



RADIO TEST REPORT

FCC ID : RSL-TQ7403
Equipment : IEEE802.11ax tri-radio 2.4G/5G/6GHz 2x2+2x2+2x2+
Bluetooth® Low Energy and ZigBee wireless AP
Brand Name : Allied Telesis
Model Name : AT-TQ7403
Applicant : Allied Telesis K.K.
2nd. TOC Bldg.7-21-11 Nishi-Gotanda,
Shinagawa-ku Tokyo 141-0031 Japan
Manufacturer : Allied Telesis K.K.
2nd. TOC Bldg.7-21-11 Nishi-Gotanda,
Shinagawa-ku Tokyo 141-0031 Japan
Standard : 47 CFR FCC Part 15.407

The product was received on May 31, 2023, and testing was started from Jul. 25, 2023 and completed on Sep. 11, 2023. 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

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TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_5 Ver1.1



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	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)	PASS	-
3.4	15.407(a)	Peak Power Spectral Density (E.I.R.P.)	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-
3.6	15.407(d)	Contention-Based Protocol	PASS	-

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".

Disclaimer:

1. The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.
2. The test configuration, test mode and test software were written in this test report are declared by the manufacturer.

Reviewed by: Sam Chen

Report Producer: Viola Huang



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5925-7125	ax (HEW20)	5955-7115	1-233 [59]
5925-7125	ax (HEW40)	5965-7085	3-227 [29]
5925-7125	ax (HEW80)	5985-7025	7-215 [14]
5925-7125	ax (HEW160)	6025-6985	15-207 [7]

For Radio 3

Band	Mode	BWch (MHz)	Nant
5.925-6.425GHz	802.11ax HEW20	20	2TX
5.925-6.425GHz	802.11ax HEW20-BF	20	2TX
5.925-6.425GHz	802.11ax HEW40	40	2TX
5.925-6.425GHz	802.11ax HEW40-BF	40	2TX
5.925-6.425GHz	802.11ax HEW80	80	2TX
5.925-6.425GHz	802.11ax HEW80-BF	80	2TX
5.925-6.425GHz	802.11ax HEW160	160	2TX
5.925-6.425GHz	802.11ax HEW160-BF	160	2TX
6.425-6.525GHz	802.11ax HEW20	20	2TX
6.425-6.525GHz	802.11ax HEW20-BF	20	2TX
6.425-6.525GHz	802.11ax HEW40	40	2TX
6.425-6.525GHz	802.11ax HEW40-BF	40	2TX
6.425-6.525GHz	802.11ax HEW80	80	2TX
6.425-6.525GHz	802.11ax HEW80-BF	80	2TX
6.425-6.525GHz	802.11ax HEW160	160	2TX
6.425-6.525GHz	802.11ax HEW160-BF	160	2TX
6.525-6.875GHz	802.11ax HEW20	20	2TX
6.525-6.875GHz	802.11ax HEW20-BF	20	2TX
6.525-6.875GHz	802.11ax HEW40	40	2TX
6.525-6.875GHz	802.11ax HEW40-BF	40	2TX
6.525-6.875GHz	802.11ax HEW80	80	2TX
6.525-6.875GHz	802.11ax HEW80-BF	80	2TX
6.525-6.875GHz	802.11ax HEW160	160	2TX
6.525-6.875GHz	802.11ax HEW160-BF	160	2TX
6.875-7.125GHz	802.11ax HEW20	20	2TX
6.875-7.125GHz	802.11ax HEW20-BF	20	2TX
6.875-7.125GHz	802.11ax HEW40	40	2TX



Band	Mode	BWch (MHz)	Nant
6.875-7.125GHz	802.11ax HEW40-BF	40	2TX
6.875-7.125GHz	802.11ax HEW80	80	2TX
6.875-7.125GHz	802.11ax HEW80-BF	80	2TX
6.875-7.125GHz	802.11ax HEW160	160	2TX
6.875-7.125GHz	802.11ax HEW160-BF	160	2TX

Note:

- ♦ HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ BWch is the nominal channel bandwidth.


1.1.2 Antenna Information

Set	Ant.	2.4GHz Port	5GHz Port	Brand	Model Name	Antenna Type	Connector	Remark	Gain (dBi)
1	1	2	2	WNC	08.22430.001	Dipole	RP-SMA PLUG	External	Note 1
	2	1	1	WNC	08.22430.001	Dipole	RP-SMA PLUG	External	
2	1	2	2	Angeei	EXD24140D01	Patch	N-Type	External	
	2	1	1	Angeei	EXD24140D01	Patch	N-Type	External	

Ant.	6GHz Port	Bluetooth / Zigbee	Brand	Model Name	Antenna Type	Connector	Remark	Gain (dBi)
3	2	1	WNC	95XEAK15.GAU	PIFA	I-PEX	Internal	Note 1
4	1	-	WNC	95XEAK15.GAT	PIFA	I-PEX	Internal	

Note1:

Antenna set 1:

Set	Ant.	2.4GHz Port	5GHz Port	Radio 1 (2.4GHz) and Radio 2 (5GHz)				
				Antenna Gain (dBi)				
				WLAN 2.4GHz	WLAN 5GHz			
1	1	2	2	2.83	UNII 1	UNII 2A	UNII 2C	UNII 3
	2	1	1	2.51	2.20	3.16	2.80	3.72
					2.88	3.85	3.56	3.85

Antenna set 2 with 2M antenna cable:

Set	Ant.	2.4GHz Port	Radio 1 (2.4GHz)				
			Antenna Gain (dBi)	Cable Loss of 2M N-type (dB)	Loss of SMA Connector (dB)	Cable loss of Internal EUT (dB)	Net Gain (dBi)
2	1	2	13	0.75	0.07	0.95	11.23
	2	1	13	0.75	0.07	0.68	11.50

Set	Ant.	5GHz Port	Radio 2 (5GHz)										
			Antenna Gain (dBi)	Cable Loss of 2M N-type (dB)	Loss of SMA Connector (dB)	Cable loss of Internal EUT (dB)				Net Gain (dBi)			
						UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 1	UNII 2A	UNII 2C	UNII 3
2	1	2	16	1.23	0.12	1.48	1.49	1.56	1.58	13.17	13.16	13.09	13.07
	2	1	16	1.23	0.12	1.10	1.17	1.34	1.23	13.55	13.48	13.31	13.42



Antenna set 2 with 2M and 10M antenna cable:

Set	Ant.	2.4GHz Port	Radio 1 (2.4GHz)					
			Antenna Gain (dBi)	Cable Loss of 2M N-type (dB)	Cable Loss of 10M N-type (dB)	Loss of SMA Connector (dB)	Cable loss of Internal EUT (dB)	Net Gain (dBi)
2	1	2	13	0.75	3.77	0.07	0.95	7.46
	2	1	13	0.75	3.77	0.07	0.68	7.73

Set	Ant.	5GHz Port	Radio 2 (5GHz)											
			Antenna Gain (dBi)	Cable Loss of 2M N-type (dB)	Cable Loss of 10M N-type (dB)	Loss of SMA Connector (dB)	Cable loss of Internal EUT (dB)				Net Gain (dBi)			
							UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 1	UNII 2A	UNII 2C	UNII 3
2	1	2	16	1.23	6.16	0.12	1.48	1.49	1.56	1.58	7.01	7.00	6.93	6.91
	2	1	16	1.23	6.16	0.12	1.10	1.17	1.34	1.23	7.39	7.32	7.15	7.26

Antenna 3 and 4:

Ant.	6GHz Port	Bluetooth / Zigbee	Radio 3 (6GHz) and Radio 4 (Bluetooth / Zigbee)				
			Antenna Gain (dBi)				
			UNII 5	UNII 6	UNII 7	UNII 8	Bluetooth / Zigbee
3	2	1	5.93	5.98	5.98	5.58	2.62
4	1	-	5.93	5.99	5.99	5.98	-

Note2: The above information was declared by manufacturer.

Note3: For antenna set 2: The gain of antenna set 2 with 2M antenna cable was higher than antenna set 2 with 10M antenna cable, thus antenna set 2 with 2M antenna cable was selected to test.

Note4: The EUT has two antenna sets for radio 1 and radio 2.

Note5: The DFS band isn't enabled at this time.

Note6: Directional gain information

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

Ex.

Directional Gain (NSS1) formula :

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

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

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

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

Where ;

For Antenna set 1

2.4G G1= 2.83 dBi ; G2= 2.51 dBi ;DG= 5.68dBi

5G UNII-1 G1= 2.2 dBi ; G2= 2.88 dBi ;DG= 5.56dBi

5G UNII-2A G1= 3.16 dBi ; G2= 3.85 dBi ;DG= 6.52dBi

5G UNII-2C G1= 2.8 dBi ; G2= 3.56 dBi ;DG= 6.2dBi

5G UNII-3 G1= 3.72 dBi ; G2= 3.85 dBi ;DG= 6.8dBi

For Antenna set 2 (Cross-Polarized Antenna)

2.4G G1= 11.23 dBi ; G2= 11.5 dBi ;DG= 11.5dBi

5G UNII-1 G1= 13.17 dBi ; G2= 13.55 dBi ;DG= 13.55dBi

5G UNII-2A G1= 13.16 dBi ; G2= 13.48 dBi ;DG= 13.48dBi

5G UNII-2C G1= 13.09 dBi ; G2= 13.31 dBi ;DG= 13.31dBi

5G UNII-3 G1= 13.07 dBi ; G2= 13.42 dBi ;DG= 13.42dBi

For Antenna 3 and Antenna 4

6G UNII-4 G1= 5.93 dBi ; G2= 5.93 dBi ;DG= 8.94dBi

6G UNII-5 G1= 5.98 dBi ; G2= 5.99 dBi ;DG= 9dBi

6G UNII-6 G1= 5.98 dBi ; G2= 5.99 dBi ;DG= 9dBi

6G UNII-7 G1= 5.58 dBi ; G2= 5.98 dBi ;DG= 8.79dBi

<For Radio 1 (2.4GHz Functions) and Radio 2 (5GHz Functions)>

For 2TX/2RX:

Port 1 and Port 2 can be use as transmitting/receiving antenna

Port 1 and Port 2 could receive simultaneously.

<For Radio 3 / 6GHz Functions>

For 2TX/2RX:

Port 1 and Port 2 can be use as transmitting/receiving antenna

Port 1 and Port 2 could receive simultaneously.

<For Radio 4 / Bluetooth / Zigbee Functions>

For 1TX/1RX:

Only Port 1 can be use as transmitting/receiving antenna.

1.1.3 Table for Antennae Set 2 Configuration

Set	Configuration	Ant. of EUT	Radio 1 (2.4GHz) and Radio 2 (5GHz)			
			Antenna port of antenna set 2			
2	1	1	1	-	-	-
		2	2	-	-	-
	2	1	-	4	-	-
		2	-	3	-	-
	3	1	-	-	3	-
		2	-	-	4	-
	4	1	-	-	-	2
		2	-	-	-	1

1.1.4 Mode Test Duty Cycle

For Radio 3

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ax HEW20_Nss 1,(M0)	0.797	0.99	5.446m	300
802.11ax HEW40_Nss 1,(M0)	0.795	1	5.446m	300
802.11ax HEW80_Nss 1,(M0)	0.794	1	5.446m	300
802.11ax HEW160_Nss 1,(M0)	0.794	1	5.445m	300
802.11ax HEW20-BF_Nss 1,(M0)	0.797	0.99	5.446m	300
802.11ax HEW40-BF_Nss 1,(M0)	0.795	1	5.446m	300
802.11ax HEW80-BF_Nss 1,(M0)	0.794	1	5.446m	300
802.11ax HEW160-BF_Nss 1,(M0)	0.794	1	5.446m	300

Note:

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

**1.1.5 EUT Operational Condition**

EUT Power Type	From Power Adapter or PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for 11n/VHT/11ax in 2.4GHz, 11n/11ac/11ax in 5GHz and 11ax in 6GHz.			
Device Type	☒	Indoor Access Point	☐	Subordinate
	☐	Indoor Client	☐	Standard Power Access Point
	☐	Dual Client	☐	Standard Client
	☐	Fixed Client		
Channel Puncturing Function	☐	Supported	☒	Unsupported
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	QSPR Version 5.0-00199			
Software / Firmware Version for CBP	10.0.3-0.0f			

Note: The above information was declared by manufacturer.

1.1.6 Table for Radio Function

Radio	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Bluetooth / Zigbee
1	V	-	-	-
2	-	V	-	-
3	-	-	V	-
4	-	-	-	V

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 15.407
- ♦ ANSI C63.10-2013
- ♦ FCC KDB 789033 D02 v02r01

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

- ♦ FCC KDB 987594 D02 v02r01
- ♦ FCC KDB 662911 D01 v02r01
- ♦ FCC KDB 412172 D01 v01r01
- ♦ FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

Testing Location Information	
Test Lab. : Sporton International Inc. Hsinchu Laboratory	
Hsinchu	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)
(TAF: 3787)	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	TH01-CB	KJ Chang	23.6~24.7 / 62~69	Jul. 31, 2023~Aug. 23, 2023
Radiated below 1GHz	03CH05-CB	RJ Huang	21~22 / 55~58	Jul. 28, 2023~Aug. 04, 2023
Radiated above 1GHz	03CH03-CB	Alex Kuo	22.1~23.9 / 57~62	Jul. 25, 2023~Jul. 31, 2023
Radiated above 1GHz (For co-location test)	03CH04-CB	Alex Kuo	22.3~24 / 57~62	Sep. 04, 2023
AC Conduction	CO02-CB	Summer Li	24~25 / 49~50	Aug. 21, 2023
RF Conducted (Contention-Based Protocol test)	DF02-CB	Young Yang	23.3~23.8 / 64~67	Sep. 08, 2023~Sep. 11, 2023

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.1 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	3.1 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.1 dB	Confidence levels of 95%
Bandwidth Measurement	2.2%	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

For Radio 3

Mode	Power Setting
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5955MHz	6
6195MHz	6.5
6415MHz	6.5
6435MHz	6.5
6475MHz	6
6515MHz	6
6535MHz	6
6695MHz	6.5
6875MHz Straddle 6.525-6.875GHz	6
6895MHz	6
6995MHz	6
7095MHz	7.5
7115MHz	7.5
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5965MHz	8
6205MHz	9
6405MHz	9.5
6445MHz	9
6485MHz	9
6525MHz Straddle 6.425-6.525GHz	8.5
6565MHz	8.5
6685MHz	9
6885MHz Straddle 6.525-6.875GHz	9
6925MHz	9
7005MHz	9
7085MHz	10.5
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5985MHz	11
6225MHz	12
6385MHz	12.5
6465MHz	12
6545MHz Straddle 6.425-6.525GHz	12
6625MHz	12



Mode	Power Setting
6705MHz	12
6785MHz	12
6865MHz Straddle 6.525-6.875GHz	12
6945MHz	12
7025MHz	13
802.11ax HEW160_Nss1,(MCS0)_2TX	-
6025MHz	14
6185MHz	14.5
6345MHz	15.5
6505MHz Straddle 6.425-6.525GHz	15
6665MHz	15
6825MHz Straddle 6.525-6.875GHz	14.5
6985MHz	14.5
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5955MHz	6
6195MHz	6.5
6415MHz	6.5
6435MHz	6.5
6475MHz	6
6515MHz	6
6535MHz	6
6695MHz	6.5
6875MHz Straddle 6.525-6.875GHz	6
6895MHz	6
6995MHz	6
7095MHz	7.5
7115MHz	7.5
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5965MHz	8
6205MHz	9
6405MHz	9.5
6445MHz	9
6485MHz	9
6525MHz Straddle 6.425-6.525GHz	8.5
6565MHz	8.5
6685MHz	9
6885MHz Straddle 6.525-6.875GHz	9
6925MHz	9
7005MHz	9



Mode	Power Setting
7085MHz	10.5
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5985MHz	11
6225MHz	12
6385MHz	12.5
6465MHz	12
6545MHz Straddle 6.425-6.525GHz	12
6625MHz	12
6705MHz	12
6785MHz	12
6865MHz Straddle 6.525-6.875GHz	12
6945MHz	12
7025MHz	13
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-
6025MHz	14
6185MHz	14.5
6345MHz	15.5
6505MHz Straddle 6.425-6.525GHz	15
6665MHz	15
6825MHz Straddle 6.525-6.875GHz	14.5
6985MHz	14.5

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. For antenna set 2: configuration 2 (Port 4 + Port 3) has been evaluated to be the worst case for radiated emissions test. Consequently, measurement for conducted emissions test will follow this same test mode. 2. For powered by PoE: There are two PoE ports on the EUT. Because of the same function and rate, powered from PoE port 2 is selected for testing.
1	EUT + antenna set 1 (2.4GHz+5GHz) + ant. 3~ant. 4 (6GHz) + ant. 3 (Bluetooth) + adapter
2	EUT + antenna set 1 (2.4GHz+5GHz) + ant. 3~ant. 4 (6GHz) + ant. 3 (Zigbee / TX) + adapter
3	EUT + antenna set 1 (2.4GHz+5GHz) + ant. 3~ant. 4 (6GHz) + ant. 3 (Zigbee / RX) + adapter
Mode 3 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4 will follow this same test mode.	
4	EUT + antenna set 1 (2.4GHz+5GHz) + ant. 3~ant. 4 (6GHz) + ant. 3 (Zigbee / RX) + PoE
5	EUT + antenna set 2 (2.4GHz+5GHz) + configuration 2 (Port 4 + Port 3) with 2M antenna cable + ant. 3~ant. 4 (6GHz) + ant. 3 (Bluetooth) + adapter
6	EUT + antenna set 2 (2.4GHz+5GHz) + configuration 2 (Port 4 + Port 3) with 2M antenna cable + ant. 3~ant. 4 (6GHz) + ant. 3 (Zigbee / TX) + adapter
7	EUT + antenna set 2 (2.4GHz+5GHz) configuration 2 (Port 4 + Port 3) with 2M antenna cable + ant. 3~ant. 4 (6GHz) + ant. 3 (Zigbee / RX) + adapter
Mode 6 has been evaluated to be the worst case among Mode 5~7, thus measurement for Mode 8 will follow this same test mode.	
8	EUT + antenna set 2 (2.4GHz+5GHz) + configuration 2 (Port 4 + Port 3) with 2M antenna cable + ant. 3~ant. 4 (6GHz) + ant. 3 (Zigbee / TX) + PoE
Mode 8 has been evaluated to be the worst case among Mode 5~8, thus measurement for Mode 9 will follow this same test mode.	
9	EUT + antenna set 2 (2.4GHz+5GHz) configuration 2 (Port 4 + Port 3) with 2M and 10M antenna cable + ant. 3~ant. 4 (6GHz) + ant. 3 (Zigbee / TX) + PoE
For operating mode 9 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Equivalent Isotopically Radiated Power (E.I.R.P.) Peak Power Spectral Density (E.I.R.P.) Contention Based Protocol
Test Condition	Conducted measurement at transmit chains
1	EUT + Radio 3



The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
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. For antenna set 1: The EUT performed the test at the X axis, Y axis and Z axis. The Y axis has been evaluated to be the worst case, this measurement will follow this same test mode.
	2. For antenna set 2: The EUT performed the test at the X axis, Y axis and Z axis. The Z axis has been evaluated to be the worst case, this measurement will follow this same test mode.
	3. For powered by PoE: There are two PoE ports on the EUT. Because of the same function and rate, powered from PoE port 2 is selected for testing.
1	EUT in Y axis + antenna set 1 (2.4GHz+5GHz) + ant. 3~ant. 4 (6GHz) + ant. 3 (Bluetooth) + adapter
2	EUT in Y axis + antenna set 1 (2.4GHz+5GHz) + ant. 3~ant. 4 (6GHz) + ant. 3 (Zigbee / TX) + adapter
3	EUT in Y axis + antenna set 1 (2.4GHz+5GHz) + ant. 3~ant. 4 (6GHz) + ant. 3 (Zigbee / RX) + adapter
Mode 3 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4 will follow this same test mode.	
4	EUT in Y axis + antenna set 1 (2.4GHz+5GHz) + ant. 3~ant. 4 (6GHz) + ant. 3 (Zigbee / RX) + PoE
5	EUT in Z axis + antenna set 2 (2.4GHz+5GHz) + configuration 2 (Port 4 + Port 3) with 2M antenna cable + ant. 3~ant. 4 (6GHz) + ant. 3 (Bluetooth) + adapter
6	EUT in Z axis + antenna set 2 (2.4GHz+5GHz) + configuration 2 (Port 4 + Port 3) with 2M antenna cable + ant. 3~ant. 4 (6GHz) + ant. 3 (Bluetooth) + adapter
7	EUT in Z axis + antenna set 2 (2.4GHz+5GHz) + configuration 3 (Port 3 + Port 4) with 2M antenna cable + ant. 3~ant. 4 (6GHz) + ant. 3 (Bluetooth) + adapter
8	EUT in Z axis + antenna set 2 (2.4GHz+5GHz) + configuration 4 (Port 2 + Port 1) with 2M antenna cable + ant. 3~ant. 4 (6GHz) + ant. 3 (Bluetooth) + adapter
Mode 6 has been evaluated to be the worst case among Mode 5~8, thus measurement for Mode 9~10 will follow this same test mode.	
9	EUT in Z axis + antenna set 2 (2.4GHz+5GHz) + configuration 2 (Port 4 + Port 3) with 2M antenna cable + ant. 3~ant. 4 (6GHz) + ant. 3 (Zigbee / TX) + adapter
10	EUT in Z axis + antenna set 2 (2.4GHz+5GHz) + configuration 2 (Port 4 + Port 3) with 2M antenna cable + ant. 3~ant. 4 (6GHz) + ant. 3 (Zigbee / RX) + adapter
Mode 6 has been evaluated to be the worst case among Mode 5~10, thus measurement for Mode 11~12 will follow this same test mode.	
11	EUT in Z axis + antenna set 2 (2.4GHz+5GHz) + configuration 2 (Port 4 + Port 3) with 2M antenna cable + ant. 3~ant. 4 (6GHz) + ant. 3 (Bluetooth) + PoE
12	EUT in Z axis + antenna set 2 (2.4GHz+5GHz) + configuration 2 (Port 4 + Port 3) with 12M antenna cable + ant. 3~ant. 4 (6GHz) + ant. 3 (Bluetooth) + PoE
For operating mode 4 is the worst case and it was record in this test report.	



Operating Mode > 1GHz	CTX
	The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at X axis. Thus, the measurement will follow this same test configuration.
1	EUT in X axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission MASK
Test Condition	Conducted measurement at transmit chains

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
	1. For test mode 1: The EUT was performed testing at X, Y, and Z axis positions, and the worst case was found at Y axis in Unwanted Emissions above 1GHz. Thus, the measurement will follow this same test configuration.
	2. For test mode 2: The EUT was performed testing at X, Y, and Z axis positions, and the worst case was found at Z axis in Unwanted Emissions above 1GHz. Thus, the measurement will follow this same test configuration.
	3. For test mode 3: The EUT was performed testing at X, Y, and Z axis positions, and the worst case was found at Y axis in Unwanted Emissions above 1GHz. Thus, the measurement will follow this same test configuration.
	4. For test mode 4: The EUT was performed testing at X, Y, and Z axis positions, and the worst case was found at X axis in Unwanted Emissions above 1GHz. Thus, the measurement will follow this same test configuration.
1	EUT in Y axis_Radio 1 (2.4GHz) + Radio 2 (5GHz) with antenna set 1
2	EUT in Z axis_Radio 1 (2.4GHz) + Radio 2 (5GHz) with antenna set 2 with 2M antenna cable + configuration 3 (Port 3 + Port 4)
3	EUT in Y axis_Radio 3 (6GHz) + Radio 4 (Bluetooth)
4	EUT in X axis_Radio 3 (6GHz) + Radio 4 (Zigbee)
For operating mode 3 is the worst case and it was record in this test report.	
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) with antenna set 1 + Radio 3 (6GHz) + Radio 4 (Bluetooth)
2	Radio 1 (2.4GHz) + Radio 2 (5GHz) with antenna set 1 + Radio 3 (6GHz) + Radio 4 (Zigbee)
3	Radio 1 (2.4GHz) + Radio 2 (5GHz) with antenna set 2 with 2M antenna cable + Radio 3 (6GHz) + Radio 4 (Bluetooth)
4	Radio 1 (2.4GHz) + Radio 2 (5GHz) with antenna set 2 with 2M antenna cable + Radio 3 (6GHz) + Radio 4 (Zigbee)
Refer to Sporton Test Report No.: FA372105 for Co-location RF Exposure Evaluation.	

Note: The Adapter and PoE are for measurement only, would not be marketed.

Adapter and PoE information as below:

Power	Brand	Model
Adapter	APD	DA-48Z12
PoE 1	DELTA	ADP-60HR B
PoE 2	Microsemi	PD-9001GR/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
Mounting Bracket*1
SMA Connector*2 (Used for Patch Ant.)



2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	LAN1 NB	DELL	E6430	N/A
B	LAN2 NB	DELL	E6430	N/A
C	2.4G NB	DELL	E6431	N/A
D	5G NB	DELL	E6432	N/A
E	6G NB	DELL	E6433	N/A
F	Zigbee Device	Allied Telesis	TQ6403	N/A
G	PoE 1	DELTA	ADP-60HR B	N/A
H	6G Client	INTEL	AX210NGW	PD9AX210NG/NA
J	Device NB	DELL	E6433	N/A

For Radiated (below 1GHz):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	2.5G Notebook	DELL	E4300	N/A
B	PoE 2	Microsemi	PD-9001GR/AC	N/A
C	2.5G Notebook	DELL	E4300	N/A
D	Zigbee Client	Allied Telesis	TQ6403	N/A
E	Client Notebook	DELL	E4300	N/A
F	2.4G WIFI Notebook	DELL	E4300	N/A
G	5G WIFI Notebook	DELL	E4300	N/A
H	6G WIFI Notebook	DELL	E4300	N/A
I	WLAN module	INTEL	AX210NGW	PD9AX210NG

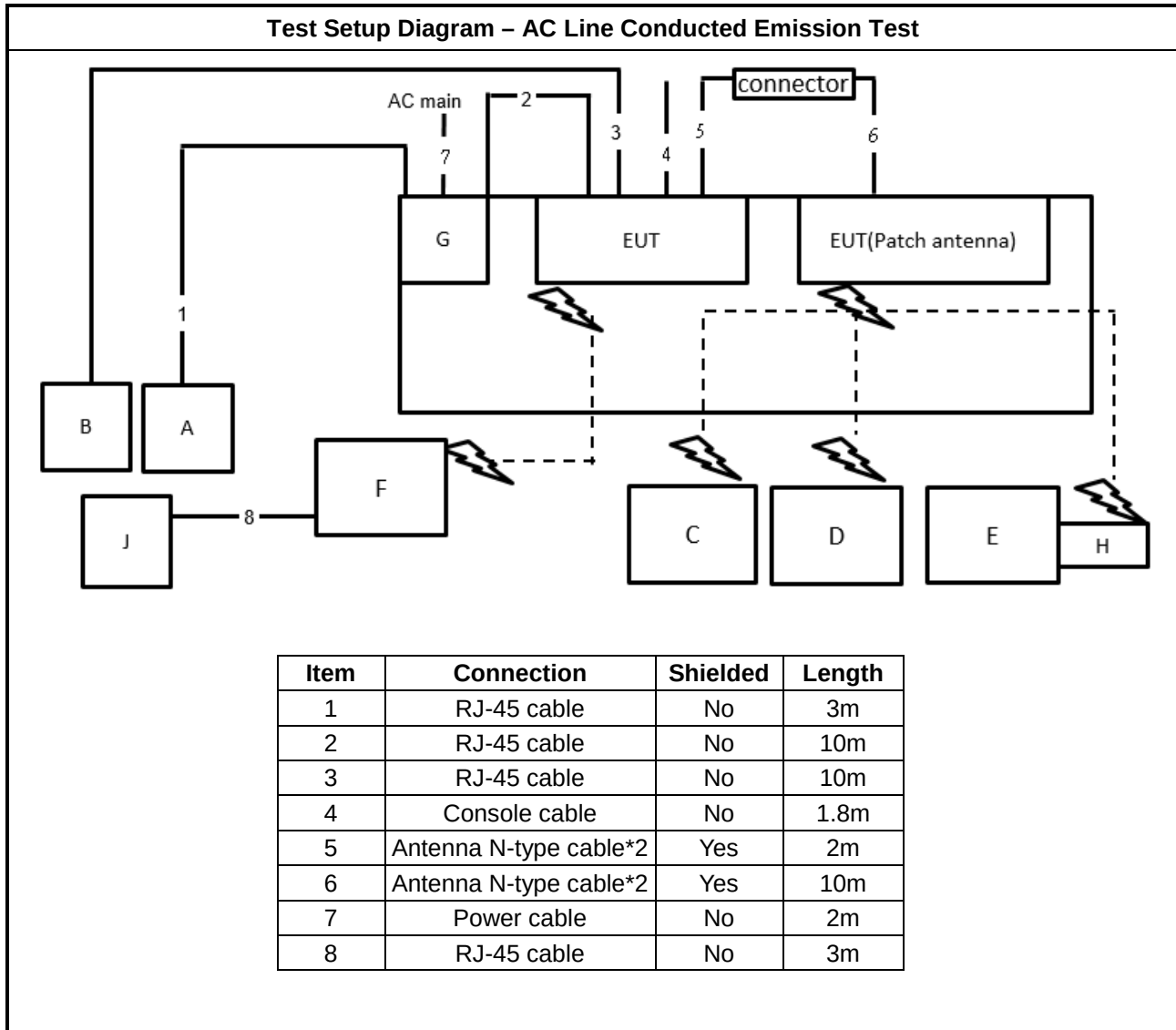
For Radiated (above 1GHz) and RF Conducted (for others test):

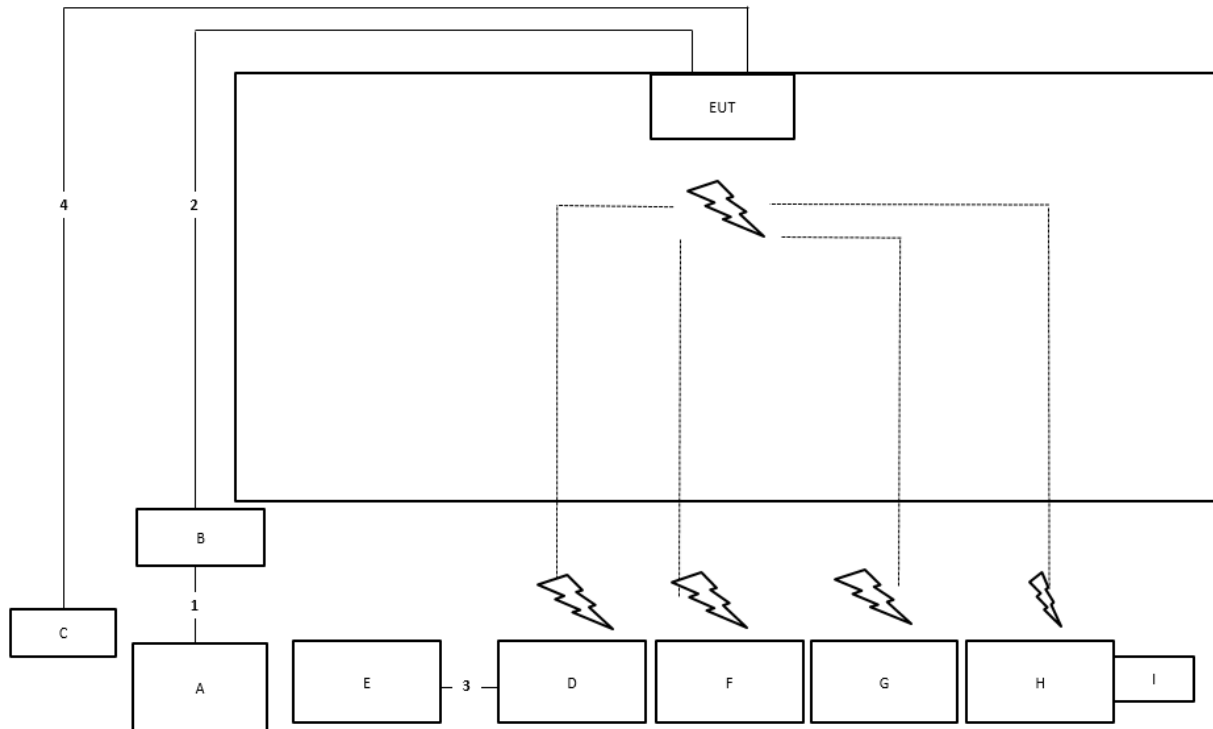
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	PoE 1	DELTA	ADP-60HR B	N/A

**For RF Conducted (Contention Based Protocol):**

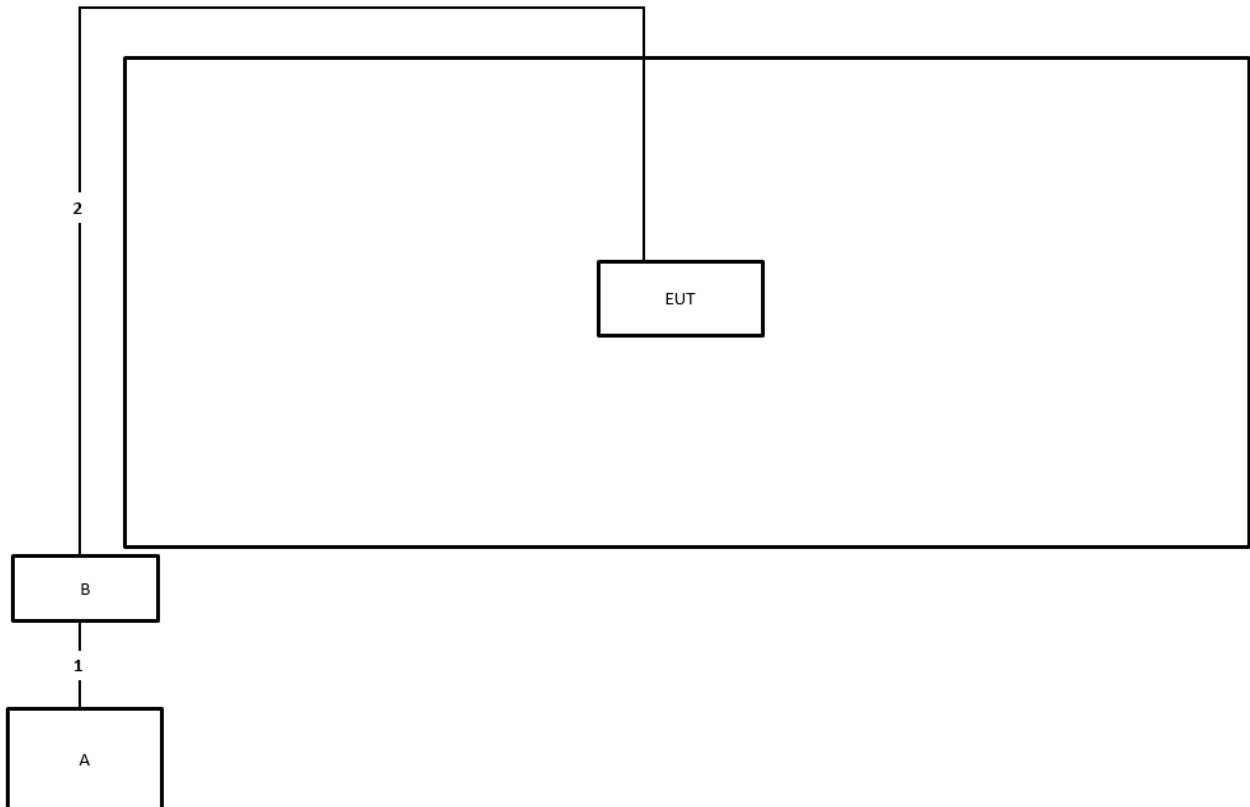
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	WLAN module	Intel	AX210NGW	N/A
D	Adapter	DELTA	ADP-60HR B	N/A

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test < 1GHz


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

Test Setup Diagram - Radiated Test > 1GHz


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



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.

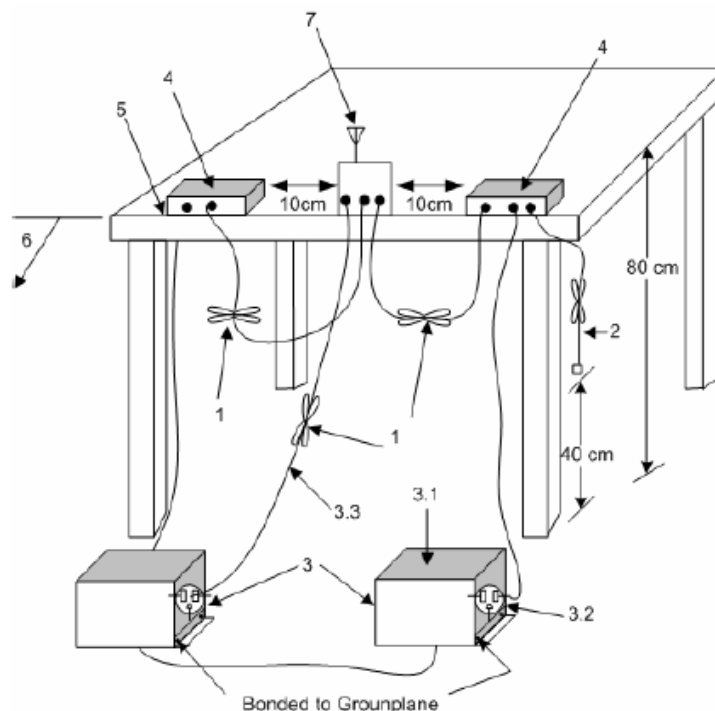
3.1.2 Measuring Instruments

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



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

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

- Corrected Reading (dBUV) = LISN Factor + Cable Loss + Read Level = Level
- Margin = - Limit + (Read Level + LISN Factor + Cable Loss)

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5925-6425 GHz band, N/A
☒	For the 6425-6525 GHz band, N/A
☒	For the 6525-6875 GHz band, N/A
☒	For the 6875-7125 GHz band, N/A
RLAN Devices	
☐	For the 5925-6425 GHz band, N/A
☐	For the 6425-6525 GHz band, N/A
☐	For the 6525-6875 GHz band, N/A
☐	For the 6875-7125 GHz band, N/A

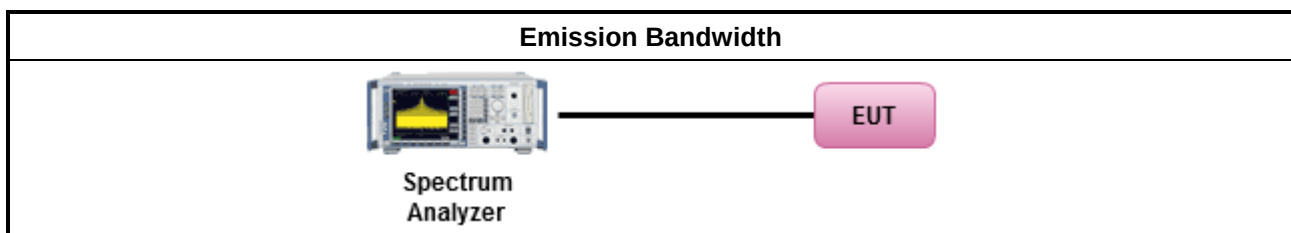
3.2.2 Measuring Instruments

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:	
☒	According to FCC KDB 987594 D02 clause II.C, measurement procedure shall refer to FCC KDB 789033 D02, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)

3.3.1 Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) Limit

Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) Limit	
UNII Devices	
☒	For the 5.925 ~ 6.425 GHz band:
☐	For standard power access point and fixed client device : e.i.r.p < 36 dBm , For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm).
☐	For indoor access point : e.i.r.p < 30 dBm.
☐	For subordinate device control of an indoor access point : e.i.r.p < 30 dBm.
☐	For client device control of a standard power access point : e.i.r.p < 30 dBm.
☐	For client device control of an indoor access point : e.i.r.p < 24 dBm.
☒	For the 6.425 ~ 6.525 GHz band:
☐	For indoor access point : e.i.r.p < 30 dBm.
☐	For client device control of an indoor access point : e.i.r.p < 24 dBm.
☒	For the 6.525 ~ 6.875 GHz band:
☐	For standard power access point and fixed client device : e.i.r.p < 36 dBm , For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm).
☐	For indoor access point : e.i.r.p < 30 dBm.
☐	For subordinate device control of an indoor access point : e.i.r.p < 30 dBm.
☐	For client device control of a standard power access point : e.i.r.p < 30 dBm.
☐	For client device control of an indoor access point : e.i.r.p < 24 dBm.
☒	For the 6.875 ~ 7.125 GHz band:
☐	For indoor access point : e.i.r.p < 30 dBm.
☐	For client device control of an indoor access point : e.i.r.p < 24 dBm.
RLAN Devices	
☐	For the 5.925 ~ 7.125 GHz band:
☐	For low-power indoor access-points & indoor subordinate devices < 30 dBm .
☐	For low-power client devices < 24 dBm.
☐	For the 5.925 ~ 6.875 GHz band:
☐	For standard-power access points & fixed client devices < 36 dBm.
☐	For standard client devices < 30 dBm.

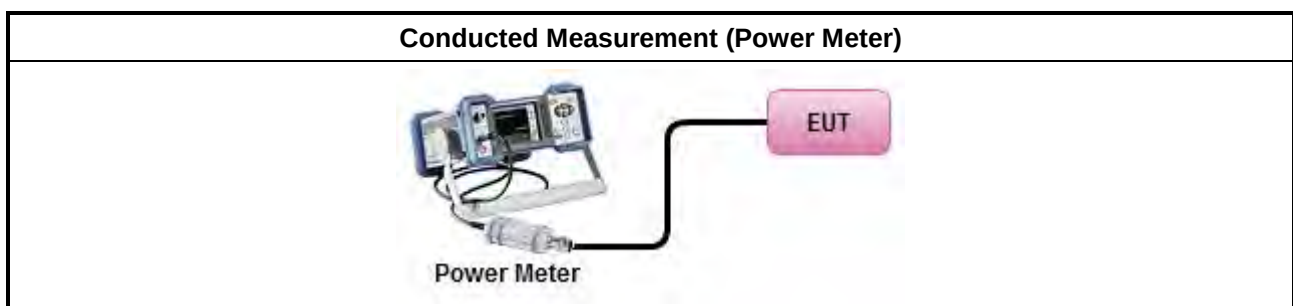
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
According to FCC KDB 987594 D02 clause II.E, the test measurement procedure shall refer to KDB 789033.	
Average over on/off periods with duty factor	
☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging). Spectrum analyzer setting: RBW/VBW : 1/3MHz ; Detector : RMS ; Trace mode : Average ; Sweep Count 100.
☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
Wideband RF power meter and average over on/off periods with duty factor	
☒	Refer as FCC KDB 789033 D02, clause E Method PM-G (using an 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]) $EIRP_{total} = P_{total} + DG$	
☐ For radiated measurement.	
Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing"	
Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	
Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.	

