



FCC RADIO TEST REPORT

FCC ID : UXX-S5A052A
Equipment : R1900-5GB
Brand Name : Cradlepoint
Model Name : S5A052A
Applicant : Cradlepoint, Inc.
1111 West Jefferson Street ,Boise ,Idaho,United States 83702
Manufacturer : Cradlepoint, Inc.
1111 West Jefferson Street ,Boise ,Idaho,United States 83702
Standard : 47 CFR FCC Part 15.247

The product was received on Nov. 05, 2020, and testing was started from Nov. 06, 2020 and completed on Dec. 16, 2020. 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 test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)



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History of this test report

TEL : 886-3-656-9065
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Summary of Test Result

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

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen

Report Producer: Vicky Huang



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
2400-2483.5	b, g, n (HT20), VHT20, ax (HEW20)	2412-2462	1-11 [11]
2400-2483.5	n (HT40), VHT40, ax (HEW40)	2422-2452	3-9 [7]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	2TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	802.11n (HT20)	20	2TX
2.4-2.4835GHz	802.11n (HT20)-BF	20	2TX
2.4-2.4835GHz	VHT 20	20	2TX
2.4-2.4835GHz	VHT 20-BF	20	2TX
2.4-2.4835GHz	802.11ax (HEW20)	20	2TX
2.4-2.4835GHz	802.11ax (HEW20)-BF	20	2TX
2.4-2.4835GHz	802.11n (HT40)	40	2TX
2.4-2.4835GHz	802.11n (HT40)-BF	40	2TX
2.4-2.4835GHz	VHT 40	40	2TX
2.4-2.4835GHz	VHT 40-BF	40	2TX
2.4-2.4835GHz	802.11ax (HEW40)	40	2TX
2.4-2.4835GHz	802.11ax (HEW40)-BF	40	2TX

Note:

- ♦ 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- ♦ 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ HEW20, HEW40 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Set	Port	Function	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	WLAN	PANORAMA	LG-IN2445	Combination	RP-SMA	Note 1
	2						
	-	GPS					
	-	WWAN					
	-						
	-						
	-						
2	1	WLAN	Cradlepoint	Test antenna 1	Monopole	RP-SMA	Note 1
	2						
3	1	Bluetooth	Master Wave	98242MRSX011	Dipole	RP-SMA	Note 1

Note 1:

Set	Port	Gain (dBi)			Cable loss (dB)		True Gain (dBi)		
		2.4 GHz	5GHz B1	5GHz B4	2.4 GHz	5GHz	2.4 GHz	5GHz B1	5GHz B4
1	1	2.1	2.4	2	0.7	1.1	1.4	1.3	0.9
	2								
2	1	5.5069	5.8125	5.9957	0.7	1.1	4.8069	4.7125	4.8957
	2								

Set	GPS Gain (dB)
1	26

Set	Port	Gain (dBi)	Cable loss (dB)	True Gain (dBi)
		Bluetooth	Bluetooth	Bluetooth
3	1	2.16	0.7	1.46



Set	Band	Frequency (GHz)	Gain (dBi)	Cable loss (dB)	True Gain (dBi)
1	2	1850-1920	0.25	0.42	-0.17
	4	1710-1785	0.05	0.42	-0.37
	5	807-862	0.80	0.28	0.52
	7	2496-2690	2.00	0.42	1.58
	12	699-714	0.15	0.25	-0.10
	13	777-787	0.85	0.25	0.60
	17	699-714	0.15	0.25	-0.10
	25	1850-1920	0.25	0.42	-0.17
	26	807-862	0.80	0.28	0.52
	30	2300-2400	1.50	0.42	1.08
	38	2496-2690	2.00	0.42	1.58
	41	2496-2690	2	0.42	1.58
	42	3300-3800	2.9	0.81	2.09
	48	3300-3800	2.9	0.81	2.09
	66	1710-1785	0.05	0.42	-0.37
	71	617-698	0.05	0.25	-0.20

Note: The above information was declared by manufacturer.

For 2.4GHz function:

For IEEE 802.11b/g/n/VHT/ax (2TX/2RX):

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

Port 1 and Port 2 could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11a/n/ac/ax (2TX/2RX):

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

Port 1 and Port 2 could transmit/receive simultaneously.

For Bluetooth Function:

For Bluetooth mode (1TX/1RX)

Only Port 1 can be use as transmit and receive antenna.



1.1.3 Mode Test Duty Cycle

For Antenna Set 1:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11b	0.954	0.2	11.888m	100
802.11g	0.933	0.3	1.436m	1k
802.11ax HEW20	0.961	0.17	5.452m	300
802.11ax HEW20-BF	0.919	0.37	1.768m	1k
802.11ax HEW40	0.959	0.18	5.449m	300
802.11ax HEW40-BF	0.919	0.37	1.825m	1k

For Antenna Set 2:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11b	0.954	0.2	11.888m	100
802.11g	0.933	0.3	1.436m	1k
802.11ax HEW20	0.961	0.17	5.452m	300
802.11ax HEW20-BF	0.919	0.37	1.768m	1k
802.11ax HEW40	0.959	0.18	5.449m	300
802.11ax HEW40-BF	0.919	0.37	1.825m	1k

Note:

- ♦ DC is Duty Cycle.
- ♦ DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

EUT Power Type	From Adapter or DC PSE switch 6 pin or DC power 4 pin or DC power 8 pin			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax in 2.4GHz and n/ac/ax in 5GHz			
Function	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	non-beamforming mode: QSPR.exe Version 5.0-00188 beamforming mode: DOS [ver 6.1.7601]			

Note1: The above information was declared by manufacturer.

Note2: This device contains WWAN module FCC ID: N7NEM91

**1.1.5 Table of WWAN Module Function**

Brand Name	Model Name	FCC ID	IC	Function
Sierra	EM9190	N7NEM91	2417C-EM91	3G Band:2,4,5 4G Band:2,4,5,7,12,13,14,17,25,26,30,38,41,42,48,66,71 5G Band:n2,n5,n41,n66,n71 5G EN-DC Band: EN-DC_5A_n2A,EN-DC_12A_n2A,EN-DC_2A_n5A,EN-DC_7A_n5A,EN-DC_30A_n5A,EN-DC_66A_n5A,EN-DC_2A_n41A,EN-DC_66A_n41A,EN-DC_5A_n66A,EN-DC_12A_n66A,EN-DC_13A_n66A,EN-DC_2A_n71A,EN-DC_7A_n71A,EN-DC_66A_n71A



1.2 Applicable 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

The following reference test guidance is not within the scope of accreditation of TAF.

- ♦ FCC KDB 558074 D01 v05r02
- ♦ FCC KDB 662911 D01 v02r01
- ♦ FCC KDB 414788 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, Ln. 724, Bo'ai St., Zhubei 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	TH02-CB	Brian Sun	23.6-24.9°C / 55-59%	Nov. 06, 2020~ Nov. 28, 2020
Radiated (below 1GHz)	03CH04-CB	JN Tu	24.3-25.1°C / 56-58%	Nov. 11, 2020~ Dec. 15, 2020
	03CH05-CB	JN Tu	24.5-25.4°C / 55-57%	Nov. 11, 2020~ Dec. 15, 2020
Radiated (above 1GHz)	03CH06-CB	KJ Chang	24.6-25.2°C / 55-57%	Nov. 06, 2020~ Nov. 14, 2020
Radiated (Radiated Emission Co-location)	03CH06-CB	JN Tu	24.5-25.5°C / 54-57%	Nov. 11, 2020~ Dec. 15, 2020
AC Conduction	CO01-CB	Ryo Fan	23~24°C / 59~60%	Nov. 18, 2020~ Dec. 16, 2020

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)	2.0 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	5.0 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.9 dB	Confidence levels of 95%
Conducted Emission	2.8 dB	Confidence levels of 95%
Output Power Measurement	1.4 dB	Confidence levels of 95%
Power Density Measurement	2.8 dB	Confidence levels of 95%
Bandwidth Measurement	0.4%	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

For Antenna Set 1:

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	22.5
2437MHz	25
2462MHz	23.5
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	17.5
2417MHz	20.5
2437MHz	25
2457MHz	23.5
2462MHz	20
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	17.5
2417MHz	18.5
2437MHz	25
2457MHz	21.5
2462MHz	19.5
802.11ax HEW40_Nss1,(MCS0)_2TX	-
2422MHz	15
2437MHz	17.5
2452MHz	16
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
2412MHz	20
2437MHz	20
2462MHz	20
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
2422MHz	17
2427MHz	20
2437MHz	20
2452MHz	20



For Antenna Set 2:

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	21.5
2437MHz	23
2462MHz	22.5
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	18.5
2417MHz	18.5
2437MHz	22.5
2457MHz	20.5
2462MHz	18.5
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	17
2417MHz	18
2437MHz	22
2457MHz	20
2462MHz	16
802.11ax HEW40_Nss1,(MCS0)_2TX	-
2422MHz	15.5
2437MHz	15.5
2452MHz	15
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
2412MHz	20
2437MHz	20
2457MHz	20
2462MHz	17
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
2422MHz	17
2437MHz	17
2452MHz	17

Note:

- ♦ There are two modes for the EUT, one is beamforming mode, and the other is Non-beamforming mode. The EUT supports beamforming function in n/VHT/ax in 2.4GHz and n/ac/ax in 5GHz. Both modes have been test and record in this test 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

Mode	WLAN	Bluetooth	GPS	WWAN	SIM Slot	Power
1	● Set 1	●	●	● Set 1 3G Band 2	● 1	● DC PSE switch 6 pin
2	● Set 1	●	●	● Set 1 3G Band 2	● 2	● DC PSE switch 6 pin
3 (Note1)	● Set 2	●	●	● Set 1 3G Band 2	● 1	● DC PSE switch 6 pin
4 (Note2)	● Set 1	●	●	● Set 1 3G Band 2	● 1	● Adapter 1
5 (Note2)	● Set 1	●	●	● Set 1 3G Band 2	● 1	● DC power 4 pin
6 (Note2)	● Set 1	●	●	● Set 1 3G Band 2	● 1	● DC power 8 pin
7 (Note2)	● Set 1	●	●	● Set 1 3G Band 2	● 1	● Adapter 2
8 (Note3)	● Set 1	●	●	● Set 1 4G Band 2	● 1	● DC PSE switch 6 pin
9 (Note3)	● Set 1	●	●	● Set 1 5G EN-DC Band DC_5A_n2A	● 1	● DC PSE switch 6 pin

Note 1: Mode 1 has been evaluated to be the worst case between Mode 1~2, thus measurement for Mode 3 will follow this same test mode.

Note 2: Mode 1 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4~7 will follow this same test mode

Note 3: Mode 1 has been evaluated to be the worst case among Mode 1~7, thus measurement for Mode 8~9 will follow this same test mode

Mode 1 generated the worst test result, so it was recorded in this 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
1	Antenna Set 1
2	Antenna Set 2

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link

Mode	EUT	WLAN	Bluetooth	GPS	WWAN	SIM Slot	Power
1	Z axis	● Set 1 (Z axis)	●	● Set 1 (Z axis)	● Set 1 (Z axis) 3G Band 2	● 1	● DC PSE switch 6 pin
2	Y axis	● Set 1 (Z axis)	●	● Set 1 (Z axis)	● Set 1 (Z axis) 3G Band 2	● 1	● DC PSE switch 6 pin
3 (Note1)	Z axis	● Set 1 (Y axis)	●	● Set 1 (Y axis)	● Set 1 (Y axis) 3G Band 2	● 1	● DC PSE switch 6 pin
4 (Note2)	Z axis	● Set 1 (Z axis)	●	● Set 1 (Z axis)	● Set 1 (Z axis) 3G Band 2	● 2	● DC PSE switch 6 pin
5 (Note3) (Note6)	Z axis	● Set 2 (Y axis)	●	● Set 1 (Z axis)	● Set 1 (Z axis) 3G Band 2	● 2	● DC PSE switch 6 pin
6 (Note3) (Note6)	Z axis	● Set 2 (Z axis)	●	● Set 1 (Z axis)	● Set 1 (Z axis) 3G Band 2	● 2	● DC PSE switch 6 pin



7 (Note4)	Z axis	• Set 1 (Z axis)	•	• Set 1 (Z axis)	• Set 1 (Z axis) 3G Band 2	• 2	• Adapter 1
8 (Note4)	Z axis	• Set 1 (Z axis)	•	• Set 1 (Z axis)	• Set 1 (Z axis) 3G Band 2	• 2	• DC power 4 pin
9 (Note4)	Z axis	• Set 1 (Z axis)	•	• Set 1 (Z axis)	• Set 1 (Z axis) 3G Band 2	• 2	• DC power 8 pin
10 (Note4)	Z axis	• Set 1 (Z axis)	•	• Set 1 (Z axis)	• Set 1 (Z axis) 3G Band 2	• 2	• Adapter 2
11 (Note5)	Z axis	• Set 1 (Z axis)	•	• Set 1 (Z axis)	• Set 1 (Z axis) 4G Band 2	• 2	• Adapter 2
12 (Note5)	Z axis	• Set 1 (Z axis)	•	• Set 1 (Z axis)	• Set 1 (Z axis) 5G EN-DC Band DC_5A_n2A	• 2	• Adapter 2

Note 1: Mode 1 has been evaluated to be the worst case between Mode 1~2, thus measurement for Mode 3 will follow this same test mode.

Note 2: Mode 1 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4 will follow this same test mode

Note 3: Mode 4 has been evaluated to be the worst case among Mode 1~4, thus measurement for Mode 5~6 will follow this same test mod

Note 4: Mode 4 has been evaluated to be the worst case among Mode 1~6, thus measurement for Mode 7~10 will follow this same test mod

Note 5: Mode 10 has been evaluated to be the worst case among Mode 1~10, thus measurement for Mode 11~12 will follow this same test mod

Note 6: The antenna Set 1 antenna was performed at Y axis and Z axis position for Radiated emission below 1GHz test, and the worst case was found at Z axis. So the measurement will follow this same test configuration.

Mode 10 generated the worst test result, so it was recorded in this report.



Operating Mode > 1GHz	CTX
For antenna Set 1: The EUT was performed at X axis, Y axis and Z axis position for Radiated emission above 1GHz test, and the worst case was found at Y axis. So the measurement will follow this same test configuration. The antenna Set 1 was performed at Y axis and Z axis position for Radiated emission above 1GHz test, and the worst case was found at Z axis. So the measurement will follow this same test configuration. For antenna Set 2: The EUT was performed at X axis, Y axis and Z axis position for Radiated emission above 1GHz test, and the worst case was found at Z axis. So the measurement will follow this same test configuration. The antenna Set 2 was performed at Y axis and Z axis position for Radiated emission above 1GHz test, and the worst case was found at Z axis. So the measurement will follow this same test configuration.	
1	EUT at Y axis + Set 1 antenna Z axis
2	EUT at Z axis + Set 2 antenna Z axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
The EUT at Z axis + Set 1 antenna Z axis generated the worst test result for Radiated emission below 1GHz test, thus the measurement for Radiated emission co-location test will follow this same test configuration.	
1	EUT at Z axis + Set 1 antenna Z axis-WLAN 2.4GHz+WLAN 5GHz
Refer to Appendix G for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz+WLAN 5GHz+Bluetooth+WWAN(WCDMA)
2	WLAN 2.4GHz+WLAN 5GHz+Bluetooth+WWAN(LTE)
3	WLAN 2.4GHz+WLAN 5GHz+Bluetooth+WWAN(5G)
Refer to Sporton Test Report No.: FA0N0310 for Co-location RF Exposure Evaluation.	

Note: The following support unit for measurement only, would not be marketed.

Support Unit	Brand Name	Model Name
Adapter 1	APD	WA-36N12R
Adapter 2	Ktec	KSA-36W-120300D5
DC PSE switch	CradlePoint	SAQF-D2
DC power 6 pin (For DC PSE switch use)	NIEN-YI	NYS4652
DC power 8 pin	NIEN-YI	NYS4726



2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

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 DOS.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by Wireless AP and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

DC power cable 4 pin*1, non-shielded, 3m

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Flash disk3.0	Transcend	JetFlash-700	N/A
B	WAN NB	DELL	E6430	N/A
C	LAN NB	DELL	E6430	N/A
D	2.4G NB	DELL	E6430	N/A
E	5G NB	DELL	E6430	N/A
F	Base station	Anritsu	MT8820C	N/A
H	SIM Card	N/A	N/A	N/A
I	PoE Load	TEXAS	TPS2373-4EVM-758	N/A
J	PoE Load NB	DELL	E6430	N/A
K	DC PSE switch	CradlePoint	SAQF-D2	N/A
L	Power Supply	Advanced	LPS-305	N/A
M	GPS Simulator	WELNAVIGATE	GS-100	N/A

**For Radiated (below 1GHz):**

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	LAN NB	DELL	E4300	N/A
B	Base station	Anritsu	MT8820C	N/A
C	WAN NB	DELL	E4300	N/A
D	2.4G NB	DELL	E4300	N/A
E	Flash disk3.0	Transcend	JetFlash-700	N/A
F	5G NB	DELL	E4300	N/A
G	GPS Simulator	WELNAVIGATE	GS-100	N/A
H	SIM Card	Anritsu	N/A	N/A
I	Adapter 2	Ktec	KSA-36W-120300D5	N/A

For Radiated (above 1GHz) and RF Conducted:

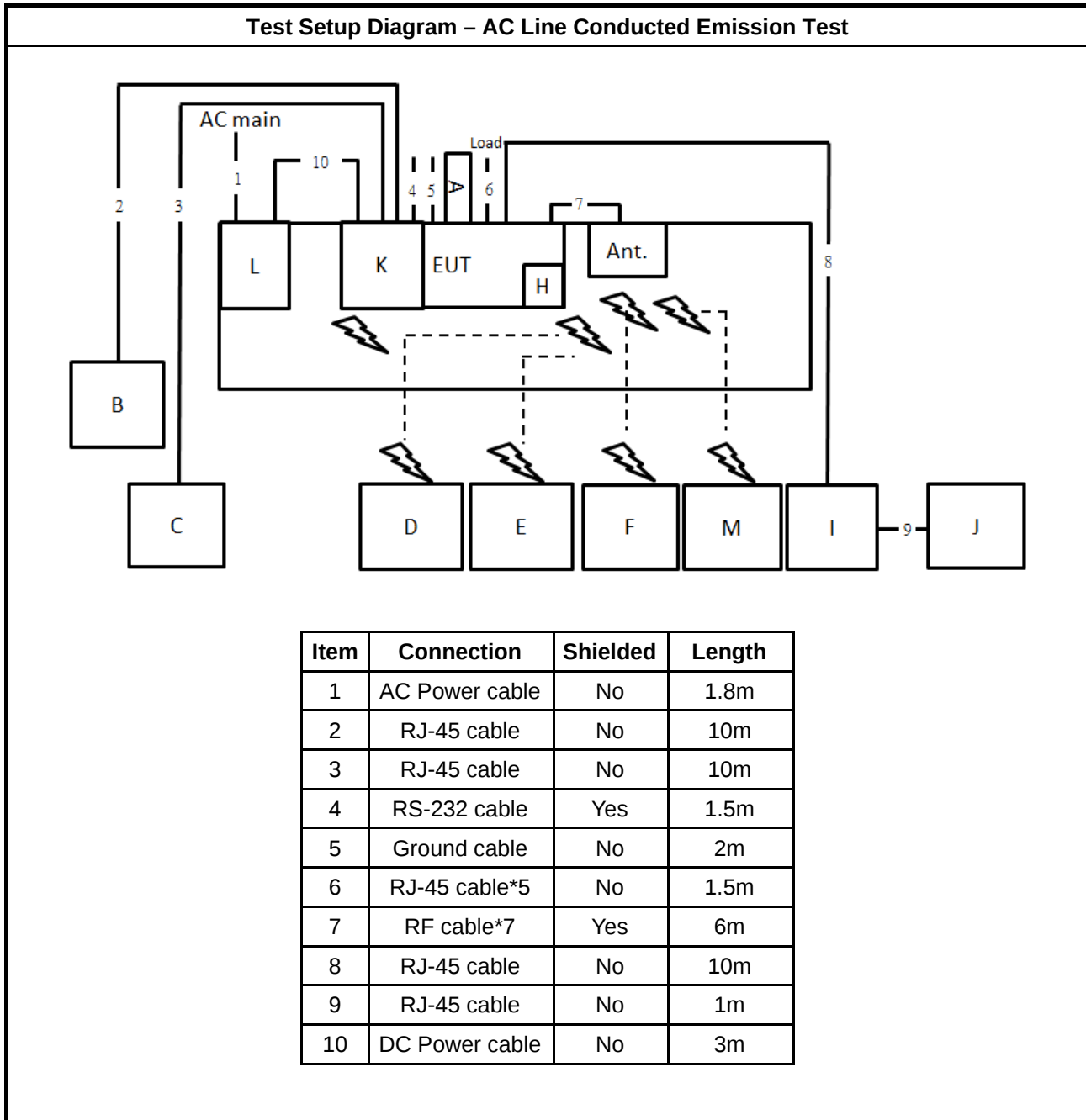
For non-beamforming mode:

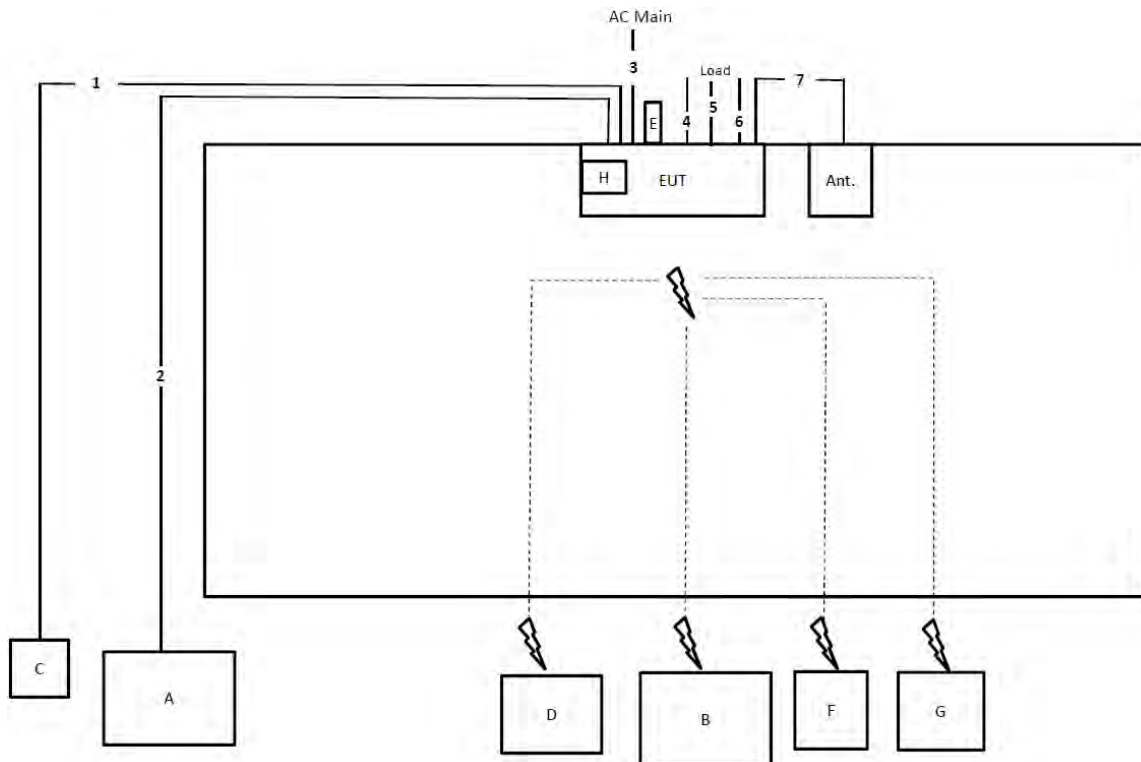
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	Adapter 1	APD	WA-36N12R	N/A

For beamforming mode:

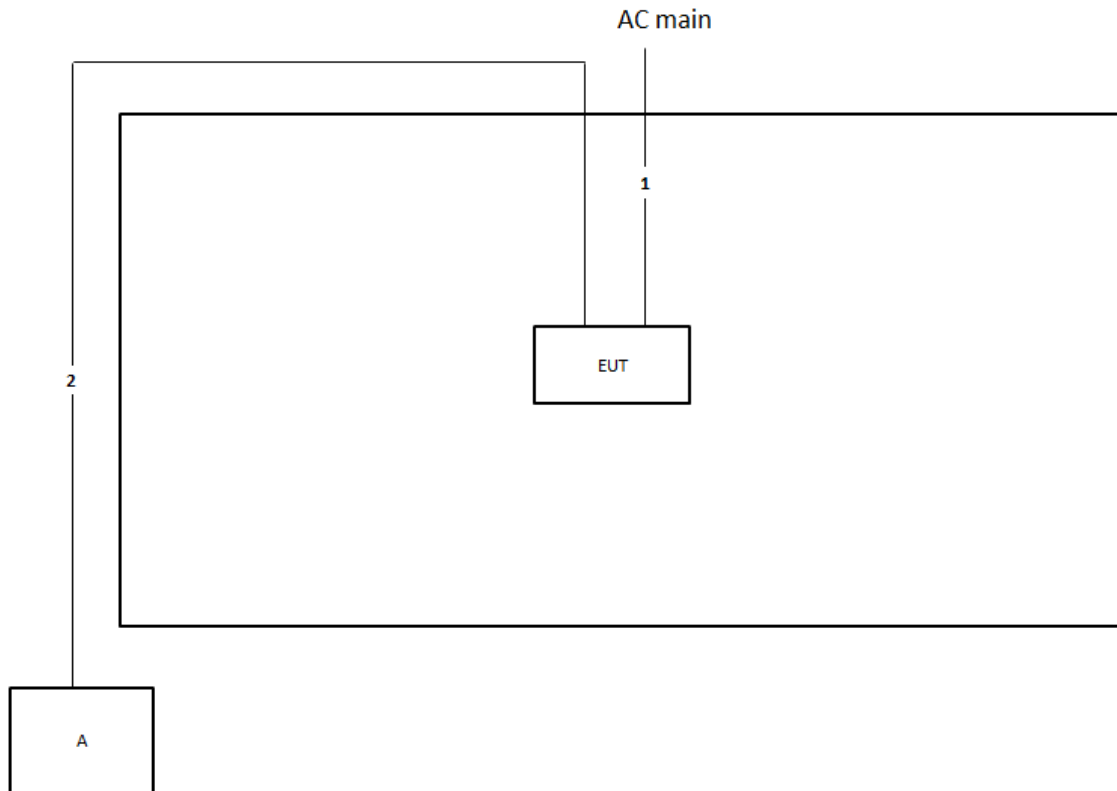
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	NB	DELL	E4300	N/A
C	WLAN AP	WNC	SAQF-D1	N/A
D	Adapter 1	APD	WA-36N12R	N/A

2.6 Test Setup Diagram

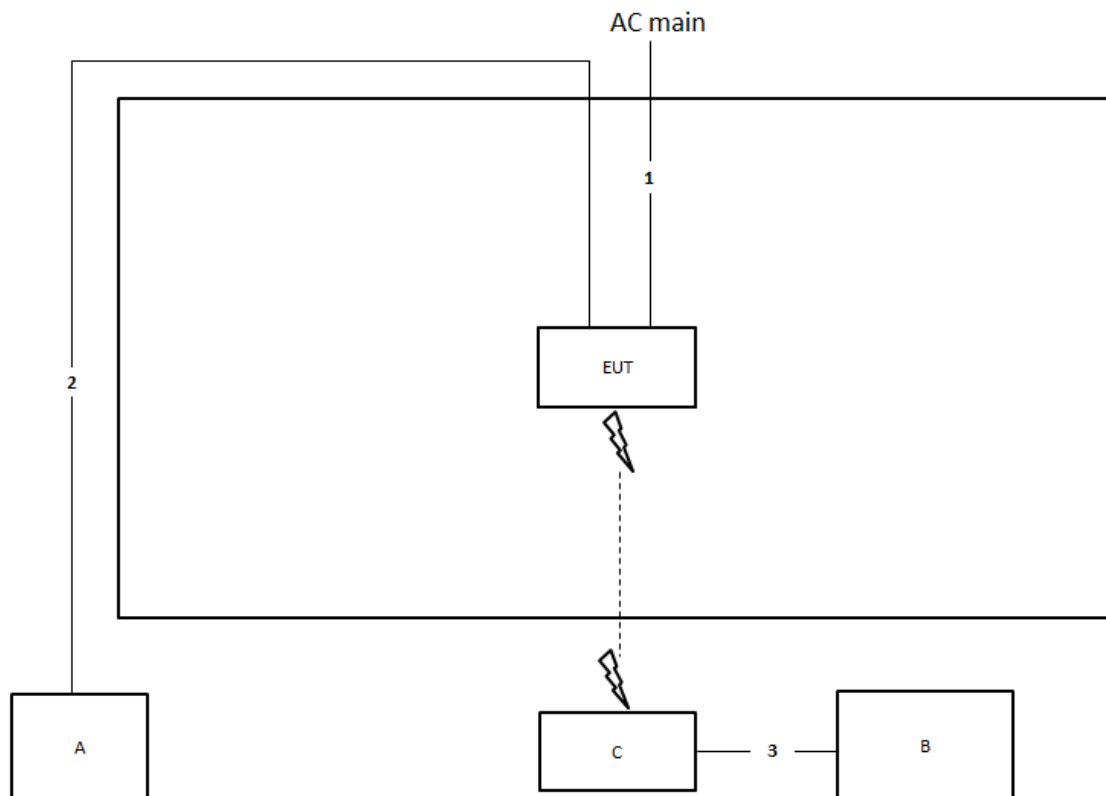


Test Setup Diagram - Radiated Test < 1GHz


Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	RJ-45 cable	No	10m
3	Power cable	No	1.5m
4	RS-232 cable	Yes	1.7m
5	RJ-45 cable*2	No	1.5m
6	Ground cable	No	1.5m
7	RF cable*7	Yes	1.5m

Test Setup Diagram - Radiated Test > 1GHz
For non-beamforming mode:


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

Test Setup Diagram - Radiated Test > 1GHz
For beamforming mode:


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

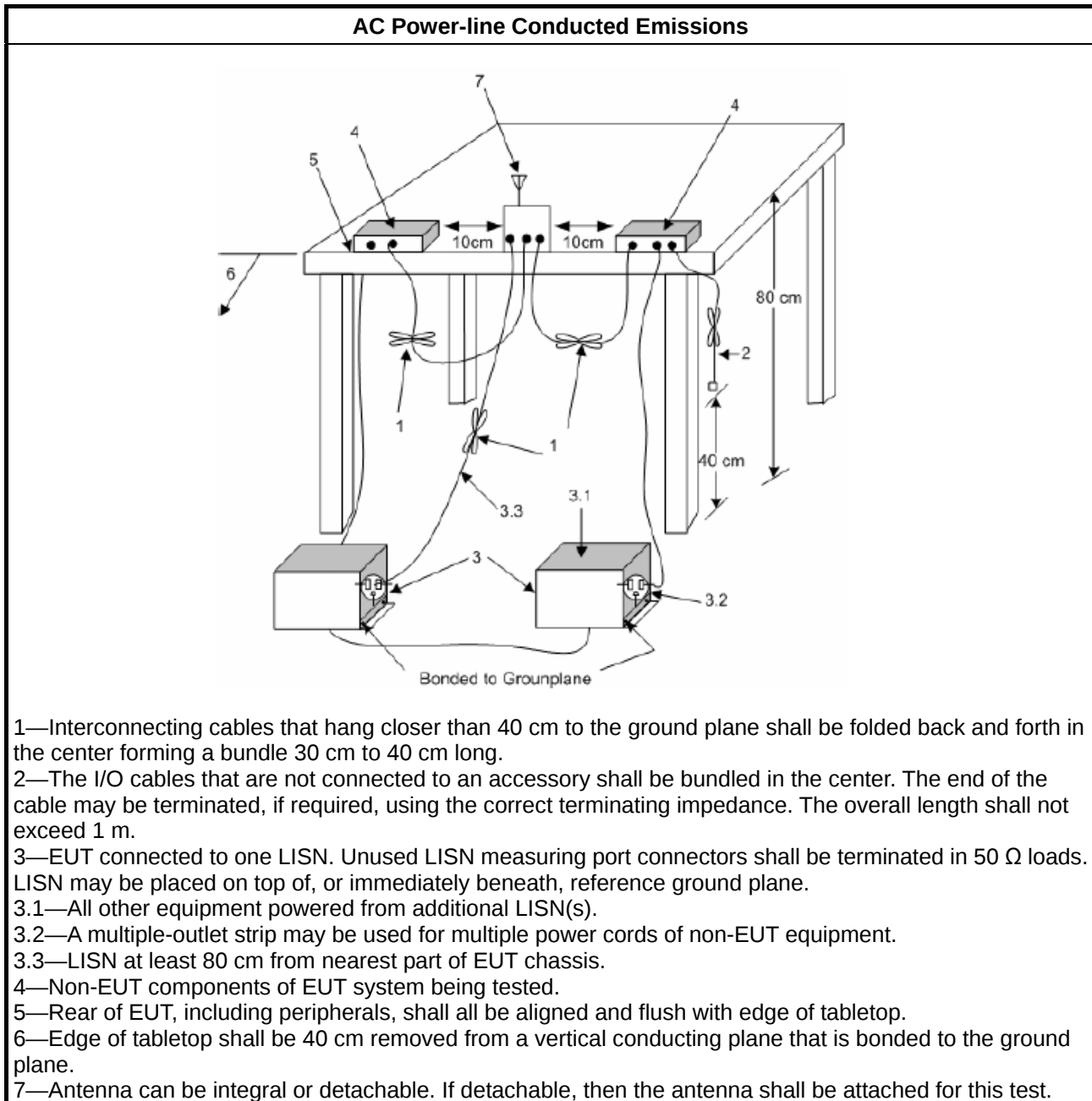
3.1.2 Measuring Instruments

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



3.1.5 Measurement Results Calculation

The measured Level is calculated using:

- Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level
- Margin = -Limit + Level

3.1.6 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 $\geq$ 500 kHz.

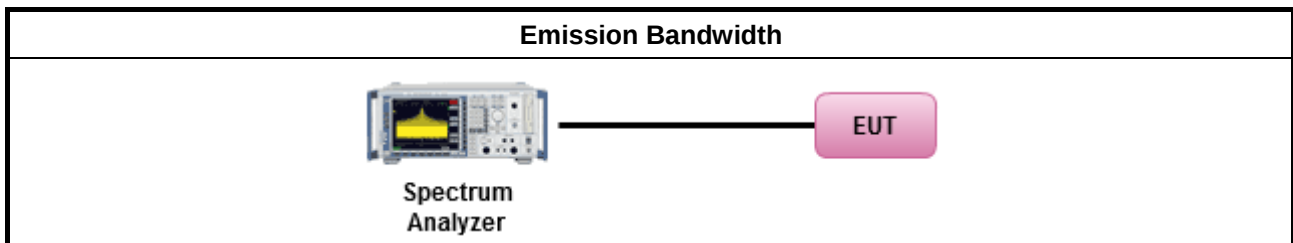
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method
For the emission bandwidth shall be measured using one of the options below:
☒ Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.1 Option 1 for 6 dB bandwidth measurement.
☐ Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.2 Option 2 for 6 dB bandwidth measurement.
☐ Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
▪ Maximum Peak Conducted Output Power	
☐	Refer as FCC KDB 558074, clause 8.3.1.1 & C63.10 clause 11.9.1.1 (RBW $\geq$ EBW method).
☐	Refer as FCC KDB 558074, clause 8.3.1.3 & C63.10 clause 11.9.1.3 (peak power meter).
▪ Maximum Conducted Output Power	
[duty cycle $\geq$ 98% or external video / power trigger]	
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.2 Method AVGSA-1.
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.3 Method AVGSA-1A. (alternative)
duty cycle < 98% and average over on/off periods with duty factor	
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.4 Method AVGSA-2.
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.5 Method AVGSA-2A (alternative)
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.6 Method AVGSA-3
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.7 Method AVGSA-3A (alternative)
Measurement using a power meter (PM)	
☐	Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.1 Method AVGPM (using an RF average power meter).
☒	Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.2 Method AVGPM-G (using an gate RF average power meter).

▪ For conducted measurement.

- If the EUT supports multiple transmit chains using options given below:
Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
- If multiple transmit chains, EIRP calculation could be following as methods:

$$P_{\text{total}} = P_1 + P_2 + \dots + P_n$$
 (calculated in linear unit [mW] and transfer to log unit [dBm])

$$\text{EIRP}_{\text{total}} = P_{\text{total}} + \text{DG}$$

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C



3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

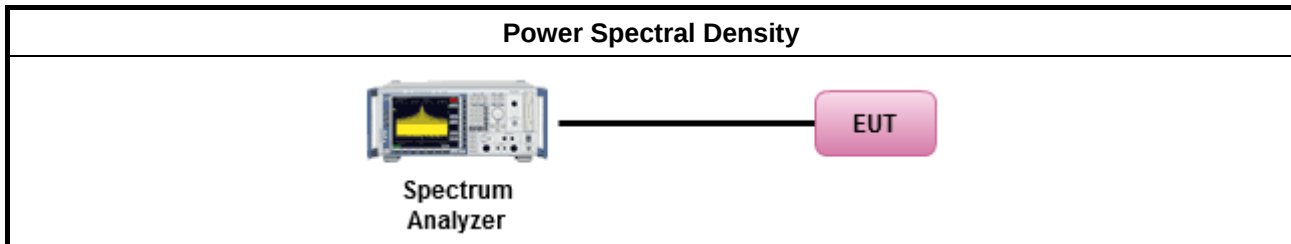
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method	
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).	
☒	Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10 Method Max. PSD.
▪ 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



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

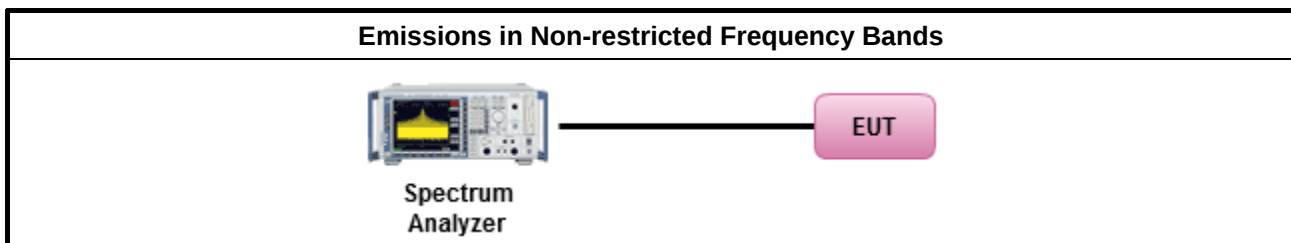
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
Refer as FCC KDB 558074, clause 8.5 for unwanted emissions into non-restricted bands.

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

3.6.2 Measuring Instruments

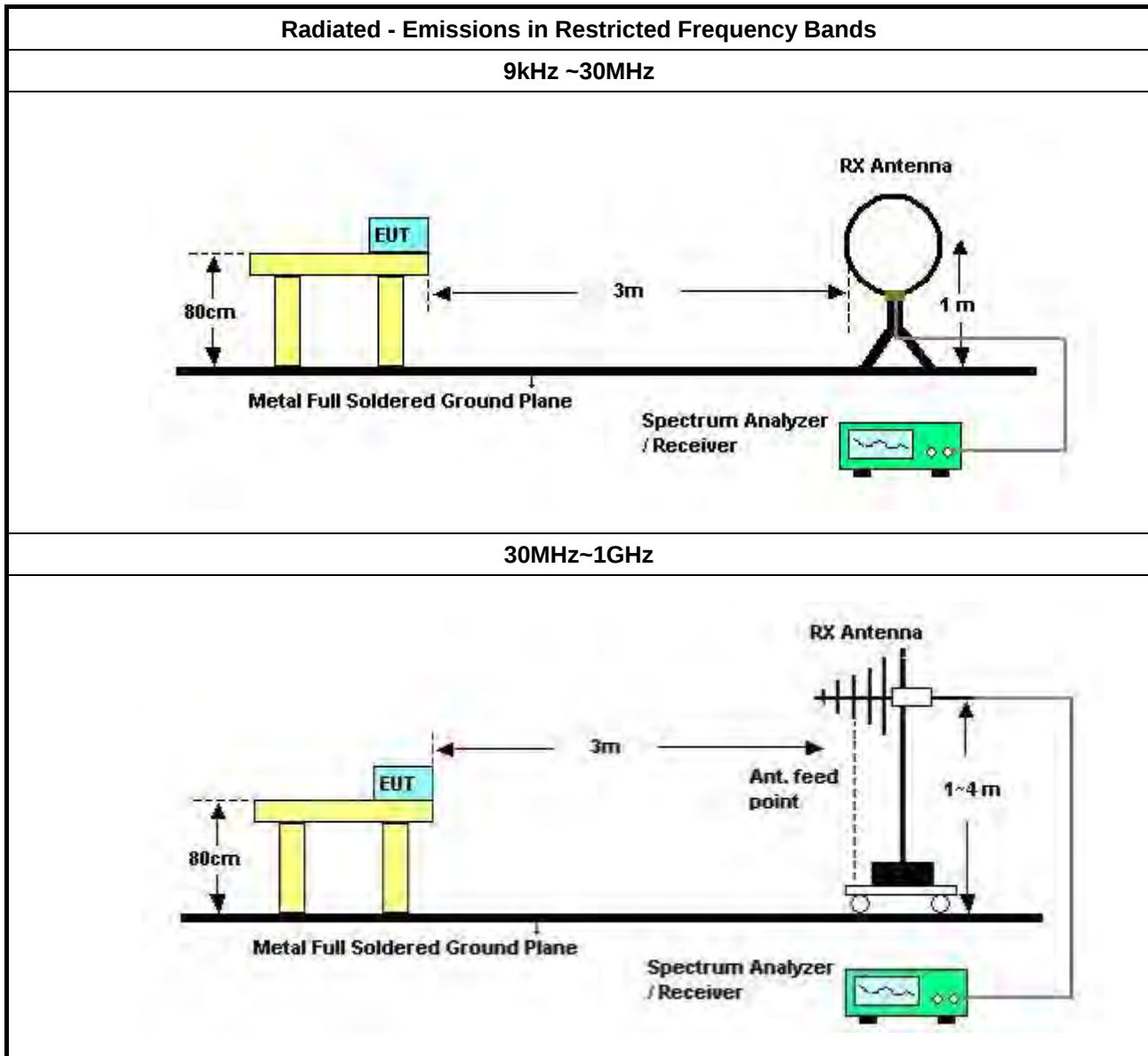
Refer a test equipment and calibration data table in this test report.

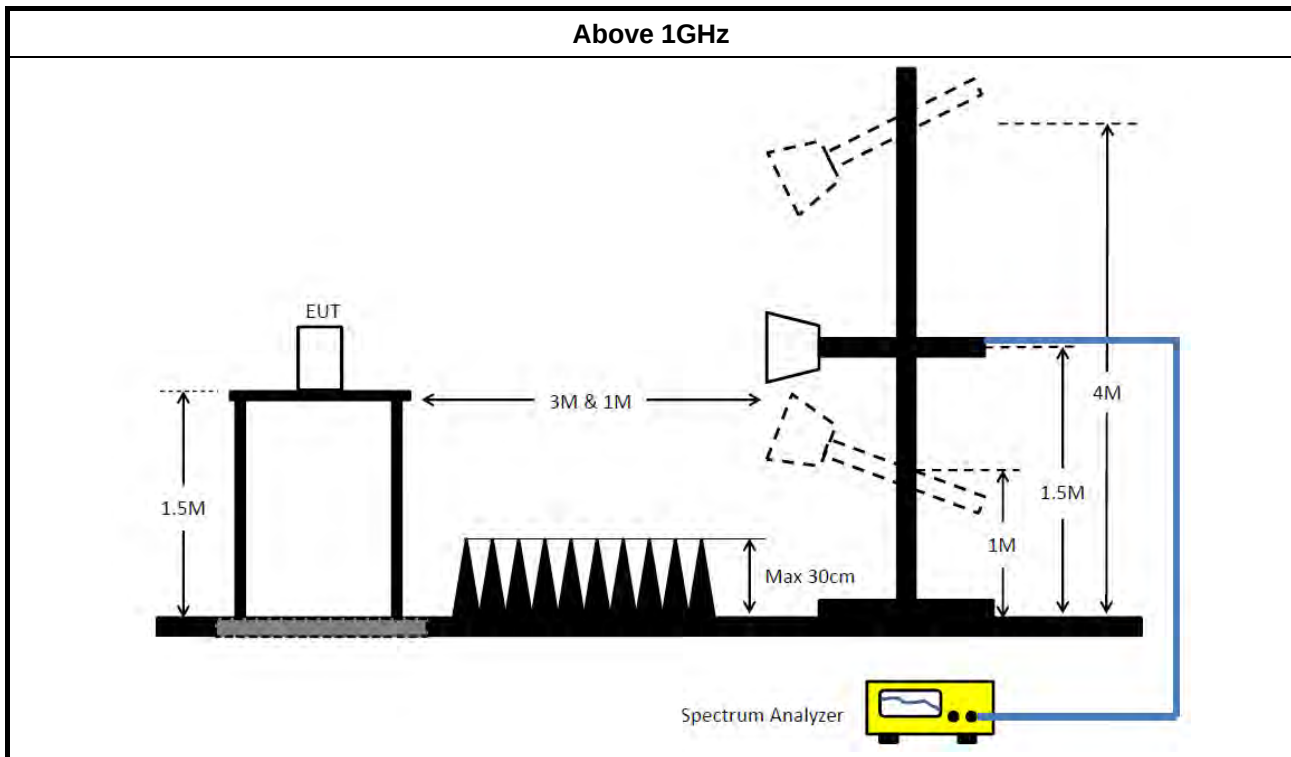


3.6.3 Test Procedures

Test Method	
The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as FCC KDB 558074, clause 8.6 for unwanted emissions into restricted bands.
	☐ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.1(trace averaging for duty cycle $\geq 98\%$).
	☐ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.2(trace averaging + duty factor).
	☒ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.3(Reduced VBW $\geq 1/T$).
	☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW $\geq 1/T$, where T is pulse time.
	☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
	☒ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.4 measurement procedure peak limit.
For the transmitter band-edge emissions shall be measured using following options below:	
	Refer as FCC KDB 558074 clause 8.7 & C63.10 clause 11.13.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.
	Refer as FCC KDB 558074, clause 8.7 (ANSI C63.10, clause 6.10.6) for marker-delta method for band-edge measurements.
	Refer as FCC KDB 558074, clause 8.7 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).
	For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB
	For FCC KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.

3.6.4 Test Setup





3.6.5 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA)(if applicable) = Level.

3.6.6 Emissions in Restricted Frequency Bands (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.

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 10th harmonic or 40 GHz, whichever is appropriate.

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Feb. 26, 2020	Feb. 25, 2021	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Dec. 25, 2019	Dec. 24, 2020	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Feb. 25, 2020	Feb. 24, 2021	Conduction (CO01-CB)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Jan. 31, 2020	Jan. 30, 2021	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 20, 2020	May 19, 2021	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH04-CB	30 MHz ~ 1 GHz	Aug. 08, 2020	Aug. 07, 2021	Radiation (03CH04-CB)
BILOG ANTENNA with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	22021&AT-N06 07	30MHz ~ 1GHz	Oct. 11, 2020	Oct. 10, 2021	Radiation (03CH04-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 13, 2020	Apr. 12, 2021	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	310N	187291	0.1MHz ~ 1GHz	Mar. 19, 2020	Mar. 18, 2021	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Dec. 18, 2019	Dec. 17, 2020	Radiation (03CH04-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 13, 2020	May 12, 2021	Radiation (03CH04-CB)
RF Cable-low	Woken	RG402	Low Cable-03+67	30MHz ~ 1GHz	Nov. 05, 2020	Nov. 04, 2021	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH04-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 10, 2020	Aug. 09, 2021	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 27, 2020	Mar. 26, 2021	Radiation (03CH05-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 13, 2020	Apr. 12, 2021	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 28, 2020	Apr. 27, 2021	Radiation (03CH05-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	May 12, 2020	May 11, 2021	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 13, 2020	May 12, 2021	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH05-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 02, 2020	Oct. 01, 2021	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Jul. 22, 2020	Jul. 21, 2021	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	May 07, 2020	May 06, 2021	Radiation (03CH06-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH06-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	May 12, 2020	May 11, 2021	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05	1GHz~18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+24	1GHz~18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Jul. 27, 2020	Jul. 26, 2021	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Sep. 17, 2020	Sep. 16, 2021	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Sep. 17, 2020	Sep. 16, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH02-CB)

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

NCR means Non-Calibration required.



AC Power Port Conducted Emission Result

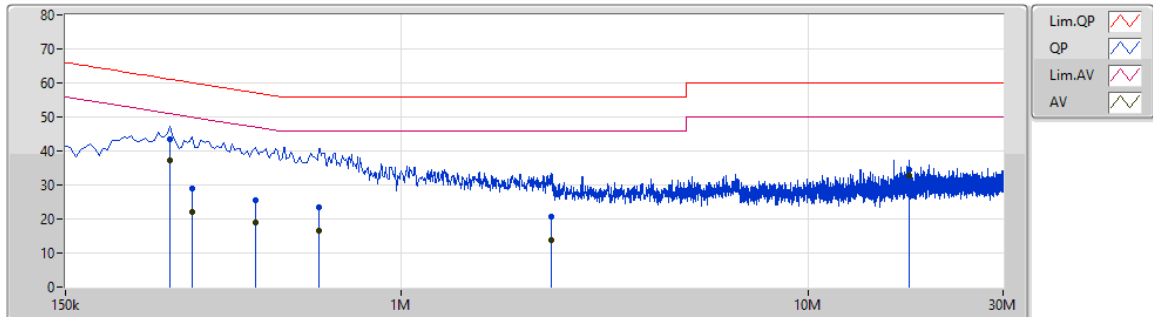
Appendix A

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition
Mode 1	Pass	AV	271.5k	37.25	51.07	-13.82	9.89	Line

Mode 1

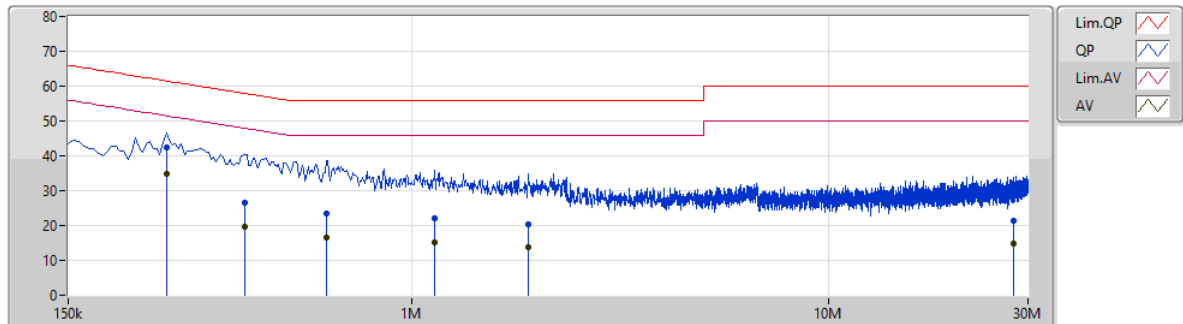
18/11/2020



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	271.5k	43.37	61.07	-17.70	9.89	Line	-	33.48	0.04	0.03	9.82			
AV	271.5k	37.25	51.07	-13.82	9.89	Line	"Worst"	27.36	0.04	0.03	9.82			
QP	307.5k	28.95	60.03	-31.08	9.90	Line	-	19.05	0.04	0.03	9.83			
AV	307.5k	22.00	50.03	-28.03	9.90	Line	-	12.10	0.04	0.03	9.83			
QP	438k	25.61	57.11	-31.50	9.90	Line	-	15.71	0.04	0.03	9.83			
AV	438k	18.89	47.11	-28.22	9.90	Line	-	8.99	0.04	0.03	9.83			
QP	627k	23.47	56.00	-32.53	9.90	Line	-	13.57	0.04	0.03	9.83			
AV	627k	16.53	46.00	-29.47	9.90	Line	-	6.63	0.04	0.03	9.83			
QP	2.342M	20.57	56.00	-35.43	10.01	Line	-	10.56	0.07	0.08	9.86			
AV	2.342M	13.75	46.00	-32.25	10.01	Line	-	3.74	0.07	0.08	9.86			
QP	17.696M	34.50	60.00	-25.50	10.48	Line	-	24.02	0.23	0.29	9.96			
AV	17.696M	32.86	50.00	-17.14	10.48	Line	-	22.38	0.23	0.29	9.96			

Mode 1

18/11/2020



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	258k	42.38	61.49	-19.11	9.89	Neutral	-	32.49	0.04	0.03	9.82			
AV	258k	34.97	51.49	-16.52	9.89	Neutral	"Worst"	25.08	0.04	0.03	9.82			
QP	397.5k	26.50	57.91	-31.41	9.90	Neutral	-	16.60	0.04	0.03	9.83			
AV	397.5k	19.69	47.91	-28.22	9.90	Neutral	-	9.79	0.04	0.03	9.83			
QP	622.5k	23.43	56.00	-32.57	9.91	Neutral	-	13.52	0.05	0.03	9.83			
AV	622.5k	16.64	46.00	-29.36	9.91	Neutral	-	6.73	0.05	0.03	9.83			
QP	1.136M	22.17	56.00	-33.83	9.95	Neutral	-	12.22	0.06	0.05	9.84			
AV	1.136M	15.31	46.00	-30.69	9.95	Neutral	-	5.36	0.06	0.05	9.84			
QP	1.896M	20.45	56.00	-35.55	10.00	Neutral	-	10.45	0.07	0.07	9.86			
AV	1.896M	13.67	46.00	-32.33	10.00	Neutral	-	3.67	0.07	0.07	9.86			
QP	27.654M	21.34	60.00	-38.66	10.65	Neutral	-	10.69	0.31	0.31	10.03			
AV	27.654M	15.00	50.00	-35.00	10.65	Neutral	-	4.35	0.31	0.31	10.03			

For non-beamforming mode:

For Set 1:

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	10.05M	25.987M	26M0G1D	7.075M	13.093M
802.11g_Nss1,(6Mbps)_2TX	16.3M	33.133M	33M1D1D	15.475M	16.367M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.975M	33.208M	33M2D1D	16.1M	18.866M
802.11ax HEW40_Nss1,(MCS0)_2TX	38.15M	37.831M	37M8D1D	33.85M	37.631M

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

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

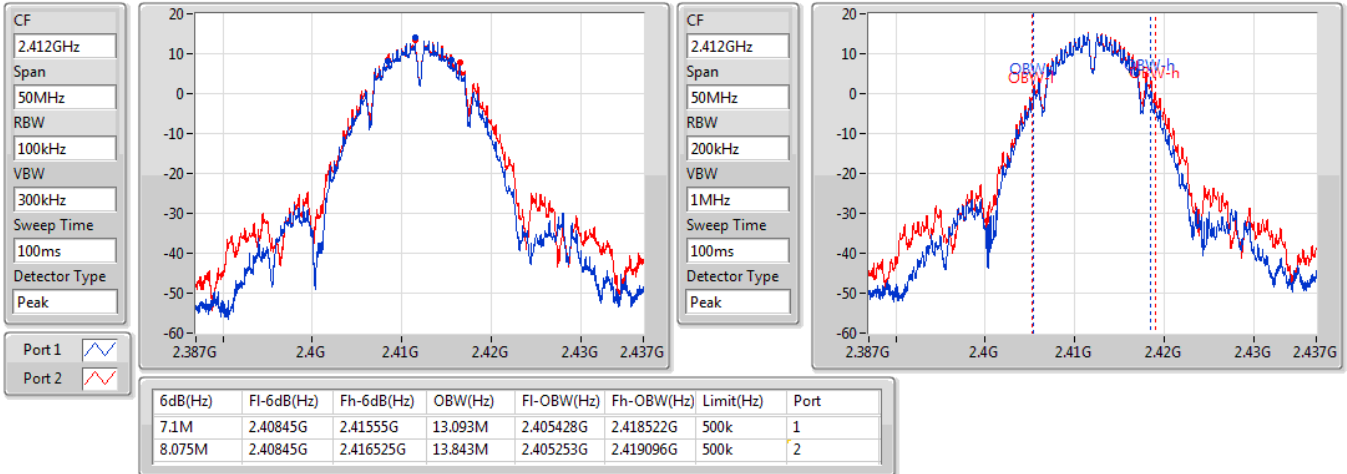
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	7.1M	13.093M	8.075M	13.843M
2437MHz	Pass	500k	7.075M	15.392M	10.05M	25.987M
2462MHz	Pass	500k	8.05M	13.793M	9.1M	15.167M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.7M	16.367M	15.475M	16.392M
2437MHz	Pass	500k	16.3M	26.087M	16.3M	33.133M
2462MHz	Pass	500k	15.65M	16.367M	16.025M	16.367M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.825M	18.916M	16.1M	18.866M
2437MHz	Pass	500k	18.8M	24.263M	18.975M	33.208M
2462MHz	Pass	500k	17.85M	18.941M	18.475M	18.941M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.95M	37.781M	33.85M	37.681M
2437MHz	Pass	500k	37.35M	37.681M	38.15M	37.831M
2452MHz	Pass	500k	37.65M	37.681M	37.3M	37.631M

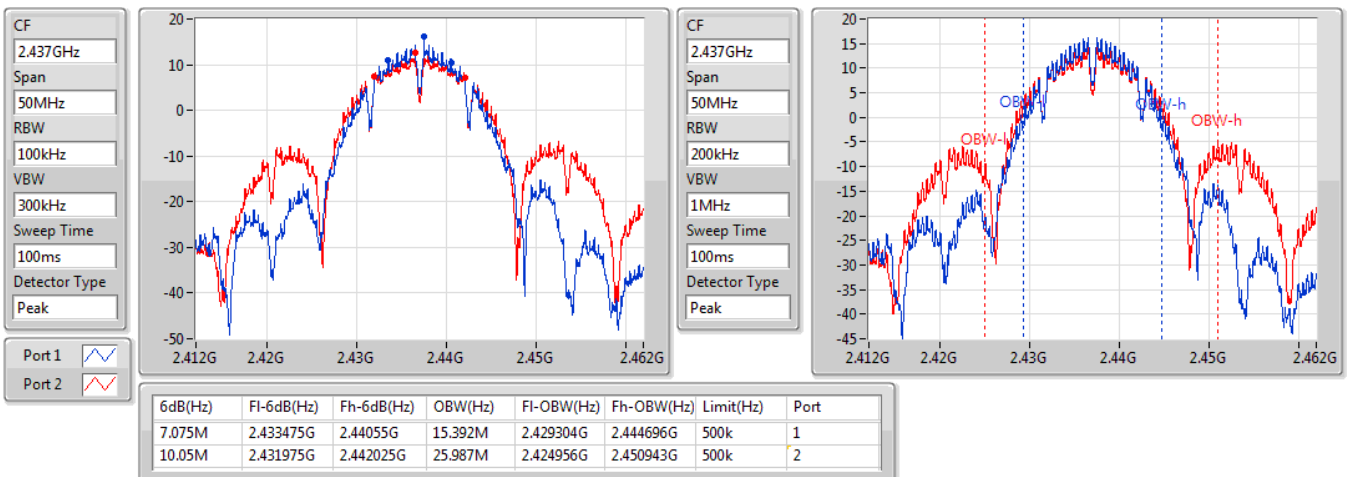
Port X-N dB = Port X 6dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

802.11b_Nss1,(1Mbps)_2TX
EBW
2412MHz

14/11/2020

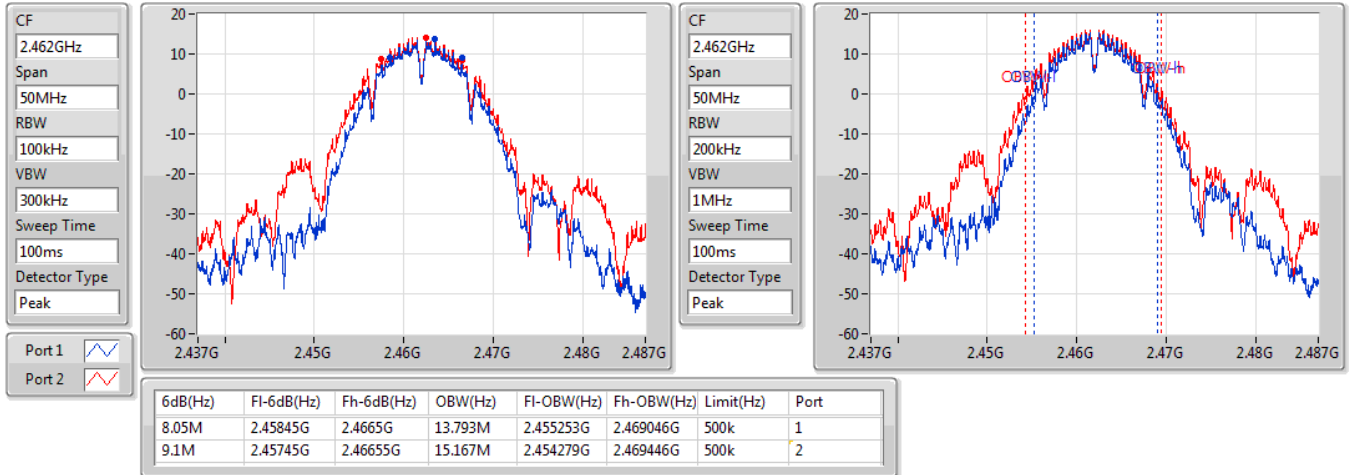

802.11b_Nss1,(1Mbps)_2TX
EBW
2437MHz

14/11/2020

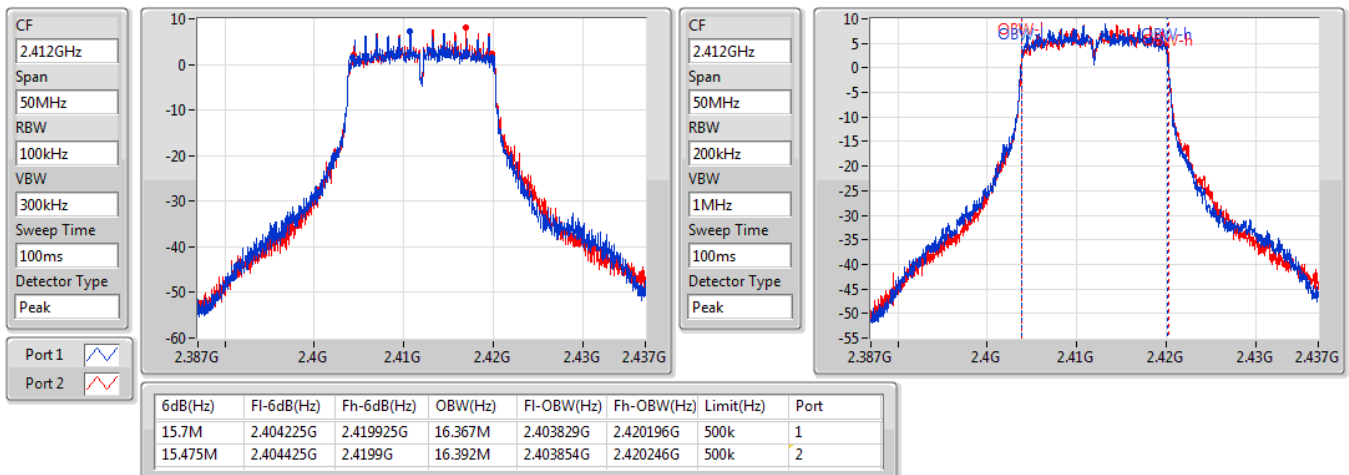


802.11b_Nss1,(1Mbps)_2TX
EBW
2462MHz

14/11/2020

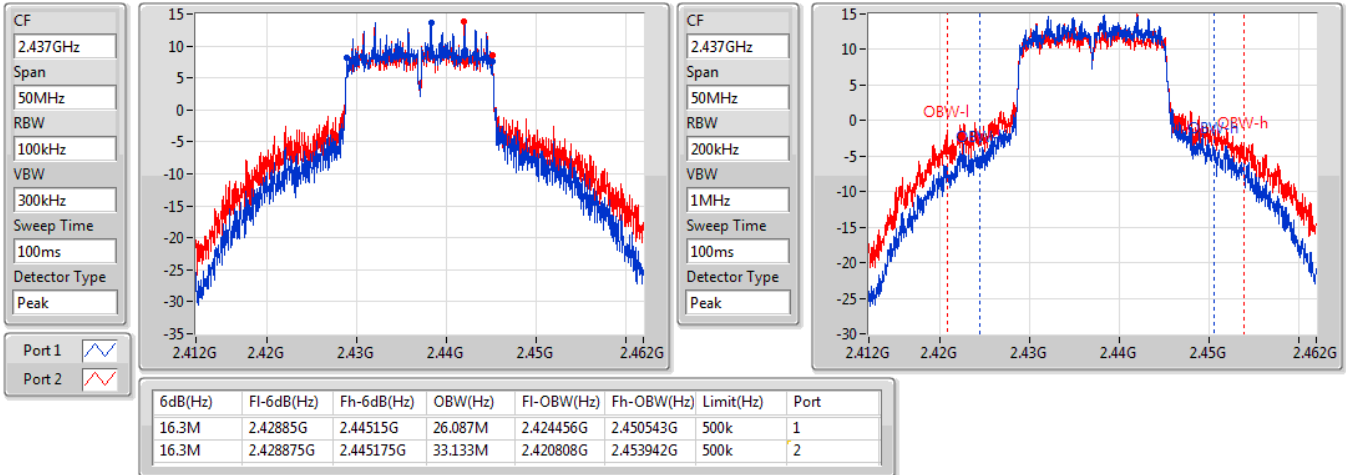

802.11g_Nss1,(6Mbps)_2TX
EBW
2412MHz

14/11/2020

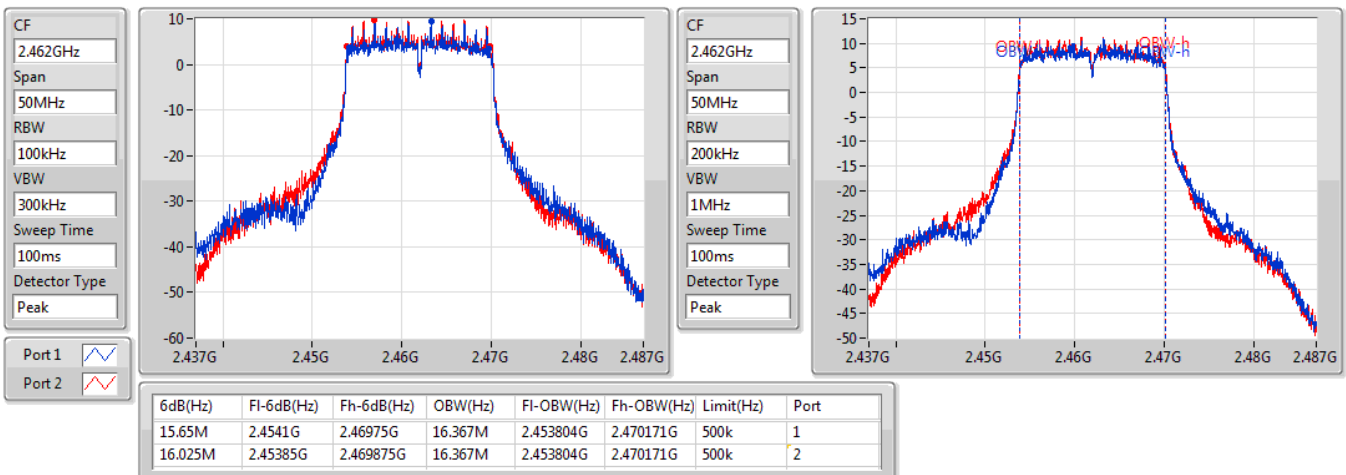


802.11g_Nss1,(6Mbps)_2TX
EBW
2437MHz

14/11/2020

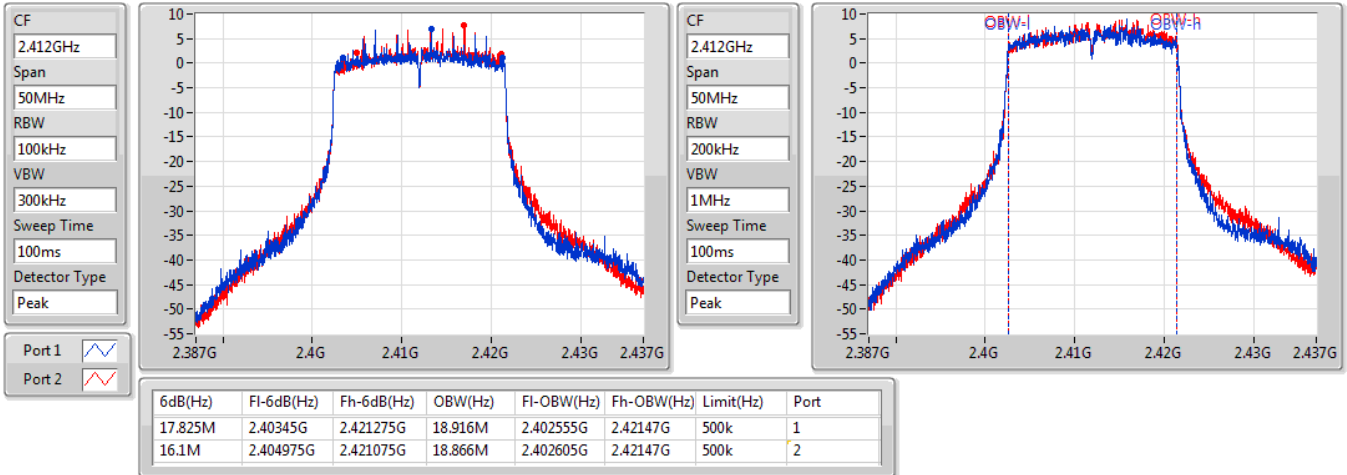

802.11g_Nss1,(6Mbps)_2TX
EBW
2462MHz

14/11/2020

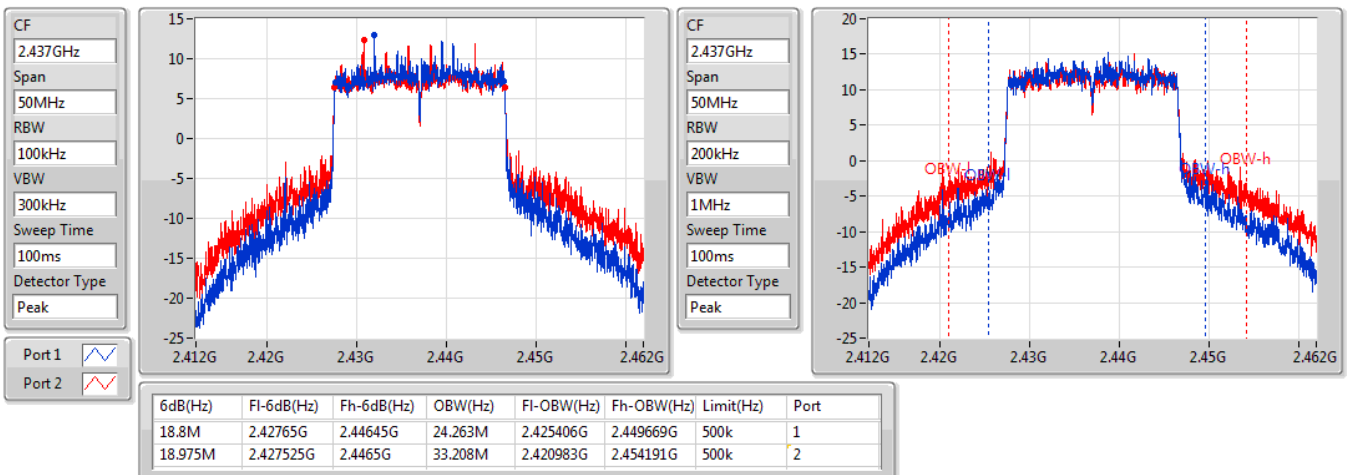


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
2412MHz

14/11/2020

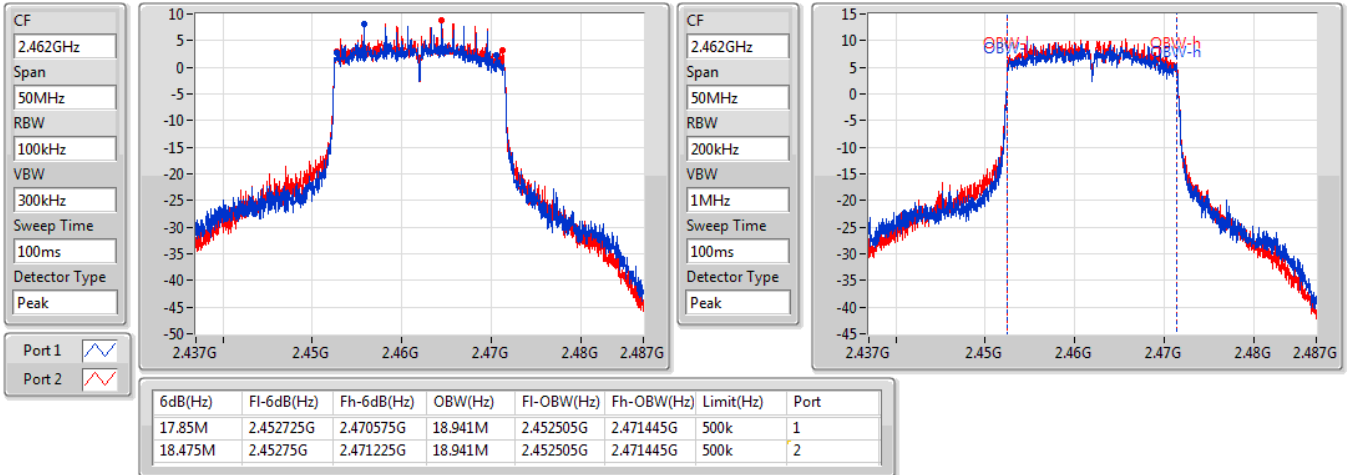

802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
2437MHz

14/11/2020

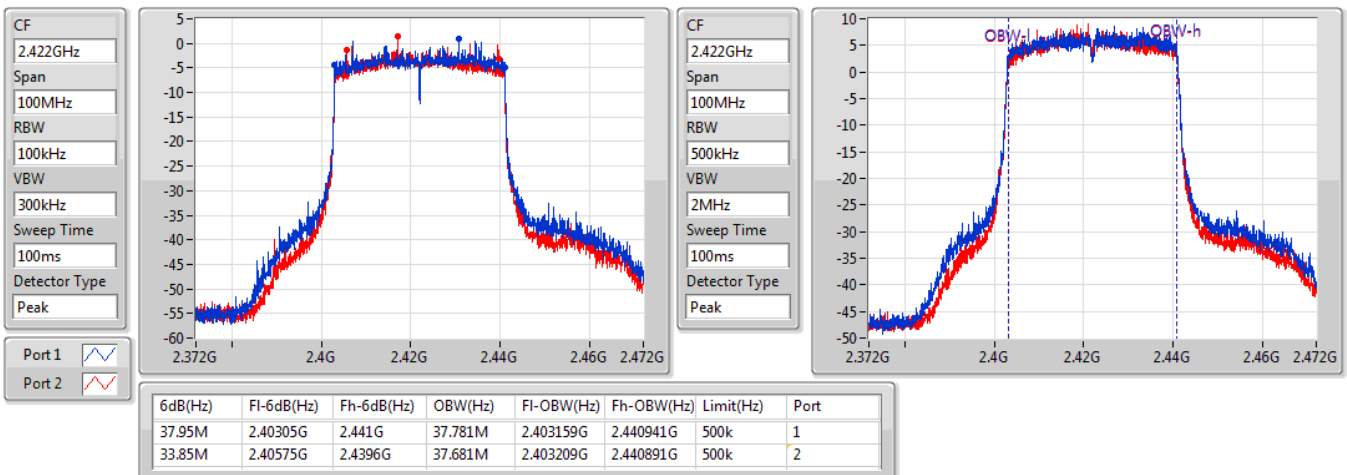


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
2462MHz

14/11/2020


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
2422MHz

14/11/2020

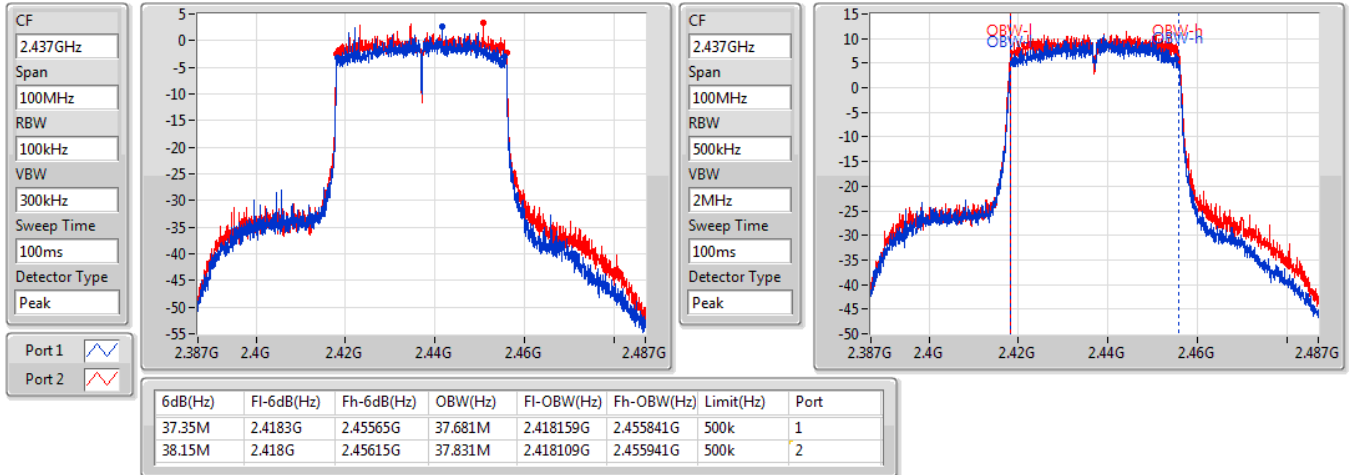


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2437MHz

14/11/2020

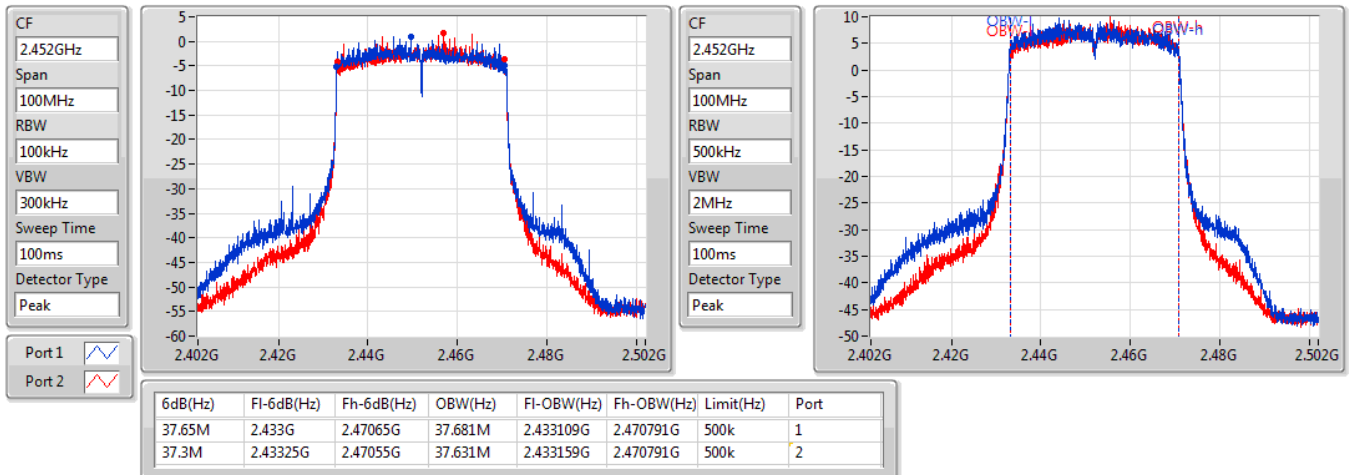


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2452MHz

14/11/2020



For non-beamforming mode:

