



RADIO TEST REPORT

FCC ID : QXO-AP4000NB
Equipment : Access Point
Brand Name : Extreme Networks
Model Name : AP4000
Applicant : Extreme Networks, Inc.
2121 RDU Center Drive Morrisville North Carolina
United States 27560
Manufacturer : Extreme Networks, Inc.
2121 RDU Center Drive Morrisville North Carolina
United States 27560
Standard : 47 CFR FCC Part 15.247

The product was received on May 13, 2021, and testing was started from May 21, 2021 and completed on Aug. 09, 2022. We, Sporton International Inc. Hsinchu 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. Hsinchu Laboratory, the test report shall not be reproduced except in full.



Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory

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History of this test report

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A10_10 Ver1.3

Page Number : 3 of 37
Issued Date : Aug. 29, 2022
Report Version : 01



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	-

Note: Reference to Sporton Project No.: 151220.

Declaration of Conformity:

1. The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results.
2. The measurement uncertainty please refer to report "Measurement Uncertainty".

Comments and Explanations:

1. The test configuration, test mode and test software were written in this test report are declared by the manufacturer.
2. 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: Penny Kao**



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]

For Radio 1

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	11b	20	1, 2
2.4-2.4835GHz	11g	20	1, 2
2.4-2.4835GHz	802.11n HT20	20	1, 2
2.4-2.4835GHz	802.11n HT20-BF	20	2
2.4-2.4835GHz	VHT20	20	1, 2
2.4-2.4835GHz	VHT20-BF	20	2
2.4-2.4835GHz	802.11ax HEW20	20	1, 2
2.4-2.4835GHz	802.11ax HEW20-BF	20	2
2.4-2.4835GHz	802.11n HT40	40	1, 2
2.4-2.4835GHz	802.11n HT40-BF	40	2
2.4-2.4835GHz	VHT40	40	1, 2
2.4-2.4835GHz	VHT40-BF	40	2
2.4-2.4835GHz	802.11ax HEW40	40	1, 2
2.4-2.4835GHz	802.11ax HEW40-BF	40	2

**For Scanning radio 3**

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	11b	20	2
2.4-2.4835GHz	11g	20	2
2.4-2.4835GHz	802.11n HT20	20	2
2.4-2.4835GHz	VHT20	20	2
2.4-2.4835GHz	802.11ax HEW20	20	2
2.4-2.4835GHz	802.11n HT40	40	2
2.4-2.4835GHz	VHT40	40	2
2.4-2.4835GHz	802.11ax HEW40	40	2

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

Ant.	Radio	Model Name	Antenna Type	Connector	Gain (dBi)
1	1, 2	N/A	PIFA	I-PEX	Note 1
2	1, 2	N/A	PIFA	I-PEX	
3	3	N/A	PIFA	I-PEX	
4	3	N/A	PIFA	I-PEX	
5	3	N/A	PIFA	I-PEX	
6	3	N/A	PIFA	I-PEX	

Ant.	WLAN 2.4GHz Port	WLAN 5GHz UNII 1~3 Port	Scanning radio (WLAN 2.4GHz) Port	Scanning radio (5GHz UNII 1~3) Port	Scanning radio (6E UNII 5~8) Port
1	2	2	-	-	-
2	1	1	-	-	-
3	-	-	2	2	-
4	-	-	1	1	-
5	-	-	-	-	1
6	-	-	-	-	2

Note 1: <Antenna Gain>

Ant.	Gain (dBi)													
	2.4GHz	Scanning radio (2.4GHz)	WLAN 5GHz UNII 1~3				Scanning radio (5GHz UNII 1~3)				Scanning radio (6E UNII 5~8)			
			UNII1	UNII2A	UNII2C	UNII3	UNII1	UNII2A	UNII2C	UNII3	UNII1	UNII2A	UNII2C	UNII3
1	2.62	-	2.31	2.37	2.15	1.81	-	-	-	-	-	-	-	-
2	2.61	-	1.71	1.64	1.27	1.75	-	-	-	-	-	-	-	-
3	-	5.20	-	-	-	-	5.91	5.91	5.39	5.80	-	-	-	-
4	-	5.32	-	-	-	-	5.11	5.11	5.11	5.62	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	4.34	4.56	4.56	4.50
6	-	-	-	-	-	-	-	-	-	-	4.88	5.25	5.25	5.05

<Radio 1, 2 Directional Gain>

Directional Gain(dBi)							
Ant.	Radio	Item	WLAN 2.4GHz	WLAN 5GHz			
				UNII 1	UNII 2A	UNII 2C	UNII 3
1	1, 2	2T1S	4.72	4.87	4.3	3.39	3.69
2	1, 2	2T2S	2.62	2.31	2.37	2.15	1.81

<Radio 3 Directional Gain>

Type	Maximum Output Power	Power Spectral Density
Non-BF	Directional gain = Max.gain + array gain. For power measurements on IEEE 802.11 devices Array Gain = 0 dB (i.e., no array gain) for N ANT ≤ 4	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$
BF	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$



Ex.

Directional Gain (NSS1) formula :

$$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

$NSS1(g1,1) = 10^{G1/20}$; $NSS1(g1,2) = 10^{G2/20}$;

$g_{j,k} = (NSS1(g1,1) + NSS1(g1,2))^2$

$DG = 10 \log[(NSS1(g1,1) + NSS1(g1,2))^2 / N_{ANT}] \Rightarrow 10 \log[(10^{G1/20} + 10^{G2/20})^2 / N_{ANT}]$

Where ;

$G1 = 10$; $G2 = 10$;

2.4G $G1 = 5.20$ dBi; $G2 = 5.32$ dBi ; $DG = 8.27$ dBi

5G Band1 $G1 = 5.91$ dBi; $G2 = 5.11$ dBi; $DG = 8.53$ dBi

5G Band2 $G1 = 5.91$ dBi; $G2 = 5.11$ dBi; $DG = 8.53$ dBi

5G Band3 $G1 = 5.39$ dBi; $G2 = 5.11$ dBi; $DG = 8.26$ dBi

5G Band4 $G1 = 5.80$ dBi; $G2 = 5.62$ dBi; $DG = 8.72$ dBi

6G Band1 $G1 = 4.34$ dBi; $G2 = 4.88$ dBi; $DG = 7.62$ dBi

6G Band2 $G1 = 4.56$ dBi; $G2 = 5.25$ dBi; $DG = 7.92$ dBi

6G Band3 $G1 = 4.56$ dBi; $G2 = 5.25$ dBi; $DG = 7.92$ dBi

6G Band4 $G1 = 4.50$ dBi; $G2 = 5.05$ dBi; $DG = 7.79$ dBi

Note 2: The above information (except Radio 1, 2 gain) was declared by manufacturer.

Radio 1, 2: Maximum Directional Gain following KDB662911 D03.

Radio 3: Maximum Directional Gain following KDB662911 D01.

Note 3: The EUT has six antennas.

< Radio 1 >

For 2.4GHz:

For IEEE 802.11b/g/n/VHT/ax mode (1TX, 2TX/2RX):

For 1TX

The EUT supports the antenna with TX diversity functions.

Both Port 1 and Port 2 support transmit and receive functions, but only one of them will be used at one time.

The Port 1 generated the worst case, so it was selected to test and record in the report.

For 2TX/2RX

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

Port 1 and Port 2 could transmit/receive simultaneously.

< Radio 2 >

For 5GHz UNII 1~3:

For IEEE 802.11a/n/ac/ax mode (1TX, 2TX/2RX):

For 1TX

The EUT supports the antenna with TX diversity functions.

Both Port 1 and Port 2 support transmit and receive functions, but only one of them will be used at one time.

The Port 1 generated the worst case, so it was selected to test and record in the report.

For 2TX/2RX

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

Port 1 and Port 2 could transmit/receive simultaneously.

< Scanning radio 3 >

For 2.4GHz:

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

For 5GHz UNII 1~3:

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

For 6E UNII 5~8 (1TX, 2TX/2RX):

For 1TX

The EUT supports the antenna with TX diversity functions.

Both Port 1 and Port 2 support transmit and receive functions, but only one of them will be used at one time.

The Port 2 generated the worst case, so it was selected to test and record in the report.

For 2TX/2RX

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

Port 1 and Port 2 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

For Radio 1

For 1T1S

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11b	0.958	0.19	12.42m	100
802.11g	0.951	0.22	2.07m	1k
802.11ax HEW20	0.978	0.1	1.489m	1k
802.11ax HEW40	0.964	0.16	781.25u	3k

For 2T1S

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11b	0.957	0.19	12.424m	100
802.11g	0.952	0.21	2.07m	1k

For 2T2S

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ax HEW20	0.963	0.16	788.75u	3k
802.11ax HEW40	0.93	0.32	435u	3k

For Scanning radio 3

For 2T1S and 2T2S

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11b	0.999	0.01	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11g	0.988	0.05	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ax HEW20	0.966	0.15	30.004m	100
802.11ax HEW40	0.935	0.29	30.004m	100

Note:

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

**1.1.4 EUT Operational Condition**

EUT Power Type	From PoE		
Beamforming Function	☒	With beamforming	☐ Without beamforming
	The product has beamforming function for n/VHT/ax in 2.4GHz of radio 1, n/ac/ax in 5GHz UNII 1~UNII 3 of radio 2, and ax in 6GHz UNII 5~UNII 8 of radio 3.		
Function	☒	Point-to-multipoint	☐ Point-to-point
Test Software Version	accessMtool [version 3.2.1.0]		

Note: The above information was declared by manufacturer.

1.1.5 Table for Radio function

Radio	WLAN 2.4GHz	5GHz UNII 1~3	Scanning radio (WLAN 2.4GHz / 5GHz UNII 1~3 / 6E UNII 5~8)
1	V (AP, Bridge, Mesh)	-	-
2	-	V AP for UNII 1~3 Bridge, Mesh for UNII 1, 3	-
3	-	-	V (AP)

Note: The above information was declared by manufacturer.

1.1.6 Table for EUT support function

Function
AP
Bridge
Mesh

Note: For above table list, only AP mode was tested and recorded in this test.

Note: The above information was declared by manufacturer.



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 15.247
- ♦ 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 662911 D03 v01
- ♦ FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

Testing Location Information	
Test Lab. : Sporton International Inc. Hsinchu Laboratory	
Hsinchu (TAF: 3787)	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.) TEL: 886-3-656-9065 FAX: 886-3-656-9085 Test site Designation No. TW3787 with FCC. Conformity Assessment Body Identifier (CABID) TW3787 with ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH02-CB	Paul Chen	23.4~24 / 55~60	May 22, 2021~Jun. 29, 2021
Radiated below 1GHz	03CH03-CB	Gondor Hung	23.8-24.9 / 55-58	Jul. 19, 2022
Radiated above 1GHz (For other tests)	03CH02-CB	Kevin Huang	26.3~27.4 / 63~69	May 21, 2021~Jul. 14, 2021
Radiated above 1GHz (For co-location test)		Eddie Weng	22.8~23.7 / 55~57	Jun. 11, 2021
AC Conduction	CO02-CB	Dean Chang	23~24 / 53~55	Aug. 09, 2022

Note: The tested sample of the AC Conduction & Radiated below 1GHz test item was received on Jul. 12, 2022.



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 Date: Other Test Date

Test Items	Uncertainty	Remark
Radiated Emission (1GHz ~ 18GHz)	4.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	2.5 dB	Confidence levels of 95%
Output Power Measurement	1.3 dB	Confidence levels of 95%
Power Density Measurement	2.5 dB	Confidence levels of 95%
Bandwidth Measurement	0.9%	Confidence levels of 95%

Test Date: After May 31, 2022

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.6 dB	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

For Radio 1
1T1S

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	84
2417MHz	90
2437MHz	98
2457MHz	88
2462MHz	86
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	69
2417MHz	75
2437MHz	88
2457MHz	73
2462MHz	68
802.11ax HEW20_Nss1,(MCS0)_1TX	-
2412MHz	68
2417MHz	75
2437MHz	87
2457MHz	74
2462MHz	59
802.11ax HEW40_Nss1,(MCS0)_1TX	-
2422MHz	66
2437MHz	72
2452MHz	69

**2T1S**

	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	81
2417MHz	86
2437MHz	93
2462MHz	84
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	68
2417MHz	73
2437MHz	86
2457MHz	72
2462MHz	65

2T2S

Mode	Power Setting
802.11ax HEW20_Nss2,(MCS0)_2TX	-
2412MHz	68
2417MHz	73
2437MHz	83
2457MHz	71
2462MHz	67
802.11ax HEW40_Nss2,(MCS0)_2TX	-
2422MHz	64
2437MHz	72
2452MHz	66

**For Radio 3
2T1S and 2T2S**

Mode	Power Setting	Power Setting (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-
2412MHz	86	21.5
2437MHz	96	24
2457MHz	89	22.25
2462MHz	84	21
802.11g_Nss1,(6Mbps)_2TX	-	-
2412MHz	63	15.75
2417MHz	71	17.75
2437MHz	83	20.75
2457MHz	72	18
2462MHz	60	15
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-
2412MHz	65	16.25
2417MHz	69	17.25
2437MHz	83	20.75
2457MHz	67	16.75
2462MHz	60	15
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-
2422MHz	59	14.75
2437MHz	68	17
2452MHz	57	14.25

Note:

- ♦ Evaluated HEW20/HEW40 mode only, due to similar modulation.
The power setting of HT20/HT40/VHT20/VHT40 mode are the same or lower than HEW20/HEW40.

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 Test Voltage: 120Vac / 60Hz
Operating Mode	Normal Link
1	EUT_Radio 1 + Radio 2 + Radio 3 (2.4GHz) + PoE
2	EUT_Radio 1 + Radio 2 + Radio 3 (5GHz) + PoE
3	EUT_Radio 1 + Radio 2 + Radio 3 (6GHz) + PoE
For operating mode 3 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	DTS Bandwidth Maximum Conducted Output Power Power Spectral Density Emissions in Non-restricted Frequency Bands
1	Refer to note 1 for detail operating mode

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
1	EUT in Z axis_Radio 1 + Radio 2 + Radio 3 (2.4GHz) + PoE
2	EUT in Y axis_Radio 1 + Radio 2 + Radio 3 (2.4GHz) + PoE
3	EUT in X axis_Radio 1 + Radio 2 + Radio 3 (2.4GHz) + PoE
Mode 1 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4 and Mode 5 will follow this same test mode.	
4	EUT in Z axis_Radio 1 + Radio 2 + Radio 3 (5GHz) + PoE
5	EUT in Z axis_Radio 1 + Radio 2 + Radio 3 (6GHz) + PoE
For operating mode 4 is the worst case and it was record in this test report.	

Operating Mode > 1GHz	CTX
	1. For Radio 1 / 1T1S The EUT was performed at X axis, Y axis and Z axis position and the harmonic worst case was found at Z axis and the bandedge worst case was found at Y axis. So the measurement will follow this same test configuration.
	2. For Radio 2 / 2T1S and 2T2S The EUT was performed at X axis, Y axis and Z axis and the worst case was found at Z axis. So the measurement will follow this same test configuration.
	3. For Scanning radio 3 / 2T1S and 2T2S The EUT was performed at X axis, Y axis and Z axis and the worst case was found at Y axis. So the measurement will follow this same test configuration.
	4. Refer to note 1 for detail operating mode
1	Radio 1_1T1S_EUT in Z axis for harmonic and EUT in Y axis for bandedge
2	Radio 1_2T1S_EUT in Z axis
3	Radio 1_2T2S_EUT in Z axis
4	Scanning radio 3_2T1S_EUT in Y axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
	The EUT was performed at X axis, Y axis and Z axis and the worst case was found at Z axis. So the measurement will follow this same test configuration.
1	EUT in Z axis_Radio 1_2.4GHz + Radio 2_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	Radio 1_2.4GHz + Radio 2_5GHz + Scanning radio 3_2.4GHz
2	Radio 1_2.4GHz + Radio 2_5GHz + Scanning radio 3_5GHz
3	Radio 1_2.4GHz + Radio 2_5GHz + Scanning radio 3_6E
Refer to Sporton Test Report No.: FA151220-19 for Co-location RF Exposure Evaluation.	



Note 1: Test Mode

Test Item	Test Mode								
	802.11b			802.11g			802.11ax HEW20/40		
	1T1S	CDD 2T1S	CDD 2T2S	1T1S	CDD 2T1S	CDD 2T2S	CDD 1T1S	CDD 2T1S	CDD 2T2S
Maximum Conducted Output Power	V	V	-	V	V	-	V	Note 2	V
DTS Bandwidth	V	V	-	V	V	-	V	Note 2	V
Power Spectral Density	V	V	-	V	V	-	V	Note 2	V
Emissions in Non-restricted Frequency Bands	V	V	-	V	V	-	V	Note 2	V
Radiated Emission	V	V	-	V	V	-	V	Note 2	V
Band Edge Emission	V	V	-	V	V	-	V	Note 2	V

Note 2: 802.11ax HEW20/40 2T1S CDD mode was covered by 802.11ax HEW20/40 2T2S, due to
 $2T1S = \min(2T2S, (2T2S - (10 \cdot \log(2/1) - 2T2S \text{ (worst case of PSD/BE/Harmonic) MARGIN})))$.

Note 3: The PoE is for measurement only, would not be marketed.

PoE information as below:

Power	Brand	Model
PoE	Microsemi	PD-9001-10GC/AC

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories
Cradle*1



2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	ETH0/PoE+ NB	DELL	E6430	N/A
B	ETH1 NB	DELL	E6430	N/A
C	2.4G NB	DELL	E6430	N/A
D	5G NB	DELL	E6430	N/A
E	R3(2.4G/5G/6E) NB	DELL	E6430	N/A
F	PoE	Microsemi	PD-9001-10GC/AC	N/A
G	Flash disk3.0	Transcend	JetFlash-700	N/A

For Radiated (below 1GHz):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE	Microsemi	PD-9001-10GC/AC	N/A
B	Lan Notebook	DELL	OPTIPLEX 3010	N/A
C	WAN Notebook	DELL	OPTIPLEX 3010	N/A
D	2.4G WiFi Notebook	DELL	OPTIPLEX 3010	N/A
E	5G WiFi Notebook	DELL	OPTIPLEX 3010	N/A
F	6E WiFi Notebook	DELL	OPTIPLEX 3010	N/A
G	Flash disk3.0	Silicon Power	B06	N/A

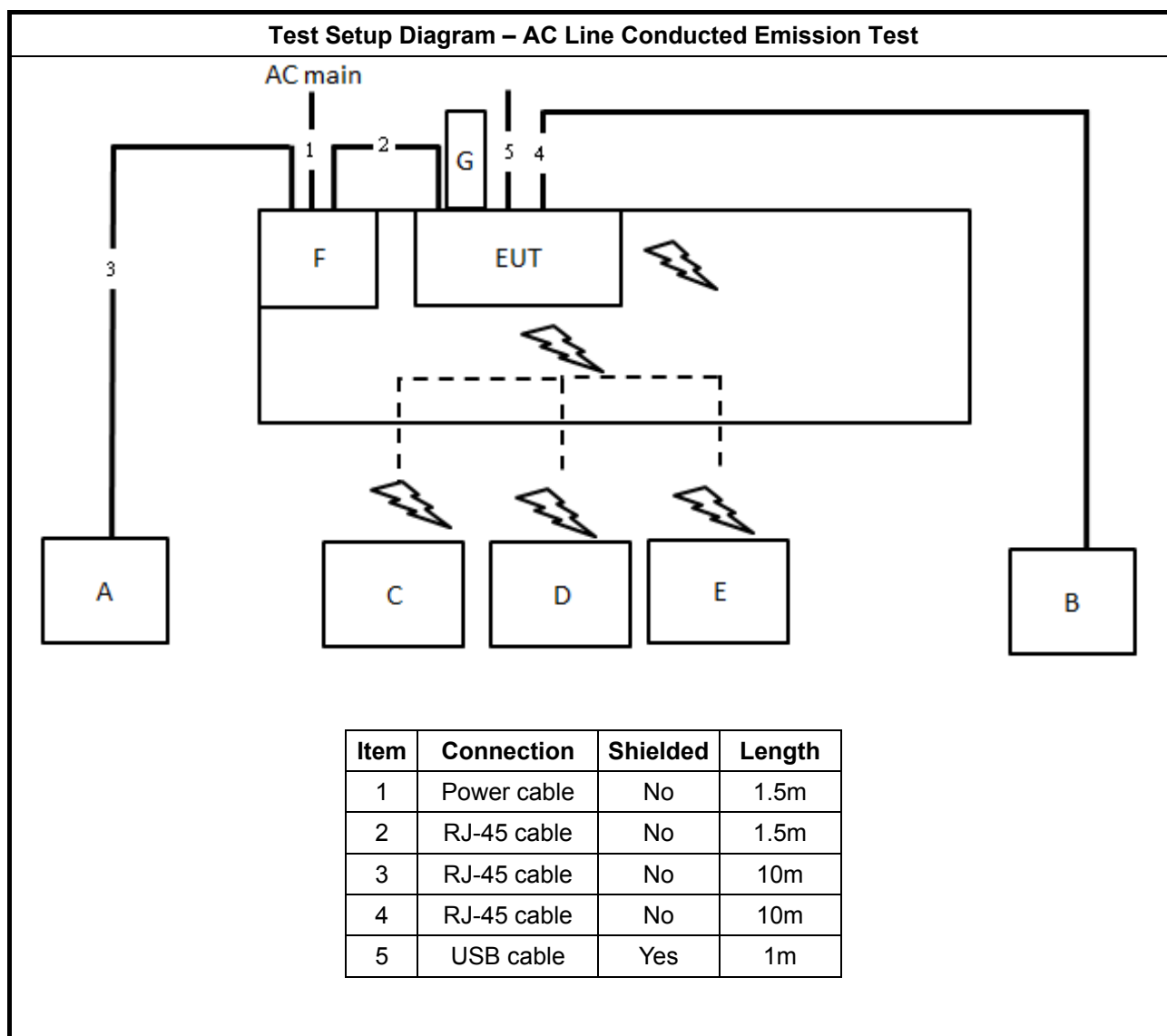
For Radiated (above 1GHz):

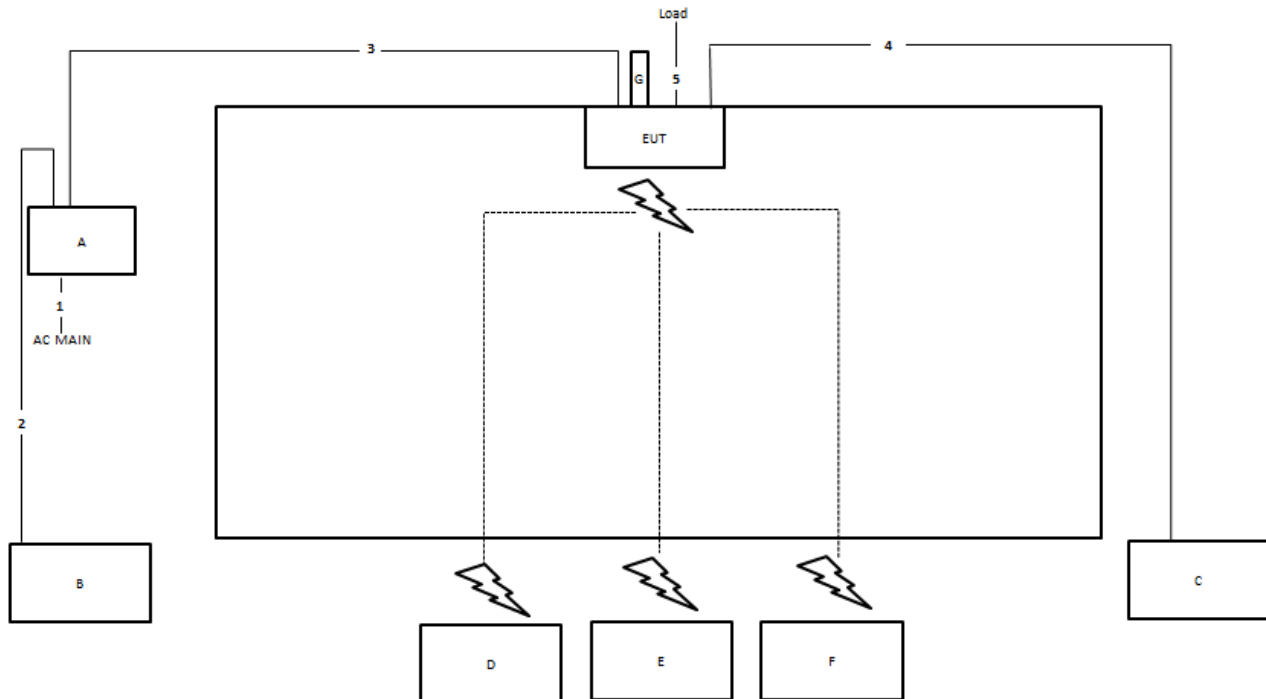
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	PoE	Microsemi	PD-9001-10GC/AC	N/A

For RF Conducted:

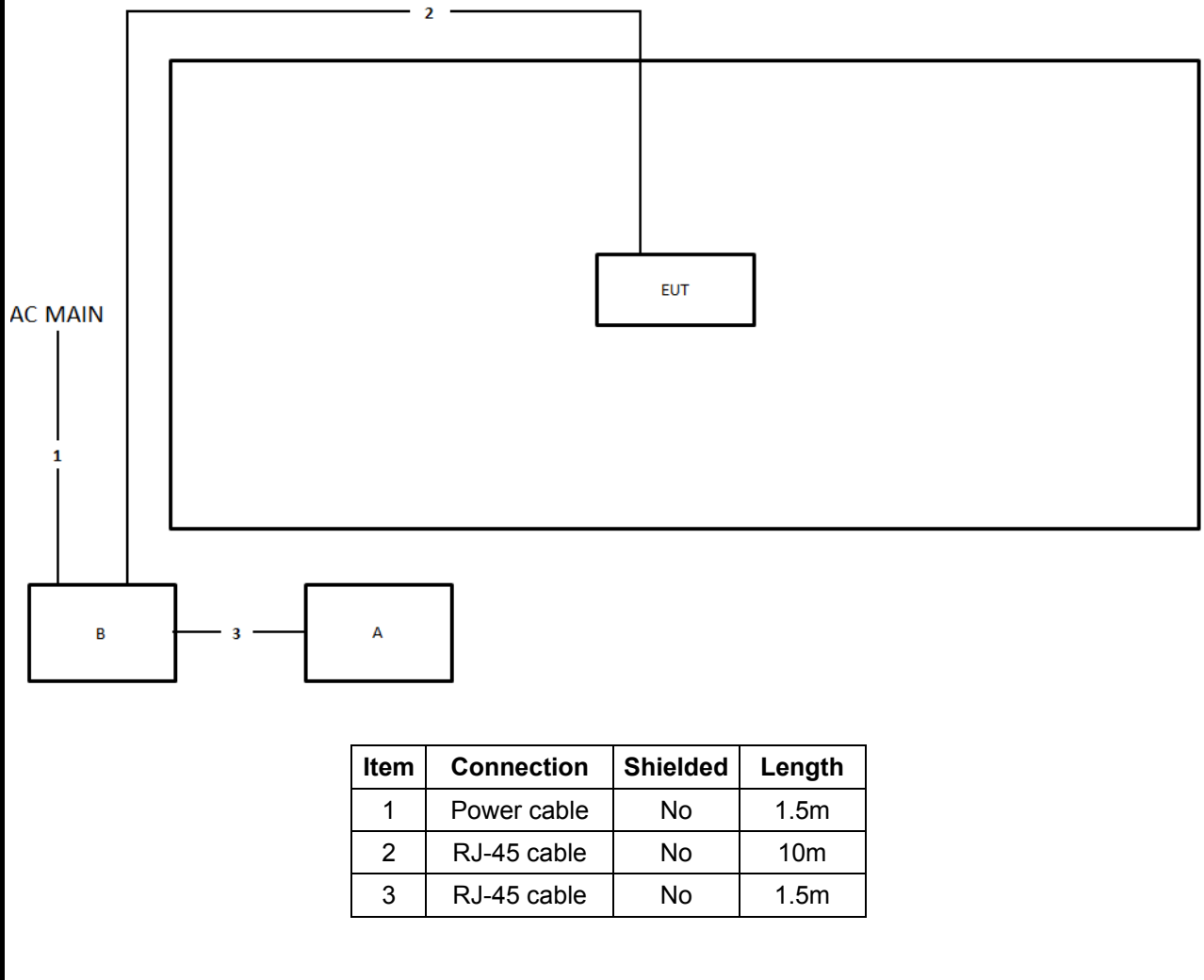
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	PoE	Microsemi	PD-9001-10GC/AC	N/A

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test < 1GHz


Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m
4	RJ-45 cable	No	10m
5	USB cable	Yes	0.5m

Test Setup Diagram - Radiated Test > 1GHz




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.

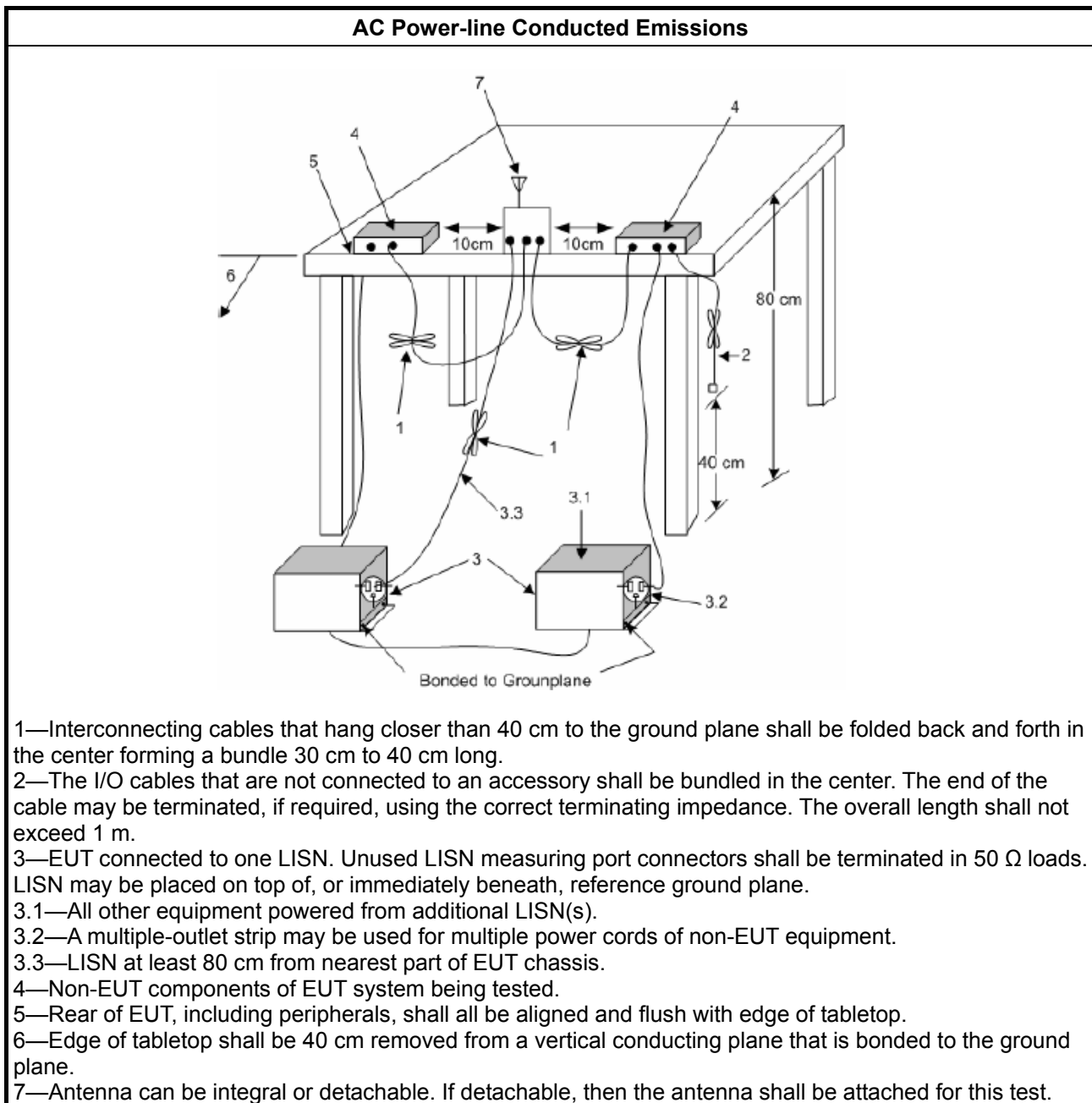
3.1.2 Measuring Instruments

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.

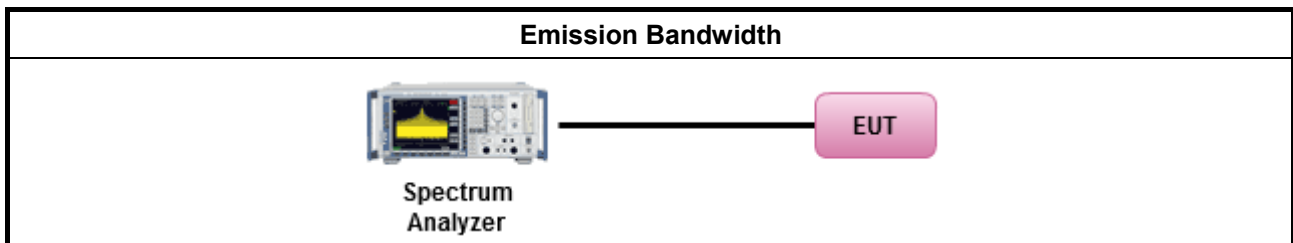
3.2.2 Measuring Instruments

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.		

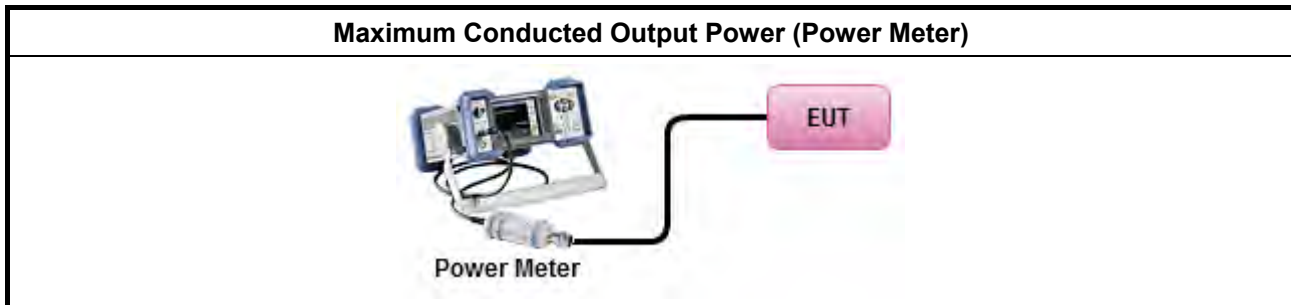
3.3.2 Measuring Instruments

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 ≥ EBW method).
☐	Refer as FCC KDB 558074, clause 8.3.1.3 & C63.10 clause 11.9.1.3 (peak power meter).
Maximum Conducted Output Power	
[duty cycle ≥ 98% or external video / power trigger]	
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.2 Method AVGSA-1.
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.3 Method AVGSA-1A. (alternative)
duty cycle < 98% and average over on/off periods with duty factor	
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.4 Method AVGSA-2.
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.5 Method AVGSA-2A (alternative)
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.6 Method AVGSA-3
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.7 Method AVGSA-3A (alternative)
Measurement using a power meter (PM)	
☐	Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.1 Method AVGPM (using an RF average power meter).
☒	Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.2 Method AVGPM-G (using an gate RF average power meter).
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.	
If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$	

3.3.4 Test Setup



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

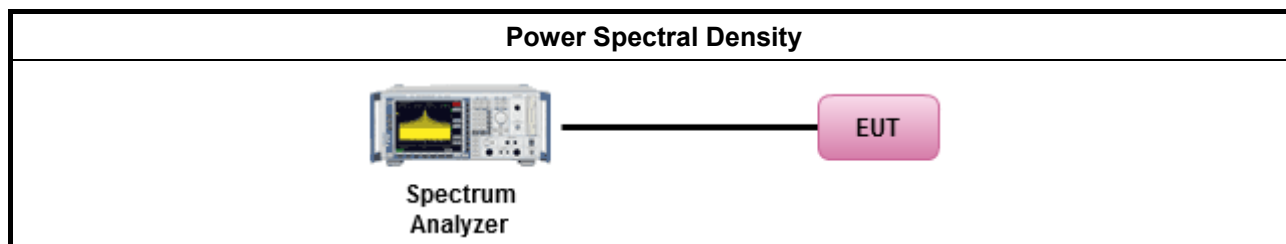
3.4.2 Measuring Instruments

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.	

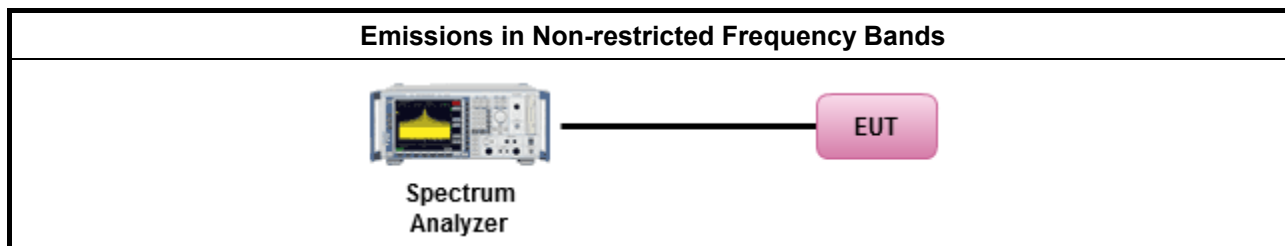
3.5.2 Measuring Instruments

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

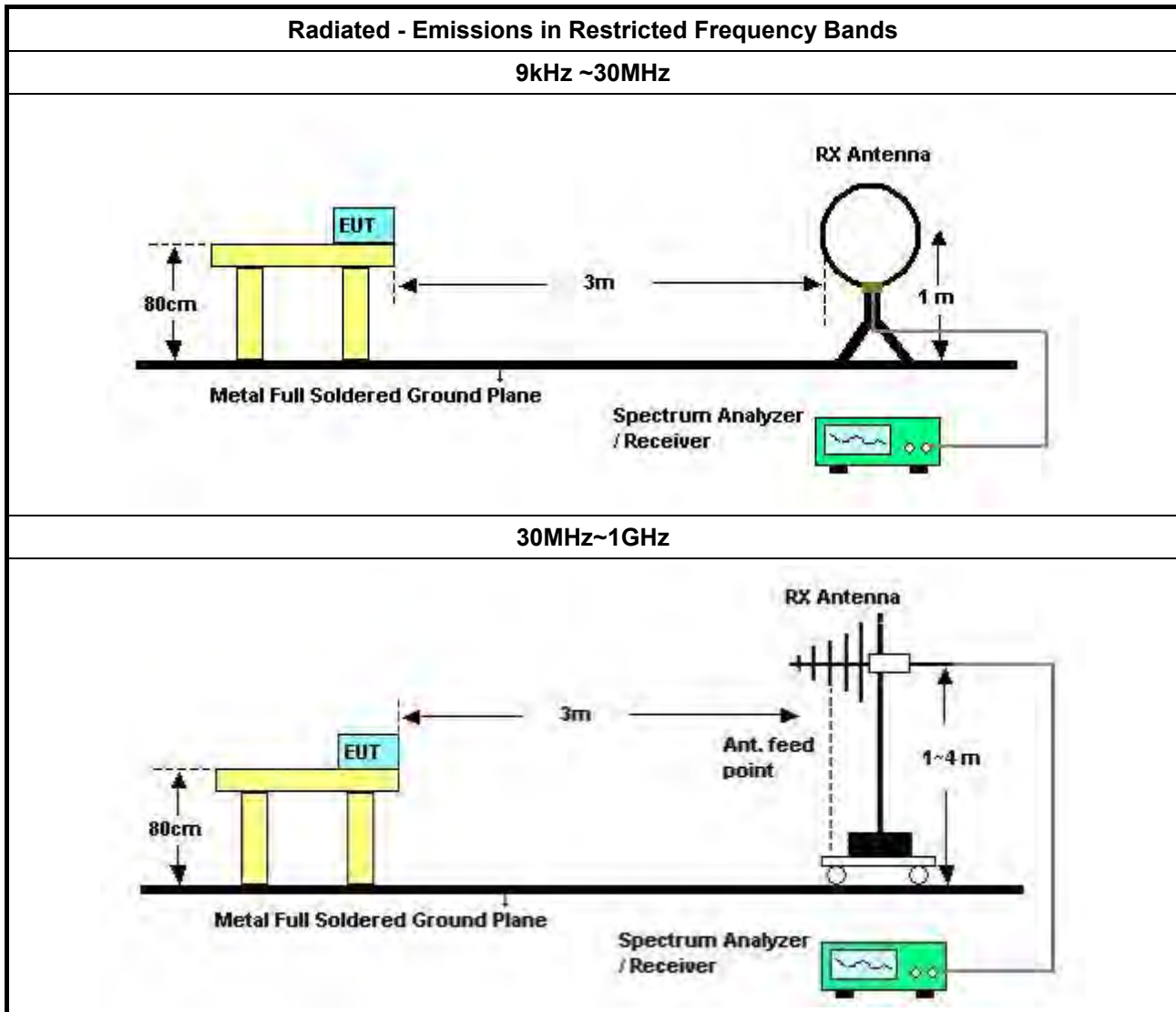
Refer a test equipment and calibration data table in this test report.

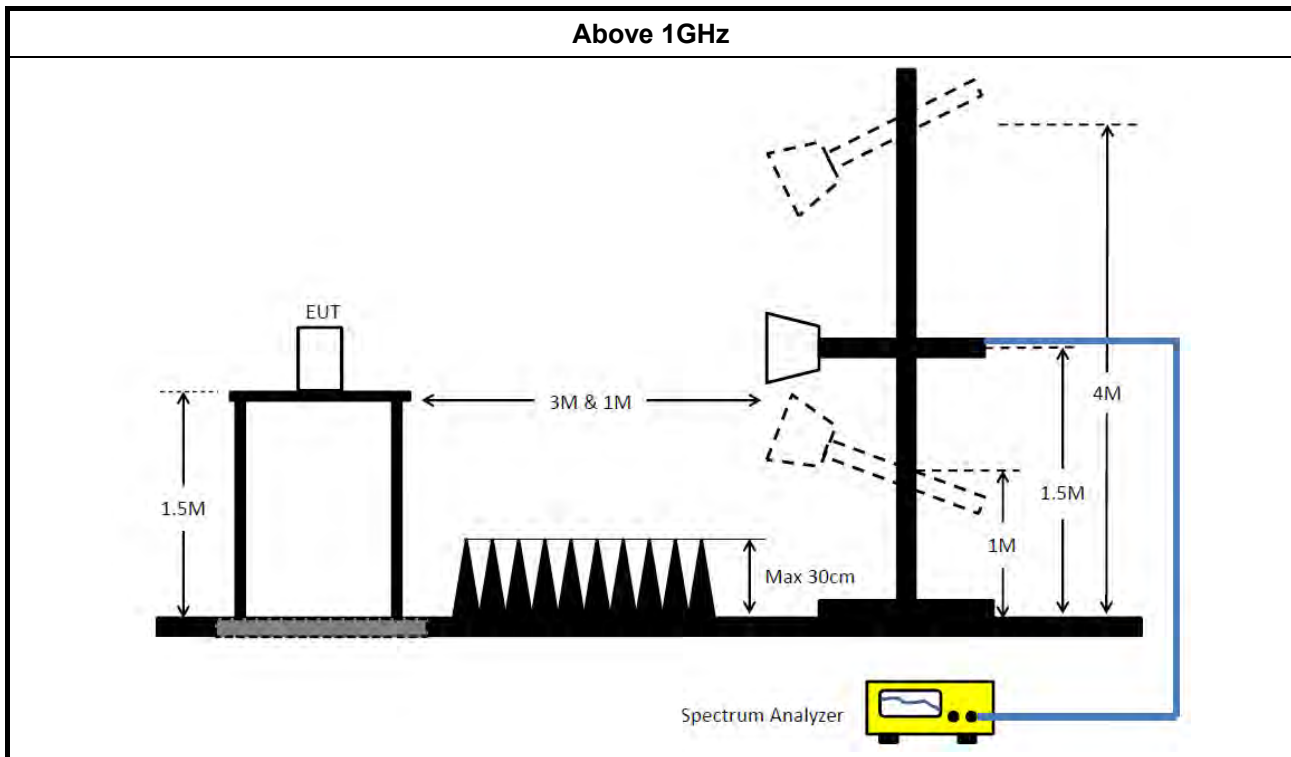


3.6.3 Test Procedures

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
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Jan. 07, 2022	Jan. 06, 2023	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Dec. 22, 2021	Dec. 21, 2022	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	May 06, 2022	May 05, 2023	Conduction (CO02-CB)
COND Cable	Woken	Cable	2	0.15MHz ~ 30MHz	Oct. 19, 2021	Oct. 18, 2022	Conduction (CO02-CB)
Pulse Limiter	Schwarzbeck	VTSD 9561F-N	00378	9kHz ~ 30MHz	Mar. 18, 2022	Mar. 17, 2023	Conduction (CO02-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO02-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	May 14, 2022	May 13, 2023	Radiation (03CH03-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH03-CB	30 MHz ~ 1 GHz	Jan. 26, 2022	Jan. 25, 2023	Radiation (03CH03-CB)
Bilog Antenna with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	2928 & AT-N0608	20MHz ~ 2GHz	Feb. 21, 2022	Feb. 20, 2023	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8447D	2944A10259	9kHz ~ 1.3GHz	Jan. 10, 2022	Jan. 09, 2023	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 10, 2022	Jun. 09, 2023	Radiation (03CH03-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 17, 2022	Jun. 16, 2023	Radiation (03CH03-CB)
RF Cable-low	Woken	RG402	Low Cable-02+29	30MHz ~ 1GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz 3m	Mar. 27, 2021	Mar. 26, 2022	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	May 04, 2021	May 03, 2022	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 13, 2020	Jul. 12, 2021	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 12, 2021	Jul. 11, 2022	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 20, 2021	May 19, 2022	Radiation (03CH02-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Spectrum analyzer	R&S	FSU	100015	9kHz~26GHz	Oct. 15, 2020	Oct. 14, 2021	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-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.

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



Conducted Emissions at Powerline

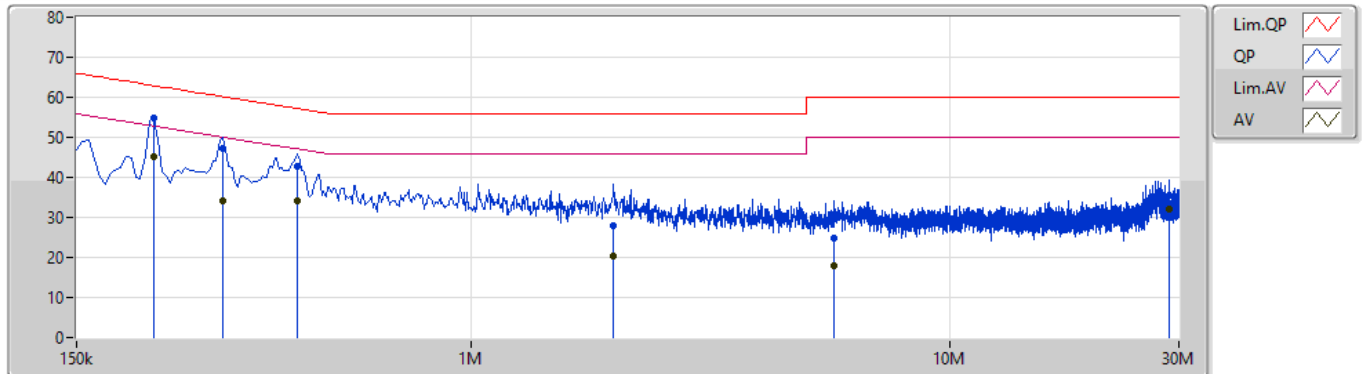
Appendix A

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 3	Pass	QP	217.5k	55.22	62.92	-7.70	Neutral

Mode 3

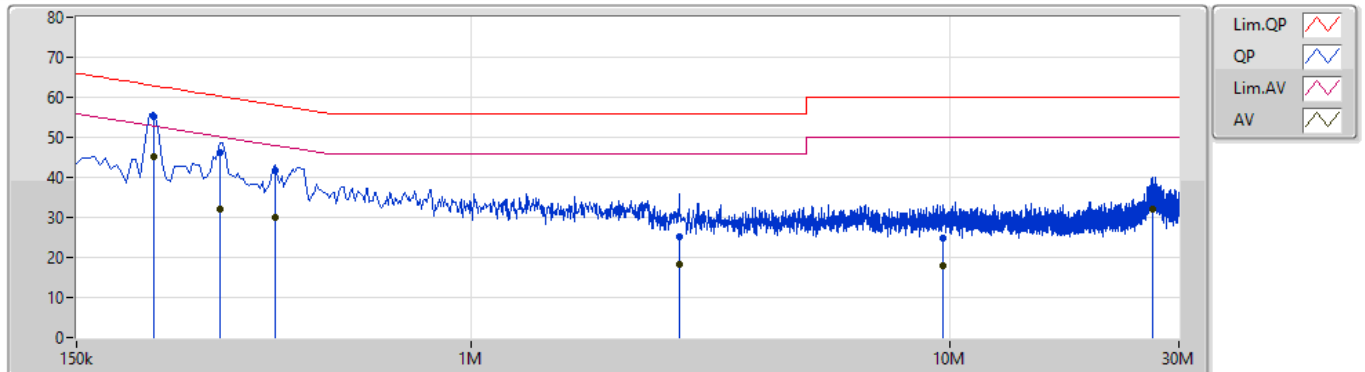
09/08/2022



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	217.5k	54.91	62.92	-8.01	9.99	Line	-	44.92	0.06	0.04	9.89			
AV	217.5k	45.19	52.92	-7.73	9.99	Line	"Worst"	35.20	0.06	0.04	9.89			
QP	303k	47.09	60.17	-13.08	10.00	Line	-	37.09	0.06	0.05	9.89			
AV	303k	34.09	50.17	-16.08	10.00	Line	-	24.09	0.06	0.05	9.89			
QP	433.5k	42.82	57.19	-14.37	10.01	Line	-	32.81	0.06	0.06	9.89			
AV	433.5k	34.25	47.19	-12.94	10.01	Line	-	24.24	0.06	0.06	9.89			
QP	1.982M	28.10	56.00	-27.90	10.07	Line	-	18.03	0.09	0.09	9.89			
AV	1.982M	20.35	46.00	-25.65	10.07	Line	-	10.28	0.09	0.09	9.89			
QP	5.712M	24.88	60.00	-35.12	10.18	Line	-	14.70	0.16	0.12	9.90			
AV	5.712M	17.85	50.00	-32.15	10.18	Line	-	7.67	0.16	0.12	9.90			
QP	28.689M	35.52	60.00	-24.48	10.73	Line	-	24.79	0.39	0.33	10.01			
AV	28.689M	31.95	50.00	-18.05	10.73	Line	-	21.22	0.39	0.33	10.01			

Mode 3

09/08/2022



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	217.5k	55.22	62.92	-7.70	10.00	Neutral	"Worst"	45.22	0.07	0.04	9.89			
AV	217.5k	45.07	52.92	-7.85	10.00	Neutral	-	35.07	0.07	0.04	9.89			
QP	298.5k	46.11	60.28	-14.17	10.01	Neutral	-	36.10	0.07	0.05	9.89			
AV	298.5k	31.90	50.28	-18.38	10.01	Neutral	-	21.89	0.07	0.05	9.89			
QP	388.5k	41.76	58.10	-16.34	10.02	Neutral	-	31.74	0.07	0.06	9.89			
AV	388.5k	30.13	48.10	-17.97	10.02	Neutral	-	20.11	0.07	0.06	9.89			
QP	2.72M	25.13	56.00	-30.87	10.09	Neutral	-	15.04	0.11	0.09	9.89			
AV	2.72M	18.13	46.00	-27.87	10.09	Neutral	-	8.04	0.11	0.09	9.89			
QP	9.65M	24.97	60.00	-35.03	10.31	Neutral	-	14.66	0.24	0.16	9.91			
AV	9.65M	17.98	50.00	-32.02	10.31	Neutral	-	7.67	0.24	0.16	9.91			
QP	26.484M	37.49	60.00	-22.51	10.60	Neutral	-	26.89	0.31	0.30	9.99			
AV	26.484M	31.91	50.00	-18.09	10.60	Neutral	-	21.31	0.31	0.30	9.99			

**For Radio 1 / 1T1S
Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	7.05M	12.619M	12M6G1D	6.975M	10.195M
802.11g_Nss1,(6Mbps)_1TX	16.35M	17.641M	17M6D1D	16.325M	16.742M
802.11ax HEW20_Nss1,(MCS0)_1TX	18.95M	19.39M	19M4D1D	18.925M	19.015M
802.11ax HEW40_Nss1,(MCS0)_1TX	37.4M	37.581M	37M6D1D	37.35M	37.481M

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;

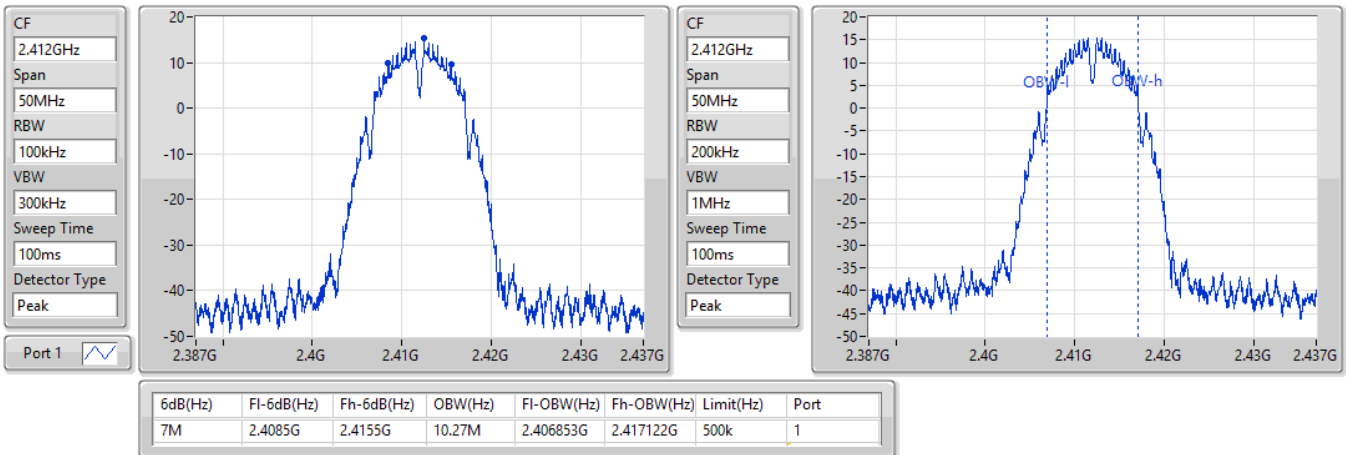
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	7M	10.27M
2437MHz	Pass	500k	7.05M	12.619M
2462MHz	Pass	500k	6.975M	10.195M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	16.35M	16.767M
2437MHz	Pass	500k	16.325M	17.641M
2462MHz	Pass	500k	16.35M	16.742M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	18.95M	19.015M
2437MHz	Pass	500k	18.925M	19.39M
2462MHz	Pass	500k	18.95M	19.015M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
2422MHz	Pass	500k	37.4M	37.581M
2437MHz	Pass	500k	37.35M	37.581M
2452MHz	Pass	500k	37.4M	37.481M

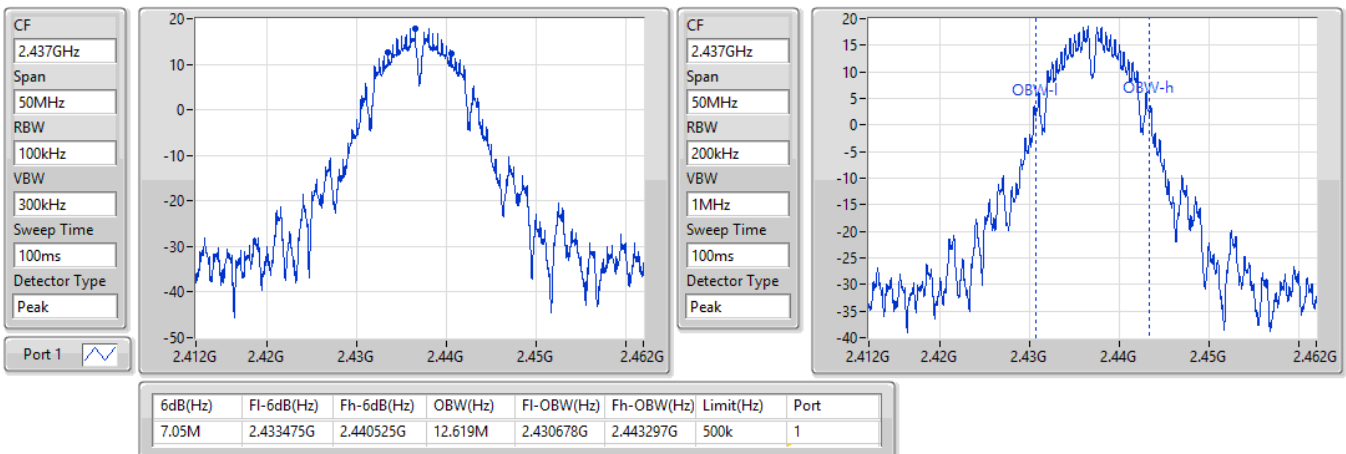
Port X-N dB = Port X 6dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

802.11b_Nss1,(1Mbps)_1TX
EBW
2412MHz

15/06/2021


802.11b_Nss1,(1Mbps)_1TX
EBW
2437MHz

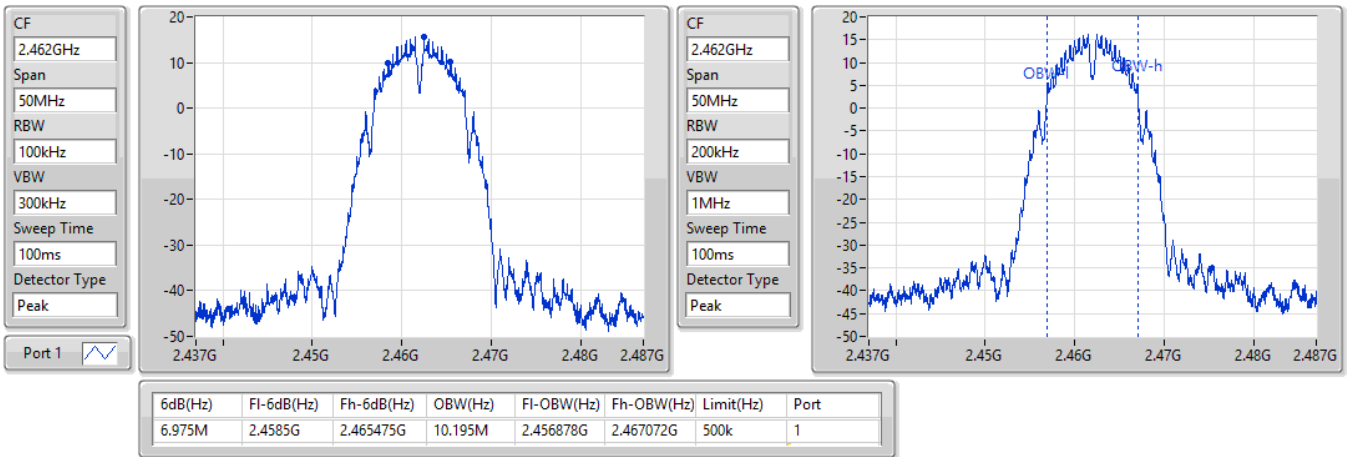
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802.11b_Nss1,(1Mbps)_1TX