3.3.4 Test Setup



3.3.5 Test Result of Maximum Equivalent Isotopically Radiated Power (E.I.R.P)

Refer as Appendix C

3.4 Peak Power Spectral Density (E.I.R.P.)

3.4.1 Peak Power Spectral Density (E.I.R.P.) Limit

Peak Power Spectral Density (E.I.R.P.) Limit	
UNII Devices	
☒	For the 5.925 ~ 6.425 GHz band:
☐	For standard power access point and fixed client device : e.i.r.p PSD < 23 dBm/MHz.
☐	For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
☐	For subordinate device control of an indoor access point : e.i.r.p PSD < 5 dBm/MHz.
☐	For client device control of a standard power access point : e.i.r.p PSD < 17 dBm/MHz.
☐	For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
☒	For the 6.425 ~ 6.525 GHz band:
☐	For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
☐	For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
☒	For the 6.525 ~ 6.875 GHz band:
☐	For standard power access point and fixed client device : e.i.r.p PSD < 23 dBm/MHz.
☐	For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
☐	For subordinate device control of an indoor access point : e.i.r.p PSD < 5 dBm/MHz.
☐	For client device control of a standard power access point : e.i.r.p PSD < 17 dBm/MHz.
☐	For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
☒	For the 6.875 ~ 7.125 GHz band:
☐	For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
☐	For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
RLAN Devices	
☐	For the 5.925 ~ 7.125 GHz band:
☐	For low-power indoor access-points & indoor subordinate devices < 5 dBm / MHz.
☐	For low-power client devices < -1 dBm / MHz.
☐	For the 5.925 ~ 6.875 GHz band:
☐	For standard-power access points & fixed client devices < 23 dBm / MHz.
☐	For standard client devices < 17 dBm / MHz.

3.4.2 Measuring Instruments

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

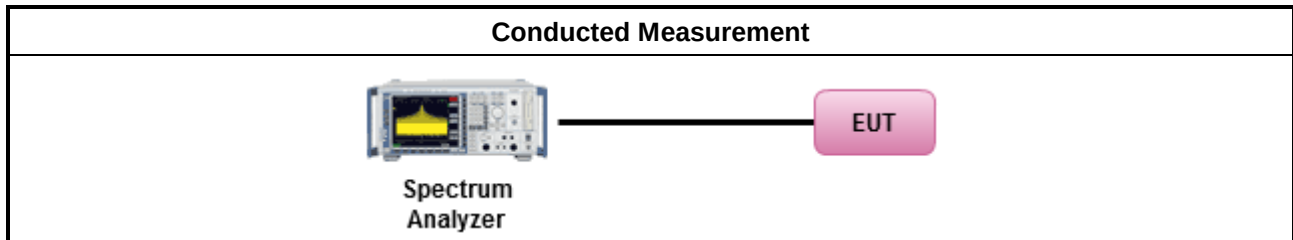


3.4.3 Test Procedures

Test Method	
According to FCC KDB 987594 D02 clause II.F, the measurement procedure shall refer to KDB 789033. Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐	Refer as FCC KDB 789033 D02, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
[duty cycle ≥ 98% or external video / power trigger]	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
duty cycle < 98% and average over on/off periods with duty factor	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
☒	For conducted measurement.
If the EUT supports multiple transmit chains using options given below:	
☒	Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
☐	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
☐	Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	
☐	For radiated measurement.
Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing"	
Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	

Test Method	
	Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density (E.I.R.P.)

Refer as Appendix D



3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

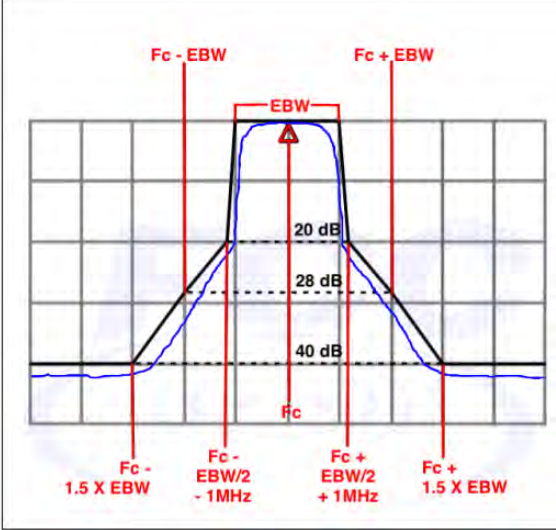
Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
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($20 \times \log(\text{standard distance}/\text{test distance}) = 20\log(3/1) = 9.54\text{dB}$).
EX. Above 18GHz emission limit calculation (3m to 1m) = $54\text{dBuV/m at 3m} + 9.54\text{dB} = 63.54\text{dBuV/m at 1m}$.

Un-restricted band emissions above 1GHz Limit	
Frequency	Limit
Any outside the 5.945 – 7.125 GHz emission	e.i.r.p. -27 dBm [68.2 dBuV/m@3m] Note 1: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m($20 \times \log(\text{standard distance}/\text{test distance}) = 20\log(3/1) = 9.54\text{dB}$). EX. Above 18GHz emission limit calculation (3m to 1m) = $68.2\text{dBuV/m at 3m} + 9.54\text{dB} = 77.74\text{dBuV/m at 1m}$. Note 2:-27 dBm EIRP OOBE is measured RMS which is a deviation from the current 15E rules for 5 GHz bands. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.

Frequency	Emission MASK Limit
5.945 – 7.125 GHz	Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB. 



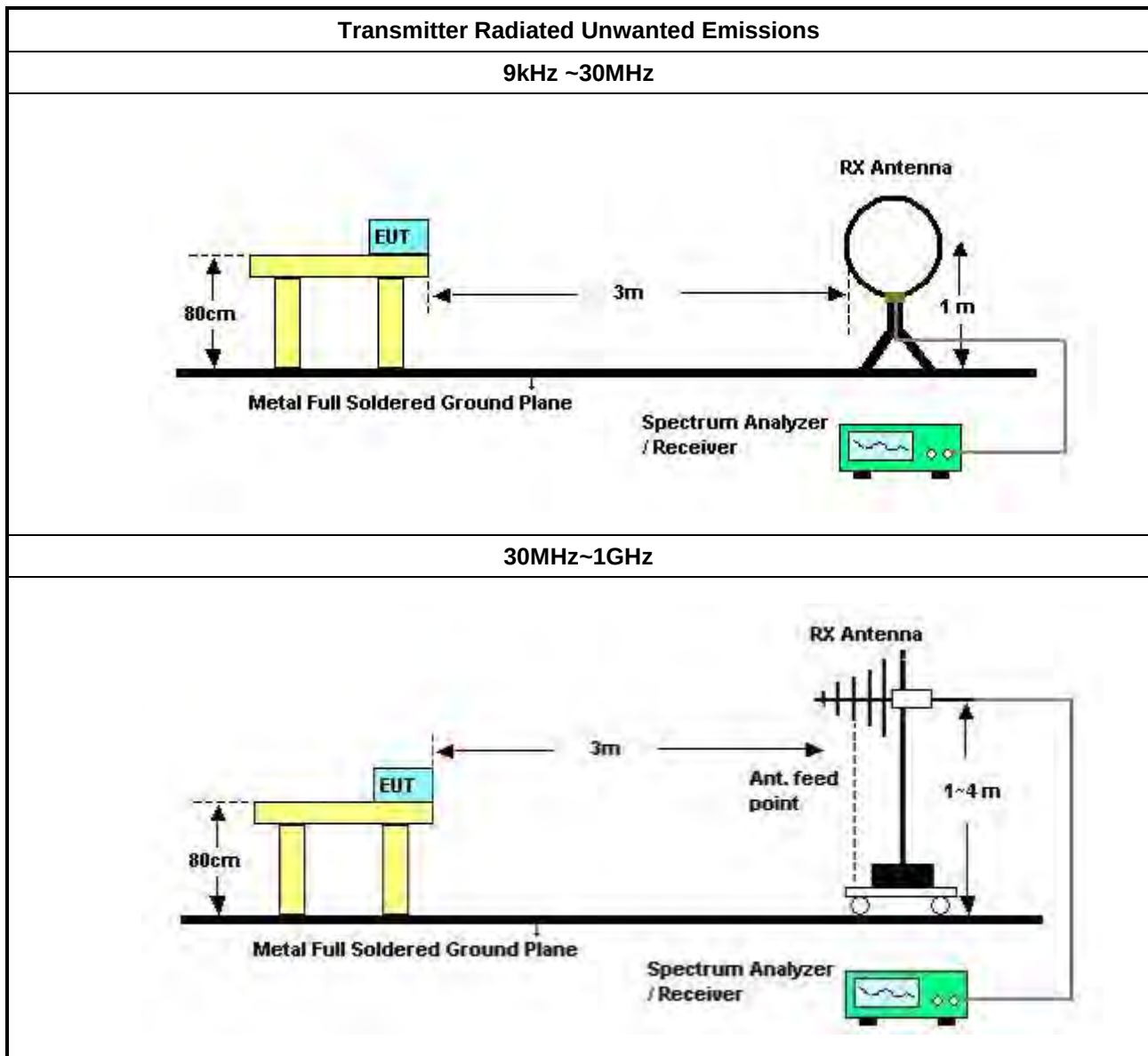
3.5.2 Measuring Instruments

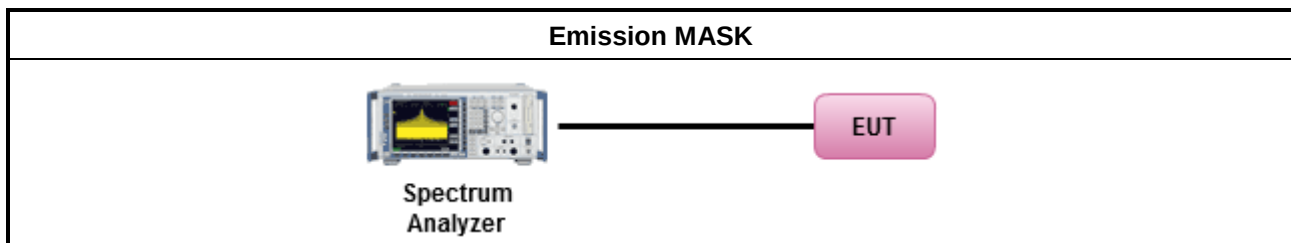
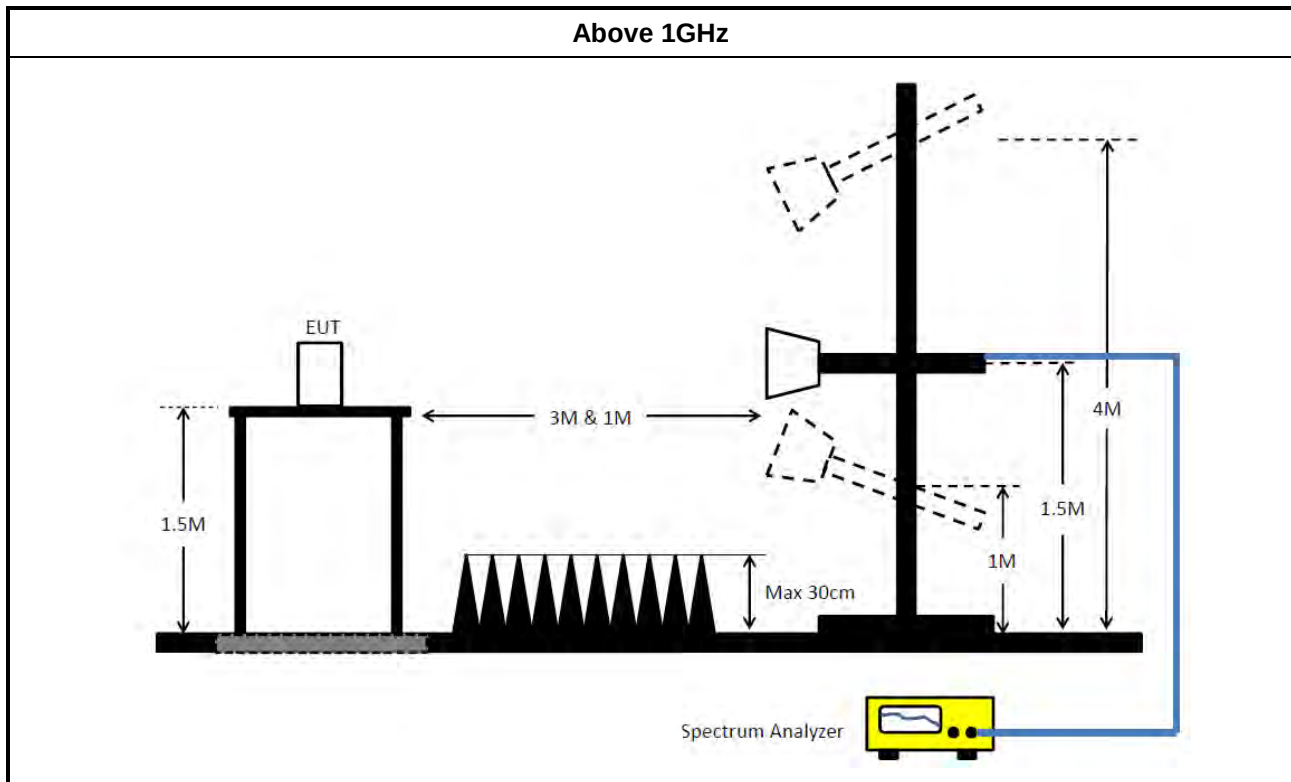
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

Test Method	
According to FCC KDB 987594 D02 II.G. the unwanted emission measurement procedure shall refer to KDB 789300(except emission MASK). 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. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. 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).	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.
	☒ Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging). (For unrestricted band measurement)
	☐ Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).
	☒ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW $\geq$ 1/T, where T is pulse time.(For restricted band average measurement)
	☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
	☒ Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.
	☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
Refer as FCC KDB 789033 D02, clause G)3)d)ii) for Band edge Integration measurements.	
For emission MASK shall be measured using following options below:	
	☒ Refer as FCC KDB 987594 D02, J) In-Band Emissions
For radiated measurement.	
	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
The any unwanted emissions level shall not exceed the fundamental emission level.	
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.	

3.5.4 Test Setup





3.5.5 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

3.5.6 Transmitter Unwanted Emissions (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.

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

3.6 Contention Based Protocol

3.6.1 Contention Based Protocol Limit

EUT can detect an AWGN signal with 90% (or better) level of certainty.

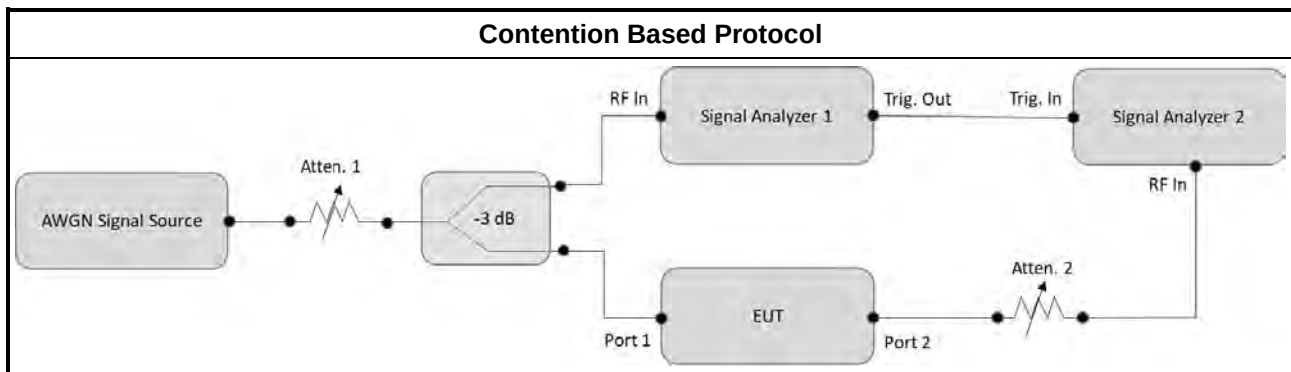
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

Test Method	
■	For Contention Based Protocol shall be measured using following options below:
☒	Refer as FCC KDB 987594 D02, I) Contention Based Protocol.

3.6.4 Test Setup



3.6.5 Test Result of Contention Based Protocol

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	Apr. 06, 2023	Apr. 05, 2024	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Dec. 20, 2022	Dec. 19, 2023	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	May 18, 2023	May 17, 2024	Conduction (CO02-CB)
COND Cable	Woken	Cable	2	0.15MHz ~ 30MHz	Oct. 18, 2022	Oct. 17, 2023	Conduction (CO02-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO02-CB)
Pulse Limiter	Schwarzbeck	VTSD 9561F-N	00378	9kHz ~ 30MHz	Oct. 18, 2022	Oct. 17, 2023	Conduction (CO02-CB)
Loop Antenna	Teseq	HLA 6120	31244	9kHz - 30 MHz	Mar. 23, 2023	Mar. 22, 2024	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 03, 2022	Aug. 02, 2023	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 02, 2023	Aug. 01, 2024	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 24, 2023	Mar. 23, 2024	Radiation (03CH05-CB)
Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 03, 2023	May 02, 2024	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 18, 2023	Apr. 17, 2024	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 13, 2023	Jun. 12, 2024	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 04, 2023	May 03, 2024	Radiation (03CH03-CB)
Horn Antenna	ETS-Lindgren	3115	6821	750MHz~18GHz	Feb. 03, 2023	Feb. 02, 2024	Radiation (03CH03-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 28, 2023	Jun. 27, 2024	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jun. 30, 2023	Jun. 29, 2024	Radiation (03CH03-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 16, 2022	Nov. 15, 2023	Radiation (03CH03-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 12, 2023	Jun. 11, 2024	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 23, 2023	Feb. 22, 2024	Radiation (03CH04-CB)
Horn Antenna	ETS-Lindgren	3115	00143147	750MHz~18GHz	Oct. 12, 2022	Oct. 11, 2023	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 28, 2023	Jun. 27, 2024	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz~26.5GHz	Jun. 30, 2023	Jun. 29, 2024	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 16, 2022	Nov. 15, 2023	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 21, 2023	Mar. 20, 2024	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH04-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 29, 2023	May 28, 2024	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1 GHz ~26.5 GHz	Oct. 04, 2022	Oct. 03, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz ~ 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz ~ 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-08	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Feb. 22, 2023	Feb. 21, 2024	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Feb. 22, 2023	Feb. 21, 2024	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)
Spectrum Analyzer	R&S	FSV40	101025	9kHz ~ 40GHz	Oct. 28, 2022	Oct. 27, 2023	Conducted (DF02-CB)
Signal generator	R&S	SMB100A	181239	1MHz-40GHz	Dec. 30, 2022	Dec. 29, 2023	Conducted (DF02-CB)
Vector Signal generator	R&S	SMW200A	109426	100kHz- 7.5GHz	Dec. 29, 2022	Dec. 28, 2023	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-2way -05	1GHz ~ 8GHz	Oct. 04, 2022	Oct. 03, 2023	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-2way -06	1GHz ~ 8GHz	Oct. 04, 2022	Oct. 03, 2023	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-2way -07	1GHz ~ 8GHz	Oct. 04, 2022	Oct. 03, 2023	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-2way -08	1GHz ~ 8GHz	Oct. 04, 2022	Oct. 03, 2023	Conducted (DF02-CB)
RF Power Divider	Titan	2 Way	DV-2way -12	2GHz ~ 8GHz	Apr. 28, 2023	Apr. 27, 2024	Conducted (DF02-CB)
RF Power Divider	Titan	2 Way	DV-2way -13	2GHz ~ 8GHz	Apr. 28, 2023	Apr. 27, 2024	Conducted (DF02-CB)
RF Power Divider	Titan	2 Way	DV-2way -14	2GHz ~ 8GHz	Apr. 28, 2023	Apr. 27, 2024	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-60	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-61	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-62	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-63	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-66	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (DF02-CB)
100MS/s Digitizer	N.I	USB-5133	F65206	N/A	Mar. 17, 2023	Mar. 16, 2024	Conducted (DF02-CB)

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

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



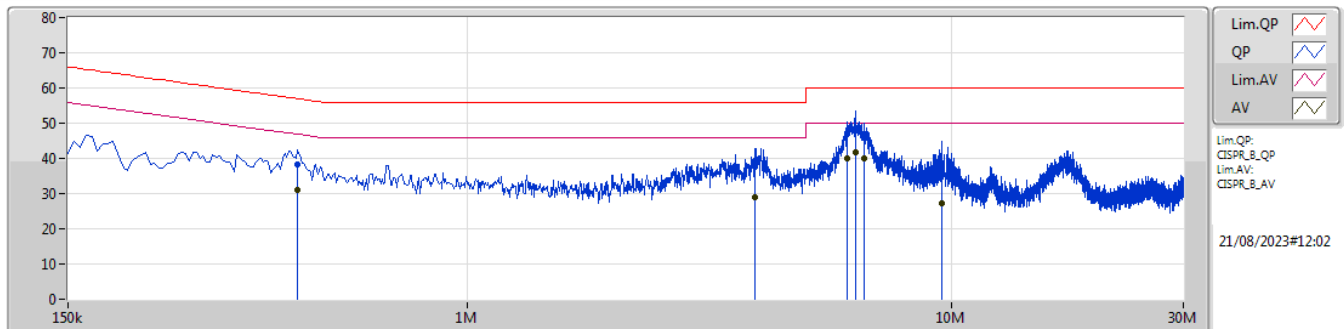
Conducted Emissions at Powerline

Appendix A

Summary

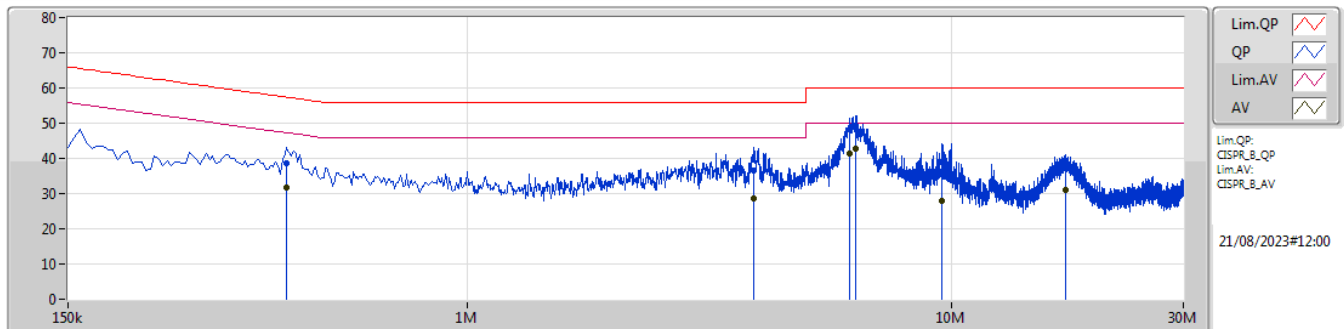
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 9	Pass	AV	6.315M	42.87	50.00	-7.13	Neutral

Mode 9



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	447k	38.39	56.94	-18.55	10.19	Line	-	28.20	0.04	0.15	10.00						
AV	447k	31.00	46.94	-15.94	10.19	Line	-	20.81	0.04	0.15	10.00						
QP	3.926M	37.57	56.00	-18.43	10.14	Line	-	27.43	0.10	0.20	9.84						
AV	3.926M	28.90	46.00	-17.10	10.14	Line	-	18.76	0.10	0.20	9.84						
QP	6.068M	46.90	60.00	-13.10	10.23	Line	-	36.67	0.15	0.20	9.88						
AV	6.068M	40.10	50.00	-9.90	10.23	Line	-	29.87	0.15	0.20	9.88						
QP	6.315M	48.22	60.00	-11.78	10.23	Line	-	37.99	0.15	0.20	9.88						
AV	6.315M	41.60	50.00	-8.40	10.23	Line	"Worst"	31.37	0.15	0.20	9.88						
QP	6.576M	46.88	60.00	-13.12	10.24	Line	-	36.64	0.15	0.21	9.88						
AV	6.576M	39.87	50.00	-10.13	10.24	Line	-	29.63	0.15	0.21	9.88						
QP	9.524M	38.12	60.00	-21.88	10.32	Line	-	27.80	0.19	0.21	9.92						
AV	9.524M	27.41	50.00	-22.59	10.32	Line	-	17.09	0.19	0.21	9.92						

Mode 9



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	6.135M	48.42	60.00	-11.58	10.22	Neutral	-	38.20	0.14	0.20	9.88						
AV	6.135M	41.21	50.00	-8.79	10.22	Neutral	-	30.99	0.14	0.20	9.88						
QP	6.315M	49.13	60.00	-10.87	10.22	Neutral	-	38.91	0.14	0.20	9.88						
AV	6.315M	42.87	50.00	-7.13	10.22	Neutral	"Worst"	32.65	0.14	0.20	9.88						
QP	9.551M	38.87	60.00	-21.13	10.31	Neutral	-	28.56	0.18	0.21	9.92						
AV	9.551M	27.95	50.00	-22.05	10.31	Neutral	-	17.64	0.18	0.21	9.92						
QP	17.115M	37.81	60.00	-22.19	10.47	Neutral	-	27.34	0.22	0.25	10.00						
AV	17.115M	31.05	50.00	-18.95	10.47	Neutral	-	20.58	0.22	0.25	10.00						
QP	3.908M	36.62	56.00	-19.38	10.14	Neutral	-	26.48	0.10	0.20	9.84						
AV	3.908M	28.78	46.00	-17.22	10.14	Neutral	-	18.64	0.10	0.20	9.84						
QP	424.5k	38.60	57.36	-18.76	10.20	Neutral	-	28.40	0.05	0.15	10.00						
AV	424.5k	31.84	47.36	-15.52	10.20	Neutral	-	21.64	0.05	0.15	10.00						

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	21.01M	18.841M	18M8D1D	20.845M	18.816M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.48M	37.762M	37M8D1D	40.04M	37.662M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.28M	77.323M	77M3D1D	81.84M	76.923M
802.11ax HEW160_Nss1,(MCS0)_2TX	164.56M	155.045M	155MD1D	163.68M	154.246M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	21.12M	18.841M	18M8D1D	20.9M	18.816M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.92M	37.802M	37M8D1D	40.26M	37.662M
802.11ax HEW80_Nss1,(MCS0)_2TX	83.16M	77.363M	77M4D1D	82.28M	77.123M
802.11ax HEW160_Nss1,(MCS0)_2TX	165.44M	154.725M	155MD1D	164.56M	154.725M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	21.285M	18.911M	18M9D1D	20.79M	18.816M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.7M	37.802M	37M8D1D	40.26M	37.562M
802.11ax HEW80_Nss1,(MCS0)_2TX	83.16M	77.363M	77M4D1D	81.84M	77.123M
802.11ax HEW160_Nss1,(MCS0)_2TX	164.56M	155.045M	155MD1D	163.68M	154.645M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	21.065M	18.866M	18M9D1D	20.625M	18.816M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.48M	37.762M	37M8D1D	40.04M	37.662M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.28M	77.323M	77M3D1D	81.84M	77.123M
802.11ax HEW160_Nss1,(MCS0)_2TX	165.44M	154.645M	155MD1D	163.68M	153.846M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
 Max-OBW = Maximum 99% occupied bandwidth;
 Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
 Min-OBW = Minimum 99% occupied bandwidth

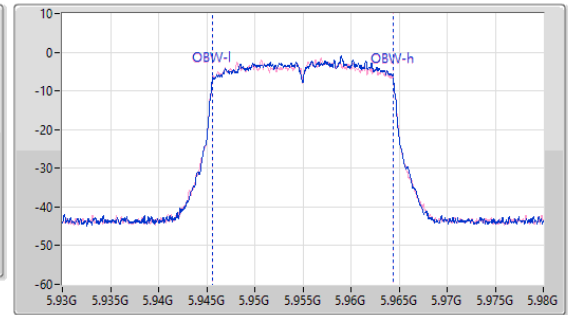
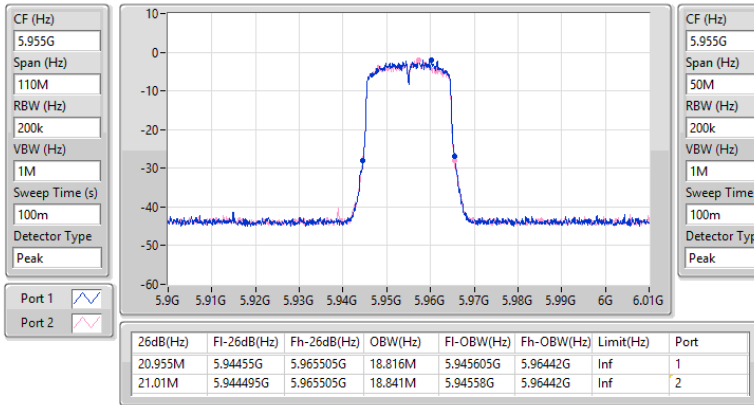
Result

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_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	20.955M	18.816M	21.01M	18.841M
6195MHz	Pass	Inf	21.01M	18.841M	20.845M	18.816M
6415MHz	Pass	Inf	21.01M	18.841M	20.955M	18.841M
6435MHz	Pass	Inf	21.01M	18.841M	20.9M	18.841M
6475MHz	Pass	Inf	20.955M	18.841M	21.12M	18.841M
6515MHz	Pass	Inf	21.01M	18.841M	21.065M	18.816M
6535MHz	Pass	Inf	21.065M	18.841M	20.9M	18.816M
6695MHz	Pass	Inf	20.955M	18.891M	21.285M	18.816M
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	21.01M	18.911M	20.79M	18.911M
6895MHz	Pass	Inf	20.9M	18.841M	21.065M	18.841M
6995MHz	Pass	Inf	20.79M	18.841M	20.625M	18.816M
7095MHz	Pass	Inf	21.065M	18.866M	20.79M	18.841M
7115MHz	Pass	Inf	20.9M	18.841M	21.01M	18.866M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	40.26M	37.662M	40.26M	37.662M
6205MHz	Pass	Inf	40.48M	37.762M	40.04M	37.762M
6405MHz	Pass	Inf	40.48M	37.762M	40.48M	37.762M
6445MHz	Pass	Inf	40.7M	37.662M	40.7M	37.662M
6485MHz	Pass	Inf	40.26M	37.662M	40.92M	37.662M
6525MHz Straddle 6.425-6.525GHz	Pass	Inf	40.48M	37.802M	40.26M	37.802M
6565MHz	Pass	Inf	40.48M	37.662M	40.48M	37.562M
6685MHz	Pass	Inf	40.26M	37.662M	40.7M	37.662M
6885MHz Straddle 6.525-6.875GHz	Pass	Inf	40.26M	37.802M	40.26M	37.802M
6925MHz	Pass	Inf	40.48M	37.662M	40.26M	37.662M
7005MHz	Pass	Inf	40.26M	37.662M	40.04M	37.662M
7085MHz	Pass	Inf	40.26M	37.662M	40.48M	37.762M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	81.84M	76.923M	82.28M	76.923M
6225MHz	Pass	Inf	81.84M	77.123M	82.28M	77.123M
6385MHz	Pass	Inf	81.84M	77.323M	81.84M	77.123M
6465MHz	Pass	Inf	82.72M	77.123M	82.28M	77.123M
6545MHz Straddle 6.425-6.525GHz	Pass	Inf	82.72M	77.363M	83.16M	77.363M
6625MHz	Pass	Inf	81.84M	77.123M	81.84M	77.123M
6705MHz	Pass	Inf	81.84M	77.323M	81.84M	77.123M
6785MHz	Pass	Inf	83.16M	77.123M	81.84M	77.123M
6865MHz Straddle 6.525-6.875GHz	Pass	Inf	81.84M	77.363M	82.28M	77.363M
6945MHz	Pass	Inf	81.84M	77.123M	81.84M	77.123M
7025MHz	Pass	Inf	82.28M	77.123M	82.28M	77.323M
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	Inf	163.68M	154.645M	163.68M	154.645M
6185MHz	Pass	Inf	163.68M	154.246M	164.56M	154.246M
6345MHz	Pass	Inf	164.56M	155.045M	164.56M	155.045M
6505MHz Straddle 6.425-6.525GHz	Pass	Inf	165.44M	154.725M	164.56M	154.725M
6665MHz	Pass	Inf	163.68M	155.045M	164.56M	154.645M
6825MHz Straddle 6.525-6.875GHz	Pass	Inf	164.56M	154.725M	164.56M	154.725M
6985MHz	Pass	Inf	165.44M	153.846M	163.68M	154.645M

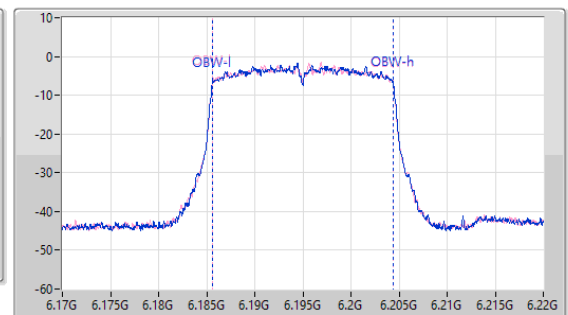
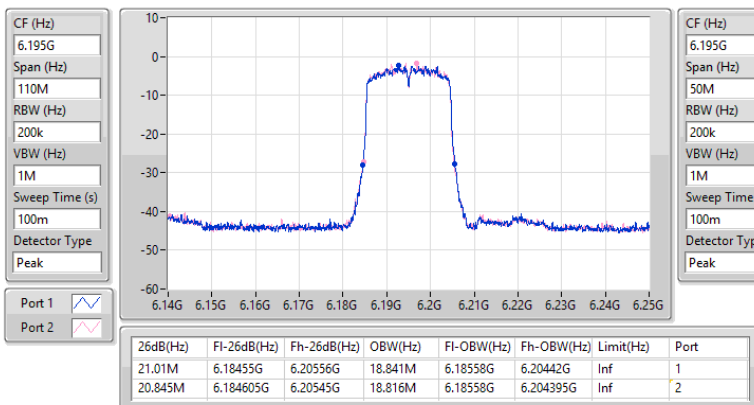
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5955MHz

01/08/2023

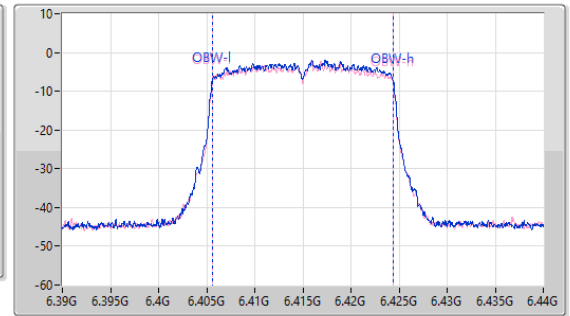
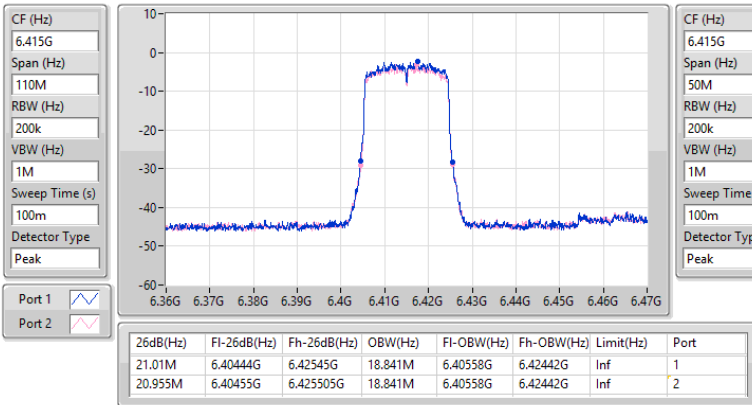

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
6195MHz

01/08/2023

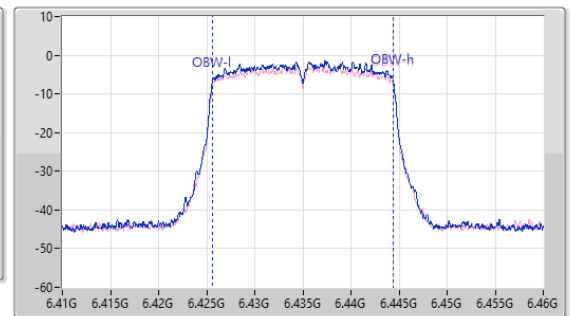
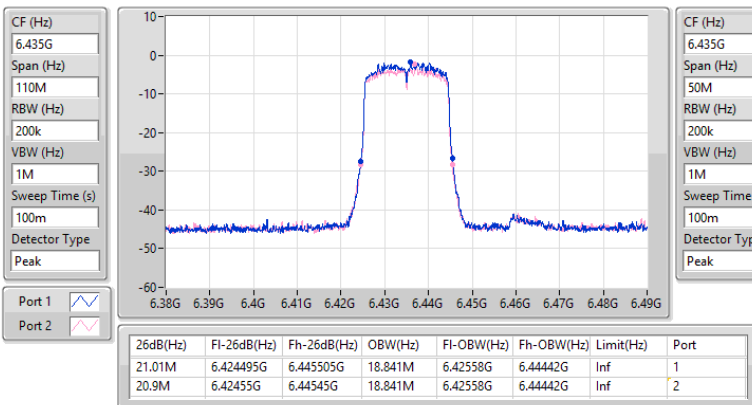


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
6415MHz

01/08/2023

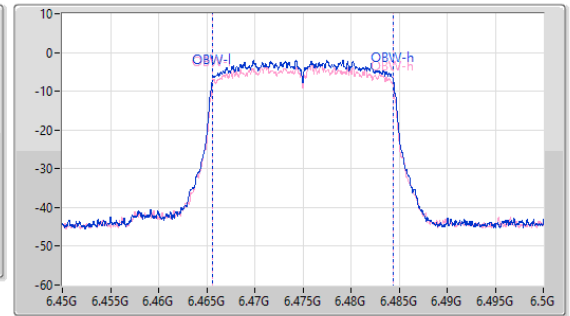
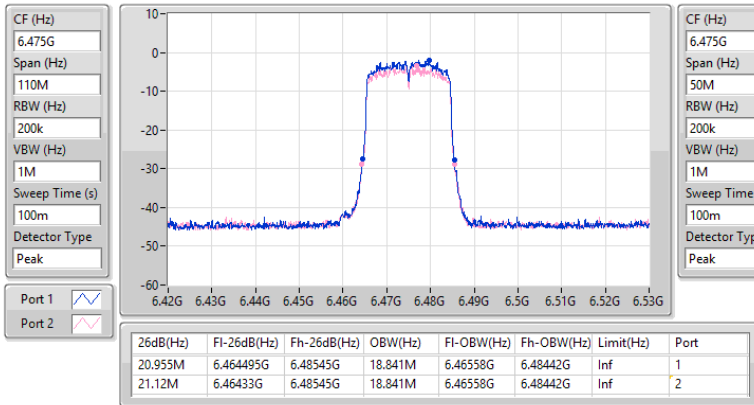

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
6435MHz

01/08/2023

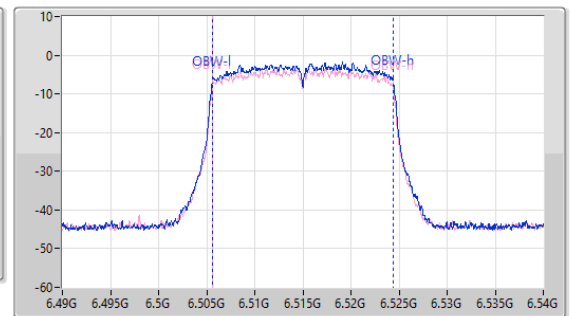
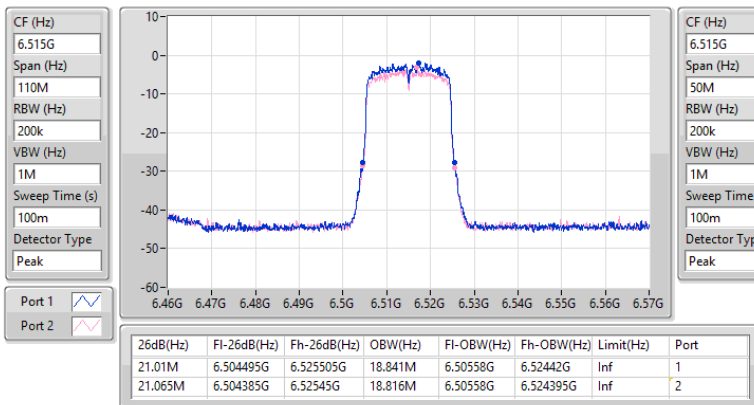


6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
6475MHz

01/08/2023

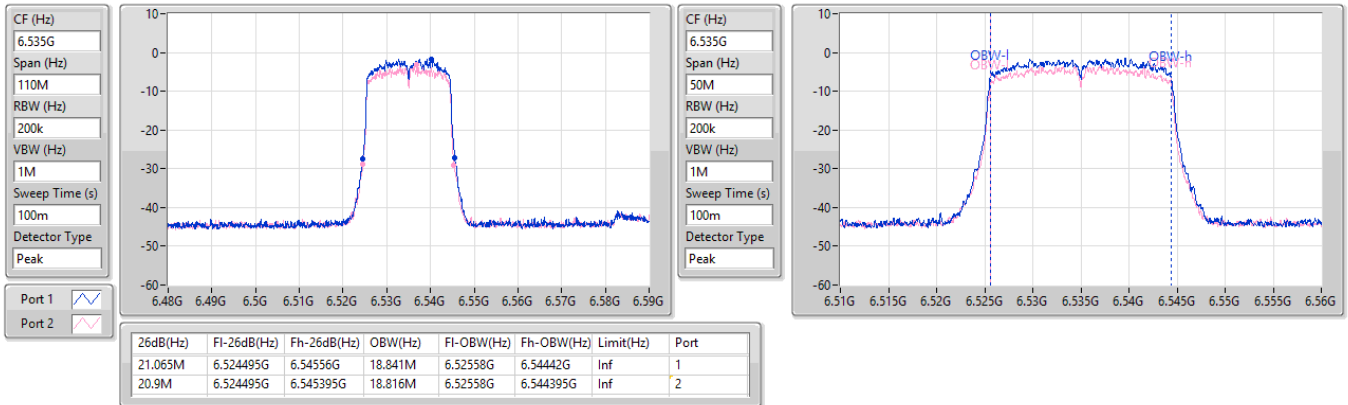

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
6515MHz

01/08/2023

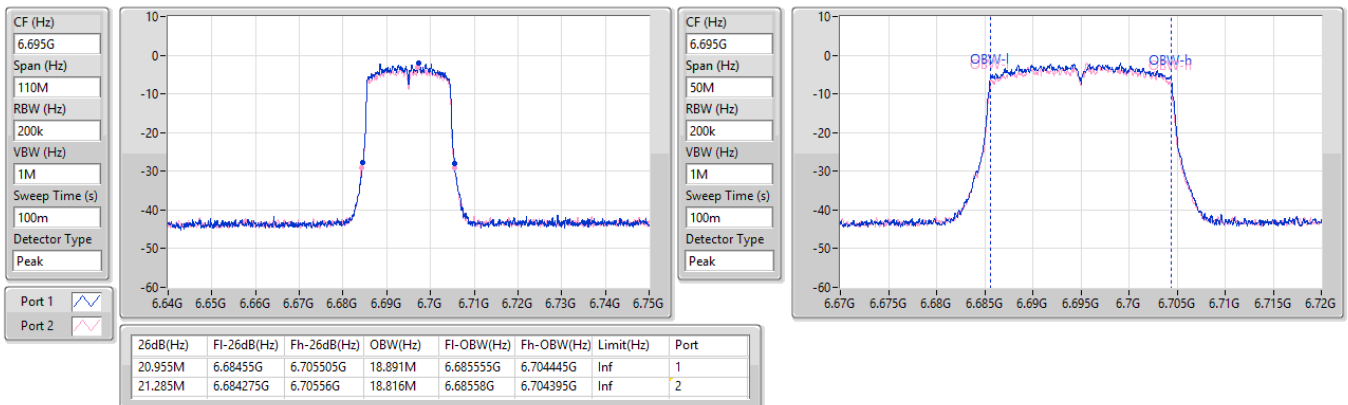


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
6535MHz

01/08/2023

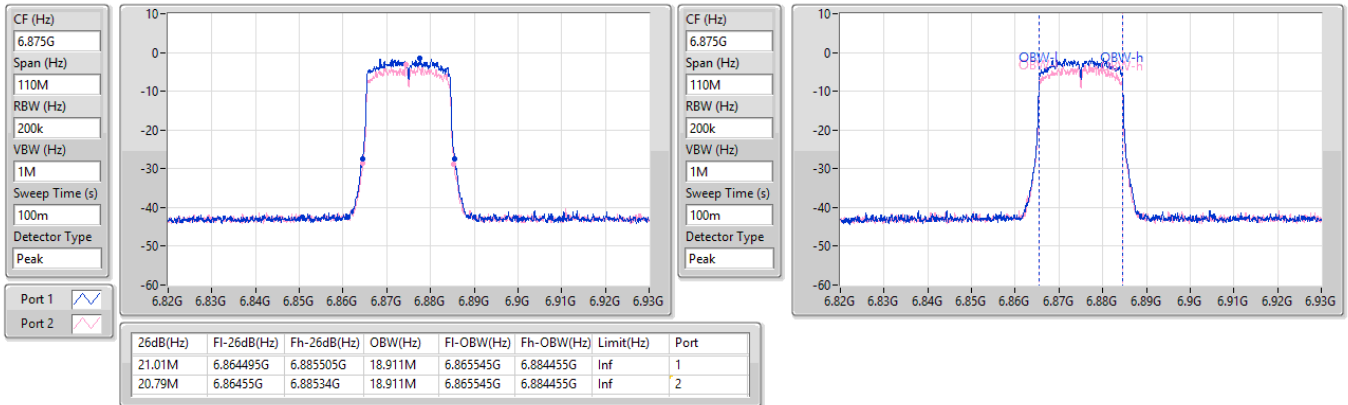

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
6695MHz

01/08/2023

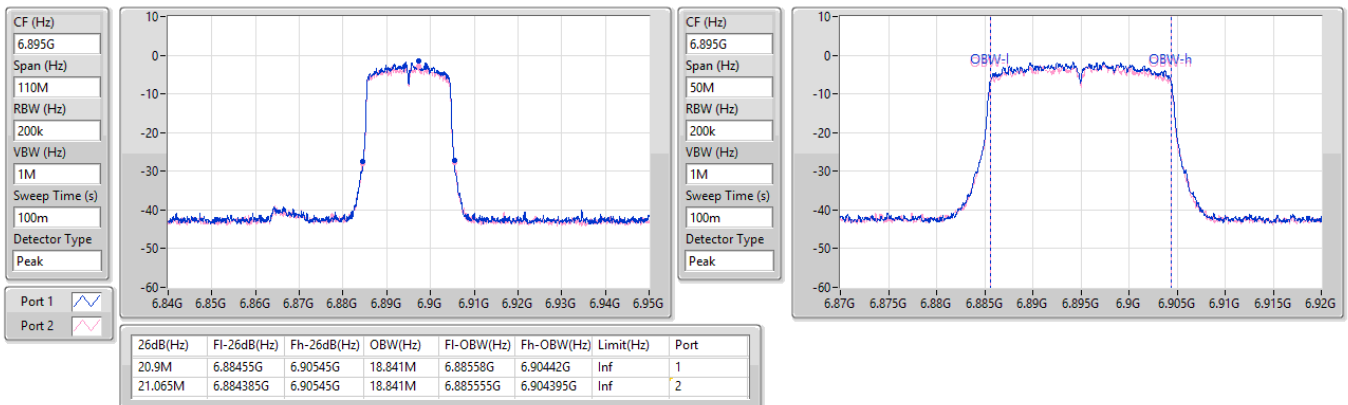


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
6875MHz Straddle 6.525-6.875GHz

