEUTRAL
7	2.7212	30.80	-15.20	46.00	20.64	9.97	0.19	Average	NEUTRAL
8	2.7212	44.23	-11.77	56.00	34.07	9.97	0.19	QP	NEUTRAL
9	2.8390	32.08	-13.92	46.00	21.93	9.97	0.18	Average	NEUTRAL
10	2.8390	46.32	-9.68	56.00	36.17	9.97	0.18	QP	NEUTRAL
11	23.5112	34.24	-15.76	50.00	23.66	10.33	0.25	Average	NEUTRAL
12	23.5112	40.82	-19.18	60.00	30.24	10.33	0.25	QP	NEUTRAL

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

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



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark	Pol/Phase
	MHz	dBuV	dB	dBuV	dBuV	dB	dB		
1	0.2353	35.03	-17.23	52.26	24.98	9.91	0.14	Average	LINE
2	0.2353	44.14	-18.12	62.26	34.09	9.91	0.14	QP	LINE
3	0.2562	34.06	-17.50	51.56	24.02	9.91	0.13	Average	LINE
4	0.2562	41.23	-20.33	61.56	31.19	9.91	0.13	QP	LINE
5	0.3577	32.62	-16.16	48.78	22.59	9.91	0.12	Average	LINE
6	0.3577	39.15	-19.63	58.78	29.12	9.91	0.12	QP	LINE
7	2.7212	31.42	-14.58	46.00	21.26	9.97	0.19	Average	LINE
8	2.7212	44.07	-11.93	56.00	33.91	9.97	0.19	QP	LINE
9	2.8390	31.64	-14.36	46.00	21.49	9.97	0.18	Average	LINE
10	2.8390	46.40	-9.60	56.00	36.25	9.97	0.18	QP	LINE
11	23.7616	33.66	-16.34	50.00	22.92	10.49	0.25	Average	LINE
12	23.7616	40.18	-19.82	60.00	29.44	10.49	0.25	QP	LINE

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

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	9M	12.994M	13M0G1D	7.05M	12.394M
802.11g_Nss1,(6Mbps)_4TX	16.3M	16.417M	16M4D1D	12.5M	16.342M
802.11ac VHT20_Nss1,(MCS0)_4TX	17.625M	17.641M	17M6D1D	14.4M	17.566M
802.11ac VHT40_Nss1,(MCS0)_4TX	35.75M	36.082M	36M1D1D	31.85M	35.882M
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	16.05M	17.616M	17M6D1D	14.225M	17.307M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	27M	35.874M	35M9D1D	7.45M	34.386M

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

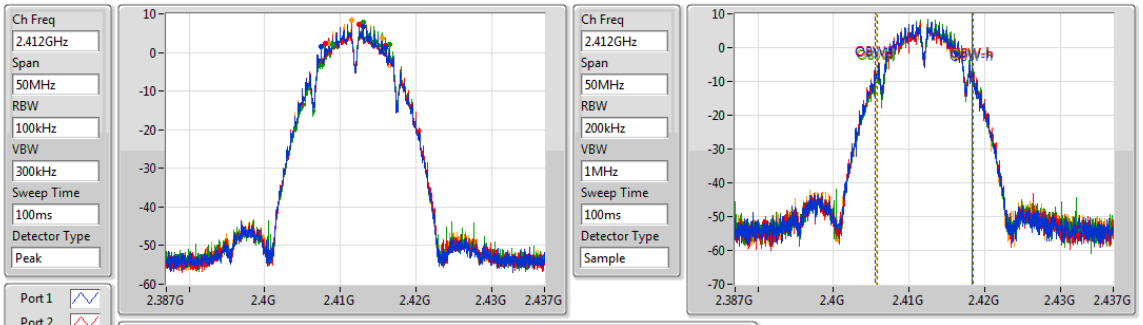
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	8.55M	12.769M	8.025M	12.969M	7.55M	12.519M	7.05M	12.669M
2437MHz	Pass	500k	7.55M	12.744M	9M	12.994M	7.525M	12.444M	8.05M	12.719M
2462MHz	Pass	500k	8.05M	12.794M	8.525M	12.969M	7.55M	12.394M	8M	12.744M
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.3M	16.392M	15.9M	16.367M	12.5M	16.367M	15.7M	16.367M
2437MHz	Pass	500k	16.25M	16.417M	15.875M	16.392M	15.7M	16.342M	16.275M	16.367M
2462MHz	Pass	500k	16.25M	16.417M	15.9M	16.392M	15M	16.367M	16.275M	16.367M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	17.5M	17.616M	16.525M	17.591M	15.65M	17.566M	17.5M	17.616M
2437MHz	Pass	500k	16.875M	17.641M	16.525M	17.591M	14.95M	17.591M	16.75M	17.616M
2462MHz	Pass	500k	17.525M	17.616M	14.4M	17.566M	16.25M	17.566M	17.625M	17.641M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	32.55M	35.982M	35.1M	35.882M	33.1M	35.982M	31.85M	35.932M
2437MHz	Pass	500k	31.95M	35.982M	32.55M	36.032M	35.75M	36.082M	34.75M	35.982M
2452MHz	Pass	500k	32.45M	35.982M	33.75M	36.082M	33.75M	36.032M	33.8M	35.982M
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	15.1M	17.48M	15.1M	17.498M	15.025M	17.417M	15.05M	17.489M
2437MHz	Pass	500k	15M	17.616M	15.775M	17.616M	14.225M	17.566M	15.05M	17.591M
2462MHz	Pass	500k	16.05M	17.307M	15.9M	17.471M	15.85M	17.475M	15.1M	17.44M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	7.6M	34.386M	9.05M	35.313M	8.05M	35.162M	7.5M	35.369M
2437MHz	Pass	500k	8.5M	35.799M	26.5M	35.874M	26M	35.58M	27M	35.823M
2452MHz	Pass	500k	18.5M	35.633M	7.45M	35.729M	24.75M	35.674M	26.05M	35.748M

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

802.11b_Nss1,(1Mbps)_4TX — EBW

2412MHz

18/05/2018

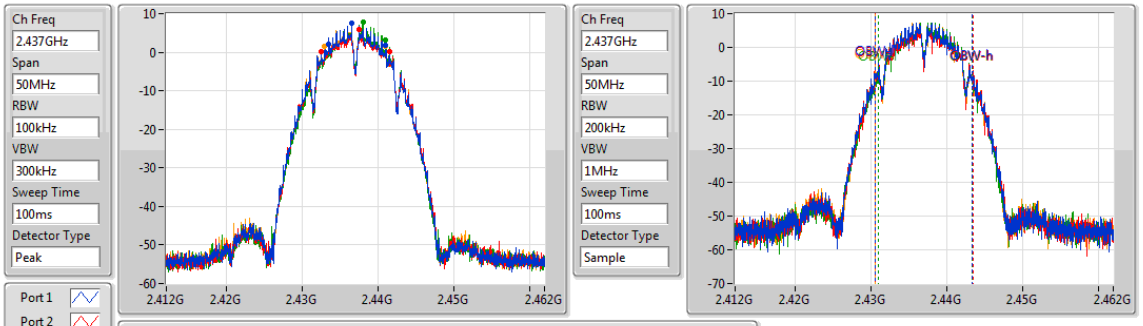


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.55M	2.407475G	2.416025G	12.769M	2.405553G	2.418322G	500k	1
8.025M	2.408G	2.416025G	12.969M	2.405503G	2.418472G	500k	2
7.55M	2.40895G	2.4165G	12.519M	2.405853G	2.418372G	500k	3
7.05M	2.408475G	2.415525G	12.669M	2.405628G	2.418297G	500k	4

802.11b_Nss1,(1Mbps)_4TX — EBW

2437MHz

18/05/2018

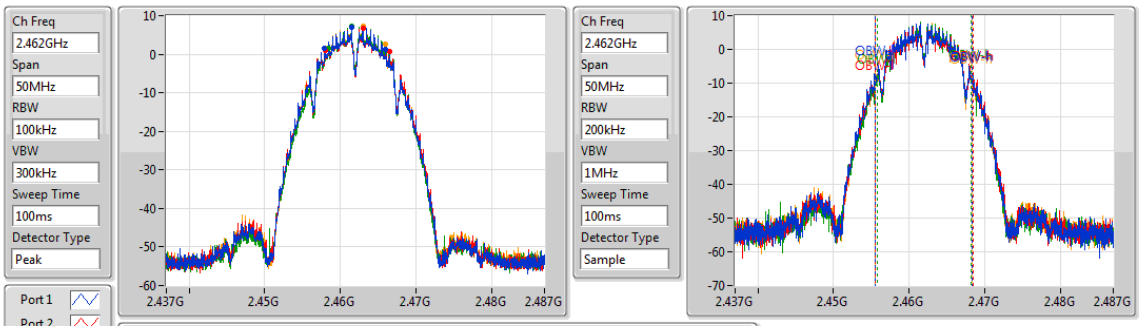


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.55M	2.43345G	2.441G	12.744M	2.430528G	2.443272G	500k	1
9M	2.432475G	2.441475G	12.994M	2.430478G	2.443472G	500k	2
7.525M	2.433475G	2.441G	12.444M	2.430878G	2.443322G	500k	3
8.05M	2.43295G	2.441G	12.719M	2.430578G	2.443297G	500k	4

802.11b_Nss1,(1Mbps)_4TX — EBW

2462MHz

18/05/2018



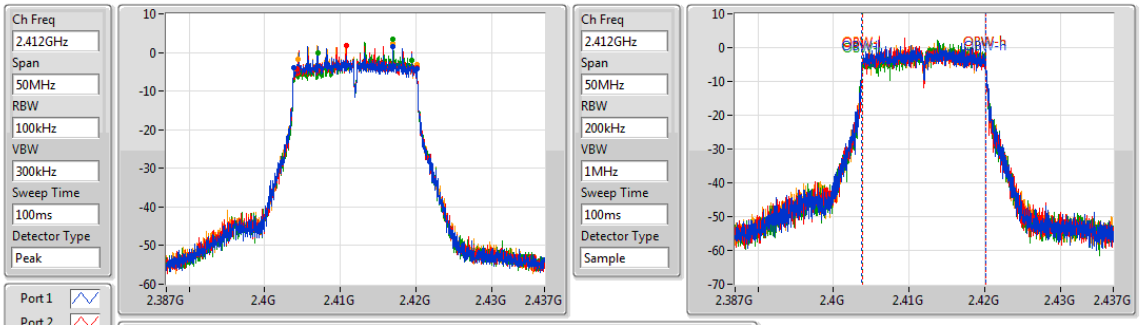
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.05M	2.45795G	2.466G	12.794M	2.455478G	2.468272G	500k	1
8.525M	2.457975G	2.4665G	12.969M	2.455478G	2.468447G	500k	2
7.55M	2.458475G	2.466025G	12.394M	2.455828G	2.468222G	500k	3
8M	2.458G	2.466G	12.744M	2.455553G	2.468297G	500k	4

802.11g_Nss1,(6Mbps)_4TX

EBW

2412MHz

18/05/2018



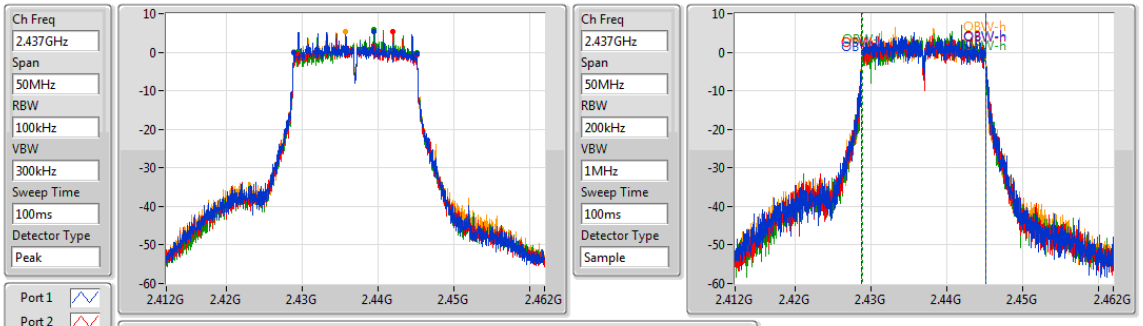
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.40385G	2.42015G	16.392M	2.403779G	2.420171G	500k	1
15.9M	2.404225G	2.420125G	16.367M	2.403804G	2.420171G	500k	2
12.5M	2.407G	2.4195G	16.367M	2.403804G	2.420171G	500k	3
15.7M	2.404425G	2.420125G	16.367M	2.403804G	2.420171G	500k	4

802.11g_Nss1,(6Mbps)_4TX

EBW

2437MHz

18/05/2018



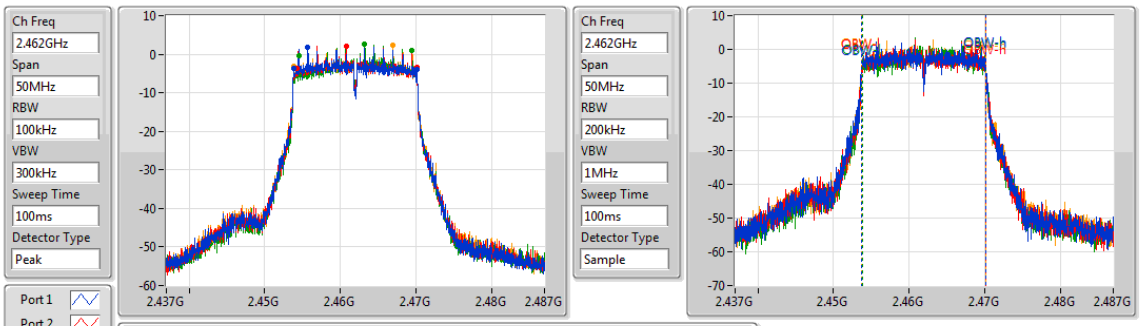
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.25M	2.42885G	2.4451G	16.417M	2.428754G	2.445171G	500k	1
15.875M	2.429225G	2.4451G	16.392M	2.428779G	2.445171G	500k	2
15.7M	2.429425G	2.445125G	16.342M	2.428804G	2.445146G	500k	3
16.275M	2.42885G	2.445125G	16.367M	2.428779G	2.445146G	500k	4

802.11g_Nss1,(6Mbps)_4TX

EBW

2462MHz

18/05/2018



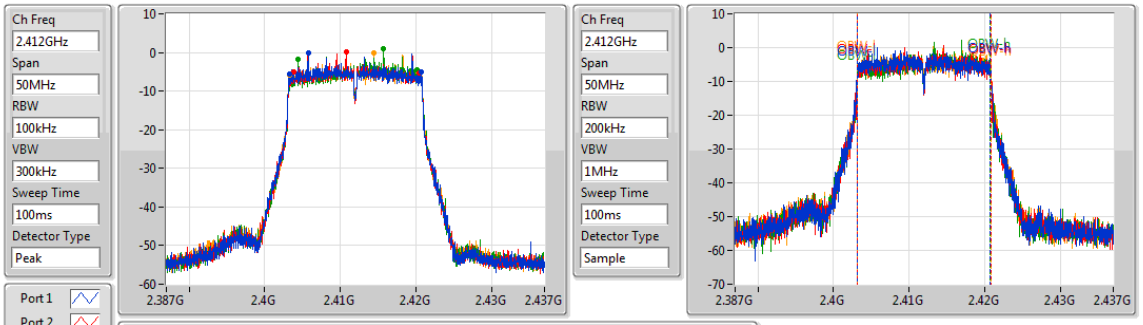
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.25M	2.45385G	2.4701G	16.417M	2.453754G	2.470171G	500k	1
15.9M	2.454225G	2.470125G	16.392M	2.453779G	2.470171G	500k	2
15M	2.4545G	2.4695G	16.367M	2.453804G	2.470171G	500k	3
16.275M	2.45385G	2.470125G	16.367M	2.453779G	2.470146G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

2412MHz

18/05/2018



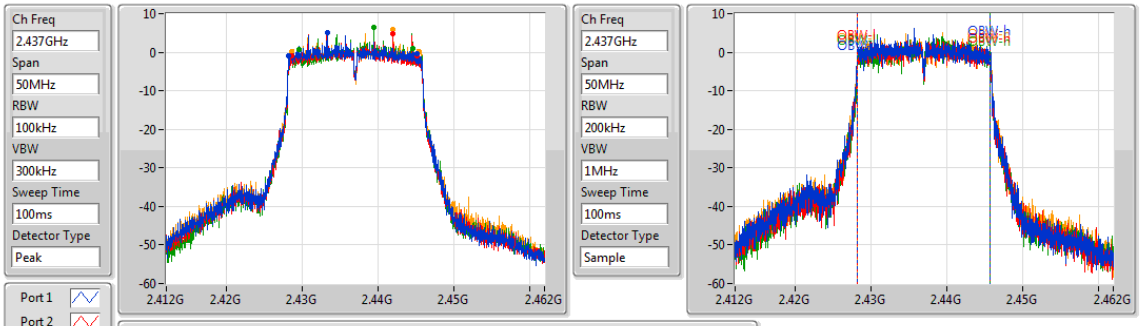
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.5M	2.40325G	2.42075G	17.616M	2.403154G	2.420771G	500k	1
16.525M	2.40385G	2.420375G	17.591M	2.403204G	2.420796G	500k	2
15.65M	2.404475G	2.420125G	17.566M	2.403204G	2.420771G	500k	3
17.5M	2.40325G	2.42075G	17.616M	2.403179G	2.420796G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

2437MHz

18/05/2018



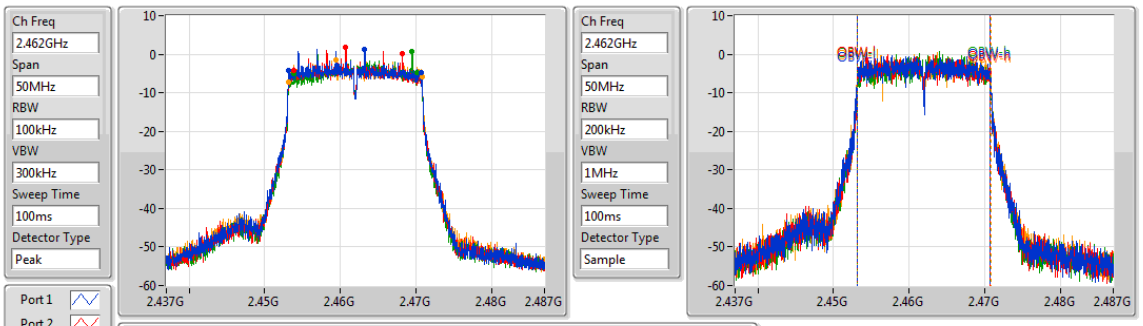
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.875M	2.428225G	2.4451G	17.641M	2.428129G	2.445771G	500k	1
16.525M	2.4286G	2.445125G	17.591M	2.428179G	2.445771G	500k	2
14.95M	2.429575G	2.444525G	17.591M	2.428179G	2.445771G	500k	3
16.75M	2.428625G	2.445375G	17.616M	2.428154G	2.445771G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

2462MHz

18/05/2018



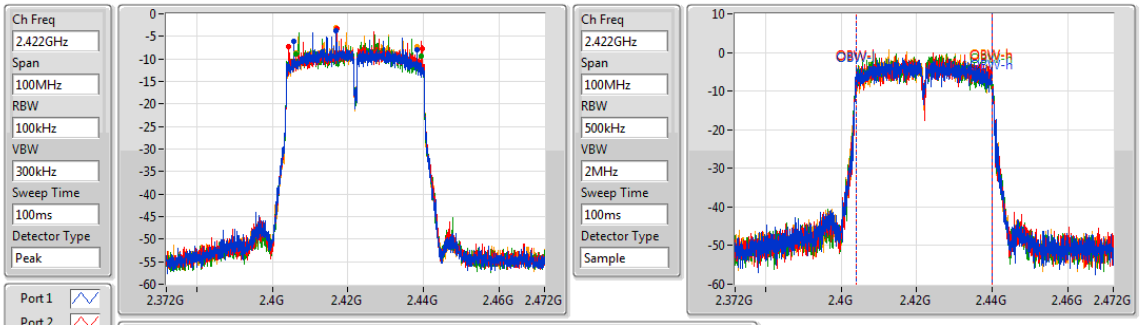
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.525M	2.453225G	2.47075G	17.616M	2.453154G	2.470771G	500k	1
14.4M	2.45385G	2.46825G	17.566M	2.453204G	2.470771G	500k	2
16.25M	2.453875G	2.470125G	17.566M	2.453204G	2.470771G	500k	3
17.625M	2.453175G	2.4708G	17.641M	2.453154G	2.470796G	500k	4

802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

2422MHz

18/05/2018



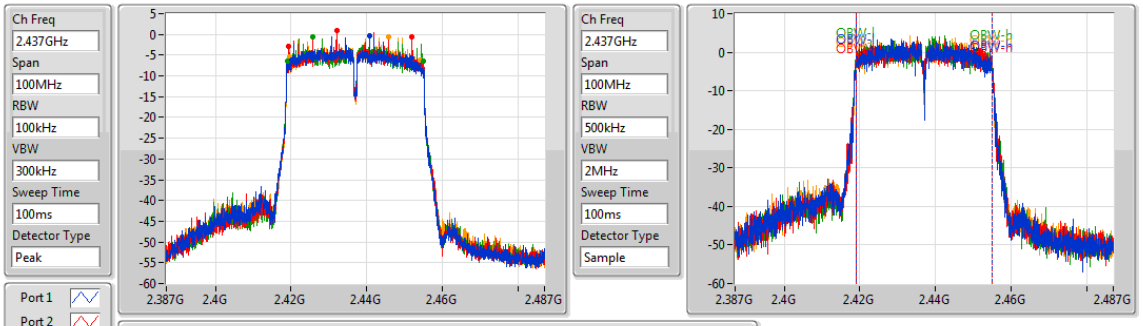
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
32.55M	2.40575G	2.4383G	35.982M	2.403959G	2.439941G	500k	1
35.1M	2.40445G	2.43955G	35.882M	2.404059G	2.439941G	500k	2
33.1M	2.40635G	2.43945G	35.982M	2.404009G	2.439991G	500k	3
31.85M	2.40635G	2.4382G	35.932M	2.404009G	2.439941G	500k	4

802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

2437MHz

18/05/2018



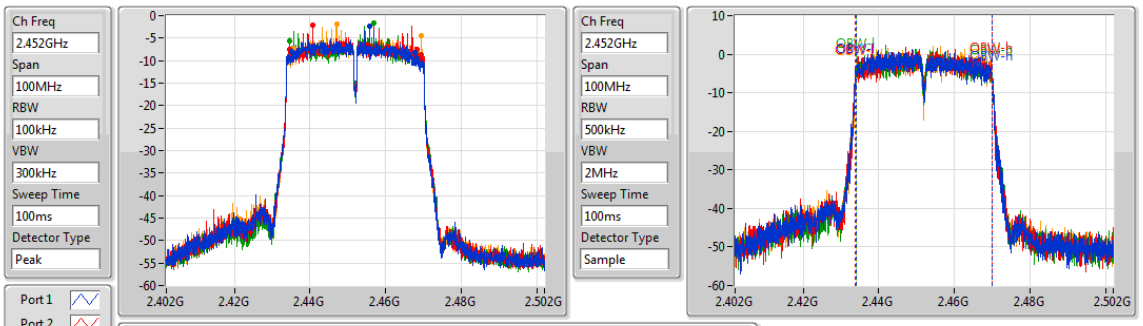
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
31.95M	2.42005G	2.452G	35.982M	2.418959G	2.454941G	500k	1
32.55M	2.41945G	2.452G	36.032M	2.418909G	2.454941G	500k	2
35.75M	2.41915G	2.4549G	36.082M	2.418909G	2.454991G	500k	3
34.75M	2.4195G	2.45425G	35.982M	2.419009G	2.454991G	500k	4

802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

2452MHz

18/05/2018



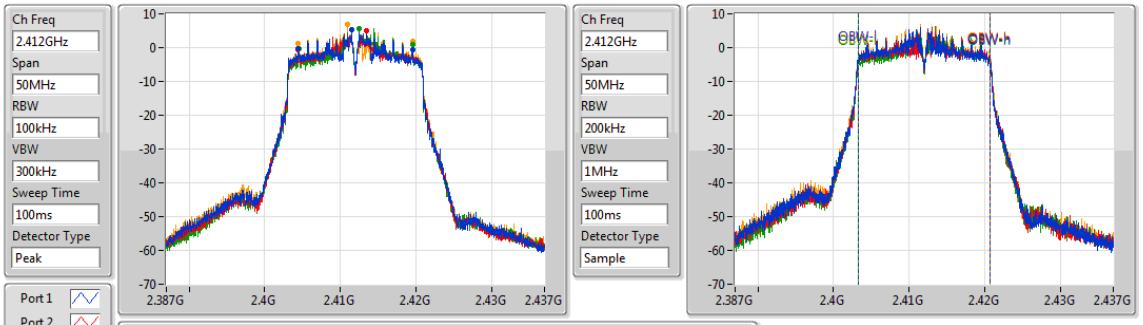
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
32.45M	2.43515G	2.4676G	35.982M	2.433909G	2.469891G	500k	1
33.75M	2.4345G	2.46825G	36.082M	2.433859G	2.469941G	500k	2
33.75M	2.4345G	2.46825G	36.032M	2.433959G	2.469991G	500k	3
33.8M	2.4357G	2.4695G	35.982M	2.433959G	2.469941G	500k	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

2412MHz

25/05/2018



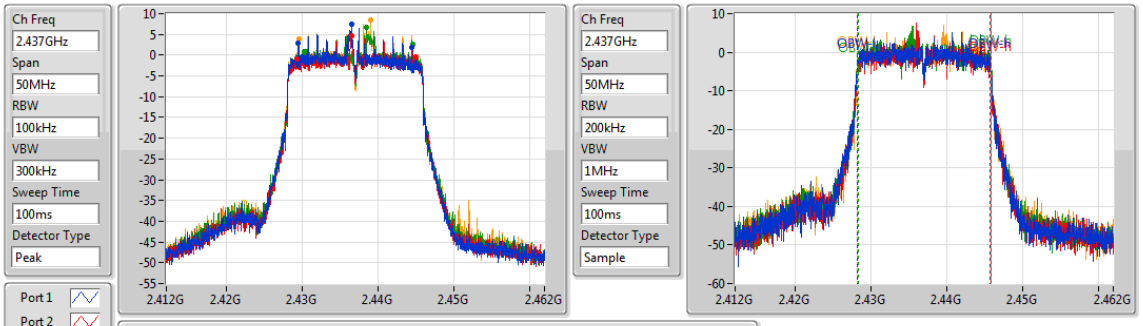
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.1M	2.40445G	2.41955G	17.48M	2.403247G	2.420727G	500k	1
15.1M	2.40445G	2.41955G	17.498M	2.403252G	2.420749G	500k	2
15.025M	2.4045G	2.419525G	17.417M	2.403307G	2.420724G	500k	3
15.05M	2.404475G	2.419525G	17.489M	2.403259G	2.420748G	500k	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

2437MHz

25/05/2018



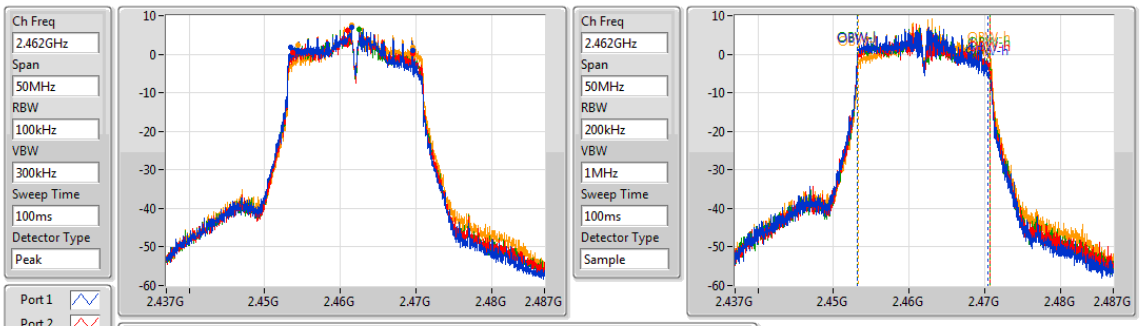
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15M	2.42945G	2.44445G	17.616M	2.428154G	2.445771G	500k	1
15.775M	2.42925G	2.445025G	17.616M	2.428179G	2.445796G	500k	2
14.225M	2.4303G	2.444525G	17.566M	2.428229G	2.445796G	500k	3
15.05M	2.4295G	2.44455G	17.591M	2.428204G	2.445796G	500k	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

2462MHz

25/05/2018

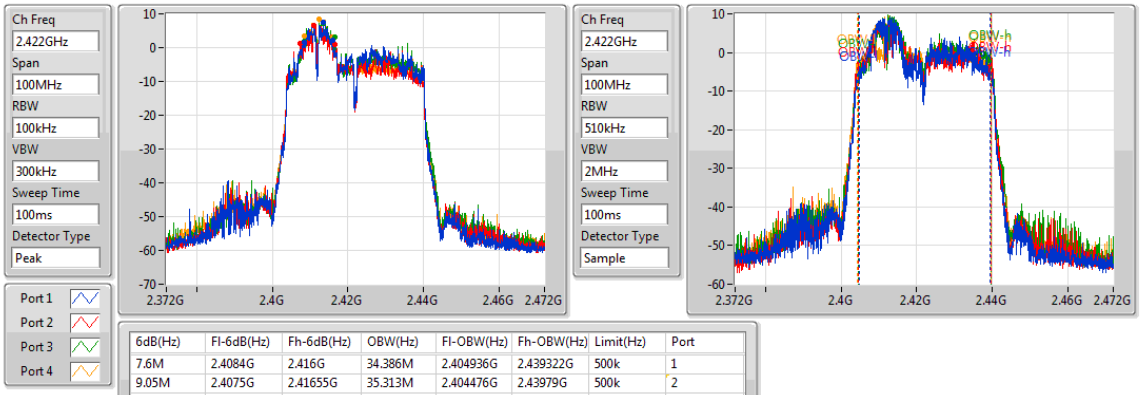


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.05M	2.4535G	2.46955G	17.307M	2.453166G	2.470473G	500k	1
15.9M	2.45365G	2.46955G	17.471M	2.453183G	2.470654G	500k	2
15.85M	2.4537G	2.46955G	17.475M	2.453196G	2.470671G	500k	3
15.1M	2.45445G	2.46955G	17.44M	2.453325G	2.470764G	500k	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **EBW**

2422MHz

25/05/2018

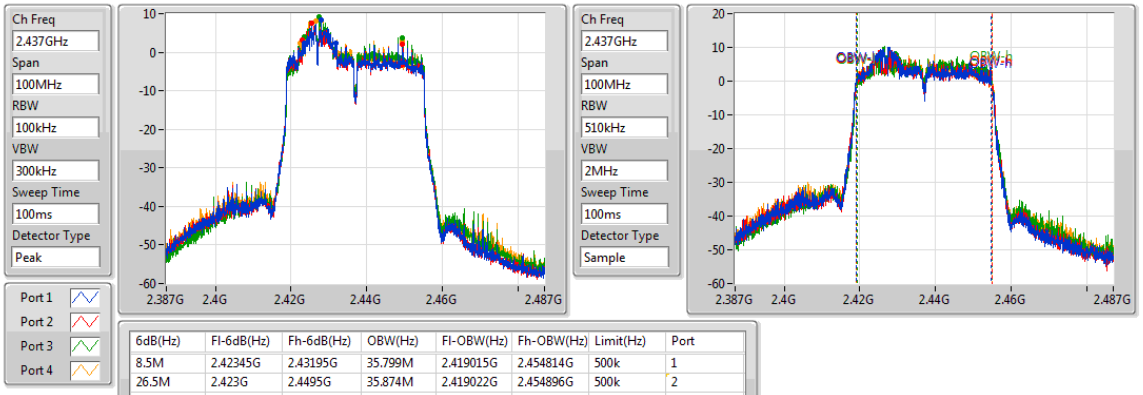


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.6M	2.4084G	2.416G	34.386M	2.404936G	2.439322G	500k	1
9.05M	2.4075G	2.41655G	35.313M	2.404476G	2.43979G	500k	2
8.05M	2.40845G	2.4165G	35.162M	2.404645G	2.439807G	500k	3
7.5M	2.4085G	2.416G	35.369M	2.404284G	2.439654G	500k	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **EBW**

2437MHz

25/05/2018

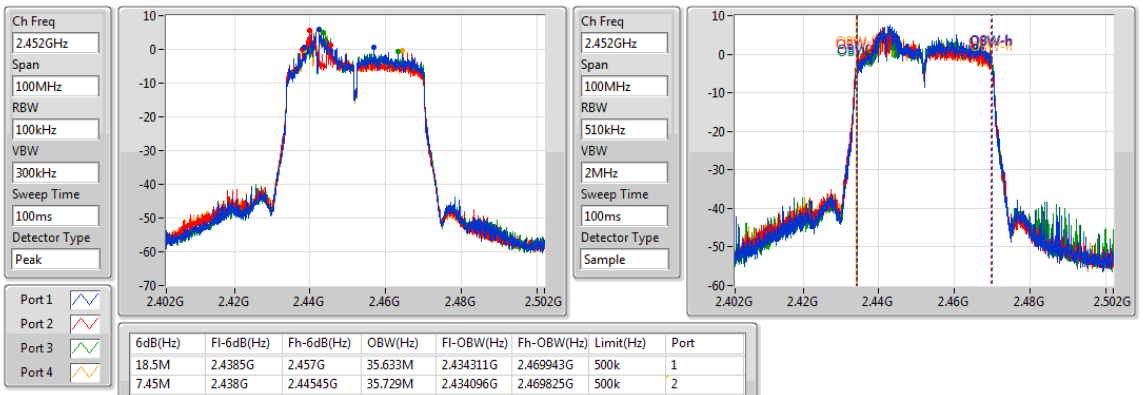


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.5M	2.42345G	2.43195G	35.799M	2.419015G	2.454814G	500k	1
26.5M	2.423G	2.4495G	35.874M	2.419022G	2.454896G	500k	2
26M	2.4235G	2.4495G	35.58M	2.419334G	2.454914G	500k	3
27M	2.4225G	2.4495G	35.823M	2.419063G	2.454886G	500k	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **EBW**

2452MHz

25/05/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.5M	2.4385G	2.457G	35.633M	2.434311G	2.469943G	500k	1
7.45M	2.438G	2.44545G	35.729M	2.434096G	2.469825G	500k	2
24.75M	2.4385G	2.46325G	35.674M	2.434311G	2.469984G	500k	3
26.05M	2.43845G	2.4645G	35.748M	2.434096G	2.469844G	500k	4

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_4TX	22.59	0.18155
802.11g_Nss1,(6Mbps)_4TX	22.83	0.19187
802.11ac VHT20_Nss1,(MCS0)_4TX	22.47	0.17660
802.11ac VHT40_Nss1,(MCS0)_4TX	20.53	0.11298
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	22.04	0.15996
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	21.11	0.12912

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	10.50	16.57	16.22	16.63	16.76	22.57	25.50
2437MHz	Pass	10.50	16.64	16.52	16.49	16.62	22.59	25.50
2462MHz	Pass	10.50	16.32	16.29	16.55	16.67	22.48	25.50
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	10.50	13.27	13.41	13.22	13.37	19.34	25.50
2417MHz	Pass	10.50	16.57	16.47	16.66	16.71	22.62	25.50
2437MHz	Pass	10.50	16.94	16.54	16.75	16.98	22.83	25.50
2457MHz	Pass	10.50	16.82	16.52	16.67	16.89	22.75	25.50
2462MHz	Pass	10.50	13.33	13.45	13.21	13.47	19.39	25.50
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	10.50	11.83	11.75	11.85	11.96	17.87	25.50
2417MHz	Pass	10.50	16.41	16.30	16.35	16.44	22.40	25.50
2437MHz	Pass	10.50	16.67	16.17	16.32	16.63	22.47	25.50
2457MHz	Pass	10.50	16.21	16.17	16.25	16.45	22.29	25.50
2462MHz	Pass	10.50	12.56	12.59	12.43	12.64	18.58	25.50
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	10.50	10.34	10.24	10.23	10.43	16.33	25.50
2427MHz	Pass	10.50	14.40	14.42	14.54	14.60	20.51	25.50
2437MHz	Pass	10.50	14.47	14.44	14.51	14.61	20.53	25.50
2447MHz	Pass	10.50	14.41	14.39	14.56	14.52	20.49	25.50
2452MHz	Pass	10.50	12.26	12.55	12.34	12.33	18.39	25.50
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	11.00	11.85	11.83	11.74	12.38	17.98	25.00
2417MHz	Pass	11.00	15.77	15.93	15.55	16.10	21.86	25.00
2437MHz	Pass	11.00	16.06	15.67	15.75	16.55	22.04	25.00
2457MHz	Pass	11.00	16.04	16.00	15.93	15.84	21.97	25.00
2462MHz	Pass	11.00	13.95	13.87	13.45	14.34	19.93	25.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	11.00	10.76	9.53	9.68	10.92	16.29	25.00
2427MHz	Pass	11.00	14.59	14.33	15.29	15.34	20.93	25.00
2437MHz	Pass	11.00	14.74	14.52	15.43	15.57	21.11	25.00
2447MHz	Pass	11.00	14.74	14.05	15.32	15.28	20.90	25.00
2452MHz	Pass	11.00	11.74	13.02	12.78	12.47	18.55	25.00

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

Note : Conducted average output power is for reference only

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	-2.57
802.11g_Nss1,(6Mbps)_4TX	-5.04
802.11ac VHT20_Nss1,(MCS0)_4TX	-5.76
802.11ac VHT40_Nss1,(MCS0)_4TX	-8.57
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-5.68
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-4.76

RBW=3kHz.