For Set 2:

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	9.75M	16.992M	17M0G1D	7.075M	12.944M
802.11g_Nss1,(6Mbps)_2TX	16.3M	30.61M	30M6D1D	15.3M	16.392M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.8M	24.513M	24M5D1D	17.125M	18.866M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.75M	37.831M	37M8D1D	36.55M	37.631M

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

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

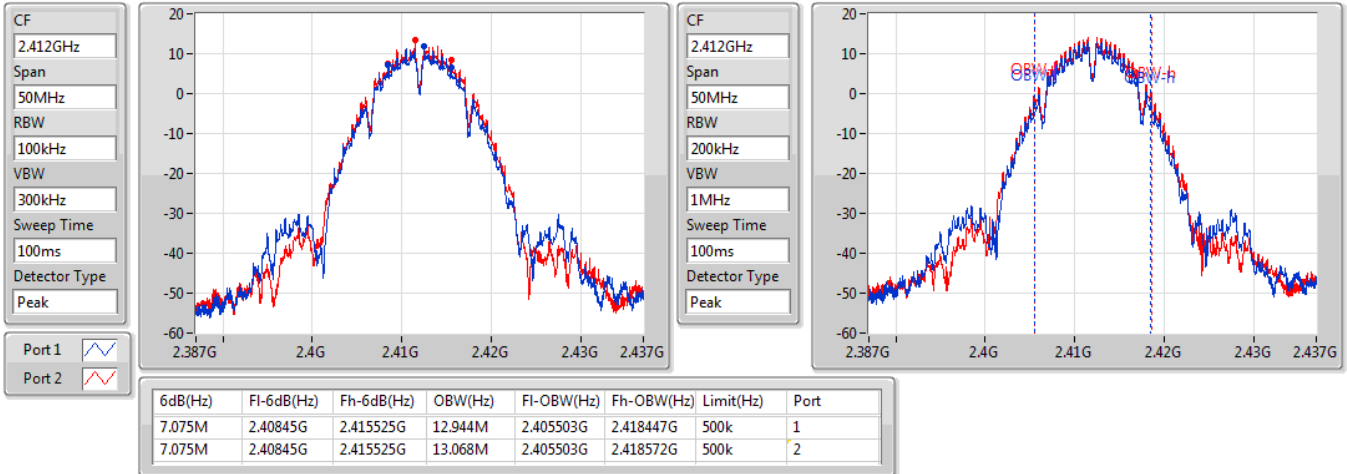
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	7.075M	12.944M	7.075M	13.068M
2437MHz	Pass	500k	8.05M	13.468M	9.75M	16.992M
2462MHz	Pass	500k	7.525M	13.443M	7.575M	13.343M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.675M	16.392M	16.3M	16.392M
2437MHz	Pass	500k	16.275M	19.565M	16.25M	30.61M
2462MHz	Pass	500k	15.3M	16.442M	16.05M	16.517M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.5M	18.916M	17.975M	18.891M
2437MHz	Pass	500k	18.6M	19.14M	18.8M	24.513M
2462MHz	Pass	500k	17.125M	18.866M	17.125M	18.891M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	36.55M	37.731M	37.7M	37.731M
2437MHz	Pass	500k	36.9M	37.631M	37.75M	37.831M
2452MHz	Pass	500k	37.65M	37.681M	36.85M	37.681M

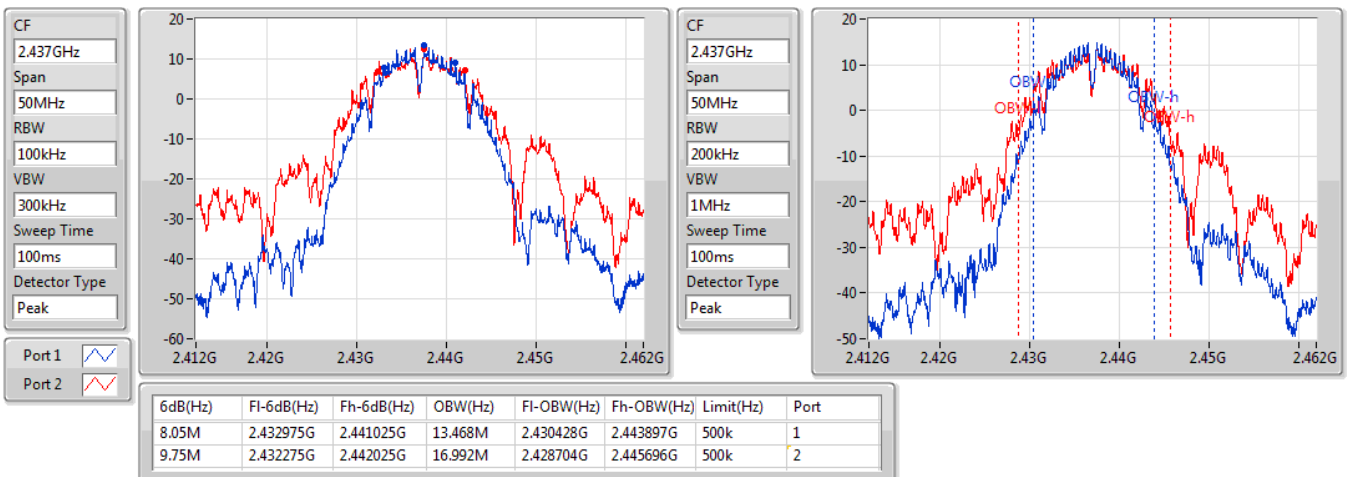
Port X-N dB = Port X 6dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

802.11b_Nss1,(1Mbps)_2TX
EBW
2412MHz

19/11/2020

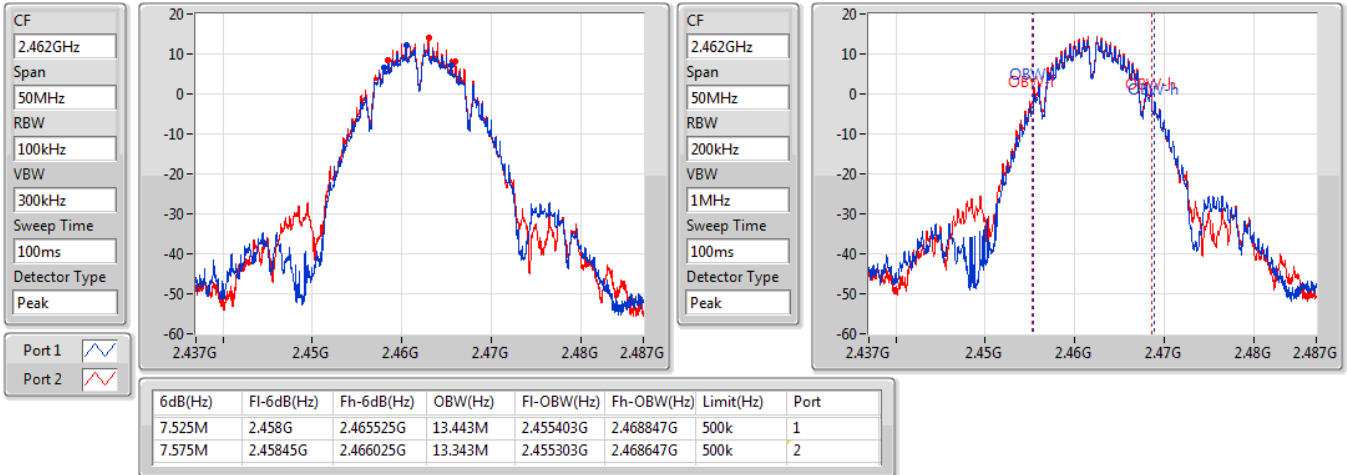

802.11b_Nss1,(1Mbps)_2TX
EBW
2437MHz

19/11/2020

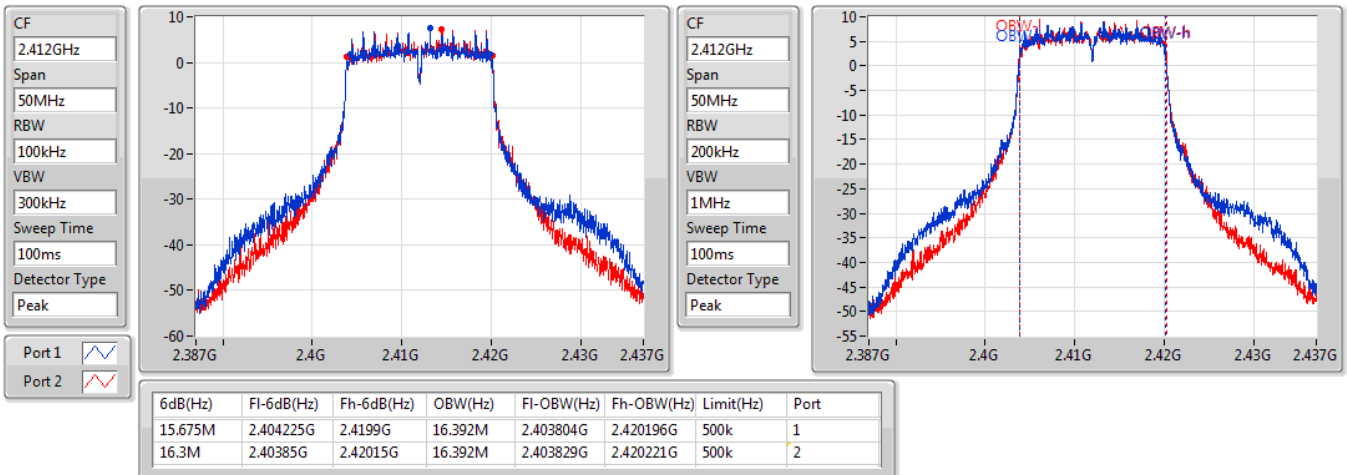


802.11b_Nss1,(1Mbps)_2TX
EBW
2462MHz

19/11/2020

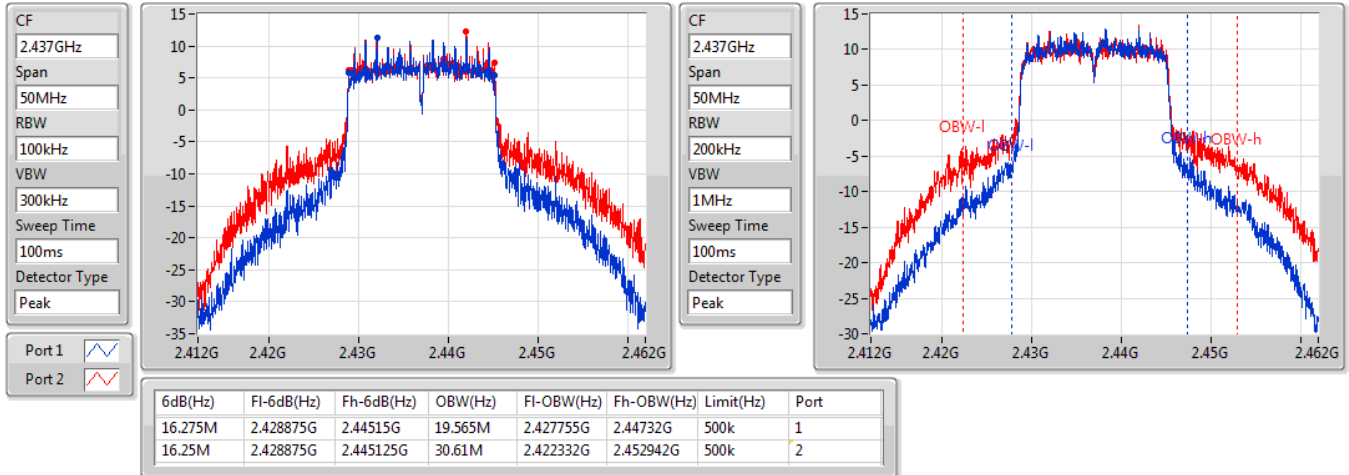

802.11g_Nss1,(6Mbps)_2TX
EBW
2412MHz

19/11/2020

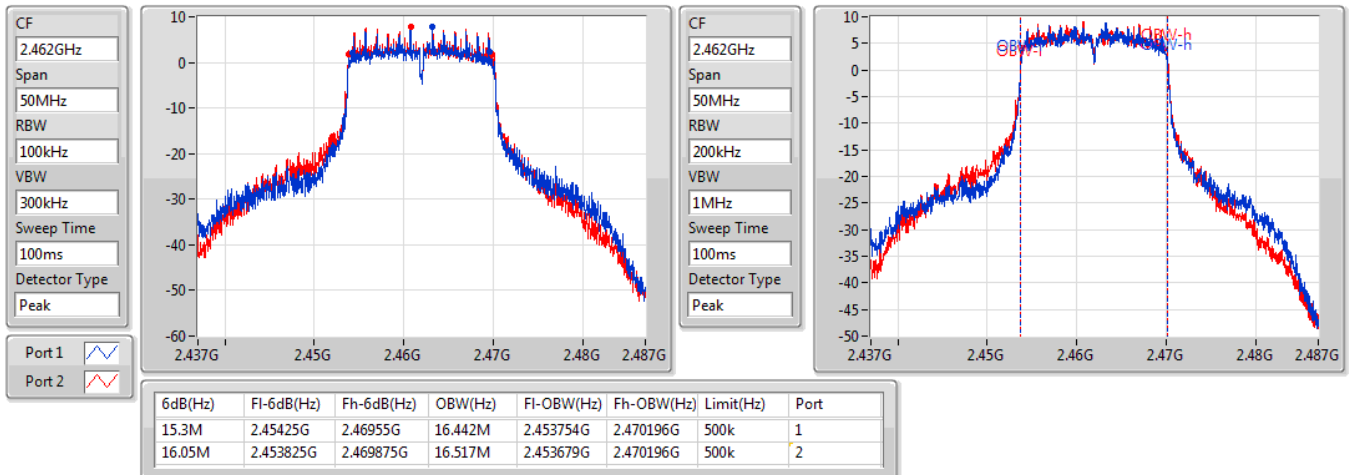


802.11g_Nss1,(6Mbps)_2TX
EBW
2437MHz

19/11/2020

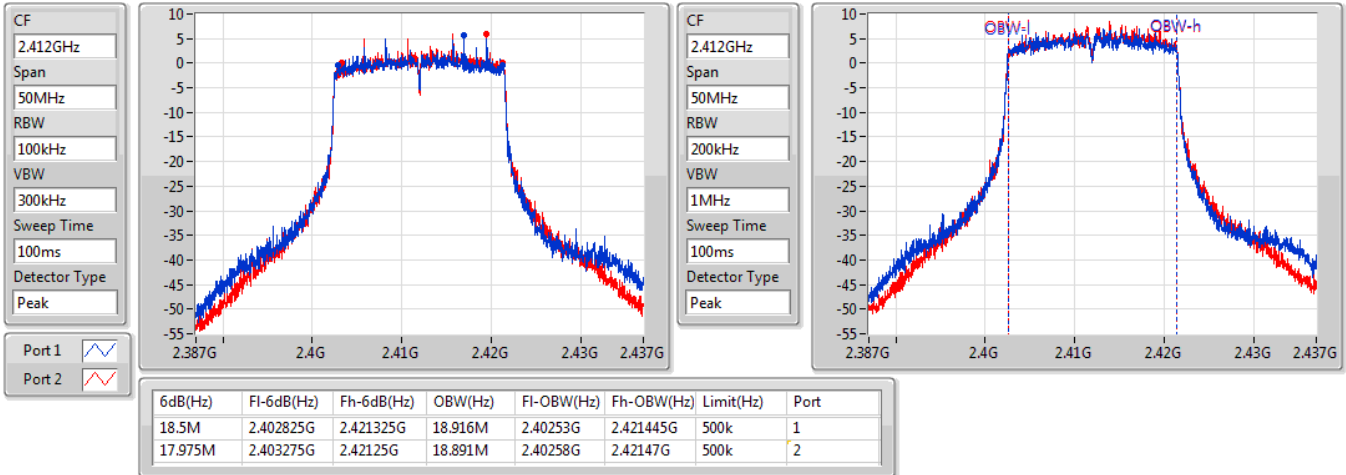

802.11g_Nss1,(6Mbps)_2TX
EBW
2462MHz

19/11/2020

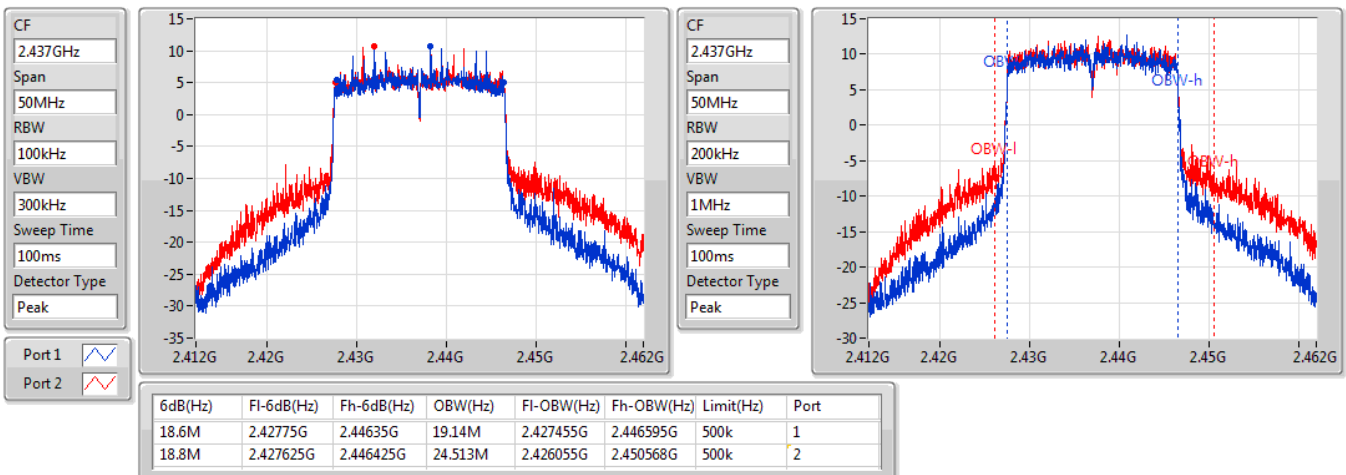


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
2412MHz

19/11/2020

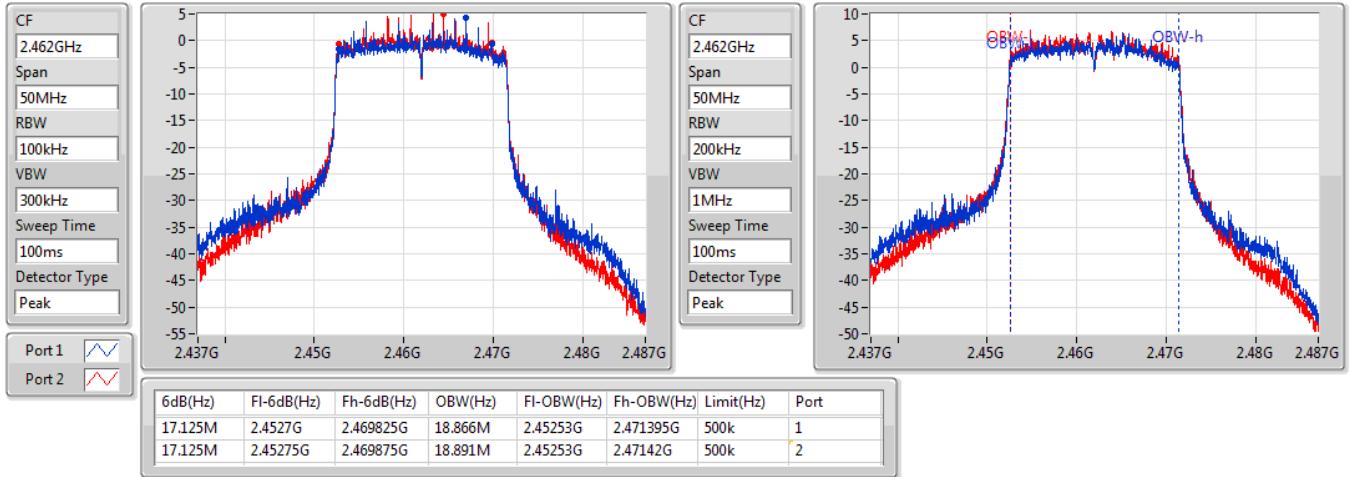

802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
2437MHz

19/11/2020

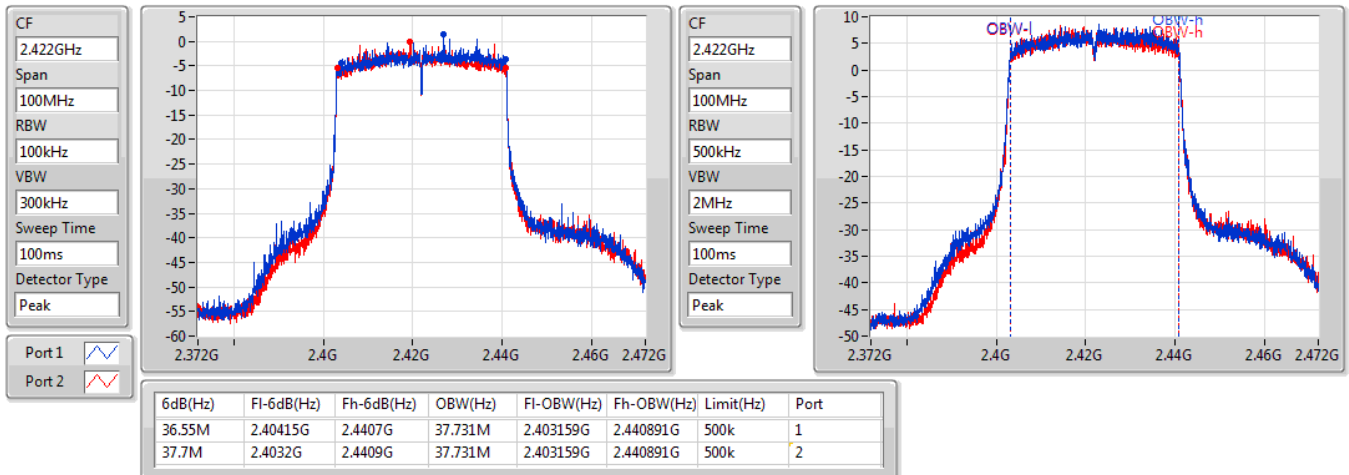


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
2462MHz

19/11/2020

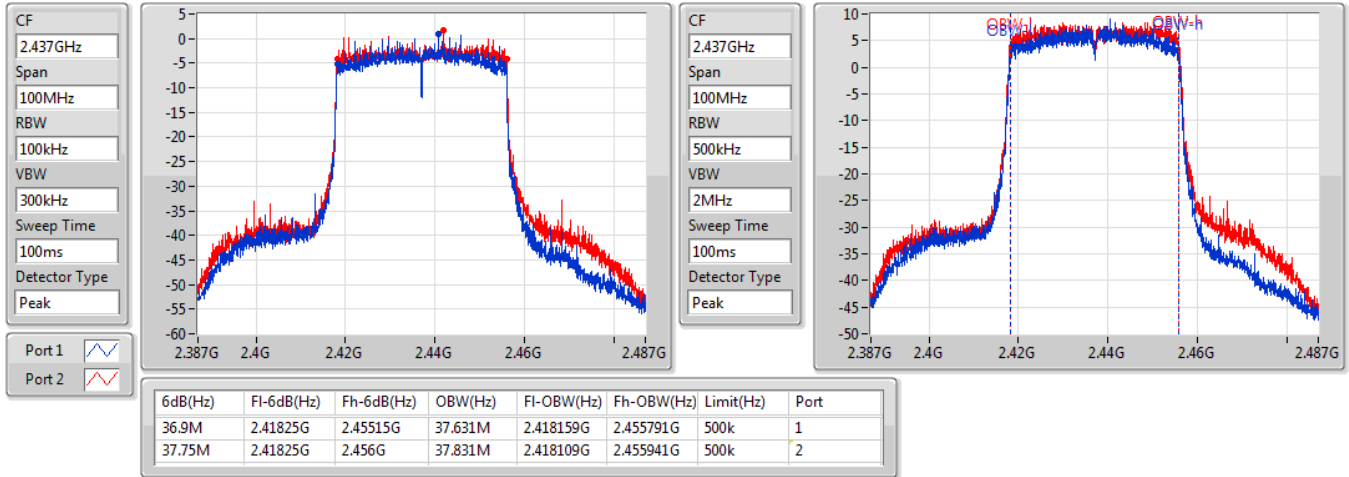

802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
2422MHz

19/11/2020

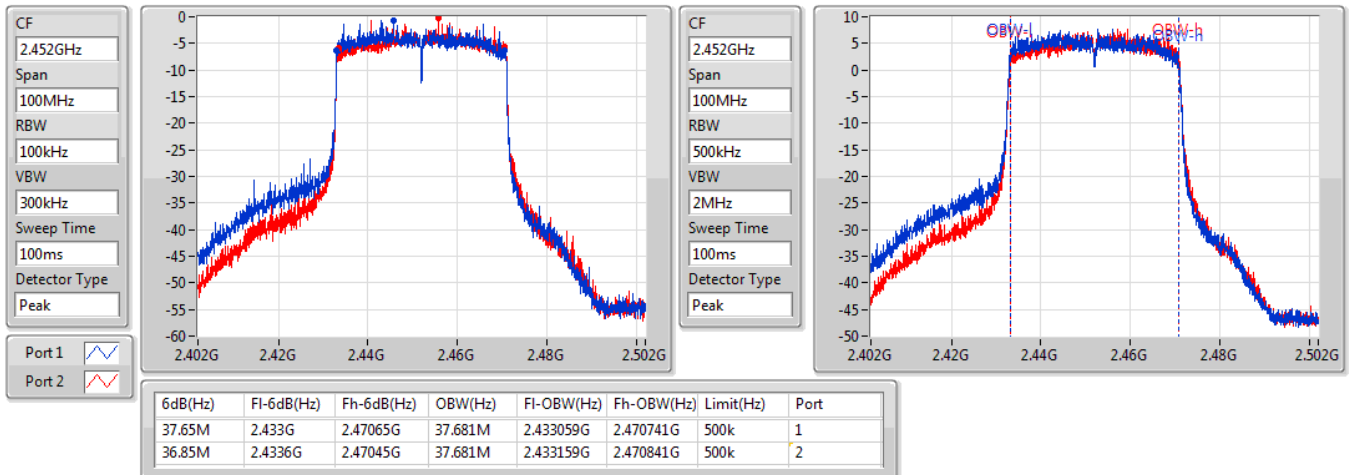


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
2437MHz

19/11/2020


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
2452MHz

19/11/2020



For beamforming mode:

For Set 1:

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	18.45M	18.891M	18M9D1D	15.05M	18.841M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	35.8M	37.831M	37M8D1D	22.25M	37.631M

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

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

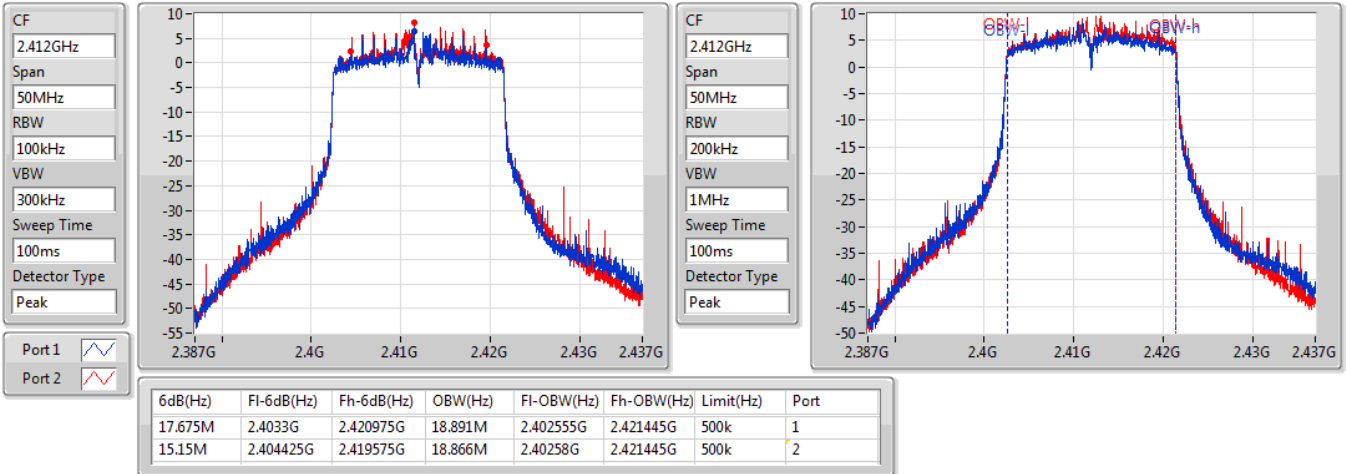
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.675M	18.891M	15.15M	18.866M
2437MHz	Pass	500k	15.075M	18.841M	15.05M	18.891M
2462MHz	Pass	500k	15.125M	18.841M	18.45M	18.891M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	32.55M	37.781M	33.8M	37.731M
2437MHz	Pass	500k	22.25M	37.631M	31.2M	37.831M
2452MHz	Pass	500k	35.75M	37.731M	35.8M	37.631M

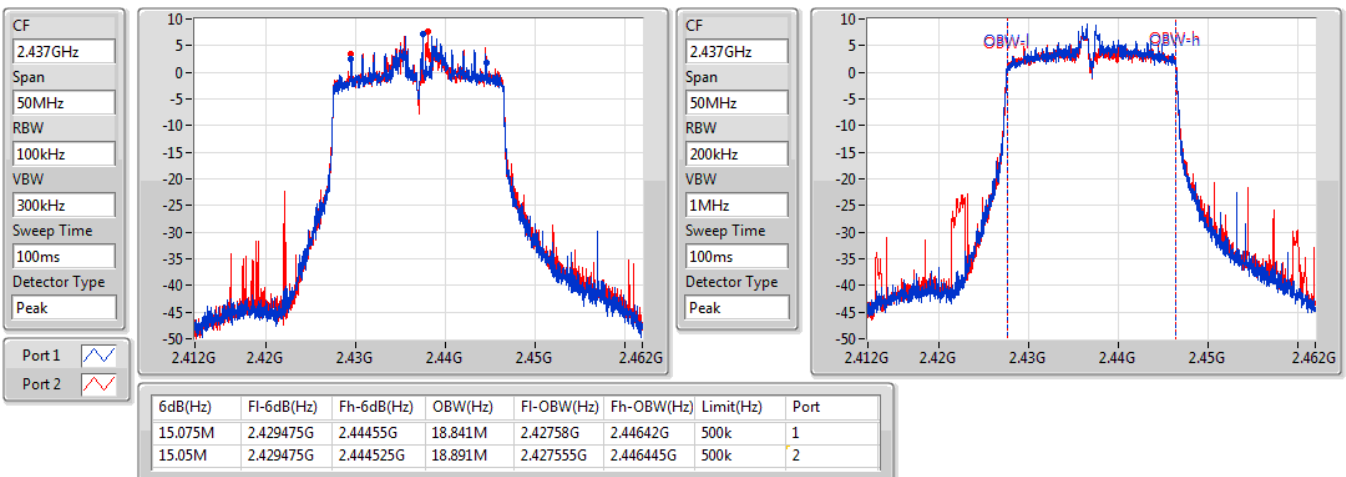
Port X-N dB = Port X 6dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
2412MHz

27/11/2020

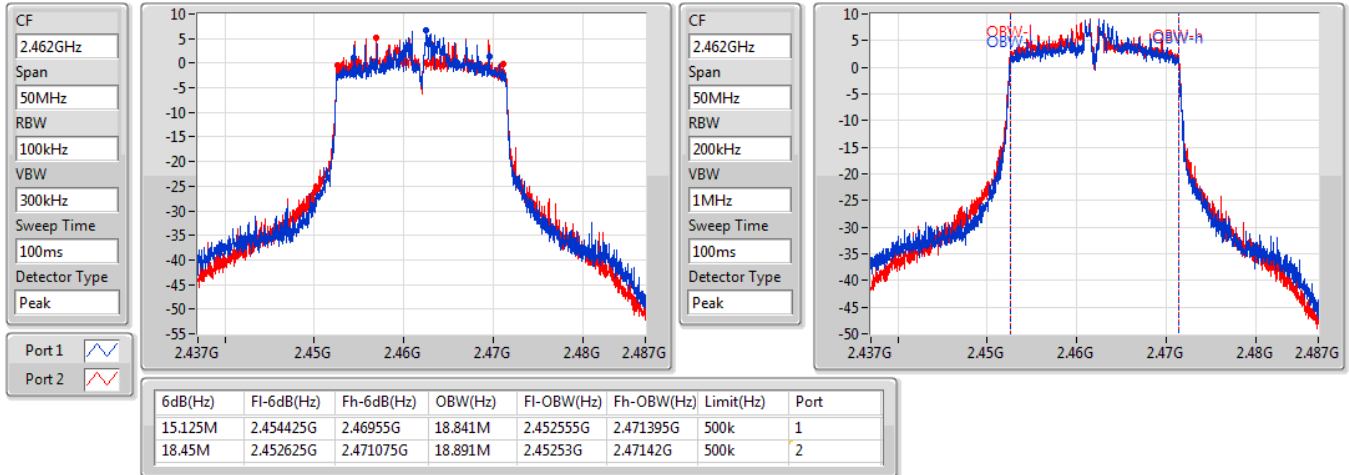

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
2437MHz

27/11/2020

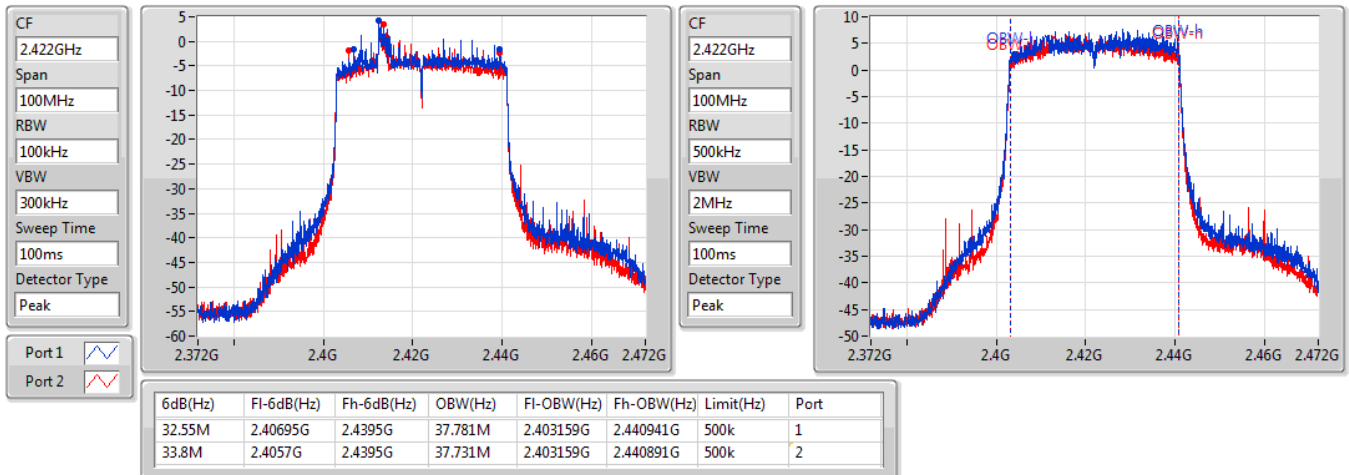


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
2462MHz

27/11/2020


802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
2422MHz

27/11/2020

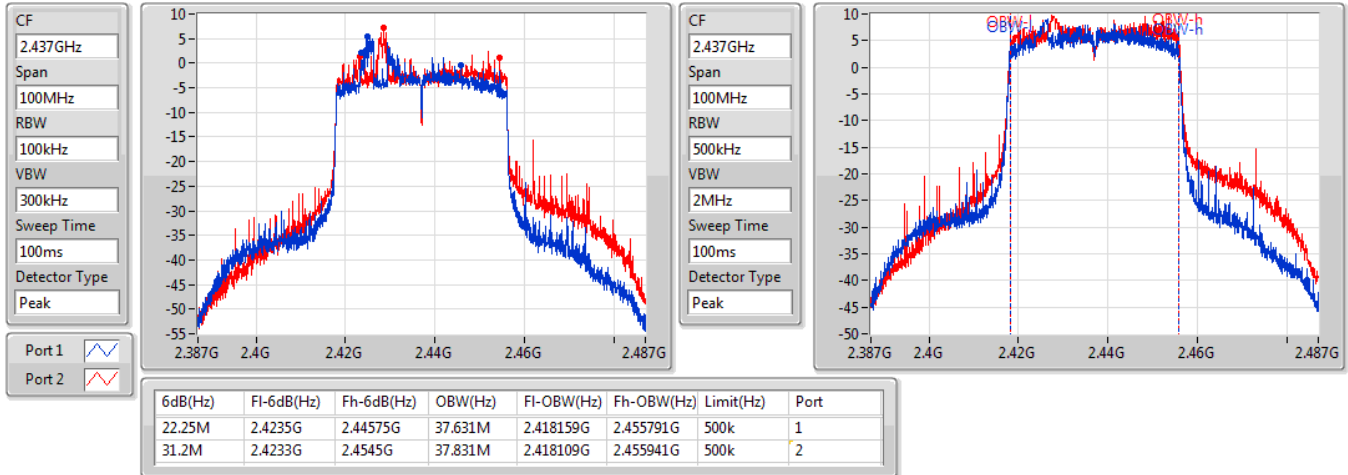


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

2437MHz

27/11/2020

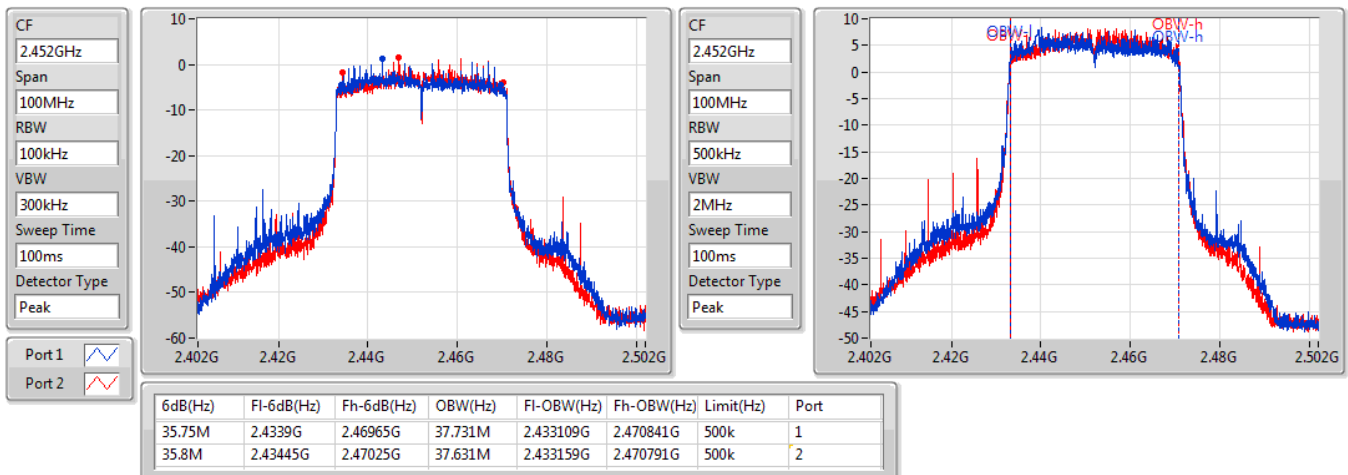


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

2452MHz

27/11/2020



For beamforming mode:

For Set 2:

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	18.025M	18.916M	18M9D1D	16.325M	18.866M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	37.25M	37.881M	37M9D1D	26.3M	37.631M

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

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

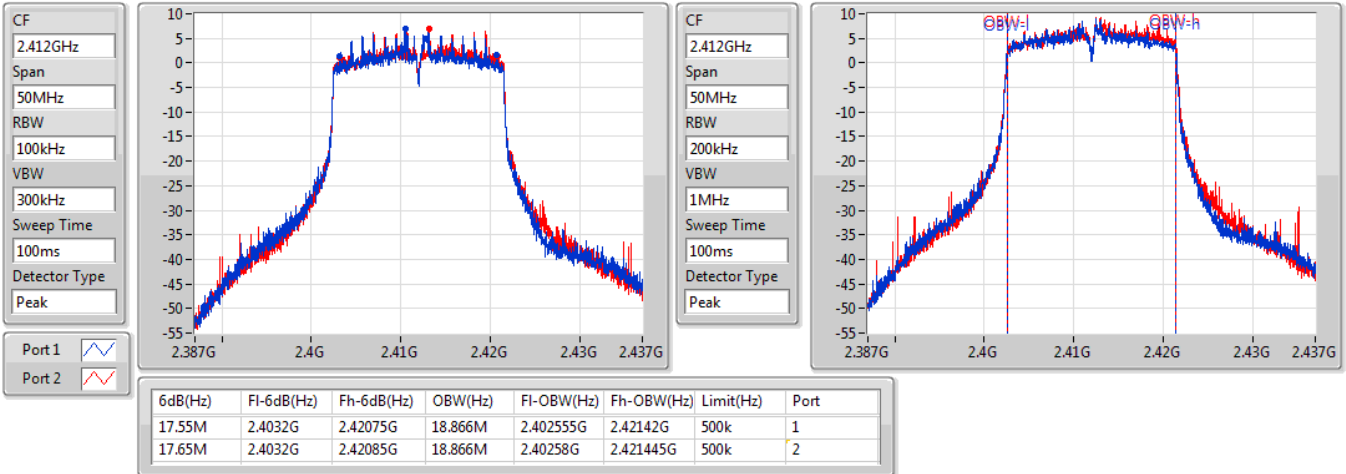
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.55M	18.866M	17.65M	18.866M
2437MHz	Pass	500k	16.325M	18.891M	18.025M	18.916M
2462MHz	Pass	500k	17.725M	18.891M	17.9M	18.891M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	33.8M	37.731M	26.3M	37.681M
2437MHz	Pass	500k	30M	37.681M	35.05M	37.881M
2452MHz	Pass	500k	30.05M	37.681M	37.25M	37.631M

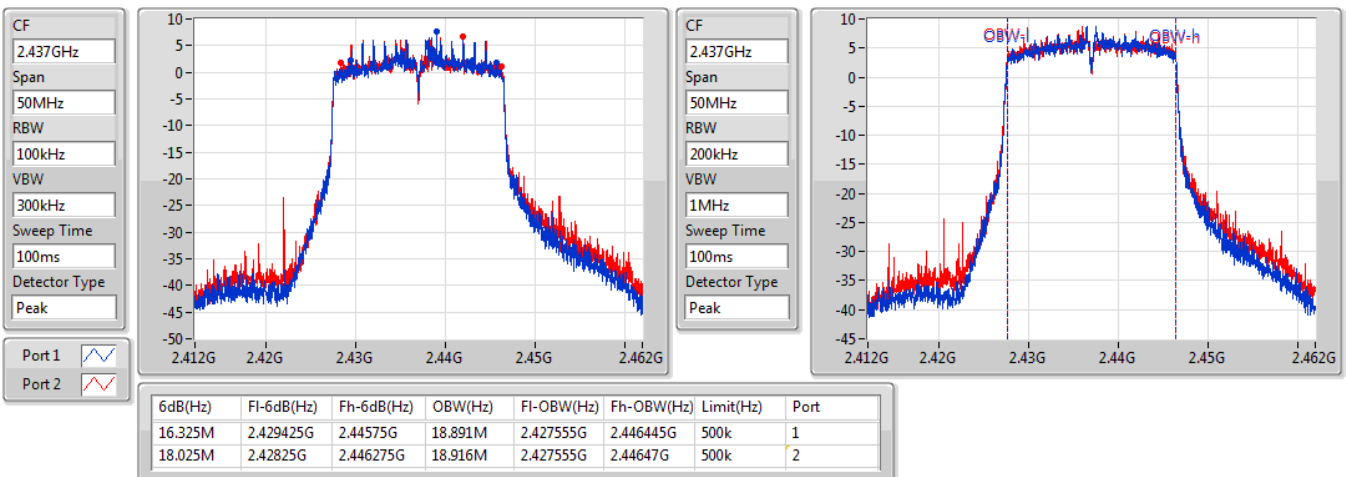
Port X-N dB = Port X 6dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
2412MHz

27/11/2020

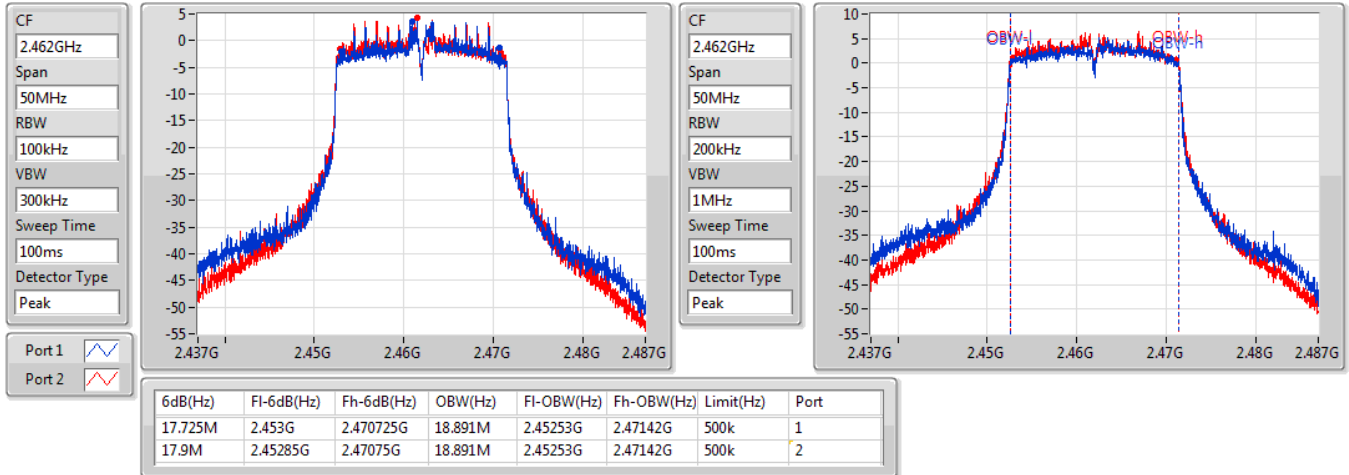

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
2437MHz

27/11/2020

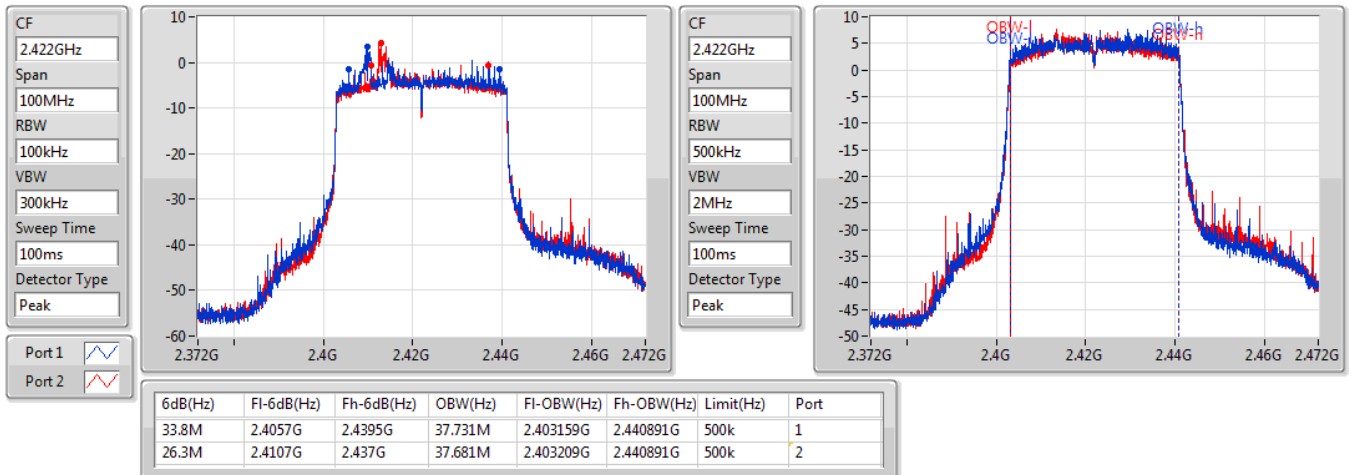


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
2462MHz

27/11/2020

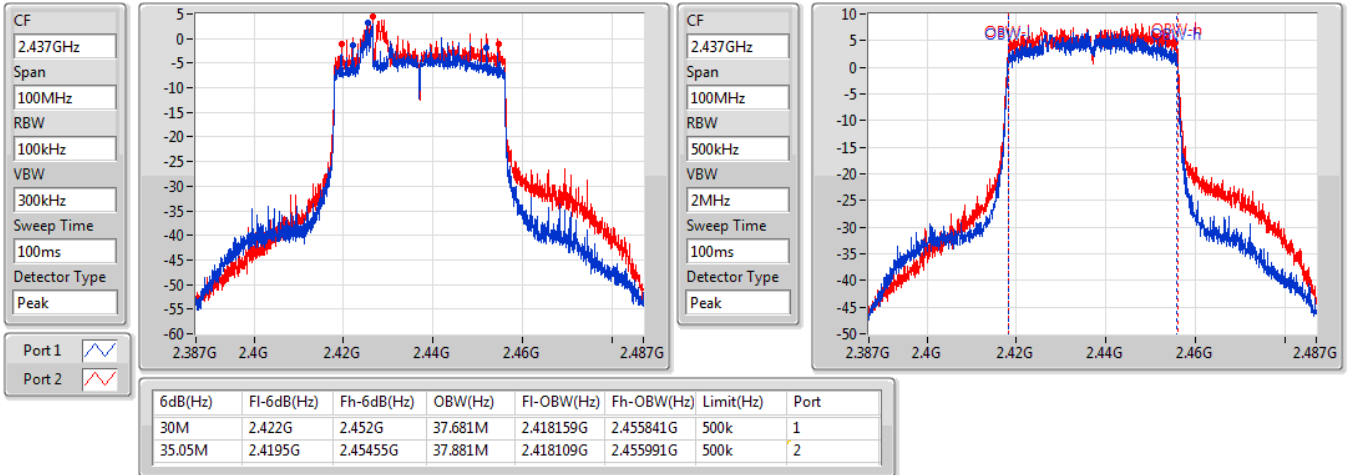

802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
2422MHz

27/11/2020

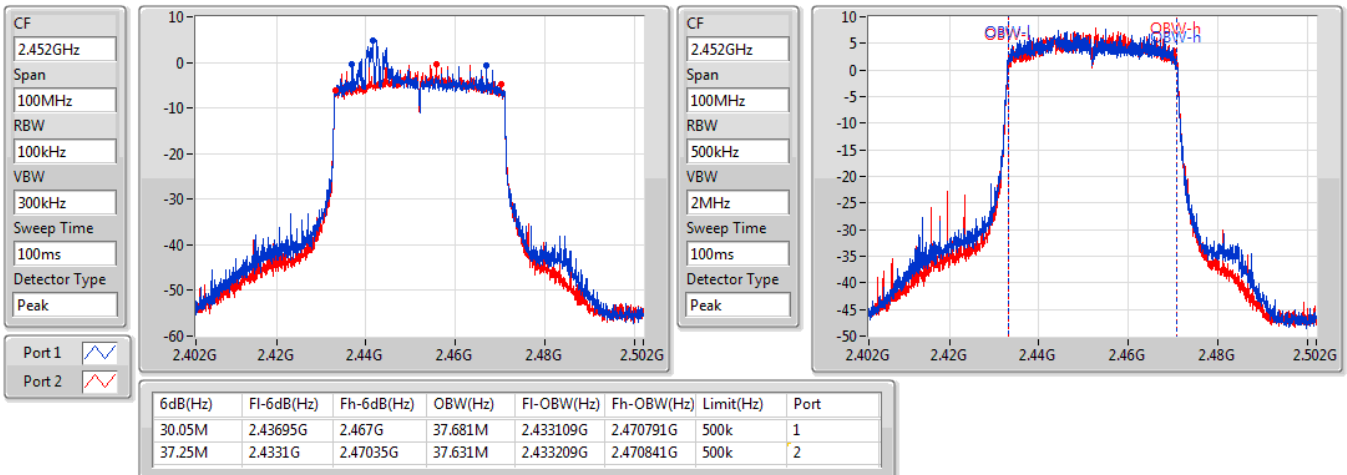


802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
2437MHz

27/11/2020


802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
2452MHz

27/11/2020





For non-beamforming mode:

For Set 1:

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	26.75	0.47315
802.11g_Nss1,(6Mbps)_2TX	26.31	0.42756
802.11ax HEW20_Nss1,(MCS0)_2TX	26.19	0.41591
802.11ax HEW40_Nss1,(MCS0)_2TX	20.58	0.11429

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.40	22.41	22.74	25.59	30.00
2437MHz	Pass	1.40	24.15	23.29	26.75	30.00
2462MHz	Pass	1.40	22.83	23.7	26.30	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.40	17.16	17.51	20.35	30.00
2417MHz	Pass	1.40	20.08	20.58	23.35	30.00
2437MHz	Pass	1.40	23.52	23.07	26.31	30.00
2457MHz	Pass	1.40	22.64	23.22	25.95	30.00
2462MHz	Pass	1.40	19.35	19.92	22.65	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.40	16.55	16.96	19.77	30.00
2417MHz	Pass	1.40	17.62	18.04	20.85	30.00
2437MHz	Pass	1.40	23.34	23.02	26.19	30.00
2457MHz	Pass	1.40	20.05	20.98	23.55	30.00
2462MHz	Pass	1.40	18.38	18.85	21.63	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	1.40	15.05	14.62	17.85	30.00
2437MHz	Pass	1.40	17.03	18.05	20.58	30.00
2452MHz	Pass	1.40	15.72	15.58	18.66	30.00

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



For non-beamforming mode:

For Set 2:

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	25.81	0.38107
802.11g_Nss1,(6Mbps)_2TX	25.18	0.32961
802.11ax HEW20_Nss1,(MCS0)_2TX	24.34	0.27164
802.11ax HEW40_Nss1,(MCS0)_2TX	18.58	0.07211

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.8069	21.02	21.87	24.48	30.00
2437MHz	Pass	4.8069	22.76	22.84	25.81	30.00
2462MHz	Pass	4.8069	21.62	22.29	24.98	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.8069	18.22	18.46	21.35	30.00
2417MHz	Pass	4.8069	18.08	18.54	21.33	30.00
2437MHz	Pass	4.8069	22.06	22.28	25.18	30.00
2457MHz	Pass	4.8069	19.58	20.25	22.94	30.00
2462MHz	Pass	4.8069	17.86	18.42	21.16	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.8069	16.06	16.48	19.29	30.00
2417MHz	Pass	4.8069	17.18	17.45	20.33	30.00
2437MHz	Pass	4.8069	21.17	21.48	24.34	30.00
2457MHz	Pass	4.8069	18.58	19.25	21.94	30.00
2462MHz	Pass	4.8069	15.02	15.32	18.18	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.8069	15.49	15.11	18.31	30.00
2437MHz	Pass	4.8069	15.01	16.06	18.58	30.00
2452MHz	Pass	4.8069	14.65	14.51	17.59	30.00

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



For beamforming mode:

For Set 1:

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.14	0.10328
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	20.63	0.11561

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.41	16.79	17.41	20.12	30.00
2437MHz	Pass	4.41	17.08	17.18	20.14	30.00
2462MHz	Pass	4.41	15.25	15.93	18.61	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.41	14.54	14.18	17.37	30.00
2427MHz	Pass	4.41	17.32	17.59	20.47	30.00
2437MHz	Pass	4.41	17.17	18.02	20.63	30.00
2452MHz	Pass	4.41	15.62	15.84	18.74	30.00

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



For beamforming mode:

For Set 2:

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.14	0.10328
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	17.89	0.06152



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.8172	16.79	17.41	20.12	28.18
2437MHz	Pass	7.8172	17.08	17.18	20.14	28.18
2457MHz	Pass	7.8172	15.34	15.96	18.67	28.18
2462MHz	Pass	7.8172	13.91	14.62	17.29	28.18
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.8172	14.54	14.18	17.37	28.18
2437MHz	Pass	7.8172	14.43	15.28	17.89	28.18
2452MHz	Pass	7.8172	14.22	14.60	17.42	28.18

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

For non-beamforming mode:

For Set 1:

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-0.42
802.11g_Nss1,(6Mbps)_2TX	-1.6
802.11ax HEW20_Nss1,(MCS0)_2TX	-1.85
802.11ax HEW40_Nss1,(MCS0)_2TX	-10.01

RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.41	-3.11	-1.88	-0.42	8.00
2437MHz	Pass	4.41	-3.88	-4.85	-1.38	8.00
2462MHz	Pass	4.41	-4.08	-4.1	-1.20	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.41	-10.1	-9.04	-6.74	8.00
2437MHz	Pass	4.41	-3.17	-3.1	-1.60	8.00
2462MHz	Pass	4.41	-6.94	-8.04	-4.74	8.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.41	-10.77	-9.72	-8.76	8.00
2437MHz	Pass	4.41	-4.33	-5.11	-1.85	8.00
2462MHz	Pass	4.41	-8.29	-8.33	-6.36	8.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.41	-14.02	-13.17	-12.39	8.00
2437MHz	Pass	4.41	-11.97	-10.78	-10.01	8.00
2452MHz	Pass	4.41	-13.01	-13.52	-11.66	8.00

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

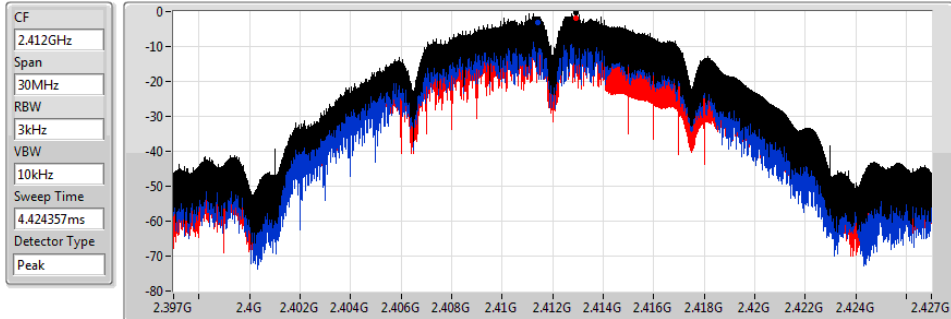
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11b_Nss1,(1Mbps)_2TX

PSD

2412MHz

14/11/2020



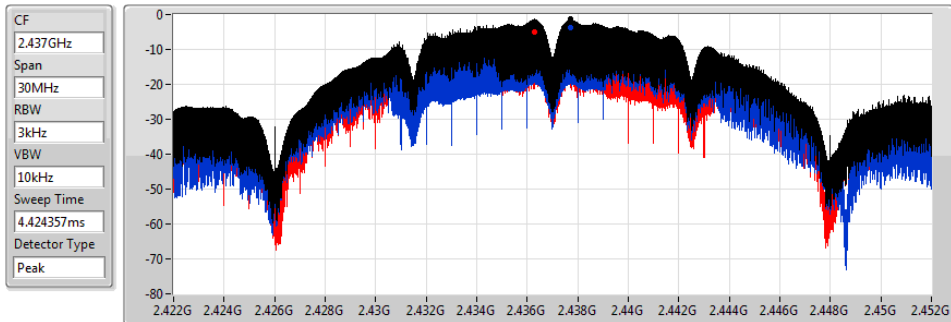
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.42	-0.42	-3.11	-1.88

802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

14/11/2020



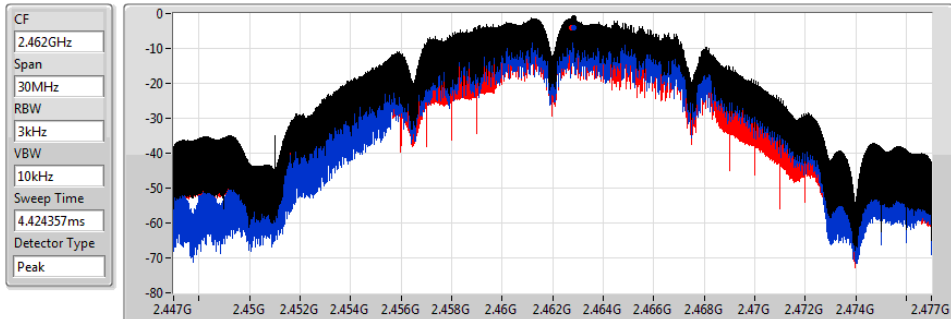
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.38	-1.38	-3.88	-4.85

802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

14/11/2020



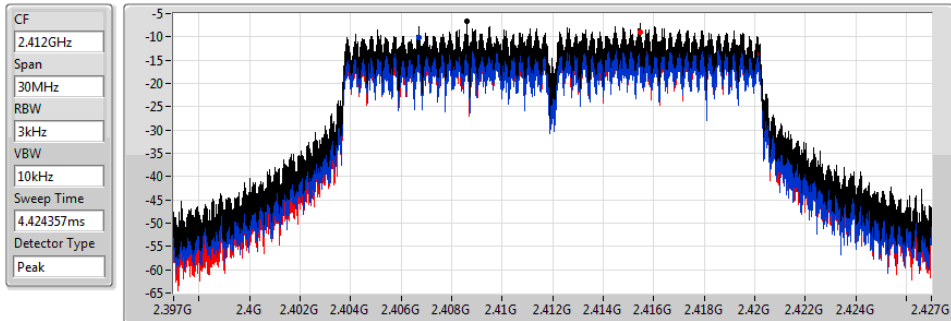
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.20	-1.20	-4.08	-4.10

802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

14/11/2020



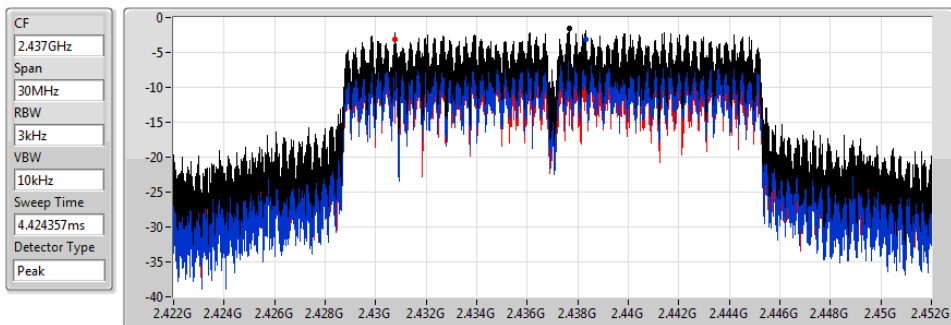
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.74	-6.74	-10.10	-9.04

802.11g_Nss1,(6Mbps)_2TX

PSD

2437MHz

14/11/2020



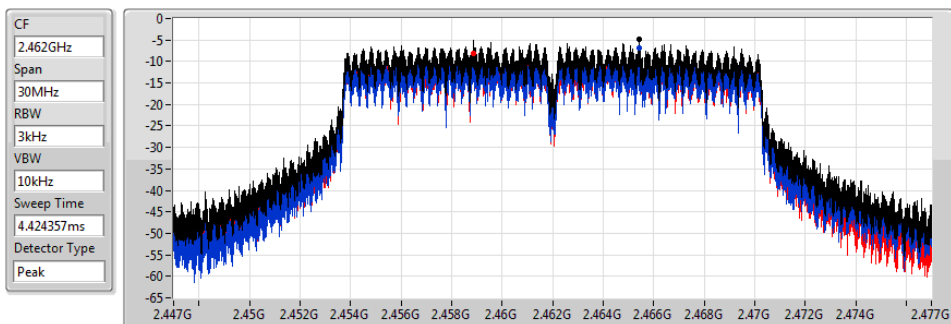
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.60	-1.60	-3.17	-3.10

802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

14/11/2020



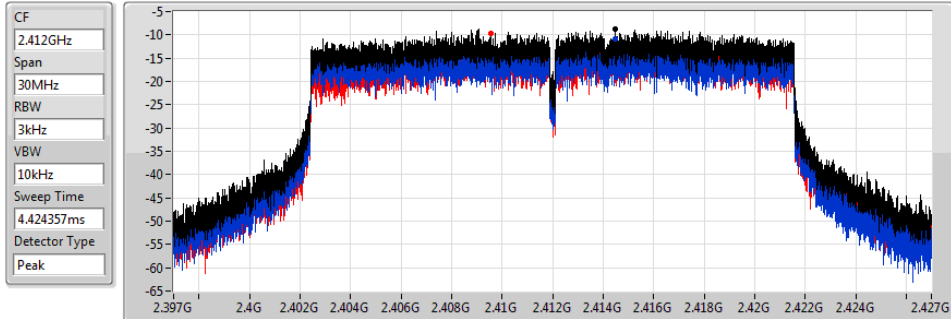
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.74	-4.74	-6.94	-8.04

802.11ax HEW20_Nss1,(MCS0)_2TX

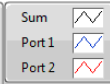
PSD

2412MHz

14/11/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-8.76	-8.76	-10.77	-9.72

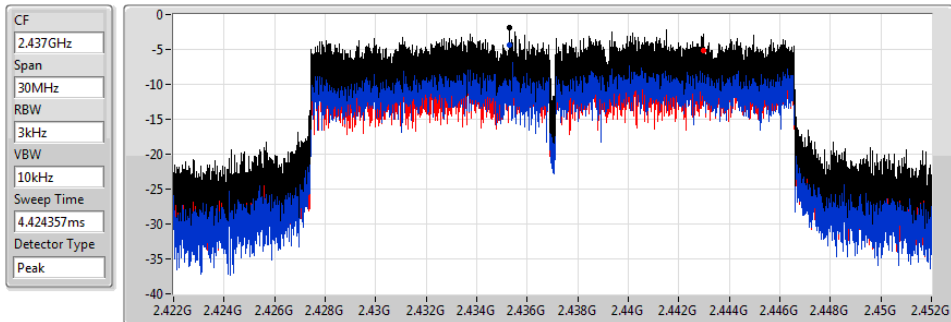


802.11ax HEW20_Nss1,(MCS0)_2TX

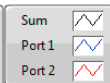
PSD

2437MHz

14/11/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.85	-1.85	-4.33	-5.11

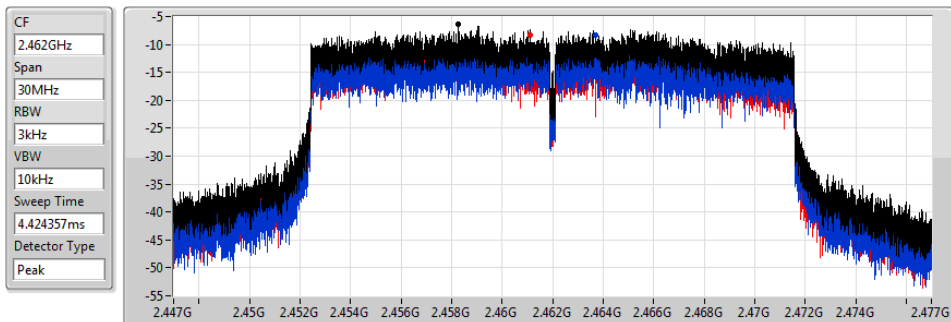


802.11ax HEW20_Nss1,(MCS0)_2TX

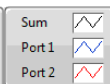
PSD

2462MHz

14/11/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.36	-6.36	-8.29	-8.33

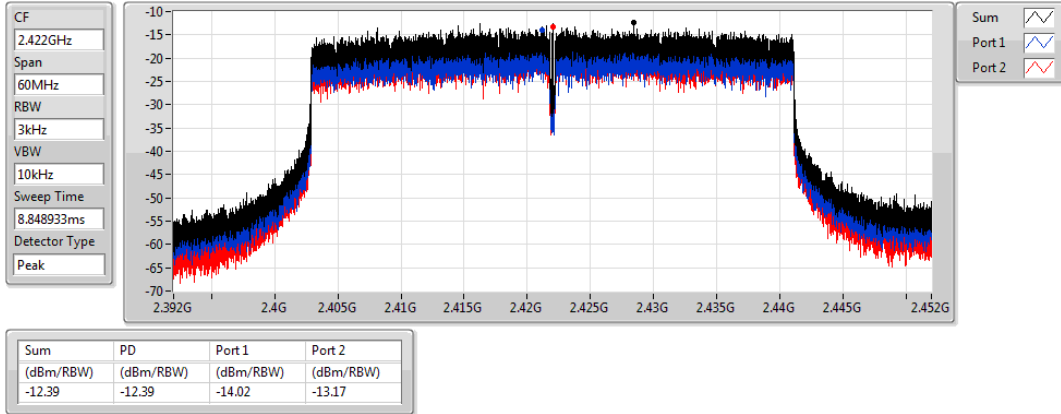


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2422MHz

14/11/2020

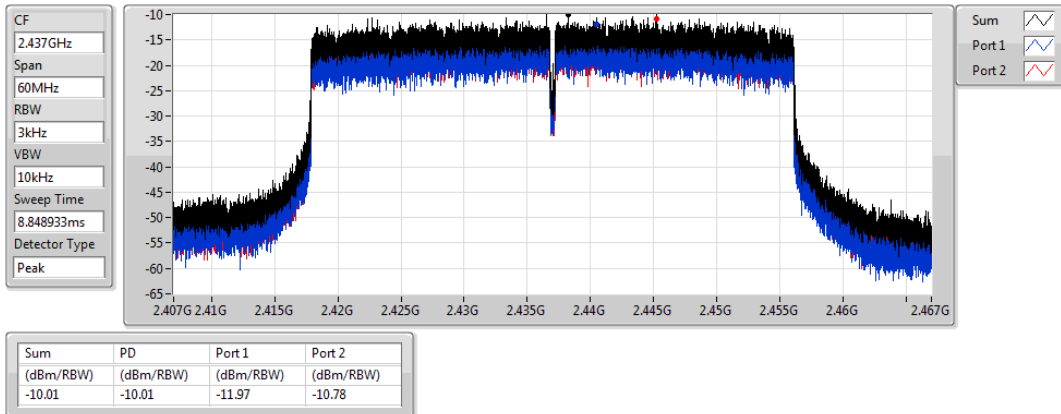


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2437MHz

14/11/2020

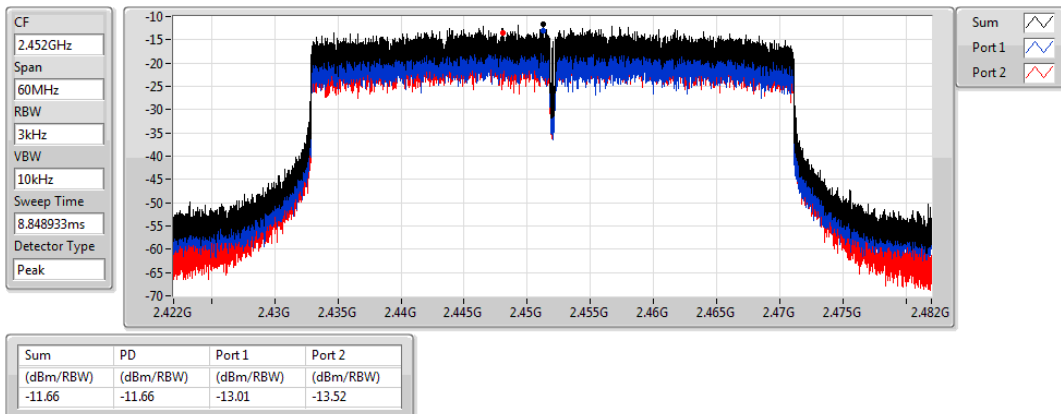


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2452MHz

14/11/2020



For non-beamforming mode:

For Set 2:

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-1.97
802.11g_Nss1,(6Mbps)_2TX	-3.23
802.11ax HEW20_Nss1,(MCS0)_2TX	-4.41
802.11ax HEW40_Nss1,(MCS0)_2TX	-11.75

RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.8172	-6.95	-4.43	-2.72	6.18
2437MHz	Pass	7.8172	-5.29	-2.97	-1.97	6.18
2462MHz	Pass	7.8172	-3.20	-4.21	-2.25	6.18
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.8172	-8.21	-7.55	-5.89	6.18
2437MHz	Pass	7.8172	-5.46	-4.93	-3.23	6.18
2462MHz	Pass	7.8172	-8.16	-7.40	-6.26	6.18
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.8172	-11.72	-10.73	-9.16	6.18
2437MHz	Pass	7.8172	-6.17	-6.49	-4.41	6.18
2462MHz	Pass	7.8172	-13.10	-11.18	-9.90	6.18
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.8172	-12.90	-13.29	-11.99	6.18
2437MHz	Pass	7.8172	-14.21	-12.92	-11.75	6.18
2452MHz	Pass	7.8172	-13.74	-14.11	-12.58	6.18

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

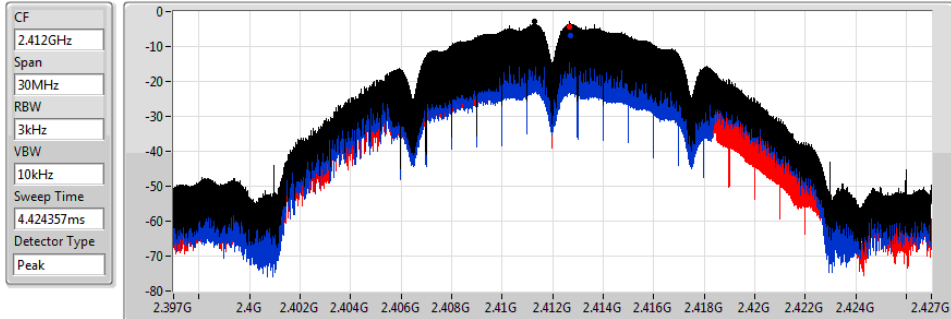
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11b_Nss1,(1Mbps)_2TX

PSD

2412MHz

19/11/2020



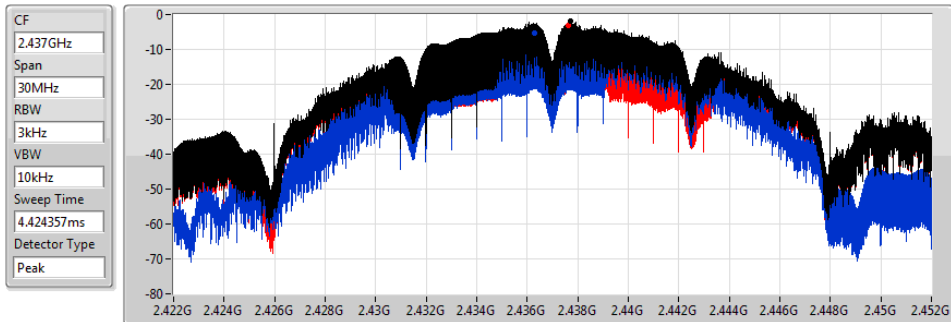
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.72	-2.72	-6.95	-4.43

802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

19/11/2020



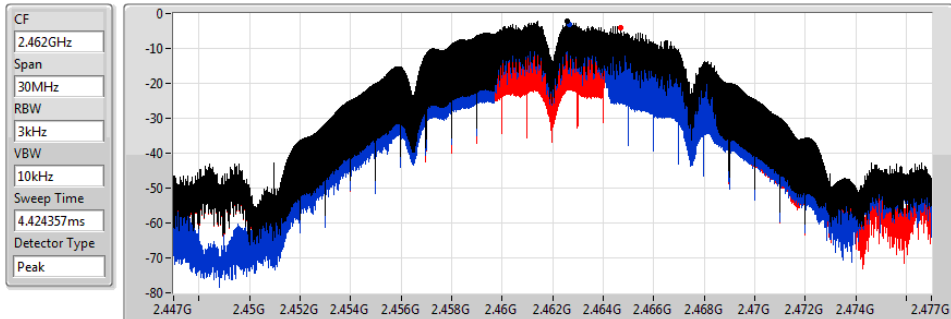
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.97	-1.97	-5.29	-2.97