01/08/2023

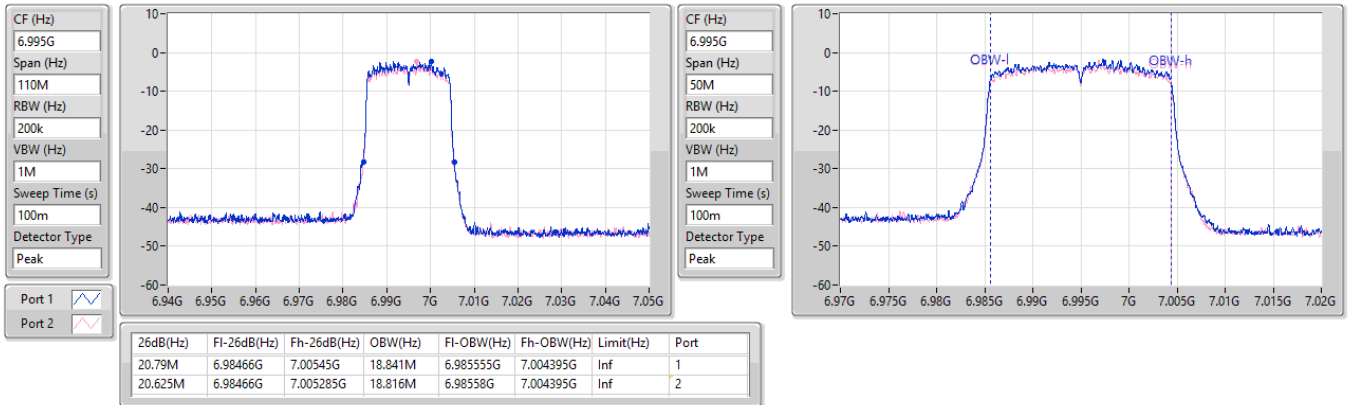

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
6895MHz

01/08/2023

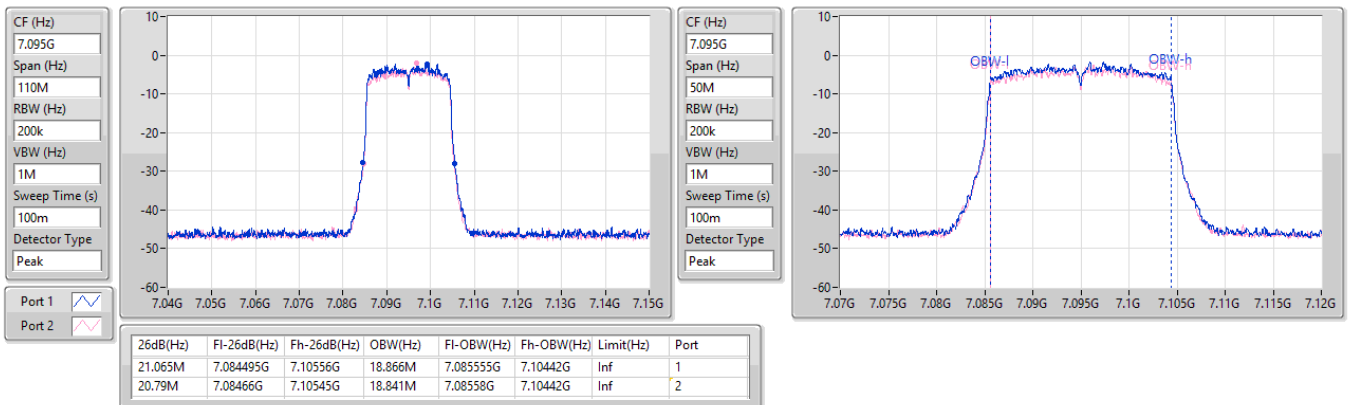


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
6995MHz

01/08/2023

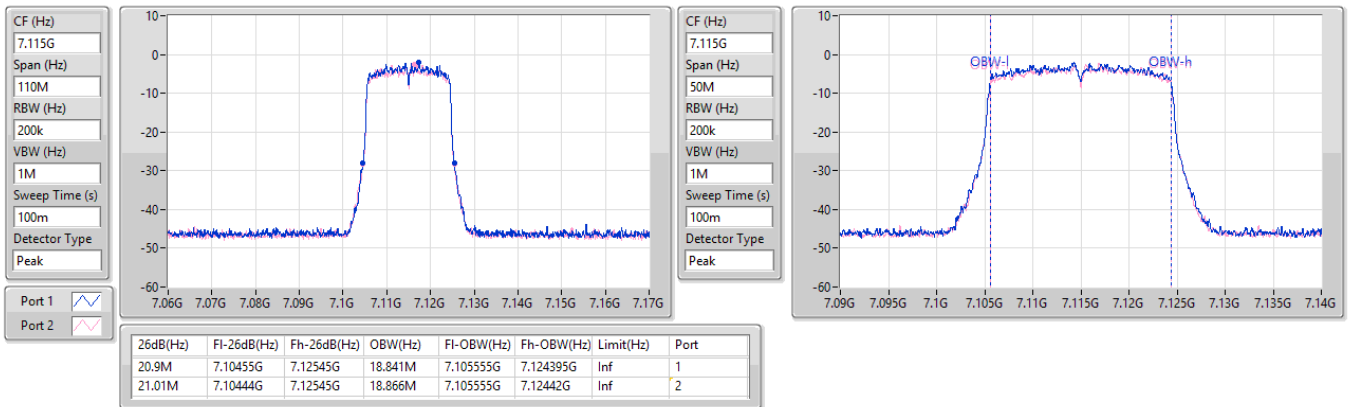

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
7095MHz

01/08/2023

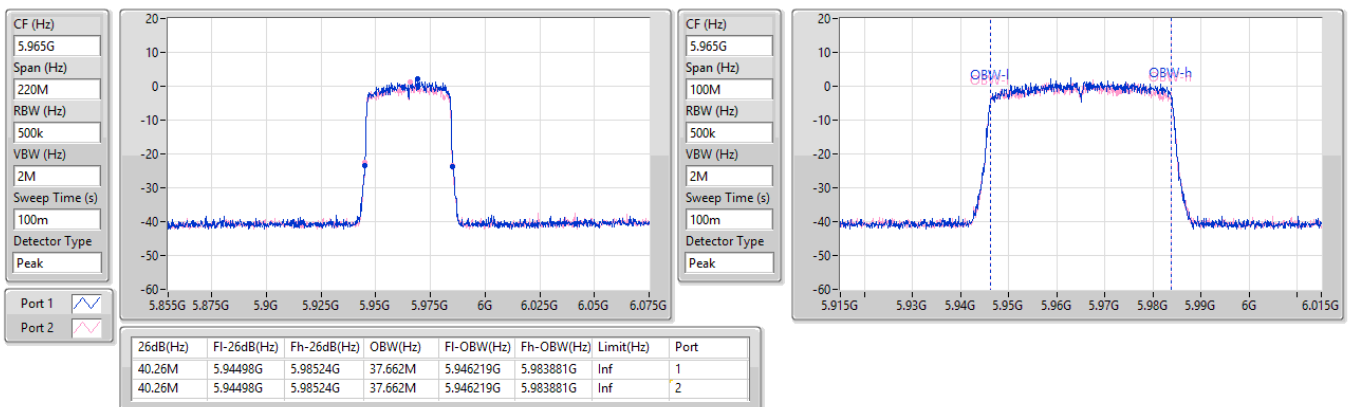


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
7115MHz

01/08/2023

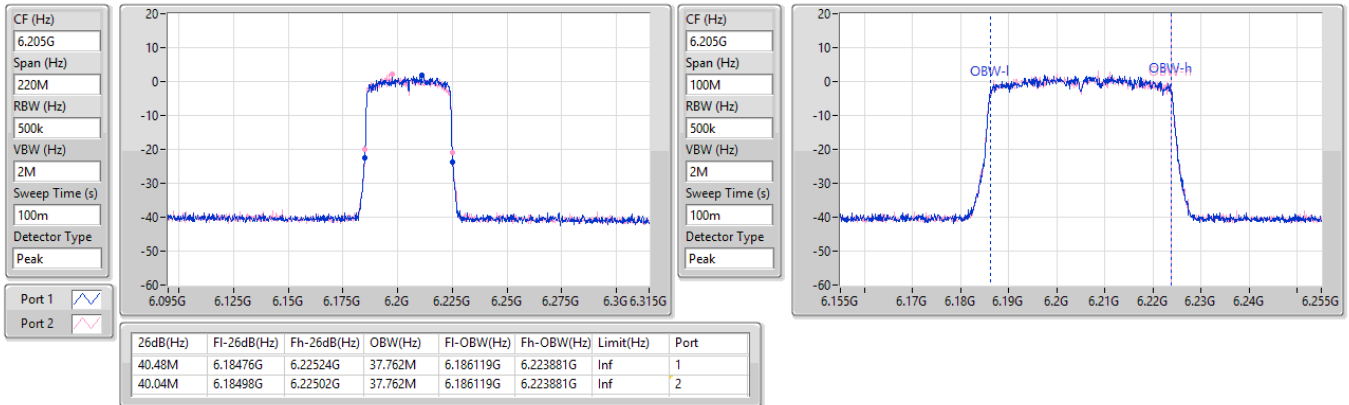

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5965MHz

01/08/2023

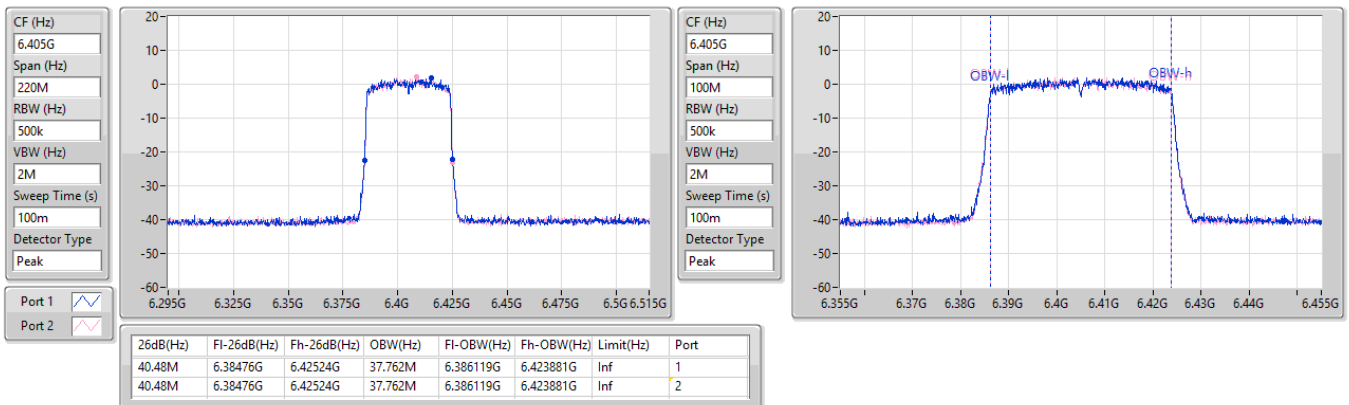


5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
6205MHz

01/08/2023

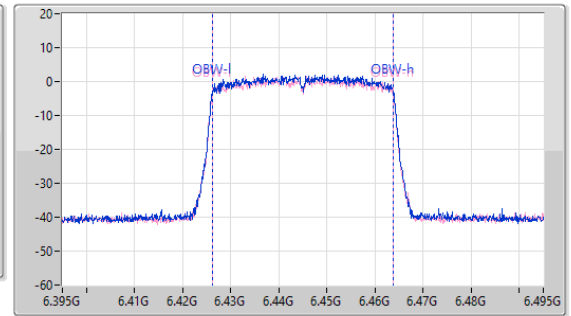
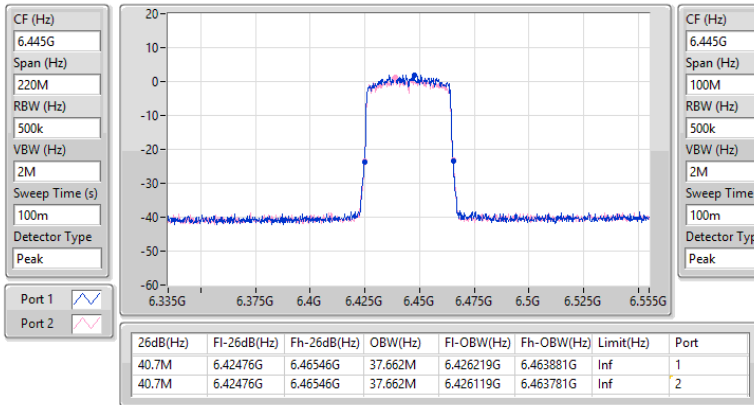

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
6405MHz

01/08/2023

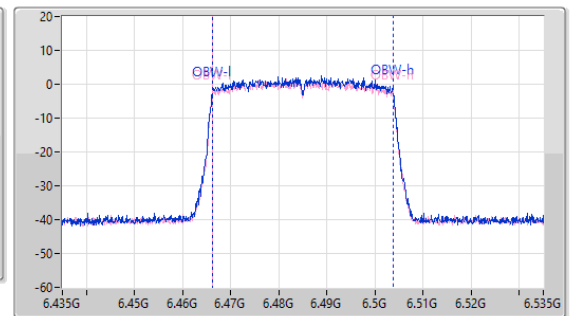
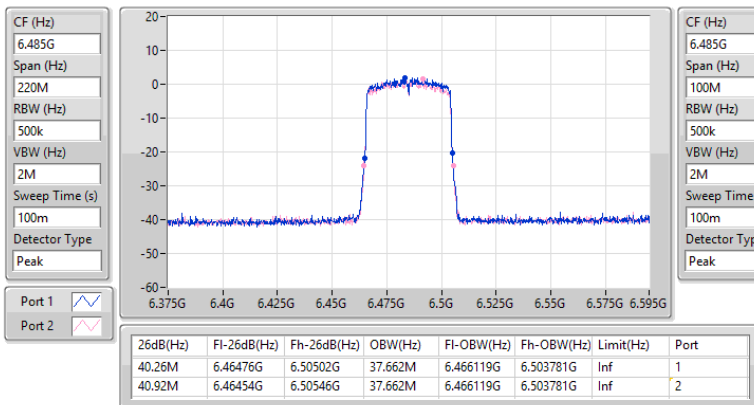


6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
6445MHz

01/08/2023

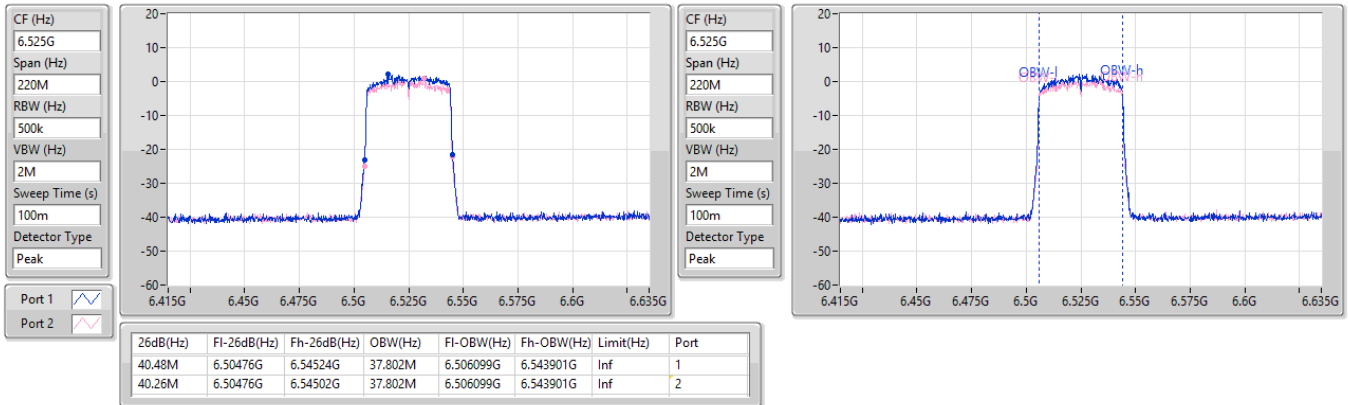

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
6485MHz

01/08/2023

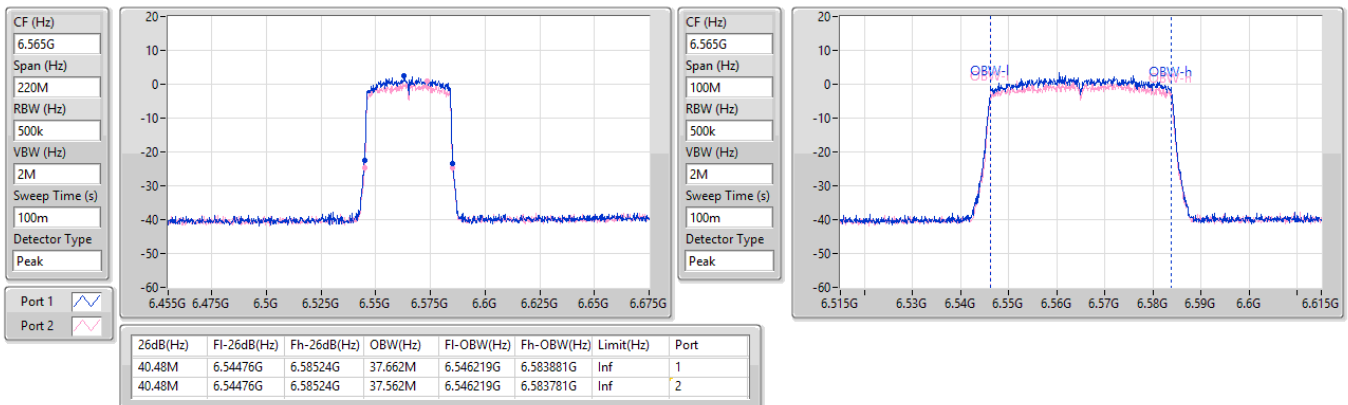


6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
6525MHz Straddle 6.425-6.525GHz

01/08/2023

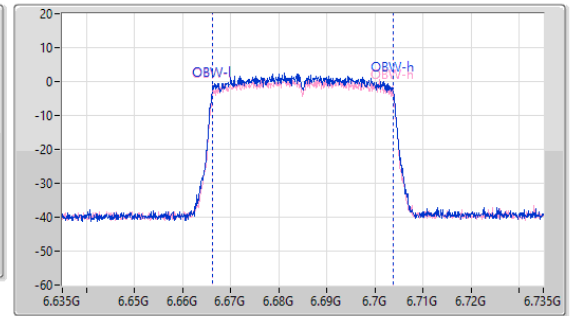
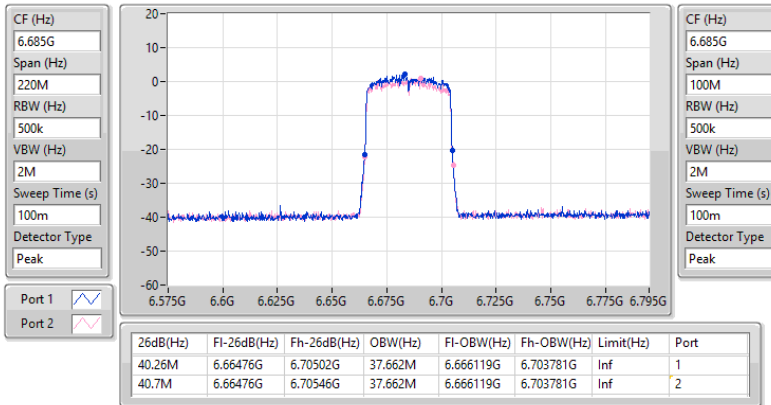

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
6565MHz

01/08/2023

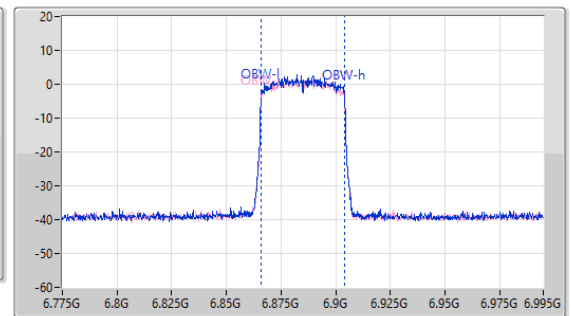
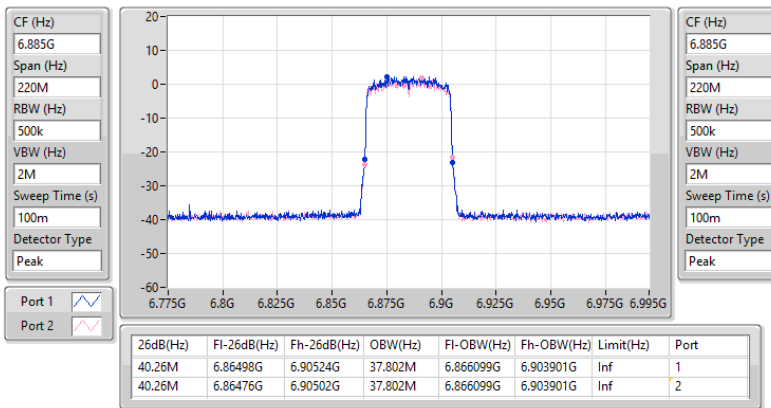


6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
6685MHz

01/08/2023

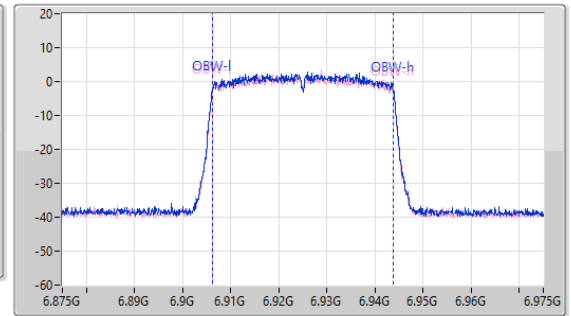
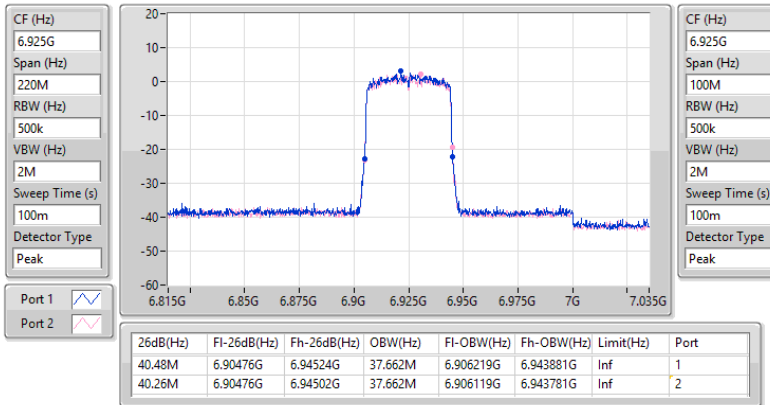

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
6885MHz Straddle 6.525-6.875GHz

01/08/2023

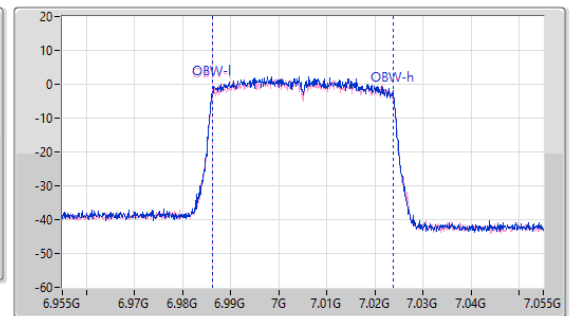
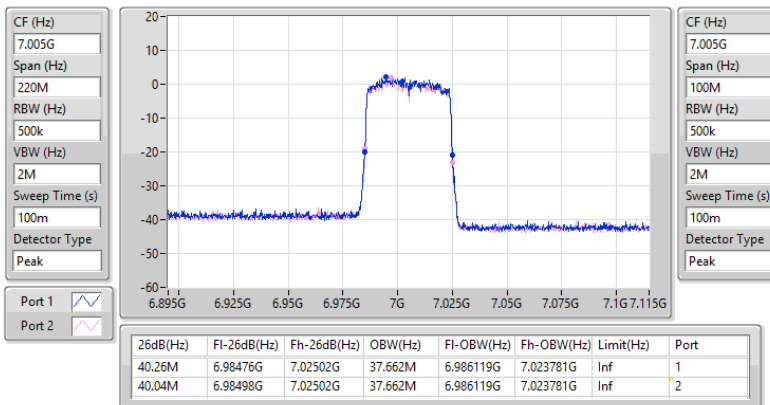


6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
6925MHz

01/08/2023

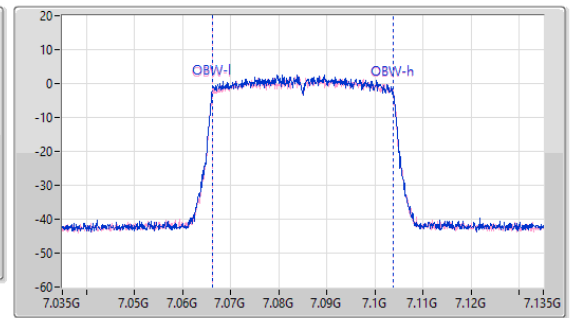
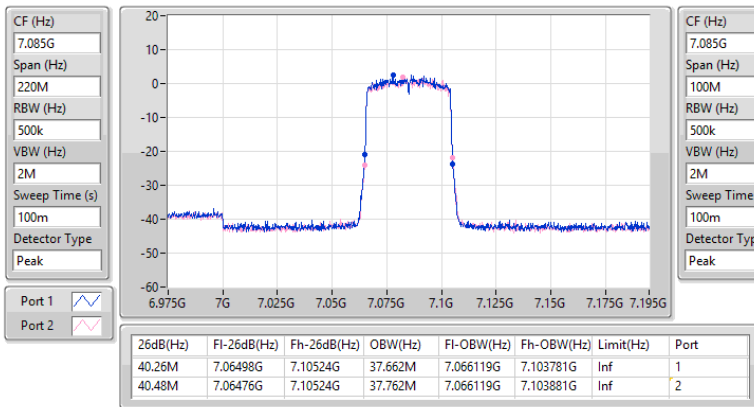

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
7005MHz

01/08/2023

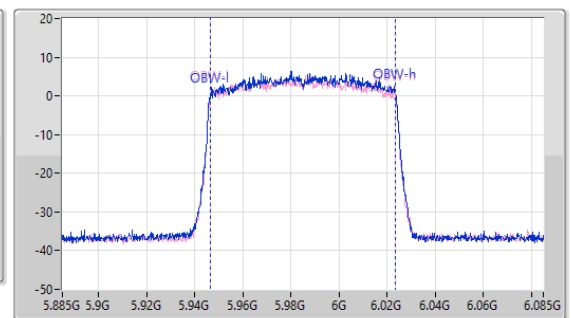
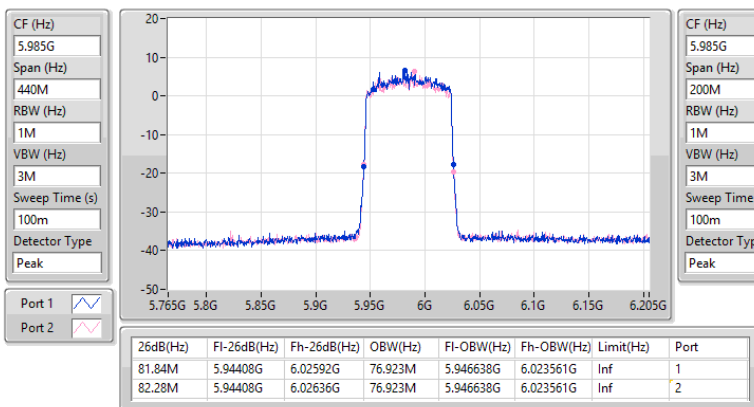


6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
7085MHz

01/08/2023

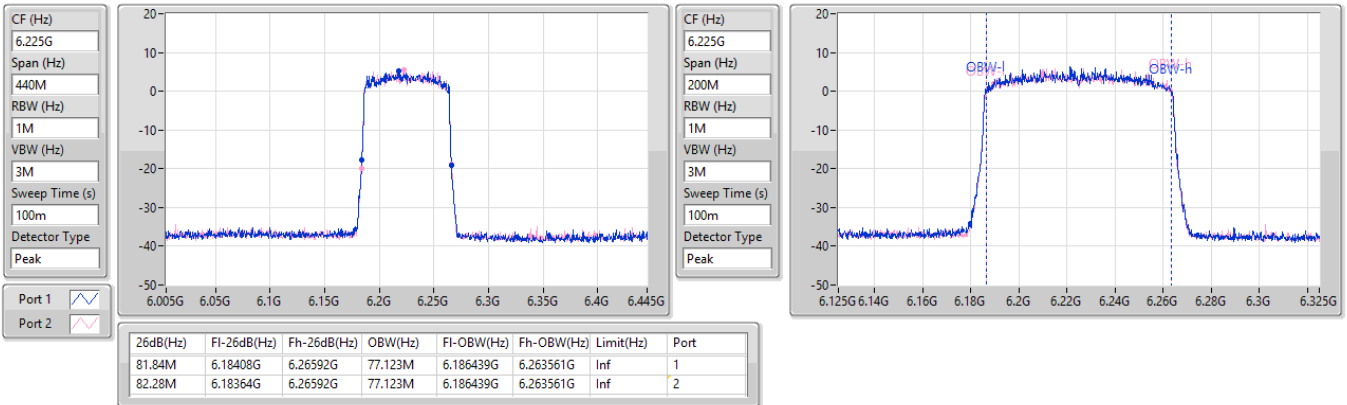

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5985MHz

01/08/2023

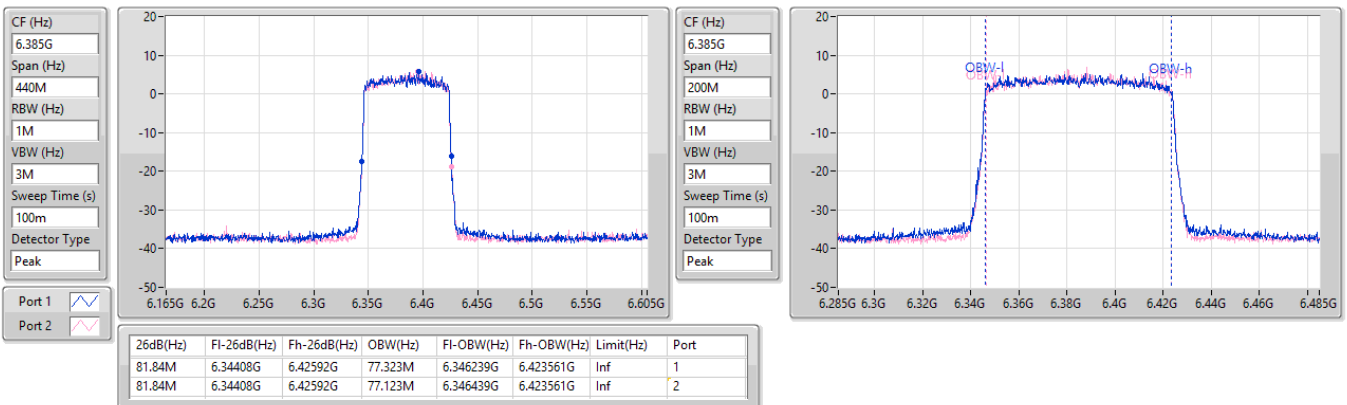


5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
6225MHz

01/08/2023

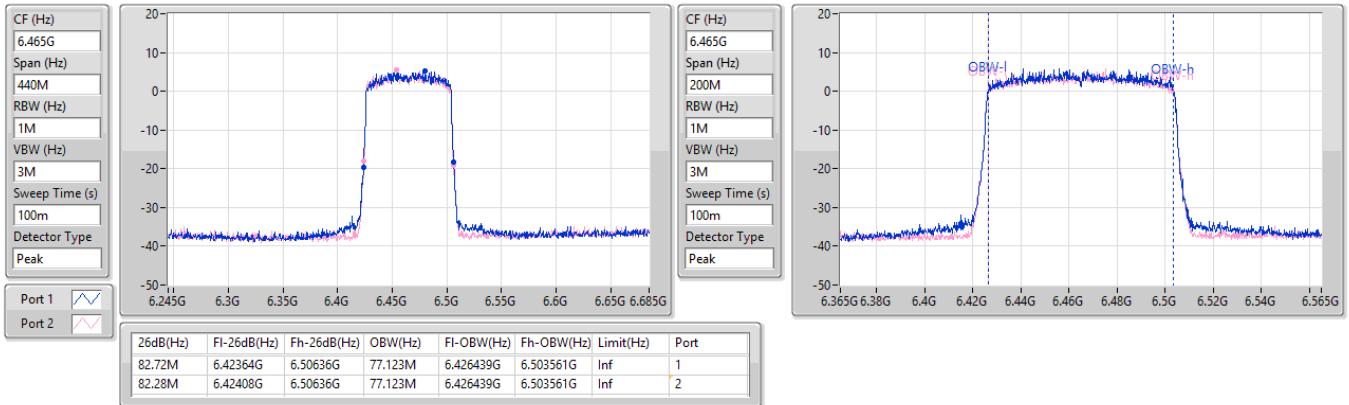

5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
6385MHz

01/08/2023

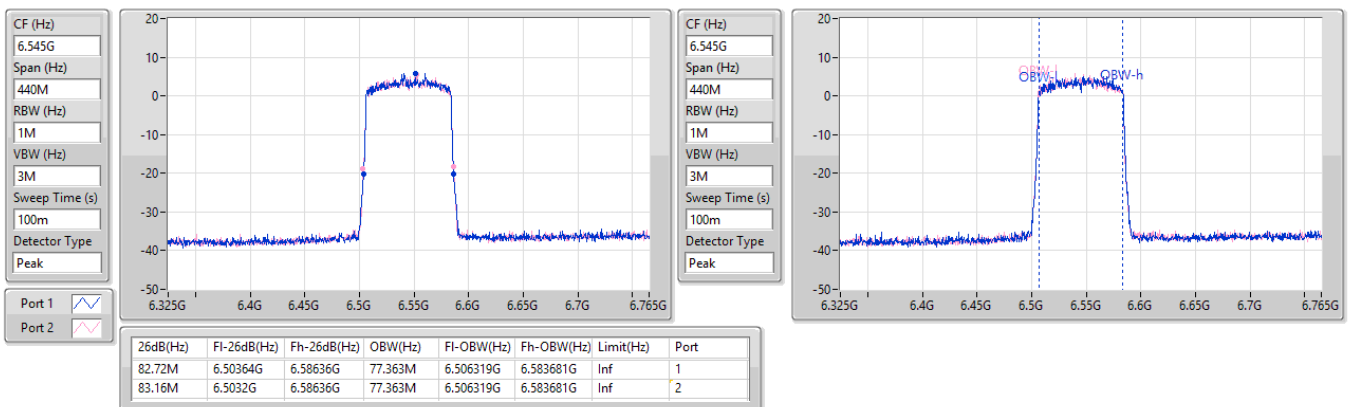


6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
6465MHz

01/08/2023

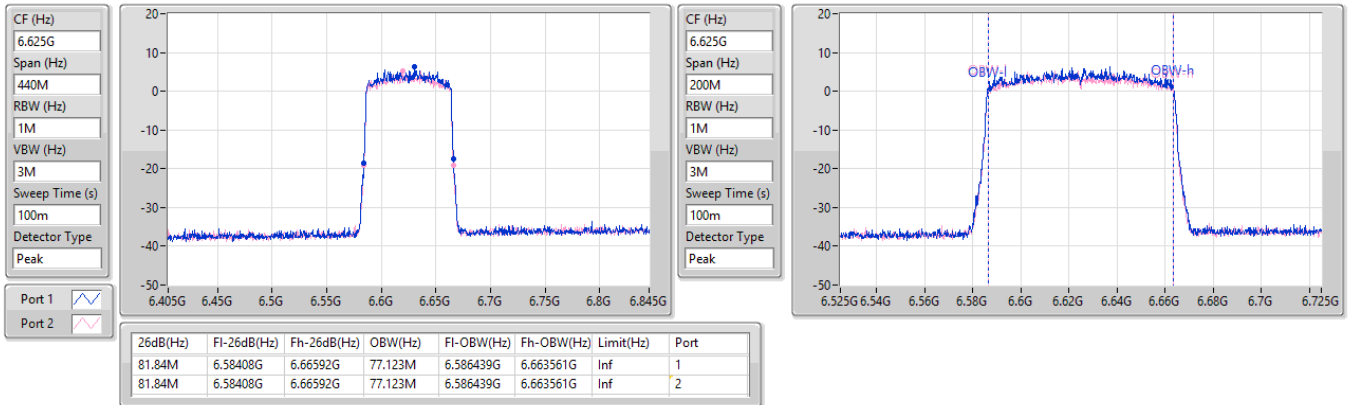

6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
6545MHz Straddle 6.425-6.525GHz

01/08/2023

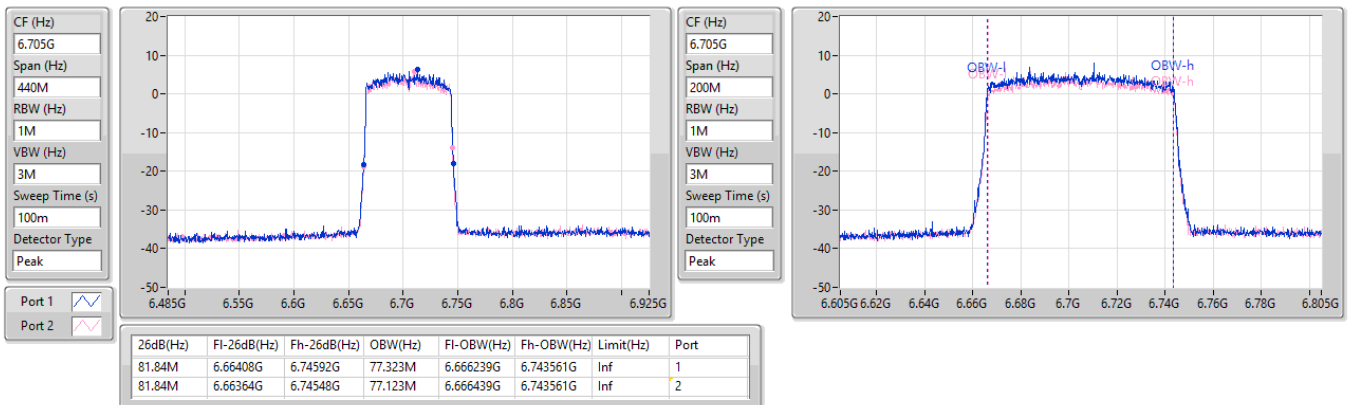


6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
6625MHz

01/08/2023

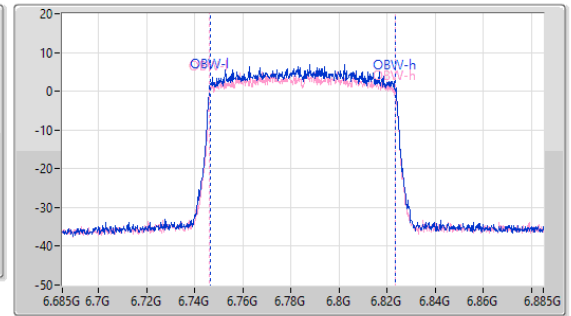
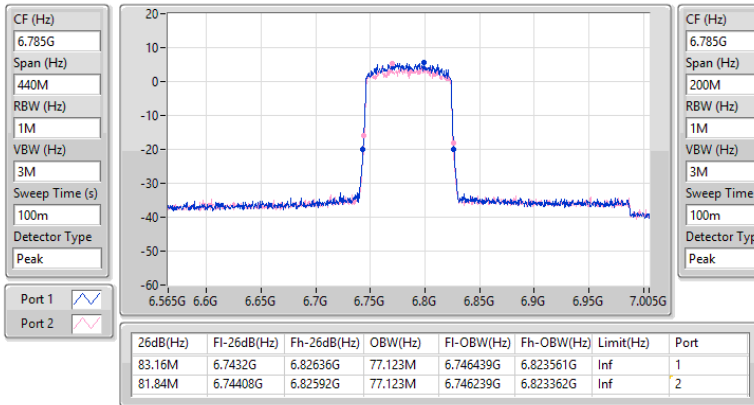