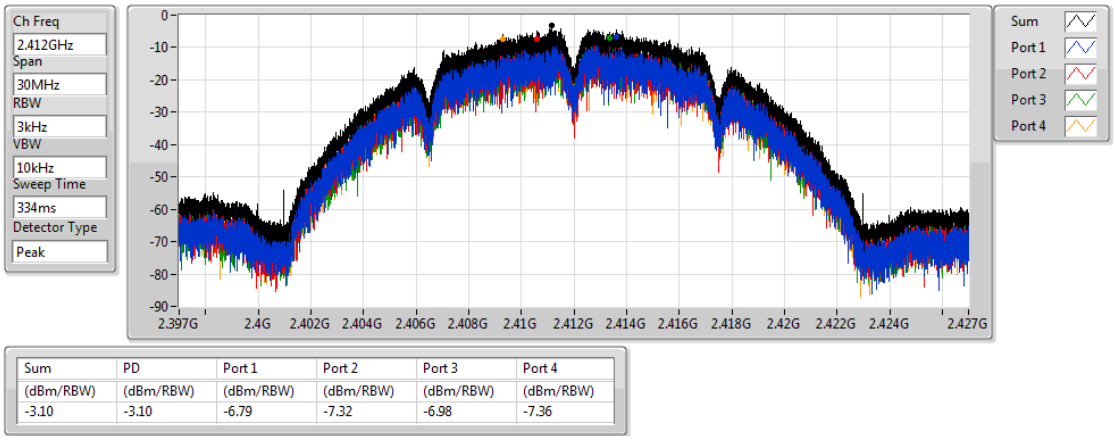
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	11.00	-6.79	-7.32	-6.98	-7.36	-3.10	3.00
2437MHz	Pass	11.00	-7.14	-8.23	-6.78	-7.45	-3.56	3.00
2462MHz	Pass	11.00	-7.54	-7.68	-6.30	-6.19	-2.57	3.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	11.00	-13.14	-11.90	-12.51	-12.63	-7.96	3.00
2437MHz	Pass	11.00	-9.74	-9.70	-8.62	-8.96	-5.04	3.00
2462MHz	Pass	11.00	-12.20	-13.13	-11.88	-12.84	-7.87	3.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	11.00	-14.93	-13.96	-15.03	-15.23	-8.76	3.00
2437MHz	Pass	11.00	-10.46	-11.10	-10.33	-10.06	-5.76	3.00
2462MHz	Pass	11.00	-13.29	-13.63	-14.05	-12.85	-8.89	3.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	11.00	-18.38	-18.23	-17.66	-16.89	-11.78	3.00
2437MHz	Pass	11.00	-12.77	-14.27	-13.93	-14.22	-8.57	3.00
2452MHz	Pass	11.00	-15.71	-15.95	-15.64	-16.43	-10.01	3.00
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	11.00	-10.52	-9.61	-8.31	-9.32	-7.54	3.00
2437MHz	Pass	11.00	-8.97	-9.72	-11.99	-10.61	-7.19	3.00
2462MHz	Pass	11.00	-8.39	-8.39	-8.19	-8.18	-5.68	3.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	11.00	-9.36	-9.08	-8.05	-7.54	-6.15	3.00
2437MHz	Pass	11.00	-6.54	-6.97	-6.94	-7.37	-4.76	3.00
2452MHz	Pass	11.00	-8.64	-11.09	-10.04	-9.89	-7.51	3.00

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

802.11b_Nss1,(1Mbps)_4TX PSD

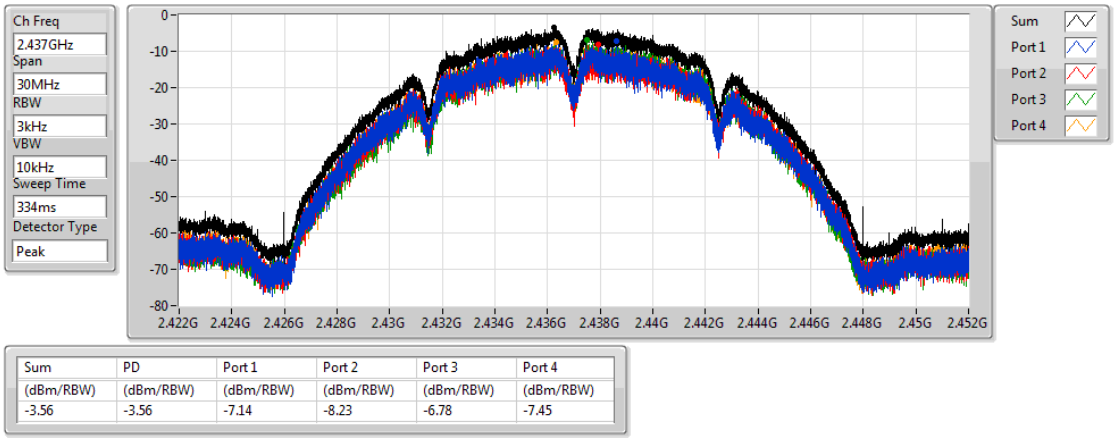
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.10	-3.10	-6.79	-7.32	-6.98	-7.36

802.11b_Nss1,(1Mbps)_4TX PSD

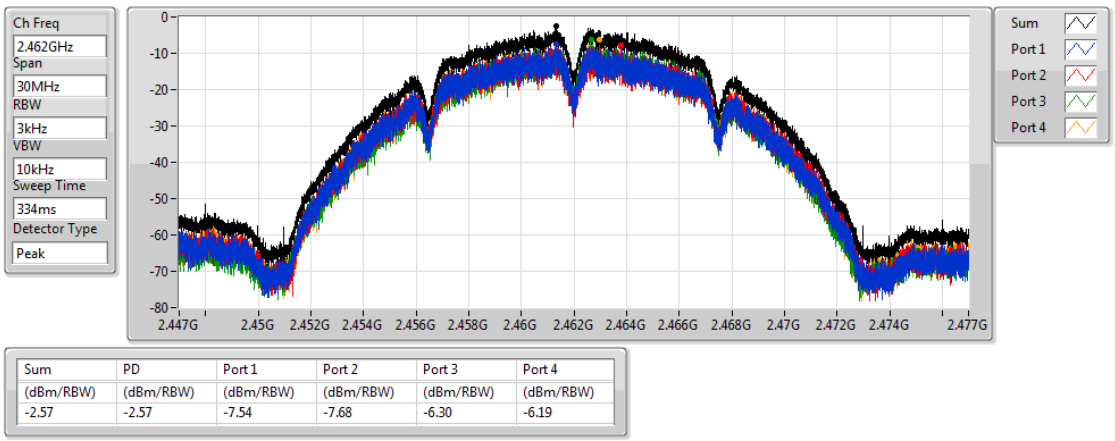
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.56	-3.56	-7.14	-8.23	-6.78	-7.45

802.11b_Nss1,(1Mbps)_4TX PSD

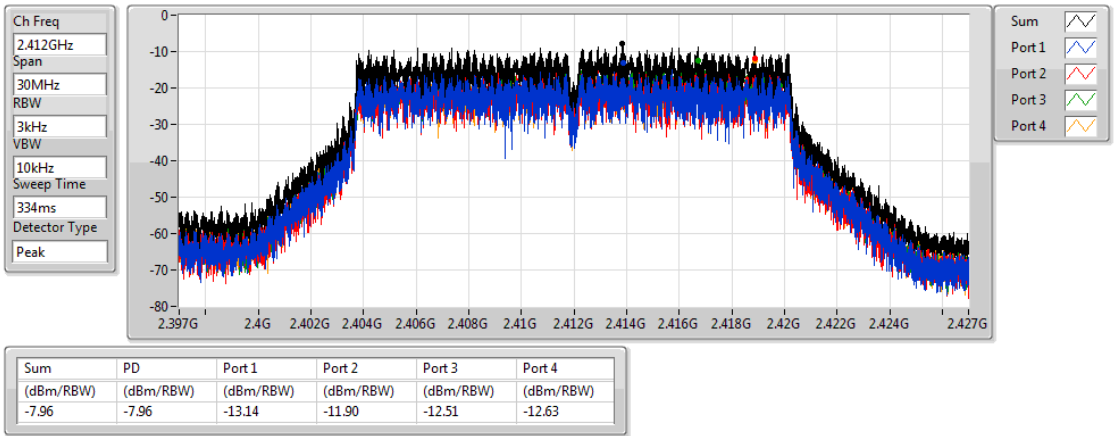
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.57	-2.57	-7.54	-7.68	-6.30	-6.19

802.11g_Nss1,(6Mbps)_4TX PSD

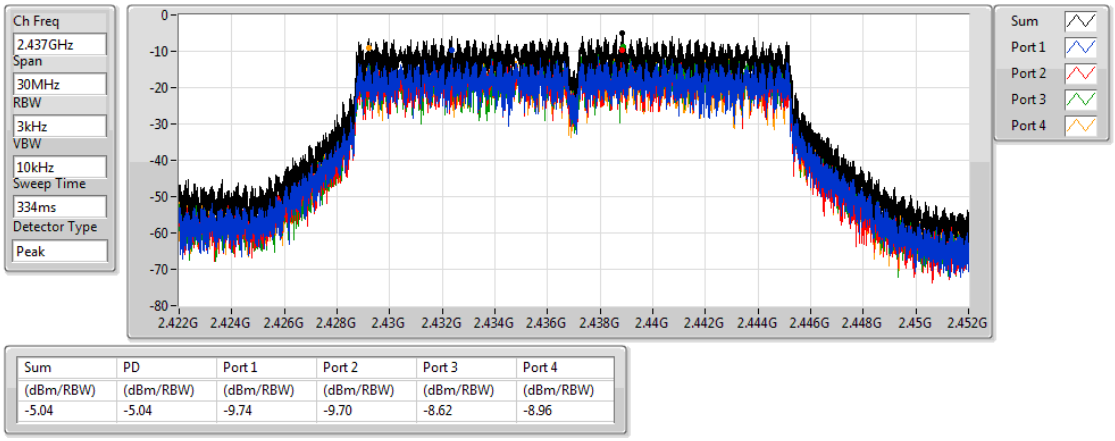
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.96	-7.96	-13.14	-11.90	-12.51	-12.63

802.11g_Nss1,(6Mbps)_4TX PSD

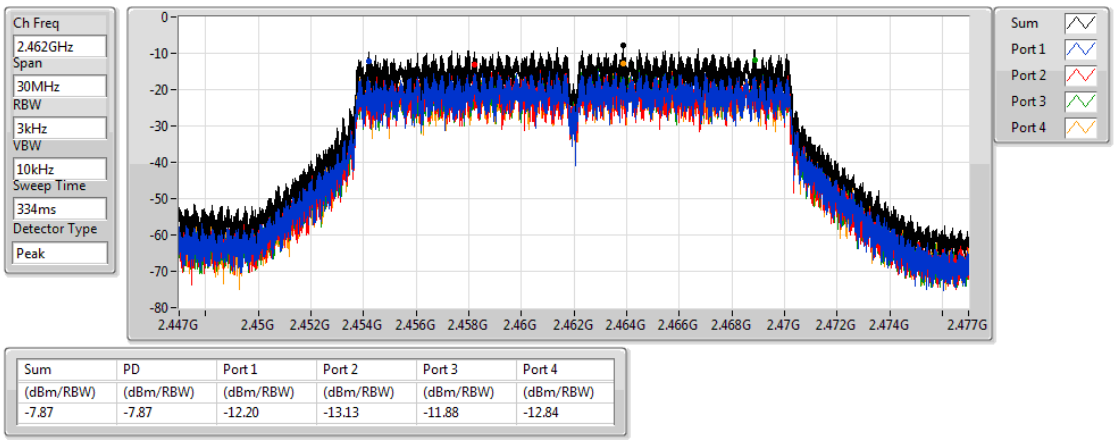
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.04	-5.04	-9.74	-9.70	-8.62	-8.96

802.11g_Nss1,(6Mbps)_4TX PSD

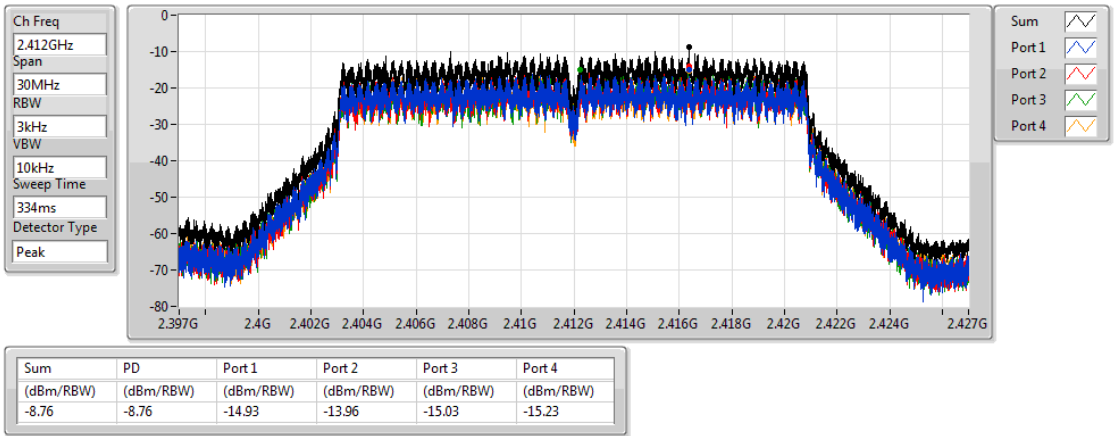
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.87	-7.87	-12.20	-13.13	-11.88	-12.84

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

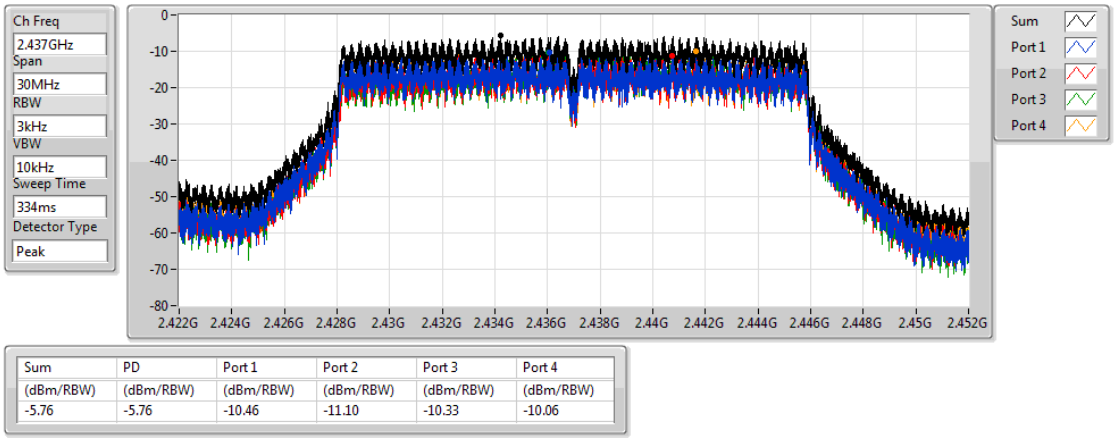
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.76	-8.76	-14.93	-13.96	-15.03	-15.23

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

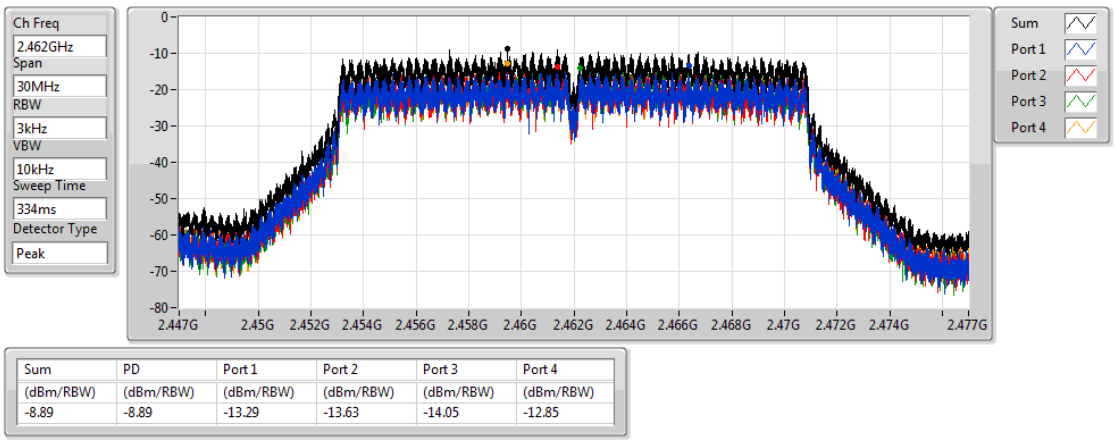
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.76	-5.76	-10.46	-11.10	-10.33	-10.06

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

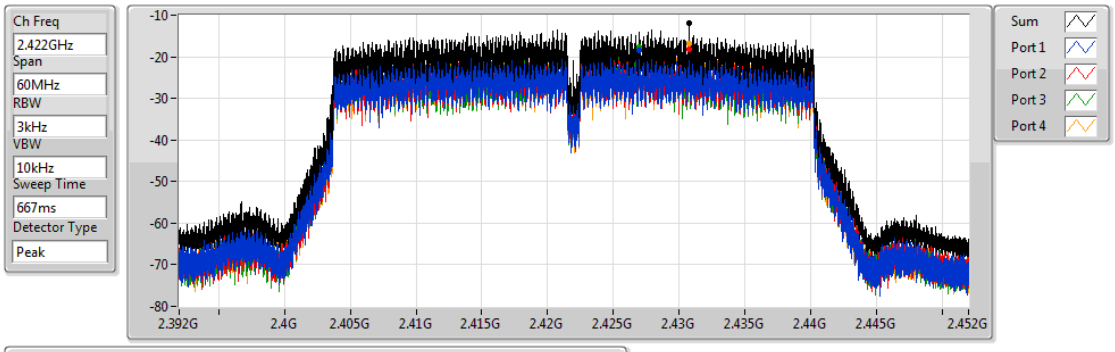
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.89	-8.89	-13.29	-13.63	-14.05	-12.85

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

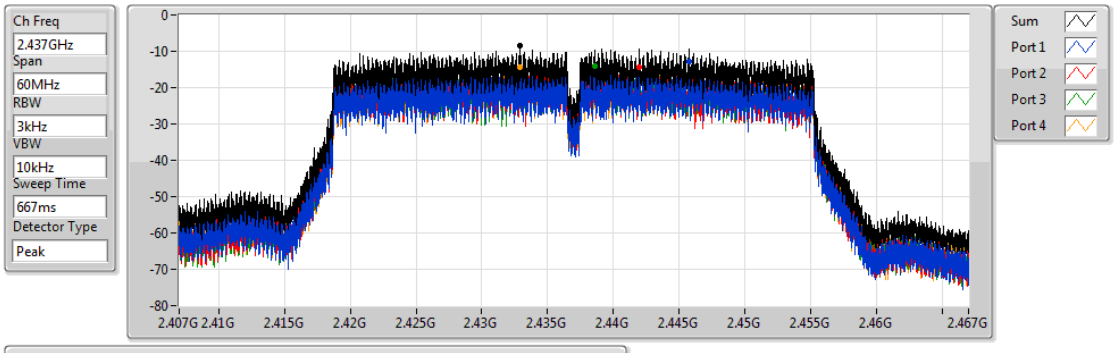
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.78	-11.78	-18.38	-18.23	-17.66	-16.89

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

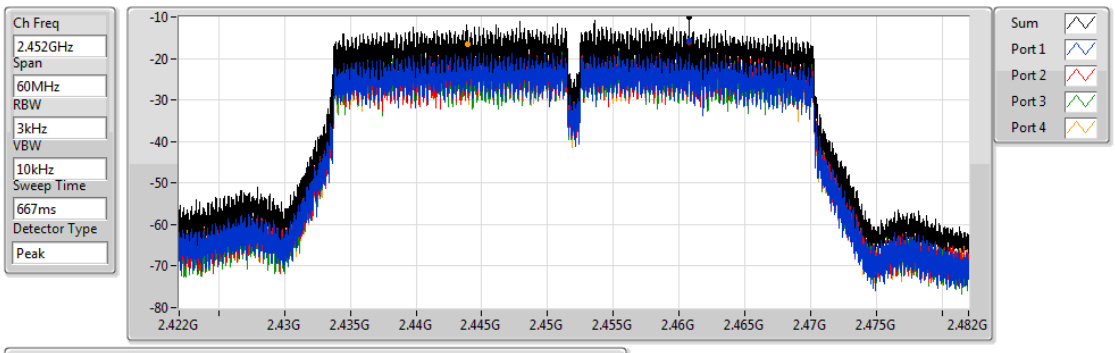
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.57	-8.57	-12.77	-14.27	-13.93	-14.22

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

2452MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.01	-10.01	-15.71	-15.95	-15.64	-16.43

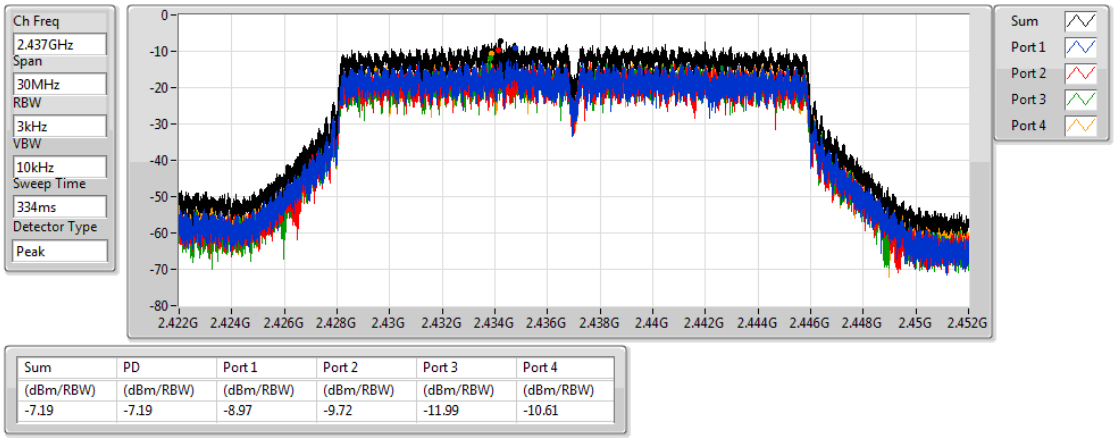
802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

2412MHz

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.54	-7.54	-10.52	-9.61	-8.31	-9.32

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

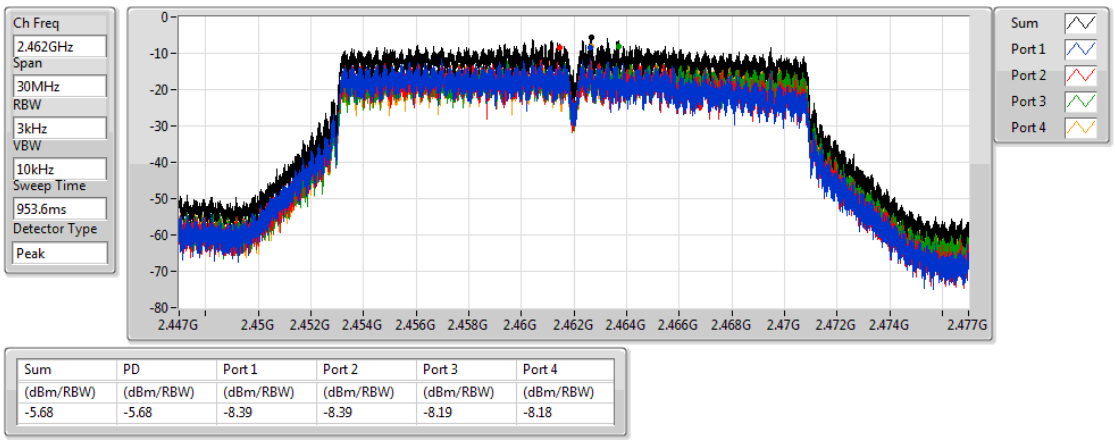
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.19	-7.19	-8.97	-9.72	-11.99	-10.61

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

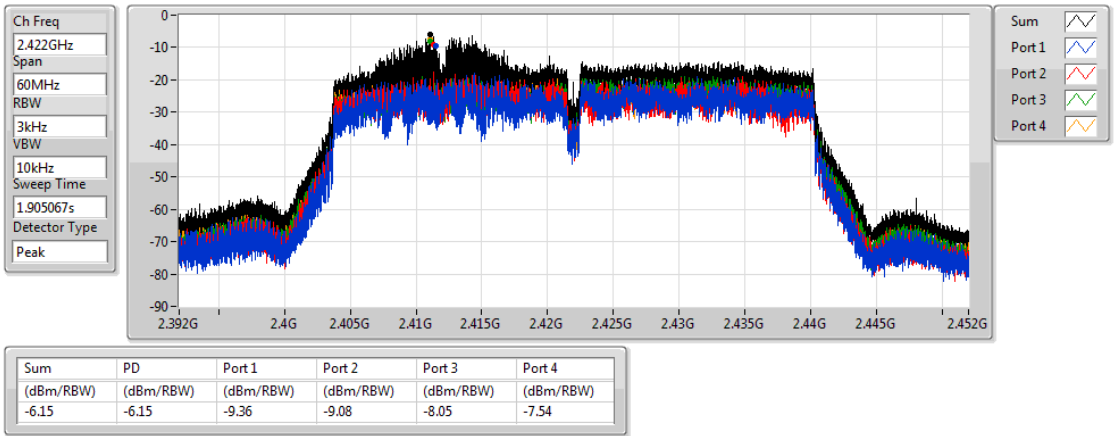
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.68	-5.68	-8.39	-8.39	-8.19	-8.18

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

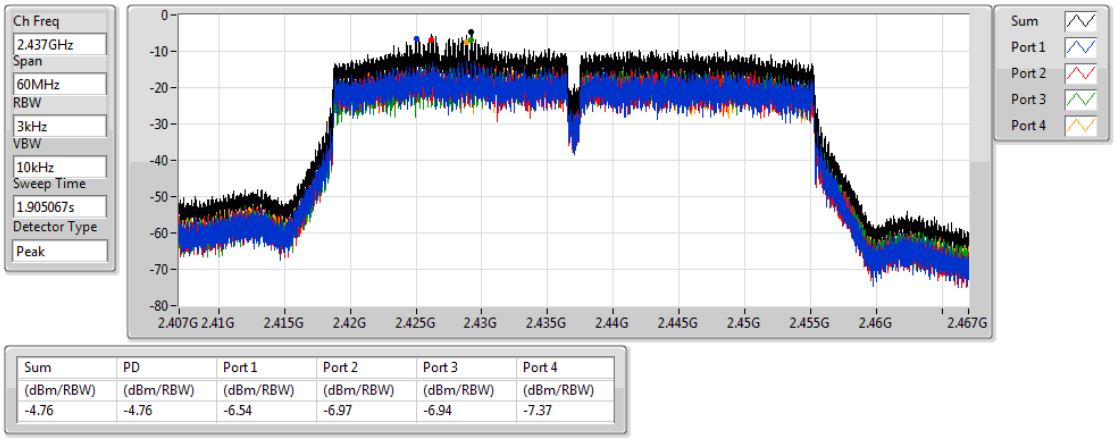
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.15	-6.15	-9.36	-9.08	-8.05	-7.54

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

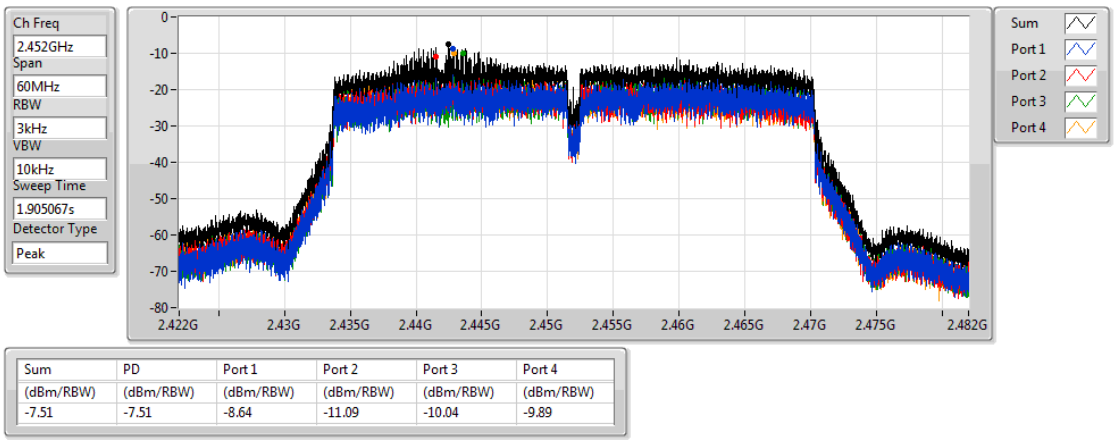
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.76	-4.76	-6.54	-6.97	-6.94	-7.37

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

2452MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.51	-7.51	-8.64	-11.09	-10.04	-9.89

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)_4TX	Pass	2.43841G	6.78	-23.22	2.309905G	-62.25	2.39856G	-43.35	2.49142G	-54.84	7.235136G	-39.99	4
802.11g_Nss1,(6Mbps)_4TX	Pass	2.439412G	5.94	-24.06	2.10836G	-57.99	2.39984G	-40.83	2.4847G	-57.77	2.562834G	-37.06	4
802.11ac VHT20_Nss1,(MCS0)_4TX	Pass	2.440748G	5.47	-24.53	2.307575G	-32.80	2.39336G	-60.11	2.49806G	-56.73	24.814569G	-52.63	3
802.11ac VHT40_Nss1,(MCS0)_4TX	Pass	2.439579G	-0.41	-30.41	2.30855G	-61.86	2.3984G	-44.58	2.56238G	-31.03	2.583132G	-35.70	4
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	Pass	2.439412G	3.40	-26.60	2.305245G	-60.61	2.39992G	-46.97	2.49598G	-58.58	24.921332G	-49.84	1
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	Pass	2.425551G	0.53	-29.47	2.30397G	-55.42	2.39952G	-43.50	2.49598G	-56.70	24.896231G	-49.75	1

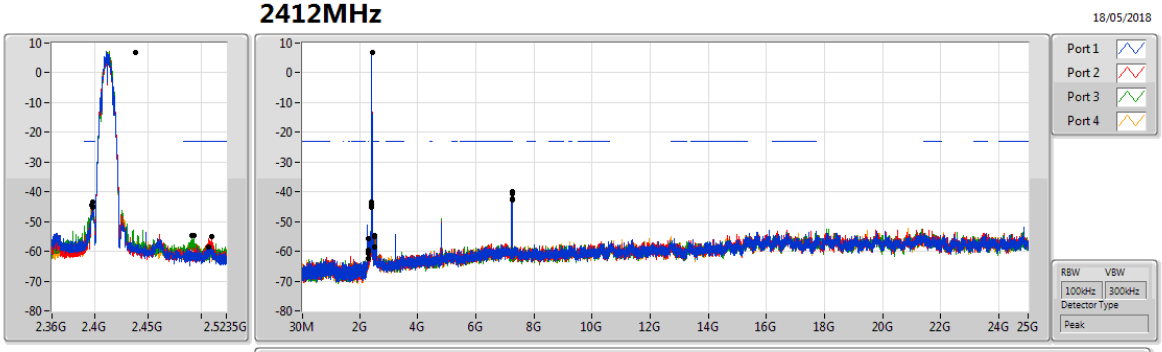
Result

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)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43841G	6.78	-23.22	2.30408G	-55.71	2.398G	-45.09	2.50702G	-58.54	7.235136G	-42.45	1
2412MHz	Pass	2.43841G	6.78	-23.22	2.30408G	-60.65	2.39704G	-44.49	2.5095G	-55.17	7.235136G	-42.85	2
2412MHz	Pass	2.43841G	6.78	-23.22	2.30408G	-59.65	2.398G	-44.82	2.49294G	-54.67	7.235136G	-40.62	3
2412MHz	Pass	2.43841G	6.78	-23.22	2.309905G	-62.25	2.39856G	-43.35	2.49142G	-54.84	7.235136G	-39.99	4
2437MHz	Pass	2.43841G	6.78	-23.22	2.30408G	-53.54	2.39048G	-54.58	2.48646G	-55.66	21.830814G	-53.74	1
2437MHz	Pass	2.43841G	6.78	-23.22	2.30408G	-58.51	2.392G	-54.69	2.48598G	-54.12	16.706172G	-52.83	2
2437MHz	Pass	2.43841G	6.78	-23.22	2.305245G	-61.42	2.39616G	-56.37	2.51758G	-55.95	2.59093G	-41.33	3
2437MHz	Pass	2.43841G	6.78	-23.22	2.307575G	-60.49	2.39872G	-55.82	2.51782G	-56.07	2.596549G	-52.38	4
2462MHz	Pass	2.43841G	6.78	-23.22	2.30408G	-51.84	2.39368G	-57.48	2.51054G	-55.34	15.329486G	-53.31	1
2462MHz	Pass	2.43841G	6.78	-23.22	2.30408G	-53.93	2.39232G	-58.58	2.5095G	-53.80	16.354976G	-53.49	2
2462MHz	Pass	2.43841G	6.78	-23.22	2.300585G	-55.50	2.39856G	-58.16	2.48494G	-54.00	16.666838G	-52.82	3
2462MHz	Pass	2.43841G	6.78	-23.22	2.30175G	-54.12	2.396G	-56.38	2.49798G	-55.89	2.621835G	-52.64	4
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.439412G	5.94	-24.06	2.30408G	-60.61	2.39888G	-43.18	2.50174G	-59.53	7.237946G	-51.14	1
2412MHz	Pass	2.439412G	5.94	-24.06	2.30874G	-63.15	2.39976G	-41.80	2.50022G	-57.85	7.229517G	-50.43	2
2412MHz	Pass	2.439412G	5.94	-24.06	228.05M	-62.82	2.39832G	-42.90	2.48846G	-57.55	2.551596G	-48.42	3
2412MHz	Pass	2.439412G	5.94	-24.06	2.10836G	-57.99	2.39984G	-40.83	2.4847G	-57.77	2.562834G	-37.06	4
2437MHz	Pass	2.439412G	5.94	-24.06	2.30408G	-53.40	2.39176G	-54.28	2.49086G	-57.39	16.765172G	-53.04	1
2437MHz	Pass	2.439412G	5.94	-24.06	2.30408G	-58.63	2.39456G	-55.43	2.48902G	-56.06	16.686505G	-53.58	2
2437MHz	Pass	2.439412G	5.94	-24.06	2.30408G	-61.69	2.39712G	-54.52	2.52206G	-55.22	24.80895G	-52.70	3
2437MHz	Pass	2.439412G	5.94	-24.06	2.309905G	-61.24	2.39864G	-56.81	2.51078G	-56.96	2.582501G	-46.28	4
2462MHz	Pass	2.439412G	5.94	-24.06	2.302915G	-46.12	2.3952G	-58.89	2.48446G	-56.58	2.619025G	-46.14	1
2462MHz	Pass	2.439412G	5.94	-24.06	2.305245G	-45.87	2.39776G	-60.19	2.48486G	-57.27	2.621835G	-44.93	2
2462MHz	Pass	2.439412G	5.94	-24.06	2.30874G	-58.23	2.39016G	-58.72	2.49974G	-56.53	21.620096G	-53.42	3
2462MHz	Pass	2.439412G	5.94	-24.06	2.146805G	-55.09	2.39488G	-59.66	2.48374G	-55.77	2.604977G	-43.98	4
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.440748G	5.47	-24.53	2.30408G	-60.94	2.39992G	-44.09	2.50862G	-59.86	7.226708G	-52.78	1
2412MHz	Pass	2.440748G	5.47	-24.53	2.30408G	-60.22	2.39992G	-43.45	2.5127G	-58.90	16.765172G	-52.25	2
2412MHz	Pass	2.440748G	5.47	-24.53	562.405M	-61.77	2.39992G	-43.94	2.48726G	-58.69	2.562834G	-34.94	3
2412MHz	Pass	2.440748G	5.47	-24.53	2.30175G	-61.19	2.39992G	-43.51	2.49062G	-59.24	16.672457G	-53.59	4
2437MHz	Pass	2.440748G	5.47	-24.53	2.30408G	-54.94	2.39352G	-54.57	2.48694G	-56.96	16.762363G	-53.34	1
2437MHz	Pass	2.440748G	5.47	-24.53	2.30408G	-59.98	2.39208G	-56.06	2.49022G	-56.52	16.402739G	-53.23	2
2437MHz	Pass	2.440748G	5.47	-24.53	2.305245G	-61.81	2.39952G	-55.94	2.51646G	-56.92	21.429046G	-53.54	3
2437MHz	Pass	2.440748G	5.47	-24.53	2.30408G	-59.94	2.39168G	-56.90	2.4959G	-57.04	17.402943G	-53.25	4
2462MHz	Pass	2.440748G	5.47	-24.53	2.309905G	-52.80	2.3916G	-59.30	2.48414G	-57.15	16.700552G	-53.32	1
2462MHz	Pass	2.440748G	5.47	-24.53	2.302915G	-43.72	2.3996G	-60.24	2.48382G	-56.57	16.728648G	-53.59	2
2462MHz	Pass	2.440748G	5.47	-24.53	2.307575G	-32.80	2.39336G	-60.11	2.49806G	-56.73	24.814569G	-52.63	3

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
2462MHz	Pass	2.440748G	5.47	-24.53	2.305245G	-57.34	2.39832G	-60.14	2.48358G	-54.63	2.633073G	-50.46	4
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.439579G	-0.41	-30.41	626.545M	-61.93	2.39824G	-45.91	2.55614G	-57.62	16.331097G	-53.15	1
2422MHz	Pass	2.439579G	-0.41	-30.41	2.30397G	-61.58	2.39776G	-46.38	2.55998G	-51.35	2.571914G	-48.08	2
2422MHz	Pass	2.439579G	-0.41	-30.41	2.30397G	-62.14	2.39584G	-45.06	2.56222G	-34.75	2.580327G	-36.38	3
2422MHz	Pass	2.439579G	-0.41	-30.41	2.30855G	-61.86	2.3984G	-44.58	2.56238G	-31.03	2.583132G	-35.70	4
2437MHz	Pass	2.439579G	-0.41	-30.41	2.305115G	-60.36	2.39888G	-43.68	2.48446G	-57.72	24.716739G	-53.55	1
2437MHz	Pass	2.439579G	-0.41	-30.41	2.305115G	-57.11	2.39968G	-41.81	2.49102G	-56.38	24.792462G	-53.18	2
2437MHz	Pass	2.439579G	-0.41	-30.41	2.30397G	-49.47	2.39952G	-39.98	2.56126G	-50.27	2.577523G	-43.80	3
2437MHz	Pass	2.439579G	-0.41	-30.41	2.305115G	-61.56	2.39984G	-43.76	2.55998G	-54.82	2.574718G	-44.34	4
2452MHz	Pass	2.439579G	-0.41	-30.41	2.30397G	-54.53	2.39952G	-58.94	2.48942G	-54.64	23.437859G	-52.86	1
2452MHz	Pass	2.439579G	-0.41	-30.41	2.302825G	-57.88	2.39952G	-59.04	2.48686G	-55.04	2.597155G	-53.35	2
2452MHz	Pass	2.439579G	-0.41	-30.41	2.307405G	-38.77	2.39984G	-59.95	2.4875G	-56.40	2.591546G	-37.40	3
2452MHz	Pass	2.439579G	-0.41	-30.41	2.30855G	-39.71	2.3904G	-59.38	2.48782G	-54.33	2.597155G	-39.04	4
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.439412G	3.40	-26.60	2.305245G	-60.61	2.39992G	-46.97	2.49598G	-58.58	24.921332G	-49.84	1
2412MHz	Pass	2.439412G	3.40	-26.60	2.30874G	-59.57	2.39992G	-48.71	2.49598G	-59.00	24.87076G	-49.98	2
2412MHz	Pass	2.439412G	3.40	-26.60	2.309905G	-60.05	2.39992G	-48.85	2.49598G	-59.55	24.837045G	-49.57	3
2412MHz	Pass	2.439412G	3.40	-26.60	2.300585G	-60.62	2.39976G	-47.49	2.49598G	-58.59	24.904475G	-49.52	4
2437MHz	Pass	2.439412G	3.40	-26.60	2.302915G	-59.55	2.39888G	-56.73	2.51902G	-56.95	24.853903G	-49.59	1
2437MHz	Pass	2.439412G	3.40	-26.60	2.300585G	-59.67	2.39944G	-56.88	2.5111G	-57.20	24.955047G	-49.82	2
2437MHz	Pass	2.439412G	3.40	-26.60	2.30175G	-60.09	2.39984G	-56.91	2.48422G	-57.26	24.921332G	-49.36	3
2437MHz	Pass	2.439412G	3.40	-26.60	2.30175G	-60.10	2.39976G	-56.72	2.52046G	-57.06	24.853903G	-49.83	4
2462MHz	Pass	2.439412G	3.40	-26.60	2.30408G	-58.64	2.39992G	-59.05	2.48366G	-56.57	24.983143G	-49.71	1
2462MHz	Pass	2.439412G	3.40	-26.60	2.30408G	-58.61	2.39096G	-58.95	2.48358G	-56.04	24.977524G	-49.72	2
2462MHz	Pass	2.439412G	3.40	-26.60	2.30408G	-59.22	2.39176G	-59.06	2.4839G	-52.85	24.915713G	-49.54	3
2462MHz	Pass	2.439412G	3.40	-26.60	2.30641G	-59.36	2.39088G	-58.88	2.48358G	-52.56	24.918523G	-49.83	4
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.425551G	0.53	-29.47	2.30855G	-60.45	2.39664G	-46.99	2.49598G	-58.62	24.910254G	-49.74	1
2422MHz	Pass	2.425551G	0.53	-29.47	2.30397G	-60.30	2.39728G	-47.51	2.49598G	-58.38	24.87099G	-49.81	2
2422MHz	Pass	2.425551G	0.53	-29.47	2.302825G	-60.75	2.39696G	-48.20	2.55998G	-55.54	24.882208G	-49.81	3
2422MHz	Pass	2.425551G	0.53	-29.47	31.145M	-60.25	2.39824G	-47.15	2.48542G	-58.20	24.800876G	-49.67	4
2437MHz	Pass	2.425551G	0.53	-29.47	2.30397G	-55.42	2.39952G	-43.50	2.49598G	-56.70	24.896231G	-49.75	1
2437MHz	Pass	2.425551G	0.53	-29.47	2.30397G	-56.52	2.3992G	-45.20	2.49598G	-57.41	24.868186G	-49.92	2
2437MHz	Pass	2.425551G	0.53	-29.47	2.30397G	-59.91	2.39952G	-45.86	2.55998G	-55.40	24.935495G	-49.60	3
2437MHz	Pass	2.425551G	0.53	-29.47	2.30397G	-59.92	2.39952G	-43.53	2.48574G	-56.58	24.868186G	-49.27	4
2452MHz	Pass	2.425551G	0.53	-29.47	2.30168G	-60.04	2.39648G	-57.86	2.48446G	-56.19	24.924277G	-49.48	1
2452MHz	Pass	2.425551G	0.53	-29.47	2.30397G	-59.44	2.3976G	-58.16	2.50126G	-56.98	24.887818G	-49.69	2
2452MHz	Pass	2.425551G	0.53	-29.47	2.30626G	-60.24	2.39872G	-56.80	2.48414G	-54.66	24.876599G	-49.91	3
2452MHz	Pass	2.425551G	0.53	-29.47	2.302825G	-60.00	2.39952G	-58.43	2.48446G	-54.55	24.798072G	-49.98	4