EBW
2462MHz

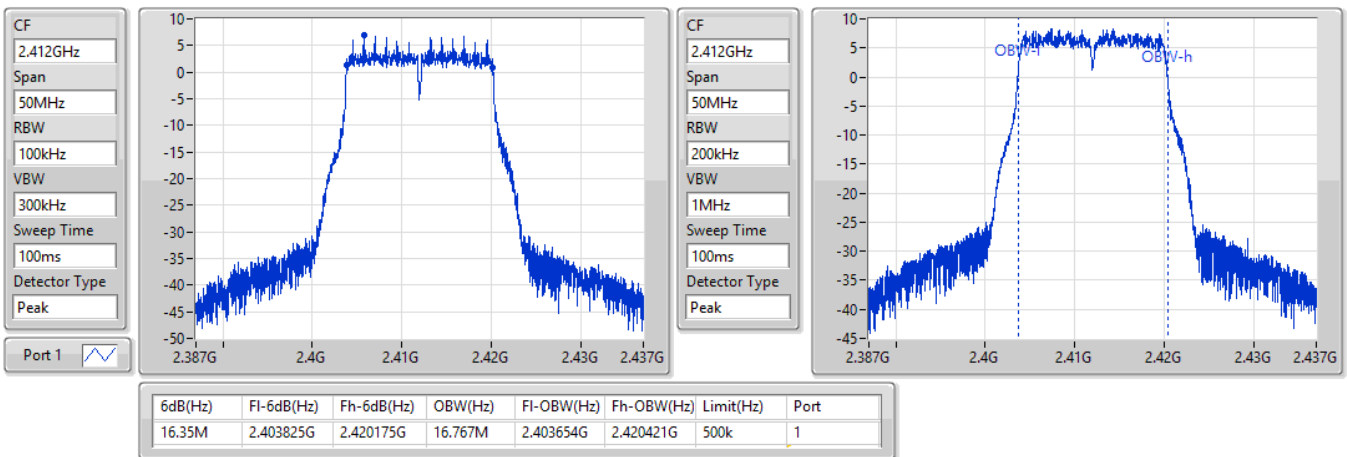
15/06/2021



802.11g_Nss1,(6Mbps)_1TX

EBW
2412MHz

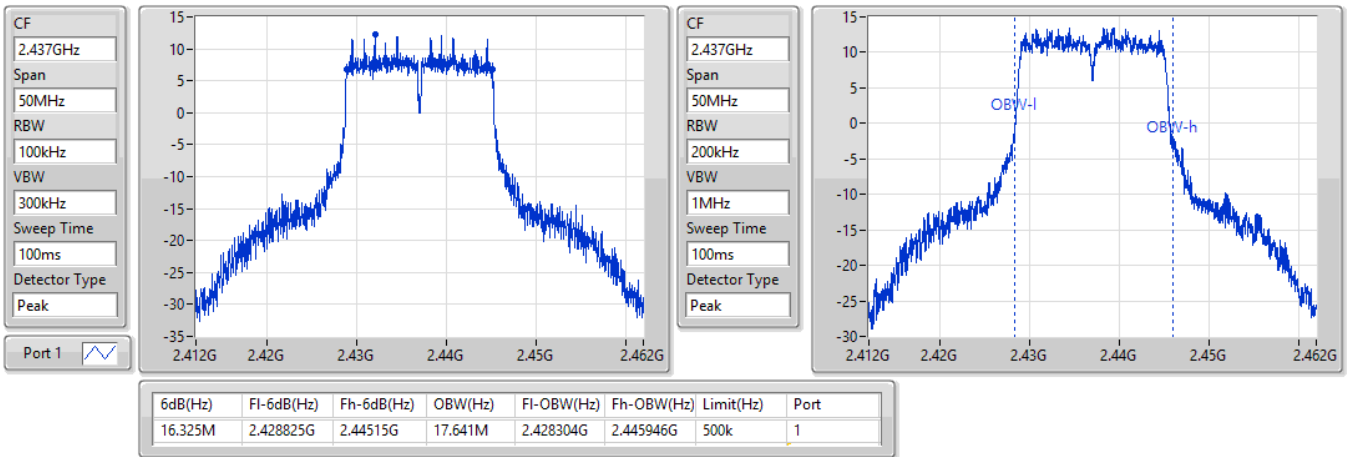
15/06/2021



802.11g_Nss1,(6Mbps)_1TX

EBW
2437MHz

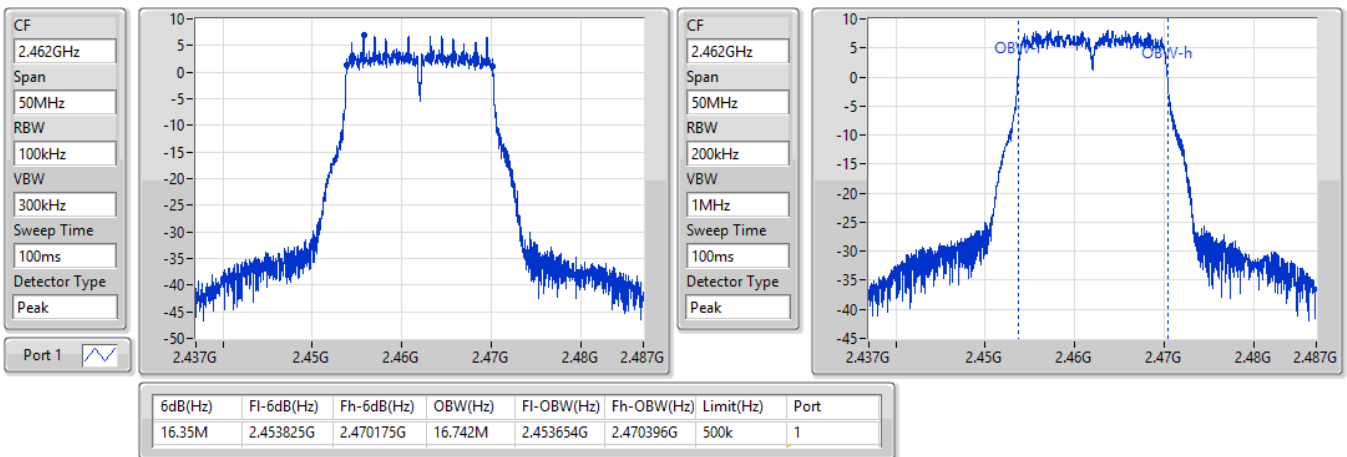
15/06/2021



802.11g_Nss1,(6Mbps)_1TX

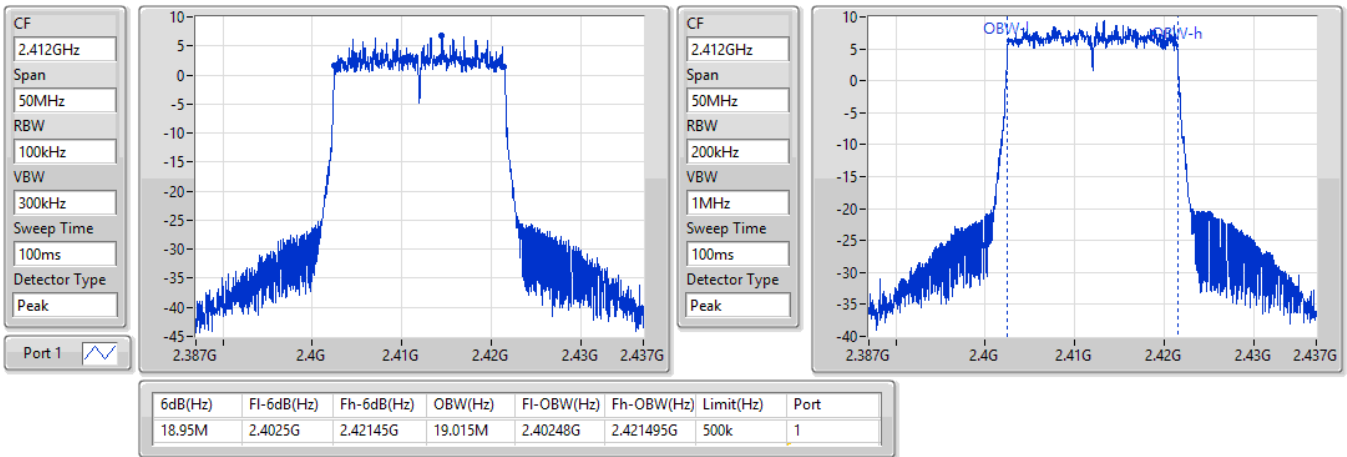
EBW
2462MHz

15/06/2021

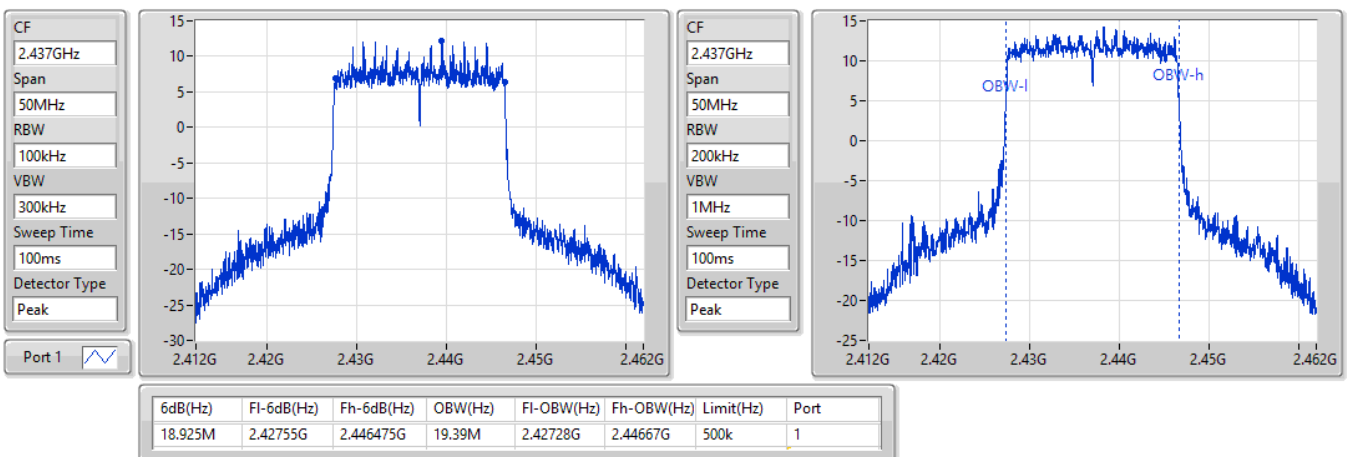


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
2412MHz

15/06/2021

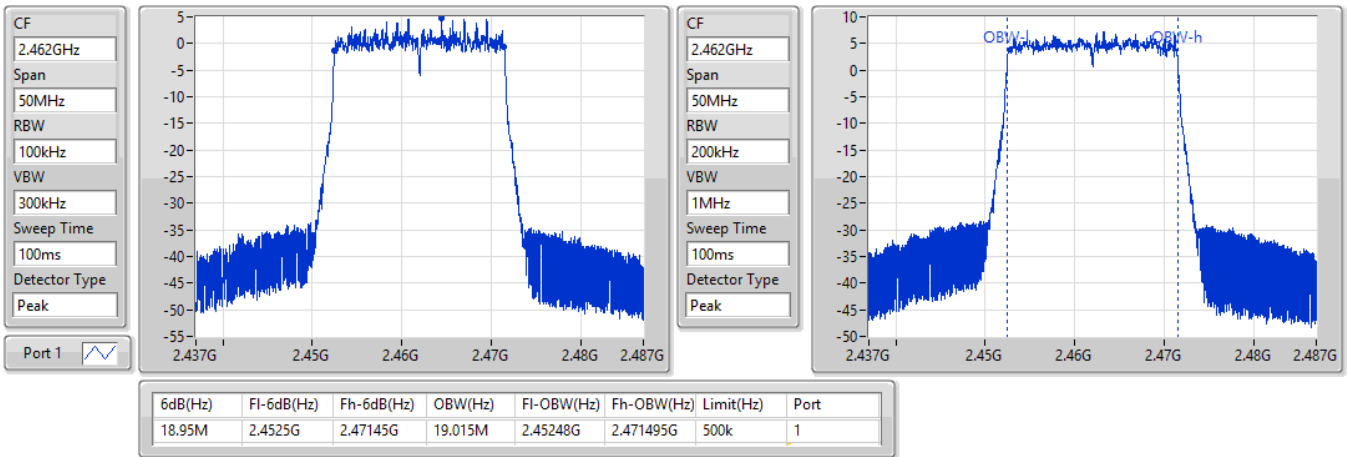

802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
2437MHz

15/06/2021

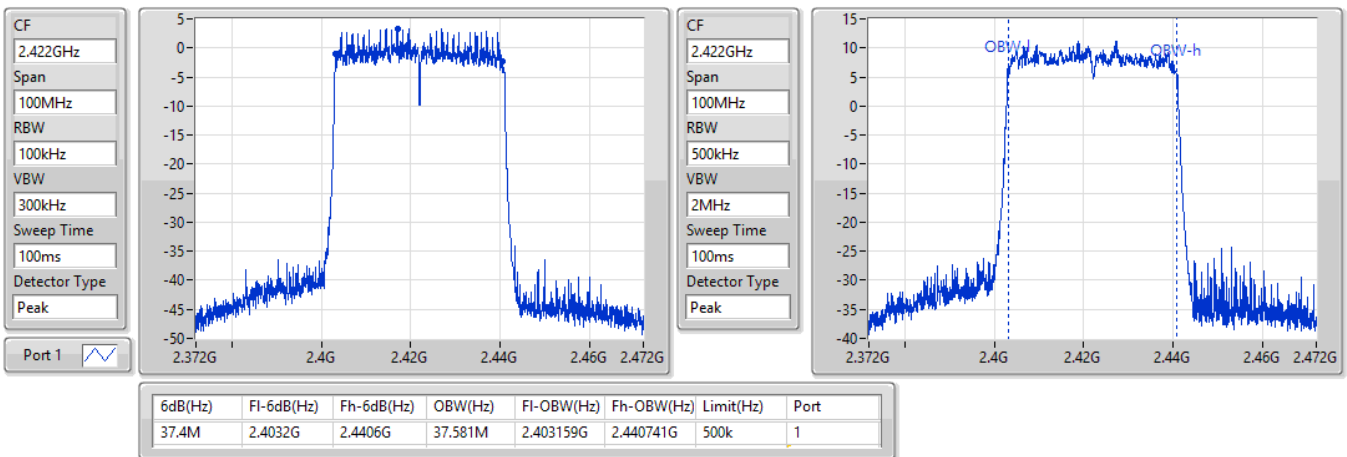


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
2462MHz

15/06/2021

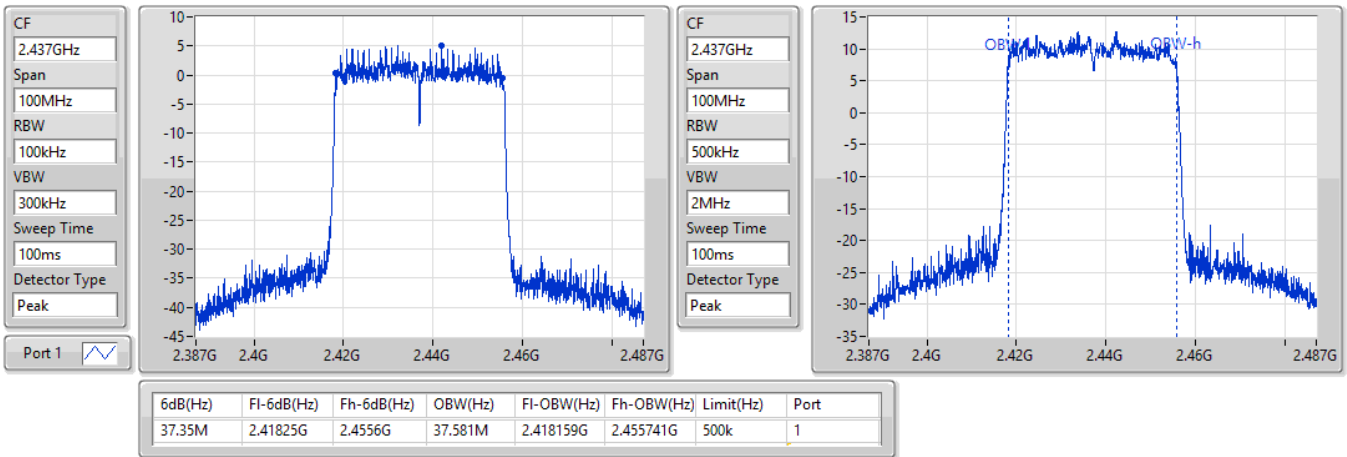

802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
2422MHz

15/06/2021

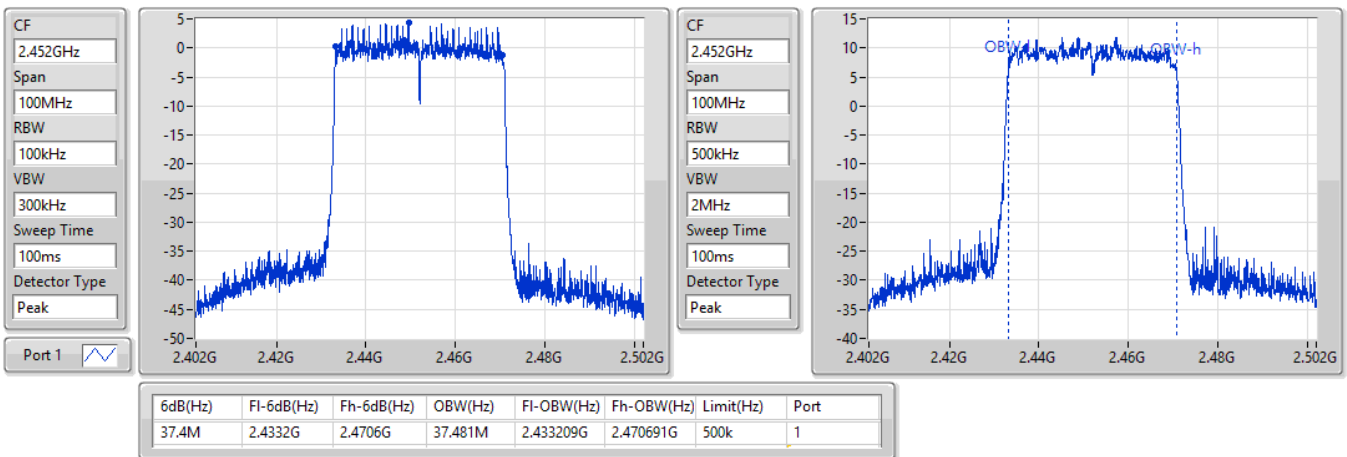


802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
2437MHz

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802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
2452MHz

15/06/2021



**For 2T1S
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	7.075M	11.819M	11M8G1D	6.575M	10.145M
802.11g_Nss1,(6Mbps)_2TX	16.35M	17.616M	17M6D1D	16.325M	16.667M

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;

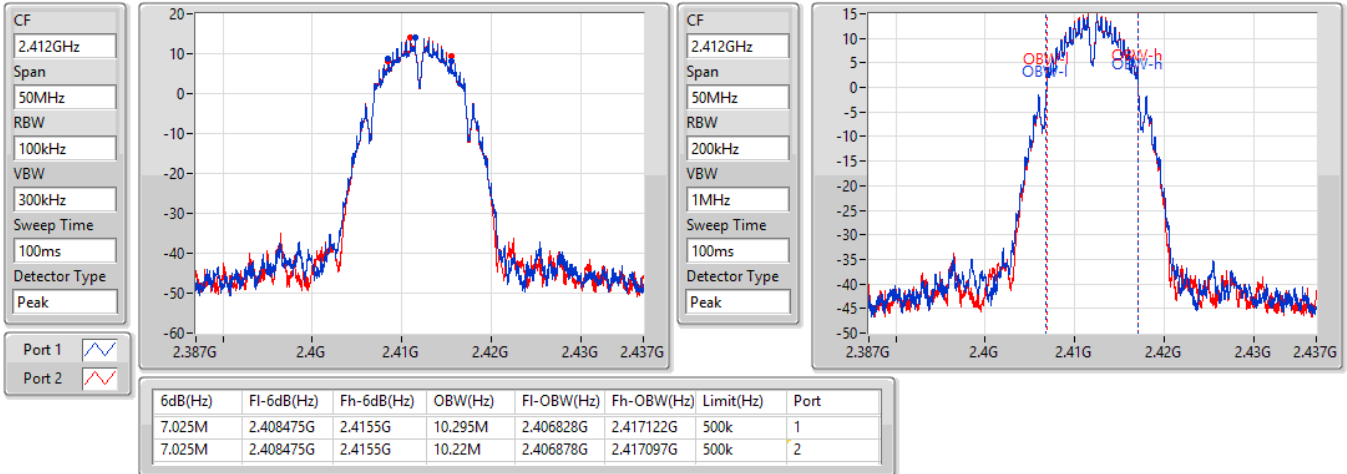
Result

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	7.025M	10.295M	7.025M	10.22M
2437MHz	Pass	500k	7M	11.819M	6.575M	11.819M
2462MHz	Pass	500k	7.075M	10.57M	7.05M	10.145M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.325M	16.742M	16.35M	16.667M
2437MHz	Pass	500k	16.325M	17.616M	16.35M	17.391M
2462MHz	Pass	500k	16.325M	16.742M	16.325M	16.667M

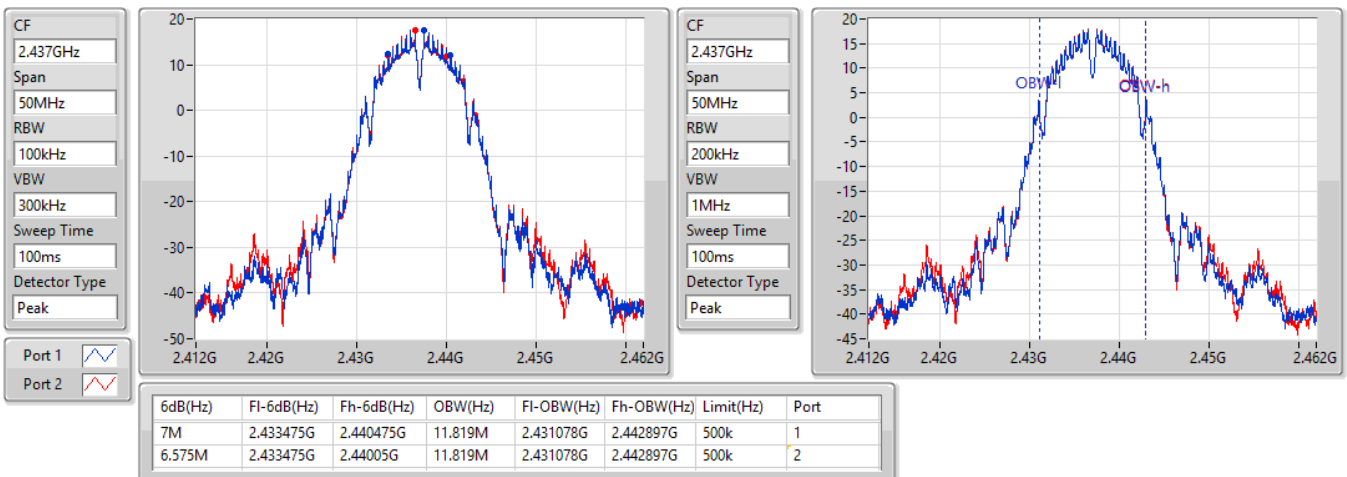
Port X-N dB = Port X 6dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

802.11b_Nss1,(1Mbps)_2TX
EBW
2412MHz

15/06/2021


802.11b_Nss1,(1Mbps)_2TX
EBW
2437MHz

15/06/2021

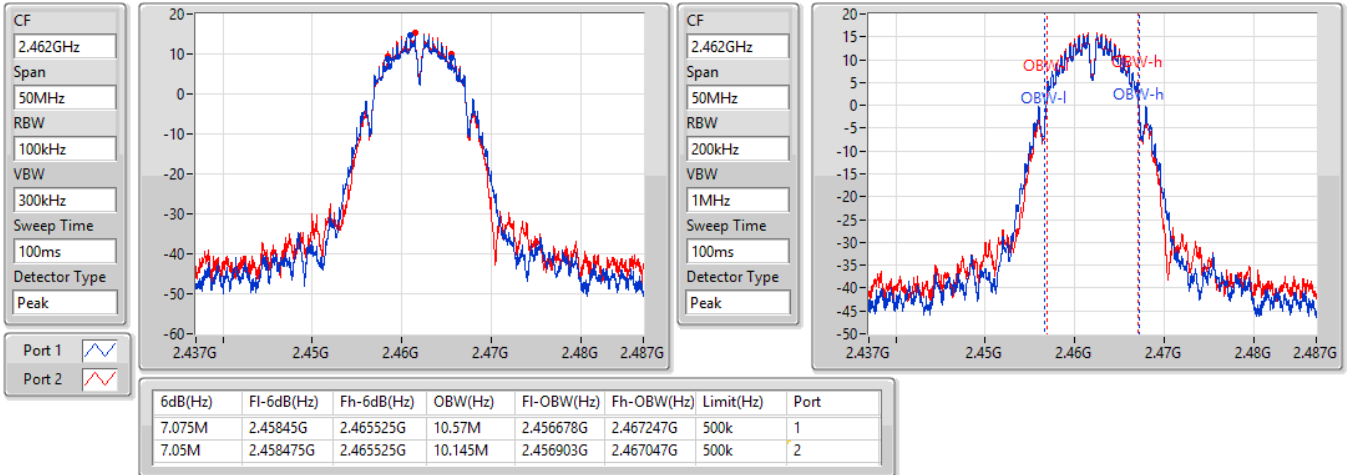


802.11b_Nss1,(1Mbps)_2TX

EBW

2462MHz

15/06/2021

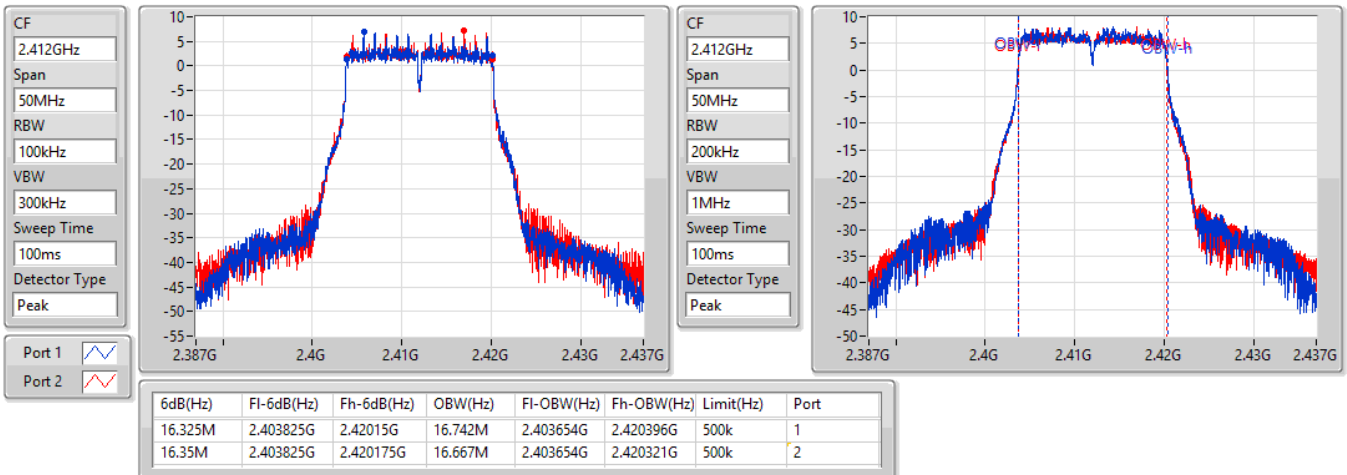


802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

15/06/2021

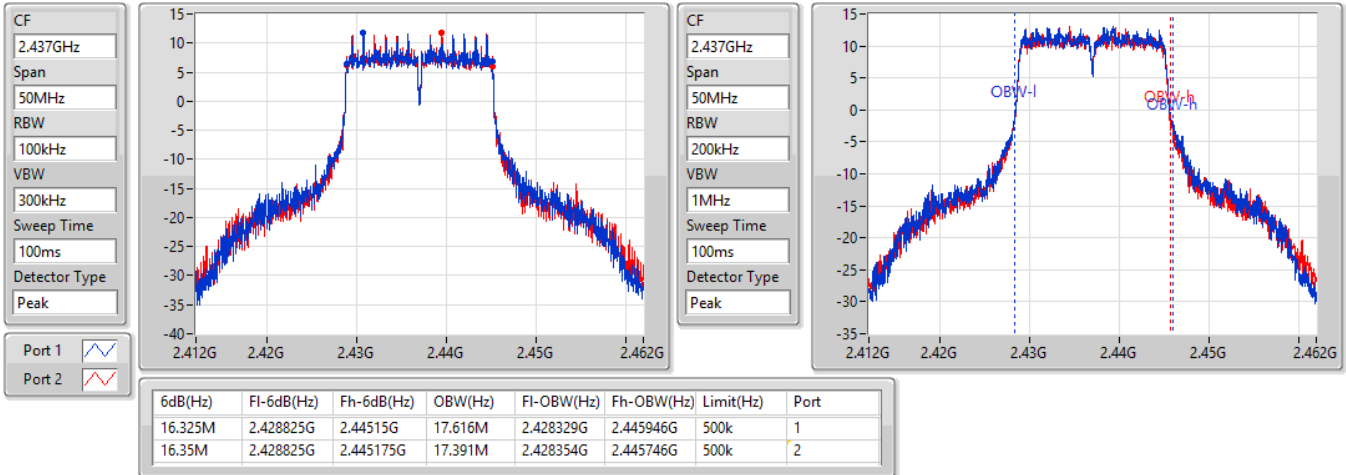


802.11g_Nss1,(6Mbps)_2TX

EBW

2437MHz

15/06/2021

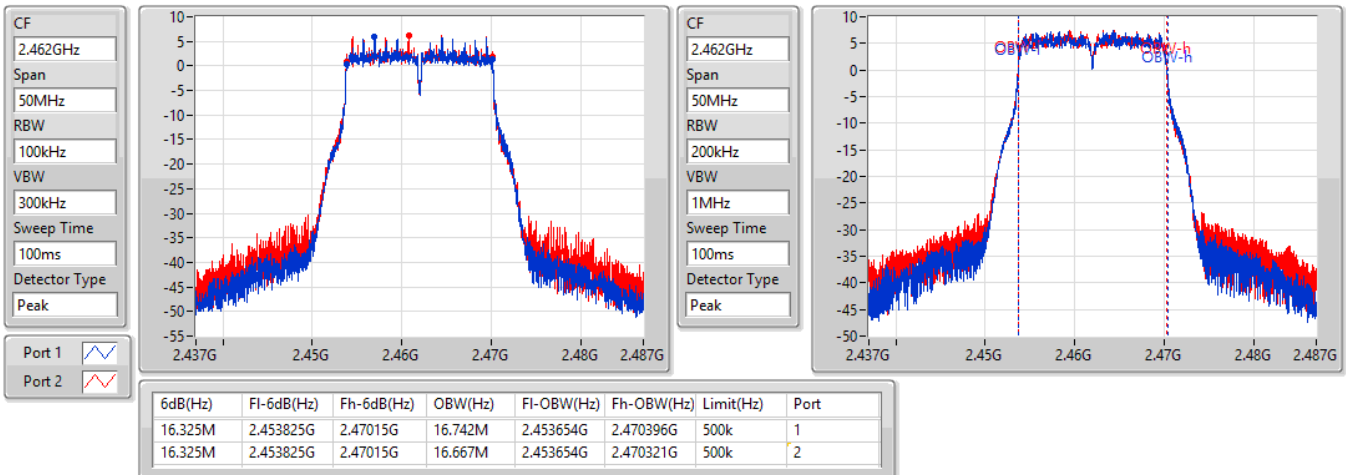


802.11g_Nss1,(6Mbps)_2TX

EBW

2462MHz

15/06/2021



**For 2T2S
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_Nss2,(MCS0)_2TX	19M	19.215M	19M2D1D	18.95M	19.015M
802.11ax HEW40_Nss2,(MCS0)_2TX	37.55M	37.581M	37M6D1D	37.05M	37.481M

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;

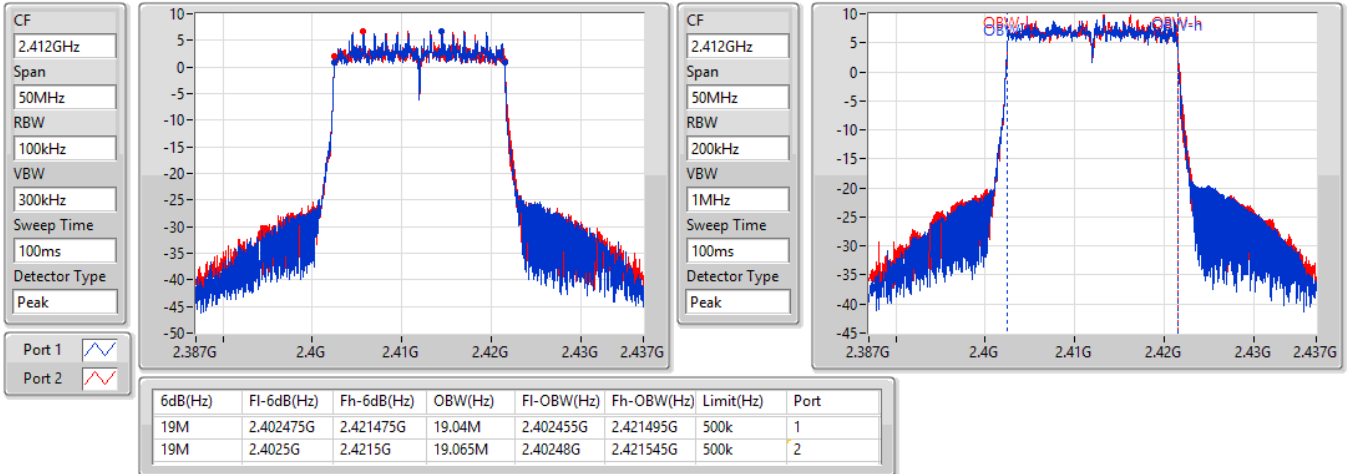
Result

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_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	19M	19.04M	19M	19.065M
2437MHz	Pass	500k	19M	19.215M	18.95M	19.19M
2462MHz	Pass	500k	18.975M	19.015M	18.975M	19.065M
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.4M	37.481M	37.05M	37.481M
2437MHz	Pass	500k	37.4M	37.581M	37.55M	37.531M
2452MHz	Pass	500k	37.4M	37.531M	37.3M	37.531M

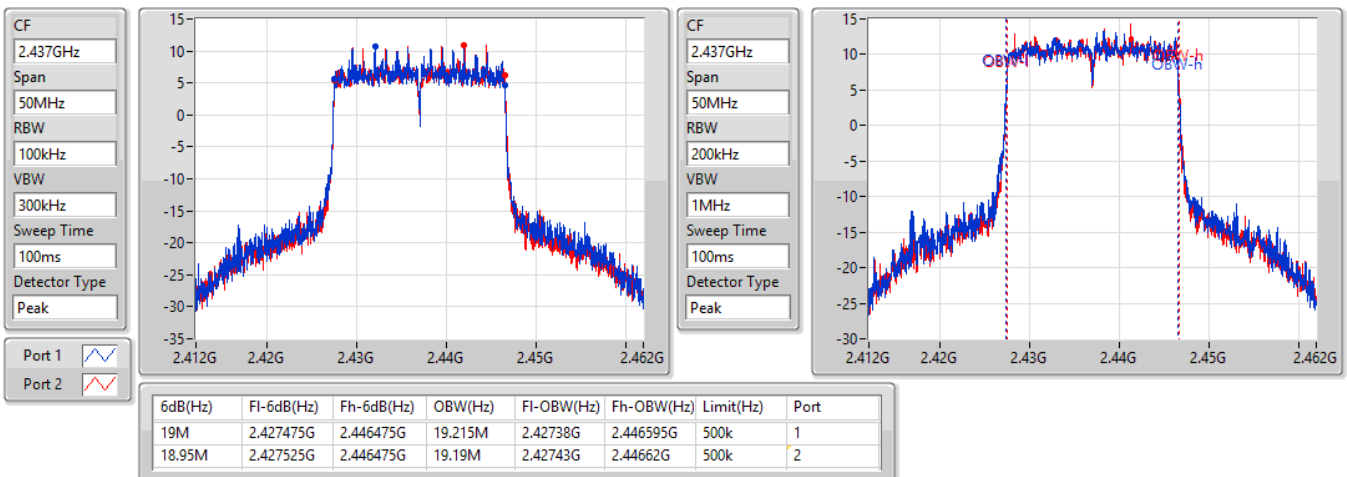
Port X-N dB = Port X 6dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
2412MHz

15/06/2021

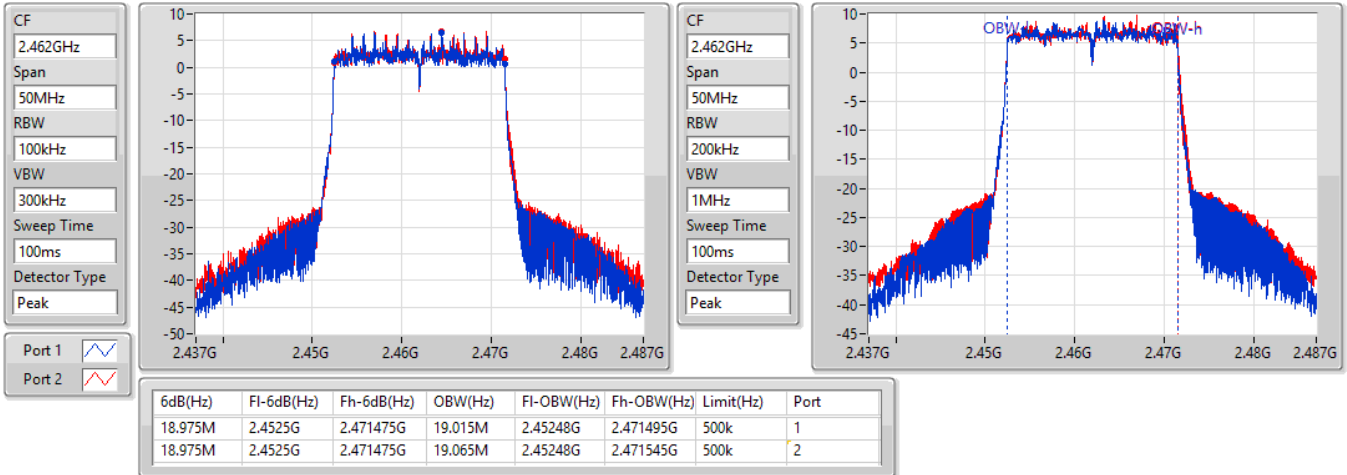

802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
2437MHz

15/06/2021

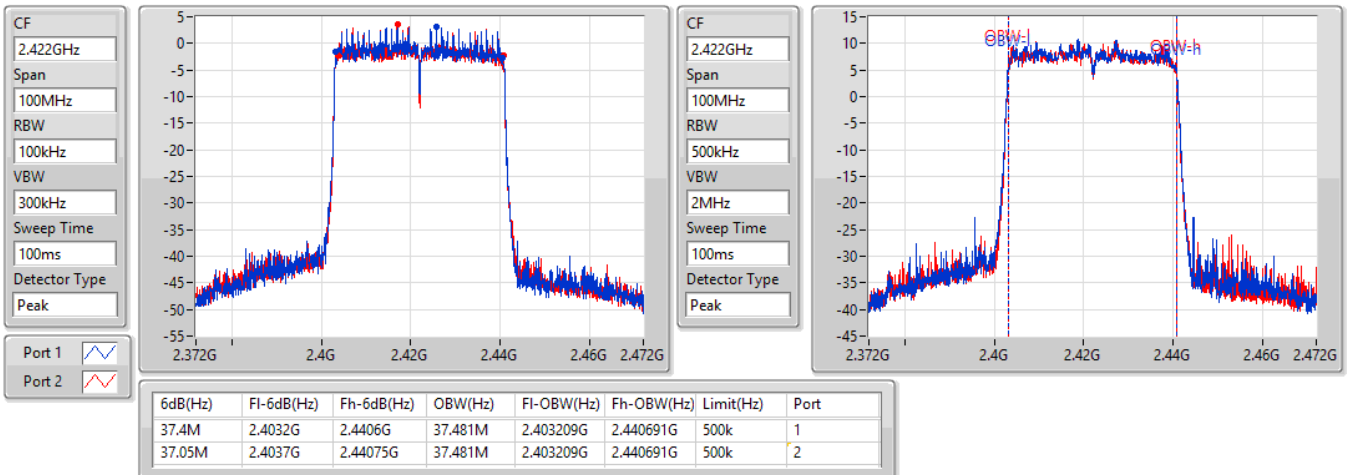


802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
2462MHz

15/06/2021

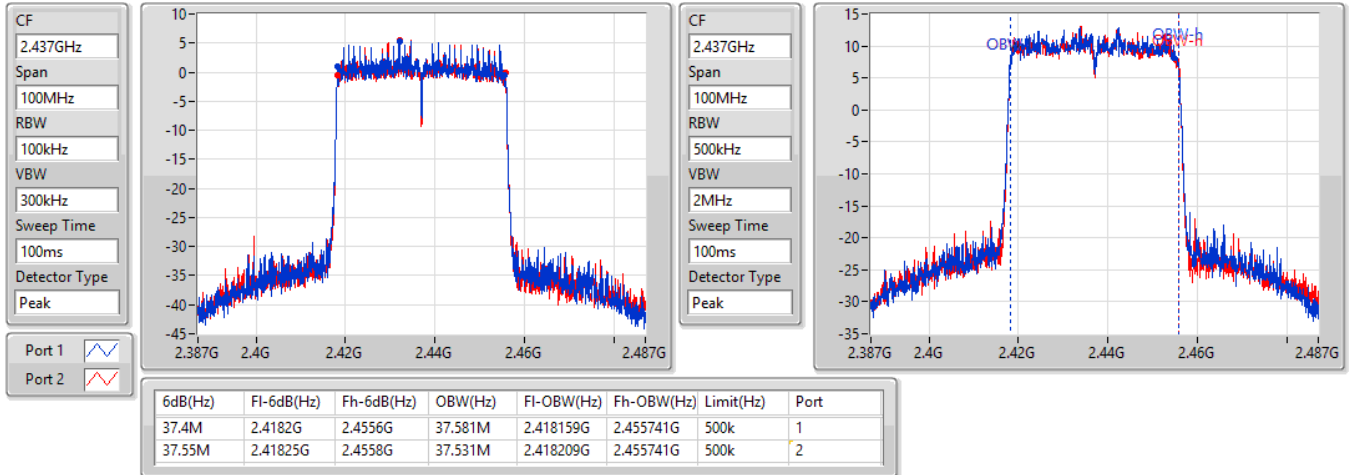

802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
2422MHz

15/06/2021

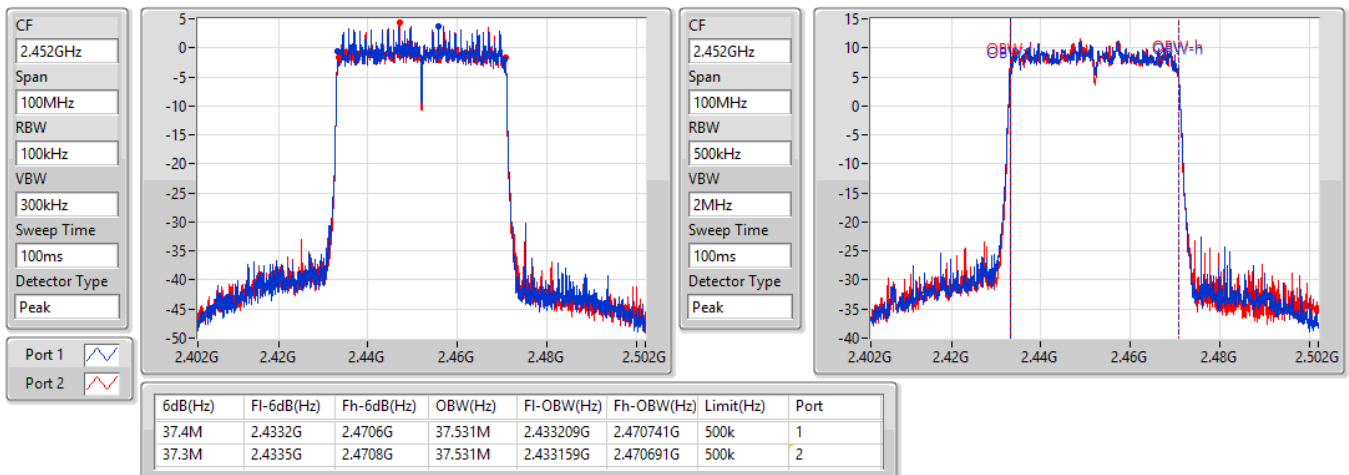


802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
2437MHz

15/06/2021


802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
2452MHz

15/06/2021



**For Scanning radio 3 / 2T1S and 2T2S
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	7.55M	15.467M	15M5G1D	7.025M	11.269M
802.11g_Nss1,(6Mbps)_2TX	16.35M	22.689M	22M7D1D	16.05M	16.667M
802.11ax HEW20_Nss2,(MCS0)_2TX	18.85M	23.038M	23M0D1D	18.675M	18.966M
802.11ax HEW40_Nss2,(MCS0)_2TX	37.35M	37.781M	37M8D1D	35.65M	37.431M

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;

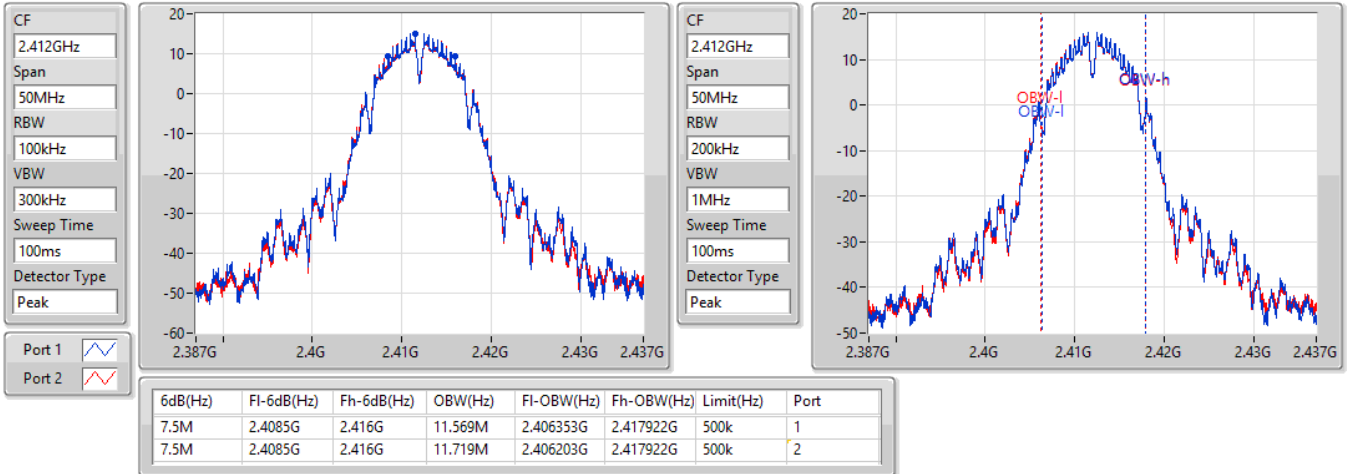
Result

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	7.5M	11.569M	7.5M	11.719M
2437MHz	Pass	500k	7.55M	15.467M	7.05M	15.192M
2462MHz	Pass	500k	7.05M	11.269M	7.025M	11.494M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.1M	16.692M	16.325M	16.667M
2437MHz	Pass	500k	16.275M	22.689M	16.3M	21.639M
2462MHz	Pass	500k	16.05M	16.792M	16.35M	16.667M
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.8M	18.966M	18.775M	19.04M
2437MHz	Pass	500k	18.825M	22.114M	18.675M	23.038M
2462MHz	Pass	500k	18.825M	19.04M	18.85M	19.04M
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	35.65M	37.431M	37M	37.431M
2437MHz	Pass	500k	37.35M	37.781M	36.4M	37.531M
2452MHz	Pass	500k	37.2M	37.731M	37.05M	37.531M

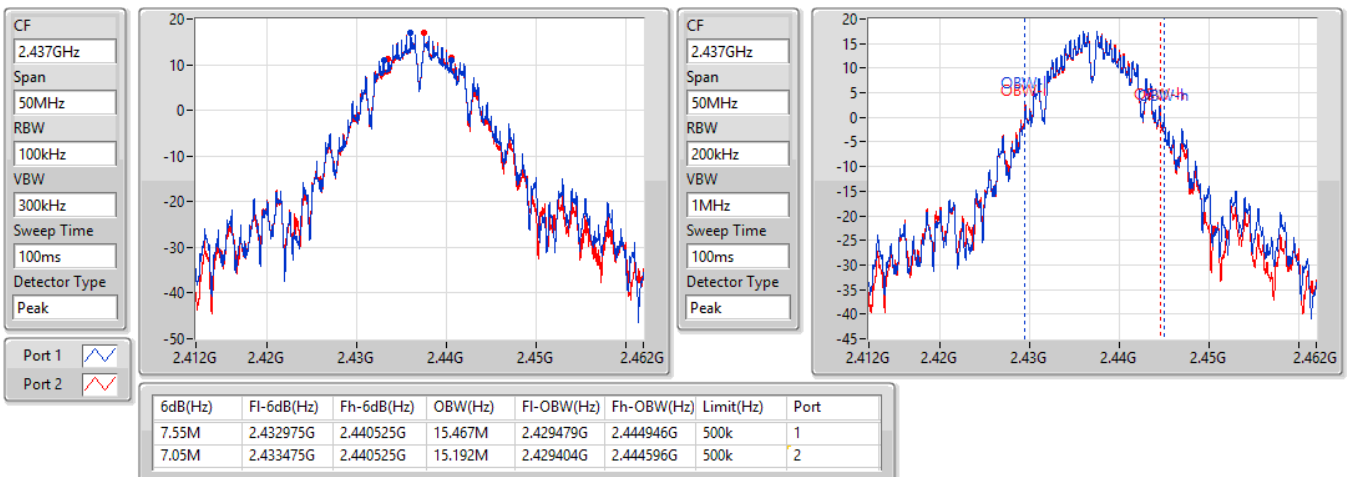
Port X-N dB = Port X 6dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

802.11b_Nss1,(1Mbps)_2TX
EBW
2412MHz

15/06/2021


802.11b_Nss1,(1Mbps)_2TX
EBW
2437MHz

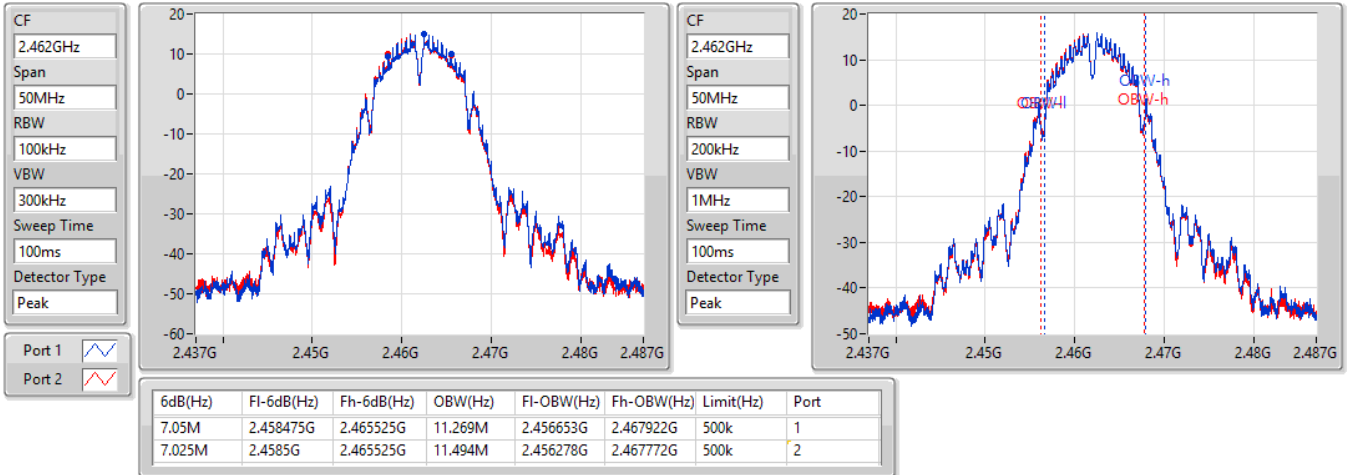
15/06/2021



802.11b_Nss1,(1Mbps)_2TX

EBW
2462MHz

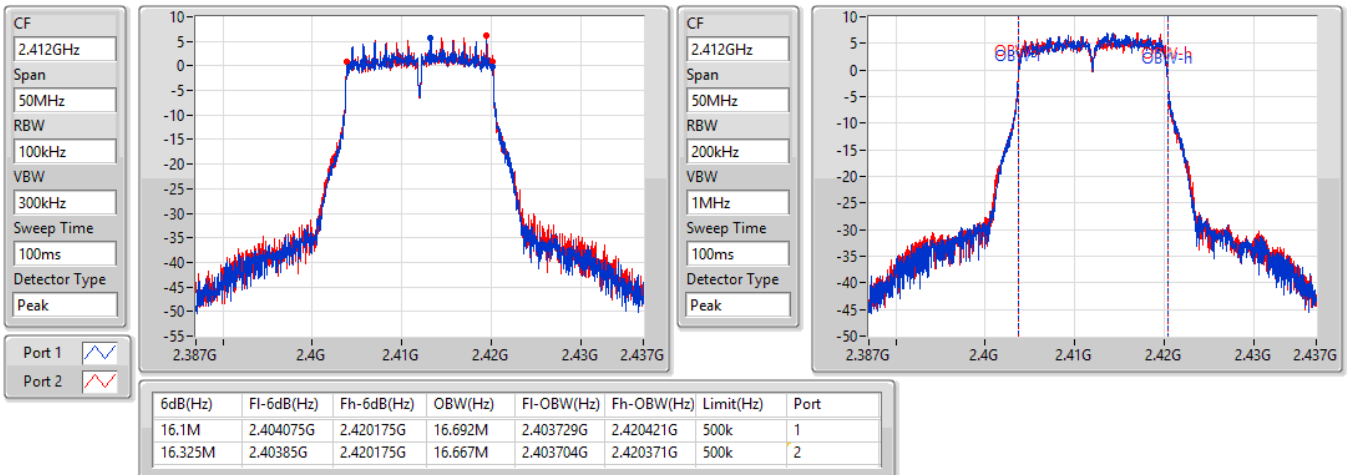
15/06/2021



802.11g_Nss1,(6Mbps)_2TX

EBW
2412MHz

15/06/2021

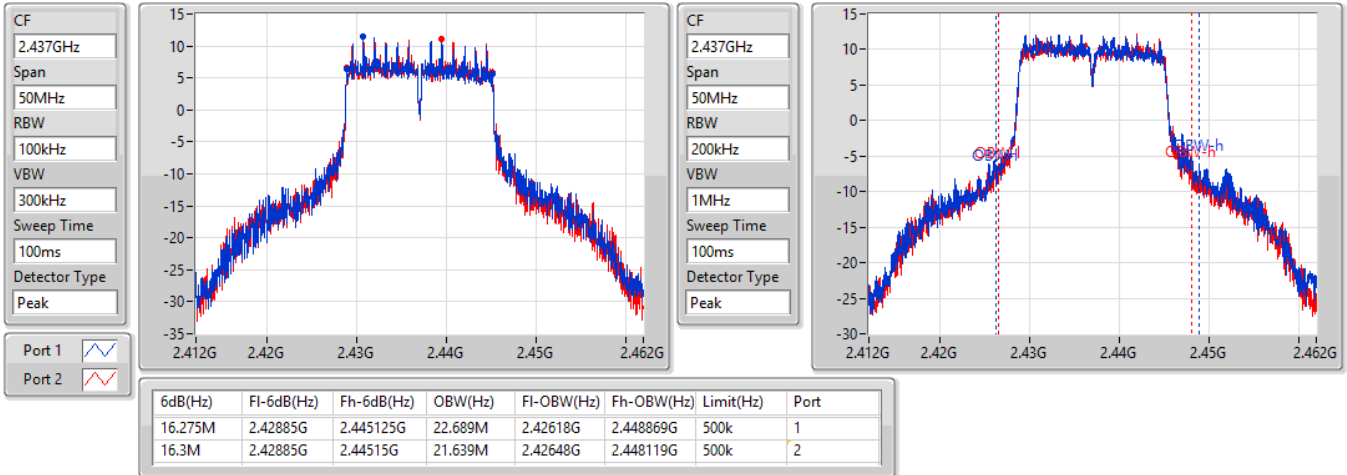


802.11g_Nss1,(6Mbps)_2TX

EBW

2437MHz

15/06/2021

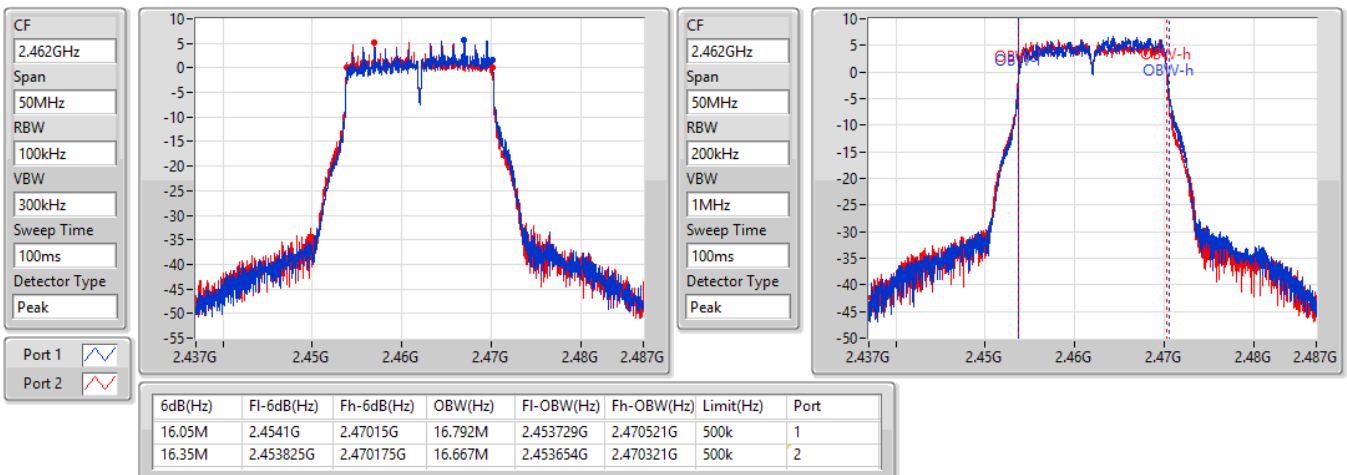


802.11g_Nss1,(6Mbps)_2TX

EBW

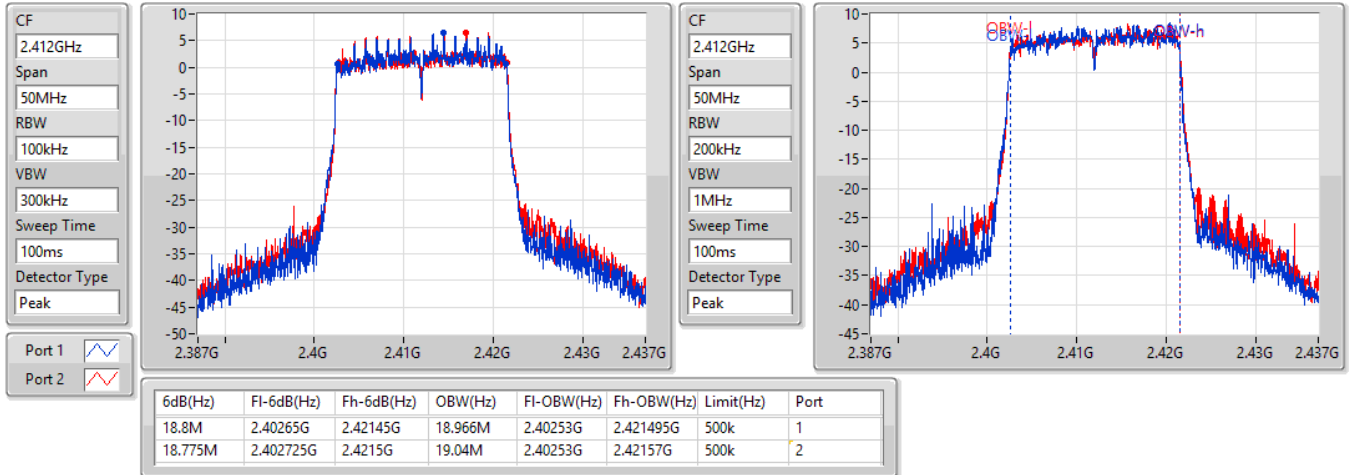
2462MHz

15/06/2021

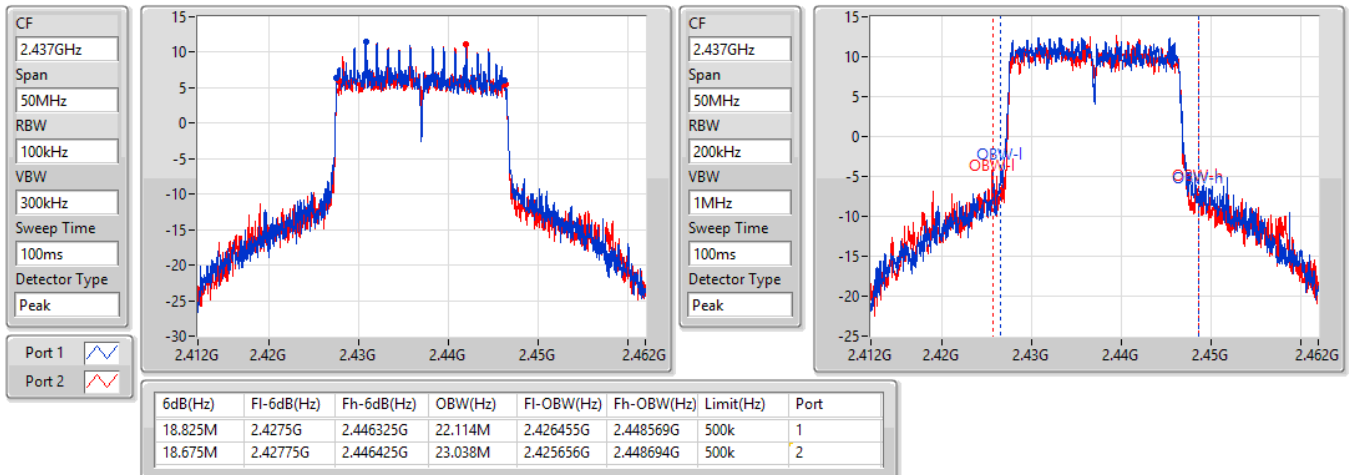


802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
2412MHz

15/06/2021

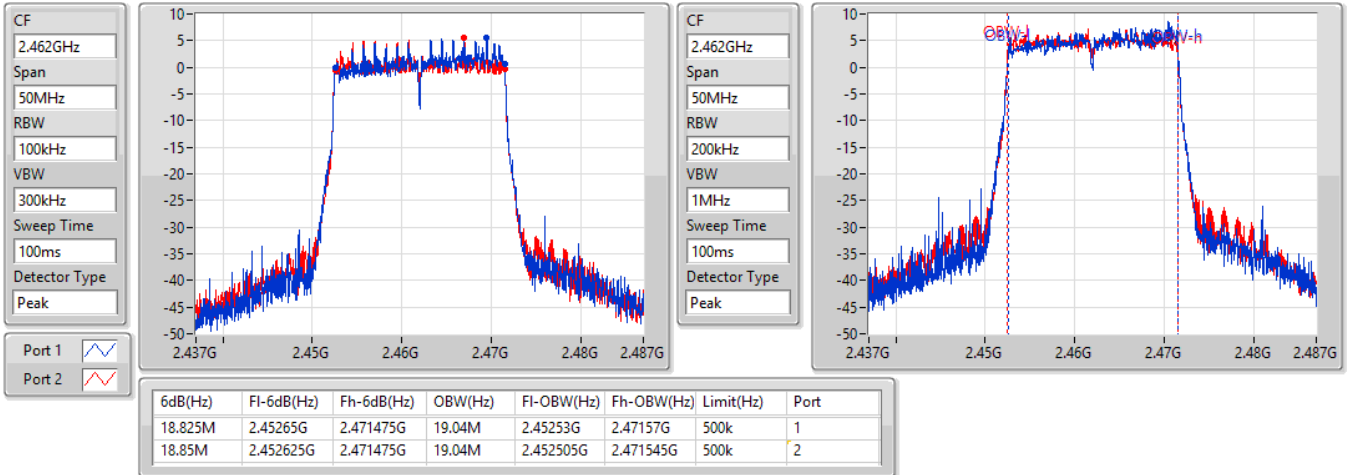

802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
2437MHz

15/06/2021

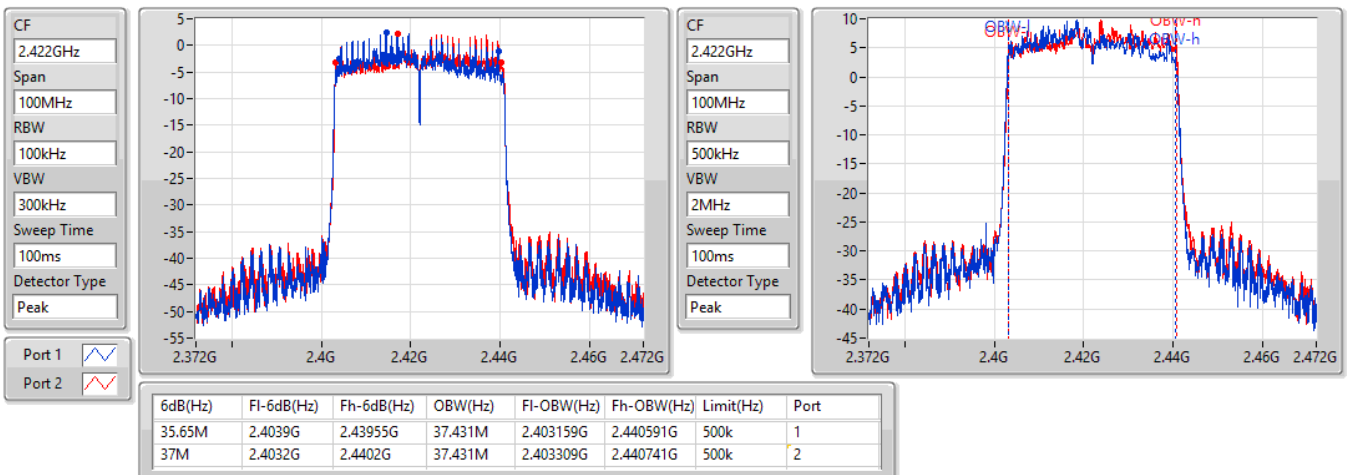


802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
2462MHz

15/06/2021

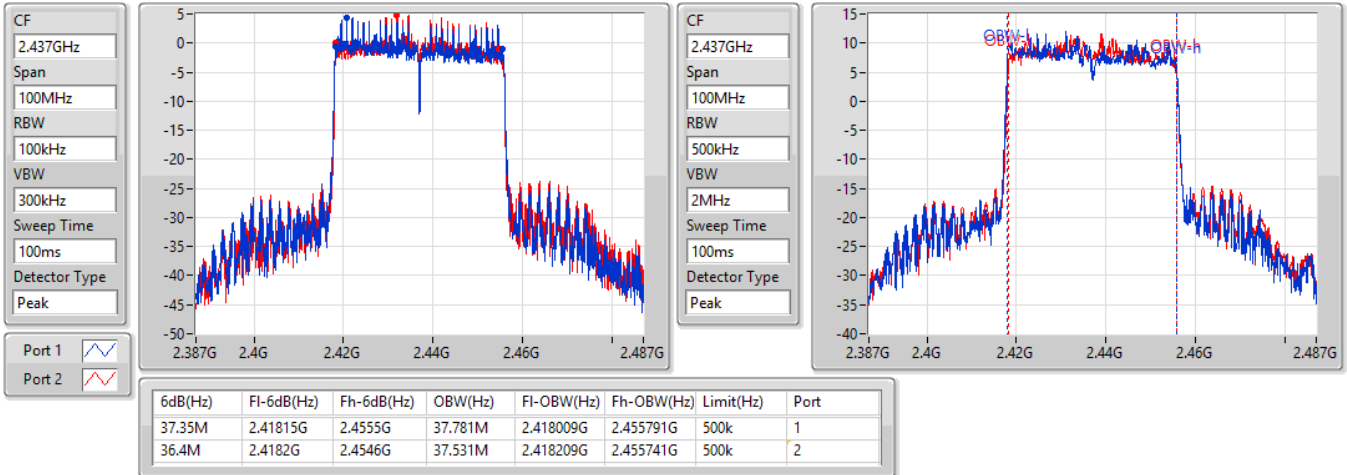

802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
2422MHz

15/06/2021

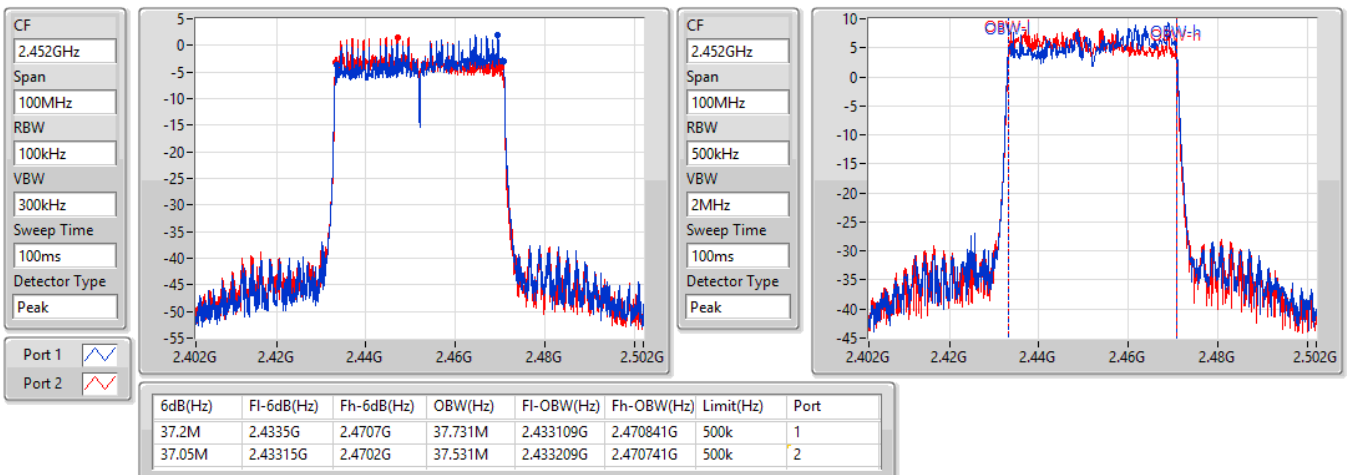


802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
2437MHz

15/06/2021


802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
2452MHz

15/06/2021





Average Power

Appendix C.1

For 1T1S Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	25.37	0.34435
802.11g_Nss1,(6Mbps)_1TX	22.96	0.19770
802.11ax HEW20_Nss1,(MCS0)_1TX	22.88	0.19409
802.11ax HEW40_Nss1,(MCS0)_1TX	19.05	0.08035