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
6705MHz

01/08/2023

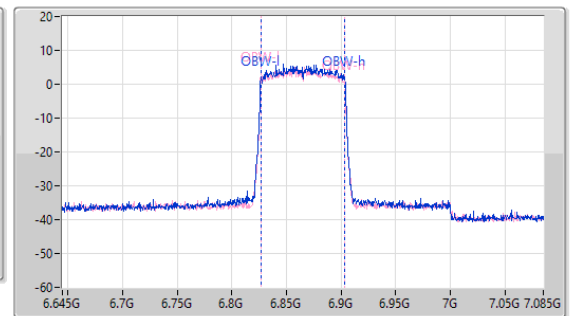
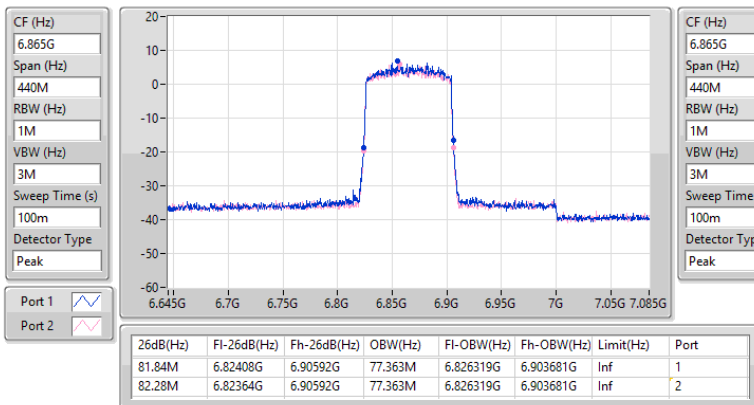


6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
6785MHz

01/08/2023

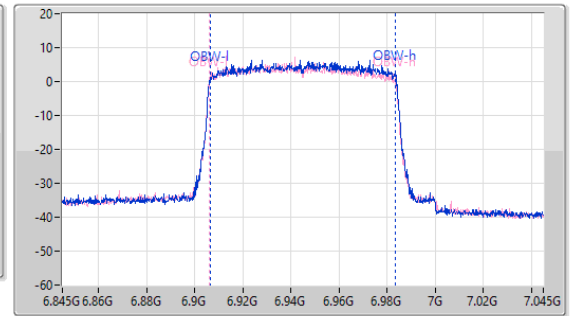
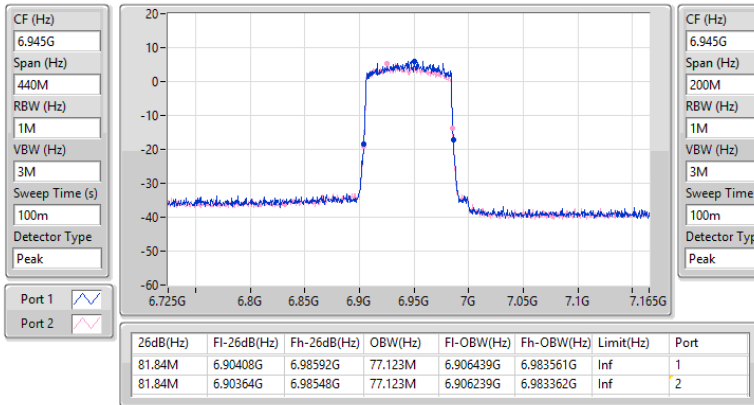

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
6865MHz Straddle 6.525-6.875GHz

01/08/2023

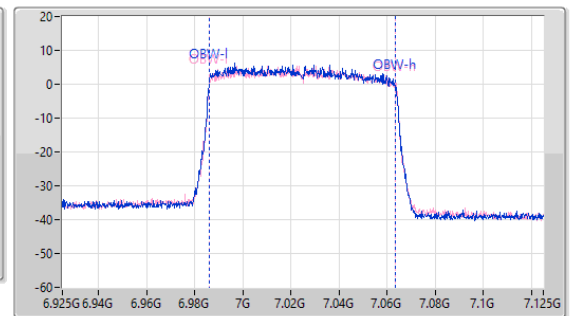
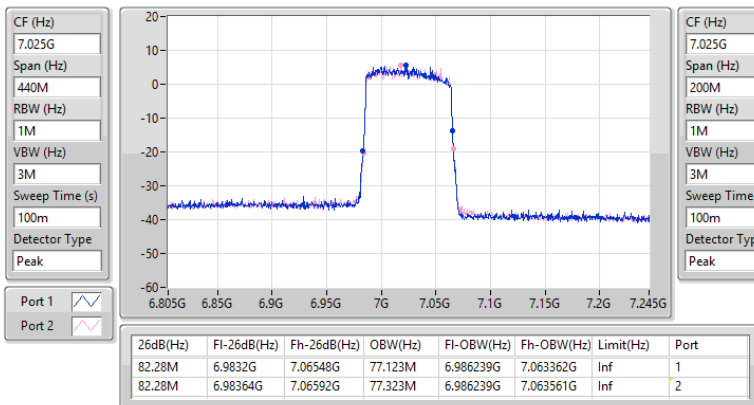


6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
6945MHz

01/08/2023

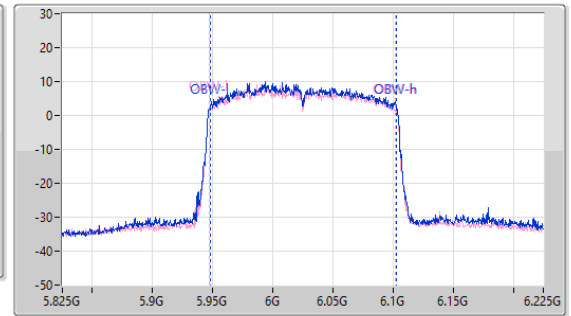
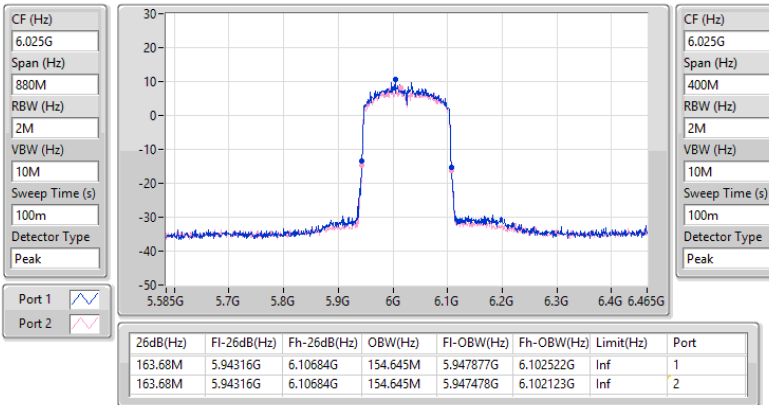

6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
7025MHz

01/08/2023

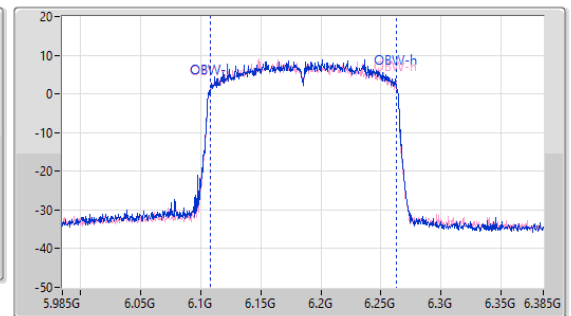
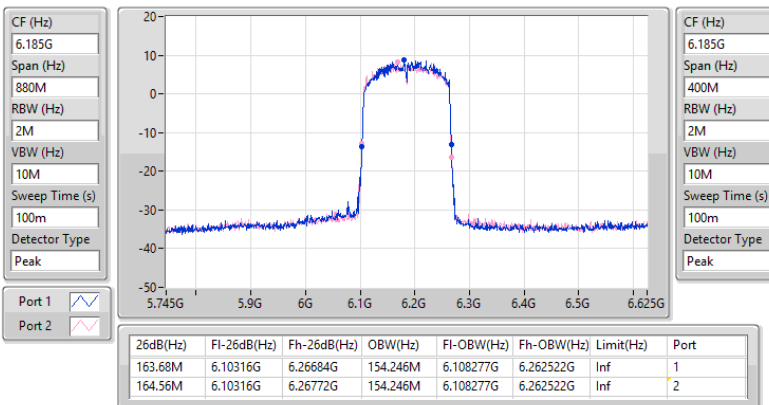


5.925-6.425GHz_802.11ax_HEW160_Nss1,(MCS0)_2TX
EBW
6025MHz

01/08/2023

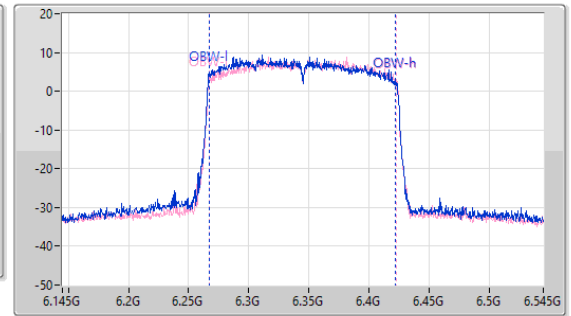
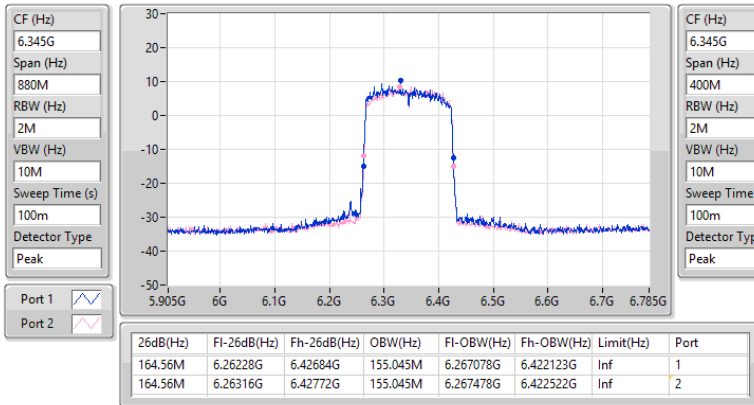

5.925-6.425GHz_802.11ax_HEW160_Nss1,(MCS0)_2TX
EBW
6185MHz

01/08/2023

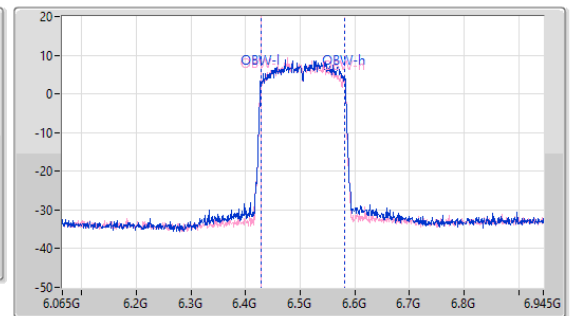
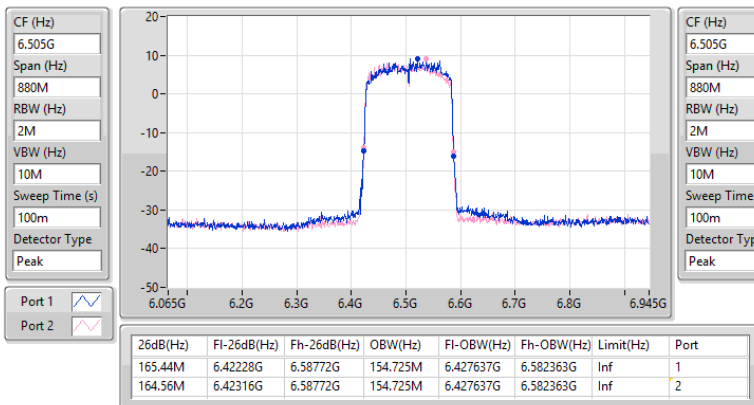


5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_2TX
EBW
6345MHz

01/08/2023

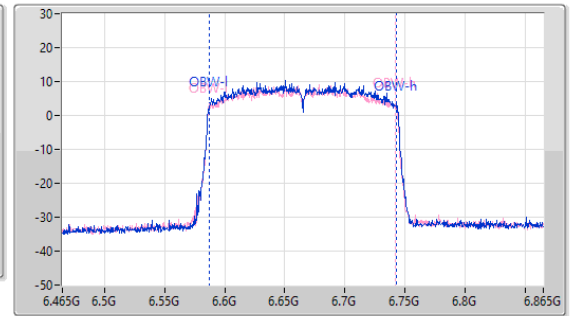
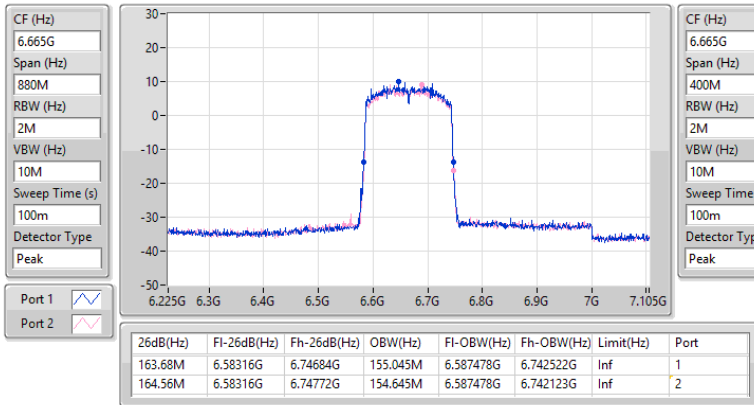

6.425-6.525GHz_802.11ax HEW160_Nss1,(MCS0)_2TX
EBW
6505MHz Straddle 6.425-6.525GHz

01/08/2023

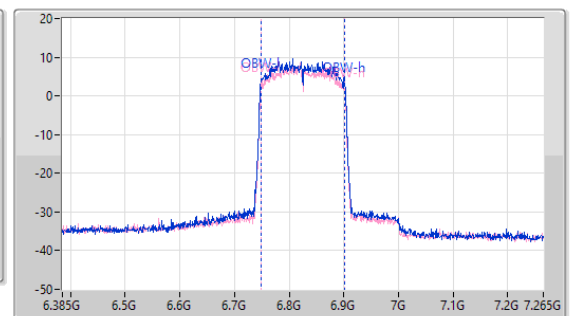
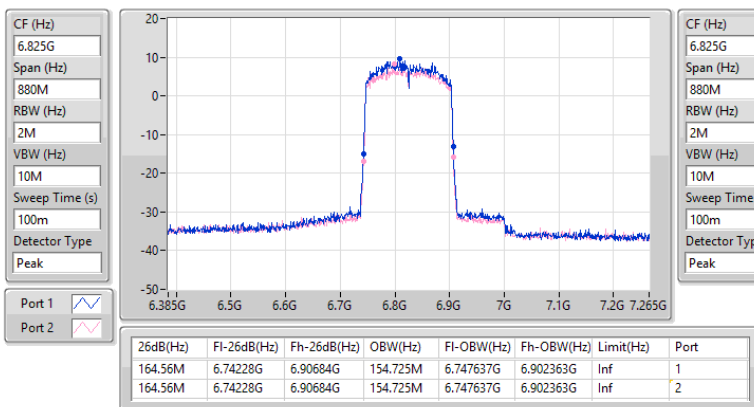


6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_2TX
EBW
6665MHz

01/08/2023


6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_2TX
EBW
6825MHz Straddle 6.525-6.875GHz

01/08/2023

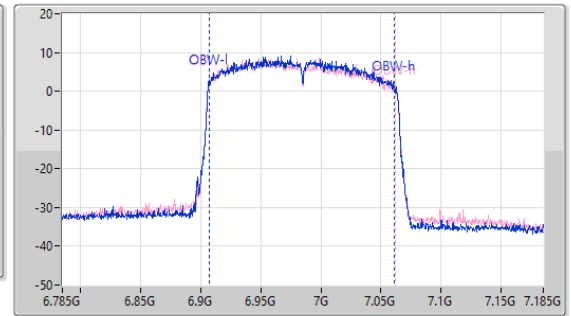
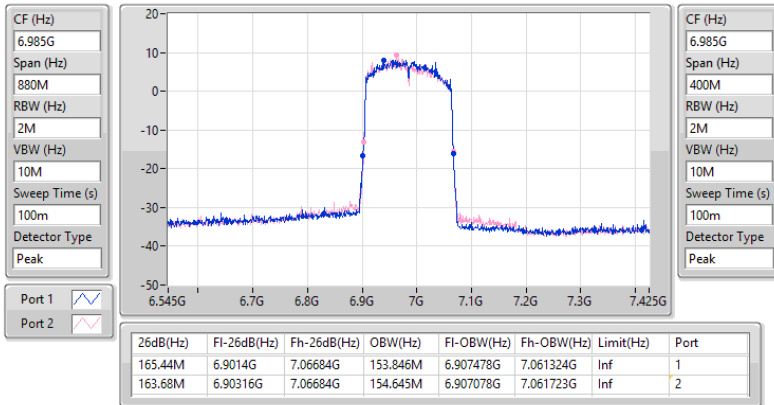


6.875-7.125GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

6985MHz

01/08/2023



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	9.08	0.00809	15.01	0.03170
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	9.08	0.00809	18.02	0.06339
802.11ax HEW40_Nss1,(MCS0)_2TX	11.79	0.01510	17.72	0.05916
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	11.79	0.01510	20.73	0.11830
802.11ax HEW80_Nss1,(MCS0)_2TX	15.19	0.03304	21.12	0.12942
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	15.19	0.03304	24.13	0.25882
802.11ax HEW160_Nss1,(MCS0)_2TX	17.65	0.05821	23.58	0.22803
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	17.65	0.05821	26.59	0.45604
6.425-6.525GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	9.09	0.00811	15.08	0.03221
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	9.09	0.00811	18.09	0.06442
802.11ax HEW40_Nss1,(MCS0)_2TX	11.57	0.01435	17.56	0.05702
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	11.57	0.01435	20.57	0.11402
802.11ax HEW80_Nss1,(MCS0)_2TX	14.94	0.03119	20.93	0.12388
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	14.94	0.03119	23.94	0.24774
802.11ax HEW160_Nss1,(MCS0)_2TX	17.58	0.05728	23.57	0.22751
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	17.58	0.05728	26.58	0.45499
6.525-6.875GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	9.04	0.00802	15.03	0.03184
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	9.04	0.00802	18.04	0.06368
802.11ax HEW40_Nss1,(MCS0)_2TX	11.89	0.01545	17.88	0.06138
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	11.89	0.01545	20.89	0.12274
802.11ax HEW80_Nss1,(MCS0)_2TX	15.22	0.03327	21.21	0.13213
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	15.22	0.03327	24.22	0.26424
802.11ax HEW160_Nss1,(MCS0)_2TX	17.83	0.06067	23.82	0.24099
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	17.83	0.06067	26.83	0.48195
6.875-7.125GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	10.03	0.01007	16.01	0.03990
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	10.03	0.01007	18.82	0.07621
802.11ax HEW40_Nss1,(MCS0)_2TX	13.13	0.02056	19.11	0.08147
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	13.13	0.02056	21.92	0.15560
802.11ax HEW80_Nss1,(MCS0)_2TX	15.85	0.03846	21.83	0.15241
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	15.85	0.03846	24.64	0.29107
802.11ax HEW160_Nss1,(MCS0)_2TX	17.48	0.05598	23.46	0.22182
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	17.48	0.05598	26.27	0.42364

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5955MHz	Pass	5.93	6.02	5.81	8.93	14.86	30.00
6195MHz	Pass	5.93	6.02	6.11	9.08	15.01	30.00
6415MHz	Pass	5.93	5.91	5.46	8.70	14.63	30.00
6435MHz	Pass	5.99	6.53	5.58	9.09	15.08	30.00
6475MHz	Pass	5.99	6.07	5.13	8.64	14.63	30.00
6515MHz	Pass	5.99	6.41	5.03	8.78	14.77	30.00
6535MHz	Pass	5.99	6.36	5.05	8.76	14.75	30.00
6695MHz	Pass	5.99	6.26	5.64	8.97	14.96	30.00
6875MHz Straddle 6.525-6.875GHz	Pass	5.99	6.81	5.08	9.04	15.03	30.00
6895MHz	Pass	5.98	6.53	5.89	9.23	15.21	30.00
6995MHz	Pass	5.98	6.27	5.66	8.99	14.97	30.00
7095MHz	Pass	5.98	7.4	6.6	10.03	16.01	30.00
7115MHz	Pass	5.98	7.18	6.55	9.89	15.87	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5965MHz	Pass	5.93	8.75	8.01	11.41	17.34	30.00
6205MHz	Pass	5.93	8.72	8.52	11.63	17.56	30.00
6405MHz	Pass	5.93	8.83	8.73	11.79	17.72	30.00
6445MHz	Pass	5.99	8.82	8.28	11.57	17.56	30.00
6485MHz	Pass	5.99	8.69	8.18	11.45	17.44	30.00
6525MHz Straddle 6.425-6.525GHz	Pass	5.99	8.99	7.57	11.35	17.34	30.00
6565MHz	Pass	5.99	9.08	7.4	11.33	17.32	30.00
6685MHz	Pass	5.99	8.98	7.88	11.48	17.47	30.00
6885MHz Straddle 6.525-6.875GHz	Pass	5.99	9.24	8.48	11.89	17.88	30.00
6925MHz	Pass	5.98	8.5	8.82	11.67	17.65	30.00
7005MHz	Pass	5.98	9.17	8.64	11.92	17.90	30.00
7085MHz	Pass	5.98	10.39	9.83	13.13	19.11	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5985MHz	Pass	5.93	12.18	11.38	14.81	20.74	30.00
6225MHz	Pass	5.93	12.04	11.85	14.96	20.89	30.00
6385MHz	Pass	5.93	12.22	12.13	15.19	21.12	30.00
6465MHz	Pass	5.99	12.09	11.67	14.90	20.89	30.00
6545MHz Straddle 6.425-6.525GHz	Pass	5.99	12.05	11.8	14.94	20.93	30.00
6625MHz	Pass	5.99	12.15	11.58	14.88	20.87	30.00
6705MHz	Pass	5.99	12.41	11.38	14.94	20.93	30.00
6785MHz	Pass	5.99	12.74	11.45	15.15	21.14	30.00
6865MHz Straddle 6.525-6.875GHz	Pass	5.99	12.62	11.75	15.22	21.21	30.00
6945MHz	Pass	5.98	12.51	11.95	15.25	21.23	30.00
7025MHz	Pass	5.98	13	12.67	15.85	21.83	30.00
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
6025MHz	Pass	5.93	14.96	13.96	17.50	23.43	30.00
6185MHz	Pass	5.93	14.41	14.25	17.34	23.27	30.00
6345MHz	Pass	5.93	14.78	14.5	17.65	23.58	30.00
6505MHz Straddle 6.425-6.525GHz	Pass	5.99	14.77	14.35	17.58	23.57	30.00
6665MHz	Pass	5.99	15.14	14.48	17.83	23.82	30.00
6825MHz Straddle 6.525-6.875GHz	Pass	5.99	14.99	13.76	17.43	23.42	30.00
6985MHz	Pass	5.98	14.62	14.31	17.48	23.46	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5955MHz	Pass	8.94	6.02	5.81	8.93	17.87	30.00
6195MHz	Pass	8.94	6.02	6.11	9.08	18.02	30.00
6415MHz	Pass	8.94	5.91	5.46	8.70	17.64	30.00
6435MHz	Pass	9.00	6.53	5.58	9.09	18.09	30.00
6475MHz	Pass	9.00	6.07	5.13	8.64	17.64	30.00

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
6515MHz	Pass	9.00	6.41	5.03	8.78	17.78	30.00
6535MHz	Pass	9.00	6.36	5.05	8.76	17.76	30.00
6695MHz	Pass	9.00	6.26	5.64	8.97	17.97	30.00
6875MHz Straddle 6.525-6.875GHz	Pass	9.00	6.81	5.08	9.04	18.04	30.00
6895MHz	Pass	8.79	6.53	5.89	9.23	18.02	30.00
6995MHz	Pass	8.79	6.27	5.66	8.99	17.78	30.00
7095MHz	Pass	8.79	7.4	6.6	10.03	18.82	30.00
7115MHz	Pass	8.79	7.18	6.55	9.89	18.68	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5965MHz	Pass	8.94	8.75	8.01	11.41	20.35	30.00
6205MHz	Pass	8.94	8.72	8.52	11.63	20.57	30.00
6405MHz	Pass	8.94	8.83	8.73	11.79	20.73	30.00
6445MHz	Pass	9.00	8.82	8.28	11.57	20.57	30.00
6485MHz	Pass	9.00	8.69	8.18	11.45	20.45	30.00
6525MHz Straddle 6.425-6.525GHz	Pass	9.00	8.99	7.57	11.35	20.35	30.00
6565MHz	Pass	9.00	9.08	7.4	11.33	20.33	30.00
6685MHz	Pass	9.00	8.98	7.88	11.48	20.48	30.00
6885MHz Straddle 6.525-6.875GHz	Pass	9.00	9.24	8.48	11.89	20.89	30.00
6925MHz	Pass	8.79	8.5	8.82	11.67	20.46	30.00
7005MHz	Pass	8.79	9.17	8.64	11.92	20.71	30.00
7085MHz	Pass	8.79	10.39	9.83	13.13	21.92	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5985MHz	Pass	8.94	12.18	11.38	14.81	23.75	30.00
6225MHz	Pass	8.94	12.04	11.85	14.96	23.90	30.00
6385MHz	Pass	8.94	12.22	12.13	15.19	24.13	30.00
6465MHz	Pass	9.00	12.09	11.67	14.90	23.90	30.00
6545MHz Straddle 6.425-6.525GHz	Pass	9.00	12.05	11.8	14.94	23.94	30.00
6625MHz	Pass	9.00	12.15	11.58	14.88	23.88	30.00
6705MHz	Pass	9.00	12.41	11.38	14.94	23.94	30.00
6785MHz	Pass	9.00	12.74	11.45	15.15	24.15	30.00
6865MHz Straddle 6.525-6.875GHz	Pass	9.00	12.62	11.75	15.22	24.22	30.00
6945MHz	Pass	8.79	12.51	11.95	15.25	24.04	30.00
7025MHz	Pass	8.79	13	12.67	15.85	24.64	30.00
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
6025MHz	Pass	8.94	14.96	13.96	17.50	26.44	30.00
6185MHz	Pass	8.94	14.41	14.25	17.34	26.28	30.00
6345MHz	Pass	8.94	14.78	14.5	17.65	26.59	30.00
6505MHz Straddle 6.425-6.525GHz	Pass	9.00	14.77	14.35	17.58	26.58	30.00
6665MHz	Pass	9.00	15.14	14.48	17.83	26.83	30.00
6825MHz Straddle 6.525-6.875GHz	Pass	9.00	14.99	13.76	17.43	26.43	30.00
6985MHz	Pass	8.79	14.62	14.31	17.48	26.27	30.00

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

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.925-6.425GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	-3.97	4.97
802.11ax HEW40_Nss1,(MCS0)_2TX	-3.99	4.95
802.11ax HEW80_Nss1,(MCS0)_2TX	-4.08	4.86
802.11ax HEW160_Nss1,(MCS0)_2TX	-3.99	4.95
6.425-6.525GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	-4.01	4.99
802.11ax HEW40_Nss1,(MCS0)_2TX	-4.42	4.58
802.11ax HEW80_Nss1,(MCS0)_2TX	-4.04	4.96
802.11ax HEW160_Nss1,(MCS0)_2TX	-4.27	4.73
6.525-6.875GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	-4.05	4.95
802.11ax HEW40_Nss1,(MCS0)_2TX	-4.01	4.99
802.11ax HEW80_Nss1,(MCS0)_2TX	-4.01	4.99
802.11ax HEW160_Nss1,(MCS0)_2TX	-4.09	4.91
6.875-7.125GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	-3.88	4.91
802.11ax HEW40_Nss1,(MCS0)_2TX	-3.85	4.94
802.11ax HEW80_Nss1,(MCS0)_2TX	-3.85	4.94
802.11ax HEW160_Nss1,(MCS0)_2TX	-4.27	4.52

RBW = 500kHz 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)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	8.94	-6.92	-6.83	-3.97	Inf	4.97	5.00
6195MHz	Pass	8.94	-7.09	-6.99	-4.06	Inf	4.88	5.00
6415MHz	Pass	8.94	-7.03	-7.60	-4.37	Inf	4.57	5.00
6435MHz	Pass	9.00	-6.56	-7.34	-4.01	Inf	4.99	5.00
6475MHz	Pass	9.00	-6.81	-7.46	-4.26	Inf	4.74	5.00
6515MHz	Pass	9.00	-6.78	-8.05	-4.43	Inf	4.57	5.00
6535MHz	Pass	9.00	-6.37	-7.91	-4.14	Inf	4.86	5.00
6695MHz	Pass	9.00	-6.65	-7.29	-4.22	Inf	4.78	5.00
6875MHz Straddle 6.525-6.875GHz	Pass	9.00	-6.08	-7.95	-4.05	Inf	4.95	5.00
6895MHz	Pass	8.79	-6.43	-7.11	-3.88	Inf	4.91	5.00
6995MHz	Pass	8.79	-6.72	-7.43	-4.22	Inf	4.57	5.00
7095MHz	Pass	8.79	-6.78	-7.51	-4.17	Inf	4.62	5.00
7115MHz	Pass	8.79	-6.78	-7.19	-4.06	Inf	4.73	5.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	8.94	-7.08	-7.37	-4.33	Inf	4.61	5.00
6205MHz	Pass	8.94	-7.18	-7.28	-4.26	Inf	4.68	5.00
6405MHz	Pass	8.94	-6.66	-6.85	-3.99	Inf	4.95	5.00
6445MHz	Pass	9.00	-6.80	-7.35	-4.42	Inf	4.58	5.00
6485MHz	Pass	9.00	-6.54	-7.18	-4.45	Inf	4.55	5.00
6525MHz Straddle 6.425-6.525GHz	Pass	9.00	-6.61	-8.20	-4.45	Inf	4.55	5.00
6565MHz	Pass	9.00	-6.52	-8.31	-4.39	Inf	4.61	5.00
6685MHz	Pass	9.00	-6.92	-7.97	-4.46	Inf	4.54	5.00
6885MHz Straddle 6.525-6.875GHz	Pass	9.00	-6.63	-7.18	-4.01	Inf	4.99	5.00
6925MHz	Pass	8.79	-6.53	-7.08	-3.85	Inf	4.94	5.00
7005MHz	Pass	8.79	-6.79	-7.49	-4.15	Inf	4.64	5.00
7085MHz	Pass	8.79	-6.91	-7.25	-4.10	Inf	4.69	5.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	8.94	-6.66	-7.26	-4.12	Inf	4.82	5.00
6225MHz	Pass	8.94	-7.09	-7.21	-4.20	Inf	4.74	5.00
6385MHz	Pass	8.94	-7.05	-6.92	-4.08	Inf	4.86	5.00
6465MHz	Pass	9.00	-6.94	-7.06	-4.04	Inf	4.96	5.00
6545MHz Straddle 6.425-6.525GHz	Pass	9.00	-6.73	-7.26	-4.08	Inf	4.92	5.00
6625MHz	Pass	9.00	-6.78	-7.45	-4.14	Inf	4.86	5.00
6705MHz	Pass	9.00	-6.77	-7.61	-4.17	Inf	4.83	5.00
6785MHz	Pass	9.00	-6.22	-7.65	-4.01	Inf	4.99	5.00
6865MHz Straddle 6.525-6.875GHz	Pass	9.00	-6.37	-7.33	-4.02	Inf	4.98	5.00
6945MHz	Pass	8.79	-6.56	-7.02	-3.85	Inf	4.94	5.00
7025MHz	Pass	8.79	-6.54	-7.52	-4.06	Inf	4.73	5.00
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
6025MHz	Pass	8.94	-6.18	-7.40	-3.99	Inf	4.95	5.00
6185MHz	Pass	8.94	-7.06	-7.59	-4.43	Inf	4.51	5.00
6345MHz	Pass	8.94	-6.97	-7.39	-4.24	Inf	4.70	5.00
6505MHz Straddle 6.425-6.525GHz	Pass	9.00	-6.90	-7.40	-4.27	Inf	4.73	5.00
6665MHz	Pass	9.00	-6.62	-7.29	-4.09	Inf	4.91	5.00
6825MHz Straddle 6.525-6.875GHz	Pass	9.00	-6.54	-8.04	-4.32	Inf	4.68	5.00
6985MHz	Pass	8.79	-6.81	-7.28	-4.27	Inf	4.52	5.00

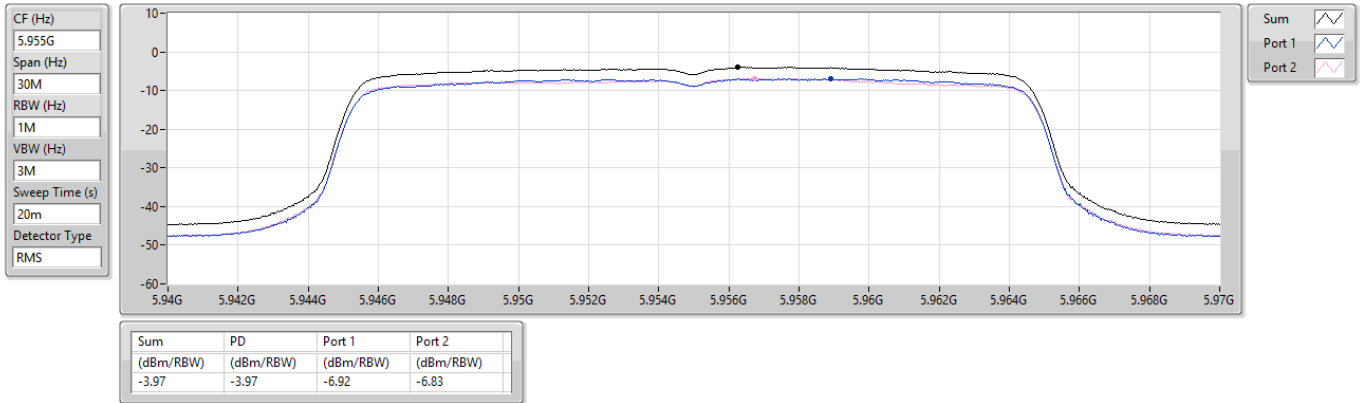
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

5.925-6.425GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

PSD

5955MHz

01/08/2023

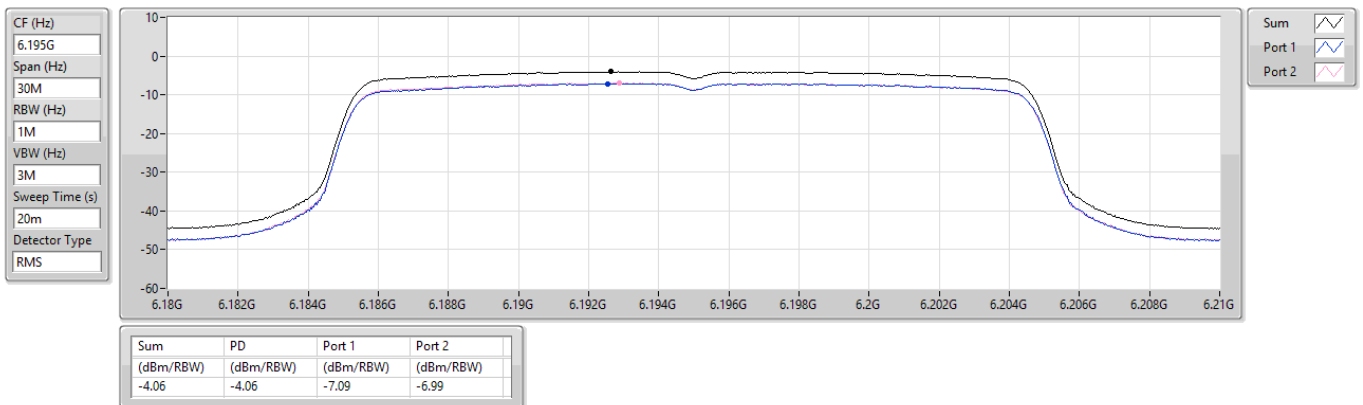


5.925-6.425GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

PSD

6195MHz

01/08/2023

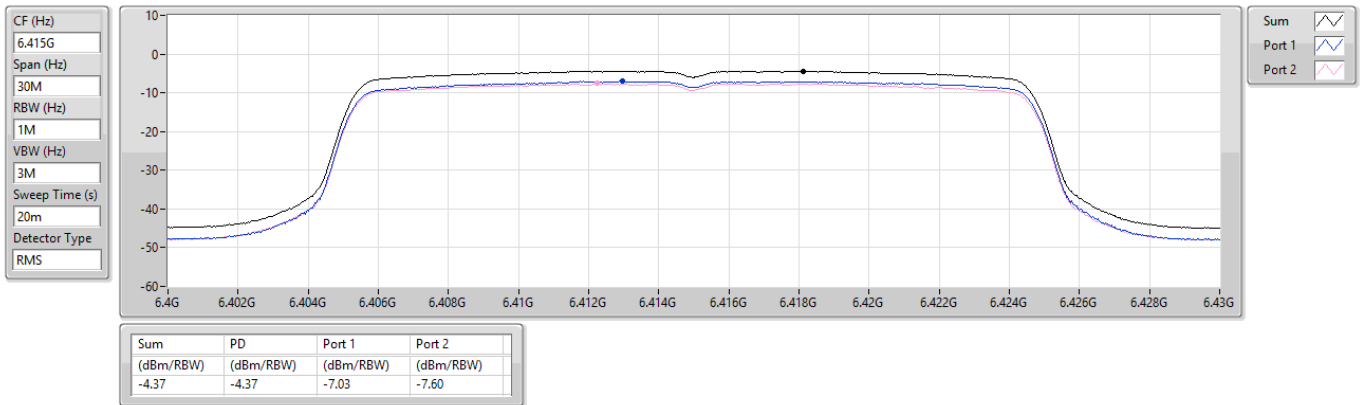


5.925-6.425GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

PSD

6415MHz

01/08/2023

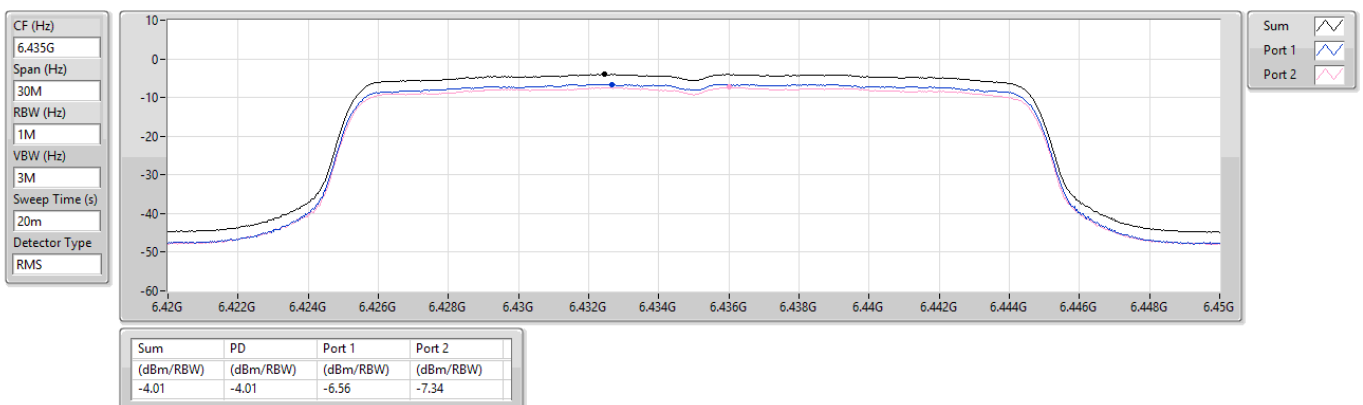


6.425-6.525GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

PSD

6435MHz

01/08/2023

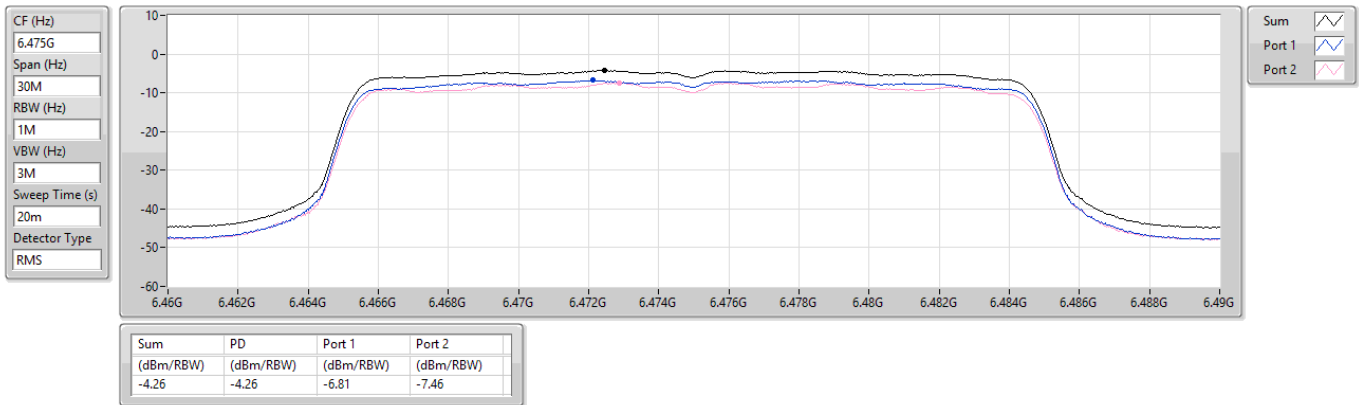


6.425-6.525GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

PSD

6475MHz

01/08/2023

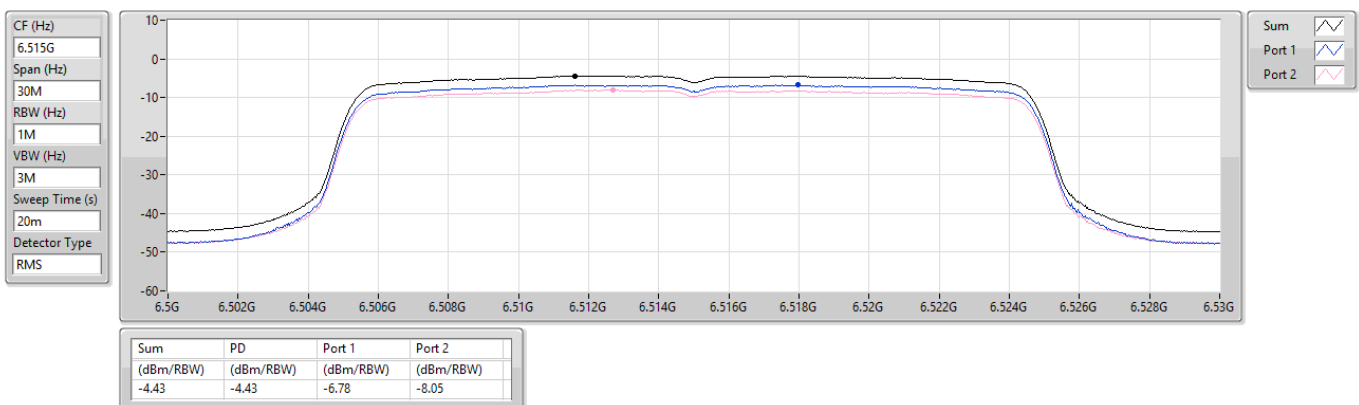


6.425-6.525GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

PSD

6515MHz

01/08/2023



6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

6535MHz

01/08/2023

CF (Hz)
6.535G

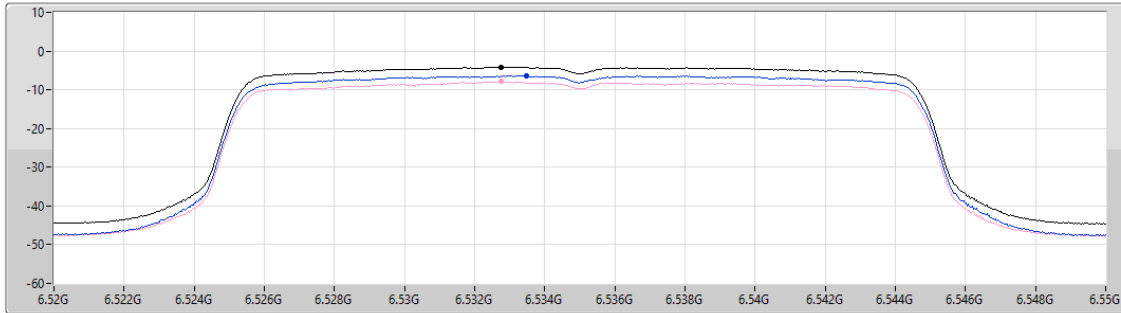
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.14	-4.14	-6.37	-7.91