802.11b_Nss1,(1Mbps)_4TX **CSE NdB**

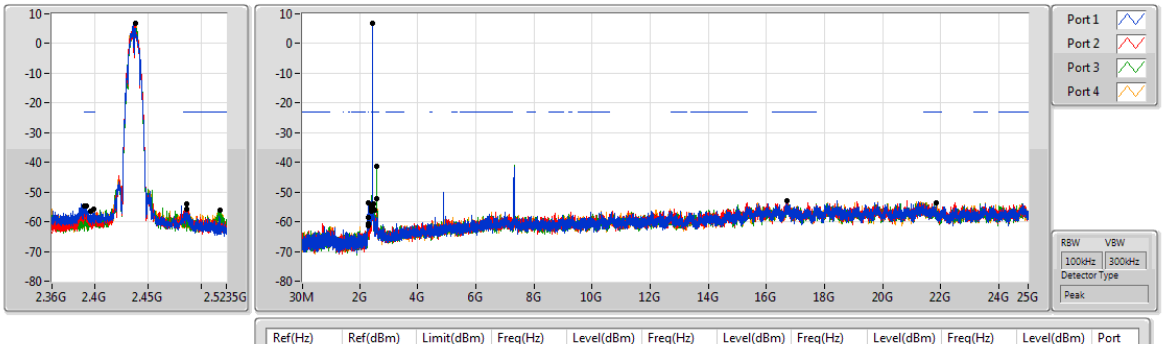
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43841G	6.78	-23.22	2.30408G	-55.71	2.398G	-45.09	2.50702G	-58.54	7.235136G	-42.45	1
2.43841G	6.78	-23.22	2.30408G	-60.65	2.39704G	-44.49	2.5095G	-55.17	7.235136G	-42.85	2
2.43841G	6.78	-23.22	2.30408G	-59.65	2.398G	-44.82	2.49294G	-54.67	7.235136G	-40.62	3
2.43841G	6.78	-23.22	2.309905G	-62.25	2.39856G	-43.35	2.49142G	-54.84	7.235136G	-39.99	4

802.11b_Nss1,(1Mbps)_4TX **CSE NdB**

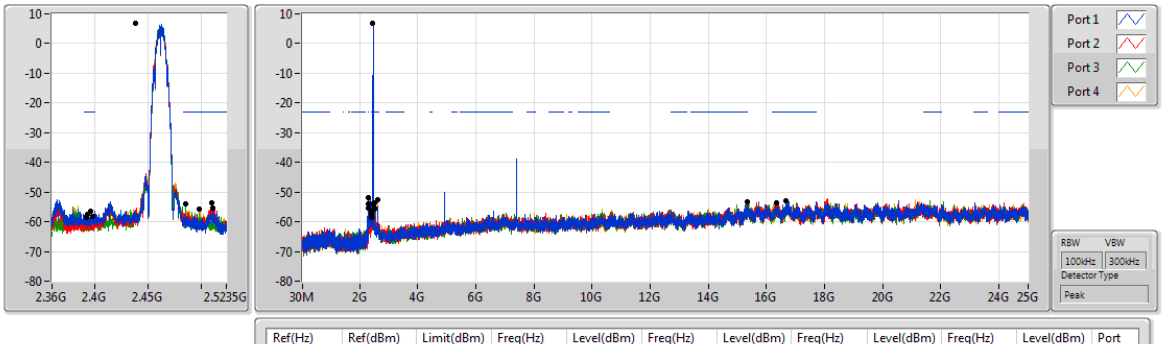
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43841G	6.78	-23.22	2.30408G	-53.54	2.39048G	-54.58	2.48646G	-55.66	21.830814G	-53.74	1
2.43841G	6.78	-23.22	2.30408G	-58.51	2.392G	-54.69	2.48598G	-54.12	16.706172G	-52.83	2
2.43841G	6.78	-23.22	2.305245G	-61.42	2.39616G	-56.37	2.51758G	-55.95	2.59093G	-41.33	3
2.43841G	6.78	-23.22	2.307575G	-60.49	2.39872G	-55.82	2.51782G	-56.07	2.596549G	-52.38	4

802.11b_Nss1,(1Mbps)_4TX **CSE NdB**

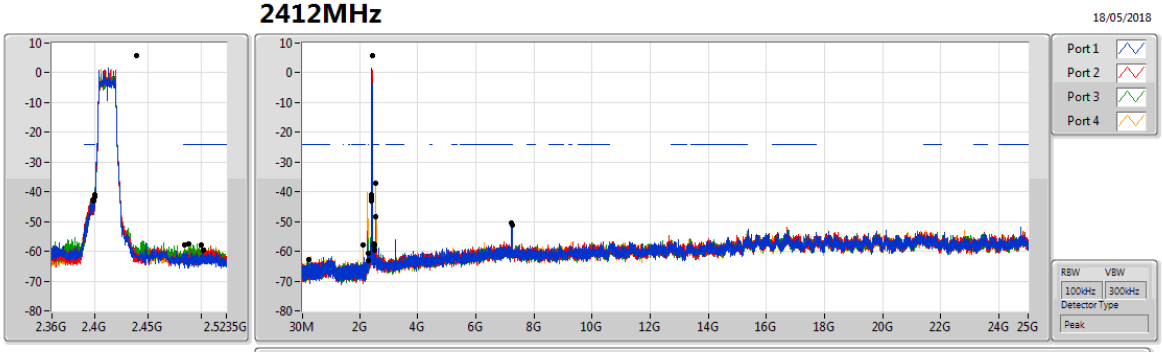
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43841G	6.78	-23.22	2.30408G	-51.84	2.39368G	-57.48	2.51054G	-55.34	15.329486G	-53.31	1
2.43841G	6.78	-23.22	2.30408G	-53.93	2.39232G	-58.58	2.5095G	-53.80	16.354976G	-53.49	2
2.43841G	6.78	-23.22	2.300585G	-55.50	2.39856G	-58.16	2.48494G	-54.00	16.666838G	-52.82	3
2.43841G	6.78	-23.22	2.30175G	-54.12	2.396G	-56.38	2.49798G	-55.89	2.621835G	-52.64	4

802.11g_Nss1,(6Mbps)_4TX **CSE NdB**

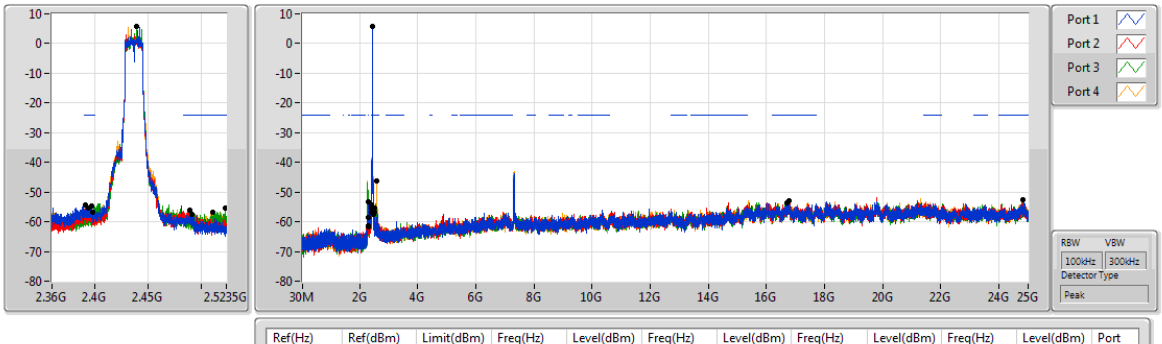
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.439412G	5.94	-24.06	2.30408G	-60.61	2.39888G	-43.18	2.50174G	-59.53	7.237946G	-51.14	1
2.439412G	5.94	-24.06	2.30874G	-63.15	2.39976G	-41.80	2.50022G	-57.85	7.229517G	-50.43	2
2.439412G	5.94	-24.06	228.05M	-62.82	2.39832G	-42.90	2.48846G	-57.55	2.551596G	-48.42	3
2.439412G	5.94	-24.06	2.10836G	-57.99	2.39984G	-40.83	2.4847G	-57.77	2.562834G	-37.06	4

802.11g_Nss1,(6Mbps)_4TX **CSE NdB**

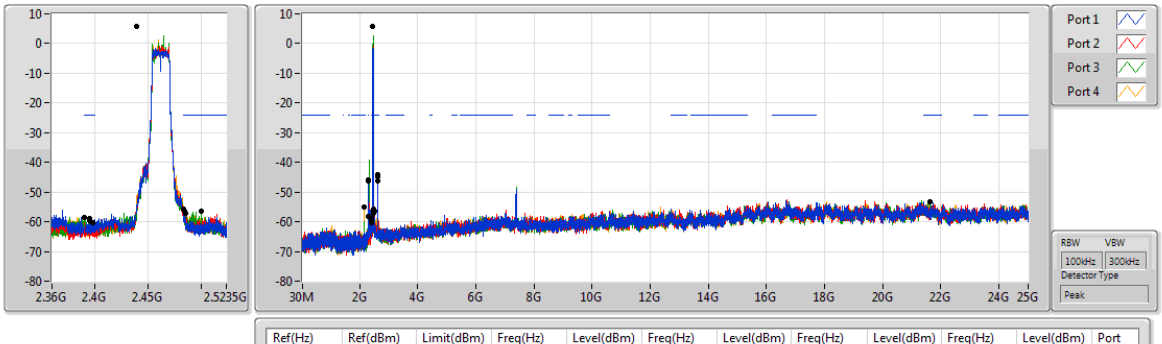
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.439412G	5.94	-24.06	2.30408G	-53.40	2.39176G	-54.28	2.49086G	-57.39	16.765172G	-53.04	1
2.439412G	5.94	-24.06	2.30408G	-58.63	2.39456G	-55.43	2.48902G	-56.06	16.686505G	-53.58	2
2.439412G	5.94	-24.06	2.30408G	-61.69	2.39712G	-54.52	2.52206G	-55.22	24.80895G	-52.70	3
2.439412G	5.94	-24.06	2.309905G	-61.24	2.39864G	-56.81	2.51078G	-56.96	2.582501G	-46.28	4

802.11g_Nss1,(6Mbps)_4TX **CSE NdB**

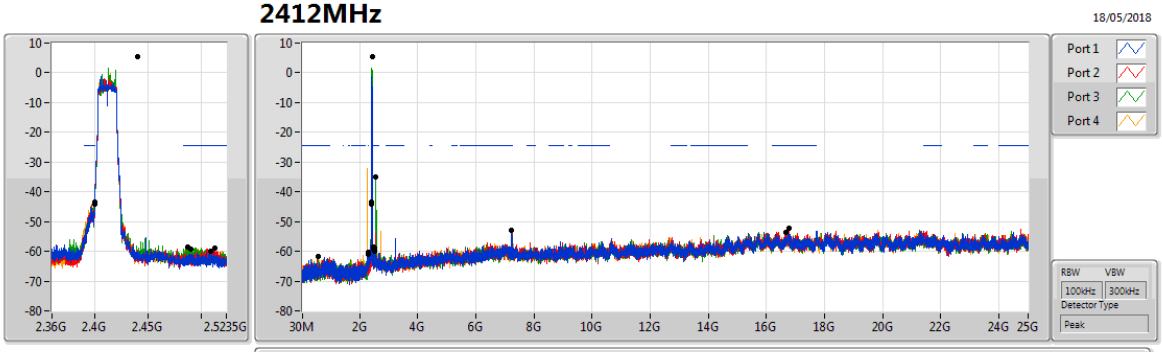
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.439412G	5.94	-24.06	2.302915G	-46.12	2.3952G	-58.89	2.48446G	-56.58	2.619025G	-46.14	1
2.439412G	5.94	-24.06	2.305245G	-45.87	2.39776G	-60.19	2.48486G	-57.27	2.621835G	-44.93	2
2.439412G	5.94	-24.06	2.30874G	-58.23	2.39016G	-58.72	2.49974G	-56.53	21.620096G	-53.42	3
2.439412G	5.94	-24.06	2.146805G	-55.09	2.39488G	-59.66	2.48374G	-55.77	2.604977G	-43.98	4

802.11ac VHT20_Nss1,(MCS0)_4TX **CSE NdB**

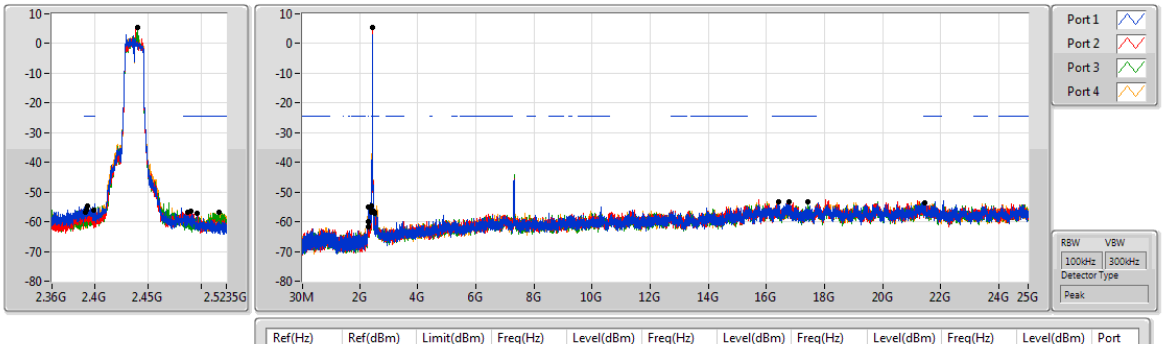
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.440748G	5.47	-24.53	2.30408G	-60.94	2.39992G	-44.09	2.50862G	-59.86	7.226708G	-52.78	1
2.440748G	5.47	-24.53	2.30408G	-60.22	2.39992G	-43.45	2.5127G	-58.90	16.765172G	-52.25	2
2.440748G	5.47	-24.53	562.405M	-61.77	2.39992G	-43.94	2.48726G	-58.69	2.562834G	-34.94	3
2.440748G	5.47	-24.53	2.30175G	-61.19	2.39992G	-43.51	2.49062G	-59.24	16.672457G	-53.59	4

802.11ac VHT20_Nss1,(MCS0)_4TX **CSE NdB**

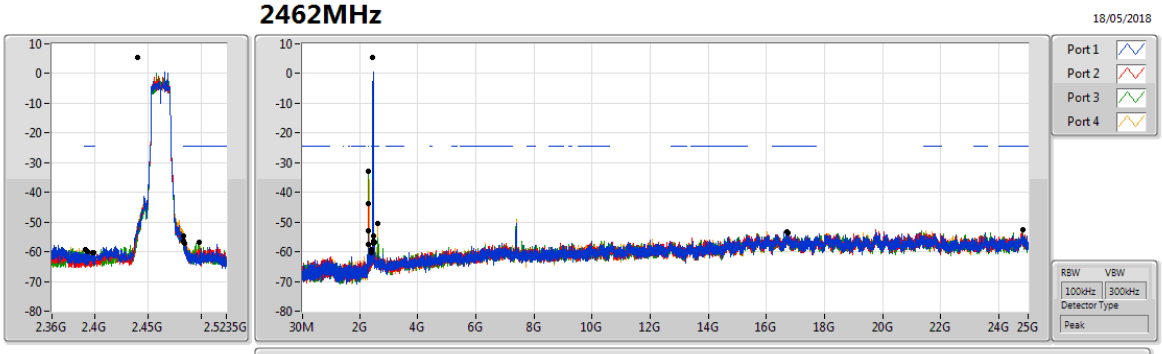
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.440748G	5.47	-24.53	2.30408G	-54.94	2.39352G	-54.57	2.48694G	-56.96	16.762363G	-53.34	1
2.440748G	5.47	-24.53	2.30408G	-59.98	2.39208G	-56.06	2.49022G	-56.52	16.402739G	-53.23	2
2.440748G	5.47	-24.53	2.305245G	-61.81	2.39952G	-55.94	2.51646G	-56.92	21.429046G	-53.54	3
2.440748G	5.47	-24.53	2.30408G	-59.94	2.39168G	-56.90	2.4959G	-57.04	17.402943G	-53.25	4

802.11ac VHT20_Nss1,(MCS0)_4TX **CSE NdB**

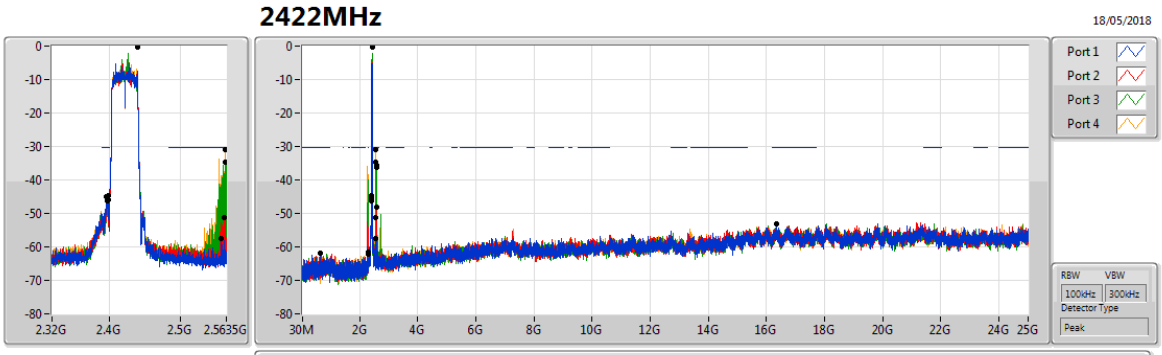
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.440748G	5.47	-24.53	2.309905G	-52.80	2.3916G	-59.30	2.48414G	-57.15	16.700552G	-53.32	1
2.440748G	5.47	-24.53	2.302915G	-43.72	2.3996G	-60.24	2.48382G	-56.57	16.728648G	-53.59	2
2.440748G	5.47	-24.53	2.307575G	-32.80	2.39336G	-60.11	2.49806G	-56.73	24.814569G	-52.63	3
2.440748G	5.47	-24.53	2.305245G	-57.34	2.39832G	-60.14	2.48358G	-54.63	2.633073G	-50.46	4

802.11ac VHT40_Nss1,(MCS0)_4TX **CSE NdB**

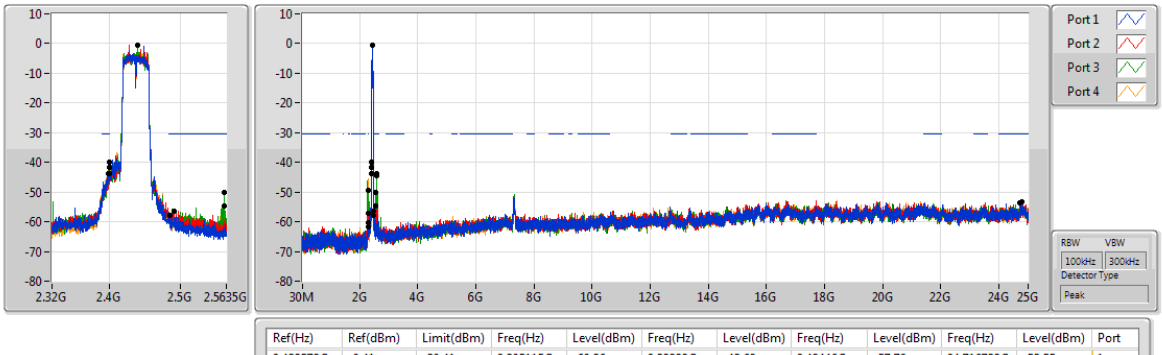
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.439579G	-0.41	-30.41	626.545M	-61.93	2.39824G	-45.91	2.55614G	-57.62	16.331097G	-53.15	1
2.439579G	-0.41	-30.41	2.30397G	-61.58	2.39776G	-46.38	2.55998G	-51.35	2.571914G	-48.08	2
2.439579G	-0.41	-30.41	2.30397G	-62.14	2.39584G	-45.06	2.56222G	-34.75	2.580327G	-36.38	3
2.439579G	-0.41	-30.41	2.30855G	-61.86	2.3984G	-44.58	2.56238G	-31.03	2.583132G	-35.70	4

802.11ac VHT40_Nss1,(MCS0)_4TX **CSE NdB**

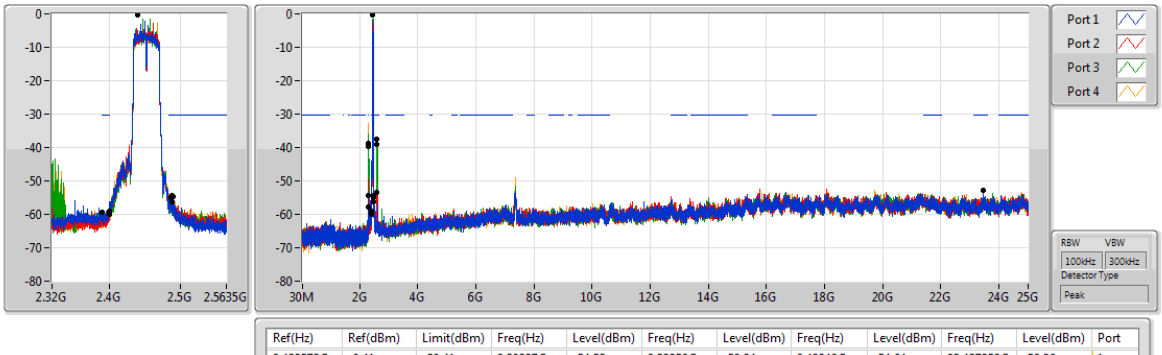
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.439579G	-0.41	-30.41	2.305115G	-60.36	2.39888G	-43.68	2.48446G	-57.72	24.716739G	-53.55	1
2.439579G	-0.41	-30.41	2.305115G	-57.11	2.39968G	-41.81	2.49102G	-56.38	24.792462G	-53.18	2
2.439579G	-0.41	-30.41	2.30397G	-49.47	2.39952G	-39.98	2.56126G	-50.27	2.577523G	-43.80	3
2.439579G	-0.41	-30.41	2.305115G	-61.56	2.39984G	-43.76	2.55998G	-54.82	2.574718G	-44.34	4

802.11ac VHT40_Nss1,(MCS0)_4TX **CSE NdB**

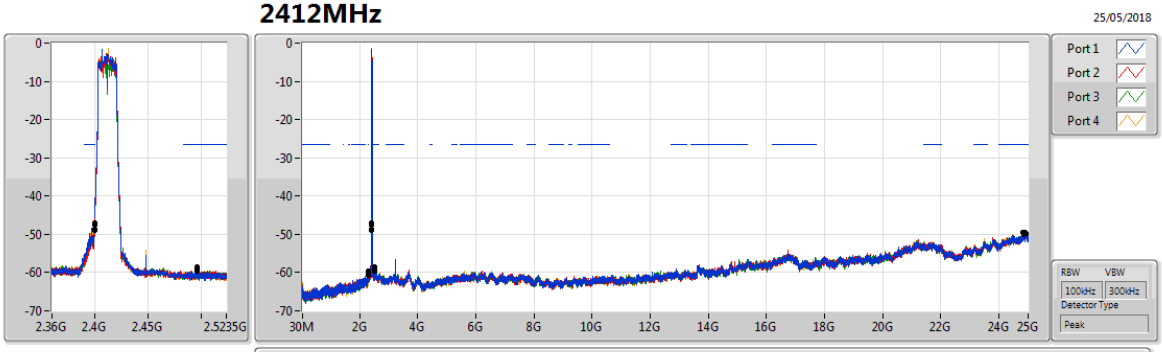
2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.439579G	-0.41	-30.41	2.30397G	-54.53	2.39952G	-58.94	2.48942G	-54.64	23.437859G	-52.86	1
2.439579G	-0.41	-30.41	2.302825G	-57.88	2.39952G	-59.04	2.48686G	-55.04	2.597155G	-53.35	2
2.439579G	-0.41	-30.41	2.307405G	-38.77	2.39984G	-59.95	2.4875G	-56.40	2.591546G	-37.40	3
2.439579G	-0.41	-30.41	2.30855G	-39.71	2.3904G	-59.38	2.48782G	-54.33	2.597155G	-39.04	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **CSE NdB**

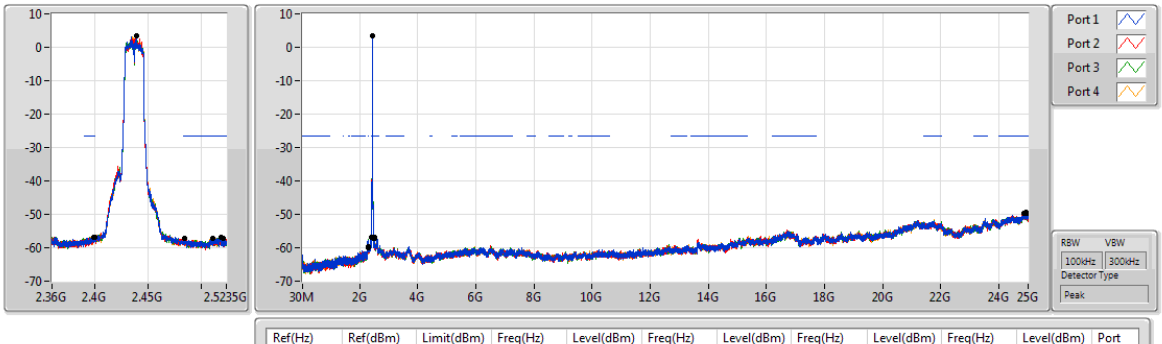
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.439412G	3.40	-26.60	2.305245G	-60.61	2.39992G	-46.97	2.49598G	-58.58	24.921332G	-49.84	1
2.439412G	3.40	-26.60	2.30874G	-59.57	2.39992G	-48.71	2.49598G	-59.00	24.87076G	-49.98	2
2.439412G	3.40	-26.60	2.309905G	-60.05	2.39992G	-48.85	2.49598G	-59.55	24.837045G	-49.57	3
2.439412G	3.40	-26.60	2.300585G	-60.62	2.39976G	-47.49	2.49598G	-58.59	24.904475G	-49.52	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **CSE NdB**

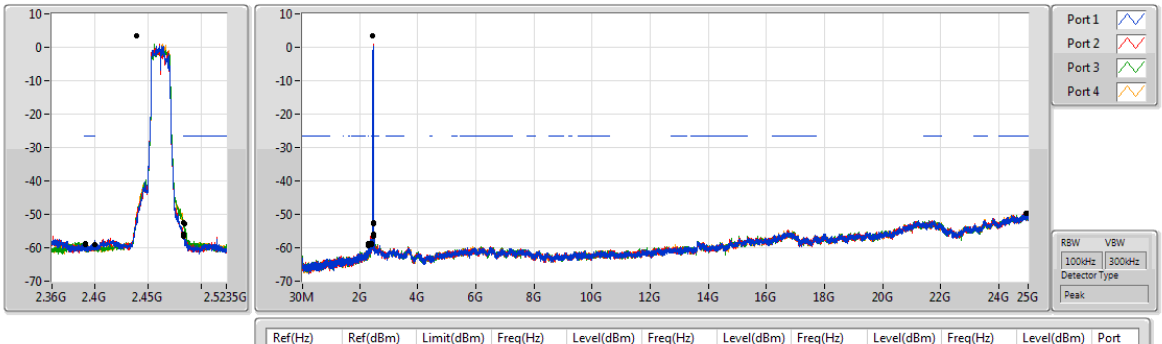
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.439412G	3.40	-26.60	2.302915G	-59.55	2.39888G	-56.73	2.51902G	-56.95	24.853903G	-49.59	1
2.439412G	3.40	-26.60	2.300585G	-59.67	2.39944G	-56.88	2.5111G	-57.20	24.955047G	-49.82	2
2.439412G	3.40	-26.60	2.30175G	-60.09	2.39984G	-56.91	2.48422G	-57.26	24.921332G	-49.36	3
2.439412G	3.40	-26.60	2.30175G	-60.10	2.39976G	-56.72	2.52046G	-57.06	24.853903G	-49.83	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **CSE NdB**

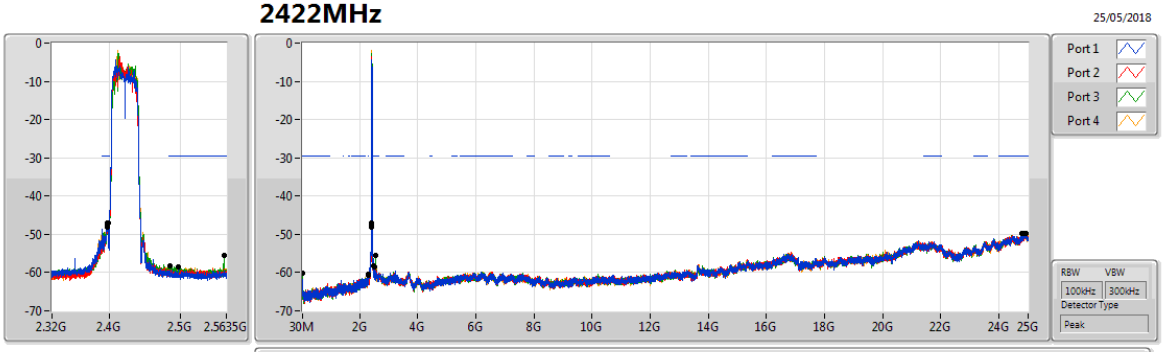
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.439412G	3.40	-26.60	2.30408G	-58.64	2.39992G	-59.05	2.48366G	-56.57	24.983143G	-49.71	1
2.439412G	3.40	-26.60	2.30408G	-58.61	2.39096G	-58.95	2.48358G	-56.04	24.977524G	-49.72	2
2.439412G	3.40	-26.60	2.30408G	-59.22	2.39176G	-59.06	2.4839G	-52.85	24.915713G	-49.54	3
2.439412G	3.40	-26.60	2.30641G	-59.36	2.39088G	-58.88	2.48358G	-52.56	24.918523G	-49.83	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **CSE NdB**

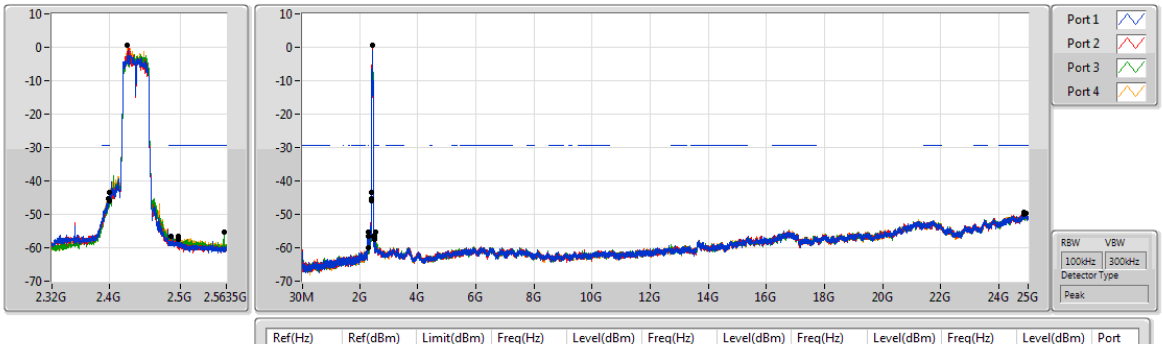
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.425551G	0.53	-29.47	2.30855G	-60.45	2.39664G	-46.99	2.49598G	-58.62	24.910254G	-49.74	1
2.425551G	0.53	-29.47	2.30397G	-60.30	2.39728G	-47.51	2.49598G	-58.38	24.87099G	-49.81	2
2.425551G	0.53	-29.47	2.302825G	-60.75	2.39696G	-48.20	2.55998G	-55.54	24.882208G	-49.81	3
2.425551G	0.53	-29.47	31.145M	-60.25	2.39824G	-47.15	2.48542G	-58.20	24.800876G	-49.67	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **CSE NdB**

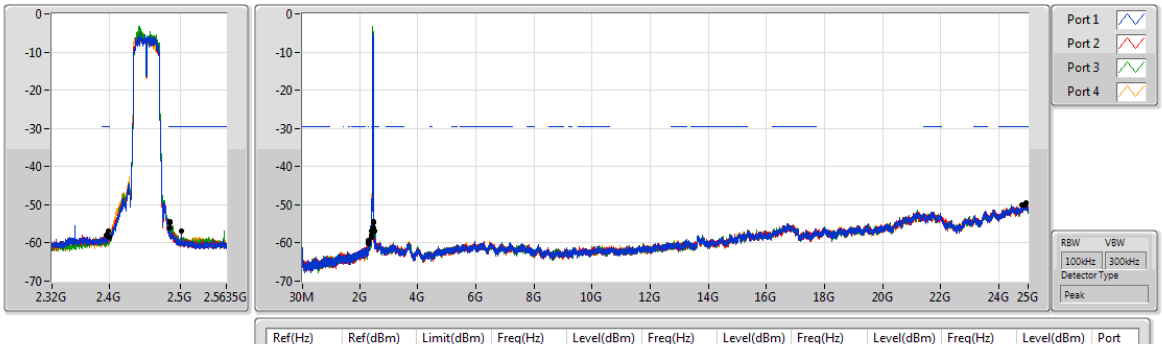
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.425551G	0.53	-29.47	2.30397G	-55.42	2.39952G	-43.50	2.49598G	-56.70	24.896231G	-49.75	1
2.425551G	0.53	-29.47	2.30397G	-56.52	2.3992G	-45.20	2.49598G	-57.41	24.868186G	-49.92	2
2.425551G	0.53	-29.47	2.30397G	-59.91	2.39952G	-45.86	2.55998G	-55.40	24.935495G	-49.60	3
2.425551G	0.53	-29.47	2.30397G	-59.92	2.39952G	-43.53	2.48574G	-56.58	24.868186G	-49.27	4

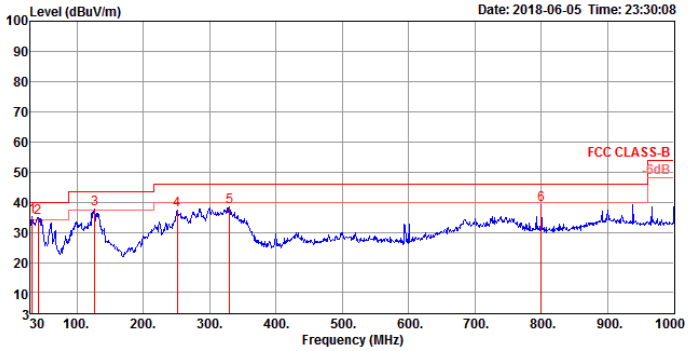
802.11ac VHT40-BF_Nss1,(MCS0)_4TX **CSE NdB**

2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.425551G	0.53	-29.47	2.30168G	-60.04	2.39648G	-57.86	2.48446G	-56.19	24.924277G	-49.48	1
2.425551G	0.53	-29.47	2.30397G	-59.44	2.3976G	-58.16	2.50126G	-56.98	24.887818G	-49.69	2
2.425551G	0.53	-29.47	2.30626G	-60.24	2.39872G	-56.80	2.48414G	-54.66	24.876599G	-49.91	3
2.425551G	0.53	-29.47	2.302825G	-60.00	2.39952G	-58.43	2.48446G	-54.55	24.798072G	-49.98	4

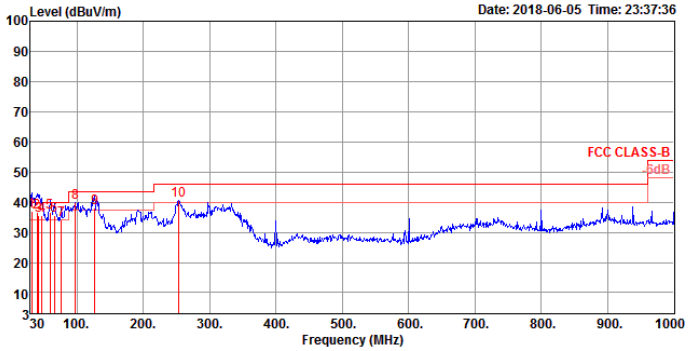
RSE below 1GHz Result			
Operating Mode	3	**Polarization**	Horizontal
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	32.91	35.16	40.00	-4.84	42.61	0.99	23.99	32.43	200	304	Peak	HORIZONTAL
2	41.64	34.93	40.00	-5.07	47.30	1.24	18.81	32.42	200	204	Peak	HORIZONTAL
3	127.00	37.57	43.50	-5.93	50.22	1.15	18.55	32.35	300	203	Peak	HORIZONTAL
4	251.16	37.24	46.00	-8.76	48.15	2.38	18.99	32.28	125	357	Peak	HORIZONTAL
5	329.73	38.41	46.00	-7.59	48.17	1.85	20.66	32.27	100	154	Peak	HORIZONTAL
6	800.18	39.11	46.00	-6.89	41.00	3.51	26.70	32.10	150	176	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	3	**Polarization**	Vertical
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	31.94	36.95	40.00	-3.05	43.88	0.99	24.51	32.43	100	294	QP	VERTICAL
2	39.70	36.71	40.00	-3.29	48.02	1.15	19.96	32.42	125	300	QP	VERTICAL
3	42.61	35.50	40.00	-4.50	48.32	1.28	18.32	32.42	125	278	QP	VERTICAL
4	47.46	35.47	40.00	-4.53	50.58	1.41	15.90	32.42	100	189	QP	VERTICAL
5	59.10	36.55	40.00	-3.45	54.88	1.27	12.81	32.41	100	92	QP	VERTICAL
6	65.89	35.54	40.00	-4.46	54.24	1.10	12.60	32.40	150	22	QP	VERTICAL
7	76.56	34.14	40.00	-5.86	52.61	0.86	13.06	32.39	100	118	QP	VERTICAL
8	97.90	39.87	43.50	-3.63	54.68	0.84	16.72	32.37	100	281	Peak	VERTICAL
9	127.00	37.97	43.50	-5.53	50.62	1.15	18.55	32.35	100	31	QP	VERTICAL
10	253.10	40.75	46.00	-5.25	51.47	2.39	19.17	32.28	100	302	Peak	VERTICAL

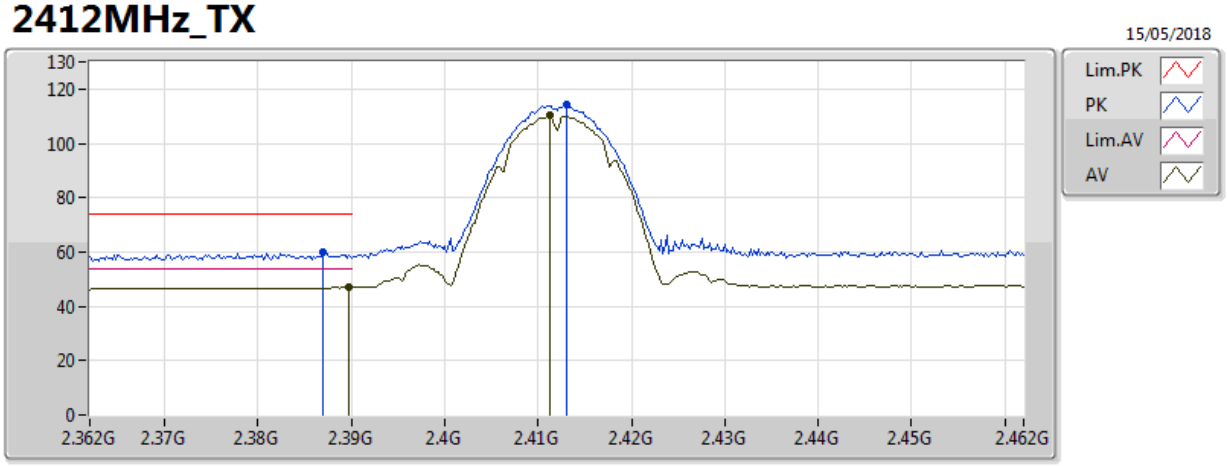
Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT40_Nss1,(MCS0)_4TX	Pass	AV	2.3898G	53.49	54.00	-0.51	31.50	3	Horizontal	337	1.87	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

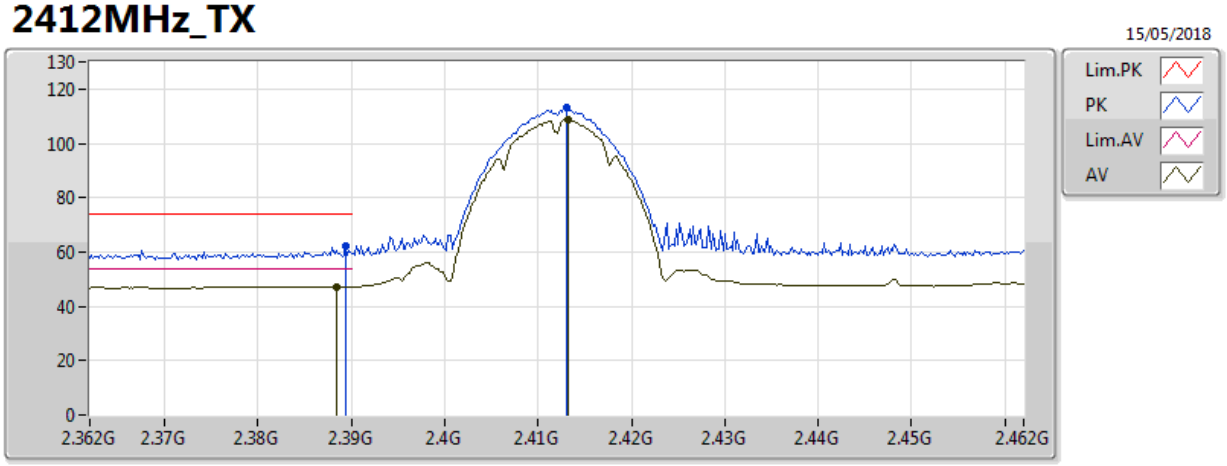


EUT X_4TX
Setting 16.5
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.387G	60.07	74.00	-13.93	31.49	3	Vertical	35	1.99
AV	2.3898G	46.90	54.00	-7.10	31.50	3	Vertical	35	1.99
PK	2.413G	114.17	Inf	-Inf	31.56	3	Vertical	35	1.99
AV	2.4112G	110.13	Inf	-Inf	31.56	3	Vertical	35	1.99