802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

19/11/2020



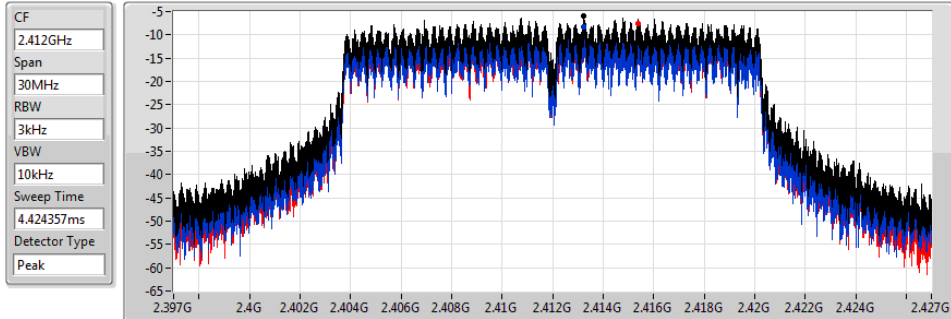
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.25	-2.25	-3.20	-4.21

802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

19/11/2020



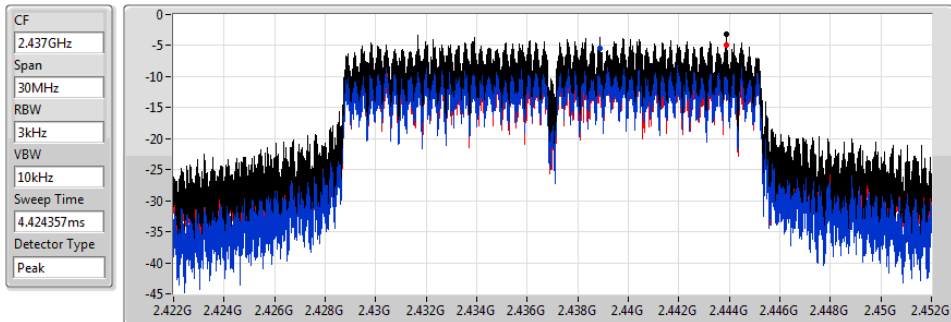
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.89	-5.89	-8.21	-7.55

802.11g_Nss1,(6Mbps)_2TX

PSD

2437MHz

19/11/2020



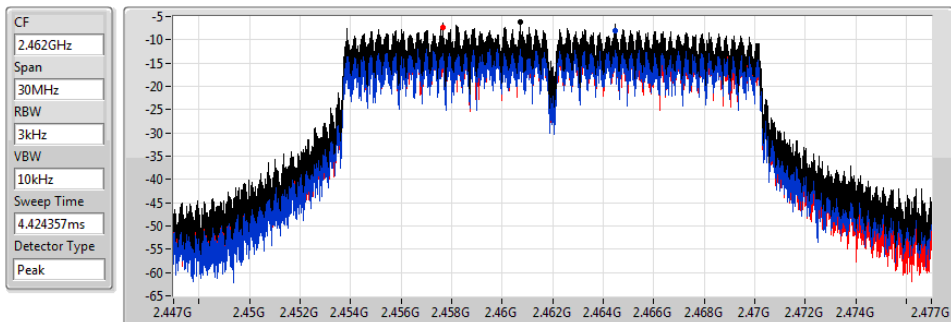
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.23	-3.23	-5.46	-4.93

802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

19/11/2020



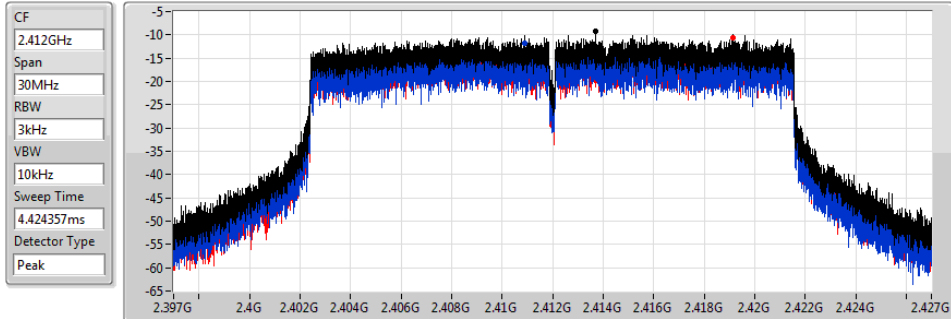
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.26	-6.26	-8.16	-7.40

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2412MHz

19/11/2020



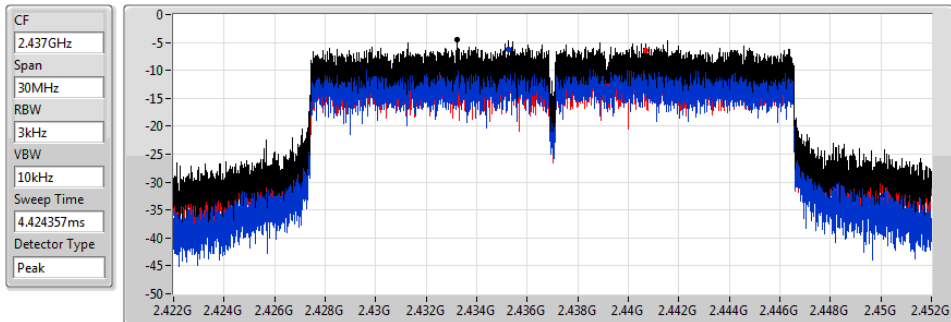
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-9.16	-9.16	-11.72	-10.73

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2437MHz

19/11/2020



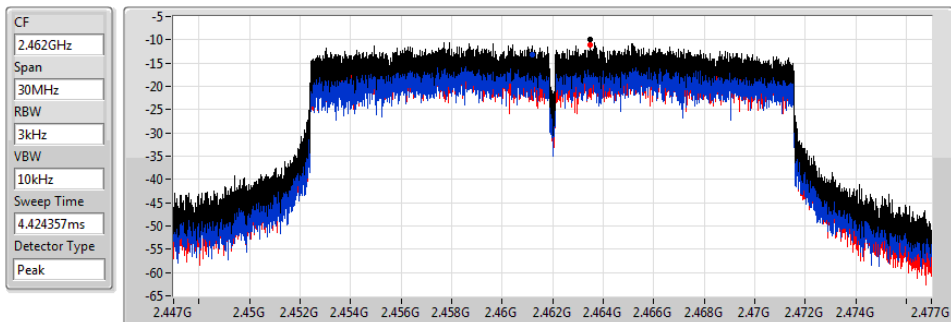
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.41	-4.41	-6.17	-6.49

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2462MHz

19/11/2020



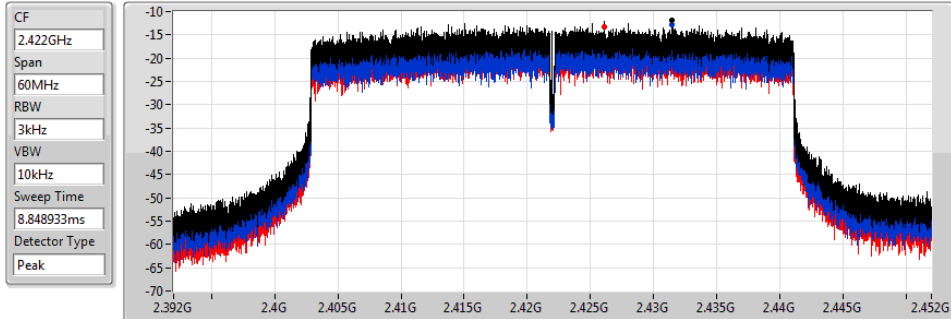
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-9.90	-9.90	-13.10	-11.18

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2422MHz

19/11/2020



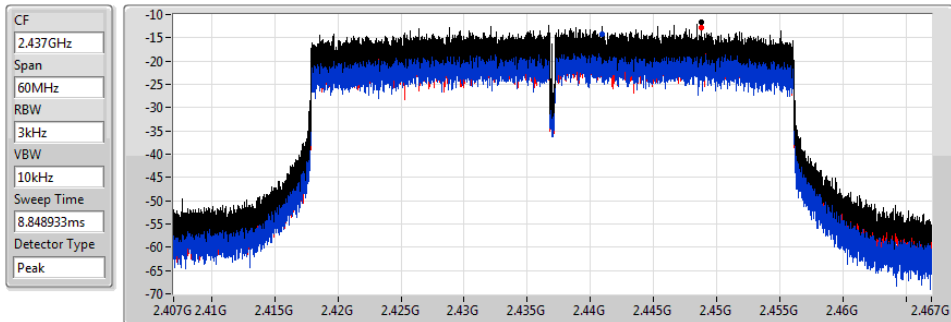
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-11.99	-11.99	-12.90	-13.29

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2437MHz

19/11/2020



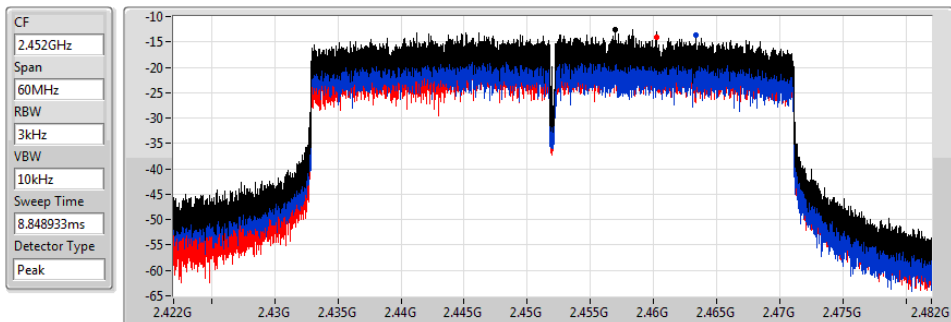
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-11.75	-11.75	-14.21	-12.92

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2452MHz

19/11/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-12.58	-12.58	-13.74	-14.11



For beamforming mode:

For Set 1:

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-7.01
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-9.03

RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.41	-10.46	-8.30	-7.36	8.00
2437MHz	Pass	4.41	-7.86	-9.43	-7.01	8.00
2462MHz	Pass	4.41	-10.38	-9.66	-8.65	8.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.41	-10.80	-14.06	-10.20	8.00
2437MHz	Pass	4.41	-9.32	-13.14	-9.03	8.00
2452MHz	Pass	4.41	-11.26	-12.01	-9.89	8.00

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

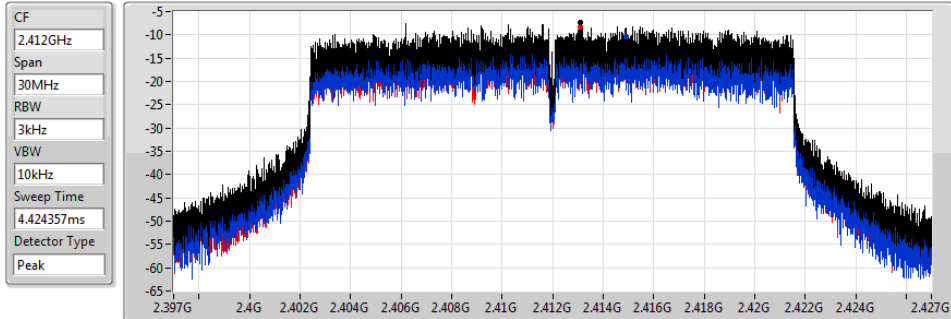
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

2412MHz

27/11/2020



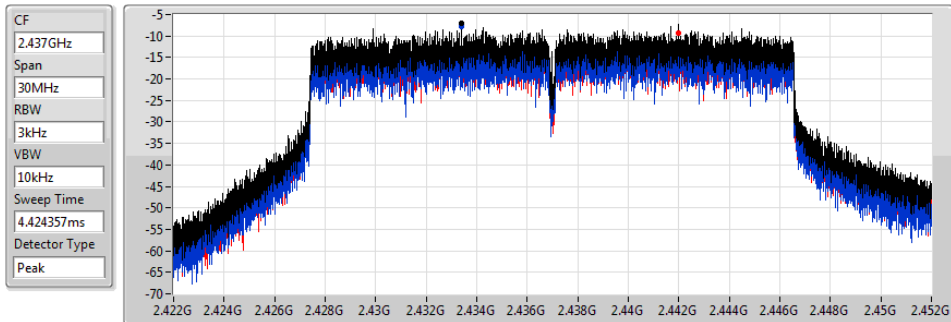
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-7.36	-7.36	-10.46	-8.30

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

2437MHz

27/11/2020



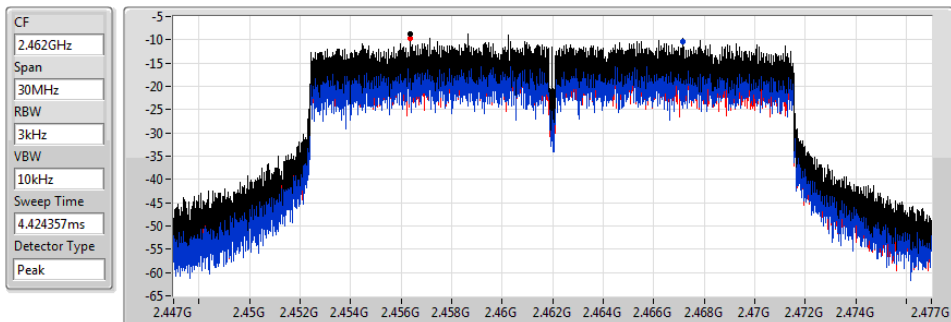
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-7.01	-7.01	-7.86	-9.43

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

2462MHz

27/11/2020



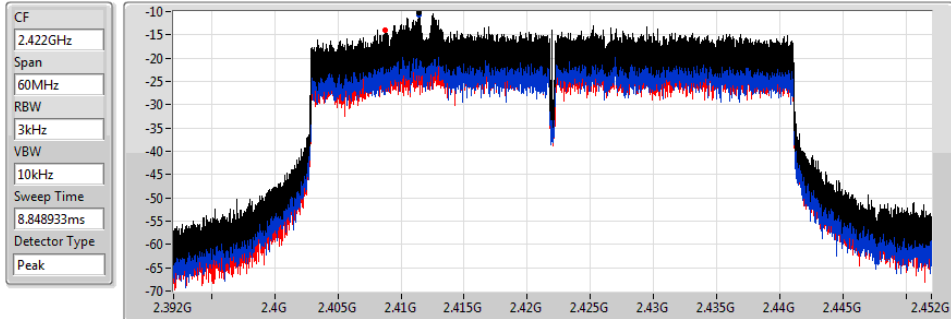
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-8.65	-8.65	-10.38	-9.66

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

2422MHz

27/11/2020



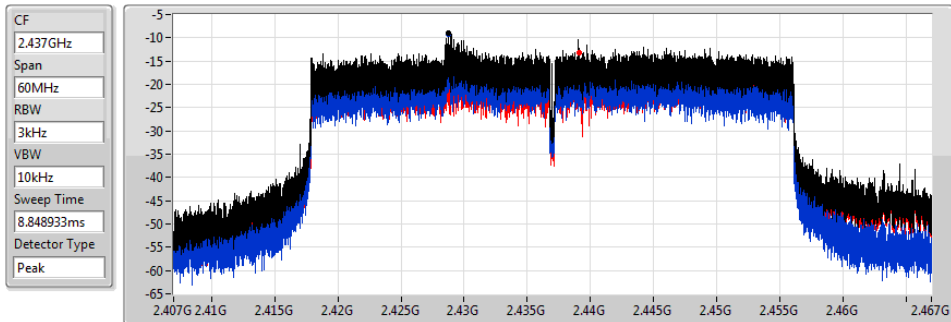
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-10.20	-10.20	-10.80	-14.06

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

2437MHz

27/11/2020



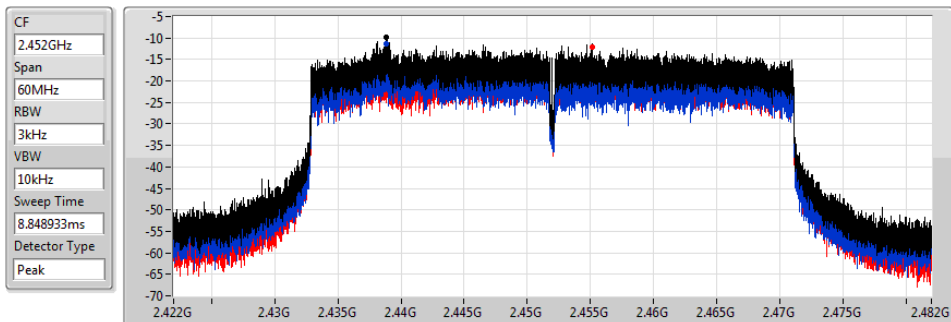
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-9.03	-9.03	-9.32	-13.14

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

2452MHz

27/11/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-9.89	-9.89	-11.26	-12.01

For beamforming mode:

For Set 2:

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-7.01
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-9.88

RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.8172	-10.46	-8.30	-7.36	6.18
2437MHz	Pass	7.8172	-7.86	-9.43	-7.01	6.18
2462MHz	Pass	7.8172	-12.34	-11.88	-9.99	6.18
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.8172	-10.80	-14.06	-10.20	6.18
2437MHz	Pass	7.8172	-10.35	-11.55	-9.88	6.18
2452MHz	Pass	7.8172	-14.43	-10.33	-9.92	6.18

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

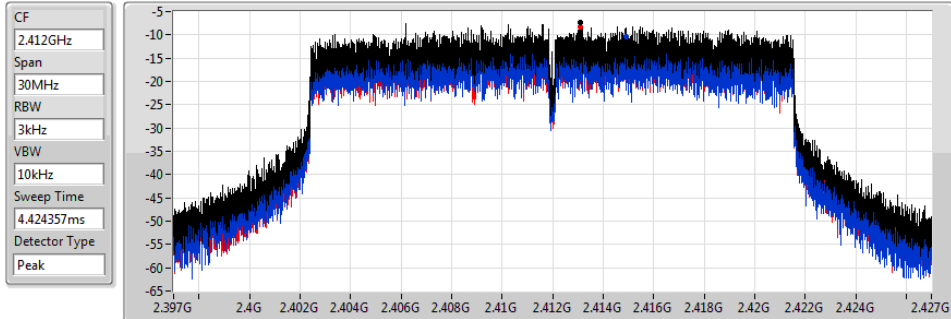
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

2412MHz

27/11/2020



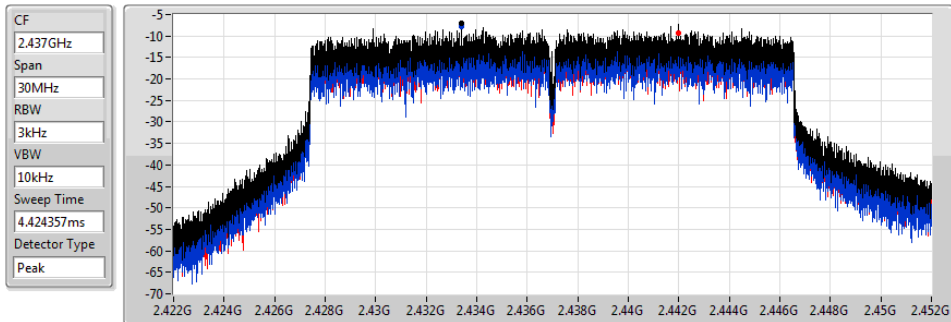
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-7.36	-7.36	-10.46	-8.30

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

2437MHz

27/11/2020



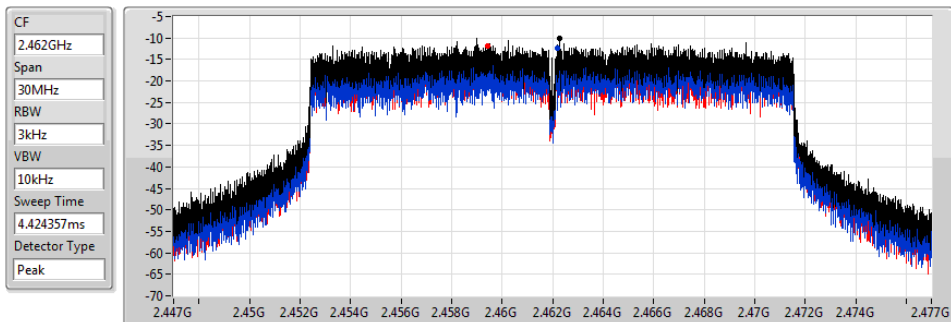
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-7.01	-7.01	-7.86	-9.43

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

2462MHz

27/11/2020



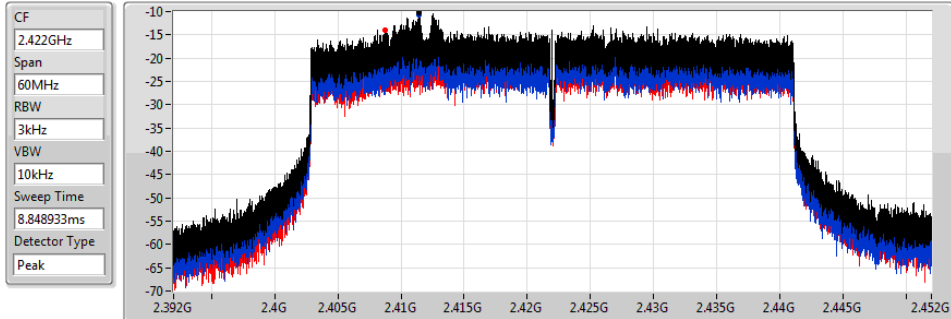
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-9.99	-9.99	-12.34	-11.88

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

2422MHz

27/11/2020



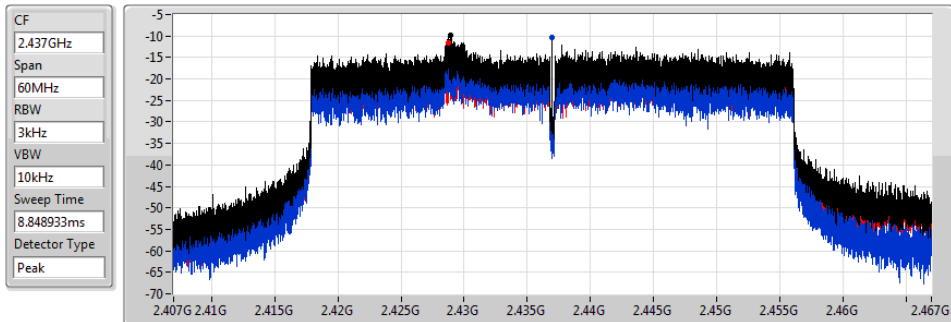
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-10.20	-10.20	-10.80	-14.06

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

2437MHz

27/11/2020



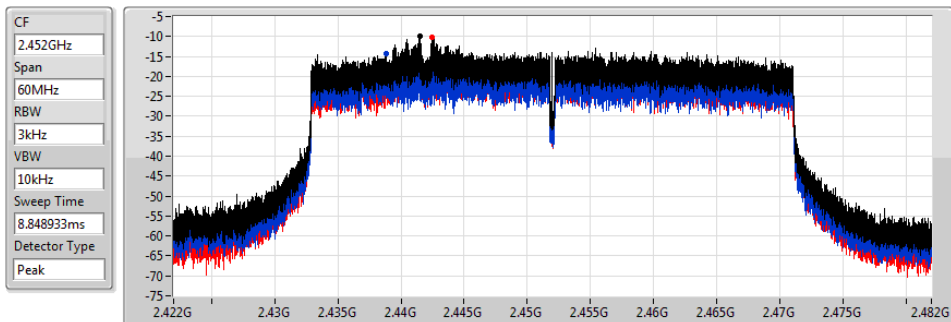
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-9.88	-9.88	-10.35	-11.55

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

2452MHz

27/11/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-9.92	-9.92	-14.43	-10.33



For non-beamforming mode:

For Set 1:

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43649G	15.48	-14.52	705.12M	-51.96	2.39952G	-24.27	2.4G	-36.62	2.49174G	-51.12	7.23514G	-32.41	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.442G	13.93	-16.07	928.22M	-52.26	2.3999G	-27.82	2.4G	-26.95	2.50926G	-51	7.24076G	-41.26	1
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.44325G	12.3	-17.7	866.18M	-51.37	2.39926G	-27.19	2.4G	-27.7	2.51534G	-51.06	16.52355G	-43.57	2
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	2.42572G	3.98	-26.02	811.46M	-52.23	2.39916G	-31.16	2.4G	-33.55	2.48366G	-45.7	24.84575G	-43.64	2

Result

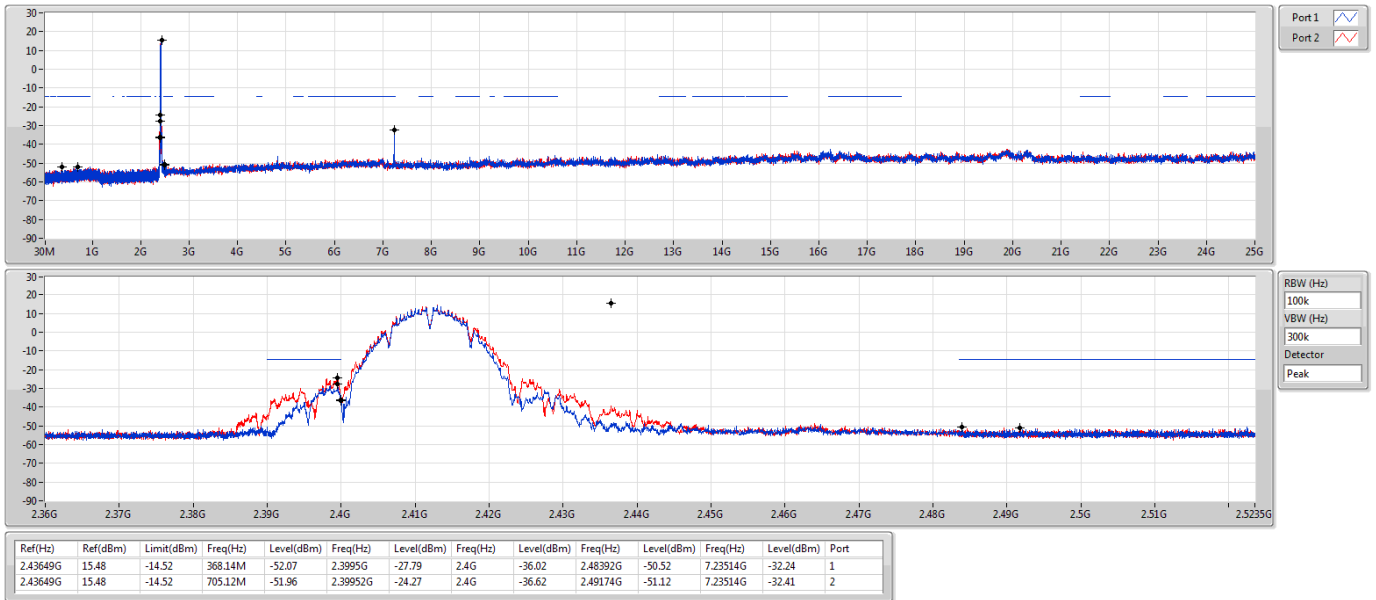
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43649G	15.48	-14.52	368.14M	-52.07	2.3995G	-27.79	2.4G	-36.02	2.48392G	-50.52	7.23514G	-32.24	1
2412MHz	Pass	2.43649G	15.48	-14.52	705.12M	-51.96	2.39952G	-24.27	2.4G	-36.62	2.49174G	-51.12	7.23514G	-32.41	2
2437MHz	Pass	2.43649G	15.48	-14.52	743.27M	-51.61	2.39752G	-32.91	2.4G	-40.66	2.4835G	-42.54	24.90728G	-42.51	1
2437MHz	Pass	2.43649G	15.48	-14.52	885.69M	-51.82	2.3975G	-36.48	2.4835G	-45.02	2.4835G	-44.25	16.45612G	-43.51	2
2462MHz	Pass	2.43649G	15.48	-14.52	746.77M	-52.34	2.39812G	-51.48	2.4835G	-42.01	2.48352G	-41.83	16.55165G	-43.44	1
2462MHz	Pass	2.43649G	15.48	-14.52	865.01M	-52.32	2.39952G	-40.94	2.4835G	-34.71	2.486G	-32.19	16.20888G	-43.78	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.442G	13.93	-16.07	928.22M	-52.26	2.3999G	-27.82	2.4G	-26.95	2.50926G	-51	7.24076G	-41.26	1
2412MHz	Pass	2.442G	13.93	-16.07	586.29M	-52.29	2.39978G	-28.68	2.4G	-29.24	2.51588G	-51.09	7.24357G	-41.94	2
2437MHz	Pass	2.442G	13.93	-16.07	947.44M	-51.93	2.39788G	-31.08	2.4G	-35.6	2.4836G	-46.28	16.81013G	-43.5	1
2437MHz	Pass	2.442G	13.93	-16.07	1.96041G	-51.92	2.397G	-35.27	2.4835G	-37.82	2.4836G	-37.01	16.83822G	-43.65	2
2462MHz	Pass	2.442G	13.93	-16.07	832.39M	-52.77	2.39396G	-51.98	2.4835G	-41.27	2.48352G	-39.63	24.85109G	-43.35	1
2462MHz	Pass	2.442G	13.93	-16.07	855.69M	-52.13	2.39658G	-51.57	2.4835G	-40.87	2.48352G	-39.49	24.54485G	-44.05	2
802.11a HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44325G	12.3	-17.7	907.25M	-52.08	2.39968G	-27.57	2.4G	-27.49	2.50938G	-51.5	16.41117G	-43.45	1
2412MHz	Pass	2.44325G	12.3	-17.7	866.18M	-51.37	2.39926G	-27.19	2.4G	-27.7	2.51534G	-51.06	16.52355G	-43.57	2
2437MHz	Pass	2.44325G	12.3	-17.7	849.29M	-52.16	2.39616G	-32.08	2.4G	-33.95	2.48416G	-43.2	16.84103G	-43.25	1
2437MHz	Pass	2.44325G	12.3	-17.7	753.76M	-52.09	2.397G	-33.54	2.4G	-35.66	2.48352G	-35.08	16.57693G	-43.56	2
2462MHz	Pass	2.44325G	12.3	-17.7	796.86M	-52.24	2.3991G	-50.64	2.4835G	-33.49	2.48354G	-31.48	24.82019G	-43.33	1
2462MHz	Pass	2.44325G	12.3	-17.7	878.12M	-52.44	2.39672G	-51.54	2.4835G	-36.08	2.48354G	-34.64	17.47318G	-43.7	2
802.11a HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42572G	3.98	-26.02	747.06M	-51.82	2.3998G	-31.44	2.4G	-34.06	2.51742G	-51.02	24.85136G	-42.98	1
2422MHz	Pass	2.42572G	3.98	-26.02	830.64M	-51.66	2.39972G	-33.78	2.4G	-35.07	2.53142G	-51.03	16.44048G	-42.57	2
2437MHz	Pass	2.42572G	3.98	-26.02	912.22M	-52.68	2.39544G	-33.33	2.4G	-35.89	2.4841G	-49.2	16.42084G	-43.54	1
2437MHz	Pass	2.42572G	3.98	-26.02	811.46M	-52.23	2.39916G	-31.16	2.4G	-33.55	2.48366G	-45.7	24.84575G	-43.64	2
2452MHz	Pass	2.42572G	3.98	-26.02	231.23M	-52.02	2.3992G	-51.48	2.4835G	-39.16	2.4845G	-34.43	24.8794G	-43.23	1
2452MHz	Pass	2.42572G	3.98	-26.02	754.5M	-52.45	2.39712G	-51.7	2.4835G	-46.29	2.48366G	-43.9	16.42926G	-43.23	2

802.11b_Nss1,(1Mbps)_2TX

CSE NdB

2412MHz

14/11/2020

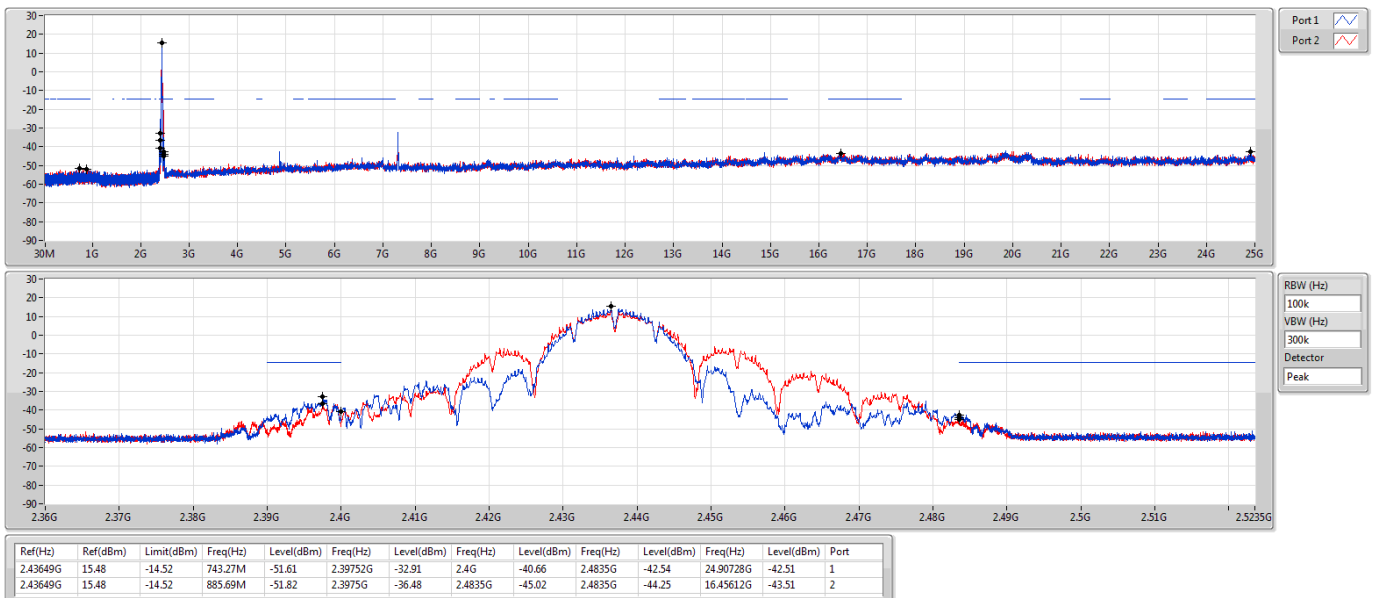


802.11b_Nss1,(1Mbps)_2TX

CSE NdB

2437MHz

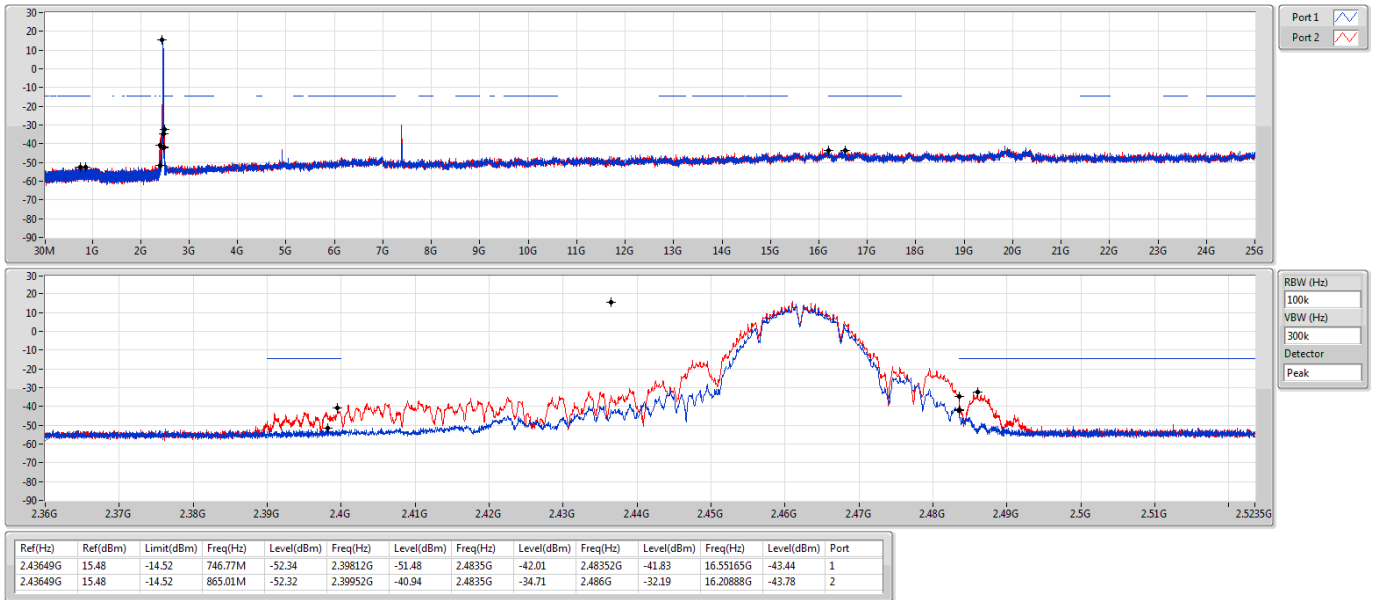
14/11/2020



802.11b_Nss1,(1Mbps)_2TX

2462MHz

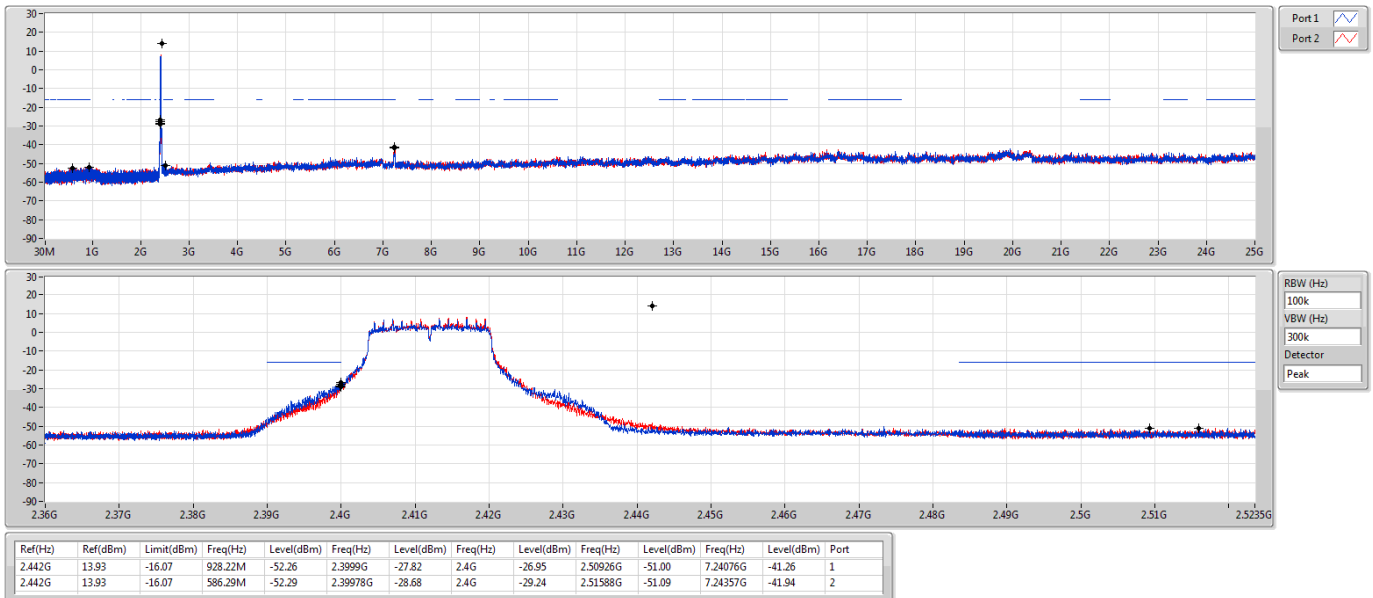
CSE NdB



802.11g_Nss1,(6Mbps)_2TX

2412MHz

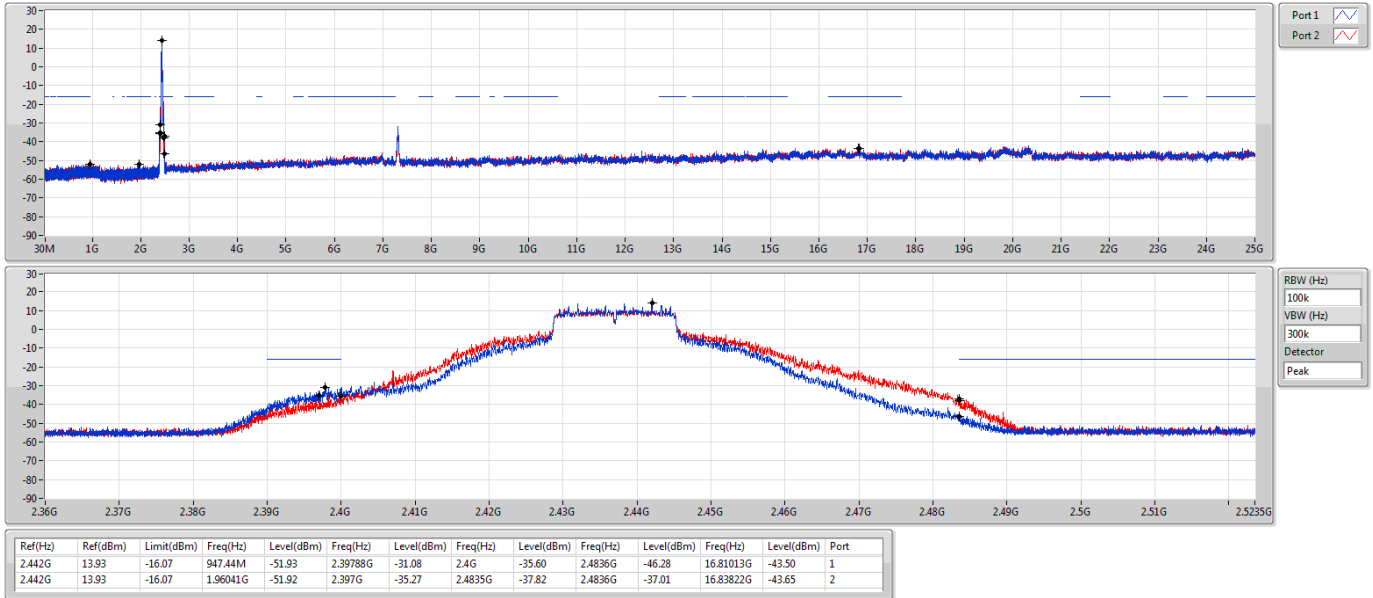
CSE NdB



802.11g_Nss1,(6Mbps)_2TX

2437MHz

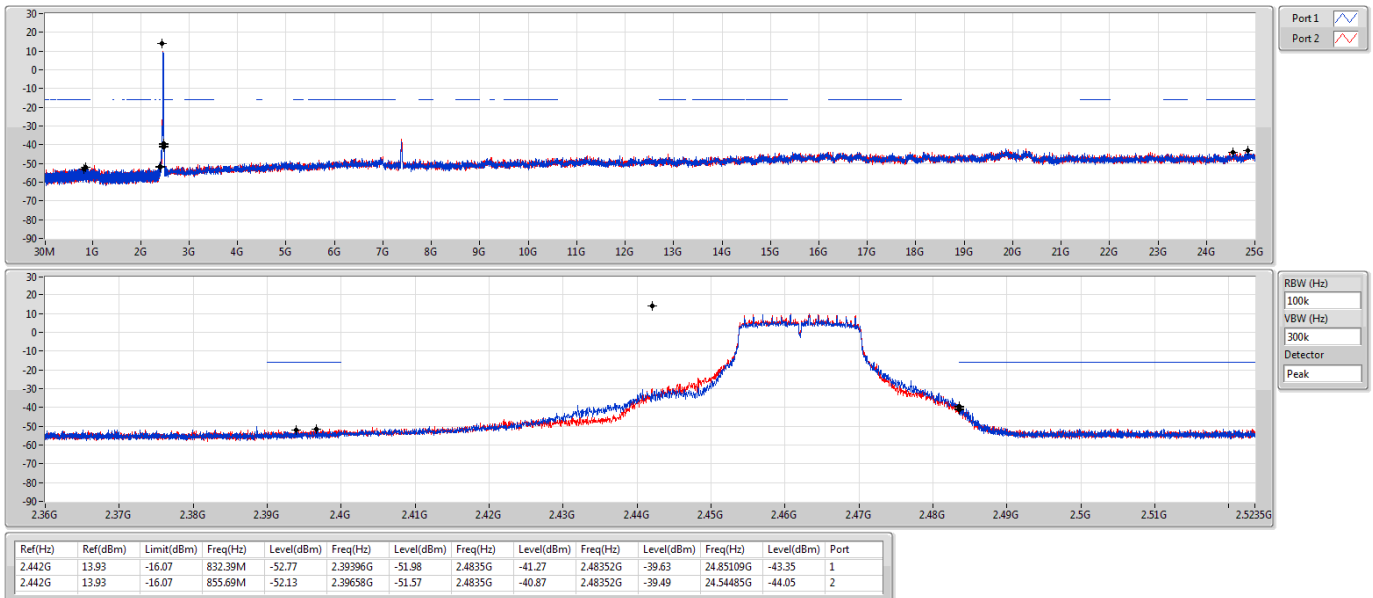
CSE NdB



802.11g_Nss1,(6Mbps)_2TX

2462MHz

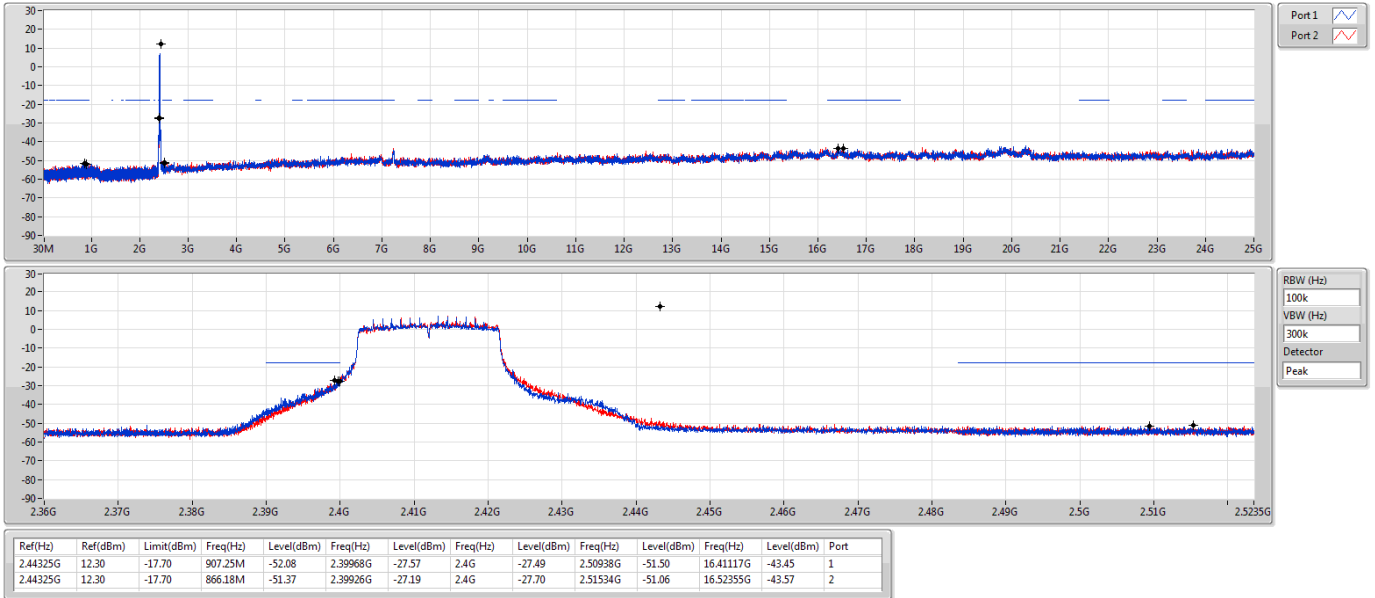
CSE NdB



802.11ax HEW20_Nss1,(MCS0)_2TX

CSE NdB

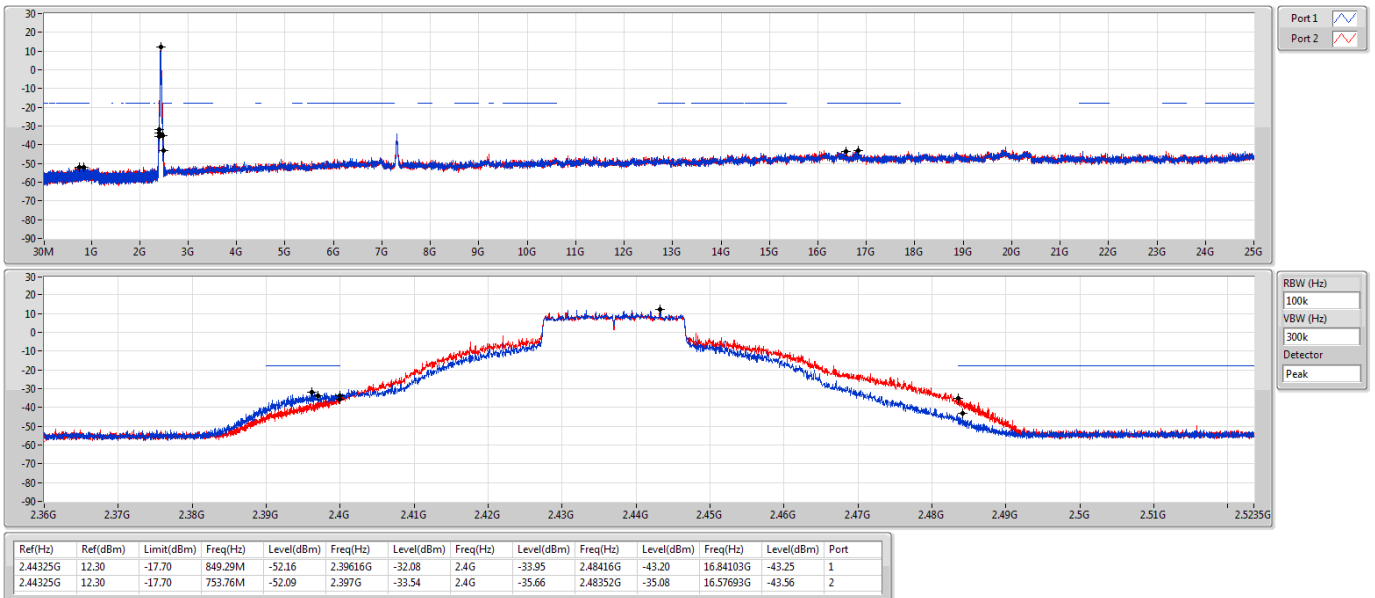
2412MHz



802.11ax HEW20_Nss1,(MCS0)_2TX

CSE NdB

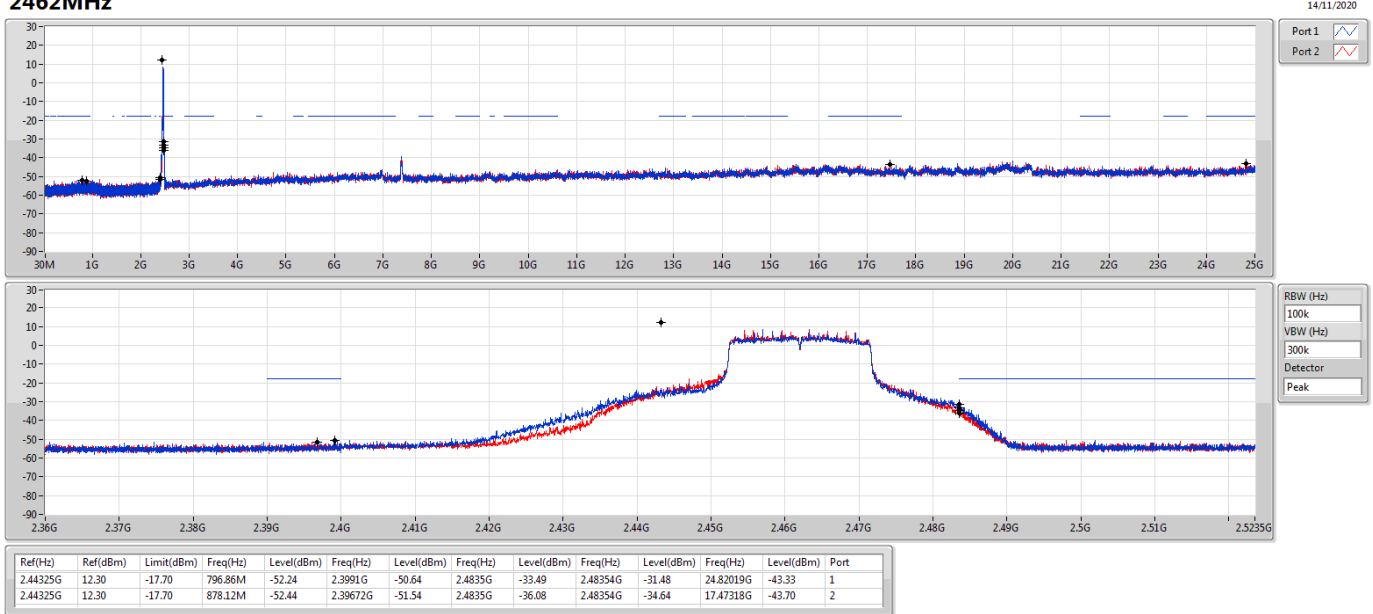
2437MHz



802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz

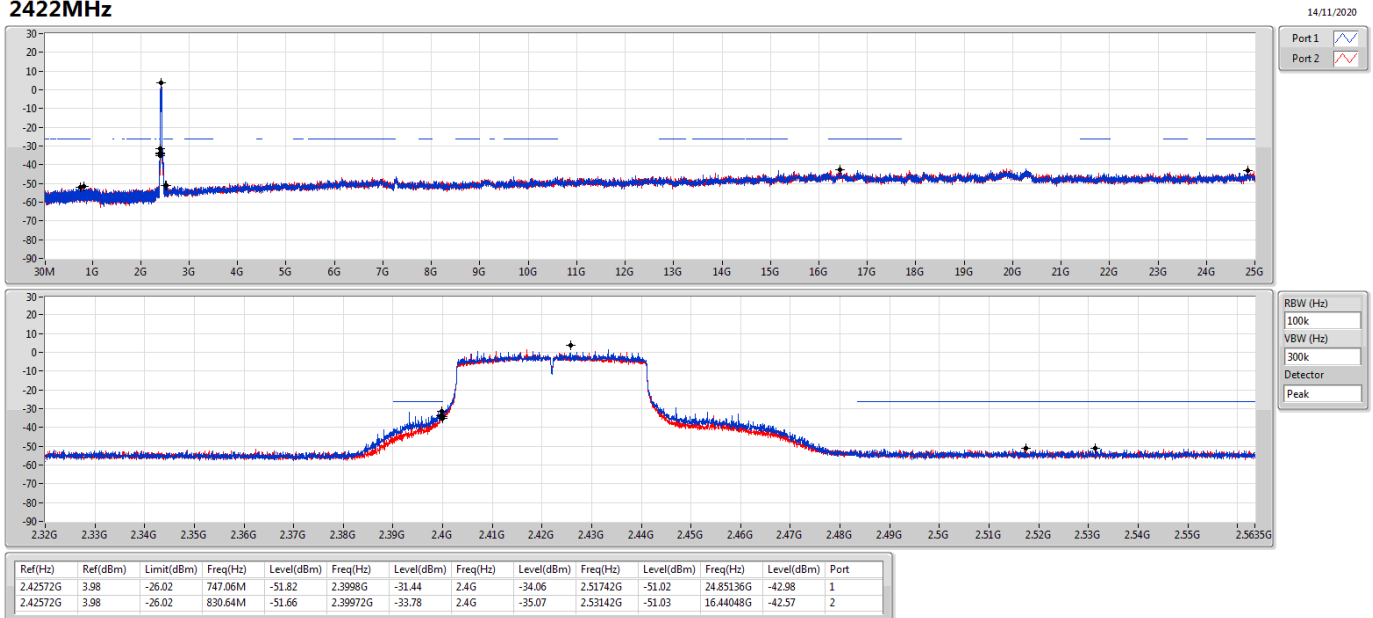
CSE NdB



802.11ax HEW40_Nss1,(MCS0)_2TX

2422MHz

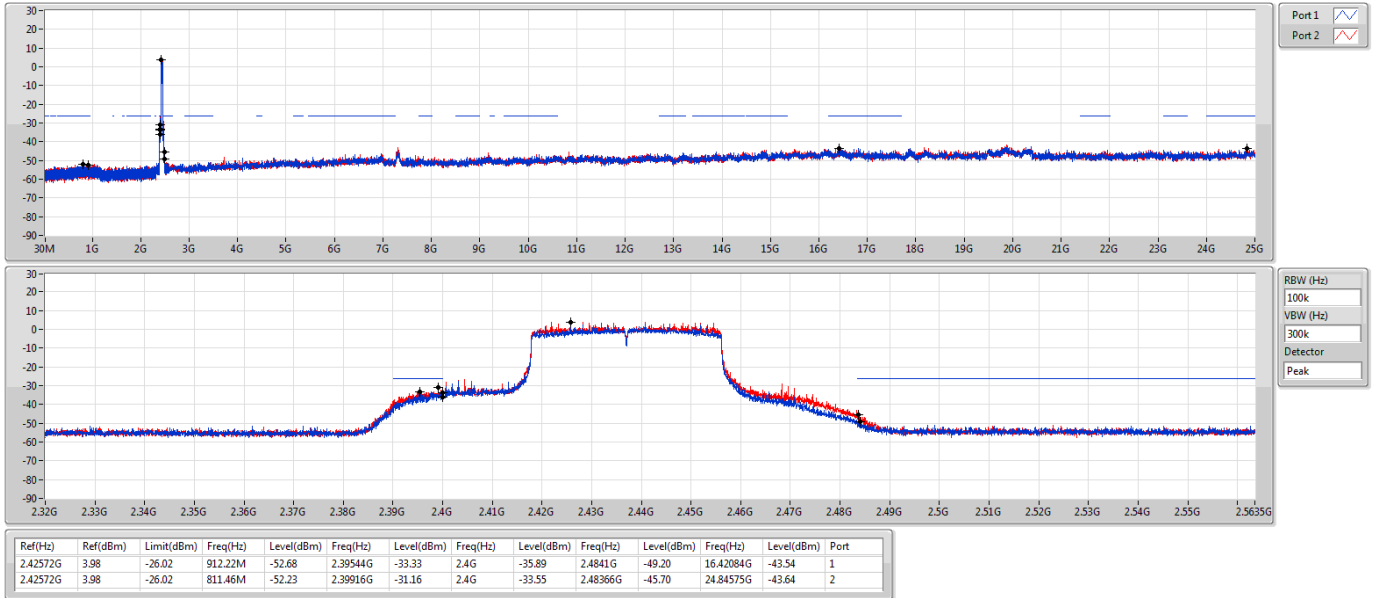
CSE NdB



802.11ax HEW40_Nss1,(MCS0)_2TX

CSE NdB

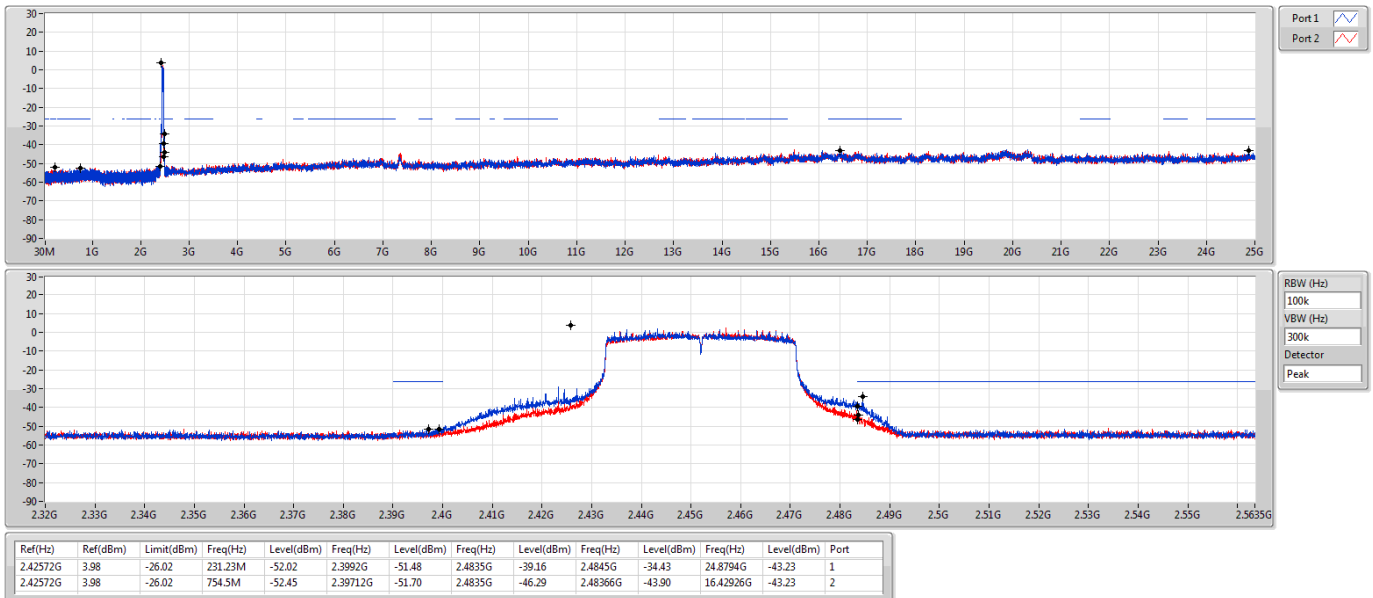
2437MHz



802.11ax HEW40_Nss1,(MCS0)_2TX

CSE NdB

2452MHz





For non-beamforming mode:

For Set 2:

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43749G	13.84	-16.16	223.97M	-37.63	2.3985G	-30.29	2.4G	-33.12	2.51178G	-47.54	15.18901G	-41.79	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.44196G	11.74	-18.26	223.97M	-39.19	2.39912G	-26.81	2.4G	-26.73	2.52124G	-47.12	17.46475G	-41.79	1
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.44196G	11.38	-18.62	223.97M	-38.90	2.39994G	-28.12	2.4G	-27.53	2.48858G	-47.48	17.43947G	-41.00	1
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	2.44826G	1.81	-28.19	223.79M	-37.25	2.39996G	-30.42	2.4G	-34.23	2.49962G	-47.92	15.15879G	-41.15	2

**Result**

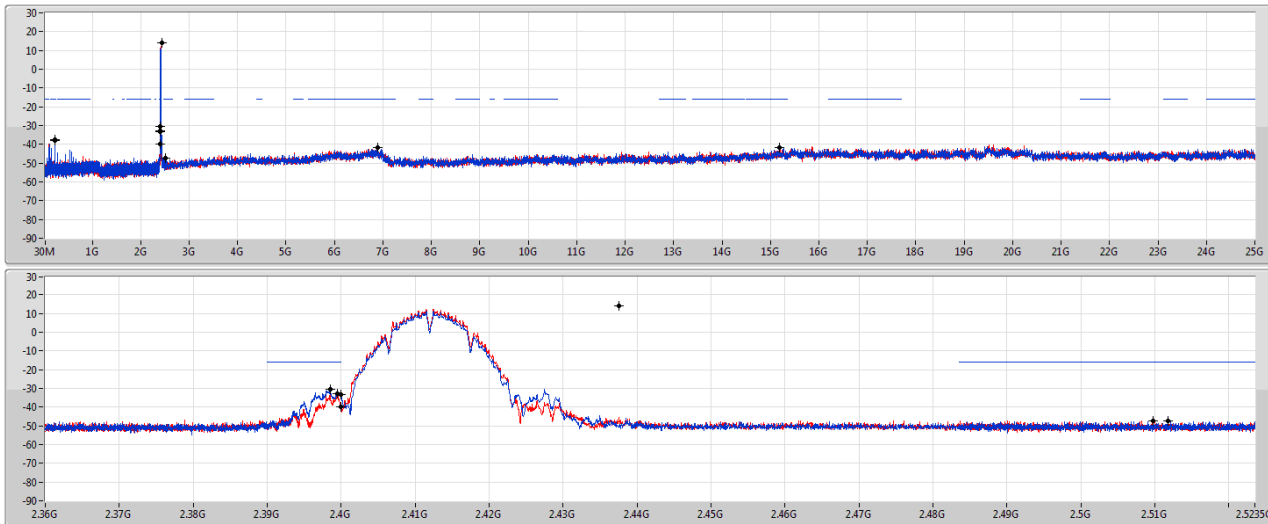
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43749G	13.84	-16.16	223.97M	-37.63	2.3985G	-30.29	2.4G	-33.12	2.51178G	-47.54	15.18901G	-41.79	1
2412MHz	Pass	2.43749G	13.84	-16.16	223.97M	-38.04	2.3995G	-32.59	2.4G	-39.83	2.50974G	-47.11	6.88394G	-41.90	2
2437MHz	Pass	2.43749G	13.84	-16.16	95.82M	-40.24	2.3975G	-45.91	2.4G	-48.86	2.48492G	-47.20	17.3917G	-42.17	1
2437MHz	Pass	2.43749G	13.84	-16.16	223.97M	-38.66	2.3965G	-31.19	2.4G	-36.73	2.4845G	-42.07	16.85227G	-42.19	2
2462MHz	Pass	2.43749G	13.84	-16.16	223.97M	-37.39	2.39578G	-47.60	2.4835G	-50.34	2.4835G	-46.89	15.25644G	-41.16	1
2462MHz	Pass	2.43749G	13.84	-16.16	223.97M	-37.39	2.39712G	-48.46	2.4835G	-43.82	2.4835G	-44.64	16.3606G	-41.10	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44196G	11.74	-18.26	223.97M	-39.19	2.39912G	-26.81	2.4G	-26.73	2.52124G	-47.12	17.46475G	-41.79	1
2412MHz	Pass	2.44196G	11.74	-18.26	223.97M	-37.56	2.39964G	-29.24	2.4G	-28.78	2.5149G	-46.92	16.92813G	-41.96	2
2437MHz	Pass	2.44196G	11.74	-18.26	223.97M	-37.43	2.3995G	-35.80	2.4G	-36.72	2.51314G	-47.22	24.45494G	-41.21	1
2437MHz	Pass	2.44196G	11.74	-18.26	223.97M	-36.71	2.39704G	-40.00	2.4G	-42.21	2.48366G	-42.74	6.96823G	-41.16	2
2462MHz	Pass	2.44196G	11.74	-18.26	223.97M	-38.35	2.3945G	-47.27	2.4835G	-37.12	2.48352G	-37.05	24.7949G	-41.63	1
2462MHz	Pass	2.44196G	11.74	-18.26	223.97M	-39.15	2.3942G	-46.60	2.4835G	-40.92	2.48386G	-39.06	6.58051G	-42.19	2
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44196G	11.38	-18.62	223.97M	-38.90	2.39994G	-28.12	2.4G	-27.53	2.48858G	-47.48	17.43947G	-41.00	1
2412MHz	Pass	2.44196G	11.38	-18.62	95.82M	-39.09	2.4G	-28.10	2.4G	-28.40	2.4936G	-46.68	16.88036G	-41.61	2
2437MHz	Pass	2.44196G	11.38	-18.62	95.82M	-39.05	2.39922G	-36.54	2.4G	-36.84	2.49702G	-46.65	6.98228G	-41.80	1
2437MHz	Pass	2.44196G	11.38	-18.62	223.97M	-36.99	2.3996G	-43.20	2.4G	-45.63	2.48438G	-44.64	16.77641G	-41.75	2
2462MHz	Pass	2.44196G	11.38	-18.62	223.97M	-37.20	2.39952G	-47.87	2.4835G	-41.27	2.48384G	-40.40	6.58613G	-41.33	1
2462MHz	Pass	2.44196G	11.38	-18.62	223.97M	-37.82	2.3997G	-47.71	2.4835G	-43.95	2.48388G	-43.39	6.67603G	-42.04	2
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.44826G	1.81	-28.19	223.79M	-38.33	2.39988G	-32.98	2.4G	-32.36	2.54162G	-47.06	17.21453G	-42.33	1
2422MHz	Pass	2.44826G	1.81	-28.19	223.79M	-37.25	2.39996G	-30.42	2.4G	-34.23	2.49962G	-47.92	15.15879G	-41.15	2
2437MHz	Pass	2.44826G	1.81	-28.19	223.79M	-38.89	2.39916G	-38.93	2.4G	-40.23	2.5023G	-48.03	15.15038G	-40.95	1
2437MHz	Pass	2.44826G	1.81	-28.19	223.79M	-39.14	2.39948G	-33.51	2.4G	-39.18	2.48394G	-46.91	24.53725G	-42.05	2
2452MHz	Pass	2.44826G	1.81	-28.19	223.79M	-38.04	2.39972G	-45.93	2.4835G	-42.34	2.48402G	-40.28	15.2906G	-41.67	1
2452MHz	Pass	2.44826G	1.81	-28.19	223.79M	-39.89	2.39612G	-48.49	2.4835G	-43.77	2.48578G	-41.43	24.56249G	-42.01	2

802.11b_Nss1,(1Mbps)_2TX

2412MHz

CSE NdB

19/11/2020



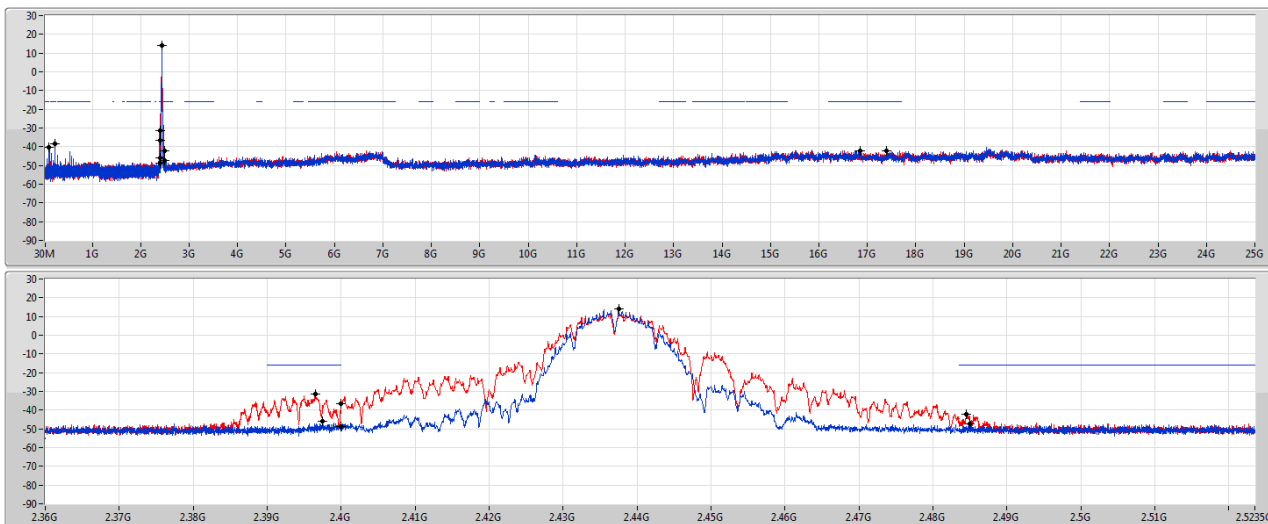
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2.43749G	13.84	-16.16	223.97M	-37.63	2.3985G	-30.29	2.4G	-33.12	2.51178G	-47.54	15.18901G	-41.79	1
2.43749G	13.84	-16.16	223.97M	-38.04	2.3995G	-32.59	2.4G	-39.83	2.50974G	-47.11	6.88394G	-41.90	2

802.11b_Nss1,(1Mbps)_2TX

2437MHz

CSE NdB

19/11/2020

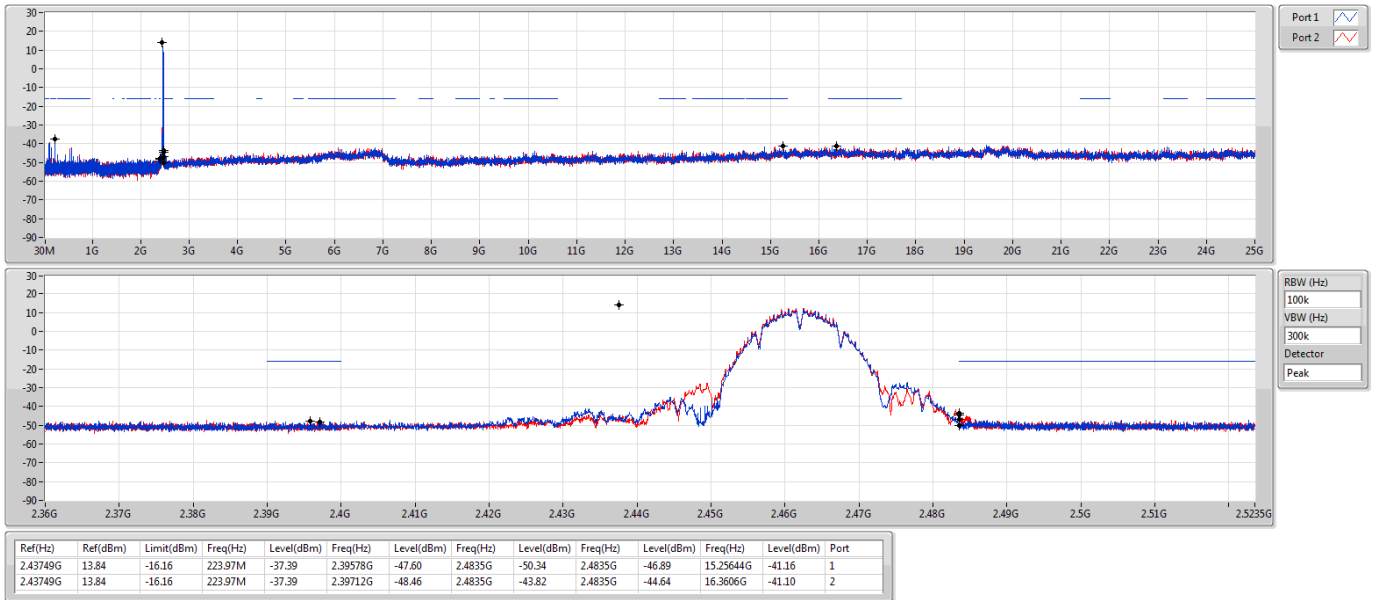


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43749G	13.84	-16.16	95.82M	-40.24	2.3975G	-45.91	2.4G	-48.86	2.48492G	-47.20	17.3917G	-42.17	1
2.43749G	13.84	-16.16	223.97M	-38.66	2.3965G	-31.19	2.4G	-36.73	2.4845G	-42.07	16.85227G	-42.19	2