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

6695MHz

01/08/2023

CF (Hz)
6.695G

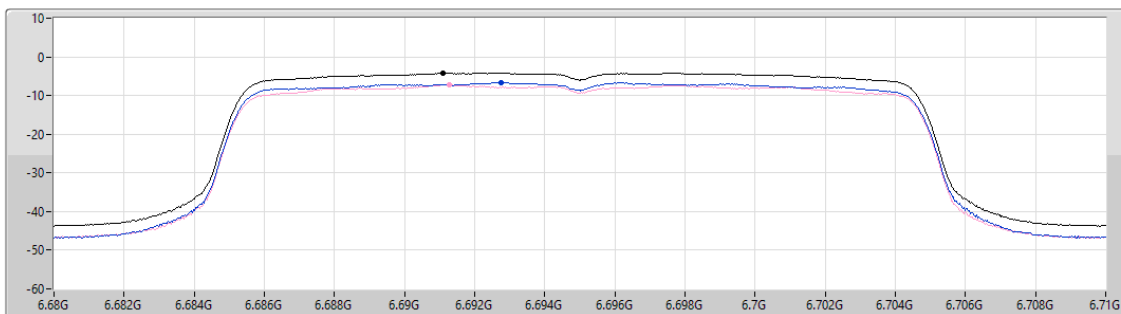
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum 

Port 1 

Port 2 

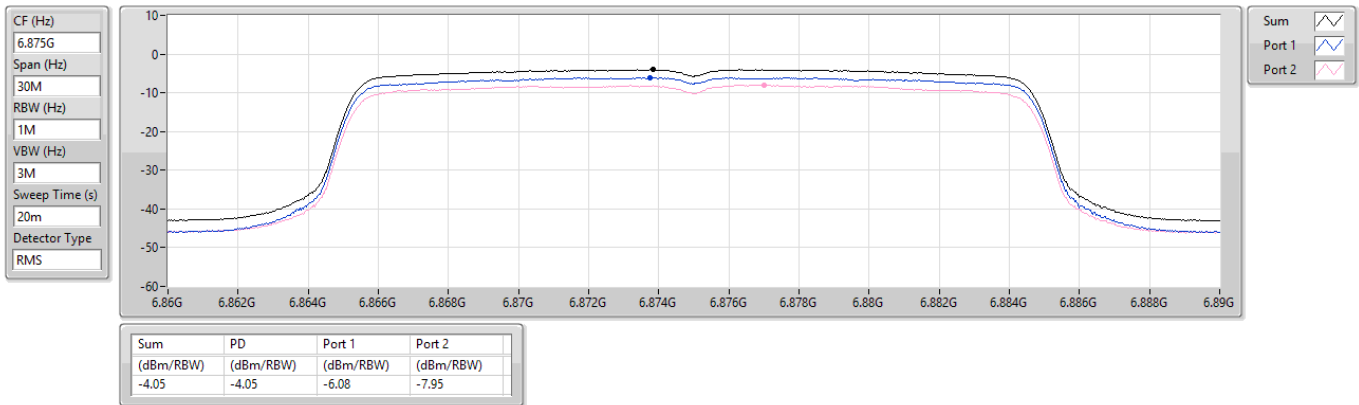
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.22	-4.22	-6.65	-7.29

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

6875MHz Straddle 6.525-6.875GHz

01/08/2023

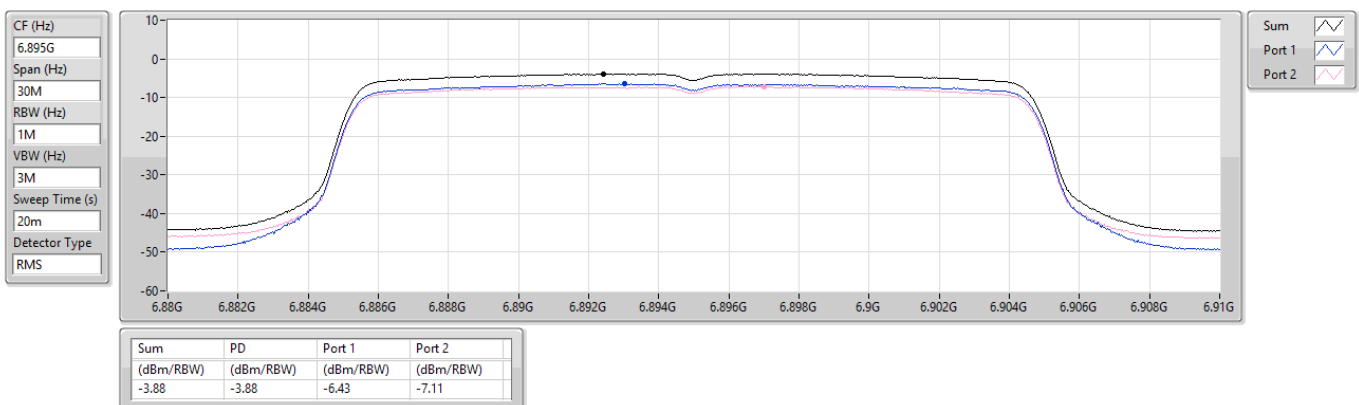


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

6895MHz

01/08/2023

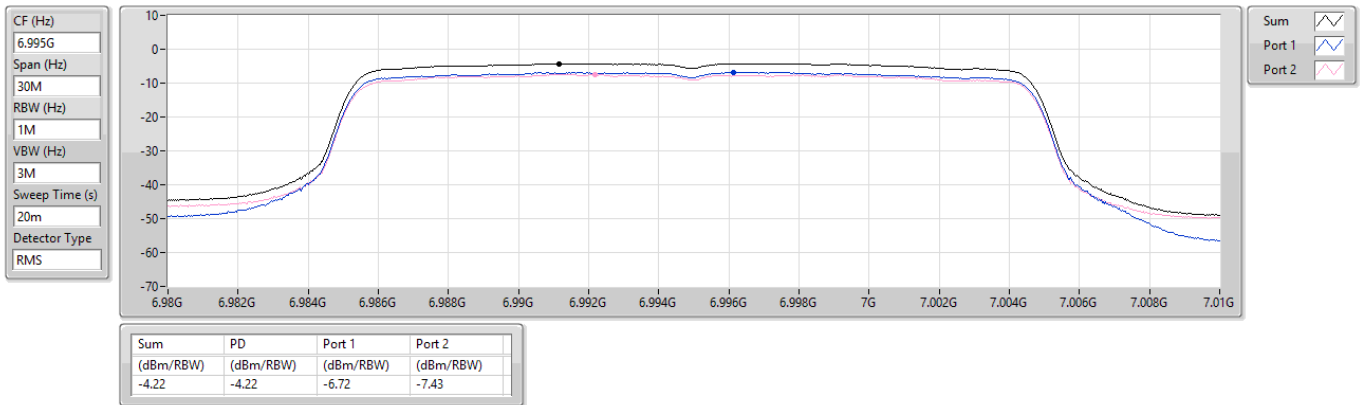


6.875-7.125GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

PSD

6995MHz

01/08/2023

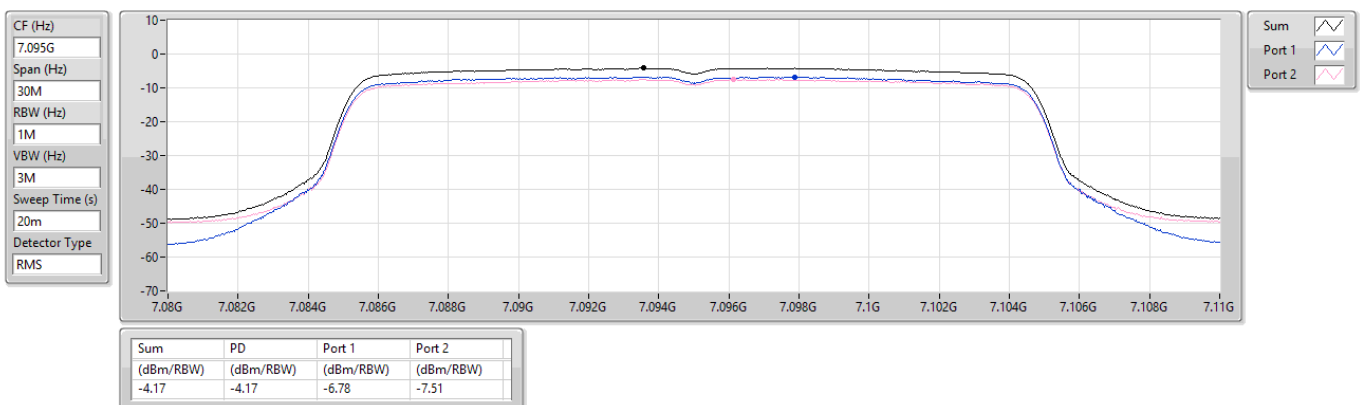


6.875-7.125GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

PSD

7095MHz

01/08/2023



6.875-7.125GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

PSD

7115MHz

01/08/2023

CF (Hz)
7.115G

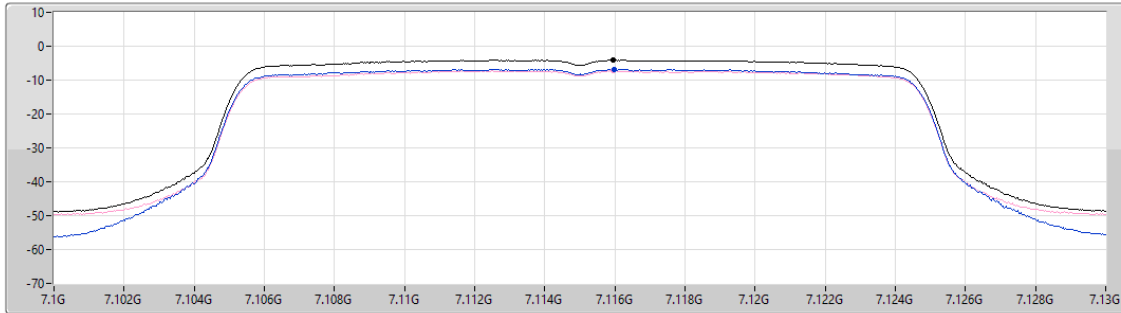
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.06	-4.06	-6.78	-7.19

5.925-6.425GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

PSD

5965MHz

01/08/2023

CF (Hz)
5.965G

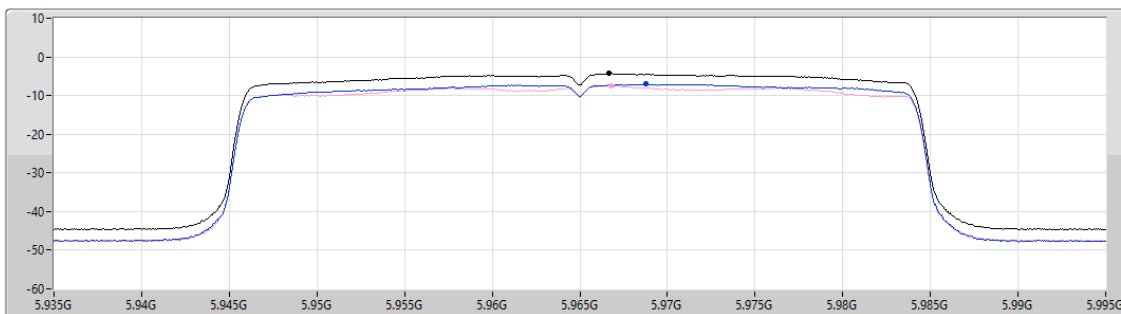
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum 

Port 1 

Port 2 

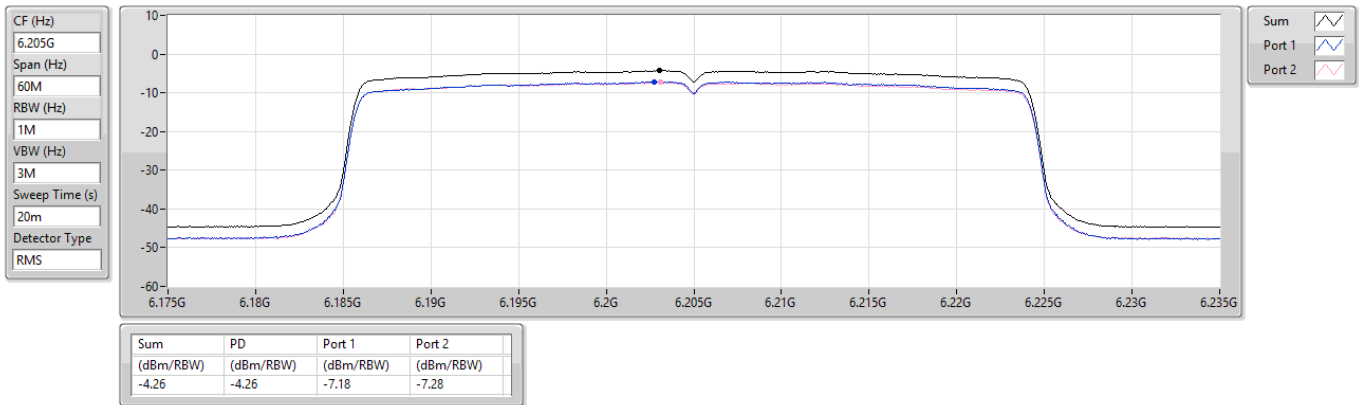
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.33	-4.33	-7.08	-7.37

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

6205MHz

01/08/2023

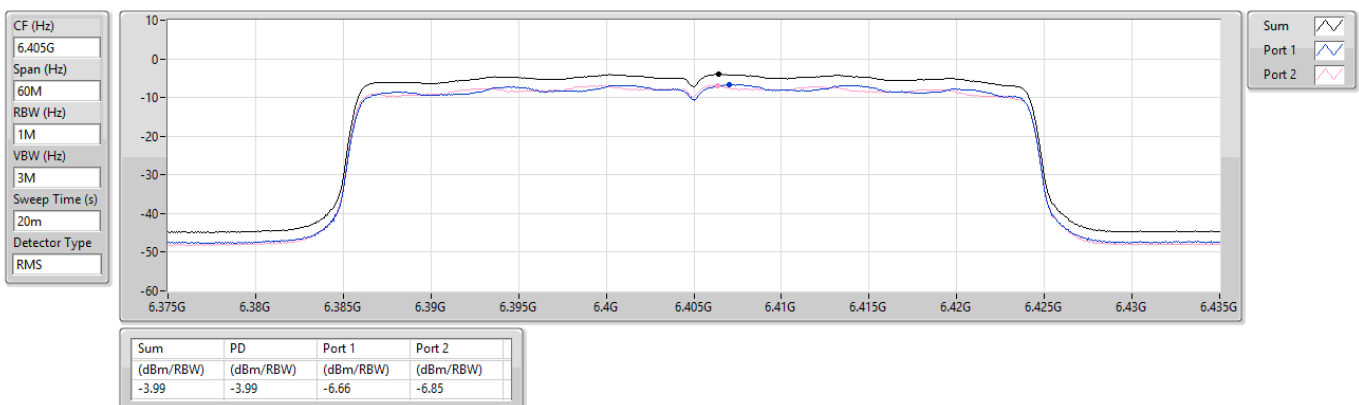


5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

6405MHz

01/08/2023



6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

6445MHz

01/08/2023

CF (Hz)
6.445G

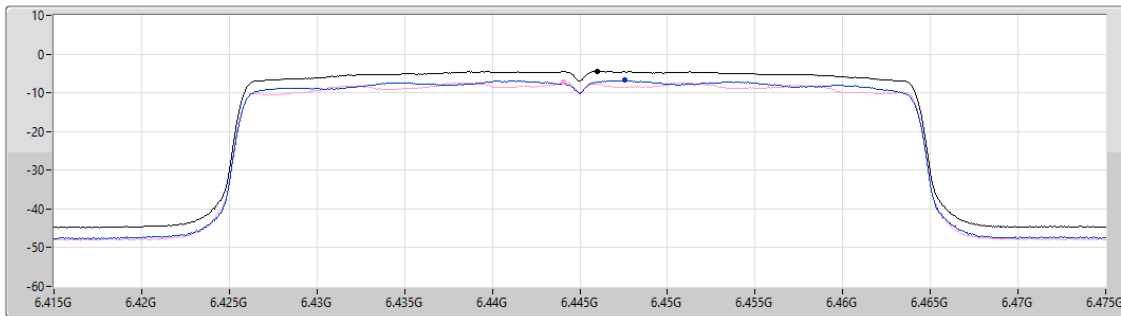
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.42	-4.42	-6.80	-7.35

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

6485MHz

01/08/2023

CF (Hz)
6.485G

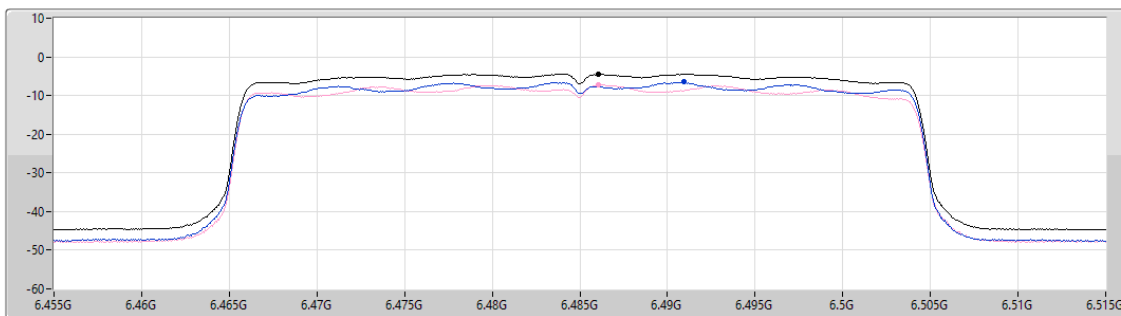
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

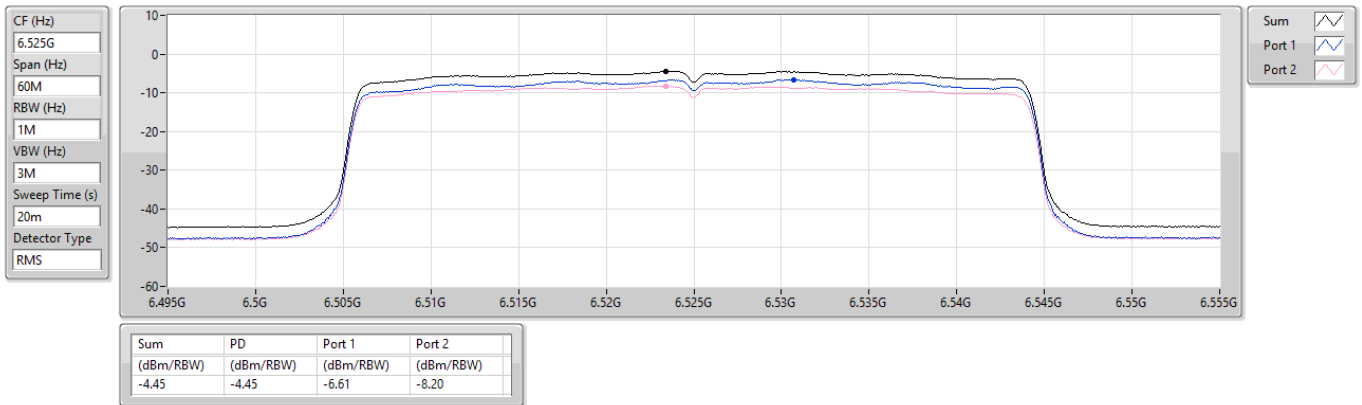
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.45	-4.45	-6.54	-7.18

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

6525MHz Straddle 6.425-6.525GHz

01/08/2023

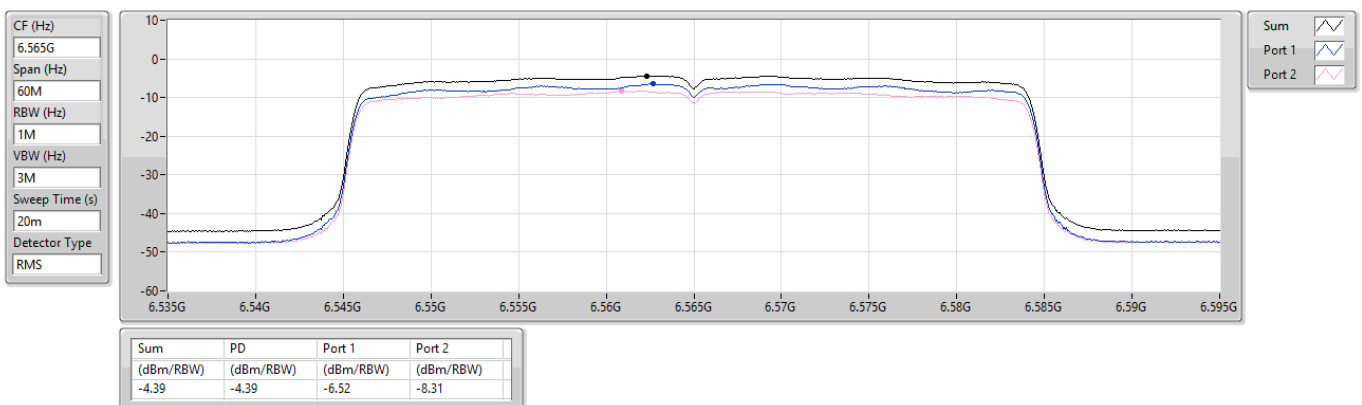


6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

6565MHz

01/08/2023



6.525-6.875GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

PSD

6685MHz

01/08/2023

CF (Hz)
6.685G

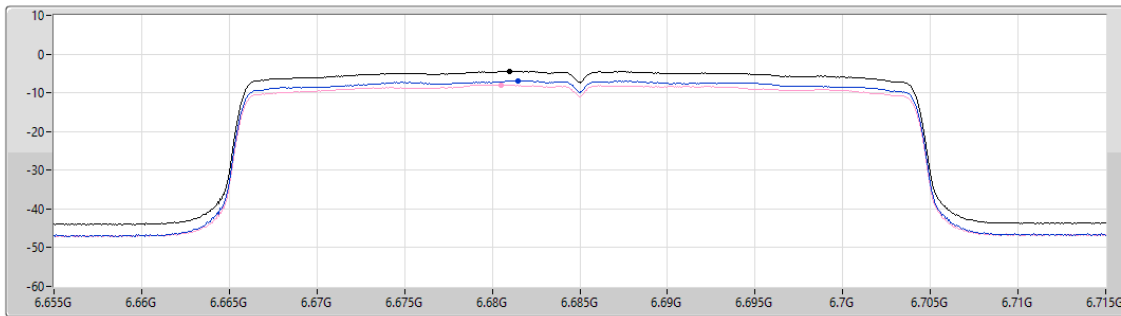
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.46	-4.46	-6.92	-7.97

6.525-6.875GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

PSD

6885MHz Straddle 6.525-6.875GHz

01/08/2023

CF (Hz)
6.885G

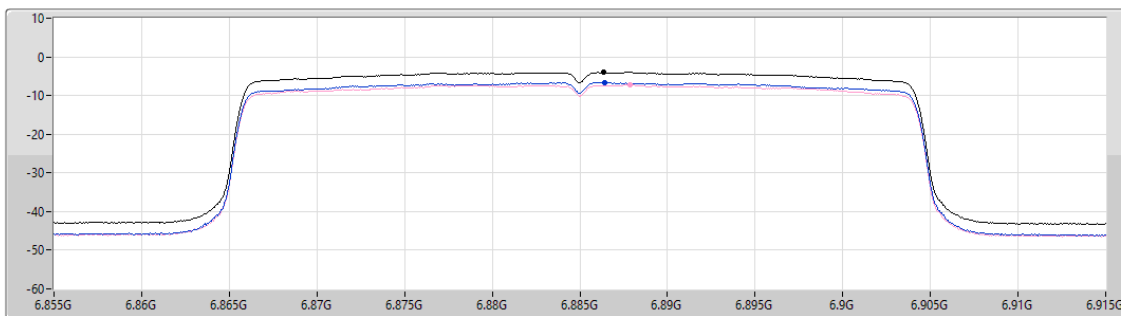
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

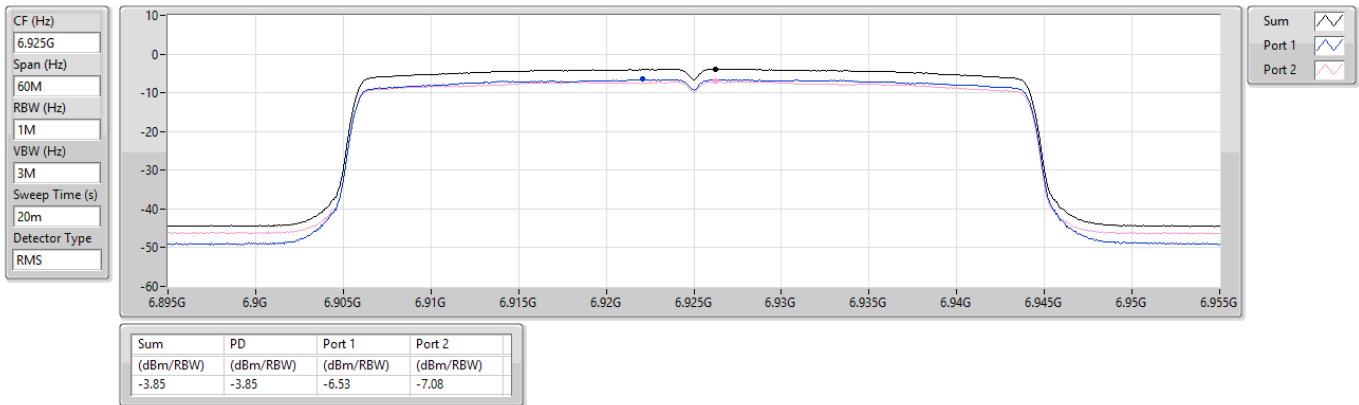
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.01	-4.01	-6.63	-7.18

6.875-7.125GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

PSD

6925MHz

01/08/2023

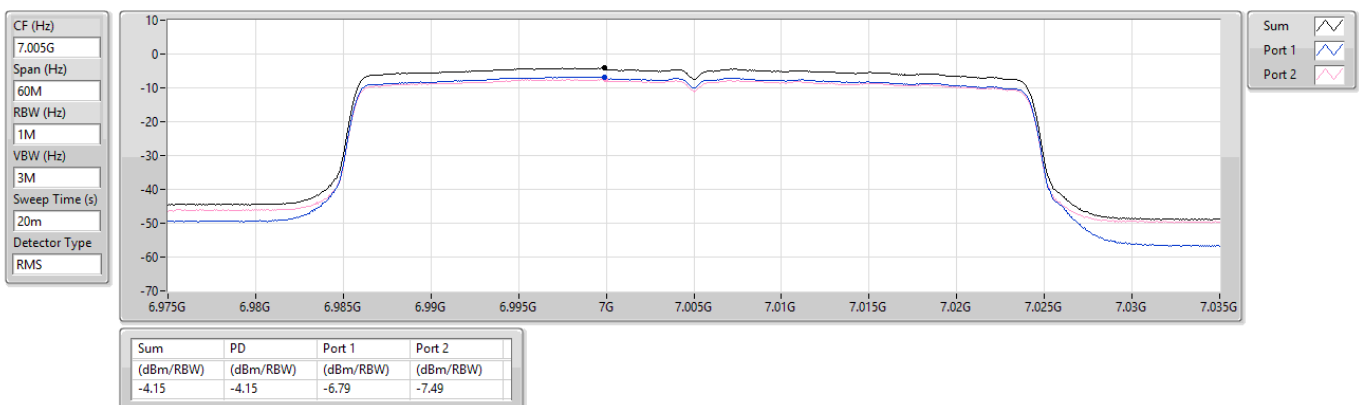


6.875-7.125GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

PSD

7005MHz

01/08/2023



6.875-7.125GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

PSD

7085MHz

01/08/2023

CF (Hz)
7.085G

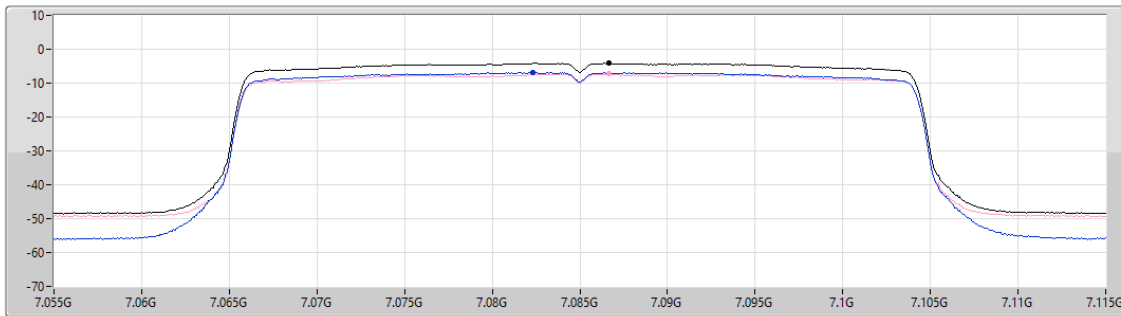
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.10	-4.10	-6.91	-7.25

Sum ☒

Port 1 ☐

Port 2 ☐

5.925-6.425GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

PSD

5985MHz

01/08/2023

CF (Hz)
5.985G

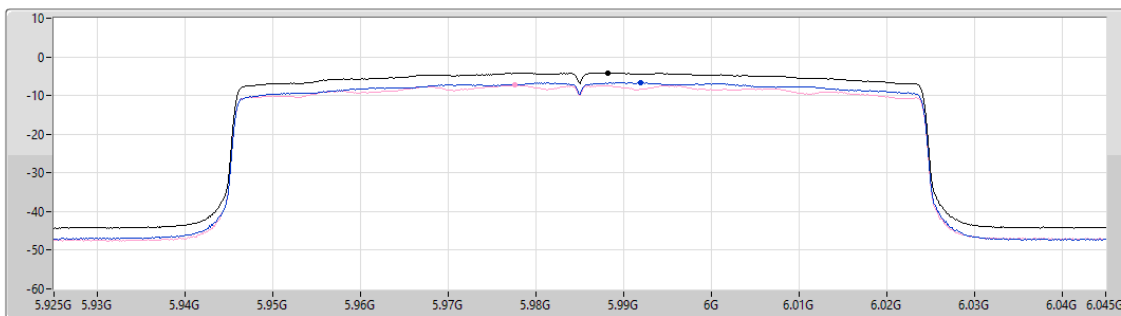
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.12	-4.12	-6.66	-7.26

Sum ☒

Port 1 ☐

Port 2 ☐

5.925-6.425GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

PSD

6225MHz

01/08/2023

CF (Hz)
6.225G

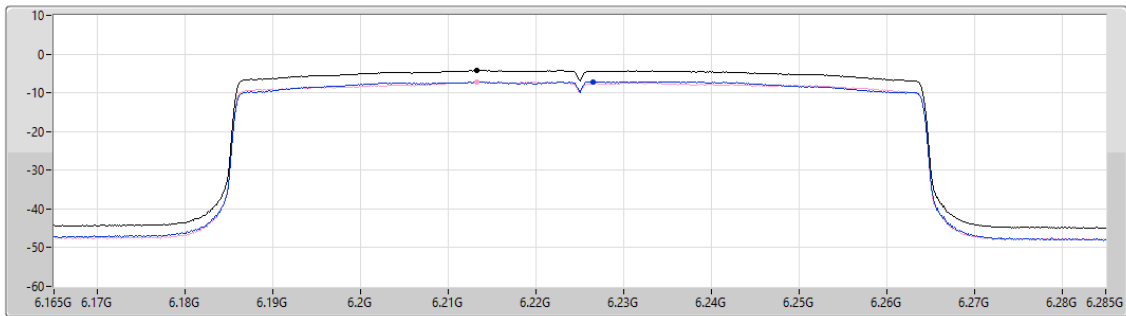
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.20	-4.20	-7.09	-7.21

5.925-6.425GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

PSD

6385MHz

01/08/2023

CF (Hz)
6.385G

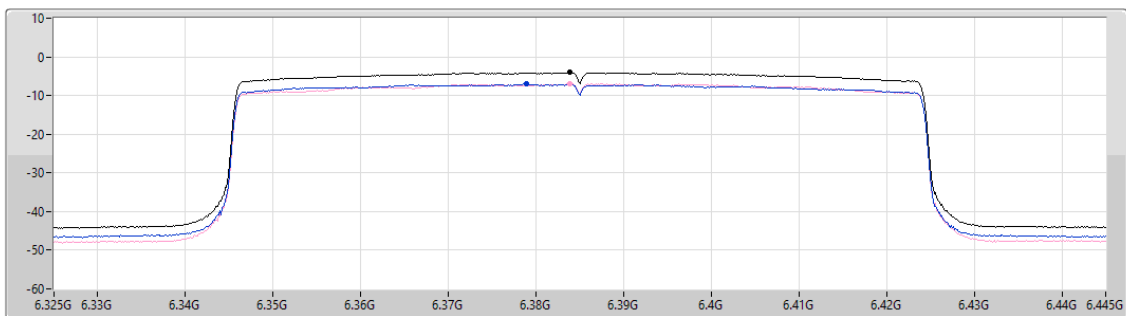
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.08	-4.08	-7.05	-6.92

6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

6465MHz

01/08/2023

CF (Hz)
6.465G

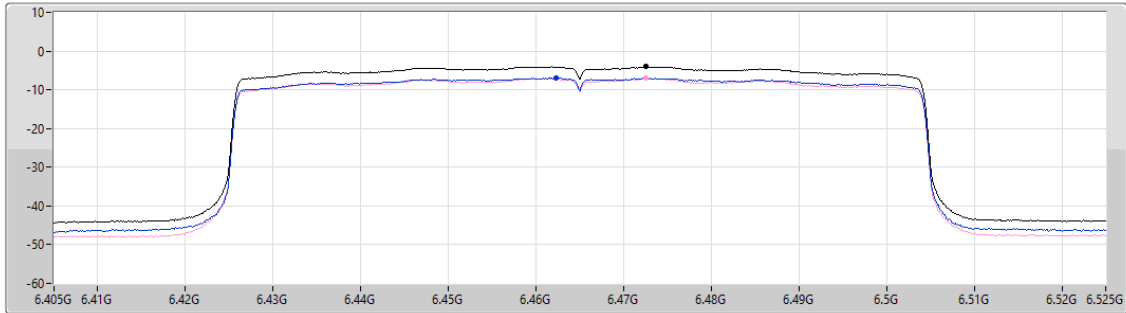
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.04	-4.04	-6.94	-7.06

6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

6545MHz Straddle 6.425-6.525GHz

01/08/2023

CF (Hz)
6.545G

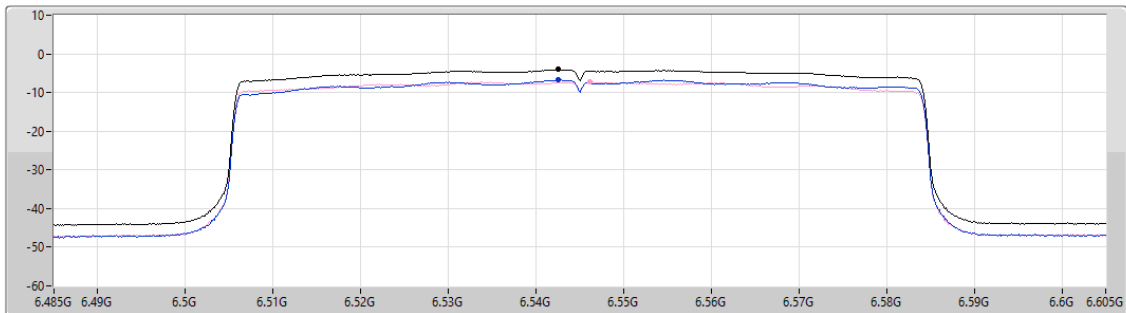
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.08	-4.08	-6.73	-7.26

6.525-6.875GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

PSD

6625MHz

01/08/2023

CF (Hz)
6.625G

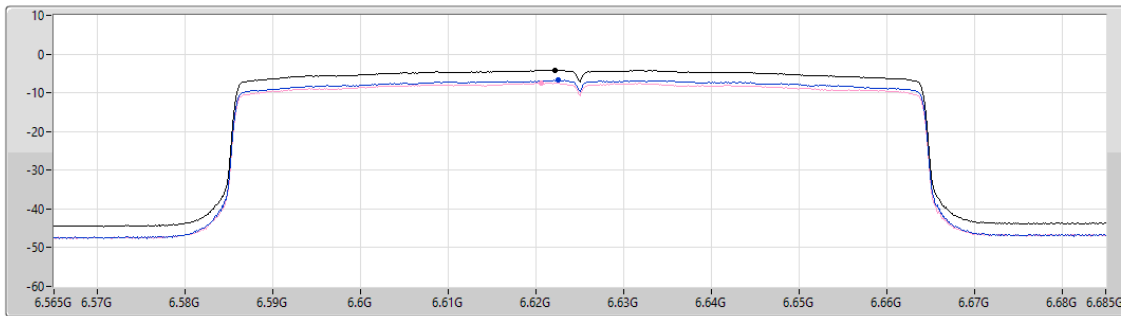
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.14	-4.14	-6.78	-7.45

6.525-6.875GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

PSD

6705MHz

01/08/2023

CF (Hz)
6.705G

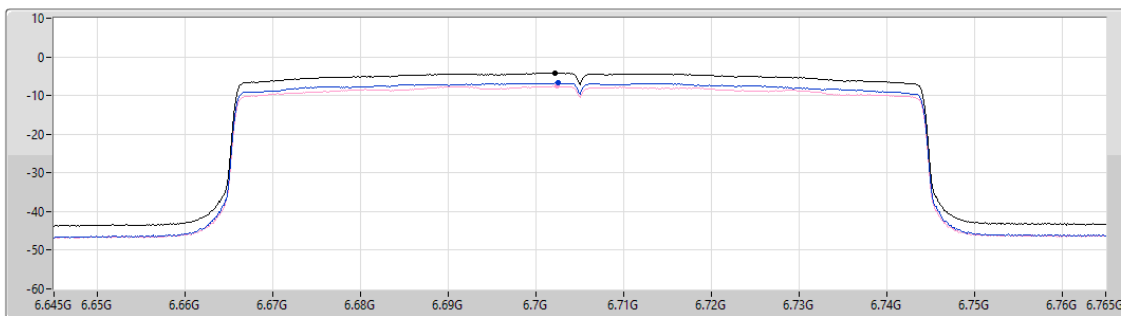
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.17	-4.17	-6.77	-7.61

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

6785MHz

01/08/2023

CF (Hz)
6.785G

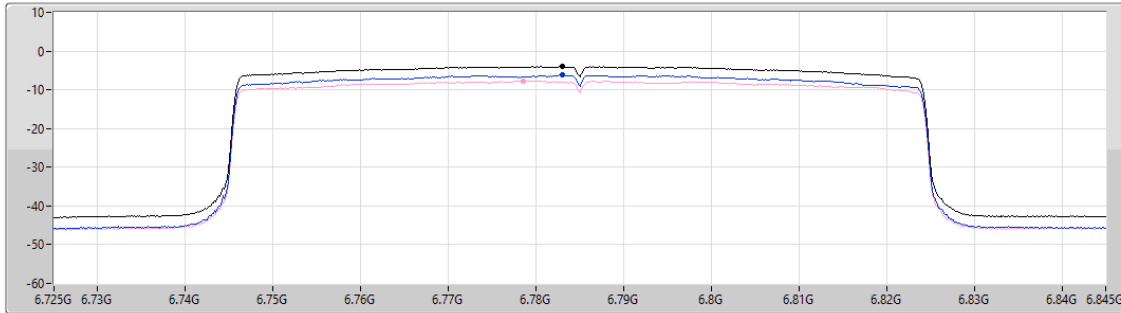
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.01	-4.01	-6.22	-7.65

6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

6865MHz Straddle 6.525-6.875GHz

01/08/2023

CF (Hz)
6.865G

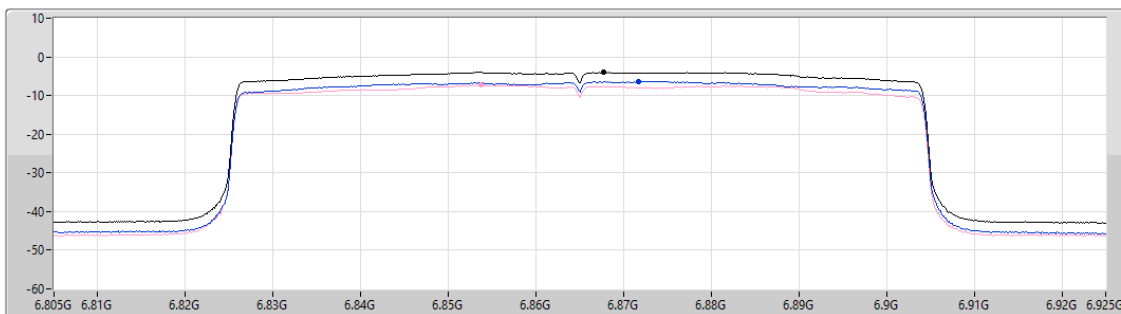
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.02	-4.02	-6.37	-7.33

6.875-7.125GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

PSD

6945MHz

01/08/2023

CF (Hz)
6.945G

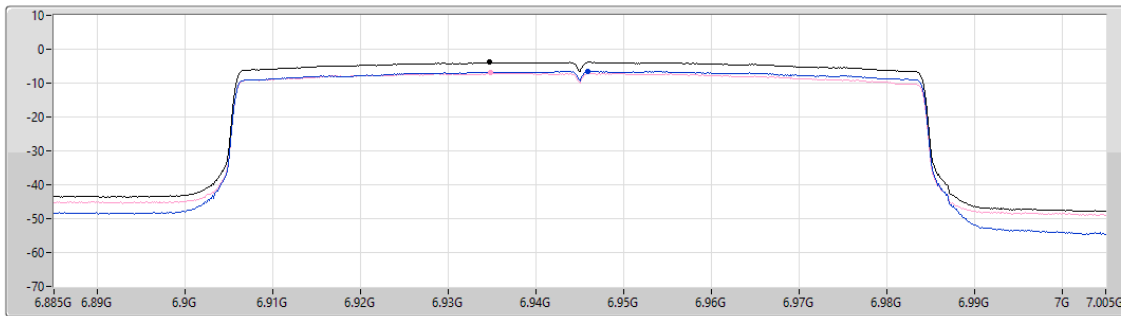
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.85	-3.85	-6.56	-7.02