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

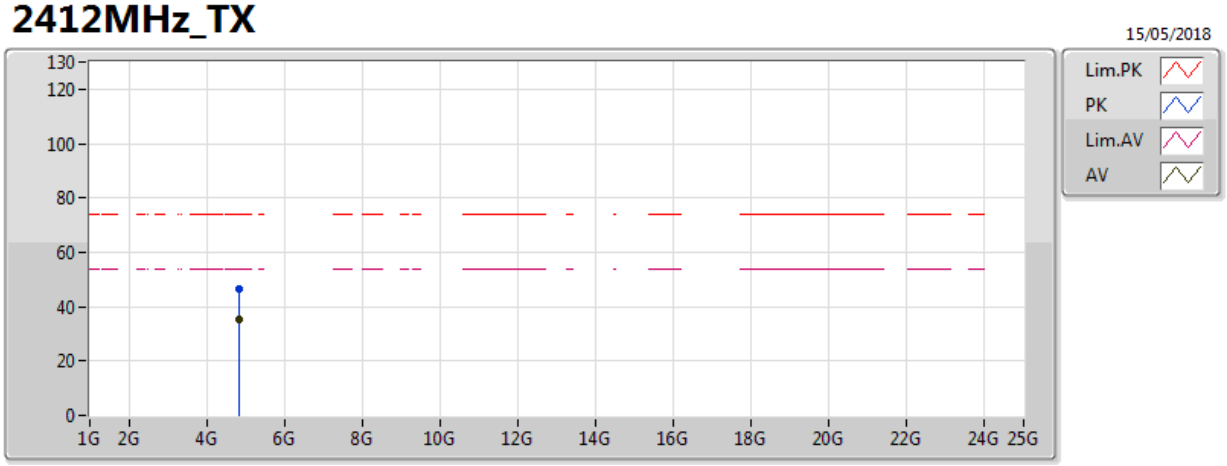


EUT X_4TX
Setting 16.5
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3894G	62.32	74.00	-11.68	31.50	3	Horizontal	324	1.77
AV	2.3884G	47.30	54.00	-6.70	31.50	3	Horizontal	324	1.77
PK	2.413G	113.03	Inf	-Inf	31.56	3	Horizontal	324	1.77
AV	2.4132G	108.55	Inf	-Inf	31.56	3	Horizontal	324	1.77

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

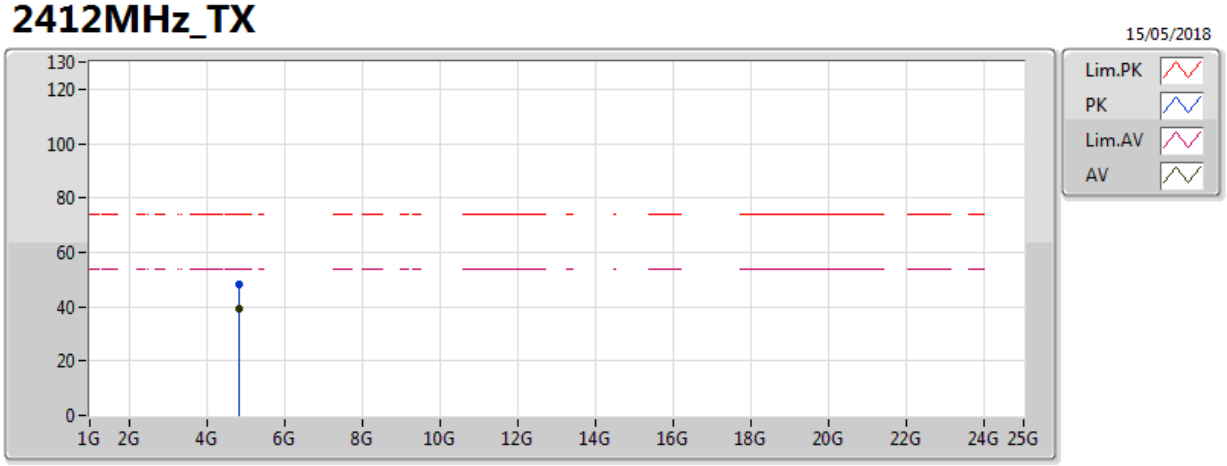


EUT X_4TX
Setting 16.5
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.82732G	46.64	74.00	-27.36	7.91	3	Vertical	180	2.70
AV	4.82396G	35.43	54.00	-18.57	7.90	3	Vertical	180	2.70

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

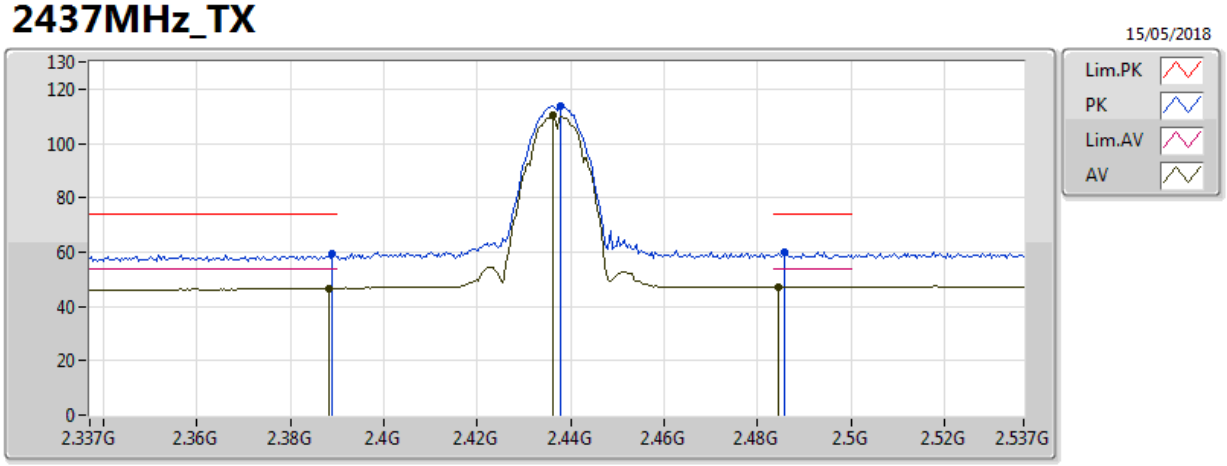


EUT X_4TX
Setting 16.5
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.82396G	47.94	74.00	-26.06	7.90	3	Horizontal	236	1.37
AV	4.82396G	39.01	54.00	-14.99	7.90	3	Horizontal	236	1.37

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

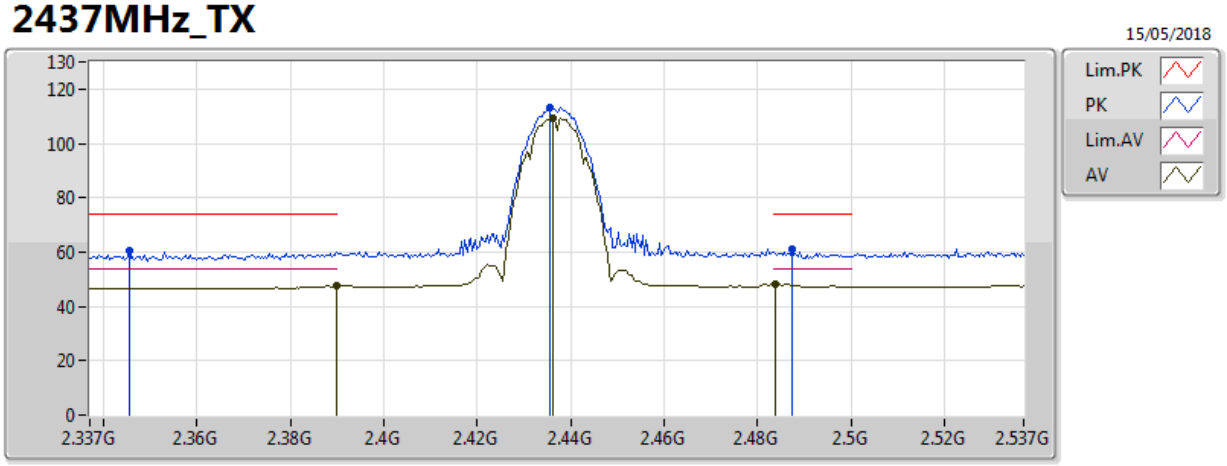


EUT X_4TX
Setting 16
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.389G	59.17	74.00	-14.83	31.50	3	Vertical	29	1.52
AV	2.3882G	46.69	54.00	-7.31	31.50	3	Vertical	29	1.52
PK	2.4378G	113.89	Inf	-Inf	31.62	3	Vertical	29	1.52
AV	2.4362G	110.20	Inf	-Inf	31.62	3	Vertical	29	1.52
PK	2.4858G	59.87	74.00	-14.13	31.73	3	Vertical	29	1.52
AV	2.4846G	47.18	54.00	-6.82	31.73	3	Vertical	29	1.52

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

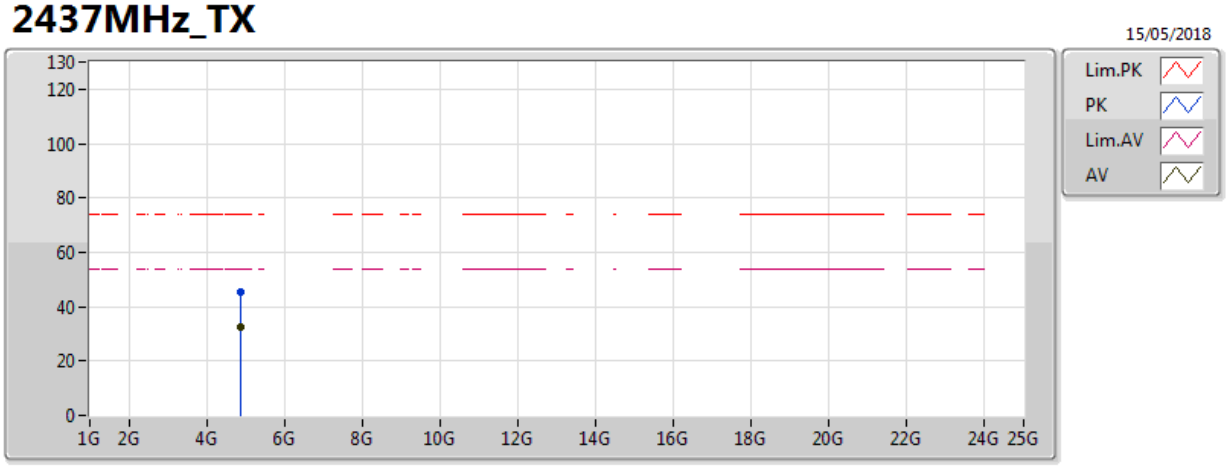


EUT X_4TX
Setting 16
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3454G	60.39	74.00	-13.61	31.39	3	Horizontal	336	1.86
AV	2.3898G	47.55	54.00	-6.45	31.50	3	Horizontal	336	1.86
PK	2.4354G	113.16	Inf	-Inf	31.61	3	Horizontal	336	1.86
AV	2.4362G	109.41	Inf	-Inf	31.62	3	Horizontal	336	1.86
PK	2.4874G	61.10	74.00	-12.90	31.74	3	Horizontal	336	1.86
AV	2.4838G	48.11	54.00	-5.89	31.73	3	Horizontal	336	1.86

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

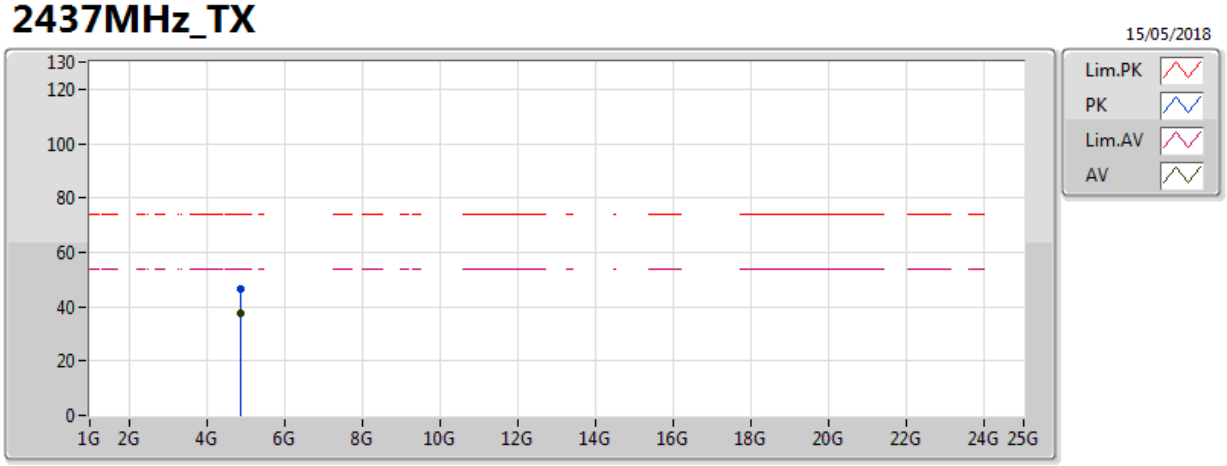


EUT X_4TX
Setting 16
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.87352G	45.34	74.00	-28.66	8.01	3	Vertical	130	1.29
AV	4.87396G	32.67	54.00	-21.33	8.01	3	Vertical	130	1.29

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

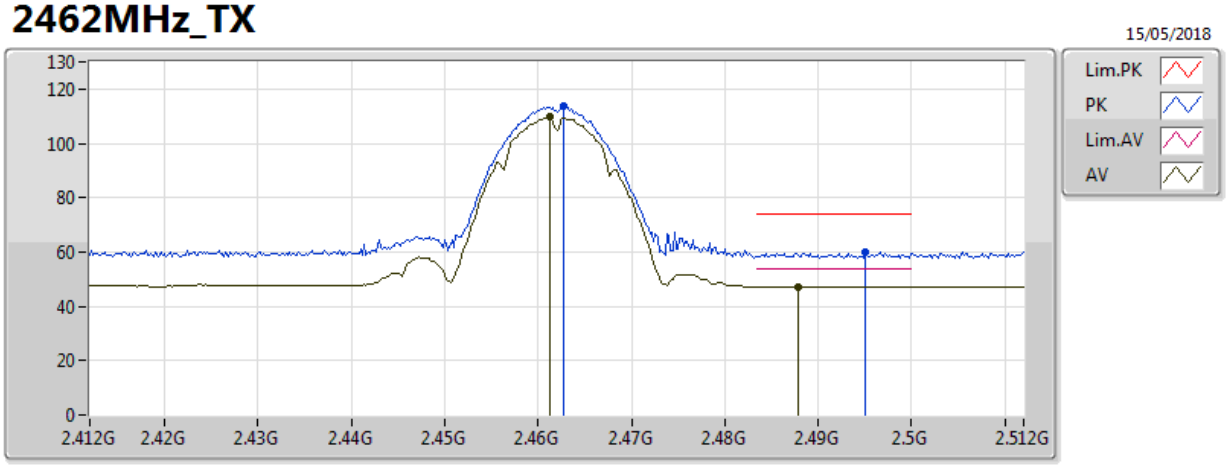


EUT X_4TX
Setting 16
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.874G	46.63	74.00	-27.37	8.01	3	Horizontal	233	1.48
AV	4.874G	37.34	54.00	-16.66	8.01	3	Horizontal	233	1.48

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

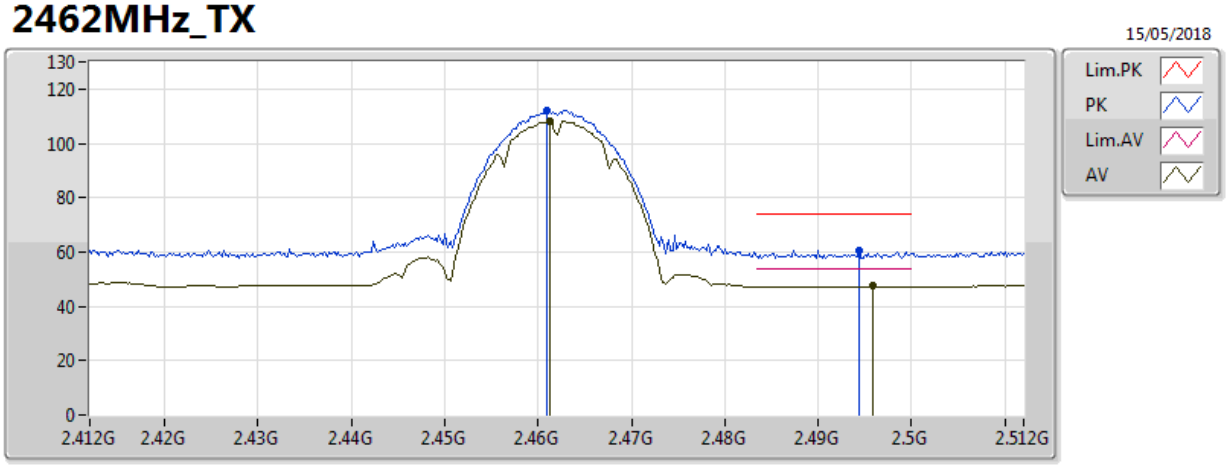


EUT X_4TX
Setting 16
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.4628G	113.69	Inf	-Inf	31.68	3	Vertical	31	2.05
AV	2.4612G	109.61	Inf	-Inf	31.68	3	Vertical	31	2.05
PK	2.495G	60.05	74.00	-13.95	31.76	3	Vertical	31	2.05
AV	2.4878G	47.25	54.00	-6.75	31.74	3	Vertical	31	2.05

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

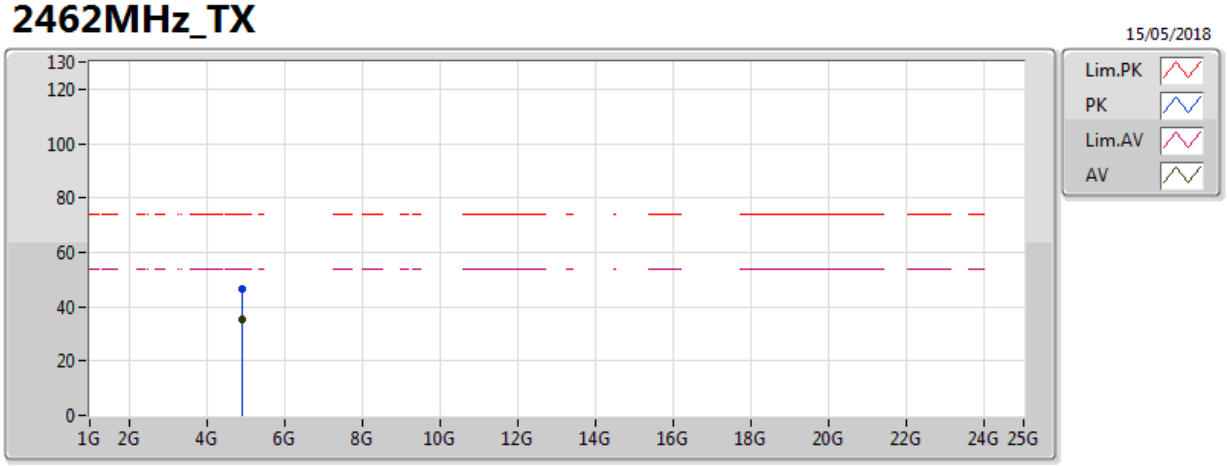


EUT X_4TX
Setting 16
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.461G	112.20	Inf	-Inf	31.68	3	Horizontal	339	1.50
AV	2.4612G	108.18	Inf	-Inf	31.68	3	Horizontal	339	1.50
PK	2.4944G	60.47	74.00	-13.53	31.76	3	Horizontal	339	1.50
AV	2.4958G	47.38	54.00	-6.62	31.76	3	Horizontal	339	1.50

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

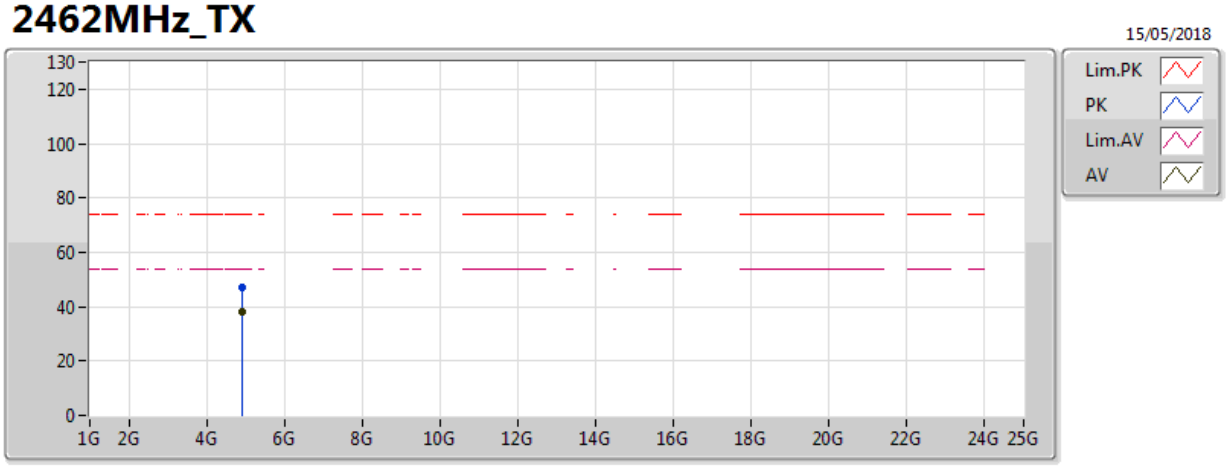


EUT X_4TX
Setting 16
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.92644G	46.37	74.00	-27.63	8.13	3	Vertical	147	2.38
AV	4.924G	35.44	54.00	-18.56	8.12	3	Vertical	147	2.38

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

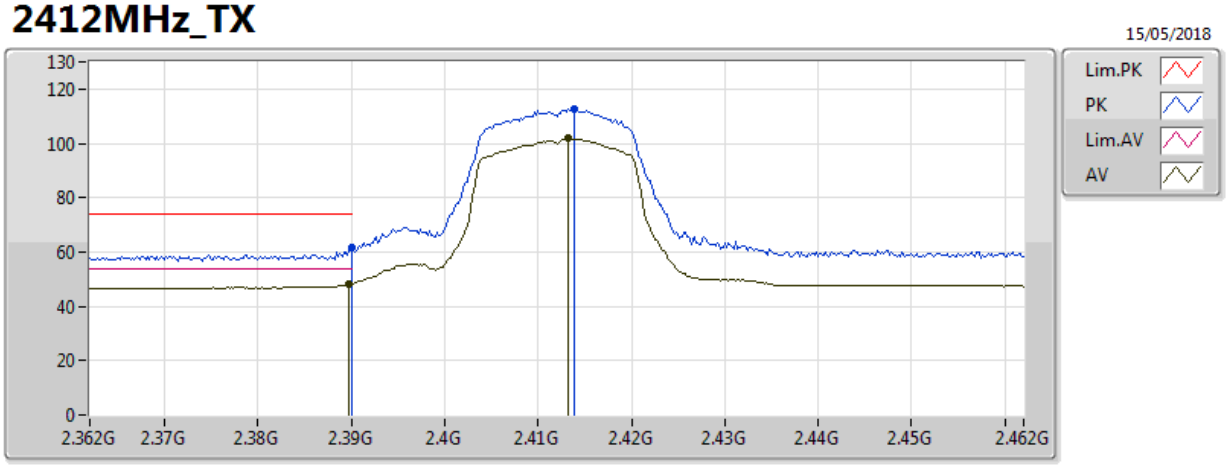


EUT X_4TX
Setting 16
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.92408G	47.34	74.00	-26.66	8.12	3	Horizontal	111	1.61
AV	4.924G	37.99	54.00	-16.01	8.12	3	Horizontal	111	1.61

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

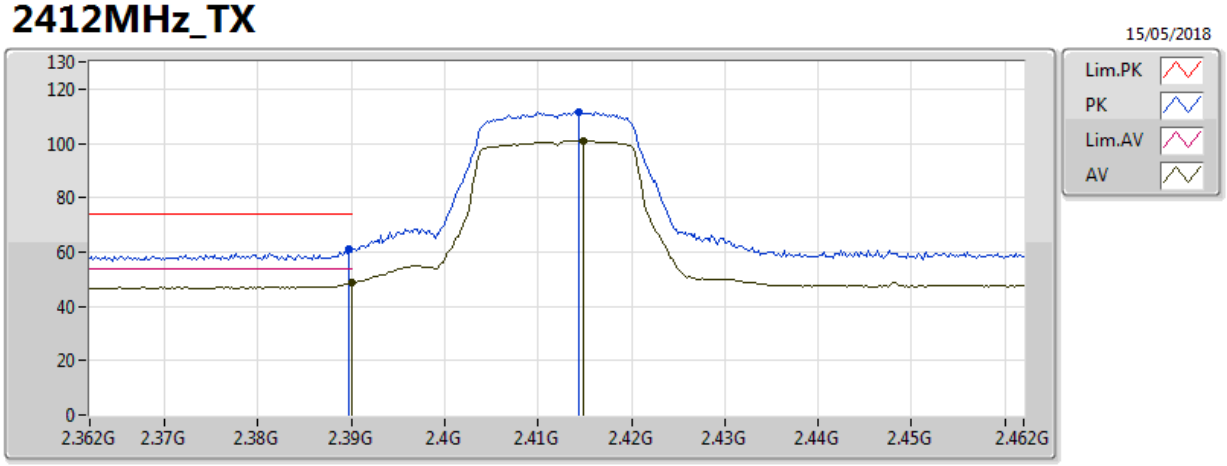


EUT X_4TX
Setting 13.5
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.389998G	61.49	74.00	-12.51	31.50	3	Vertical	38	1.93
AV	2.3898G	48.18	54.00	-5.82	31.50	3	Vertical	38	1.93
PK	2.4138G	112.83	Inf	-Inf	31.56	3	Vertical	38	1.93
AV	2.4132G	101.74	Inf	-Inf	31.56	3	Vertical	38	1.93

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

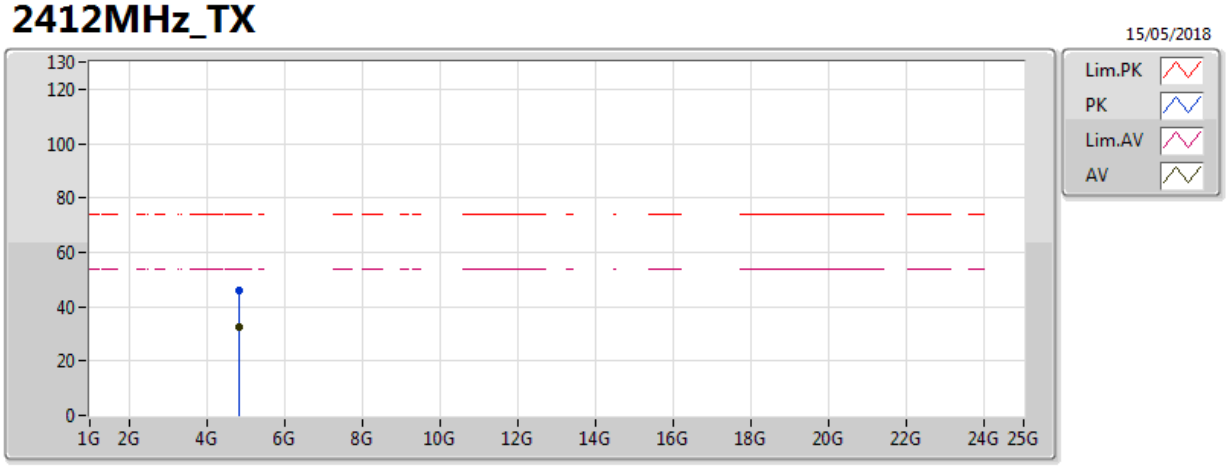


EUT X_4TX
Setting 13.5
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3898G	61.20	74.00	-12.80	31.50	3	Horizontal	333	1.56
AV	2.389998G	48.49	54.00	-5.51	31.50	3	Horizontal	333	1.56
PK	2.4144G	111.59	Inf	-Inf	31.56	3	Horizontal	333	1.56
AV	2.4148G	101.09	Inf	-Inf	31.57	3	Horizontal	333	1.56

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

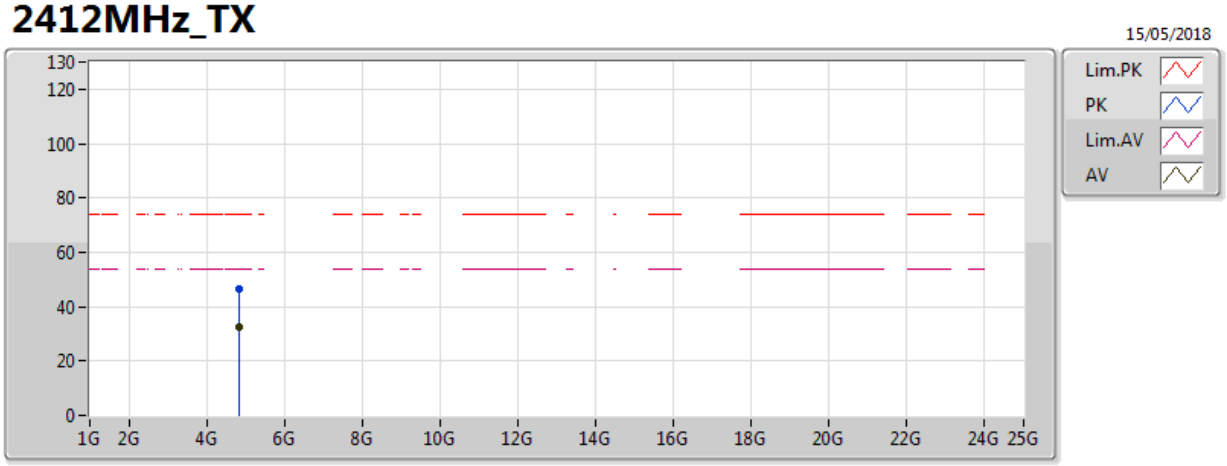


EUT X_4TX
Setting 13.5
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.82028G	45.67	74.00	-28.33	7.89	3	Vertical	186	1.49
AV	4.82728G	32.51	54.00	-21.49	7.91	3	Vertical	186	1.49

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

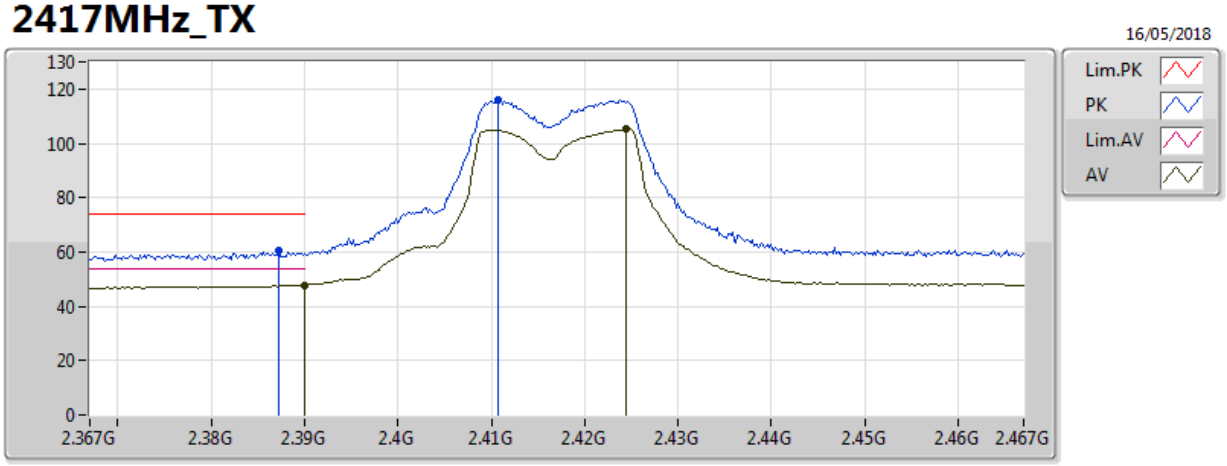


EUT X_4TX
Setting 13.5
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.83056G	46.42	74.00	-27.58	7.92	3	Horizontal	160	1.50
AV	4.82536G	32.57	54.00	-21.43	7.91	3	Horizontal	160	1.50

802.11g_Nss1,(6Mbps)_4TX

2417MHz_TX

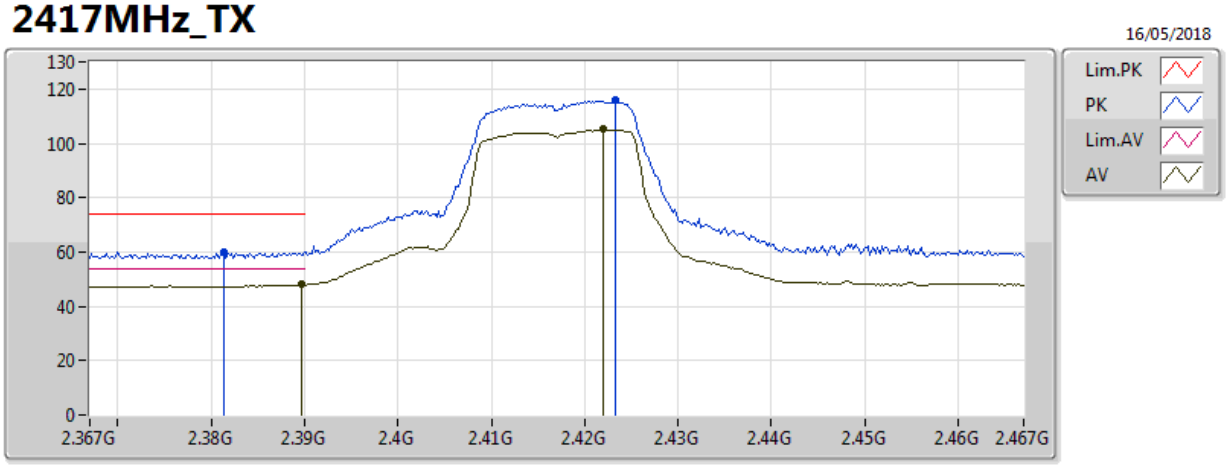


EUT X_4TX
Setting 17
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3872G	60.34	74.00	-13.66	31.49	3	Vertical	2	1.81
AV	2.389998G	47.87	54.00	-6.13	31.50	3	Vertical	2	1.81
PK	2.4108G	116.26	Inf	-Inf	31.56	3	Vertical	2	1.81
AV	2.4244G	105.40	Inf	-Inf	31.59	3	Vertical	2	1.81

802.11g_Nss1,(6Mbps)_4TX

2417MHz_TX

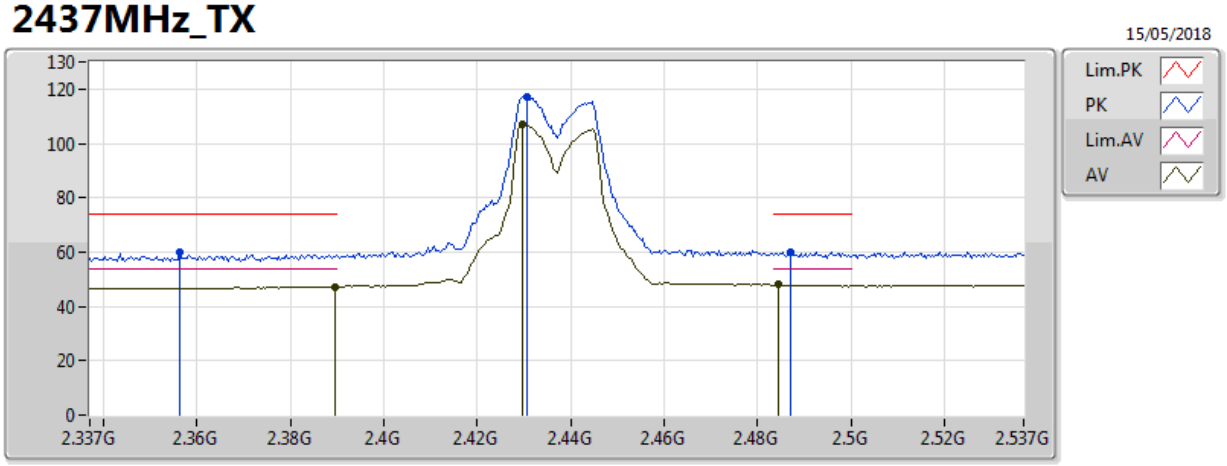


EUT X_4TX
Setting 17
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3814G	59.90	74.00	-14.10	31.48	3	Horizontal	336	1.65
AV	2.3896G	47.95	54.00	-6.05	31.50	3	Horizontal	336	1.65
PK	2.4232G	116.05	Inf	-Inf	31.59	3	Horizontal	336	1.65
AV	2.422G	105.09	Inf	-Inf	31.58	3	Horizontal	336	1.65

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

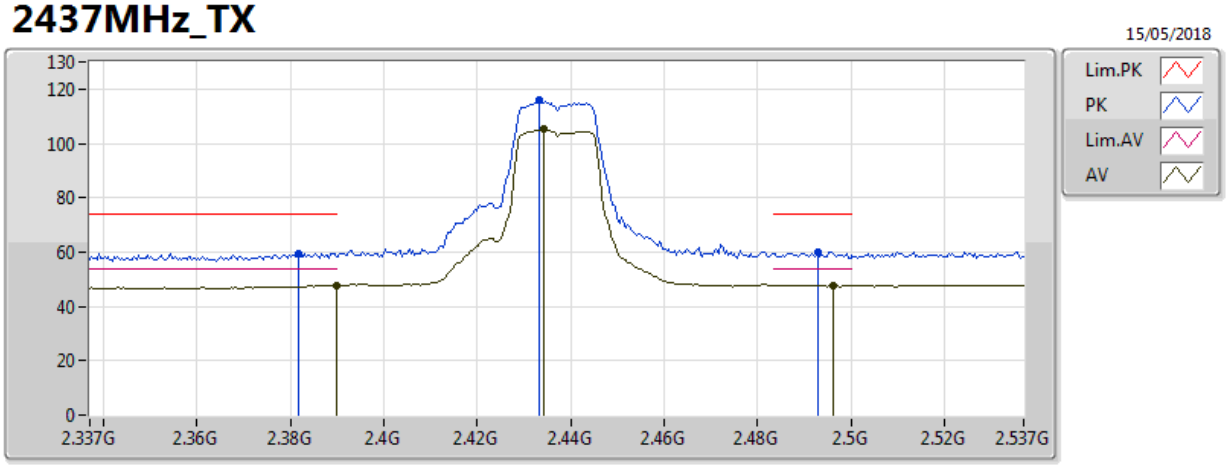


EUT X_4TX
Setting 17
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3562G	59.92	74.00	-14.08	31.41	3	Vertical	358	1.85
AV	2.3894G	47.32	54.00	-6.68	31.50	3	Vertical	358	1.85
PK	2.4306G	117.31	Inf	-Inf	31.60	3	Vertical	358	1.85
AV	2.4298G	107.05	Inf	-Inf	31.60	3	Vertical	358	1.85
PK	2.487G	60.16	74.00	-13.84	31.74	3	Vertical	358	1.85
AV	2.4846G	47.93	54.00	-6.07	31.73	3	Vertical	358	1.85

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

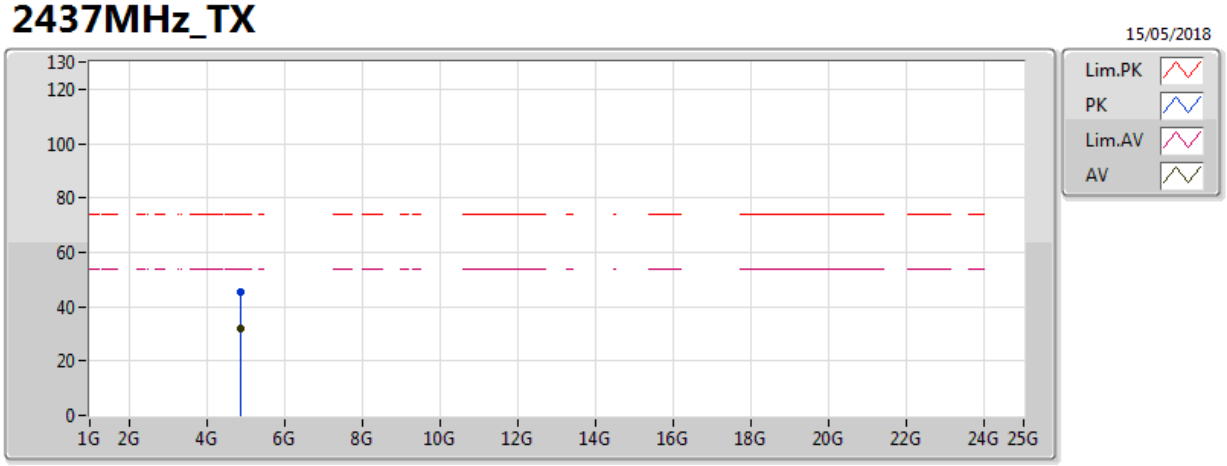


EUT X_4TX
Setting 17
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3818G	59.57	74.00	-14.43	31.48	3	Horizontal	336	1.54
AV	2.3898G	47.83	54.00	-6.17	31.50	3	Horizontal	336	1.54
PK	2.4334G	116.13	Inf	-Inf	31.61	3	Horizontal	336	1.54
AV	2.4342G	105.12	Inf	-Inf	31.61	3	Horizontal	336	1.54
PK	2.493G	60.15	74.00	-13.85	31.76	3	Horizontal	336	1.54
AV	2.4962G	47.87	54.00	-6.13	31.76	3	Horizontal	336	1.54