802.11b_Nss1,(1Mbps)_2TX

2462MHz

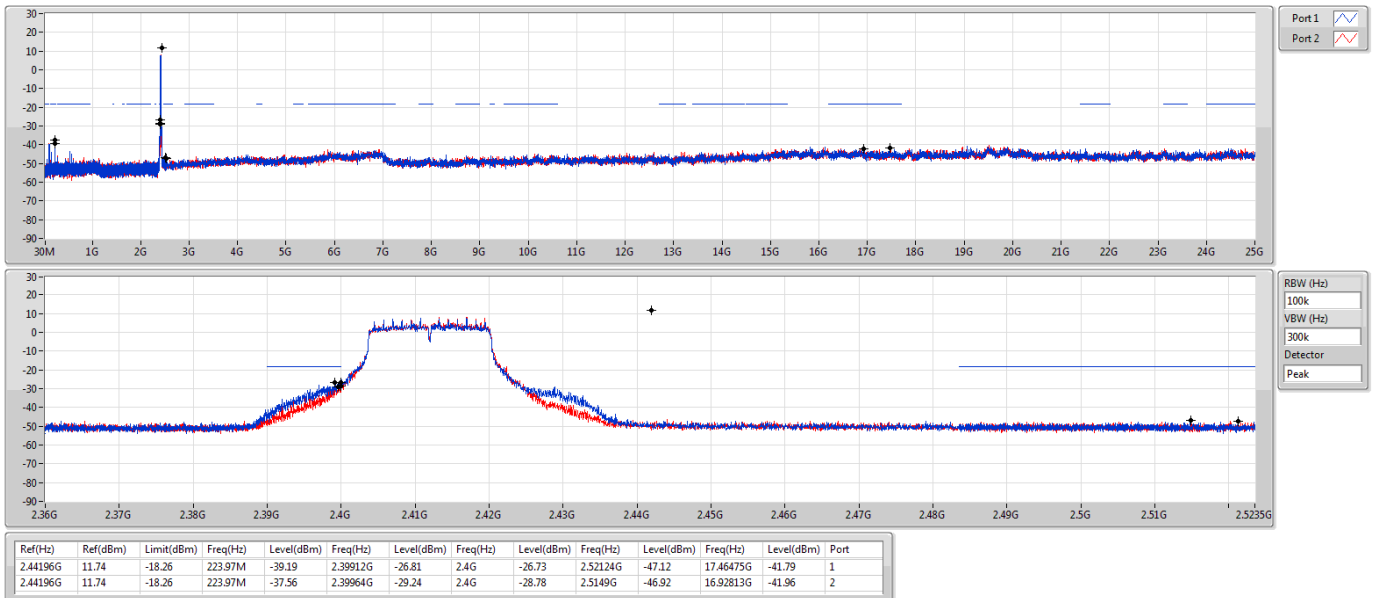
CSE NdB



802.11g_Nss1,(6Mbps)_2TX

2412MHz

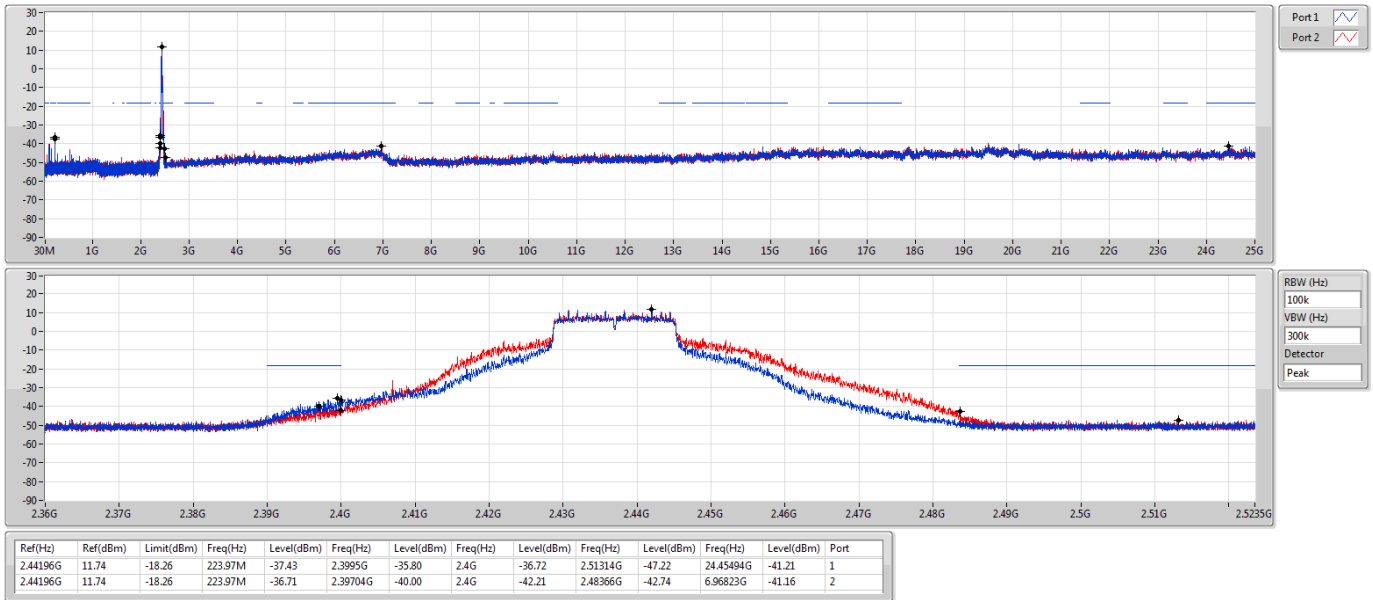
CSE NdB



802.11g_Nss1,(6Mbps)_2TX

2437MHz

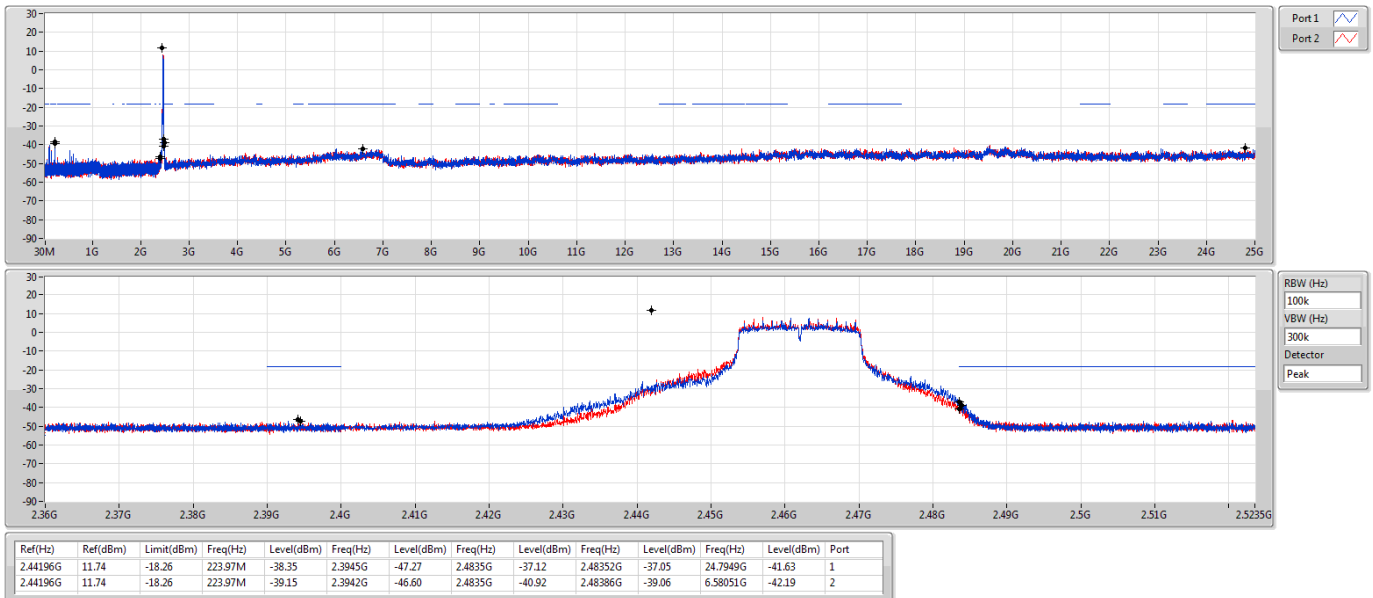
CSE NdB



802.11g_Nss1,(6Mbps)_2TX

2462MHz

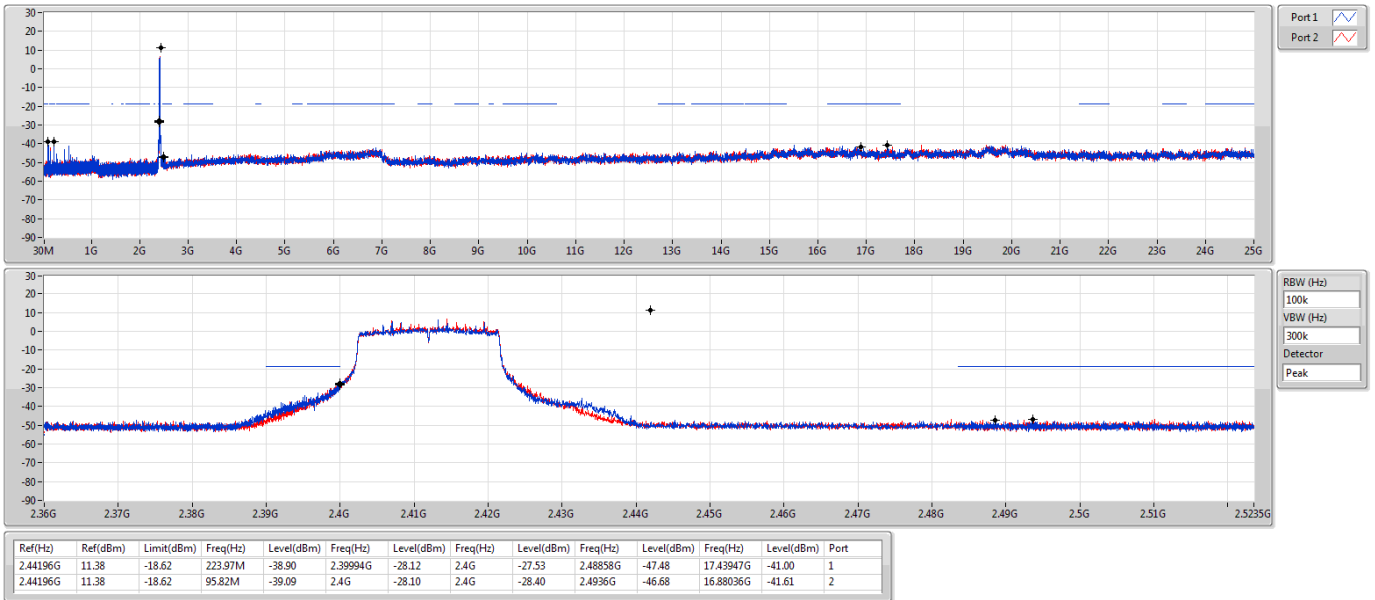
CSE NdB



802.11ax HEW20_Nss1,(MCS0)_2TX

CSE NdB

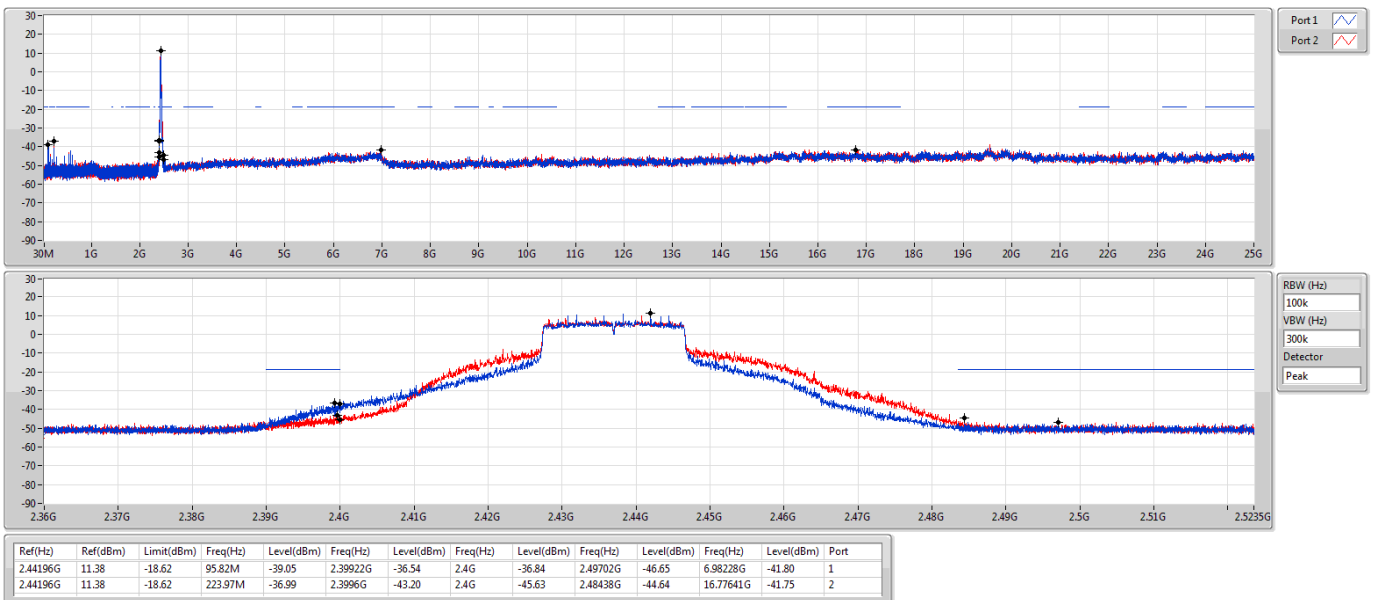
2412MHz



802.11ax HEW20_Nss1,(MCS0)_2TX

CSE NdB

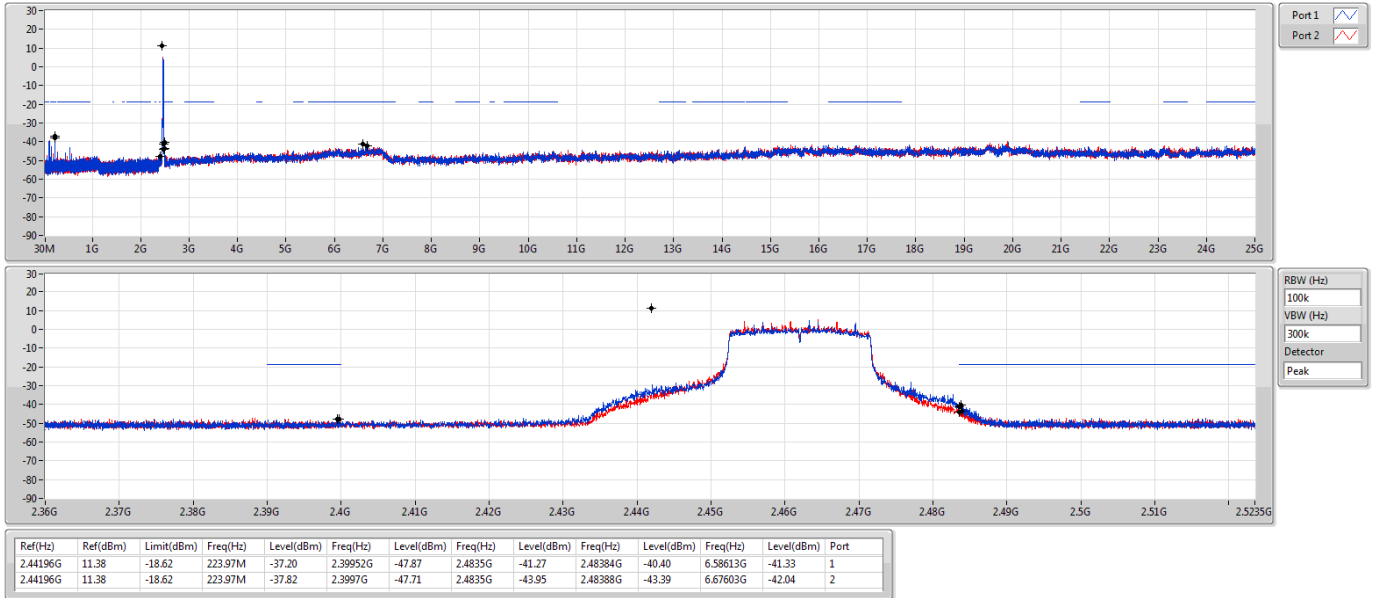
2437MHz



802.11ax HEW20_Nss1,(MCS0)_2TX

CSE NdB

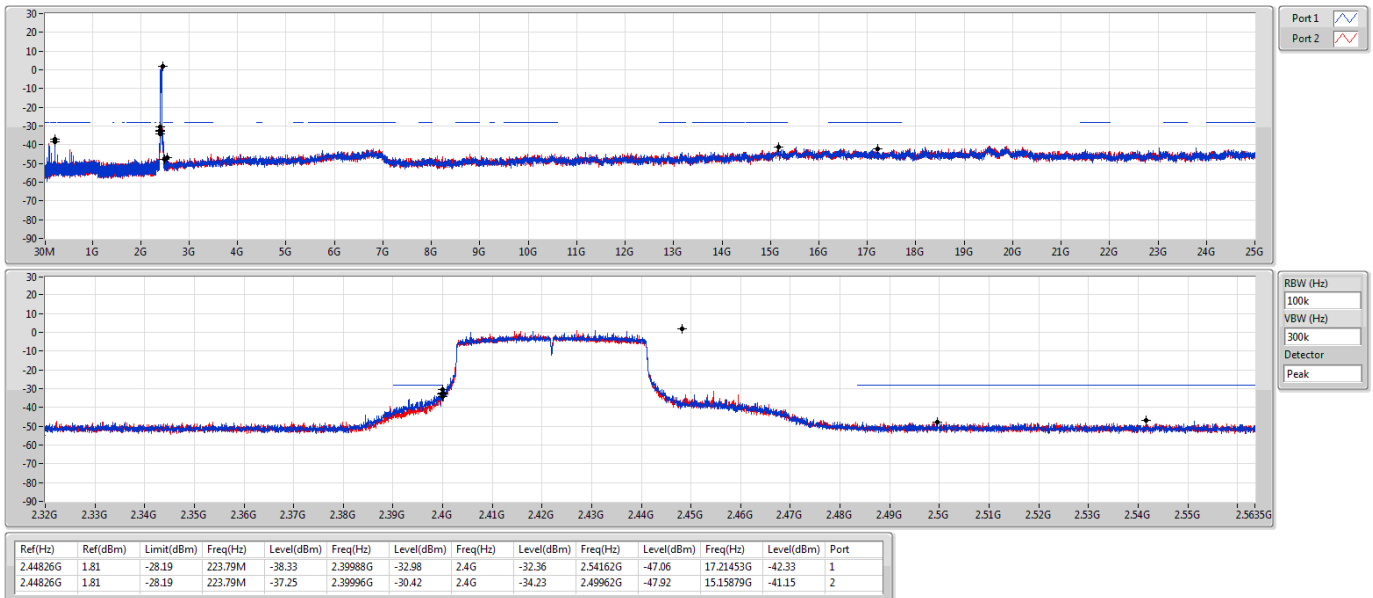
2462MHz



802.11ax HEW40_Nss1,(MCS0)_2TX

CSE NdB

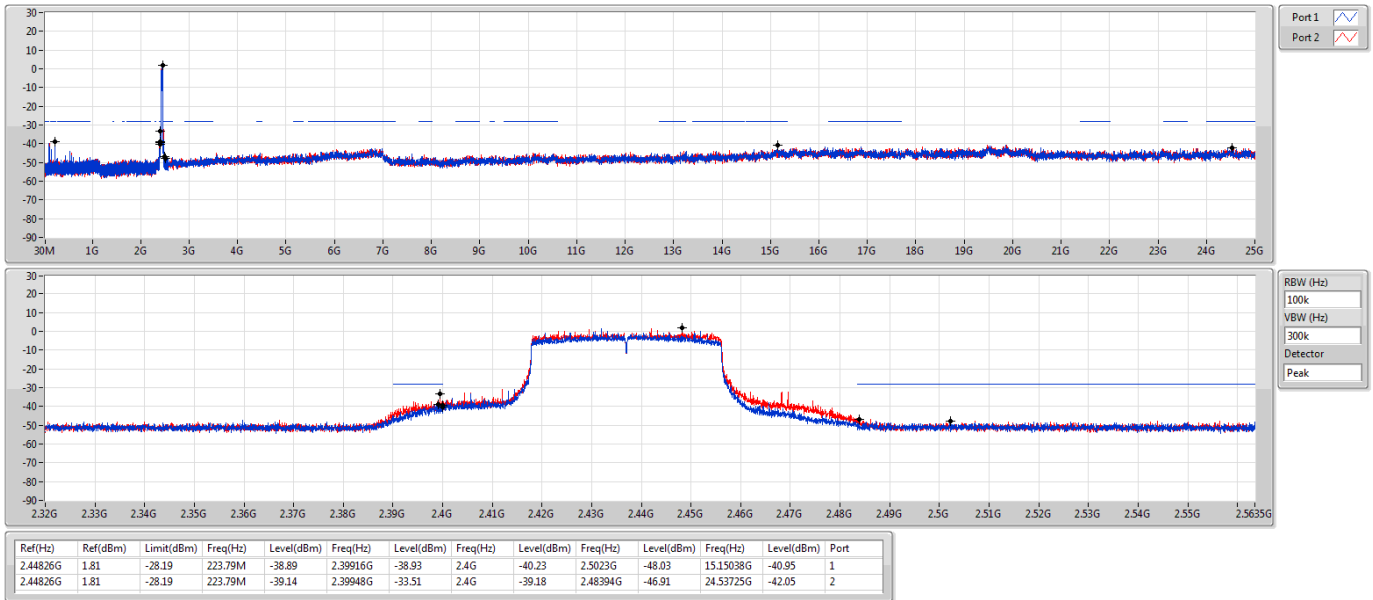
2422MHz



802.11ax HEW40_Nss1,(MCS0)_2TX

2437MHz

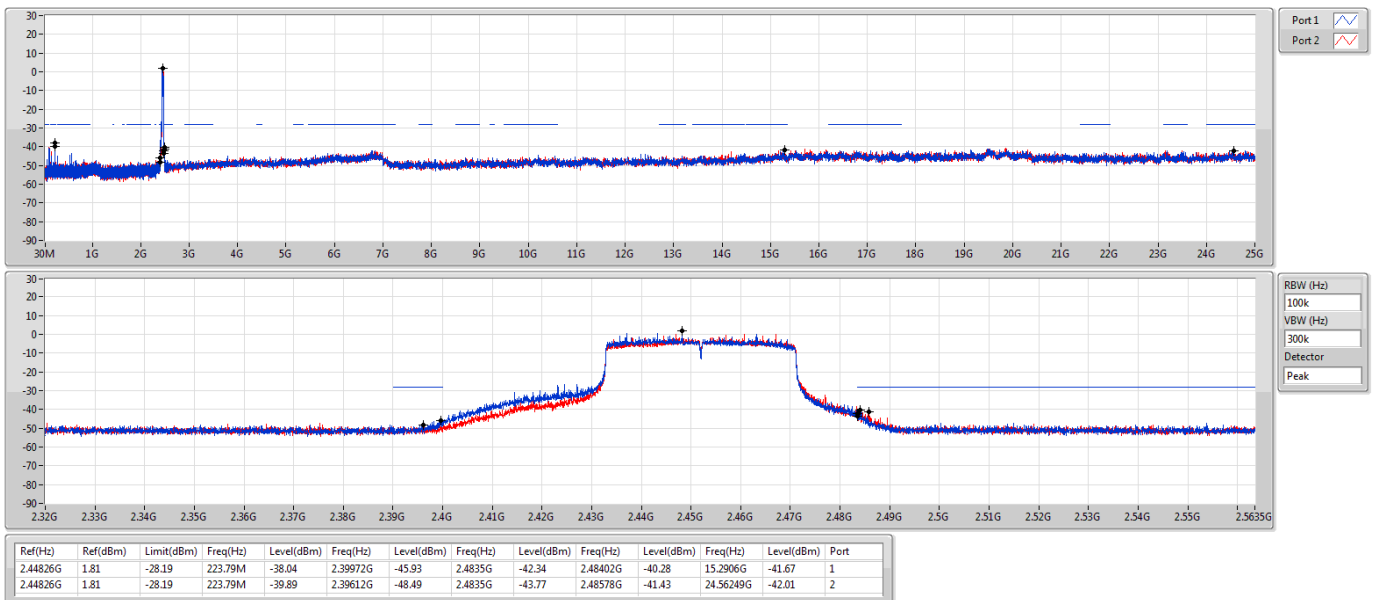
CSE NdB



802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz

CSE NdB





For beamforming mode:

For Set 1:

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	Pass	2.43449G	11.85	-18.15	223.97M	-36.82	2.39976G	-25.14	2.4G	-26.42	2.50452G	-47.46	16.44207G	-41.95	1
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	2.42597G	8.84	-21.16	224.08M	-38.02	2.39952G	-31.69	2.4G	-38.95	2.48358G	-40.49	24.92708G	-41.96	2

Result

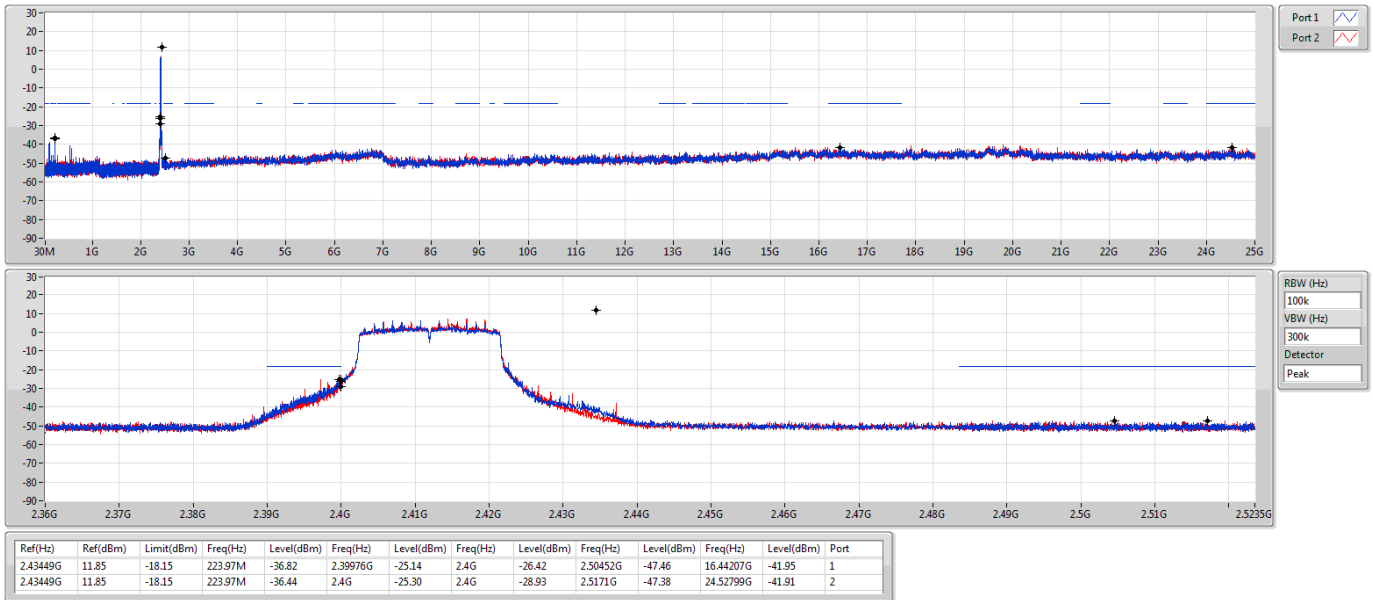
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11ax HEW20-BF_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43449G	11.85	-18.15	223.97M	-36.82	2.39976G	-25.14	2.4G	-26.42	2.50452G	-47.46	16.44207G	-41.95	1
2412MHz	Pass	2.43449G	11.85	-18.15	223.97M	-36.44	2.4G	-25.30	2.4G	-28.93	2.5171G	-47.38	24.52799G	-41.91	2
2437MHz	Pass	2.43449G	11.85	-18.15	223.97M	-38.28	2.3955G	-45.22	2.4835G	-48.58	2.49654G	-46.99	24.68252G	-42.02	1
2437MHz	Pass	2.43449G	11.85	-18.15	95.82M	-37.86	2.39972G	-48.10	2.4835G	-49.62	2.5048G	-46.63	16.43926G	-41.45	2
2462MHz	Pass	2.43449G	11.85	-18.15	223.68M	-38.11	2.39026G	-47.74	2.4835G	-40.09	2.4837G	-37.81	17.13323G	-41.89	1
2462MHz	Pass	2.43449G	11.85	-18.15	223.97M	-35.13	2.3977G	-48.65	2.4835G	-42.64	2.4843G	-40.64	16.72584G	-42.03	2
802.11ax HEW40-BF_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42597G	8.84	-21.16	223.79M	-35.96	2.4G	-32.67	2.4G	-33.27	2.48462G	-47.61	24.8794G	-41.07	1
2422MHz	Pass	2.42597G	8.84	-21.16	223.79M	-36.82	2.39324G	-33.66	2.4G	-36.04	2.52042G	-47.14	15.09709G	-41.78	2
2437MHz	Pass	2.42597G	8.84	-21.16	223.79M	-35.62	2.39952G	-32.71	2.4G	-35.38	2.48394G	-45.83	17.47816G	-41.81	1
2437MHz	Pass	2.42597G	8.84	-21.16	224.08M	-38.02	2.39952G	-31.69	2.4G	-38.95	2.48358G	-40.49	24.92708G	-41.96	2
2452MHz	Pass	2.42597G	8.84	-21.16	223.79M	-37.03	2.39608G	-47.22	2.4835G	-39.10	2.48446G	-33.29	24.90745G	-42.03	1
2452MHz	Pass	2.42597G	8.84	-21.16	223.79M	-37.01	2.39888G	-46.74	2.4835G	-42.11	2.48698G	-35.28	21.49149G	-41.49	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2412MHz

CSE NdB

27/11/2020

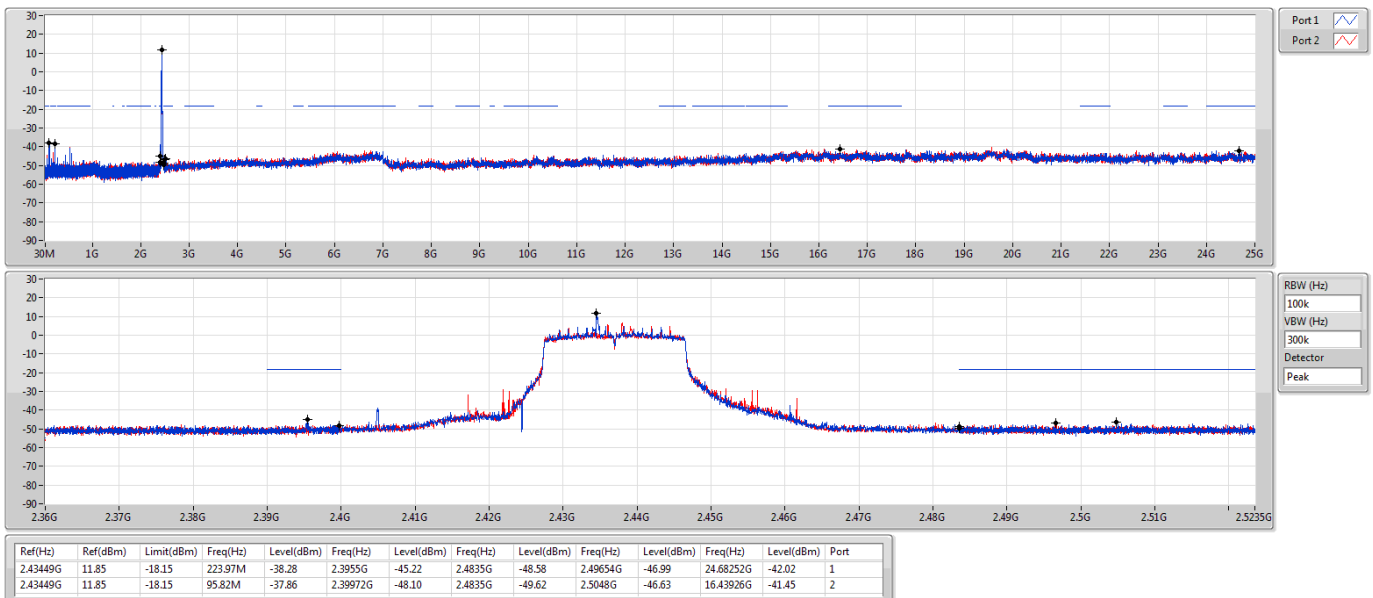


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2437MHz

CSE NdB

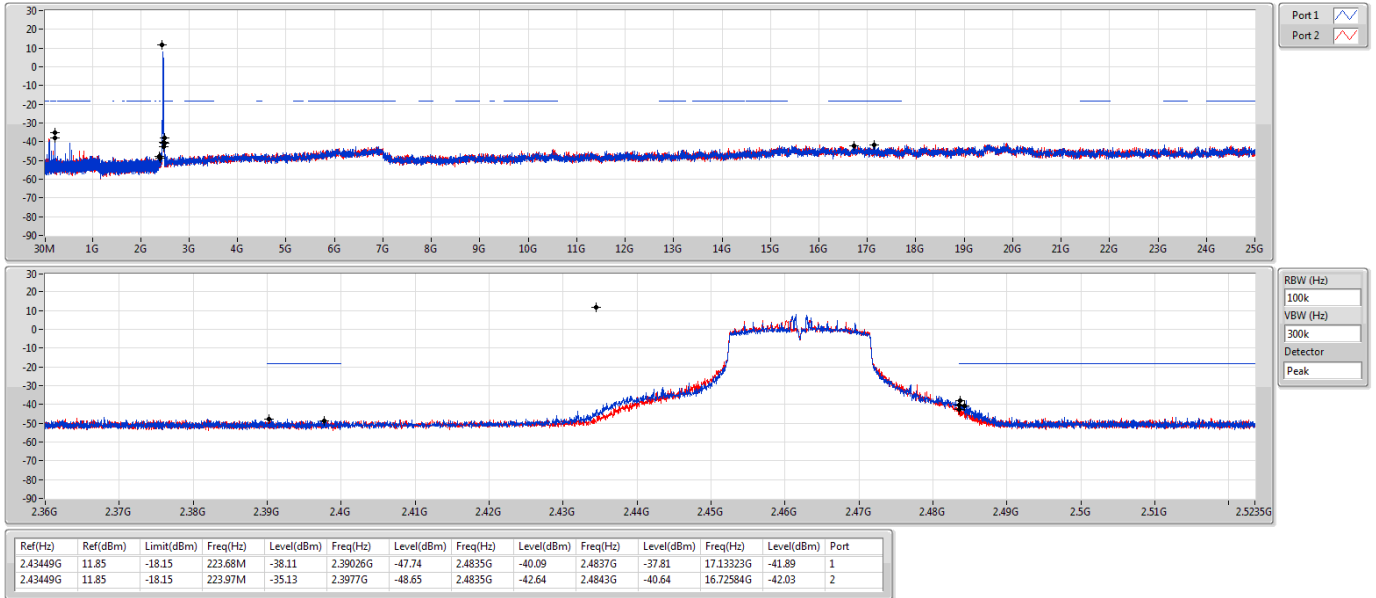
27/11/2020



802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2462MHz

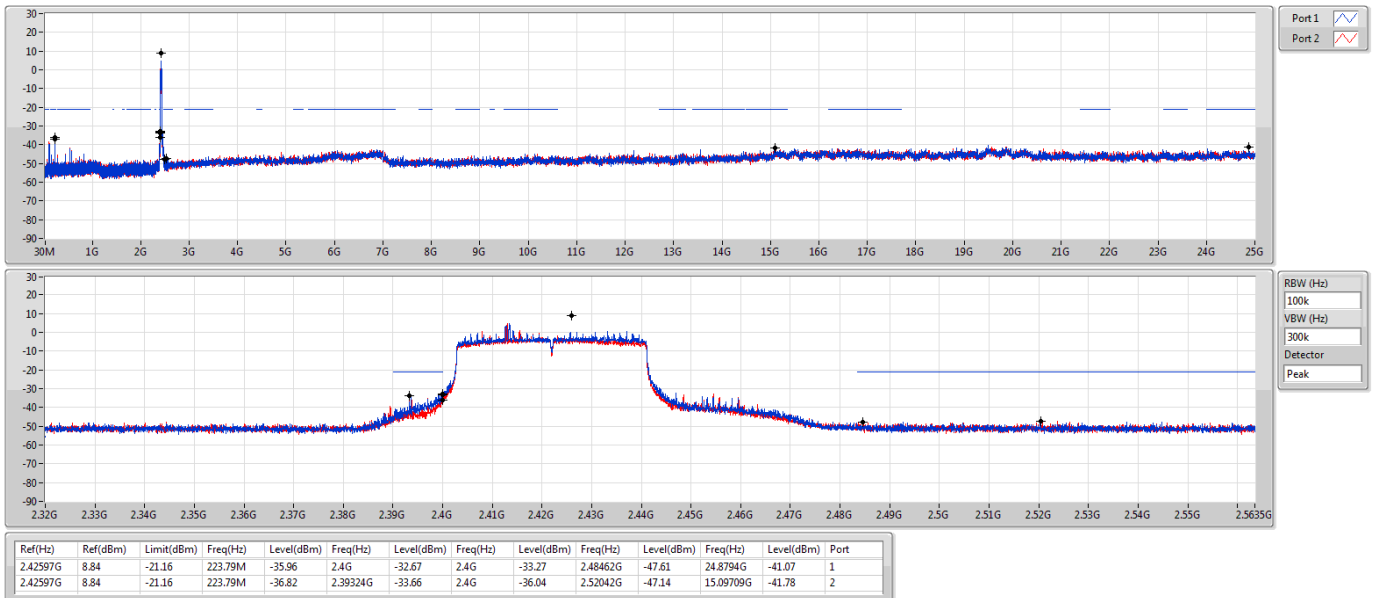
CSE NdB



802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2422MHz

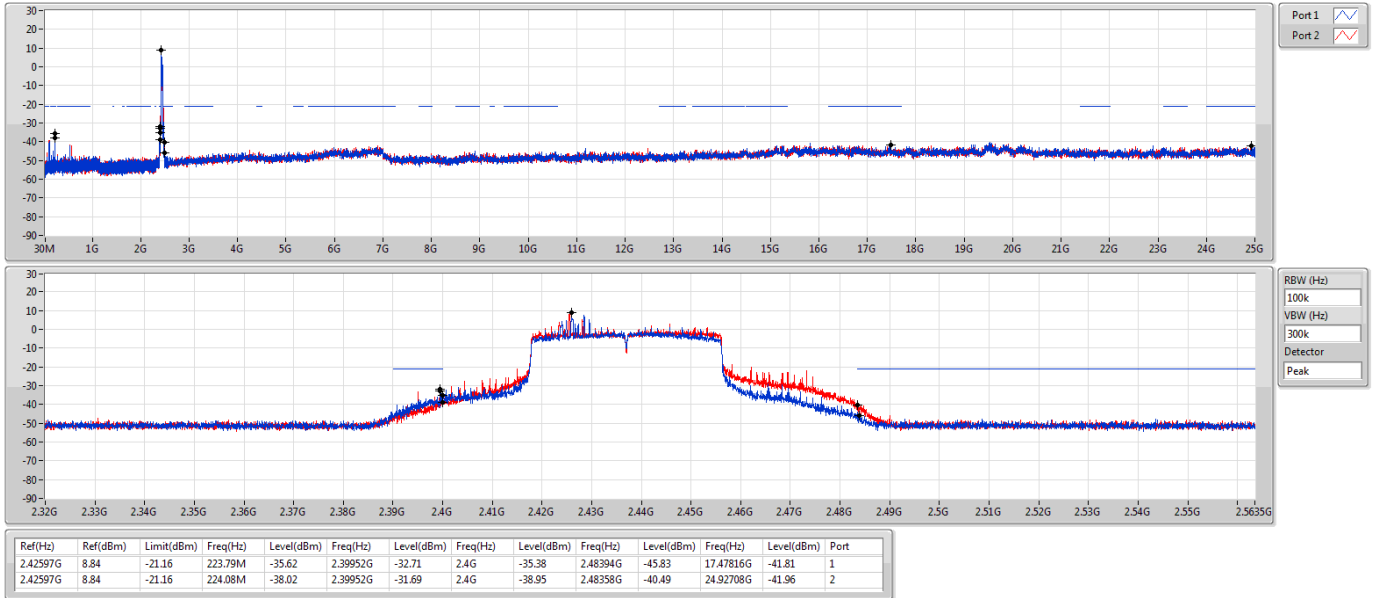
CSE NdB



802.11ax HEW40-BF_Nss1,(MCS0)_2TX

CSE NdB

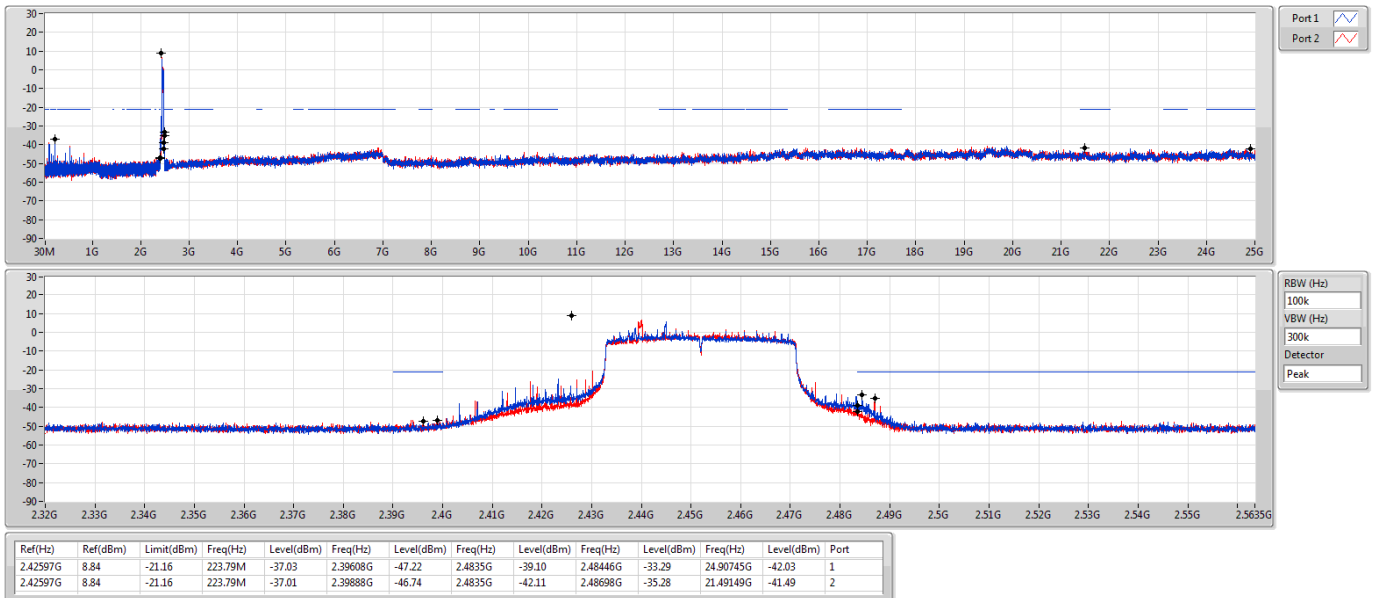
2437MHz



802.11ax HEW40-BF_Nss1,(MCS0)_2TX

CSE NdB

2452MHz





For beamforming mode:

For Set 2:

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	Pass	2.43649G	7.98	-22.02	223.97M	-36.76	2.39824G	-26.24	2.4G	-27.42	2.4845G	-46.14	16.40555G	-40.94	2
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	2.42847G	4.09	-25.91	223.79M	-35.64	2.39948G	-31.65	2.4G	-32.62	2.50394G	-47.96	16.74056G	-41.59	1

Result

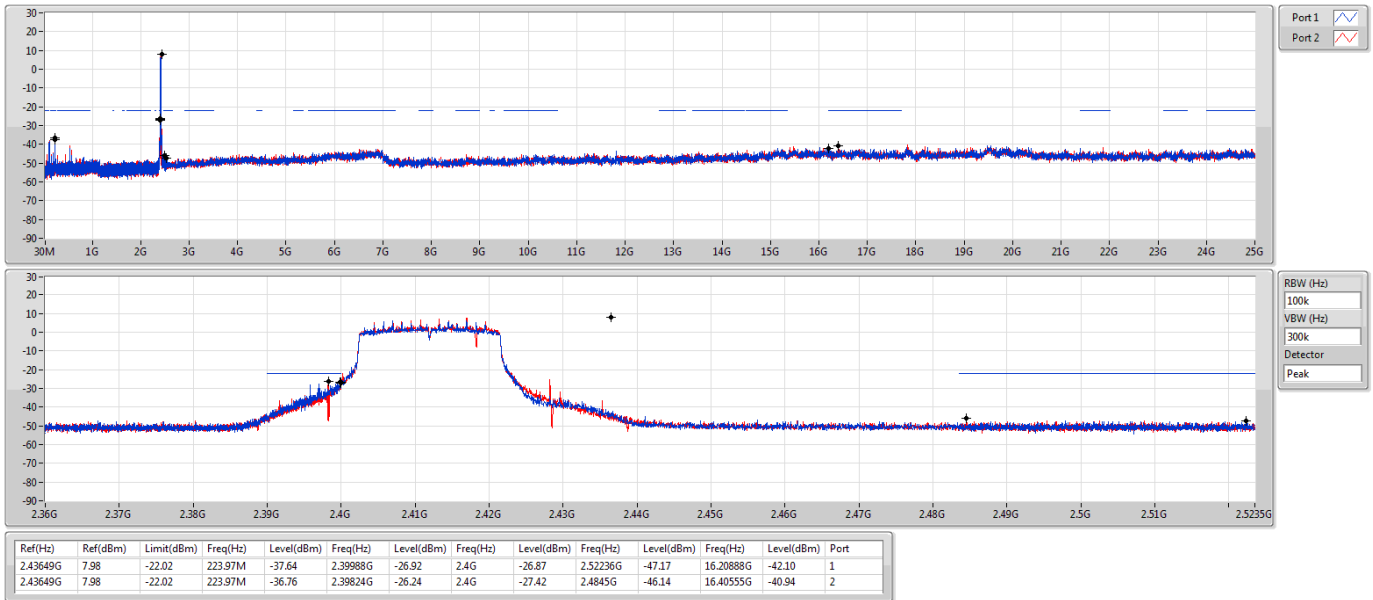
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11ax HEW20-BF_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43649G	7.98	-22.02	223.97M	-37.64	2.39988G	-26.92	2.4G	-26.87	2.52236G	-47.17	16.20888G	-42.10	1
2412MHz	Pass	2.43649G	7.98	-22.02	223.97M	-36.76	2.39824G	-26.24	2.4G	-27.42	2.4845G	-46.14	16.40555G	-40.94	2
2437MHz	Pass	2.43649G	7.98	-22.02	223.97M	-37.62	2.3947G	-46.61	2.4G	-49.42	2.4939G	-47.30	15.22553G	-41.60	1
2437MHz	Pass	2.43649G	7.98	-22.02	223.97M	-37.40	2.3919G	-47.18	2.4G	-49.11	2.51458G	-47.01	6.06355G	-41.67	2
2462MHz	Pass	2.43649G	7.98	-22.02	223.97M	-36.79	2.3976G	-47.70	2.4835G	-44.77	2.48366G	-41.70	16.44769G	-41.91	1
2462MHz	Pass	2.43649G	7.98	-22.02	223.97M	-36.87	2.3984G	-48.10	2.4835G	-45.92	2.48404G	-45.45	16.73146G	-41.50	2
802.11ax HEW40-BF_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42847G	4.09	-25.91	223.79M	-35.64	2.39948G	-31.65	2.4G	-32.62	2.50394G	-47.96	16.74056G	-41.59	1
2422MHz	Pass	2.42847G	4.09	-25.91	223.79M	-36.65	2.39968G	-34.67	2.4G	-35.74	2.50682G	-47.56	24.47274G	-41.68	2
2437MHz	Pass	2.42847G	4.09	-25.91	223.79M	-36.38	2.39932G	-37.02	2.4G	-40.16	2.48446G	-47.19	17.42768G	-41.53	1
2437MHz	Pass	2.42847G	4.09	-25.91	223.79M	-36.43	2.39948G	-35.56	2.4G	-43.61	2.48366G	-43.89	16.73776G	-41.37	2
2452MHz	Pass	2.42847G	4.09	-25.91	223.79M	-37.09	2.39536G	-49.01	2.4835G	-40.97	2.48446G	-37.07	21.87291G	-41.35	1
2452MHz	Pass	2.42847G	4.09	-25.91	224.08M	-37.47	2.39732G	-48.06	2.4835G	-46.02	2.48386G	-40.08	6.8068G	-40.34	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2412MHz

CSE NdB

27/11/2020

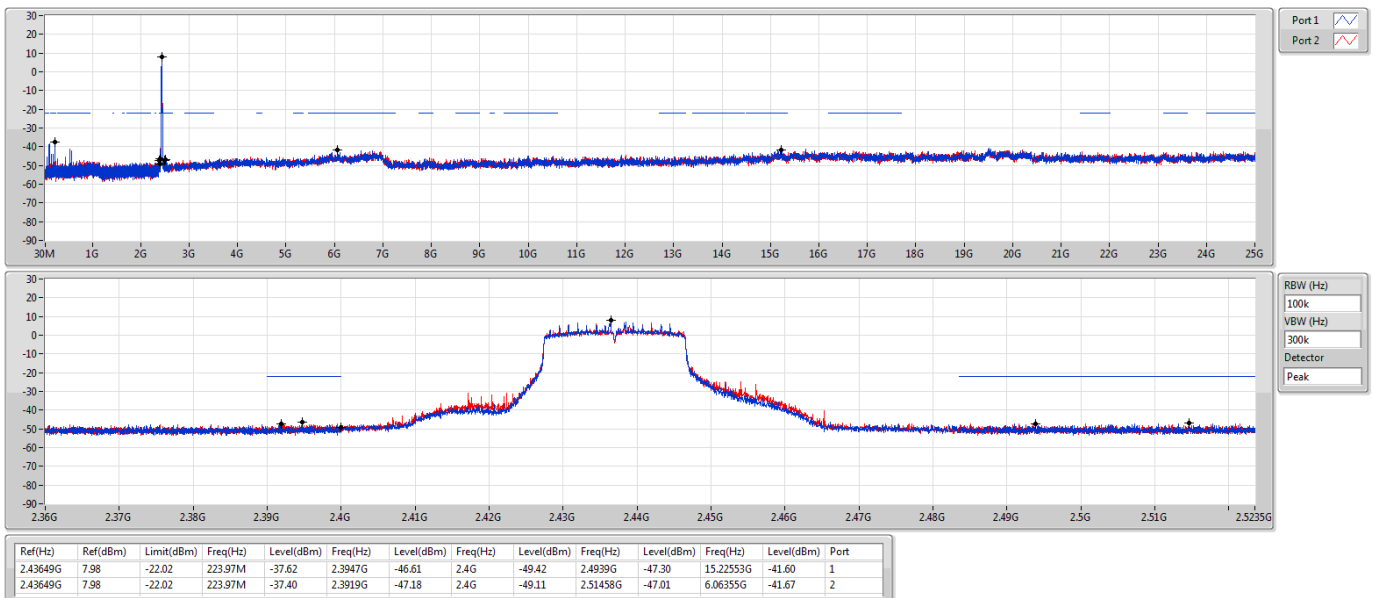


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2437MHz

CSE NdB

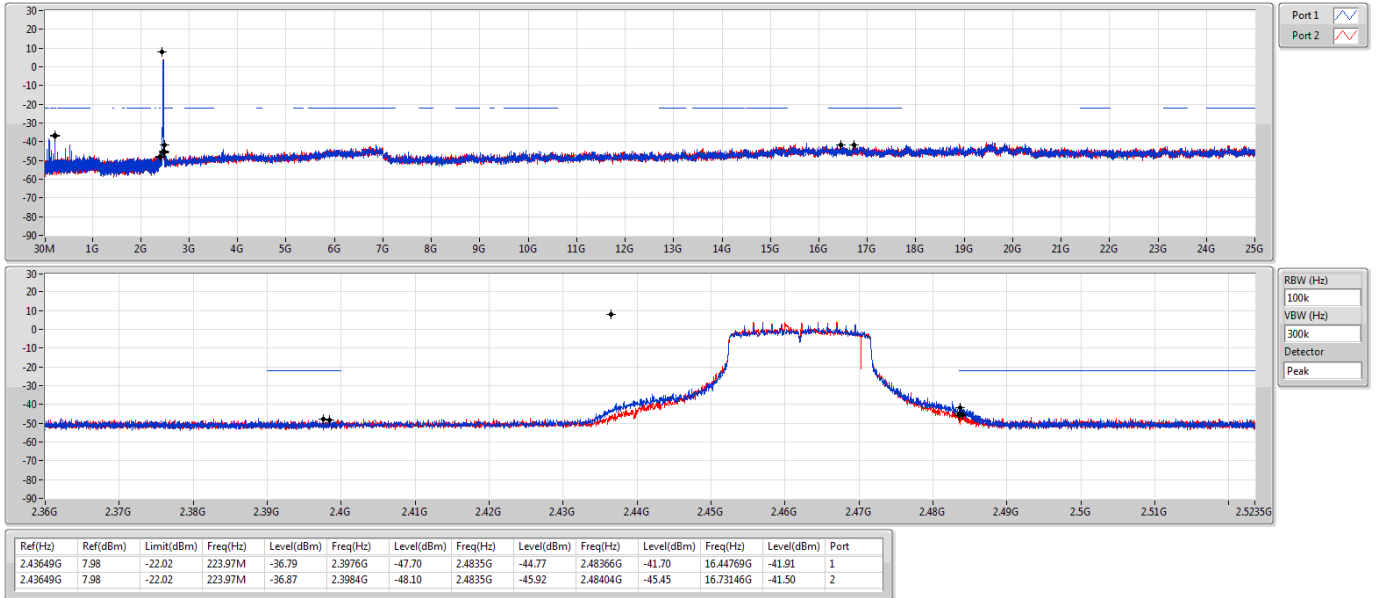
27/11/2020



802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2462MHz

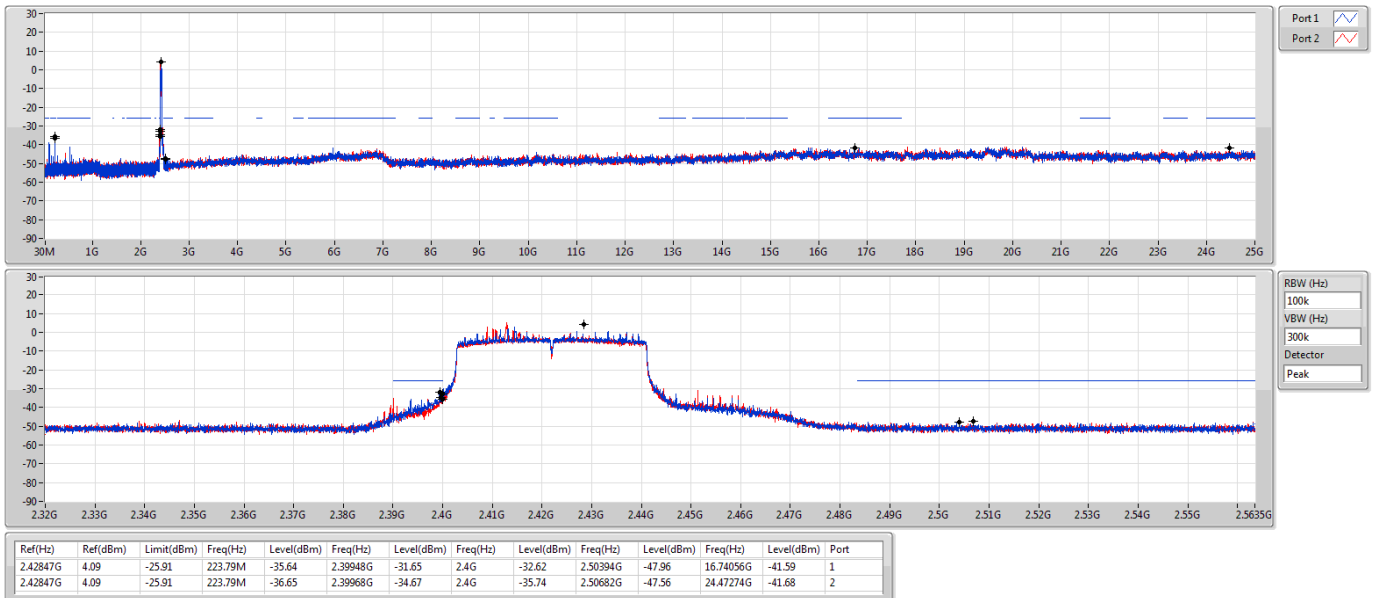
CSE NdB



802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2422MHz

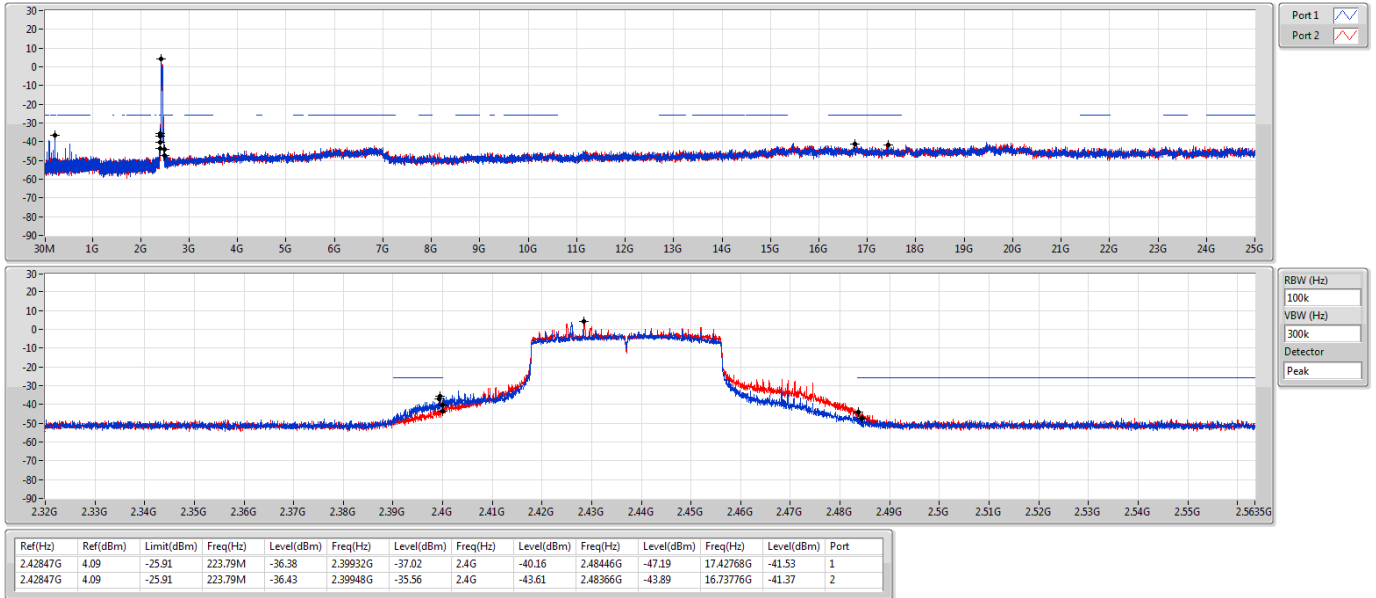
CSE NdB



802.11ax HEW40-BF_Nss1,(MCS0)_2TX

CSE NdB

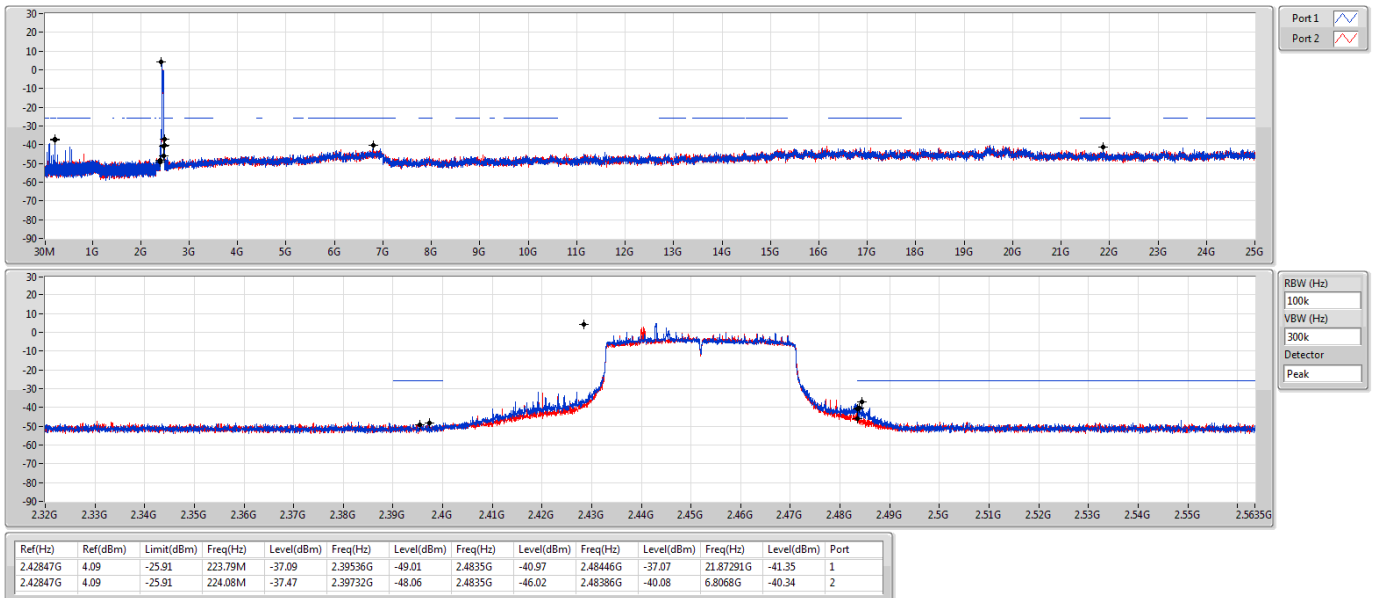
2437MHz



802.11ax HEW40-BF_Nss1,(MCS0)_2TX

CSE NdB

2452MHz





Radiated Emission below 1GHz Result

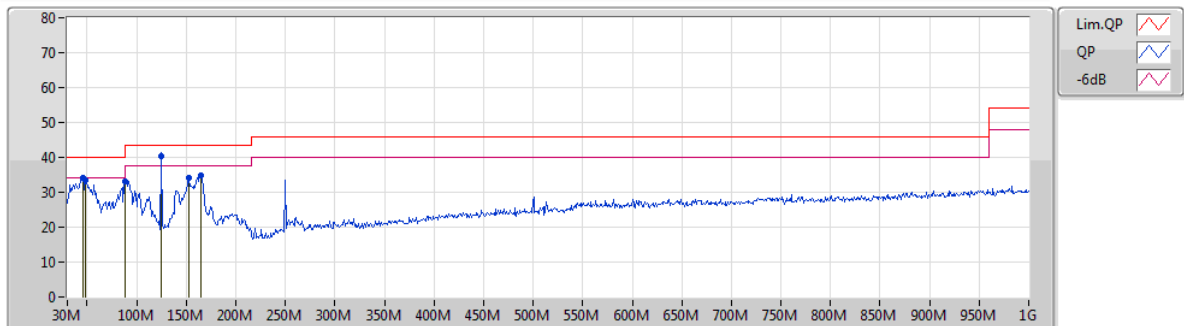
Appendix F.1

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 10	Pass	QP	125.06M	40.37	43.50	-3.13	Vertical

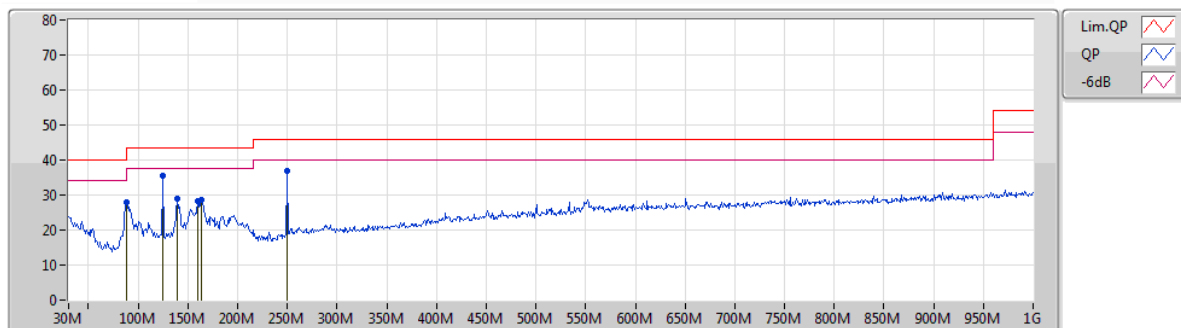
Test Mode: Mode 10

13/11/2020



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	45.52M	34.04	40.00	-5.96	-14.46	3	Vertical	182	1.00	-	48.50	16.42	0.60	31.48
PK	48.43M	33.53	40.00	-6.47	-15.82	3	Vertical	235	1.25	-	49.35	15.15	0.60	31.57
PK	88M	33.11	43.50	-10.39	-16.55	3	Vertical	177	1.50	-	49.66	14.27	1.00	31.82
QP	125.06M	40.37	43.50	-3.13	-12.41	3	Vertical	253	1.00	"Worst"	52.78	18.06	1.30	31.77
PK	164.83M	34.88	43.50	-8.62	-14.61	3	Vertical	195	1.00	-	49.49	15.72	1.42	31.75
PK	152.22M	34.24	43.50	-9.26	-14.15	3	Vertical	122	1.00	-	48.39	16.30	1.36	31.81

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Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	88M	27.95	43.50	-15.55	-16.55	3	Horizontal	185	2.00	-	44.50	14.27	1.00	31.82
PK	125.06M	35.37	43.50	-8.13	-12.41	3	Horizontal	147	3.00	"Worst"	47.78	18.06	1.30	31.77
PK	139.61M	28.85	43.50	-14.65	-13.55	3	Horizontal	133	2.00	-	42.40	17.16	1.30	32.01
PK	159.98M	28.18	43.50	-15.32	-14.34	3	Horizontal	106	3.00	-	42.52	15.94	1.40	31.68
PK	163.86M	28.75	43.50	-14.75	-14.46	3	Horizontal	92	2.00	-	43.21	15.86	1.42	31.74
PK	250.19M	36.96	46.00	-9.04	-12.28	3	Horizontal	70	1.50	-	49.24	17.77	1.90	31.95



For non-beamforming mode:

For Set 1:

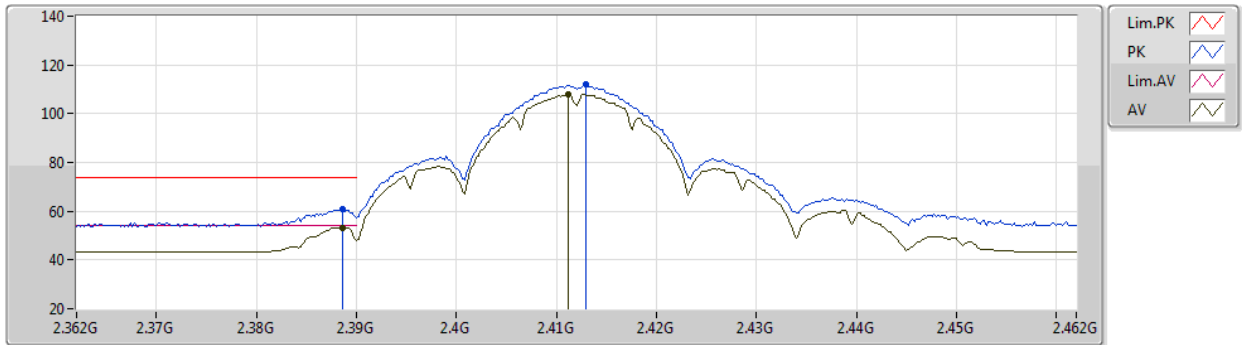
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.3886G	53.86	54.00	-0.14	3	Vertical	296	2.62	-

802.11b_Nss1,(1Mbps)_2TX

12/11/2020

2412MHz_TX



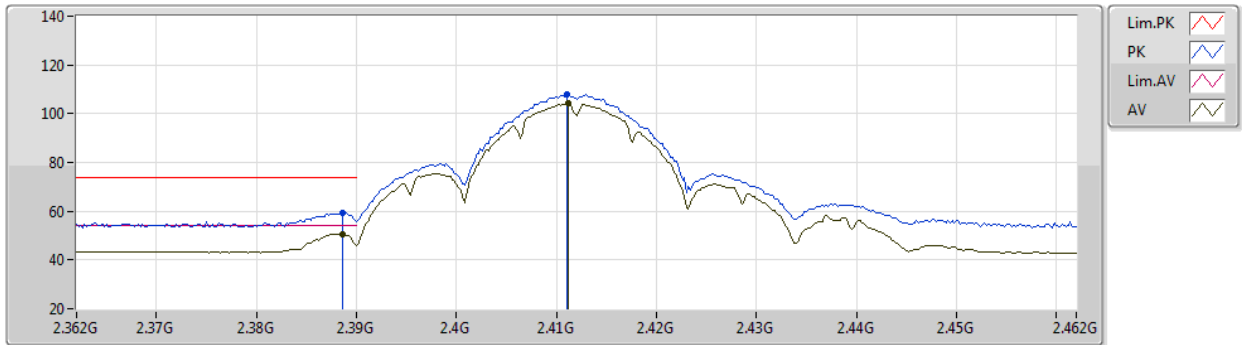
EUT Y_2TX
Setting 22.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3886G	60.74	74.00	-13.26	30.06	3	Vertical	231	2.52	-	27.60	3.08	-
AV	2.3886G	53.24	54.00	-0.76	22.56	3	Vertical	231	2.52	-	27.60	3.08	-
PK	2.413G	111.85	Inf	-Inf	81.19	3	Vertical	231	2.52	-	27.55	3.11	-
AV	2.4112G	108.06	Inf	-Inf	77.39	3	Vertical	231	2.52	-	27.56	3.11	-

802.11b_Nss1,(1Mbps)_2TX

12/11/2020

2412MHz_TX



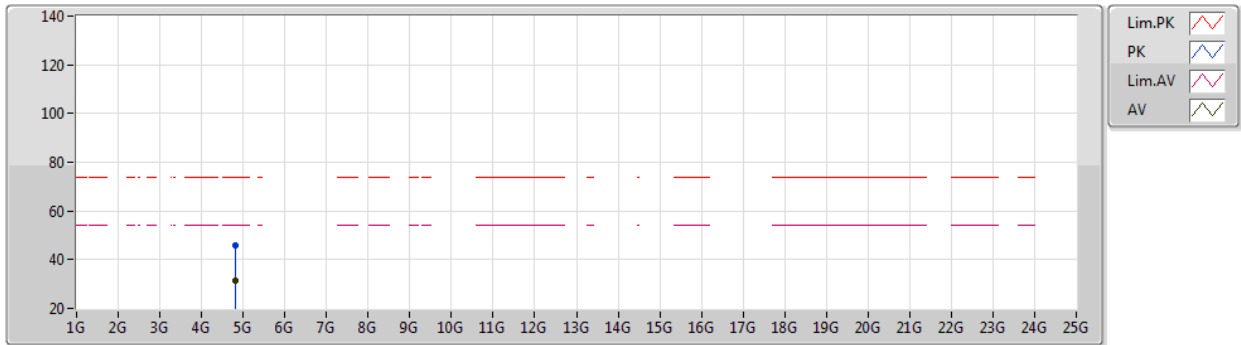
EUT Y_2TX
Setting 22.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3886G	59.36	74.00	-14.64	28.68	3	Horizontal	255	1.04	-	27.60	3.08	-
AV	2.3886G	50.61	54.00	-3.39	19.93	3	Horizontal	255	1.04	-	27.60	3.08	-
PK	2.411G	107.95	Inf	-Inf	77.28	3	Horizontal	255	1.04	-	27.56	3.11	-
AV	2.4112G	104.19	Inf	-Inf	73.52	3	Horizontal	255	1.04	-	27.56	3.11	-

802.11b_Nss1,(1Mbps)_2TX

12/11/2020

2412MHz_TX



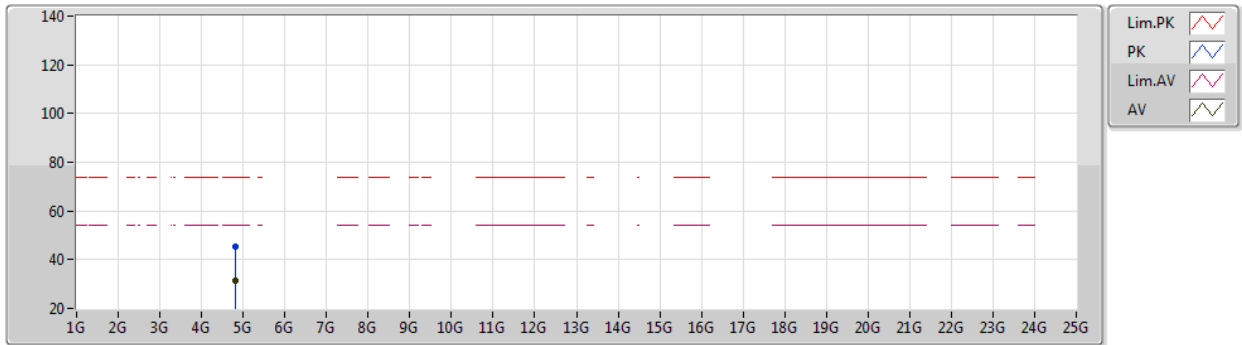
EUT Y_2TX
Setting 22.5
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.82456G	45.92	74.00	-28.08	41.56	3	Vertical	101	1.37	-	31.10	5.00	31.74
AV	4.82454G	31.61	54.00	-22.39	27.25	3	Vertical	101	1.37	-	31.10	5.00	31.74

802.11b_Nss1,(1Mbps)_2TX

12/11/2020

2412MHz_TX



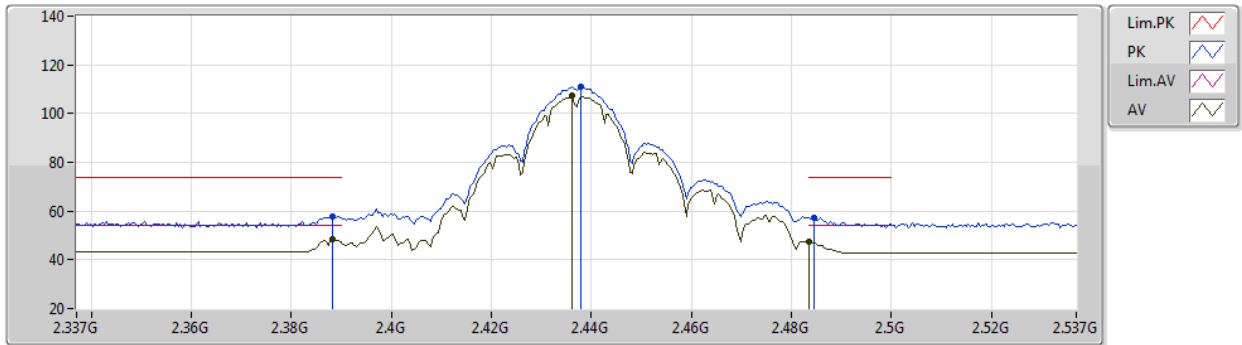
EUT Y_2TX
Setting 22.5
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.82468G	45.14	74.00	-28.86	40.78	3	Horizontal	16	2.06	-	31.10	5.00	31.74
AV	4.82378G	31.57	54.00	-22.43	27.21	3	Horizontal	16	2.06	-	31.10	5.00	31.74

802.11b_Nss1,(1Mbps)_2TX

12/11/2020

2437MHz_TX



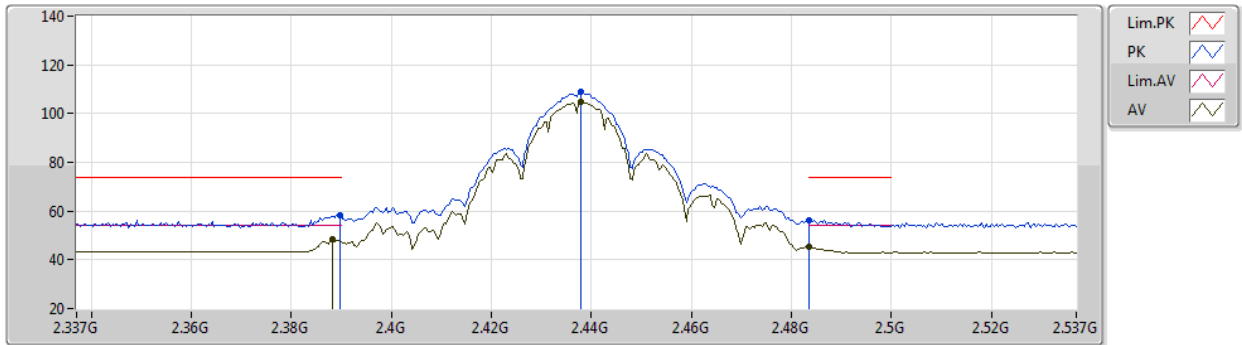
EUT Y_2TX
Setting 25
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3882G	57.88	74.00	-16.12	27.20	3	Vertical	280	1.80	-	27.60	3.08	-
AV	2.3882G	48.33	54.00	-5.67	17.65	3	Vertical	280	1.80	-	27.60	3.08	-
PK	2.4378G	111.23	Inf	-Inf	80.64	3	Vertical	280	1.80	-	27.45	3.14	-
AV	2.4362G	107.25	Inf	-Inf	76.65	3	Vertical	280	1.80	-	27.46	3.14	-
PK	2.4846G	57.28	74.00	-16.72	26.70	3	Vertical	280	1.80	-	27.40	3.18	-
AV	2.4835G	47.47	54.00	-6.53	16.89	3	Vertical	280	1.80	-	27.40	3.18	-

802.11b_Nss1,(1Mbps)_2TX

12/11/2020

2437MHz_TX



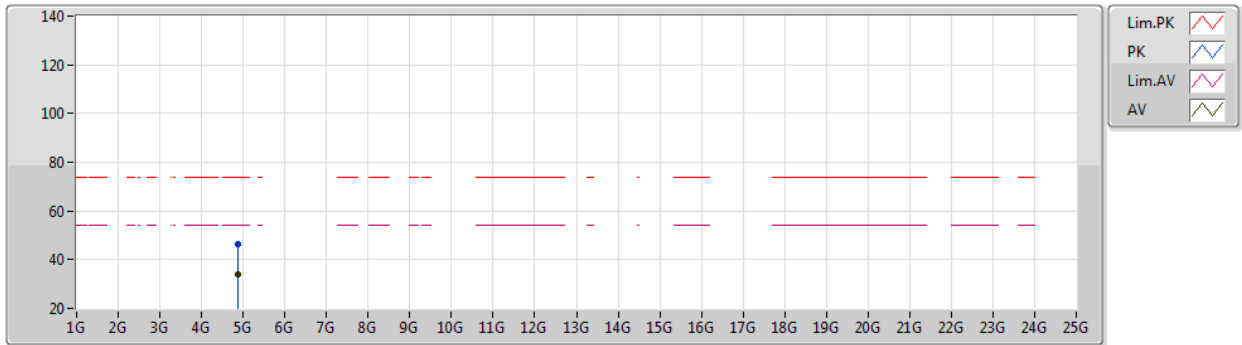
EUT_Y_2TX
Setting 25
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	58.34	74.00	-15.66	27.66	3	Horizontal	254	1.00	-	27.60	3.08	-
AV	2.3882G	48.32	54.00	-5.68	17.64	3	Horizontal	254	1.00	-	27.60	3.08	-
PK	2.4378G	108.72	Inf	-Inf	78.13	3	Horizontal	254	1.00	-	27.45	3.14	-
AV	2.4378G	104.69	Inf	-Inf	74.10	3	Horizontal	254	1.00	-	27.45	3.14	-
PK	2.4835G	56.18	74.00	-17.82	25.60	3	Horizontal	254	1.00	-	27.40	3.18	-
AV	2.4835G	45.11	54.00	-8.89	14.53	3	Horizontal	254	1.00	-	27.40	3.18	-