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	2.62	22.29	22.29	30.00	21
2417MHz	Pass	2.62	23.85	23.85	30.00	22.5
2437MHz	Pass	2.62	25.37	25.37	30.00	24.5
2457MHz	Pass	2.62	23.27	23.27	30.00	22
2462MHz	Pass	2.62	22.67	22.67	30.00	21.5
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	2.62	18.09	18.09	30.00	17.25
2417MHz	Pass	2.62	19.60	19.60	30.00	18.75
2437MHz	Pass	2.62	22.96	22.96	30.00	22
2457MHz	Pass	2.62	18.87	18.87	30.00	18.25
2462MHz	Pass	2.62	17.86	17.86	30.00	17
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
2412MHz	Pass	2.62	18.38	18.38	30.00	17
2417MHz	Pass	2.62	19.90	19.90	30.00	18.75
2437MHz	Pass	2.62	22.88	22.88	30.00	21.75
2457MHz	Pass	2.62	19.49	19.49	30.00	18.5
2462MHz	Pass	2.62	15.97	15.97	30.00	14.75
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
2422MHz	Pass	2.62	17.59	17.59	30.00	16.5
2437MHz	Pass	2.62	19.05	19.05	30.00	18
2452MHz	Pass	2.62	18.14	18.14	30.00	17.25

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

Note : Conducted setting = Pass conducted setting division 4



Average Power

Appendix C.2

For 2T1S Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	27.46	0.55719
802.11g_Nss1,(6Mbps)_2TX	25.46	0.35156

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-
2412MHz	Pass	2.62	21.27	21.52	24.41	30.00	20.25
2417MHz	Pass	2.62	22.66	22.90	25.79	30.00	21.5
2437MHz	Pass	2.62	24.33	24.57	27.46	30.00	23.25
2462MHz	Pass	2.62	21.86	22.39	25.14	30.00	21
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-
2412MHz	Pass	2.62	17.83	18.04	20.95	30.00	17
2417MHz	Pass	2.62	19.06	19.14	22.11	30.00	18.25
2437MHz	Pass	2.62	22.39	22.50	25.46	30.00	21.5
2457MHz	Pass	2.62	18.66	18.75	21.72	30.00	18
2462MHz	Pass	2.62	16.88	17.20	20.05	30.00	16.25

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

Note : Conducted setting = Pass conducted setting division 4



Average Power

Appendix C.3

For 2T2S Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	24.89	0.30832
802.11ax HEW40_Nss2,(MCS0)_2TX	22.02	0.15922

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
2417MHz	Pass	2.62	18.23	18.44	21.35	30.00	17
2417MHz	Pass	2.62	19.41	19.53	22.48	30.00	18.25
2437MHz	Pass	2.62	21.86	21.89	24.89	30.00	20.75
2457MHz	Pass	2.62	18.78	18.83	21.82	30.00	17.75
2462MHz	Pass	2.62	17.61	17.89	20.76	30.00	16.75
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
2422MHz	Pass	2.62	17.05	17.13	20.10	30.00	16
2437MHz	Pass	2.62	19.01	19.00	22.02	30.00	18
2452MHz	Pass	2.62	17.37	17.44	20.42	30.00	16.5

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

Note : Conducted setting = Pass conducted setting division 4



**For Scanning radio 3 / 2T1S and 2T2S
Summary**

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	27.17	0.52119
802.11g_Nss1,(6Mbps)_2TX	24.35	0.27227
802.11ax HEW20_Nss2,(MCS0)_2TX	24.51	0.28249
802.11ax HEW40_Nss2,(MCS0)_2TX	20.53	0.11298

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-
2412MHz	Pass	5.32	22.58	22.51	25.56	30.00	21.5
2437MHz	Pass	5.32	24.15	24.16	27.17	30.00	24
2457MHz	Pass	5.32	23.00	23.16	26.09	30.00	22.25
2462MHz	Pass	5.32	22.09	22.08	25.10	30.00	21
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-
2412MHz	Pass	5.32	16.42	16.69	19.57	30.00	15.75
2417MHz	Pass	5.32	18.45	18.70	21.59	30.00	17.75
2437MHz	Pass	5.32	21.33	21.34	24.35	30.00	20.75
2457MHz	Pass	5.32	18.77	18.79	21.79	30.00	18
2462MHz	Pass	5.32	15.90	15.89	18.91	30.00	15
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
2412MHz	Pass	5.26	17.21	17.25	20.24	30.00	16.25
2417MHz	Pass	5.26	18.00	18.20	21.11	30.00	17.25
2437MHz	Pass	5.26	21.50	21.49	24.51	30.00	20.75
2457MHz	Pass	5.26	17.78	17.76	20.78	30.00	16.75
2462MHz	Pass	5.26	16.06	15.97	19.03	30.00	15
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
2422MHz	Pass	5.26	15.13	15.59	18.38	30.00	14.75
2437MHz	Pass	5.26	17.29	17.74	20.53	30.00	17
2452MHz	Pass	5.26	14.69	14.97	17.84	30.00	14.25

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

Note : Conducted setting = Pass conducted setting division 4

**For 1T1S
Summary**

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	4.19
802.11g_Nss1,(6Mbps)_1TX	-1.80
802.11ax HEW20_Nss1,(MCS0)_1TX	-1.89
802.11ax HEW40_Nss1,(MCS0)_1TX	-10.34

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.62	0.88	0.88	8.00
2437MHz	Pass	2.62	4.19	4.19	8.00
2462MHz	Pass	2.62	0.10	0.10	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.62	-7.29	-7.29	8.00
2437MHz	Pass	2.62	-1.80	-1.80	8.00
2462MHz	Pass	2.62	-7.26	-7.26	8.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	2.62	-6.65	-6.65	8.00
2437MHz	Pass	2.62	-1.89	-1.89	8.00
2462MHz	Pass	2.62	-9.52	-9.52	8.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	2.62	-11.55	-11.55	8.00
2437MHz	Pass	2.62	-10.34	-10.34	8.00
2452MHz	Pass	2.62	-10.60	-10.60	8.00

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

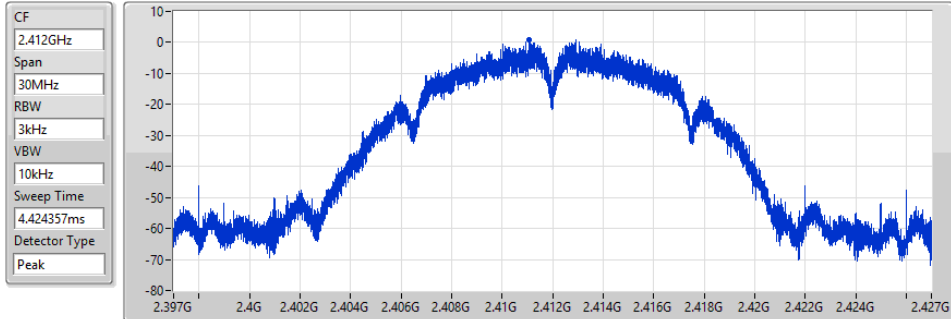
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11b_Nss1,(1Mbps)_1TX

PSD

2412MHz

15/06/2021



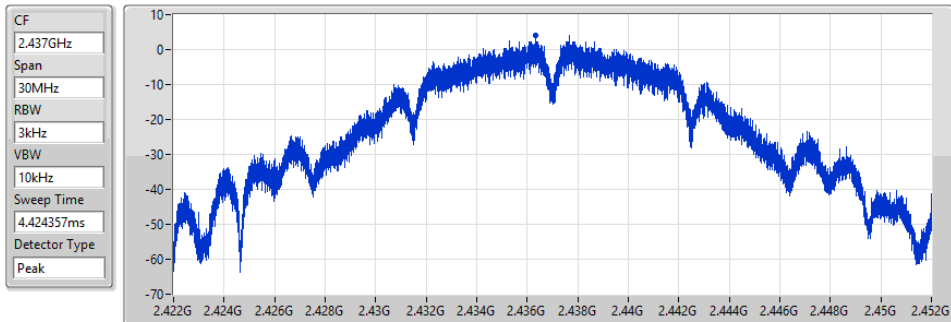
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.88	0.88	0.88

802.11b_Nss1,(1Mbps)_1TX

PSD

2437MHz

15/06/2021



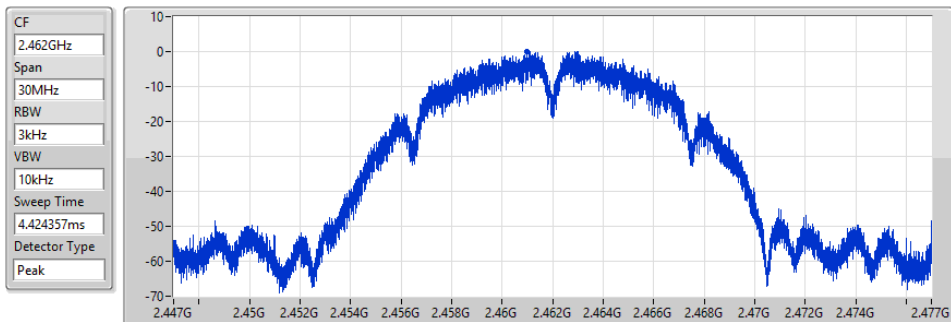
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.19	4.19	4.19

802.11b_Nss1,(1Mbps)_1TX

PSD

2462MHz

15/06/2021



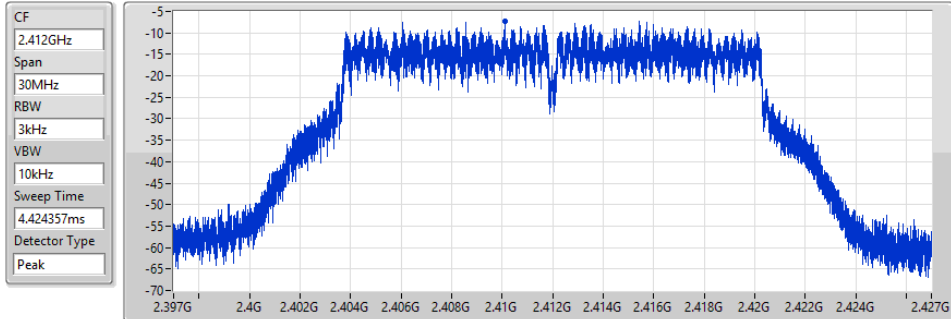
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.10	0.10	0.10

802.11g_Nss1,(6Mbps)_1TX

PSD

2412MHz

15/06/2021



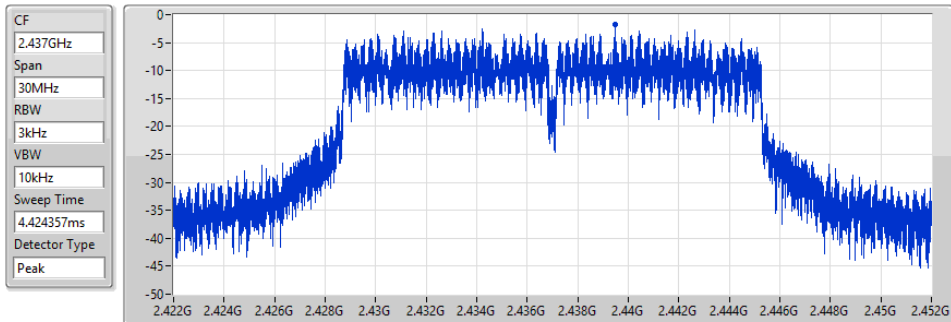
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-7.29	-7.29	-7.29

802.11g_Nss1,(6Mbps)_1TX

PSD

2437MHz

15/06/2021



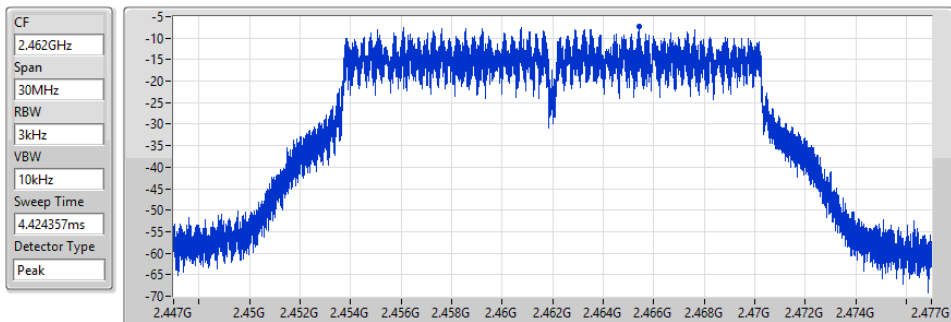
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.80	-1.80	-1.80

802.11g_Nss1,(6Mbps)_1TX

PSD

2462MHz

15/06/2021



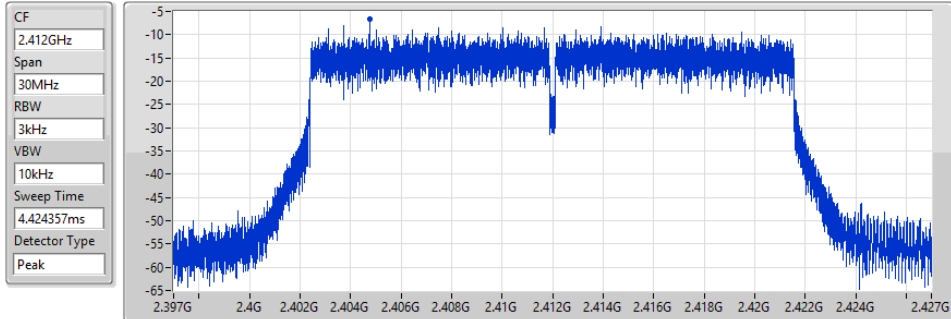
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-7.26	-7.26	-7.26

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

2412MHz

15/06/2021



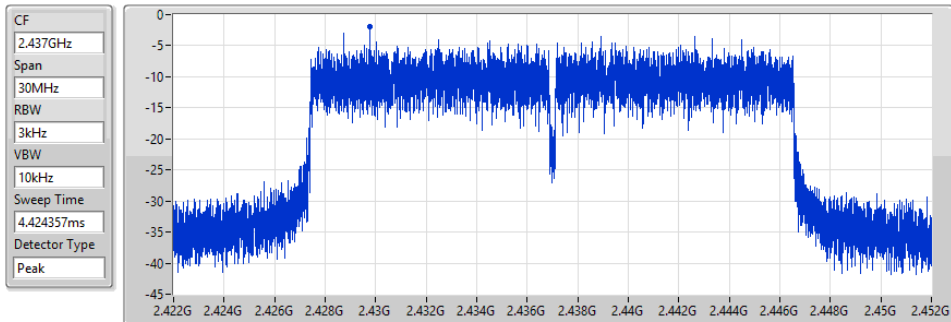
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.65	-6.65	-6.65

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

2437MHz

15/06/2021



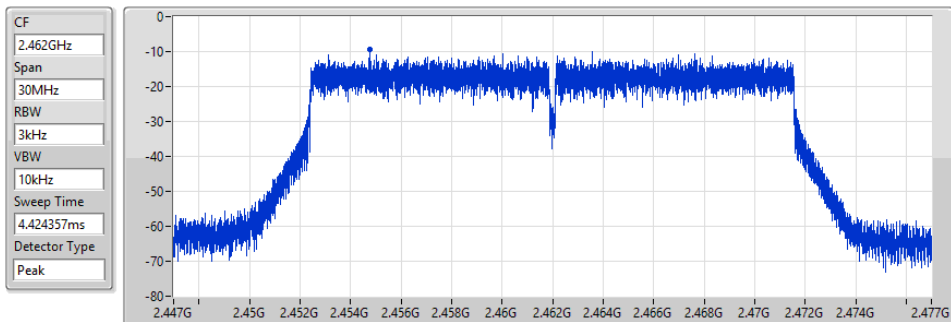
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.89	-1.89	-1.89

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

2462MHz

15/06/2021



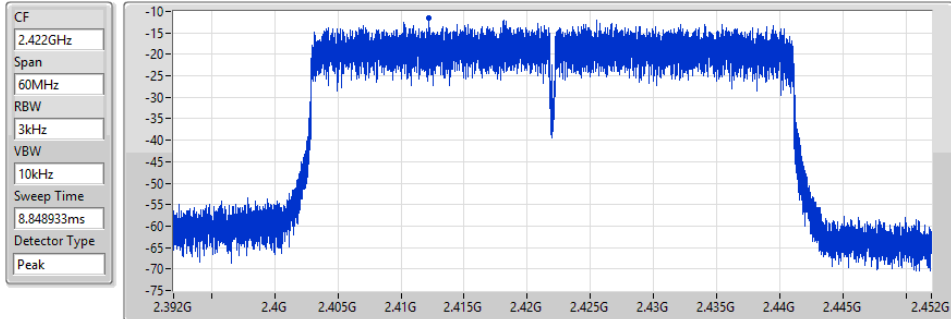
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-9.52	-9.52	-9.52

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

2422MHz

15/06/2021



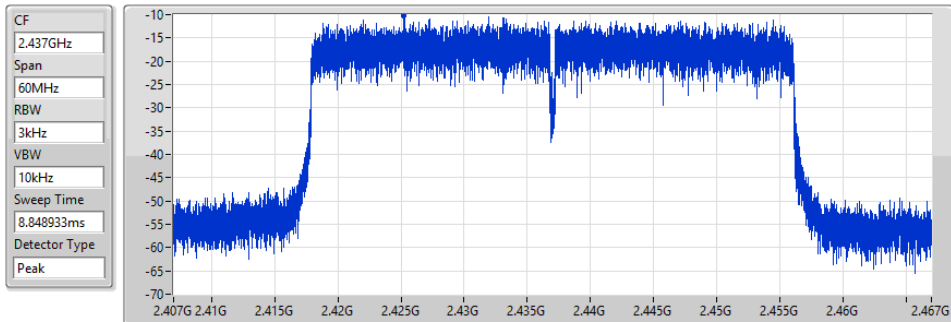
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.55	-11.55	-11.55

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

2437MHz

15/06/2021



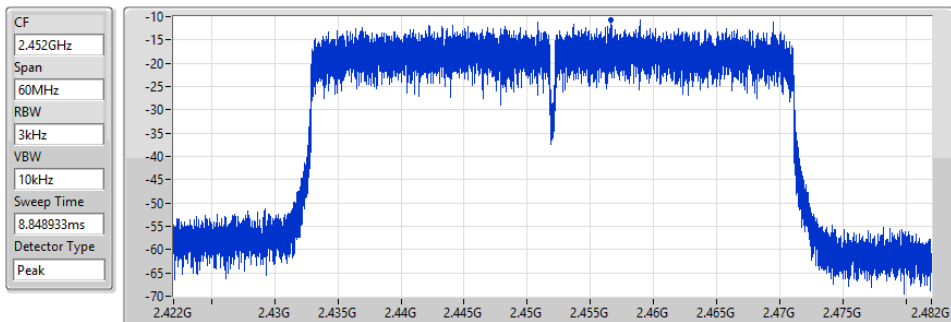
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.34	-10.34	-10.34

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

2452MHz

15/06/2021



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.60	-10.60	-10.60

**For 2T1S
Summary**

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	4.88
802.11g_Nss1,(6Mbps)_2TX	1.39

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

Result

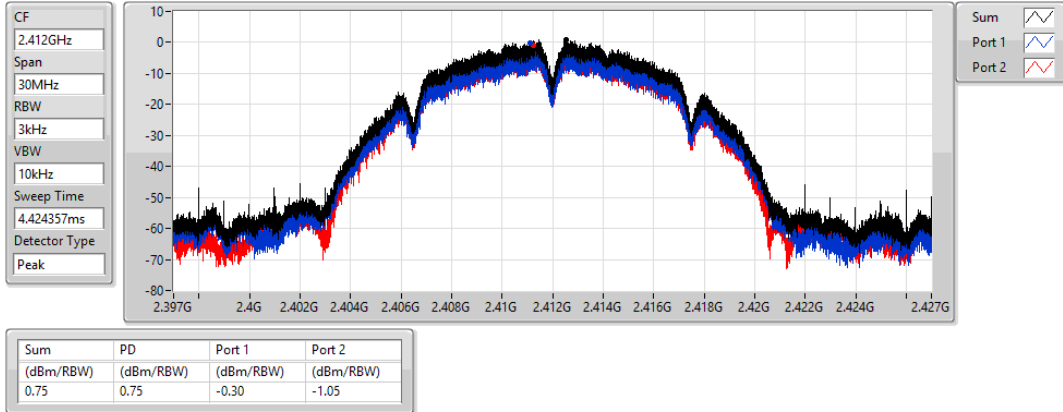
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.72	-0.30	-1.05	0.75	8.00
2437MHz	Pass	4.72	2.10	4.28	4.88	8.00
2462MHz	Pass	4.72	0.44	-0.08	2.23	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.72	-7.96	-7.58	-5.08	8.00
2437MHz	Pass	4.72	-2.23	-1.08	1.39	8.00
2462MHz	Pass	4.72	-8.25	-6.32	-4.38	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;

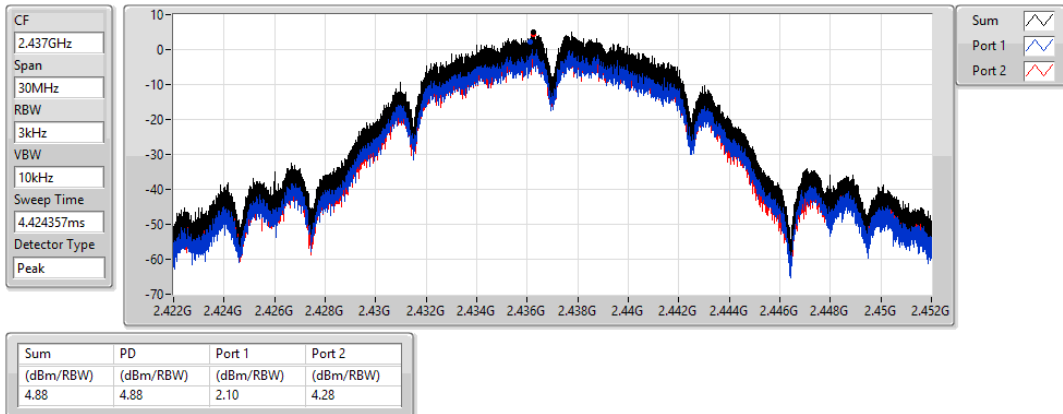
802.11b_Nss1,(1Mbps)_2TX

2412MHz



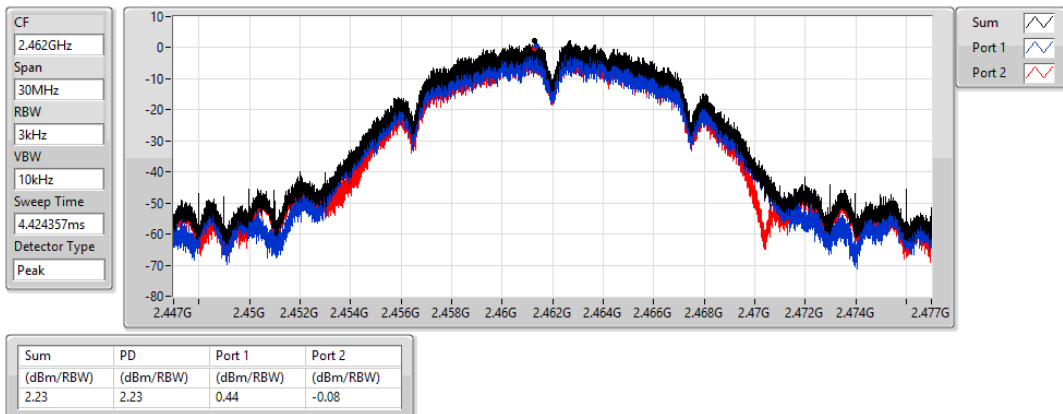
802.11b_Nss1,(1Mbps)_2TX

2437MHz



802.11b_Nss1,(1Mbps)_2TX

2462MHz

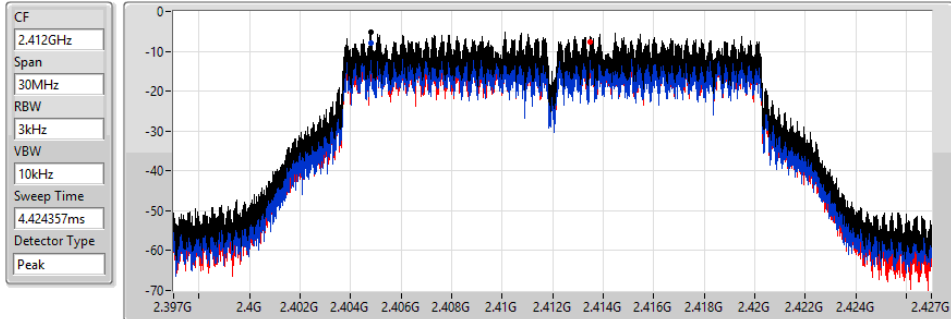


802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

15/06/2021



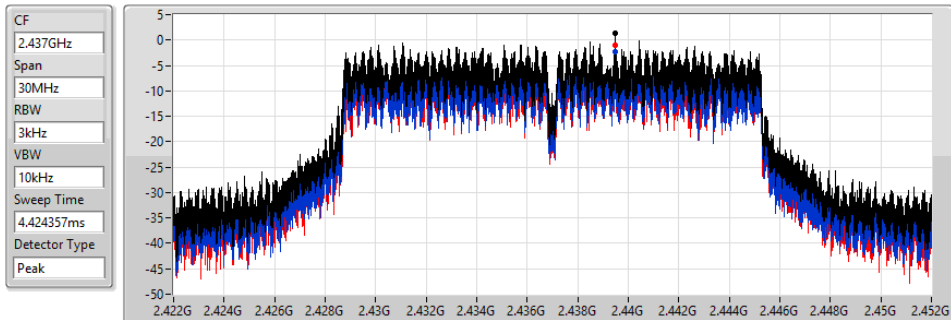
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.08	-5.08	-7.96	-7.58

802.11g_Nss1,(6Mbps)_2TX

PSD

2437MHz

15/06/2021



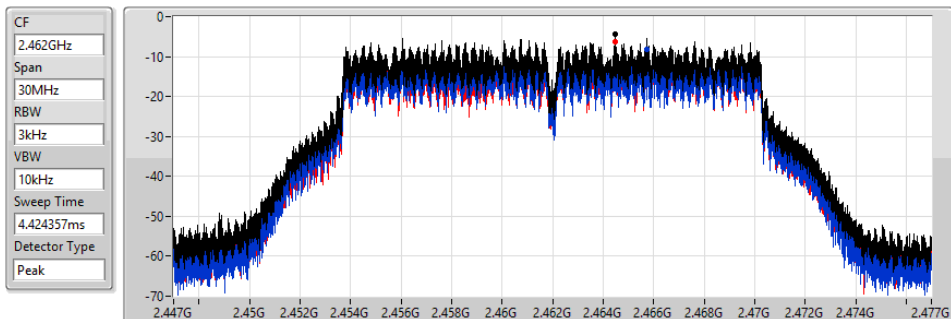
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.39	1.39	-2.23	-1.08

802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

15/06/2021



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.38	-4.38	-8.25	-6.32

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	0.22
802.11ax HEW40_Nss2,(MCS0)_2TX	-6.63

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_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.62	-6.15	-5.61	-2.86	8.00
2437MHz	Pass	2.62	-3.76	-2.00	0.22	8.00
2462MHz	Pass	2.62	-6.62	-7.61	-5.09	8.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	2.62	-11.46	-10.98	-8.20	8.00
2437MHz	Pass	2.62	-9.62	-9.39	-6.63	8.00
2452MHz	Pass	2.62	-10.88	-10.61	-8.37	8.00

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

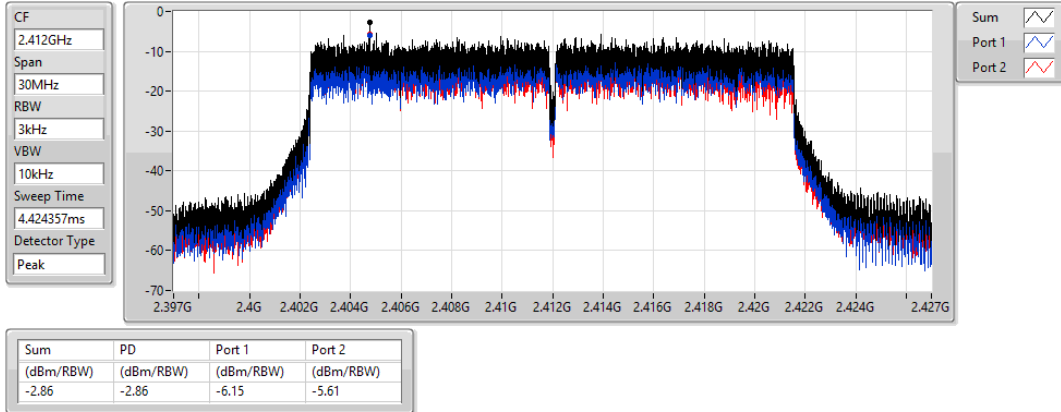
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

2412MHz

15/06/2021

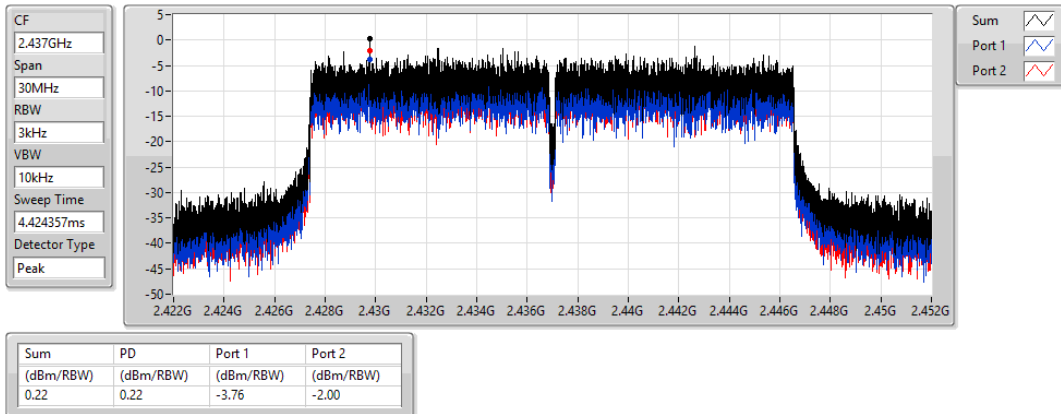


802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

2437MHz

15/06/2021

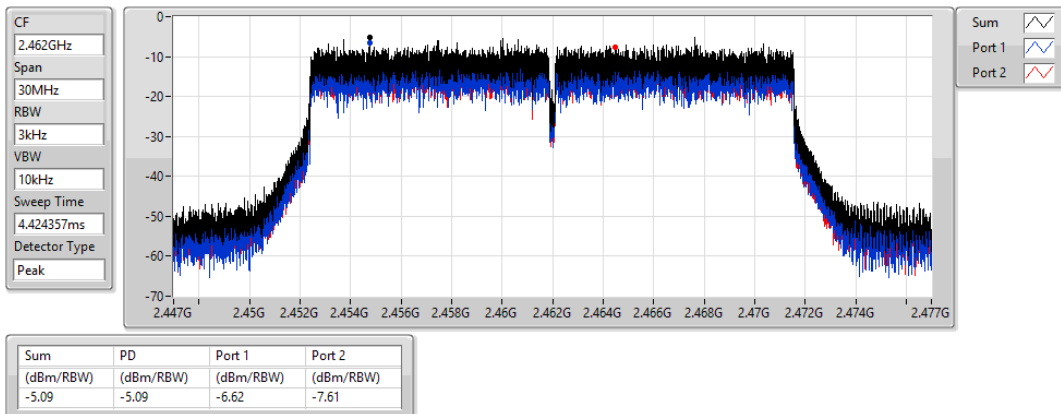


802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

2462MHz

15/06/2021

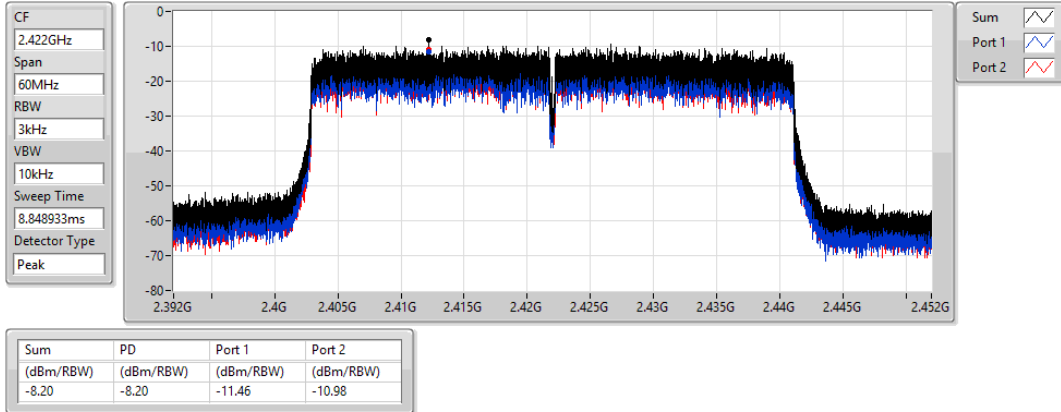


802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

2422MHz

15/06/2021

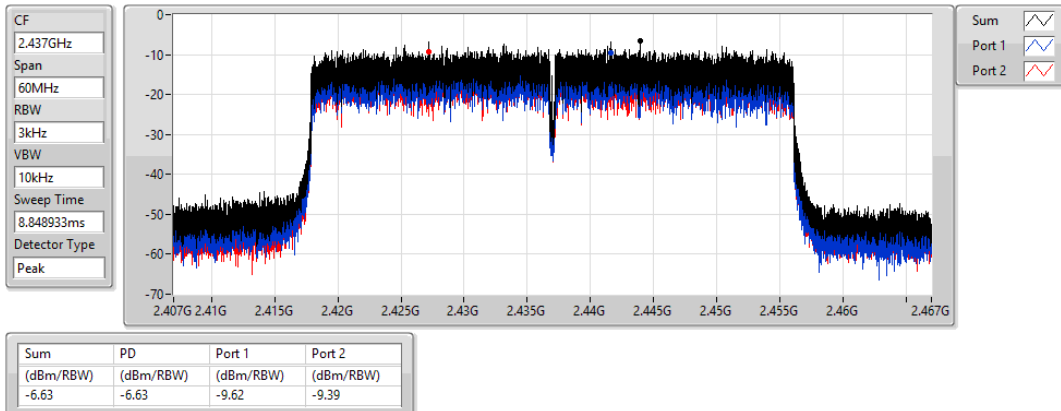


802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

2437MHz

15/06/2021

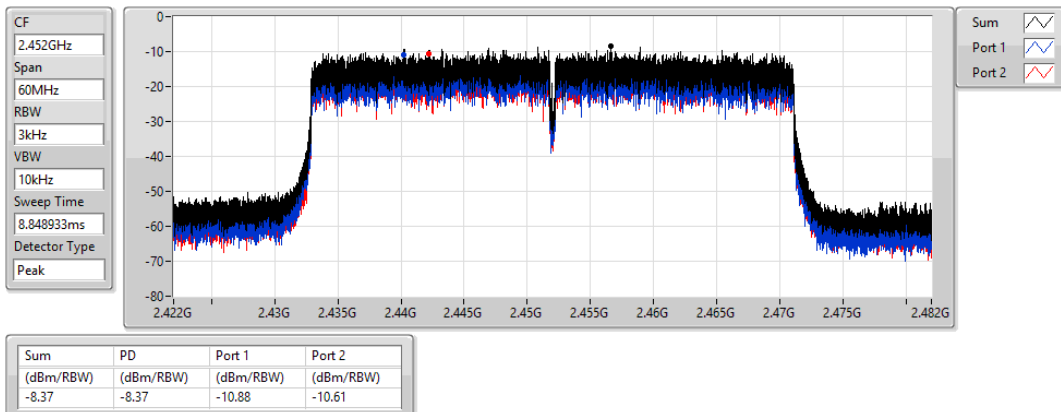


802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

2452MHz

15/06/2021



**For Scanning radio 3 / 2T1S and 2T2S
Summary**

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	3.87
802.11g_Nss1,(6Mbps)_2TX	-0.81
802.11ax HEW20_Nss2,(MCS0)_2TX	-2.31
802.11ax HEW40_Nss2,(MCS0)_2TX	-9.49

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	8.27	1.20	-0.38	2.40	5.73
2437MHz	Pass	8.27	2.11	2.55	3.87	5.73
2462MHz	Pass	8.27	1.47	0.05	2.92	5.73
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	8.27	-9.09	-7.05	-5.58	5.73
2437MHz	Pass	8.27	-3.80	-2.21	-0.81	5.73
2462MHz	Pass	8.27	-8.35	-7.81	-5.74	5.73
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.26	-9.39	-8.59	-5.97	8.00
2437MHz	Pass	5.26	-4.79	-4.66	-2.31	8.00
2462MHz	Pass	5.26	-9.33	-10.50	-7.45	8.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.26	-13.61	-13.24	-11.98	8.00
2437MHz	Pass	5.26	-11.36	-10.37	-9.49	8.00
2452MHz	Pass	5.26	-13.90	-12.75	-12.14	8.00

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

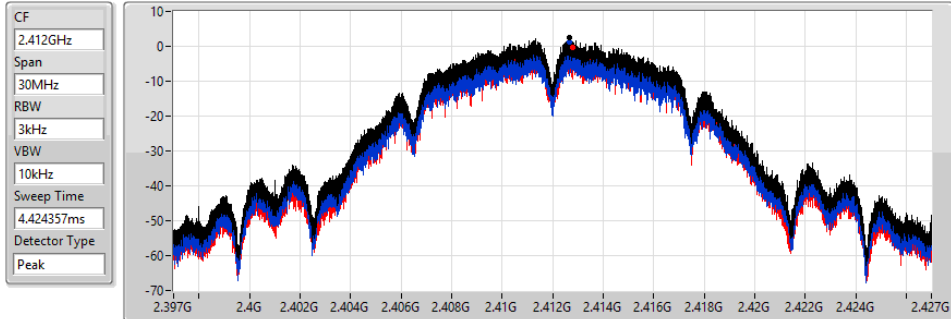
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11b_Nss1,(1Mbps)_2TX

PSD

2412MHz

15/06/2021



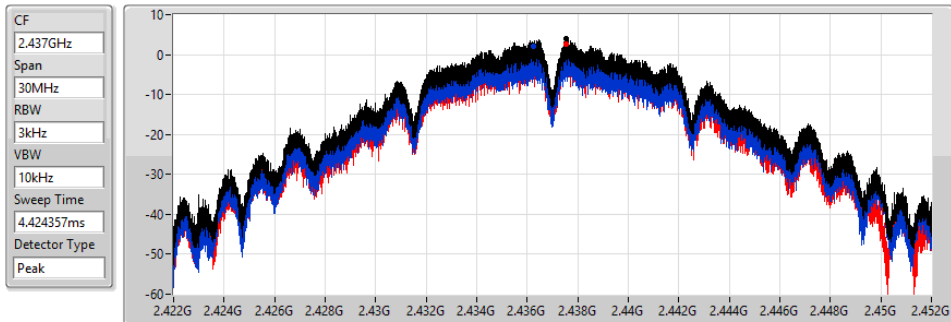
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.40	2.40	1.20	-0.38

802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

15/06/2021



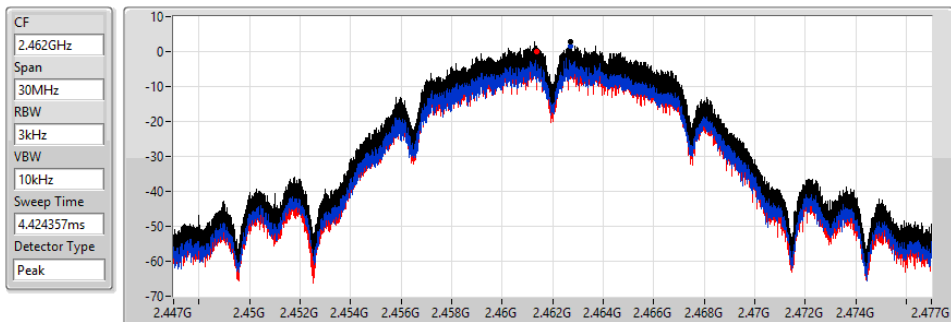
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.87	3.87	2.11	2.55

802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

15/06/2021



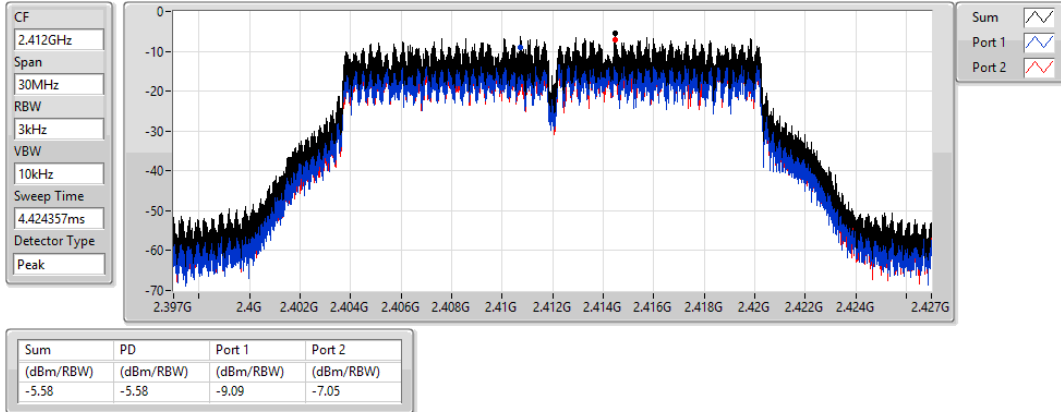
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.92	2.92	1.47	0.05

802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

15/06/2021

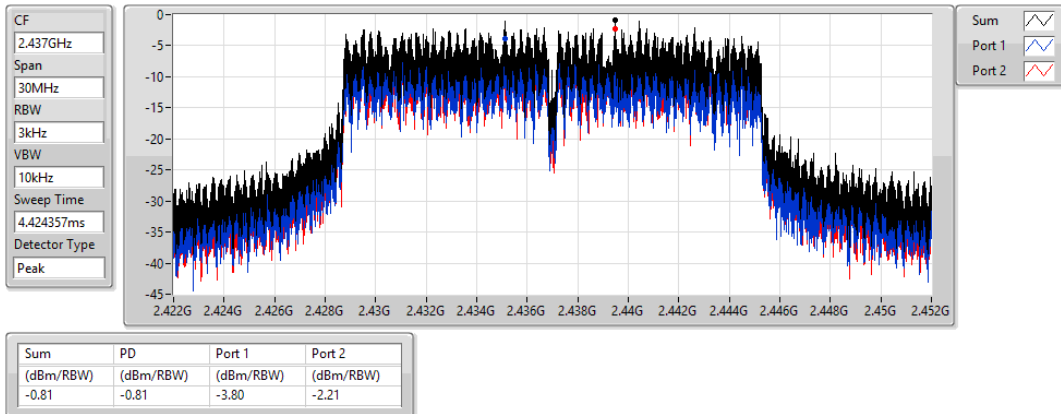


802.11g_Nss1,(6Mbps)_2TX

PSD

2437MHz

15/06/2021

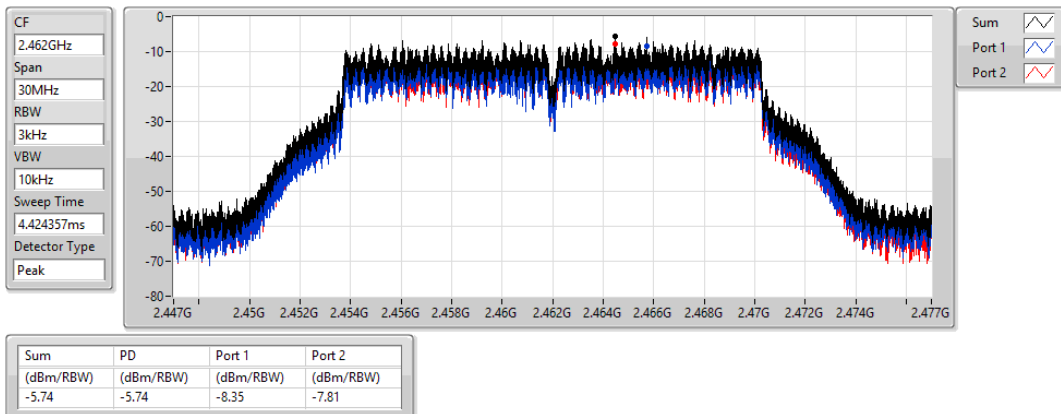


802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

15/06/2021

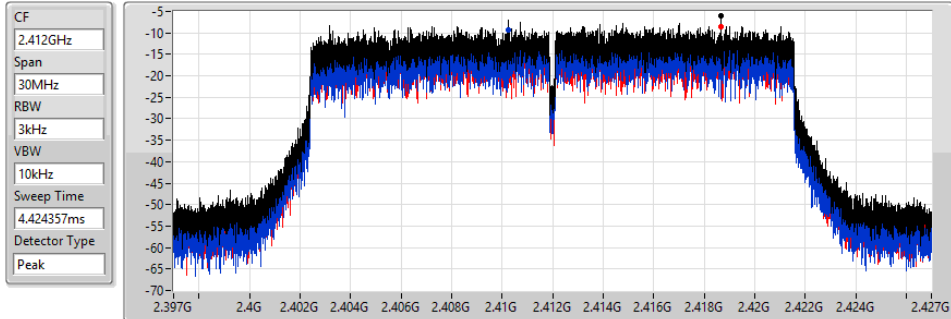


802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

2412MHz

15/06/2021



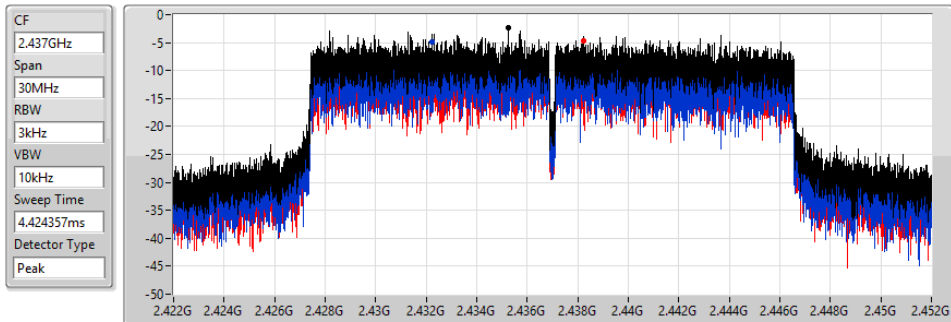
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.97	-5.97	-9.39	-8.59

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

2437MHz

15/06/2021



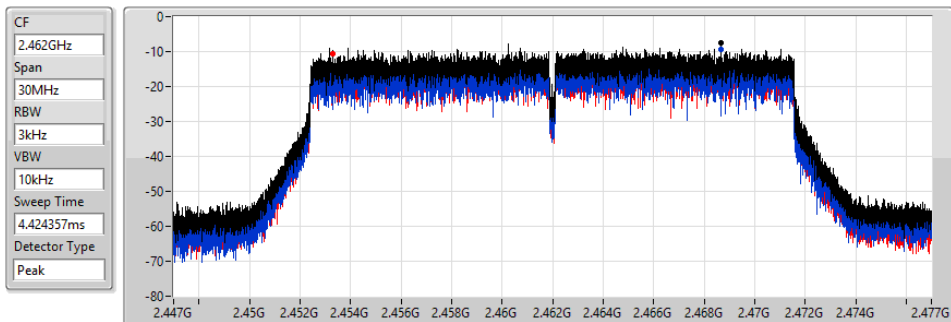
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.31	-2.31	-4.79	-4.66

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

2462MHz

15/06/2021



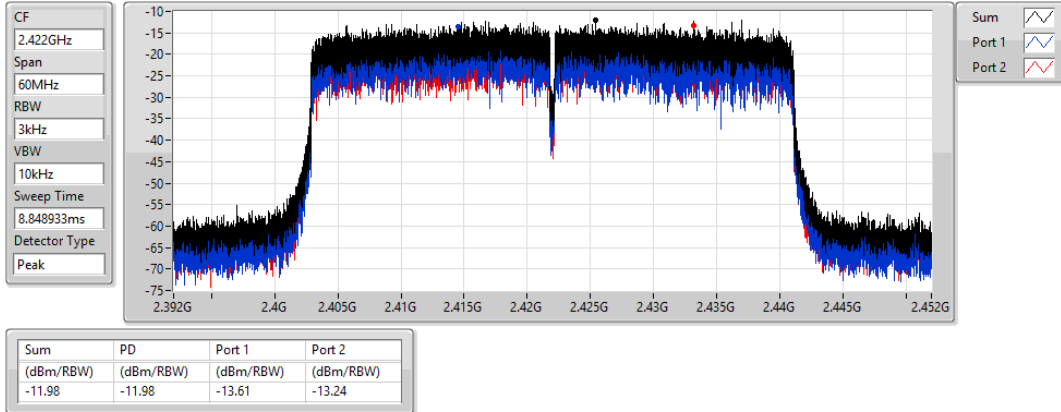
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.45	-7.45	-9.33	-10.50

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

2422MHz

15/06/2021

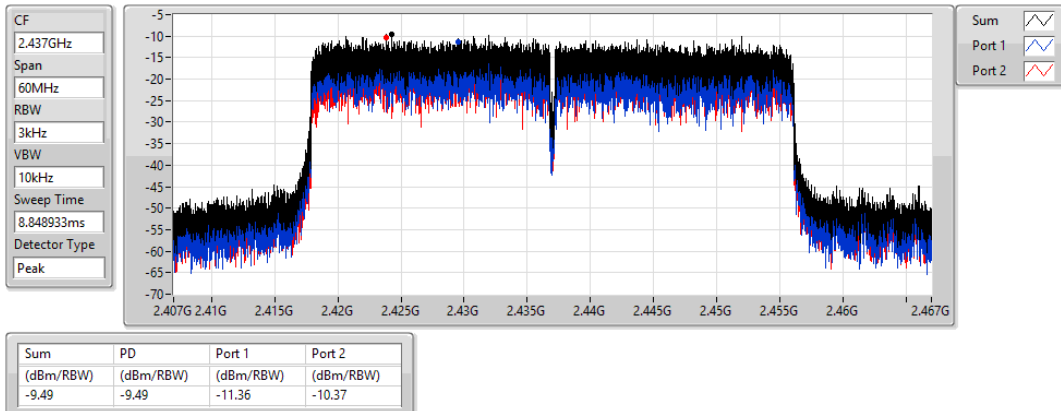


802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

2437MHz

15/06/2021

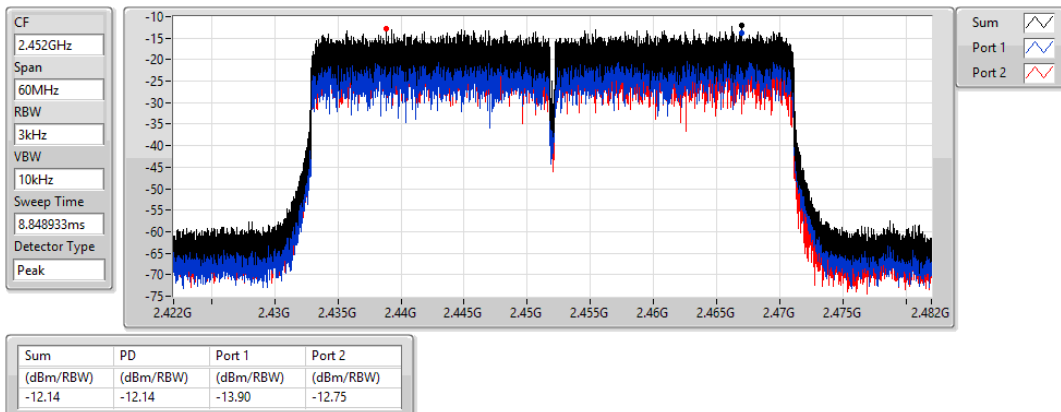


802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

2452MHz

15/06/2021





For 1T1S
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)_1TX	Pass	2.43749G	18.03	-11.97	47.77M	-49.18	2.39748G	-38.01	2.4G	-41.55	2.48608G	-48.11	15.20025G	-44.17	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.43198G	12.43	-17.57	47.77M	-49.01	2.39928G	-31.47	2.4G	-30.01	2.5041G	-49.82	15.20025G	-43.60	1
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	2.43073G	11.97	-18.03	47.77M	-47.30	2.4G	-26.28	2.4G	-26.07	2.49924G	-49.74	15.1862G	-43.69	1
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	2.43198G	5.29	-24.71	47.75M	-48.19	2.39952G	-32.98	2.4835G	-38.48	2.48446G	-35.87	6.95825G	-44.94	1

Result

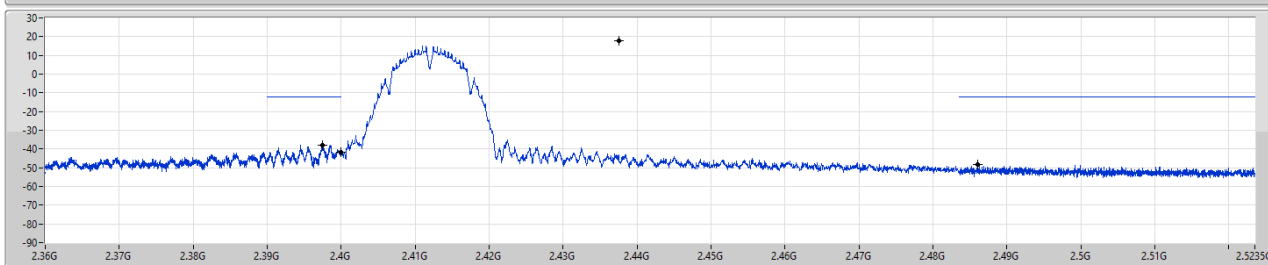
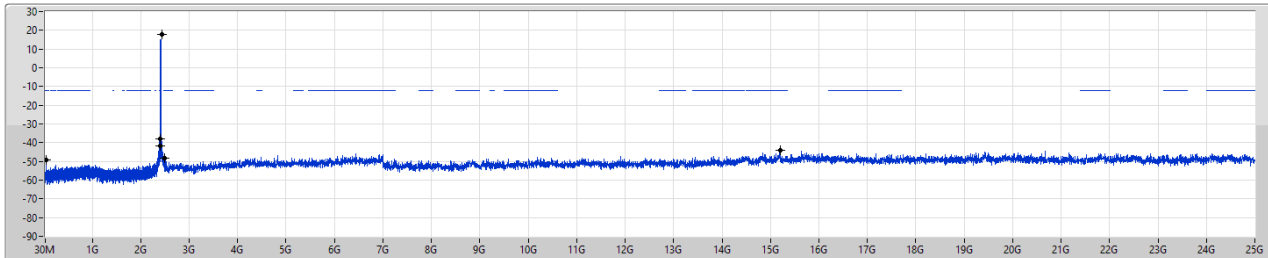
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43749G	18.03	-11.97	47.77M	-49.18	2.39748G	-38.01	2.4G	-41.55	2.48608G	-48.11	15.20025G	-44.17	1
2437MHz	Pass	2.43749G	18.03	-11.97	47.77M	-49.92	2.39952G	-41.11	2.4G	-43.54	2.48504G	-45.99	15.19463G	-42.89	1
2462MHz	Pass	2.43749G	18.03	-11.97	47.77M	-49.01	2.39738G	-46.11	2.4835G	-46.64	2.48446G	-39.40	6.90642G	-44.86	1
802.11g_Nss1(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43198G	12.43	-17.57	47.77M	-49.01	2.39928G	-31.47	2.4G	-30.01	2.5041G	-49.82	15.20025G	-43.60	1
2437MHz	Pass	2.43198G	12.43	-17.57	47.77M	-50.78	2.3998G	-35.33	2.4G	-38.32	2.48598G	-38.26	24.43528G	-43.81	1
2462MHz	Pass	2.43198G	12.43	-17.57	47.77M	-48.78	2.3982G	-47.48	2.4835G	-37.21	2.48388G	-37.61	24.09813G	-44.86	1
802.11ax HEW20_Nss1(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	11.97	-18.03	47.77M	-47.30	2.4G	-26.28	2.4G	-26.07	2.49924G	-49.74	15.1862G	-43.69	1
2437MHz	Pass	2.43073G	11.97	-18.03	47.77M	-49.49	2.39984G	-33.43	2.4G	-36.13	2.48482G	-36.65	24.57295G	-44.80	1
2462MHz	Pass	2.43073G	11.97	-18.03	47.77M	-49.49	2.39924G	-49.78	2.4835G	-49.99	2.48378G	-39.25	21.85048G	-44.13	1
802.11ax HEW40_Nss1(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43198G	5.29	-24.71	47.75M	-48.56	2.39948G	-37.48	2.4G	-40.28	2.48354G	-46.87	24.15302G	-45.06	1
2437MHz	Pass	2.43198G	5.29	-24.71	47.75M	-48.19	2.39952G	-32.98	2.4835G	-38.48	2.48446G	-35.87	6.95825G	-44.94	1
2452MHz	Pass	2.43198G	5.29	-24.71	47.75M	-50.70	2.39972G	-44.40	2.4835G	-40.86	2.48378G	-34.82	14.77176G	-44.50	1

802.11b_Nss1,(1Mbps)_1TX

2412MHz

CSE NdB

15/06/2021



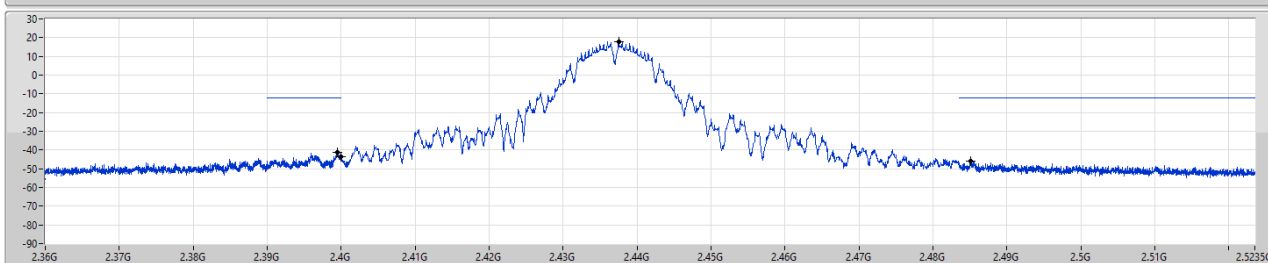
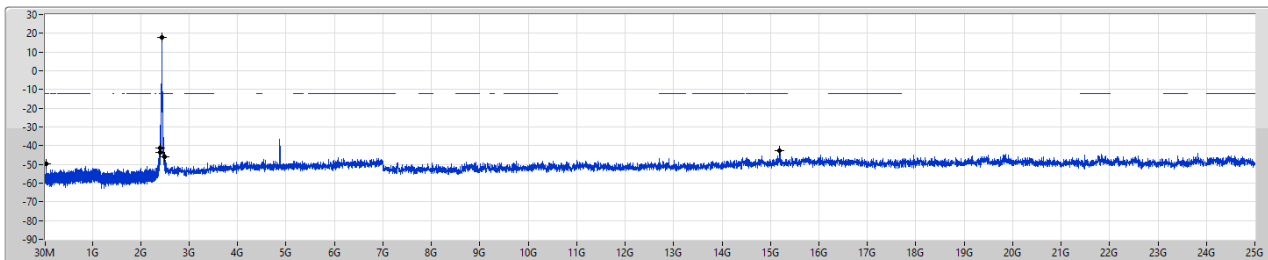
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43749G	18.03	-11.97	47.77M	-49.18	2.39748G	-38.01	2.4G	-41.55	2.48608G	-48.11	15.20025G	-44.17	1

802.11b_Nss1,(1Mbps)_1TX

2437MHz

CSE NdB

15/06/2021



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	18.03	-11.97	47.77M	-49.92	2.39952G	-41.11	2.4G	-43.54	2.48504G	-45.99	15.19463G	-42.89	1