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

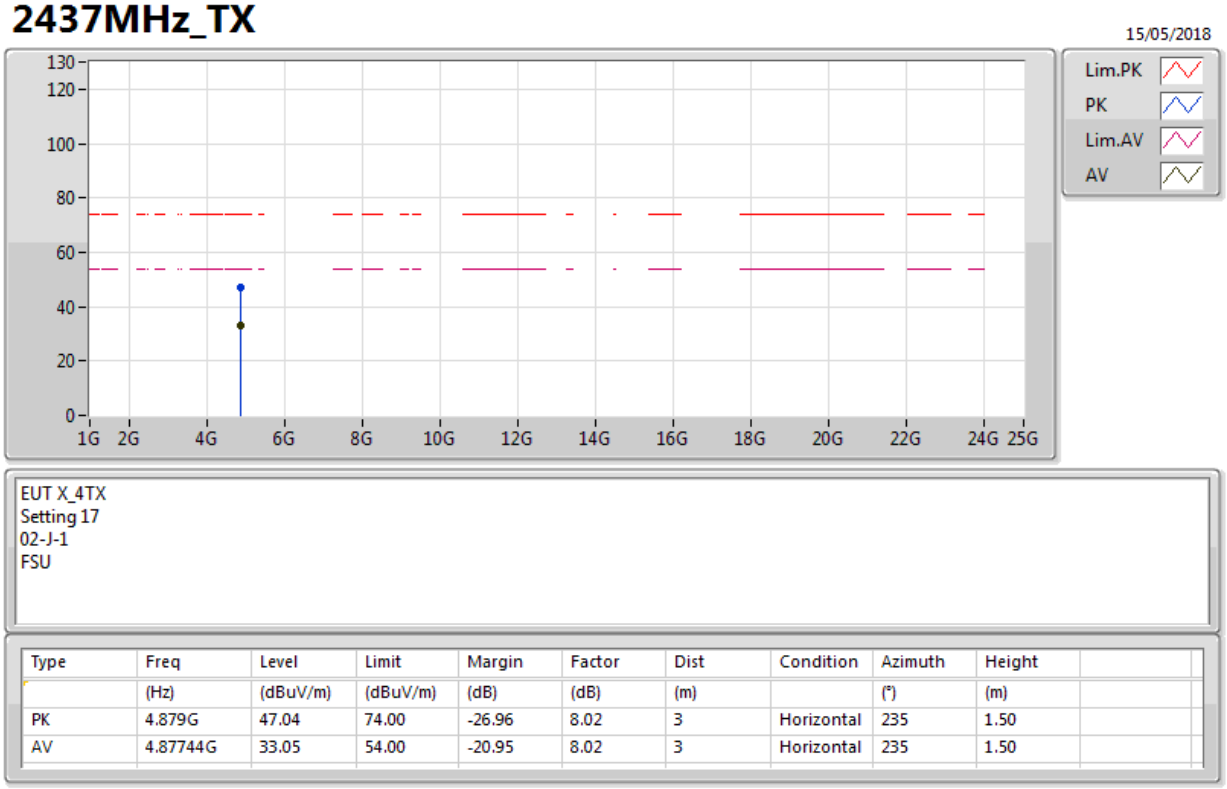


EUT X_4TX
Setting 17
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.88344G	45.27	74.00	-28.73	8.03	3	Vertical	96	1.50
AV	4.87892G	31.84	54.00	-22.16	8.02	3	Vertical	96	1.50

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

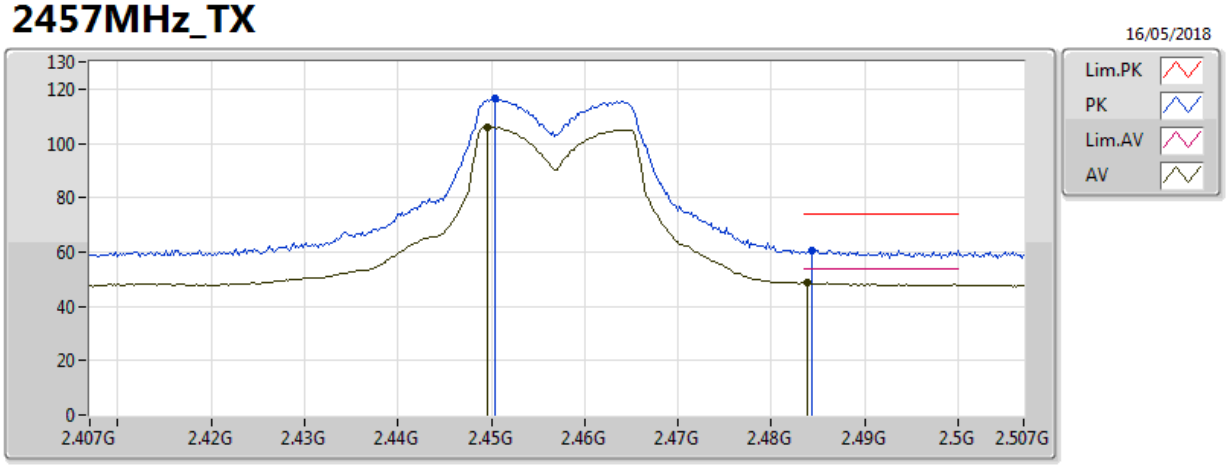


EUT X_4TX
Setting 17
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.879G	47.04	74.00	-26.96	8.02	3	Horizontal	235	1.50
AV	4.87744G	33.05	54.00	-20.95	8.02	3	Horizontal	235	1.50

802.11g_Nss1,(6Mbps)_4TX

2457MHz_TX

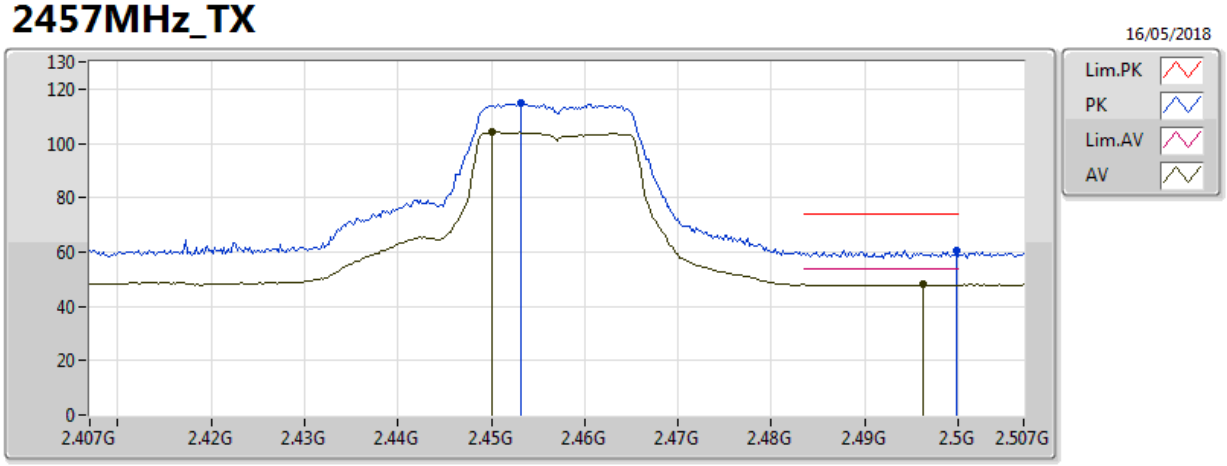


EUT X_4TX
Setting 17
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.4504G	116.46	Inf	-Inf	31.65	3	Vertical	359	1.83
AV	2.4496G	105.90	Inf	-Inf	31.65	3	Vertical	359	1.83
PK	2.4844G	60.75	74.00	-13.25	31.73	3	Vertical	359	1.83
AV	2.4838G	48.63	54.00	-5.37	31.73	3	Vertical	359	1.83

802.11g_Nss1,(6Mbps)_4TX

2457MHz_TX

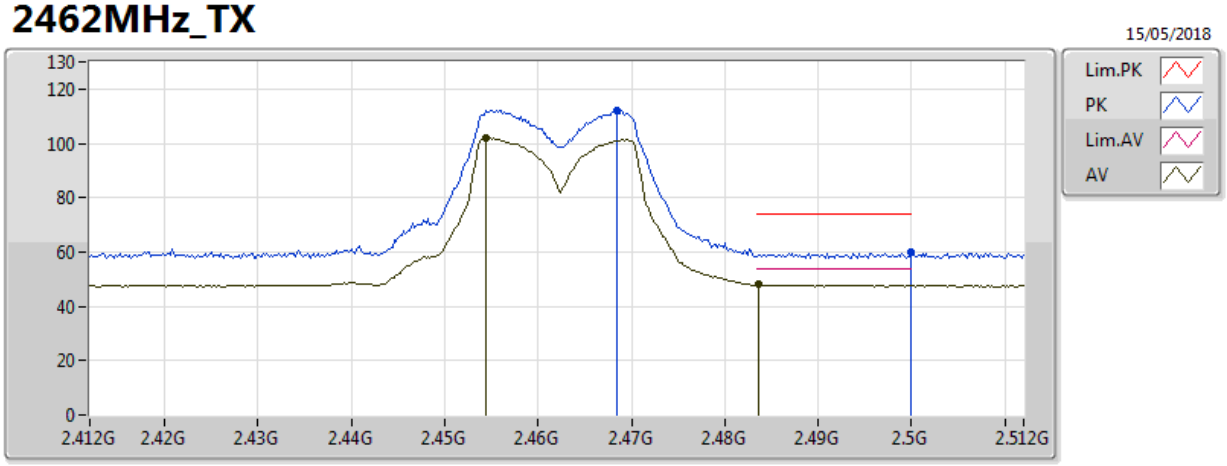


EUT X_4TX
Setting 17
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.4532G	115.15	Inf	-Inf	31.66	3	Horizontal	337	1.59
AV	2.45G	104.07	Inf	-Inf	31.65	3	Horizontal	337	1.59
PK	2.4998G	60.71	74.00	-13.29	31.77	3	Horizontal	337	1.59
AV	2.4962G	48.15	54.00	-5.85	31.76	3	Horizontal	337	1.59

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

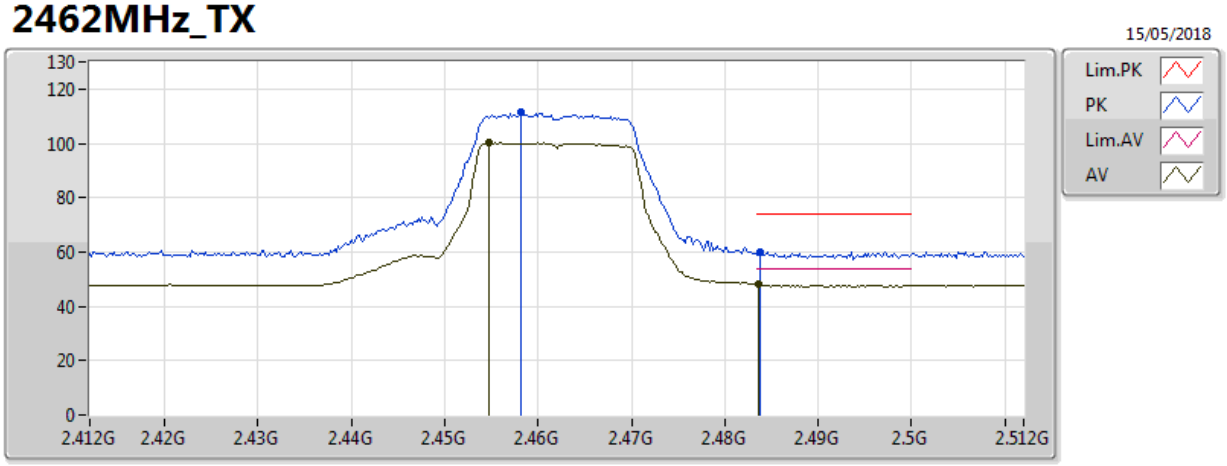


EUT X_4TX
Setting 13.5
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.4684G	111.97	Inf	-Inf	31.69	3	Vertical	360	1.53
AV	2.4544G	101.90	Inf	-Inf	31.66	3	Vertical	360	1.53
PK	2.499998G	59.91	74.00	-14.09	31.77	3	Vertical	360	1.53
AV	2.4836G	47.94	54.00	-6.06	31.73	3	Vertical	360	1.53

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

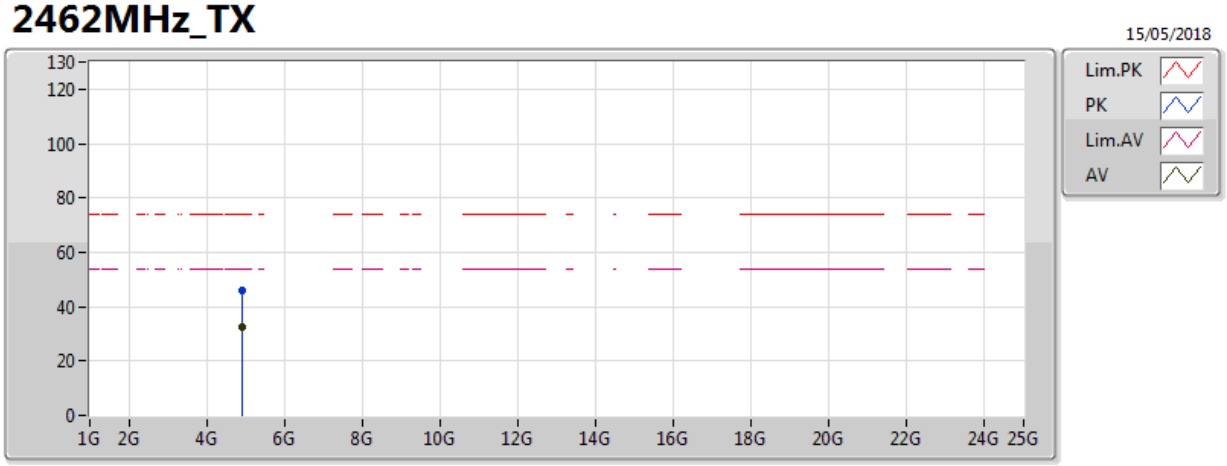


EUT X_4TX
Setting 13.5
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.4582G	111.24	Inf	-Inf	31.67	3	Horizontal	335	1.49
AV	2.4548G	100.26	Inf	-Inf	31.66	3	Horizontal	335	1.49
PK	2.4838G	60.23	74.00	-13.77	31.73	3	Horizontal	335	1.49
AV	2.4836G	48.02	54.00	-5.98	31.73	3	Horizontal	335	1.49

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

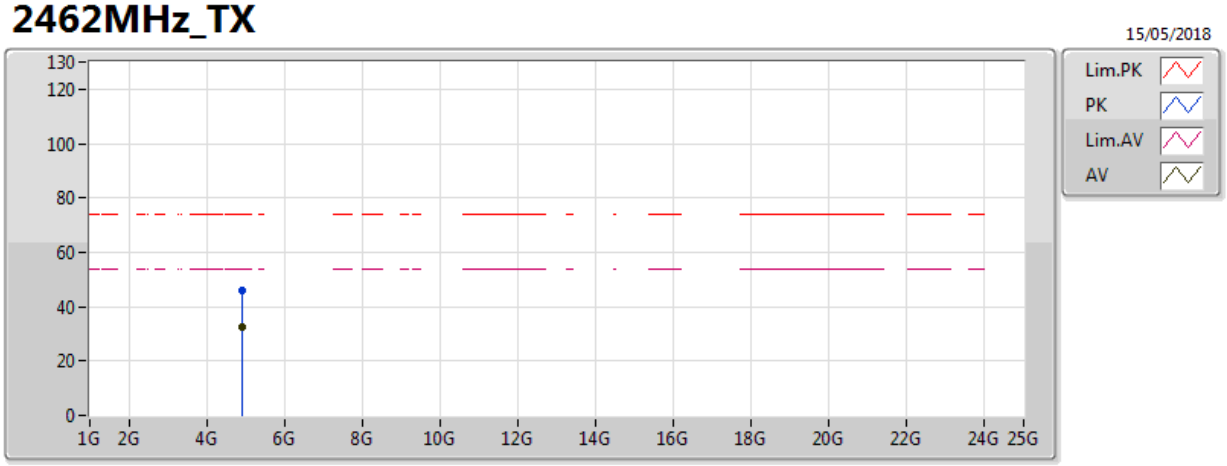


EUT X_4TX
Setting 13.5
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.9296G	46.05	74.00	-27.95	8.14	3	Vertical	139	1.50
AV	4.93004G	32.32	54.00	-21.68	8.14	3	Vertical	139	1.50

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

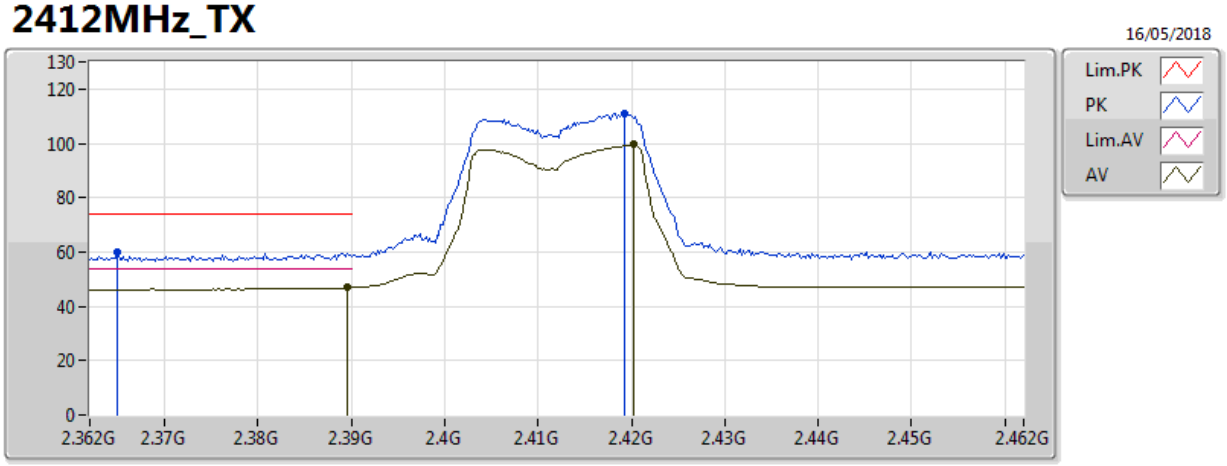


EUT X_4TX
Setting 13.5
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.92524G	46.05	74.00	-27.95	8.13	3	Horizontal	230	1.38
AV	4.92956G	32.70	54.00	-21.30	8.14	3	Horizontal	230	1.38

802.11ac VHT20_Nss1,(MCS0)_4TX

2412MHz_TX

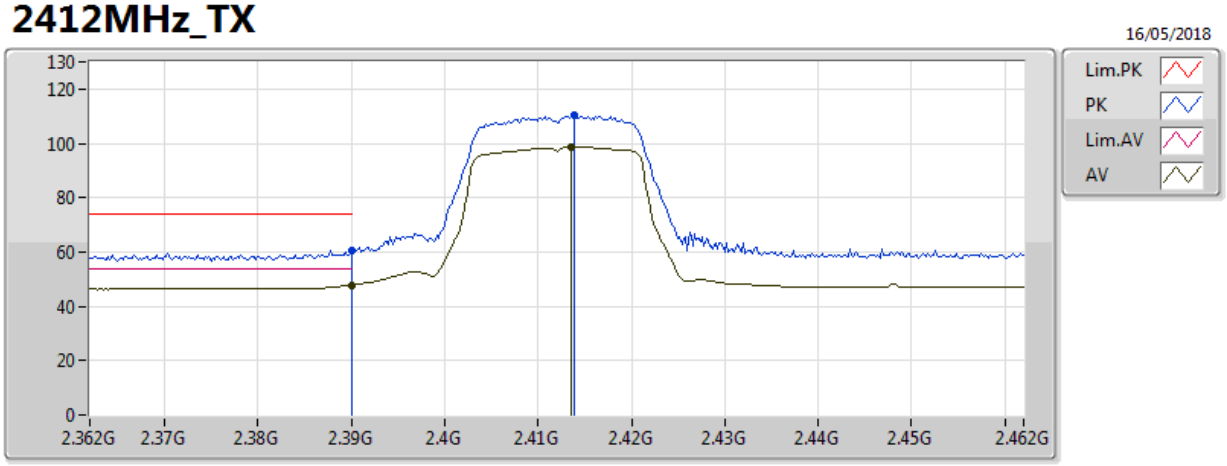


EUT X_4TX
Setting 12.5
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.365G	59.87	74.00	-14.13	31.44	3	Vertical	4	1.50
AV	2.3896G	46.92	54.00	-7.08	31.50	3	Vertical	4	1.50
PK	2.4192G	110.71	Inf	-Inf	31.58	3	Vertical	4	1.50
AV	2.4202G	99.49	Inf	-Inf	31.58	3	Vertical	4	1.50

802.11ac VHT20_Nss1,(MCS0)_4TX

2412MHz_TX

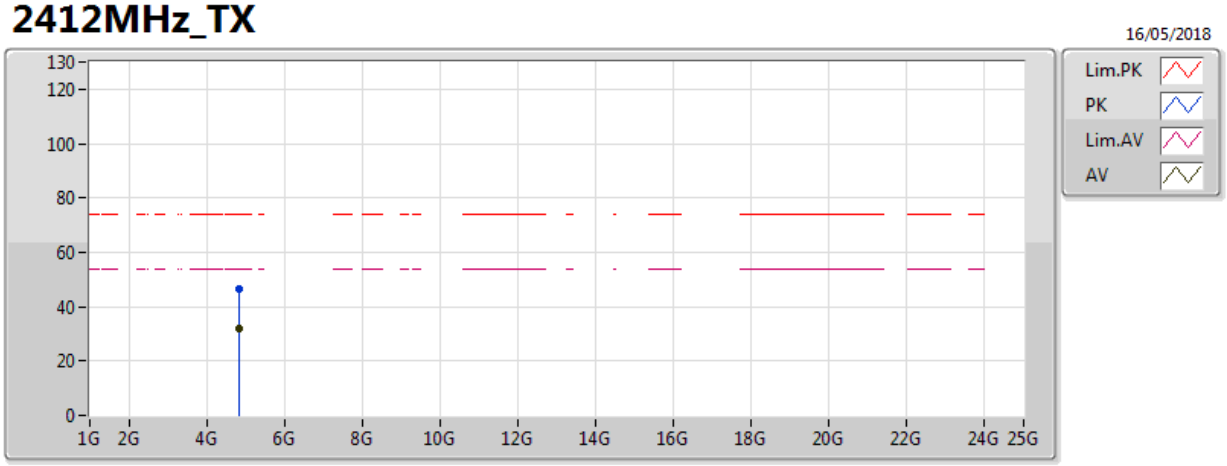


EUT X_4TX
Setting 12.5
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.389998G	60.41	74.00	-13.59	31.50	3	Horizontal	336	1.58
AV	2.389998G	47.84	54.00	-6.16	31.50	3	Horizontal	336	1.58
PK	2.4138G	110.36	Inf	-Inf	31.56	3	Horizontal	336	1.58
AV	2.4136G	98.71	Inf	-Inf	31.56	3	Horizontal	336	1.58

802.11ac VHT20_Nss1,(MCS0)_4TX

2412MHz_TX

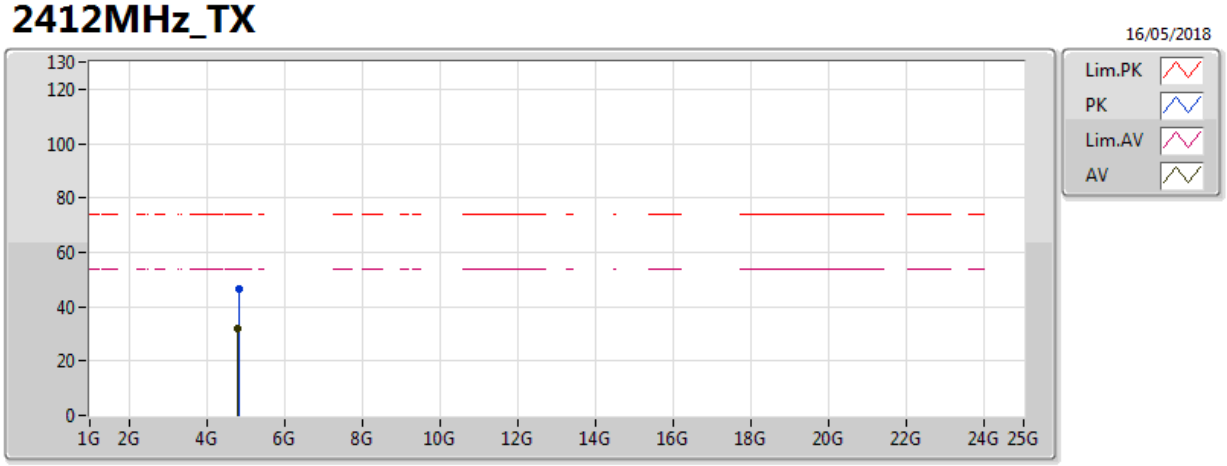


EUT X_4TX
Setting 12.5
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.82668G	46.23	74.00	-27.77	7.91	3	Vertical	354	1.68
AV	4.81772G	32.05	54.00	-21.95	7.89	3	Vertical	354	1.68

802.11ac VHT20_Nss1,(MCS0)_4TX

2412MHz_TX

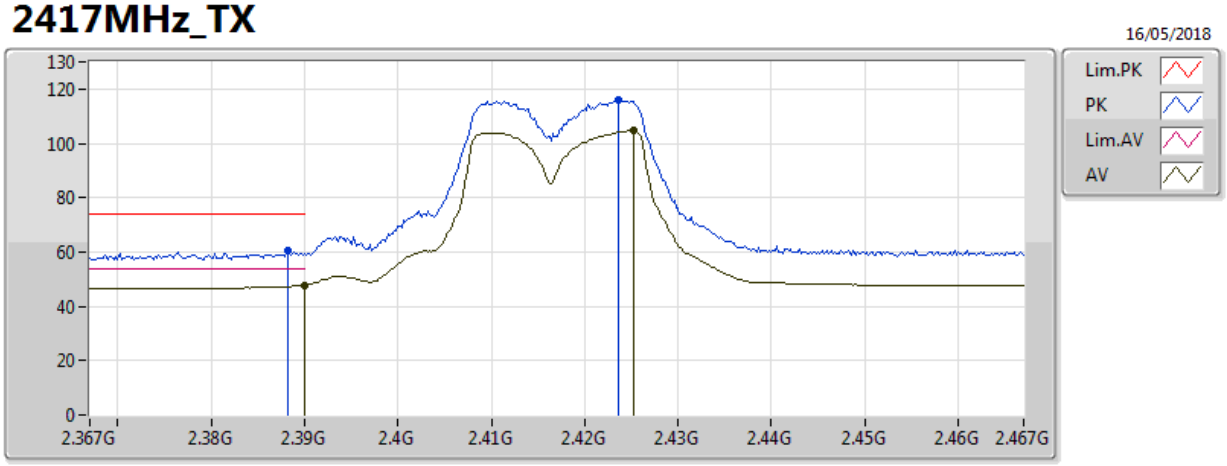


EUT X_4TX
Setting 12.5
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.82724G	46.64	74.00	-27.36	7.91	3	Horizontal	337	1.55
AV	4.81676G	32.12	54.00	-21.88	7.89	3	Horizontal	337	1.55

802.11ac VHT20_Nss1,(MCS0)_4TX

2417MHz_TX

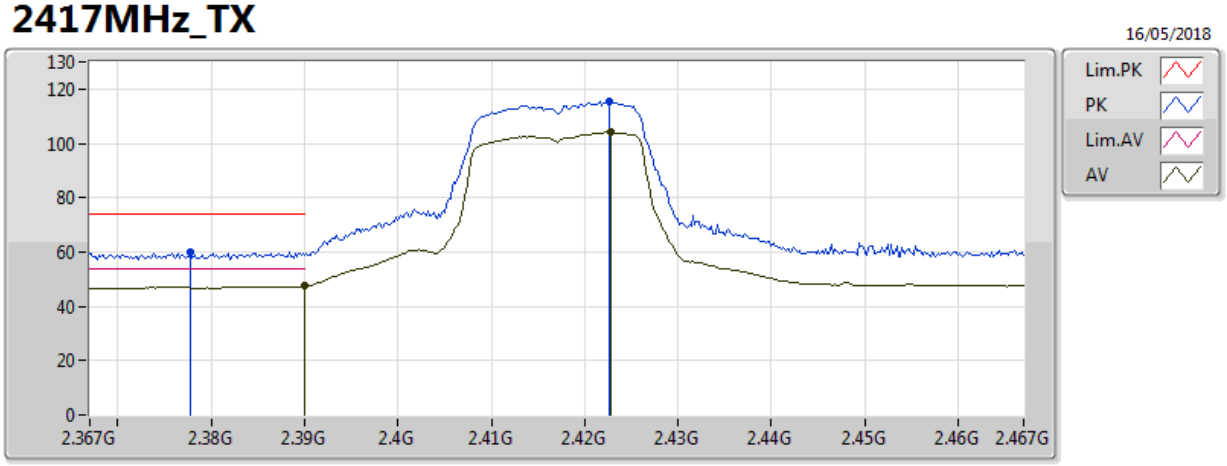


EUT X_4TX
Setting 17
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3882G	60.40	74.00	-13.60	31.50	3	Vertical	359	1.73
AV	2.389998G	47.69	54.00	-6.31	31.50	3	Vertical	359	1.73
PK	2.4236G	116.15	Inf	-Inf	31.59	3	Vertical	359	1.73
AV	2.4252G	104.75	Inf	-Inf	31.59	3	Vertical	359	1.73

802.11ac VHT20_Nss1,(MCS0)_4TX

2417MHz_TX

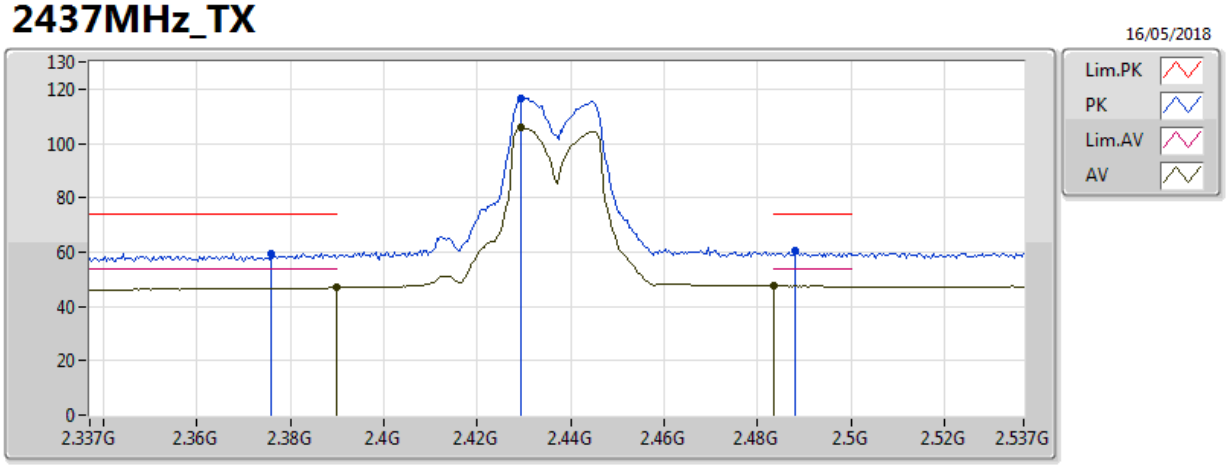


EUT X_4TX
Setting 17
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3778G	59.96	74.00	-14.04	31.48	3	Horizontal	341	1.69
AV	2.389998G	47.51	54.00	-6.49	31.50	3	Horizontal	341	1.69
PK	2.4226G	115.49	Inf	-Inf	31.58	3	Horizontal	341	1.69
AV	2.4228G	104.09	Inf	-Inf	31.58	3	Horizontal	341	1.69

802.11ac VHT20_Nss1,(MCS0)_4TX

2437MHz_TX

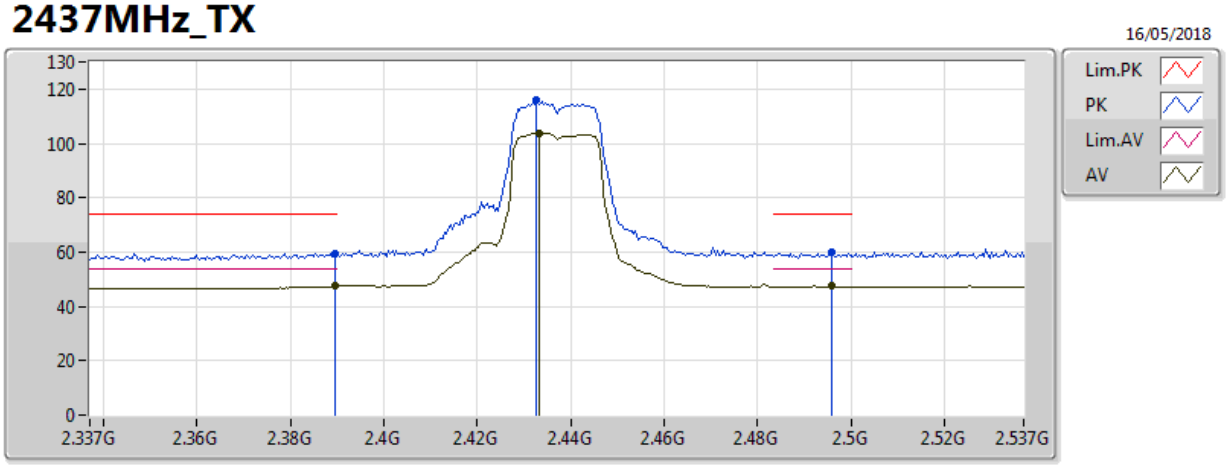


EUT X_4TX
Setting 17
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3758G	59.53	74.00	-14.47	31.47	3	Vertical	359	1.85
AV	2.3898G	46.93	54.00	-7.07	31.50	3	Vertical	359	1.85
PK	2.4294G	116.73	Inf	-Inf	31.60	3	Vertical	359	1.85
AV	2.4294G	105.78	Inf	-Inf	31.60	3	Vertical	359	1.85
PK	2.4882G	60.43	74.00	-13.57	31.74	3	Vertical	359	1.85
AV	2.483502G	47.61	54.00	-6.39	31.73	3	Vertical	359	1.85

802.11ac VHT20_Nss1,(MCS0)_4TX

2437MHz_TX

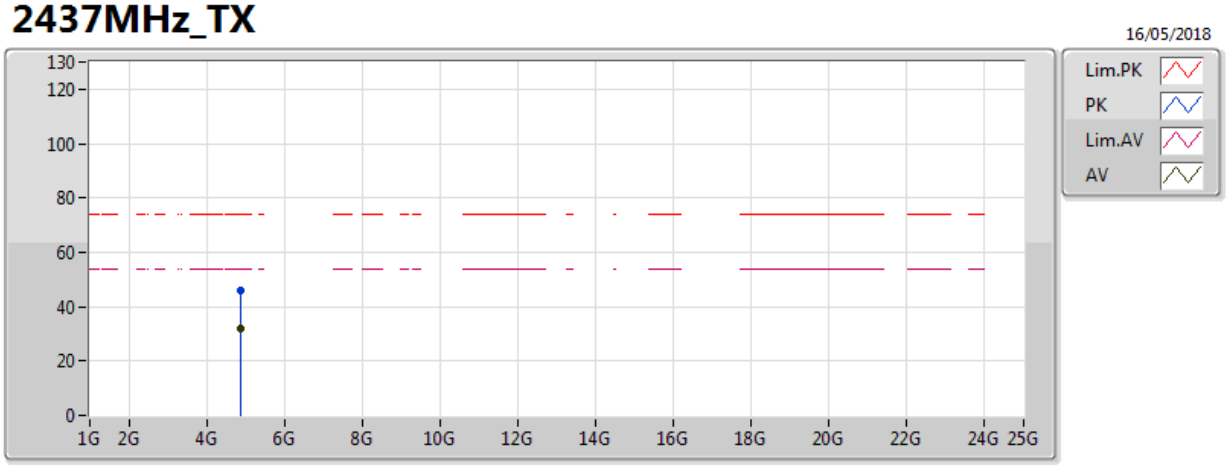


EUT X_4TX
Setting 17
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3894G	59.57	74.00	-14.43	31.50	3	Horizontal	335	1.52
AV	2.3894G	47.37	54.00	-6.63	31.50	3	Horizontal	335	1.52
PK	2.4326G	115.94	Inf	-Inf	31.61	3	Horizontal	335	1.52
AV	2.4334G	103.88	Inf	-Inf	31.61	3	Horizontal	335	1.52
PK	2.4958G	59.87	74.00	-14.13	31.76	3	Horizontal	335	1.52
AV	2.4958G	47.57	54.00	-6.43	31.76	3	Horizontal	335	1.52

802.11ac VHT20_Nss1,(MCS0)_4TX

2437MHz_TX

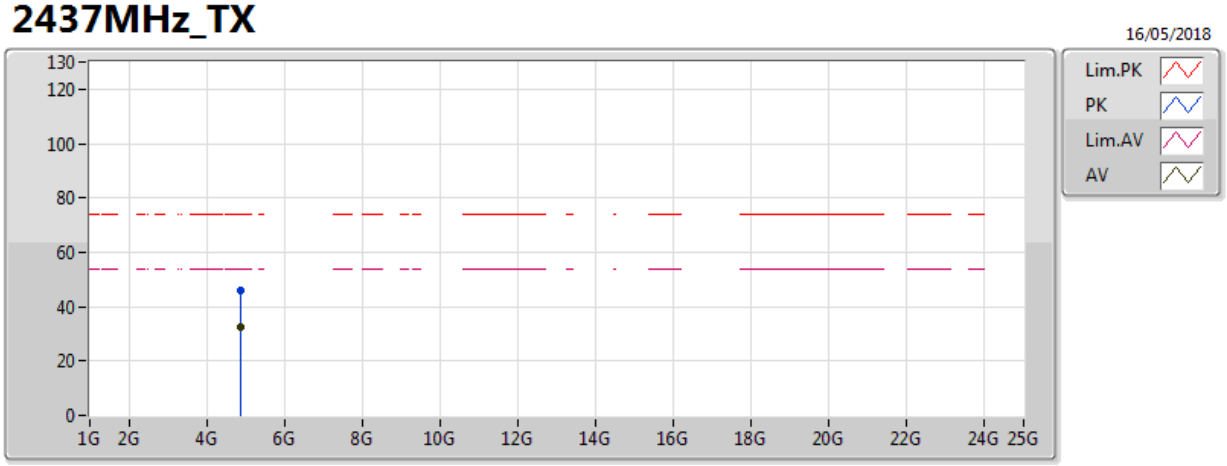


EUT X_4TX
Setting 17
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.86948G	45.88	74.00	-28.12	8.00	3	Vertical	41	1.38
AV	4.87836G	32.03	54.00	-21.97	8.02	3	Vertical	41	1.38

802.11ac VHT20_Nss1,(MCS0)_4TX

2437MHz_TX

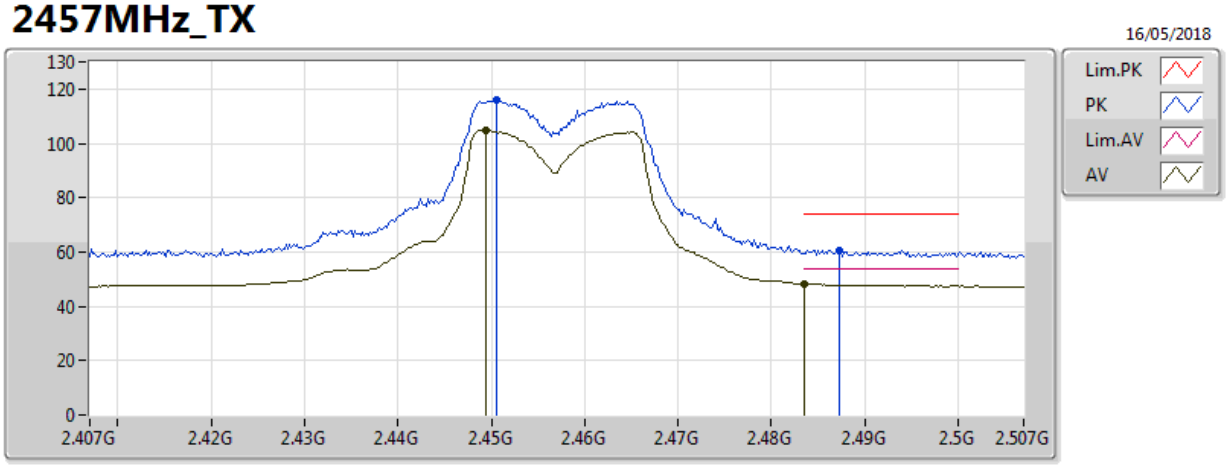


EUT X_4TX
Setting 17
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.87992G	45.84	74.00	-28.16	8.03	3	Horizontal	174	1.54
AV	4.86892G	32.39	54.00	-21.61	8.00	3	Horizontal	174	1.54