802.11b_Nss1,(1Mbps)_2TX

12/11/2020

2437MHz_TX



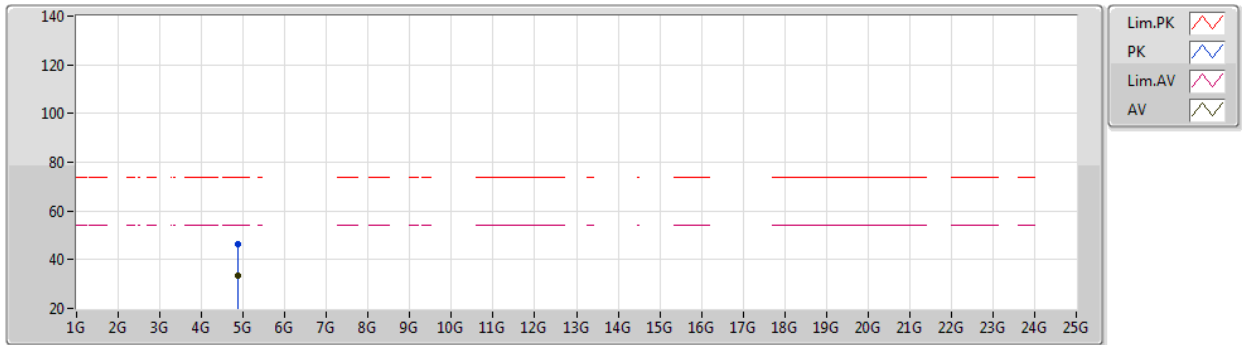
EUT Y_2TX
Setting 25
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87434G	46.58	74.00	-27.42	42.11	3	Vertical	180	1.38	-	31.15	5.00	31.68
AV	4.874G	33.72	54.00	-20.28	29.25	3	Vertical	180	1.38	-	31.15	5.00	31.68

802.11b_Nss1,(1Mbps)_2TX

12/11/2020

2437MHz_TX



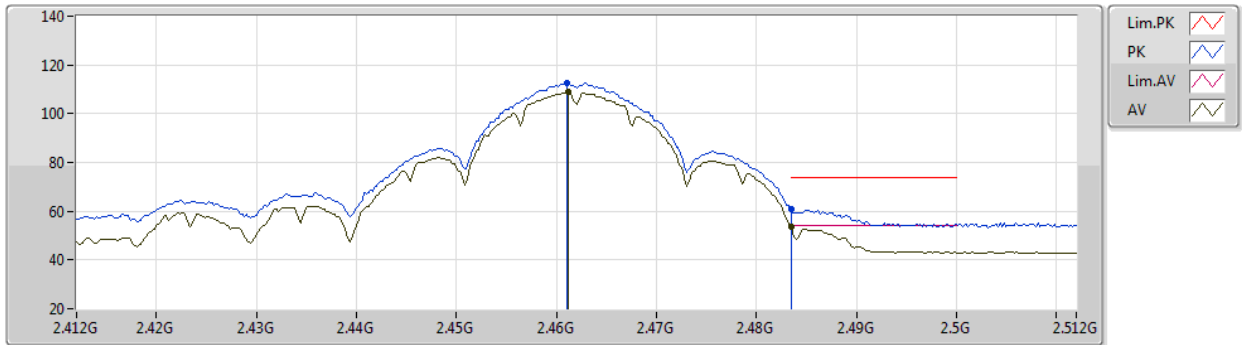
EUT Y_2TX
Setting 25
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87422G	46.48	74.00	-27.52	42.01	3	Horizontal	356	2.42	-	31.15	5.00	31.68
AV	4.8739G	33.52	54.00	-20.48	29.05	3	Horizontal	356	2.42	-	31.15	5.00	31.68

802.11b_Nss1,(1Mbps)_2TX

12/11/2020

2462MHz_TX



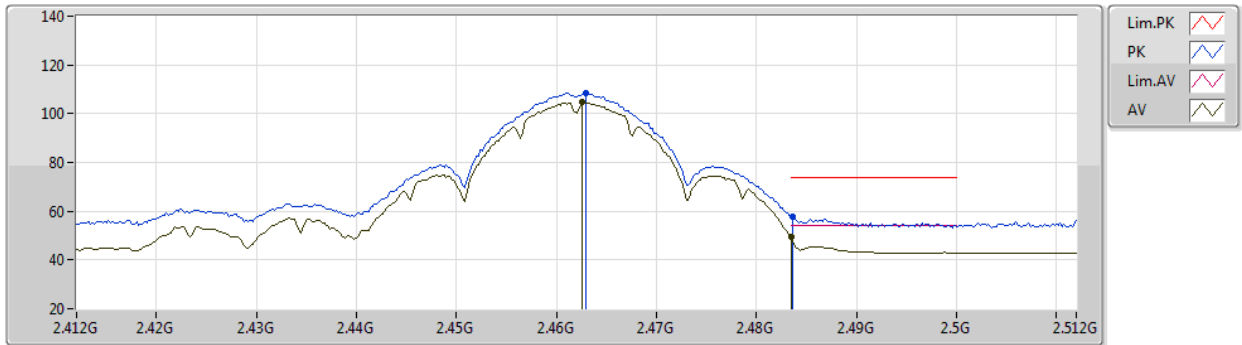
EUT Y_2TX
Setting 23.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.461G	112.61	Inf	-Inf	82.05	3	Vertical	226	2.75	-	27.40	3.16	-
AV	2.4612G	108.73	Inf	-Inf	78.17	3	Vertical	226	2.75	-	27.40	3.16	-
PK	2.4835G	60.64	74.00	-13.36	30.06	3	Vertical	226	2.75	-	27.40	3.18	-
AV	2.4835G	53.53	54.00	-0.47	22.95	3	Vertical	226	2.75	-	27.40	3.18	-

802.11b_Nss1,(1Mbps)_2TX

12/11/2020

2462MHz_TX



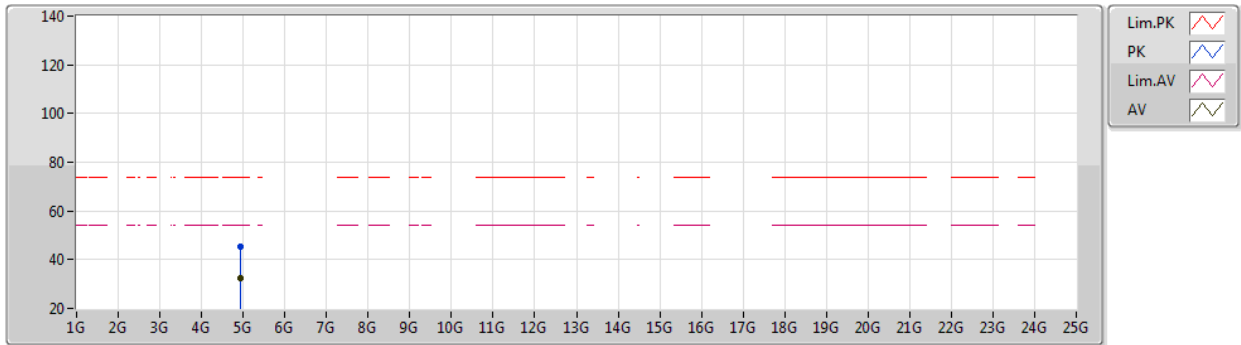
EUT Y_2TX
Setting 23.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.463G	108.57	Inf	-Inf	78.01	3	Horizontal	251	1.60	-	27.40	3.16	-
AV	2.4626G	104.66	Inf	-Inf	74.10	3	Horizontal	251	1.60	-	27.40	3.16	-
PK	2.4836G	57.73	74.00	-16.27	27.15	3	Horizontal	251	1.60	-	27.40	3.18	-
AV	2.4835G	49.47	54.00	-4.53	18.89	3	Horizontal	251	1.60	-	27.40	3.18	-

802.11b_Nss1,(1Mbps)_2TX

12/11/2020

2462MHz_TX



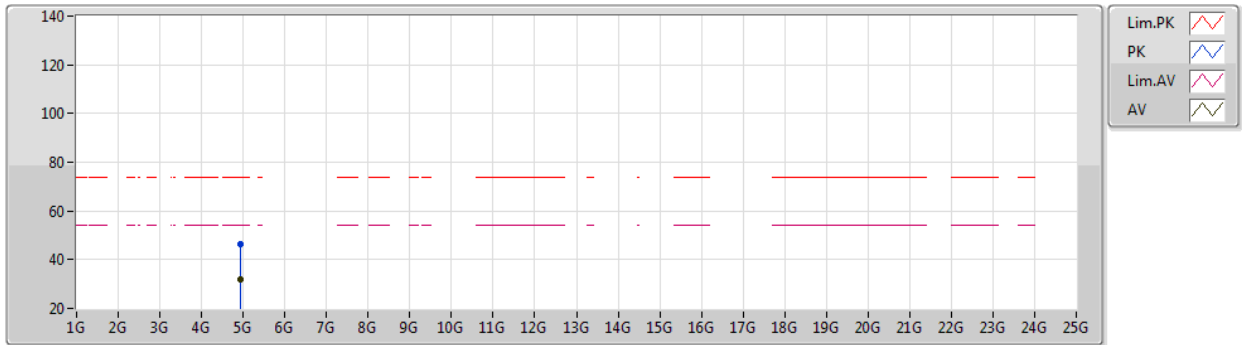
EUT Y_2TX
Setting 23.5
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92237G	45.49	74.00	-28.51	40.92	3	Vertical	157	1.97	-	31.19	5.00	31.62
AV	4.92287G	32.16	54.00	-21.84	27.59	3	Vertical	157	1.97	-	31.19	5.00	31.62

802.11b_Nss1,(1Mbps)_2TX

12/11/2020

2462MHz_TX



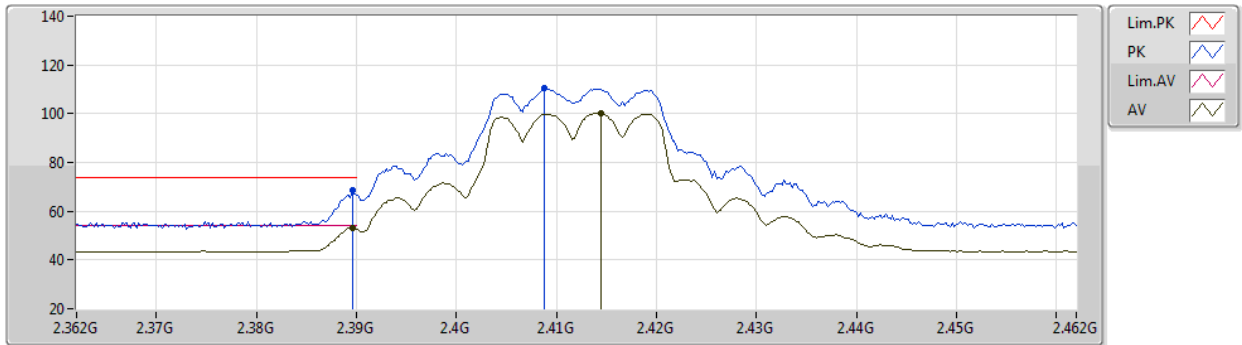
EUT Y_2TX
Setting 23.5
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92321G	46.26	74.00	-27.74	41.69	3	Horizontal	125	1.09	-	31.19	5.00	31.62
AV	4.92273G	32.15	54.00	-21.85	27.58	3	Horizontal	125	1.09	-	31.19	5.00	31.62

802.11g_Nss1,(6Mbps)_2TX

12/11/2020

2412MHz_TX



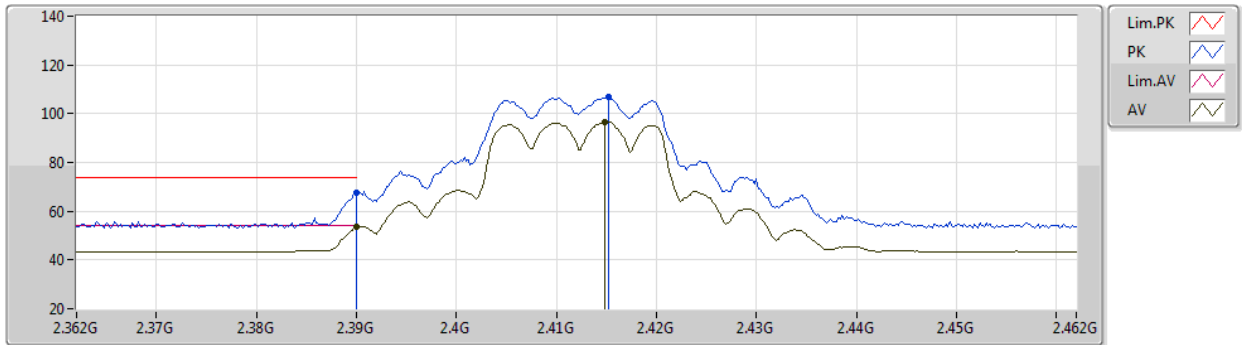
EUT Y_2TX
Setting 17.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3896G	68.41	74.00	-5.59	37.73	3	Vertical	300	2.64	-	27.60	3.08	-
AV	2.3896G	53.04	54.00	-0.96	22.36	3	Vertical	300	2.64	-	27.60	3.08	-
PK	2.4088G	110.44	Inf	-Inf	79.77	3	Vertical	300	2.64	-	27.56	3.11	-
AV	2.4144G	100.27	Inf	-Inf	69.62	3	Vertical	300	2.64	-	27.54	3.11	-

802.11g_Nss1,(6Mbps)_2TX

12/11/2020

2412MHz_TX



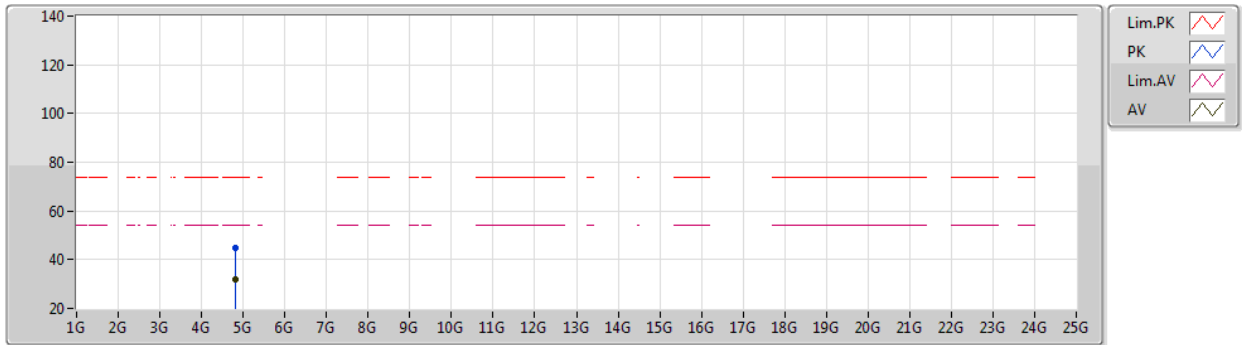
EUT Y_2TX
Setting 17.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.39G	67.72	74.00	-6.28	37.04	3	Horizontal	281	1.23	-	27.60	3.08	-
AV	2.39G	53.60	54.00	-0.40	22.92	3	Horizontal	281	1.23	-	27.60	3.08	-
PK	2.4152G	106.73	Inf	-Inf	76.07	3	Horizontal	281	1.23	-	27.54	3.12	-
AV	2.4148G	96.68	Inf	-Inf	66.03	3	Horizontal	281	1.23	-	27.54	3.11	-

802.11g_Nss1,(6Mbps)_2TX

12/11/2020

2412MHz_TX



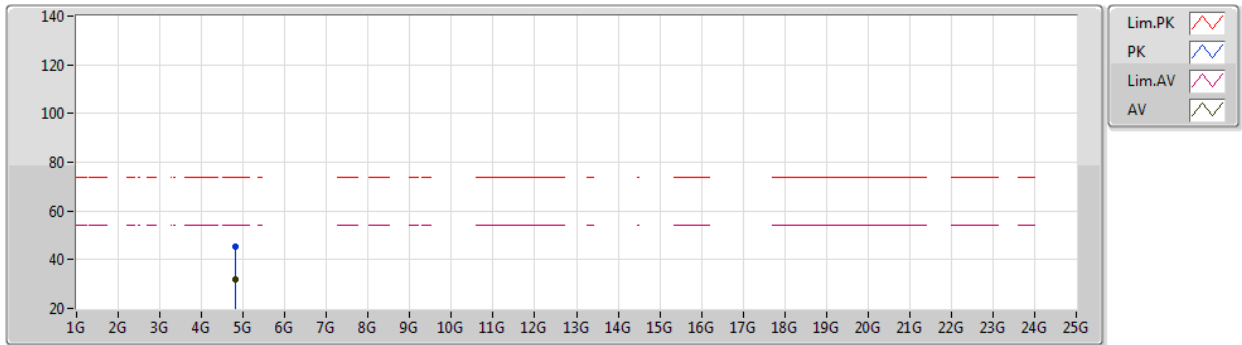
EUT Y_2TX
Setting 17.5
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.82273G	44.95	74.00	-29.05	40.61	3	Vertical	268	1.79	-	31.09	5.00	31.75
AV	4.82166G	31.96	54.00	-22.04	27.62	3	Vertical	268	1.79	-	31.09	5.00	31.75

802.11g_Nss1,(6Mbps)_2TX

12/11/2020

2412MHz_TX



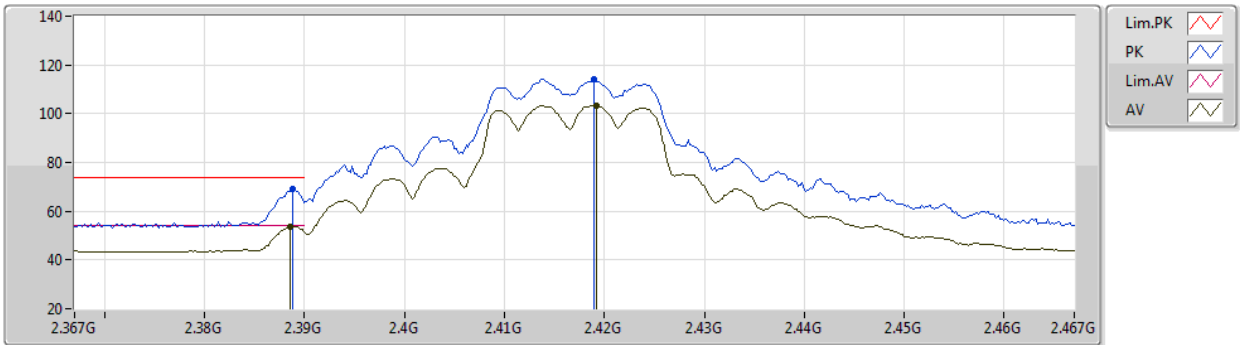
EUT Y_2TX
Setting 17.5
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.823777G	45.47	74.00	-28.53	41.12	3	Horizontal	264	2.92	-	31.10	5.00	31.75
AV	4.82206G	31.78	54.00	-22.22	27.44	3	Horizontal	264	2.92	-	31.09	5.00	31.75

802.11g_Nss1,(6Mbps)_2TX

10/11/2020

2417MHz_TX



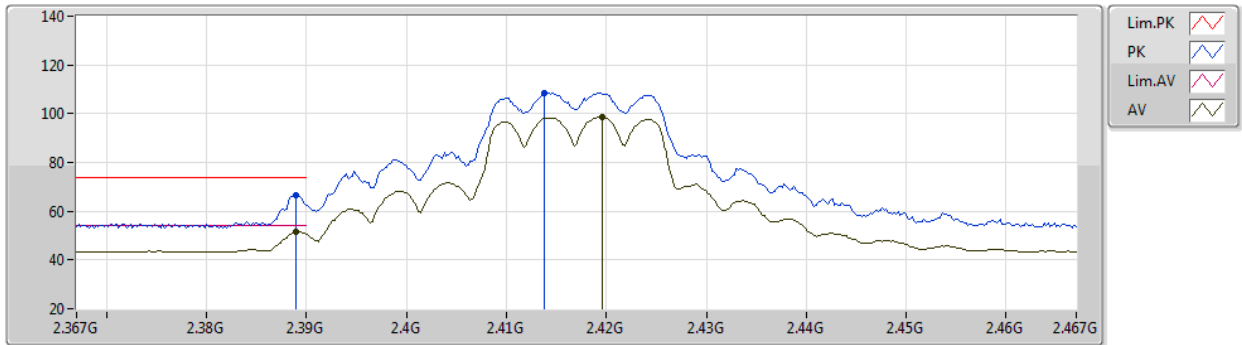
EUT Y_2TX
Setting 20.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3888G	69.32	74.00	-4.68	38.64	3	Vertical	296	2.62	-	27.60	3.08	-
AV	2.3886G	53.86	54.00	-0.14	23.18	3	Vertical	296	2.62	-	27.60	3.08	-
PK	2.419G	114.29	Inf	-Inf	83.65	3	Vertical	296	2.62	-	27.52	3.12	-
AV	2.4192G	103.35	Inf	-Inf	72.71	3	Vertical	296	2.62	-	27.52	3.12	-

802.11g_Nss1,(6Mbps)_2TX

10/11/2020

2417MHz_TX



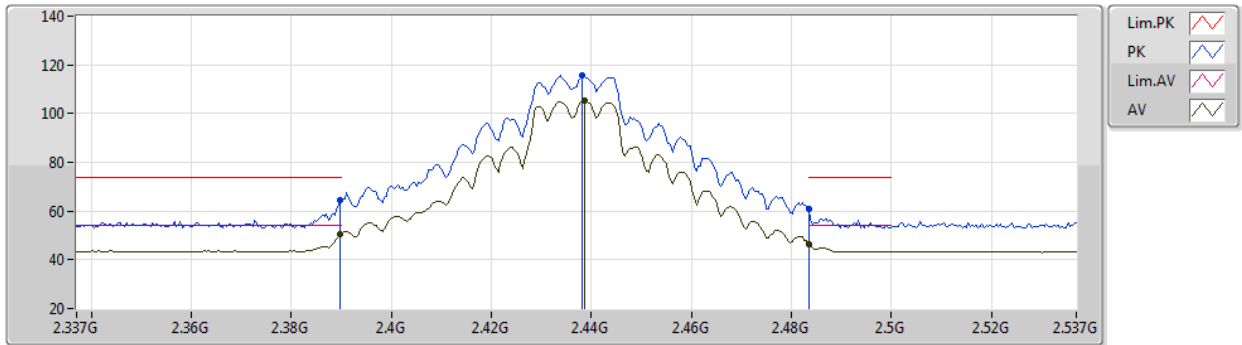
EUT Y_2TX
Setting 20.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.389G	66.55	74.00	-7.45	35.87	3	Horizontal	275	1.42	-	27.60	3.08	-
AV	2.389G	51.50	54.00	-2.50	20.82	3	Horizontal	275	1.42	-	27.60	3.08	-
PK	2.4138G	108.69	Inf	-Inf	78.04	3	Horizontal	275	1.42	-	27.54	3.11	-
AV	2.4196G	98.58	Inf	-Inf	67.94	3	Horizontal	275	1.42	-	27.52	3.12	-

802.11g_Nss1,(6Mbps)_2TX

12/11/2020

2437MHz_TX



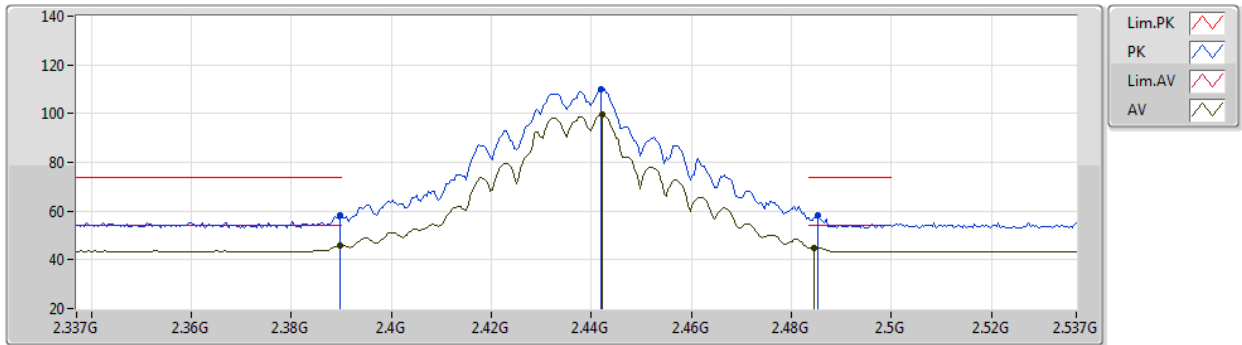
EUT Y_2TX
Setting 25
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	64.45	74.00	-9.55	33.77	3	Vertical	294	2.58	-	27.60	3.08	-
AV	2.3898G	50.40	54.00	-3.60	19.72	3	Vertical	294	2.58	-	27.60	3.08	-
PK	2.4382G	115.91	Inf	-Inf	85.32	3	Vertical	294	2.58	-	27.45	3.14	-
AV	2.4386G	105.10	Inf	-Inf	74.51	3	Vertical	294	2.58	-	27.45	3.14	-
PK	2.4835G	60.64	74.00	-13.36	30.06	3	Vertical	294	2.58	-	27.40	3.18	-
AV	2.4835G	46.53	54.00	-7.47	15.95	3	Vertical	294	2.58	-	27.40	3.18	-

802.11g_Nss1,(6Mbps)_2TX

12/11/2020

2437MHz_TX



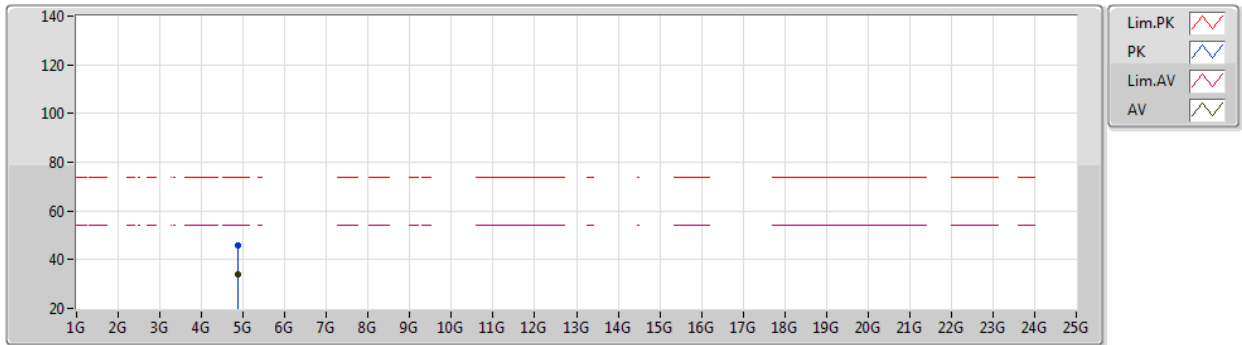
EUT_Y_2TX
Setting 25
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	58.19	74.00	-15.81	27.51	3	Horizontal	255	1.80	-	27.60	3.08	-
AV	2.3898G	45.98	54.00	-8.02	15.30	3	Horizontal	255	1.80	-	27.60	3.08	-
PK	2.4418G	109.99	Inf	-Inf	79.42	3	Horizontal	255	1.80	-	27.43	3.14	-
AV	2.4422G	99.89	Inf	-Inf	69.32	3	Horizontal	255	1.80	-	27.43	3.14	-
PK	2.4854G	58.05	74.00	-15.95	27.46	3	Horizontal	255	1.80	-	27.40	3.19	-
AV	2.4846G	45.03	54.00	-8.97	14.45	3	Horizontal	255	1.80	-	27.40	3.18	-

802.11g_Nss1,(6Mbps)_2TX

12/11/2020

2437MHz_TX



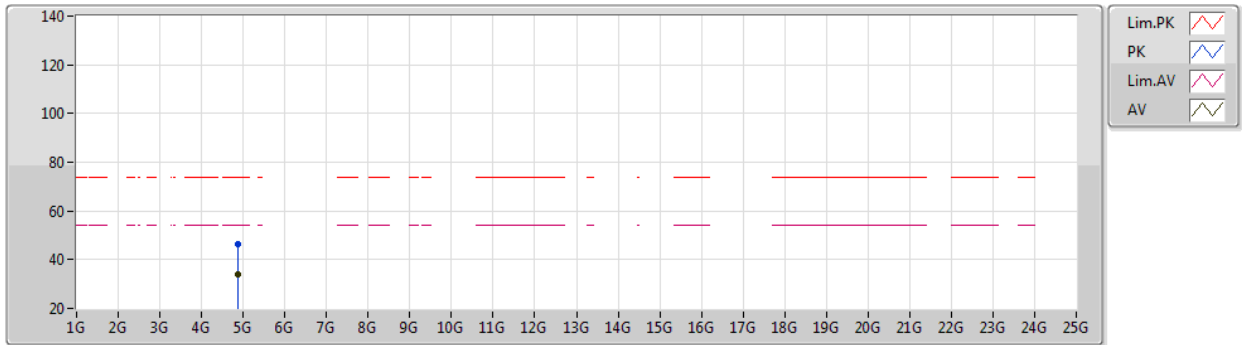
EUT Y_2TX
Setting 25
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87406G	45.78	74.00	-28.22	41.31	3	Vertical	306	1.31	-	31.15	5.00	31.68
AV	4.87402G	34.19	54.00	-19.81	29.72	3	Vertical	306	1.31	-	31.15	5.00	31.68

802.11g_Nss1,(6Mbps)_2TX

12/11/2020

2437MHz_TX



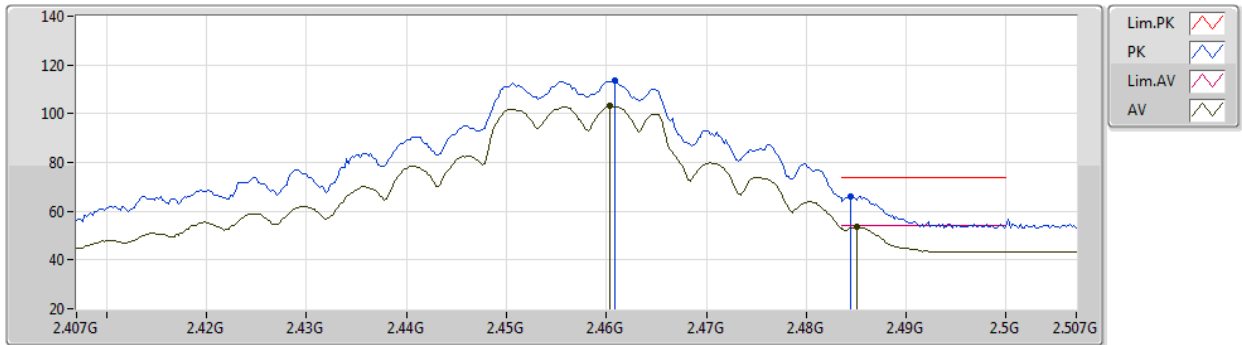
EUT Y_2TX
Setting 25
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87409G	46.35	74.00	-27.65	41.88	3	Horizontal	78	1.23	-	31.15	5.00	31.68
AV	4.87389G	34.18	54.00	-19.82	29.71	3	Horizontal	78	1.23	-	31.15	5.00	31.68

802.11g_Nss1,(6Mbps)_2TX

10/11/2020

2457MHz_TX



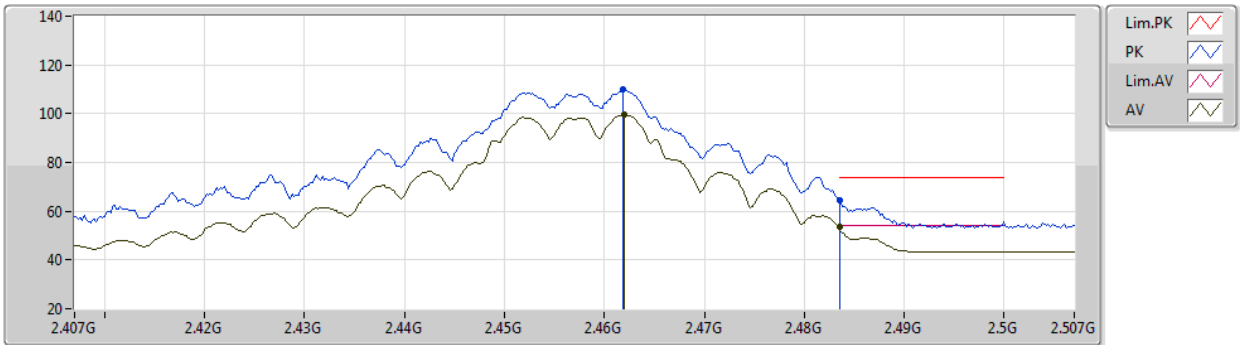
EUT Y_2TX
Setting 23.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4608G	113.70	Inf	-Inf	83.14	3	Vertical	0	1.80	-	27.40	3.16	-
AV	2.4604G	103.21	Inf	-Inf	72.65	3	Vertical	0	1.80	-	27.40	3.16	-
PK	2.4844G	66.14	74.00	-7.86	35.56	3	Vertical	0	1.80	-	27.40	3.18	-
AV	2.485G	53.77	54.00	-0.23	23.18	3	Vertical	0	1.80	-	27.40	3.19	-

802.11g_Nss1,(6Mbps)_2TX

10/11/2020

2457MHz_TX



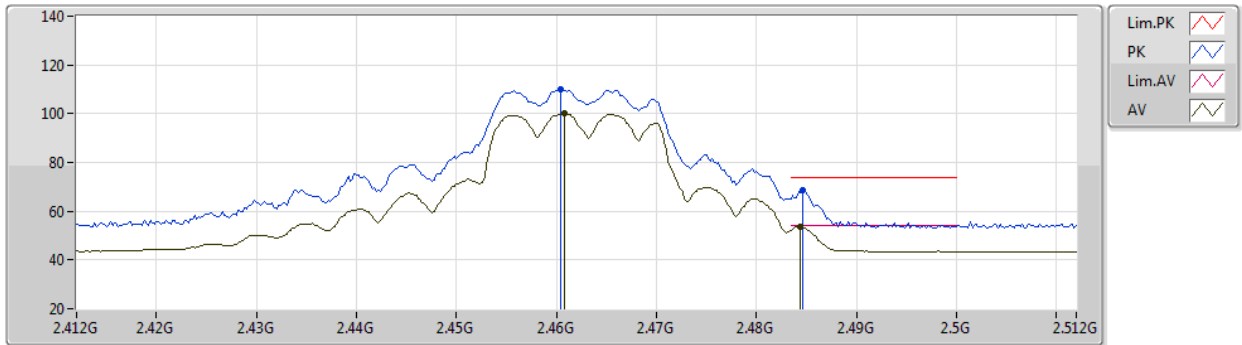
EUT Y_2TX
Setting 23.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4618G	109.78	Inf	-Inf	79.22	3	Horizontal	255	1.14	-	27.40	3.16	-
AV	2.462G	99.67	Inf	-Inf	69.11	3	Horizontal	255	1.14	-	27.40	3.16	-
PK	2.4835G	64.65	74.00	-9.35	34.07	3	Horizontal	255	1.14	-	27.40	3.18	-
AV	2.4835G	53.74	54.00	-0.26	23.16	3	Horizontal	255	1.14	-	27.40	3.18	-

802.11g_Nss1,(6Mbps)_2TX

12/11/2020

2462MHz_TX



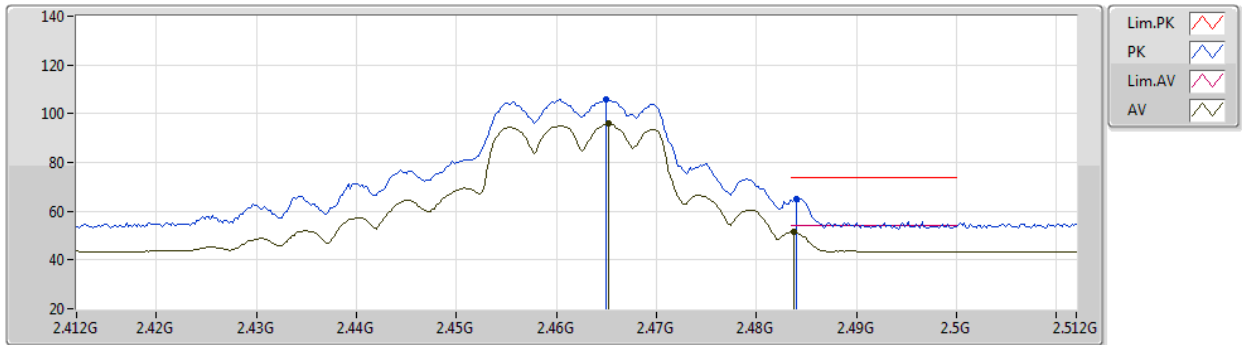
EUT Y_2TX
Setting 20
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4604G	109.93	Inf	-Inf	79.37	3	Vertical	0	1.80	-	27.40	3.16	-
AV	2.4608G	100.09	Inf	-Inf	69.53	3	Vertical	0	1.80	-	27.40	3.16	-
PK	2.4846G	68.67	74.00	-5.33	38.09	3	Vertical	0	1.80	-	27.40	3.18	-
AV	2.4844G	53.60	54.00	-0.40	23.02	3	Vertical	0	1.80	-	27.40	3.18	-

802.11g_Nss1,(6Mbps)_2TX

12/11/2020

2462MHz_TX



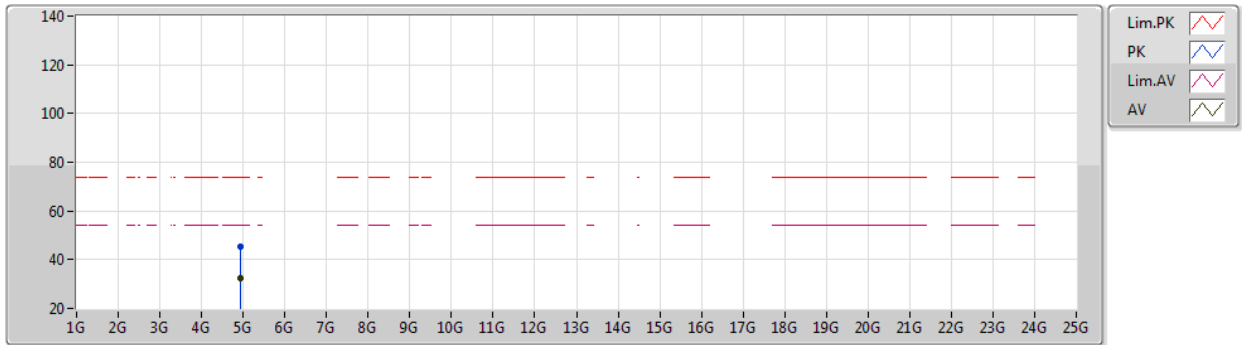
EUT Y_2TX
Setting 20
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.465G	105.87	Inf	-Inf	75.30	3	Horizontal	35	2.50	-	27.40	3.17	-
AV	2.4652G	95.88	Inf	-Inf	65.31	3	Horizontal	35	2.50	-	27.40	3.17	-
PK	2.484G	65.16	74.00	-8.84	34.58	3	Horizontal	35	2.50	-	27.40	3.18	-
AV	2.4838G	51.55	54.00	-2.45	20.97	3	Horizontal	35	2.50	-	27.40	3.18	-

802.11g_Nss1,(6Mbps)_2TX

12/11/2020

2462MHz_TX



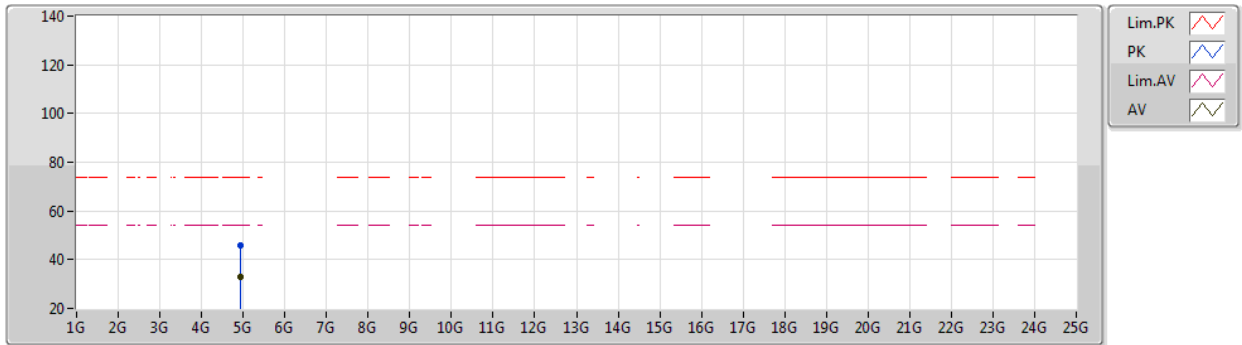
EUT Y_2TX
Setting 20
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92588G	45.33	74.00	-28.67	40.75	3	Vertical	106	2.82	-	31.20	5.00	31.62
AV	4.92221G	32.67	54.00	-21.33	28.10	3	Vertical	106	2.82	-	31.19	5.00	31.62

802.11g_Nss1,(6Mbps)_2TX

12/11/2020

2462MHz_TX



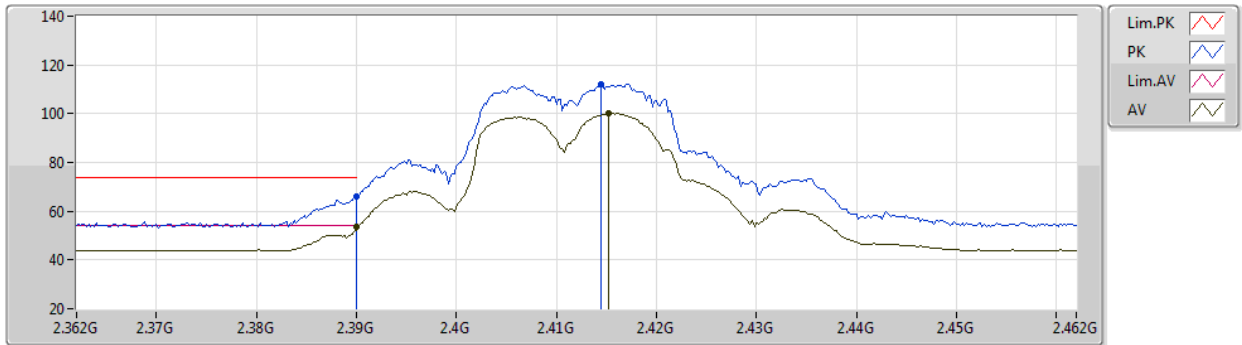
EUT Y_2TX
Setting 20
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92313G	45.91	74.00	-28.09	41.34	3	Horizontal	258	1.75	-	31.19	5.00	31.62
AV	4.92515G	32.68	54.00	-21.32	28.10	3	Horizontal	258	1.75	-	31.20	5.00	31.62

802.11ax HEW20_Nss1,(MCS0)_2TX

12/11/2020

2412MHz_TX



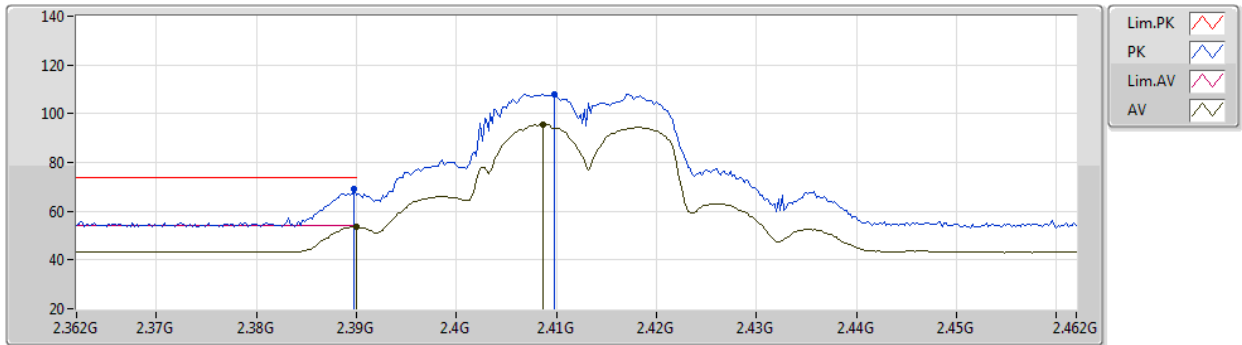
EUT Y_2TX
Setting 17.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.39G	66.13	74.00	-7.87	35.45	3	Vertical	297	2.33	-	27.60	3.08	-
AV	2.39G	53.53	54.00	-0.47	22.85	3	Vertical	297	2.33	-	27.60	3.08	-
PK	2.4144G	112.24	Inf	-Inf	81.59	3	Vertical	297	2.33	-	27.54	3.11	-
AV	2.4152G	100.22	Inf	-Inf	69.56	3	Vertical	297	2.33	-	27.54	3.12	-

802.11ax HEW20_Nss1,(MCS0)_2TX

12/11/2020

2412MHz_TX



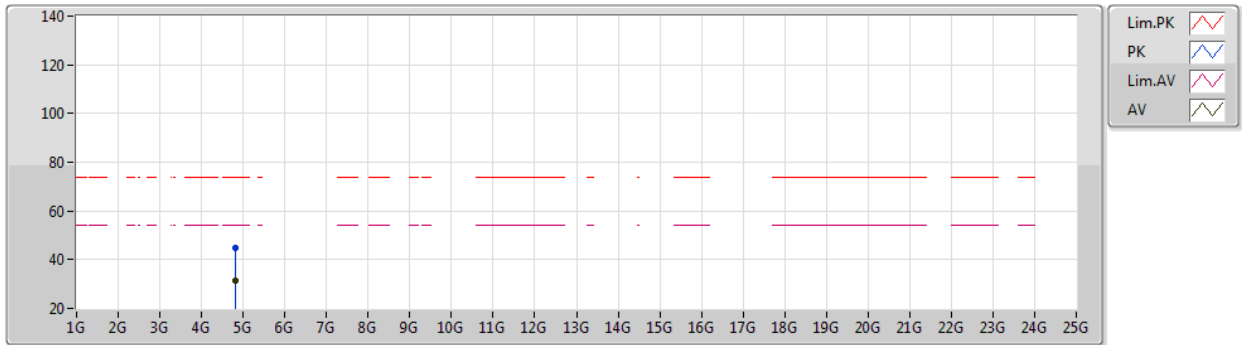
EUT Y_2TX
Setting 17.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	69.27	74.00	-4.73	38.59	3	Horizontal	282	1.00	-	27.60	3.08	-
AV	2.39G	53.76	54.00	-0.24	23.08	3	Horizontal	282	1.00	-	27.60	3.08	-
PK	2.4098G	108.10	Inf	-Inf	77.43	3	Horizontal	282	1.00	-	27.56	3.11	-
AV	2.4086G	95.45	Inf	-Inf	64.77	3	Horizontal	282	1.00	-	27.57	3.11	-

802.11ax HEW20_Nss1,(MCS0)_2TX

12/11/2020

2412MHz_TX



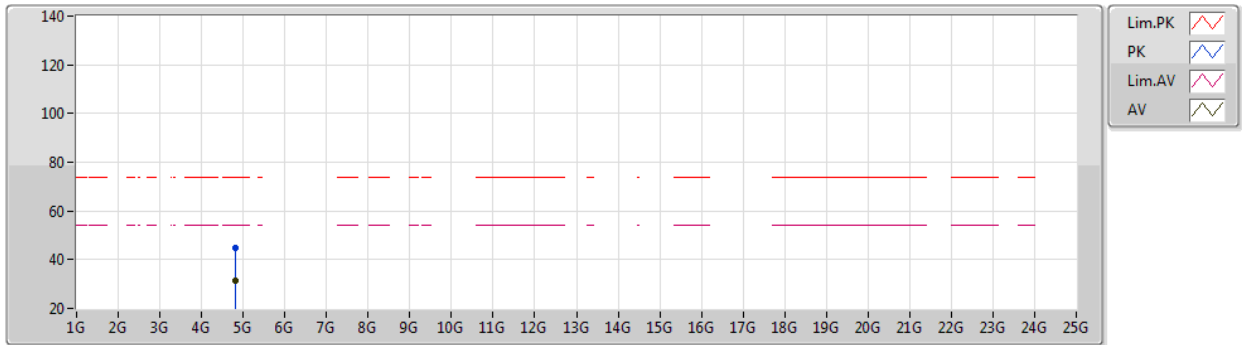
EUT Y_2TX
Setting 17.5
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.82403G	44.92	74.00	-29.08	40.56	3	Vertical	92	2.98	-	31.10	5.00	31.74
AV	4.82158G	31.37	54.00	-22.63	27.03	3	Vertical	92	2.98	-	31.09	5.00	31.75

802.11ax HEW20_Nss1,(MCS0)_2TX

12/11/2020

2412MHz_TX



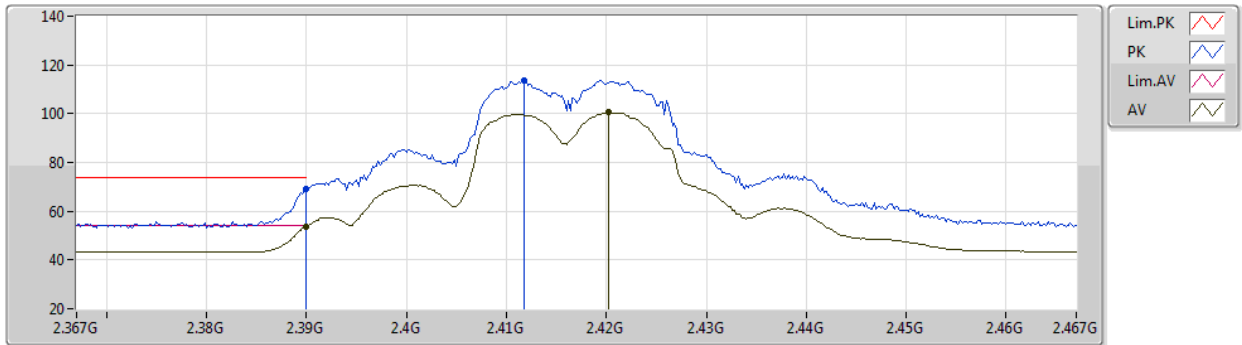
EUT Y_2TX
Setting 17.5
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.82249G	45.00	74.00	-29.00	40.66	3	Horizontal	237	1.45	-	31.09	5.00	31.75
AV	4.82259G	31.53	54.00	-22.47	27.19	3	Horizontal	237	1.45	-	31.09	5.00	31.75

802.11ax HEW20_Nss1,(MCS0)_2TX

10/11/2020

2417MHz_TX



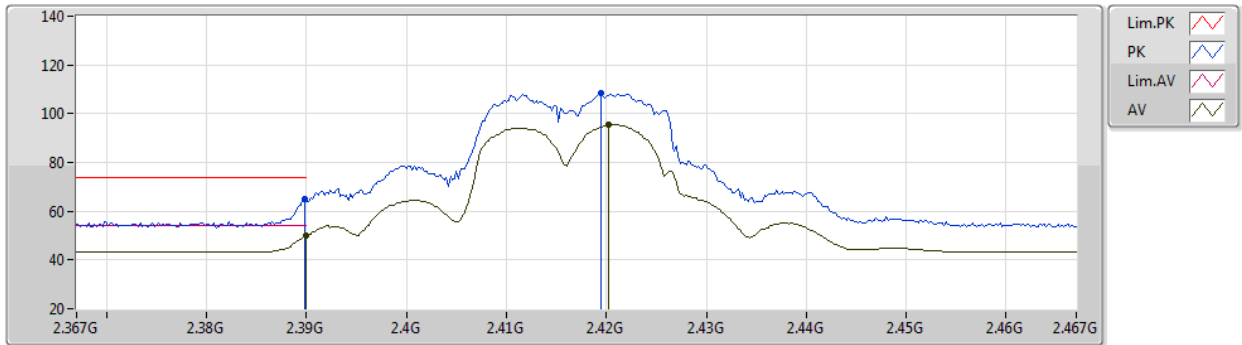
EUT Y_2TX
Setting 18.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.39G	69.27	74.00	-4.73	38.59	3	Vertical	297	2.61	-	27.60	3.08	-
AV	2.39G	53.85	54.00	-0.15	23.17	3	Vertical	297	2.61	-	27.60	3.08	-
PK	2.4118G	113.50	Inf	-Inf	82.84	3	Vertical	297	2.61	-	27.55	3.11	-
AV	2.4202G	100.73	Inf	-Inf	70.09	3	Vertical	297	2.61	-	27.52	3.12	-

802.11ax HEW20_Nss1,(MCS0)_2TX

10/11/2020

2417MHz_TX



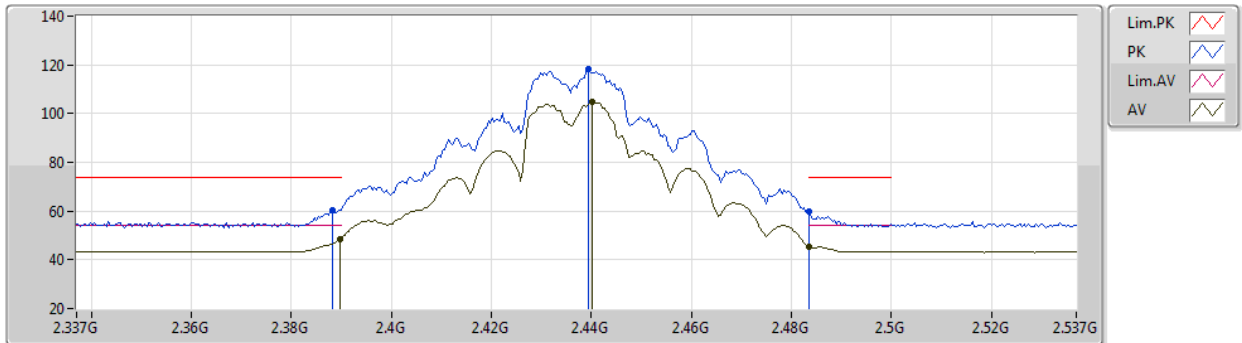
EUT Y_2TX
Setting 18.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	64.91	74.00	-9.09	34.23	3	Horizontal	271	1.43	-	27.60	3.08	-
AV	2.39G	50.04	54.00	-3.96	19.36	3	Horizontal	271	1.43	-	27.60	3.08	-
PK	2.4194G	108.20	Inf	-Inf	77.56	3	Horizontal	271	1.43	-	27.52	3.12	-
AV	2.4202G	95.62	Inf	-Inf	64.98	3	Horizontal	271	1.43	-	27.52	3.12	-

802.11ax HEW20_Nss1,(MCS0)_2TX

12/11/2020

2437MHz_TX



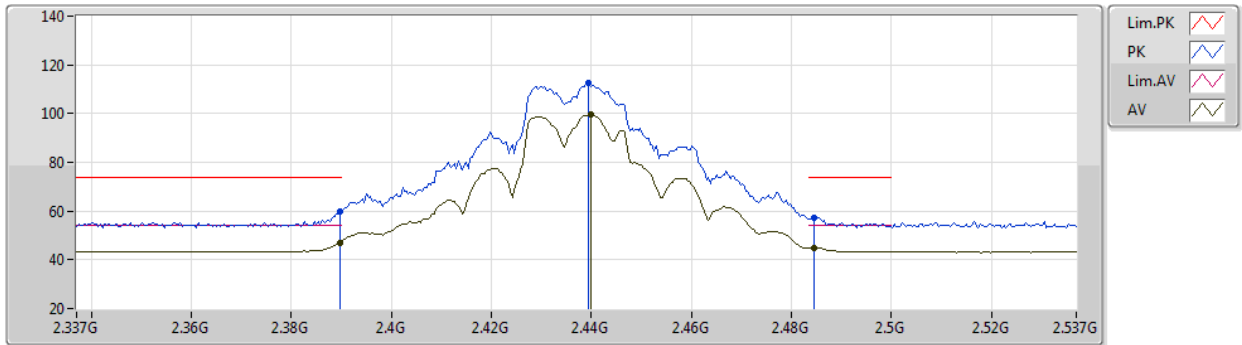
EUT Y_2TX
Setting 25
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3882G	60.56	74.00	-13.44	29.88	3	Vertical	298	2.55	-	27.60	3.08	-
AV	2.3898G	48.45	54.00	-5.55	17.77	3	Vertical	298	2.55	-	27.60	3.08	-
PK	2.4394G	118.02	Inf	-Inf	87.44	3	Vertical	298	2.55	-	27.44	3.14	-
AV	2.4402G	105.01	Inf	-Inf	74.43	3	Vertical	298	2.55	-	27.44	3.14	-
PK	2.4835G	59.83	74.00	-14.17	29.25	3	Vertical	298	2.55	-	27.40	3.18	-
AV	2.4835G	45.20	54.00	-8.80	14.62	3	Vertical	298	2.55	-	27.40	3.18	-

802.11ax HEW20_Nss1,(MCS0)_2TX

12/11/2020

2437MHz_TX



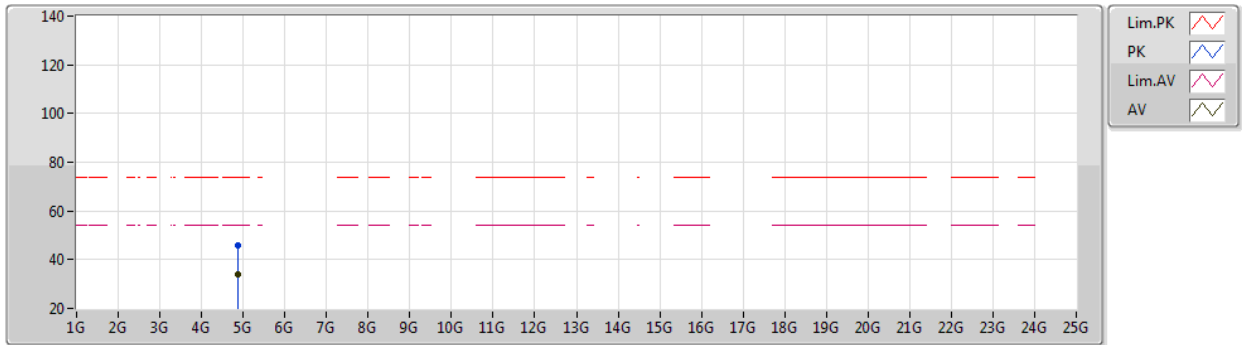
EUT Y_2TX
Setting 25
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	59.99	74.00	-14.01	29.31	3	Horizontal	261	1.17	-	27.60	3.08	-
AV	2.3898G	47.15	54.00	-6.85	16.47	3	Horizontal	261	1.17	-	27.60	3.08	-
PK	2.4394G	112.78	Inf	-Inf	82.20	3	Horizontal	261	1.17	-	27.44	3.14	-
AV	2.4398G	99.41	Inf	-Inf	68.83	3	Horizontal	261	1.17	-	27.44	3.14	-
PK	2.4846G	57.15	74.00	-16.85	26.57	3	Horizontal	261	1.17	-	27.40	3.18	-
AV	2.4846G	44.96	54.00	-9.04	14.38	3	Horizontal	261	1.17	-	27.40	3.18	-

802.11ax HEW20_Nss1,(MCS0)_2TX

12/11/2020

2437MHz_TX



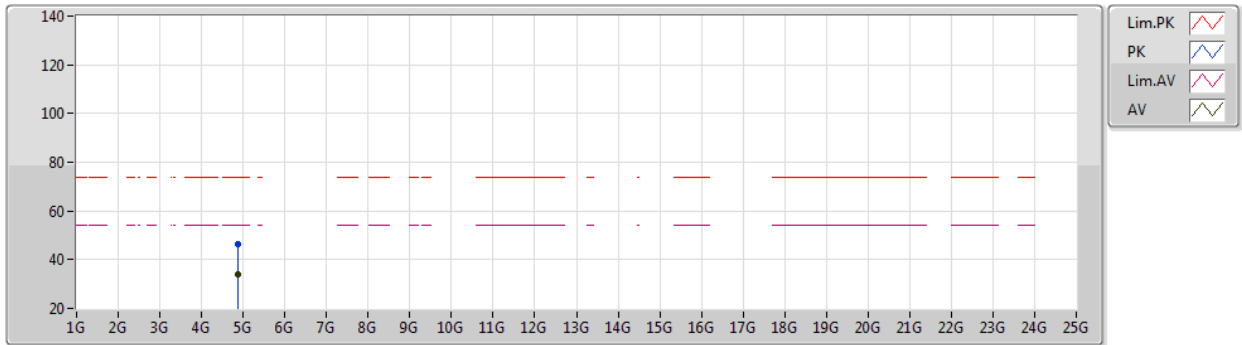
EUT Y_2TX
Setting 25
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87394G	46.12	74.00	-27.88	41.65	3	Vertical	24	1.13	-	31.15	5.00	31.68
AV	4.87403G	34.17	54.00	-19.83	29.70	3	Vertical	24	1.13	-	31.15	5.00	31.68

802.11ax HEW20_Nss1,(MCS0)_2TX

12/11/2020

2437MHz_TX



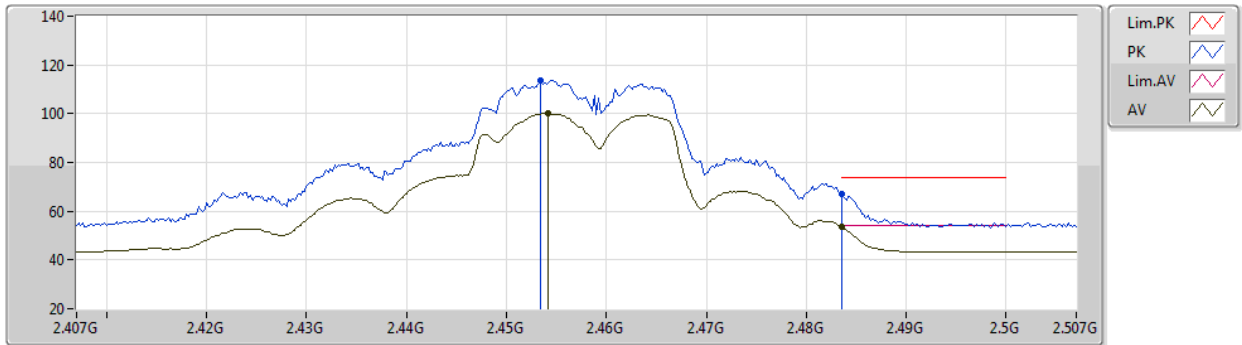
EUT Y_2TX
Setting 25
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87466G	46.26	74.00	-27.74	41.79	3	Horizontal	233	1.89	-	31.15	5.00	31.68
AV	4.87393G	34.17	54.00	-19.83	29.70	3	Horizontal	233	1.89	-	31.15	5.00	31.68

802.11ax HEW20_Nss1,(MCS0)_2TX

10/11/2020

2457MHz_TX



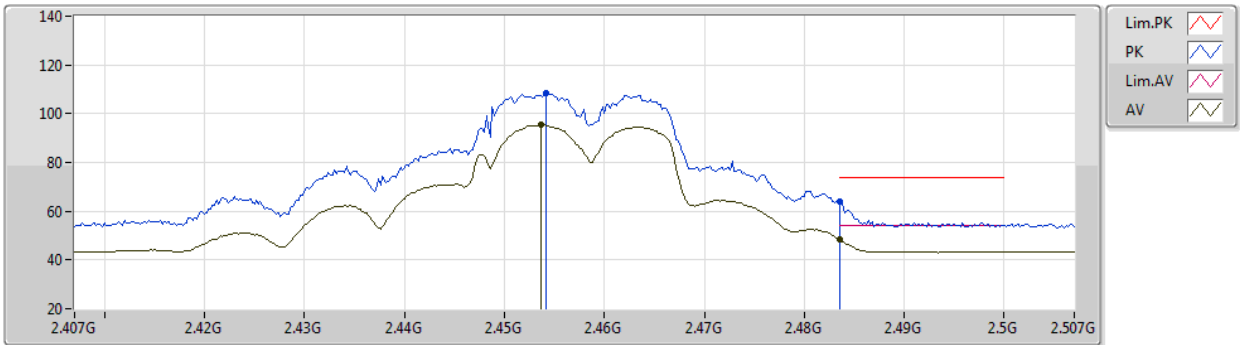
EUT Y_2TX
Setting 21.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4534G	113.72	Inf	-Inf	83.17	3	Vertical	0	1.60	-	27.40	3.15	-
AV	2.4542G	100.22	Inf	-Inf	69.67	3	Vertical	0	1.60	-	27.40	3.15	-
PK	2.4835G	67.22	74.00	-6.78	36.64	3	Vertical	0	1.60	-	27.40	3.18	-
AV	2.4835G	53.57	54.00	-0.43	22.99	3	Vertical	0	1.60	-	27.40	3.18	-

802.11ax HEW20_Nss1,(MCS0)_2TX

10/11/2020

2457MHz_TX



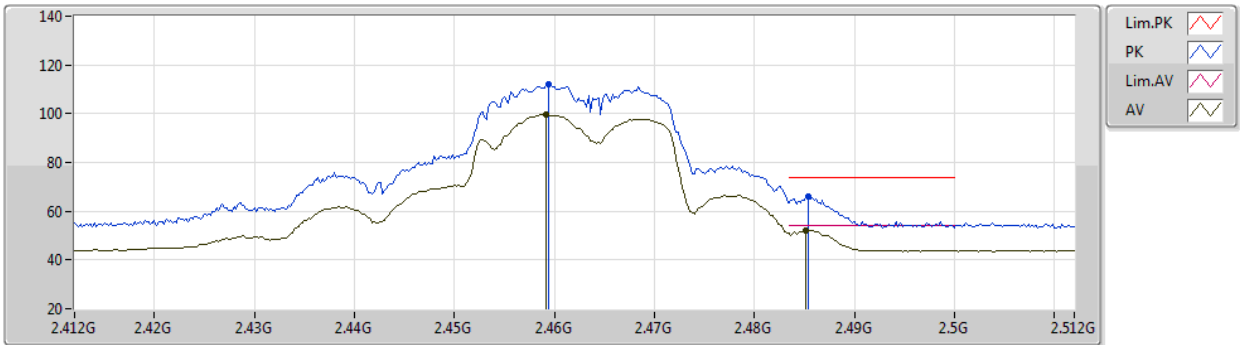
EUT Y_2TX
Setting 21.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4542G	108.48	Inf	-Inf	77.93	3	Horizontal	36	2.06	-	27.40	3.15	-
AV	2.4536G	95.44	Inf	-Inf	64.89	3	Horizontal	36	2.06	-	27.40	3.15	-
PK	2.4835G	64.22	74.00	-9.78	33.64	3	Horizontal	36	2.06	-	27.40	3.18	-
AV	2.4835G	48.64	54.00	-5.36	18.06	3	Horizontal	36	2.06	-	27.40	3.18	-

802.11ax HEW20_Nss1,(MCS0)_2TX

12/11/2020

2462MHz_TX



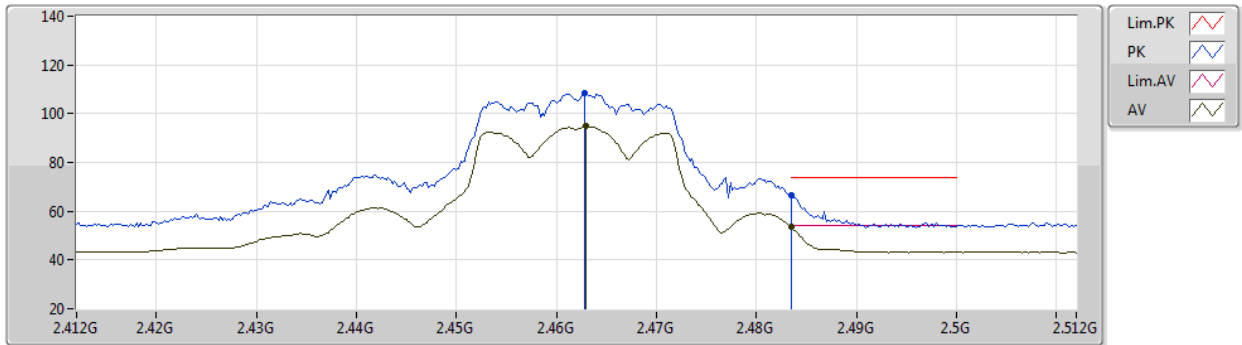
EUT Y_2TX
Setting 19.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4594G	112.26	Inf	-Inf	81.70	3	Vertical	2	1.80	-	27.40	3.16	-
AV	2.4592G	99.46	Inf	-Inf	68.90	3	Vertical	2	1.80	-	27.40	3.16	-
PK	2.4854G	66.01	74.00	-7.99	35.42	3	Vertical	2	1.80	-	27.40	3.19	-
AV	2.4852G	52.21	54.00	-1.79	21.62	3	Vertical	2	1.80	-	27.40	3.19	-

802.11ax HEW20_Nss1,(MCS0)_2TX

12/11/2020

2462MHz_TX



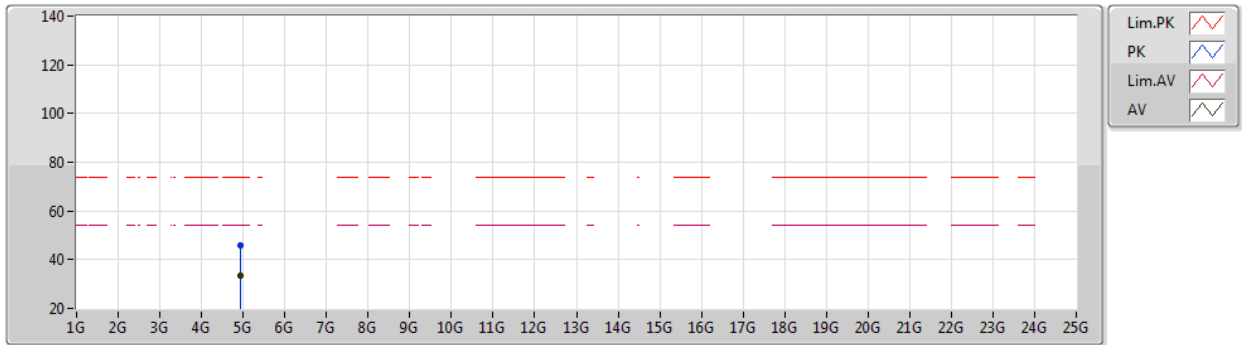
EUT Y_2TX
Setting 19.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4628G	108.32	Inf	-Inf	77.76	3	Horizontal	256	1.14	-	27.40	3.16	-
AV	2.463G	94.90	Inf	-Inf	64.34	3	Horizontal	256	1.14	-	27.40	3.16	-
PK	2.4835G	66.50	74.00	-7.50	35.92	3	Horizontal	256	1.14	-	27.40	3.18	-
AV	2.4835G	53.78	54.00	-0.22	23.20	3	Horizontal	256	1.14	-	27.40	3.18	-

802.11ax HEW20_Nss1,(MCS0)_2TX

12/11/2020

2462MHz_TX



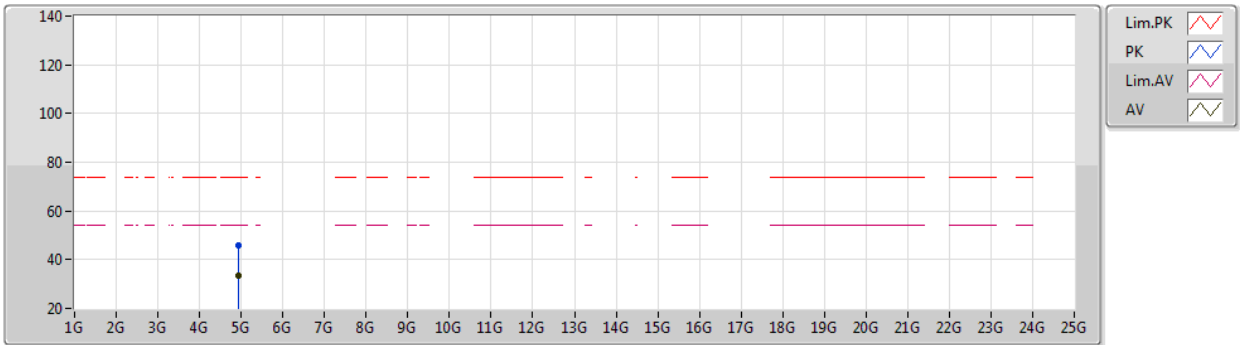
EUT Y_2TX
Setting 19.5
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92203G	46.10	74.00	-27.90	41.54	3	Vertical	101	1.20	-	31.19	5.00	31.63
AV	4.92343G	33.42	54.00	-20.58	28.85	3	Vertical	101	1.20	-	31.19	5.00	31.62

802.11ax HEW20_Nss1,(MCS0)_2TX

12/11/2020

2462MHz_TX



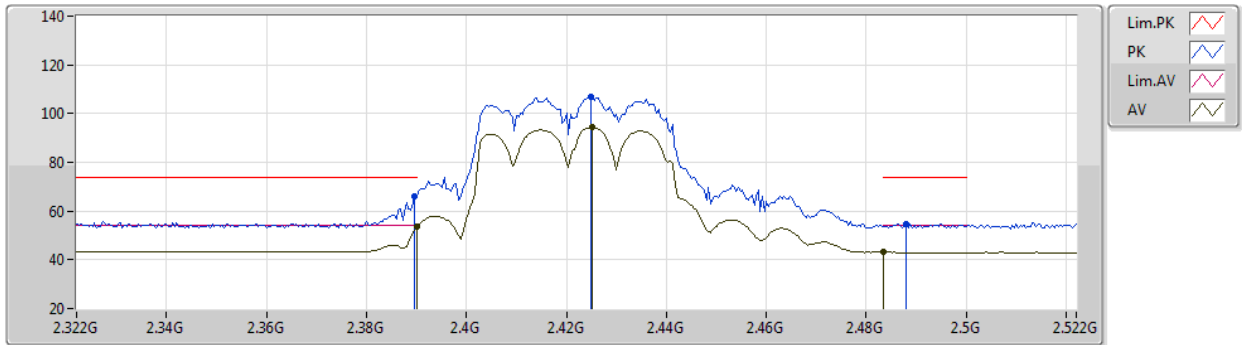
EUT Y_2TX
Setting 19.5
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92399G	45.96	74.00	-28.04	41.38	3	Horizontal	135	1.58	-	31.20	5.00	31.62
AV	4.92539G	33.40	54.00	-20.60	28.82	3	Horizontal	135	1.58	-	31.20	5.00	31.62

802.11ax HEW40_Nss1,(MCS0)_2TX

12/11/2020

2422MHz_TX

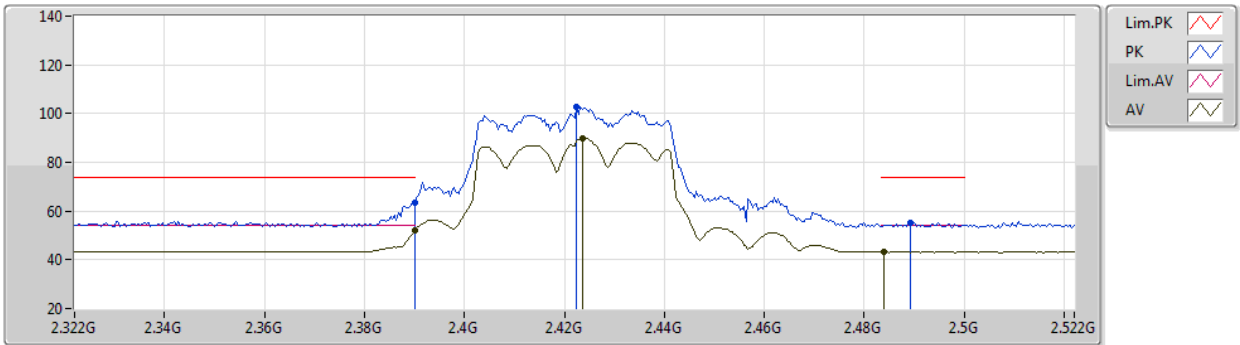

EUT Y_2TX
Setting 15
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3896G	65.89	74.00	-8.11	35.21	3	Vertical	306	2.49	-	27.60	3.08	-
AV	2.39G	53.66	54.00	-0.34	22.98	3	Vertical	306	2.49	-	27.60	3.08	-
PK	2.4248G	107.12	Inf	-Inf	76.50	3	Vertical	306	2.49	-	27.50	3.12	-
AV	2.4252G	94.32	Inf	-Inf	63.69	3	Vertical	306	2.49	-	27.50	3.13	-
PK	2.488G	54.86	74.00	-19.14	24.27	3	Vertical	306	2.49	-	27.40	3.19	-
AV	2.4835G	43.11	54.00	-10.89	12.53	3	Vertical	306	2.49	-	27.40	3.18	-

802.11ax HEW40_Nss1,(MCS0)_2TX

12/11/2020

2422MHz_TX



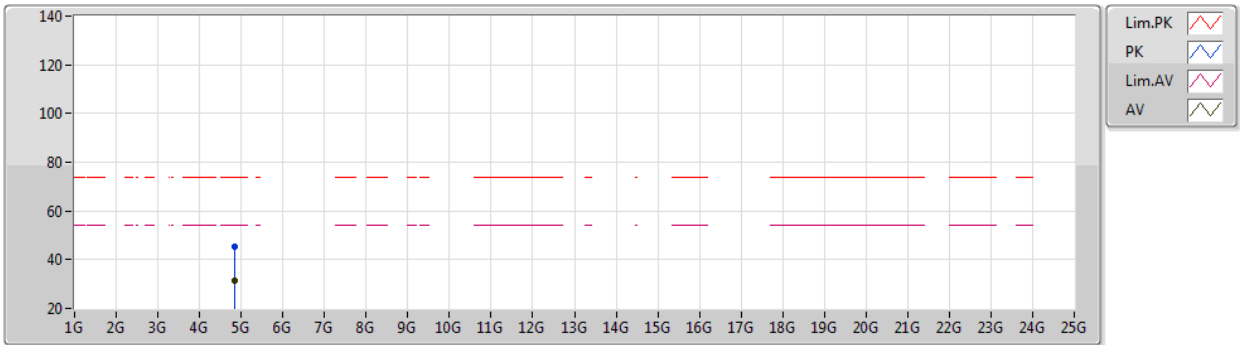
EUT Y_2TX
Setting 15
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.39G	63.61	74.00	-10.39	32.93	3	Horizontal	258	1.80	-	27.60	3.08	-
AV	2.39G	52.07	54.00	-1.93	21.39	3	Horizontal	258	1.80	-	27.60	3.08	-
PK	2.4224G	102.57	Inf	-Inf	71.94	3	Horizontal	258	1.80	-	27.51	3.12	-
AV	2.4236G	89.75	Inf	-Inf	59.12	3	Horizontal	258	1.80	-	27.51	3.12	-
PK	2.4892G	55.36	74.00	-18.64	24.77	3	Horizontal	258	1.80	-	27.40	3.19	-
AV	2.484G	43.22	54.00	-10.78	12.64	3	Horizontal	258	1.80	-	27.40	3.18	-