6.875-7.125GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

PSD

7025MHz

01/08/2023

CF (Hz)
7.025G

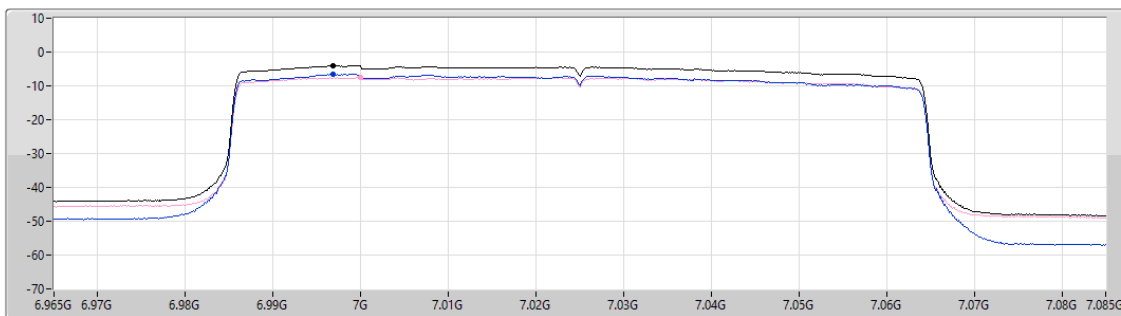
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.06	-4.06	-6.54	-7.52

5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

PSD

6025MHz

01/08/2023

CF (Hz)
6.025G

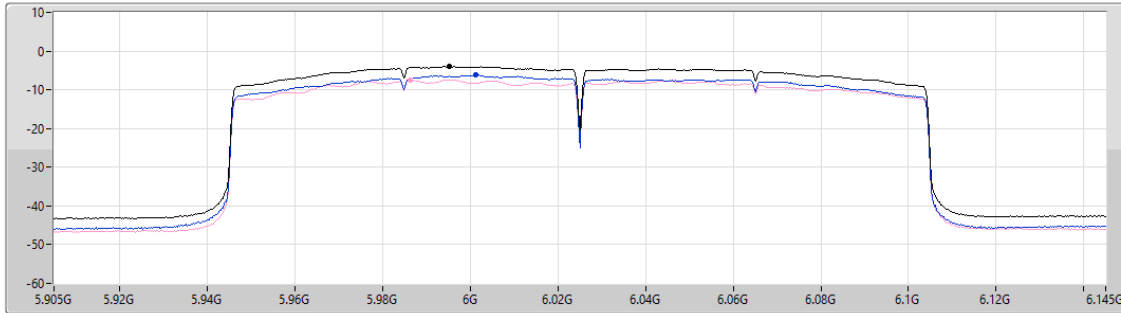
Span (Hz)
240M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum ☒

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.99	-3.99	-6.18	-7.40

5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

PSD

6185MHz

01/08/2023

CF (Hz)
6.185G

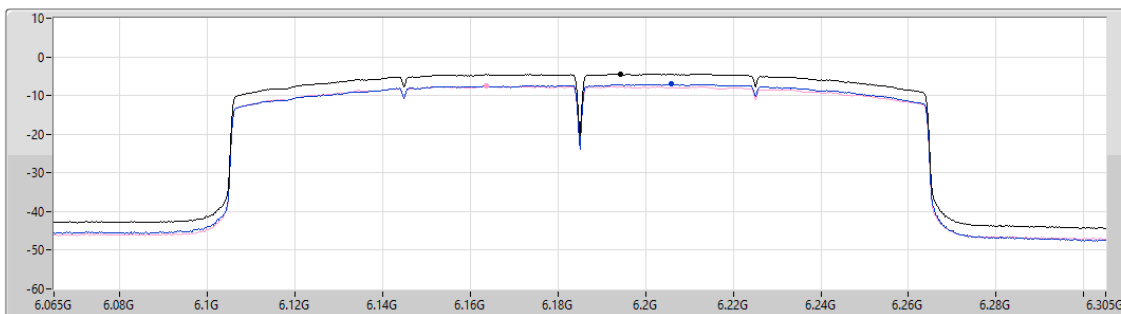
Span (Hz)
240M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum ☒

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.43	-4.43	-7.06	-7.59

5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

PSD

6345MHz

01/08/2023

CF (Hz)
6.345G

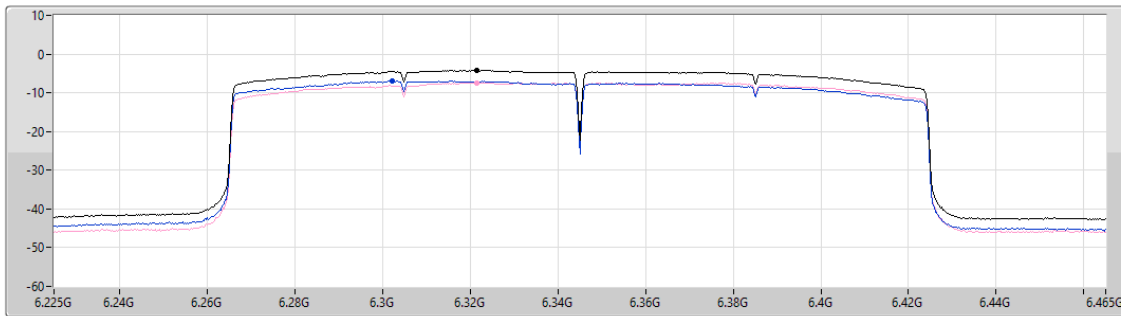
Span (Hz)
240M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.24	-4.24	-6.97	-7.39

6.425-6.525GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

PSD

6505MHz Straddle 6.425-6.525GHz

01/08/2023

CF (Hz)
6.505G

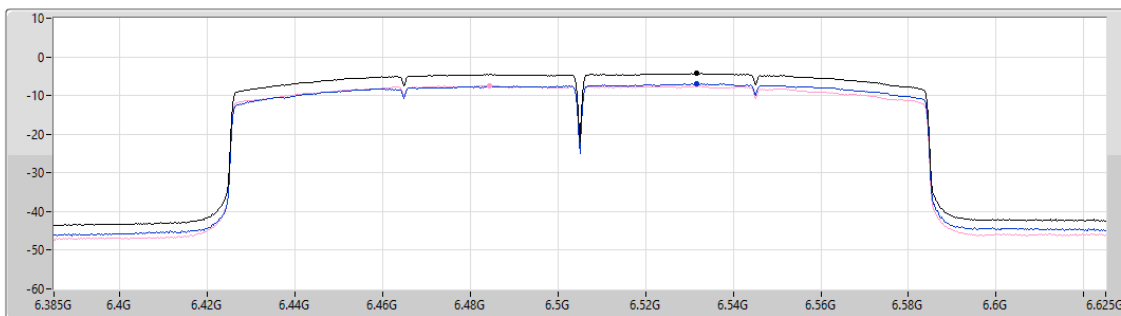
Span (Hz)
240M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

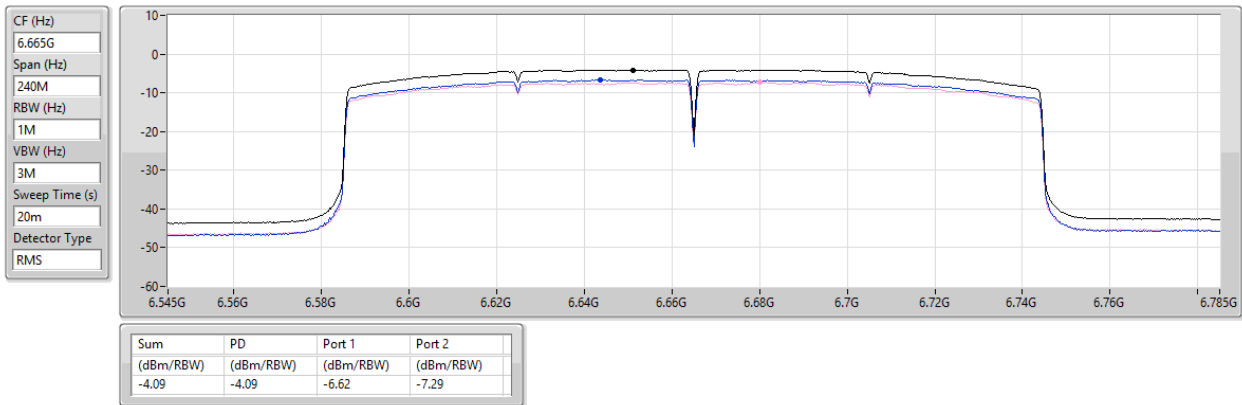
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.27	-4.27	-6.90	-7.40

6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

PSD

6665MHz

01/08/2023

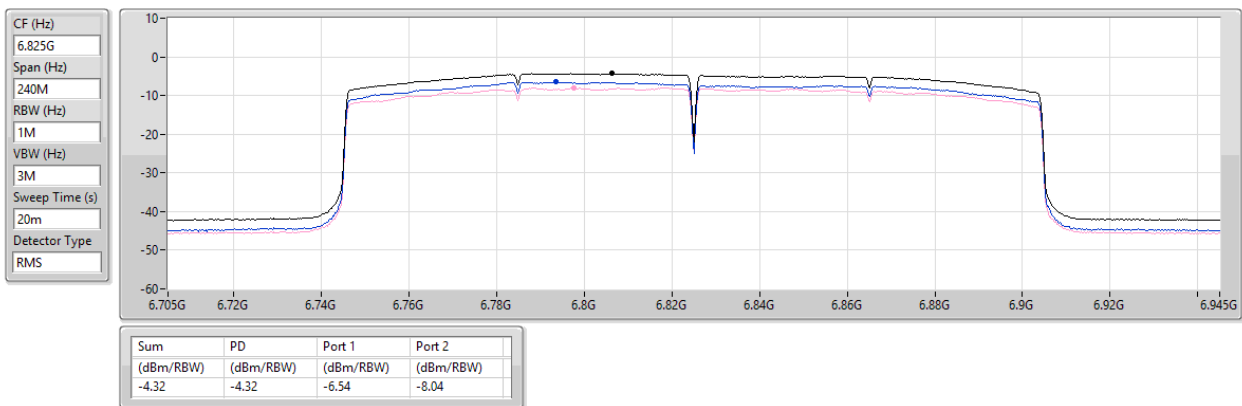


6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

PSD

6825MHz Straddle 6.525-6.875GHz

01/08/2023



6.875-7.125GHz_802.11ax_HEW160_Nss1,(MCS0)_2TX

PSD

6985MHz

01/08/2023

CF (Hz)
6.985G

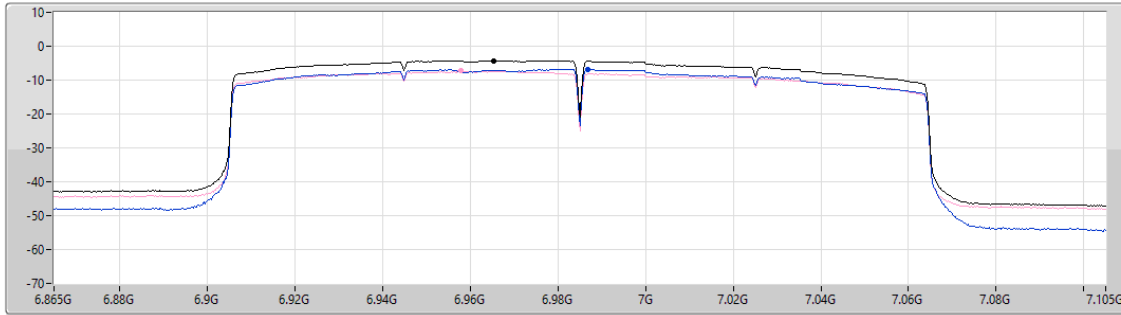
Span (Hz)
240M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.27	-4.27	-6.81	-7.28



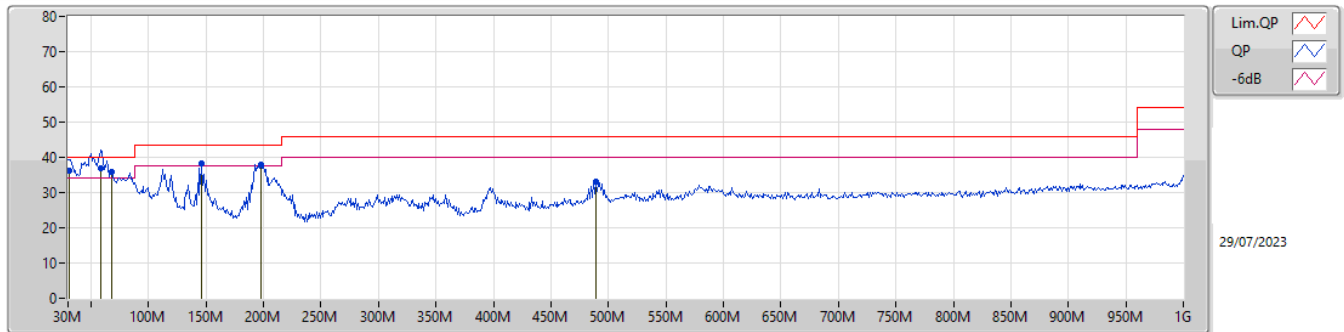
Radiated Emissions below 1GHz

Appendix E.1

Summary

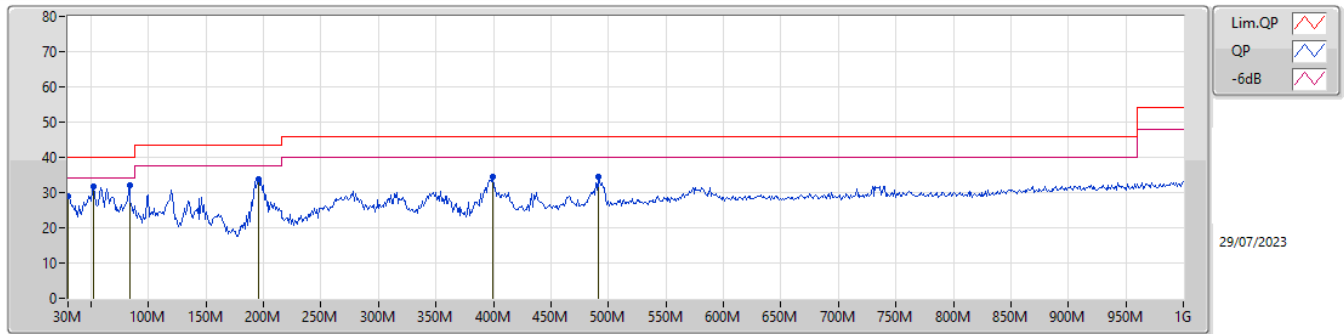
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 4	Pass	QP	58.13M	36.98	40.00	-3.02	Vertical

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)		
QP	30.97M	36.11	40.00	-3.89	-6.92	3	Vertical	197	1.00	-	43.03	23.62	1.03	31.57		
QP	58.13M	36.98	40.00	-3.02	-18.11	3	Vertical	360	1.25	"Worst"	55.09	12.45	1.34	31.90		
PK	67.83M	35.71	40.00	-4.29	-18.15	3	Vertical	356	1.50	-	53.86	12.33	1.43	31.91		
PK	146.4M	38.39	43.50	-5.11	-13.24	3	Vertical	170	1.00	-	51.63	16.71	2.05	32.00		
PK	197.81M	38.02	43.50	-5.48	-14.38	3	Vertical	194	1.00	-	52.40	15.22	2.41	32.01		
PK	488.81M	33.01	46.00	-12.99	-5.16	3	Vertical	360	1.50	-	38.17	23.18	3.94	32.28		

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	29.04	40.00	-10.96	-6.41	3	Horizontal	83	1.25	-	35.45	24.11	1.02	31.54		
PK	52.31M	31.68	40.00	-8.32	-17.24	3	Horizontal	173	1.00	-	48.92	13.36	1.28	31.88		
PK	83.35M	31.92	40.00	-8.08	-16.80	3	Horizontal	231	2.00	"Worst"	48.72	13.54	1.57	31.91		
PK	195.87M	33.93	43.50	-9.57	-14.44	3	Horizontal	253	1.50	-	48.37	15.18	2.39	32.01		
PK	399.57M	34.50	46.00	-11.50	-7.03	3	Horizontal	116	1.00	-	41.53	21.59	3.55	32.17		
PK	490.75M	34.64	46.00	-11.36	-5.13	3	Horizontal	151	1.00	-	39.77	23.20	3.95	32.28		

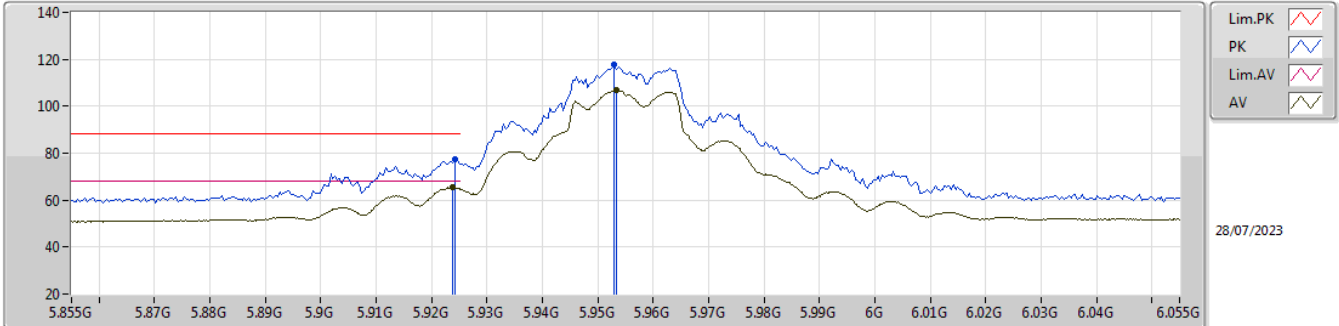


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
6.875-7.125GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1.(MCS0)_2TX	Pass	RMS	7.1255G	68.19	68.20	-0.01	3	Horizontal	72	1.00	BP 1MHz

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5955MHz_TX

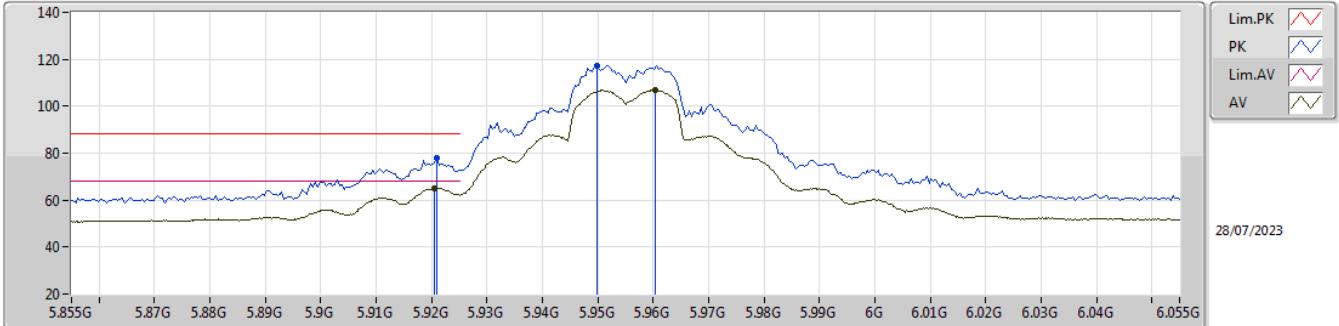


EUT X_2TX
Setting 23.5
03-I-R-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.9242G	77.52	88.20	-10.68	70.81	3	Vertical	20	1.54	-	34.55	7.26	35.10			
RMS	5.9238G	65.46	68.20	-2.74	58.75	3	Vertical	20	1.54	-	34.55	7.26	35.10			
PK	5.953G	117.56	Inf	-Inf	110.79	3	Vertical	20	1.54	-	34.61	7.28	35.12			
RMS	5.9534G	106.79	Inf	-Inf	100.02	3	Vertical	20	1.54	-	34.61	7.28	35.12			

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5955MHz_TX

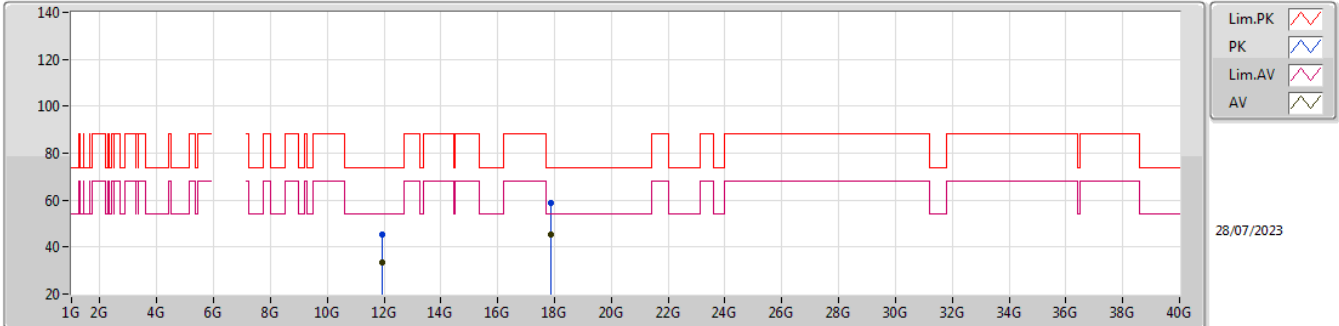


EUT X_2TX
Setting 23.5
03-I-R-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.921G	77.86	88.20	-10.34	71.16	3	Horizontal	71	1.63	-	34.54	7.26	35.10			
RMS	5.9206G	65.21	68.20	-2.99	58.51	3	Horizontal	71	1.63	-	34.54	7.26	35.10			
PK	5.9498G	117.25	Inf	-Inf	110.50	3	Horizontal	71	1.63	-	34.60	7.27	35.12			
RMS	5.9604G	106.91	Inf	-Inf	100.13	3	Horizontal	71	1.63	-	34.62	7.28	35.12			

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5955MHz_TX

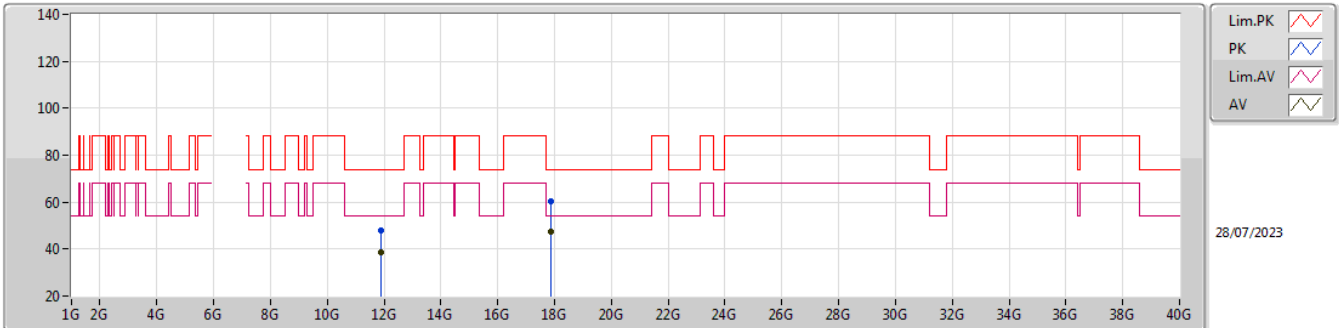


EUT X_2TX
Setting 23.5
03-I-A-4

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	11.91852G	45.41	74.00	-28.59	58.14	3	Vertical	211	1.80	-	39.36	13.06	65.15			
AV	11.91524G	33.29	54.00	-20.71	46.02	3	Vertical	211	1.80	-	39.37	13.05	65.15			
PK	17.87084G	58.82	74.00	-15.18	59.21	3	Vertical	34	2.48	-	44.64	17.82	62.85			
AV	17.8612G	45.55	54.00	-8.45	45.94	3	Vertical	34	2.48	-	44.62	17.82	62.83			

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5955MHz_TX

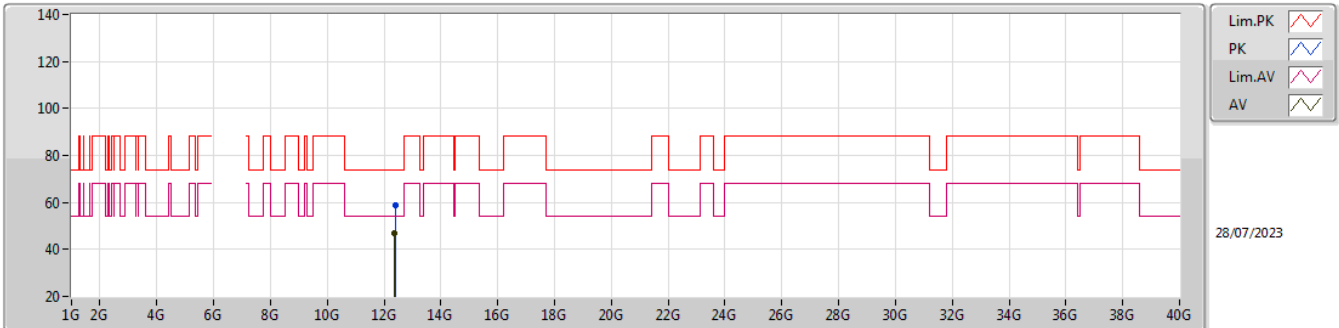


EUT X_2TX
Setting 23.5
03-I-A-4

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	11.90988G	47.99	74.00	-26.01	60.71	3	Horizontal	62	2.64	-	39.38	13.05	65.15			
AV	11.90992G	38.65	54.00	-15.35	51.37	3	Horizontal	62	2.64	-	39.38	13.05	65.15			
PK	17.86508G	60.47	74.00	-13.53	60.86	3	Horizontal	324	1.80	-	44.63	17.82	62.84			
AV	17.86664G	47.27	54.00	-6.73	47.66	3	Horizontal	324	1.80	-	44.63	17.82	62.84			

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6195MHz_TX

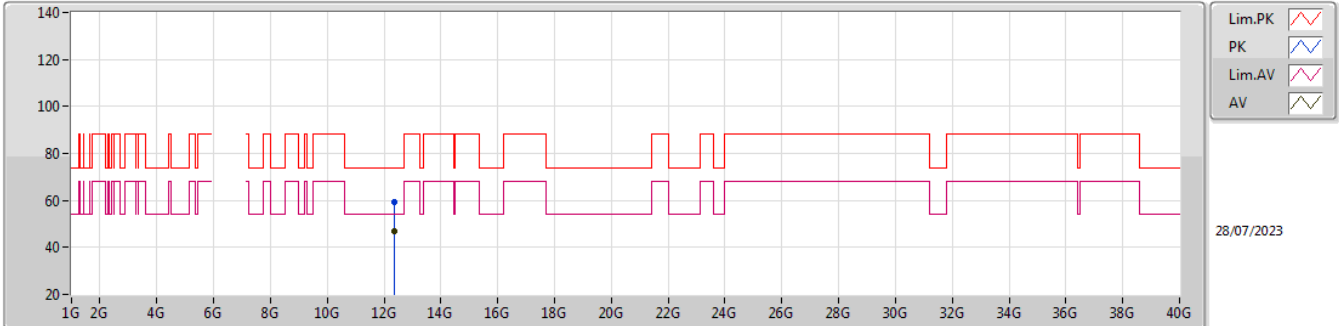


EUT X_2TX
Setting 25
03-I-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	12.3976G	58.98	74.00	-15.02	40.82	3	Vertical	174	1.83	-	38.80	13.42	34.06			
AV	12.38G	47.05	54.00	-6.95	28.92	3	Vertical	174	1.83	-	38.80	13.40	34.07			

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6195MHz_TX

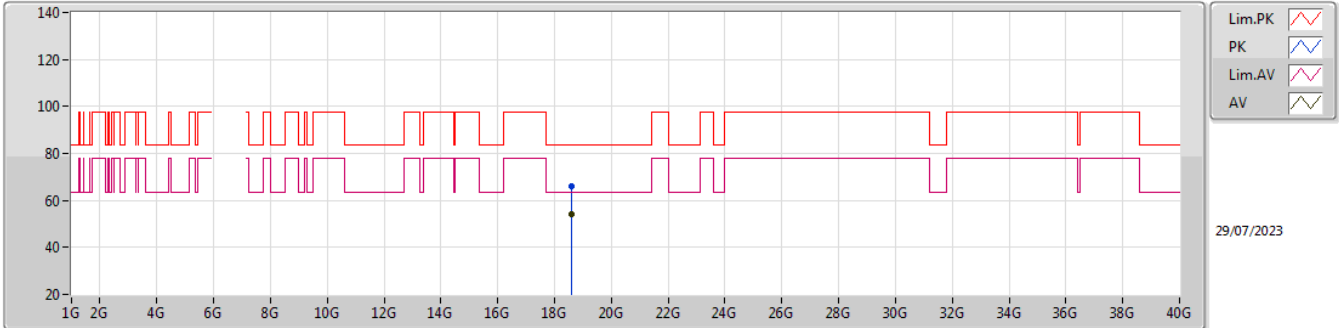


EUT X_2TX
Setting 25
03-I-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	12.3816G	59.45	74.00	-14.55	41.31	3	Horizontal	159	2.11	-	38.80	13.41	34.07			
AV	12.38368G	47.08	54.00	-6.92	28.94	3	Horizontal	159	2.11	-	38.80	13.41	34.07			

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6195MHz_TX

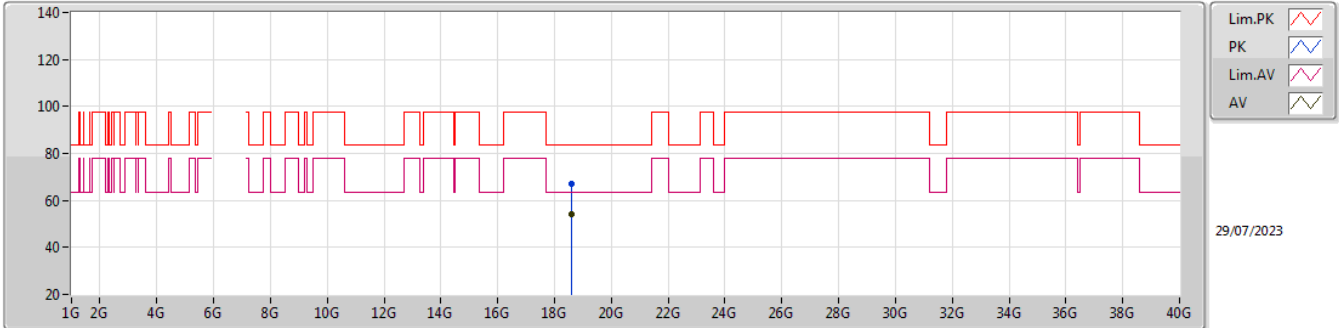


EUT X_2TX
Setting 25
03-I-M-2

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	18.5905G	66.23	83.54	-17.31	62.30	1	Vertical	54	1.50	-	37.64	16.68	50.39			
AV	18.58G	54.25	63.54	-9.29	50.32	1	Vertical	54	1.50	-	37.63	16.68	50.38			

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6195MHz_TX

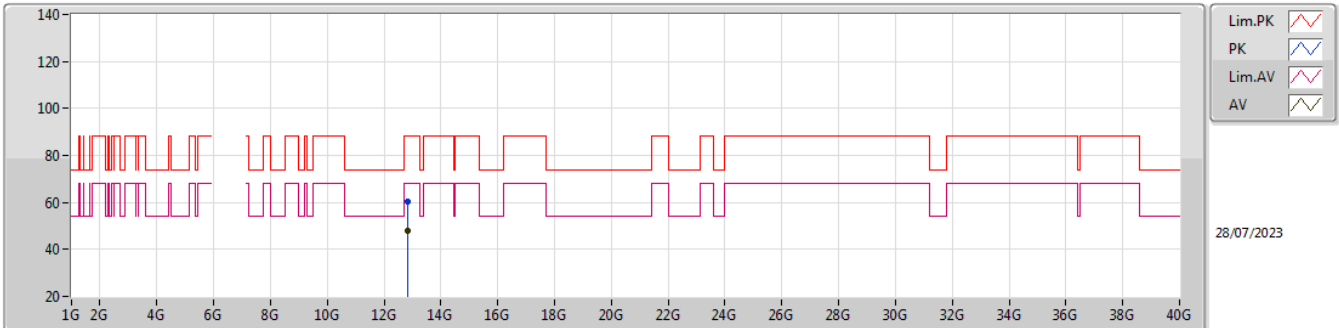


EUT X_2TX
Setting 25
03-I-M-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	18.581G	67.19	83.54	-16.35	63.26	1	Horizontal	314	1.46	-	37.63	16.68	50.38			
AV	18.5895G	53.88	63.54	-9.66	49.95	1	Horizontal	314	1.46	-	37.64	16.68	50.39			

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6415MHz_TX

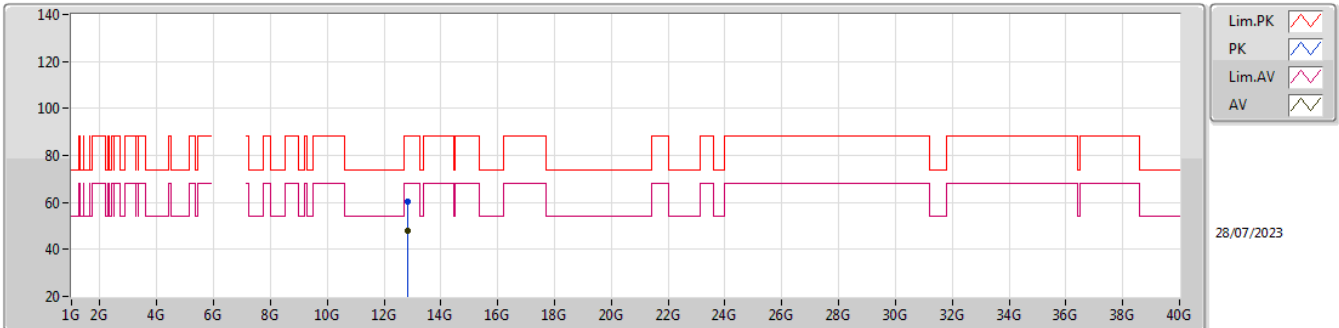


EUT X_2TX
Setting 25
03-I-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	12.83808G	60.49	88.20	-27.71	41.06	3	Vertical	227	2.43	-	39.18	13.77	33.52			
RMS	12.82808G	48.01	68.20	-20.19	28.62	3	Vertical	227	2.43	-	39.16	13.76	33.53			

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6415MHz_TX

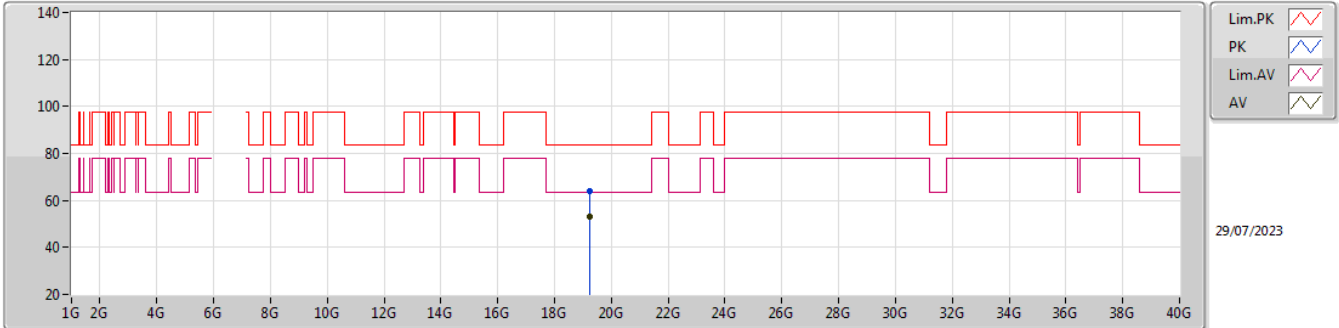


EUT X_2TX
Setting 25
03-I-A-4

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	12.83368G	60.30	88.20	-27.90	40.89	3	Horizontal	343	1.80	-	39.17	13.77	33.53			
RMS	12.83772G	47.95	68.20	-20.25	28.52	3	Horizontal	343	1.80	-	39.18	13.77	33.52			

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6415MHz_TX

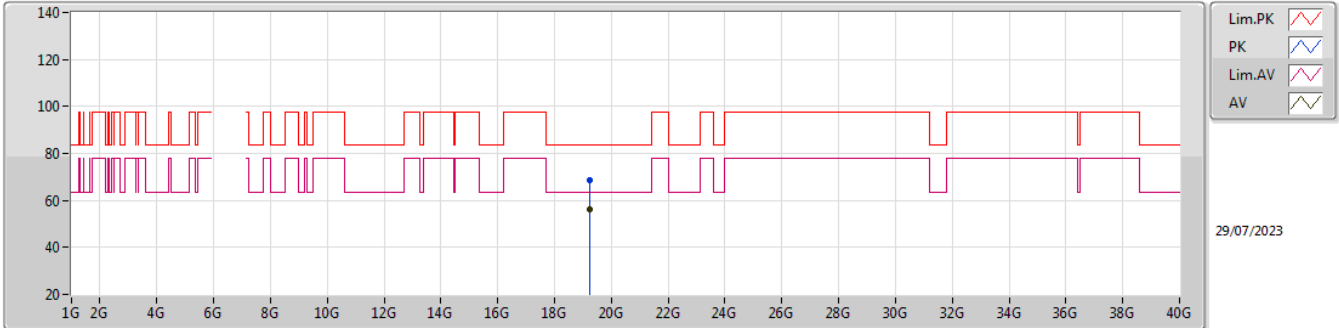


EUT X_2TX
Setting 25
03-I-M-2

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	19.2525G	64.14	83.54	-19.40	60.69	1	Vertical	52	1.50	-	37.60	16.95	51.10			
AV	19.2415G	53.05	63.54	-10.49	49.59	1	Vertical	52	1.50	-	37.60	16.95	51.09			

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6415MHz_TX

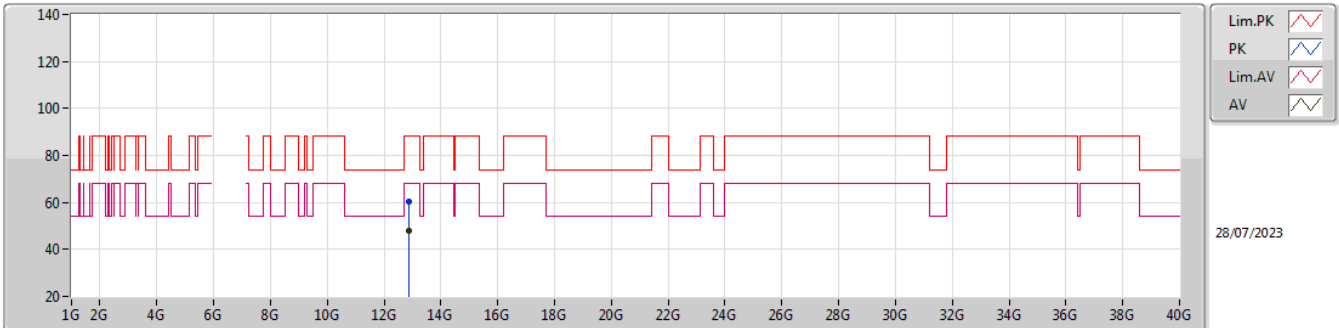


EUT X_2TX
Setting 25
03-I-M-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	19.2375G	68.73	83.54	-14.81	65.28	1	Horizontal	310	1.64	-	37.59	16.95	51.09			
AV	19.2475G	56.06	63.54	-7.48	52.61	1	Horizontal	310	1.64	-	37.60	16.95	51.10			

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6435MHz_TX

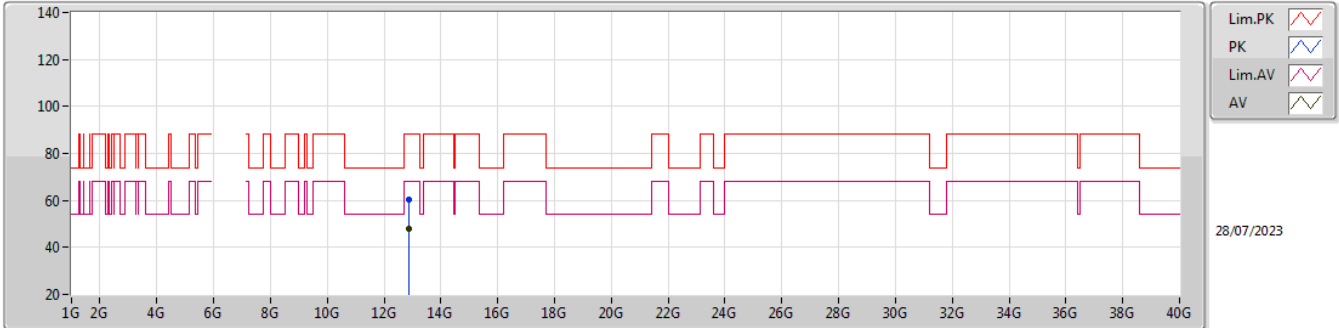


EUT X_2TX
Setting 25
03-I-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	12.86508G	60.31	88.20	-27.89	40.77	3	Vertical	327	1.70	-	39.23	13.79	33.48			
RMS	12.87328G	48.14	68.20	-20.06	28.56	3	Vertical	327	1.70	-	39.25	13.80	33.47			

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6435MHz_TX

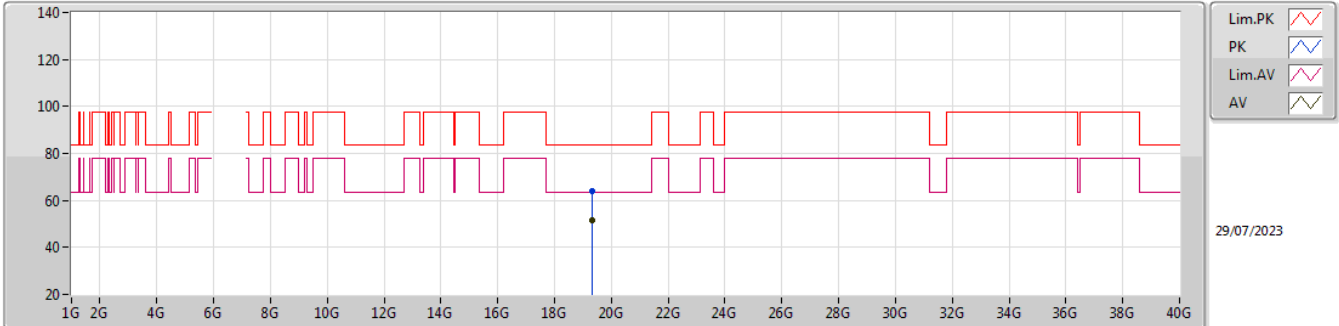


EUT X_2TX
Setting 25
03-I-A-4

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	12.86608G	60.17	88.20	-28.03	40.63	3	Horizontal	282	2.97	-	39.23	13.79	33.48			
RMS	12.87708G	48.12	68.20	-20.08	28.54	3	Horizontal	282	2.97	-	39.25	13.80	33.47			