802.11ac VHT20_Nss1,(MCS0)_4TX

2457MHz_TX

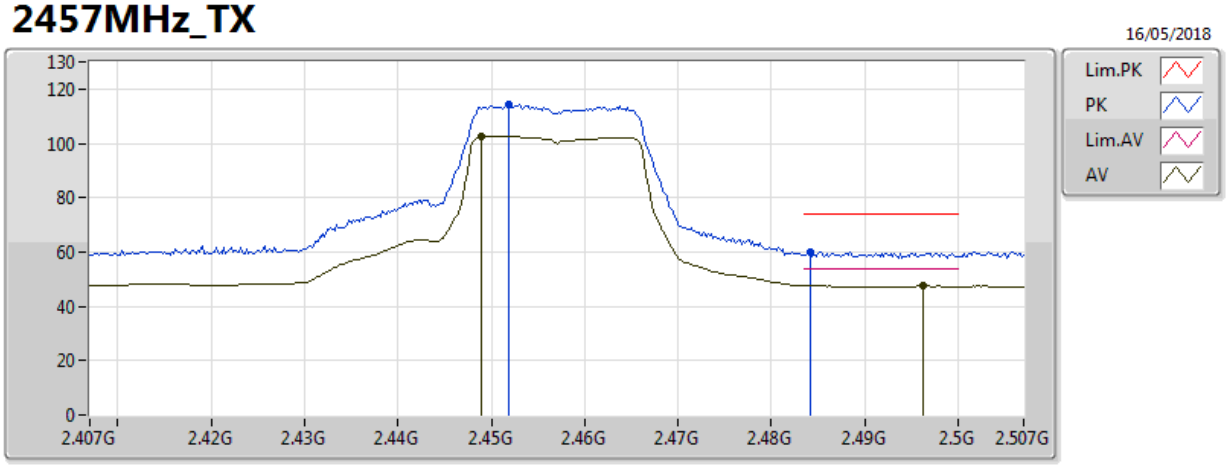


EUT X_4TX
Setting 17
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.4506G	115.79	Inf	-Inf	31.65	3	Vertical	5	1.80
AV	2.4494G	104.84	Inf	-Inf	31.65	3	Vertical	5	1.80
PK	2.4872G	60.70	74.00	-13.30	31.74	3	Vertical	5	1.80
AV	2.483502G	48.14	54.00	-5.86	31.73	3	Vertical	5	1.80

802.11ac VHT20_Nss1,(MCS0)_4TX

2457MHz_TX

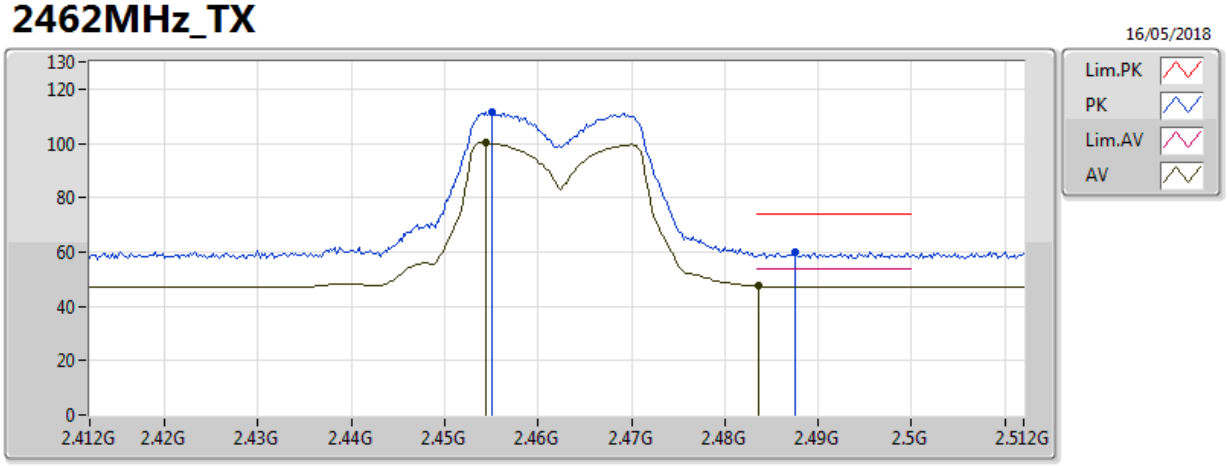


EUT X_4TX
Setting 17
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.4518G	114.40	Inf	-Inf	31.65	3	Horizontal	333	1.83
AV	2.449G	102.77	Inf	-Inf	31.65	3	Horizontal	333	1.83
PK	2.4842G	59.86	74.00	-14.14	31.73	3	Horizontal	333	1.83
AV	2.4962G	47.67	54.00	-6.33	31.76	3	Horizontal	333	1.83

802.11ac VHT20_Nss1,(MCS0)_4TX

2462MHz_TX

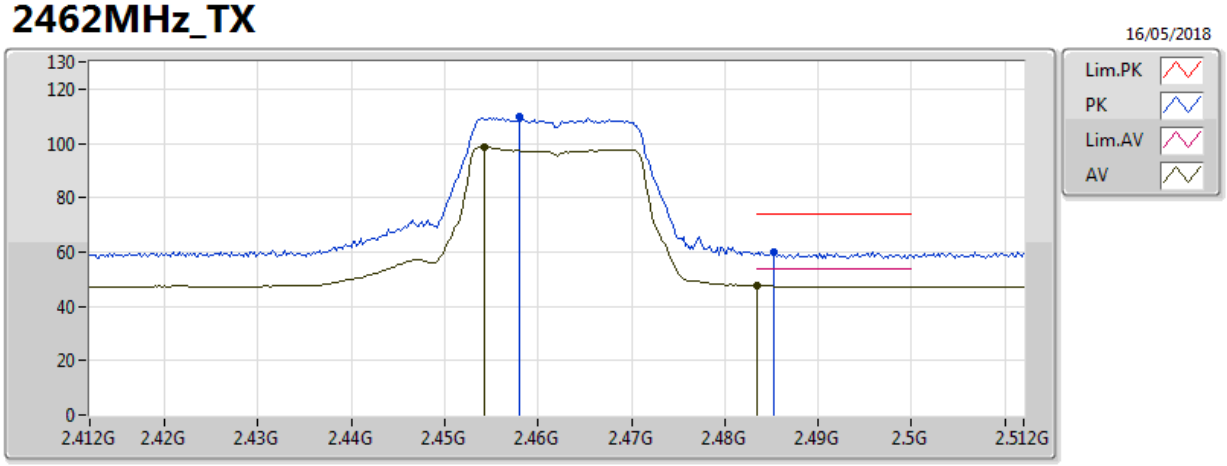


EUT X_4TX
Setting 13
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.455G	111.69	Inf	-Inf	31.66	3	Vertical	355	1.49
AV	2.4544G	100.30	Inf	-Inf	31.66	3	Vertical	355	1.49
PK	2.4876G	60.14	74.00	-13.86	31.74	3	Vertical	355	1.49
AV	2.4836G	47.44	54.00	-6.56	31.73	3	Vertical	355	1.49

802.11ac VHT20_Nss1,(MCS0)_4TX

2462MHz_TX

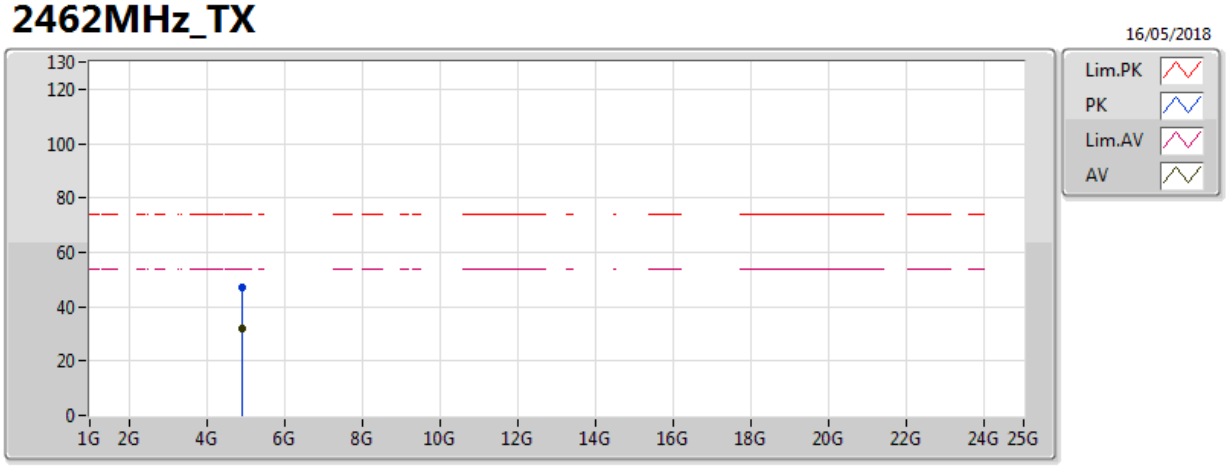


EUT X_4TX
Setting 13
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.458G	109.78	Inf	-Inf	31.67	3	Horizontal	335	1.92
AV	2.4542G	98.73	Inf	-Inf	31.66	3	Horizontal	335	1.92
PK	2.4852G	60.04	74.00	-13.96	31.73	3	Horizontal	335	1.92
AV	2.483502G	47.67	54.00	-6.33	31.73	3	Horizontal	335	1.92

802.11ac VHT20_Nss1,(MCS0)_4TX

2462MHz_TX

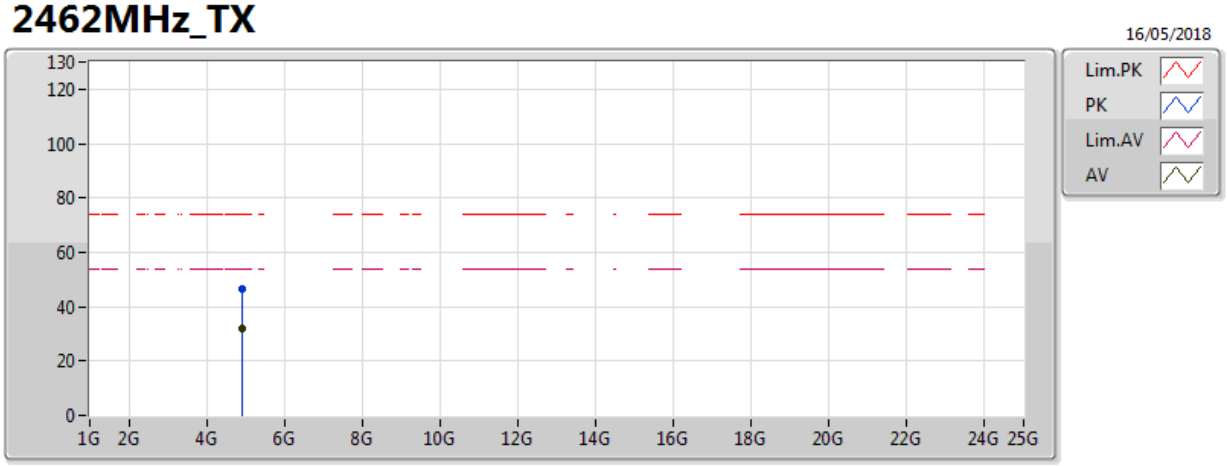


EUT X_4TX
Setting 13
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.93096G	47.10	74.00	-26.90	8.14	3	Vertical	278	1.62
AV	4.93016G	31.87	54.00	-22.13	8.14	3	Vertical	278	1.62

802.11ac VHT20_Nss1,(MCS0)_4TX

2462MHz_TX

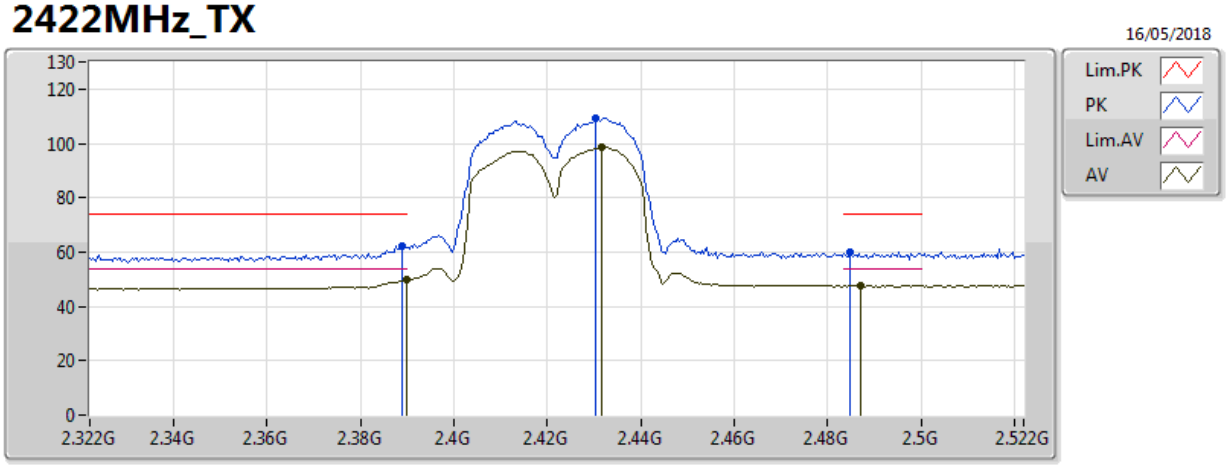


EUT X_4TX
Setting 13
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.9316G	46.45	74.00	-27.55	8.14	3	Horizontal	352	1.45
AV	4.92964G	31.97	54.00	-22.03	8.14	3	Horizontal	352	1.45

802.11ac VHT40_Nss1,(MCS0)_4TX

2422MHz_TX

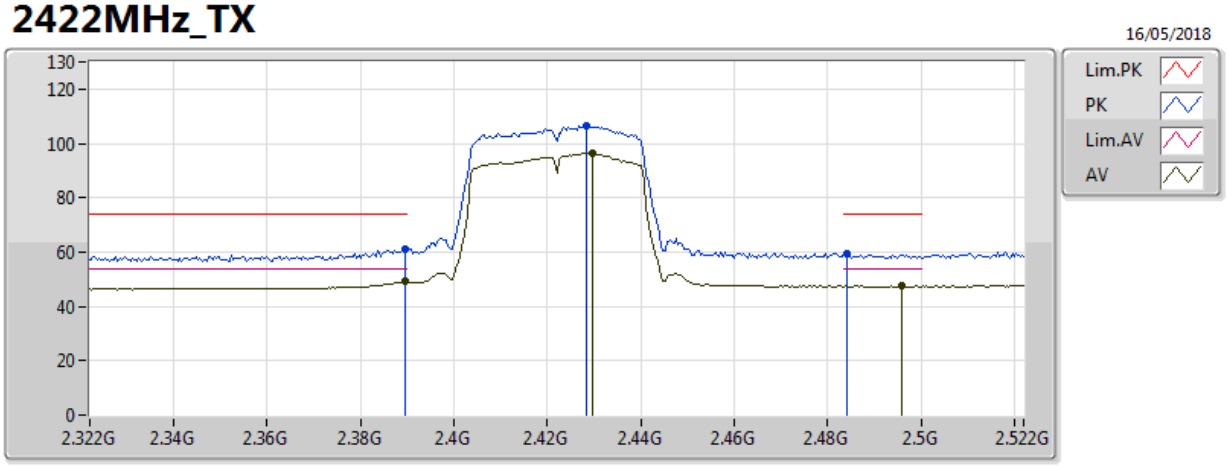


EUT X_4TX
Setting 10
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3888G	62.31	74.00	-11.69	31.50	3	Vertical	359	1.90
AV	2.389998G	49.71	54.00	-4.29	31.50	3	Vertical	359	1.90
PK	2.4304G	109.39	Inf	-Inf	31.60	3	Vertical	359	1.90
AV	2.4316G	98.51	Inf	-Inf	31.61	3	Vertical	359	1.90
PK	2.4848G	59.79	74.00	-14.21	31.73	3	Vertical	359	1.90
AV	2.4872G	47.64	54.00	-6.36	31.74	3	Vertical	359	1.90

802.11ac VHT40_Nss1,(MCS0)_4TX

2422MHz_TX

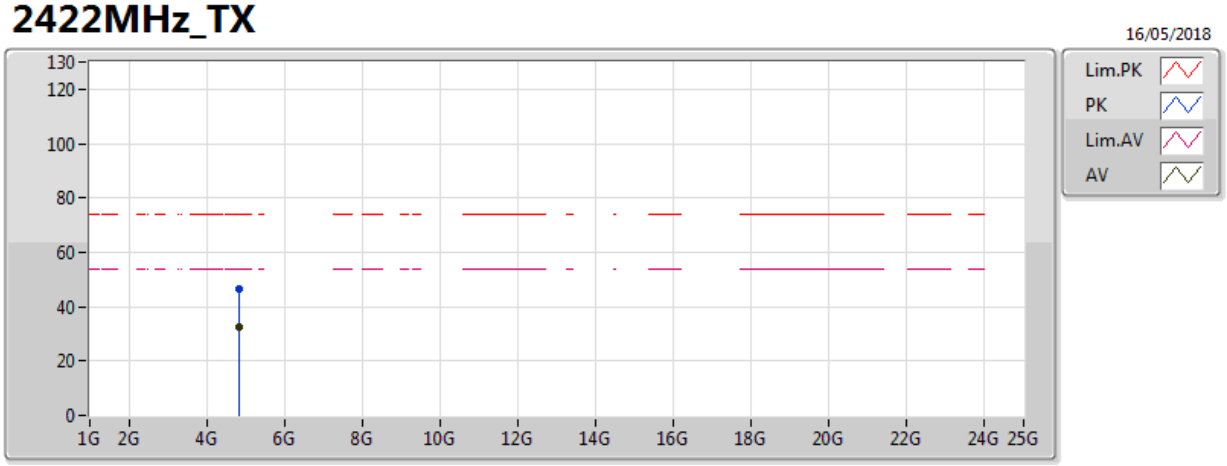


EUT X_4TX
Setting 10
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3896G	61.05	74.00	-12.95	31.50	3	Horizontal	333	1.69
AV	2.3896G	49.04	54.00	-4.96	31.50	3	Horizontal	333	1.69
PK	2.4284G	106.31	Inf	-Inf	31.60	3	Horizontal	333	1.69
AV	2.4296G	96.33	Inf	-Inf	31.60	3	Horizontal	333	1.69
PK	2.484G	59.64	74.00	-14.36	31.73	3	Horizontal	333	1.69
AV	2.496G	47.54	54.00	-6.46	31.76	3	Horizontal	333	1.69

802.11ac VHT40_Nss1,(MCS0)_4TX

2422MHz_TX

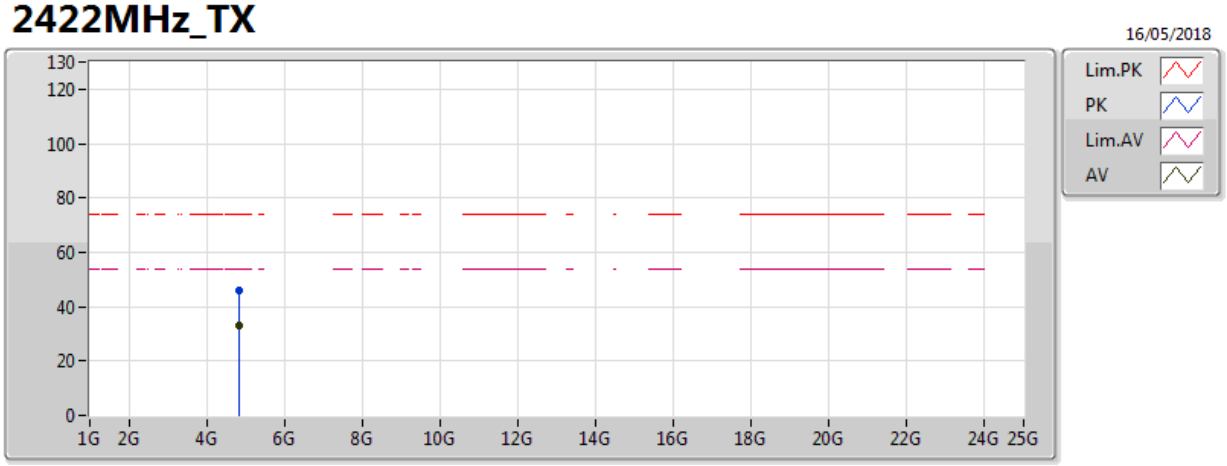


EUT X_4TX
Setting 10
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.83884G	46.61	74.00	-27.39	7.94	3	Vertical	188	1.55
AV	4.83564G	32.70	54.00	-21.30	7.93	3	Vertical	188	1.55

802.11ac VHT40_Nss1,(MCS0)_4TX

2422MHz_TX

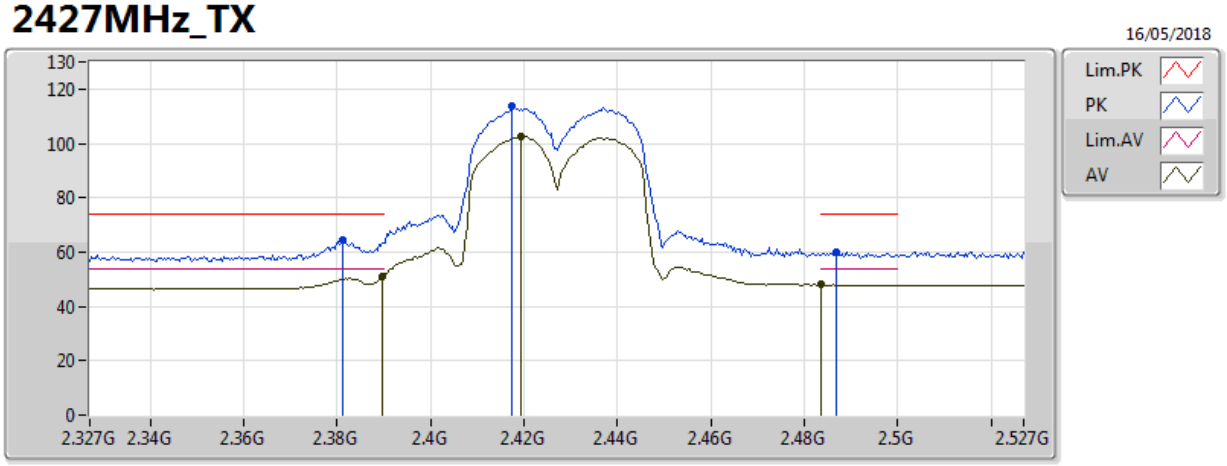


EUT X_4TX
Setting 10
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.84G	45.71	74.00	-28.29	7.94	3	Horizontal	304	1.31
AV	4.83664G	33.11	54.00	-20.89	7.93	3	Horizontal	304	1.31

802.11ac VHT40_Nss1,(MCS0)_4TX

2427MHz_TX

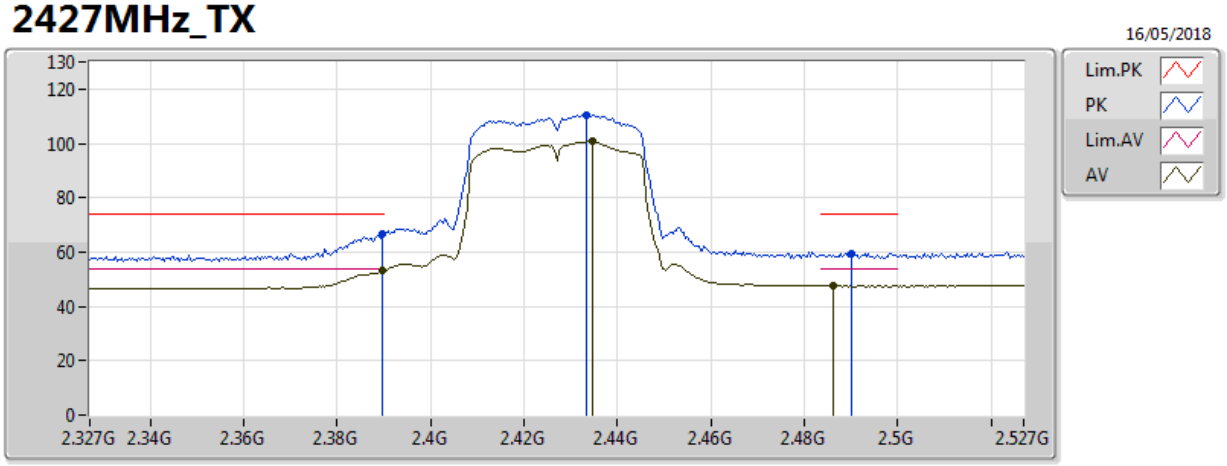


EUT X_4TX
Setting 14
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.381G	64.54	74.00	-9.46	31.48	3	Vertical	360	1.70
AV	2.3898G	50.92	54.00	-3.08	31.50	3	Vertical	360	1.70
PK	2.4174G	113.54	Inf	-Inf	31.57	3	Vertical	360	1.70
AV	2.4194G	102.51	Inf	-Inf	31.58	3	Vertical	360	1.70
PK	2.487G	60.05	74.00	-13.95	31.74	3	Vertical	360	1.70
AV	2.483502G	48.10	54.00	-5.90	31.73	3	Vertical	360	1.70

802.11ac VHT40_Nss1,(MCS0)_4TX

2427MHz_TX

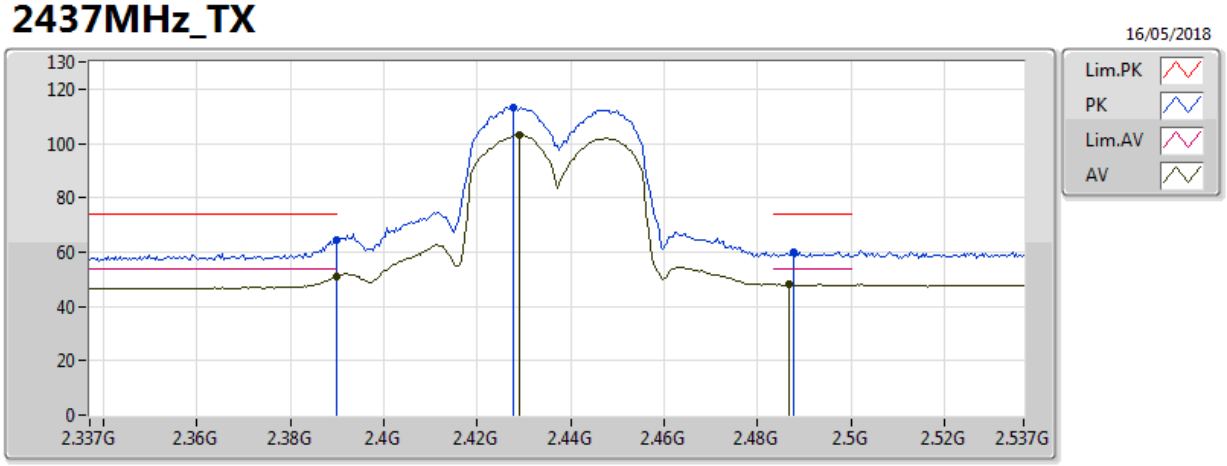


EUT X_4TX
Setting 14
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3898G	66.86	74.00	-7.14	31.50	3	Horizontal	337	1.87
AV	2.3898G	53.49	54.00	-0.51	31.50	3	Horizontal	337	1.87
PK	2.4334G	110.48	Inf	-Inf	31.61	3	Horizontal	337	1.87
AV	2.4346G	100.78	Inf	-Inf	31.61	3	Horizontal	337	1.87
PK	2.4902G	59.46	74.00	-14.54	31.74	3	Horizontal	337	1.87
AV	2.4862G	47.67	54.00	-6.33	31.74	3	Horizontal	337	1.87

802.11ac VHT40_Nss1,(MCS0)_4TX

2437MHz_TX

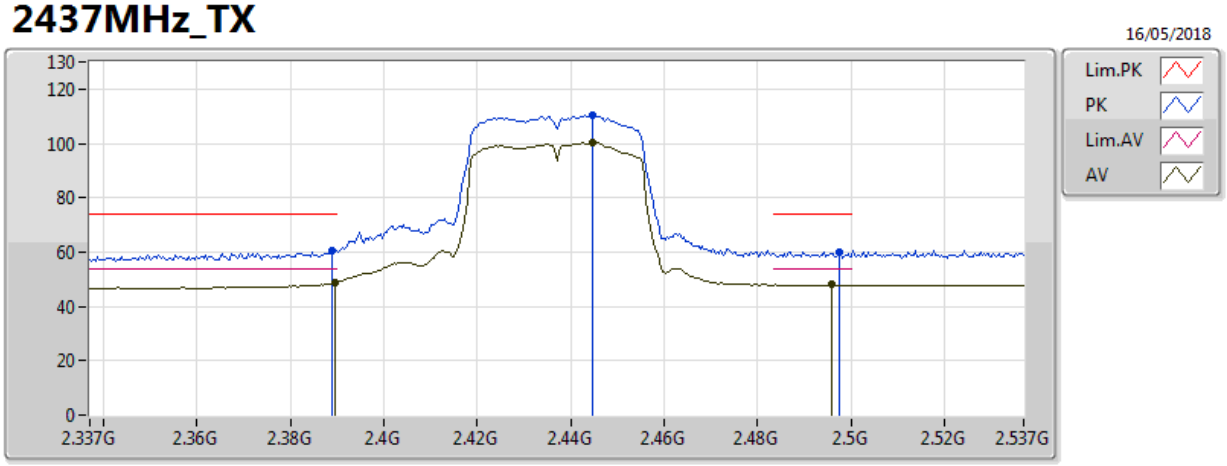


EUT X_4TX
Setting 14
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3898G	64.64	74.00	-9.36	31.50	3	Vertical	360	1.85
AV	2.3898G	50.97	54.00	-3.03	31.50	3	Vertical	360	1.85
PK	2.4278G	113.37	Inf	-Inf	31.60	3	Vertical	360	1.85
AV	2.429G	102.96	Inf	-Inf	31.60	3	Vertical	360	1.85
PK	2.4878G	60.18	74.00	-13.82	31.74	3	Vertical	360	1.85
AV	2.4866G	48.11	54.00	-5.89	31.74	3	Vertical	360	1.85

802.11ac VHT40_Nss1,(MCS0)_4TX

2437MHz_TX

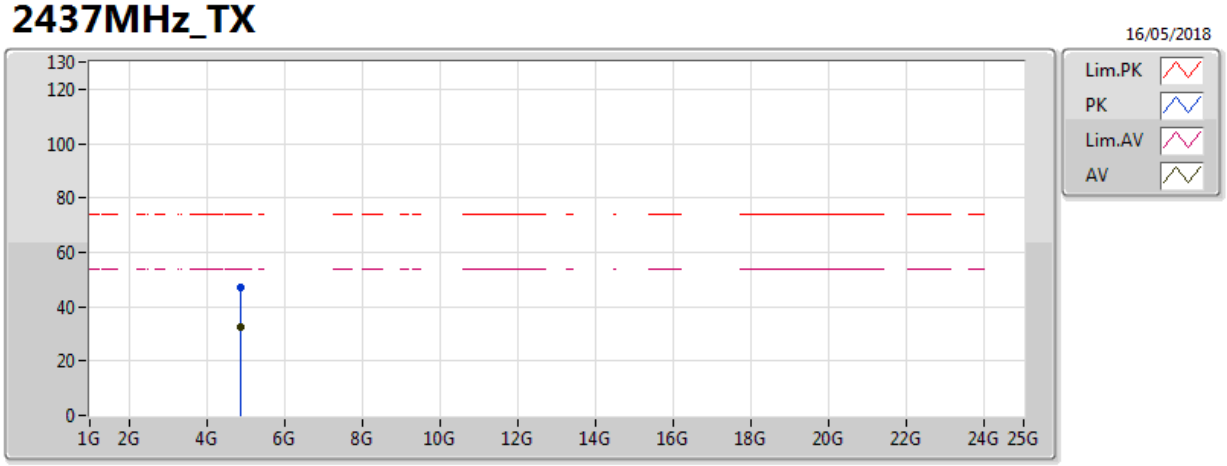


EUT X_4TX
Setting 14
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.389G	60.44	74.00	-13.56	31.50	3	Horizontal	338	1.90
AV	2.3894G	48.73	54.00	-5.27	31.50	3	Horizontal	338	1.90
PK	2.4446G	110.53	Inf	-Inf	31.64	3	Horizontal	338	1.90
AV	2.4446G	100.11	Inf	-Inf	31.64	3	Horizontal	338	1.90
PK	2.4974G	60.16	74.00	-13.84	31.77	3	Horizontal	338	1.90
AV	2.4958G	48.02	54.00	-5.98	31.76	3	Horizontal	338	1.90

802.11ac VHT40_Nss1,(MCS0)_4TX

2437MHz_TX

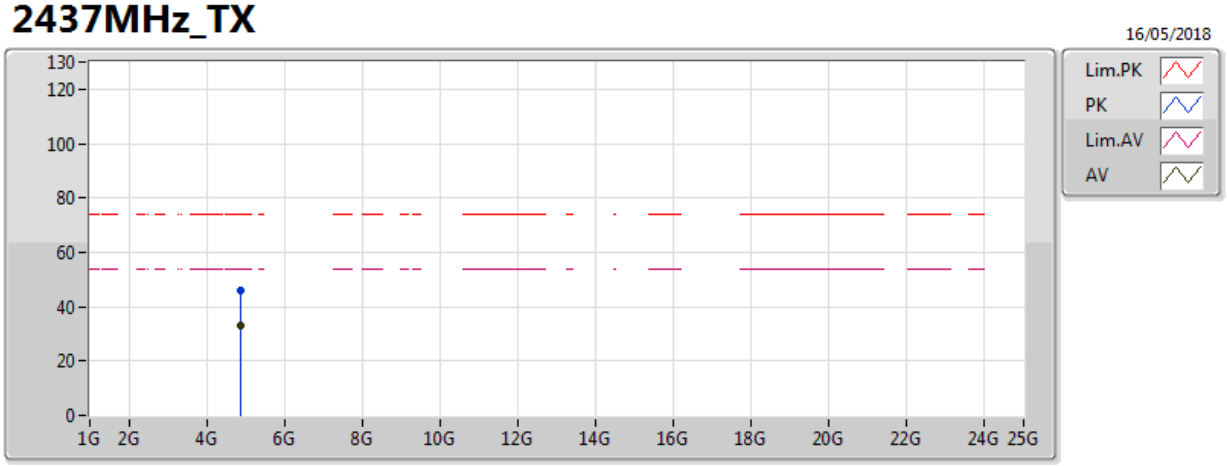


EUT X_4TX
Setting 14
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.86768G	46.82	74.00	-27.18	8.00	3	Vertical	143	1.46
AV	4.8782G	32.56	54.00	-21.44	8.02	3	Vertical	143	1.46

802.11ac VHT40_Nss1,(MCS0)_4TX

2437MHz_TX

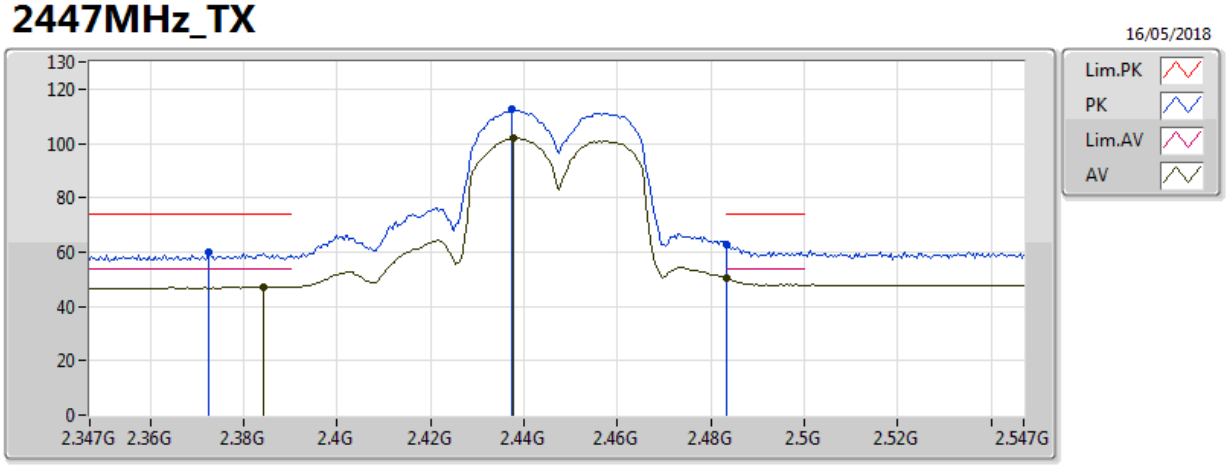


EUT X_4TX
Setting 14
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.8688G	45.80	74.00	-28.20	8.00	3	Horizontal	294	1.50
AV	4.87804G	32.94	54.00	-21.06	8.02	3	Horizontal	294	1.50

802.11ac VHT40_Nss1,(MCS0)_4TX

2447MHz_TX

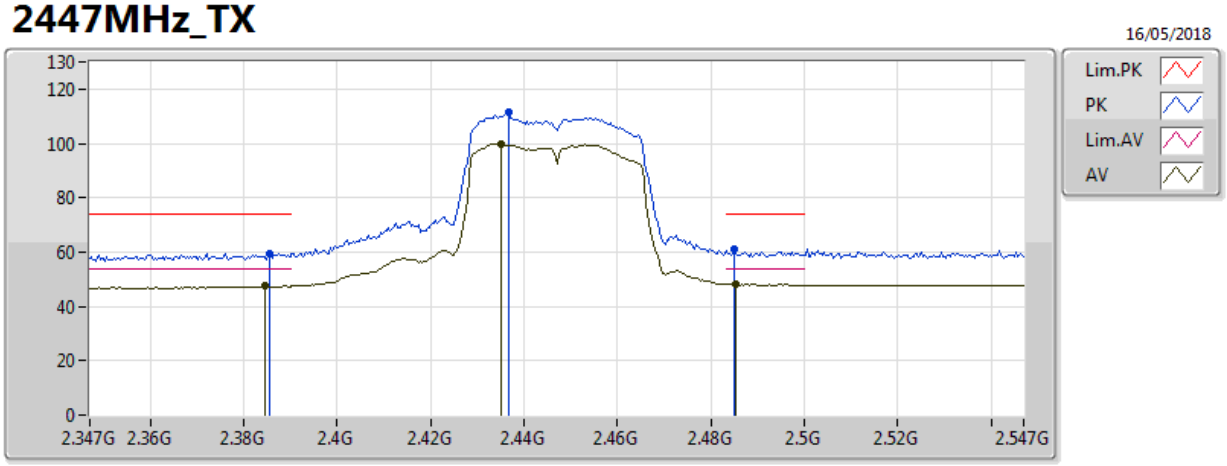


EUT X_4TX
Setting 14
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3726G	59.80	74.00	-14.20	31.46	3	Vertical	360	1.59
AV	2.3842G	47.16	54.00	-6.84	31.49	3	Vertical	360	1.59
PK	2.4374G	112.50	Inf	-Inf	31.62	3	Vertical	360	1.59
AV	2.4378G	101.87	Inf	-Inf	31.62	3	Vertical	360	1.59
PK	2.483502G	62.77	74.00	-11.23	31.73	3	Vertical	360	1.59
AV	2.483502G	50.36	54.00	-3.64	31.73	3	Vertical	360	1.59