802.11ax HEW40_Nss1,(MCS0)_2TX

12/11/2020

2422MHz_TX



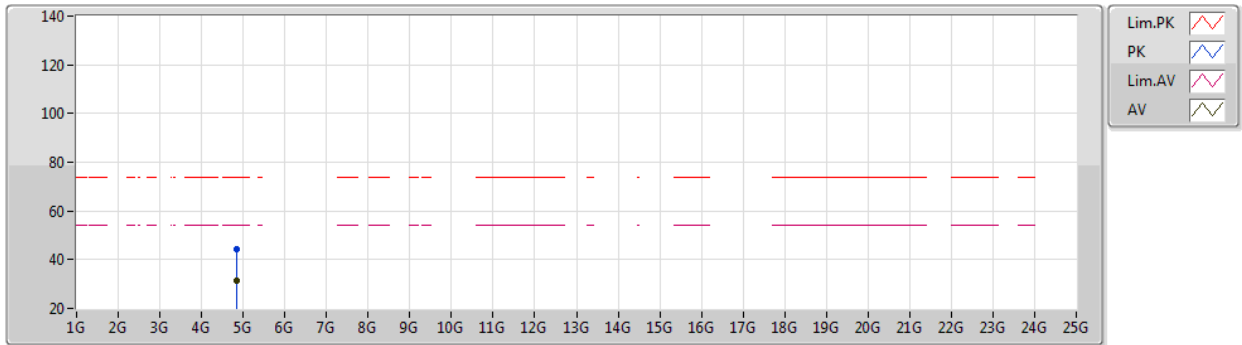
EUT Y_2TX
Setting 15
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.84355G	45.28	74.00	-28.72	40.83	3	Vertical	272	1.41	-	31.17	5.00	31.72
AV	4.84534G	31.62	54.00	-22.38	27.16	3	Vertical	272	1.41	-	31.18	5.00	31.72

802.11ax HEW40_Nss1,(MCS0)_2TX

12/11/2020

2422MHz_TX



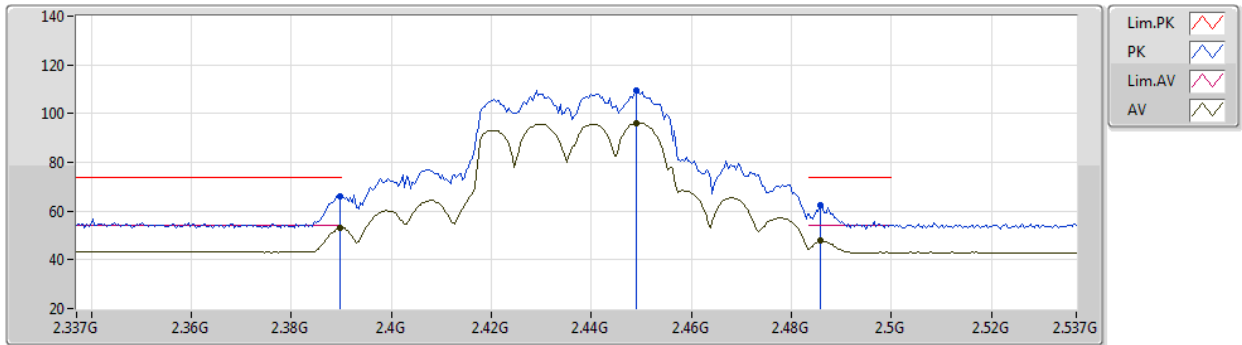
EUT Y_2TX
Setting 15
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.8452G	44.56	74.00	-29.44	40.10	3	Horizontal	56	2.17	-	31.18	5.00	31.72
AV	4.84407G	31.55	54.00	-22.45	27.09	3	Horizontal	56	2.17	-	31.18	5.00	31.72

802.11ax HEW40_Nss1,(MCS0)_2TX

12/11/2020

2437MHz_TX



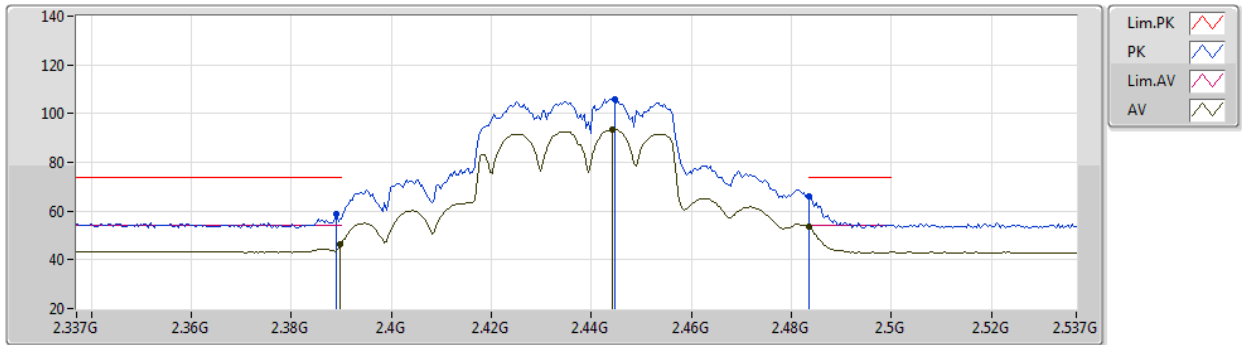
EUT Y_2TX
Setting 17.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	66.16	74.00	-7.84	35.48	3	Vertical	306	2.68	-	27.60	3.08	-
AV	2.3898G	53.07	54.00	-0.93	22.39	3	Vertical	306	2.68	-	27.60	3.08	-
PK	2.449G	109.35	Inf	-Inf	78.80	3	Vertical	306	2.68	-	27.40	3.15	-
AV	2.449G	96.10	Inf	-Inf	65.55	3	Vertical	306	2.68	-	27.40	3.15	-
PK	2.4858G	62.35	74.00	-11.65	31.76	3	Vertical	306	2.68	-	27.40	3.19	-
AV	2.4858G	47.92	54.00	-6.08	17.33	3	Vertical	306	2.68	-	27.40	3.19	-

802.11ax HEW40_Nss1,(MCS0)_2TX

12/11/2020

2437MHz_TX



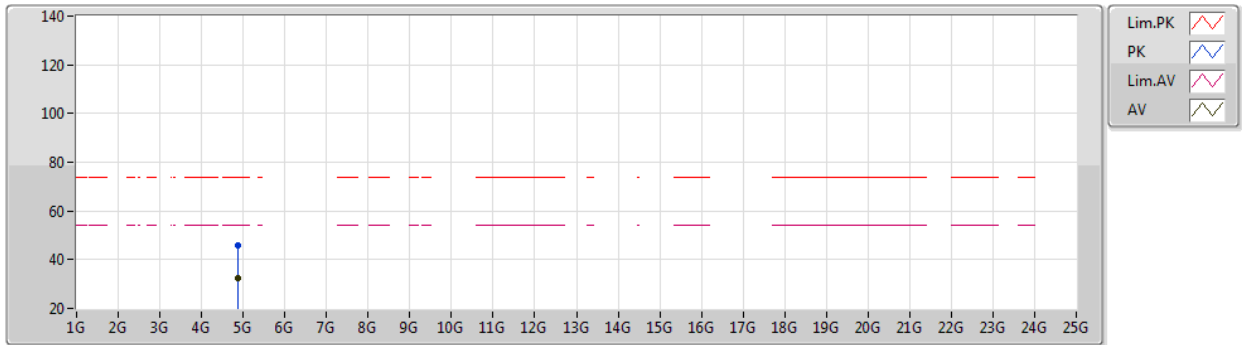
EUT Y_2TX
Setting 17.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.389G	59.01	74.00	-14.99	28.33	3	Horizontal	305	1.80	-	27.60	3.08	-
AV	2.3898G	46.24	54.00	-7.76	15.56	3	Horizontal	305	1.80	-	27.60	3.08	-
PK	2.4446G	106.06	Inf	-Inf	75.50	3	Horizontal	305	1.80	-	27.42	3.14	-
AV	2.4442G	93.55	Inf	-Inf	62.99	3	Horizontal	305	1.80	-	27.42	3.14	-
PK	2.4835G	65.93	74.00	-8.07	35.35	3	Horizontal	305	1.80	-	27.40	3.18	-
AV	2.4835G	53.52	54.00	-0.48	22.94	3	Horizontal	305	1.80	-	27.40	3.18	-

802.11ax HEW40_Nss1,(MCS0)_2TX

12/11/2020

2437MHz_TX



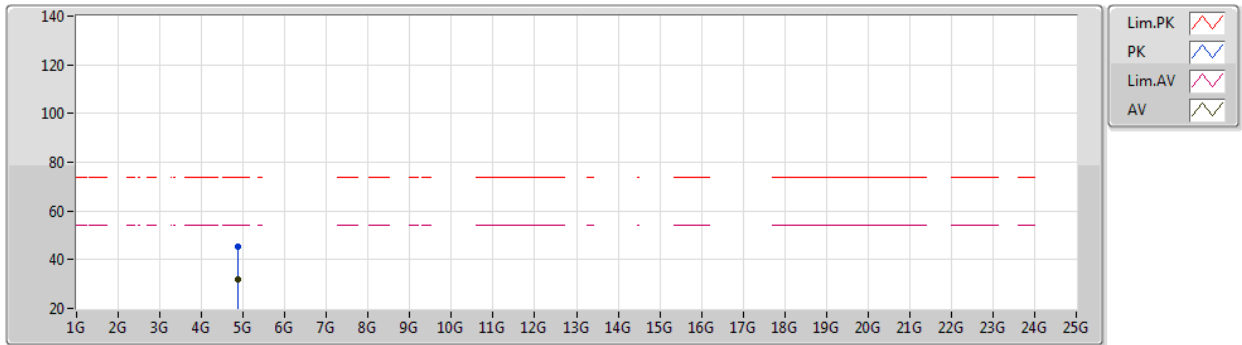
EUT Y_2TX
Setting 17.5
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87326G	45.96	74.00	-28.04	41.49	3	Vertical	139	2.64	-	31.15	5.00	31.68
AV	4.87569G	32.22	54.00	-21.78	27.75	3	Vertical	139	2.64	-	31.15	5.00	31.68

802.11ax HEW40_Nss1,(MCS0)_2TX

12/11/2020

2437MHz_TX



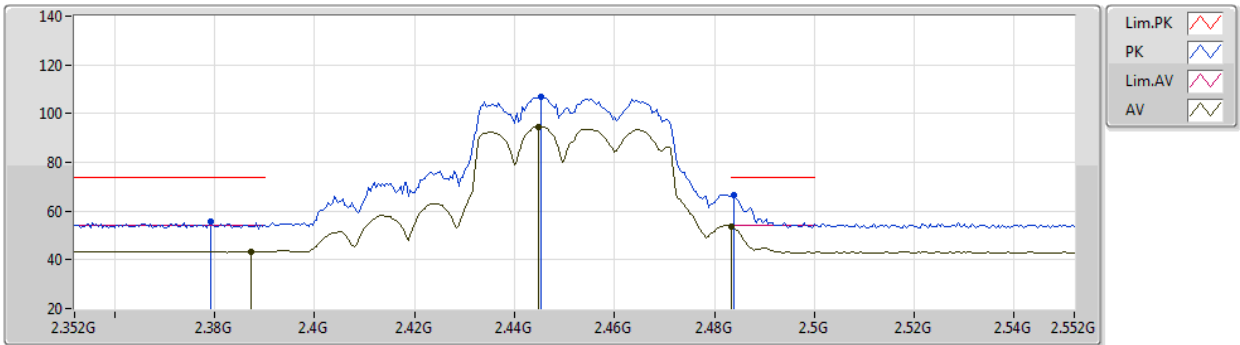
EUT Y_2TX
Setting 17.5
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.876G	45.28	74.00	-28.72	40.81	3	Horizontal	212	2.50	-	31.15	5.00	31.68
AV	4.87273G	32.15	54.00	-21.85	27.69	3	Horizontal	212	2.50	-	31.15	5.00	31.69

802.11ax HEW40_Nss1,(MCS0)_2TX

12/11/2020

2452MHz_TX



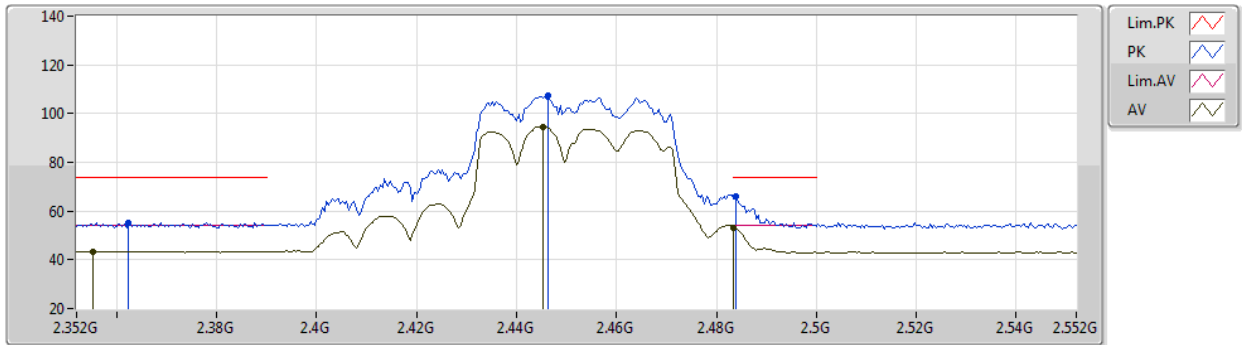
EUT Y_2TX
Setting 16
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3792G	55.47	74.00	-18.53	24.81	3	Vertical	306	2.76	-	27.60	3.06	-
AV	2.3872G	43.24	54.00	-10.76	12.57	3	Vertical	306	2.76	-	27.60	3.07	-
PK	2.4452G	107.09	Inf	-Inf	76.52	3	Vertical	306	2.76	-	27.42	3.15	-
AV	2.4448G	94.73	Inf	-Inf	64.17	3	Vertical	306	2.76	-	27.42	3.14	-
PK	2.484G	66.46	74.00	-7.54	35.88	3	Vertical	306	2.76	-	27.40	3.18	-
AV	2.4835G	53.57	54.00	-0.43	22.99	3	Vertical	306	2.76	-	27.40	3.18	-

802.11ax HEW40_Nss1,(MCS0)_2TX

12/11/2020

2452MHz_TX



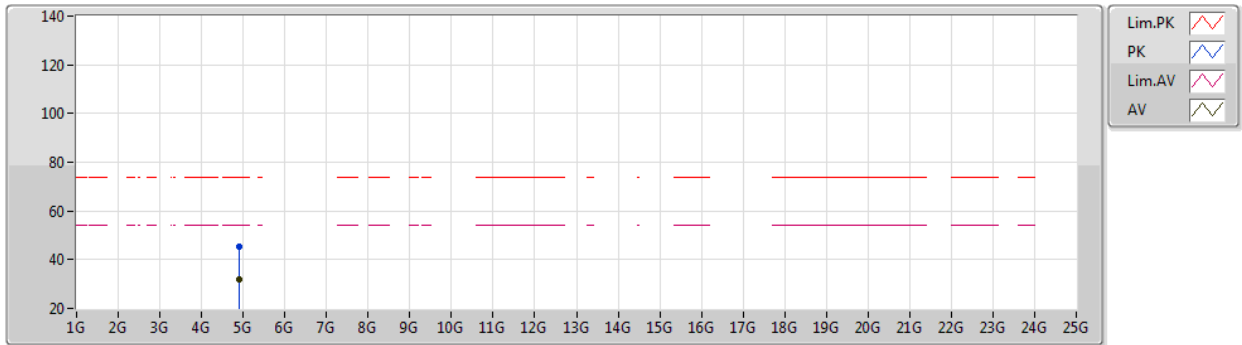
EUT Y_2TX
Setting 16
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3624G	55.24	74.00	-18.76	24.62	3	Horizontal	306	2.76	-	27.60	3.02	-
AV	2.3552G	43.28	54.00	-10.72	12.67	3	Horizontal	306	2.76	-	27.60	3.01	-
PK	2.4464G	107.34	Inf	-Inf	76.78	3	Horizontal	306	2.76	-	27.41	3.15	-
AV	2.4452G	94.69	Inf	-Inf	64.12	3	Horizontal	306	2.76	-	27.42	3.15	-
PK	2.484G	66.05	74.00	-7.95	35.47	3	Horizontal	306	2.76	-	27.40	3.18	-
AV	2.4835G	53.30	54.00	-0.70	22.72	3	Horizontal	306	2.76	-	27.40	3.18	-

802.11ax HEW40_Nss1,(MCS0)_2TX

12/11/2020

2452MHz_TX



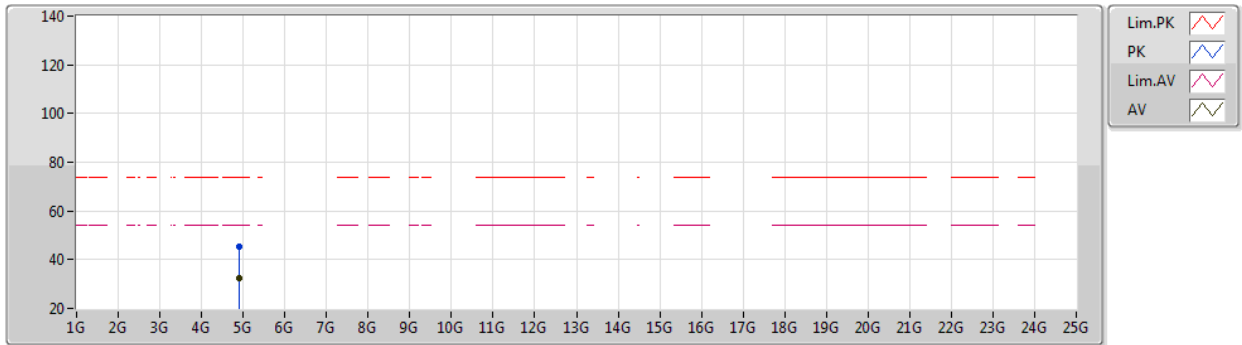
EUT Y_2TX
Setting 16
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.90634G	45.53	74.00	-28.47	41.04	3	Vertical	29	2.76	-	31.13	5.00	31.64
AV	4.90183G	32.15	54.00	-21.85	27.69	3	Vertical	29	2.76	-	31.11	5.00	31.65

802.11ax HEW40_Nss1,(MCS0)_2TX

12/11/2020

2452MHz_TX



EUT Y_2TX
Setting 16
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.90287G	45.38	74.00	-28.62	40.92	3	Horizontal	54	1.37	-	31.11	5.00	31.65
AV	4.90163G	32.31	54.00	-21.69	27.85	3	Horizontal	54	1.37	-	31.11	5.00	31.65



For non-beamforming mode:

For Set 2:

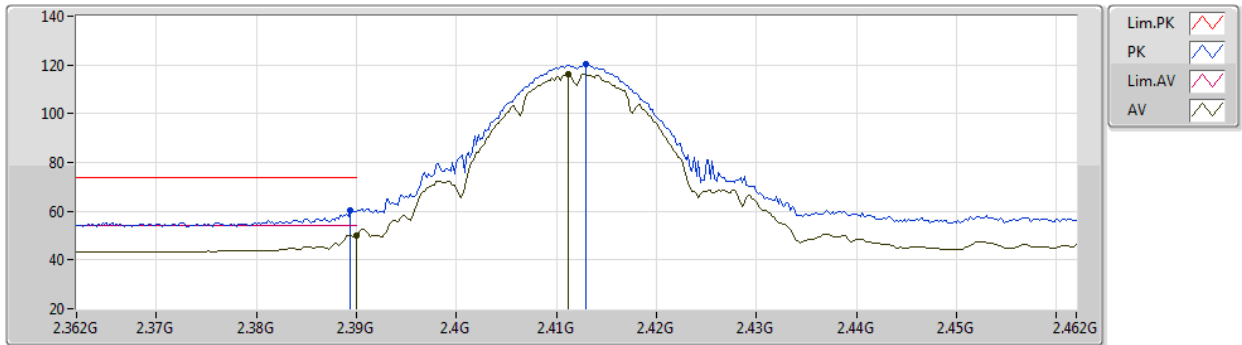
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	2.3886G	53.95	54.00	-0.05	3	Vertical	172	3.00	-

802.11b_Nss1,(1Mbps)_2TX

10/11/2020

2412MHz_TX



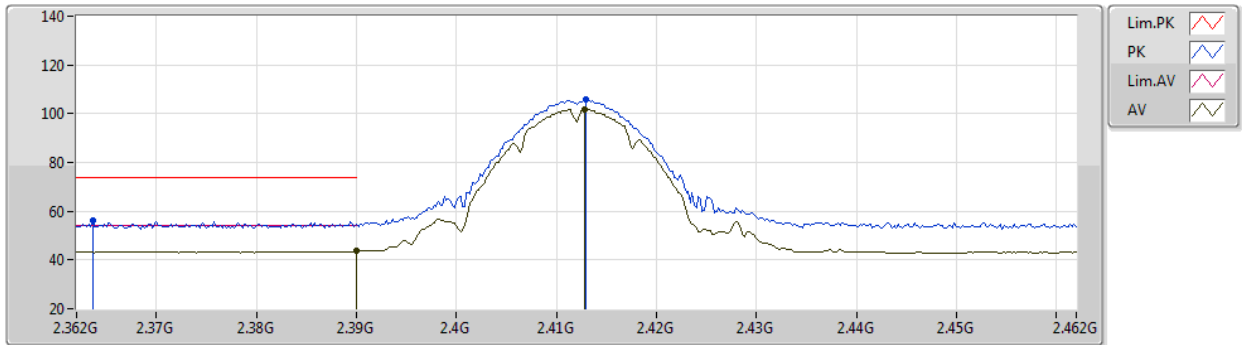
EUT_Z_2TX
Setting 21.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3894G	60.12	74.00	-13.88	29.44	3	Vertical	166	2.43	-	27.60	3.08	-
AV	2.39G	50.09	54.00	-3.91	19.41	3	Vertical	166	2.43	-	27.60	3.08	-
PK	2.413G	120.19	Inf	-Inf	89.53	3	Vertical	166	2.43	-	27.55	3.11	-
AV	2.4112G	116.31	Inf	-Inf	85.64	3	Vertical	166	2.43	-	27.56	3.11	-

802.11b_Nss1,(1Mbps)_2TX

10/11/2020

2412MHz_TX



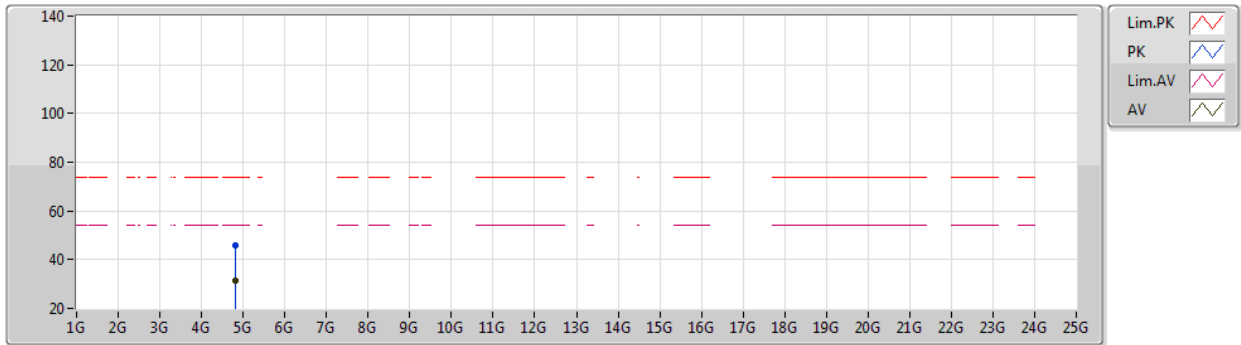
EUT Z_2TX
Setting 21.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3636G	55.95	74.00	-18.05	25.32	3	Horizontal	113	1.15	-	27.60	3.03	-
AV	2.39G	43.62	54.00	-10.38	12.94	3	Horizontal	113	1.15	-	27.60	3.08	-
PK	2.413G	105.79	Inf	-Inf	75.13	3	Horizontal	113	1.15	-	27.55	3.11	-
AV	2.4128G	101.70	Inf	-Inf	71.04	3	Horizontal	113	1.15	-	27.55	3.11	-

802.11b_Nss1,(1Mbps)_2TX

10/11/2020

2412MHz_TX



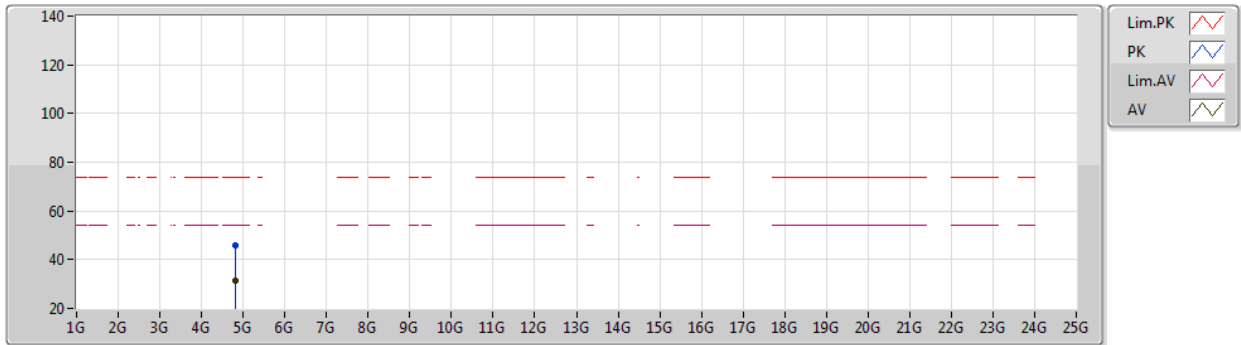
EUT Z_2TX
Setting 21.5
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.8229G	45.84	74.00	-28.16	41.50	3	Vertical	92	2.40	-	31.09	5.00	31.75
AV	4.82153G	31.52	54.00	-22.48	27.18	3	Vertical	92	2.40	-	31.09	5.00	31.75

802.11b_Nss1,(1Mbps)_2TX

10/11/2020

2412MHz_TX



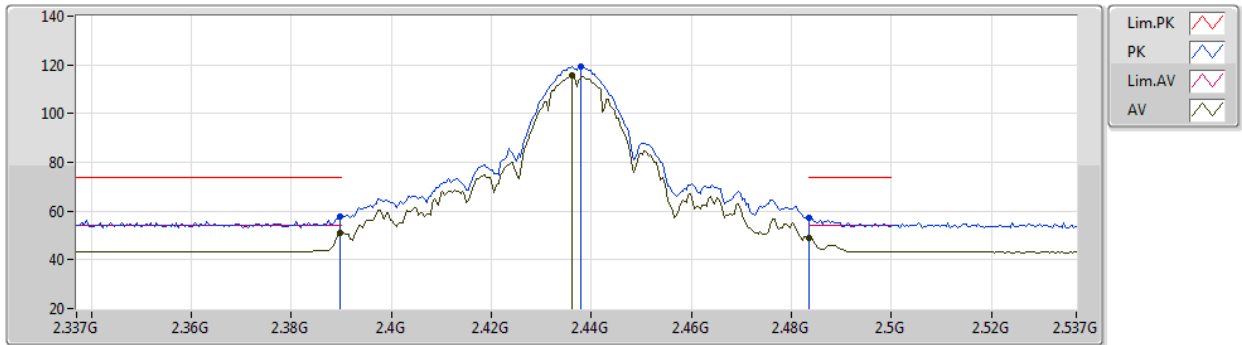
EUT Z_2TX
Setting 21.5
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.8233G	45.95	74.00	-28.05	41.61	3	Horizontal	294	2.12	-	31.09	5.00	31.75
AV	4.82165G	31.51	54.00	-22.49	27.17	3	Horizontal	294	2.12	-	31.09	5.00	31.75

802.11b_Nss1,(1Mbps)_2TX

10/11/2020

2437MHz_TX



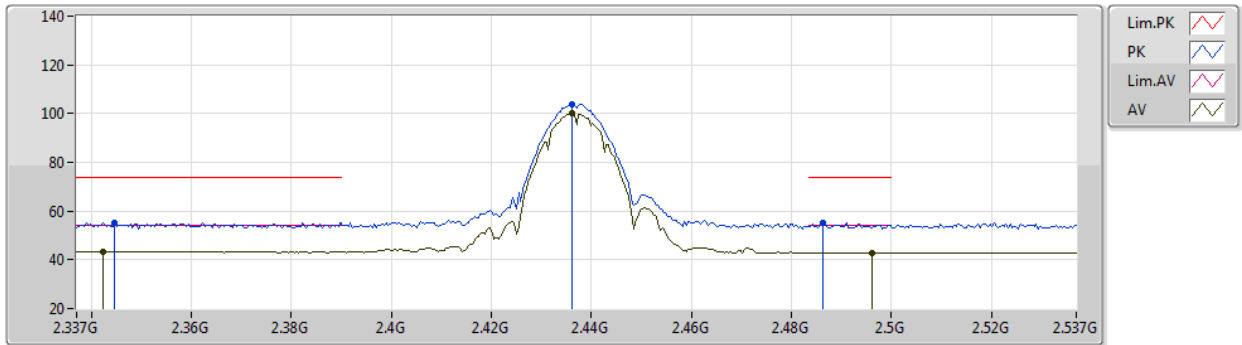
EUT_Z_2TX
Setting 23
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	57.78	74.00	-16.22	27.10	3	Vertical	165	2.63	-	27.60	3.08	-
AV	2.3898G	50.85	54.00	-3.15	20.17	3	Vertical	165	2.63	-	27.60	3.08	-
PK	2.4378G	119.41	Inf	-Inf	88.82	3	Vertical	165	2.63	-	27.45	3.14	-
AV	2.4362G	115.51	Inf	-Inf	84.91	3	Vertical	165	2.63	-	27.46	3.14	-
PK	2.4835G	57.40	74.00	-16.60	26.82	3	Vertical	165	2.63	-	27.40	3.18	-
AV	2.4835G	49.22	54.00	-4.78	18.64	3	Vertical	165	2.63	-	27.40	3.18	-

802.11b_Nss1,(1Mbps)_2TX

10/11/2020

2437MHz_TX



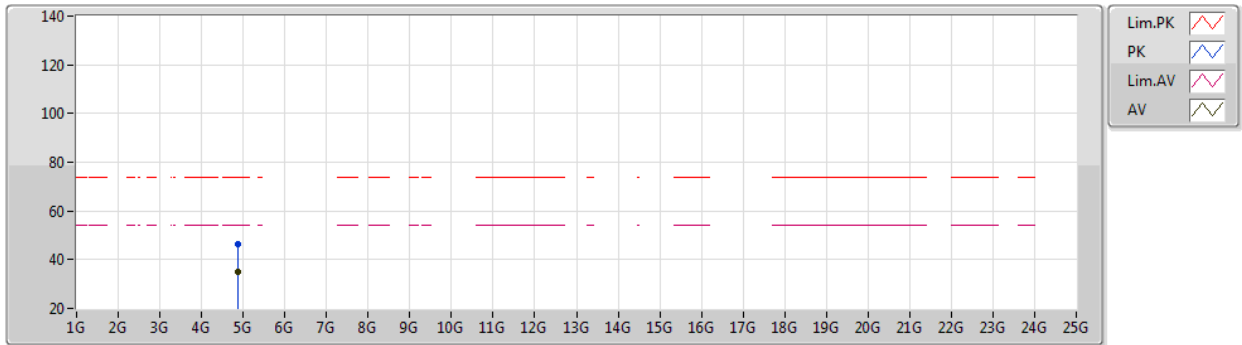
EUT_Z_2TX
Setting 23
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3446G	55.43	74.00	-18.57	24.83	3	Horizontal	206	1.03	-	27.61	2.99	-
AV	2.3422G	43.20	54.00	-10.80	12.60	3	Horizontal	206	1.03	-	27.62	2.98	-
PK	2.4362G	103.96	Inf	-Inf	73.36	3	Horizontal	206	1.03	-	27.46	3.14	-
AV	2.4362G	100.16	Inf	-Inf	69.56	3	Horizontal	206	1.03	-	27.46	3.14	-
PK	2.4862G	55.28	74.00	-18.72	24.69	3	Horizontal	206	1.03	-	27.40	3.19	-
AV	2.4962G	42.97	54.00	-11.03	12.37	3	Horizontal	206	1.03	-	27.40	3.20	-

802.11b_Nss1,(1Mbps)_2TX

10/11/2020

2437MHz_TX



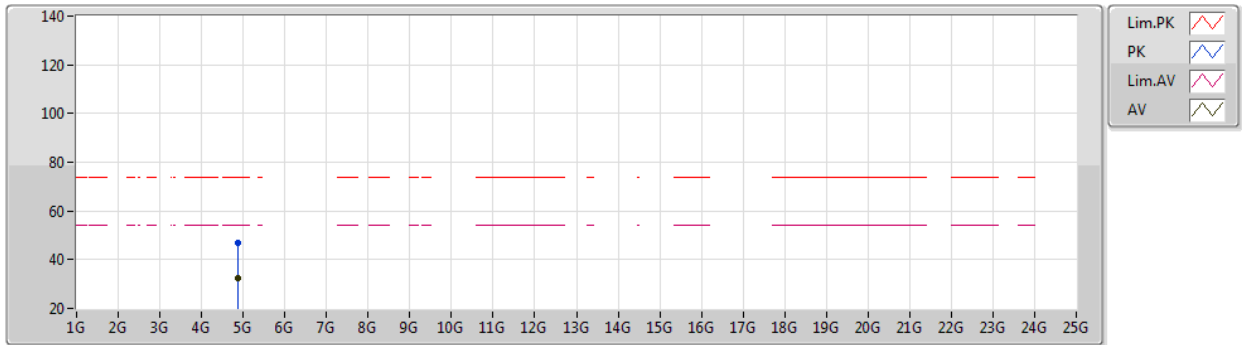
EUT_Z_2TX
Setting 23
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87276G	46.51	74.00	-27.49	42.05	3	Vertical	322	2.55	-	31.15	5.00	31.69
AV	4.87396G	34.82	54.00	-19.18	30.35	3	Vertical	322	2.55	-	31.15	5.00	31.68

802.11b_Nss1,(1Mbps)_2TX

10/11/2020

2437MHz_TX



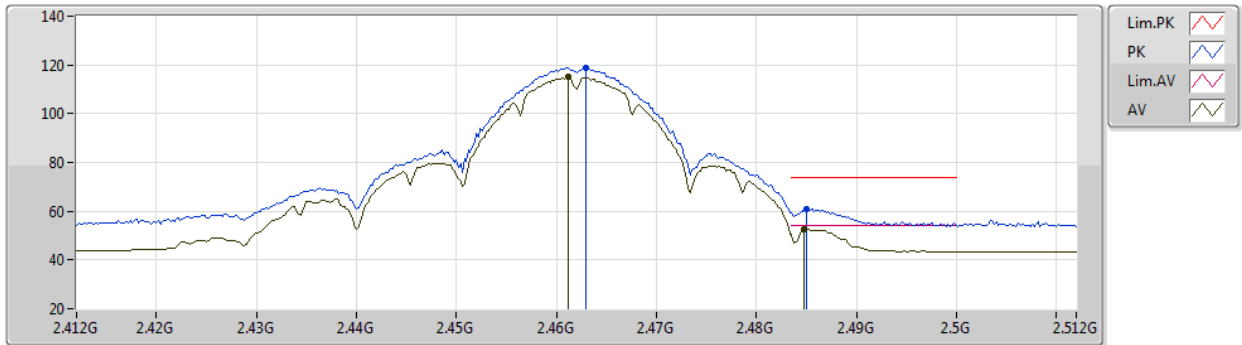
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Setting 23
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.8738G	47.13	74.00	-26.87	42.66	3	Horizontal	176	1.80	-	31.15	5.00	31.68
AV	4.87342G	32.24	54.00	-21.76	27.77	3	Horizontal	176	1.80	-	31.15	5.00	31.68

802.11b_Nss1,(1Mbps)_2TX

10/11/2020

2462MHz_TX



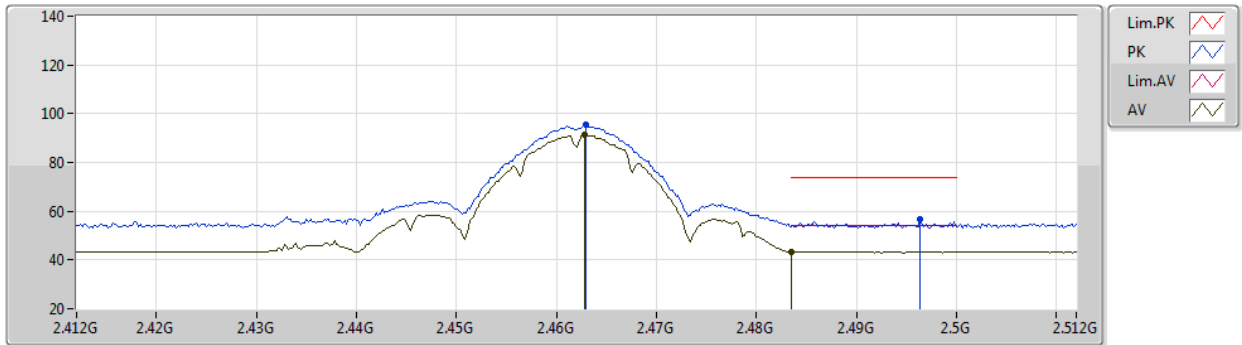
EUT Z_2TX
Setting 22.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.463G	118.82	Inf	-Inf	88.26	3	Vertical	165	2.70	-	27.40	3.16	-
AV	2.4612G	115.01	Inf	-Inf	84.45	3	Vertical	165	2.70	-	27.40	3.16	-
PK	2.485G	60.92	74.00	-13.08	30.33	3	Vertical	165	2.70	-	27.40	3.19	-
AV	2.4848G	52.46	54.00	-1.54	21.88	3	Vertical	165	2.70	-	27.40	3.18	-

802.11b_Nss1,(1Mbps)_2TX

10/11/2020

2462MHz_TX



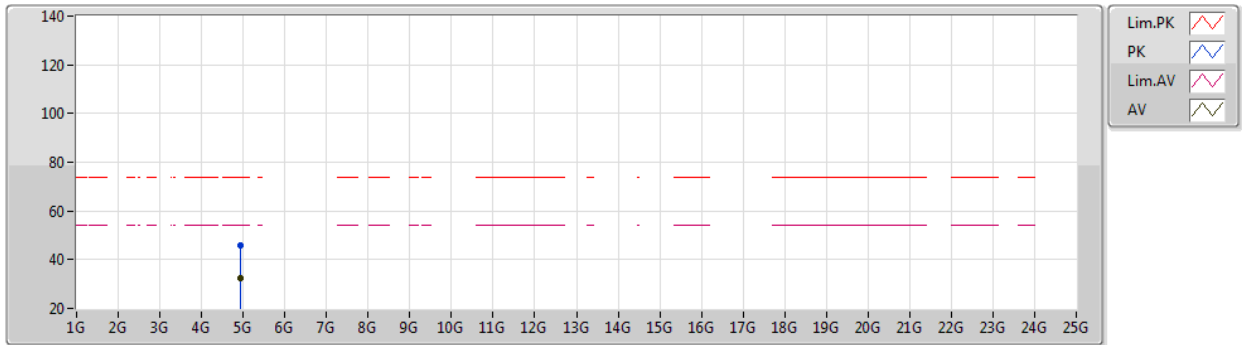
EUT Z_2TX
Setting 22.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.463G	95.31	Inf	-Inf	64.75	3	Horizontal	165	2.70	-	27.40	3.16	-
AV	2.4628G	91.33	Inf	-Inf	60.77	3	Horizontal	165	2.70	-	27.40	3.16	-
PK	2.4964G	56.54	74.00	-17.46	25.94	3	Horizontal	165	2.70	-	27.40	3.20	-
AV	2.4835G	43.21	54.00	-10.79	12.63	3	Horizontal	165	2.70	-	27.40	3.18	-

802.11b_Nss1,(1Mbps)_2TX

10/11/2020

2462MHz_TX



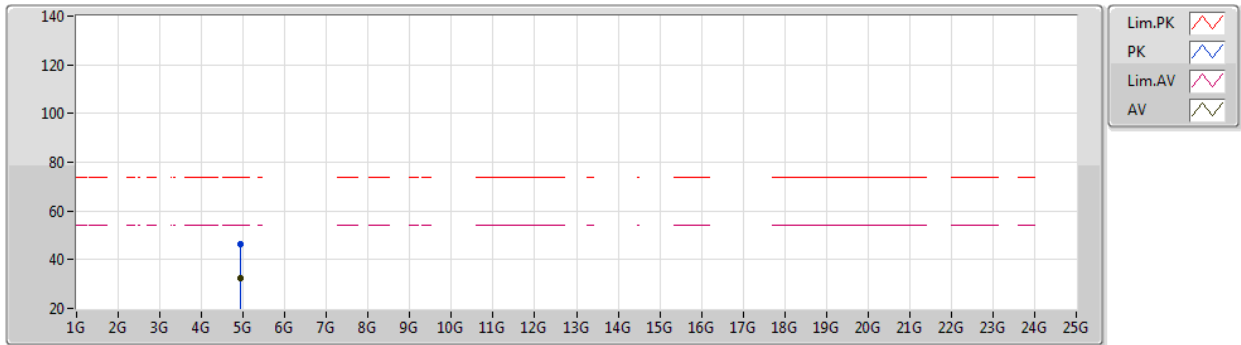
EUT Z_2TX
Setting 22.5
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92335G	45.79	74.00	-28.21	41.22	3	Vertical	256	2.34	-	31.19	5.00	31.62
AV	4.92618G	32.30	54.00	-21.70	27.72	3	Vertical	256	2.34	-	31.20	5.00	31.62

802.11b_Nss1,(1Mbps)_2TX

10/11/2020

2462MHz_TX



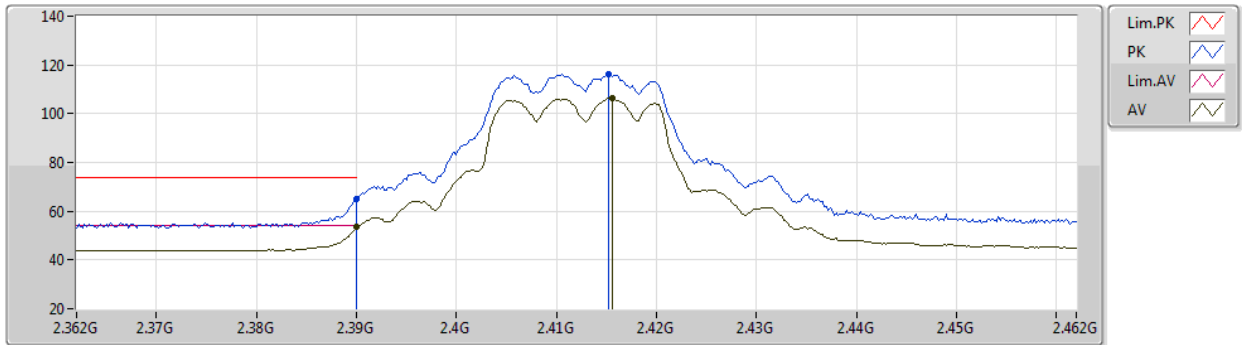
EUT_Z_2TX
Setting 22.5
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92639G	46.38	74.00	-27.62	41.79	3	Horizontal	266	1.33	-	31.21	5.00	31.62
AV	4.92632G	32.27	54.00	-21.73	27.68	3	Horizontal	266	1.33	-	31.21	5.00	31.62

802.11g_Nss1,(6Mbps)_2TX

10/11/2020

2412MHz_TX



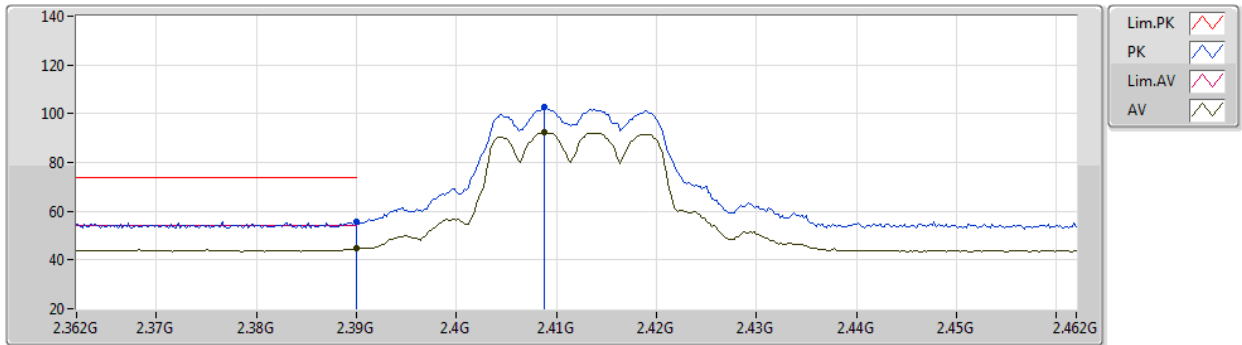
EUT Z_2TX
Setting 18.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.39G	65.15	74.00	-8.85	34.47	3	Vertical	176	2.82	-	27.60	3.08	-
AV	2.39G	53.71	54.00	-0.29	23.03	3	Vertical	176	2.82	-	27.60	3.08	-
PK	2.4152G	116.09	Inf	-Inf	85.43	3	Vertical	176	2.82	-	27.54	3.12	-
AV	2.4156G	106.29	Inf	-Inf	75.63	3	Vertical	176	2.82	-	27.54	3.12	-

802.11g_Nss1,(6Mbps)_2TX

10/11/2020

2412MHz_TX



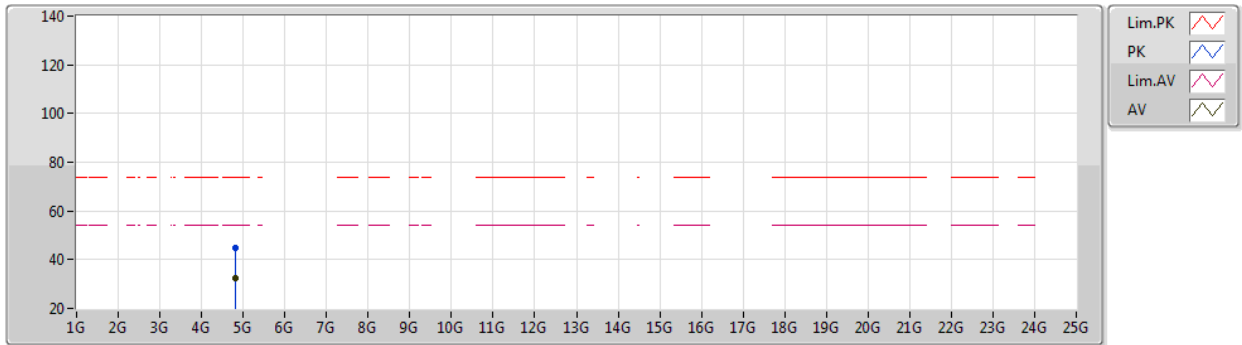
EUT Z_2TX
Setting 18.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.39G	55.76	74.00	-18.24	25.08	3	Horizontal	240	1.00	-	27.60	3.08	-
AV	2.39G	44.81	54.00	-9.19	14.13	3	Horizontal	240	1.00	-	27.60	3.08	-
PK	2.4088G	102.82	Inf	-Inf	72.15	3	Horizontal	240	1.00	-	27.56	3.11	-
AV	2.4088G	92.59	Inf	-Inf	61.92	3	Horizontal	240	1.00	-	27.56	3.11	-

802.11g_Nss1,(6Mbps)_2TX

10/11/2020

2412MHz_TX



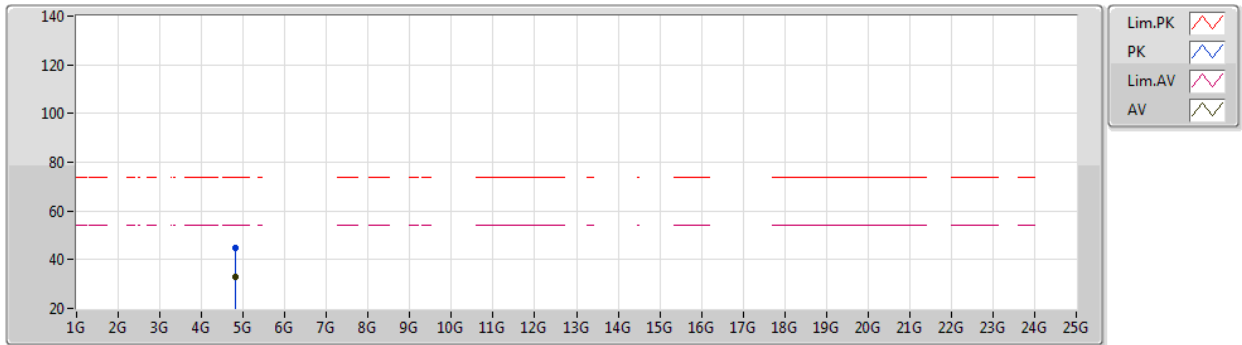
EUT Z_2TX
Setting 18.5
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.82342G	44.93	74.00	-29.07	40.59	3	Vertical	300	1.92	-	31.09	5.00	31.75
AV	4.82219G	32.66	54.00	-21.34	28.32	3	Vertical	300	1.92	-	31.09	5.00	31.75

802.11g_Nss1,(6Mbps)_2TX

10/11/2020

2412MHz_TX



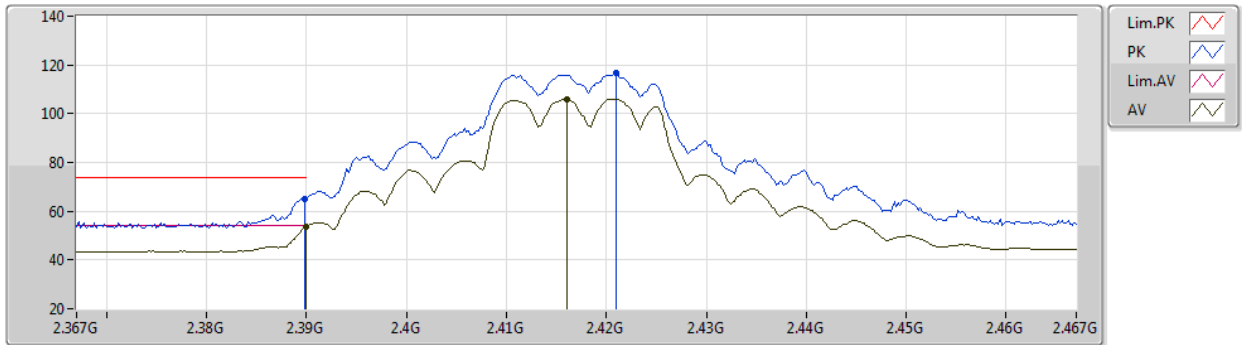
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Setting 18.5
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.82439G	44.97	74.00	-29.03	40.61	3	Horizontal	155	2.67	-	31.10	5.00	31.74
AV	4.8265G	32.76	54.00	-21.24	28.39	3	Horizontal	155	2.67	-	31.11	5.00	31.74

802.11g_Nss1,(6Mbps)_2TX

10/11/2020

2417MHz_TX



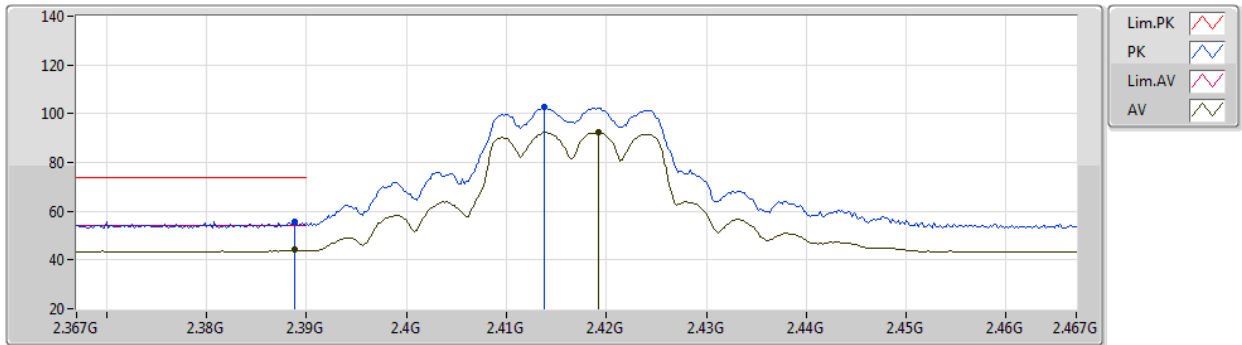
EUT_Z_2TX
Setting 18.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	65.24	74.00	-8.76	34.56	3	Vertical	162	2.43	-	27.60	3.08	-
AV	2.39G	53.65	54.00	-0.35	22.97	3	Vertical	162	2.43	-	27.60	3.08	-
PK	2.421G	116.53	Inf	-Inf	85.89	3	Vertical	162	2.43	-	27.52	3.12	-
AV	2.416G	106.05	Inf	-Inf	75.39	3	Vertical	162	2.43	-	27.54	3.12	-

802.11g_Nss1,(6Mbps)_2TX

10/11/2020

2417MHz_TX



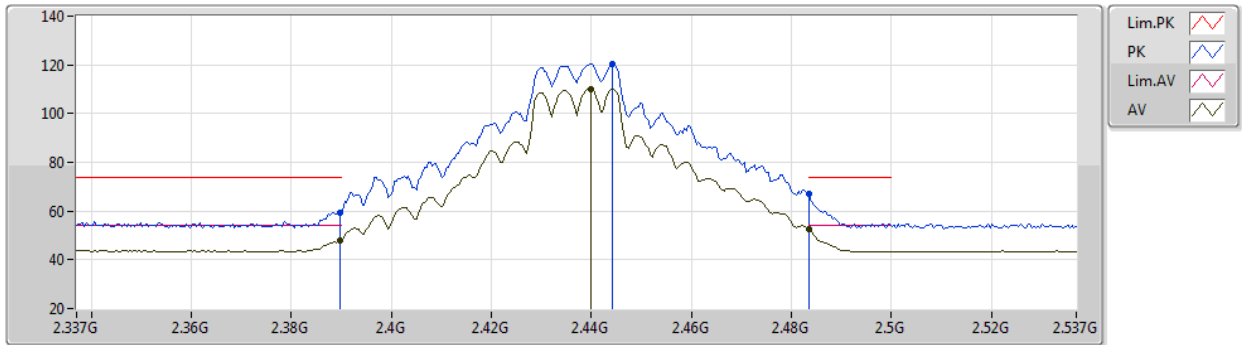
EUT_Z_2TX
Setting 18.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3888G	55.92	74.00	-18.08	25.24	3	Horizontal	240	1.39	-	27.60	3.08	-
AV	2.3888G	44.10	54.00	-9.90	13.42	3	Horizontal	240	1.39	-	27.60	3.08	-
PK	2.4138G	102.88	Inf	-Inf	72.23	3	Horizontal	240	1.39	-	27.54	3.11	-
AV	2.4192G	92.35	Inf	-Inf	61.71	3	Horizontal	240	1.39	-	27.52	3.12	-

802.11g_Nss1,(6Mbps)_2TX

10/11/2020

2437MHz_TX



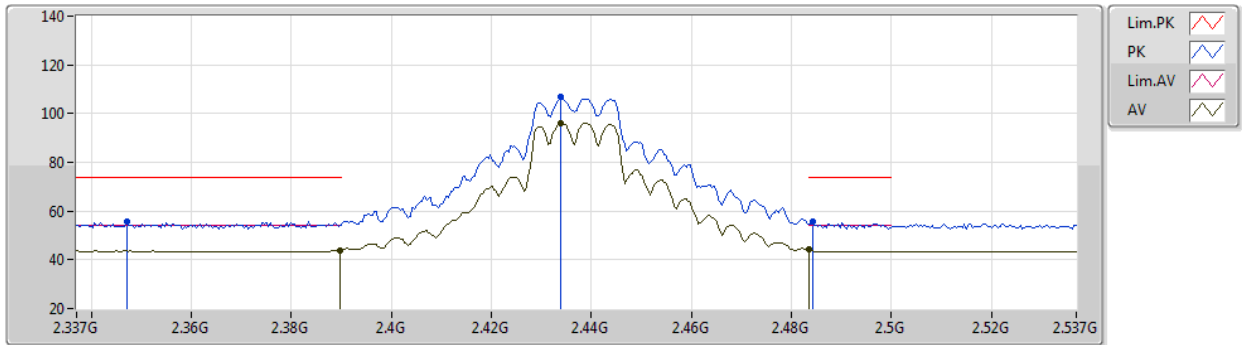
EUT_Z_2TX
Setting 22.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	59.22	74.00	-14.78	28.54	3	Vertical	157	2.68	-	27.60	3.08	-
AV	2.3898G	47.72	54.00	-6.28	17.04	3	Vertical	157	2.68	-	27.60	3.08	-
PK	2.4442G	120.44	Inf	-Inf	89.88	3	Vertical	157	2.68	-	27.42	3.14	-
AV	2.4398G	110.20	Inf	-Inf	79.62	3	Vertical	157	2.68	-	27.44	3.14	-
PK	2.4835G	67.14	74.00	-6.86	36.56	3	Vertical	157	2.68	-	27.40	3.18	-
AV	2.4835G	52.79	54.00	-1.21	22.21	3	Vertical	157	2.68	-	27.40	3.18	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

10/11/2020



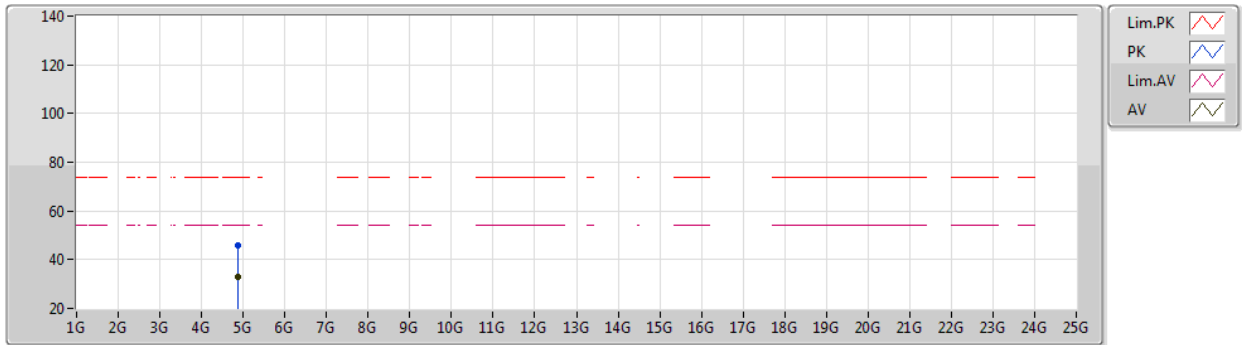
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Setting 22.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.347G	55.47	74.00	-18.53	24.87	3	Horizontal	239	1.33	-	27.61	2.99	-
AV	2.3898G	43.97	54.00	-10.03	13.29	3	Horizontal	239	1.33	-	27.60	3.08	-
PK	2.4338G	106.67	Inf	-Inf	76.08	3	Horizontal	239	1.33	-	27.46	3.13	-
AV	2.4338G	96.15	Inf	-Inf	65.56	3	Horizontal	239	1.33	-	27.46	3.13	-
PK	2.4842G	55.56	74.00	-18.44	24.98	3	Horizontal	239	1.33	-	27.40	3.18	-
AV	2.4835G	44.30	54.00	-9.70	13.72	3	Horizontal	239	1.33	-	27.40	3.18	-

802.11g_Nss1,(6Mbps)_2TX

10/11/2020

2437MHz_TX



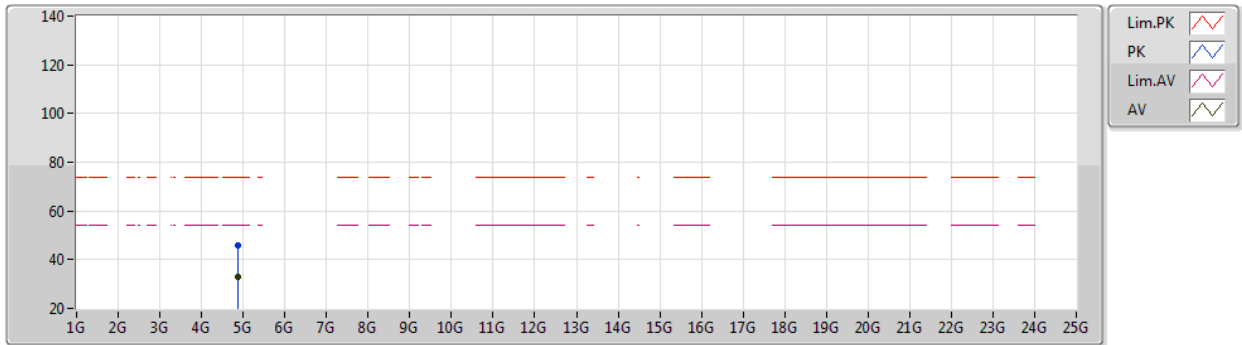
EUT Z_2TX
Setting 22.5
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87187G	45.67	74.00	-28.33	41.20	3	Vertical	158	2.93	-	31.16	5.00	31.69
AV	4.87592G	32.77	54.00	-21.23	28.30	3	Vertical	158	2.93	-	31.15	5.00	31.68

802.11g_Nss1,(6Mbps)_2TX

10/11/2020

2437MHz_TX



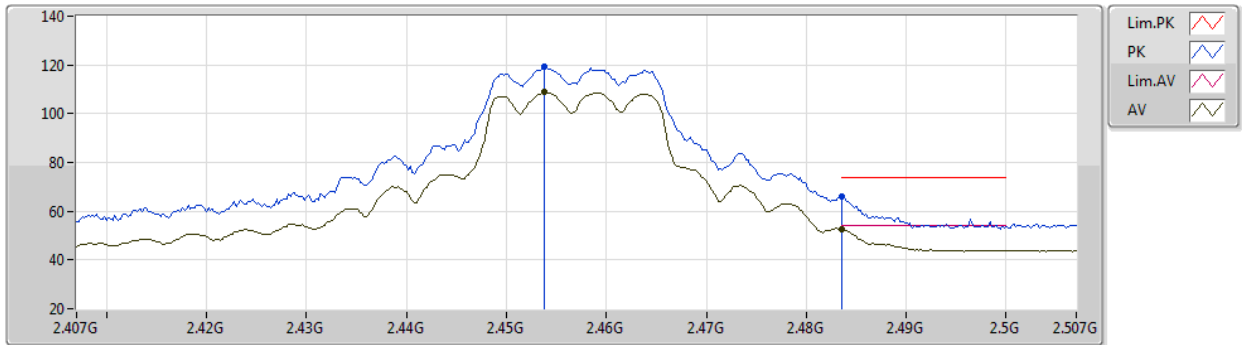
EUT_Z_2TX
Setting 22.5
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87243G	46.03	74.00	-27.97	41.56	3	Horizontal	307	1.85	-	31.16	5.00	31.69
AV	4.87433G	32.81	54.00	-21.19	28.34	3	Horizontal	307	1.85	-	31.15	5.00	31.68

802.11g_Nss1,(6Mbps)_2TX

10/11/2020

2457MHz_TX



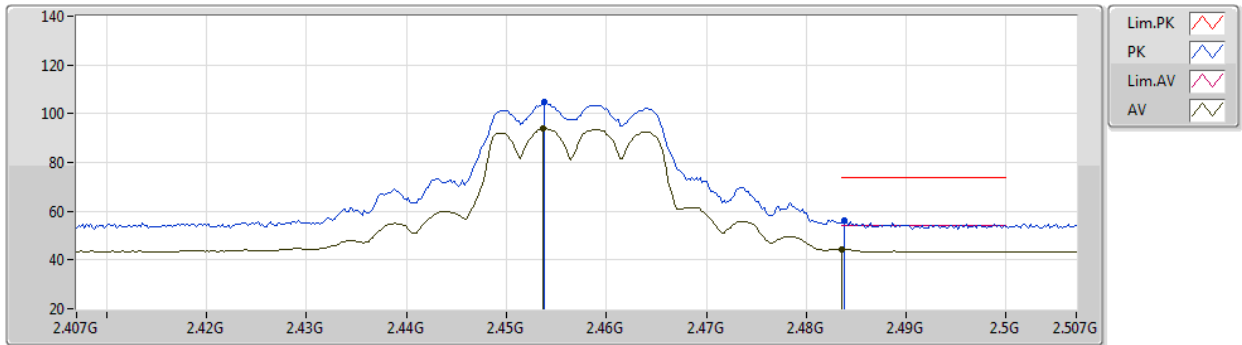
EUT_Z_2TX
Setting 20.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4538G	119.31	Inf	-Inf	88.76	3	Vertical	172	2.65	-	27.40	3.15	-
AV	2.4538G	108.97	Inf	-Inf	78.42	3	Vertical	172	2.65	-	27.40	3.15	-
PK	2.4836G	66.22	74.00	-7.78	35.64	3	Vertical	172	2.65	-	27.40	3.18	-
AV	2.4835G	52.48	54.00	-1.52	21.90	3	Vertical	172	2.65	-	27.40	3.18	-

802.11g_Nss1,(6Mbps)_2TX

10/11/2020

2457MHz_TX



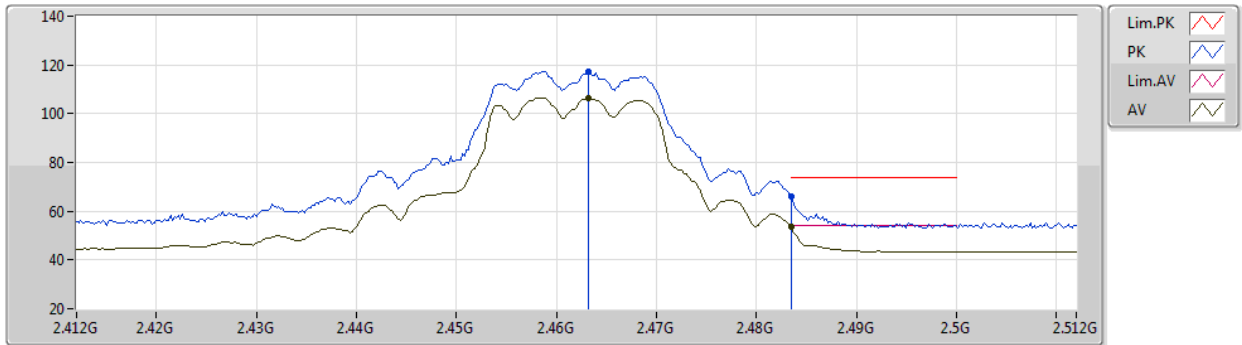
EUT Z_2TX
Setting 20.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4538G	104.96	Inf	-Inf	74.41	3	Horizontal	240	1.00	-	27.40	3.15	-
AV	2.4536G	94.08	Inf	-Inf	63.53	3	Horizontal	240	1.00	-	27.40	3.15	-
PK	2.4838G	56.28	74.00	-17.72	25.70	3	Horizontal	240	1.00	-	27.40	3.18	-
AV	2.4836G	44.31	54.00	-9.69	13.73	3	Horizontal	240	1.00	-	27.40	3.18	-

802.11g_Nss1,(6Mbps)_2TX

10/11/2020

2462MHz_TX



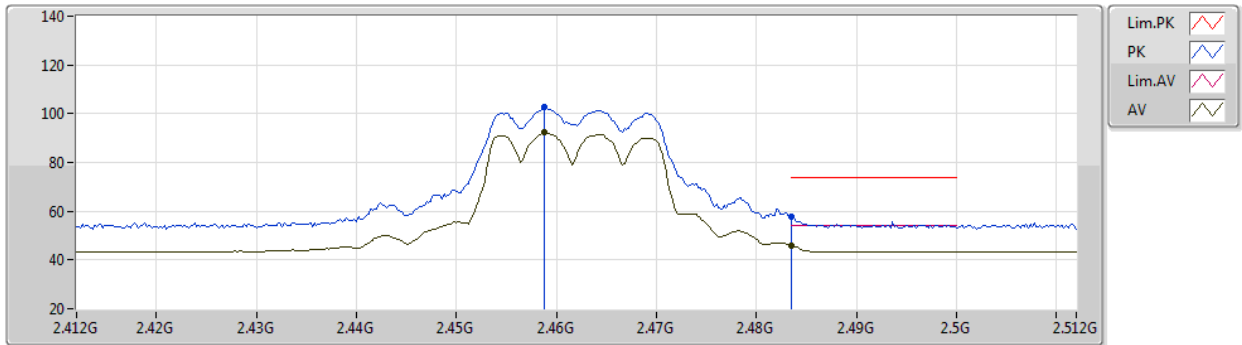
EUT Z_2TX
Setting 18.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4632G	117.22	Inf	-Inf	86.66	3	Vertical	170	2.64	-	27.40	3.16	-
AV	2.4632G	106.59	Inf	-Inf	76.03	3	Vertical	170	2.64	-	27.40	3.16	-
PK	2.4835G	65.81	74.00	-8.19	35.23	3	Vertical	170	2.64	-	27.40	3.18	-
AV	2.4835G	53.53	54.00	-0.47	22.95	3	Vertical	170	2.64	-	27.40	3.18	-

802.11g_Nss1,(6Mbps)_2TX

10/11/2020

2462MHz_TX



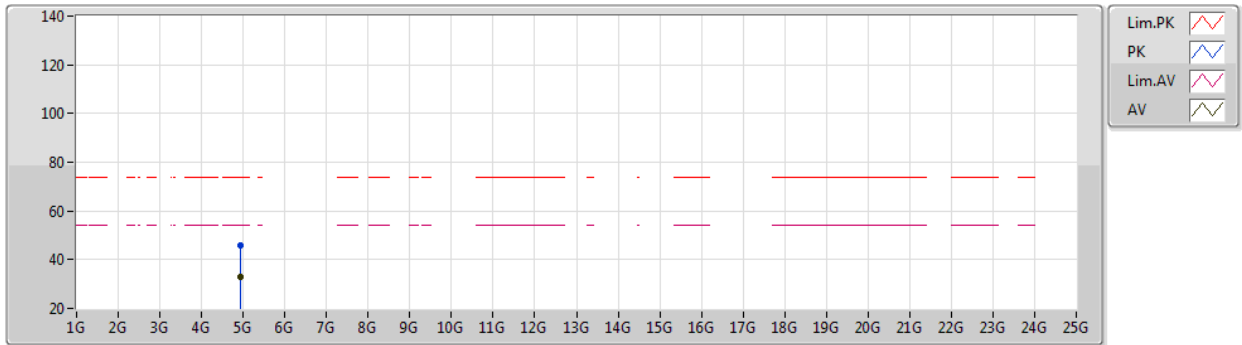
EUT Z_2TX
Setting 18.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4588G	102.93	Inf	-Inf	72.37	3	Horizontal	241	1.01	-	27.40	3.16	-
AV	2.4588G	92.29	Inf	-Inf	61.73	3	Horizontal	241	1.01	-	27.40	3.16	-
PK	2.4835G	57.80	74.00	-16.20	27.22	3	Horizontal	241	1.01	-	27.40	3.18	-
AV	2.4835G	46.03	54.00	-7.97	15.45	3	Horizontal	241	1.01	-	27.40	3.18	-

802.11g_Nss1,(6Mbps)_2TX

10/11/2020

2462MHz_TX



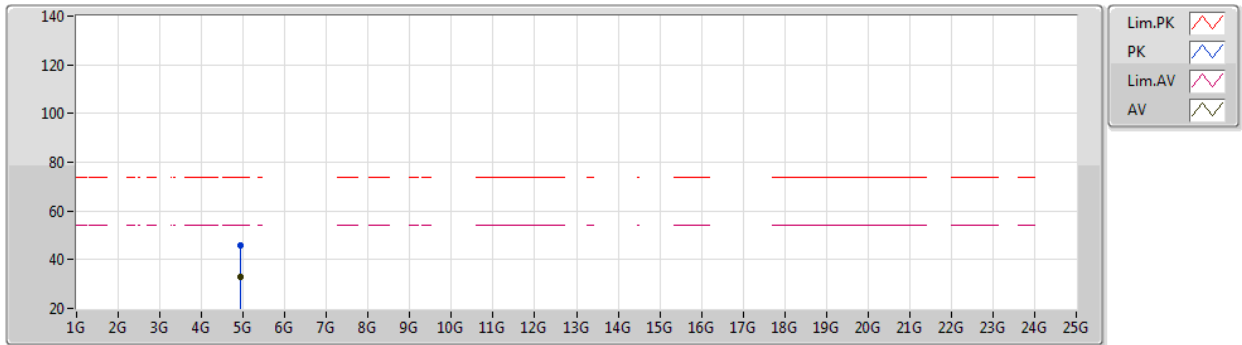
EUT Z_2TX
Setting 18.5
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92397G	45.82	74.00	-28.18	41.24	3	Vertical	46	2.24	-	31.20	5.00	31.62
AV	4.92202G	32.78	54.00	-21.22	28.22	3	Vertical	46	2.24	-	31.19	5.00	31.63

802.11g_Nss1,(6Mbps)_2TX

10/11/2020

2462MHz_TX



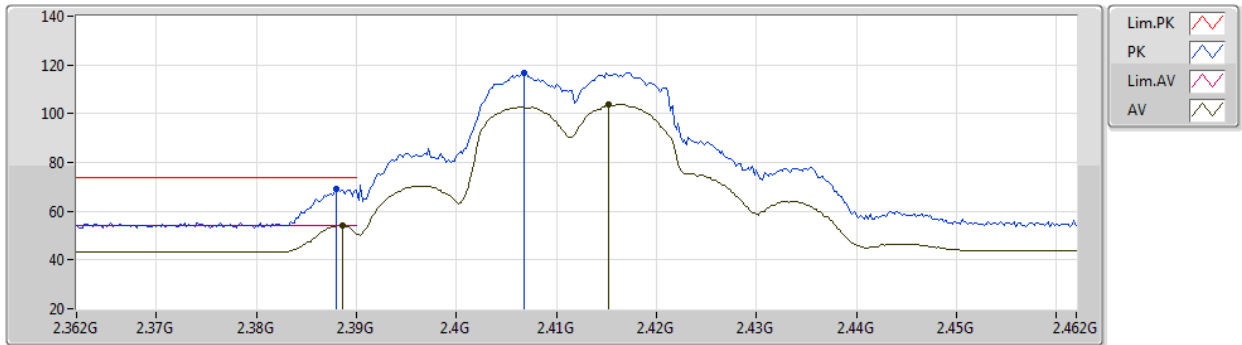
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Setting 18.5
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.926G	45.68	74.00	-28.32	41.10	3	Horizontal	62	2.38	-	31.20	5.00	31.62
AV	4.92201G	32.70	54.00	-21.30	28.14	3	Horizontal	62	2.38	-	31.19	5.00	31.63

802.11ax HEW20_Nss1,(MCS0)_2TX

10/11/2020

2412MHz_TX



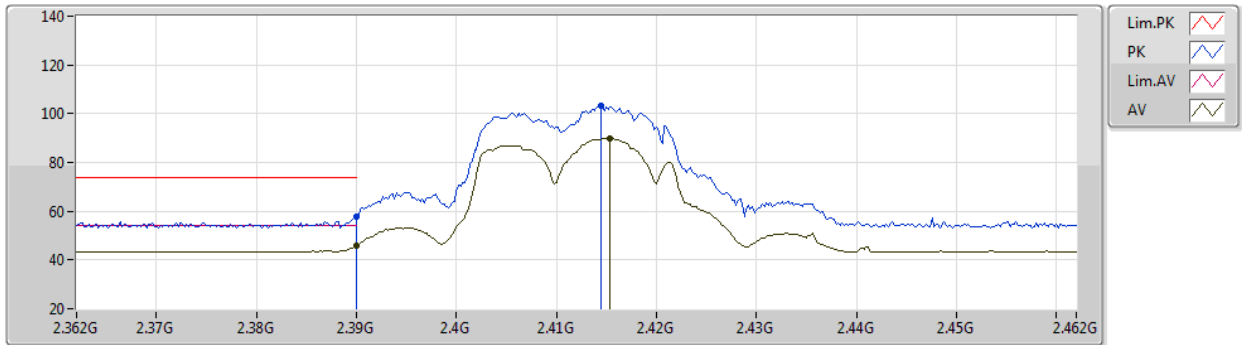
EUT Z_2TX
Setting 17
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.388G	69.05	74.00	-4.95	38.37	3	Vertical	172	3.00	-	27.60	3.08	-
AV	2.3886G	53.95	54.00	-0.05	23.27	3	Vertical	172	3.00	-	27.60	3.08	-
PK	2.4068G	116.82	Inf	-Inf	86.14	3	Vertical	172	3.00	-	27.57	3.11	-
AV	2.4152G	103.80	Inf	-Inf	73.14	3	Vertical	172	3.00	-	27.54	3.12	-