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6435MHz_TX

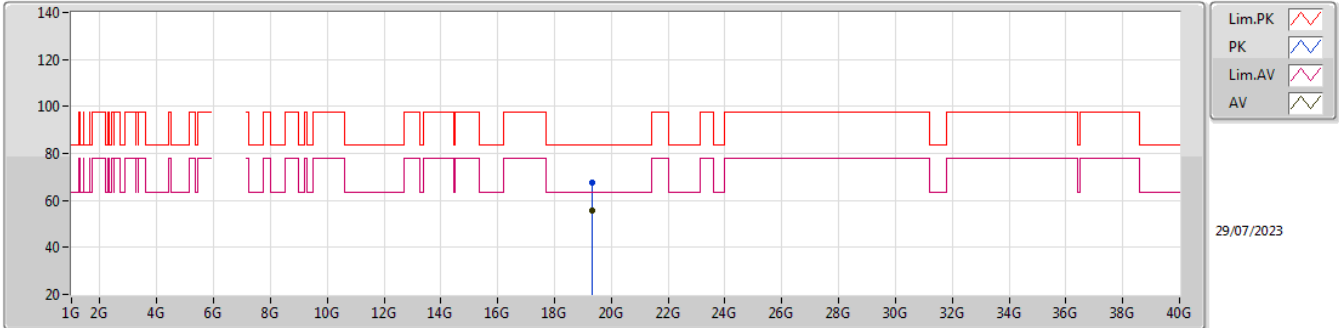


EUT X_2TX
Setting 25
03-I-M-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	19.314G	64.19	83.54	-19.35	60.76	1	Vertical	52	1.50	-	37.63	16.98	51.18			
AV	19.304G	51.46	63.54	-12.08	48.03	1	Vertical	52	1.50	-	37.62	16.97	51.16			

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6435MHz_TX

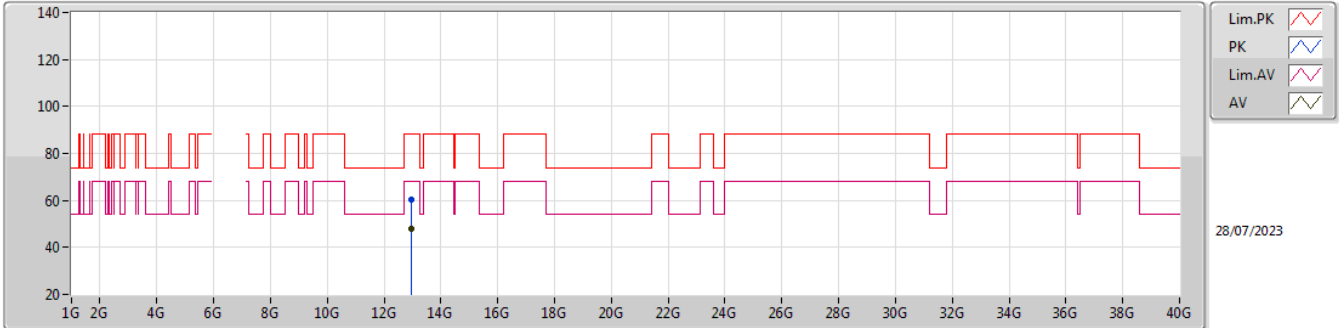


EUT X_2TX
Setting 25
03-I-M-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	19.3085G	67.66	83.54	-15.88	64.23	1	Horizontal	51	1.55	-	37.62	16.98	51.17			
AV	19.3085G	55.57	63.54	-7.97	52.14	1	Horizontal	51	1.55	-	37.62	16.98	51.17			

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6475MHz_TX

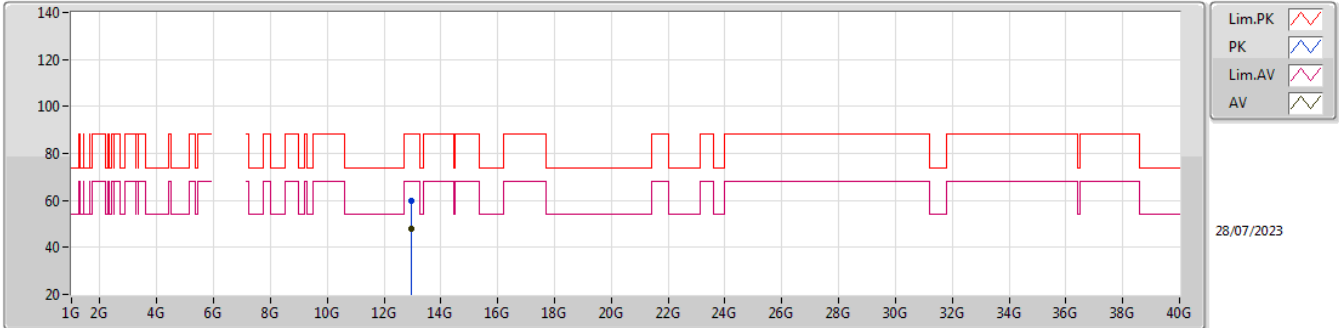


EUT X_2TX
Setting 25
03-I-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	12.94164G	60.15	88.20	-28.05	40.30	3	Vertical	9	2.65	-	39.38	13.85	33.38			
RMS	12.9464G	47.86	68.20	-20.34	27.98	3	Vertical	9	2.65	-	39.39	13.86	33.37			

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6475MHz_TX



EUT X_2TX
Setting 25
03-I-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	12.94868G	59.83	88.20	-28.37	39.94	3	Horizontal	11	2.51	-	39.40	13.86	33.37			
RMS	12.94912G	47.82	68.20	-20.38	27.93	3	Horizontal	11	2.51	-	39.40	13.86	33.37			

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6475MHz_TX

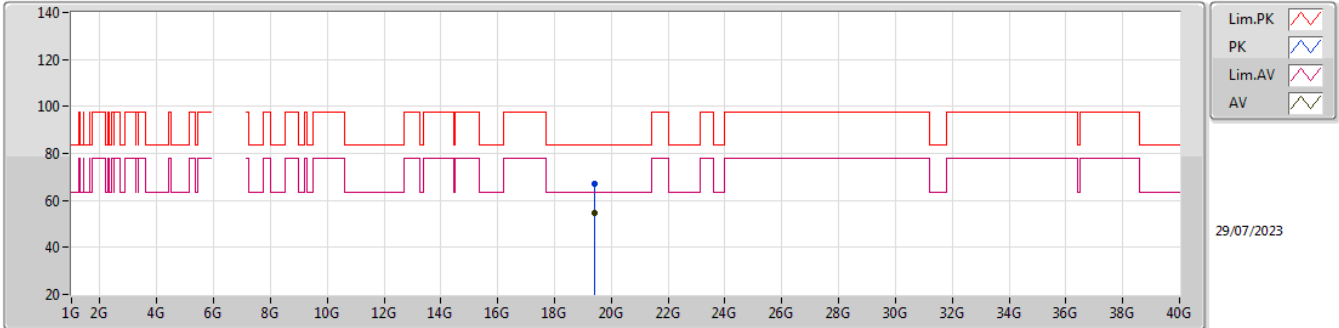


EUT X_2TX
Setting 25
03-I-M-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	19.421G	64.75	83.54	-18.79	61.37	1	Vertical	51	1.57	-	37.67	17.02	51.31			
AV	19.4215G	52.27	63.54	-11.27	48.89	1	Vertical	51	1.57	-	37.67	17.02	51.31			

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6475MHz_TX

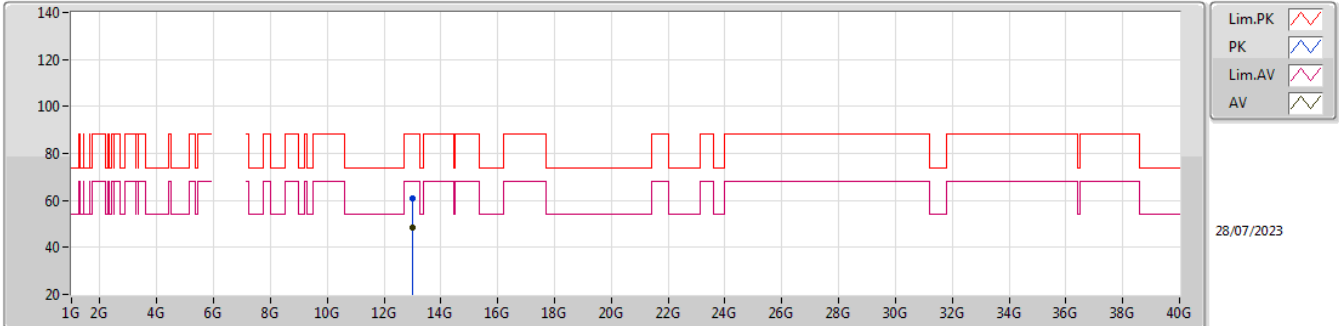


EUT X_2TX
Setting 25
03-I-M-2

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	19.42G	66.88	83.54	-16.66	63.49	1	Horizontal	52	1.52	-	37.67	17.02	51.30			
AV	19.4205G	54.72	63.54	-8.82	51.33	1	Horizontal	52	1.52	-	37.67	17.02	51.30			

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6515MHz_TX

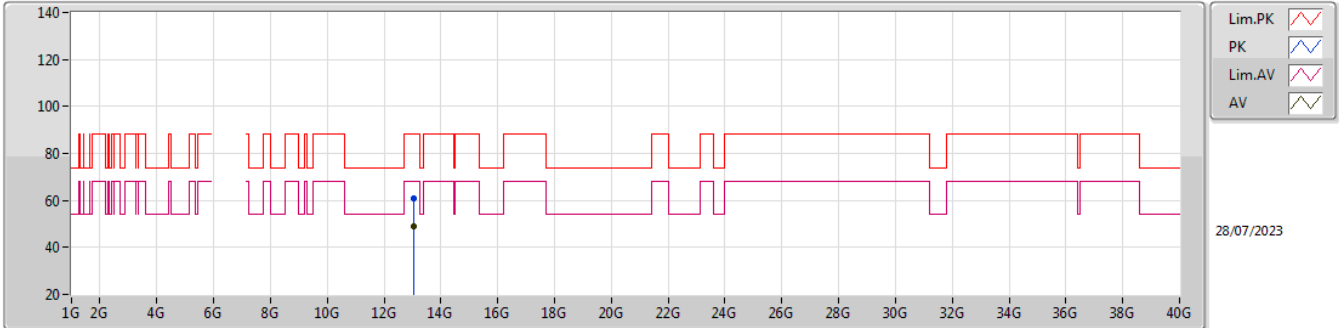


EUT X_2TX
Setting 25
03-I-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.02408G	60.79	88.20	-27.41	40.59	3	Vertical	60	2.70	-	39.55	13.92	33.27			
RMS	13.0206G	48.70	68.20	-19.50	28.52	3	Vertical	60	2.70	-	39.54	13.92	33.28			

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6515MHz_TX

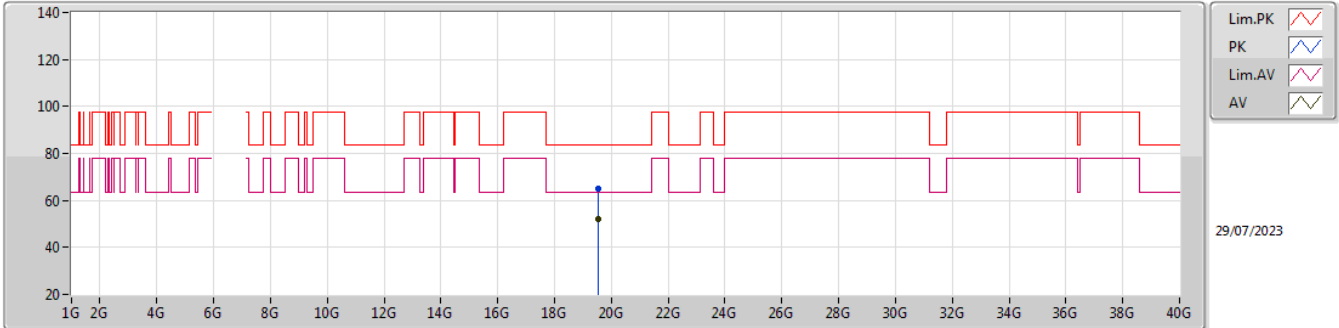


EUT X_2TX
Setting 25
03-I-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.03528G	60.93	88.20	-27.27	40.69	3	Horizontal	260	2.01	-	39.57	13.93	33.26			
RMS	13.02768G	48.75	68.20	-19.45	28.54	3	Horizontal	260	2.01	-	39.56	13.92	33.27			

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6515MHz_TX

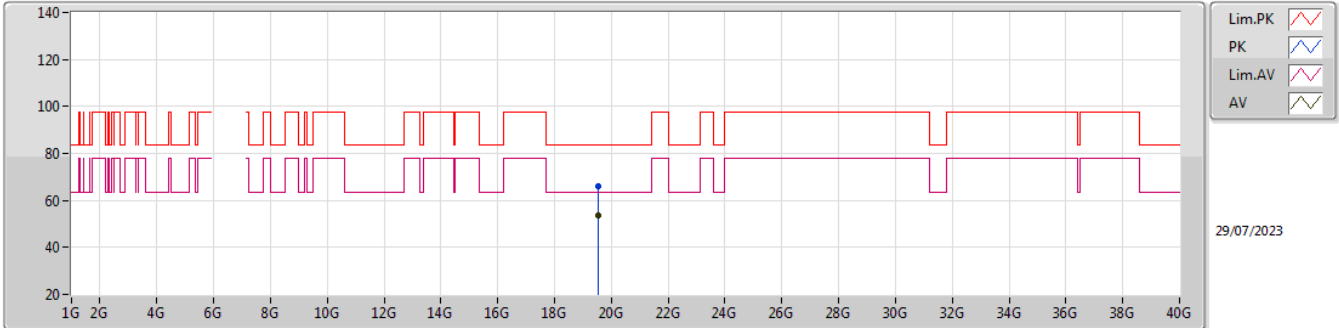


EUT X_2TX
Setting 25
03-I-M-2

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	19.54951G	64.86	83.54	-18.68	61.55	1	Vertical	51	1.57	-	37.68	17.08	51.45			
AV	19.55101G	52.27	63.54	-11.27	48.96	1	Vertical	51	1.57	-	37.68	17.08	51.45			

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6515MHz_TX

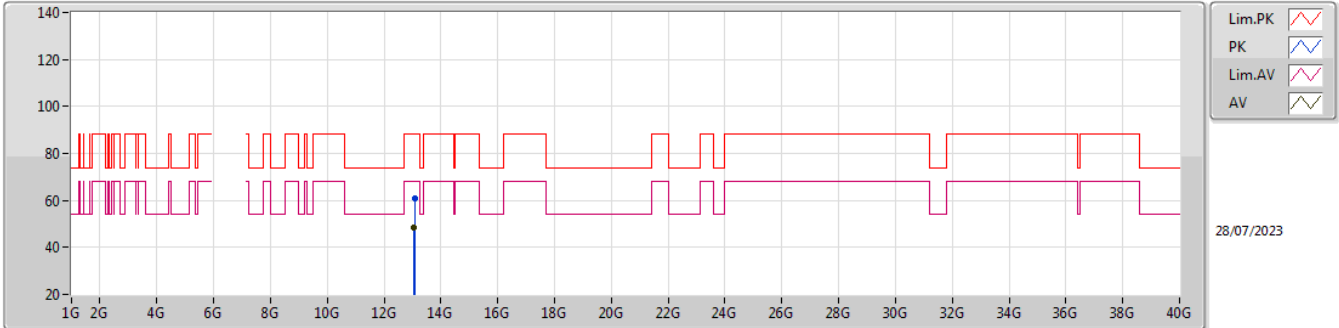


EUT_X_2TX
Setting 25
03-I-M-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	19.5355G	66.10	83.54	-17.44	62.78	1	Horizontal	51	1.60	-	37.69	17.07	51.44			
AV	19.5465G	53.75	63.54	-9.79	50.45	1	Horizontal	51	1.60	-	37.68	17.07	51.45			

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6535MHz_TX

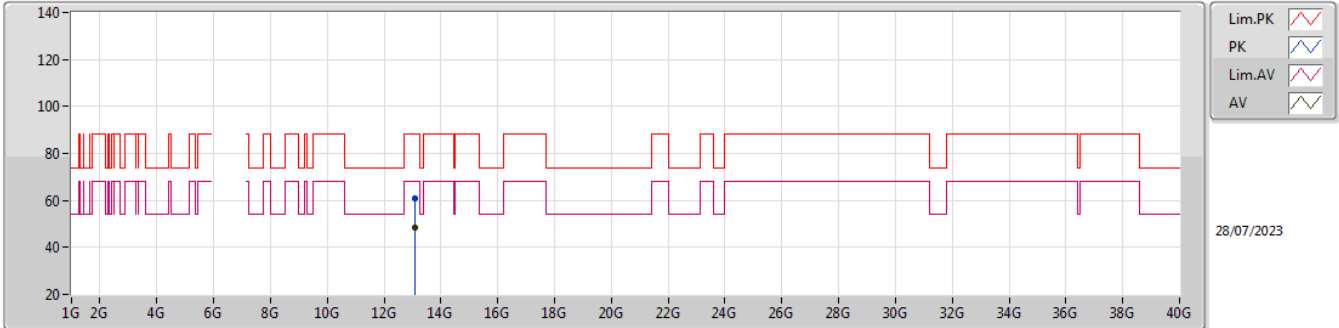


EUT X_2TX
Setting 25
03-I-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.07508G	61.04	88.20	-27.16	40.64	3	Vertical	188	2.99	-	39.65	13.96	33.21			
RMS	13.06688G	48.65	68.20	-19.55	28.29	3	Vertical	188	2.99	-	39.63	13.95	33.22			

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6535MHz_TX

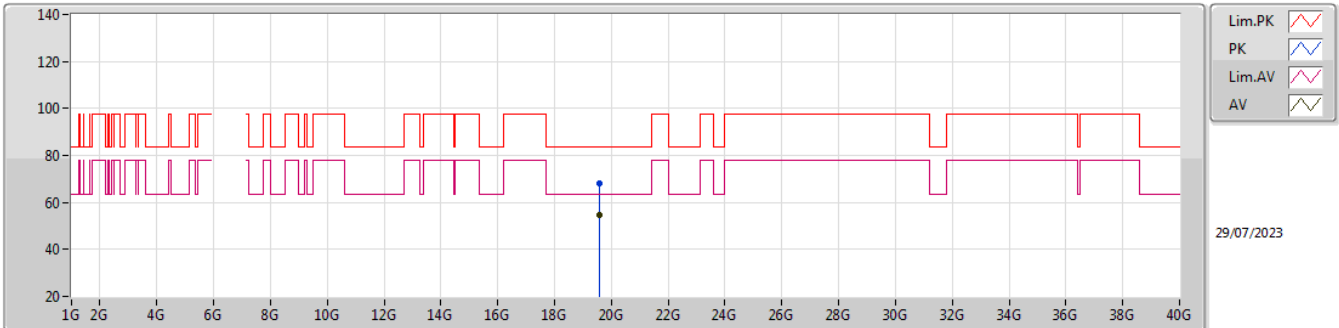


EUT X_2TX
Setting 25
03-I-A-4

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	13.07484G	60.61	88.20	-27.59	40.21	3	Horizontal	79	2.86	-	39.65	13.96	33.21			
RMS	13.07672G	48.65	68.20	-19.55	28.25	3	Horizontal	79	2.86	-	39.65	13.96	33.21			

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6535MHz_TX

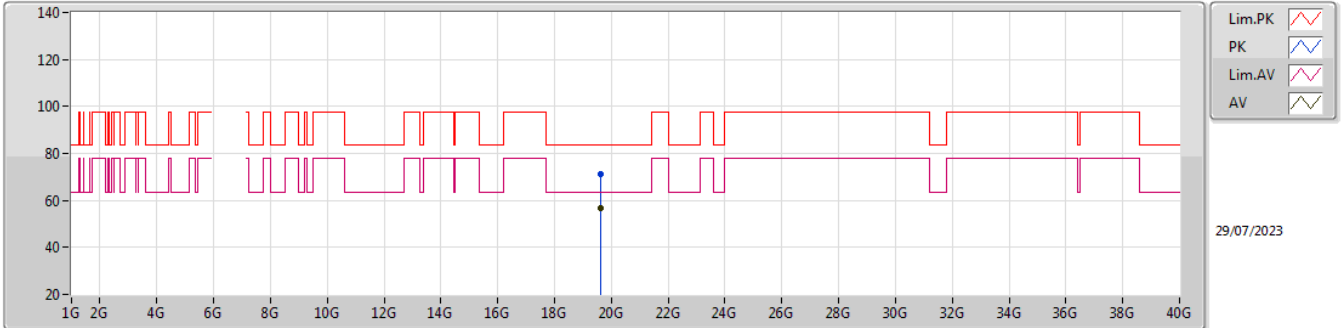


EUT X_2TX
Setting 25
03-I-M-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	19.60201G	67.98	83.54	-15.56	64.72	1	Vertical	51	1.55	-	37.66	17.10	51.50			
AV	19.60201G	54.54	63.54	-9.00	51.28	1	Vertical	51	1.55	-	37.66	17.10	51.50			

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6535MHz_TX

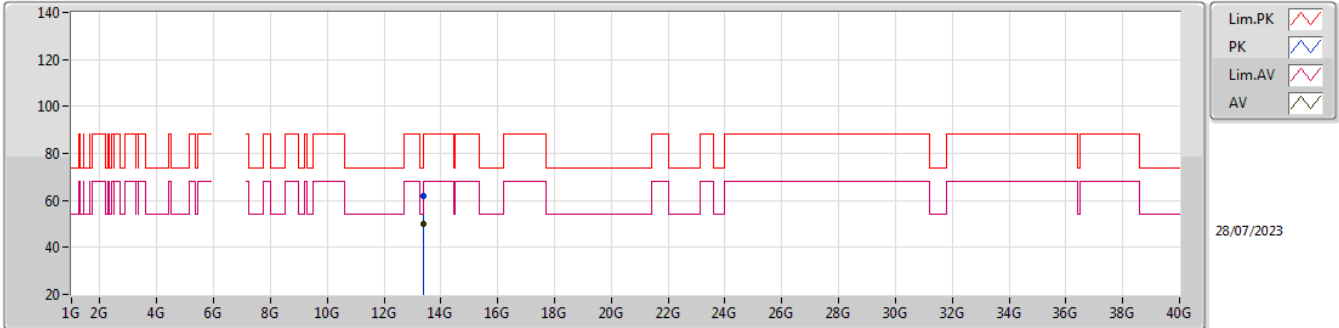


EUT X_2TX
Setting 25
03-I-M-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	19.6055G	71.24	83.54	-12.30	67.99	1	Horizontal	51	1.60	-	37.66	17.10	51.51			
AV	19.6055G	56.63	63.54	-6.91	53.38	1	Horizontal	51	1.60	-	37.66	17.10	51.51			

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6695MHz_TX

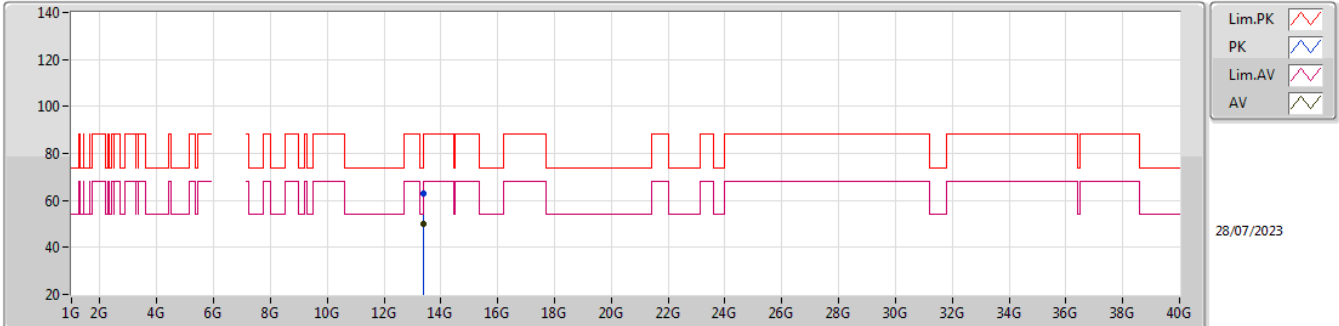


EUT X_2TX
Setting 25
03-I-A-4

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	13.38984G	62.10	74.00	-11.90	40.53	3	Vertical	203	1.73	-	40.19	14.21	32.83			
AV	13.38912G	49.99	54.00	-4.01	28.42	3	Vertical	203	1.73	-	40.19	14.21	32.83			

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6695MHz_TX

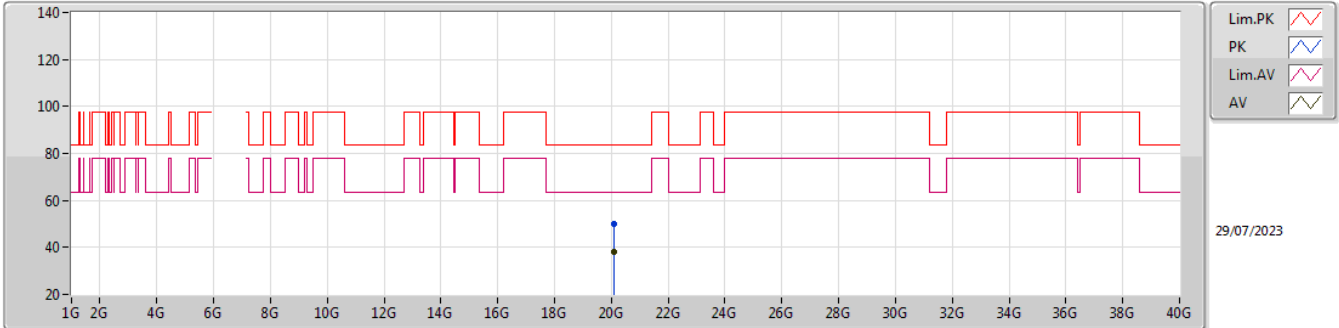


EUT X_2TX
Setting 25
03-I-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.39092G	62.74	74.00	-11.26	41.17	3	Horizontal	244	2.26	-	40.19	14.21	32.83			
AV	13.39416G	50.00	54.00	-4.00	28.42	3	Horizontal	244	2.26	-	40.19	14.22	32.83			

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6695MHz_TX

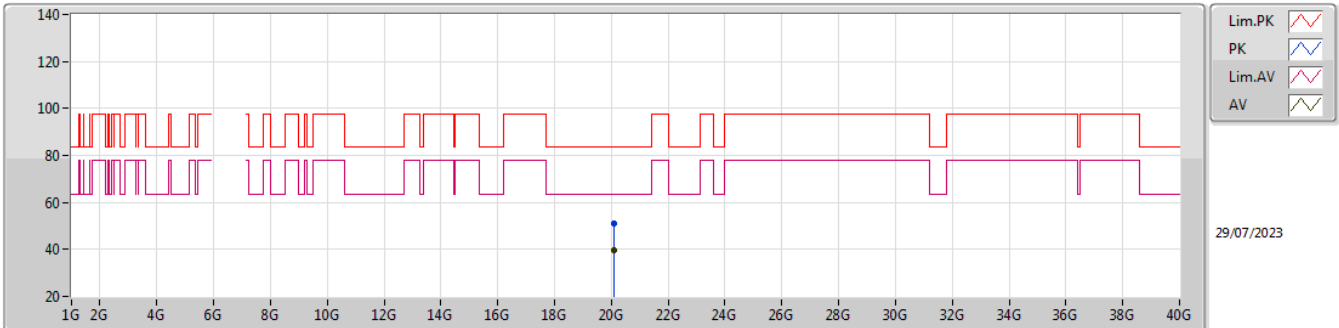


EUT X_2TX
Setting 25
03-I-M-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	20.0865G	49.78	83.54	-33.76	46.93	1	Vertical	354	1.77	-	37.47	17.30	51.92			
AV	20.087G	38.28	63.54	-25.26	35.43	1	Vertical	354	1.77	-	37.47	17.30	51.92			

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6695MHz_TX

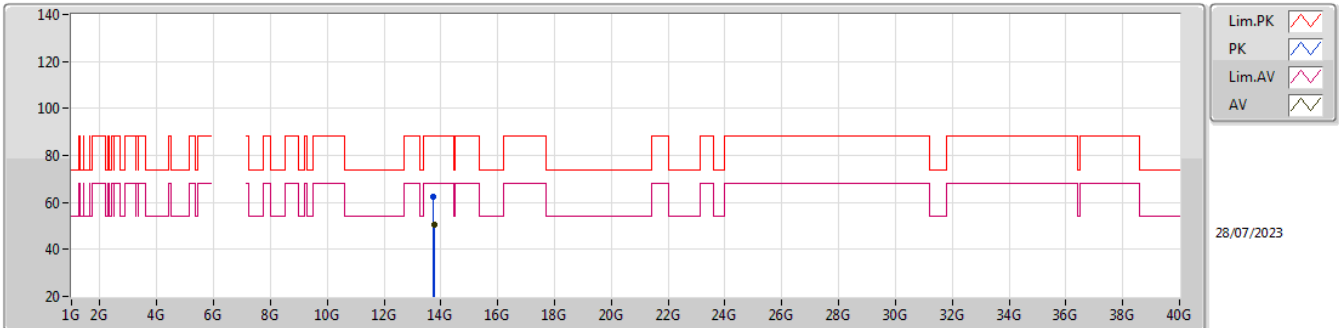


EUT X_2TX
Setting 25
03-I-M-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	20.093G	50.95	83.54	-32.59	48.10	1	Horizontal	46	1.50	-	37.47	17.30	51.92			
AV	20.084G	39.84	63.54	-23.70	36.99	1	Horizontal	46	1.50	-	37.47	17.30	51.92			

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6875MHz Straddle 6.525-6.875GHz_TX

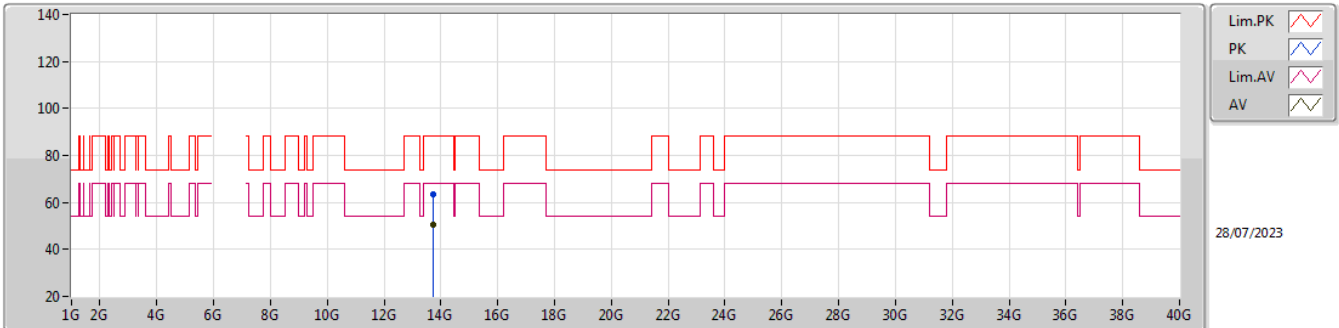


EUT X_2TX
Setting 25
03-I-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.74252G	62.67	88.20	-25.53	40.19	3	Vertical	349	2.28	-	40.64	14.49	32.65			
RMS	13.75976G	50.60	68.20	-17.60	28.08	3	Vertical	349	2.28	-	40.66	14.51	32.65			

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6875MHz Straddle 6.525-6.875GHz_TX

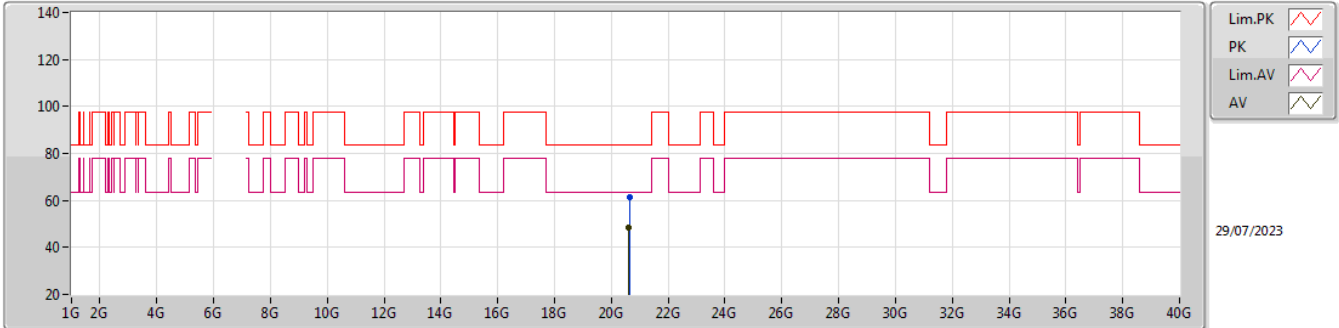


EUT X_2TX
Setting 25
03-I-A-4

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	13.74964G	63.40	88.20	-24.80	40.90	3	Horizontal	330	1.07	-	40.65	14.50	32.65			
RMS	13.7434G	50.60	68.20	-17.60	28.12	3	Horizontal	330	1.07	-	40.64	14.49	32.65			

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6875MHz Straddle 6.525-6.875GHz_TX

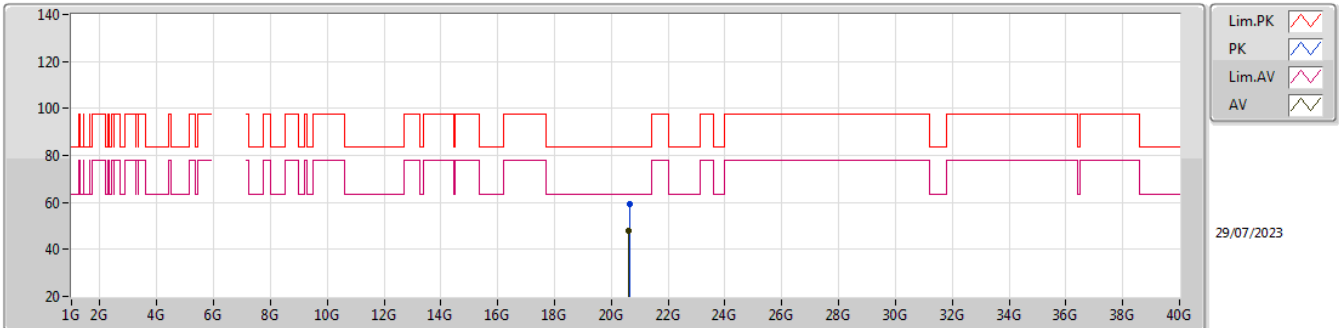


EUT X_2TX
Setting 25
03-I-M-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	20.633G	61.49	83.54	-22.05	58.23	1	Vertical	2.5	1.50	-	37.75	17.54	52.03			
AV	20.623G	48.52	63.54	-15.02	45.26	1	Vertical	2.5	1.50	-	37.75	17.53	52.02			

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6875MHz Straddle 6.525-6.875GHz_TX

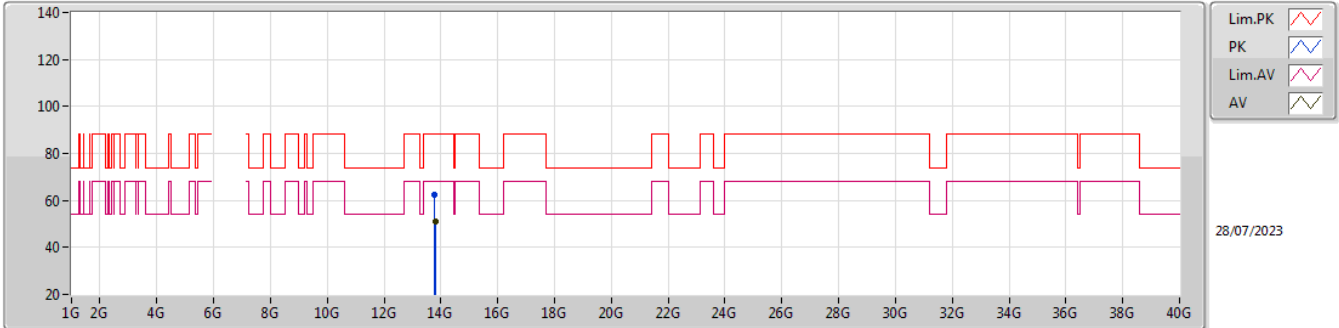


EUT X_2TX
Setting 25
03-I-M-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	20.6335G	59.54	83.54	-24.00	56.28	1	Horizontal	50	1.50	-	37.75	17.54	52.03			
AV	20.6235G	47.73	63.54	-15.81	44.47	1	Horizontal	50	1.50	-	37.75	17.53	52.02			

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6895MHz_TX

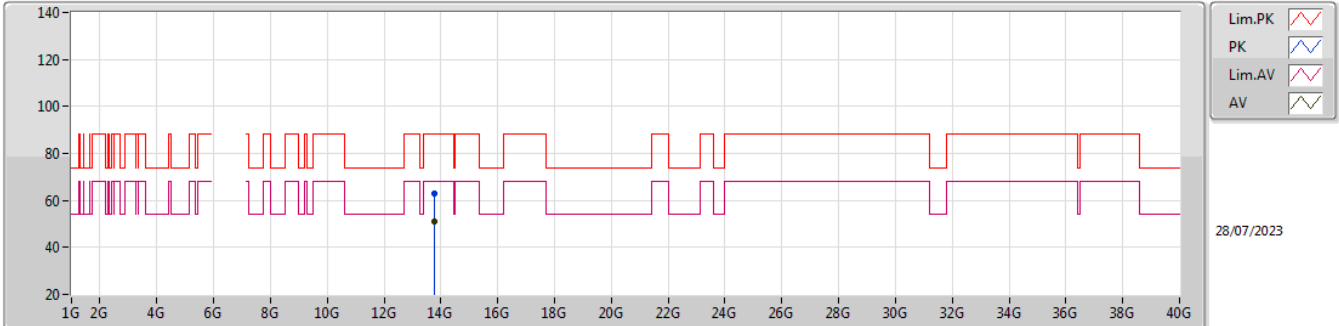


EUT X_2TX
Setting 25
03-I-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.7896G	62.65	88.20	-25.55	40.07	3	Vertical	241	1.13	-	40.69	14.53	32.64			
RMS	13.7936G	50.84	68.20	-17.36	28.26	3	Vertical	241	1.13	-	40.69	14.53	32.64			

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6895MHz_TX

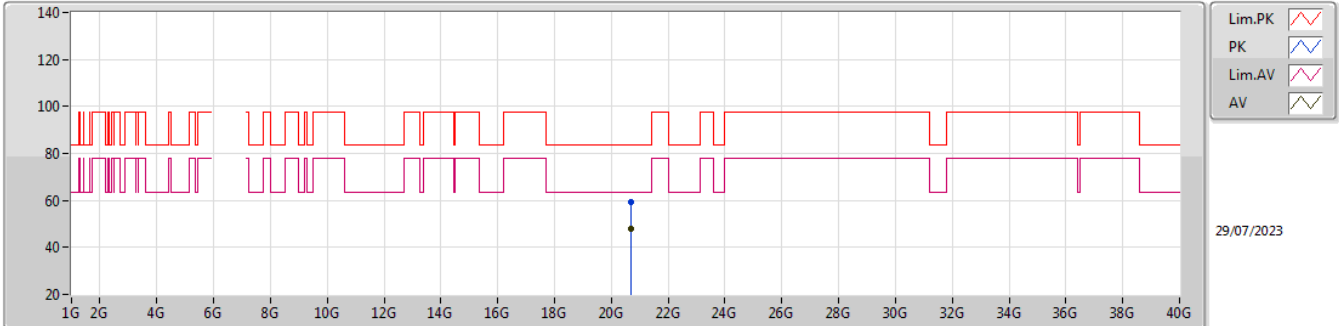


EUT X_2TX
Setting 25
03-I-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.78168G	63.06	88.20	-25.14	40.49	3	Horizontal	267	2.35	-	40.68	14.53	32.64			
RMS	13.78608G	50.83	68.20	-17.37	28.25	3	Horizontal	267	2.35	-	40.69	14.53	32.64			

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6895MHz_TX

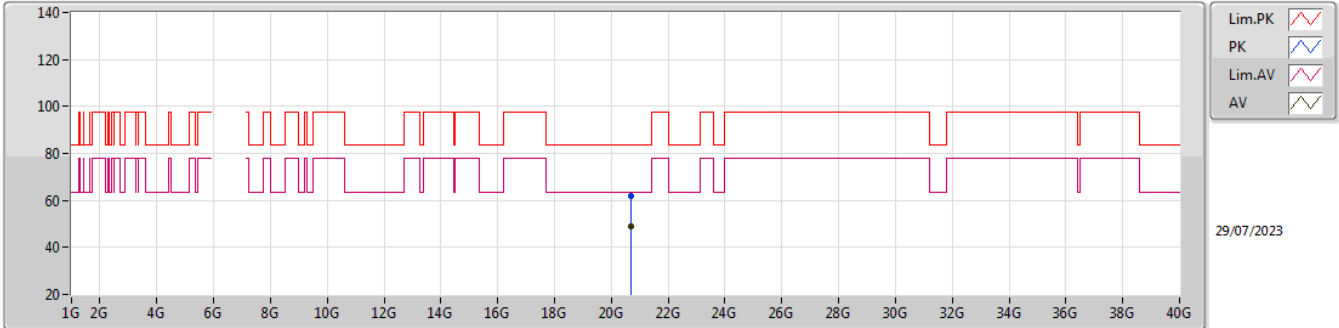


EUT X_2TX
Setting 25
03-I-M-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	20.6835G	59.55	83.54	-23.99	56.25	1	Vertical	1	1.49	-	37.78	17.56	52.04			
AV	20.6825G	47.99	63.54	-15.55	44.70	1	Vertical	1	1.49	-	37.77	17.56	52.04			

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6895MHz_TX

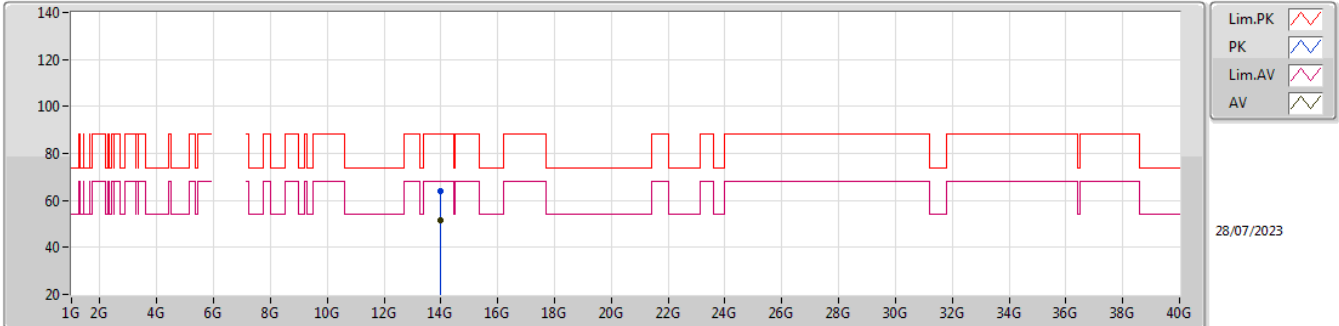


EUT X_2TX
Setting 25
03-I-M-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	20.6835G	62.02	83.54	-21.52	58.73	1	Horizontal	52	1.53	-	37.77	17.56	52.04			
AV	20.6835G	48.84	63.54	-14.70	45.55	1	Horizontal	52	1.53	-	37.77	17.56	52.04			