802.11ac VHT40_Nss1,(MCS0)_4TX

2447MHz_TX

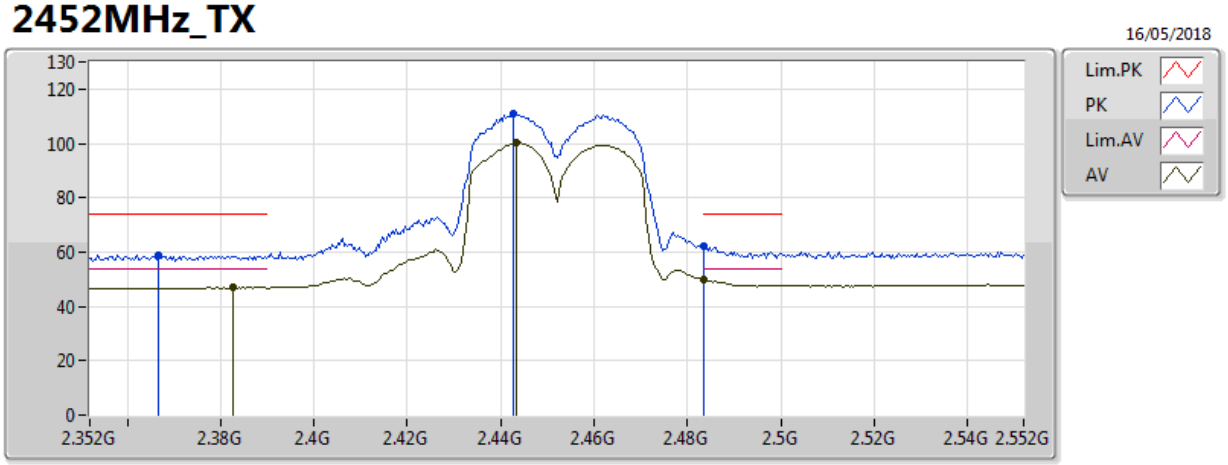


EUT X_4TX
Setting 14
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3854G	59.63	74.00	-14.37	31.49	3	Horizontal	338	1.91
AV	2.3846G	47.52	54.00	-6.48	31.49	3	Horizontal	338	1.91
PK	2.4366G	111.23	Inf	-Inf	31.62	3	Horizontal	338	1.91
AV	2.435G	100.00	Inf	-Inf	31.61	3	Horizontal	338	1.91
PK	2.485G	60.90	74.00	-13.10	31.73	3	Horizontal	338	1.91
AV	2.4854G	48.34	54.00	-5.66	31.73	3	Horizontal	338	1.91

802.11ac VHT40_Nss1,(MCS0)_4TX

2452MHz_TX

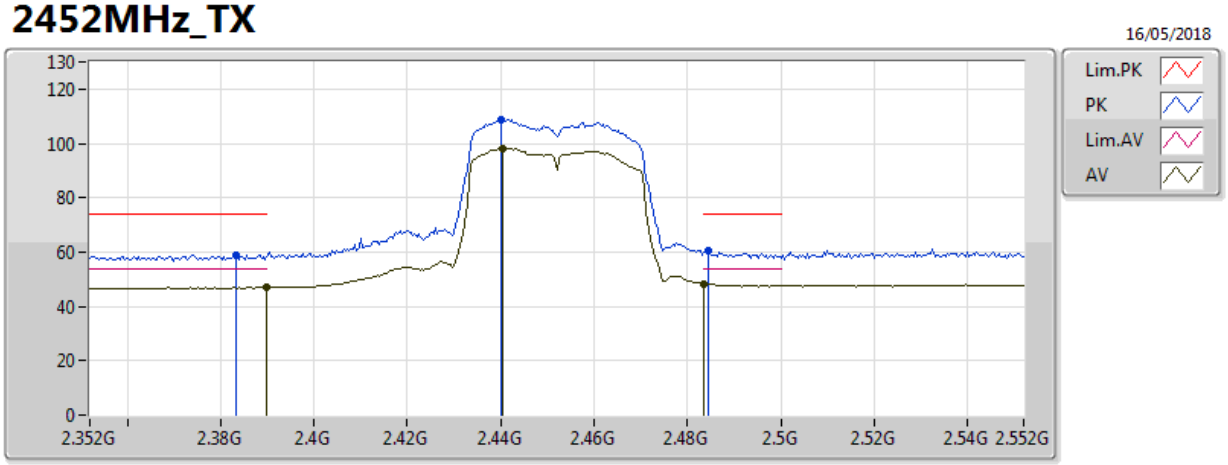


EUT X_4TX
Setting 12
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3668G	59.10	74.00	-14.90	31.44	3	Vertical	360	1.89
AV	2.3828G	47.05	54.00	-6.95	31.49	3	Vertical	360	1.89
PK	2.4428G	111.15	Inf	-Inf	31.63	3	Vertical	360	1.89
AV	2.4432G	100.10	Inf	-Inf	31.63	3	Vertical	360	1.89
PK	2.483502G	62.21	74.00	-11.79	31.73	3	Vertical	360	1.89
AV	2.483502G	49.79	54.00	-4.21	31.73	3	Vertical	360	1.89

802.11ac VHT40_Nss1,(MCS0)_4TX

2452MHz_TX

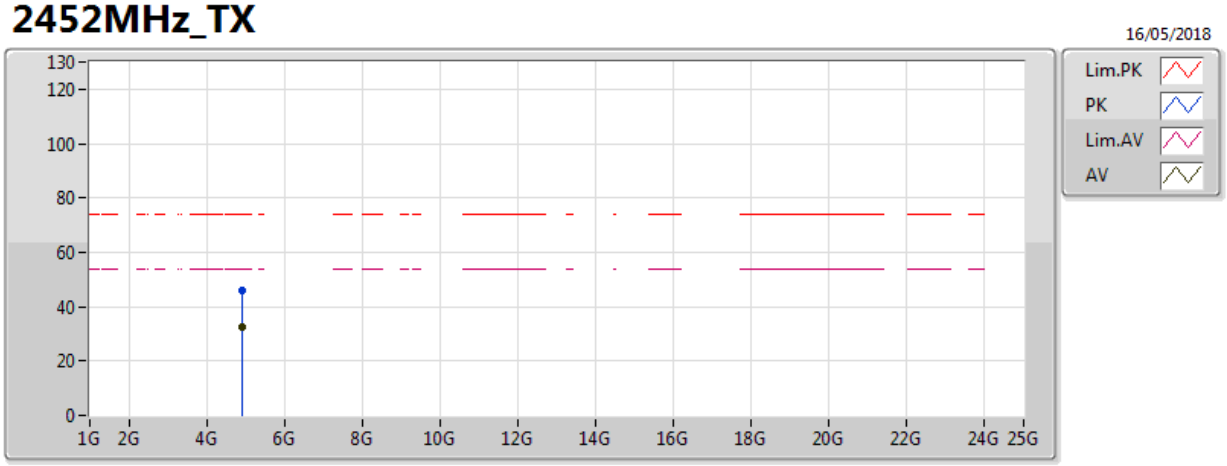


EUT X_4TX
Setting 12
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3832G	59.11	74.00	-14.89	31.49	3	Horizontal	334	2.03
AV	2.389998G	47.10	54.00	-6.90	31.50	3	Horizontal	334	2.03
PK	2.44G	108.62	Inf	-Inf	31.63	3	Horizontal	334	2.03
AV	2.4404G	98.21	Inf	-Inf	31.63	3	Horizontal	334	2.03
PK	2.4844G	60.34	74.00	-13.66	31.73	3	Horizontal	334	2.03
AV	2.483502G	48.43	54.00	-5.57	31.73	3	Horizontal	334	2.03

802.11ac VHT40_Nss1,(MCS0)_4TX

2452MHz_TX

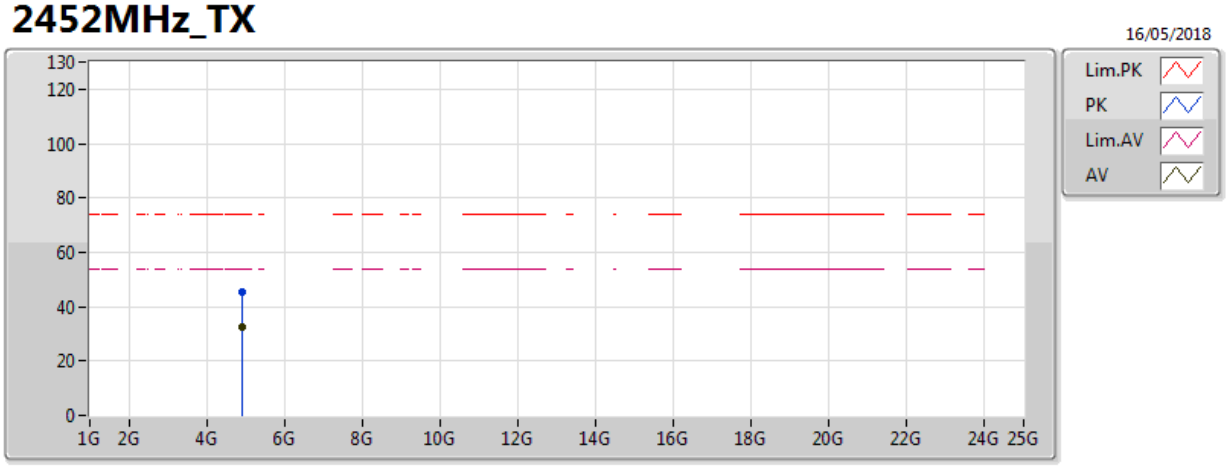


EUT X_4TX
Setting 12
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.90124G	46.02	74.00	-27.98	8.07	3	Vertical	217	1.50
AV	4.90892G	32.54	54.00	-21.46	8.09	3	Vertical	217	1.50

802.11ac VHT40_Nss1,(MCS0)_4TX

2452MHz_TX

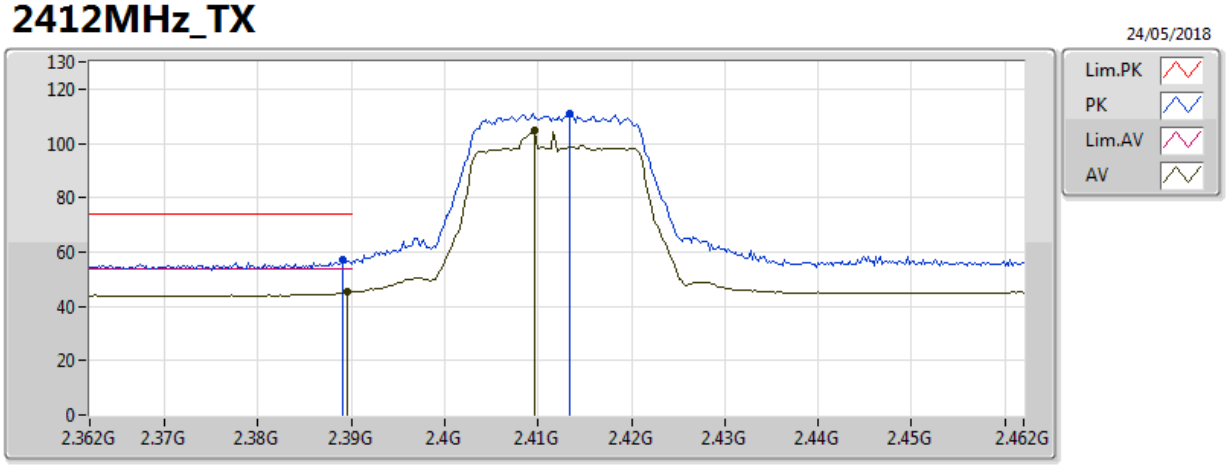


EUT X_4TX
Setting 12
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.91312G	45.63	74.00	-28.37	8.10	3	Horizontal	175	1.50
AV	4.89892G	32.27	54.00	-21.73	8.07	3	Horizontal	175	1.50

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

2412MHz_TX

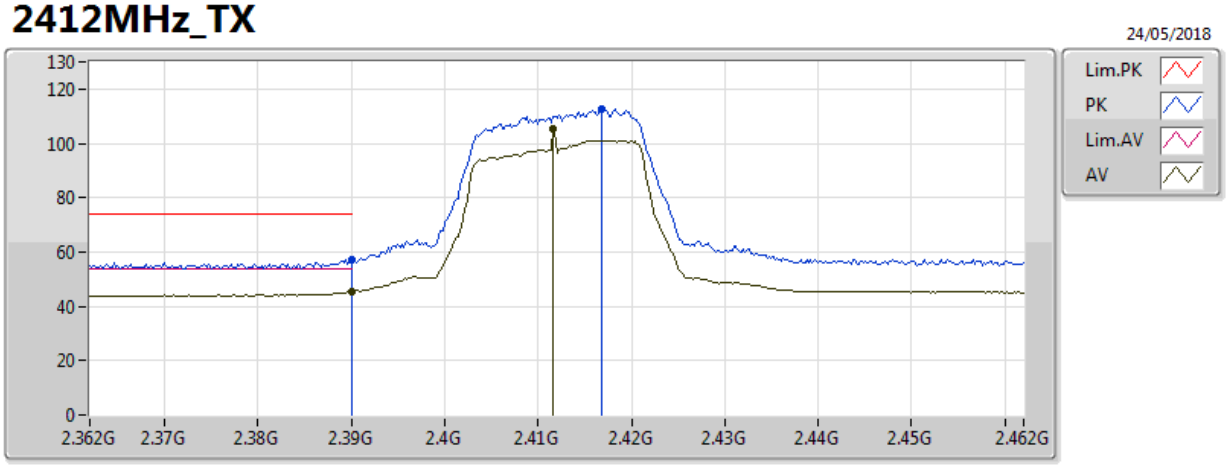


EUT X_4TX
Setting 18
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.389G	57.31	74.00	-16.69	32.13	3	Vertical	0	1.98
AV	2.3896G	45.22	54.00	-8.78	32.13	3	Vertical	0	1.98
PK	2.4134G	110.80	Inf	-Inf	32.20	3	Vertical	0	1.98
AV	2.4096G	104.60	Inf	-Inf	32.19	3	Vertical	0	1.98

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

2412MHz_TX

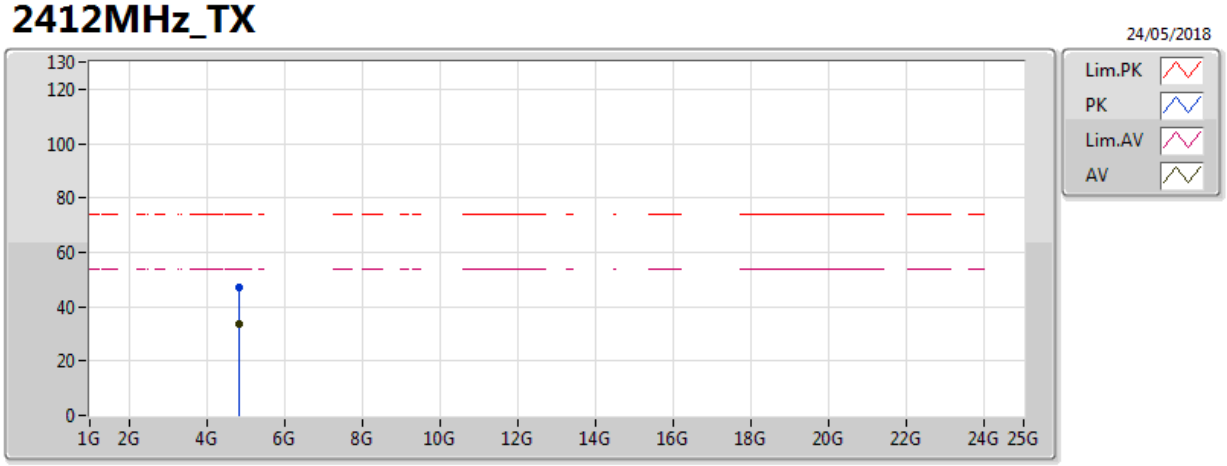


EUT X_4TX
Setting 18
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.389998G	57.39	74.00	-16.61	32.13	3	Horizontal	344	0.00
AV	2.389998G	45.33	54.00	-8.67	32.13	3	Horizontal	344	0.00
PK	2.4168G	112.60	Inf	-Inf	32.21	3	Horizontal	344	0.00
AV	2.4116G	105.09	Inf	-Inf	32.19	3	Horizontal	344	0.00

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

2412MHz_TX

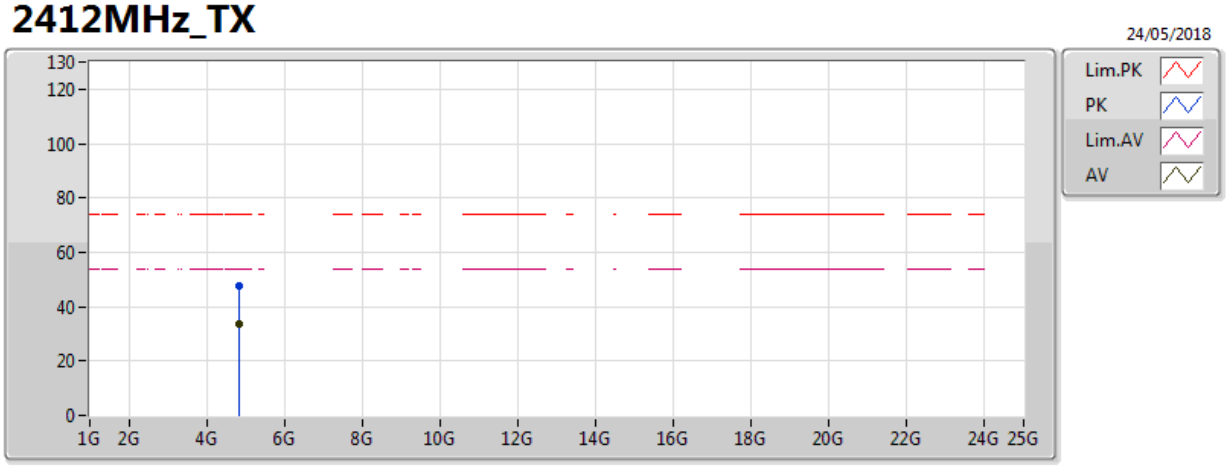


EUT X_4TX
Setting 18
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.82144G	47.09	74.00	-26.91	4.85	3	Vertical	318	1.50
AV	4.81944G	33.87	54.00	-20.13	4.85	3	Vertical	318	1.50

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

2412MHz_TX

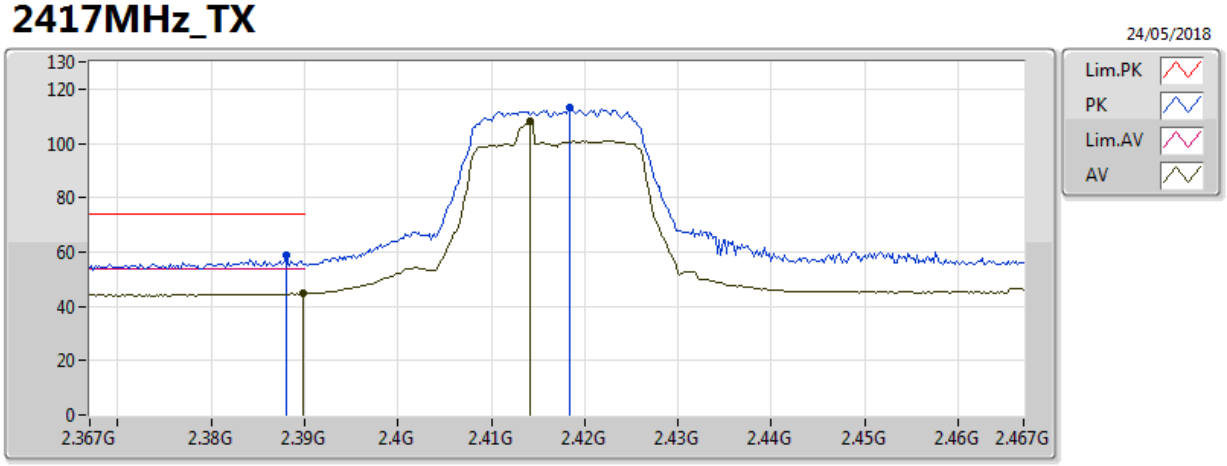


EUT X_4TX
Setting 18
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.83116G	47.45	74.00	-26.55	4.86	3	Horizontal	107	1.45
AV	4.81888G	33.77	54.00	-20.23	4.85	3	Horizontal	107	1.45

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

2417MHz_TX

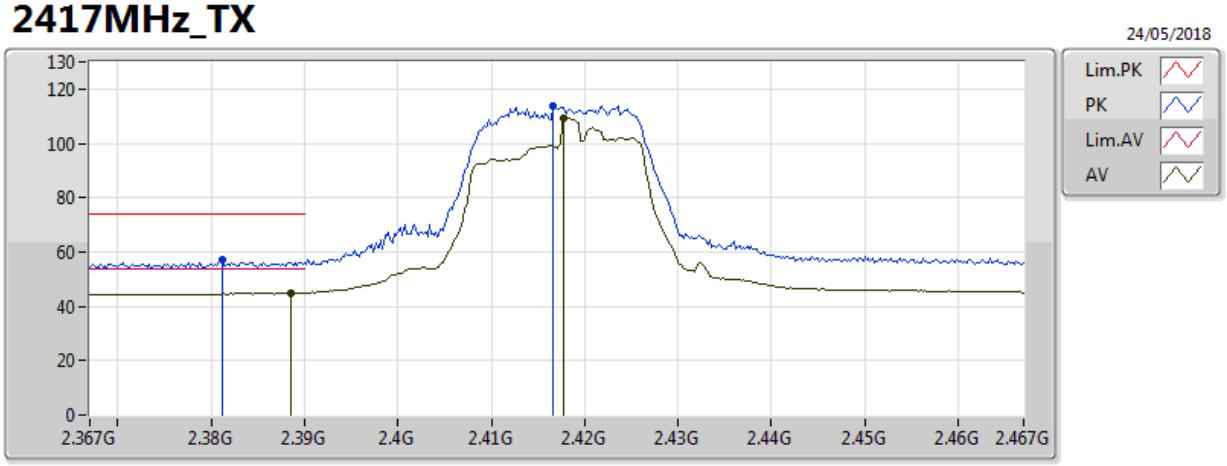


EUT X_4TX
Setting 22
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.388G	58.72	74.00	-15.28	32.13	3	Vertical	0	1.66
AV	2.3898G	44.74	54.00	-9.26	32.13	3	Vertical	0	1.66
PK	2.4184G	113.18	Inf	-Inf	32.22	3	Vertical	0	1.66
AV	2.4142G	107.95	Inf	-Inf	32.20	3	Vertical	0	1.66

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

2417MHz_TX

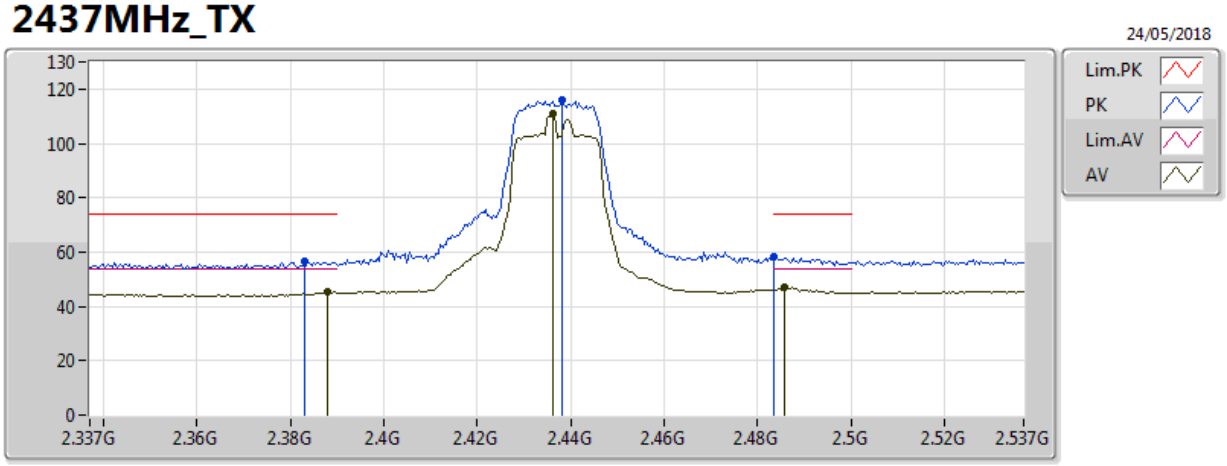


EUT X_4TX
Setting 22
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3812G	57.24	74.00	-16.76	32.10	3	Horizontal	330	2.05
AV	2.3886G	45.07	54.00	-8.93	32.13	3	Horizontal	330	2.05
PK	2.4166G	113.79	Inf	-Inf	32.21	3	Horizontal	330	2.05
AV	2.4178G	109.14	Inf	-Inf	32.21	3	Horizontal	330	2.05

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

2437MHz_TX

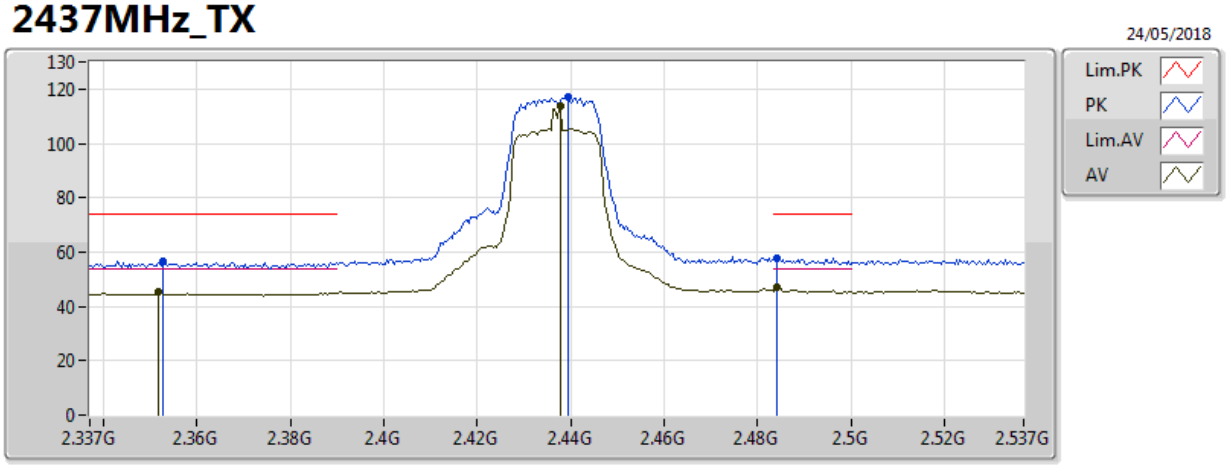


EUT X_4TX
Setting 22
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.383G	56.67	74.00	-17.33	32.11	3	Vertical	19	2.35
AV	2.3878G	45.43	54.00	-8.57	32.13	3	Vertical	19	2.35
PK	2.4382G	116.00	Inf	-Inf	32.27	3	Vertical	19	2.35
AV	2.4362G	110.67	Inf	-Inf	32.27	3	Vertical	19	2.35
PK	2.483502G	58.23	74.00	-15.77	32.42	3	Vertical	19	2.35
AV	2.4858G	47.15	54.00	-6.85	32.42	3	Vertical	19	2.35

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

2437MHz_TX

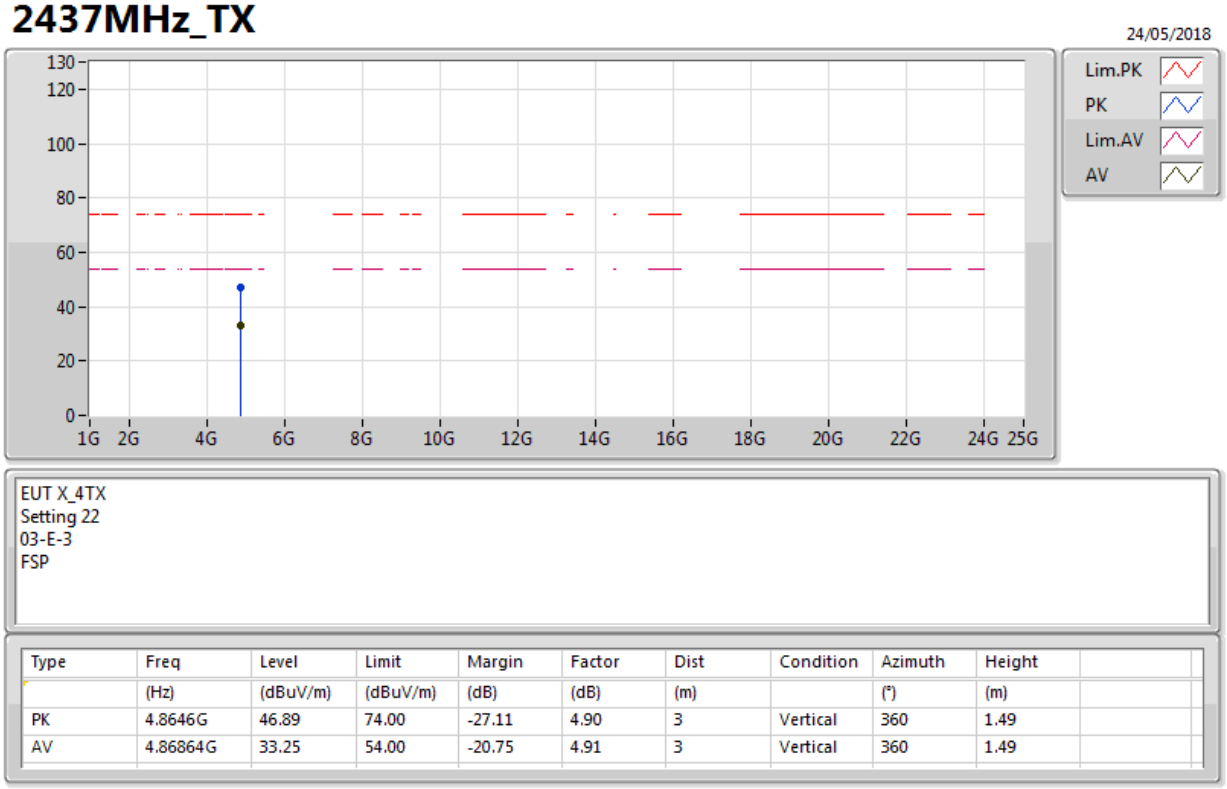


EUT X_4TX
Setting 22
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3526G	56.60	74.00	-17.40	32.02	3	Horizontal	356	1.91
AV	2.3518G	45.12	54.00	-8.88	32.01	3	Horizontal	356	1.91
PK	2.4394G	116.98	Inf	-Inf	32.28	3	Horizontal	356	1.91
AV	2.4378G	113.79	Inf	-Inf	32.27	3	Horizontal	356	1.91
PK	2.4842G	57.91	74.00	-16.09	32.42	3	Horizontal	356	1.91
AV	2.4842G	46.97	54.00	-7.03	32.42	3	Horizontal	356	1.91

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

2437MHz_TX

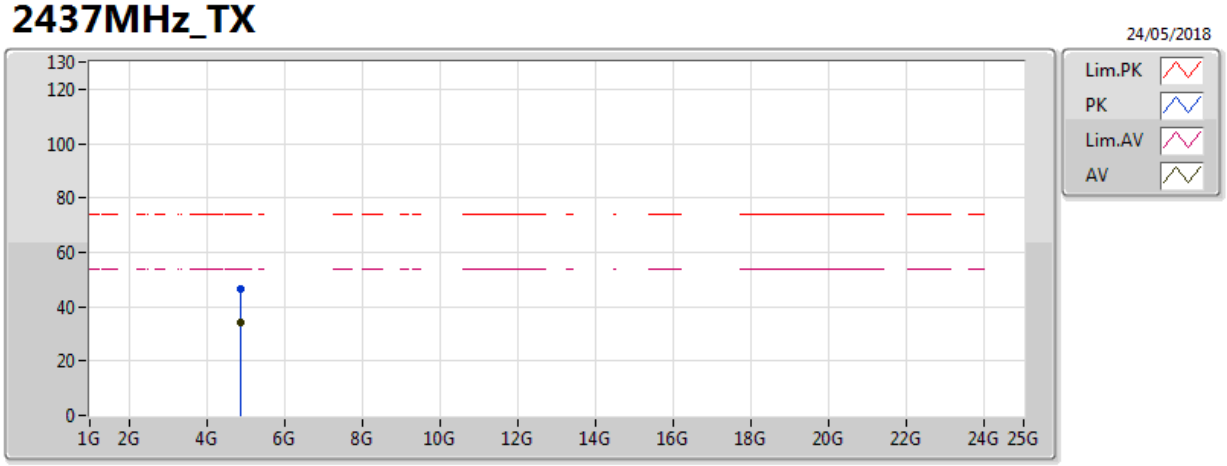


EUT X_4TX
Setting 22
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.8646G	46.89	74.00	-27.11	4.90	3	Vertical	360	1.49
AV	4.86864G	33.25	54.00	-20.75	4.91	3	Vertical	360	1.49

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

2437MHz_TX

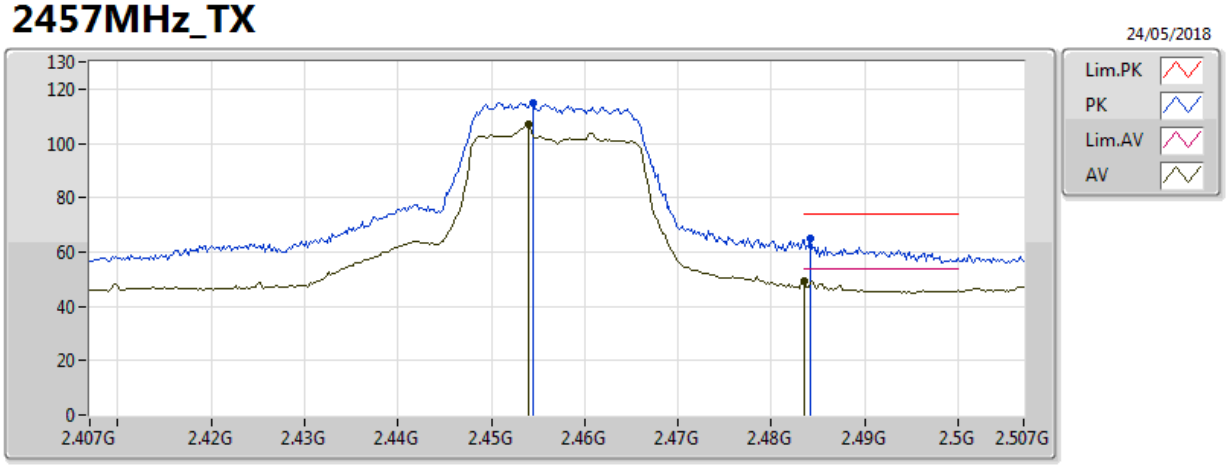


EUT X_4TX
Setting 22
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.88152G	46.65	74.00	-27.35	4.92	3	Horizontal	293	1.48
AV	4.874G	34.43	54.00	-19.57	4.91	3	Horizontal	293	1.48

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

2457MHz_TX

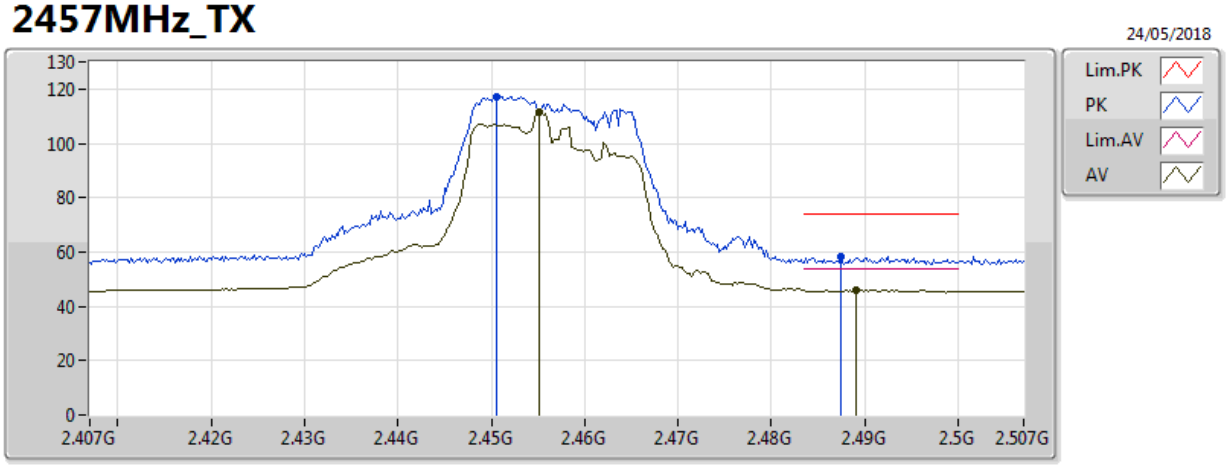


EUT X_4TX
Setting 22
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.4544G	114.95	Inf	-Inf	32.32	3	Vertical	11	2.11
AV	2.454G	106.90	Inf	-Inf	32.32	3	Vertical	11	2.11
PK	2.4842G	65.01	74.00	-8.99	32.42	3	Vertical	11	2.11
AV	2.483502G	49.44	54.00	-4.56	32.42	3	Vertical	11	2.11

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

2457MHz_TX

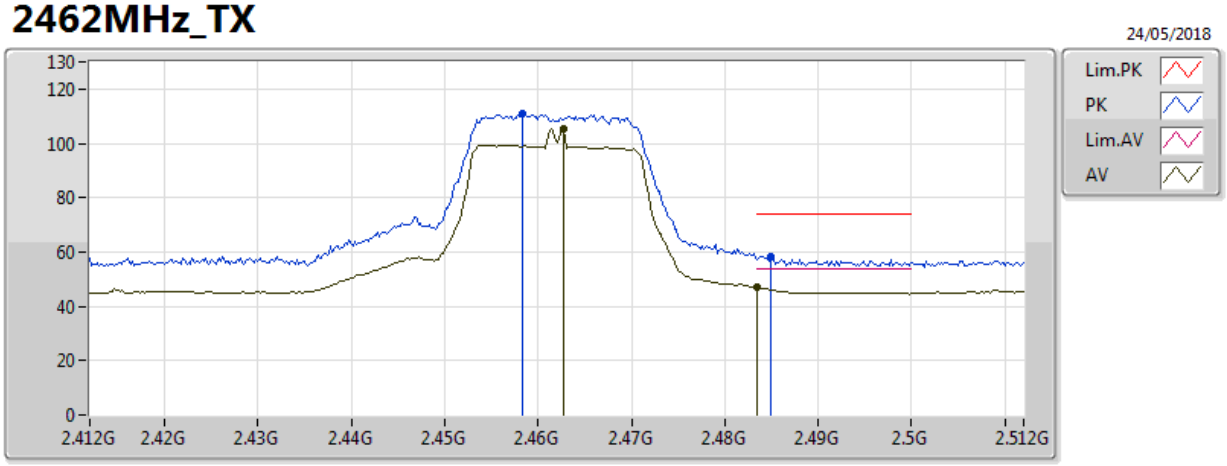


EUT X_4TX
Setting 22
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.4506G	117.33	Inf	-Inf	32.31	3	Horizontal	346	1.63
AV	2.4552G	111.30	Inf	-Inf	32.33	3	Horizontal	346	1.63
PK	2.4874G	58.44	74.00	-15.56	32.42	3	Horizontal	346	1.63
AV	2.489G	45.86	54.00	-8.14	32.43	3	Horizontal	346	1.63

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

2462MHz_TX

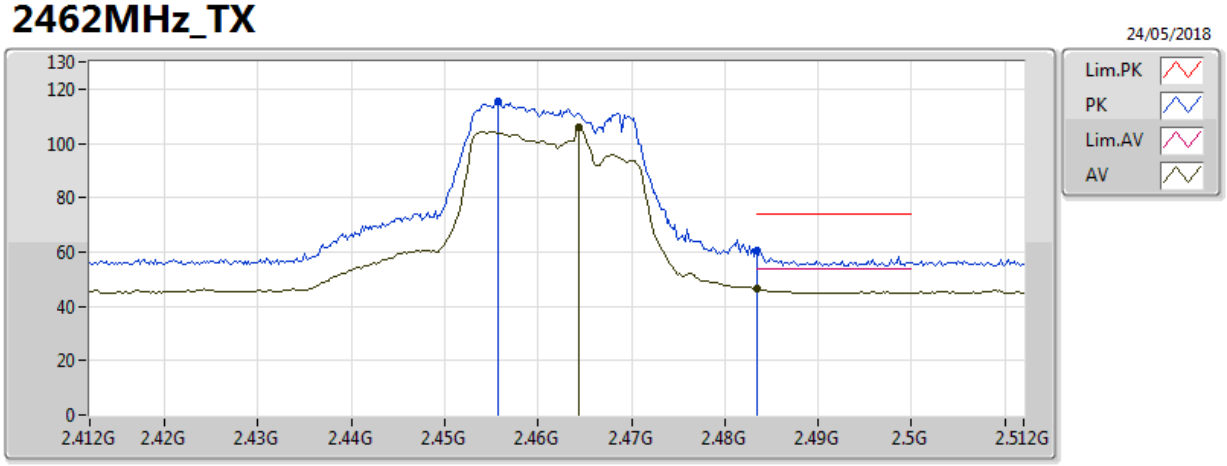


EUT X_4TX
Setting 20
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.4584G	110.82	Inf	-Inf	32.34	3	Vertical	2	1.76
AV	2.4628G	105.21	Inf	-Inf	32.35	3	Vertical	2	1.76
PK	2.485G	58.34	74.00	-15.66	32.42	3	Vertical	2	1.76
AV	2.483502G	46.91	54.00	-7.09	32.42	3	Vertical	2	1.76