802.11ax HEW20_Nss1,(MCS0)_2TX

10/11/2020

2412MHz_TX



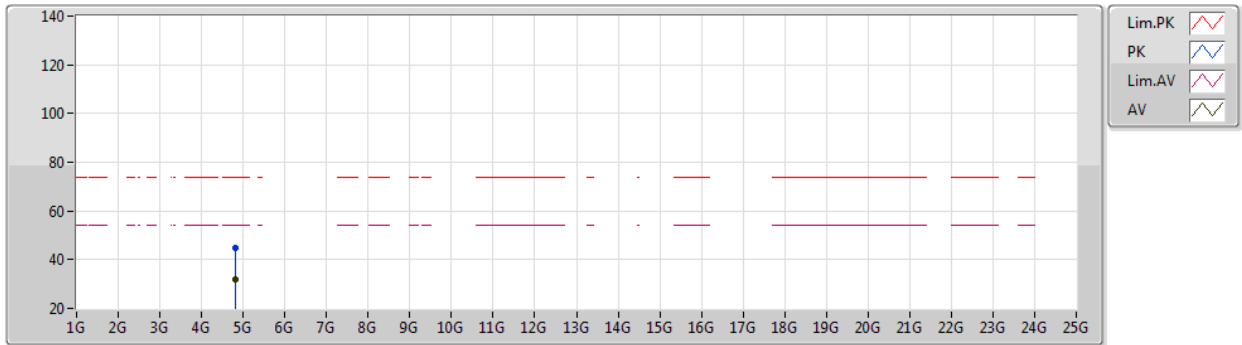
EUT Z_2TX
Setting 17
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.39G	57.88	74.00	-16.12	27.20	3	Horizontal	238	1.40	-	27.60	3.08	-
AV	2.39G	45.90	54.00	-8.10	15.22	3	Horizontal	238	1.40	-	27.60	3.08	-
PK	2.4144G	103.47	Inf	-Inf	72.82	3	Horizontal	238	1.40	-	27.54	3.11	-
AV	2.4154G	89.94	Inf	-Inf	59.28	3	Horizontal	238	1.40	-	27.54	3.12	-

802.11ax HEW20_Nss1,(MCS0)_2TX

10/11/2020

2412MHz_TX



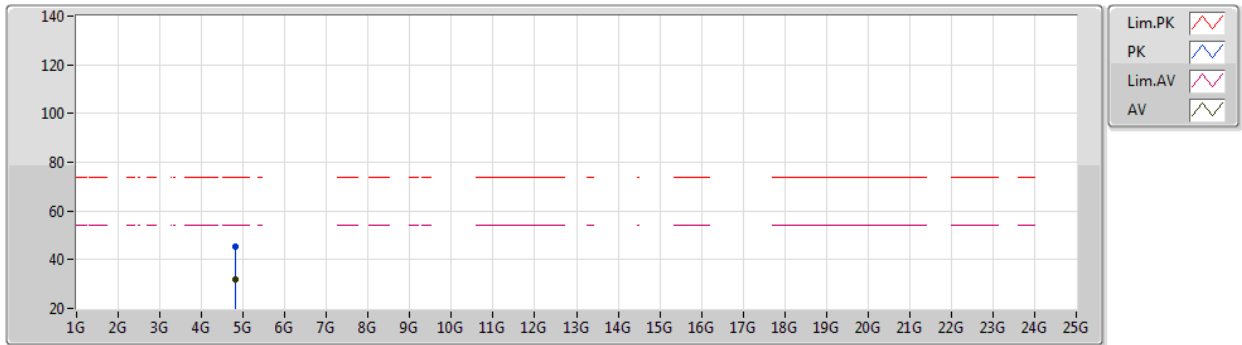
EUT Z_2TX
Setting 17
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.82335G	45.08	74.00	-28.92	40.74	3	Vertical	293	1.39	-	31.09	5.00	31.75
AV	4.8218G	31.67	54.00	-22.33	27.33	3	Vertical	293	1.39	-	31.09	5.00	31.75

802.11ax HEW20_Nss1,(MCS0)_2TX

10/11/2020

2412MHz_TX



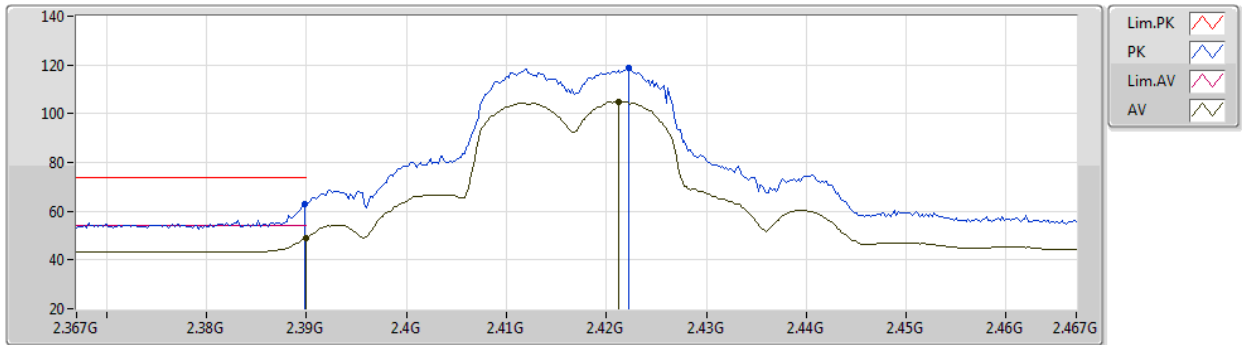
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Setting 17
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.8265G	45.32	74.00	-28.68	40.95	3	Horizontal	182	2.16	-	31.11	5.00	31.74
AV	4.82171G	31.65	54.00	-22.35	27.31	3	Horizontal	182	2.16	-	31.09	5.00	31.75

802.11ax HEW20_Nss1,(MCS0)_2TX

10/11/2020

2417MHz_TX



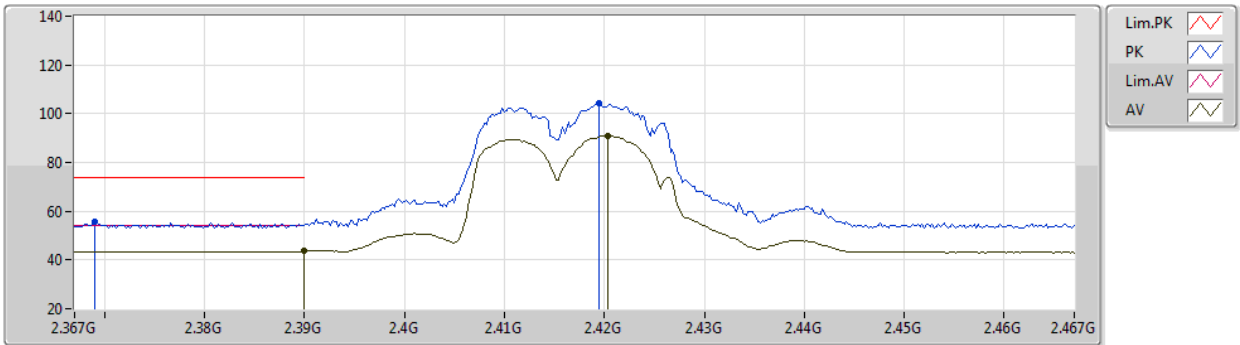
EUT Z_2TX
Setting 18
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	62.78	74.00	-11.22	32.10	3	Vertical	173	2.69	-	27.60	3.08	-
AV	2.39G	49.21	54.00	-4.79	18.53	3	Vertical	173	2.69	-	27.60	3.08	-
PK	2.4222G	118.66	Inf	-Inf	88.03	3	Vertical	173	2.69	-	27.51	3.12	-
AV	2.4212G	104.94	Inf	-Inf	74.30	3	Vertical	173	2.69	-	27.52	3.12	-

802.11ax HEW20_Nss1,(MCS0)_2TX

10/11/2020

2417MHz_TX



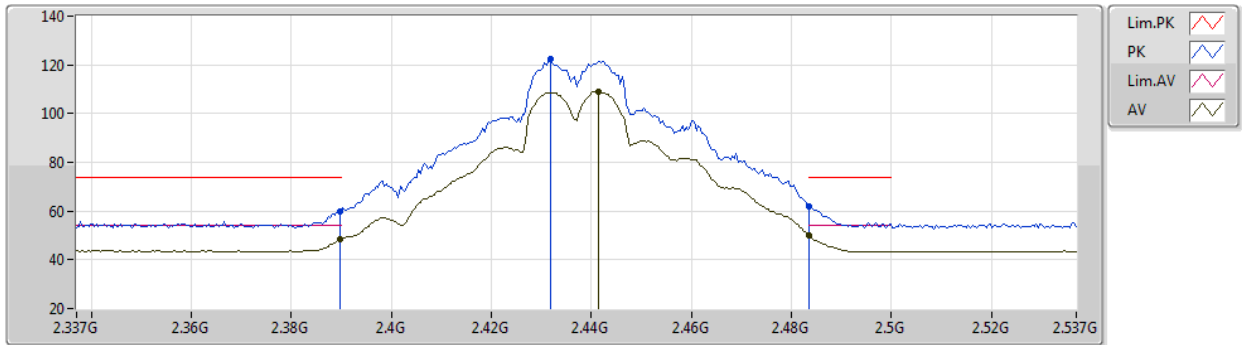
EUT Z_2TX
Setting 18
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.369G	55.48	74.00	-18.52	24.84	3	Horizontal	238	1.41	-	27.60	3.04	-
AV	2.39G	43.63	54.00	-10.37	12.95	3	Horizontal	238	1.41	-	27.60	3.08	-
PK	2.4194G	104.21	Inf	-Inf	73.57	3	Horizontal	238	1.41	-	27.52	3.12	-
AV	2.4204G	90.95	Inf	-Inf	60.31	3	Horizontal	238	1.41	-	27.52	3.12	-

802.11ax HEW20_Nss1,(MCS0)_2TX

10/11/2020

2437MHz_TX



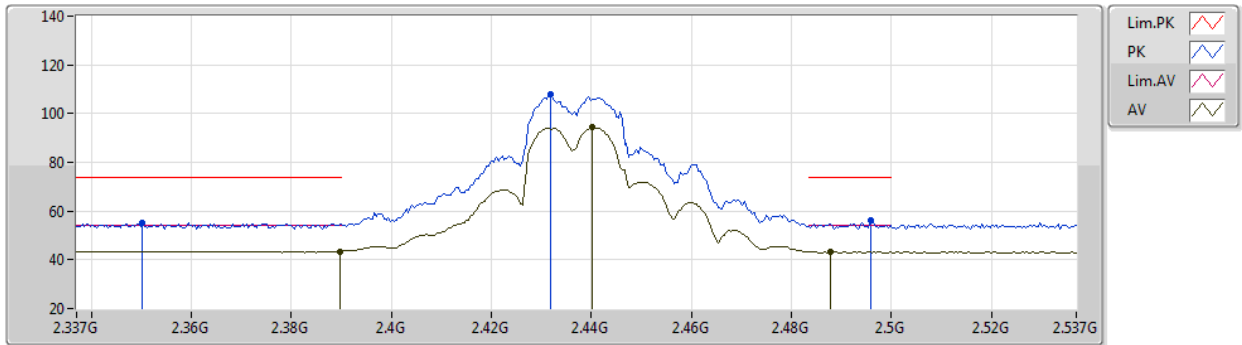
EUT Z_2TX
Setting 22
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	59.83	74.00	-14.17	29.15	3	Vertical	173	2.65	-	27.60	3.08	-
AV	2.3898G	48.30	54.00	-5.70	17.62	3	Vertical	173	2.65	-	27.60	3.08	-
PK	2.4318G	122.20	Inf	-Inf	91.60	3	Vertical	173	2.65	-	27.47	3.13	-
AV	2.4414G	109.07	Inf	-Inf	78.50	3	Vertical	173	2.65	-	27.43	3.14	-
PK	2.4835G	62.04	74.00	-11.96	31.46	3	Vertical	173	2.65	-	27.40	3.18	-
AV	2.4835G	50.13	54.00	-3.87	19.55	3	Vertical	173	2.65	-	27.40	3.18	-

802.11ax HEW20_Nss1,(MCS0)_2TX

10/11/2020

2437MHz_TX

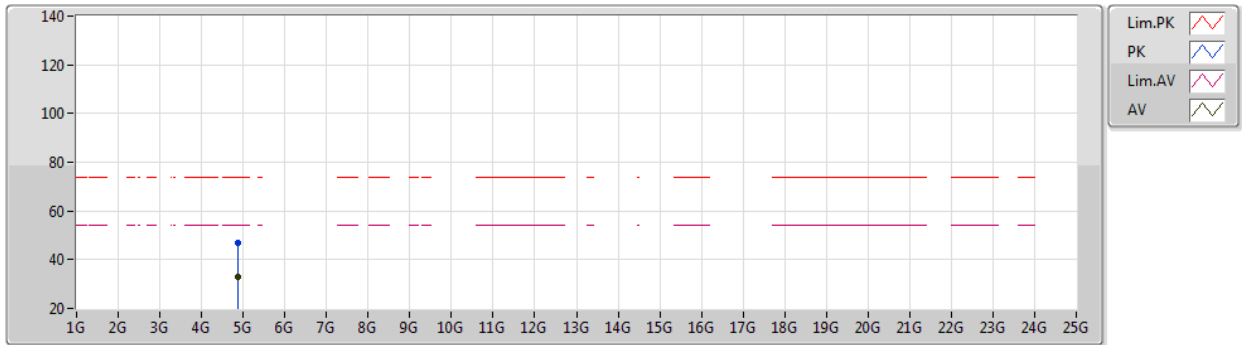

EUT Z_2TX
Setting 22
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3502G	55.30	74.00	-18.70	24.70	3	Horizontal	240	1.33	-	27.60	3.00	-
AV	2.3898G	43.49	54.00	-10.51	12.81	3	Horizontal	240	1.33	-	27.60	3.08	-
PK	2.4318G	107.96	Inf	-Inf	77.36	3	Horizontal	240	1.33	-	27.47	3.13	-
AV	2.4402G	94.48	Inf	-Inf	63.90	3	Horizontal	240	1.33	-	27.44	3.14	-
PK	2.4958G	56.23	74.00	-17.77	25.63	3	Horizontal	240	1.33	-	27.40	3.20	-
AV	2.4878G	43.09	54.00	-10.91	12.50	3	Horizontal	240	1.33	-	27.40	3.19	-

802.11ax HEW20_Nss1,(MCS0)_2TX

10/11/2020

2437MHz_TX



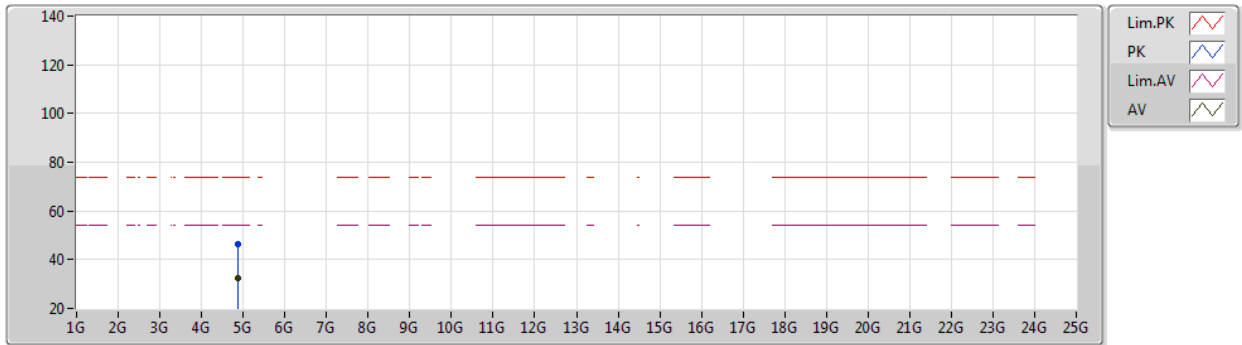
EUT_Z_2TX
Setting 22
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.86968G	46.74	74.00	-27.26	42.27	3	Vertical	321	1.77	-	31.16	5.00	31.69
AV	4.87404G	32.70	54.00	-21.30	28.23	3	Vertical	321	1.77	-	31.15	5.00	31.68

802.11ax HEW20_Nss1,(MCS0)_2TX

10/11/2020

2437MHz_TX



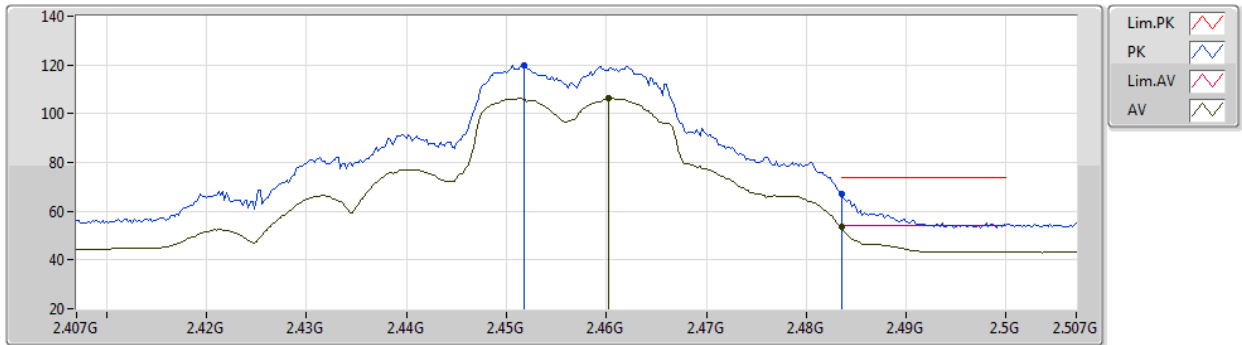
EUT Z_2TX
Setting 22
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.8762G	46.28	74.00	-27.72	41.81	3	Horizontal	16	2.72	-	31.15	5.00	31.68
AV	4.87328G	32.58	54.00	-21.42	28.11	3	Horizontal	16	2.72	-	31.15	5.00	31.68

802.11ax HEW20_Nss1,(MCS0)_2TX

10/11/2020

2457MHz_TX



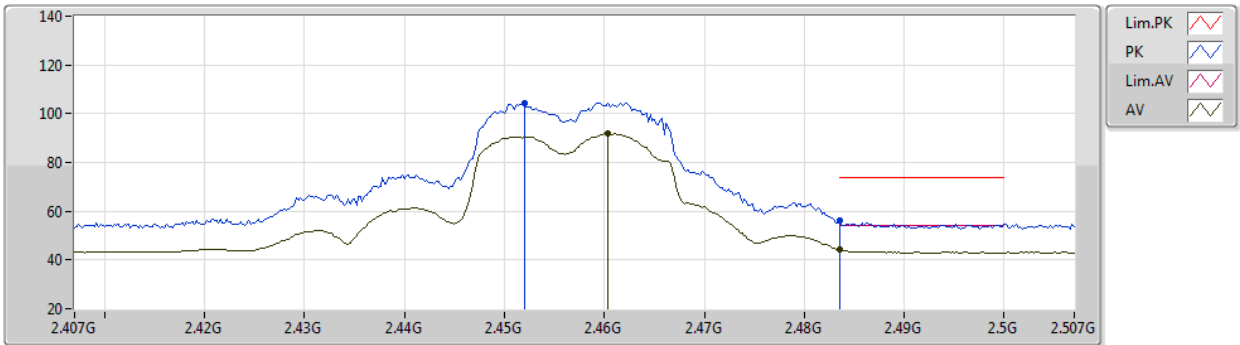
EUT Z_2TX
Setting 20
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4518G	119.95	Inf	-Inf	89.40	3	Vertical	172	2.67	-	27.40	3.15	-
AV	2.4602G	106.53	Inf	-Inf	75.97	3	Vertical	172	2.67	-	27.40	3.16	-
PK	2.4835G	67.02	74.00	-6.98	36.44	3	Vertical	172	2.67	-	27.40	3.18	-
AV	2.4835G	53.71	54.00	-0.29	23.13	3	Vertical	172	2.67	-	27.40	3.18	-

802.11ax HEW20_Nss1,(MCS0)_2TX

10/11/2020

2457MHz_TX



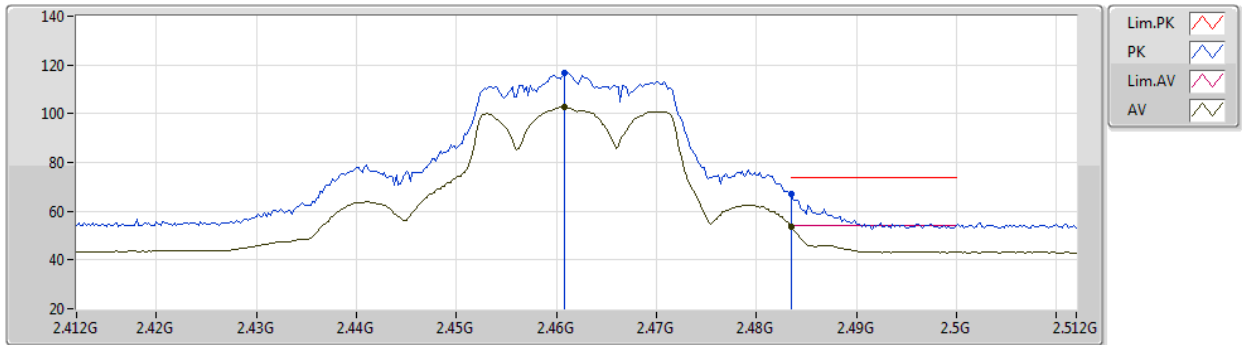
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Setting 20
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.452G	104.43	Inf	-Inf	73.88	3	Horizontal	238	1.44	-	27.40	3.15	-
AV	2.4604G	91.73	Inf	-Inf	61.17	3	Horizontal	238	1.44	-	27.40	3.16	-
PK	2.4836G	56.43	74.00	-17.57	25.85	3	Horizontal	238	1.44	-	27.40	3.18	-
AV	2.4835G	44.16	54.00	-9.84	13.58	3	Horizontal	238	1.44	-	27.40	3.18	-

802.11ax HEW20_Nss1,(MCS0)_2TX

10/11/2020

2462MHz_TX



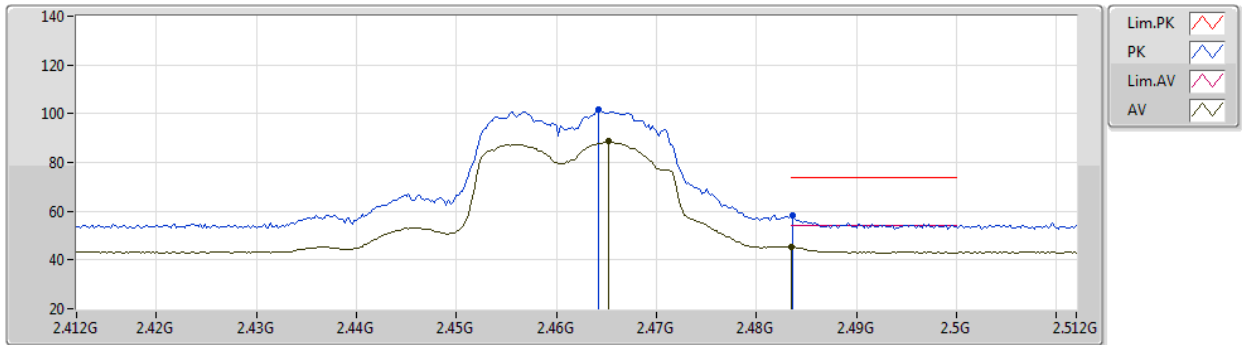
EUT Z_2TX
Setting 16
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4608G	116.72	Inf	-Inf	86.16	3	Vertical	147	2.63	-	27.40	3.16	-
AV	2.4608G	102.65	Inf	-Inf	72.09	3	Vertical	147	2.63	-	27.40	3.16	-
PK	2.4835G	67.09	74.00	-6.91	36.51	3	Vertical	147	2.63	-	27.40	3.18	-
AV	2.4835G	53.77	54.00	-0.23	23.19	3	Vertical	147	2.63	-	27.40	3.18	-

802.11ax HEW20_Nss1,(MCS0)_2TX

10/11/2020

2462MHz_TX



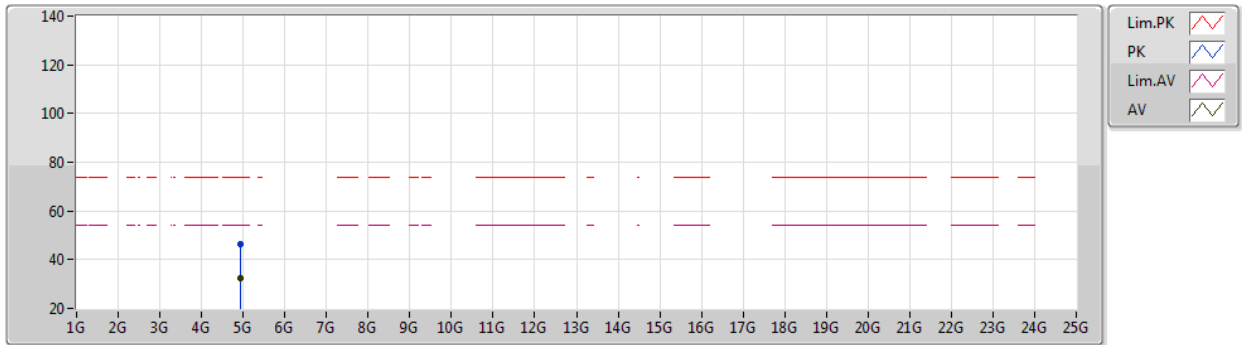
EUT Z_2TX
Setting 16
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4642G	101.54	Inf	-Inf	70.98	3	Horizontal	238	1.44	-	27.40	3.16	-
AV	2.4652G	88.59	Inf	-Inf	58.02	3	Horizontal	238	1.44	-	27.40	3.17	-
PK	2.4836G	58.22	74.00	-15.78	27.64	3	Horizontal	238	1.44	-	27.40	3.18	-
AV	2.4835G	45.28	54.00	-8.72	14.70	3	Horizontal	238	1.44	-	27.40	3.18	-

802.11ax HEW20_Nss1,(MCS0)_2TX

10/11/2020

2462MHz_TX



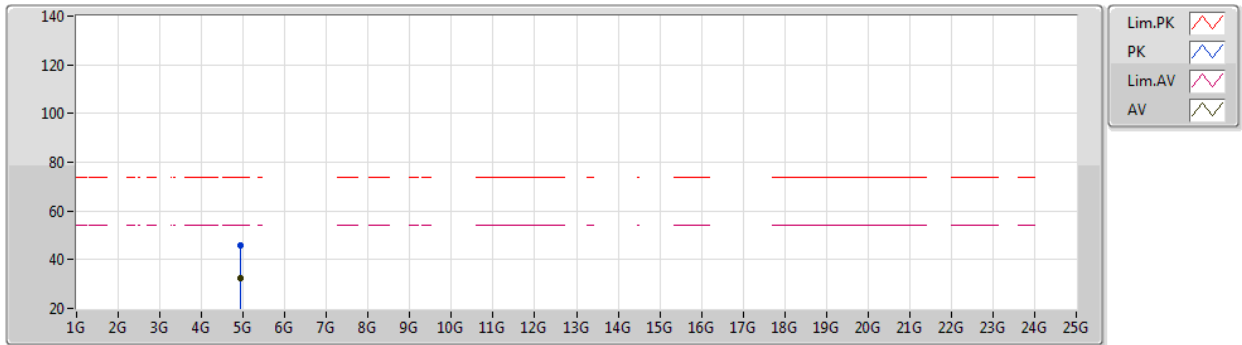
EUT_Z_2TX
Setting 16
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92232G	46.21	74.00	-27.79	41.64	3	Vertical	293	2.04	-	31.19	5.00	31.62
AV	4.92301G	32.43	54.00	-21.57	27.86	3	Vertical	293	2.04	-	31.19	5.00	31.62

802.11ax HEW20_Nss1,(MCS0)_2TX

10/11/2020

2462MHz_TX



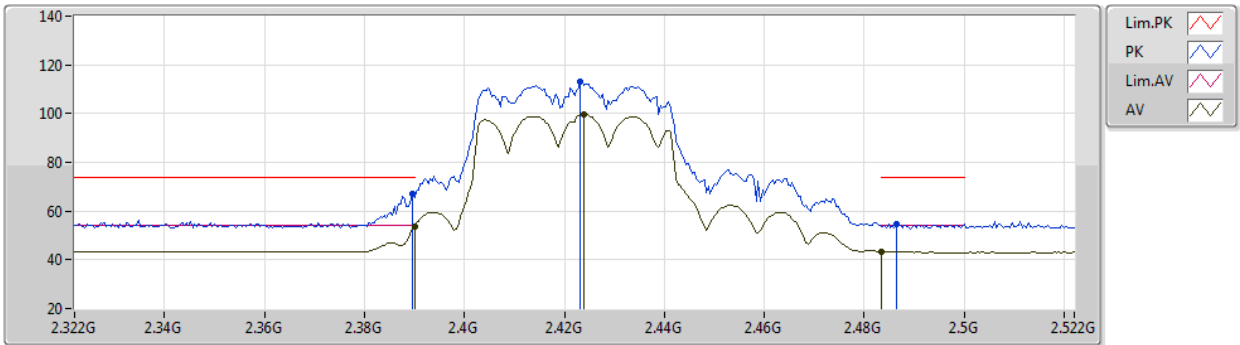
EUT_Z_2TX
Setting 16
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92368G	45.69	74.00	-28.31	41.12	3	Horizontal	188	1.32	-	31.19	5.00	31.62
AV	4.92453G	32.44	54.00	-21.56	27.86	3	Horizontal	188	1.32	-	31.20	5.00	31.62

802.11ax HEW40_Nss1,(MCS0)_2TX

10/11/2020

2422MHz_TX



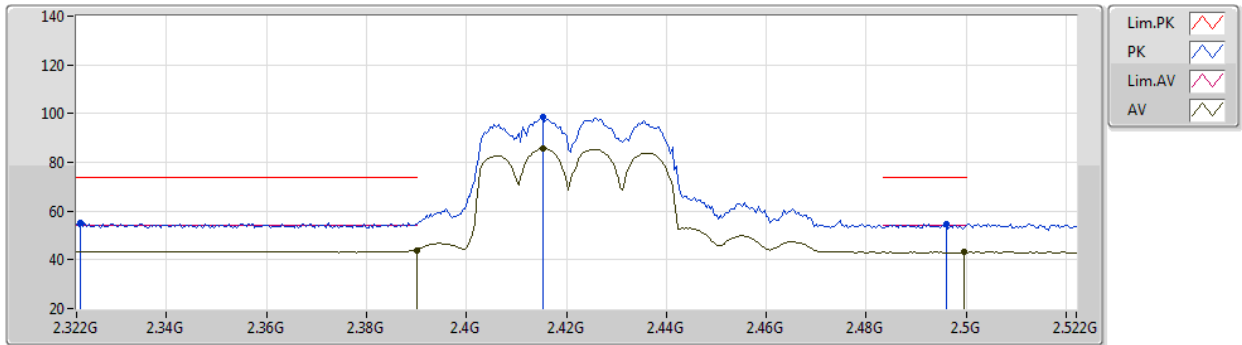
EUT Z_2TX
Setting 15.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3896G	67.14	74.00	-6.86	36.46	3	Vertical	169	2.38	-	27.60	3.08	-
AV	2.39G	53.68	54.00	-0.32	23.00	3	Vertical	169	2.38	-	27.60	3.08	-
PK	2.4232G	113.17	Inf	-Inf	82.54	3	Vertical	169	2.38	-	27.51	3.12	-
AV	2.424G	99.51	Inf	-Inf	68.89	3	Vertical	169	2.38	-	27.50	3.12	-
PK	2.4864G	54.66	74.00	-19.34	24.07	3	Vertical	169	2.38	-	27.40	3.19	-
AV	2.4835G	43.44	54.00	-10.56	12.86	3	Vertical	169	2.38	-	27.40	3.18	-

802.11ax HEW40_Nss1,(MCS0)_2TX

10/11/2020

2422MHz_TX

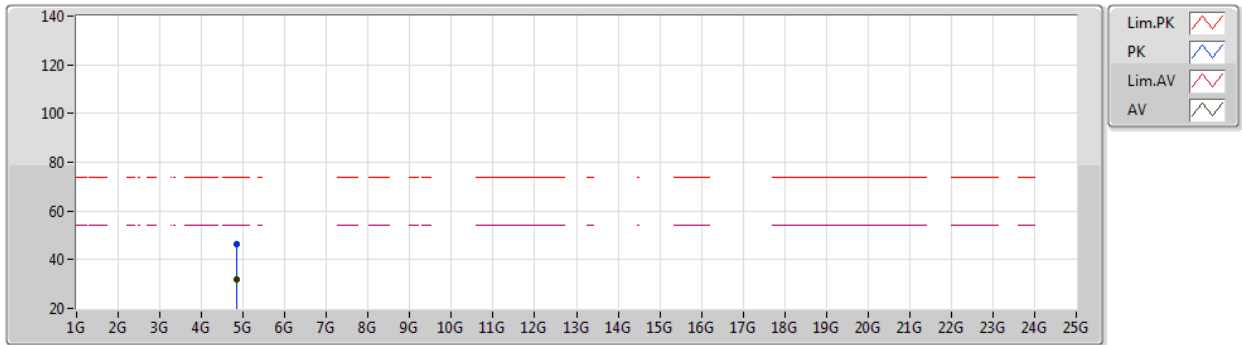

EUT_Z_2TX
Setting 15.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3228G	55.40	74.00	-18.60	24.80	3	Horizontal	239	1.40	-	27.65	2.95	-
AV	2.39G	43.98	54.00	-10.02	13.30	3	Horizontal	239	1.40	-	27.60	3.08	-
PK	2.4152G	98.65	Inf	-Inf	67.99	3	Horizontal	239	1.40	-	27.54	3.12	-
AV	2.4152G	85.77	Inf	-Inf	55.11	3	Horizontal	239	1.40	-	27.54	3.12	-
PK	2.496G	54.76	74.00	-19.24	24.16	3	Horizontal	239	1.40	-	27.40	3.20	-
AV	2.4996G	43.06	54.00	-10.94	12.46	3	Horizontal	239	1.40	-	27.40	3.20	-

802.11ax HEW40_Nss1,(MCS0)_2TX

10/11/2020

2422MHz_TX



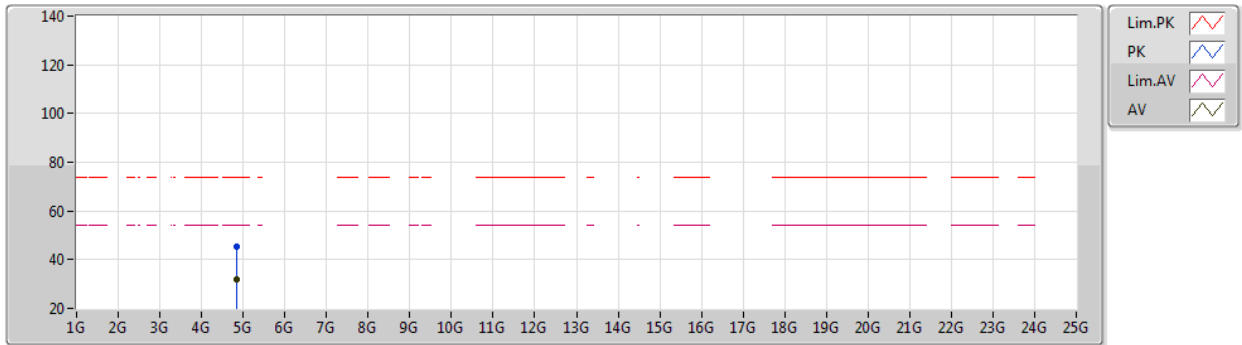
EUT Z_2TX
Setting 15.5
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.84247G	46.35	74.00	-27.65	41.90	3	Vertical	34	1.12	-	31.17	5.00	31.72
AV	4.84197G	32.09	54.00	-21.91	27.64	3	Vertical	34	1.12	-	31.17	5.00	31.72

802.11ax HEW40_Nss1,(MCS0)_2TX

10/11/2020

2422MHz_TX



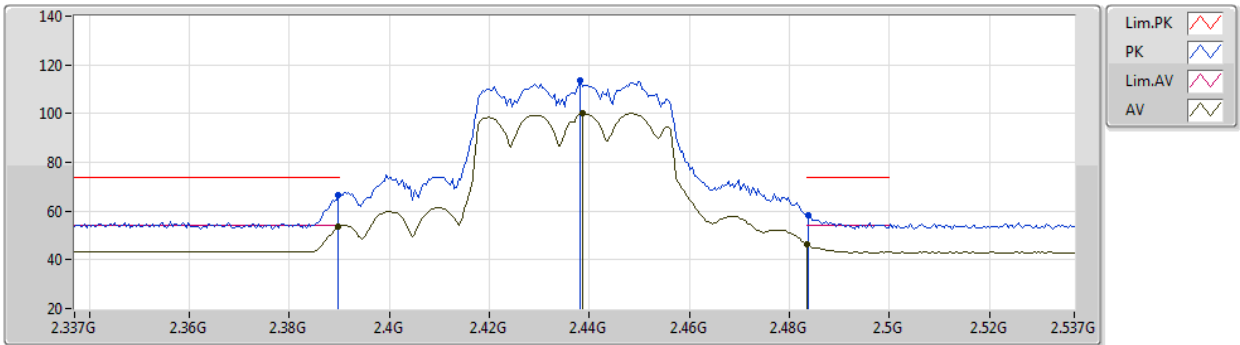
EUT Z_2TX
Setting 15.5
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.84539G	45.55	74.00	-28.45	41.09	3	Horizontal	155	1.98	-	31.18	5.00	31.72
AV	4.84244G	32.10	54.00	-21.90	27.65	3	Horizontal	155	1.98	-	31.17	5.00	31.72

802.11ax HEW40_Nss1,(MCS0)_2TX

10/11/2020

2437MHz_TX



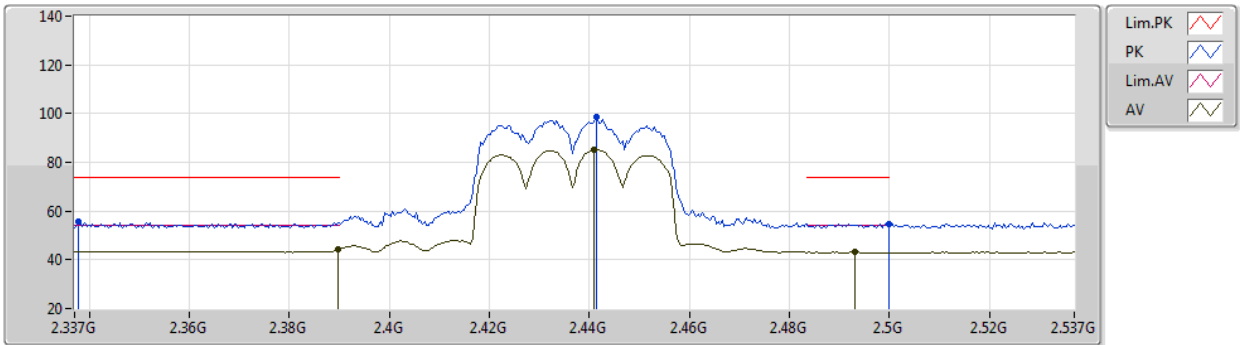
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Setting 15.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	66.40	74.00	-7.60	35.72	3	Vertical	169	2.60	-	27.60	3.08	-
AV	2.3898G	53.62	54.00	-0.38	22.94	3	Vertical	169	2.60	-	27.60	3.08	-
PK	2.4382G	113.70	Inf	-Inf	83.11	3	Vertical	169	2.60	-	27.45	3.14	-
AV	2.4386G	100.03	Inf	-Inf	69.44	3	Vertical	169	2.60	-	27.45	3.14	-
PK	2.4838G	58.35	74.00	-15.65	27.77	3	Vertical	169	2.60	-	27.40	3.18	-
AV	2.4835G	46.35	54.00	-7.65	15.77	3	Vertical	169	2.60	-	27.40	3.18	-

802.11ax HEW40_Nss1,(MCS0)_2TX

10/11/2020

2437MHz_TX



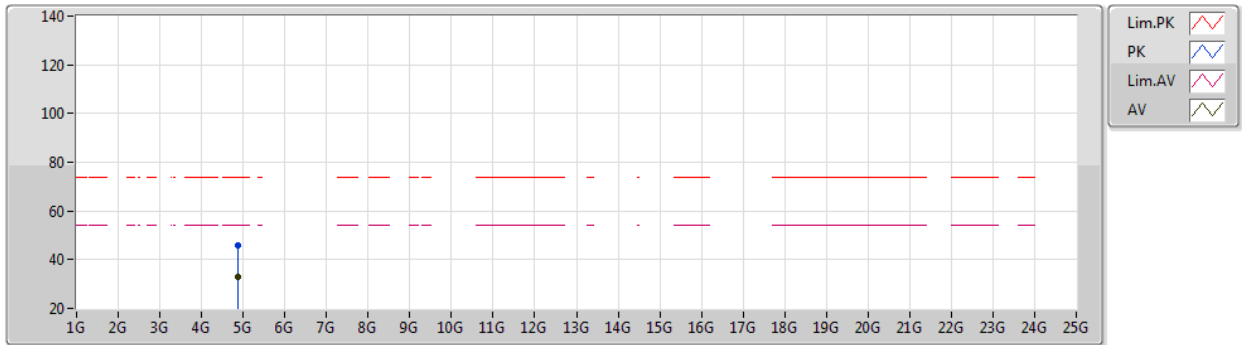
EUT_Z_2TX
Setting 15.5
06-D-S-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3378G	55.47	74.00	-18.53	24.87	3	Horizontal	245	1.11	-	27.62	2.98	-
AV	2.3898G	44.12	54.00	-9.88	13.44	3	Horizontal	245	1.11	-	27.60	3.08	-
PK	2.4414G	98.58	Inf	-Inf	68.01	3	Horizontal	245	1.11	-	27.43	3.14	-
AV	2.441G	85.15	Inf	-Inf	54.57	3	Horizontal	245	1.11	-	27.44	3.14	-
PK	2.4998G	54.78	74.00	-19.22	24.18	3	Horizontal	245	1.11	-	27.40	3.20	-
AV	2.493G	43.13	54.00	-10.87	12.54	3	Horizontal	245	1.11	-	27.40	3.19	-

802.11ax HEW40_Nss1,(MCS0)_2TX

10/11/2020

2437MHz_TX



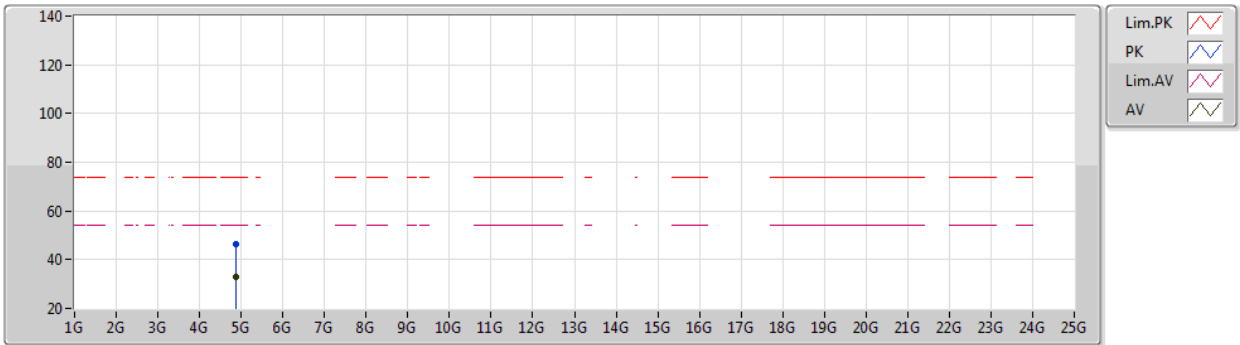
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Setting 15.5
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87182G	46.08	74.00	-27.92	41.61	3	Vertical	95	2.72	-	31.16	5.00	31.69
AV	4.87326G	32.79	54.00	-21.21	28.32	3	Vertical	95	2.72	-	31.15	5.00	31.68

802.11ax HEW40_Nss1,(MCS0)_2TX

10/11/2020

2437MHz_TX



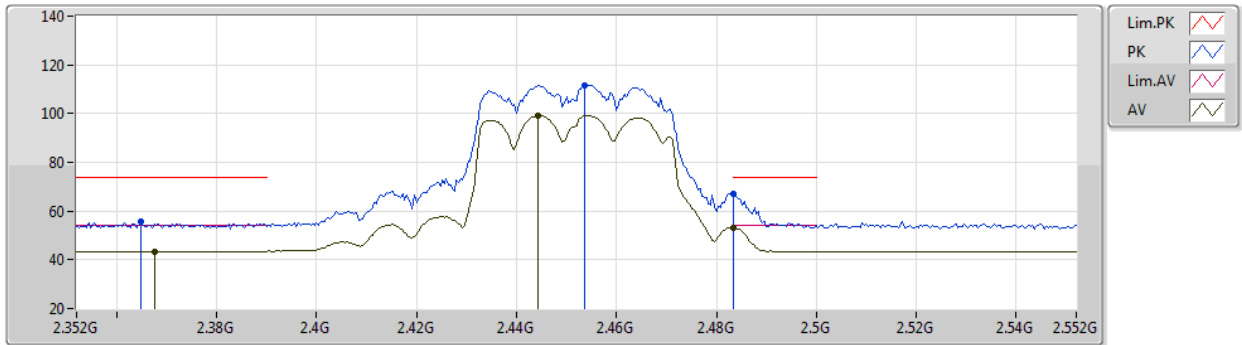
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Setting 15.5
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87309G	46.40	74.00	-27.60	41.93	3	Horizontal	243	2.59	-	31.15	5.00	31.68
AV	4.8722G	32.72	54.00	-21.28	28.25	3	Horizontal	243	2.59	-	31.16	5.00	31.69

802.11ax HEW40_Nss1,(MCS0)_2TX

10/11/2020

2452MHz_TX



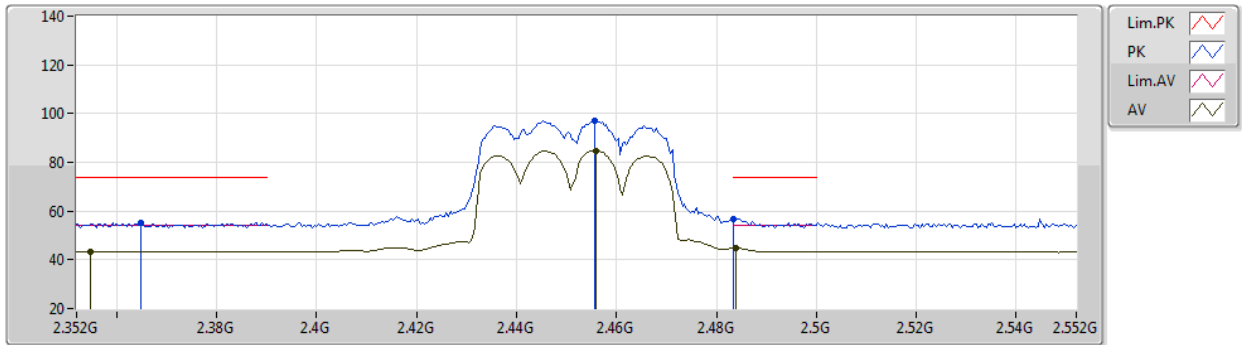
EUT Z_2TX
Setting 15
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3648G	55.58	74.00	-18.42	24.95	3	Vertical	170	2.67	-	27.60	3.03	-
AV	2.3676G	43.47	54.00	-10.53	12.83	3	Vertical	170	2.67	-	27.60	3.04	-
PK	2.4536G	111.56	Inf	-Inf	81.01	3	Vertical	170	2.67	-	27.40	3.15	-
AV	2.4444G	99.15	Inf	-Inf	68.59	3	Vertical	170	2.67	-	27.42	3.14	-
PK	2.4835G	67.03	74.00	-6.97	36.45	3	Vertical	170	2.67	-	27.40	3.18	-
AV	2.4835G	53.17	54.00	-0.83	22.59	3	Vertical	170	2.67	-	27.40	3.18	-

802.11ax HEW40_Nss1,(MCS0)_2TX

10/11/2020

2452MHz_TX



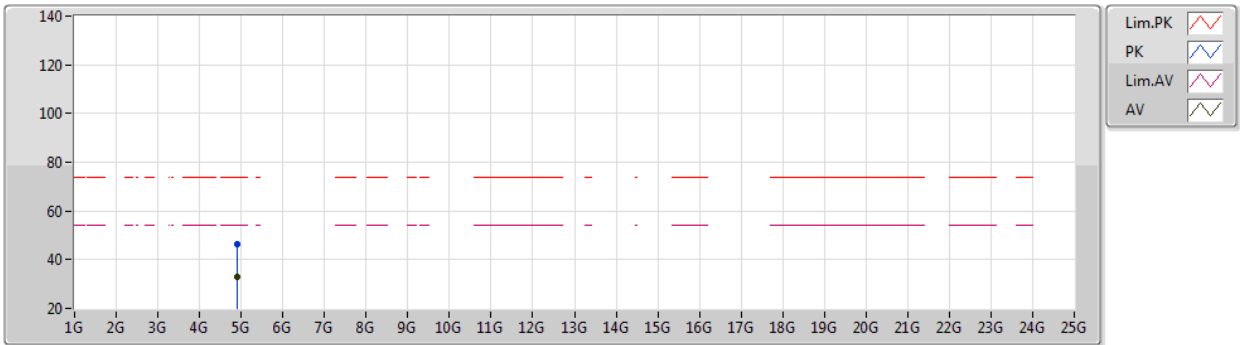
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Setting 15
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3648G	55.42	74.00	-18.58	24.79	3	Horizontal	242	1.00	-	27.60	3.03	-
AV	2.3548G	43.41	54.00	-10.59	12.80	3	Horizontal	242	1.00	-	27.60	3.01	-
PK	2.4556G	97.25	Inf	-Inf	66.69	3	Horizontal	242	1.00	-	27.40	3.16	-
AV	2.456G	84.78	Inf	-Inf	54.22	3	Horizontal	242	1.00	-	27.40	3.16	-
PK	2.4835G	56.80	74.00	-17.20	26.22	3	Horizontal	242	1.00	-	27.40	3.18	-
AV	2.484G	44.82	54.00	-9.18	14.24	3	Horizontal	242	1.00	-	27.40	3.18	-

802.11ax HEW40_Nss1,(MCS0)_2TX

10/11/2020

2452MHz_TX



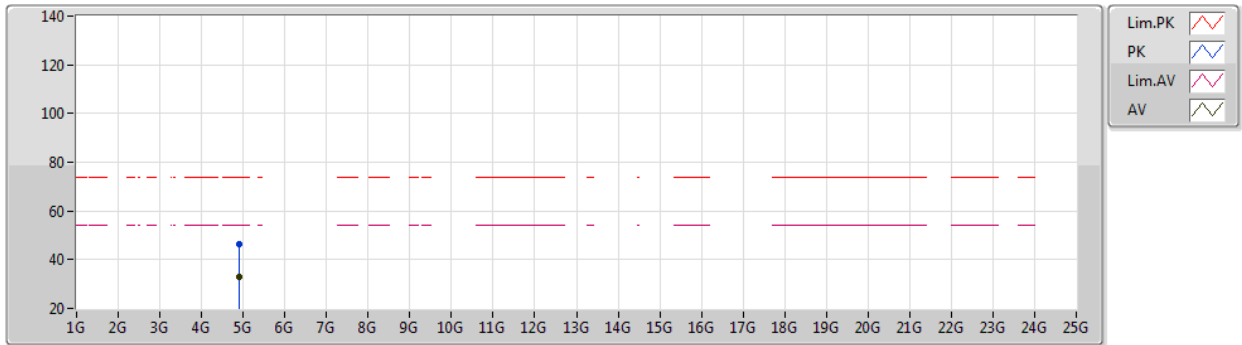
EUT Z_2TX
Setting 15
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.90347G	46.24	74.00	-27.76	41.78	3	Vertical	195	1.77	-	31.11	5.00	31.65
AV	4.90295G	32.90	54.00	-21.10	28.44	3	Vertical	195	1.77	-	31.11	5.00	31.65

802.11ax HEW40_Nss1,(MCS0)_2TX

10/11/2020

2452MHz_TX



EUT_Z_2TX
Setting 15
06-D-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.90151G	46.37	74.00	-27.63	41.91	3	Horizontal	39	1.68	-	31.11	5.00	31.65
AV	4.90277G	32.88	54.00	-21.12	28.42	3	Horizontal	39	1.68	-	31.11	5.00	31.65



For beamforming mode:

For Set 1:

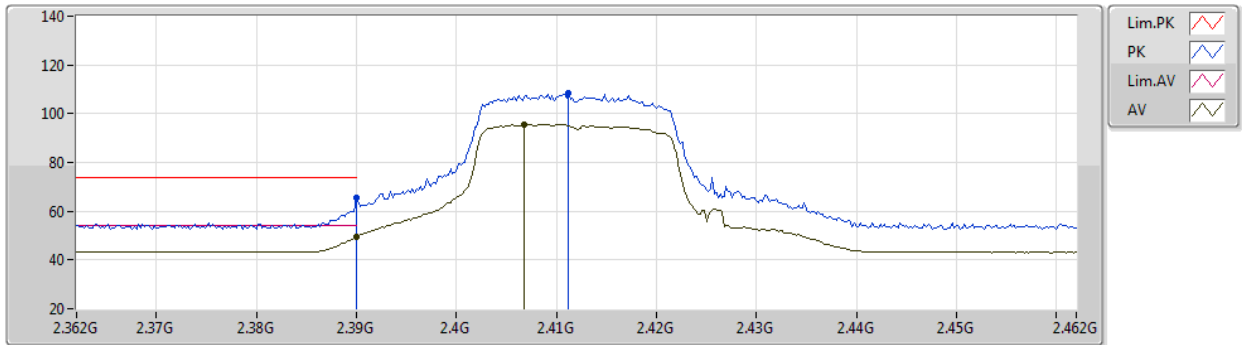
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	AV	2.39G	53.60	54.00	-0.40	3	Vertical	322	2.31	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

25/11/2020

2412MHz_TX



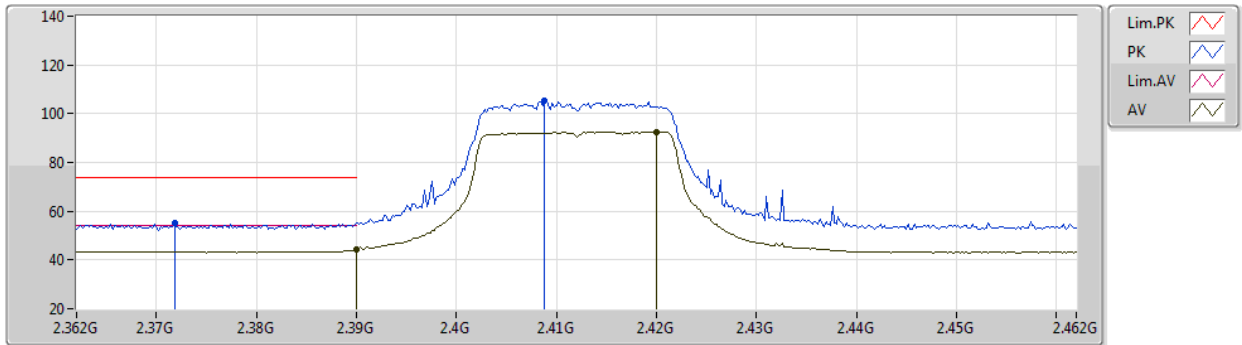
EUT Y_2TX
Setting 20
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.39G	65.69	74.00	-8.31	35.01	3	Vertical	14	2.34	-	27.60	3.08	-
AV	2.39G	49.39	54.00	-4.61	18.71	3	Vertical	14	2.34	-	27.60	3.08	-
PK	2.4112G	108.70	Inf	-Inf	78.03	3	Vertical	14	2.34	-	27.56	3.11	-
AV	2.4068G	95.68	Inf	-Inf	65.00	3	Vertical	14	2.34	-	27.57	3.11	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

25/11/2020

2412MHz_TX



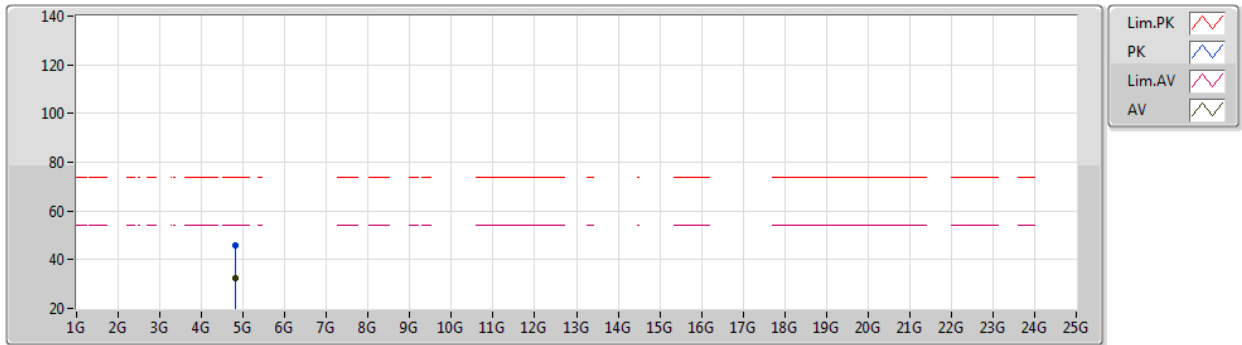
EUT Y_2TX
Setting 20
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3718G	55.14	74.00	-18.86	24.50	3	Horizontal	253	1.24	-	27.60	3.04	-
AV	2.39G	44.12	54.00	-9.88	13.44	3	Horizontal	253	1.24	-	27.60	3.08	-
PK	2.4088G	105.17	Inf	-Inf	74.50	3	Horizontal	253	1.24	-	27.56	3.11	-
AV	2.42G	92.59	Inf	-Inf	61.95	3	Horizontal	253	1.24	-	27.52	3.12	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

25/11/2020

2412MHz_TX



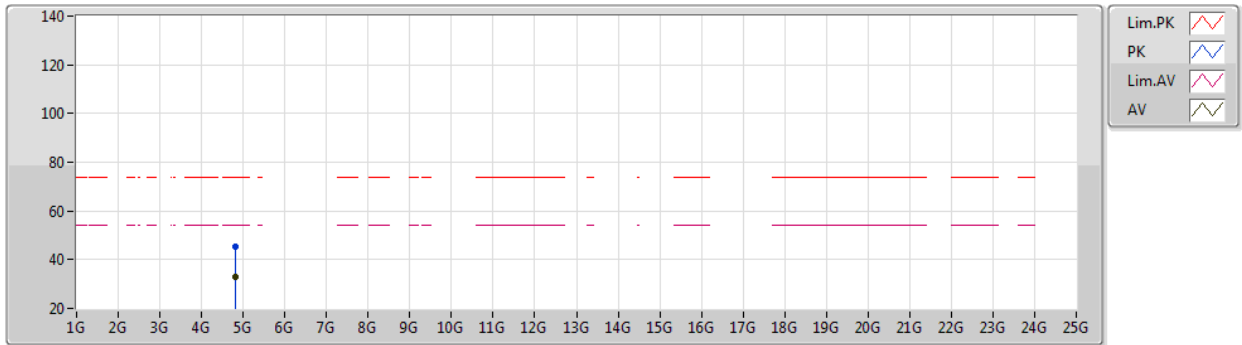
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Setting 20
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.82348G	45.98	74.00	-28.02	41.64	3	Vertical	48	2.22	-	31.09	5.00	31.75
AV	4.82387G	32.67	54.00	-21.33	28.31	3	Vertical	48	2.22	-	31.10	5.00	31.74

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

25/11/2020

2412MHz_TX



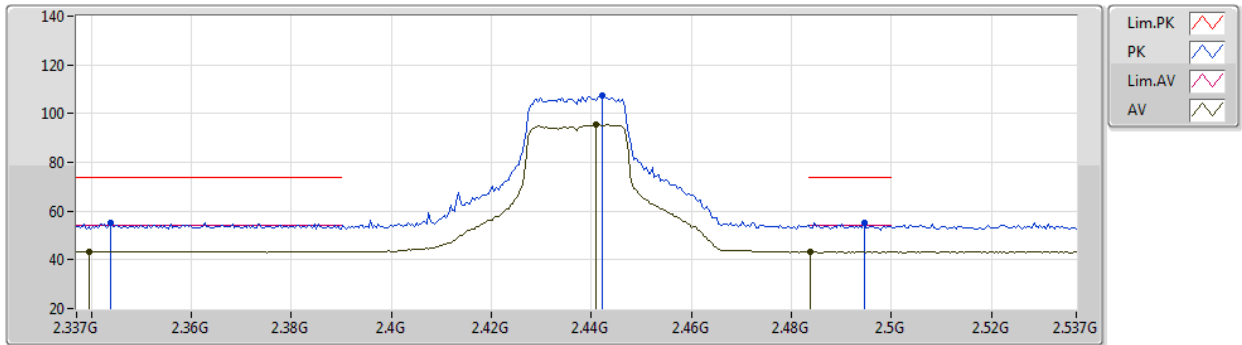
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Setting 20
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.82366G	45.31	74.00	-28.69	40.97	3	Horizontal	135	2.93	-	31.09	5.00	31.75
AV	4.82362G	32.79	54.00	-21.21	28.45	3	Horizontal	135	2.93	-	31.09	5.00	31.75

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

25/11/2020

2437MHz_TX



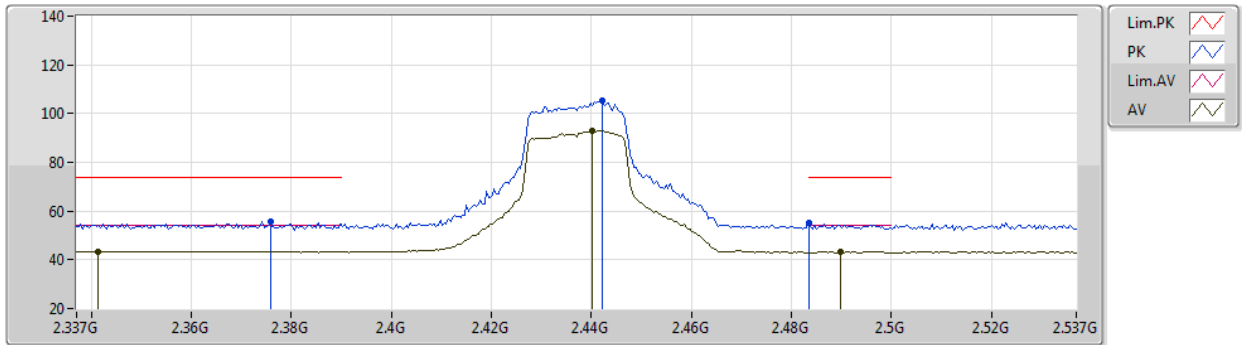
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Setting 20
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3438G	54.96	74.00	-19.04	24.36	3	Vertical	13	2.53	-	27.61	2.99	-
AV	2.3394G	43.50	54.00	-10.50	12.90	3	Vertical	13	2.53	-	27.62	2.98	-
PK	2.4422G	107.65	Inf	-Inf	77.08	3	Vertical	13	2.53	-	27.43	3.14	-
AV	2.441G	95.52	Inf	-Inf	64.94	3	Vertical	13	2.53	-	27.44	3.14	-
PK	2.4946G	55.17	74.00	-18.83	24.58	3	Vertical	13	2.53	-	27.40	3.19	-
AV	2.4838G	43.26	54.00	-10.74	12.68	3	Vertical	13	2.53	-	27.40	3.18	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

25/11/2020

2437MHz_TX



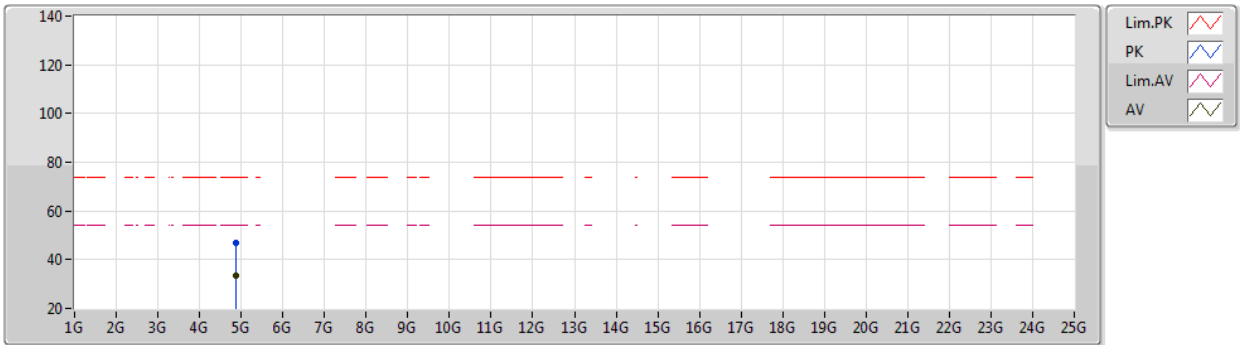
EUT Y_2TX
Setting 20
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3758G	55.74	74.00	-18.26	25.09	3	Horizontal	247	1.82	-	27.60	3.05	-
AV	2.3414G	43.48	54.00	-10.52	12.88	3	Horizontal	247	1.82	-	27.62	2.98	-
PK	2.4422G	105.18	Inf	-Inf	74.61	3	Horizontal	247	1.82	-	27.43	3.14	-
AV	2.4402G	92.89	Inf	-Inf	62.31	3	Horizontal	247	1.82	-	27.44	3.14	-
PK	2.4835G	55.02	74.00	-18.98	24.44	3	Horizontal	247	1.82	-	27.40	3.18	-
AV	2.4898G	43.35	54.00	-10.65	12.76	3	Horizontal	247	1.82	-	27.40	3.19	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

25/11/2020

2437MHz_TX



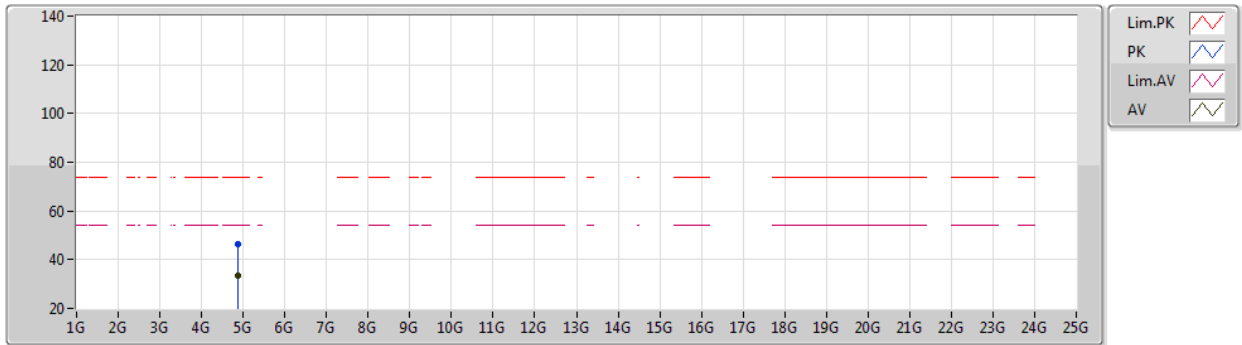
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Setting 20
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87487G	46.87	74.00	-27.13	42.40	3	Vertical	35	1.02	-	31.15	5.00	31.68
AV	4.8744G	33.41	54.00	-20.59	28.94	3	Vertical	35	1.02	-	31.15	5.00	31.68

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

25/11/2020

2437MHz_TX



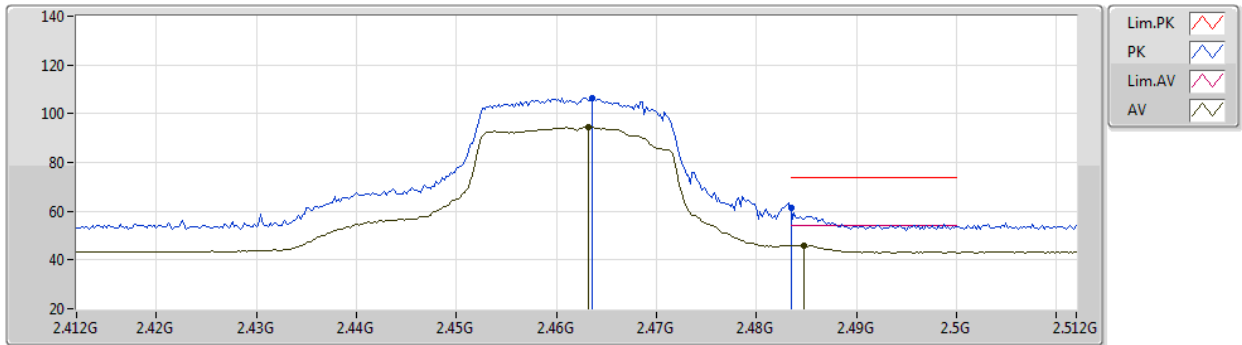
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Setting 20
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87412G	46.29	74.00	-27.71	41.82	3	Horizontal	70	1.94	-	31.15	5.00	31.68
AV	4.87375G	33.30	54.00	-20.70	28.83	3	Horizontal	70	1.94	-	31.15	5.00	31.68

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

25/11/2020

2462MHz_TX



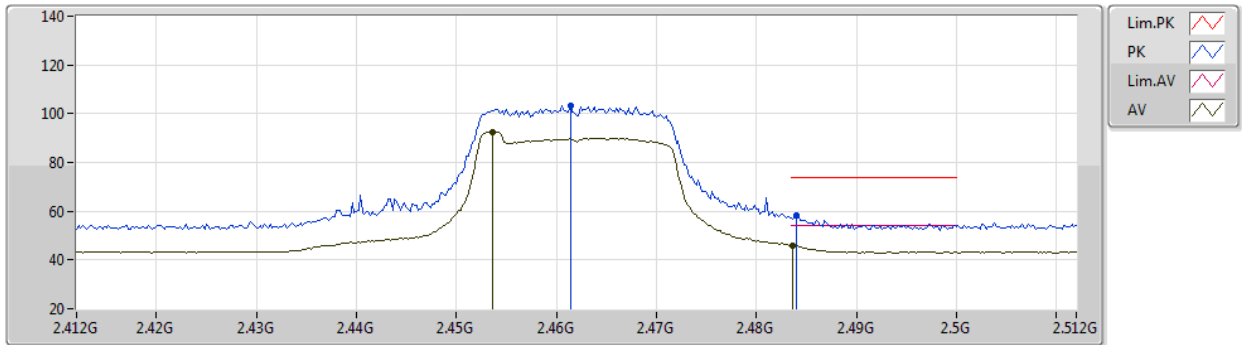
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Setting 20
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4636G	106.61	Inf	-Inf	76.05	3	Vertical	13	2.47	-	27.40	3.16	-
AV	2.4632G	94.52	Inf	-Inf	63.96	3	Vertical	13	2.47	-	27.40	3.16	-
PK	2.4835G	61.62	74.00	-12.38	31.04	3	Vertical	13	2.47	-	27.40	3.18	-
AV	2.4848G	46.03	54.00	-7.97	15.45	3	Vertical	13	2.47	-	27.40	3.18	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

25/11/2020

2462MHz_TX



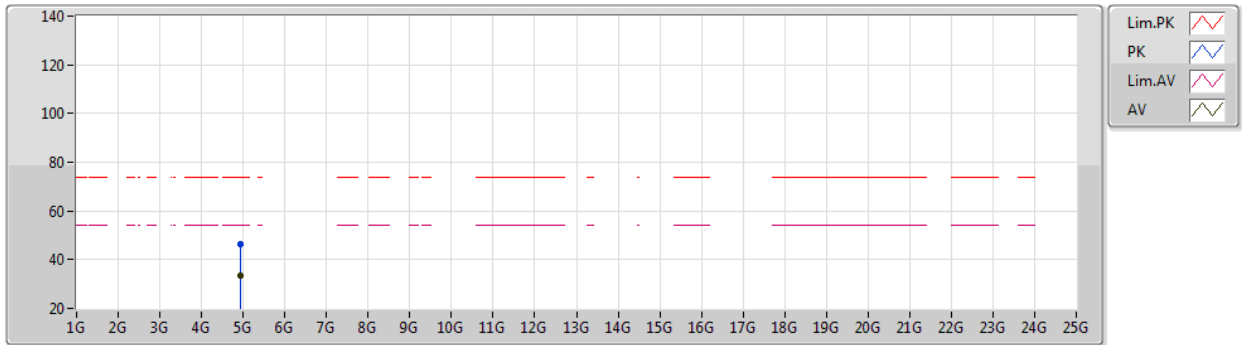
EUT Y_2TX
Setting 20
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4614G	103.40	Inf	-Inf	72.84	3	Horizontal	311	2.46	-	27.40	3.16	-
AV	2.4536G	92.52	Inf	-Inf	61.97	3	Horizontal	311	2.46	-	27.40	3.15	-
PK	2.484G	58.42	74.00	-15.58	27.84	3	Horizontal	311	2.46	-	27.40	3.18	-
AV	2.4836G	45.74	54.00	-8.26	15.16	3	Horizontal	311	2.46	-	27.40	3.18	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

25/11/2020

2462MHz_TX



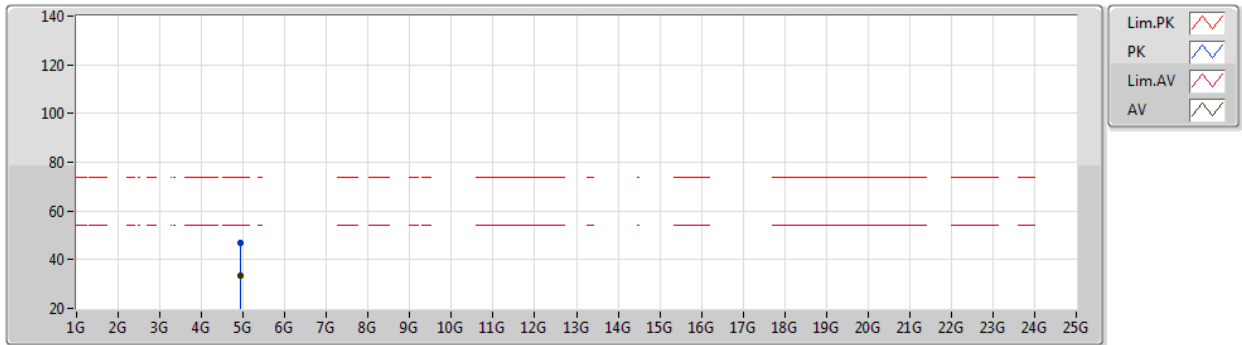
EUT Y_2TX
Setting 20
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92369G	46.23	74.00	-27.77	41.66	3	Vertical	119	1.06	-	31.19	5.00	31.62
AV	4.9245G	33.27	54.00	-20.73	28.69	3	Vertical	119	1.06	-	31.20	5.00	31.62

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

25/11/2020

2462MHz_TX



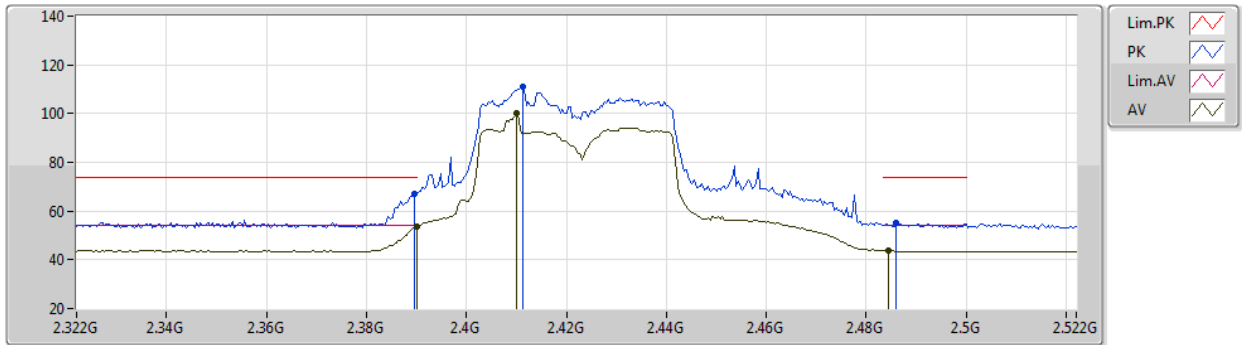
EUT Y_2TX
Setting 20
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92488G	46.95	74.00	-27.05	42.37	3	Horizontal	2	1.61	-	31.20	5.00	31.62
AV	4.92363G	33.29	54.00	-20.71	28.72	3	Horizontal	2	1.61	-	31.19	5.00	31.62

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

25/11/2020

2422MHz_TX



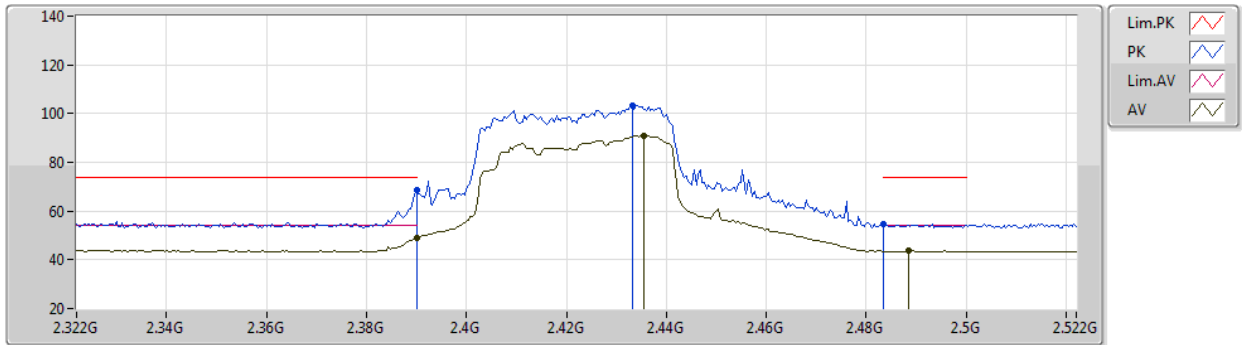
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Setting 17
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3896G	67.00	74.00	-7.00	36.32	3	Vertical	322	2.31	-	27.60	3.08	-
AV	2.39G	53.60	54.00	-0.40	22.92	3	Vertical	322	2.31	-	27.60	3.08	-
PK	2.4112G	110.80	Inf	-Inf	80.13	3	Vertical	322	2.31	-	27.56	3.11	-
AV	2.41G	100.21	Inf	-Inf	69.54	3	Vertical	322	2.31	-	27.56	3.11	-
PK	2.486G	54.95	74.00	-19.05	24.36	3	Vertical	322	2.31	-	27.40	3.19	-
AV	2.4844G	43.75	54.00	-10.25	13.17	3	Vertical	322	2.31	-	27.40	3.18	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