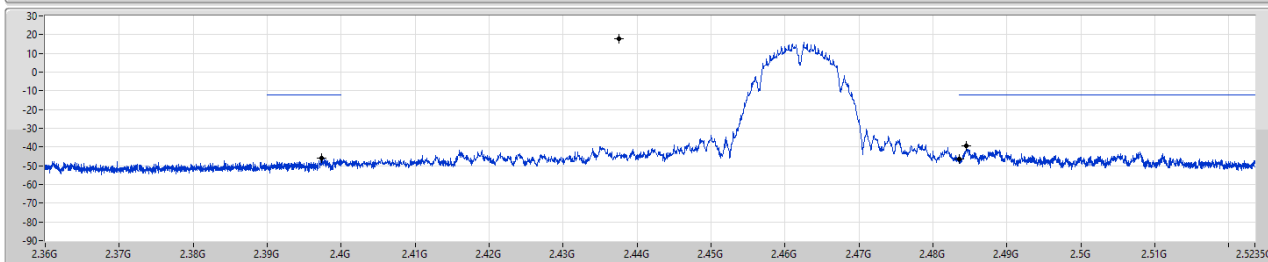
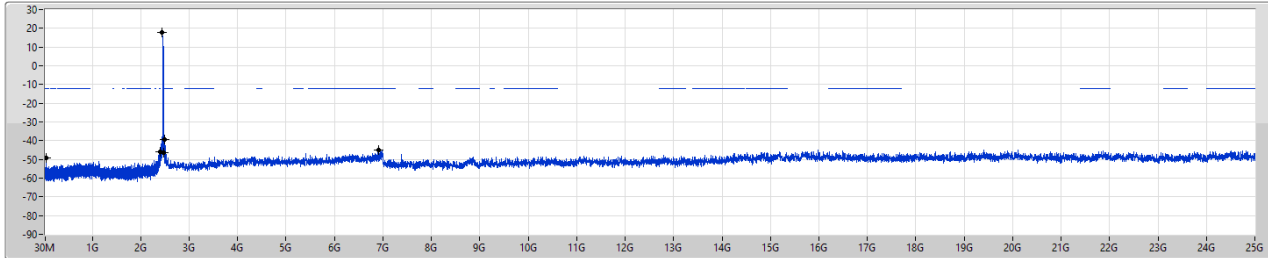
802.11b_Nss1,(1Mbps)_1TX

2462MHz

CSE NdB

15/06/2021

Port 1



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

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	18.03	-11.97	47.77M	-49.01	2.39738G	-46.11	2.4835G	-46.64	2.48446G	-39.40	6.90642G	-44.86	1

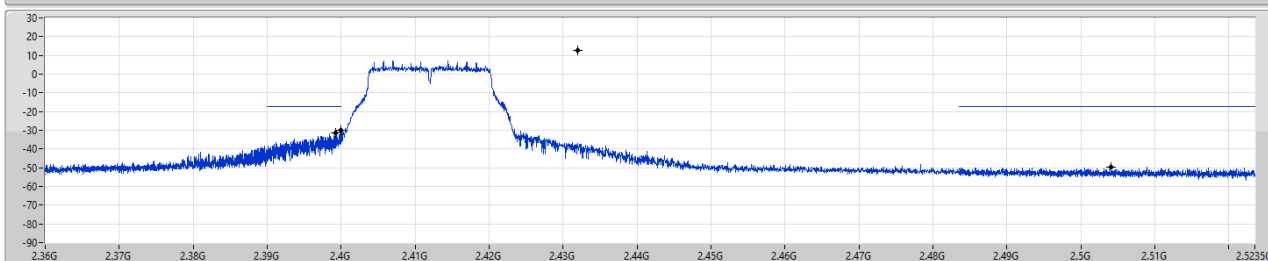
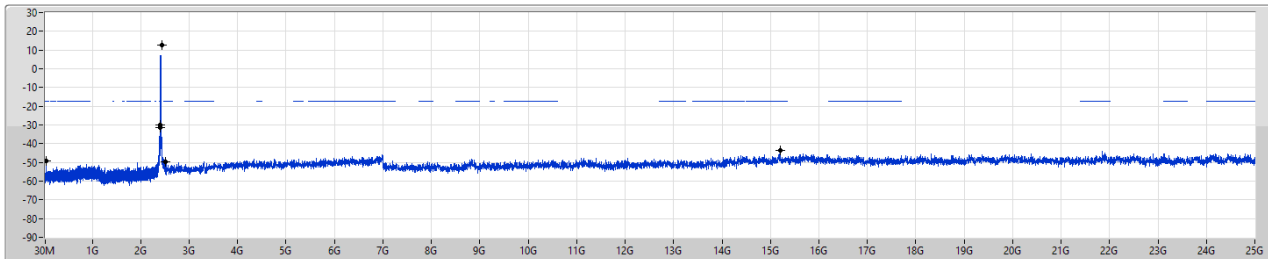
802.11g_Nss1,(6Mbps)_1TX

2412MHz

CSE NdB

15/06/2021

Port 1



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

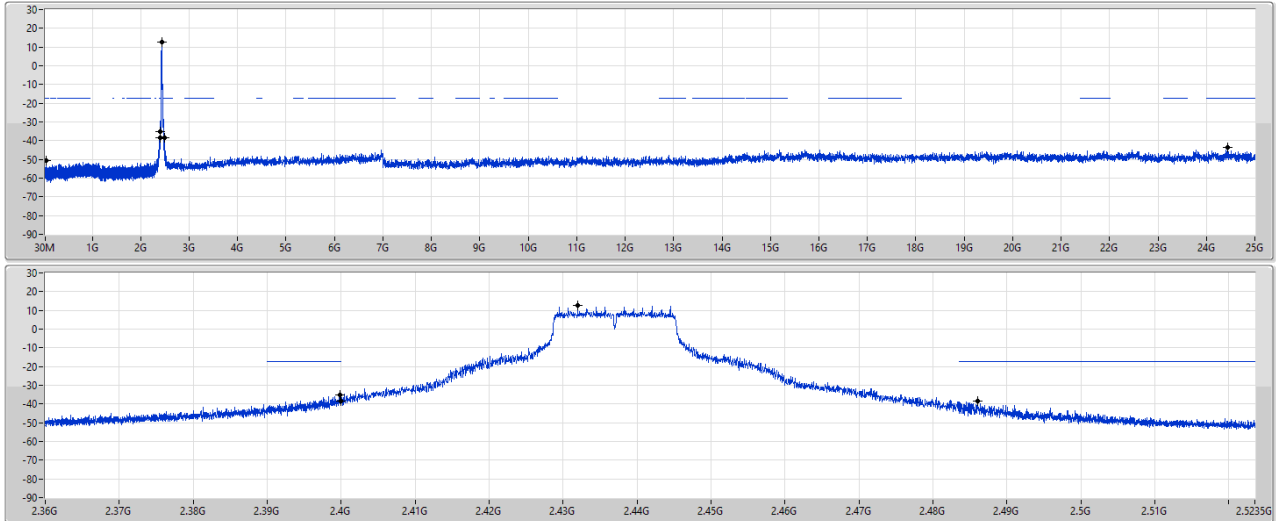
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	12.43	-17.57	47.77M	-49.01	2.39928G	-31.47	2.4G	-30.01	2.5041G	-49.82	15.20025G	-43.60	1

802.11g_Nss1,(6Mbps)_1TX

2437MHz

CSE NdB

15/06/2021



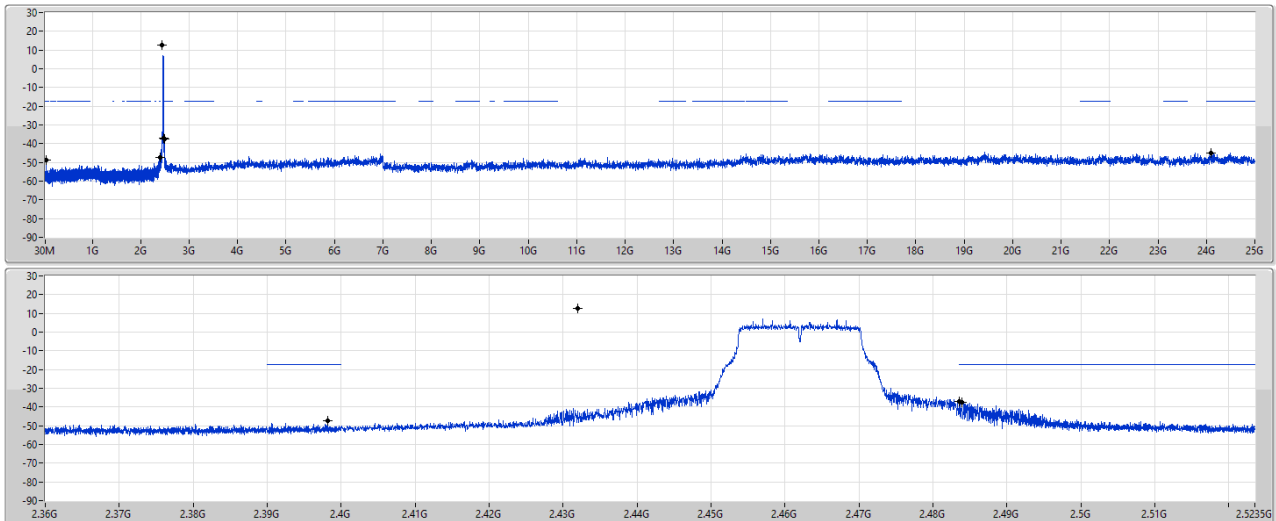
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	12.43	-17.57	47.77M	-50.78	2.3998G	-35.33	2.4G	-38.32	2.48598G	-38.26	2.43528G	-43.81	1

802.11g_Nss1,(6Mbps)_1TX

2462MHz

CSE NdB

15/06/2021

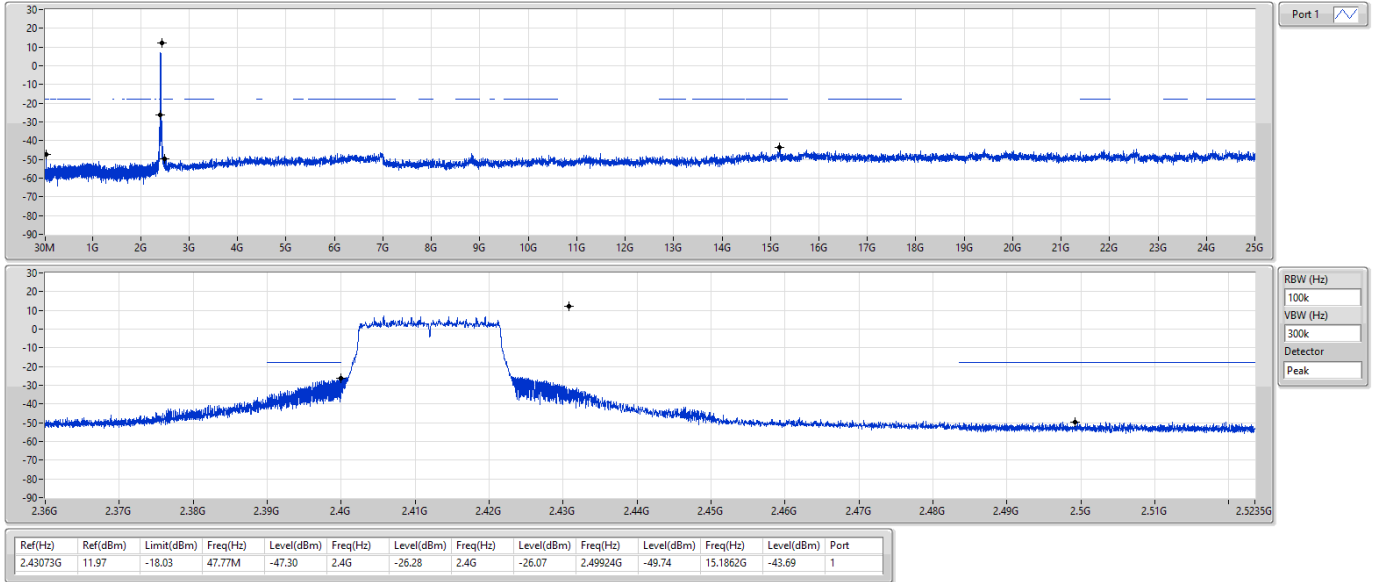


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	12.43	-17.57	47.77M	-48.78	2.3982G	-47.48	2.4835G	-37.21	2.48388G	-37.61	2.409813G	-44.86	1

802.11ax HEW20_Nss1,(MCS0)_1TX

CSE NdB

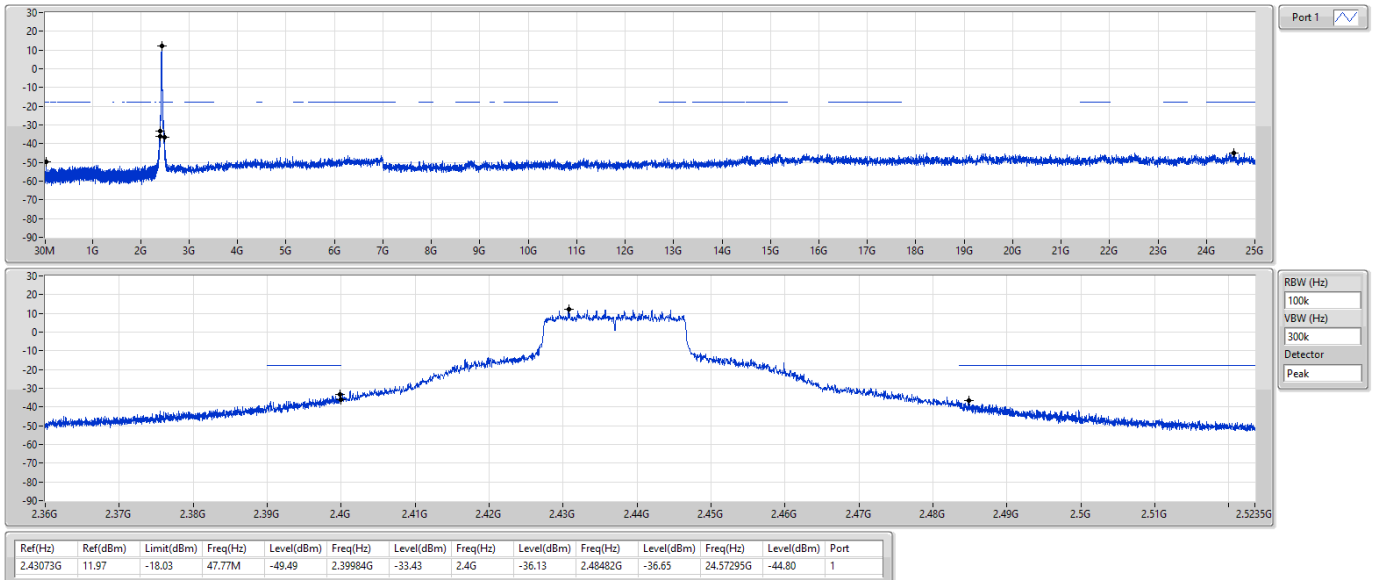
2412MHz



802.11ax HEW20_Nss1,(MCS0)_1TX

CSE NdB

2437MHz



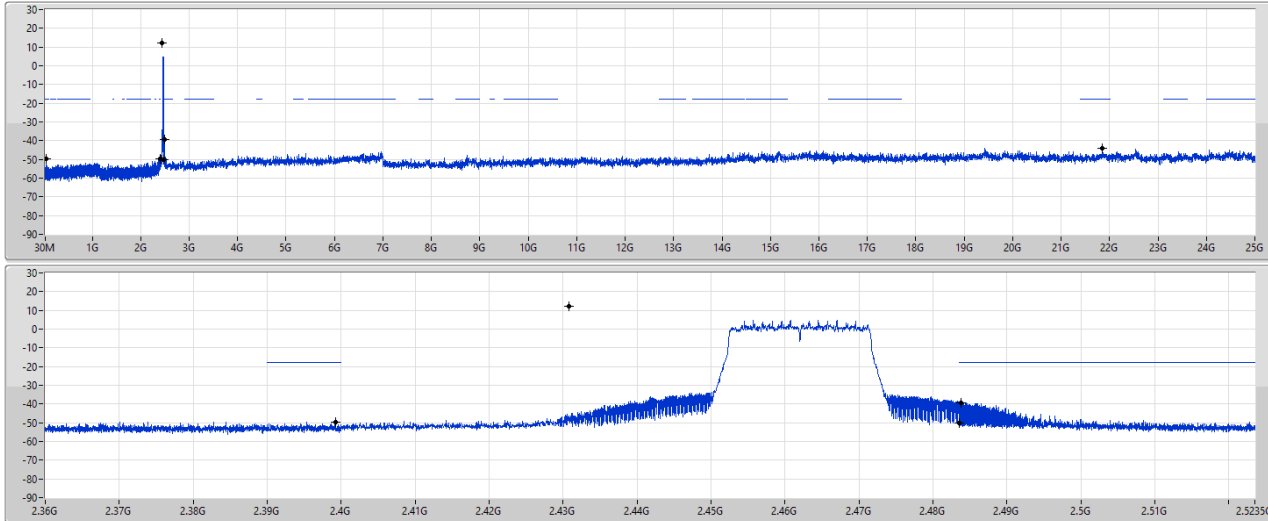
802.11ax HEW20_Nss1,(MCS0)_1TX

2462MHz

CSE NdB

15/06/2021

Port 1



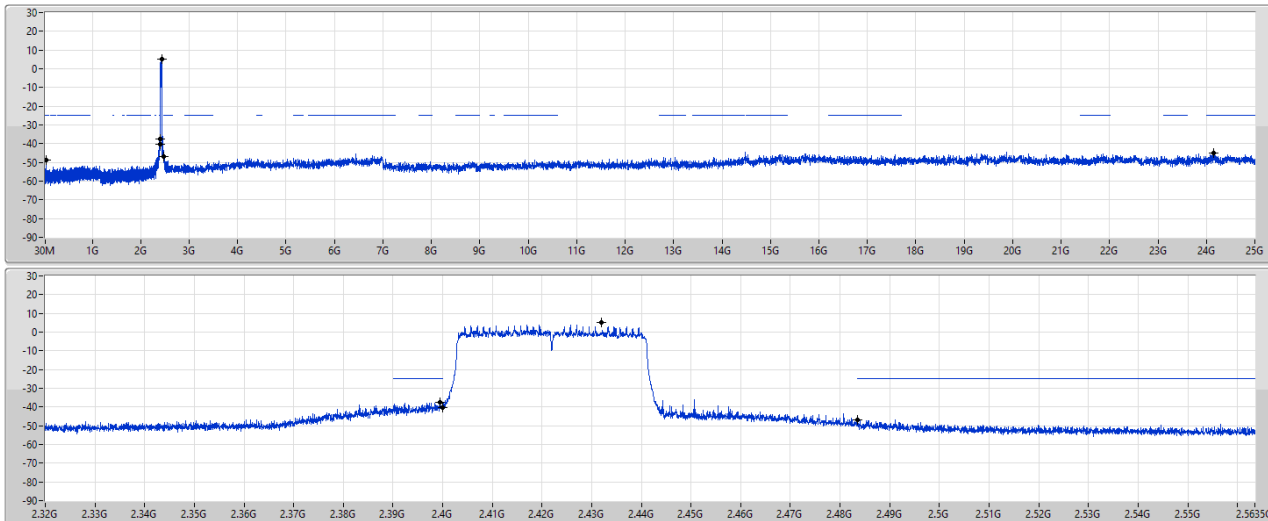
802.11ax HEW40_Nss1,(MCS0)_1TX

2422MHz

CSE NdB

15/06/2021

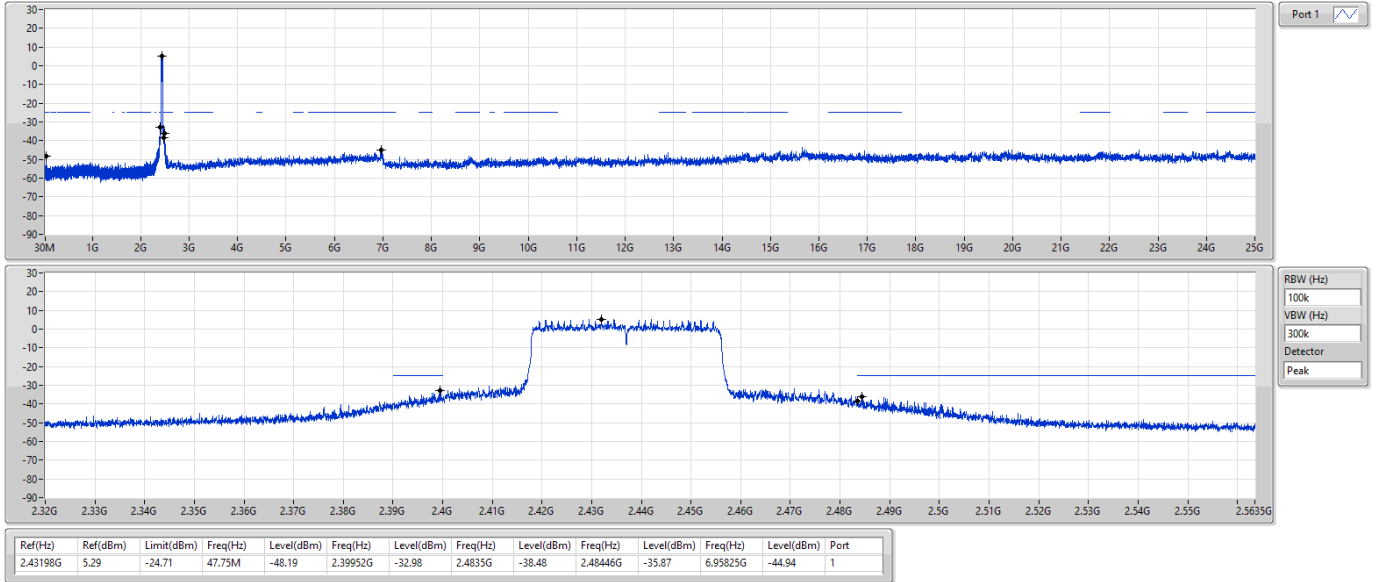
Port 1



802.11ax HEW40_Nss1,(MCS0)_1TX

CSE NdB

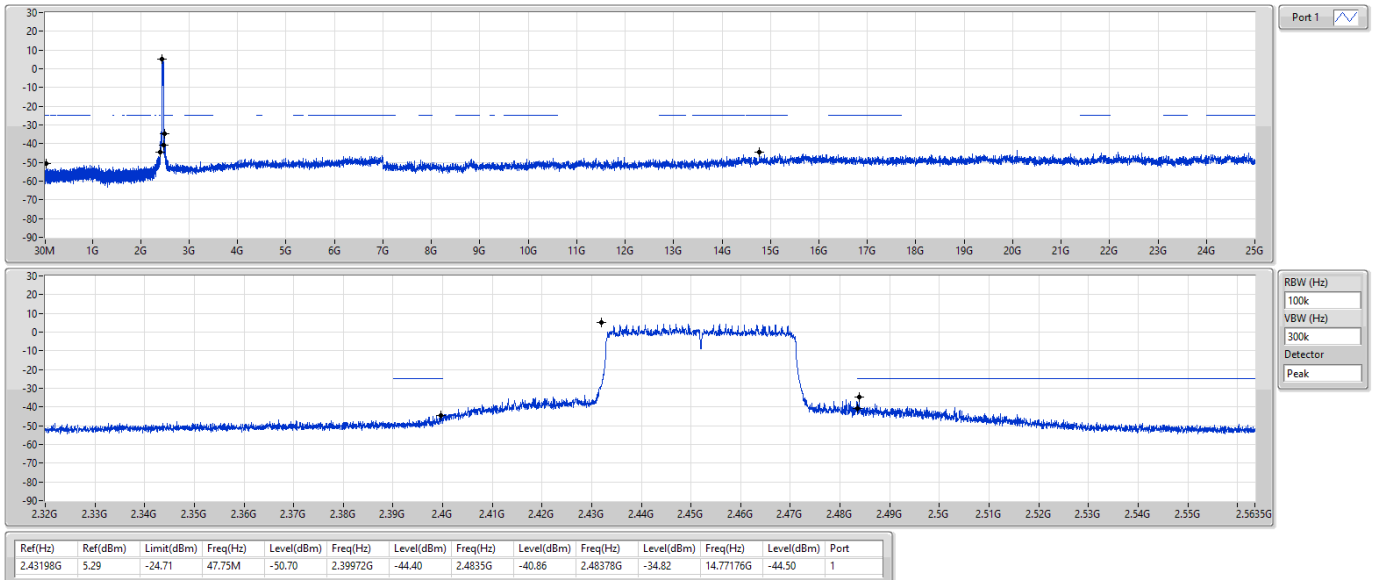
2437MHz



802.11ax HEW40_Nss1,(MCS0)_1TX

CSE NdB

2452MHz





For 2T1S
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	17.80	-12.20	47.77M	-49.45	2.3965G	-35.72	2.4G	-43.27	2.4843G	-48.84	17.43666G	-44.86	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.44446G	11.87	-18.13	47.77M	-46.48	2.3992G	-28.37	2.4G	-38.15	2.52102G	-49.81	14.82657G	-44.58	2

Result

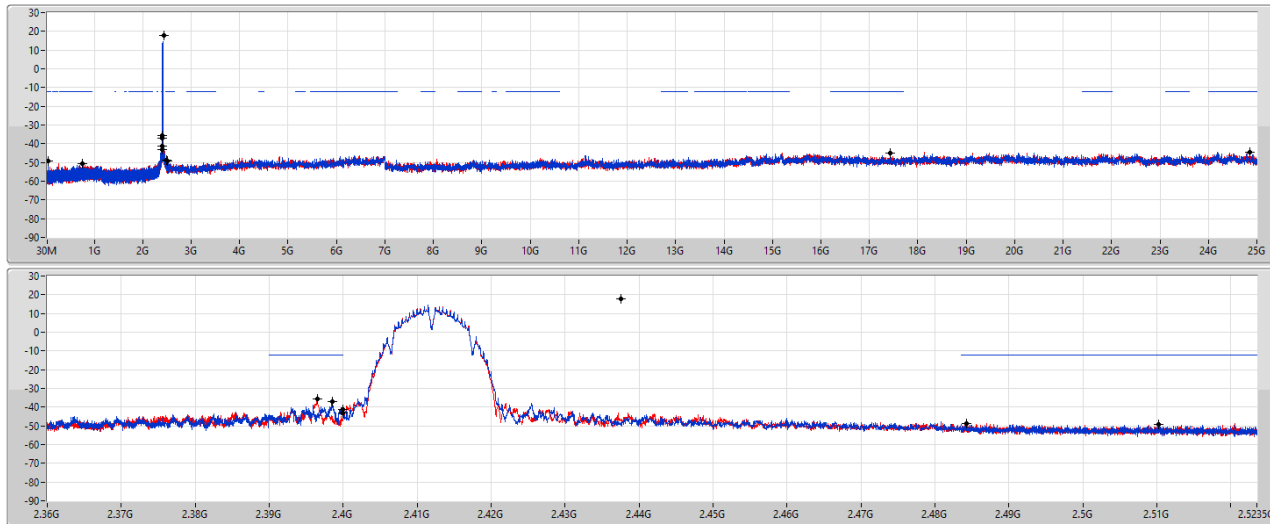
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1.(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43749G	17.80	-12.20	746.18M	-50.59	2.39848G	-36.88	2.4G	-41.07	2.51022G	-49.01	24.8539G	-44.61	1
2412MHz	Pass	2.43749G	17.80	-12.20	47.77M	-49.45	2.3965G	-35.72	2.4G	-43.27	2.4843G	-48.84	17.43666G	-44.86	2
2437MHz	Pass	2.43749G	17.80	-12.20	47.77M	-48.66	2.39904G	-42.89	2.4G	-47.05	2.48648G	-45.15	15.1862G	-45.45	1
2437MHz	Pass	2.43749G	17.80	-12.20	47.48M	-47.79	2.39076G	-44.38	2.4G	-46.07	2.4883G	-45.87	6.99632G	-44.13	2
2462MHz	Pass	2.43749G	17.80	-12.20	47.77M	-48.90	2.39916G	-47.93	2.4835G	-45.54	2.48434G	-43.00	24.76119G	-44.85	1
2462MHz	Pass	2.43749G	17.80	-12.20	47.77M	-49.64	2.39792G	-47.03	2.4835G	-40.95	2.48596G	-40.09	15.16934G	-44.74	2
802.11g_Nss1.(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44446G	11.87	-18.13	47.48M	-49.46	2.39988G	-30.42	2.4G	-31.44	2.51994G	-49.45	24.74995G	-44.64	1
2412MHz	Pass	2.44446G	11.87	-18.13	47.77M	-46.48	2.3992G	-28.37	2.4G	-38.15	2.52102G	-49.81	14.82657G	-44.58	2
2437MHz	Pass	2.44446G	11.87	-18.13	47.77M	-47.09	2.39922G	-36.99	2.4G	-40.80	2.4839G	-41.87	24.19366G	-45.29	1
2437MHz	Pass	2.44446G	11.87	-18.13	48.06M	-50.24	2.39732G	-34.89	2.4G	-37.71	2.48576G	-36.09	6.97104G	-43.57	2
2462MHz	Pass	2.44446G	11.87	-18.13	47.77M	-48.96	2.3997G	-49.86	2.4835G	-44.09	2.48452G	-42.30	24.10375G	-43.95	1
2462MHz	Pass	2.44446G	11.87	-18.13	49.81M	-49.73	2.39712G	-49.08	2.4835G	-45.09	2.4836G	-39.52	15.20025G	-45.21	2

802.11b_Nss1,(1Mbps)_2TX

2412MHz

CSE NdB

15/06/2021



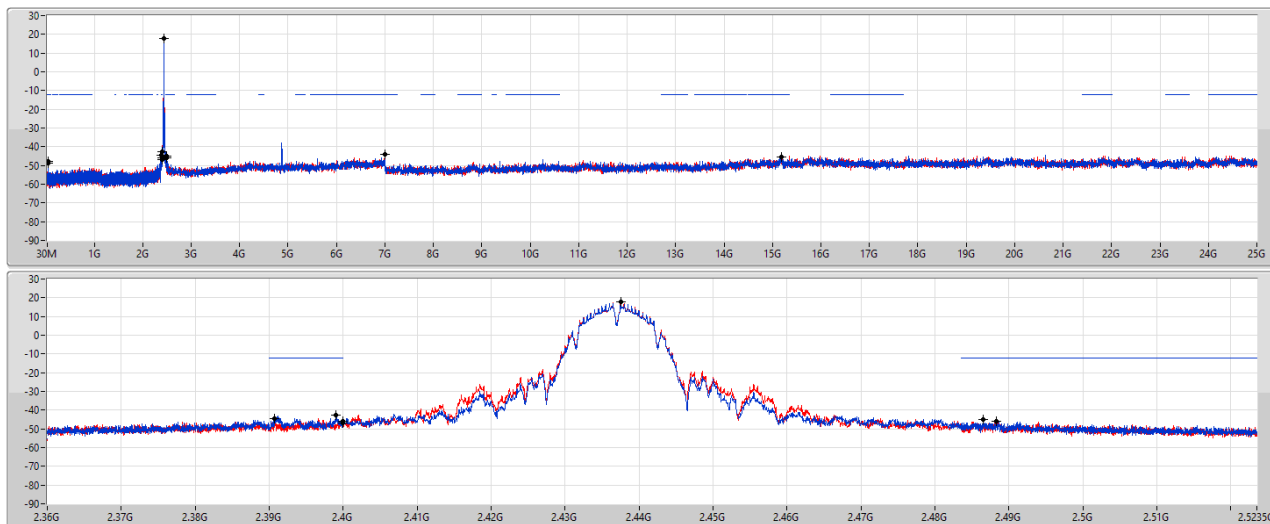
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43749G	17.80	-12.20	746.18M	-50.59	2.39848G	-36.88	2.4G	-41.07	2.51022G	-49.01	24.8539G	-44.61	1
2.43749G	17.80	-12.20	47.77M	-49.45	2.3965G	-35.72	2.4G	-43.27	2.4843G	-48.84	17.43666G	-44.86	2

802.11b_Nss1,(1Mbps)_2TX

2437MHz

CSE NdB

15/06/2021



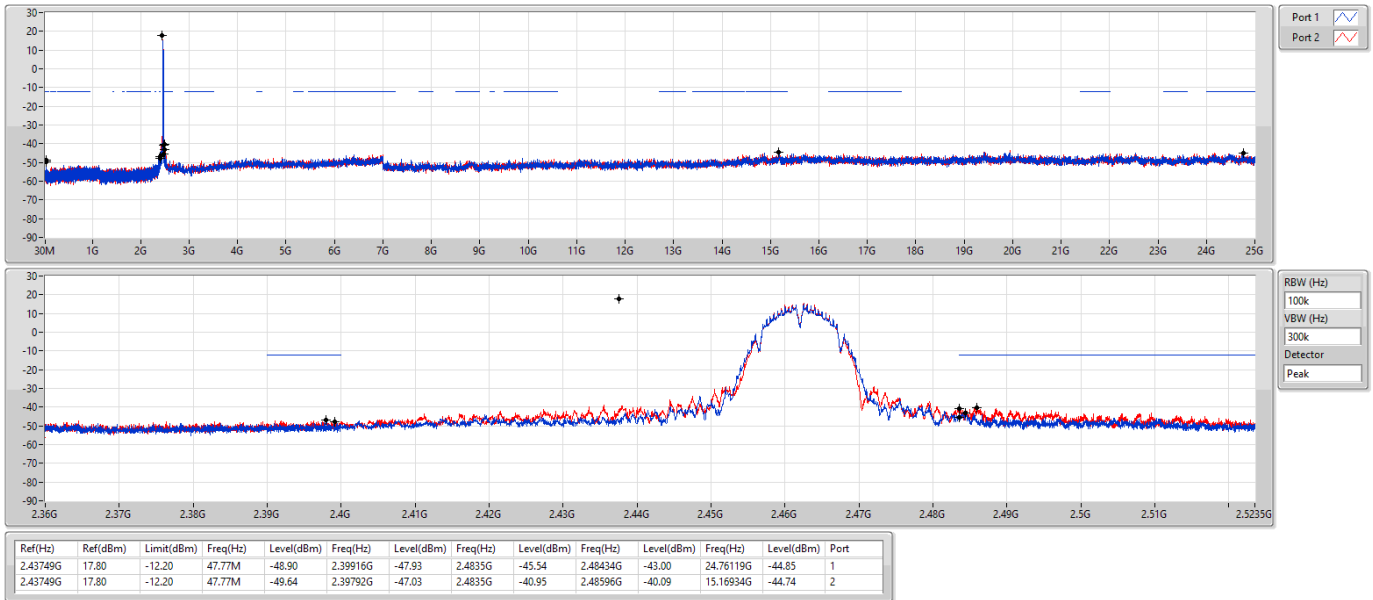
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43749G	17.80	-12.20	47.77M	-48.66	2.39904G	-42.89	2.4G	-47.05	2.48648G	-45.15	15.1862G	-45.45	1
2.43749G	17.80	-12.20	47.48M	-47.79	2.39076G	-44.38	2.4G	-46.07	2.4883G	-45.87	6.99632G	-44.13	2

802.11b_Nss1,(1Mbps)_2TX

2462MHz

CSE NdB

15/06/2021

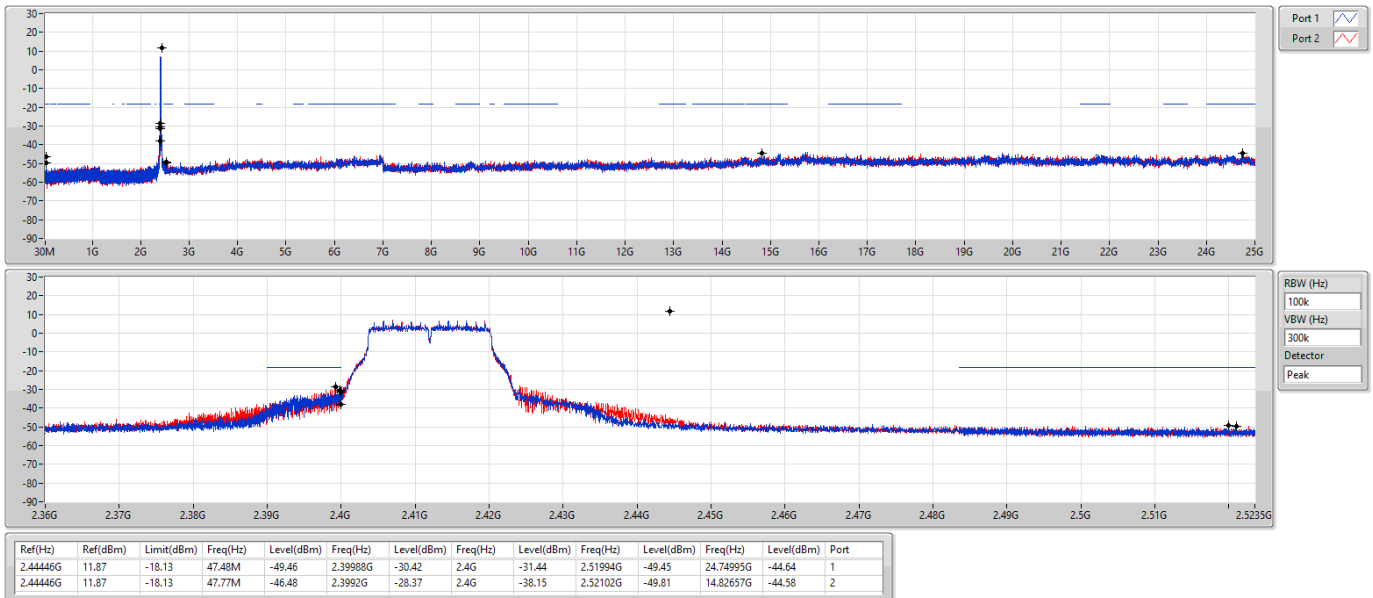


802.11g_Nss1,(6Mbps)_2TX

2412MHz

CSE NdB

15/06/2021

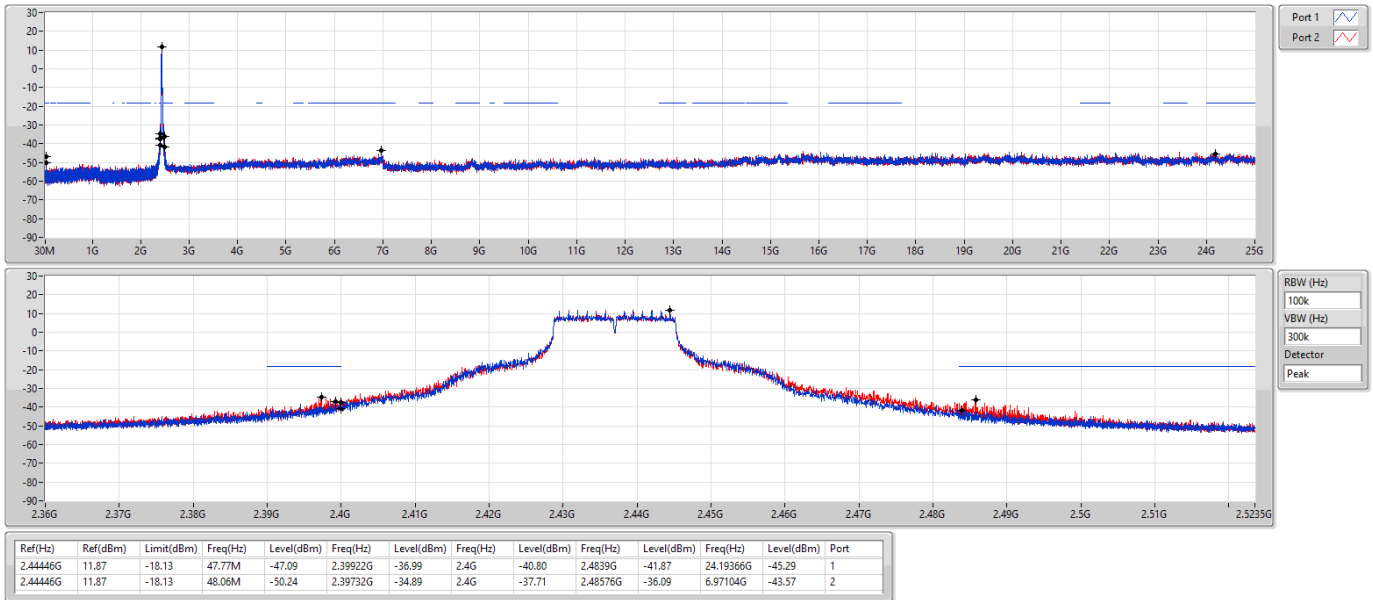


802.11g_Nss1,(6Mbps)_2TX

2437MHz

CSE NdB

15/06/2021

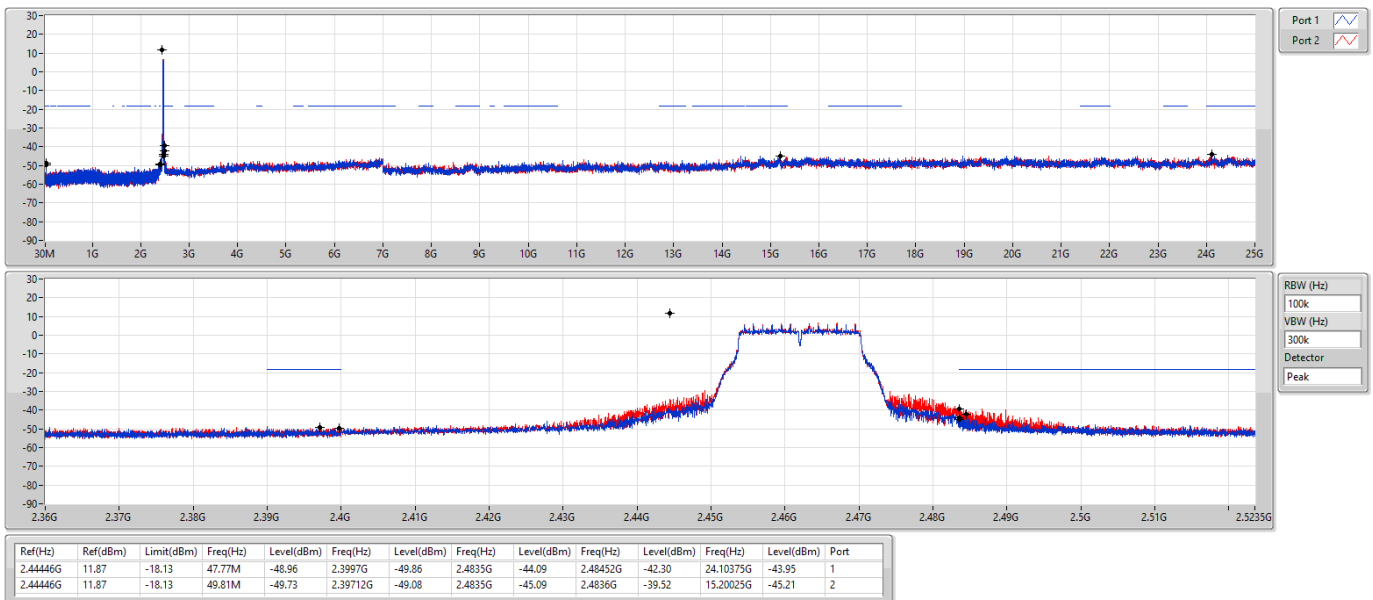


802.11g_Nss1,(6Mbps)_2TX

2462MHz

CSE NdB

15/06/2021





For 2T2S
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_Nss2,(MCS0)_2TX	Pass	2.442G	10.96	-19.04	47.77M	-50.76	2.39998G	-26.22	2.4G	-25.39	2.49046G	-49.23	14.84905G	-44.03	2
802.11ax HEW40_Nss2,(MCS0)_2TX	Pass	2.43198G	5.54	-24.46	2.30397G	-49.83	2.39832G	-29.91	2.4G	-34.79	2.48358G	-37.12	6.9863G	-45.00	2

Result

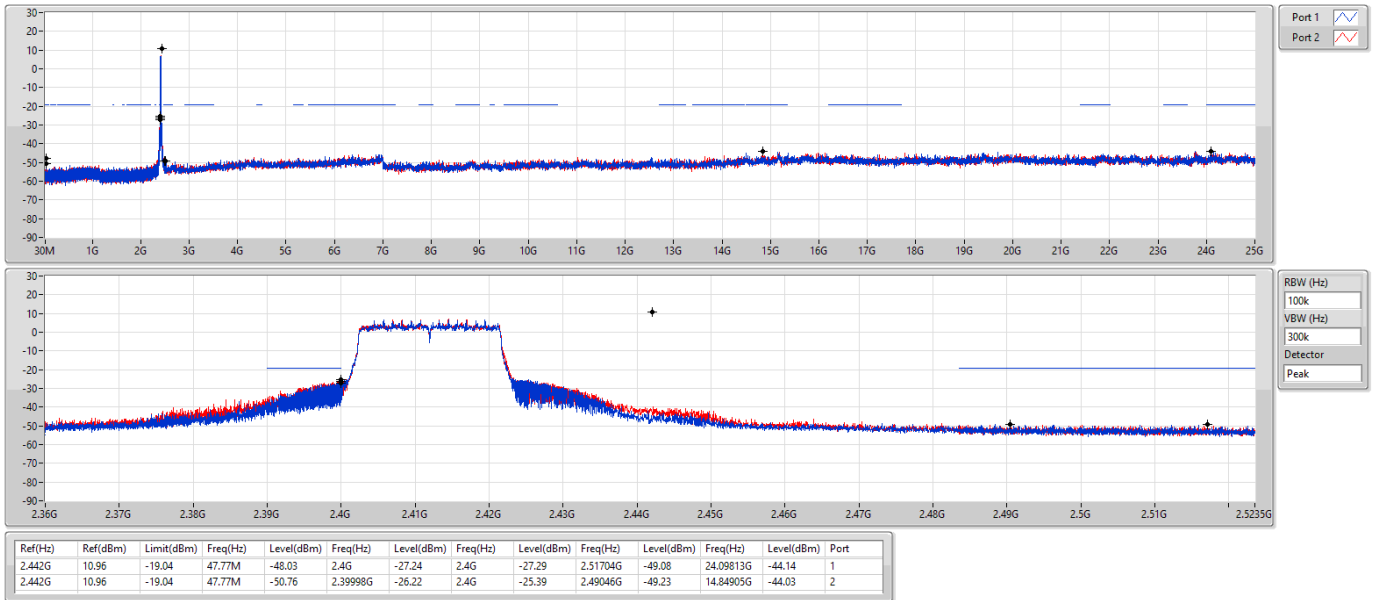
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.442G	10.96	-19.04	47.77M	-48.03	2.4G	-27.24	2.4G	-27.29	2.51704G	-49.08	24.09813G	-44.14	1
2412MHz	Pass	2.442G	10.96	-19.04	47.77M	-50.76	2.39998G	-26.22	2.4G	-25.39	2.49046G	-49.23	14.84905G	-44.03	2
2437MHz	Pass	2.442G	10.96	-19.04	47.77M	-47.37	2.39604G	-36.96	2.4G	-38.27	2.48548G	-40.91	24.55328G	-45.00	1
2437MHz	Pass	2.442G	10.96	-19.04	47.77M	-51.23	2.39886G	-37.53	2.4G	-37.09	2.48466G	-38.22	6.98789G	-44.02	2
2462MHz	Pass	2.442G	10.96	-19.04	47.77M	-49.45	2.39272G	-48.12	2.4835G	-41.90	2.48358G	-36.52	24.52799G	-44.63	1
2462MHz	Pass	2.442G	10.96	-19.04	47.48M	-49.75	2.39846G	-48.37	2.4835G	-35.14	2.48418G	-32.86	15.18058G	-45.43	2
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43198G	5.54	-24.46	2.30168G	-50.71	2.39952G	-36.88	2.4G	-41.65	2.48478G	-48.04	15.19805G	-44.14	1
2422MHz	Pass	2.43198G	5.54	-24.46	47.75M	-50.58	2.39952G	-37.05	2.4G	-41.27	2.48702G	-47.33	15.17562G	-44.62	2
2437MHz	Pass	2.43198G	5.54	-24.46	2.30283G	-49.73	2.39828G	-31.45	2.4G	-37.46	2.48582G	-38.13	24.45311G	-44.52	1
2437MHz	Pass	2.43198G	5.54	-24.46	2.30397G	-49.83	2.39832G	-29.91	2.4G	-34.79	2.48358G	-37.12	6.9863G	-45.00	2
2452MHz	Pass	2.43198G	5.54	-24.46	47.46M	-49.69	2.39924G	-46.63	2.4835G	-45.59	2.48446G	-40.62	24.19509G	-44.54	1
2452MHz	Pass	2.43198G	5.54	-24.46	2.30597G	-50.47	2.39916G	-45.74	2.4835G	-43.43	2.48374G	-33.25	24.88501G	-45.19	2

802.11ax HEW20_Nss2,(MCS0)_2TX

CSE NdB

2412MHz

15/06/2021

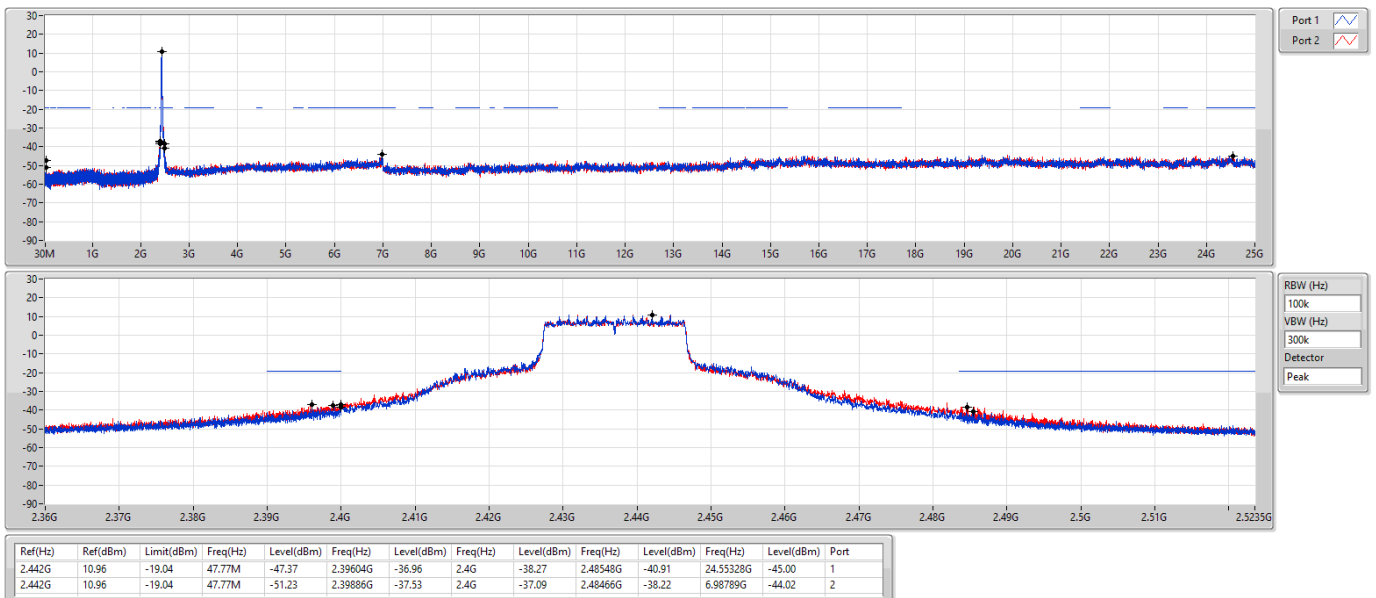


802.11ax HEW20_Nss2,(MCS0)_2TX

CSE NdB

2437MHz

15/06/2021

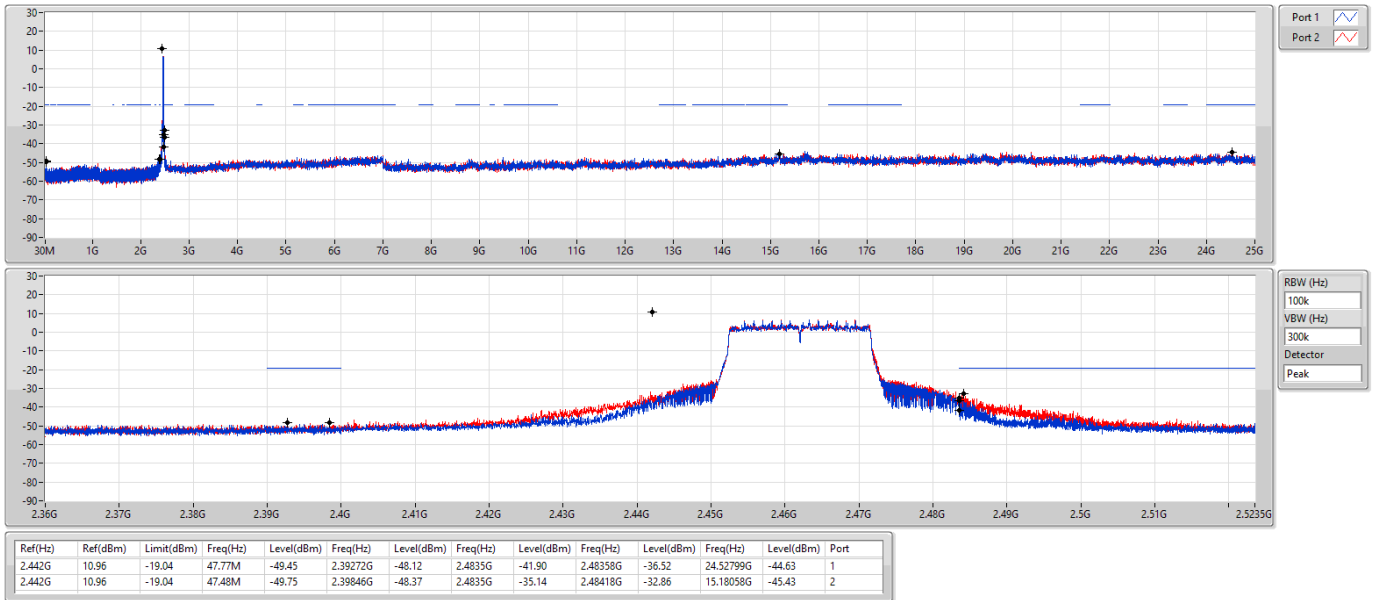


802.11ax HEW20_Nss2,(MCS0)_2TX

2462MHz

CSE NdB

15/06/2021

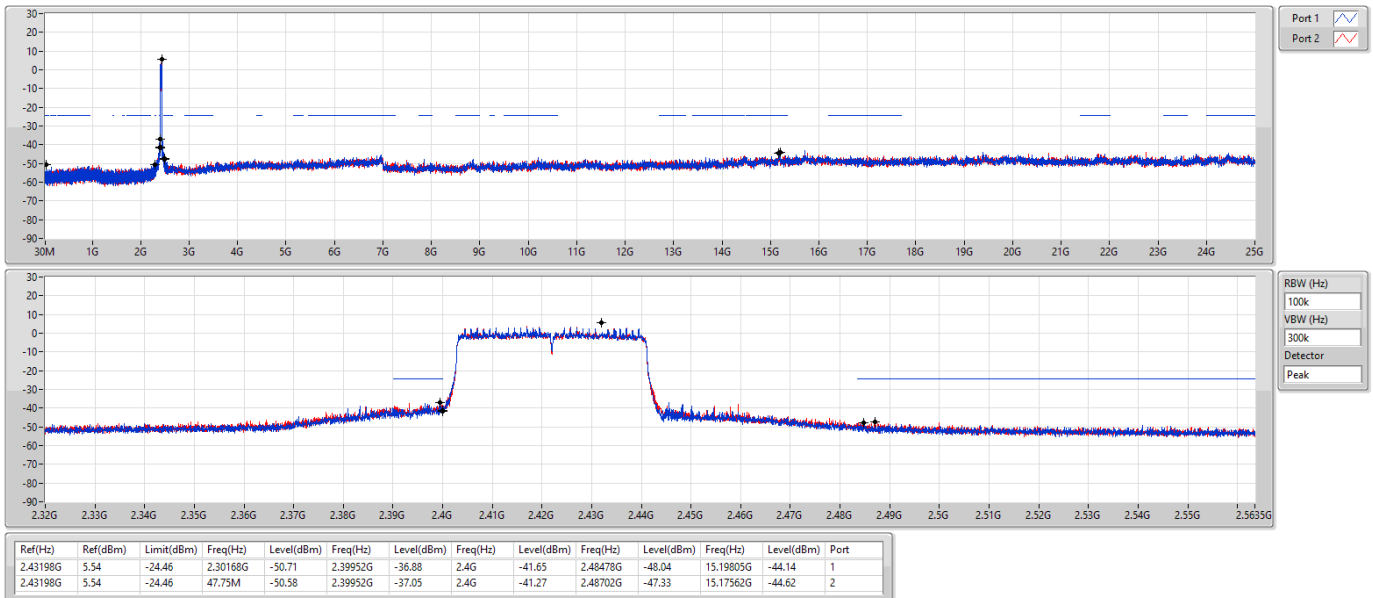


802.11ax HEW40_Nss2,(MCS0)_2TX

2422MHz

CSE NdB

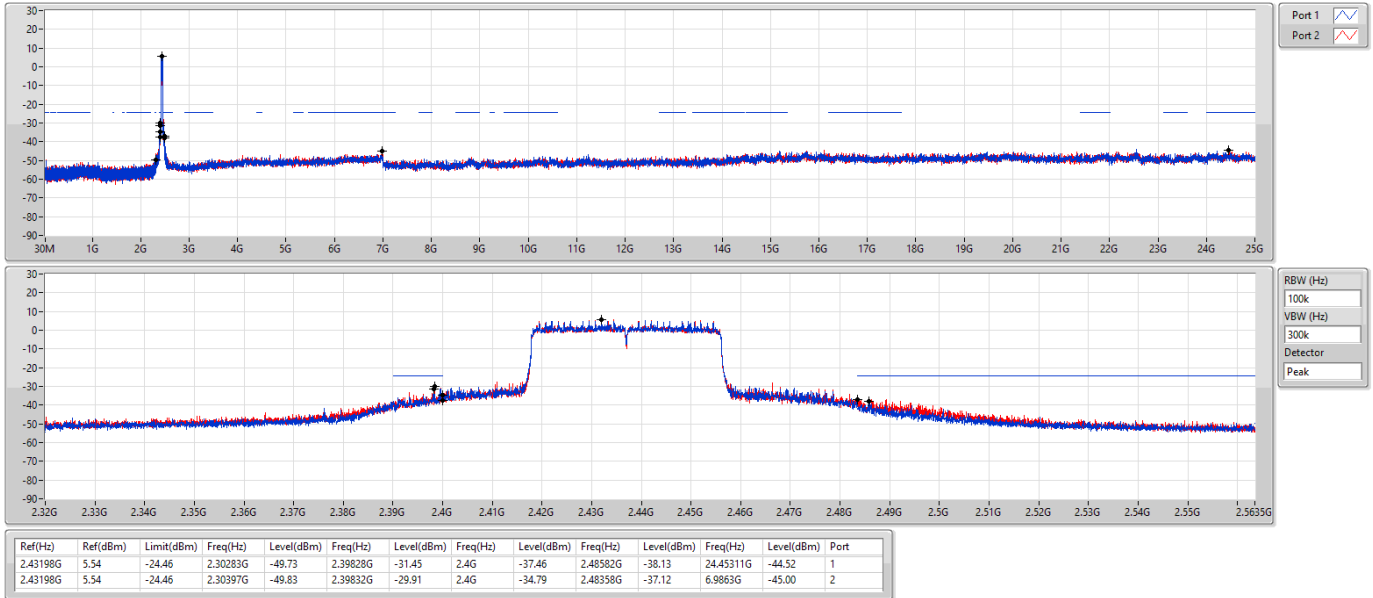
15/06/2021



802.11ax HEW40_Nss2,(MCS0)_2TX

CSE NdB

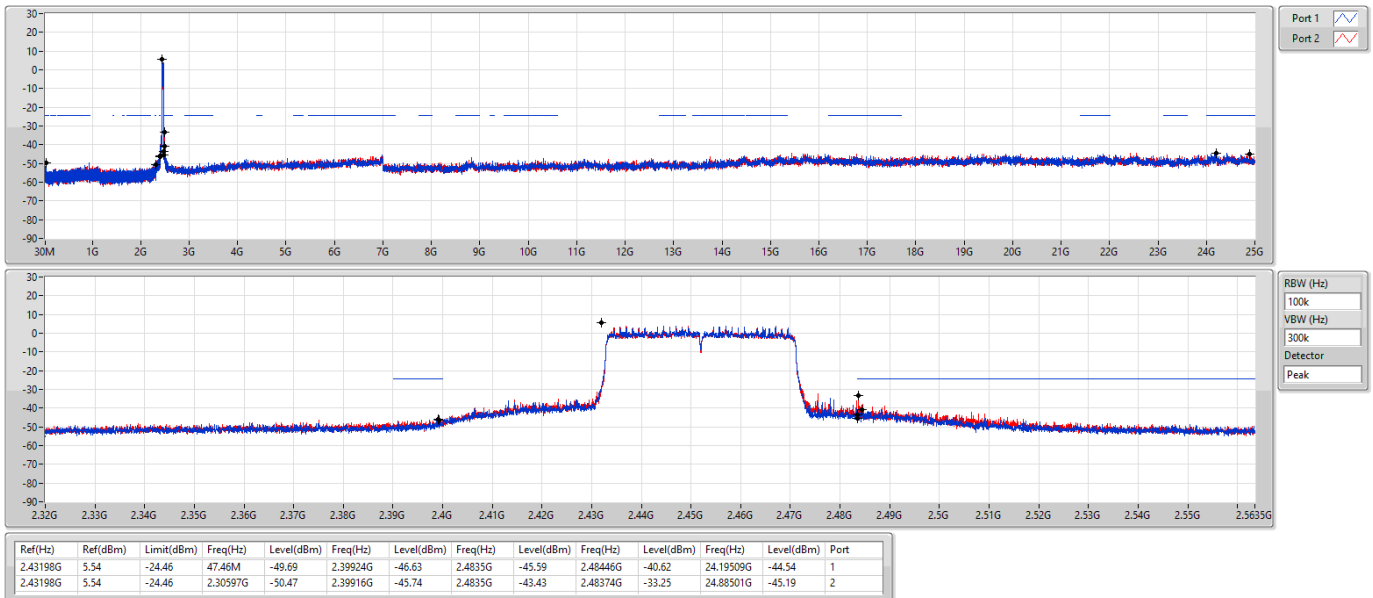
2437MHz



802.11ax HEW40_Nss2,(MCS0)_2TX

CSE NdB

2452MHz



**For Scanning radio 3 / 2T1S and 2T2S
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	17.26	-12.74	47.77M	-50.21	2.4G	-27.43	2.4G	-26.78	2.4941G	-48.94	21.92072G	-43.29	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.442G	11.28	-18.72	47.77M	-47.71	2.3998G	-31.29	2.4G	-33.63	2.49512G	-49.05	24.44933G	-44.13	2
802.11ax HEW20_Nss2,(MCS0)_2TX	Pass	2.43073G	11.58	-18.42	47.77M	-49.31	2.39742G	-23.93	2.4G	-30.72	2.48588G	-49.60	16.52074G	-44.87	1
802.11ax HEW40_Nss2,(MCS0)_2TX	Pass	2.43198G	4.96	-25.04	47.75M	-47.98	2.39976G	-26.56	2.4G	-31.64	2.48538G	-34.20	15.20086G	-43.89	2