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

2462MHz_TX

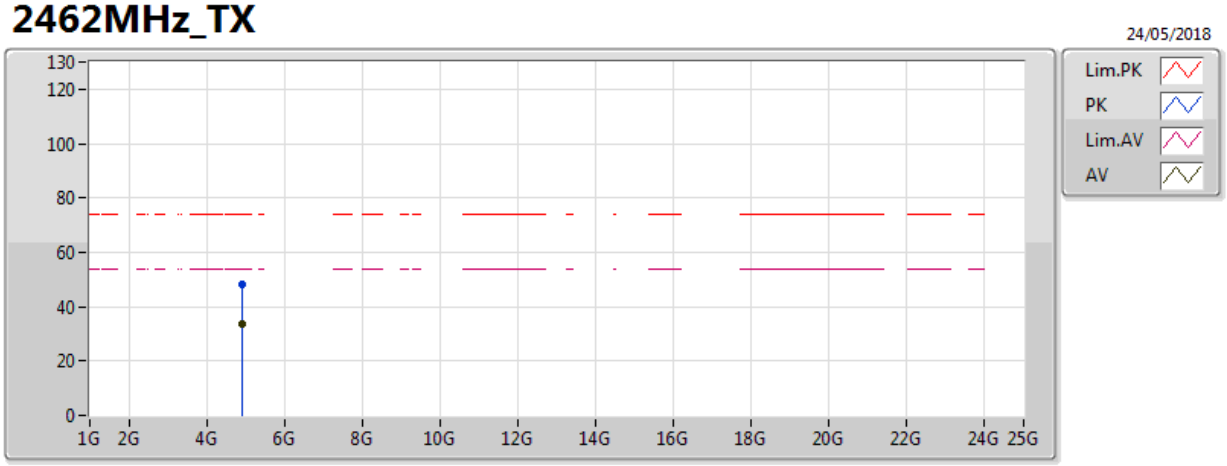


EUT X_4TX
Setting 20
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.4558G	115.47	Inf	-Inf	32.33	3	Horizontal	357	2.01
AV	2.4644G	105.89	Inf	-Inf	32.35	3	Horizontal	357	2.01
PK	2.483502G	60.25	74.00	-13.75	32.42	3	Horizontal	357	2.01
AV	2.483502G	46.64	54.00	-7.36	32.42	3	Horizontal	357	2.01

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

2462MHz_TX

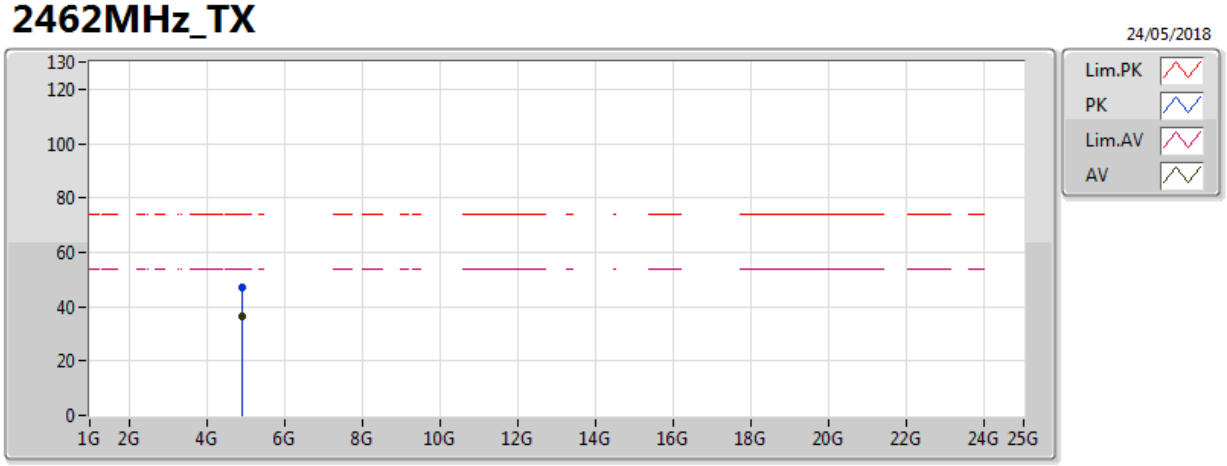


EUT X_4TX
Setting 20
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.91424G	48.21	74.00	-25.79	4.96	3	Vertical	191	1.93
AV	4.92016G	33.90	54.00	-20.10	4.97	3	Vertical	191	1.93

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

2462MHz_TX

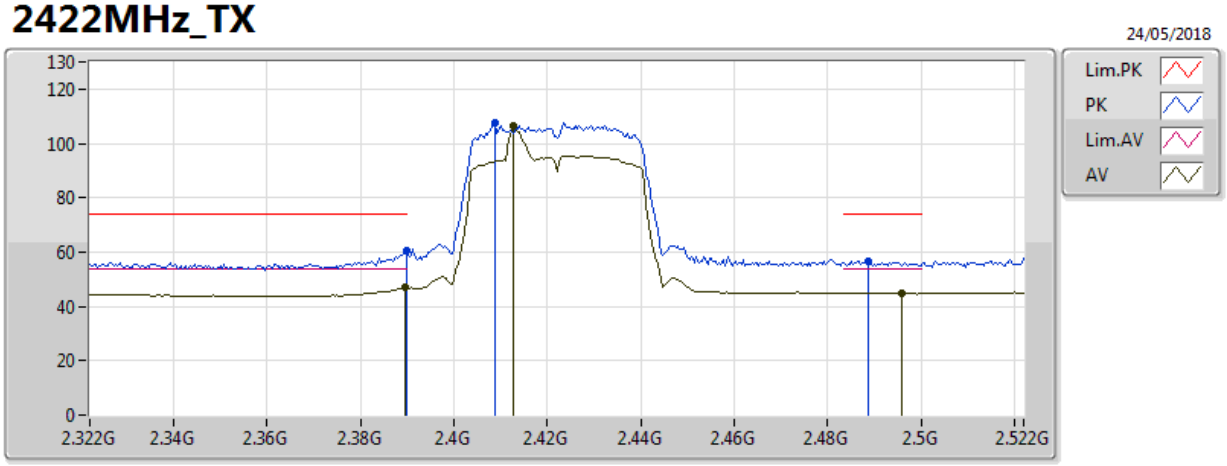


EUT X_4TX
Setting 20
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.92388G	47.04	74.00	-26.96	4.98	3	Horizontal	281	2.85
AV	4.92392G	36.36	54.00	-17.64	4.98	3	Horizontal	281	2.85

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

2422MHz_TX

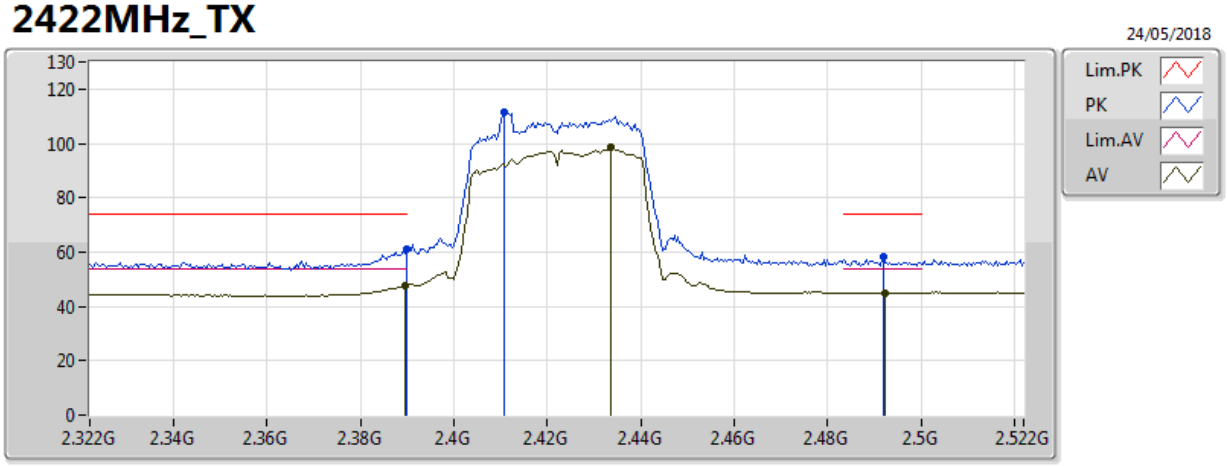


EUT X_4TX
Setting 19
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.389998G	60.56	74.00	-13.44	32.13	3	Vertical	360	1.72
AV	2.3896G	47.07	54.00	-6.93	32.13	3	Vertical	360	1.72
PK	2.4088G	107.68	Inf	-Inf	32.19	3	Vertical	360	1.72
AV	2.4128G	106.26	Inf	-Inf	32.20	3	Vertical	360	1.72
PK	2.4888G	56.83	74.00	-17.17	32.43	3	Vertical	360	1.72
AV	2.496G	45.06	54.00	-8.94	32.45	3	Vertical	360	1.72

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

2422MHz_TX

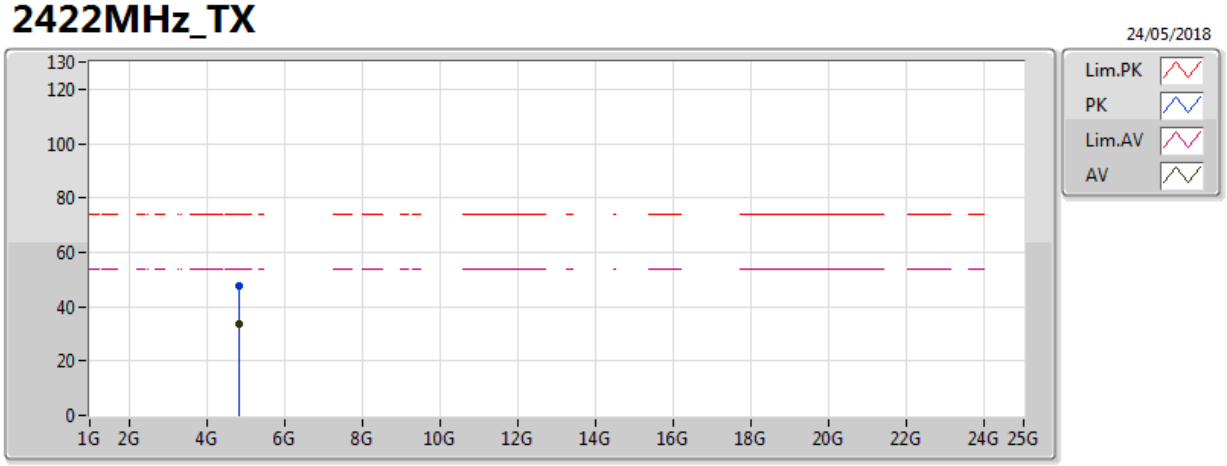


EUT X_4TX
Setting 19
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.389998G	60.85	74.00	-13.15	32.13	3	Horizontal	341	2.23
AV	2.3896G	47.67	54.00	-6.33	32.13	3	Horizontal	341	2.23
PK	2.4108G	111.38	Inf	-Inf	32.19	3	Horizontal	341	2.23
AV	2.4336G	98.35	Inf	-Inf	32.26	3	Horizontal	341	2.23
PK	2.492G	58.24	74.00	-15.76	32.43	3	Horizontal	341	2.23
AV	2.4924G	44.97	54.00	-9.03	32.43	3	Horizontal	341	2.23

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

2422MHz_TX

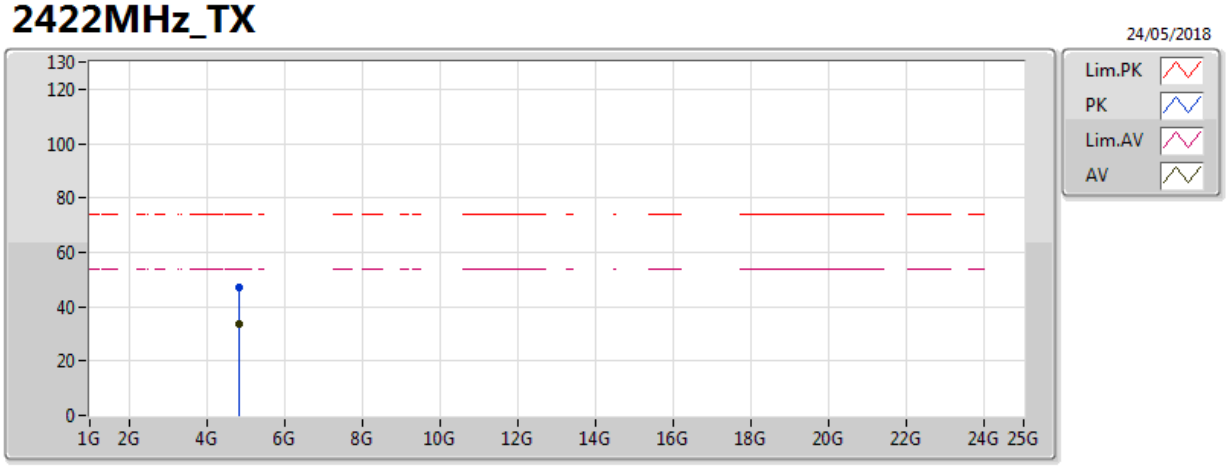


EUT X_4TX
Setting 19
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.84236G	47.60	74.00	-26.40	4.88	3	Vertical	15	1.47
AV	4.84264G	33.76	54.00	-20.24	4.88	3	Vertical	15	1.47

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

2422MHz_TX

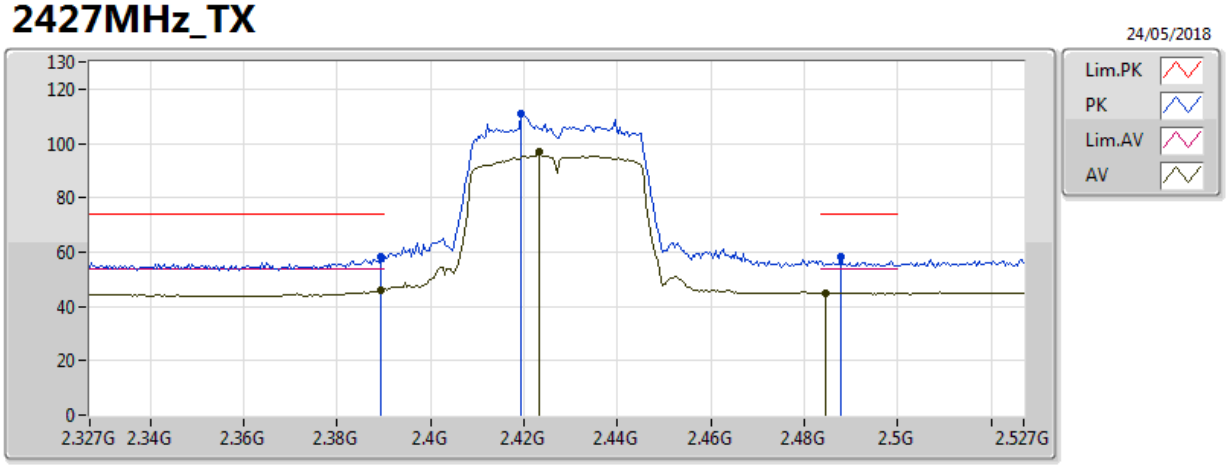


EUT X_4TX
Setting 19
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.84424G	47.05	74.00	-26.95	4.88	3	Horizontal	351	1.50
AV	4.84216G	33.71	54.00	-20.29	4.88	3	Horizontal	351	1.50

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

2427MHz_TX

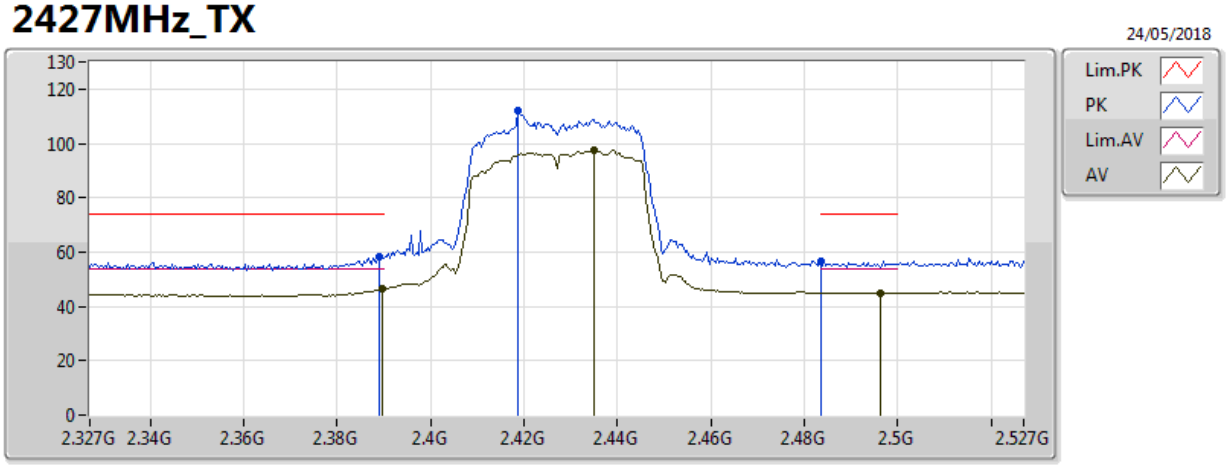


EUT X_4TX
Setting 20
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3894G	58.43	74.00	-15.57	32.13	3	Vertical	20	1.48
AV	2.3894G	46.00	54.00	-8.00	32.13	3	Vertical	20	1.48
PK	2.4194G	111.21	Inf	-Inf	32.22	3	Vertical	20	1.48
AV	2.4234G	97.18	Inf	-Inf	32.23	3	Vertical	20	1.48
PK	2.4878G	58.10	74.00	-15.90	32.42	3	Vertical	20	1.48
AV	2.4846G	45.03	54.00	-8.97	32.42	3	Vertical	20	1.48

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

2427MHz_TX

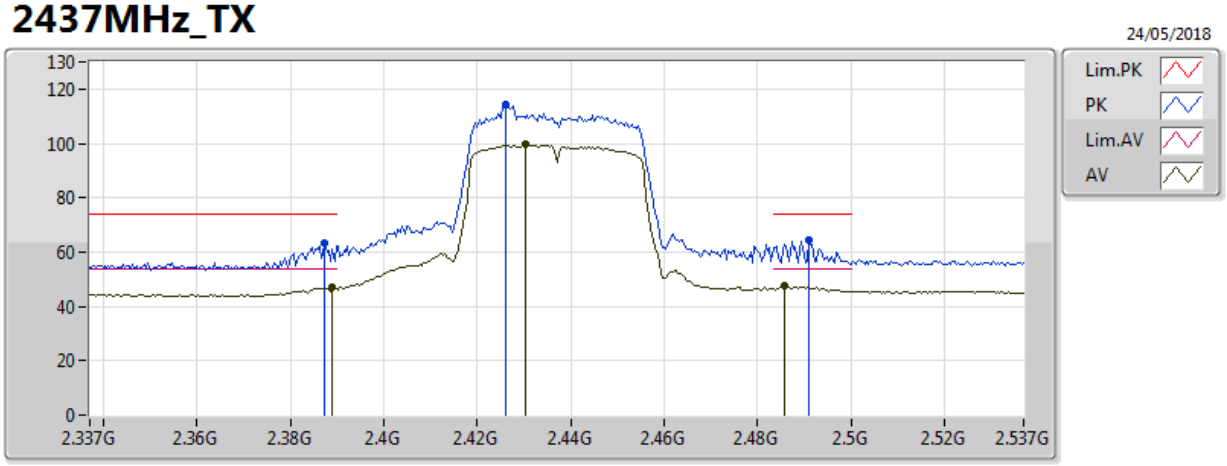


EUT X_4TX
Setting 20
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.389G	58.30	74.00	-15.70	32.13	3	Horizontal	340	2.07
AV	2.3898G	46.34	54.00	-7.66	32.13	3	Horizontal	340	2.07
PK	2.4186G	112.18	Inf	-Inf	32.22	3	Horizontal	340	2.07
AV	2.435G	97.40	Inf	-Inf	32.27	3	Horizontal	340	2.07
PK	2.483502G	56.75	74.00	-17.25	32.42	3	Horizontal	340	2.07
AV	2.4962G	44.98	54.00	-9.02	32.45	3	Horizontal	340	2.07

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

2437MHz_TX

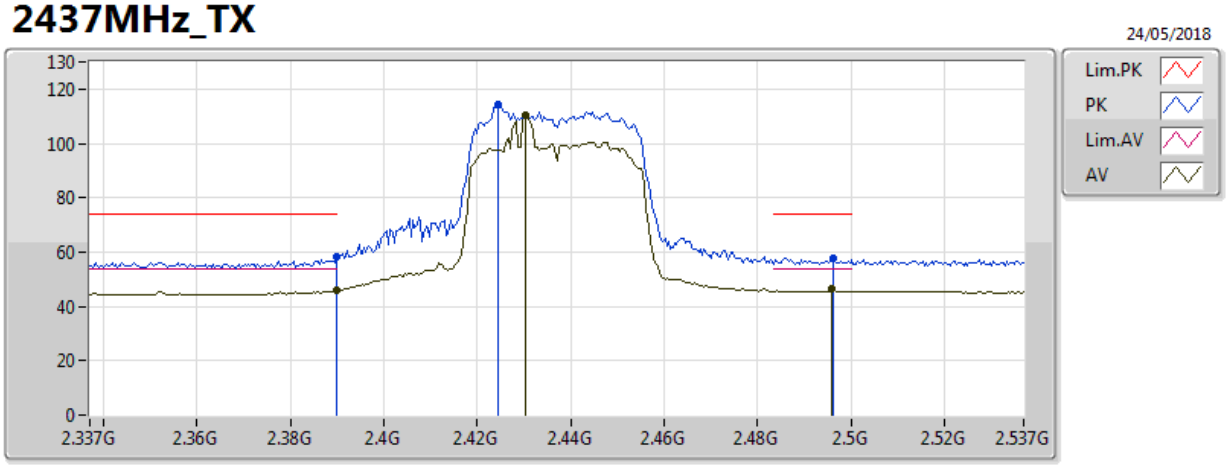


EUT X_4TX
Setting 20
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3874G	63.47	74.00	-10.53	32.12	3	Vertical	5	1.88
AV	2.389G	46.80	54.00	-7.20	32.13	3	Vertical	5	1.88
PK	2.4262G	114.56	Inf	-Inf	32.24	3	Vertical	5	1.88
AV	2.4302G	99.55	Inf	-Inf	32.25	3	Vertical	5	1.88
PK	2.491G	64.56	74.00	-9.44	32.43	3	Vertical	5	1.88
AV	2.4858G	47.64	54.00	-6.36	32.42	3	Vertical	5	1.88

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

2437MHz_TX

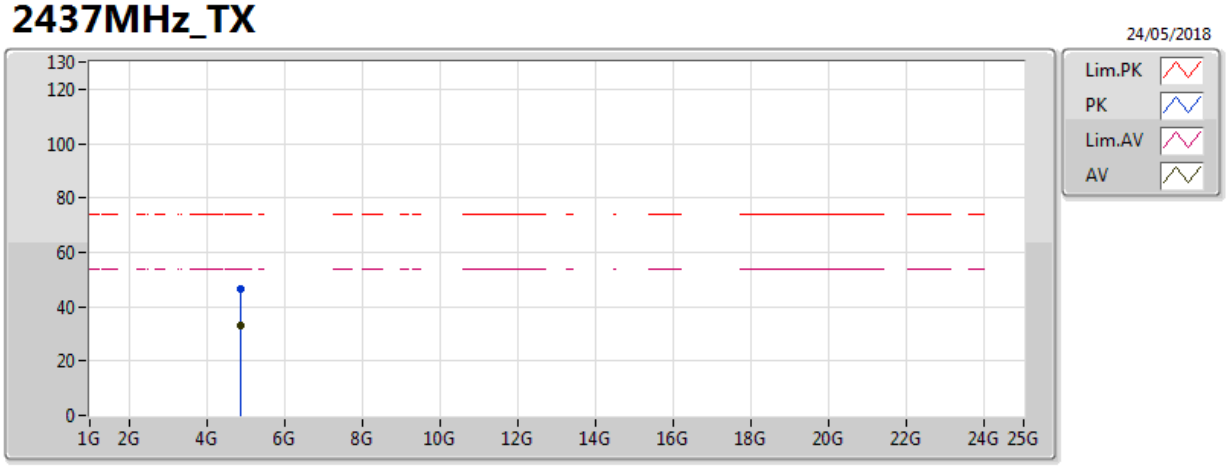


EUT X_4TX
Setting 20
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3898G	58.06	74.00	-15.94	32.13	3	Horizontal	6	1.63
AV	2.3898G	45.88	54.00	-8.12	32.13	3	Horizontal	6	1.63
PK	2.4246G	114.57	Inf	-Inf	32.23	3	Horizontal	6	1.63
AV	2.4302G	110.62	Inf	-Inf	32.25	3	Horizontal	6	1.63
PK	2.4962G	57.89	74.00	-16.11	32.45	3	Horizontal	6	1.63
AV	2.4958G	46.29	54.00	-7.71	32.45	3	Horizontal	6	1.63

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

2437MHz_TX

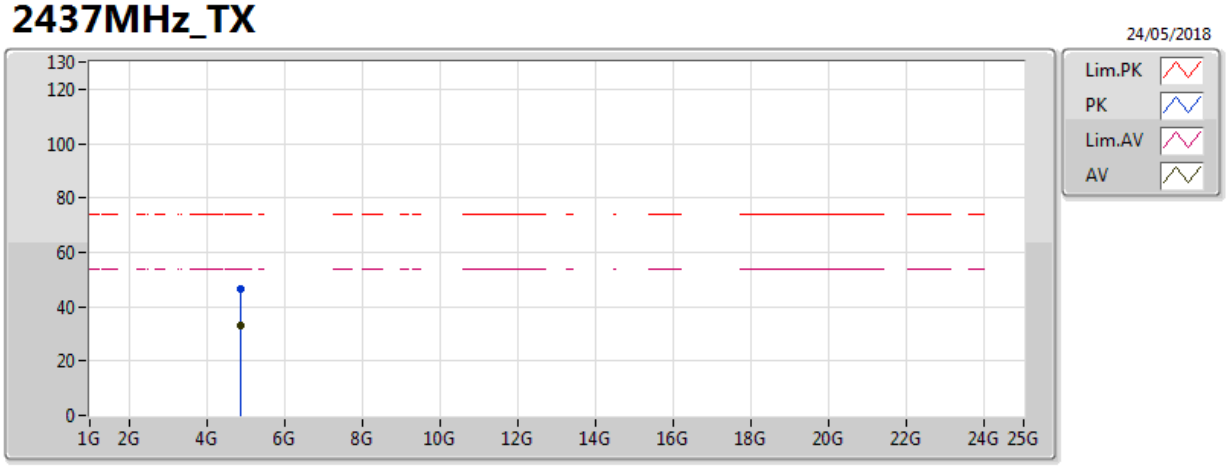


EUT X_4TX
Setting 20
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.86448G	46.31	74.00	-27.69	4.90	3	Vertical	182	1.50
AV	4.86456G	33.23	54.00	-20.77	4.90	3	Vertical	182	1.50

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

2437MHz_TX

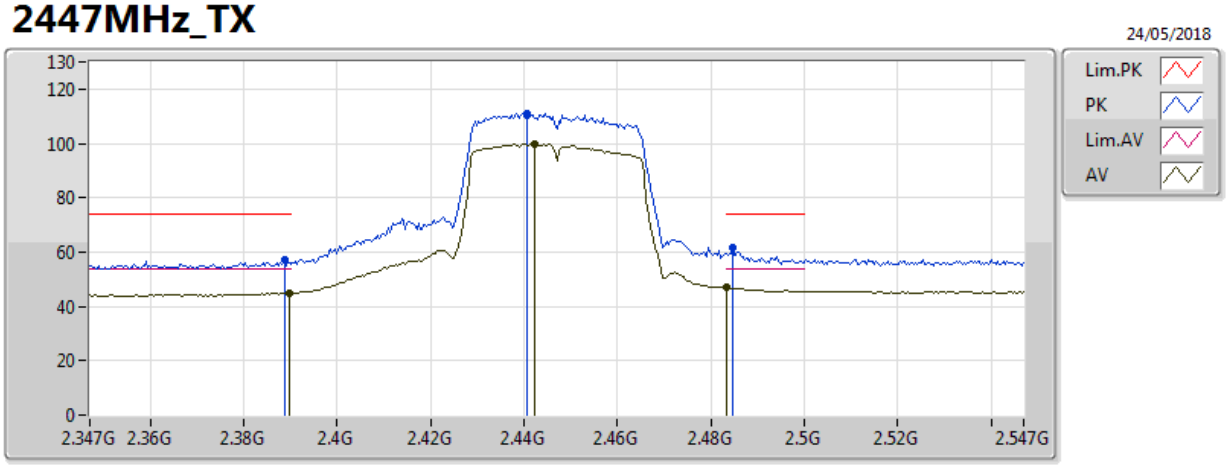


EUT X_4TX
Setting 20
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.87052G	46.50	74.00	-27.50	4.91	3	Horizontal	138	2.25
AV	4.87636G	33.30	54.00	-20.70	4.91	3	Horizontal	138	2.25

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

2447MHz_TX

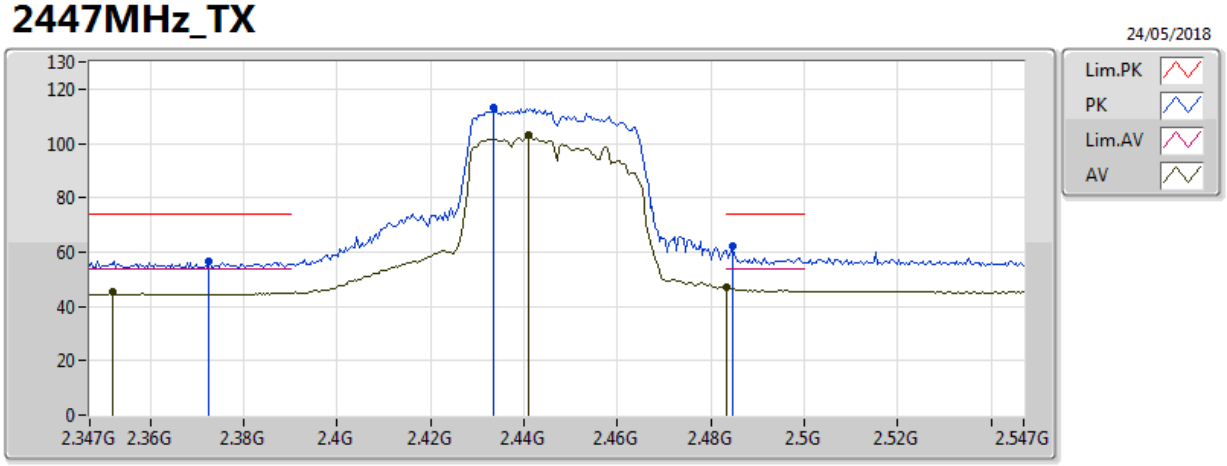


EUT X_4TX
Setting 20
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3886G	57.06	74.00	-16.94	32.13	3	Vertical	15	1.77
AV	2.3898G	45.02	54.00	-8.98	32.13	3	Vertical	15	1.77
PK	2.4406G	111.21	Inf	-Inf	32.28	3	Vertical	15	1.77
AV	2.4422G	99.72	Inf	-Inf	32.29	3	Vertical	15	1.77
PK	2.4846G	61.60	74.00	-12.40	32.42	3	Vertical	15	1.77
AV	2.483502G	46.96	54.00	-7.04	32.42	3	Vertical	15	1.77

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

2447MHz_TX

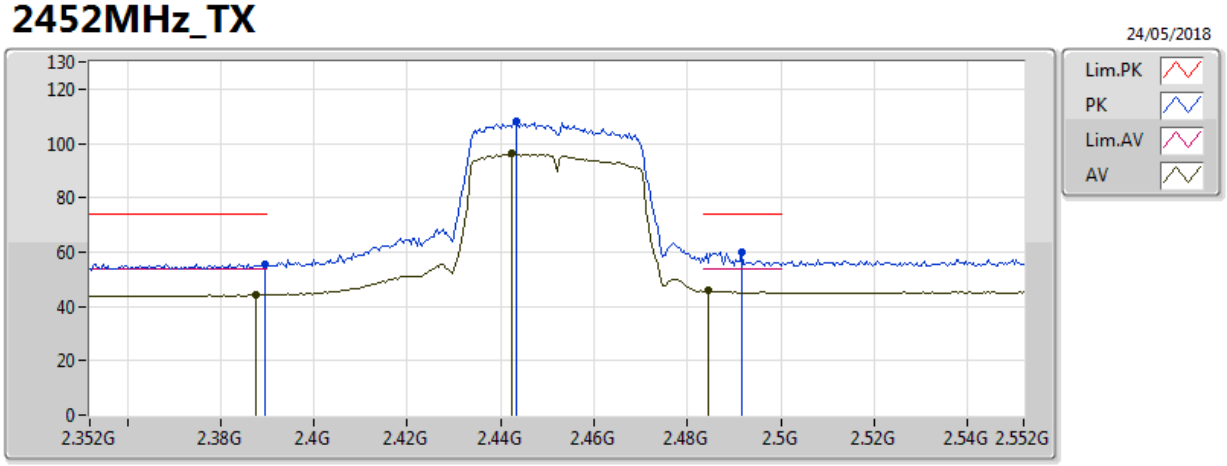


EUT X_4TX
Setting 20
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3726G	56.46	74.00	-17.54	32.08	3	Horizontal	0	2.00
AV	2.3518G	45.36	54.00	-8.64	32.01	3	Horizontal	0	2.00
PK	2.4334G	112.93	Inf	-Inf	32.26	3	Horizontal	0	2.00
AV	2.441G	102.83	Inf	-Inf	32.28	3	Horizontal	0	2.00
PK	2.4846G	62.01	74.00	-11.99	32.42	3	Horizontal	0	2.00
AV	2.483502G	47.01	54.00	-6.99	32.42	3	Horizontal	0	2.00

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

2452MHz_TX

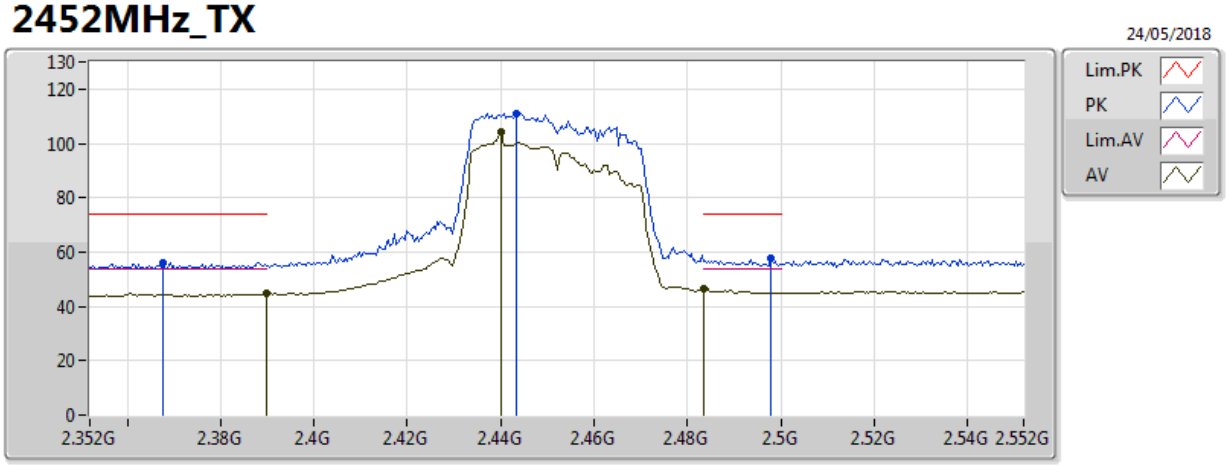


EUT X_4TX
Setting 17
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3896G	55.44	74.00	-18.56	32.13	3	Vertical	23	1.62
AV	2.3876G	44.21	54.00	-9.79	32.13	3	Vertical	23	1.62
PK	2.4432G	108.16	Inf	-Inf	32.29	3	Vertical	23	1.62
AV	2.4424G	96.17	Inf	-Inf	32.29	3	Vertical	23	1.62
PK	2.4916G	59.86	74.00	-14.14	32.43	3	Vertical	23	1.62
AV	2.4844G	45.91	54.00	-8.09	32.42	3	Vertical	23	1.62

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

2452MHz_TX

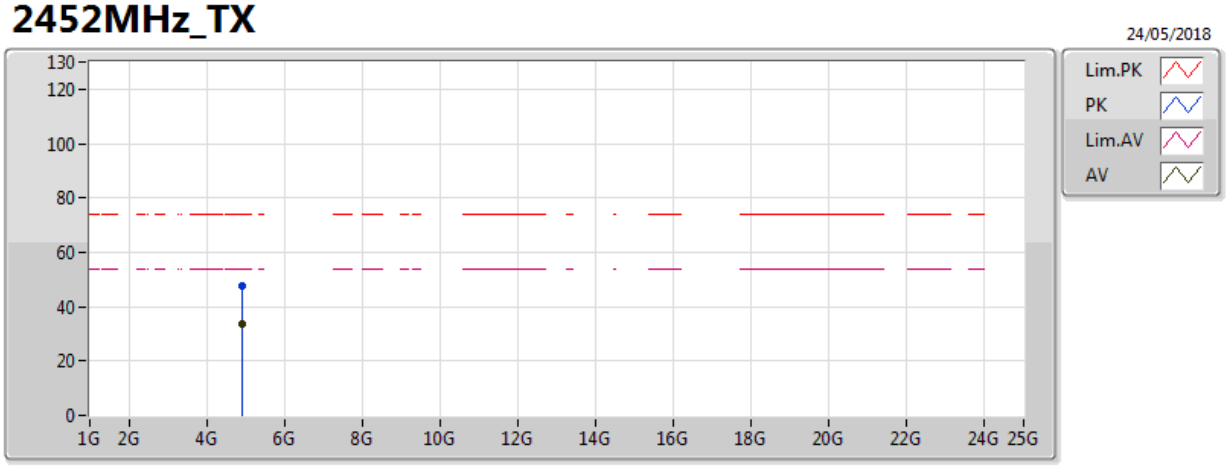


EUT X_4TX
Setting 17
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	2.3676G	55.88	74.00	-18.12	32.06	3	Horizontal	343	2.04
AV	2.389998G	44.69	54.00	-9.31	32.13	3	Horizontal	343	2.04
PK	2.4432G	111.14	Inf	-Inf	32.29	3	Horizontal	343	2.04
AV	2.44G	104.36	Inf	-Inf	32.28	3	Horizontal	343	2.04
PK	2.498G	57.59	74.00	-16.41	32.46	3	Horizontal	343	2.04
AV	2.483502G	46.70	54.00	-7.30	32.42	3	Horizontal	343	2.04

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

2452MHz_TX

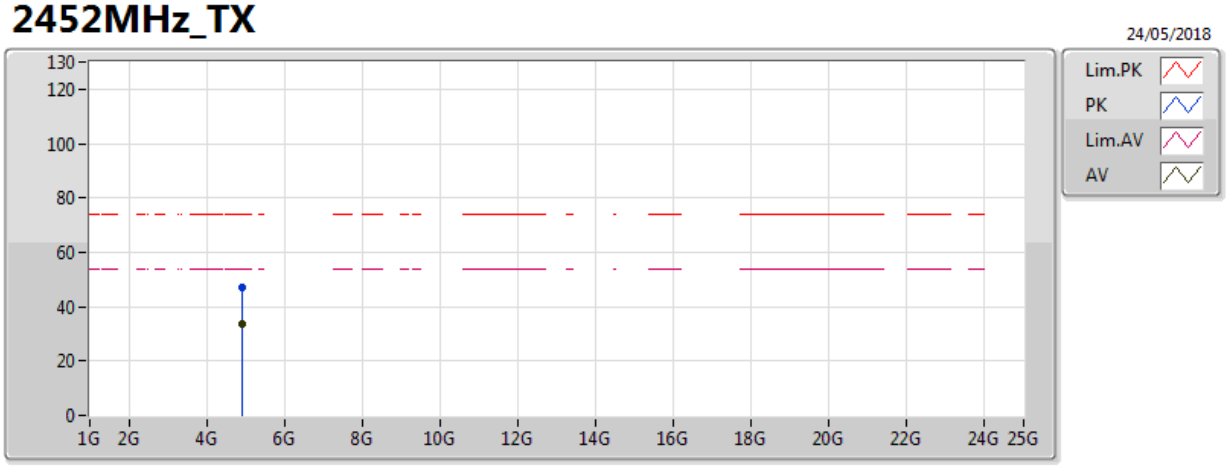


EUT X_4TX
Setting 17
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.90868G	47.66	74.00	-26.34	4.95	3	Vertical	96	1.50
AV	4.90892G	33.82	54.00	-20.18	4.95	3	Vertical	96	1.50

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

2452MHz_TX



EUT X_4TX
Setting 17
03-E-3
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
PK	4.9114G	47.01	74.00	-26.99	4.96	3	Horizontal	279	1.52
AV	4.90932G	33.88	54.00	-20.12	4.95	3	Horizontal	279	1.52