25/11/2020

2422MHz_TX



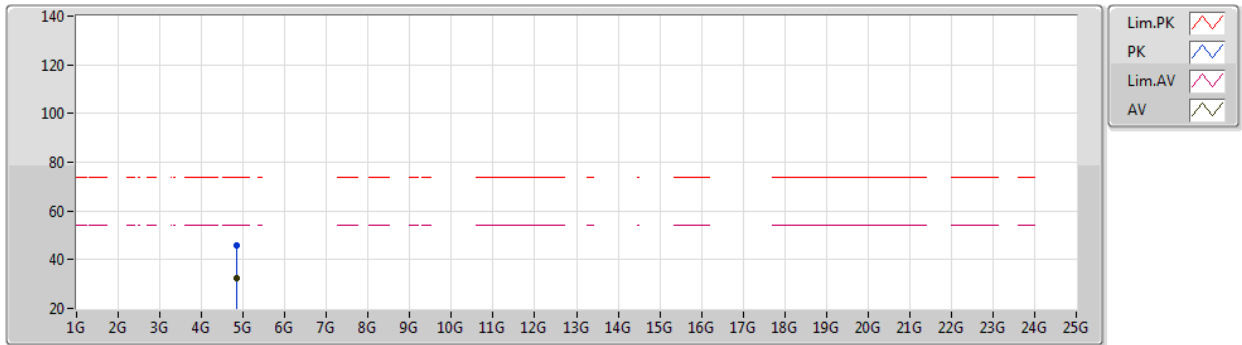
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Setting 17
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.39G	68.85	74.00	-5.15	38.17	3	Horizontal	25	2.02	-	27.60	3.08	-
AV	2.39G	48.74	54.00	-5.26	18.06	3	Horizontal	25	2.02	-	27.60	3.08	-
PK	2.4332G	103.29	Inf	-Inf	72.69	3	Horizontal	25	2.02	-	27.47	3.13	-
AV	2.4356G	90.93	Inf	-Inf	60.33	3	Horizontal	25	2.02	-	27.46	3.14	-
PK	2.4835G	54.54	74.00	-19.46	23.96	3	Horizontal	25	2.02	-	27.40	3.18	-
AV	2.4884G	43.57	54.00	-10.43	12.98	3	Horizontal	25	2.02	-	27.40	3.19	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

25/11/2020

2422MHz_TX



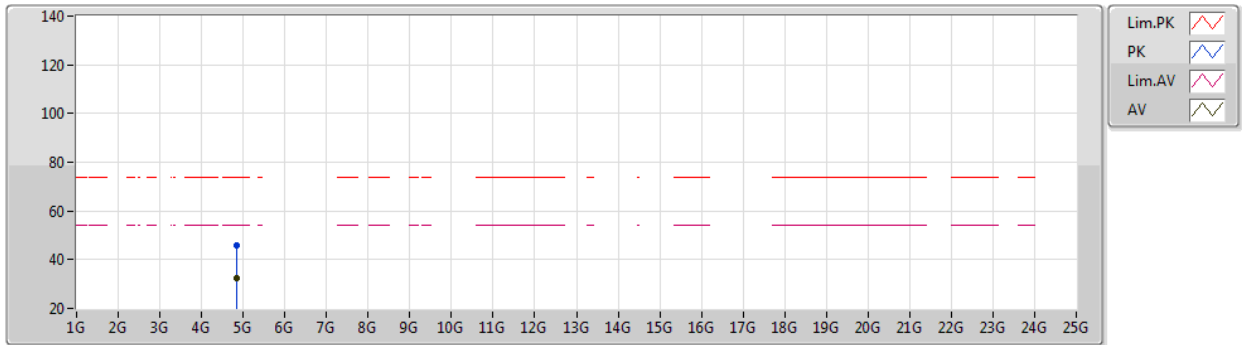
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Setting 17
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.84457G	45.68	74.00	-28.32	41.22	3	Vertical	16	2.07	-	31.18	5.00	31.72
AV	4.84468G	32.62	54.00	-21.38	28.16	3	Vertical	16	2.07	-	31.18	5.00	31.72

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

25/11/2020

2422MHz_TX



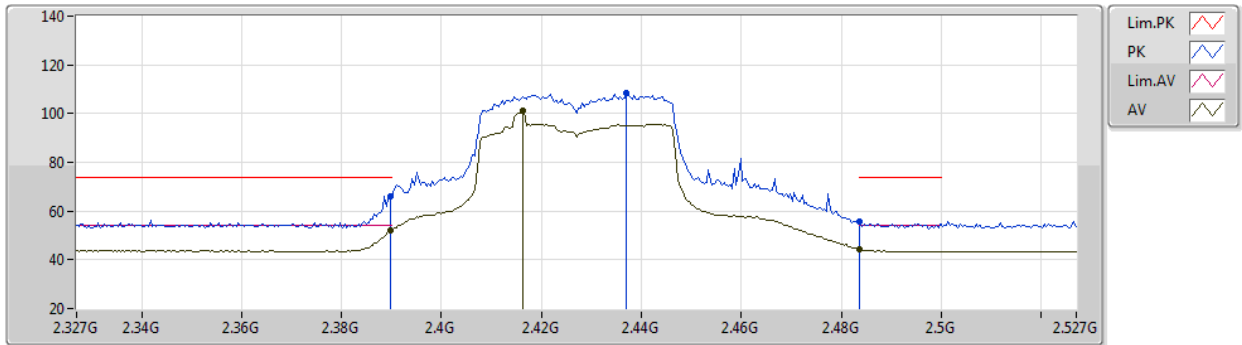
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Setting 17
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.84384G	45.77	74.00	-28.23	41.31	3	Horizontal	337	1.06	-	31.18	5.00	31.72
AV	4.84404G	32.55	54.00	-21.45	28.09	3	Horizontal	337	1.06	-	31.18	5.00	31.72

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

25/11/2020

2427MHz_TX



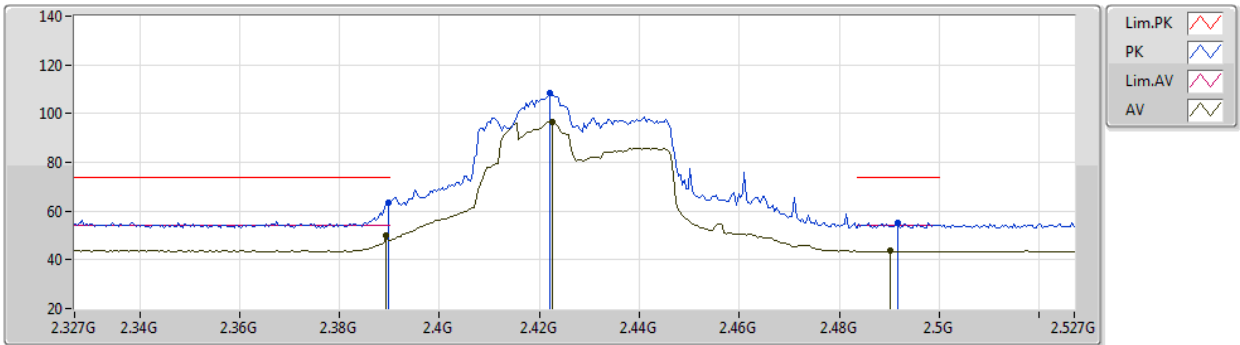
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Setting 20
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	66.26	74.00	-7.74	35.58	3	Vertical	219	2.53	-	27.60	3.08	-
AV	2.3898G	51.99	54.00	-2.01	21.31	3	Vertical	219	2.53	-	27.60	3.08	-
PK	2.437G	108.25	Inf	-Inf	77.66	3	Vertical	219	2.53	-	27.45	3.14	-
AV	2.4162G	100.96	Inf	-Inf	70.30	3	Vertical	219	2.53	-	27.54	3.12	-
PK	2.4835G	55.53	74.00	-18.47	24.95	3	Vertical	219	2.53	-	27.40	3.18	-
AV	2.4835G	44.26	54.00	-9.74	13.68	3	Vertical	219	2.53	-	27.40	3.18	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

25/11/2020

2427MHz_TX



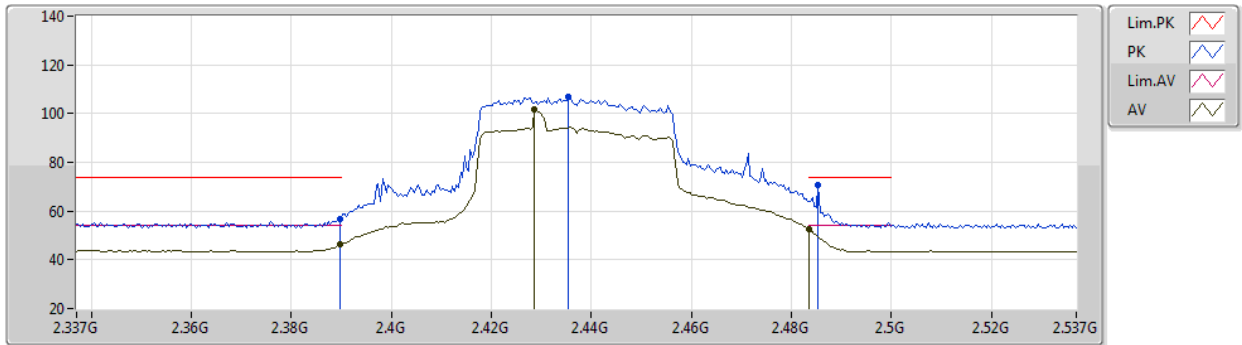
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Setting 20
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	63.61	74.00	-10.39	32.93	3	Horizontal	240	2.76	-	27.60	3.08	-
AV	2.3894G	49.95	54.00	-4.05	19.27	3	Horizontal	240	2.76	-	27.60	3.08	-
PK	2.4222G	108.70	Inf	-Inf	78.07	3	Horizontal	240	2.76	-	27.51	3.12	-
AV	2.4226G	96.66	Inf	-Inf	66.03	3	Horizontal	240	2.76	-	27.51	3.12	-
PK	2.4918G	55.21	74.00	-18.79	24.62	3	Horizontal	240	2.76	-	27.40	3.19	-
AV	2.4902G	43.54	54.00	-10.46	12.95	3	Horizontal	240	2.76	-	27.40	3.19	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

25/11/2020

2437MHz_TX



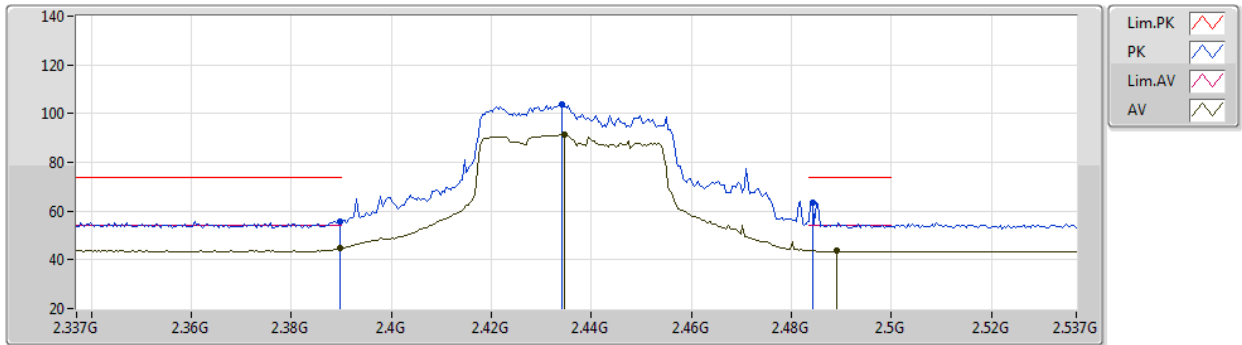
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Setting 20
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	56.98	74.00	-17.02	26.30	3	Vertical	214	2.80	-	27.60	3.08	-
AV	2.3898G	46.13	54.00	-7.87	15.45	3	Vertical	214	2.80	-	27.60	3.08	-
PK	2.4354G	107.11	Inf	-Inf	76.51	3	Vertical	214	2.80	-	27.46	3.14	-
AV	2.4286G	101.48	Inf	-Inf	70.86	3	Vertical	214	2.80	-	27.49	3.13	-
PK	2.4854G	70.88	74.00	-3.12	40.29	3	Vertical	214	2.80	-	27.40	3.19	-
AV	2.4835G	52.58	54.00	-1.42	22.00	3	Vertical	214	2.80	-	27.40	3.18	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

25/11/2020

2437MHz_TX



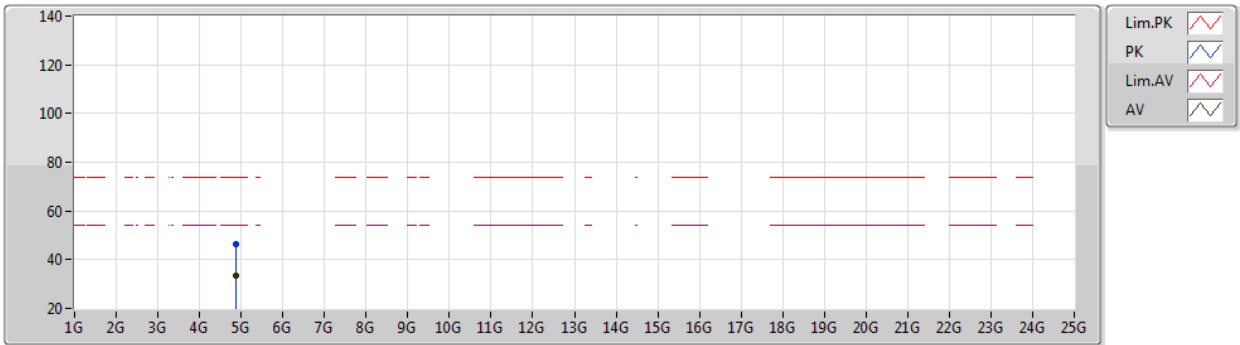
EUT Y_2TX
Setting 20
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	55.80	74.00	-18.20	25.12	3	Horizontal	22	2.58	-	27.60	3.08	-
AV	2.3898G	44.63	54.00	-9.37	13.95	3	Horizontal	22	2.58	-	27.60	3.08	-
PK	2.4342G	103.71	Inf	-Inf	73.12	3	Horizontal	22	2.58	-	27.46	3.13	-
AV	2.4346G	91.39	Inf	-Inf	60.80	3	Horizontal	22	2.58	-	27.46	3.13	-
PK	2.4842G	63.69	74.00	-10.31	33.11	3	Horizontal	22	2.58	-	27.40	3.18	-
AV	2.489G	44.05	54.00	-9.95	13.46	3	Horizontal	22	2.58	-	27.40	3.19	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

25/11/2020

2437MHz_TX



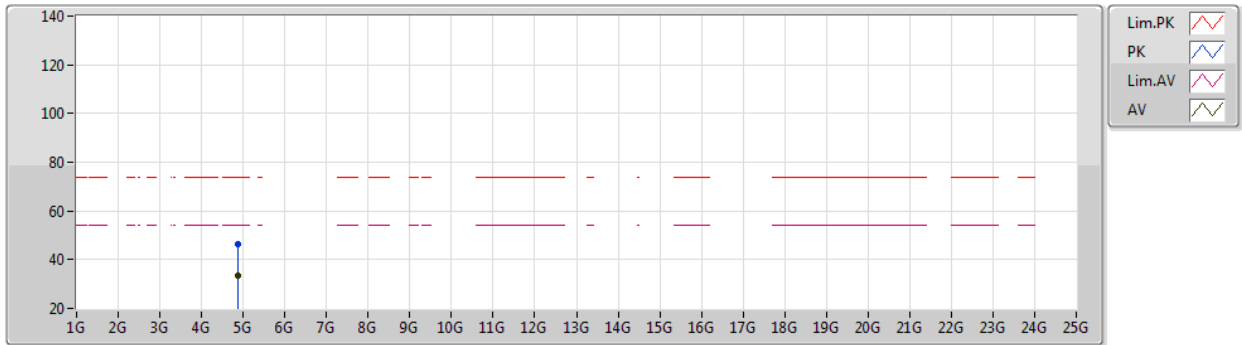
EUT Y_2TX
Setting 20
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87363G	46.35	74.00	-27.65	41.88	3	Vertical	214	1.05	-	31.15	5.00	31.68
AV	4.87469G	33.22	54.00	-20.78	28.75	3	Vertical	214	1.05	-	31.15	5.00	31.68

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

25/11/2020

2437MHz_TX



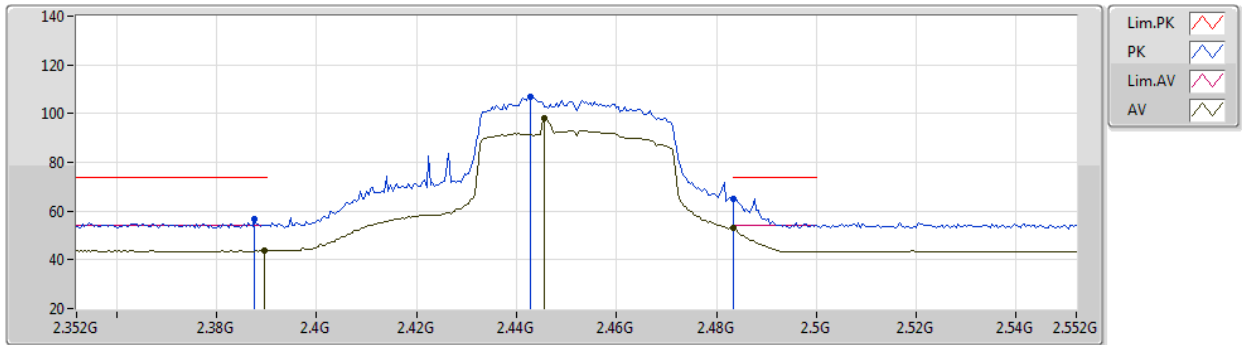
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Setting 20
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87352G	46.49	74.00	-27.51	42.02	3	Horizontal	349	2.80	-	31.15	5.00	31.68
AV	4.874G	33.31	54.00	-20.69	28.84	3	Horizontal	349	2.80	-	31.15	5.00	31.68

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

25/11/2020

2452MHz_TX



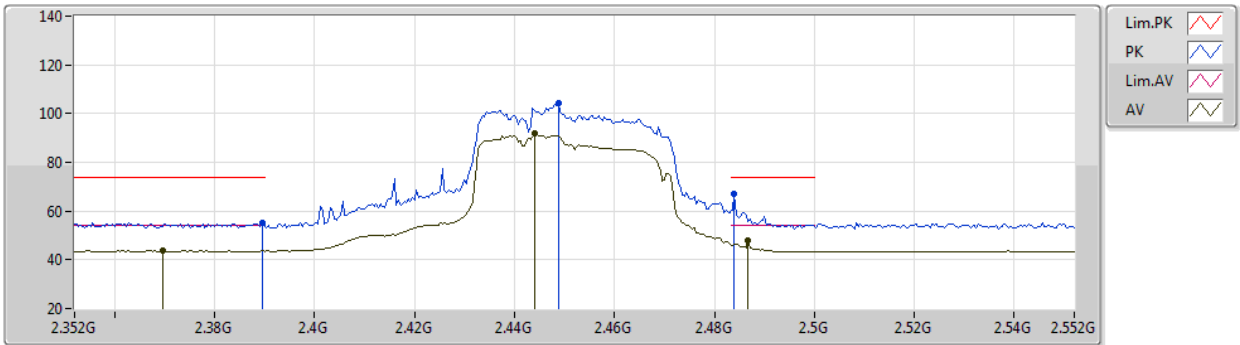
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Setting 20
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3876G	56.74	74.00	-17.26	26.06	3	Vertical	326	2.79	-	27.60	3.08	-
AV	2.3896G	43.70	54.00	-10.30	13.02	3	Vertical	326	2.79	-	27.60	3.08	-
PK	2.4428G	107.01	Inf	-Inf	76.44	3	Vertical	326	2.79	-	27.43	3.14	-
AV	2.4456G	98.30	Inf	-Inf	67.73	3	Vertical	326	2.79	-	27.42	3.15	-
PK	2.4835G	65.12	74.00	-8.88	34.54	3	Vertical	326	2.79	-	27.40	3.18	-
AV	2.4835G	52.92	54.00	-1.08	22.34	3	Vertical	326	2.79	-	27.40	3.18	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

25/11/2020

2452MHz_TX



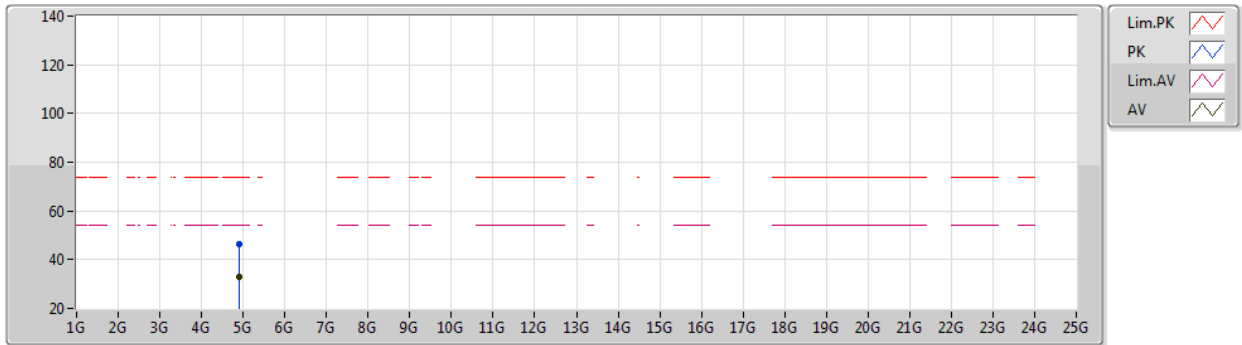
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Setting 20
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3896G	55.41	74.00	-18.59	24.73	3	Horizontal	28	1.80	-	27.60	3.08	-
AV	2.3696G	43.60	54.00	-10.40	12.96	3	Horizontal	28	1.80	-	27.60	3.04	-
PK	2.4488G	104.44	Inf	-Inf	73.89	3	Horizontal	28	1.80	-	27.40	3.15	-
AV	2.444G	91.89	Inf	-Inf	61.33	3	Horizontal	28	1.80	-	27.42	3.14	-
PK	2.484G	67.12	74.00	-6.88	36.54	3	Horizontal	28	1.80	-	27.40	3.18	-
AV	2.4868G	47.98	54.00	-6.02	17.39	3	Horizontal	28	1.80	-	27.40	3.19	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

25/11/2020

2452MHz_TX



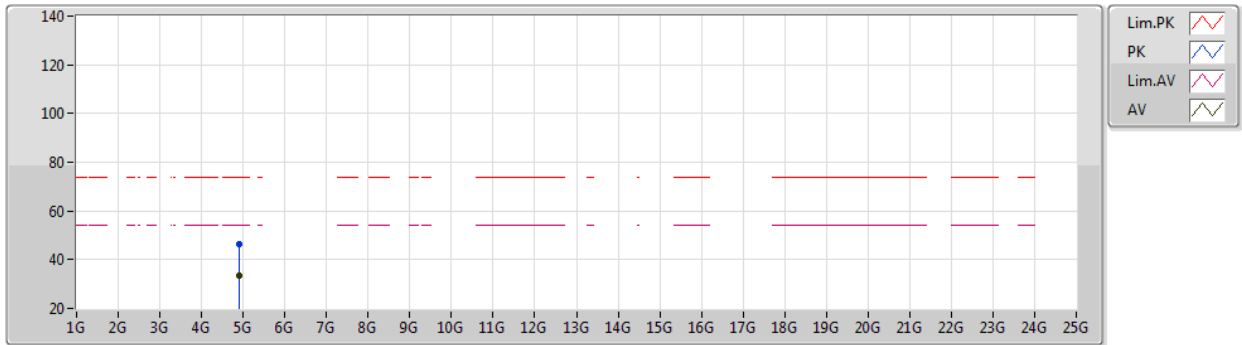
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Setting 20
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.90401G	46.40	74.00	-27.60	41.93	3	Vertical	153	2.26	-	31.12	5.00	31.65
AV	4.90382G	33.10	54.00	-20.90	28.63	3	Vertical	153	2.26	-	31.12	5.00	31.65

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

25/11/2020

2452MHz_TX



EUT Y_2TX
Setting 20
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.90408G	46.24	74.00	-27.76	41.77	3	Horizontal	149	2.60	-	31.12	5.00	31.65
AV	4.90385G	33.19	54.00	-20.81	28.72	3	Horizontal	149	2.60	-	31.12	5.00	31.65



For beamforming mode:

For Set 2:

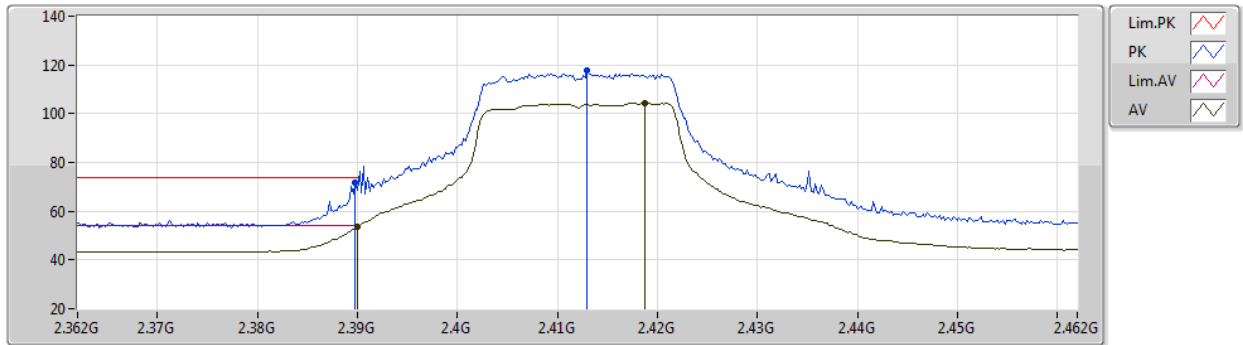
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	53.99	54.00	-0.01	3	Vertical	279	2.69	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

10/11/2020

2412MHz_TX



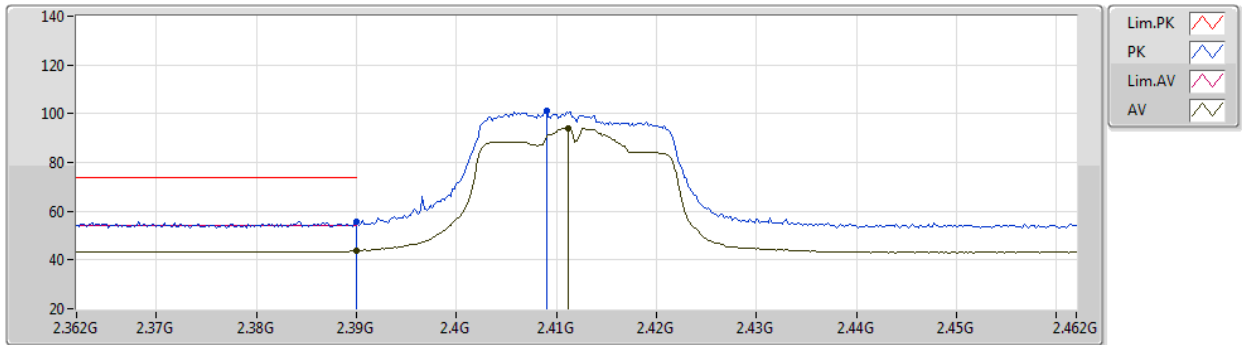
EUT Z_2TX
Setting 20
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	71.76	74.00	-2.24	41.08	3	Vertical	32	2.95	-	27.60	3.08	-
AV	2.39G	53.61	54.00	-0.39	22.93	3	Vertical	32	2.95	-	27.60	3.08	-
PK	2.413G	117.67	Inf	-Inf	87.01	3	Vertical	32	2.95	-	27.55	3.11	-
AV	2.4188G	104.36	Inf	-Inf	73.72	3	Vertical	32	2.95	-	27.52	3.12	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

10/11/2020

2412MHz_TX



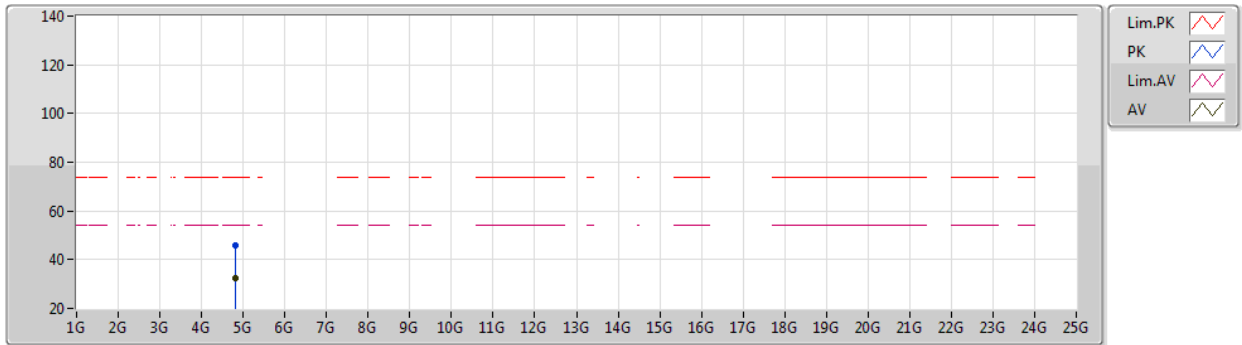
EUT Z_2TX
Setting 20
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.39G	55.81	74.00	-18.19	25.13	3	Horizontal	216	2.75	-	27.60	3.08	-
AV	2.39G	43.76	54.00	-10.24	13.08	3	Horizontal	216	2.75	-	27.60	3.08	-
PK	2.409G	100.98	Inf	-Inf	70.31	3	Horizontal	216	2.75	-	27.56	3.11	-
AV	2.4112G	94.16	Inf	-Inf	63.49	3	Horizontal	216	2.75	-	27.56	3.11	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

10/11/2020

2412MHz_TX



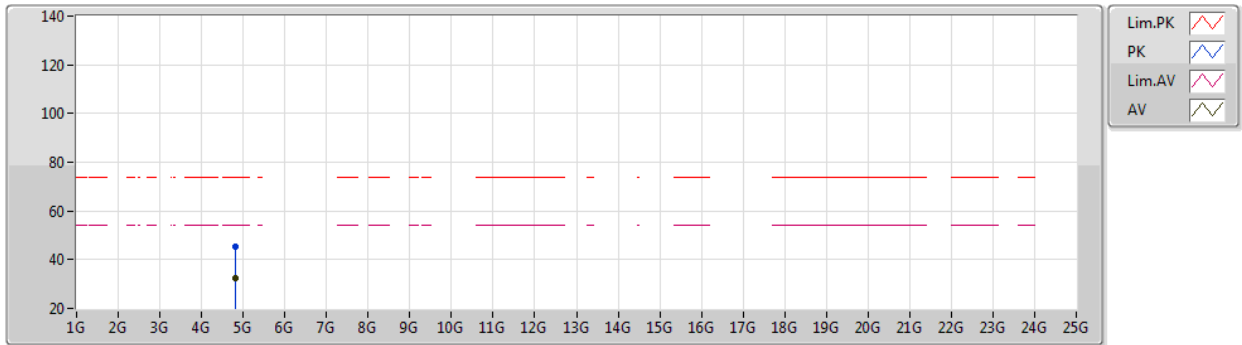
EUT Z_2TX
Setting 20
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.82395G	45.84	74.00	-28.16	41.48	3	Vertical	351	1.85	-	31.10	5.00	31.74
AV	4.82316G	32.21	54.00	-21.79	27.87	3	Vertical	351	1.85	-	31.09	5.00	31.75

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

10/11/2020

2412MHz_TX



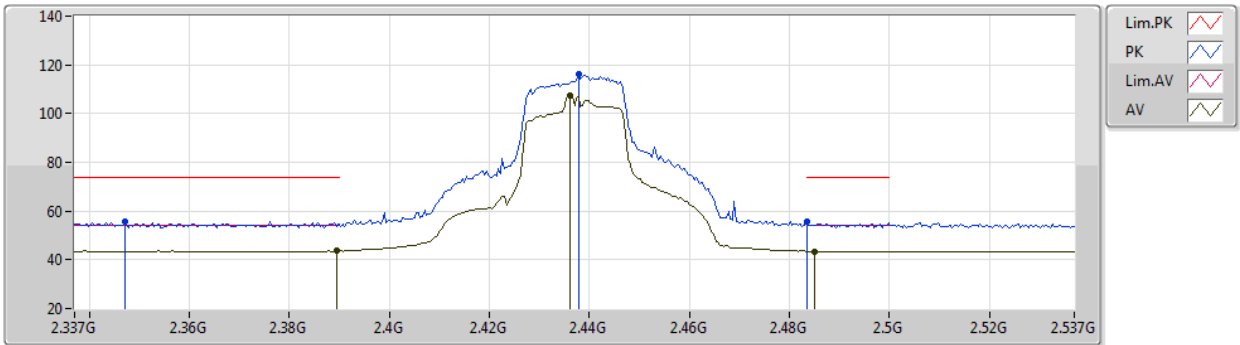
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Setting 20
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.82334G	45.44	74.00	-28.56	41.10	3	Horizontal	210	2.02	-	31.09	5.00	31.75
AV	4.82394G	32.24	54.00	-21.76	27.88	3	Horizontal	210	2.02	-	31.10	5.00	31.74

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

10/11/2020

2437MHz_TX



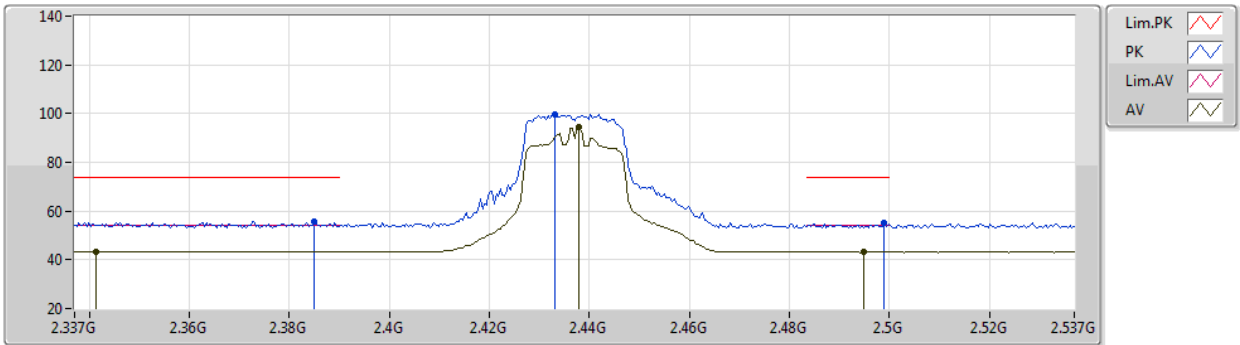
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Setting 20
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.347G	55.77	74.00	-18.23	25.17	3	Vertical	274	2.61	-	27.61	2.99	-
AV	2.3894G	43.70	54.00	-10.30	13.02	3	Vertical	274	2.61	-	27.60	3.08	-
PK	2.4378G	116.24	Inf	-Inf	85.65	3	Vertical	274	2.61	-	27.45	3.14	-
AV	2.4362G	107.43	Inf	-Inf	76.83	3	Vertical	274	2.61	-	27.46	3.14	-
PK	2.4835G	55.48	74.00	-18.52	24.90	3	Vertical	274	2.61	-	27.40	3.18	-
AV	2.485G	43.49	54.00	-10.51	12.90	3	Vertical	274	2.61	-	27.40	3.19	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

10/11/2020

2437MHz_TX



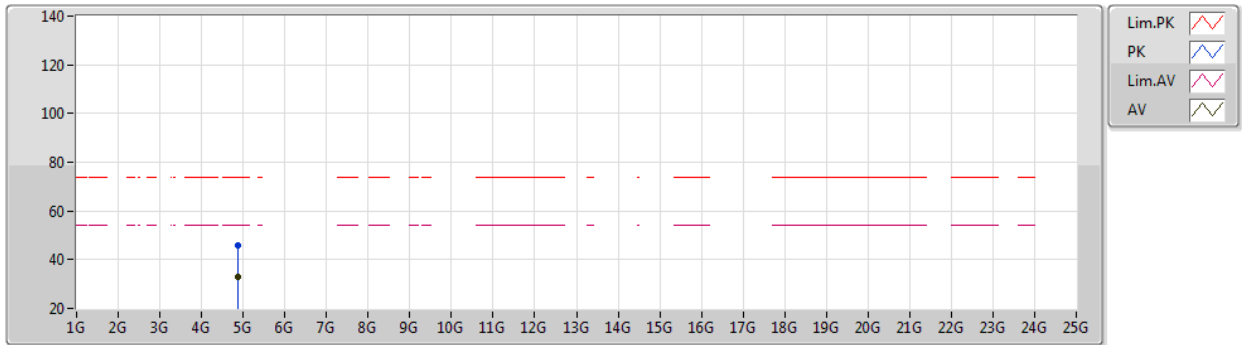
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Setting 20
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.385G	55.62	74.00	-18.38	24.95	3	Horizontal	98	2.96	-	27.60	3.07	-
AV	2.3414G	43.49	54.00	-10.51	12.89	3	Horizontal	98	2.96	-	27.62	2.98	-
PK	2.433G	99.89	Inf	-Inf	69.29	3	Horizontal	98	2.96	-	27.47	3.13	-
AV	2.4378G	94.23	Inf	-Inf	63.64	3	Horizontal	98	2.96	-	27.45	3.14	-
PK	2.499G	55.16	74.00	-18.84	24.56	3	Horizontal	98	2.96	-	27.40	3.20	-
AV	2.495G	43.36	54.00	-10.64	12.77	3	Horizontal	98	2.96	-	27.40	3.19	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

10/11/2020

2437MHz_TX



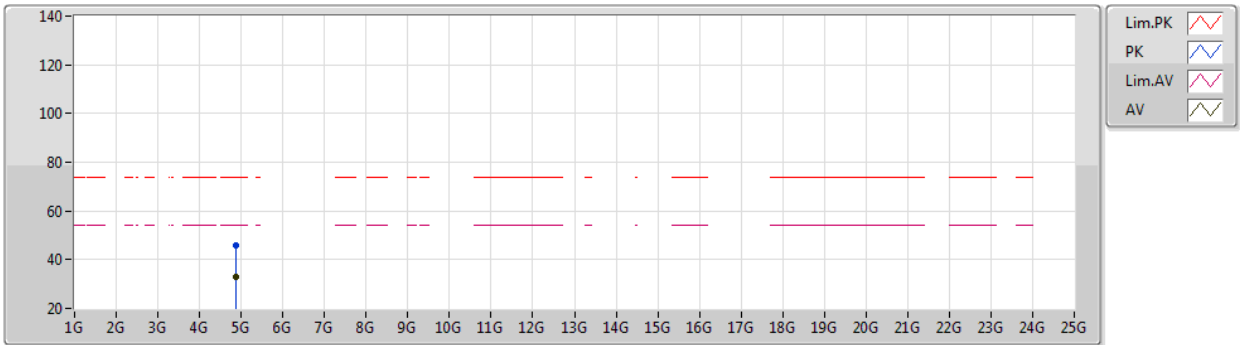
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Setting 20
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87495G	46.11	74.00	-27.89	41.64	3	Vertical	191	2.65	-	31.15	5.00	31.68
AV	4.87394G	32.99	54.00	-21.01	28.52	3	Vertical	191	2.65	-	31.15	5.00	31.68

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

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2437MHz_TX



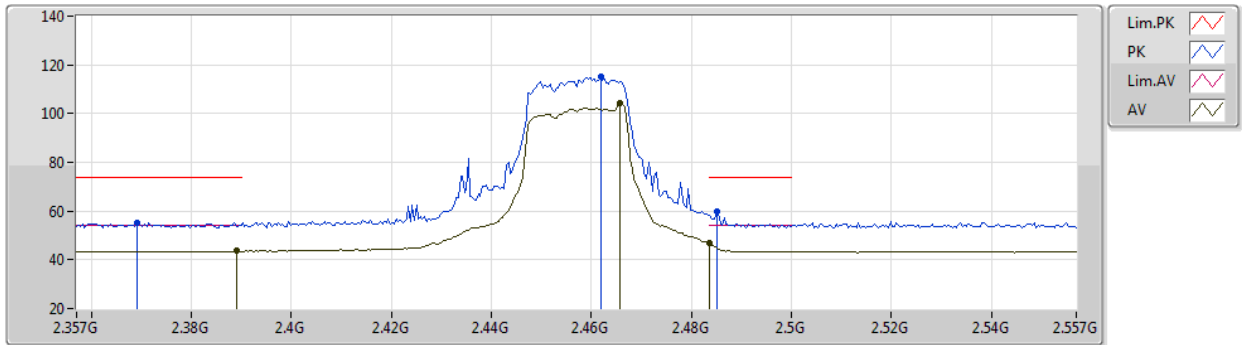
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Setting 20
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87353G	45.80	74.00	-28.20	41.33	3	Horizontal	207	2.04	-	31.15	5.00	31.68
AV	4.87389G	32.90	54.00	-21.10	28.43	3	Horizontal	207	2.04	-	31.15	5.00	31.68

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

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2457MHz_TX



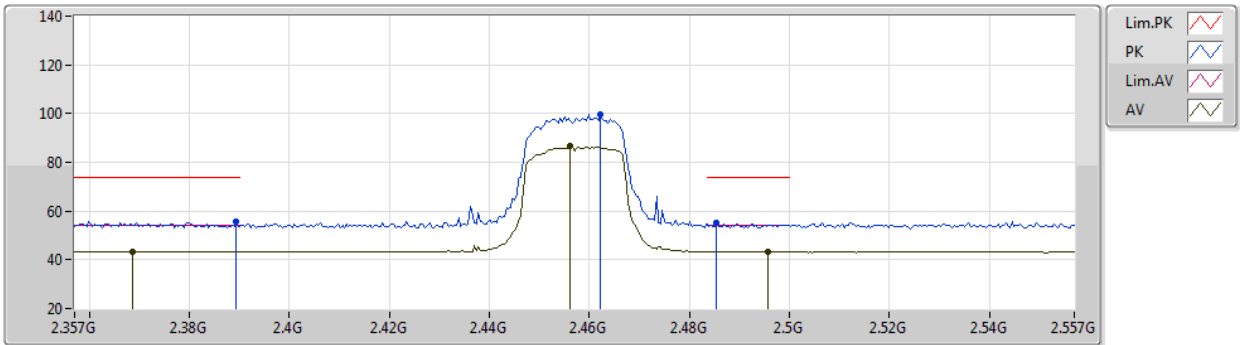
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Setting 20
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.369G	55.27	74.00	-18.73	24.63	3	Vertical	142	2.91	-	27.60	3.04	-
AV	2.389G	43.55	54.00	-10.45	12.87	3	Vertical	142	2.91	-	27.60	3.08	-
PK	2.4618G	115.15	Inf	-Inf	84.59	3	Vertical	142	2.91	-	27.40	3.16	-
AV	2.4658G	104.07	Inf	-Inf	73.50	3	Vertical	142	2.91	-	27.40	3.17	-
PK	2.485G	59.92	74.00	-14.08	29.33	3	Vertical	142	2.91	-	27.40	3.19	-
AV	2.4835G	46.89	54.00	-7.11	16.31	3	Vertical	142	2.91	-	27.40	3.18	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

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2457MHz_TX



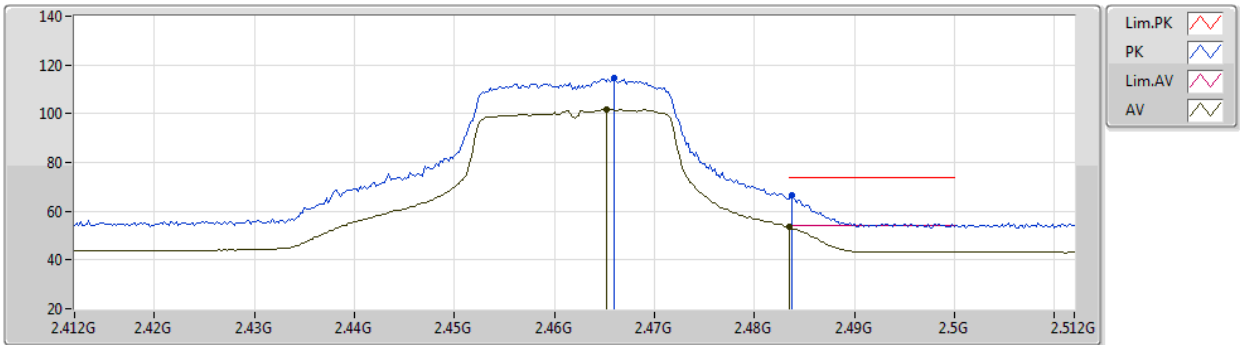
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Setting 20
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3894G	55.69	74.00	-18.31	25.01	3	Horizontal	166	2.92	-	27.60	3.08	-
AV	2.3686G	43.46	54.00	-10.54	12.82	3	Horizontal	166	2.92	-	27.60	3.04	-
PK	2.4622G	99.71	Inf	-Inf	69.15	3	Horizontal	166	2.92	-	27.40	3.16	-
AV	2.4562G	86.49	Inf	-Inf	55.93	3	Horizontal	166	2.92	-	27.40	3.16	-
PK	2.4854G	55.04	74.00	-18.96	24.45	3	Horizontal	166	2.92	-	27.40	3.19	-
AV	2.4958G	43.23	54.00	-10.77	12.63	3	Horizontal	166	2.92	-	27.40	3.20	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

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2462MHz_TX



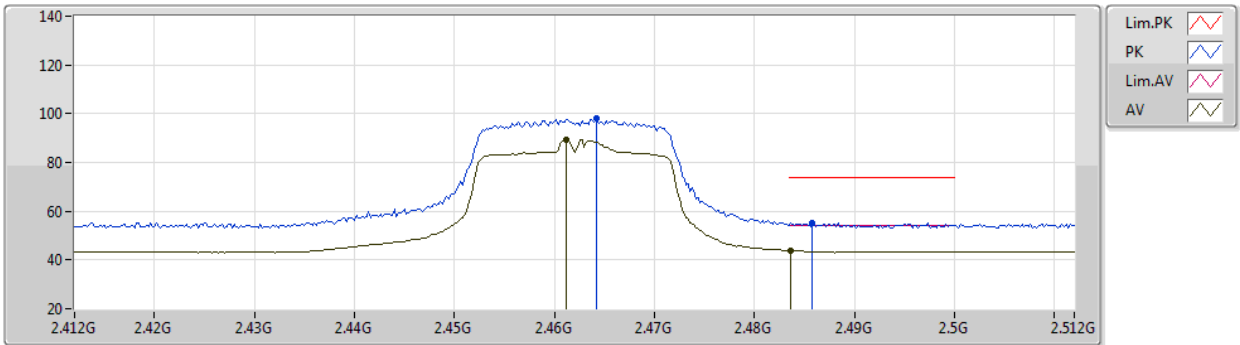
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Setting 17
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.466G	114.42	Inf	-Inf	83.85	3	Vertical	143	2.79	-	27.40	3.17	-
AV	2.4652G	101.65	Inf	-Inf	71.08	3	Vertical	143	2.79	-	27.40	3.17	-
PK	2.4838G	66.72	74.00	-7.28	36.14	3	Vertical	143	2.79	-	27.40	3.18	-
AV	2.4835G	53.52	54.00	-0.48	22.94	3	Vertical	143	2.79	-	27.40	3.18	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

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2462MHz_TX



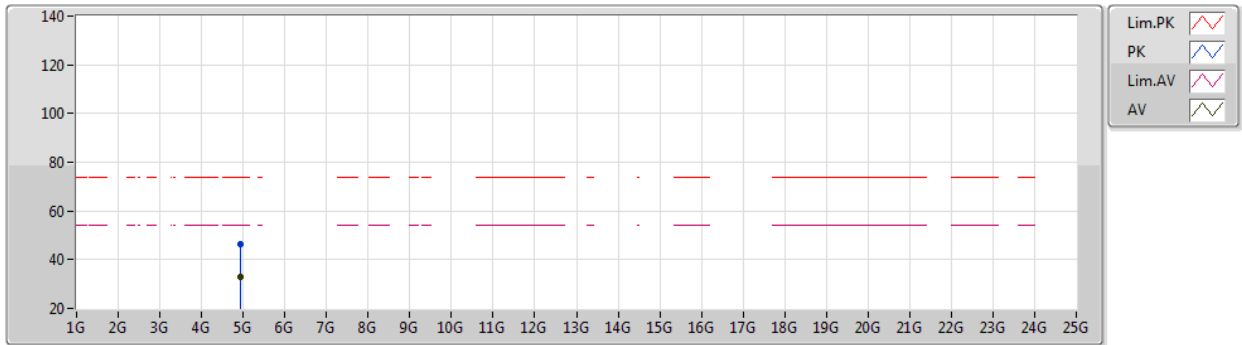
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Setting 17
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4642G	98.34	Inf	-Inf	67.78	3	Horizontal	41	2.80	-	27.40	3.16	-
AV	2.4612G	89.36	Inf	-Inf	58.80	3	Horizontal	41	2.80	-	27.40	3.16	-
PK	2.4858G	55.03	74.00	-18.97	24.44	3	Horizontal	41	2.80	-	27.40	3.19	-
AV	2.4836G	43.94	54.00	-10.06	13.36	3	Horizontal	41	2.80	-	27.40	3.18	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

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2462MHz_TX



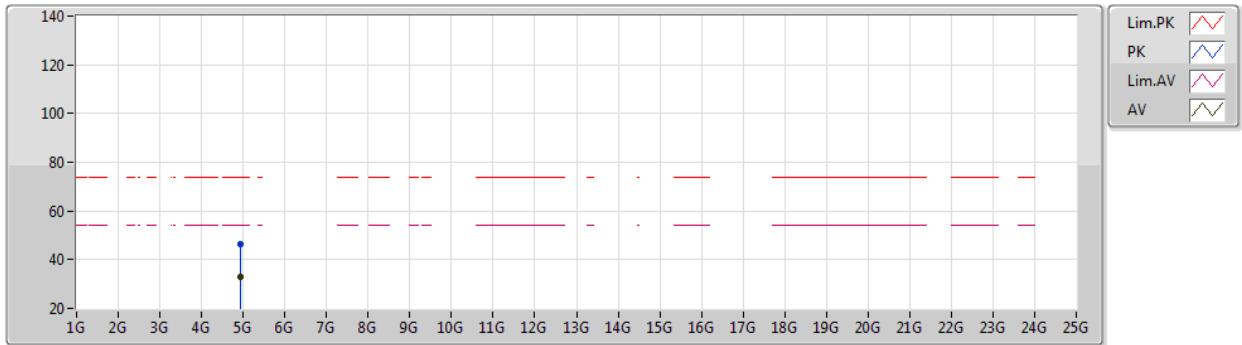
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Setting 17
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92343G	46.13	74.00	-27.87	41.56	3	Vertical	200	1.77	-	31.19	5.00	31.62
AV	4.92473G	33.06	54.00	-20.94	28.48	3	Vertical	200	1.77	-	31.20	5.00	31.62

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

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2462MHz_TX



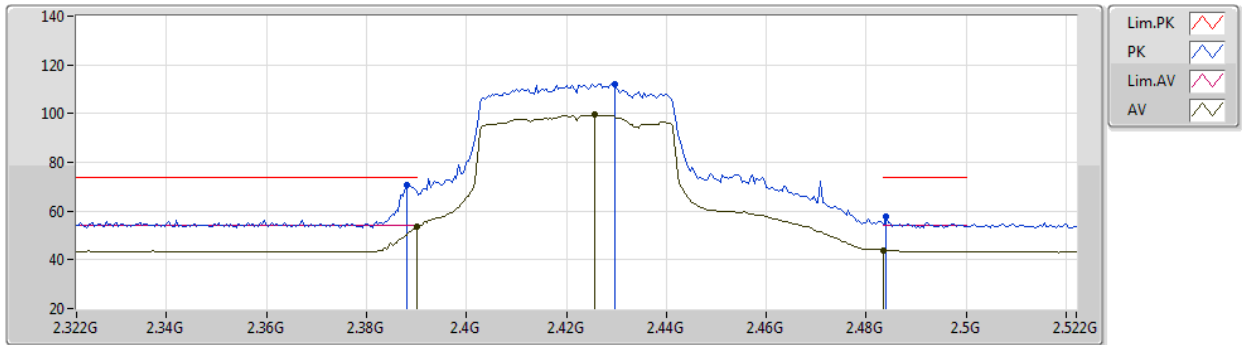
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Setting 17
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92331G	46.47	74.00	-27.53	41.90	3	Horizontal	311	2.46	-	31.19	5.00	31.62
AV	4.92427G	32.80	54.00	-21.20	28.22	3	Horizontal	311	2.46	-	31.20	5.00	31.62

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

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2422MHz_TX



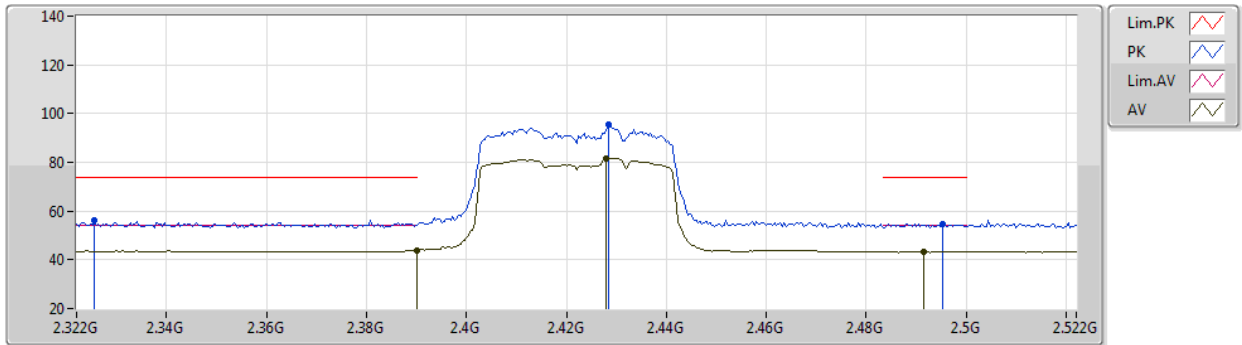
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Setting 17
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.388G	70.55	74.00	-3.45	39.87	3	Vertical	32	2.89	-	27.60	3.08	-
AV	2.39G	53.43	54.00	-0.57	22.75	3	Vertical	32	2.89	-	27.60	3.08	-
PK	2.4296G	112.15	Inf	-Inf	81.54	3	Vertical	32	2.89	-	27.48	3.13	-
AV	2.4256G	99.78	Inf	-Inf	69.15	3	Vertical	32	2.89	-	27.50	3.13	-
PK	2.484G	57.77	74.00	-16.23	27.19	3	Vertical	32	2.89	-	27.40	3.18	-
AV	2.4835G	43.95	54.00	-10.05	13.37	3	Vertical	32	2.89	-	27.40	3.18	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

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2422MHz_TX



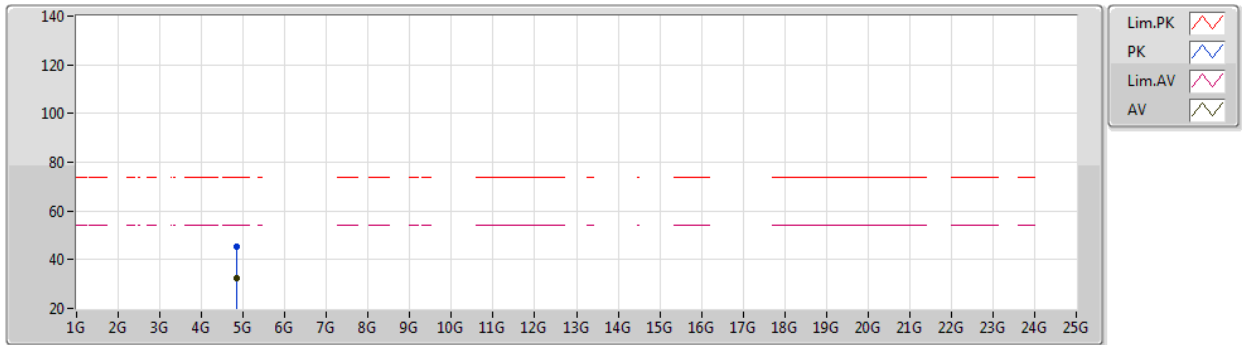
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Setting 17
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3256G	55.99	74.00	-18.01	25.39	3	Horizontal	219	2.68	-	27.65	2.95	-
AV	2.39G	43.85	54.00	-10.15	13.17	3	Horizontal	219	2.68	-	27.60	3.08	-
PK	2.4284G	95.34	Inf	-Inf	64.72	3	Horizontal	219	2.68	-	27.49	3.13	-
AV	2.428G	81.78	Inf	-Inf	51.16	3	Horizontal	219	2.68	-	27.49	3.13	-
PK	2.4952G	54.81	74.00	-19.19	24.21	3	Horizontal	219	2.68	-	27.40	3.20	-
AV	2.4916G	43.30	54.00	-10.70	12.71	3	Horizontal	219	2.68	-	27.40	3.19	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

10/11/2020

2422MHz_TX



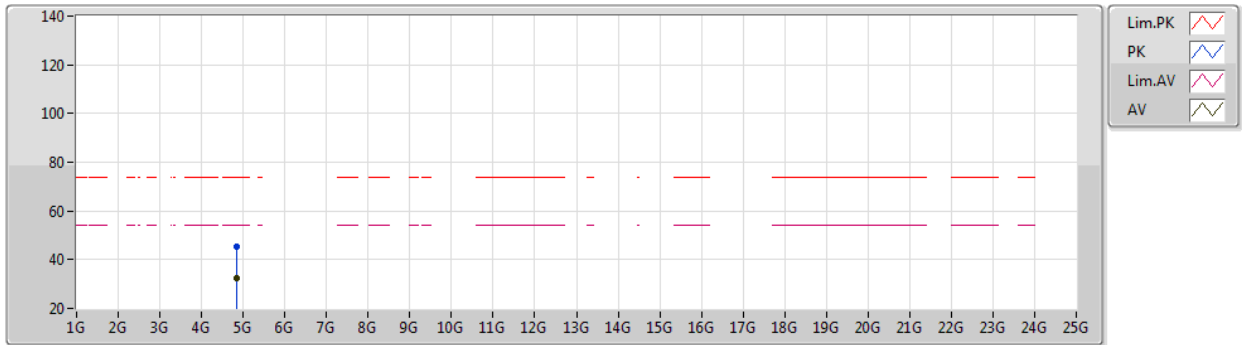
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Setting 17
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.84382G	45.24	74.00	-28.76	40.78	3	Vertical	85	2.37	-	31.18	5.00	31.72
AV	4.84334G	32.32	54.00	-21.68	27.87	3	Vertical	85	2.37	-	31.17	5.00	31.72

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

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2422MHz_TX



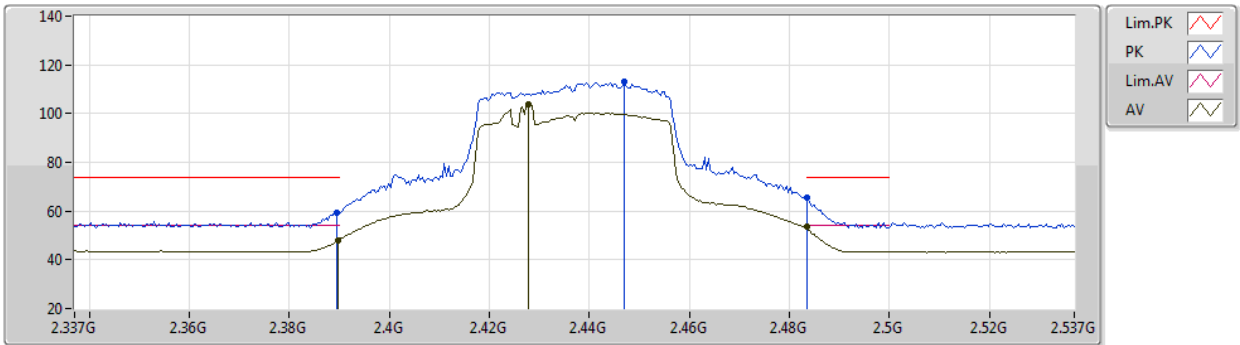
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Setting 17
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.84328G	45.23	74.00	-28.77	40.78	3	Horizontal	325	1.20	-	31.17	5.00	31.72
AV	4.84447G	32.28	54.00	-21.72	27.82	3	Horizontal	325	1.20	-	31.18	5.00	31.72

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

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2437MHz_TX



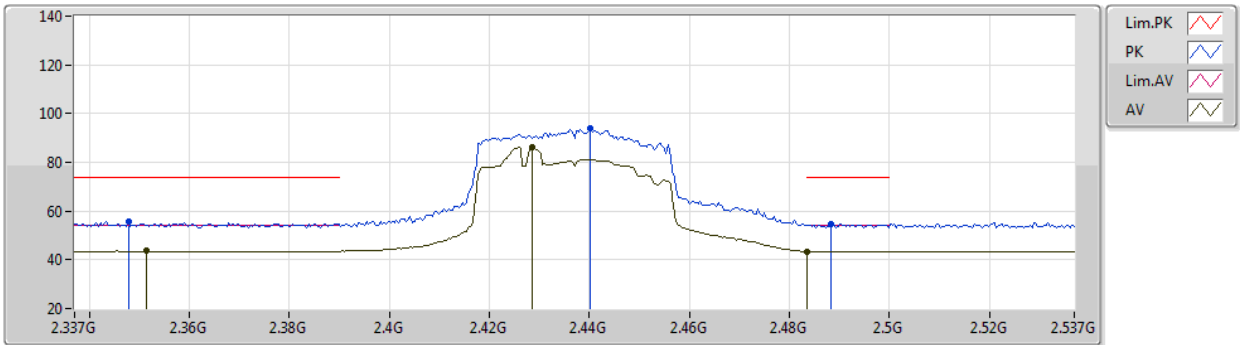
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Setting 17
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3894G	59.37	74.00	-14.63	28.69	3	Vertical	276	2.51	-	27.60	3.08	-
AV	2.3898G	47.84	54.00	-6.16	17.16	3	Vertical	276	2.51	-	27.60	3.08	-
PK	2.447G	112.88	Inf	-Inf	82.32	3	Vertical	276	2.51	-	27.41	3.15	-
AV	2.4278G	103.95	Inf	-Inf	73.33	3	Vertical	276	2.51	-	27.49	3.13	-
PK	2.4835G	65.53	74.00	-8.47	34.95	3	Vertical	276	2.51	-	27.40	3.18	-
AV	2.4835G	53.43	54.00	-0.57	22.85	3	Vertical	276	2.51	-	27.40	3.18	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

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2437MHz_TX



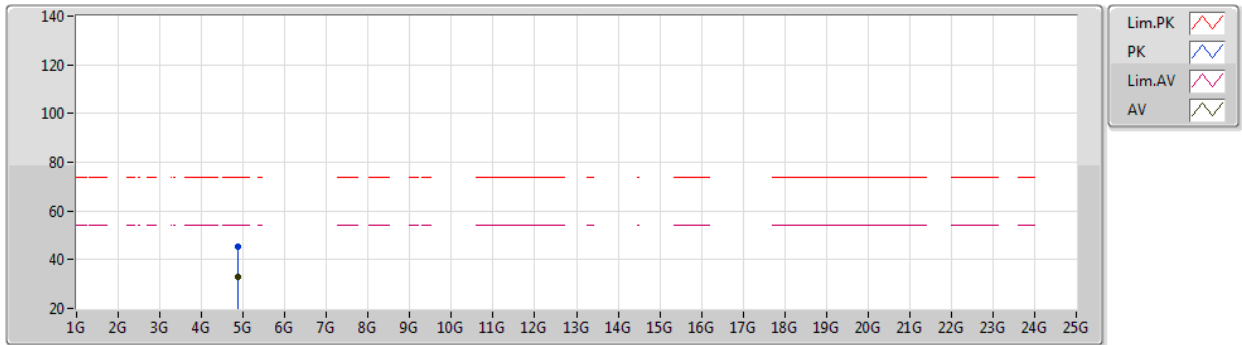
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Setting 17
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3478G	55.64	74.00	-18.36	25.04	3	Horizontal	233	2.45	-	27.60	3.00	-
AV	2.3514G	43.61	54.00	-10.39	13.01	3	Horizontal	233	2.45	-	27.60	3.00	-
PK	2.4402G	94.10	Inf	-Inf	63.52	3	Horizontal	233	2.45	-	27.44	3.14	-
AV	2.4286G	86.30	Inf	-Inf	55.68	3	Horizontal	233	2.45	-	27.49	3.13	-
PK	2.4882G	54.80	74.00	-19.20	24.21	3	Horizontal	233	2.45	-	27.40	3.19	-
AV	2.4835G	43.45	54.00	-10.55	12.87	3	Horizontal	233	2.45	-	27.40	3.18	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

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2437MHz_TX



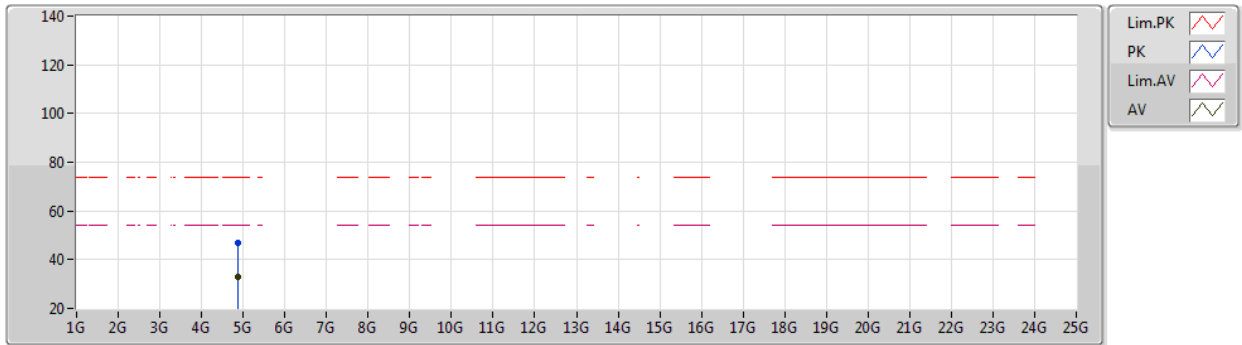
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Setting 17
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87358G	45.28	74.00	-28.72	40.81	3	Vertical	341	1.61	-	31.15	5.00	31.68
AV	4.87434G	32.98	54.00	-21.02	28.51	3	Vertical	341	1.61	-	31.15	5.00	31.68

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

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2437MHz_TX



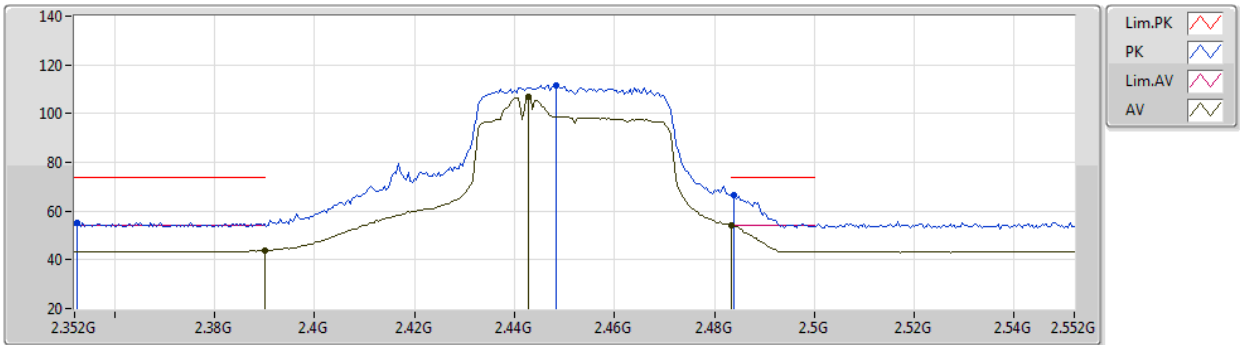
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Setting 17
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.8746G	46.82	74.00	-27.18	42.35	3	Horizontal	125	2.51	-	31.15	5.00	31.68
AV	4.87467G	33.07	54.00	-20.93	28.60	3	Horizontal	125	2.51	-	31.15	5.00	31.68

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

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2452MHz_TX



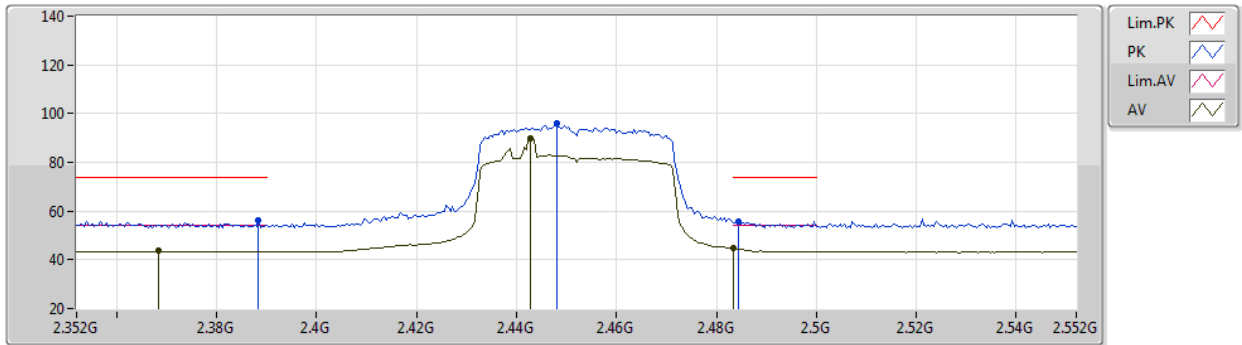
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Setting 17
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3524G	55.39	74.00	-18.61	24.79	3	Vertical	279	2.69	-	27.60	3.00	-
AV	2.39G	43.82	54.00	-10.18	13.14	3	Vertical	279	2.69	-	27.60	3.08	-
PK	2.4484G	111.59	Inf	-Inf	81.03	3	Vertical	279	2.69	-	27.41	3.15	-
AV	2.4428G	106.70	Inf	-Inf	76.13	3	Vertical	279	2.69	-	27.43	3.14	-
PK	2.484G	66.41	74.00	-7.59	35.83	3	Vertical	279	2.69	-	27.40	3.18	-
AV	2.4835G	53.99	54.00	-0.01	23.41	3	Vertical	279	2.69	-	27.40	3.18	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

10/11/2020

2452MHz_TX



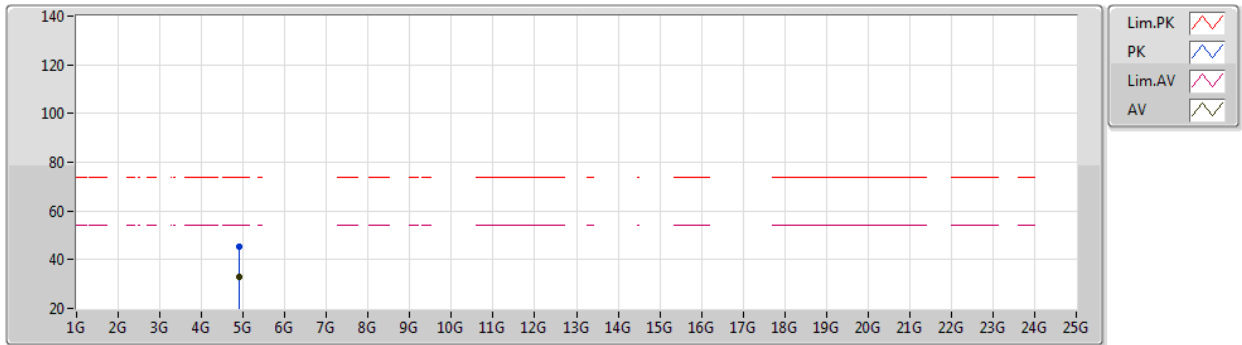
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Setting 17
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3884G	55.97	74.00	-18.03	25.29	3	Horizontal	39	2.80	-	27.60	3.08	-
AV	2.3684G	43.56	54.00	-10.44	12.92	3	Horizontal	39	2.80	-	27.60	3.04	-
PK	2.448G	96.09	Inf	-Inf	65.53	3	Horizontal	39	2.80	-	27.41	3.15	-
AV	2.4428G	89.71	Inf	-Inf	59.14	3	Horizontal	39	2.80	-	27.43	3.14	-
PK	2.4844G	55.79	74.00	-18.21	25.21	3	Horizontal	39	2.80	-	27.40	3.18	-
AV	2.4835G	44.73	54.00	-9.27	14.15	3	Horizontal	39	2.80	-	27.40	3.18	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

10/11/2020

2452MHz_TX



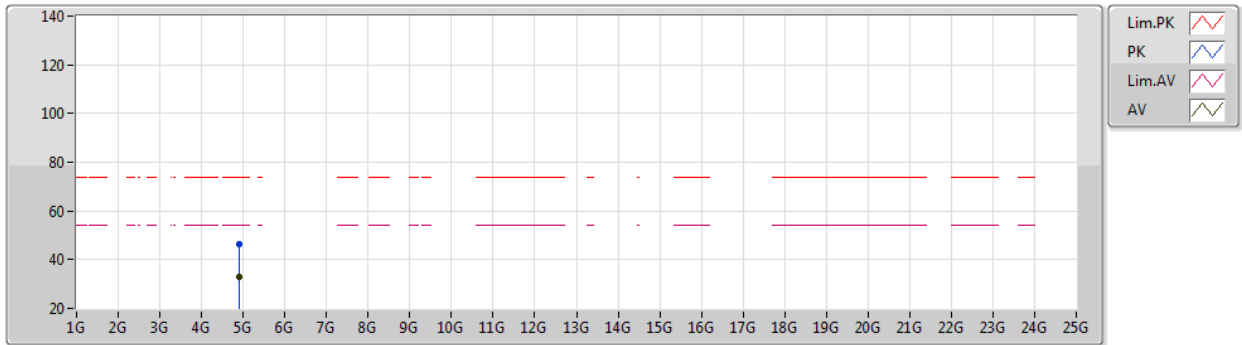
EUT Z_2TX
Setting 17
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.90444G	45.60	74.00	-28.40	41.13	3	Vertical	302	2.52	-	31.12	5.00	31.65
AV	4.90457G	32.84	54.00	-21.16	28.37	3	Vertical	302	2.52	-	31.12	5.00	31.65

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

10/11/2020

2452MHz_TX



EUT Z_2TX
Setting 17
ANT Z
06-D-J-7

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.90353G	46.35	74.00	-27.65	41.89	3	Horizontal	312	2.79	-	31.11	5.00	31.65
AV	4.90375G	32.86	54.00	-21.14	28.39	3	Horizontal	312	2.79	-	31.12	5.00	31.65



RSE Co-location Result

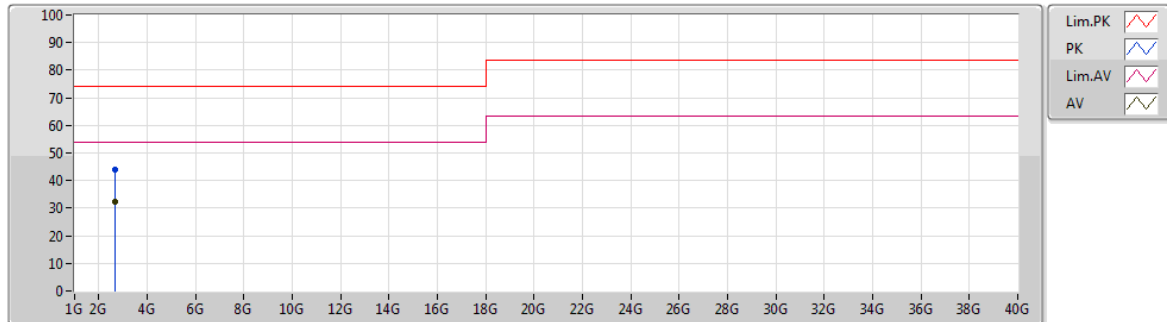
Appendix G

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	2.65058G	32.37	54.00	-21.63	Vertical

Mode 1

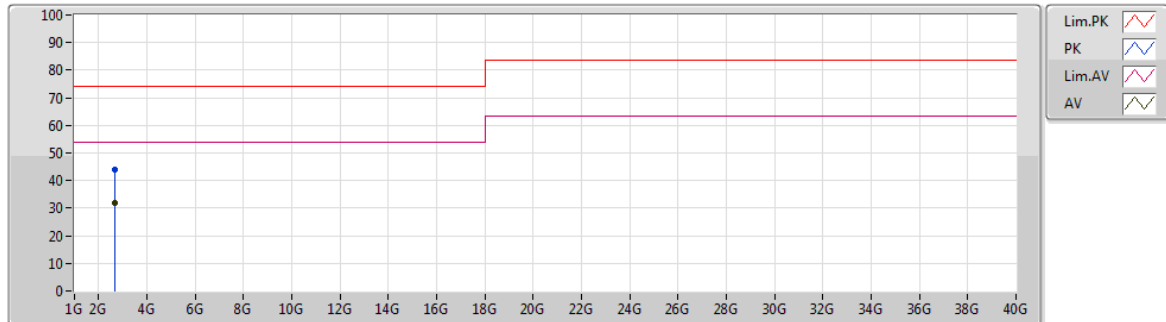
15/12/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	2.65058G	43.98	74.00	-30.02	-2.19	3	Vertical	259	1.08	-	46.17	27.60	3.40	33.19
AV	2.65058G	32.37	54.00	-21.63	-2.19	3	Vertical	259	1.08	"Worst"	34.56	27.60	3.40	33.19

Mode 1

15/12/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	2.64916G	43.89	74.00	-30.11	-2.19	3	Horizontal	296	1.36	-	46.08	27.60	3.40	33.19
AV	2.64957G	31.88	54.00	-22.12	-2.19	3	Horizontal	296	1.36	"Worst"	34.07	27.60	3.40	33.19