Result

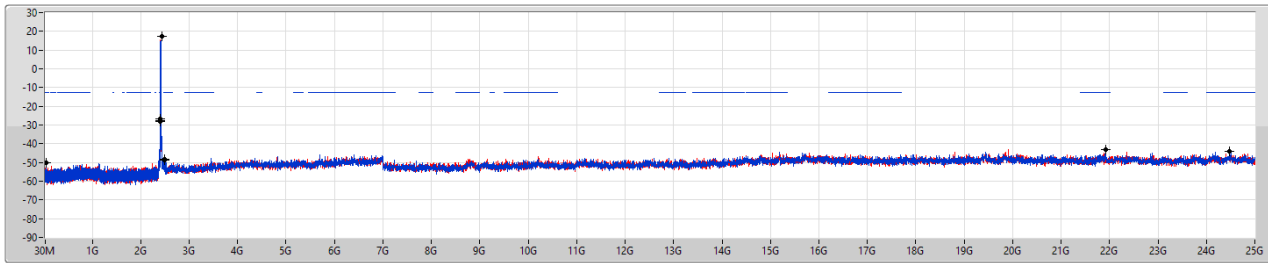
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1.(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43649G	17.26	-12.74	47.77M	-50.21	2.4G	-27.43	2.4G	-26.78	2.4941G	-48.94	21.92072G	-43.29	1
2412MHz	Pass	2.43649G	17.26	-12.74	47.77M	-49.94	2.4G	-27.52	2.4G	-28.06	2.4925G	-48.24	24.47742G	-44.23	2
2437MHz	Pass	2.43649G	17.26	-12.74	677.74M	-51.17	2.3995G	-35.49	2.4G	-42.16	2.48548G	-42.20	15.19744G	-44.41	1
2437MHz	Pass	2.43649G	17.26	-12.74	49.81M	-50.20	2.39952G	-37.37	2.4G	-38.85	2.48544G	-43.55	24.09251G	-44.99	2
2462MHz	Pass	2.43649G	17.26	-12.74	47.48M	-50.75	2.39856G	-49.65	2.4835G	-44.73	2.4835G	-44.44	15.18058G	-45.08	1
2462MHz	Pass	2.43649G	17.26	-12.74	47.77M	-48.46	2.39308G	-49.50	2.4835G	-48.24	2.48636G	-46.04	24.764G	-43.63	2
802.11g_Nss1.(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.442G	11.28	-18.72	47.77M	-49.59	2.39952G	-32.56	2.4G	-34.70	2.49404G	-48.87	24.14027G	-43.99	1
2412MHz	Pass	2.442G	11.28	-18.72	47.77M	-47.71	2.3998G	-31.29	2.4G	-33.63	2.49512G	-49.05	24.44933G	-44.13	2
2437MHz	Pass	2.442G	11.28	-18.72	47.77M	-50.06	2.3992G	-32.78	2.4G	-36.59	2.48416G	-38.44	15.16372G	-44.59	1
2437MHz	Pass	2.442G	11.28	-18.72	47.77M	-49.32	2.39762G	-32.14	2.4G	-34.83	2.48476G	-38.25	15.17496G	-45.35	2
2462MHz	Pass	2.442G	11.28	-18.72	47.77M	-50.43	2.39984G	-50.67	2.4835G	-47.51	2.48388G	-41.08	24.12623G	-44.64	1
2462MHz	Pass	2.442G	11.28	-18.72	47.77M	-50.83	2.39172G	-49.94	2.4835G	-46.45	2.48356G	-40.90	15.18901G	-43.98	2
802.11ax HEW20_Nss2.(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	11.58	-18.42	47.77M	-49.31	2.39742G	-23.93	2.4G	-30.72	2.48588G	-49.60	16.52074G	-44.87	1
2412MHz	Pass	2.43073G	11.58	-18.42	48.06M	-50.15	2.3995G	-26.42	2.4G	-32.80	2.48836G	-49.80	24.13185G	-44.70	2
2437MHz	Pass	2.43073G	11.58	-18.42	47.77M	-50.42	2.3991G	-32.13	2.4G	-33.56	2.48392G	-38.02	6.99632G	-44.82	1
2437MHz	Pass	2.43073G	11.58	-18.42	47.77M	-50.18	2.3994G	-33.71	2.4G	-36.22	2.4854G	-38.64	15.18058G	-42.75	2
2462MHz	Pass	2.43073G	11.58	-18.42	47.77M	-45.99	2.39552G	-50.23	2.4835G	-43.06	2.48414G	-39.91	15.1862G	-43.98	1
2462MHz	Pass	2.43073G	11.58	-18.42	47.48M	-51.14	2.39858G	-50.32	2.4835G	-41.77	2.48472G	-39.27	24.43528G	-44.35	2
802.11ax HEW40_Nss2.(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43198G	4.96	-25.04	47.75M	-48.96	2.39052G	-38.15	2.4G	-41.75	2.48662G	-49.77	24.73637G	-44.64	1
2422MHz	Pass	2.43198G	4.96	-25.04	47.75M	-49.56	2.4G	-36.13	2.4G	-36.53	2.4835G	-48.36	15.17562G	-44.95	2
2437MHz	Pass	2.43198G	4.96	-25.04	47.75M	-50.77	2.39976G	-27.49	2.4G	-31.92	2.48542G	-35.67	24.84855G	-45.41	1
2437MHz	Pass	2.43198G	4.96	-25.04	47.75M	-47.98	2.39976G	-26.56	2.4G	-31.64	2.48538G	-34.20	15.20086G	-43.89	2
2452MHz	Pass	2.43198G	4.96	-25.04	47.75M	-50.46	2.39452G	-48.64	2.4835G	-45.15	2.48698G	-38.04	24.56249G	-44.68	1
2452MHz	Pass	2.43198G	4.96	-25.04	47.75M	-49.21	2.39884G	-47.33	2.4835G	-43.73	2.48498G	-39.15	24.02121G	-45.04	2

802.11b_Nss1,(1Mbps)_2TX

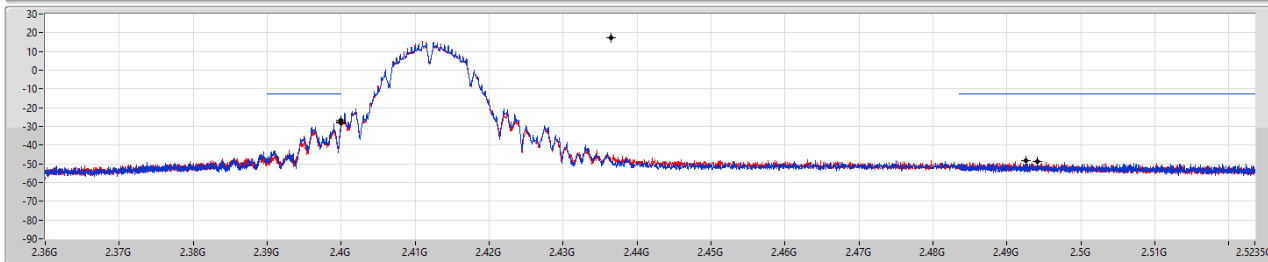
2412MHz

CSE NdB

15/06/2021



Port 1
Port 2



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

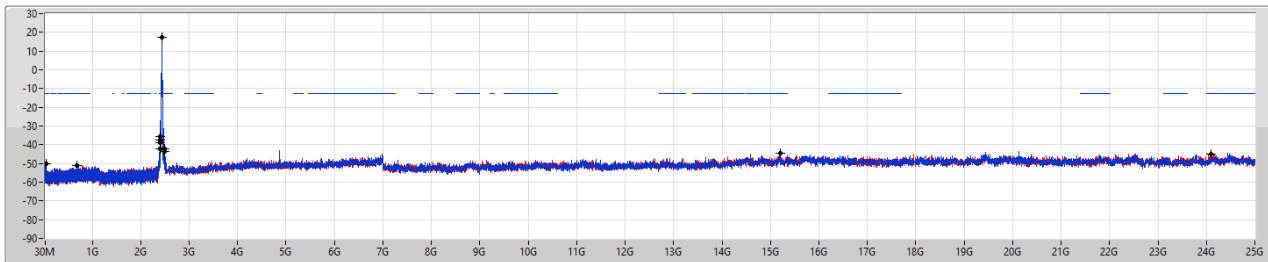
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43649G	17.26	-12.74	47.77M	-50.21	2.4G	-27.43	2.4G	-26.78	2.4941G	-48.94	21.92072G	-43.29	1
2.43649G	17.26	-12.74	47.77M	-49.94	2.4G	-27.52	2.4G	-28.06	2.4925G	-48.24	24.47742G	-44.23	2

802.11b_Nss1,(1Mbps)_2TX

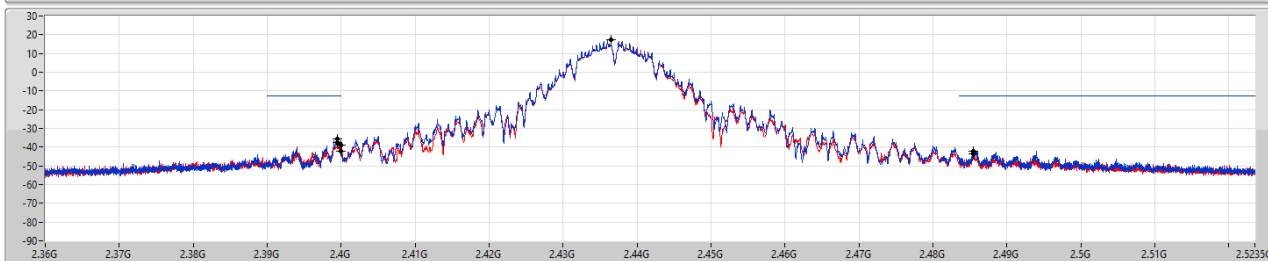
2437MHz

CSE NdB

15/06/2021



Port 1
Port 2



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

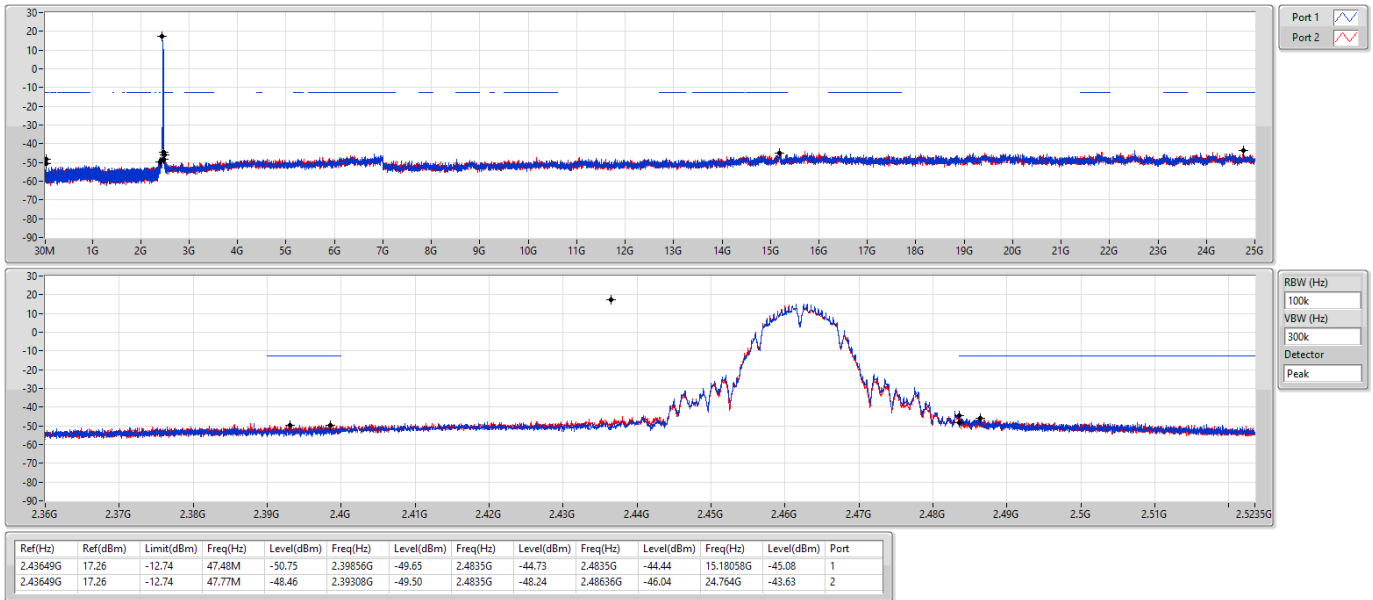
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2.43649G	17.26	-12.74	677.74M	-51.17	2.3995G	-35.49	2.4G	-42.16	2.48548G	-42.20	15.19744G	-44.41	1
2.43649G	17.26	-12.74	49.81M	-50.20	2.39952G	-37.37	2.4G	-38.85	2.48544G	-43.55	24.09251G	-44.99	2

802.11b_Nss1,(1Mbps)_2TX

2462MHz

CSE NdB

15/06/2021

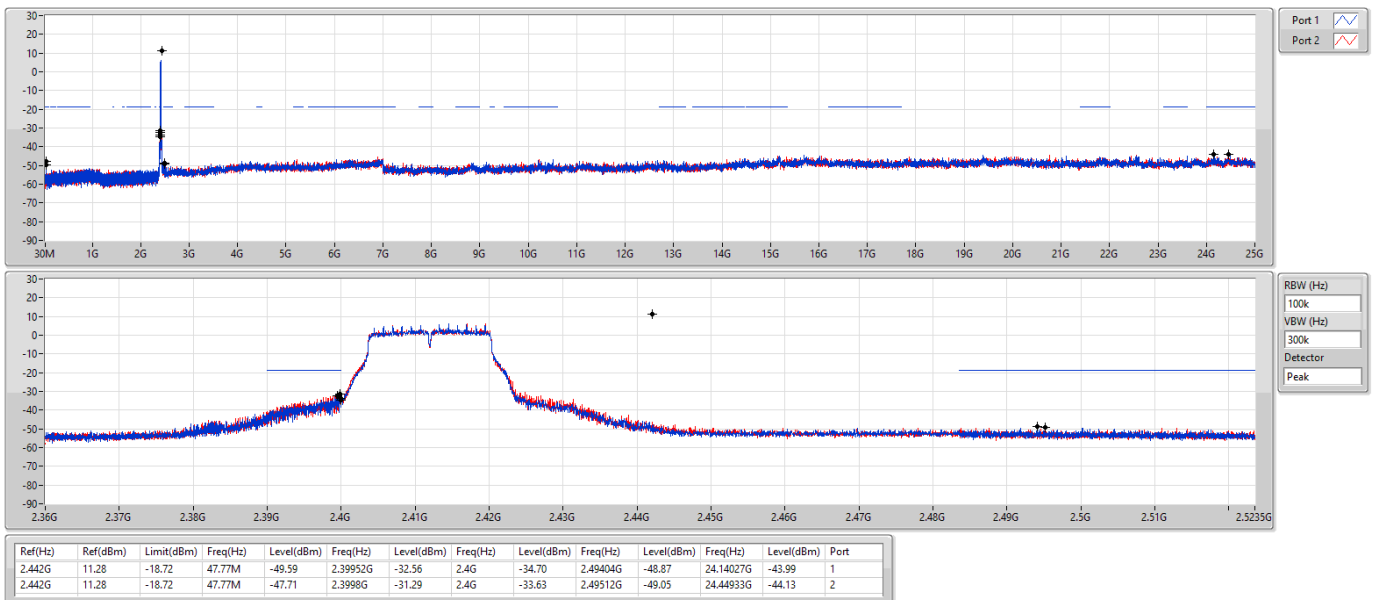


802.11g_Nss1,(6Mbps)_2TX

2412MHz

CSE NdB

15/06/2021

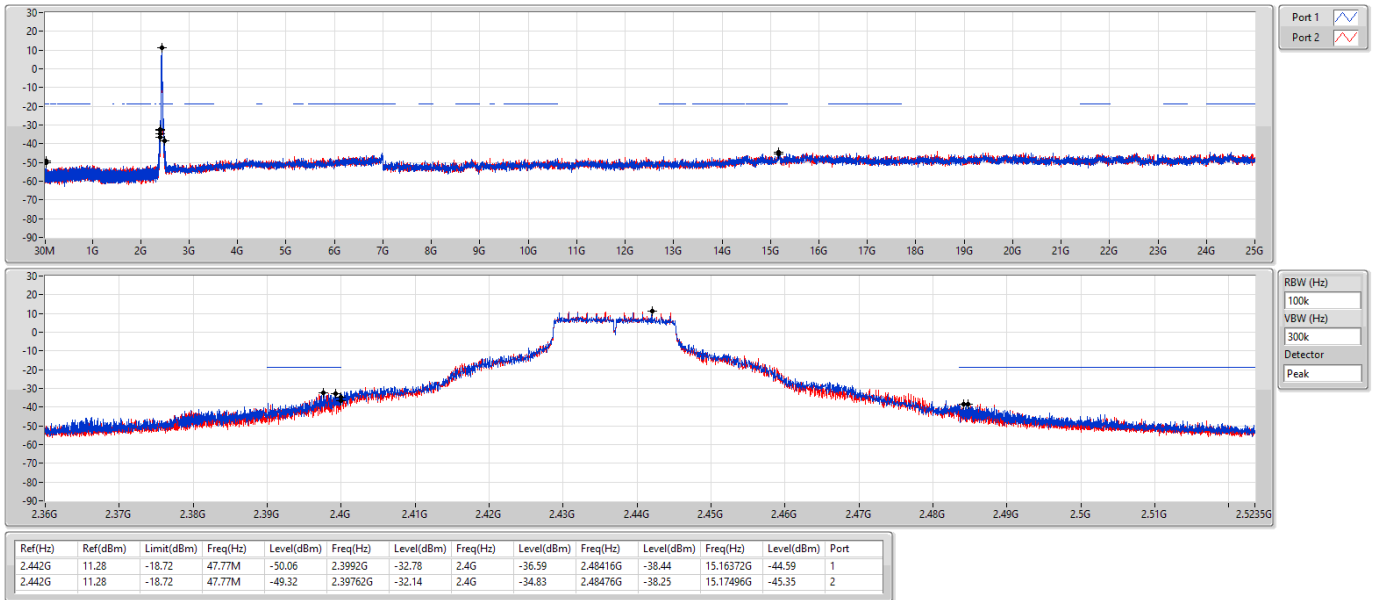


802.11g_Nss1,(6Mbps)_2TX

2437MHz

CSE NdB

15/06/2021

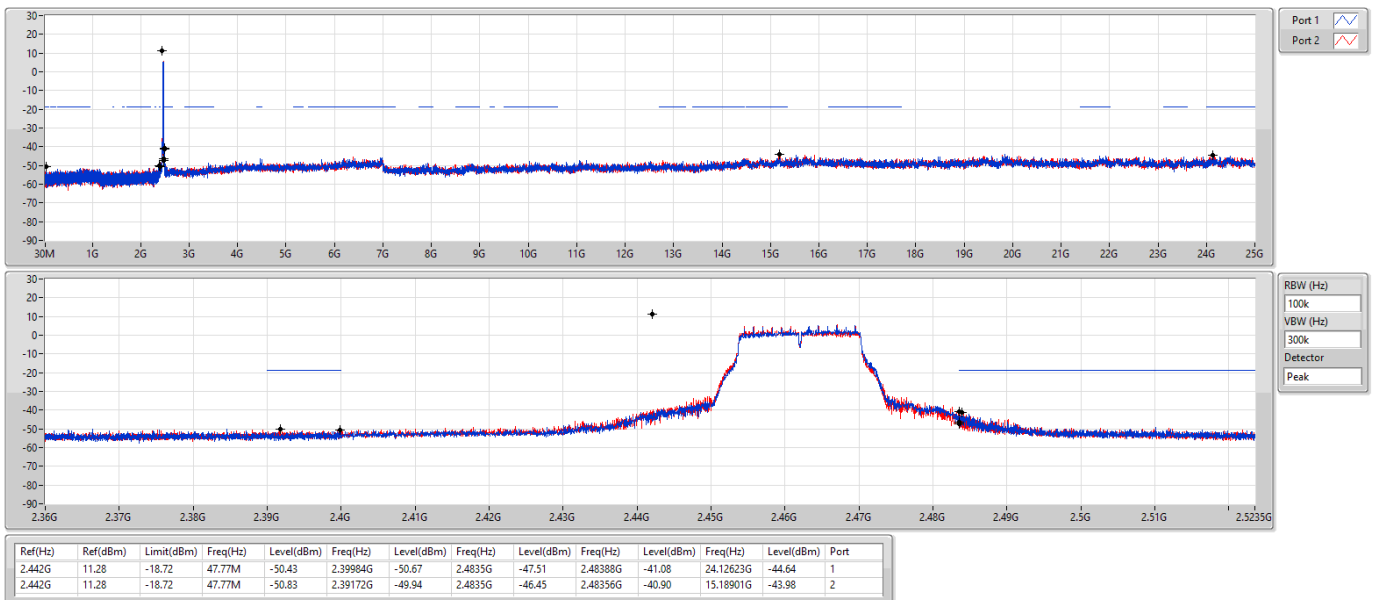


802.11g_Nss1,(6Mbps)_2TX

2462MHz

CSE NdB

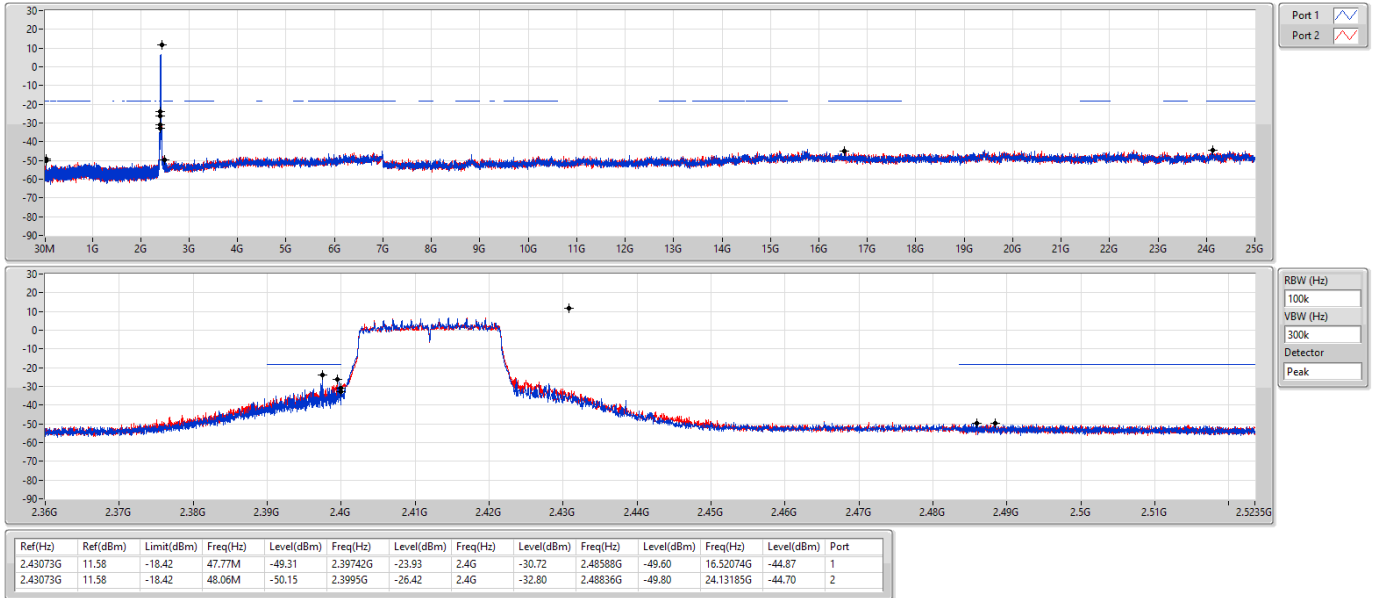
15/06/2021



802.11ax HEW20_Nss2,(MCS0)_2TX

CSE NdB

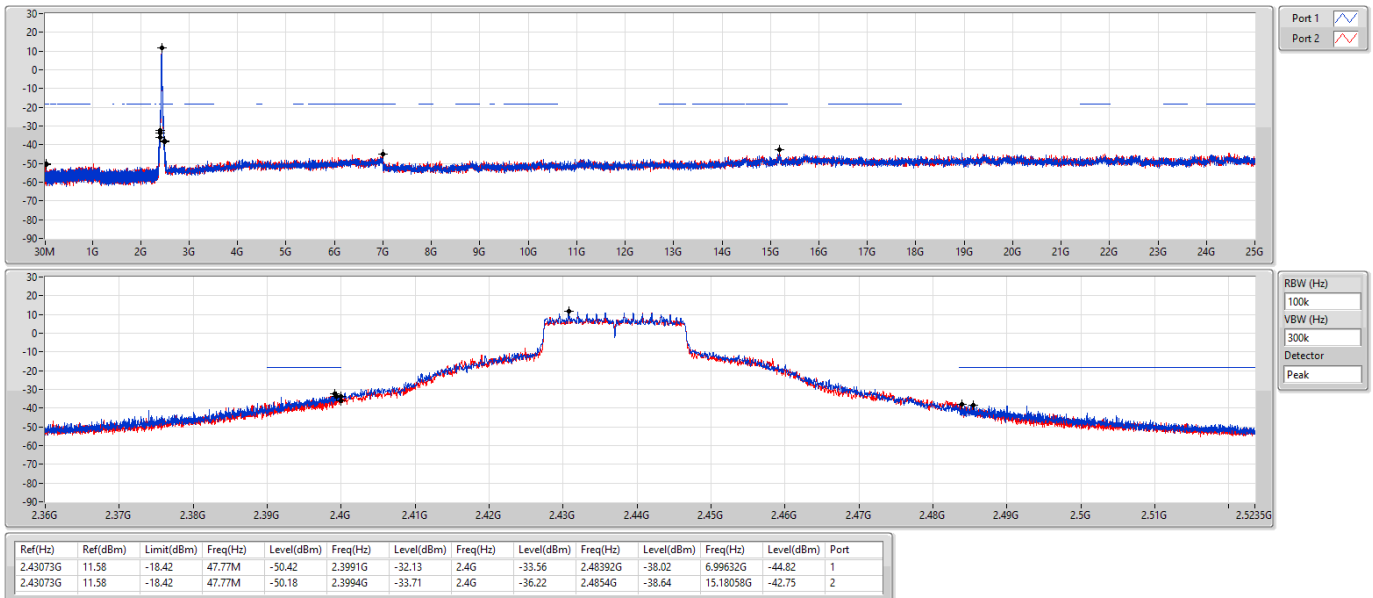
2412MHz



802.11ax HEW20_Nss2,(MCS0)_2TX

CSE NdB

2437MHz

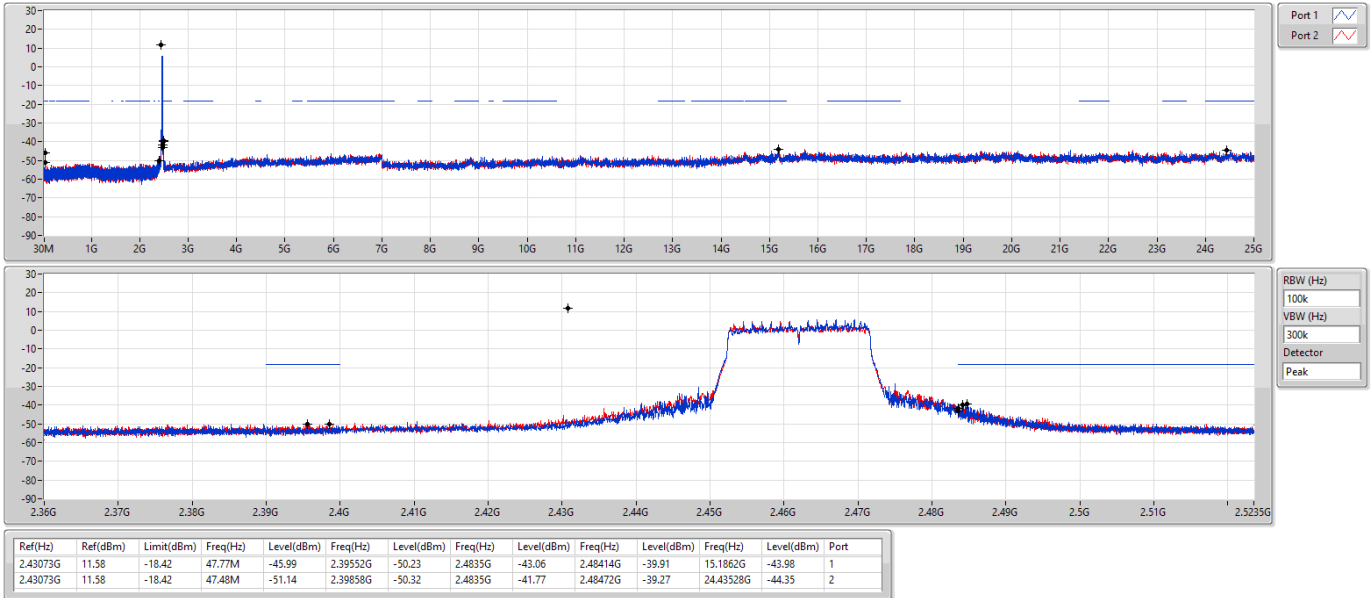


802.11ax HEW20_Nss2,(MCS0)_2TX

2462MHz

CSE NdB

15/06/2021

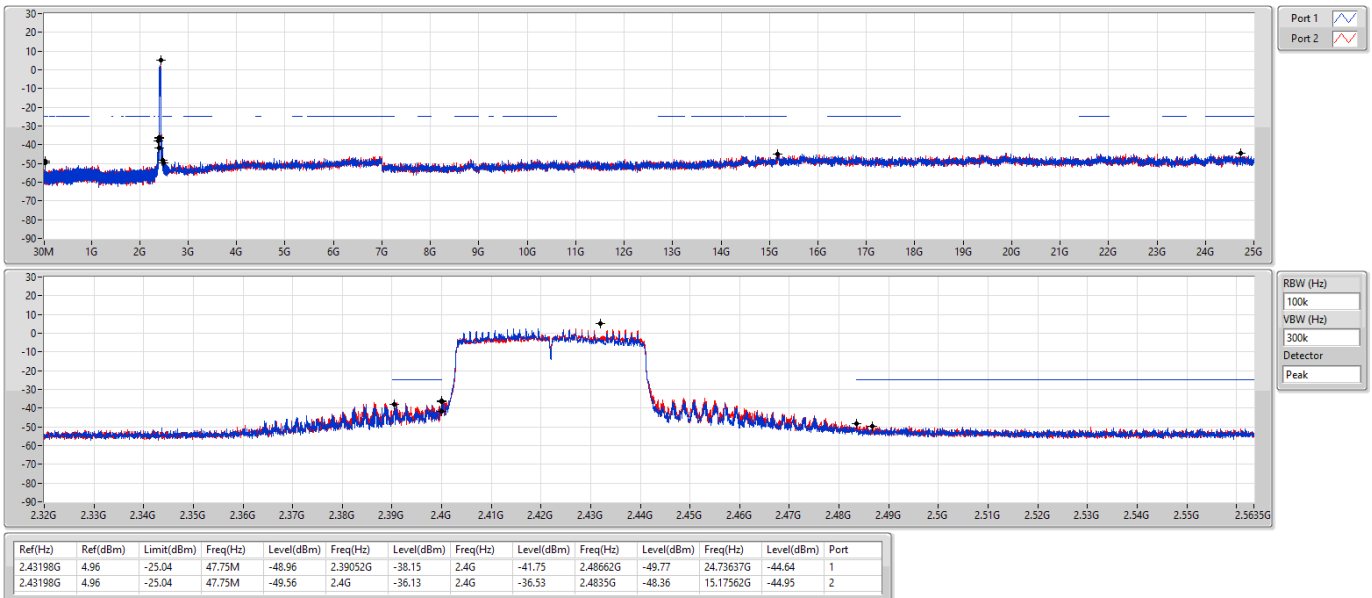


802.11ax HEW40_Nss2,(MCS0)_2TX

2422MHz

CSE NdB

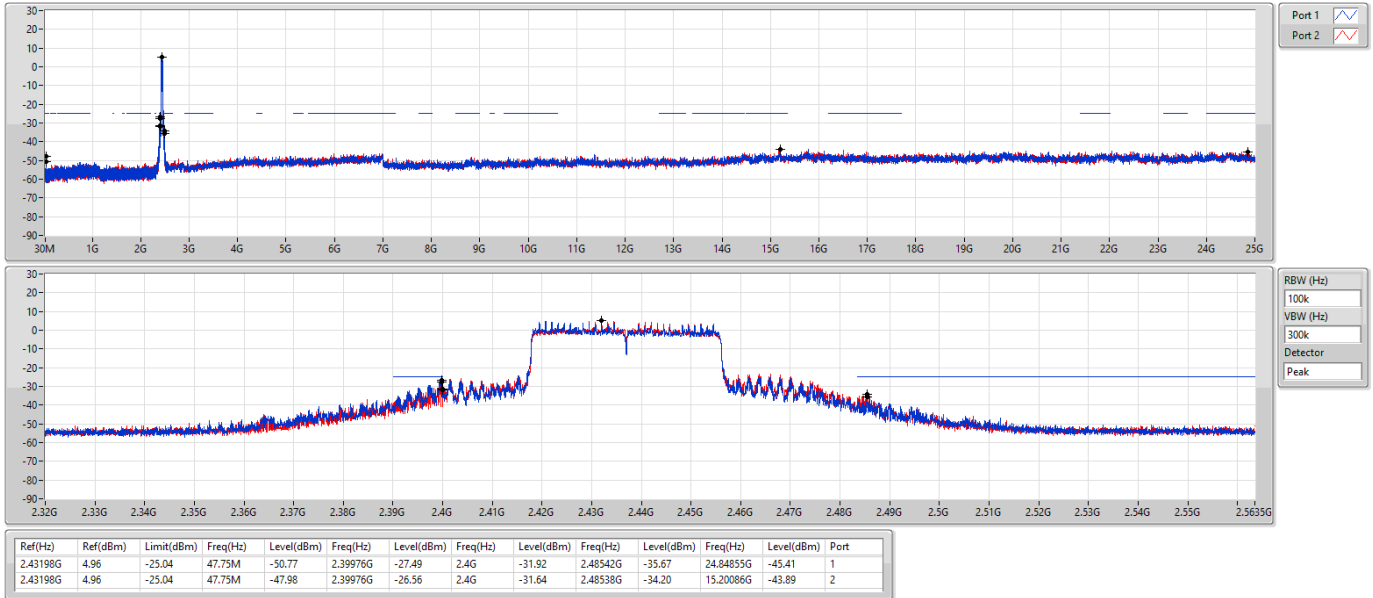
15/06/2021



802.11ax HEW40_Nss2,(MCS0)_2TX

CSE NdB

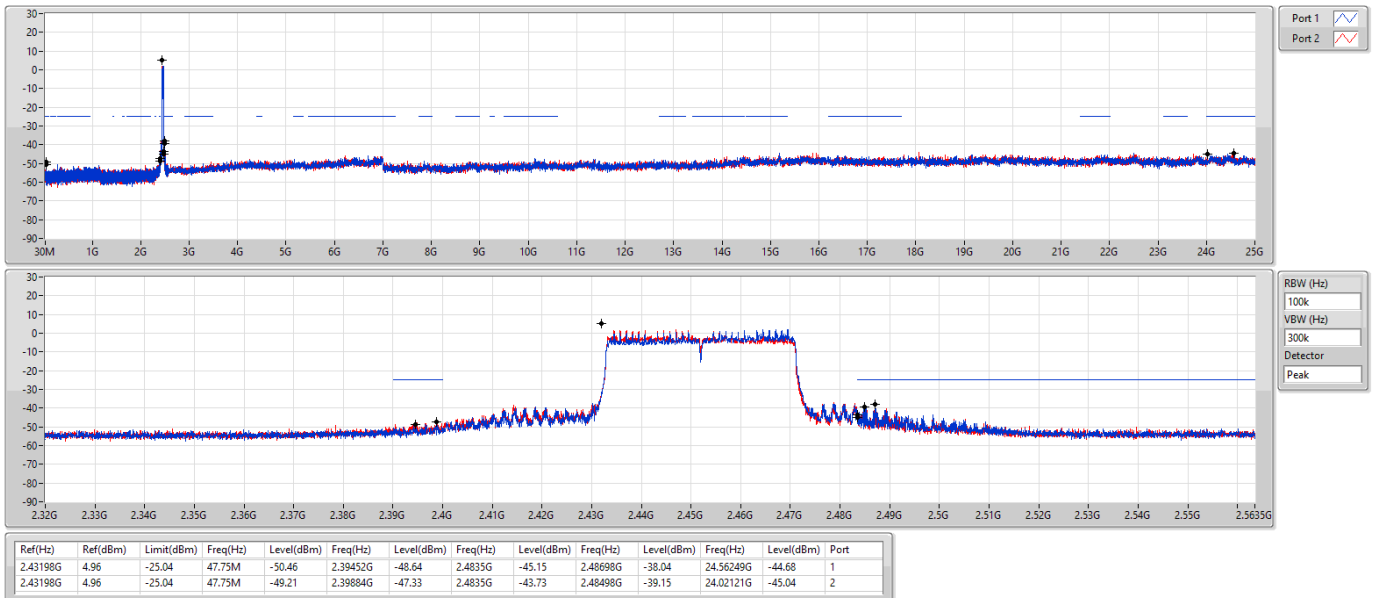
2437MHz



802.11ax HEW40_Nss2,(MCS0)_2TX

CSE NdB

2452MHz





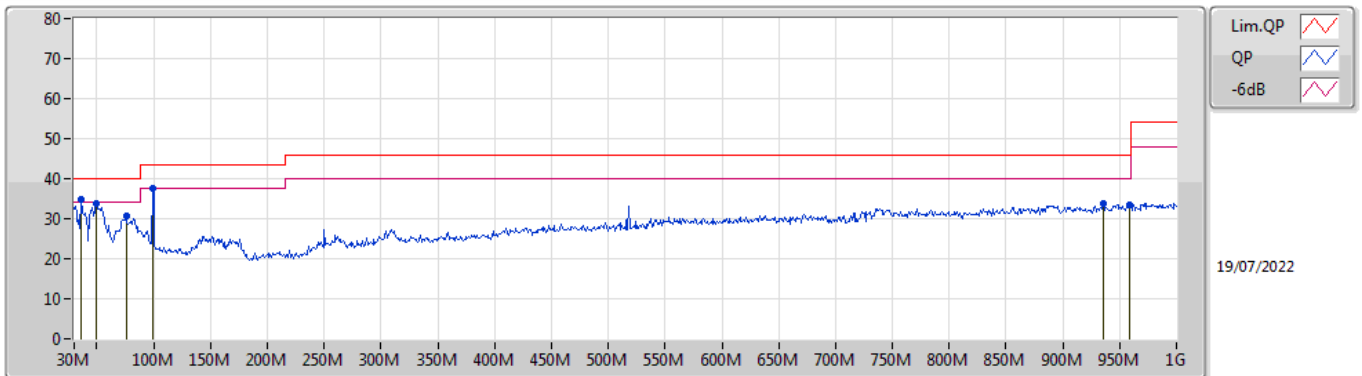
Radiated Emissions below 1GHz

Appendix F.1

Summary

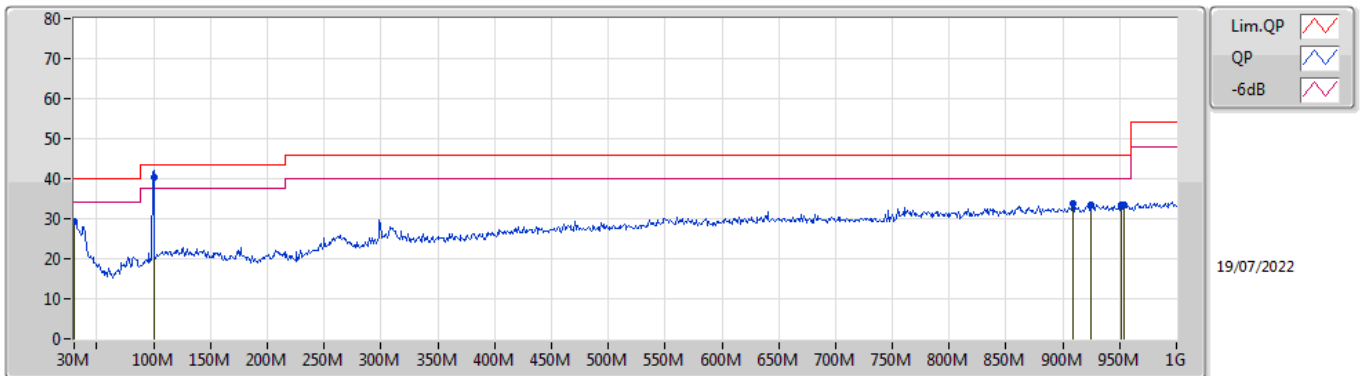
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 4	Pass	QP	99.84M	40.43	43.50	-3.07	Horizontal

Mode 4



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	35.82M	34.99	40.00	-5.01	-5.66	3	Vertical	135	3.00	"Worst"	40.65	21.50	1.30	28.46
PK	49.4M	33.80	40.00	-6.20	-12.65	3	Vertical	272	1.00	-	46.45	14.52	1.31	28.48
PK	75.59M	30.57	40.00	-9.43	-14.32	3	Vertical	133	1.25	-	44.89	12.73	1.49	28.54
PK	98.87M	37.49	43.50	-6.01	-10.61	3	Vertical	320	1.00	-	48.10	16.23	1.60	28.44
PK	935.98M	33.84	46.00	-12.16	2.06	3	Vertical	296	3.00	-	31.78	26.59	4.07	28.60
PK	958.29M	33.40	46.00	-12.60	2.43	3	Vertical	321	1.50	-	30.97	26.83	4.12	28.52

Mode 4



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	30M	29.35	40.00	-10.65	-2.07	3	Horizontal	104	1.00	-	31.42	25.20	1.20	28.47
QP	99.84M	40.43	43.50	-3.07	-10.45	3	Horizontal	0	1.50	"Worst"	50.88	16.38	1.60	28.43
PK	908.82M	33.94	46.00	-12.06	1.84	3	Horizontal	293	1.25	-	32.10	26.45	4.02	28.63
PK	924.34M	33.59	46.00	-12.41	1.88	3	Horizontal	113	1.50	-	31.71	26.44	4.05	28.61
PK	951.5M	33.50	46.00	-12.50	2.27	3	Horizontal	112	1.25	-	31.23	26.74	4.10	28.57
PK	953.44M	33.37	46.00	-12.63	2.33	3	Horizontal	236	1.25	-	31.04	26.78	4.11	28.56



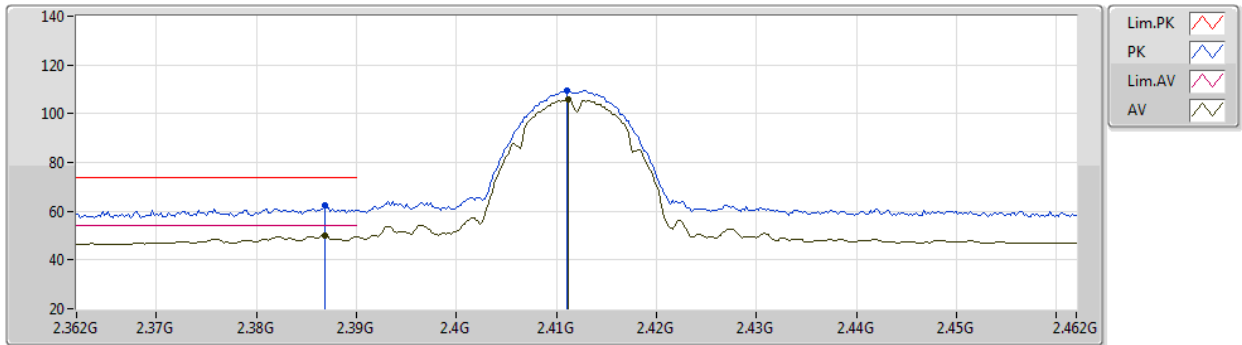
**For Radio 1 / 1T1S
Summary**

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_Nss1,(MCS0)_1TX	Pass	AV	2.3896G	53.98	54.00	-0.02	3	Horizontal	63	1.93	-

802.11b_Nss1,(1Mbps)_1TX

28/05/2021

2412MHz_TX



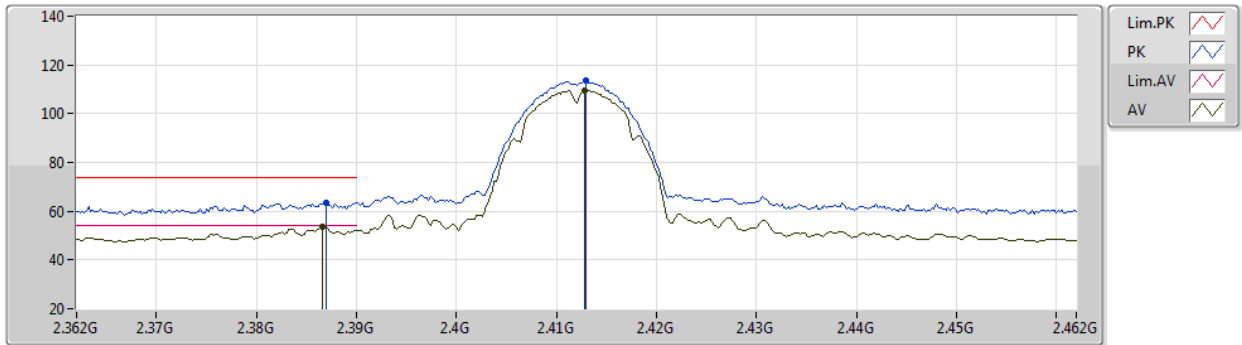
EUT Y_1TX
Setting 84
02-B-R-5

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	2.3868G	62.26	74.00	-11.74	31.48	3	Vertical	353	2.76	-	28.37	2.41	-
AV	2.3868G	50.06	54.00	-3.94	19.28	3	Vertical	353	2.76	-	28.37	2.41	-
PK	2.411G	109.58	Inf	-Inf	78.77	3	Vertical	353	2.76	-	28.40	2.41	-
AV	2.4112G	105.99	Inf	-Inf	75.18	3	Vertical	353	2.76	-	28.40	2.41	-

802.11b_Nss1,(1Mbps)_1TX

28/05/2021

2412MHz_TX



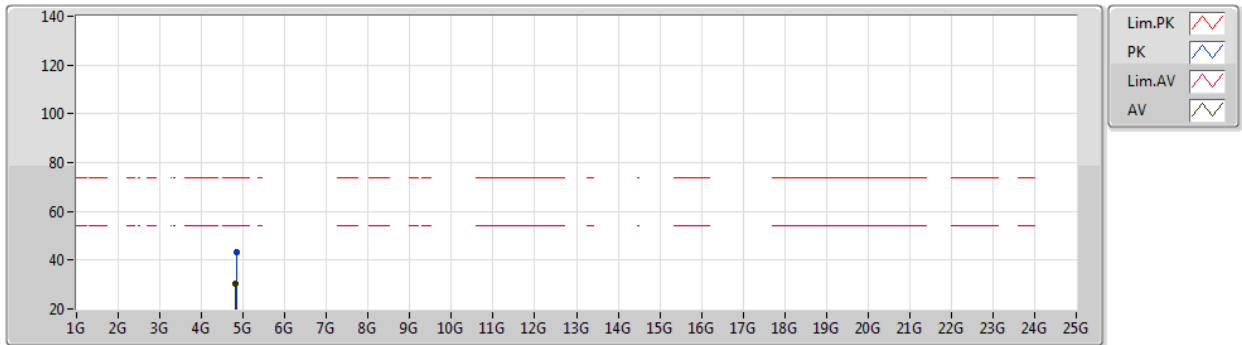
EUT Y_1TX
Setting 84
02-B-R-5

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	2.387G	63.40	74.00	-10.60	32.62	3	Horizontal	62	1.74	-	28.37	2.41	-
AV	2.3866G	53.78	54.00	-0.22	23.00	3	Horizontal	62	1.74	-	28.37	2.41	-
PK	2.413G	113.66	Inf	-Inf	82.85	3	Horizontal	62	1.74	-	28.40	2.41	-
AV	2.4128G	109.58	Inf	-Inf	78.77	3	Horizontal	62	1.74	-	28.40	2.41	-

802.11b_Nss1,(1Mbps)_1TX

28/05/2021

2412MHz_TX



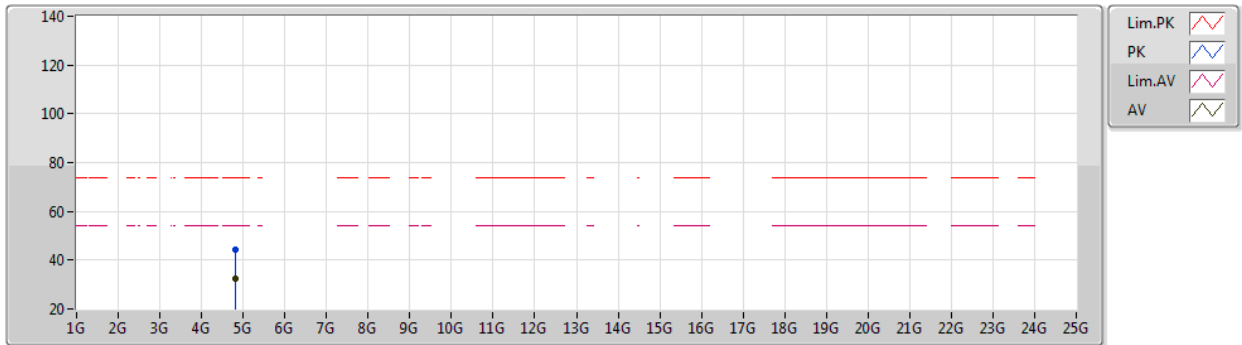
EUT Z_1TX
Setting 84
02-B-C-4

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	4.83284G	43.38	74.00	-30.62	37.63	3	Vertical	222	1.50	-	32.83	4.70	31.78
AV	4.82396G	30.34	54.00	-23.66	24.62	3	Vertical	222	1.50	-	32.80	4.70	31.78

802.11b_Nss1,(1Mbps)_1TX

28/05/2021

2412MHz_TX



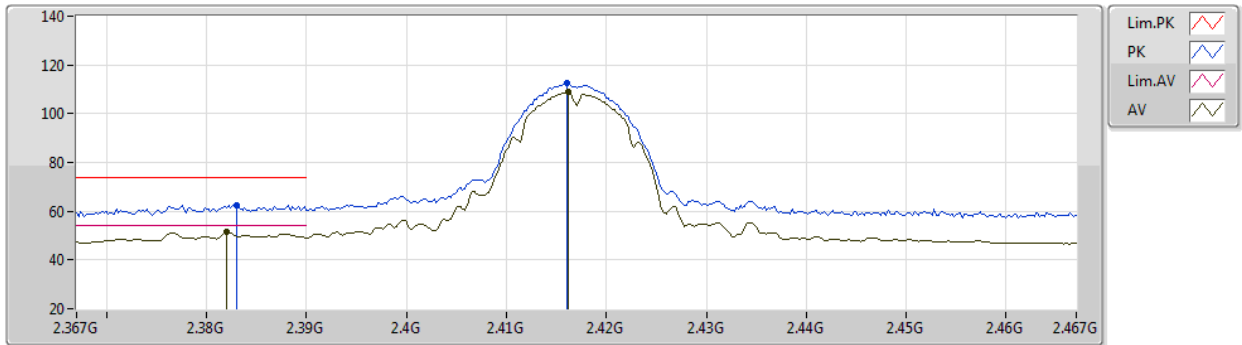
EUT Z_1TX
Setting 84
02-B-C-4

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	4.82396G	44.42	74.00	-29.58	38.70	3	Horizontal	131	2.97	-	32.80	4.70	31.78
AV	4.82396G	32.62	54.00	-21.38	26.90	3	Horizontal	131	2.97	-	32.80	4.70	31.78

802.11b_Nss1,(1Mbps)_1TX

28/05/2021

2417MHz_TX



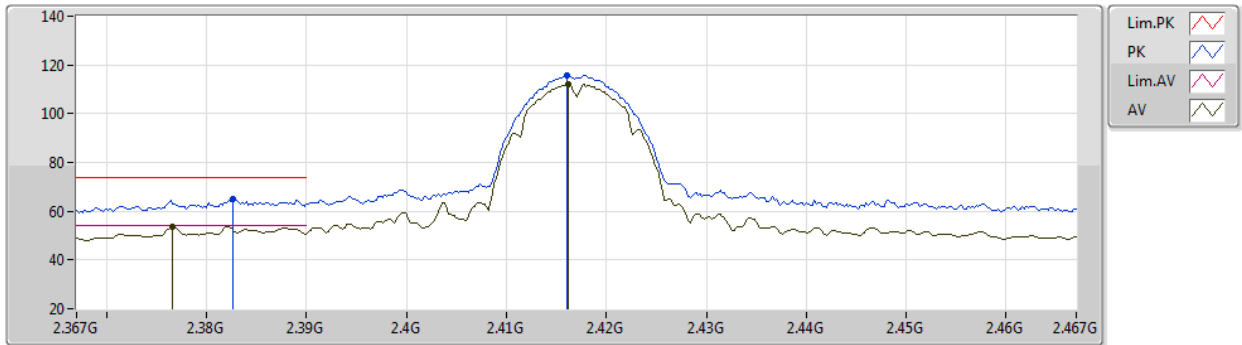
EUT Y_1TX
Setting 90
02-B-R-5

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	2.383G	62.51	74.00	-11.49	31.73	3	Vertical	16	3.00	-	28.37	2.41	-
AV	2.382G	51.39	54.00	-2.61	20.62	3	Vertical	16	3.00	-	28.36	2.41	-
PK	2.416G	112.42	Inf	-Inf	81.61	3	Vertical	16	3.00	-	28.40	2.41	-
AV	2.4162G	108.75	Inf	-Inf	77.94	3	Vertical	16	3.00	-	28.40	2.41	-

802.11b_Nss1,(1Mbps)_1TX

28/05/2021

2417MHz_TX



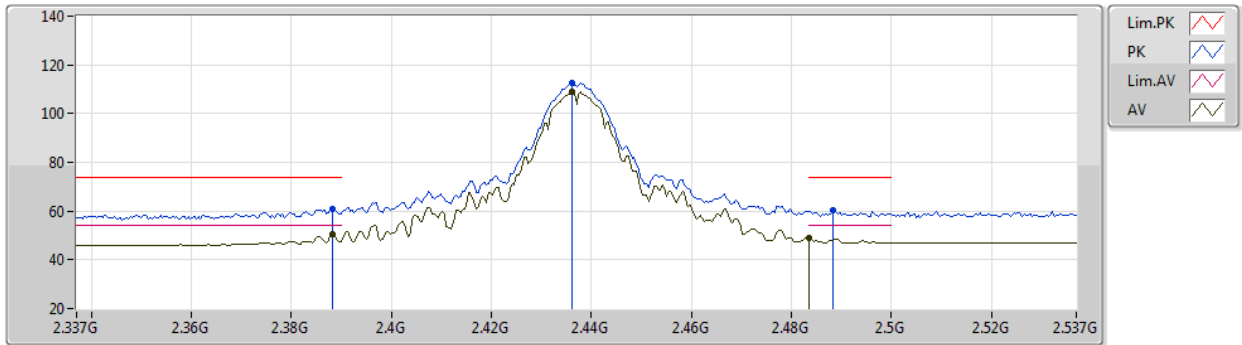
EUT Y_1TX
Setting 90
02-B-R-5

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	2.3826G	64.95	74.00	-9.05	34.17	3	Horizontal	70	1.93	-	28.37	2.41	-
AV	2.3766G	53.77	54.00	-0.23	23.01	3	Horizontal	70	1.93	-	28.35	2.41	-
PK	2.416G	115.73	Inf	-Inf	84.92	3	Horizontal	70	1.93	-	28.40	2.41	-
AV	2.4162G	112.10	Inf	-Inf	81.29	3	Horizontal	70	1.93	-	28.40	2.41	-

802.11b_Nss1,(1Mbps)_1TX

28/05/2021

2437MHz_TX



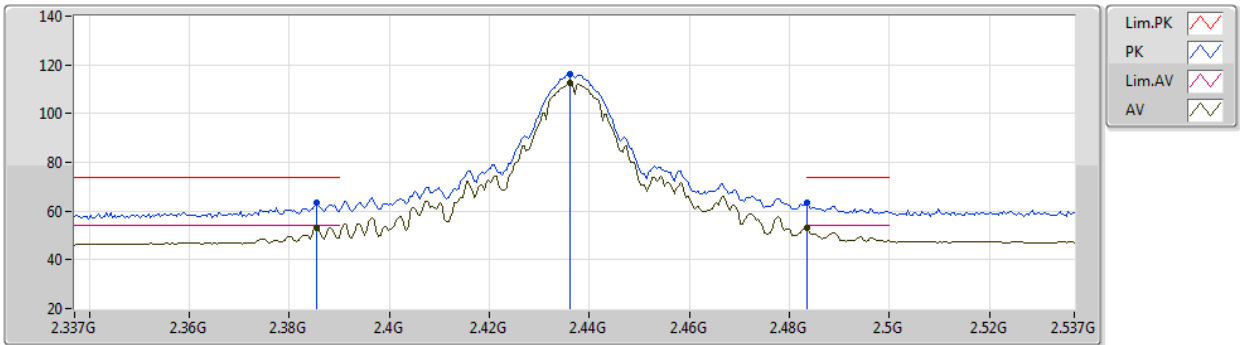
EUT Y_1TX
Setting 98
02-B-R-5

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	60.88	74.00	-13.12	30.09	3	Vertical	21	2.45	-	28.38	2.41	-
AV	2.3882G	50.27	54.00	-3.73	19.48	3	Vertical	21	2.45	-	28.38	2.41	-
PK	2.4362G	112.51	Inf	-Inf	81.69	3	Vertical	21	2.45	-	28.40	2.42	-
AV	2.4362G	108.89	Inf	-Inf	78.07	3	Vertical	21	2.45	-	28.40	2.42	-
PK	2.4882G	60.26	74.00	-13.74	29.27	3	Vertical	21	2.45	-	28.55	2.44	-
AV	2.4835G	48.89	54.00	-5.11	17.92	3	Vertical	21	2.45	-	28.53	2.44	-

802.11b_Nss1,(1Mbps)_1TX

28/05/2021

2437MHz_TX



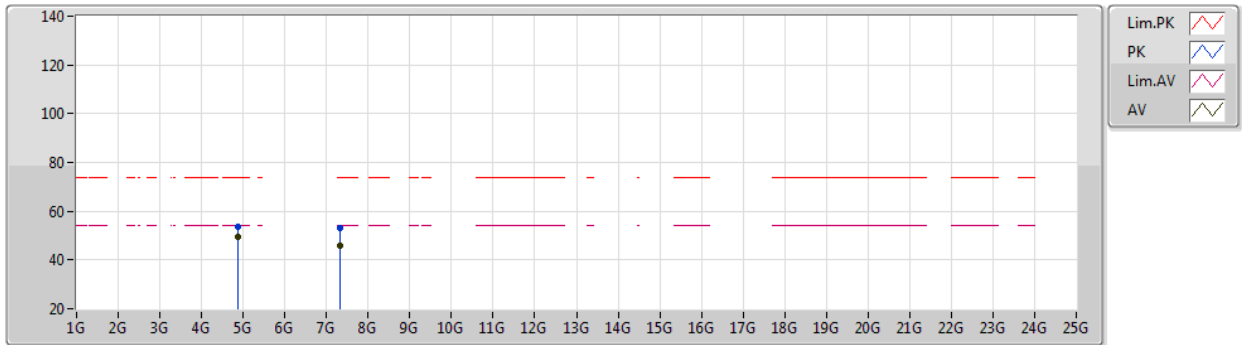
EUT Y_1TX
Setting 98
02-B-R-5

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	2.3854G	63.20	74.00	-10.80	32.42	3	Horizontal	62	1.93	-	28.37	2.41	-
AV	2.3854G	53.22	54.00	-0.78	22.44	3	Horizontal	62	1.93	-	28.37	2.41	-
PK	2.4362G	116.19	Inf	-Inf	85.37	3	Horizontal	62	1.93	-	28.40	2.42	-
AV	2.4362G	112.65	Inf	-Inf	81.83	3	Horizontal	62	1.93	-	28.40	2.42	-
PK	2.4835G	63.68	74.00	-10.32	32.71	3	Horizontal	62	1.93	-	28.53	2.44	-
AV	2.4835G	53.03	54.00	-0.97	22.06	3	Horizontal	62	1.93	-	28.53	2.44	-

802.11b_Nss1,(1Mbps)_1TX

28/05/2021

2437MHz_TX



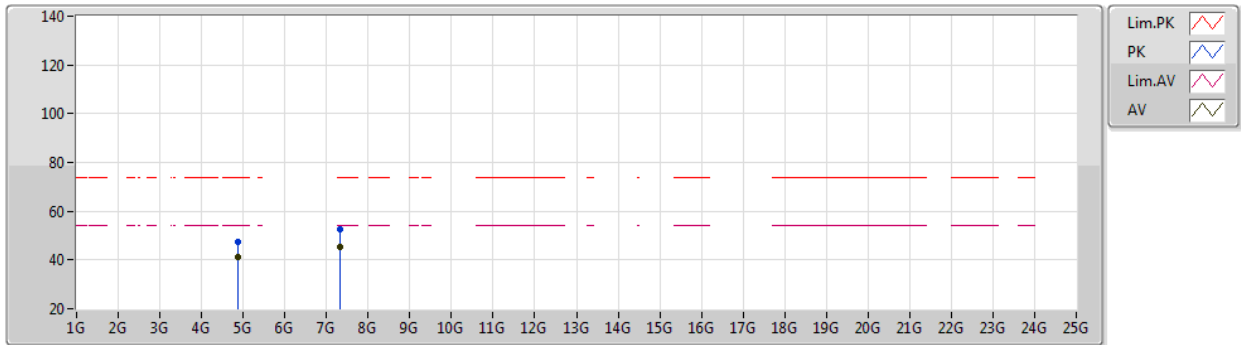
EUT_Z_1TX
Setting 98
02-B-C-4

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	4.87404G	53.43	74.00	-20.57	47.57	3	Vertical	72	2.45	-	32.95	4.70	31.79
AV	4.874G	49.74	54.00	-4.26	43.88	3	Vertical	72	2.45	-	32.95	4.70	31.79
PK	7.31192G	53.27	74.00	-20.73	43.51	3	Vertical	195	2.24	-	36.42	5.76	32.42
AV	7.31172G	45.96	54.00	-8.04	36.20	3	Vertical	195	2.24	-	36.42	5.76	32.42

802.11b_Nss1,(1Mbps)_1TX

28/05/2021

2437MHz_TX



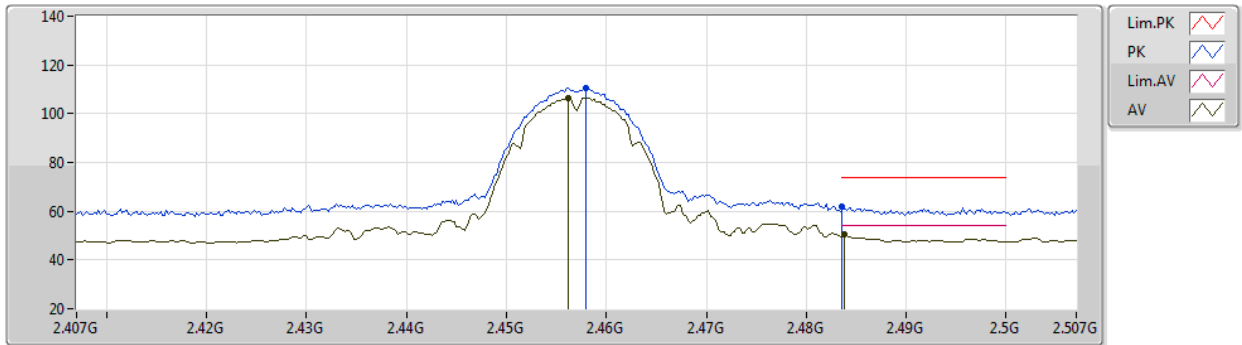
EUT Z_1TX
Setting 98
02-B-C-4

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	4.87404G	47.50	74.00	-26.50	41.64	3	Horizontal	293	1.03	-	32.95	4.70	31.79
AV	4.87396G	41.40	54.00	-12.60	35.54	3	Horizontal	293	1.03	-	32.95	4.70	31.79
PK	7.31196G	52.73	74.00	-21.27	42.97	3	Horizontal	130	2.30	-	36.42	5.76	32.42
AV	7.31172G	45.56	54.00	-8.44	35.80	3	Horizontal	130	2.30	-	36.42	5.76	32.42

802.11b_Nss1,(1Mbps)_1TX

28/05/2021

2457MHz_TX



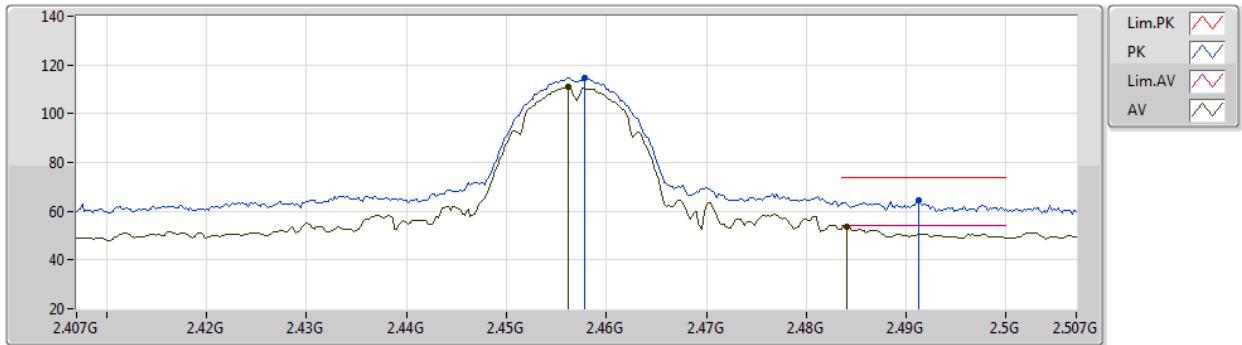
EUT Y_1TX
Setting 88
02-B-R-5

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	2.458G	110.46	Inf	-Inf	79.60	3	Vertical	22	1.79	-	28.43	2.43	-
AV	2.4562G	106.63	Inf	-Inf	75.78	3	Vertical	22	1.79	-	28.42	2.43	-
PK	2.4836G	61.91	74.00	-12.09	30.94	3	Vertical	22	1.79	-	28.53	2.44	-
AV	2.4838G	50.34	54.00	-3.66	19.36	3	Vertical	22	1.79	-	28.54	2.44	-

802.11b_Nss1,(1Mbps)_1TX

28/05/2021

2457MHz_TX



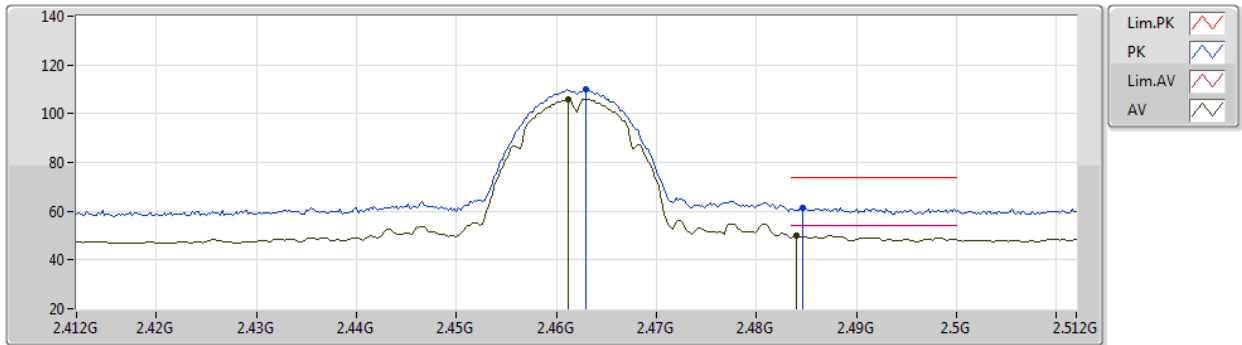
EUT Y_1TX
Setting 88
02-B-R-5

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	2.4578G	114.62	Inf	-Inf	83.76	3	Horizontal	64	1.89	-	28.43	2.43	-
AV	2.4562G	110.91	Inf	-Inf	80.06	3	Horizontal	64	1.89	-	28.42	2.43	-
PK	2.4912G	64.43	74.00	-9.57	33.42	3	Horizontal	64	1.89	-	28.56	2.45	-
AV	2.484G	53.73	54.00	-0.27	22.75	3	Horizontal	64	1.89	-	28.54	2.44	-

802.11b_Nss1,(1Mbps)_1TX

28/05/2021

2462MHz_TX



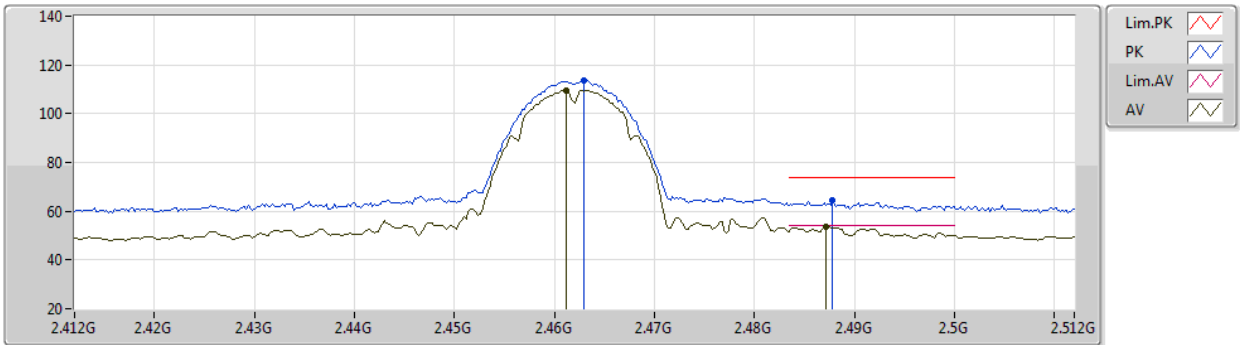
EUT Y_1TX
Setting 86
02-B-R-5

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	109.89	Inf	-Inf	79.01	3	Vertical	16	1.79	-	28.45	2.43	-
AV	2.4612G	106.04	Inf	-Inf	75.17	3	Vertical	16	1.79	-	28.44	2.43	-
PK	2.4846G	61.44	74.00	-12.56	30.46	3	Vertical	16	1.79	-	28.54	2.44	-
AV	2.484G	49.99	54.00	-4.01	19.01	3	Vertical	16	1.79	-	28.54	2.44	-

802.11b_Nss1,(1Mbps)_1TX

28/05/2021

2462MHz_TX



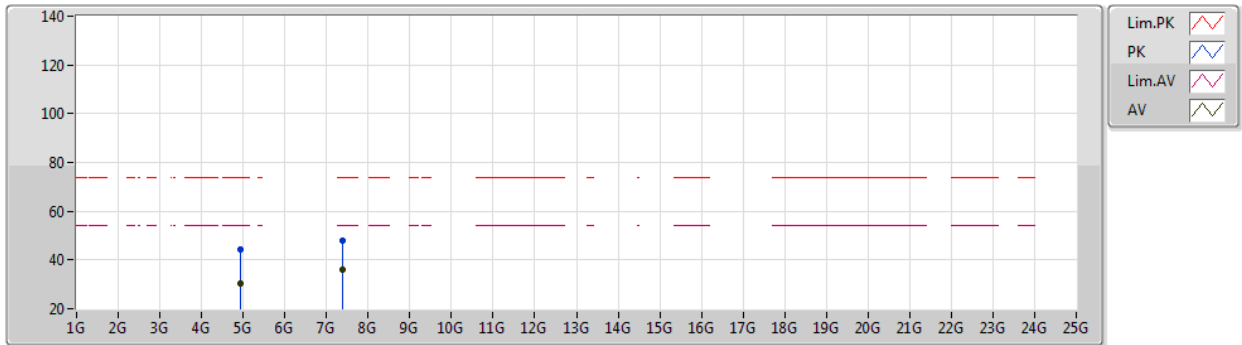
EUT Y_1TX
Setting 86
02-B-R-5

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	113.83	Inf	-Inf	82.95	3	Horizontal	64	1.82	-	28.45	2.43	-
AV	2.4612G	109.50	Inf	-Inf	78.63	3	Horizontal	64	1.82	-	28.44	2.43	-
PK	2.4878G	64.30	74.00	-9.70	33.31	3	Horizontal	64	1.82	-	28.55	2.44	-
AV	2.4872G	53.56	54.00	-0.44	22.57	3	Horizontal	64	1.82	-	28.55	2.44	-

802.11b_Nss1,(1Mbps)_1TX

28/05/2021

2462MHz_TX



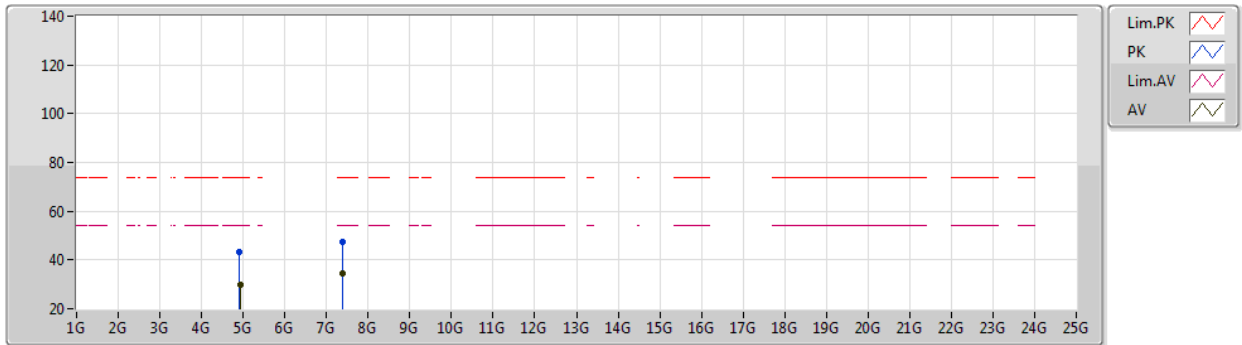
EUT Z_1TX
Setting 86
02-B-C-4

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	4.93284G	44.23	74.00	-29.77	38.15	3	Vertical	239	2.01	-	33.20	4.70	31.82
AV	4.92692G	30.21	54.00	-23.79	24.16	3	Vertical	239	2.01	-	33.16	4.70	31.81
PK	7.38772G	47.70	74.00	-26.30	37.79	3	Vertical	283	2.18	-	36.58	5.79	32.46
AV	7.3846G	36.28	54.00	-17.72	26.37	3	Vertical	283	2.18	-	36.57	5.79	32.45

802.11b_Nss1,(1Mbps)_1TX

28/05/2021

2462MHz_TX



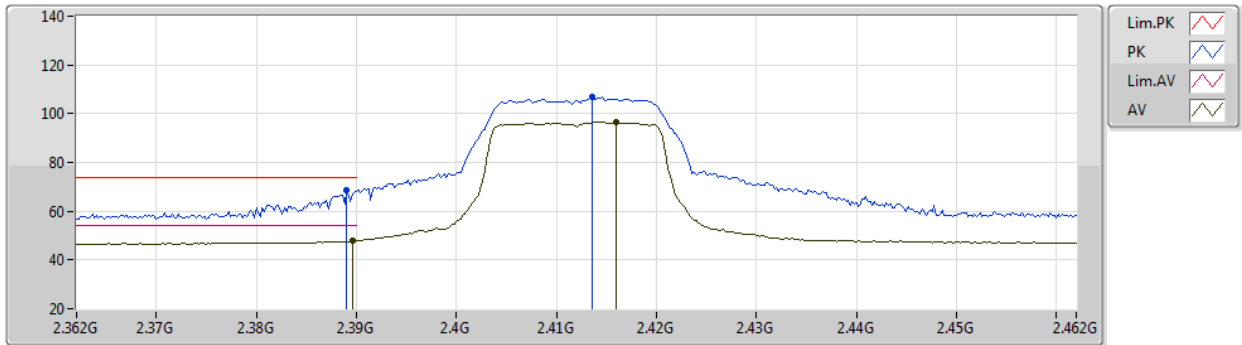
EUT_Z_1TX
Setting 86
02-B-C-4

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	4.91732G	43.38	74.00	-30.62	37.39	3	Horizontal	247	1.46	-	33.10	4.70	31.81
AV	4.92708G	29.99	54.00	-24.01	23.94	3	Horizontal	247	1.46	-	33.16	4.70	31.81
PK	7.38628G	47.18	74.00	-26.82	37.27	3	Horizontal	33	1.76	-	36.57	5.79	32.45
AV	7.3868G	34.37	54.00	-19.63	24.46	3	Horizontal	33	1.76	-	36.57	5.79	32.45

802.11g_Nss1,(6Mbps)_1TX

27/05/2021

2412MHz_TX



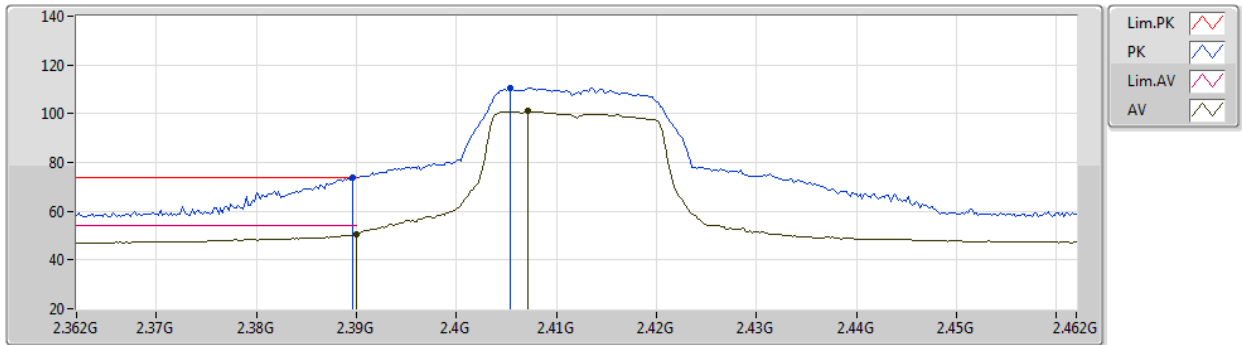
EUT Y_1TX
Setting 69
02-B-R-5

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	68.67	74.00	-5.33	37.88	3	Vertical	0	2.25	-	28.38	2.41	-
AV	2.3896G	47.93	54.00	-6.07	17.14	3	Vertical	0	2.25	-	28.38	2.41	-
PK	2.4136G	106.77	Inf	-Inf	75.96	3	Vertical	0	2.25	-	28.40	2.41	-
AV	2.416G	96.62	Inf	-Inf	65.81	3	Vertical	0	2.25	-	28.40	2.41	-

802.11g_Nss1,(6Mbps)_1TX

27/05/2021

2412MHz_TX



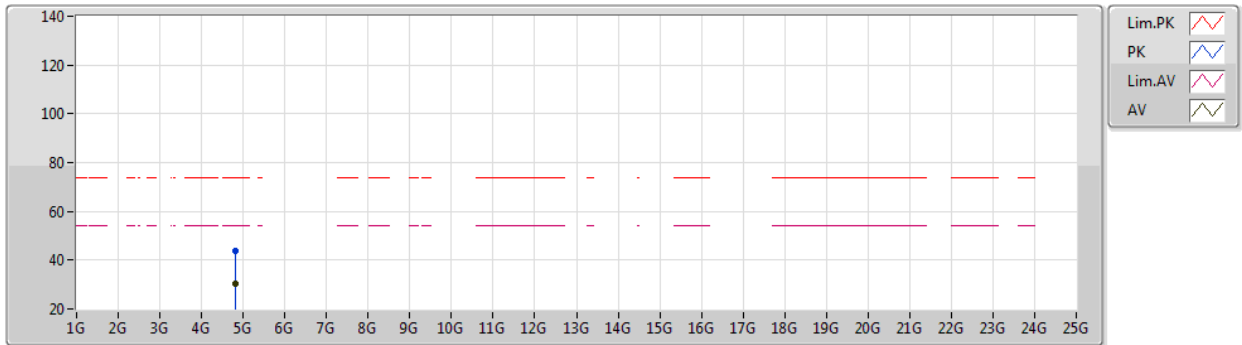
EUT Y_1TX
Setting 69
02-B-R-5

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	73.80	74.00	-0.20	43.01	3	Horizontal	65	2.38	-	28.38	2.41	-
AV	2.39G	50.62	54.00	-3.38	19.83	3	Horizontal	65	2.38	-	28.38	2.41	-
PK	2.4054G	110.75	Inf	-Inf	79.95	3	Horizontal	65	2.38	-	28.40	2.40	-
AV	2.4072G	100.95	Inf	-Inf	70.15	3	Horizontal	65	2.38	-	28.40	2.40	-

802.11g_Nss1,(6Mbps)_1TX

27/05/2021

2412MHz_TX



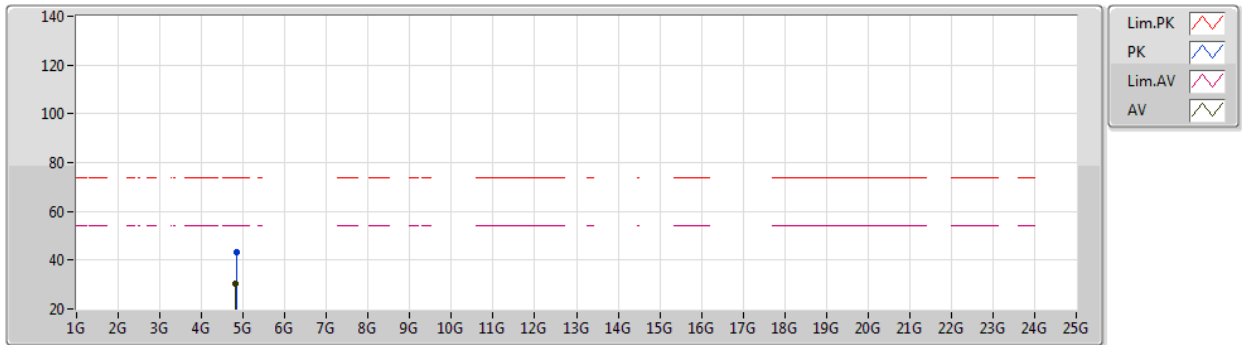
EUT Z_1TX
Setting 69
02-B-C-4

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	4.82088G	43.84	74.00	-30.16	38.14	3	Vertical	201	2.26	-	32.78	4.70	31.78
AV	4.82116G	30.42	54.00	-23.58	24.72	3	Vertical	201	2.26	-	32.78	4.70	31.78

802.11g_Nss1,(6Mbps)_1TX

27/05/2021

2412MHz_TX



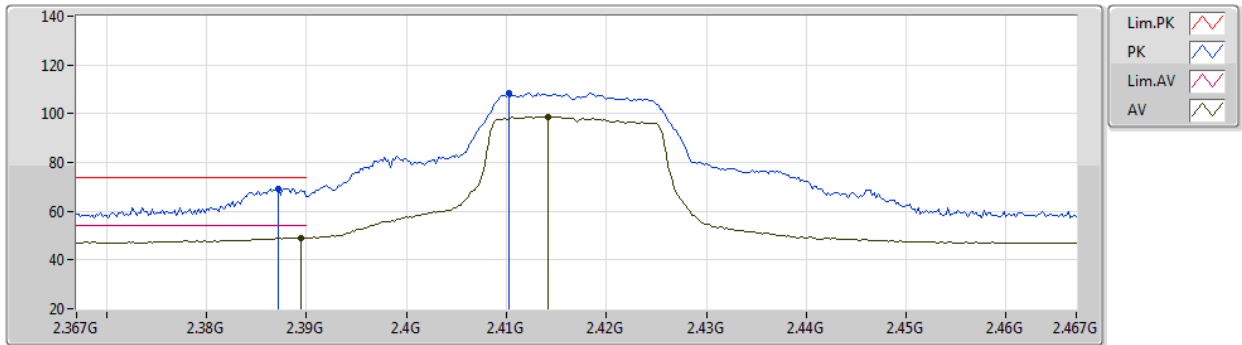
EUT Z_1TX
Setting 69
02-B-C-4

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	4.83076G	43.50	74.00	-30.50	37.76	3	Horizontal	181	2.63	-	32.82	4.70	31.78
AV	4.81436G	30.35	54.00	-23.65	24.66	3	Horizontal	181	2.63	-	32.76	4.70	31.77

802.11g_Nss1,(6Mbps)_1TX

27/05/2021

2417MHz_TX



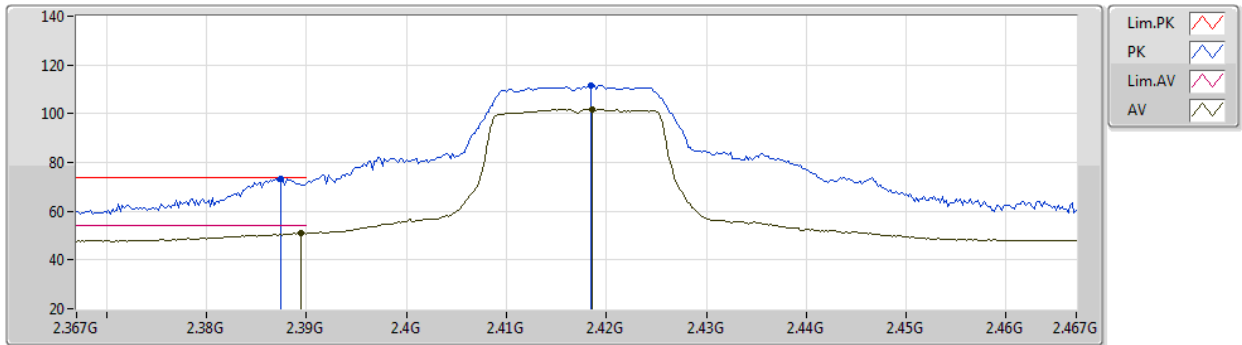
EUT Y_1TX
Setting 75
02-B-R-5

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	2.3872G	69.33	74.00	-4.67	38.55	3	Vertical	14	3.00	-	28.37	2.41	-
AV	2.3894G	49.08	54.00	-4.92	18.29	3	Vertical	14	3.00	-	28.38	2.41	-
PK	2.4102G	108.35	Inf	-Inf	77.54	3	Vertical	14	3.00	-	28.40	2.41	-
AV	2.4142G	98.72	Inf	-Inf	67.91	3	Vertical	14	3.00	-	28.40	2.41	-

802.11g_Nss1,(6Mbps)_1TX

27/05/2021

2417MHz_TX



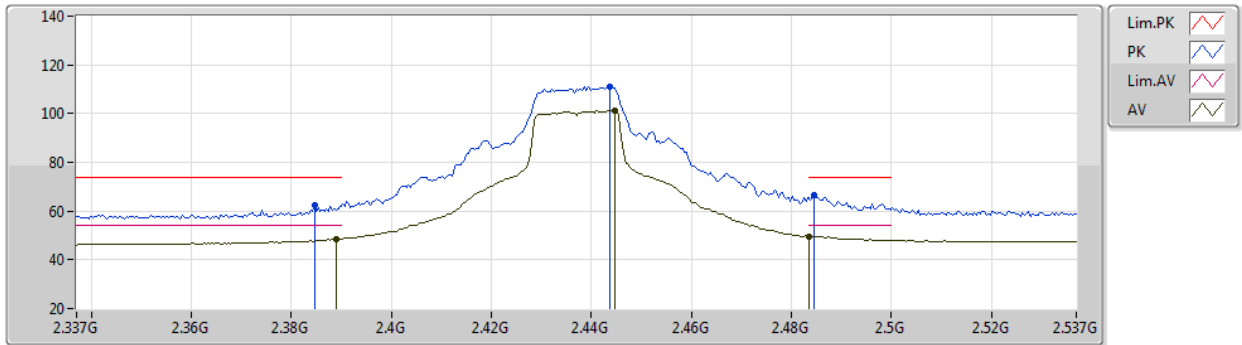
EUT Y_1TX
Setting 75
02-B-R-5

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	2.3874G	73.52	74.00	-0.48	42.74	3	Horizontal	73	1.95	-	28.37	2.41	-
AV	2.3894G	51.09	54.00	-2.91	20.30	3	Horizontal	73	1.95	-	28.38	2.41	-
PK	2.4184G	111.81	Inf	-Inf	81.00	3	Horizontal	73	1.95	-	28.40	2.41	-
AV	2.4186G	101.68	Inf	-Inf	70.87	3	Horizontal	73	1.95	-	28.40	2.41	-

802.11g_Nss1,(6Mbps)_1TX

27/05/2021

2437MHz_TX



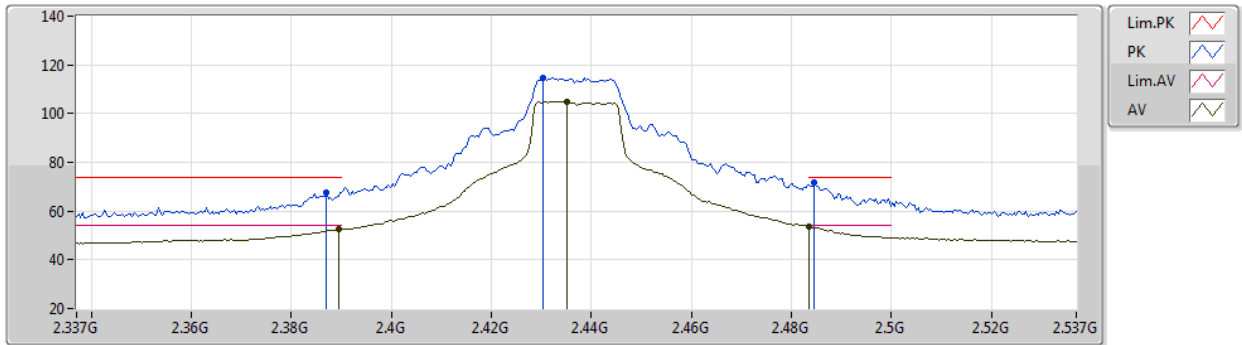
EUT Y_1TX
Setting 88
02-B-R-5

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	2.3846G	62.28	74.00	-11.72	31.50	3	Vertical	6	2.43	-	28.37	2.41	-
AV	2.389G	48.56	54.00	-5.44	17.77	3	Vertical	6	2.43	-	28.38	2.41	-
PK	2.4438G	110.92	Inf	-Inf	80.10	3	Vertical	6	2.43	-	28.40	2.42	-
AV	2.4446G	101.16	Inf	-Inf	70.34	3	Vertical	6	2.43	-	28.40	2.42	-
PK	2.4846G	66.54	74.00	-7.46	35.56	3	Vertical	6	2.43	-	28.54	2.44	-
AV	2.4835G	49.73	54.00	-4.27	18.76	3	Vertical	6	2.43	-	28.53	2.44	-

802.11g_Nss1,(6Mbps)_1TX

27/05/2021

2437MHz_TX



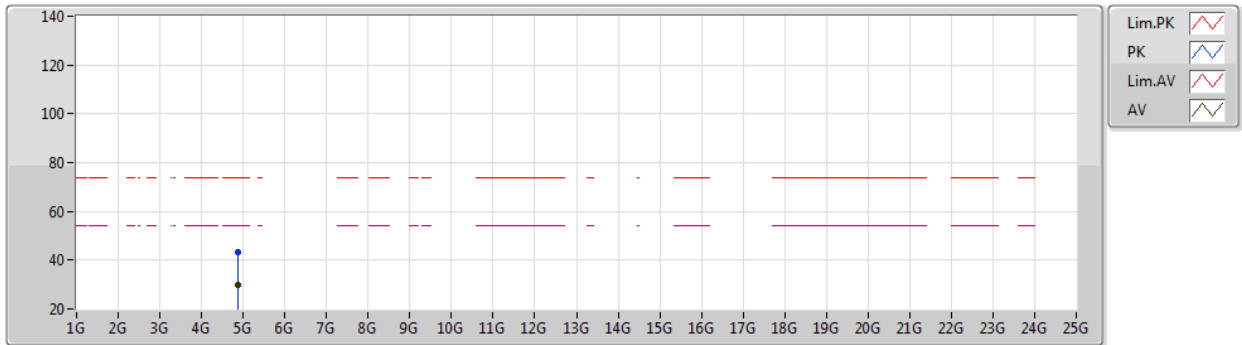
EUT Y_1TX
Setting 88
02-B-R-5

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	2.387G	67.57	74.00	-6.43	36.79	3	Horizontal	65	1.92	-	28.37	2.41	-
AV	2.3894G	52.54	54.00	-1.46	21.75	3	Horizontal	65	1.92	-	28.38	2.41	-
PK	2.4302G	114.76	Inf	-Inf	83.94	3	Horizontal	65	1.92	-	28.40	2.42	-
AV	2.435G	104.83	Inf	-Inf	74.01	3	Horizontal	65	1.92	-	28.40	2.42	-
PK	2.4846G	71.53	74.00	-2.47	40.55	3	Horizontal	65	1.92	-	28.54	2.44	-
AV	2.4835G	53.48	54.00	-0.52	22.51	3	Horizontal	65	1.92	-	28.53	2.44	-

802.11g_Nss1,(6Mbps)_1TX

27/05/2021

2437MHz_TX



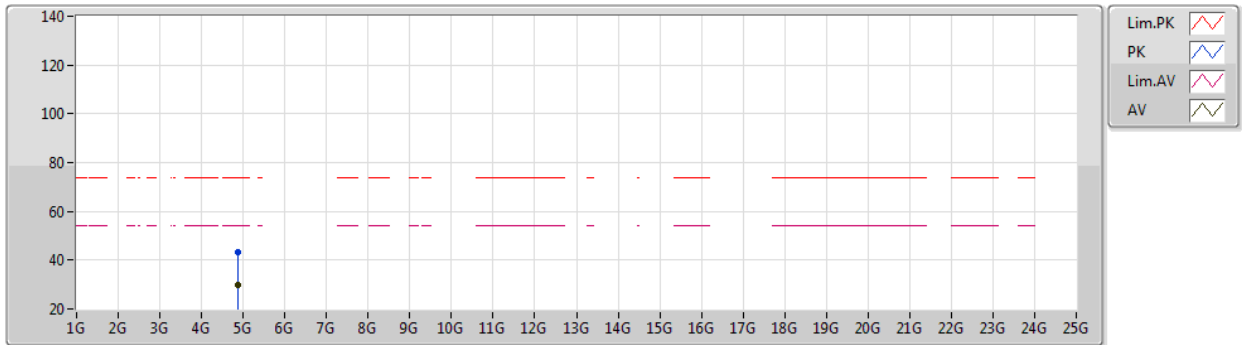
EUT_Z_1TX
Setting 88
02-B-C-4

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	4.869G	43.41	74.00	-30.59	37.56	3	Vertical	238	2.01	-	32.94	4.70	31.79
AV	4.87324G	29.93	54.00	-24.07	24.07	3	Vertical	238	2.01	-	32.95	4.70	31.79

802.11g_Nss1,(6Mbps)_1TX

27/05/2021

2437MHz_TX



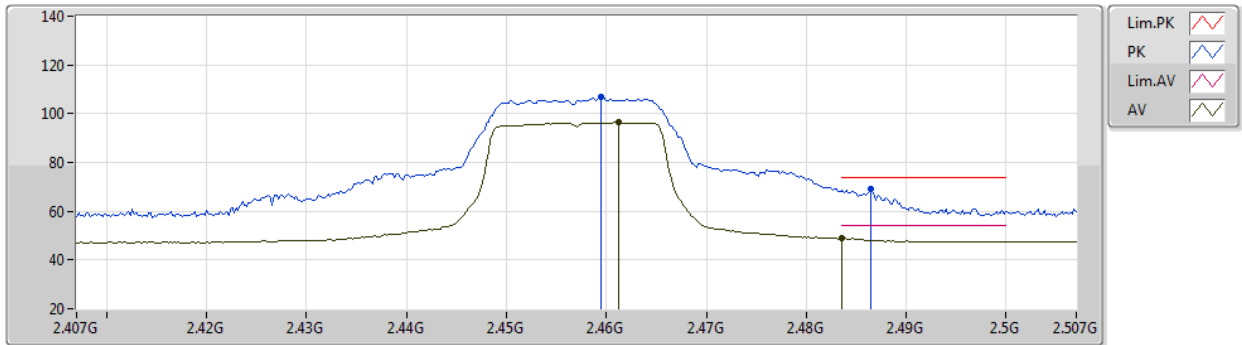
EUT_Z_1TX
Setting 88
02-B-C-4

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	4.87984G	43.25	74.00	-30.75	37.39	3	Horizontal	94	2.28	-	32.96	4.70	31.80
AV	4.86604G	29.97	54.00	-24.03	24.13	3	Horizontal	94	2.28	-	32.93	4.70	31.79

802.11g_Nss1,(6Mbps)_1TX

27/05/2021

2457MHz_TX



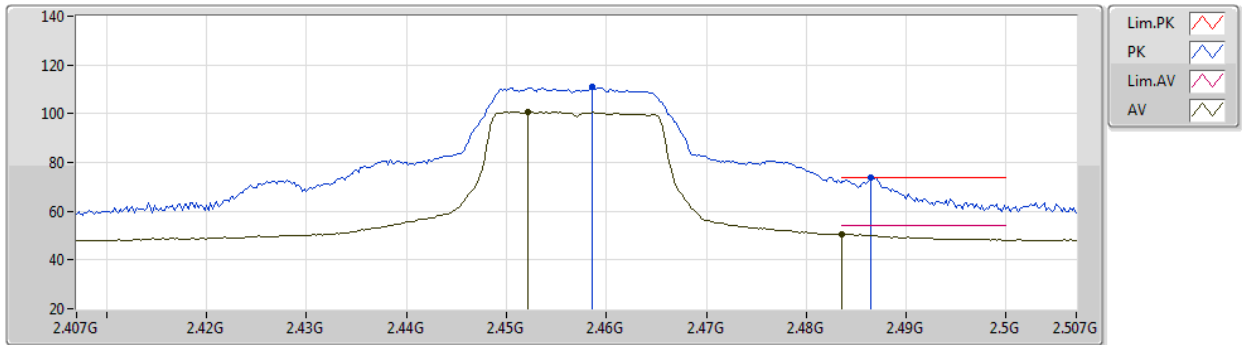
EUT Y_1TX
Setting 73
02-B-R-5

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	106.67	Inf	-Inf	75.80	3	Vertical	23	1.80	-	28.44	2.43	-
AV	2.4612G	96.50	Inf	-Inf	65.63	3	Vertical	23	1.80	-	28.44	2.43	-
PK	2.4864G	69.03	74.00	-4.97	38.04	3	Vertical	23	1.80	-	28.55	2.44	-
AV	2.4836G	48.78	54.00	-5.22	17.81	3	Vertical	23	1.80	-	28.53	2.44	-

802.11g_Nss1,(6Mbps)_1TX

27/05/2021

2457MHz_TX



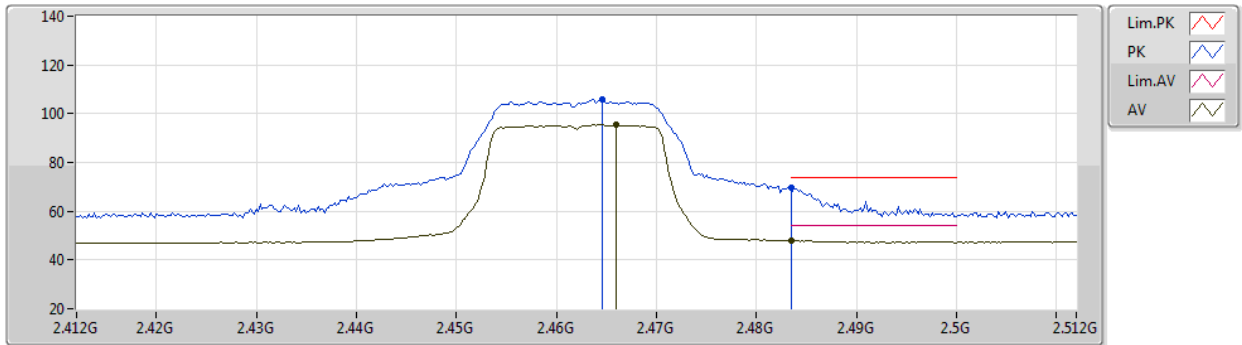
EUT Y_1TX
Setting 73
02-B-R-5

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	2.4586G	110.80	Inf	-Inf	79.94	3	Horizontal	64	1.89	-	28.43	2.43	-
AV	2.4522G	100.75	Inf	-Inf	69.91	3	Horizontal	64	1.89	-	28.41	2.43	-
PK	2.4864G	73.58	74.00	-0.42	42.59	3	Horizontal	64	1.89	-	28.55	2.44	-
AV	2.4835G	50.77	54.00	-3.23	19.80	3	Horizontal	64	1.89	-	28.53	2.44	-

802.11g_Nss1,(6Mbps)_1TX

27/05/2021

2462MHz_TX



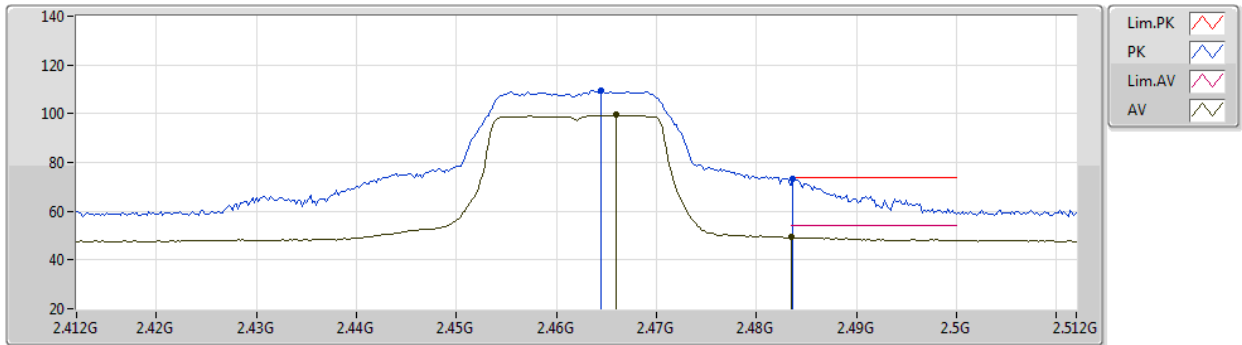
EUT Y_1TX
Setting 68
02-B-R-5

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	2.4646G	105.75	Inf	-Inf	74.86	3	Vertical	22	1.80	-	28.46	2.43	-
AV	2.466G	95.58	Inf	-Inf	64.69	3	Vertical	22	1.80	-	28.46	2.43	-
PK	2.4835G	69.61	74.00	-4.39	38.64	3	Vertical	22	1.80	-	28.53	2.44	-
AV	2.4835G	47.94	54.00	-6.06	16.97	3	Vertical	22	1.80	-	28.53	2.44	-

802.11g_Nss1,(6Mbps)_1TX

27/05/2021

2462MHz_TX



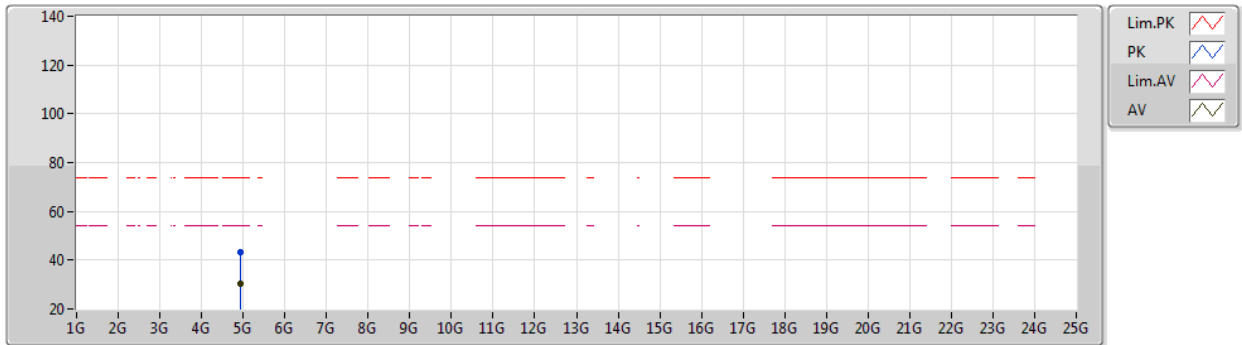
EUT Y_1TX
Setting 68
02-B-R-5

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	2.4644G	109.61	Inf	-Inf	78.72	3	Horizontal	64	1.69	-	28.46	2.43	-
AV	2.466G	99.67	Inf	-Inf	68.78	3	Horizontal	64	1.69	-	28.46	2.43	-
PK	2.4836G	73.31	74.00	-0.69	42.34	3	Horizontal	64	1.69	-	28.53	2.44	-
AV	2.4835G	49.39	54.00	-4.61	18.42	3	Horizontal	64	1.69	-	28.53	2.44	-

802.11g_Nss1,(6Mbps)_1TX

27/05/2021

2462MHz_TX



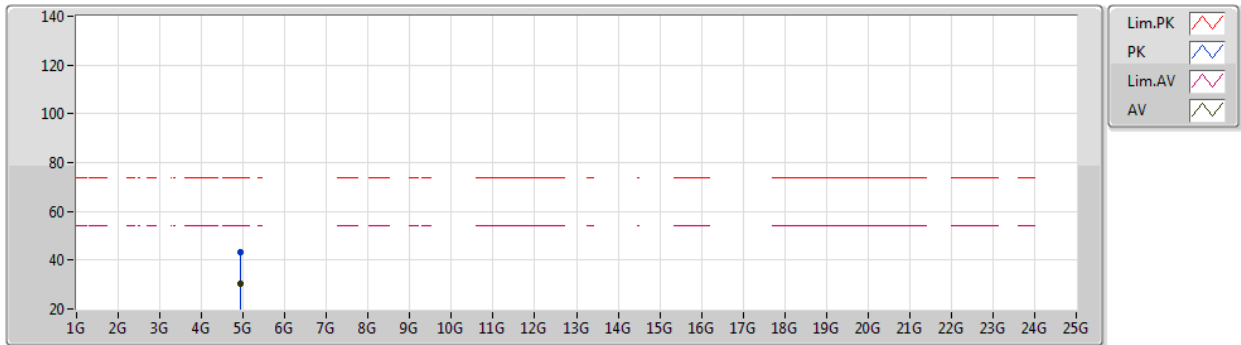
EUT_Z_1TX
Setting 68
02-B-C-4

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	4.92844G	43.42	74.00	-30.58	37.36	3	Vertical	95	1.88	-	33.17	4.70	31.81
AV	4.92576G	30.41	54.00	-23.59	24.37	3	Vertical	95	1.88	-	33.15	4.70	31.81

802.11g_Nss1,(6Mbps)_1TX

27/05/2021

2462MHz_TX



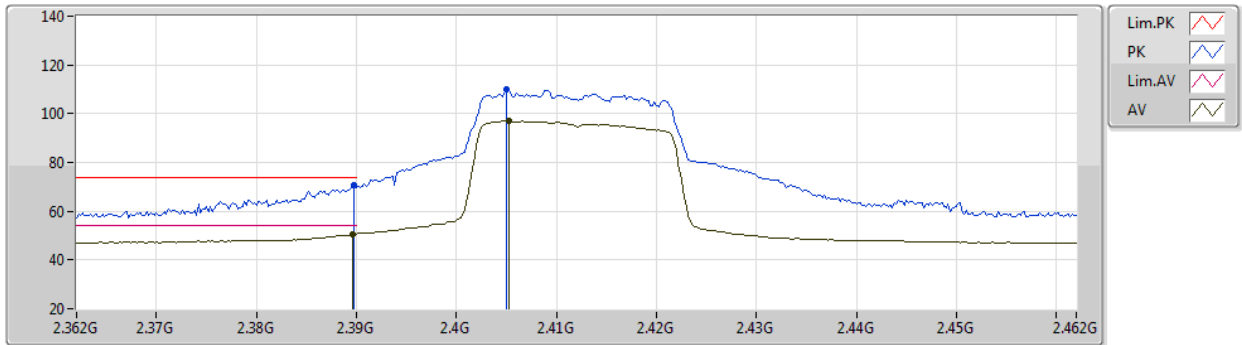
EUT_Z_1TX
Setting 68
02-B-C-4

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	4.92444G	43.22	74.00	-30.78	37.18	3	Horizontal	33	2.30	-	33.15	4.70	31.81
AV	4.92524G	30.37	54.00	-23.63	24.33	3	Horizontal	33	2.30	-	33.15	4.70	31.81

802.11ax HEW20_Nss1,(MCS0)_1TX

28/05/2021

2412MHz_TX



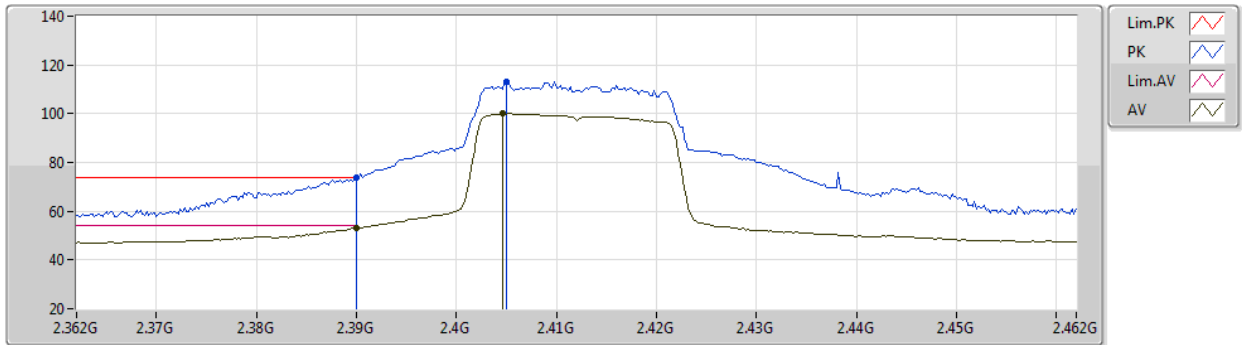
EUT Y_1TX
Setting 68
02-B-R-5

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	70.88	74.00	-3.12	40.09	3	Vertical	17	2.28	-	28.38	2.41	-
AV	2.3896G	50.64	54.00	-3.36	19.85	3	Vertical	17	2.28	-	28.38	2.41	-
PK	2.405G	109.79	Inf	-Inf	78.99	3	Vertical	17	2.28	-	28.40	2.40	-
AV	2.4052G	96.97	Inf	-Inf	66.17	3	Vertical	17	2.28	-	28.40	2.40	-

802.11ax HEW20_Nss1,(MCS0)_1TX

28/05/2021

2412MHz_TX



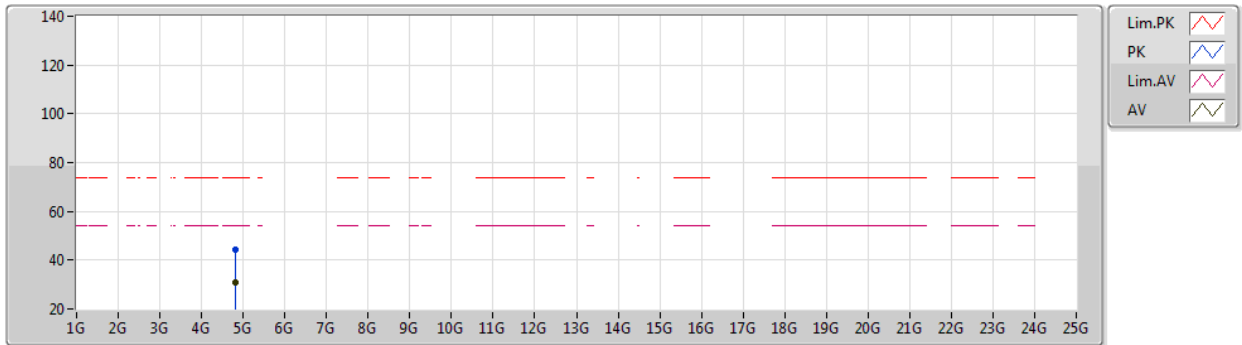
EUT Y_1TX
Setting 68
02-B-R-5

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	73.60	74.00	-0.40	42.81	3	Horizontal	64	2.37	-	28.38	2.41	-
AV	2.39G	53.30	54.00	-0.70	22.51	3	Horizontal	64	2.37	-	28.38	2.41	-
PK	2.405G	112.94	Inf	-Inf	82.14	3	Horizontal	64	2.37	-	28.40	2.40	-
AV	2.4046G	99.99	Inf	-Inf	69.19	3	Horizontal	64	2.37	-	28.40	2.40	-

802.11ax HEW20_Nss1,(MCS0)_1TX

28/05/2021

2412MHz_TX



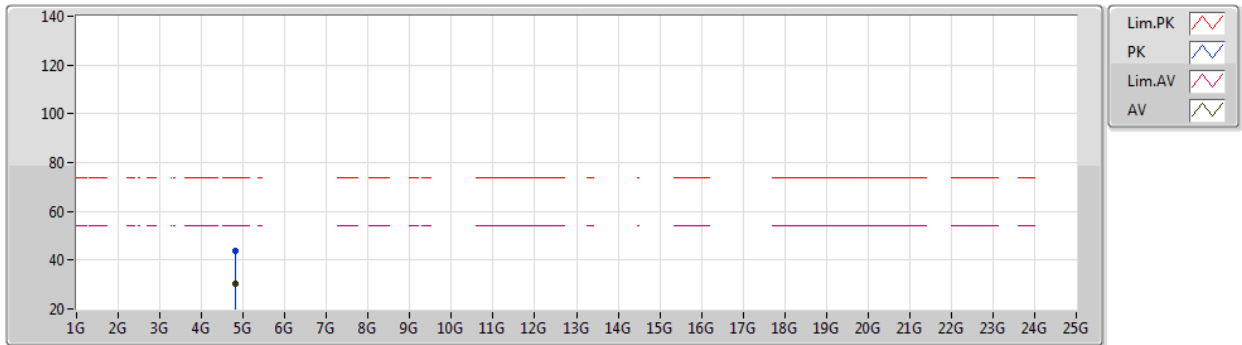
EUT Z_1TX
Setting 68
02-B-C-4

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	4.82688G	44.22	74.00	-29.78	38.49	3	Vertical	208	1.17	-	32.81	4.70	31.78
AV	4.82464G	30.79	54.00	-23.21	25.07	3	Vertical	208	1.17	-	32.80	4.70	31.78

802.11ax HEW20_Nss1,(MCS0)_1TX

28/05/2021

2412MHz_TX



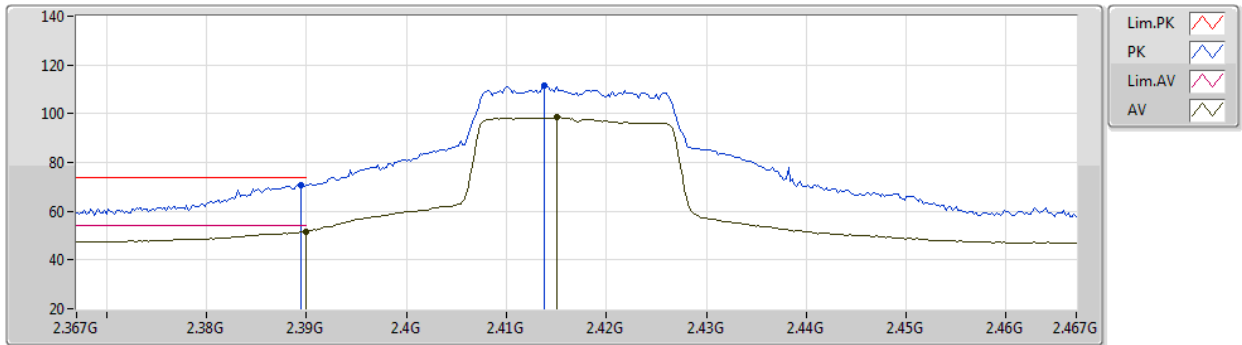
EUT Z_1TX
Setting 68
02-B-C-4

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	4.81604G	43.89	74.00	-30.11	38.20	3	Horizontal	184	1.20	-	32.76	4.70	31.77
AV	4.82452G	30.54	54.00	-23.46	24.82	3	Horizontal	184	1.20	-	32.80	4.70	31.78

802.11ax HEW20_Nss1,(MCS0)_1TX

28/05/2021

2417MHz_TX



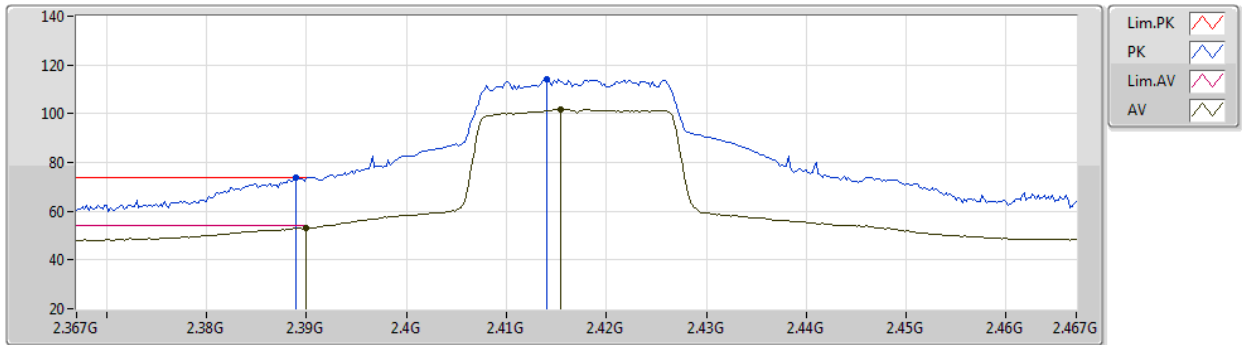
EUT Y_1TX
Setting 75
02-B-C-4

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	70.94	74.00	-3.06	40.15	3	Vertical	16	3.00	-	28.38	2.41	-
AV	2.39G	51.57	54.00	-2.43	20.78	3	Vertical	16	3.00	-	28.38	2.41	-
PK	2.4138G	111.54	Inf	-Inf	80.73	3	Vertical	16	3.00	-	28.40	2.41	-
AV	2.415G	98.41	Inf	-Inf	67.60	3	Vertical	16	3.00	-	28.40	2.41	-

802.11ax HEW20_Nss1,(MCS0)_1TX

28/05/2021

2417MHz_TX



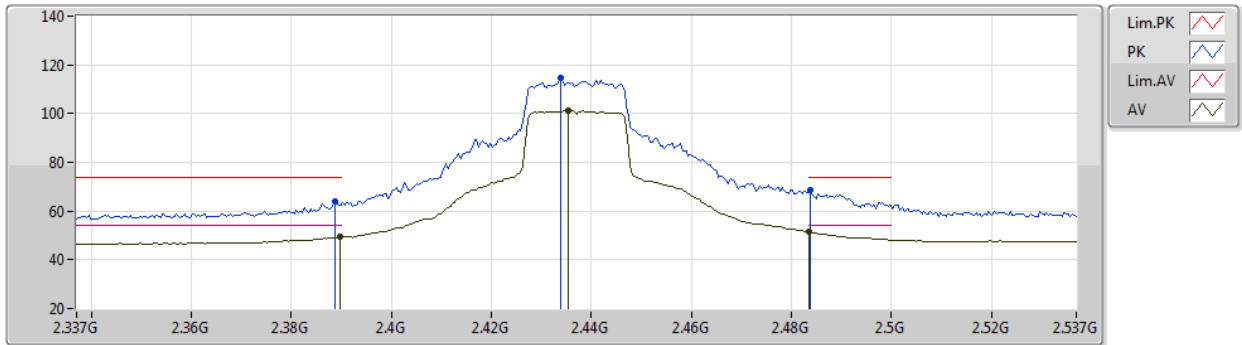
EUT Y_1TX
Setting 75
02-B-C-4

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	73.76	74.00	-0.24	42.97	3	Horizontal	69	1.93	-	28.38	2.41	-
AV	2.39G	53.08	54.00	-0.92	22.30	3	Horizontal	69	1.93	-	28.38	2.40	-
PK	2.414G	114.39	Inf	-Inf	83.58	3	Horizontal	69	1.93	-	28.40	2.41	-
AV	2.4154G	101.70	Inf	-Inf	70.89	3	Horizontal	69	1.93	-	28.40	2.41	-

802.11ax HEW20_Nss1,(MCS0)_1TX

28/05/2021

2437MHz_TX



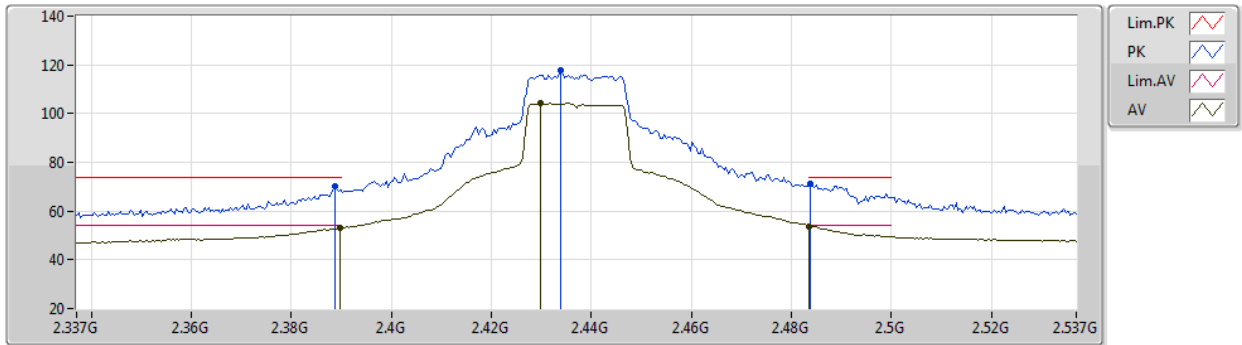
EUT Y_1TX
Setting 87
02-B-R-5

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	63.90	74.00	-10.10	33.11	3	Vertical	343	2.98	-	28.38	2.41	-
AV	2.3898G	49.29	54.00	-4.71	18.50	3	Vertical	343	2.98	-	28.38	2.41	-
PK	2.4338G	114.45	Inf	-Inf	83.63	3	Vertical	343	2.98	-	28.40	2.42	-
AV	2.4354G	101.24	Inf	-Inf	70.42	3	Vertical	343	2.98	-	28.40	2.42	-
PK	2.4838G	68.45	74.00	-5.55	37.47	3	Vertical	343	2.98	-	28.54	2.44	-
AV	2.4835G	51.57	54.00	-2.43	20.60	3	Vertical	343	2.98	-	28.53	2.44	-

802.11ax HEW20_Nss1,(MCS0)_1TX

28/05/2021

2437MHz_TX



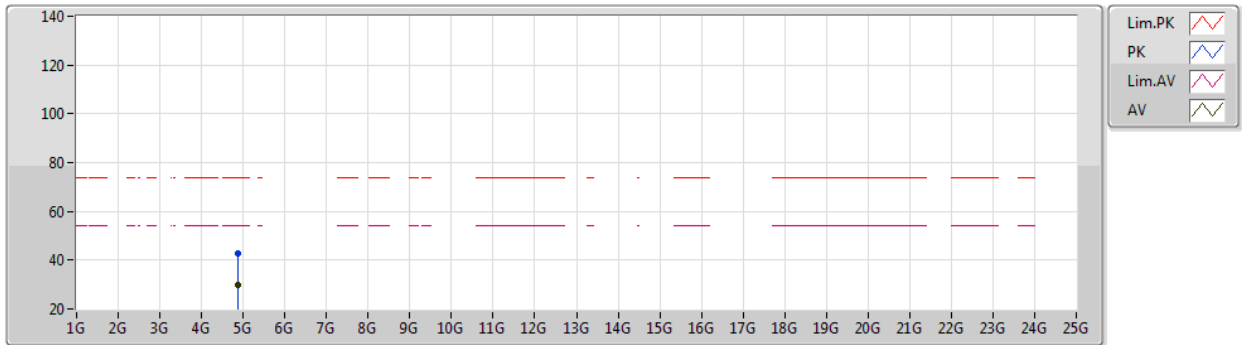
EUT Y_1TX
Setting 87
02-B-R-5

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	69.96	74.00	-4.04	39.17	3	Horizontal	64	1.94	-	28.38	2.41	-
AV	2.3898G	53.19	54.00	-0.81	22.40	3	Horizontal	64	1.94	-	28.38	2.41	-
PK	2.4338G	117.54	Inf	-Inf	86.72	3	Horizontal	64	1.94	-	28.40	2.42	-
AV	2.4298G	104.19	Inf	-Inf	73.38	3	Horizontal	64	1.94	-	28.40	2.41	-
PK	2.4838G	71.04	74.00	-2.96	40.06	3	Horizontal	64	1.94	-	28.54	2.44	-
AV	2.4835G	53.76	54.00	-0.24	22.79	3	Horizontal	64	1.94	-	28.53	2.44	-

802.11ax HEW20_Nss1,(MCS0)_1TX

28/05/2021

2437MHz_TX



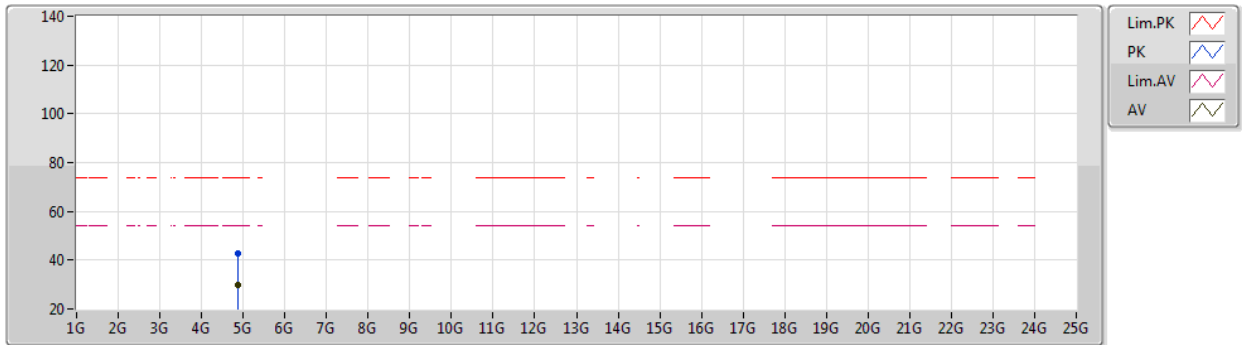
EUT_Z_1TX
Setting 87
02-B-C-4

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	4.87808G	42.90	74.00	-31.10	37.04	3	Vertical	280	1.82	-	32.96	4.70	31.80
AV	4.87732G	30.00	54.00	-24.00	24.15	3	Vertical	280	1.82	-	32.95	4.70	31.80

802.11ax HEW20_Nss1,(MCS0)_1TX

28/05/2021

2437MHz_TX



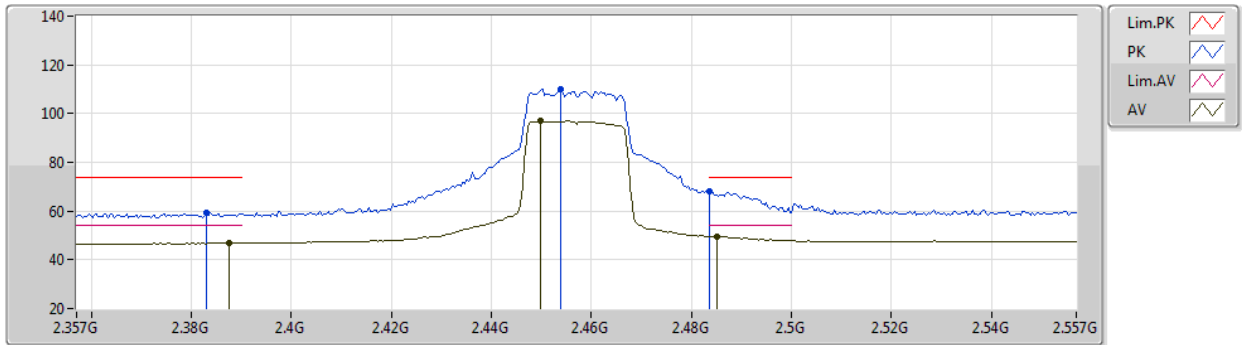
EUT Z_1TX
Setting 87
02-B-C-4

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	4.88228G	42.91	74.00	-31.09	37.05	3	Horizontal	231	1.86	-	32.96	4.70	31.80
AV	4.87336G	30.07	54.00	-23.93	24.21	3	Horizontal	231	1.86	-	32.95	4.70	31.79

802.11ax HEW20_Nss1,(MCS0)_1TX

28/05/2021

2457MHz_TX



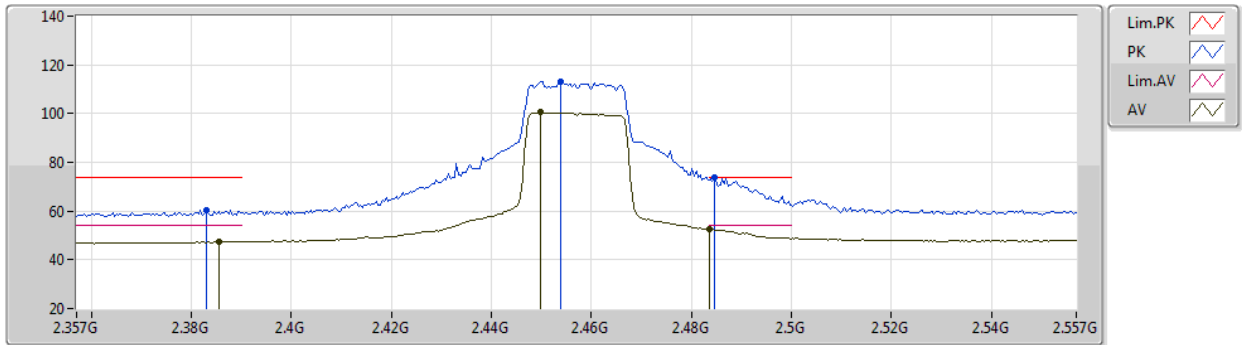
EUT Y_1TX
Setting 74
02-B-C-4

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	2.383G	59.42	74.00	-14.58	28.64	3	Vertical	7	2.43	-	28.37	2.41	-
AV	2.3874G	46.83	54.00	-7.17	16.05	3	Vertical	7	2.43	-	28.37	2.41	-
PK	2.4538G	109.97	Inf	-Inf	79.12	3	Vertical	7	2.43	-	28.42	2.43	-
AV	2.4498G	97.00	Inf	-Inf	66.18	3	Vertical	7	2.43	-	28.40	2.42	-
PK	2.4835G	68.31	74.00	-5.69	37.34	3	Vertical	7	2.43	-	28.53	2.44	-
AV	2.485G	49.63	54.00	-4.37	18.65	3	Vertical	7	2.43	-	28.54	2.44	-

802.11ax HEW20_Nss1,(MCS0)_1TX

28/05/2021

2457MHz_TX



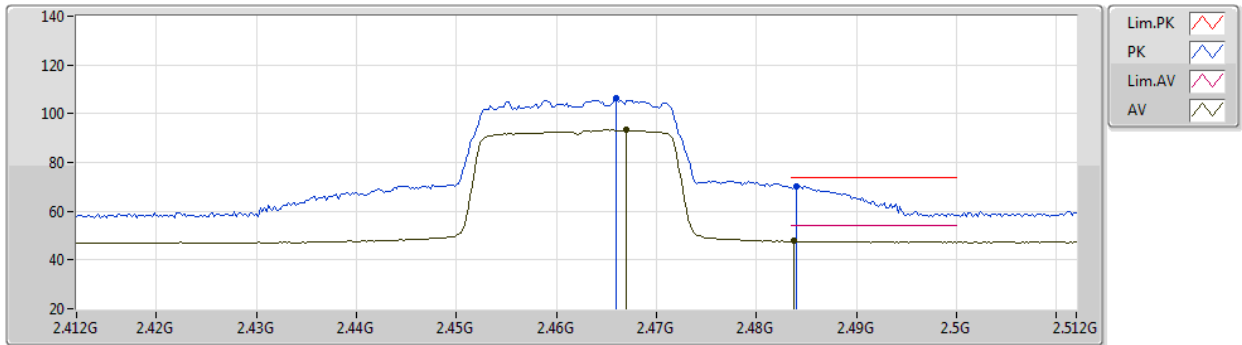
EUT V_1TX
Setting 74
02-B-C-4

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	2.383G	60.43	74.00	-13.57	29.65	3	Horizontal	64	1.89	-	28.37	2.41	-
AV	2.3854G	47.44	54.00	-6.56	16.66	3	Horizontal	64	1.89	-	28.37	2.41	-
PK	2.4538G	113.34	Inf	-Inf	82.49	3	Horizontal	64	1.89	-	28.42	2.43	-
AV	2.4498G	100.51	Inf	-Inf	69.69	3	Horizontal	64	1.89	-	28.40	2.42	-
PK	2.4846G	73.78	74.00	-0.22	42.80	3	Horizontal	64	1.89	-	28.54	2.44	-
AV	2.4835G	52.50	54.00	-1.50	21.53	3	Horizontal	64	1.89	-	28.53	2.44	-

802.11ax HEW20_Nss1,(MCS0)_1TX

28/05/2021

2462MHz_TX



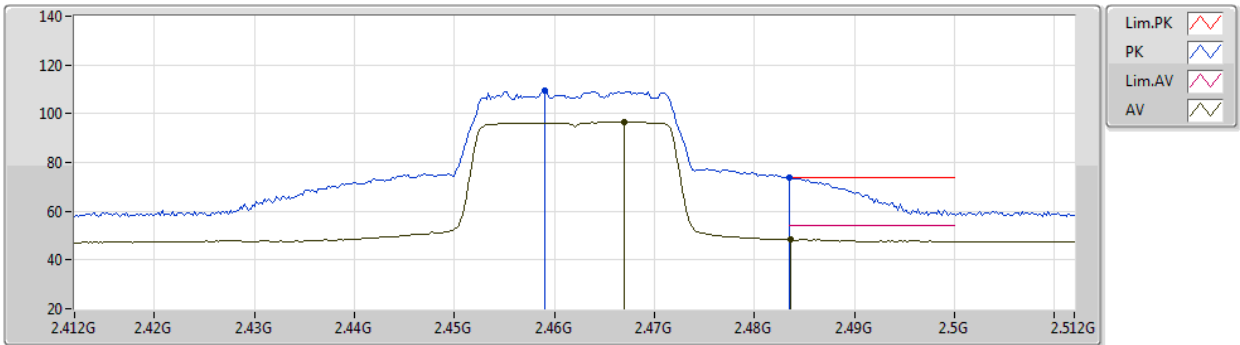
EUT Y_1TX
Setting 59
02-B-R-5

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	2.466G	106.38	Inf	-Inf	75.49	3	Vertical	0	2.18	-	28.46	2.43	-
AV	2.467G	93.30	Inf	-Inf	62.40	3	Vertical	0	2.18	-	28.47	2.43	-
PK	2.484G	70.21	74.00	-3.79	39.23	3	Vertical	0	2.18	-	28.54	2.44	-
AV	2.4838G	47.71	54.00	-6.29	16.73	3	Vertical	0	2.18	-	28.54	2.44	-

802.11ax HEW20_Nss1,(MCS0)_1TX

28/05/2021

2462MHz_TX



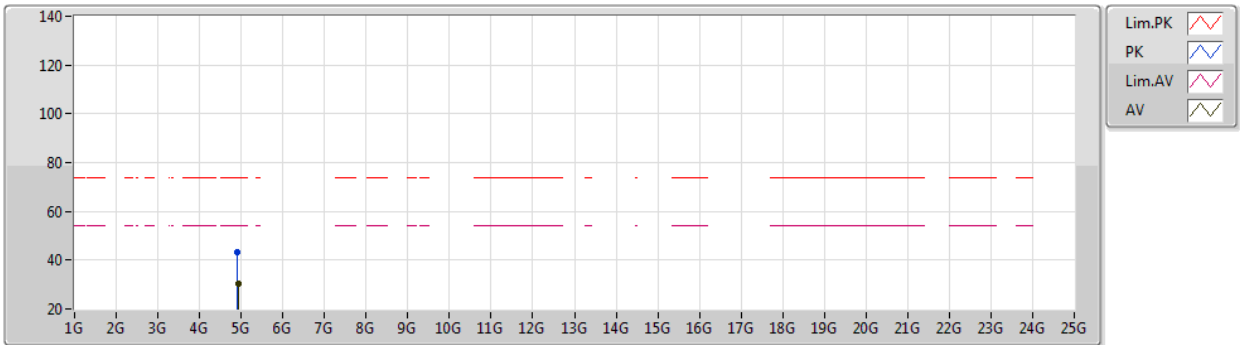
EUT Y_1TX
Setting 59
02-B-R-5

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	2.459G	109.28	Inf	-Inf	78.41	3	Horizontal	65	1.69	-	28.44	2.43	-
AV	2.467G	96.78	Inf	-Inf	65.88	3	Horizontal	65	1.69	-	28.47	2.43	-
PK	2.4835G	73.79	74.00	-0.21	42.82	3	Horizontal	65	1.69	-	28.53	2.44	-
AV	2.4836G	48.39	54.00	-5.61	17.42	3	Horizontal	65	1.69	-	28.53	2.44	-

802.11ax HEW20_Nss1,(MCS0)_1TX

28/05/2021

2462MHz_TX



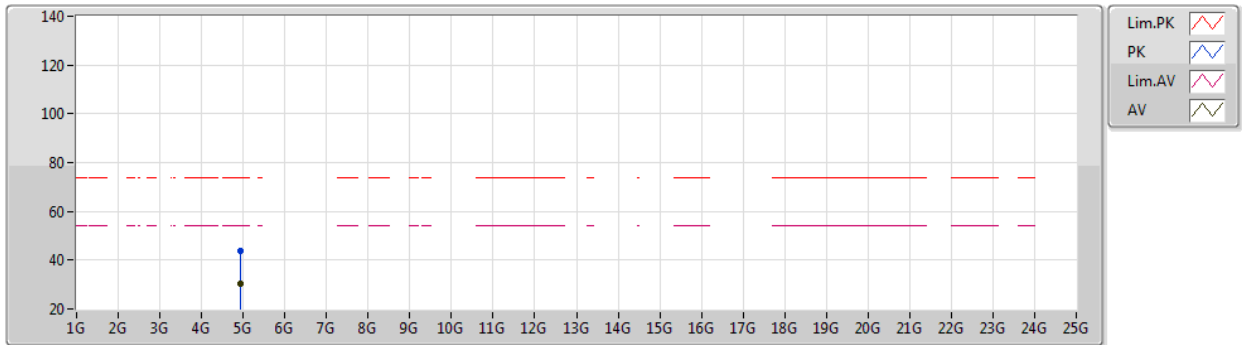
EUT Z_1TX
Setting 59
02-B-C-4

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	4.91616G	43.49	74.00	-30.51	37.50	3	Vertical	300	1.06	-	33.10	4.70	31.81
AV	4.9336G	30.52	54.00	-23.48	24.44	3	Vertical	300	1.06	-	33.20	4.70	31.82

802.11ax HEW20_Nss1,(MCS0)_1TX

28/05/2021

2462MHz_TX



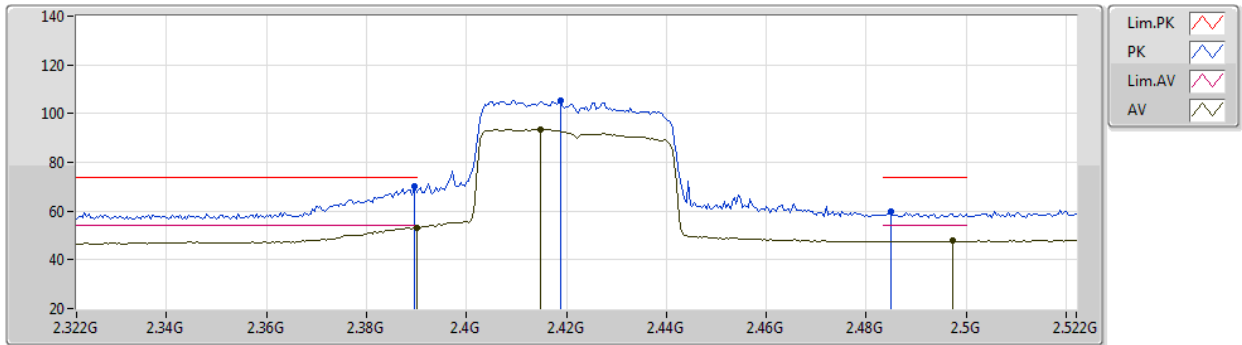
EUT Z_1TX
Setting 59
02-B-C-4

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	4.92956G	43.86	74.00	-30.14	37.79	3	Horizontal	256	2.85	-	33.18	4.70	31.81
AV	4.92116G	30.54	54.00	-23.46	24.52	3	Horizontal	256	2.85	-	33.13	4.70	31.81

802.11ax HEW40_Nss1,(MCS0)_1TX

28/05/2021

2422MHz_TX



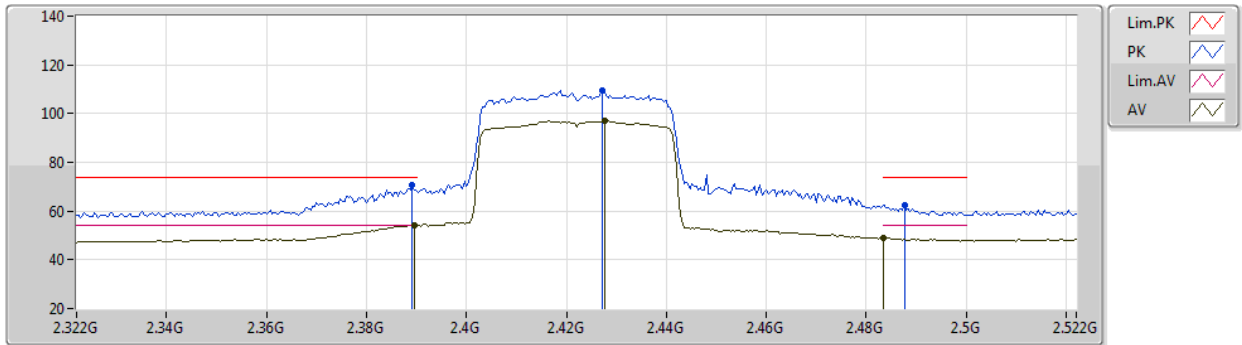
EUT Y_1TX
Setting 66
02-B-C-4

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	70.37	74.00	-3.63	39.58	3	Vertical	16	3.00	-	28.38	2.41	-
AV	2.39G	53.21	54.00	-0.79	22.42	3	Vertical	16	3.00	-	28.38	2.41	-
PK	2.4188G	105.43	Inf	-Inf	74.62	3	Vertical	16	3.00	-	28.40	2.41	-
AV	2.4148G	93.64	Inf	-Inf	62.83	3	Vertical	16	3.00	-	28.40	2.41	-
PK	2.4848G	59.68	74.00	-14.32	28.70	3	Vertical	16	3.00	-	28.54	2.44	-
AV	2.4972G	47.84	54.00	-6.16	16.80	3	Vertical	16	3.00	-	28.59	2.45	-

802.11ax HEW40_Nss1,(MCS0)_1TX

28/05/2021

2422MHz_TX



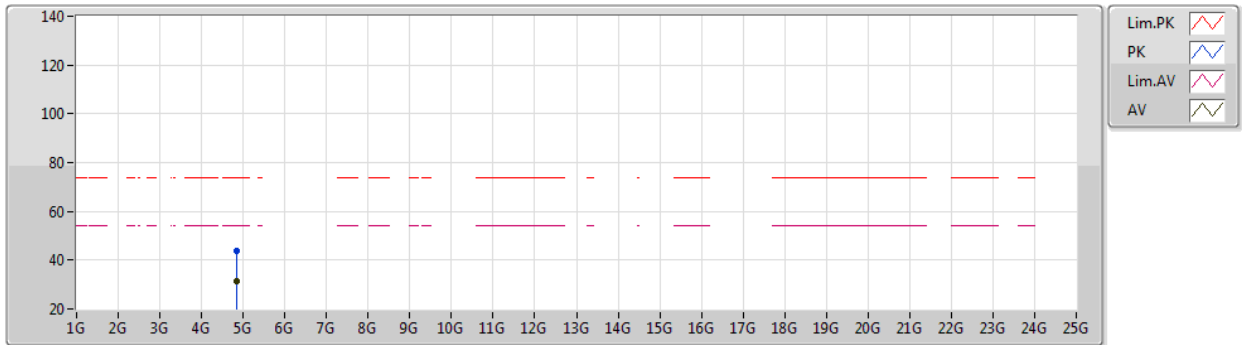
EUT Y_1TX
Setting 66
02-B-C-4

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	2.3892G	70.45	74.00	-3.55	39.66	3	Horizontal	63	1.93	-	28.38	2.41	-
AV	2.3896G	53.98	54.00	-0.02	23.19	3	Horizontal	63	1.93	-	28.38	2.41	-
PK	2.4272G	109.53	Inf	-Inf	78.72	3	Horizontal	63	1.93	-	28.40	2.41	-
AV	2.4276G	96.97	Inf	-Inf	66.16	3	Horizontal	63	1.93	-	28.40	2.41	-
PK	2.4876G	62.49	74.00	-11.51	31.50	3	Horizontal	63	1.93	-	28.55	2.44	-
AV	2.4835G	48.81	54.00	-5.19	17.84	3	Horizontal	63	1.93	-	28.53	2.44	-

802.11ax HEW40_Nss1,(MCS0)_1TX

28/05/2021

2422MHz_TX



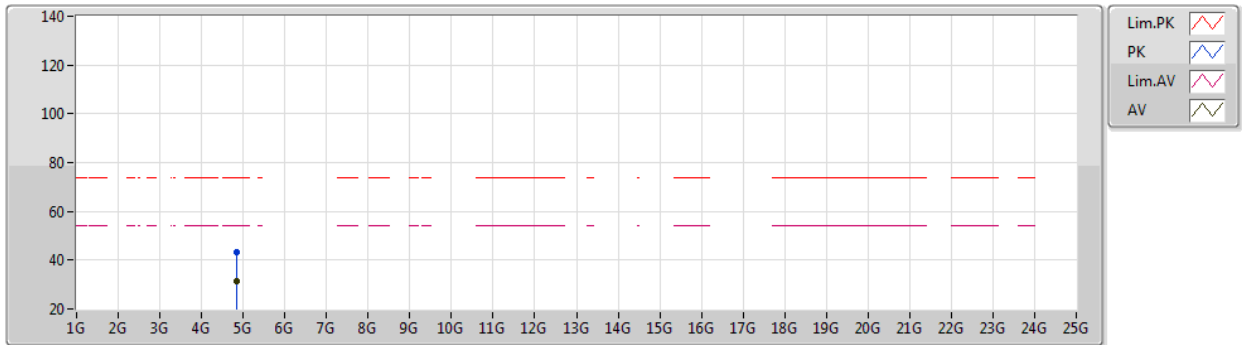
EUT Z_1TX
Setting 66
02-B-C-4

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	4.84956G	43.97	74.00	-30.03	38.16	3	Vertical	53	2.20	-	32.90	4.70	31.79
AV	4.83436G	31.19	54.00	-22.81	25.43	3	Vertical	53	2.20	-	32.84	4.70	31.78

802.11ax HEW40_Nss1,(MCS0)_1TX

28/05/2021

2422MHz_TX



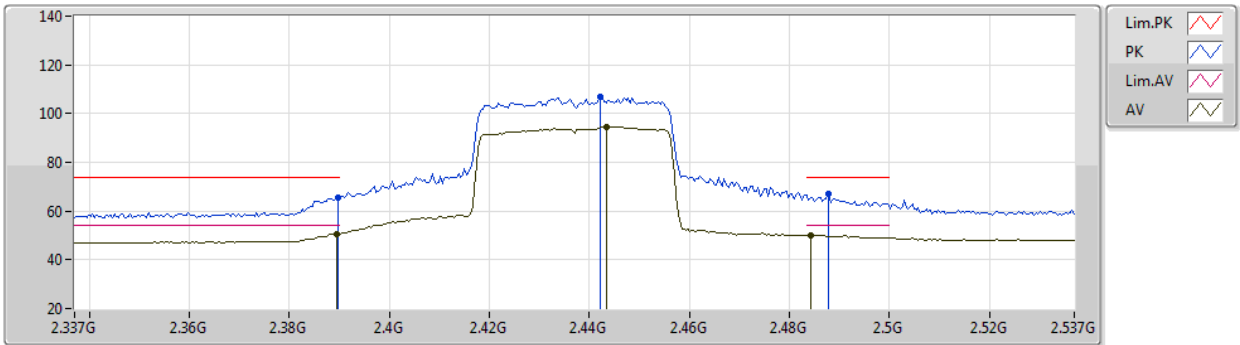
EUT_Z_1TX
Setting 66
02-B-C-4

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	4.84388G	43.21	74.00	-30.79	37.41	3	Horizontal	240	1.91	-	32.88	4.70	31.78
AV	4.84512G	31.28	54.00	-22.72	25.48	3	Horizontal	240	1.91	-	32.88	4.70	31.78

802.11ax HEW40_Nss1,(MCS0)_1TX

28/05/2021

2437MHz_TX



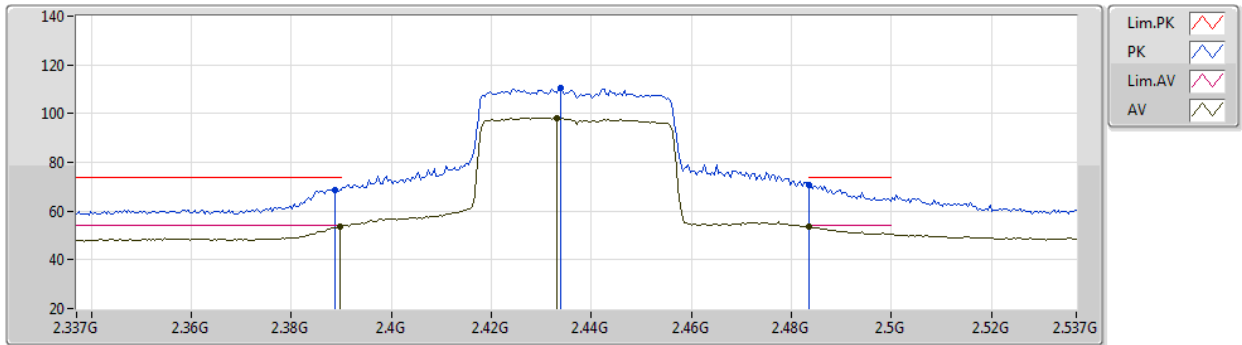
EUT Y_1TX
Setting 72
02-B-C-4

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	65.71	74.00	-8.29	34.92	3	Vertical	7	2.45	-	28.38	2.41	-
AV	2.3894G	50.68	54.00	-3.32	19.89	3	Vertical	7	2.45	-	28.38	2.41	-
PK	2.4422G	106.82	Inf	-Inf	76.00	3	Vertical	7	2.45	-	28.40	2.42	-
AV	2.4434G	94.46	Inf	-Inf	63.64	3	Vertical	7	2.45	-	28.40	2.42	-
PK	2.4878G	66.91	74.00	-7.09	35.92	3	Vertical	7	2.45	-	28.55	2.44	-
AV	2.4842G	50.24	54.00	-3.76	19.26	3	Vertical	7	2.45	-	28.54	2.44	-

802.11ax HEW40_Nss1,(MCS0)_1TX

28/05/2021

2437MHz_TX



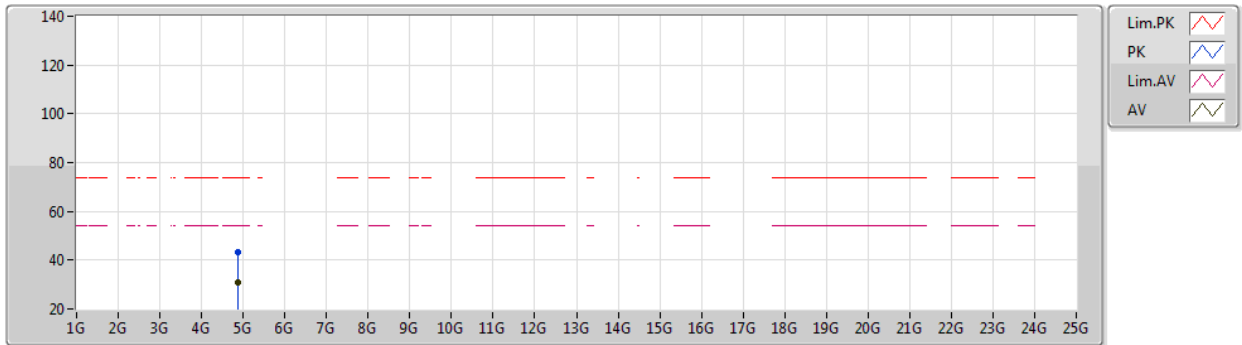
EUT Y_1TX
Setting 72
02-B-C-4

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	68.83	74.00	-5.17	38.04	3	Horizontal	67	1.92	-	28.38	2.41	-
AV	2.3898G	53.51	54.00	-0.49	22.72	3	Horizontal	67	1.92	-	28.38	2.41	-
PK	2.4338G	110.70	Inf	-Inf	79.88	3	Horizontal	67	1.92	-	28.40	2.42	-
AV	2.433G	98.17	Inf	-Inf	67.35	3	Horizontal	67	1.92	-	28.40	2.42	-
PK	2.4835G	70.76	74.00	-3.24	39.79	3	Horizontal	67	1.92	-	28.53	2.44	-
AV	2.4835G	53.77	54.00	-0.23	22.80	3	Horizontal	67	1.92	-	28.53	2.44	-

802.11ax HEW40_Nss1,(MCS0)_1TX

28/05/2021

2437MHz_TX



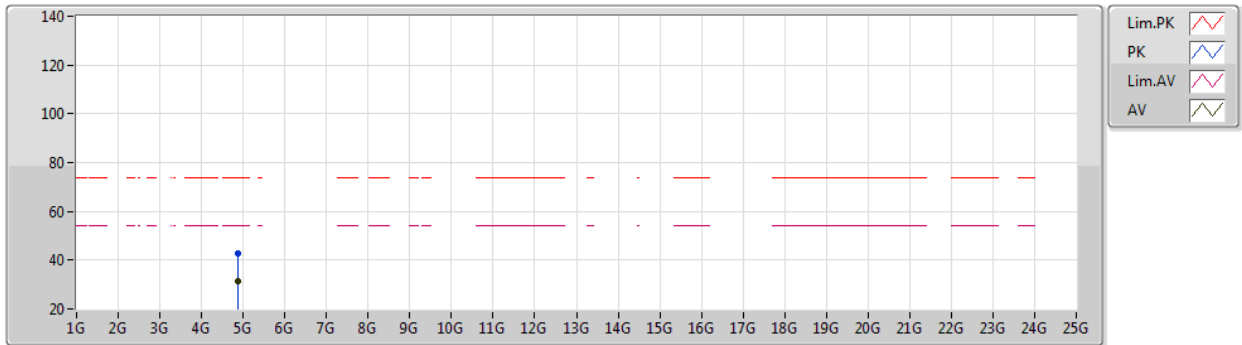
EUT Z_1TX
Setting 72
02-B-C-4

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	4.87344G	43.21	74.00	-30.79	37.35	3	Vertical	23	2.09	-	32.95	4.70	31.79
AV	4.87316G	31.11	54.00	-22.89	25.25	3	Vertical	23	2.09	-	32.95	4.70	31.79

802.11ax HEW40_Nss1,(MCS0)_1TX

28/05/2021

2437MHz_TX



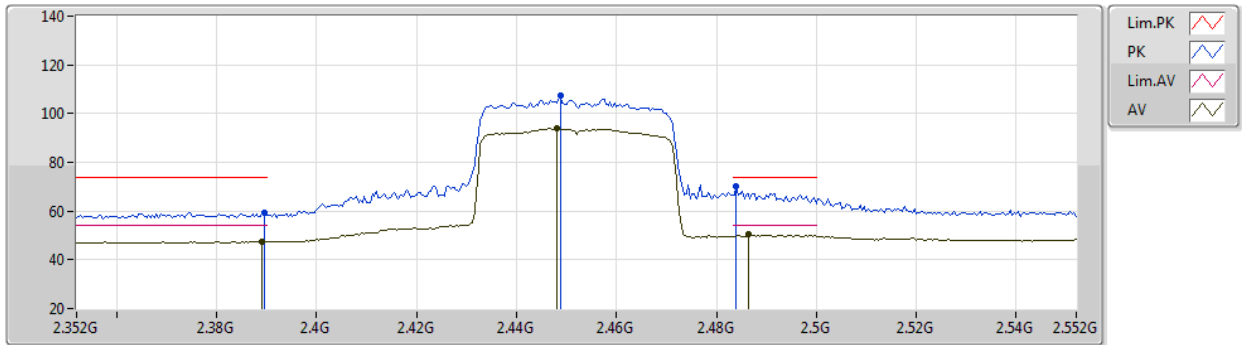
EUT Z_1TX
Setting 72
02-B-C-4

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	4.88084G	43.00	74.00	-31.00	37.14	3	Horizontal	136	1.72	-	32.96	4.70	31.80
AV	4.87512G	31.27	54.00	-22.73	25.42	3	Horizontal	136	1.72	-	32.95	4.70	31.80

802.11ax HEW40_Nss1,(MCS0)_1TX

28/05/2021

2452MHz_TX

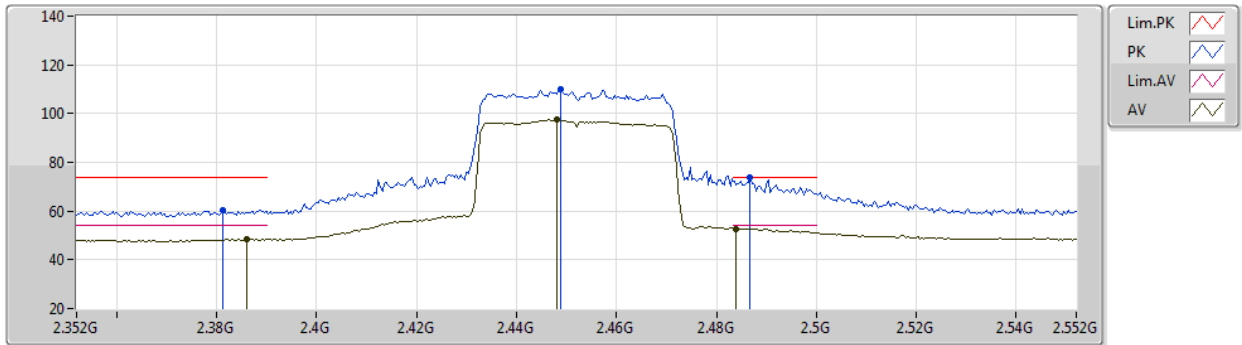

EUT Y_1TX
Setting 69
02-B-C-4

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	59.56	74.00	-14.44	28.77	3	Vertical	8	2.42	-	28.38	2.41	-
AV	2.3892G	47.56	54.00	-6.44	16.77	3	Vertical	8	2.42	-	28.38	2.41	-
PK	2.4488G	107.41	Inf	-Inf	76.59	3	Vertical	8	2.42	-	28.40	2.42	-
AV	2.448G	93.96	Inf	-Inf	63.14	3	Vertical	8	2.42	-	28.40	2.42	-
PK	2.484G	70.33	74.00	-3.67	39.35	3	Vertical	8	2.42	-	28.54	2.44	-
AV	2.4864G	50.37	54.00	-3.63	19.38	3	Vertical	8	2.42	-	28.55	2.44	-

802.11ax HEW40_Nss1,(MCS0)_1TX

28/05/2021

2452MHz_TX



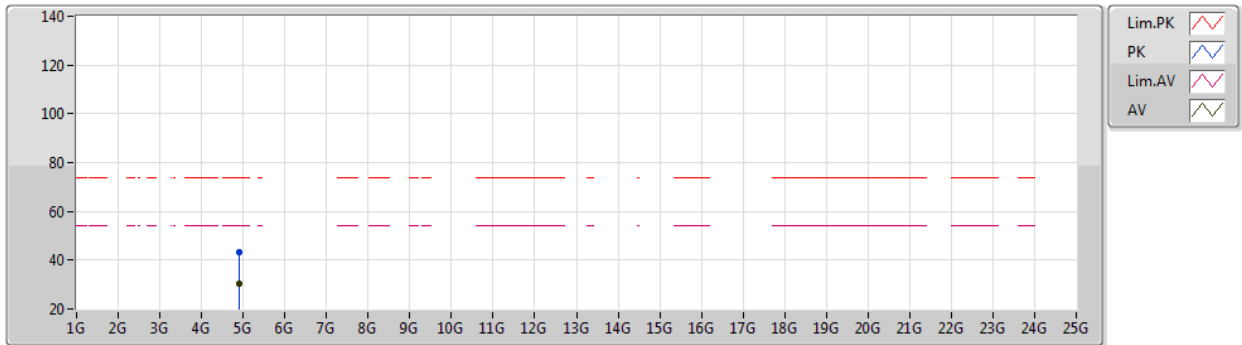
EUT V_1TX
Setting 69
02-B-C-4

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	2.3812G	60.37	74.00	-13.63	29.60	3	Horizontal	65	1.90	-	28.36	2.41	-
AV	2.386G	48.45	54.00	-5.55	17.67	3	Horizontal	65	1.90	-	28.37	2.41	-
PK	2.4488G	109.94	Inf	-Inf	79.12	3	Horizontal	65	1.90	-	28.40	2.42	-
AV	2.448G	97.43	Inf	-Inf	66.61	3	Horizontal	65	1.90	-	28.40	2.42	-
PK	2.4868G	73.90	74.00	-0.10	42.91	3	Horizontal	65	1.90	-	28.55	2.44	-
AV	2.484G	52.69	54.00	-1.31	21.71	3	Horizontal	65	1.90	-	28.54	2.44	-

802.11ax HEW40_Nss1,(MCS0)_1TX

28/05/2021

2452MHz_TX



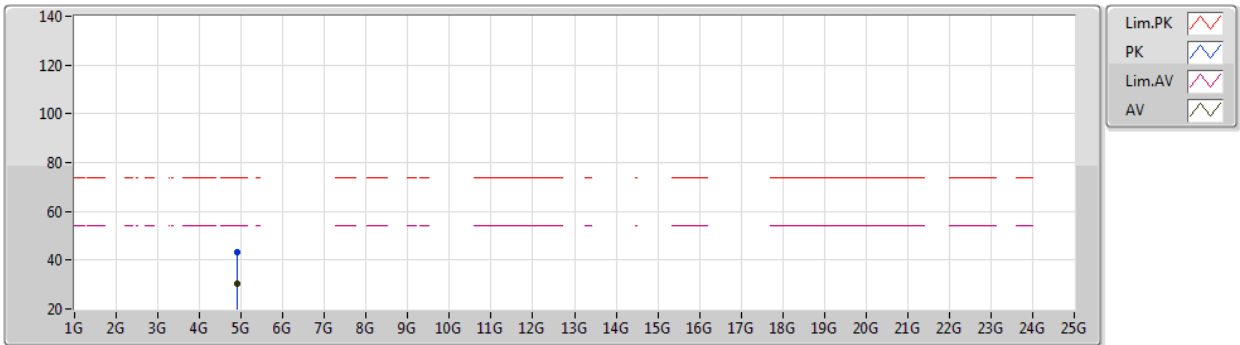
EUT Z_1TX
Setting 69
02-B-C-4

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	4.89692G	43.23	74.00	-30.77	37.34	3	Vertical	323	2.17	-	32.99	4.70	31.80
AV	4.90704G	30.53	54.00	-23.47	24.60	3	Vertical	323	2.17	-	33.04	4.70	31.81

802.11ax HEW40_Nss1,(MCS0)_1TX

28/05/2021

2452MHz_TX



EUT Z_1TX
Setting 69
02-B-C-4

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	4.9078G	43.35	74.00	-30.65	37.41	3	Horizontal	74	1.51	-	33.05	4.70	31.81
AV	4.9004G	30.55	54.00	-23.45	24.65	3	Horizontal	74	1.51	-	33.00	4.70	31.80



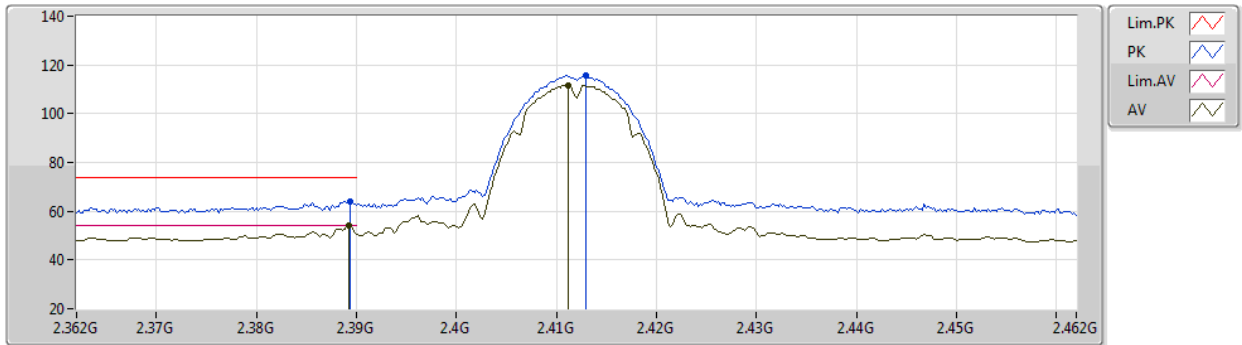
**For 2T1S and 2T2S
Summary**

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_Nss2,(MCS0)_2TX	Pass	AV	2.39G	53.99	54.00	-0.01	3	Vertical	282	2.49	-

802.11b_Nss1,(1Mbps)_2TX

28/05/2021

2412MHz_TX



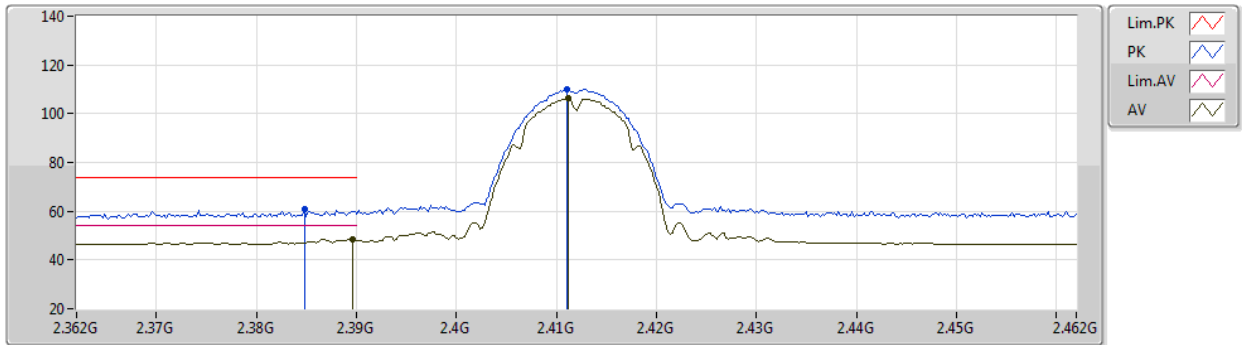
EUT Z_2TX
Setting 81
02-B-C-4

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	64.15	74.00	-9.85	33.36	3	Vertical	102	1.87	-	28.38	2.41	-
AV	2.3892G	53.98	54.00	-0.02	23.19	3	Vertical	102	1.87	-	28.38	2.41	-
PK	2.413G	115.75	Inf	-Inf	84.94	3	Vertical	102	1.87	-	28.40	2.41	-
AV	2.4112G	111.70	Inf	-Inf	80.89	3	Vertical	102	1.87	-	28.40	2.41	-

802.11b_Nss1,(1Mbps)_2TX

28/05/2021

2412MHz_TX



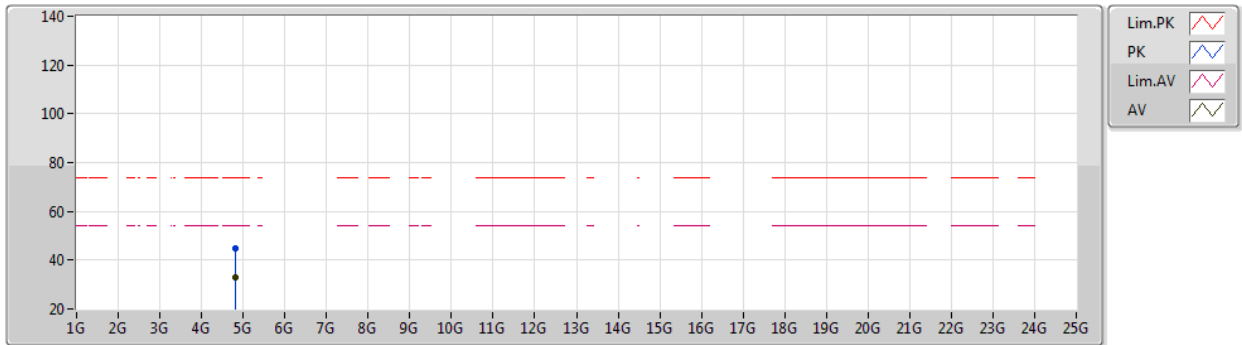
EUT Z_2TX
Setting 81
02-B-C-4

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	2.3848G	60.78	74.00	-13.22	30.00	3	Horizontal	331	2.74	-	28.37	2.41	-
AV	2.3896G	48.43	54.00	-5.57	17.64	3	Horizontal	331	2.74	-	28.38	2.41	-
PK	2.411G	110.04	Inf	-Inf	79.23	3	Horizontal	331	2.74	-	28.40	2.41	-
AV	2.4112G	106.40	Inf	-Inf	75.59	3	Horizontal	331	2.74	-	28.40	2.41	-

802.11b_Nss1,(1Mbps)_2TX

28/05/2021

2412MHz_TX



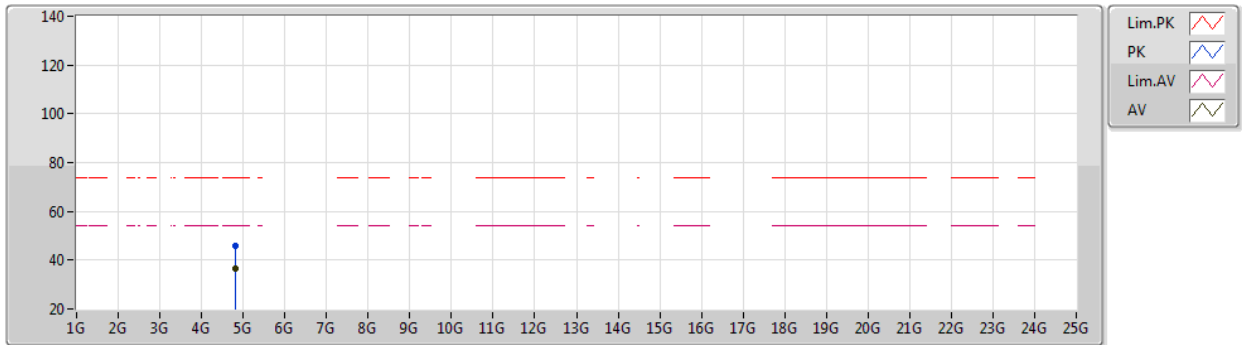
EUT_Z_2TX
Setting 81
02-B-C-4

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	4.82408G	44.88	74.00	-29.12	39.16	3	Vertical	83	2.55	-	32.80	4.70	31.78
AV	4.82088G	32.68	54.00	-21.32	26.98	3	Vertical	83	2.55	-	32.78	4.70	31.78

802.11b_Nss1,(1Mbps)_2TX

28/05/2021

2412MHz_TX



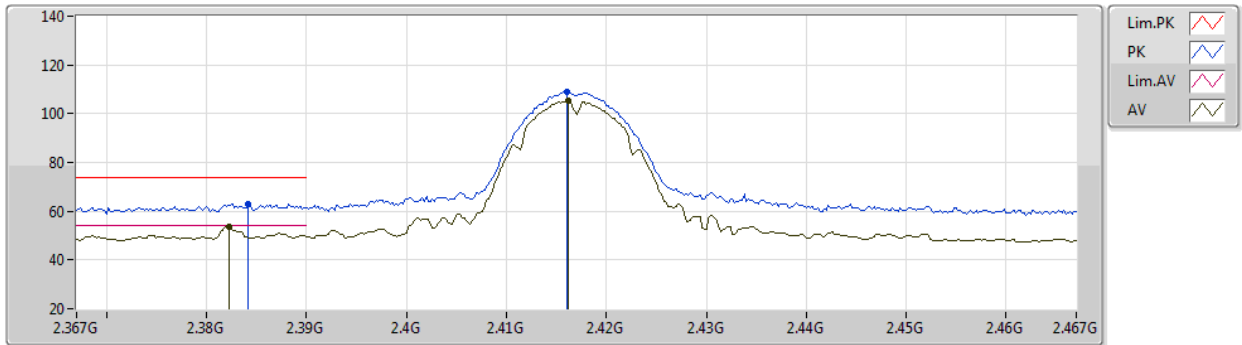
EUT_Z_2TX
Setting 81
02-B-C-4

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	4.82404G	45.94	74.00	-28.06	40.22	3	Horizontal	320	1.00	-	32.80	4.70	31.78
AV	4.82404G	36.39	54.00	-17.61	30.67	3	Horizontal	320	1.00	-	32.80	4.70	31.78

802.11b_Nss1,(1Mbps)_2TX

27/05/2021

2417MHz_TX



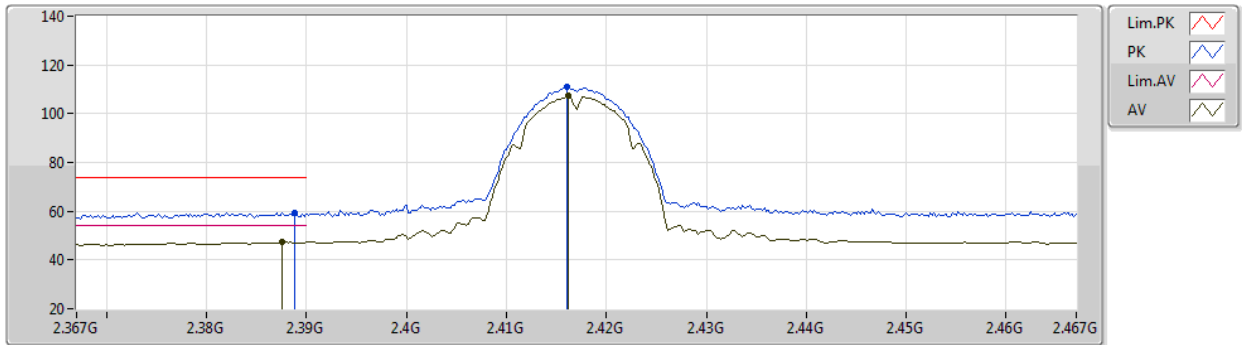
EUT_Z_2TX
Setting 86
02-B-R-5

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	2.3842G	62.95	74.00	-11.05	32.17	3	Vertical	98	2.41	-	28.37	2.41	-
AV	2.3822G	53.54	54.00	-0.46	22.77	3	Vertical	98	2.41	-	28.36	2.41	-
PK	2.416G	109.18	Inf	-Inf	78.37	3	Vertical	98	2.41	-	28.40	2.41	-
AV	2.4162G	105.57	Inf	-Inf	74.76	3	Vertical	98	2.41	-	28.40	2.41	-

802.11b_Nss1,(1Mbps)_2TX

27/05/2021

2417MHz_TX



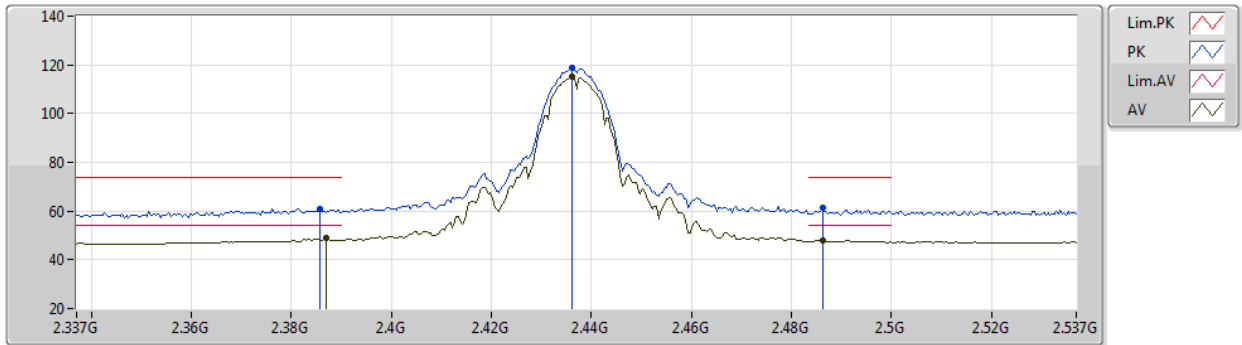
EUT_Z_2TX
Setting 86
02-B-R-5

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	59.55	74.00	-14.45	28.76	3	Horizontal	311	2.97	-	28.38	2.41	-
AV	2.3876G	47.26	54.00	-6.74	16.47	3	Horizontal	311	2.97	-	28.38	2.41	-
PK	2.416G	110.89	Inf	-Inf	80.08	3	Horizontal	311	2.97	-	28.40	2.41	-
AV	2.4162G	107.20	Inf	-Inf	76.39	3	Horizontal	311	2.97	-	28.40	2.41	-

802.11b_Nss1,(1Mbps)_2TX

27/05/2021

2437MHz_TX



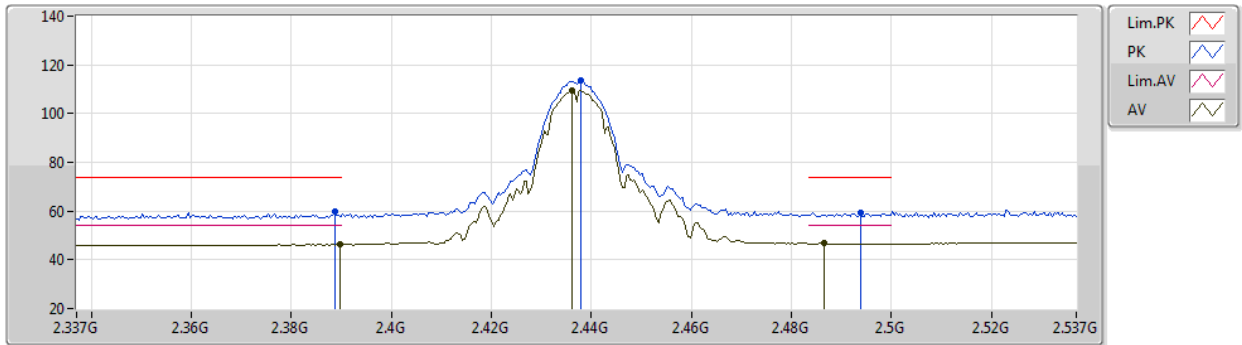
EUT_Z_2TX
Setting 93
02-B-C-4

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	2.3858G	60.70	74.00	-13.30	29.92	3	Vertical	101	2.42	-	28.37	2.41	-
AV	2.387G	48.73	54.00	-5.27	17.95	3	Vertical	101	2.42	-	28.37	2.41	-
PK	2.4362G	118.87	Inf	-Inf	88.05	3	Vertical	101	2.42	-	28.40	2.42	-
AV	2.4362G	115.15	Inf	-Inf	84.33	3	Vertical	101	2.42	-	28.40	2.42	-
PK	2.4862G	61.16	74.00	-12.84	30.18	3	Vertical	101	2.42	-	28.54	2.44	-
AV	2.4862G	47.84	54.00	-6.16	16.86	3	Vertical	101	2.42	-	28.54	2.44	-

802.11b_Nss1,(1Mbps)_2TX

27/05/2021

2437MHz_TX



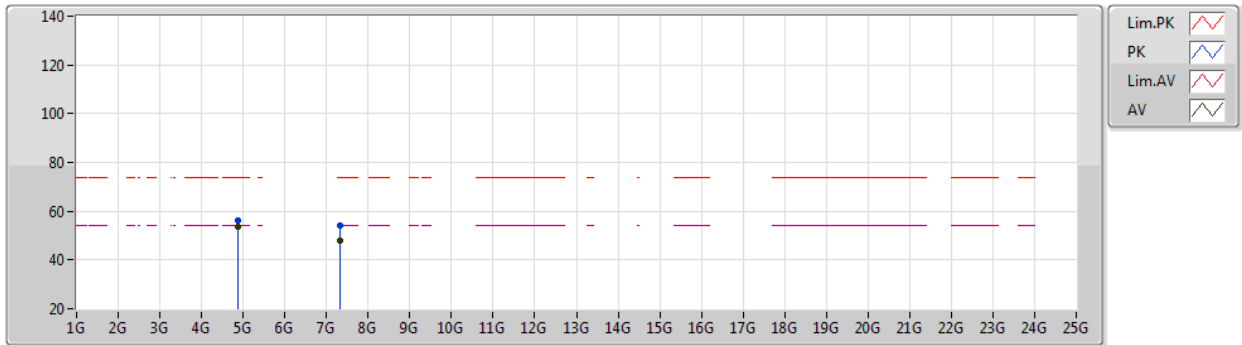
EUT_Z_2TX
Setting 93
02-B-C-4

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	59.94	74.00	-14.06	29.15	3	Horizontal	332	2.96	-	28.38	2.41	-
AV	2.3898G	46.24	54.00	-7.76	15.45	3	Horizontal	332	2.96	-	28.38	2.41	-
PK	2.4378G	113.44	Inf	-Inf	82.62	3	Horizontal	332	2.96	-	28.40	2.42	-
AV	2.4362G	109.68	Inf	-Inf	78.86	3	Horizontal	332	2.96	-	28.40	2.42	-
PK	2.4938G	59.33	74.00	-14.67	28.30	3	Horizontal	332	2.96	-	28.58	2.45	-
AV	2.4866G	46.73	54.00	-7.27	15.74	3	Horizontal	332	2.96	-	28.55	2.44	-

802.11b_Nss1,(1Mbps)_2TX

27/05/2021

2437MHz_TX



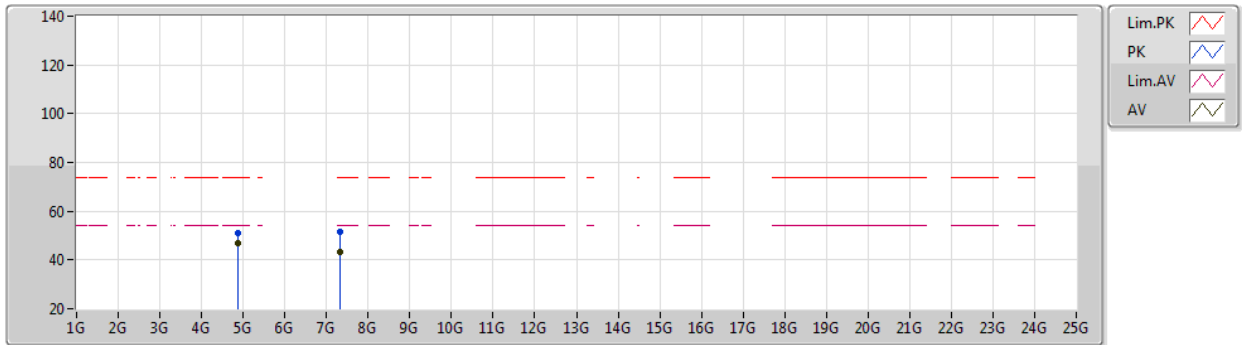
EUT_Z_2TX
Setting 93
02-B-C-4

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	4.874G	56.45	74.00	-17.44	50.59	3	Vertical	317	2.49	-	32.95	4.70	31.79
AV	4.87396G	53.81	54.00	-0.19	47.95	3	Vertical	317	2.49	-	32.95	4.70	31.79
PK	7.31176G	54.27	74.00	-19.73	44.51	3	Vertical	229	2.23	-	36.42	5.76	32.42
AV	7.31168G	47.82	54.00	-6.18	38.06	3	Vertical	229	2.23	-	36.42	5.76	32.42

802.11b_Nss1,(1Mbps)_2TX

27/05/2021

2437MHz_TX



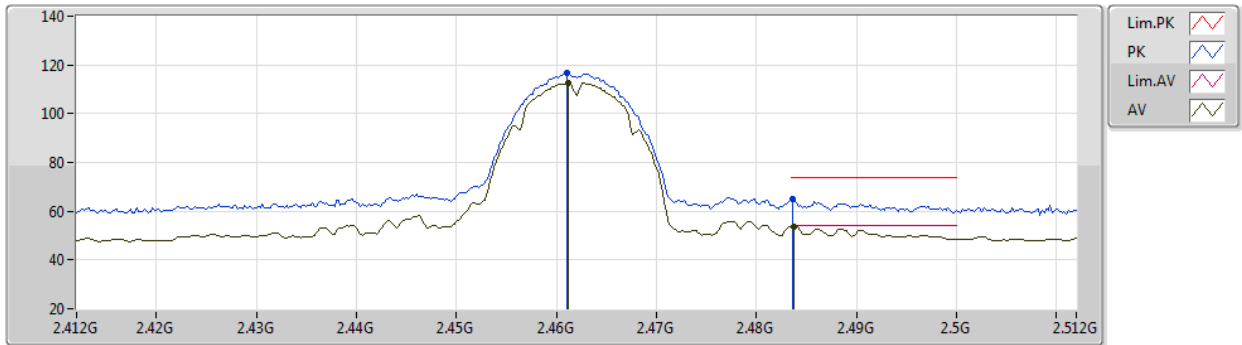
EUT_Z_2TX
Setting 93
02-B-C-4

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	51.16	74.00	-22.84	45.30	3	Horizontal	324	1.08	-	32.95	4.70	31.79
AV	4.87396G	47.06	54.00	-6.94	41.20	3	Horizontal	324	1.08	-	32.95	4.70	31.79
PK	7.31188G	51.67	74.00	-22.33	41.91	3	Horizontal	120	2.48	-	36.42	5.76	32.42
AV	7.31172G	43.07	54.00	-10.93	33.31	3	Horizontal	120	2.48	-	36.42	5.76	32.42

802.11b_Nss1,(1Mbps)_2TX

27/05/2021

2462MHz_TX



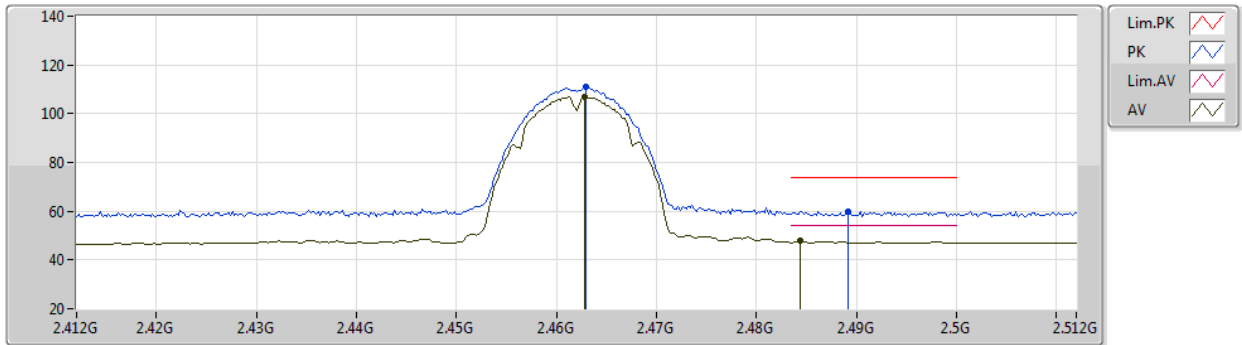
EUT Z_2TX
Setting 84
02-B-C-4

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	116.57	Inf	-Inf	85.70	3	Vertical	101	2.63	-	28.44	2.43	-
AV	2.4612G	112.75	Inf	-Inf	81.88	3	Vertical	101	2.63	-	28.44	2.43	-
PK	2.4836G	64.89	74.00	-9.11	33.92	3	Vertical	101	2.63	-	28.53	2.44	-
AV	2.4838G	53.85	54.00	-0.15	22.87	3	Vertical	101	2.63	-	28.54	2.44	-

802.11b_Nss1,(1Mbps)_2TX

27/05/2021

2462MHz_TX



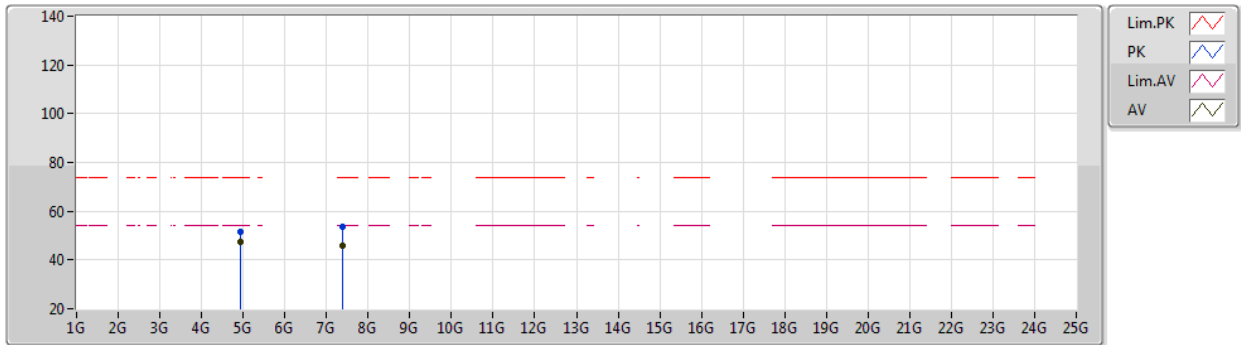
EUT Z_2TX
Setting 84
02-B-C-4

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	110.79	Inf	-Inf	79.91	3	Horizontal	291	1.92	-	28.45	2.43	-
AV	2.4628G	106.77	Inf	-Inf	75.89	3	Horizontal	291	1.92	-	28.45	2.43	-
PK	2.4892G	59.78	74.00	-14.22	28.78	3	Horizontal	291	1.92	-	28.56	2.44	-
AV	2.4844G	47.77	54.00	-6.23	16.79	3	Horizontal	291	1.92	-	28.54	2.44	-

802.11b_Nss1,(1Mbps)_2TX

27/05/2021

2462MHz_TX



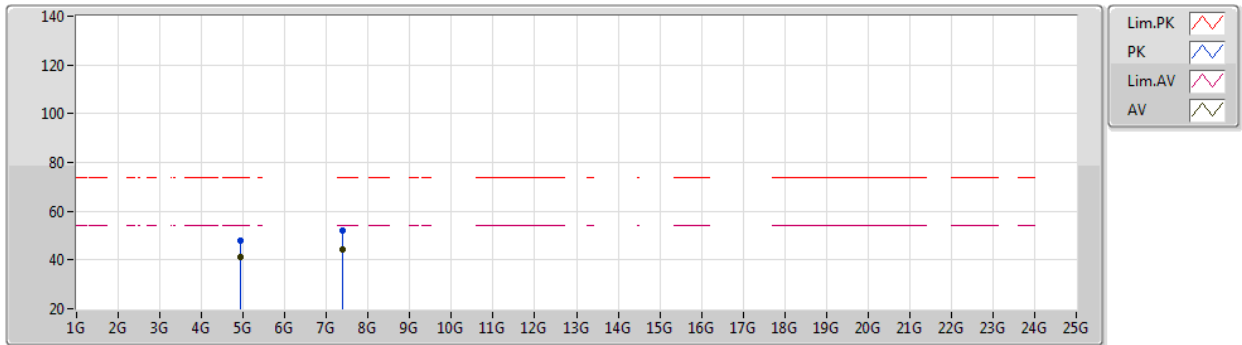
EUT_Z_2TX
Setting 84
02-B-C-4

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	4.924G	51.64	74.00	-22.36	45.61	3	Vertical	315	2.54	-	33.14	4.70	31.81
AV	4.92396G	47.22	54.00	-6.78	41.19	3	Vertical	315	2.54	-	33.14	4.70	31.81
PK	7.38504G	53.45	74.00	-20.55	43.54	3	Vertical	351	2.25	-	36.57	5.79	32.45
AV	7.38668G	45.95	54.00	-8.05	36.04	3	Vertical	351	2.25	-	36.57	5.79	32.45

802.11b_Nss1,(1Mbps)_2TX

27/05/2021

2462MHz_TX



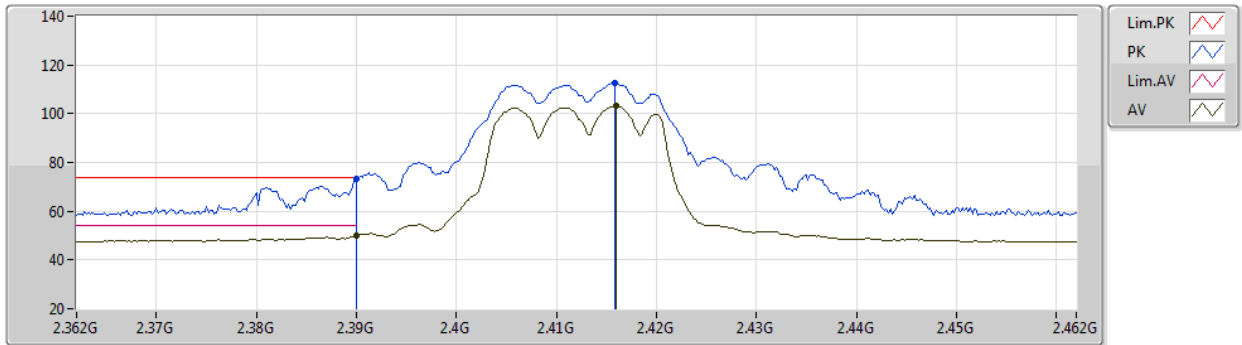
EUT_Z_2TX
Setting 84
02-B-C-4

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	4.924G	48.17	74.00	-25.83	42.14	3	Horizontal	307	1.00	-	33.14	4.70	31.81
AV	4.924G	41.18	54.00	-12.82	35.15	3	Horizontal	307	1.00	-	33.14	4.70	31.81
PK	7.38648G	52.26	74.00	-21.74	42.35	3	Horizontal	133	2.19	-	36.57	5.79	32.45
AV	7.38524G	44.14	54.00	-9.86	34.23	3	Horizontal	133	2.19	-	36.57	5.79	32.45

802.11g_Nss1,(6Mbps)_2TX

27/05/2021

2412MHz_TX



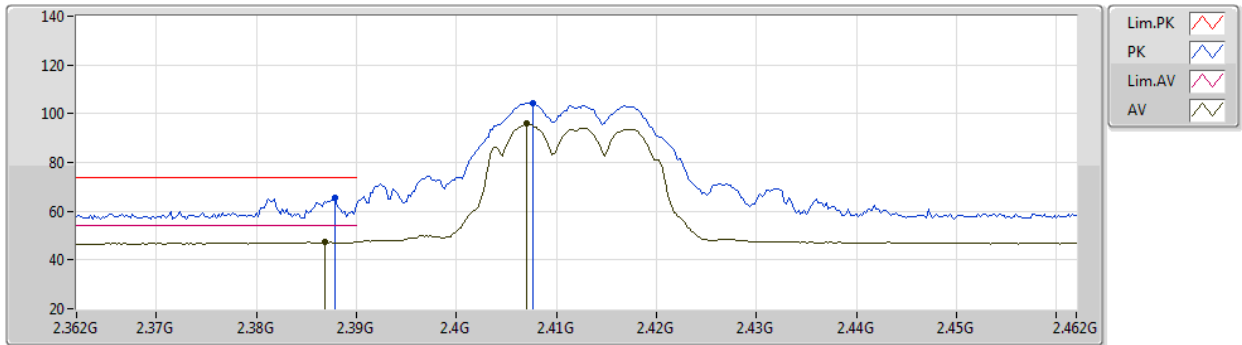
EUT_Z_2TX
Setting 68
02-B-R-5

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	73.42	74.00	-0.58	42.63	3	Vertical	112	2.41	-	28.38	2.41	-
AV	2.39G	50.13	54.00	-3.87	19.34	3	Vertical	112	2.41	-	28.38	2.41	-
PK	2.4158G	112.67	Inf	-Inf	81.86	3	Vertical	112	2.41	-	28.40	2.41	-
AV	2.416G	103.35	Inf	-Inf	72.54	3	Vertical	112	2.41	-	28.40	2.41	-

802.11g_Nss1,(6Mbps)_2TX

27/05/2021

2412MHz_TX



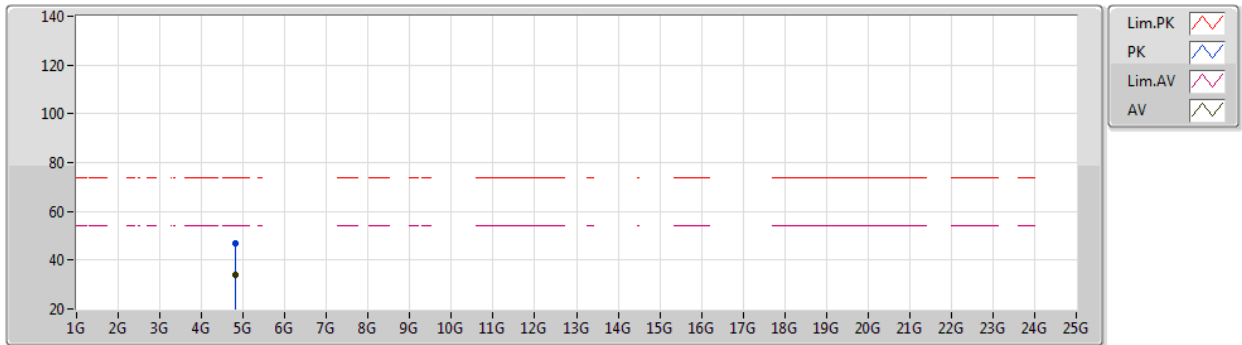
EUT_Z_2TX
Setting 68
02-B-R-5

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	2.3878G	65.66	74.00	-8.34	34.87	3	Horizontal	8	1.20	-	28.38	2.41	-
AV	2.3868G	47.38	54.00	-6.62	16.60	3	Horizontal	8	1.20	-	28.37	2.41	-
PK	2.4076G	104.46	Inf	-Inf	73.66	3	Horizontal	8	1.20	-	28.40	2.40	-
AV	2.407G	95.81	Inf	-Inf	65.01	3	Horizontal	8	1.20	-	28.40	2.40	-

802.11g_Nss1,(6Mbps)_2TX

27/05/2021

2412MHz_TX



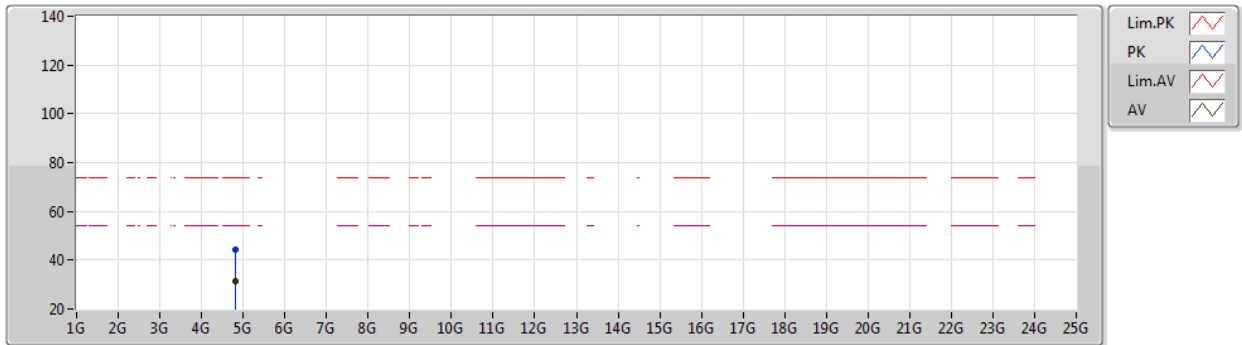
EUT_Z_2TX
Setting 68
02-B-N-2

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	4.82022G	46.69	74.00	-27.31	40.99	3	Vertical	77	2.48	-	32.78	4.70	31.78
AV	4.8255G	33.76	54.00	-20.24	28.04	3	Vertical	77	2.48	-	32.80	4.70	31.78

802.11g_Nss1,(6Mbps)_2TX

27/05/2021

2412MHz_TX



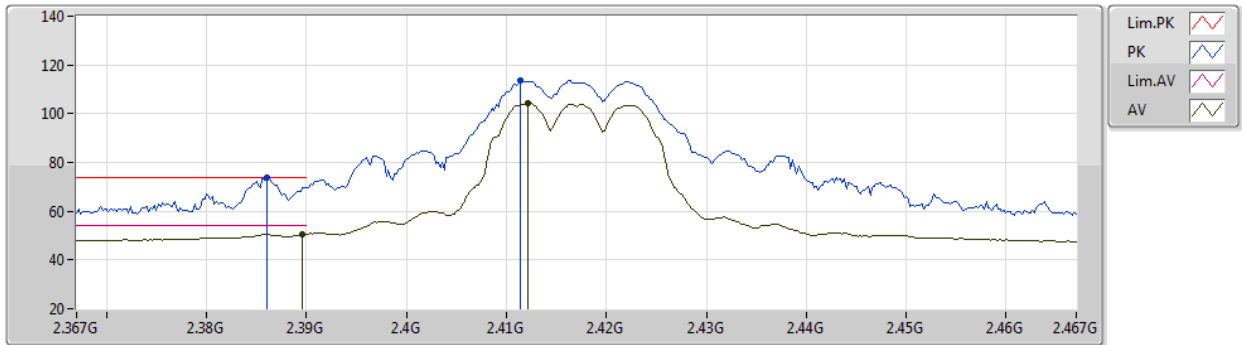
EUT_Z_2TX
Setting 68
02-B-N-2

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	4.8138G	44.38	74.00	-29.62	38.69	3	Horizontal	116	1.80	-	32.76	4.70	31.77
AV	4.82484G	31.18	54.00	-22.82	25.46	3	Horizontal	116	1.80	-	32.80	4.70	31.78

802.11g_Nss1,(6Mbps)_2TX

27/05/2021

2417MHz_TX



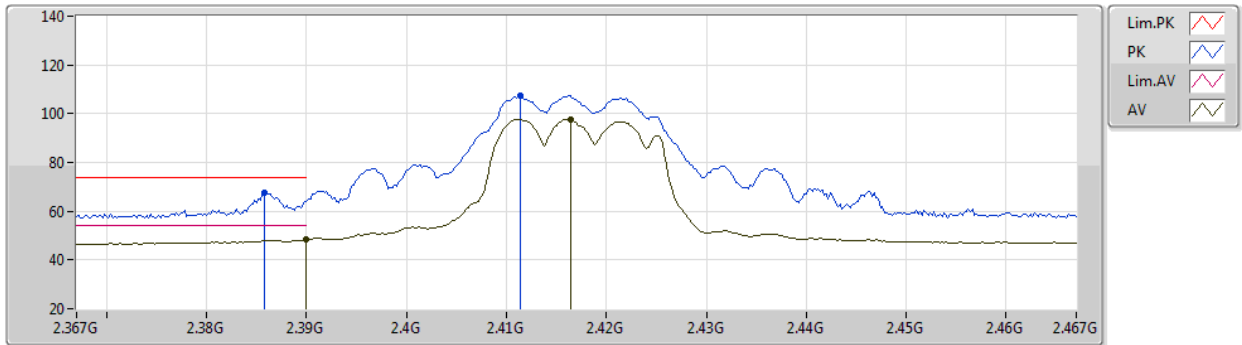
EUT_Z_2TX
Setting 73
02-B-R-5

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	2.386G	73.82	74.00	-0.18	43.04	3	Vertical	286	2.48	-	28.37	2.41	-
AV	2.3896G	50.46	54.00	-3.54	19.67	3	Vertical	286	2.48	-	28.38	2.41	-
PK	2.4114G	113.56	Inf	-Inf	82.75	3	Vertical	286	2.48	-	28.40	2.41	-
AV	2.4122G	104.35	Inf	-Inf	73.54	3	Vertical	286	2.48	-	28.40	2.41	-

802.11g_Nss1,(6Mbps)_2TX

27/05/2021

2417MHz_TX



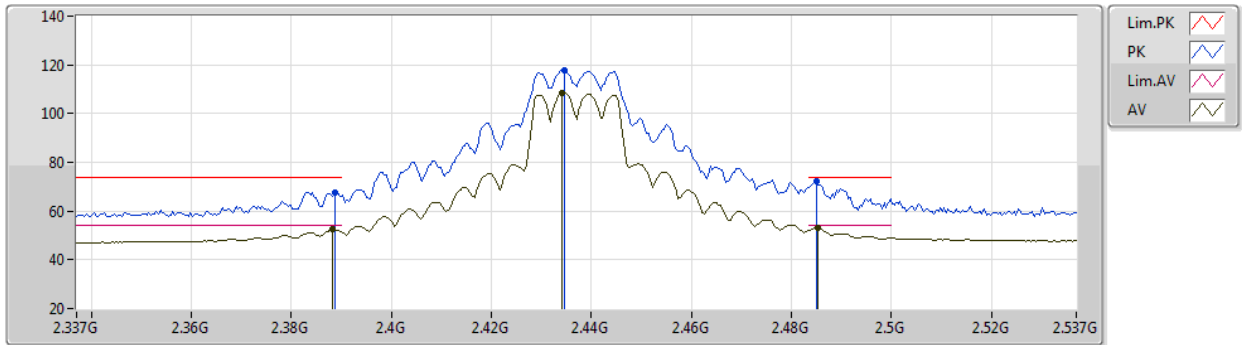
EUT_Z_2TX
Setting 73
02-B-R-5

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	2.3858G	67.74	74.00	-6.26	36.96	3	Horizontal	303	3.00	-	28.37	2.41	-
AV	2.39G	48.26	54.00	-5.74	17.47	3	Horizontal	303	3.00	-	28.38	2.41	-
PK	2.4114G	107.32	Inf	-Inf	76.51	3	Horizontal	303	3.00	-	28.40	2.41	-
AV	2.4164G	97.81	Inf	-Inf	67.00	3	Horizontal	303	3.00	-	28.40	2.41	-

802.11g_Nss1,(6Mbps)_2TX

27/05/2021

2437MHz_TX



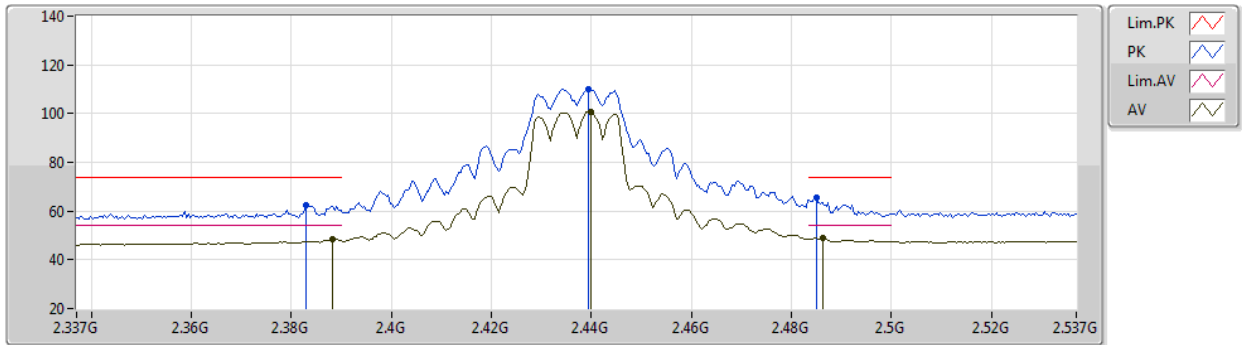
EUT Z_2TX
Setting 86
02-B-R-5

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	67.84	74.00	-6.16	37.05	3	Vertical	284	2.44	-	28.38	2.41	-
AV	2.3882G	52.68	54.00	-1.32	21.89	3	Vertical	284	2.44	-	28.38	2.41	-
PK	2.4346G	117.80	Inf	-Inf	86.98	3	Vertical	284	2.44	-	28.40	2.42	-
AV	2.4342G	108.47	Inf	-Inf	77.65	3	Vertical	284	2.44	-	28.40	2.42	-
PK	2.485G	72.39	74.00	-1.61	41.41	3	Vertical	284	2.44	-	28.54	2.44	-
AV	2.4854G	53.04	54.00	-0.96	22.06	3	Vertical	284	2.44	-	28.54	2.44	-

802.11g_Nss1,(6Mbps)_2TX

27/05/2021

2437MHz_TX



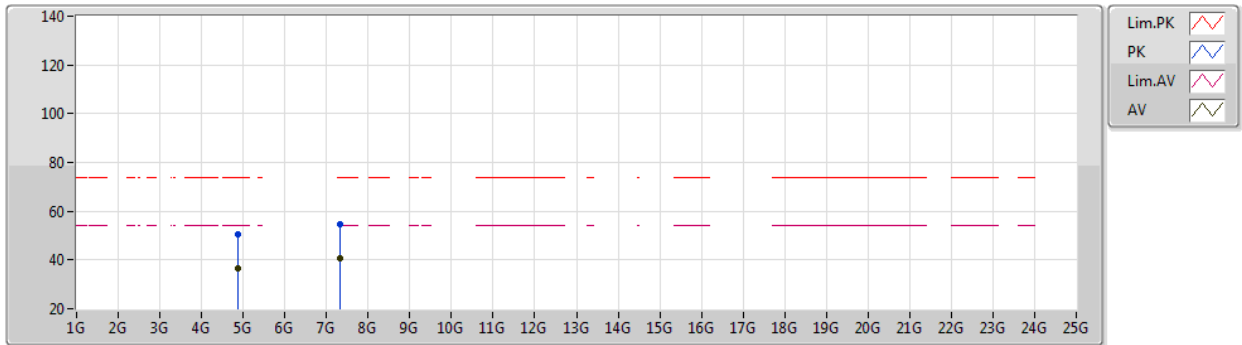
EUT Z_2TX
Setting 86
02-B-R-5

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	2.383G	62.25	74.00	-11.75	31.47	3	Horizontal	349	1.23	-	28.37	2.41	-
AV	2.3882G	48.46	54.00	-5.54	17.67	3	Horizontal	349	1.23	-	28.38	2.41	-
PK	2.4394G	110.12	Inf	-Inf	79.30	3	Horizontal	349	1.23	-	28.40	2.42	-
AV	2.4398G	100.69	Inf	-Inf	69.87	3	Horizontal	349	1.23	-	28.40	2.42	-
PK	2.485G	65.61	74.00	-8.39	34.63	3	Horizontal	349	1.23	-	28.54	2.44	-
AV	2.4862G	48.78	54.00	-5.22	17.80	3	Horizontal	349	1.23	-	28.54	2.44	-

802.11g_Nss1,(6Mbps)_2TX

27/05/2021

2437MHz_TX



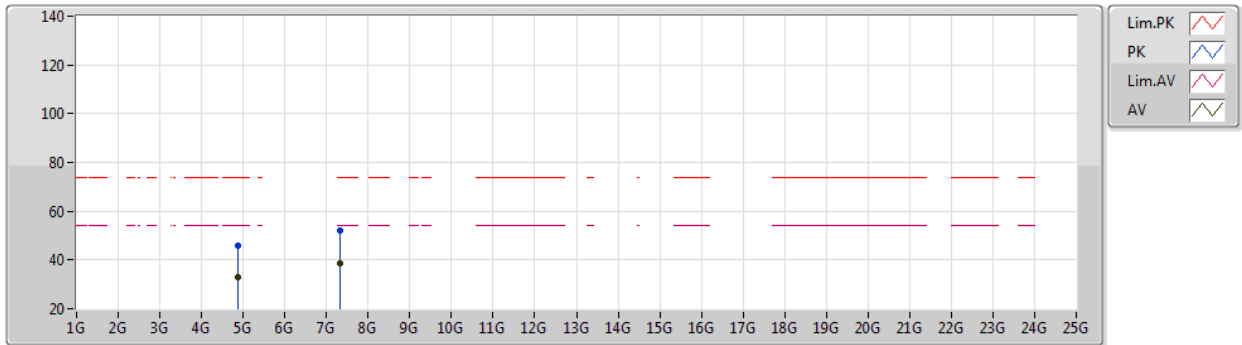
EUT_Z_2TX
Setting 86
02-B-N-2

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	50.36	74.00	-23.64	44.50	3	Vertical	318	2.36	-	32.95	4.70	31.79
AV	4.87454G	36.54	54.00	-17.46	30.68	3	Vertical	318	2.36	-	32.95	4.70	31.79
PK	7.3104G	54.77	74.00	-19.23	45.01	3	Vertical	350	2.20	-	36.42	5.76	32.42
AV	7.311G	40.87	54.00	-13.13	31.11	3	Vertical	350	2.20	-	36.42	5.76	32.42

802.11g_Nss1,(6Mbps)_2TX

27/05/2021

2437MHz_TX



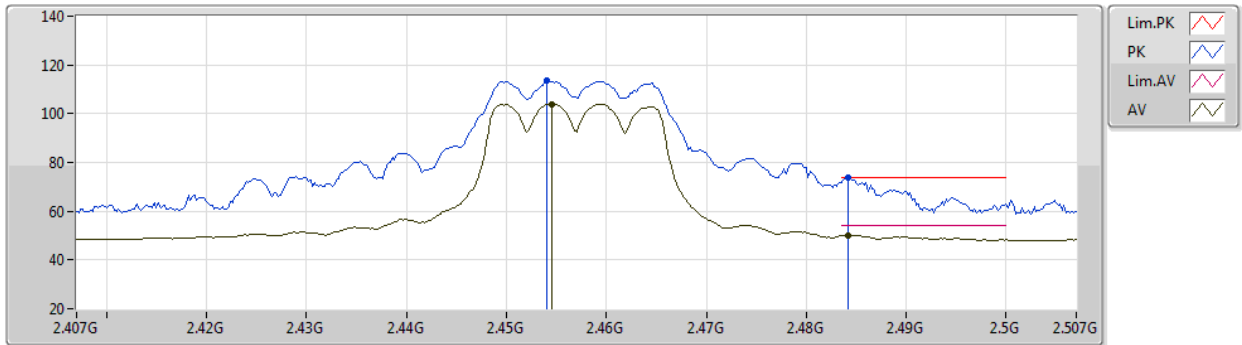
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Setting 86
02-B-N-2

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	4.86944G	45.99	74.00	-28.01	40.14	3	Horizontal	327	1.14	-	32.94	4.70	31.79
AV	4.87484G	32.80	54.00	-21.20	26.94	3	Horizontal	327	1.14	-	32.95	4.70	31.79
PK	7.32336G	51.92	74.00	-22.08	42.14	3	Horizontal	118	2.17	-	36.45	5.76	32.43
AV	7.31298G	38.67	54.00	-15.33	28.91	3	Horizontal	118	2.17	-	36.43	5.76	32.43

802.11g_Nss1,(6Mbps)_2TX

27/05/2021

2457MHz_TX



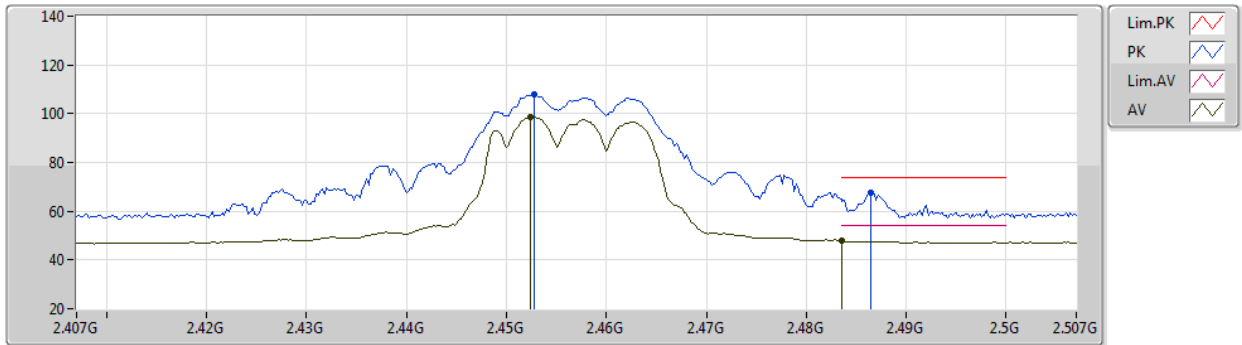
EUT Z_2TX
Setting 72
02-B-R-5

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	2.454G	113.38	Inf	-Inf	82.53	3	Vertical	281	3.00	-	28.42	2.43	-
AV	2.4546G	104.04	Inf	-Inf	73.19	3	Vertical	281	3.00	-	28.42	2.43	-
PK	2.4842G	73.65	74.00	-0.35	42.67	3	Vertical	281	3.00	-	28.54	2.44	-
AV	2.4842G	50.23	54.00	-3.77	19.25	3	Vertical	281	3.00	-	28.54	2.44	-

802.11g_Nss1,(6Mbps)_2TX

27/05/2021

2457MHz_TX



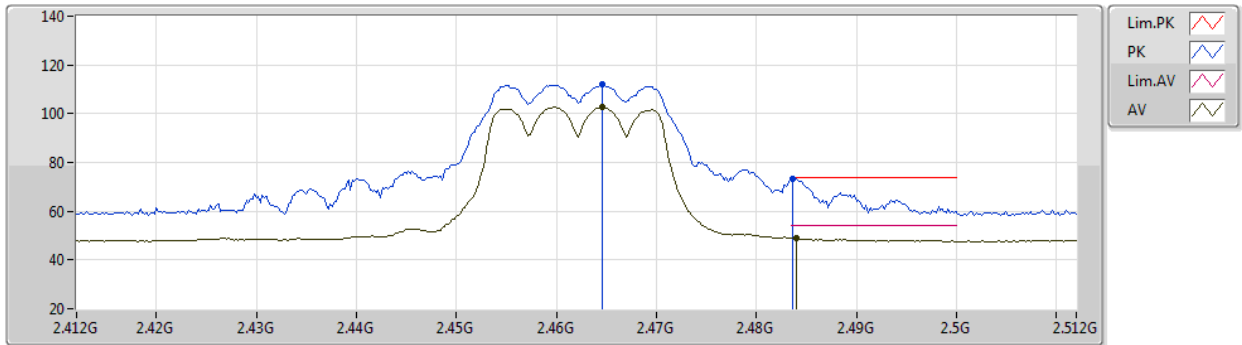
EUT_Z_2TX
Setting 72
02-B-R-5

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	2.4528G	107.88	Inf	-Inf	77.04	3	Horizontal	335	2.95	-	28.41	2.43	-
AV	2.4524G	98.72	Inf	-Inf	67.88	3	Horizontal	335	2.95	-	28.41	2.43	-
PK	2.4864G	67.69	74.00	-6.31	36.70	3	Horizontal	335	2.95	-	28.55	2.44	-
AV	2.4835G	47.98	54.00	-6.02	17.01	3	Horizontal	335	2.95	-	28.53	2.44	-

802.11g_Nss1,(6Mbps)_2TX

27/05/2021

2462MHz_TX



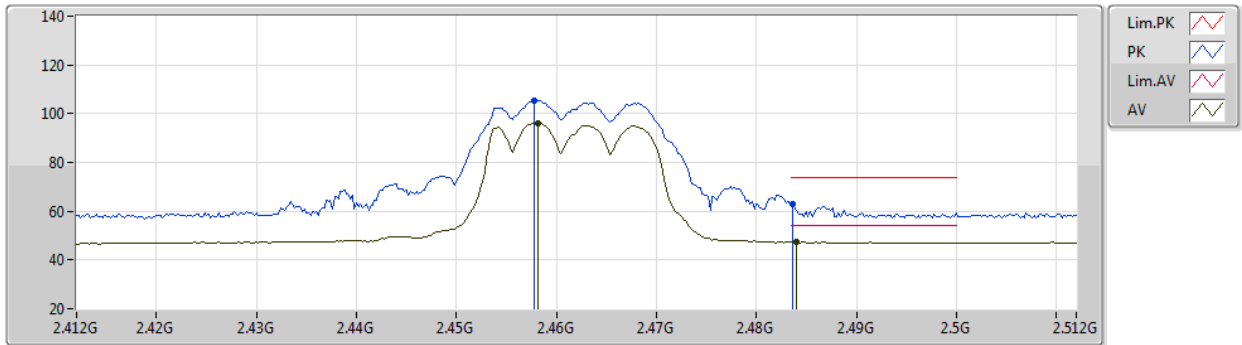
EUT_Z_2TX
Setting 65
02-B-R-5

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	2.4646G	111.85	Inf	-Inf	80.96	3	Vertical	286	2.69	-	28.46	2.43	-
AV	2.4646G	102.65	Inf	-Inf	71.76	3	Vertical	286	2.69	-	28.46	2.43	-
PK	2.4836G	73.40	74.00	-0.60	42.43	3	Vertical	286	2.69	-	28.53	2.44	-
AV	2.484G	49.16	54.00	-4.84	18.18	3	Vertical	286	2.69	-	28.54	2.44	-

802.11g_Nss1,(6Mbps)_2TX

27/05/2021

2462MHz_TX



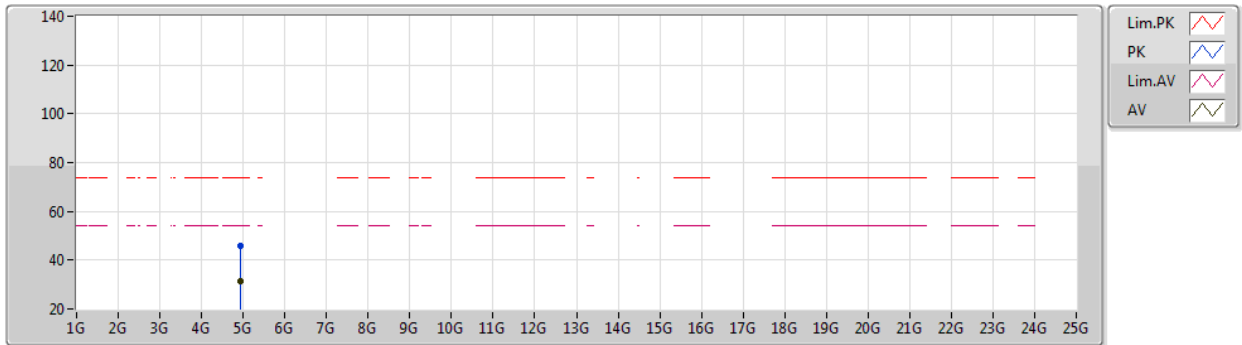
EUT Z_2TX
Setting 65
02-B-R-5

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	2.4578G	105.33	Inf	-Inf	74.47	3	Horizontal	338	2.95	-	28.43	2.43	-
AV	2.4582G	96.06	Inf	-Inf	65.20	3	Horizontal	338	2.95	-	28.43	2.43	-
PK	2.4836G	62.98	74.00	-11.02	32.01	3	Horizontal	338	2.95	-	28.53	2.44	-
AV	2.484G	47.25	54.00	-6.75	16.27	3	Horizontal	338	2.95	-	28.54	2.44	-

802.11g_Nss1,(6Mbps)_2TX

27/05/2021

2462MHz_TX



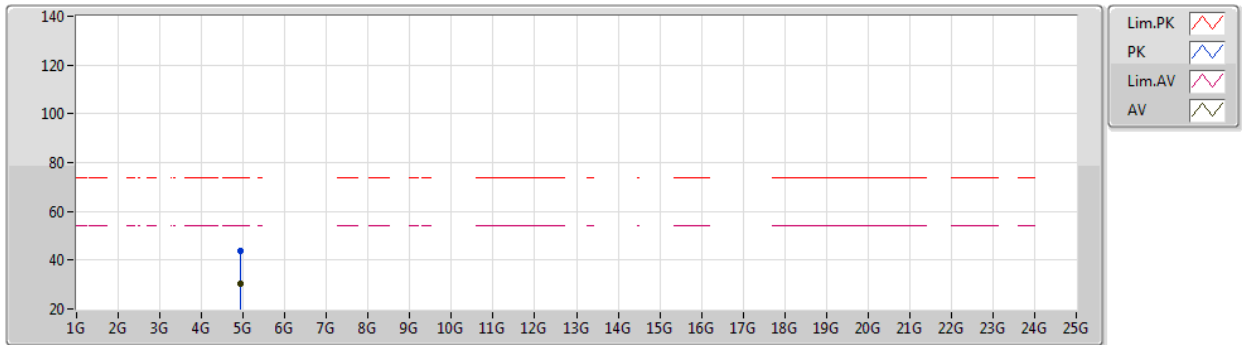
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Setting 65
02-B-N-2

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	4.9243G	45.68	74.00	-28.32	39.64	3	Vertical	318	2.58	-	33.15	4.70	31.81
AV	4.92496G	31.35	54.00	-22.65	25.31	3	Vertical	318	2.58	-	33.15	4.70	31.81

802.11g_Nss1,(6Mbps)_2TX

27/05/2021

2462MHz_TX



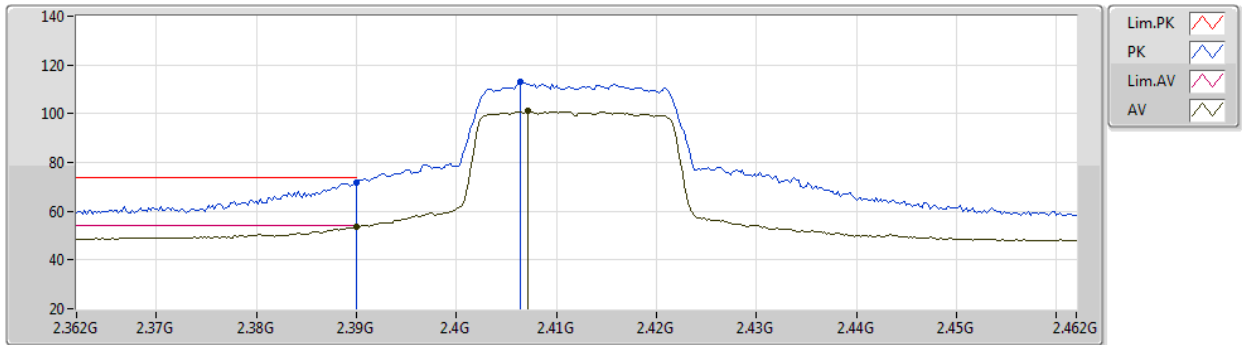
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Setting 65
02-B-N-2

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	4.93816G	43.91	74.00	-30.09	37.80	3	Horizontal	58	1.80	-	33.23	4.70	31.82
AV	4.93036G	30.35	54.00	-23.65	24.28	3	Horizontal	58	1.80	-	33.18	4.70	31.81

802.11ax HEW20_Nss2,(MCS0)_2TX

27/05/2021

2412MHz_TX



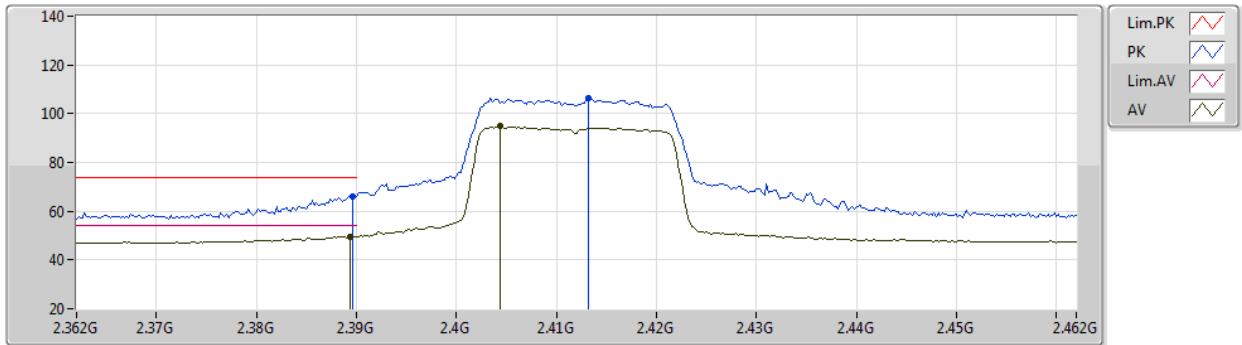
EUT Z_2TX
Setting 68
02-B-R-5

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	71.50	74.00	-2.50	40.72	3	Vertical	288	2.77	-	28.38	2.40	-
AV	2.39G	53.76	54.00	-0.24	22.98	3	Vertical	288	2.77	-	28.38	2.40	-
PK	2.4064G	113.06	Inf	-Inf	82.26	3	Vertical	288	2.77	-	28.40	2.40	-
AV	2.4072G	101.07	Inf	-Inf	70.27	3	Vertical	288	2.77	-	28.40	2.40	-

802.11ax HEW20_Nss2,(MCS0)_2TX

27/05/2021

2412MHz_TX



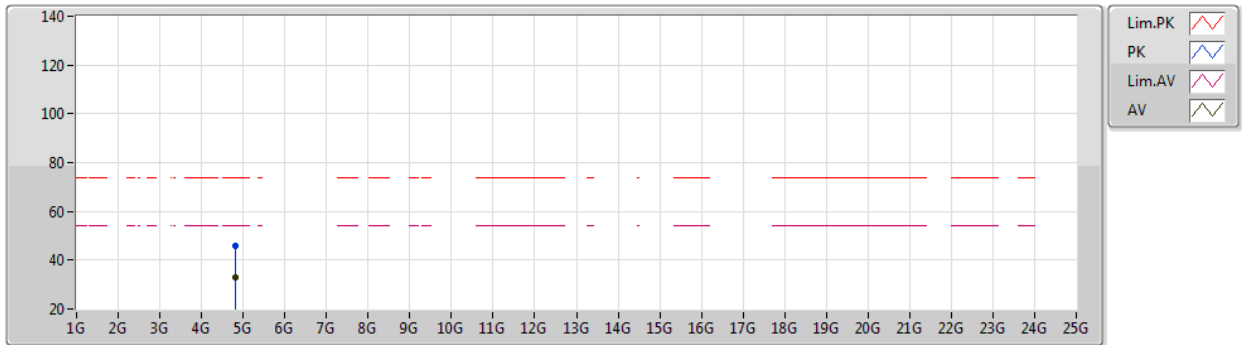
EUT Z_2TX
Setting 68
02-B-R-5

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	66.22	74.00	-7.78	35.43	3	Horizontal	297	3.00	-	28.38	2.41	-
AV	2.3894G	49.66	54.00	-4.34	18.87	3	Horizontal	297	3.00	-	28.38	2.41	-
PK	2.4132G	106.42	Inf	-Inf	75.61	3	Horizontal	297	3.00	-	28.40	2.41	-
AV	2.4044G	94.89	Inf	-Inf	64.09	3	Horizontal	297	3.00	-	28.40	2.40	-

802.11ax HEW20_Nss2,(MCS0)_2TX

27/05/2021

2412MHz_TX



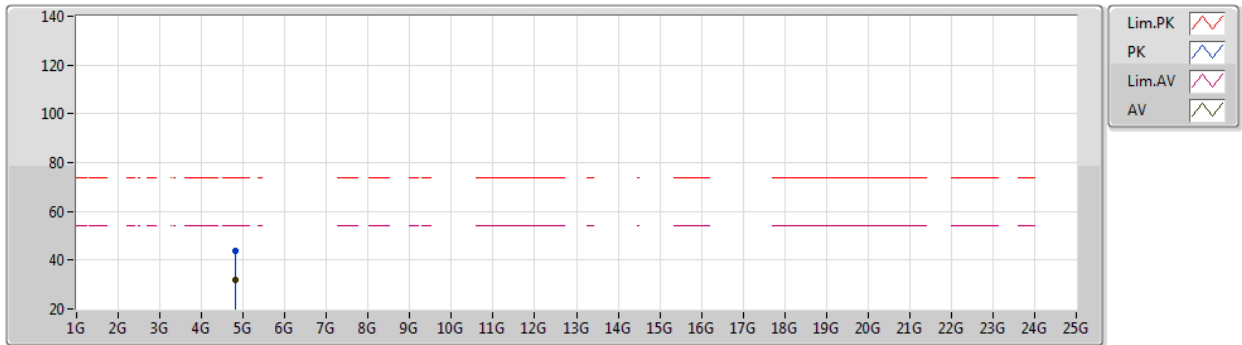
EUT_Z_2TX
Setting 68
02-B-N-2

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	4.81962G	45.85	74.00	-28.15	40.15	3	Vertical	77	2.49	-	32.78	4.70	31.78
AV	4.82202G	32.91	54.00	-21.09	27.20	3	Vertical	77	2.49	-	32.79	4.70	31.78

802.11ax HEW20_Nss2,(MCS0)_2TX

27/05/2021

2412MHz_TX



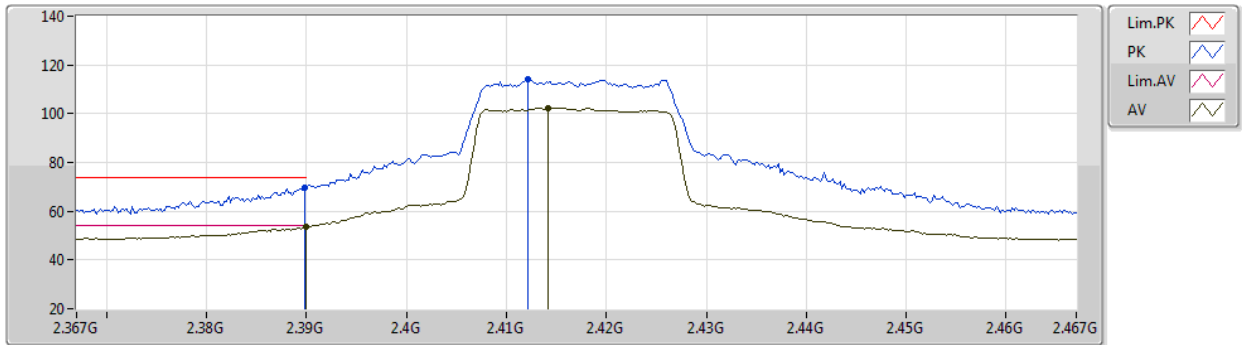
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Setting 68
02-B-N-2

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	4.82346G	44.04	74.00	-29.96	38.33	3	Horizontal	314	1.00	-	32.79	4.70	31.78
AV	4.82406G	31.86	54.00	-22.14	26.14	3	Horizontal	314	1.00	-	32.80	4.70	31.78

802.11ax HEW20_Nss2,(MCS0)_2TX

27/05/2021

2417MHz_TX



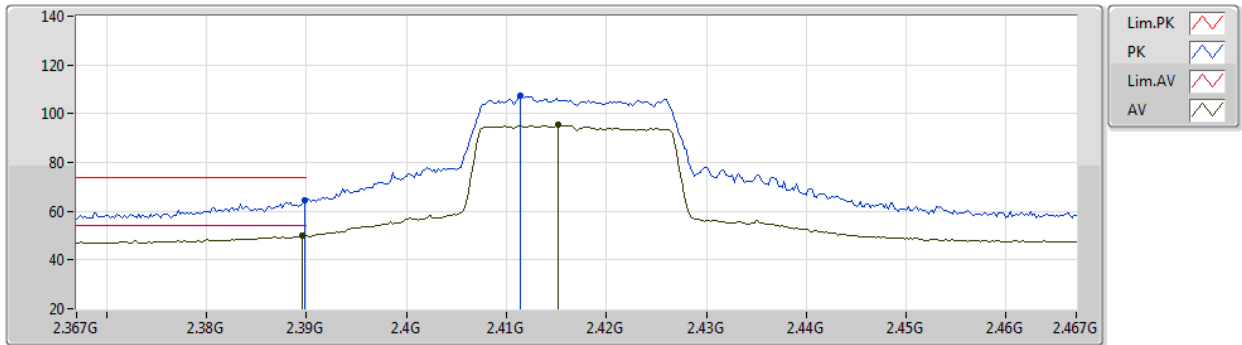
EUT Z_2TX
Setting 73
02-B-R-5

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	69.59	74.00	-4.41	38.80	3	Vertical	278	2.48	-	28.38	2.41	-
AV	2.39G	53.70	54.00	-0.30	22.91	3	Vertical	278	2.48	-	28.38	2.41	-
PK	2.4122G	114.06	Inf	-Inf	83.25	3	Vertical	278	2.48	-	28.40	2.41	-
AV	2.4142G	102.50	Inf	-Inf	71.69	3	Vertical	278	2.48	-	28.40	2.41	-

802.11ax HEW20_Nss2,(MCS0)_2TX

27/05/2021

2417MHz_TX



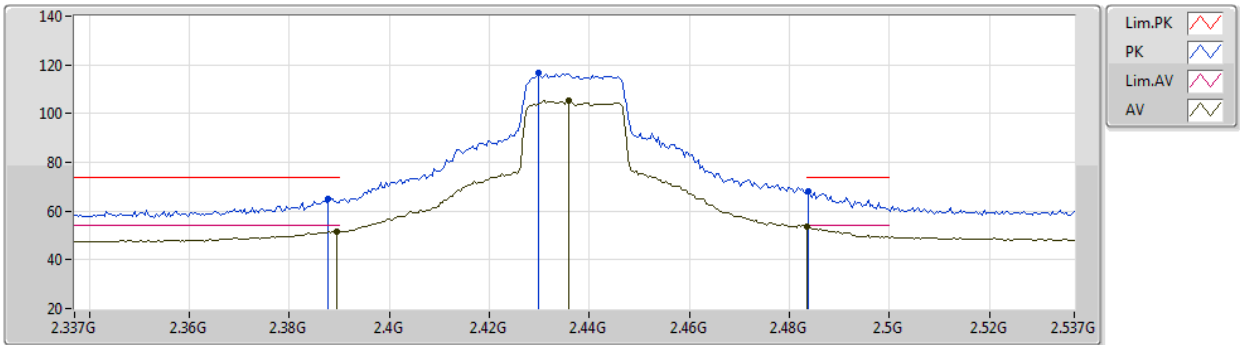
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Setting 73
02-B-R-5

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	64.52	74.00	-9.48	33.73	3	Horizontal	297	2.99	-	28.38	2.41	-
AV	2.3896G	49.88	54.00	-4.12	19.09	3	Horizontal	297	2.99	-	28.38	2.41	-
PK	2.4114G	107.16	Inf	-Inf	76.35	3	Horizontal	297	2.99	-	28.40	2.41	-
AV	2.4152G	95.35	Inf	-Inf	64.54	3	Horizontal	297	2.99	-	28.40	2.41	-

802.11ax HEW20_Nss2,(MCS0)_2TX

27/05/2021

2437MHz_TX



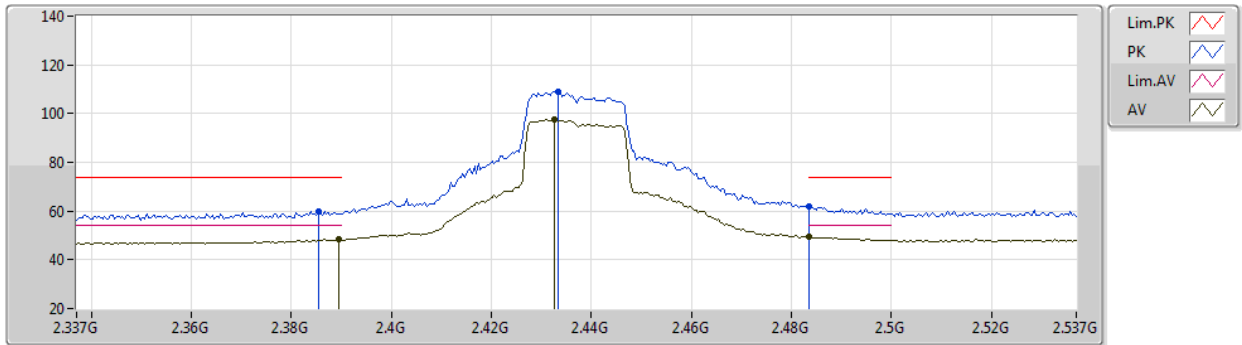
EUT Z_2TX
Setting 83
02-B-R-5

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	2.3878G	64.98	74.00	-9.02	34.19	3	Vertical	285	2.43	-	28.38	2.41	-
AV	2.3894G	51.81	54.00	-2.19	21.02	3	Vertical	285	2.43	-	28.38	2.41	-
PK	2.4298G	116.47	Inf	-Inf	85.66	3	Vertical	285	2.43	-	28.40	2.41	-
AV	2.4358G	105.25	Inf	-Inf	74.43	3	Vertical	285	2.43	-	28.40	2.42	-
PK	2.4838G	67.94	74.00	-6.06	36.96	3	Vertical	285	2.43	-	28.54	2.44	-
AV	2.4835G	53.66	54.00	-0.34	22.69	3	Vertical	285	2.43	-	28.53	2.44	-

802.11ax HEW20_Nss2,(MCS0)_2TX

27/05/2021

2437MHz_TX



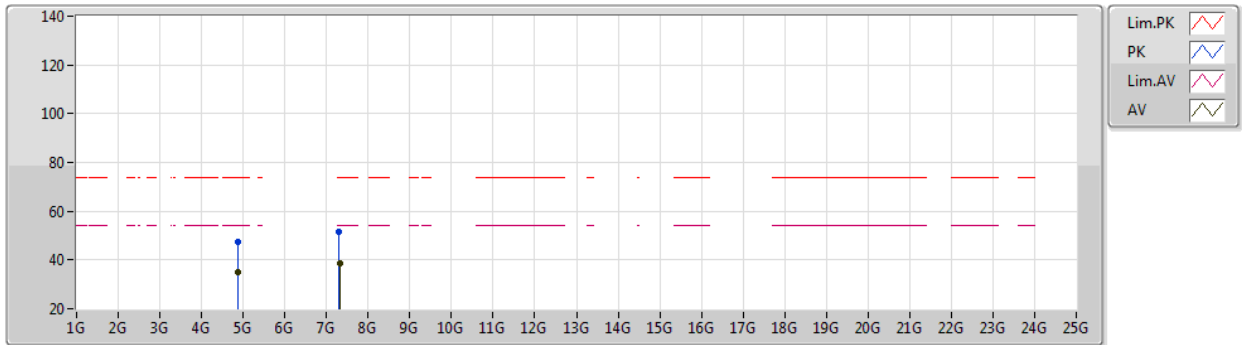
EUT Z_2TX
Setting 83
02-B-R-5

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	2.3854G	59.99	74.00	-14.01	29.21	3	Horizontal	352	1.36	-	28.37	2.41	-
AV	2.3894G	48.37	54.00	-5.63	17.58	3	Horizontal	352	1.36	-	28.38	2.41	-
PK	2.4334G	109.22	Inf	-Inf	78.40	3	Horizontal	352	1.36	-	28.40	2.42	-
AV	2.4326G	97.71	Inf	-Inf	66.89	3	Horizontal	352	1.36	-	28.40	2.42	-
PK	2.4835G	61.83	74.00	-12.17	30.86	3	Horizontal	352	1.36	-	28.53	2.44	-
AV	2.4835G	49.67	54.00	-4.33	18.70	3	Horizontal	352	1.36	-	28.53	2.44	-

802.11ax HEW20_Nss2,(MCS0)_2TX

27/05/2021

2437MHz_TX



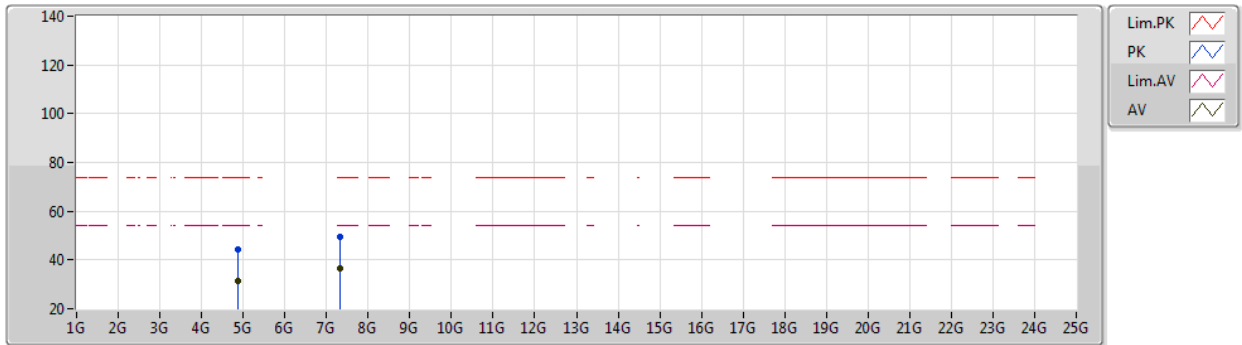
EUT_Z_2TX
Setting 83
02-B-N-2

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	47.43	74.00	-26.57	41.57	3	Vertical	141	2.47	-	32.95	4.70	31.79
AV	4.87418G	34.94	54.00	-19.06	29.08	3	Vertical	141	2.47	-	32.95	4.70	31.79
PK	7.30914G	51.68	74.00	-22.32	41.93	3	Vertical	226	2.50	-	36.42	5.75	32.42
AV	7.31298G	38.41	54.00	-15.59	28.65	3	Vertical	226	2.50	-	36.43	5.76	32.43

802.11ax HEW20_Nss2,(MCS0)_2TX

27/05/2021

2437MHz_TX



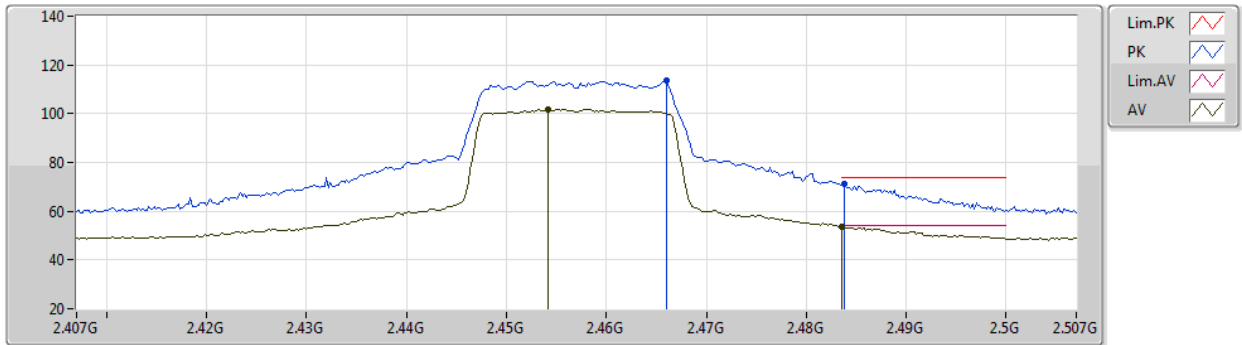
EUT_Z_2TX
Setting 83
02-B-N-2

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	4.87454G	44.39	74.00	-29.61	38.53	3	Horizontal	309	1.80	-	32.95	4.70	31.79
AV	4.8716G	31.58	54.00	-22.42	25.73	3	Horizontal	309	1.80	-	32.94	4.70	31.79
PK	7.31832G	49.68	74.00	-24.32	39.91	3	Horizontal	356	1.75	-	36.44	5.76	32.43
AV	7.32138G	36.81	54.00	-17.19	27.04	3	Horizontal	356	1.75	-	36.44	5.76	32.43

802.11ax HEW20_Nss2,(MCS0)_2TX

27/05/2021

2457MHz_TX



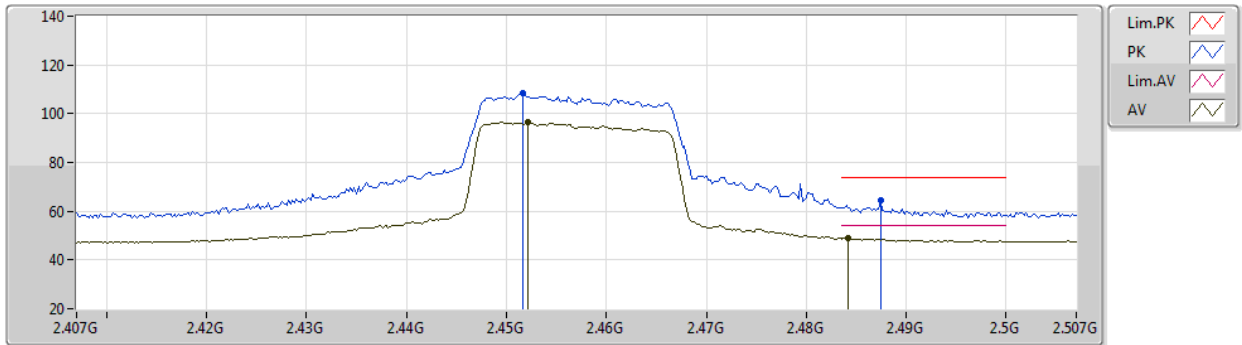
EUT Z_2TX
Setting 71
02-B-R-5

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	2.466G	113.43	Inf	-Inf	82.54	3	Vertical	277	2.66	-	28.46	2.43	-
AV	2.4542G	101.95	Inf	-Inf	71.10	3	Vertical	277	2.66	-	28.42	2.43	-
PK	2.4838G	71.26	74.00	-2.74	40.28	3	Vertical	277	2.66	-	28.54	2.44	-
AV	2.4836G	53.76	54.00	-0.24	22.79	3	Vertical	277	2.66	-	28.53	2.44	-

802.11ax HEW20_Nss2,(MCS0)_2TX

27/05/2021

2457MHz_TX



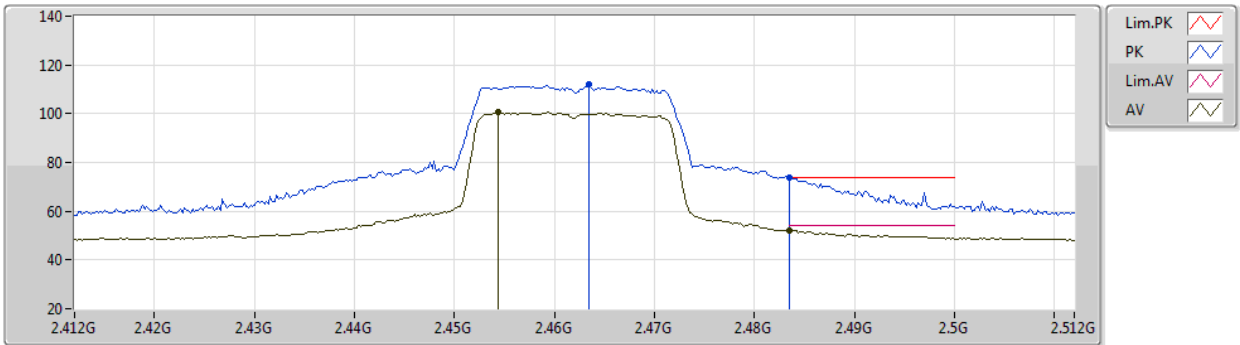
EUT Z_2TX
Setting 71
02-B-R-5

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	2.4516G	108.37	Inf	-Inf	77.53	3	Horizontal	335	2.96	-	28.41	2.43	-
AV	2.4522G	96.43	Inf	-Inf	65.59	3	Horizontal	335	2.96	-	28.41	2.43	-
PK	2.4874G	64.35	74.00	-9.65	33.36	3	Horizontal	335	2.96	-	28.55	2.44	-
AV	2.4842G	48.75	54.00	-5.25	17.77	3	Horizontal	335	2.96	-	28.54	2.44	-

802.11ax HEW20_Nss2,(MCS0)_2TX

27/05/2021

2462MHz_TX



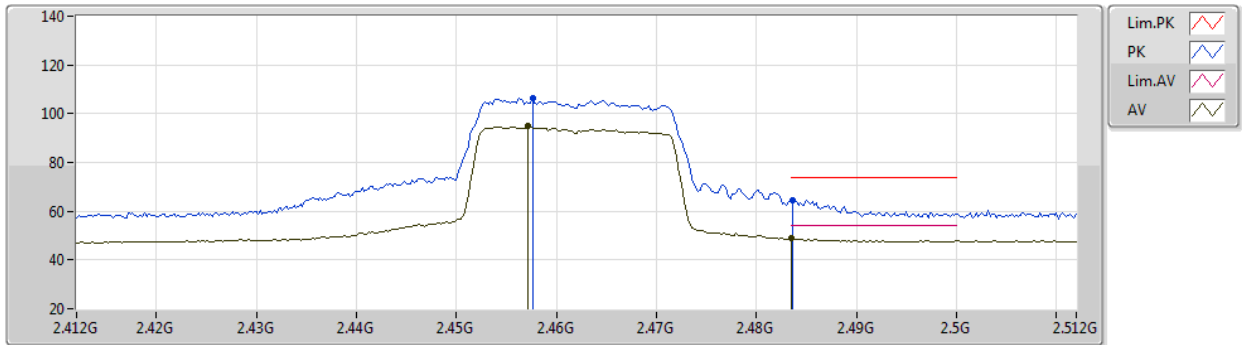
EUT Z_2TX
Setting 67
02-B-R-5

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	2.4634G	112.11	Inf	-Inf	81.23	3	Vertical	276	2.94	-	28.45	2.43	-
AV	2.4544G	100.61	Inf	-Inf	69.76	3	Vertical	276	2.94	-	28.42	2.43	-
PK	2.4835G	73.78	74.00	-0.22	42.81	3	Vertical	276	2.94	-	28.53	2.44	-
AV	2.4835G	52.23	54.00	-1.77	21.26	3	Vertical	276	2.94	-	28.53	2.44	-

802.11ax HEW20_Nss2,(MCS0)_2TX

27/05/2021

2462MHz_TX



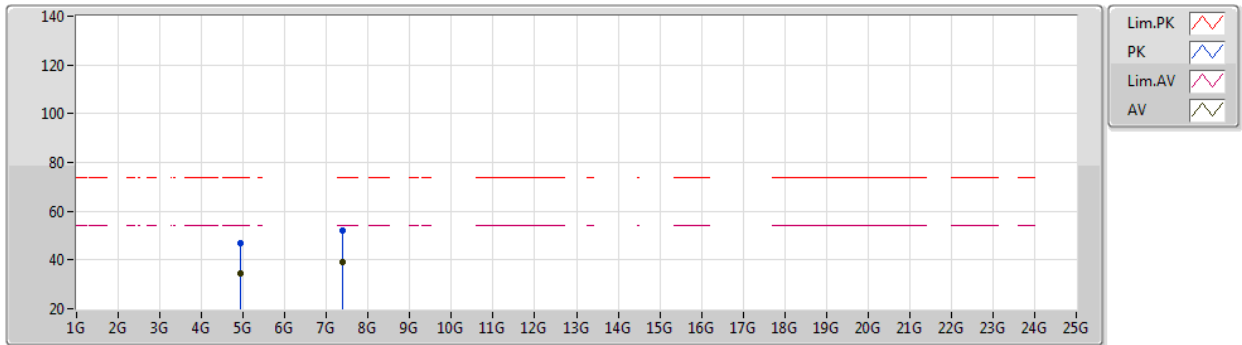
EUT Z_2TX
Setting 67
02-B-R-5

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	2.4576G	106.22	Inf	-Inf	75.36	3	Horizontal	336	2.96	-	28.43	2.43	-
AV	2.4572G	94.84	Inf	-Inf	63.98	3	Horizontal	336	2.96	-	28.43	2.43	-
PK	2.4836G	64.71	74.00	-9.29	33.74	3	Horizontal	336	2.96	-	28.53	2.44	-
AV	2.4835G	48.75	54.00	-5.25	17.78	3	Horizontal	336	2.96	-	28.53	2.44	-

802.11ax HEW20_Nss2,(MCS0)_2TX

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2462MHz_TX



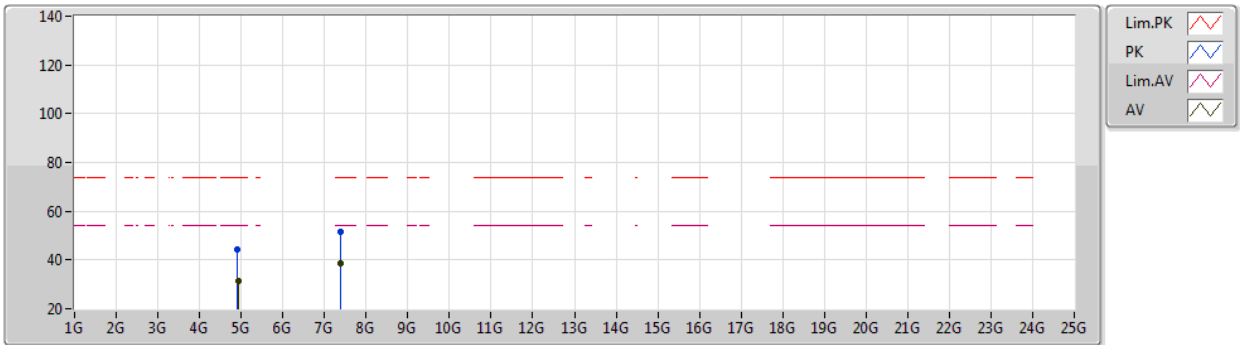
EUT_Z_2TX
Setting 67
02-B-N-2

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	4.92292G	46.88	74.00	-27.12	40.85	3	Vertical	312	2.55	-	33.14	4.70	31.81
AV	4.92412G	34.47	54.00	-19.53	28.44	3	Vertical	312	2.55	-	33.14	4.70	31.81
PK	7.3935G	52.11	74.00	-21.89	42.18	3	Vertical	351	2.09	-	36.59	5.80	32.46
AV	7.38618G	39.12	54.00	-14.88	29.21	3	Vertical	351	2.09	-	36.57	5.79	32.45

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EUT_Z_2TX
Setting 67
02-B-N-2

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	4.9168G	44.43	74.00	-29.57	38.44	3	Horizontal	0	1.80	-	33.10	4.70	31.81
AV	4.92706G	31.50	54.00	-22.50	25.45	3	Horizontal	0	1.80	-	33.16	4.70	31.81
PK	7.386G	51.46	74.00	-22.54	41.55	3	Horizontal	125	2.65	-	36.57	5.79	32.45
AV	7.3869G	38.70	54.00	-15.30	28.79	3	Horizontal	125	2.65	-	36.57	5.79	32.45