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6995MHz_TX

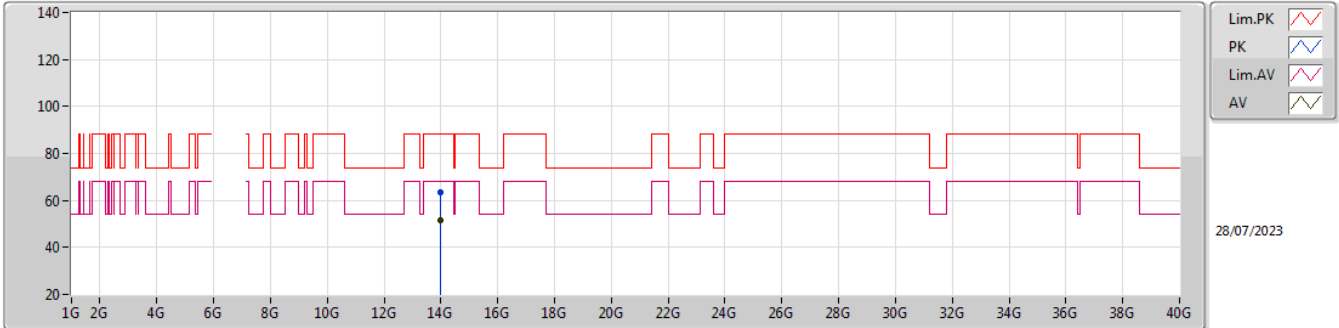


EUT X_2TX
Setting 25
03-I-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.98372G	63.85	88.20	-24.35	40.53	3	Vertical	189	2.81	-	41.23	14.69	32.60			
RMS	13.98184G	51.46	68.20	-16.74	28.14	3	Vertical	189	2.81	-	41.23	14.69	32.60			

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6995MHz_TX



EUT X_2TX
Setting 25
03-I-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.99416G	63.51	88.20	-24.69	40.13	3	Horizontal	116	2.32	-	41.28	14.70	32.60			
RMS	13.98124G	51.44	68.20	-16.76	28.14	3	Horizontal	116	2.32	-	41.22	14.68	32.60			

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6995MHz_TX

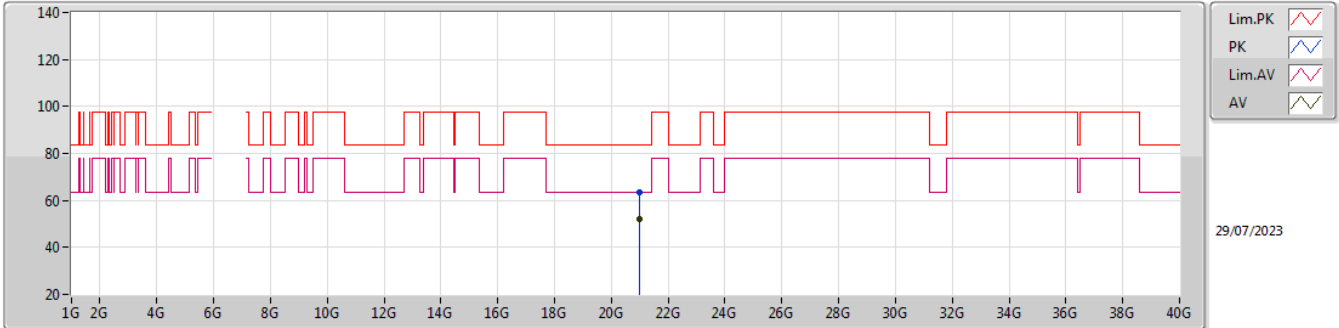


EUT X_2TX
Setting 25
03-I-M-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	20.96685G	58.82	83.54	-24.72	55.00	1	Vertical	52	1.53	-	38.23	17.68	52.09			
AV	20.95605G	46.12	63.54	-17.42	42.32	1	Vertical	52	1.53	-	38.21	17.68	52.09			

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6995MHz_TX

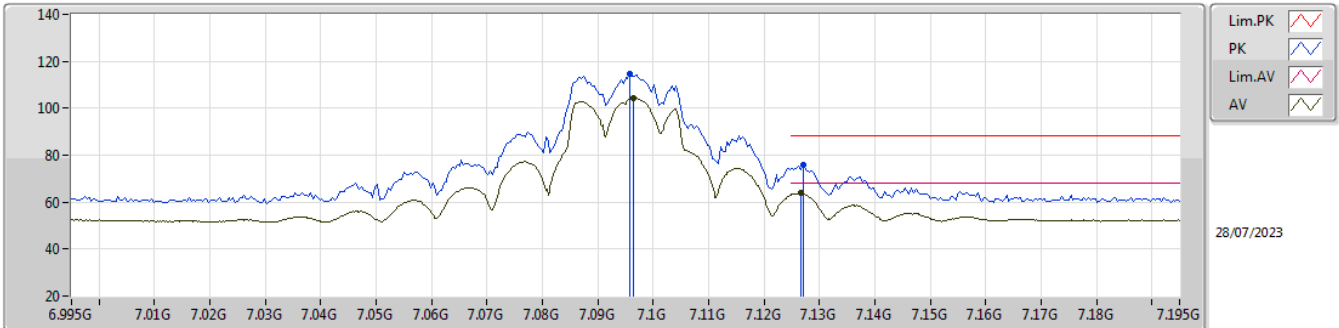


EUT X_2TX
Setting 25
03-I-M-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	20.989G	63.44	83.54	-20.10	59.57	1	Horizontal	3	1.50	-	38.28	17.69	52.10			
AV	20.9865G	51.84	63.54	-11.70	47.98	1	Horizontal	3	1.50	-	38.27	17.69	52.10			

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

7095MHz_TX

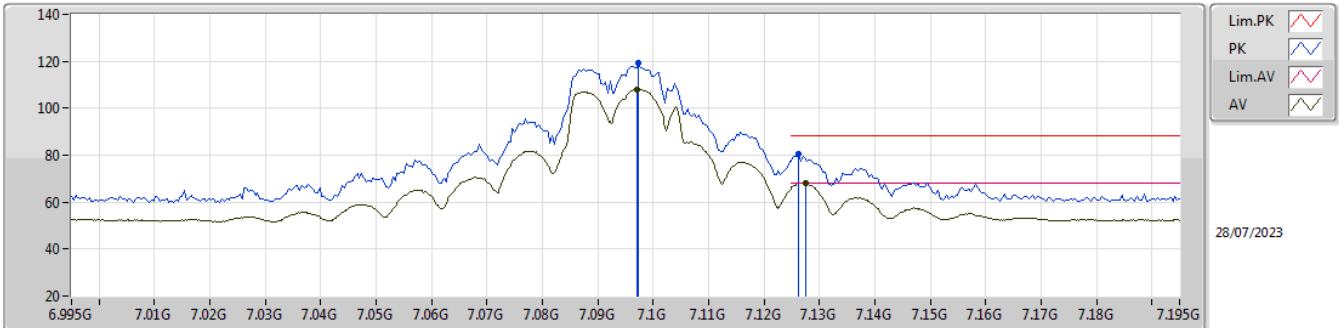


EUT X_2TX
Setting 21.5
03-I-A-4-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	7.0958G	114.50	Inf	-Inf	105.64	3	Vertical	32	1.95	-	35.87	8.49	35.50			
RMS	7.0964G	104.41	Inf	-Inf	95.54	3	Vertical	32	1.95	-	35.88	8.49	35.50			
PK	7.127G	75.92	88.20	-12.28	66.91	3	Vertical	32	1.95	-	35.95	8.55	35.49			
RMS	7.1266G	63.80	68.20	-4.40	54.79	3	Vertical	32	1.95	-	35.95	8.55	35.49			

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

7095MHz_TX

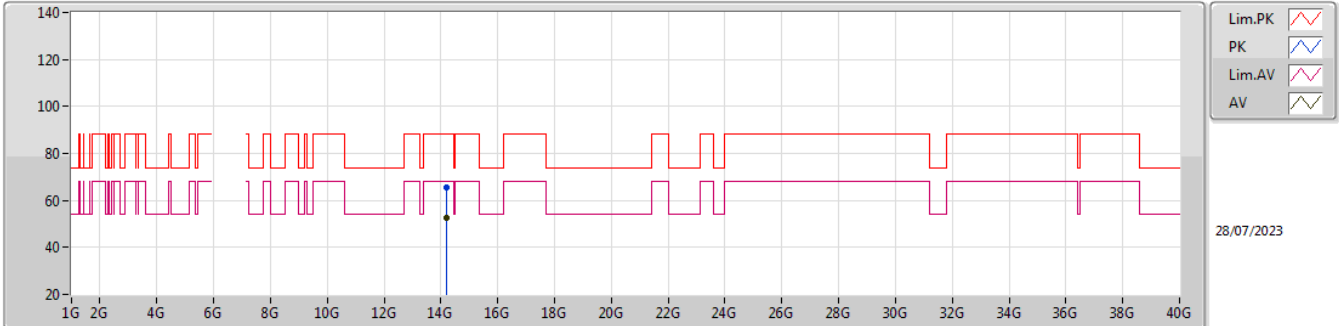


EUT X_2TX
Setting 21.5
03-I-A-4-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	7.0974G	119.12	Inf	-Inf	110.25	3	Horizontal	68	2.74	-	35.88	8.49	35.50			
RMS	7.097G	108.06	Inf	-Inf	99.19	3	Horizontal	68	2.74	-	35.88	8.49	35.50			
PK	7.1262G	80.35	88.20	-7.85	71.34	3	Horizontal	68	2.74	-	35.95	8.55	35.49			
RMS	7.1276G	68.14	68.20	-0.06	59.11	3	Horizontal	68	2.74	-	35.96	8.56	35.49			

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

7095MHz_TX

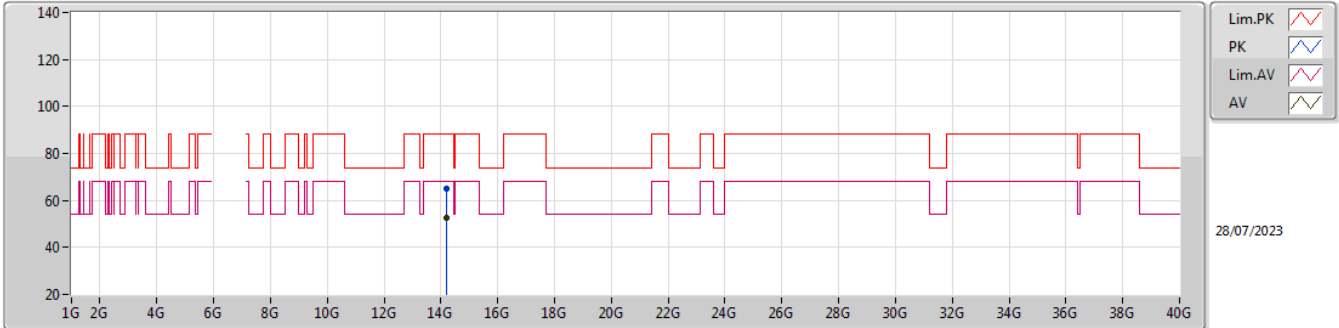


EUT X_2TX
Setting 21.5
03-I-A-4

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	14.18624G	65.34	88.20	-22.86	41.39	3	Vertical	158	1.07	-	41.74	14.89	32.68			
RMS	14.19908G	52.71	68.20	-15.49	28.70	3	Vertical	158	1.07	-	41.80	14.90	32.69			

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

7095MHz_TX

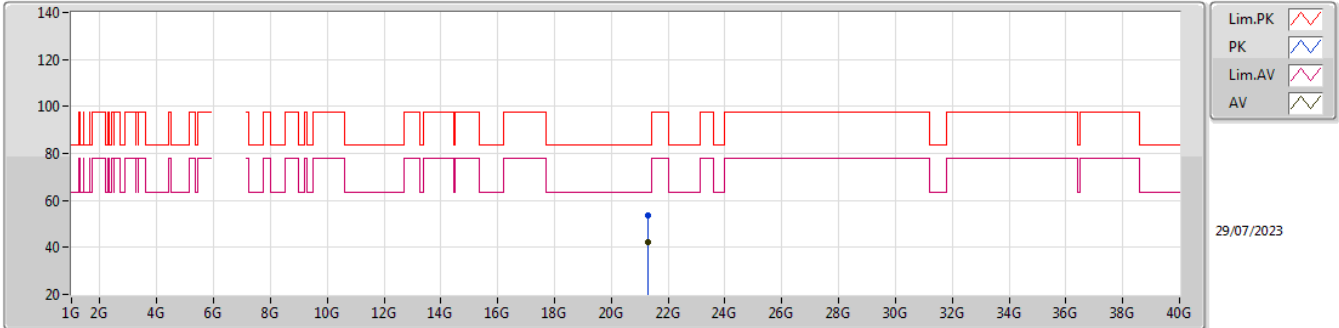


EUT X_2TX
Setting 21.5
03-I-A-4

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	14.19784G	64.85	88.20	-23.35	40.85	3	Horizontal	144	1.80	-	41.79	14.90	32.69			
RMS	14.19088G	52.58	68.20	-15.62	28.61	3	Horizontal	144	1.80	-	41.76	14.89	32.68			

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

7095MHz_TX

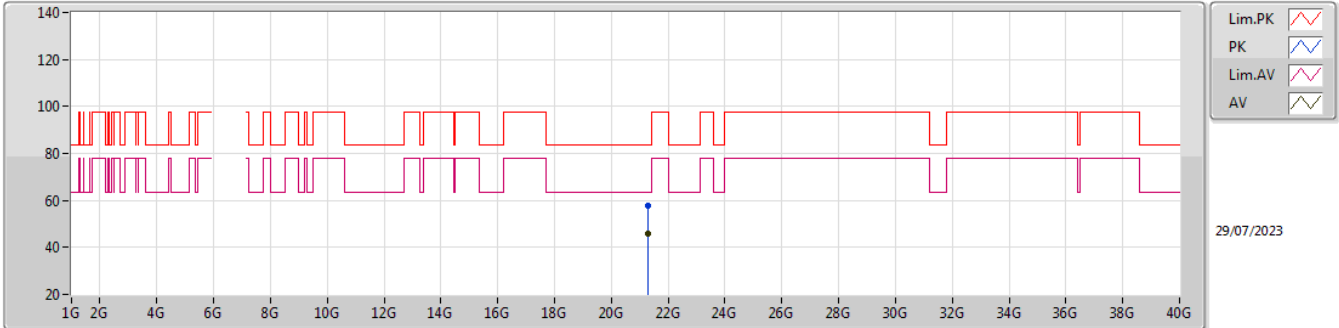


EUT_X_2TX
Setting 21.5
03-I-M-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	21.2855G	53.72	83.54	-29.82	49.93	1	Vertical	52	1.51	-	38.07	17.82	52.10			
AV	21.2835G	42.24	63.54	-21.30	38.45	1	Vertical	52	1.51	-	38.07	17.82	52.10			

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

7095MHz_TX

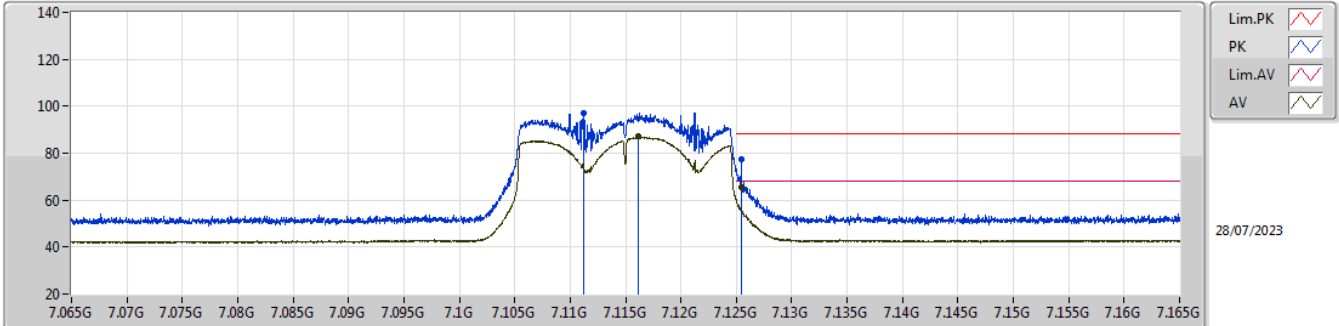


EUT_X_2TX
Setting 21.5
03-I-M-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	21.2875G	57.74	83.54	-25.80	53.95	1	Horizontal	45	1.50	-	38.07	17.82	52.10			
AV	21.288G	46.07	63.54	-17.47	42.28	1	Horizontal	45	1.50	-	38.07	17.82	52.10			

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

7115MHz_TX

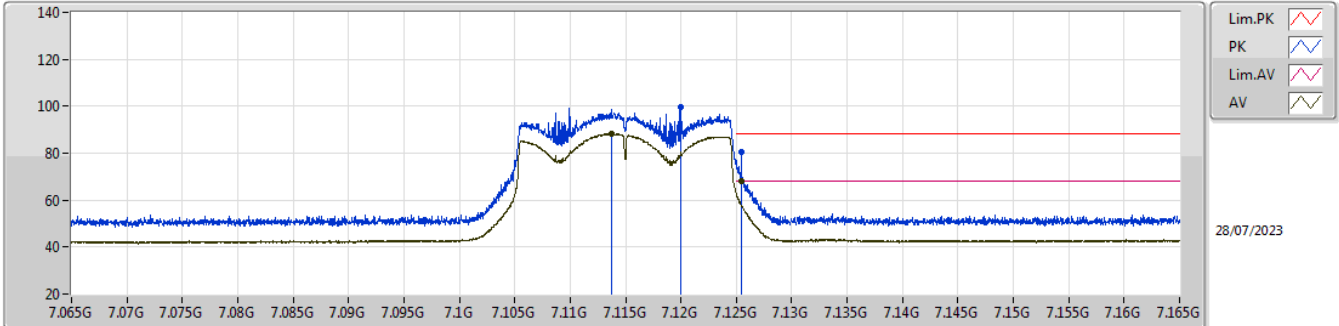


EUT X_2TX
Setting 14
03-I-R-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
RMS	7.1255G	65.58	68.20	-2.62	56.57	3	Vertical	27	1.98	BP 1MHz	35.95	8.55	35.49			
RMS	7.11618G	86.99	Inf	-Inf	78.02	3	Vertical	27	1.98	-	35.93	8.53	35.49			
PK	7.1255G	77.62	88.20	-10.58	68.61	3	Vertical	27	1.98	BP 1MHz	35.95	8.55	35.49			
PK	7.11123G	97.12	Inf	-Inf	88.18	3	Vertical	27	1.98	-	35.92	8.52	35.50			

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

7115MHz_TX

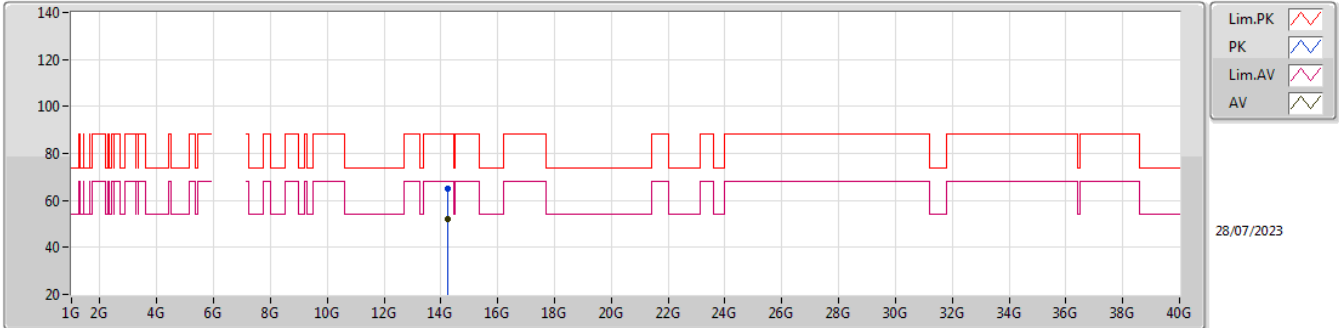


EUT X_2TX
Setting 14
03-I-R-7-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
RMS	7.1255G	68.19	68.20	-0.01	59.18	3	Horizontal	72	1.00	BP 1MHz	35.95	8.55	35.49			
RMS	7.11378G	88.30	Inf	-Inf	79.33	3	Horizontal	72	1.00	-	35.93	8.53	35.49			
PK	7.1255G	80.53	88.20	-7.67	71.52	3	Horizontal	72	1.00	BP 1MHz	35.95	8.55	35.49			
PK	7.11998G	99.44	Inf	-Inf	90.45	3	Horizontal	72	1.00	-	35.94	8.54	35.49			

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

7115MHz_TX

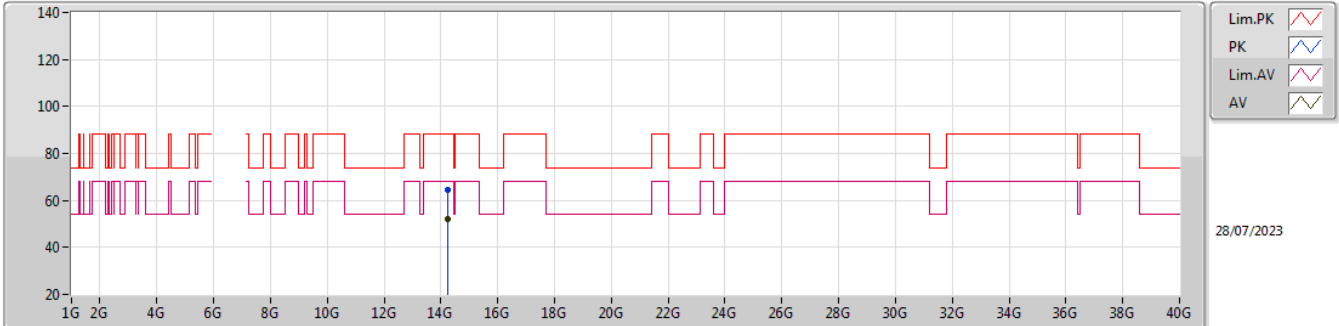


EUT X_2TX
Setting 14
03-I-A-4

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	14.22492G	65.19	88.20	-23.01	41.17	3	Vertical	360	1.24	-	41.80	14.92	32.70			
RMS	14.2266G	52.27	68.20	-15.93	28.24	3	Vertical	360	1.24	-	41.80	14.93	32.70			

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

7115MHz_TX

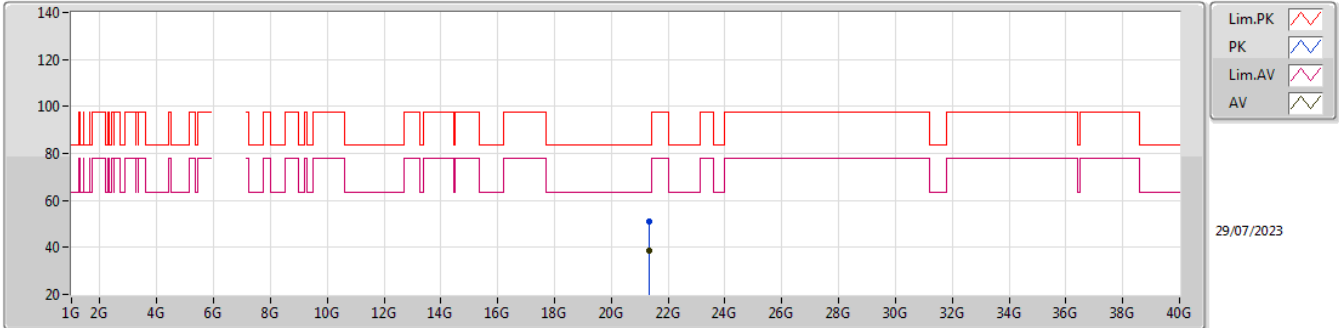


EUT X_2TX
Setting 14
03-I-A-4

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	14.23976G	64.58	88.20	-23.62	40.55	3	Horizontal	159	2.48	-	41.80	14.94	32.71			
RMS	14.2364G	52.27	68.20	-15.93	28.23	3	Horizontal	159	2.48	-	41.80	14.94	32.70			

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

7115MHz_TX

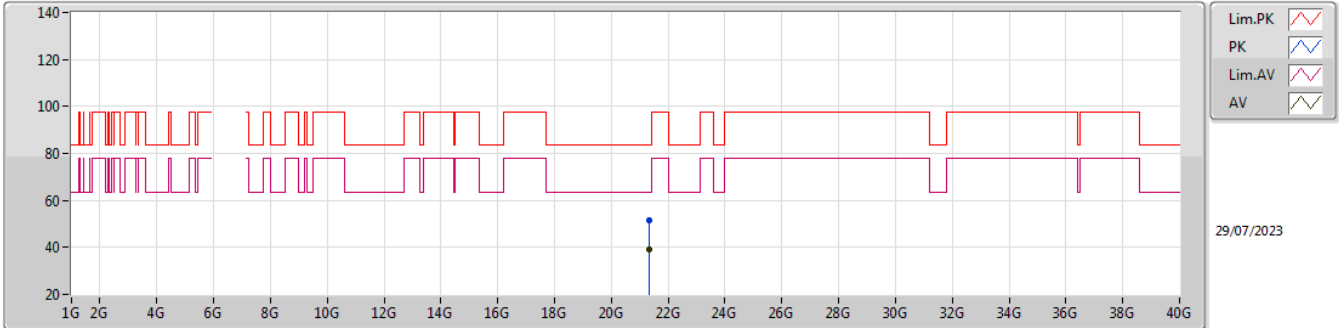


EUT X_2TX
Setting 14
03-I-M-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	21.346G	50.83	83.54	-32.71	47.06	1	Vertical	2	1.50	-	38.02	17.85	52.10			
AV	21.347G	38.55	63.54	-24.99	34.78	1	Vertical	2	1.50	-	38.02	17.85	52.10			

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

7115MHz_TX

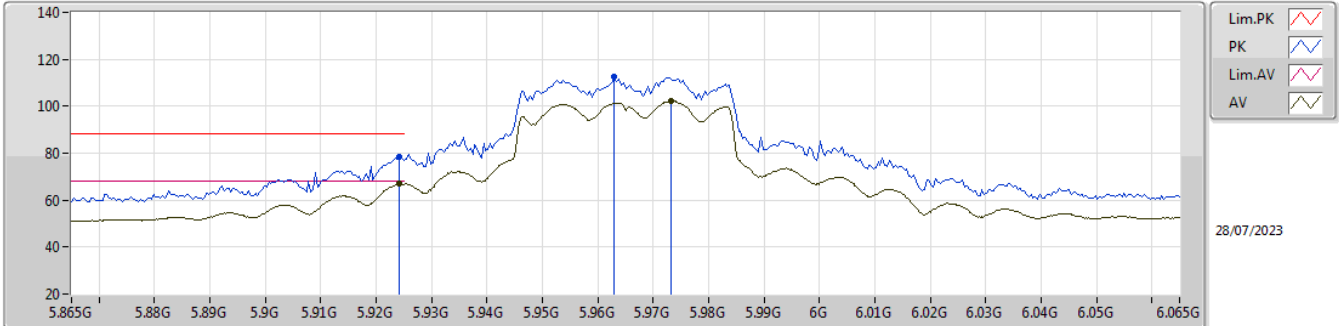


EUT X_2TX
Setting 14
03-I-M-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	21.3495G	51.64	83.54	-31.90	47.87	1	Horizontal	45	1.55	-	38.02	17.85	52.10			
AV	21.3495G	39.11	63.54	-24.43	35.34	1	Horizontal	45	1.55	-	38.02	17.85	52.10			

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5965MHz_TX

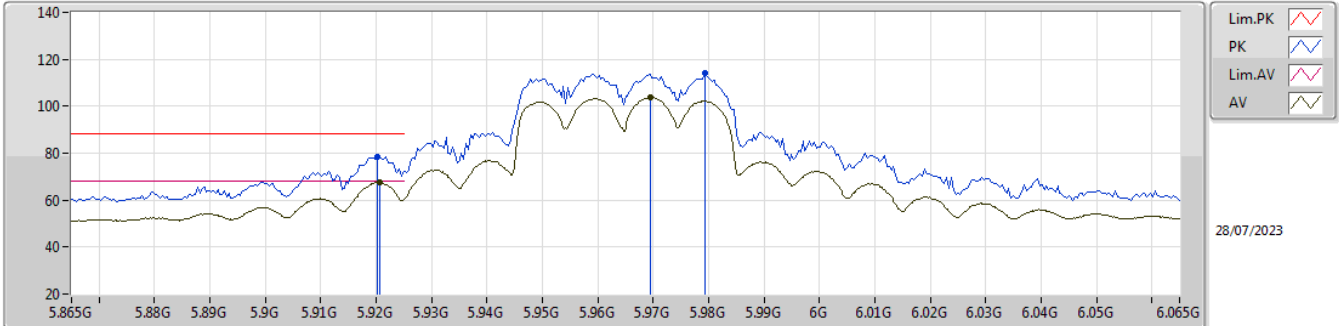


EUT X_2TX
Setting 20.5
03-I-A-4-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.9242G	78.19	88.20	-10.01	71.48	3	Vertical	21	1.57	-	34.55	7.26	35.10			
RMS	5.9242G	66.98	68.20	-1.22	60.27	3	Vertical	21	1.57	-	34.55	7.26	35.10			
PK	5.963G	112.81	Inf	-Inf	106.02	3	Vertical	21	1.57	-	34.63	7.28	35.12			
RMS	5.9732G	102.21	Inf	-Inf	95.40	3	Vertical	21	1.57	-	34.65	7.29	35.13			

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5965MHz_TX

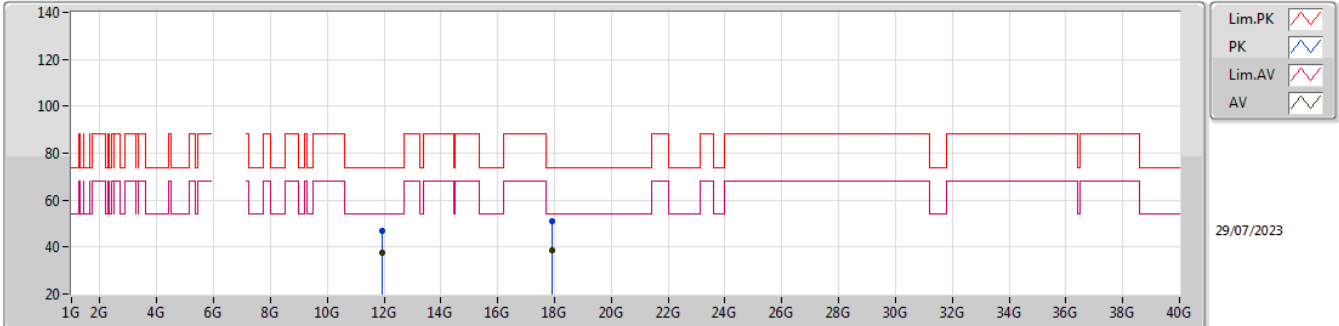


EUT_X_2TX
Setting 20.5
03-I-A-4-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.9202G	78.44	88.20	-9.76	71.74	3	Horizontal	68	3.00	-	34.54	7.26	35.10			
RMS	5.9206G	67.47	68.20	-0.73	60.77	3	Horizontal	68	3.00	-	34.54	7.26	35.10			
PK	5.9794G	114.35	Inf	-Inf	107.53	3	Horizontal	68	3.00	-	34.66	7.29	35.13			
RMS	5.9696G	103.69	Inf	-Inf	96.90	3	Horizontal	68	3.00	-	34.64	7.28	35.13			

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5965MHz_TX

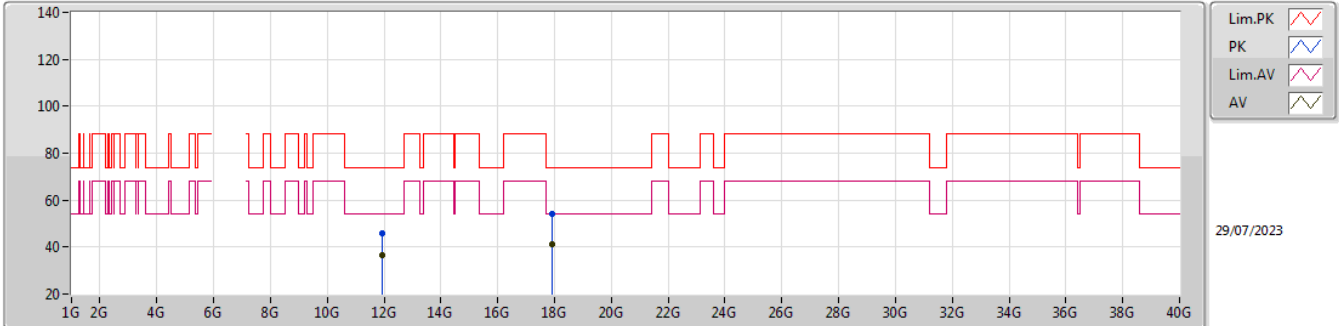


EUT X_2TX
Setting 20.5
03-I-A-4

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	11.92976G	46.74	74.00	-27.26	59.50	3	Vertical	3	1.22	-	39.34	13.06	65.16			
AV	11.92992G	37.35	54.00	-16.65	50.11	3	Vertical	3	1.22	-	39.34	13.06	65.16			
PK	17.89888G	50.98	74.00	-23.02	51.32	3	Vertical	32	1.00	-	44.70	17.84	62.88			
AV	17.90104G	38.73	54.00	-15.27	39.07	3	Vertical	32	1.00	-	44.70	17.84	62.88			

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5965MHz_TX

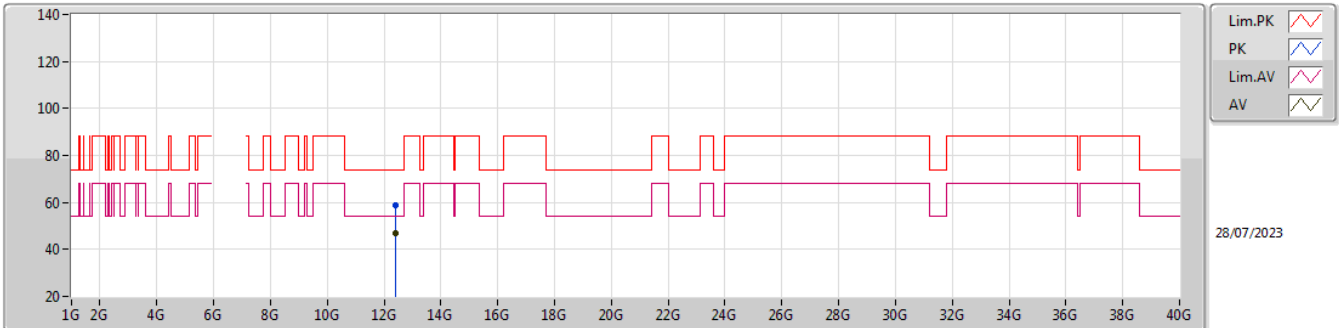


EUT X_2TX
Setting 20.5
03-I-A-4

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	11.93012G	46.10	74.00	-27.90	58.86	3	Horizontal	48	1.87	-	39.34	13.06	65.16			
AV	11.92992G	36.72	54.00	-17.28	49.48	3	Horizontal	48	1.87	-	39.34	13.06	65.16			
PK	17.905G	53.94	74.00	-20.06	54.27	3	Horizontal	323	1.80	-	44.71	17.84	62.88			
AV	17.89468G	40.96	54.00	-13.04	41.30	3	Horizontal	323	1.80	-	44.69	17.84	62.87			

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6205MHz_TX

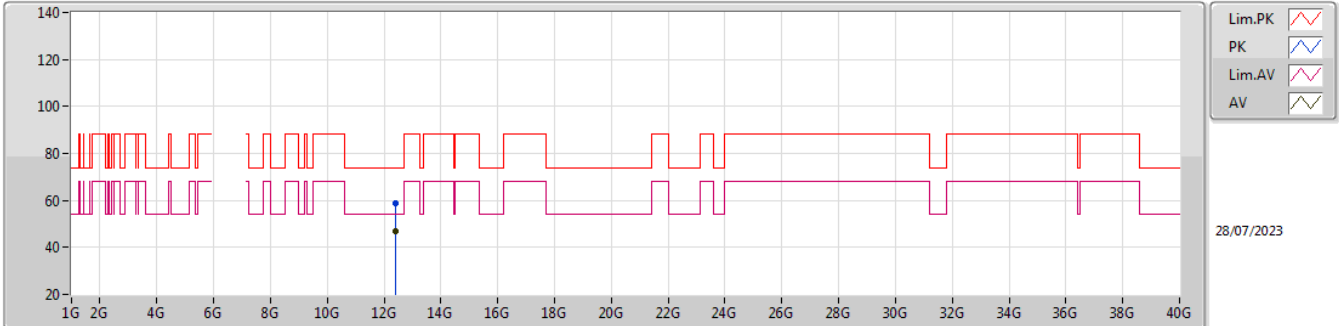


EUT X_2TX
Setting 25
03-I-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	12.41G	58.69	74.00	-15.31	40.51	3	Vertical	258	2.71	-	38.80	13.43	34.05			
AV	12.40304G	46.83	54.00	-7.17	28.66	3	Vertical	258	2.71	-	38.80	13.42	34.05			

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6205MHz_TX

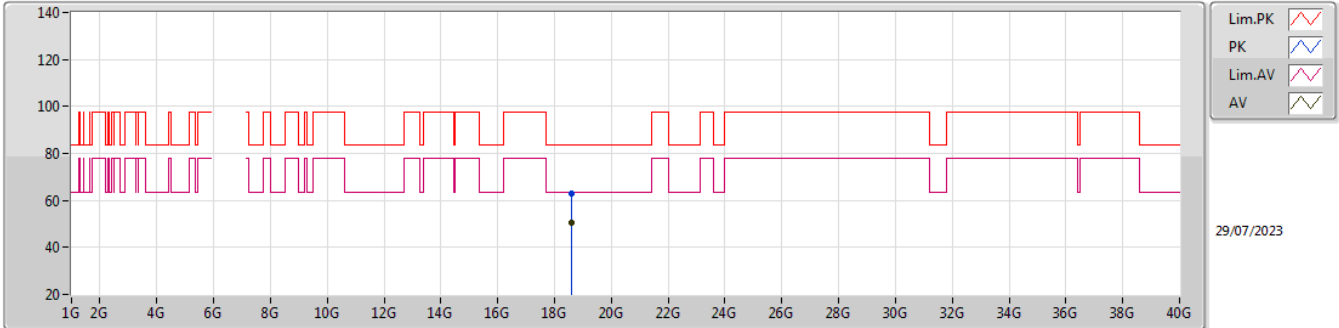


EUT X_2TX
Setting 25
03-I-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	12.41428G	58.79	74.00	-15.21	40.60	3	Horizontal	72	2.89	-	38.80	13.43	34.04			
AV	12.40012G	46.74	54.00	-7.26	28.57	3	Horizontal	72	2.89	-	38.80	13.42	34.05			

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6205MHz_TX

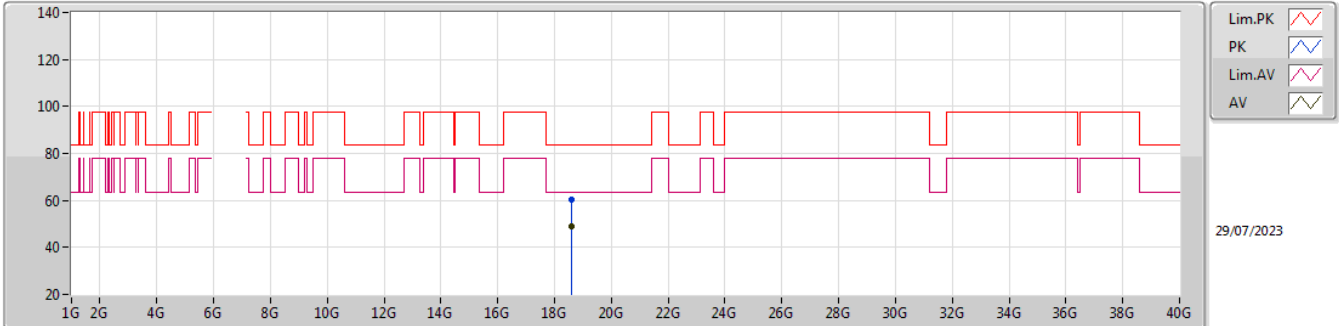


EUT X_2TX
Setting 25
03-I-M-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	18.609G	62.77	83.54	-20.77	58.85	1	Vertical	53	1.49	-	37.64	16.69	50.41			
AV	18.609G	50.54	63.54	-13.00	46.62	1	Vertical	53	1.49	-	37.64	16.69	50.41			

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6205MHz_TX

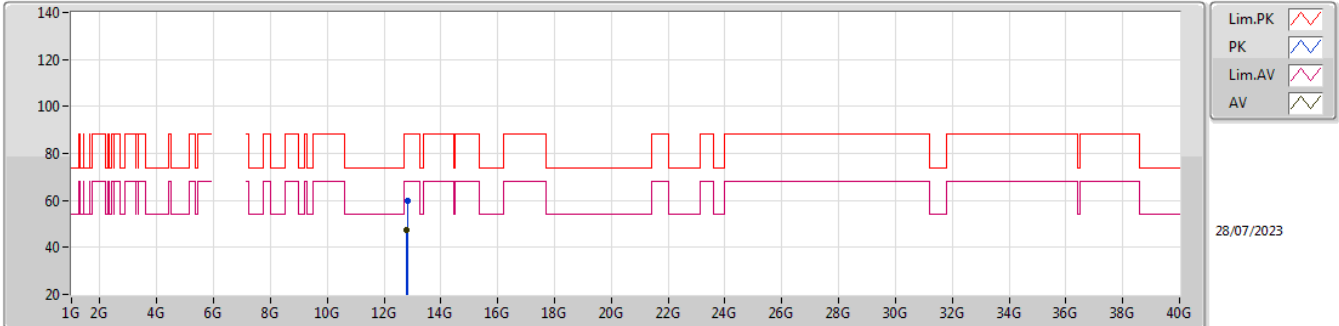


EUT X_2TX
Setting 25
03-I-M-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	18.6186G	60.21	83.54	-23.33	56.29	1	Horizontal	51	1.49	-	37.65	16.69	50.42			
AV	18.6186G	48.77	63.54	-14.77	44.85	1	Horizontal	51	1.49	-	37.65	16.69	50.42			

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6405MHz_TX

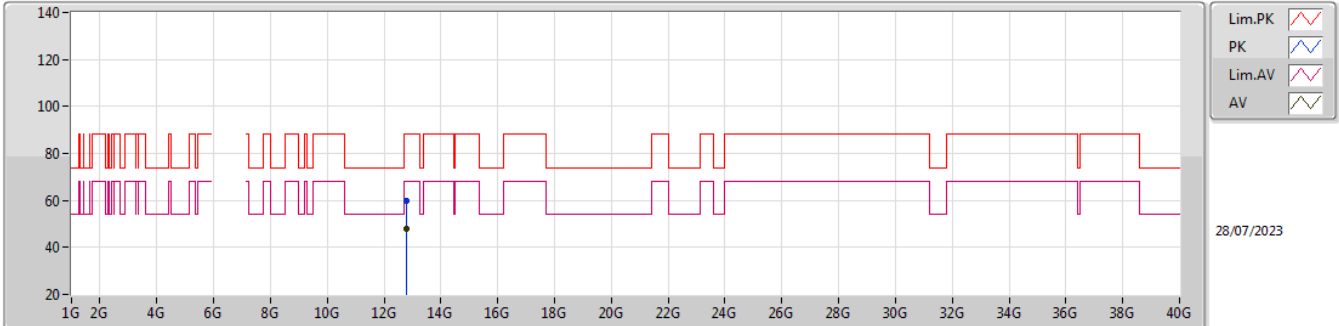


EUT X_2TX
Setting 25
03-I-A-4

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	12.81656G	59.95	88.20	-28.25	40.62	3	Vertical	63	2.15	-	39.13	13.75	33.55			
RMS	12.8042G	47.66	68.20	-20.54	28.38	3	Vertical	63	2.15	-	39.11	13.74	33.57			

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6405MHz_TX

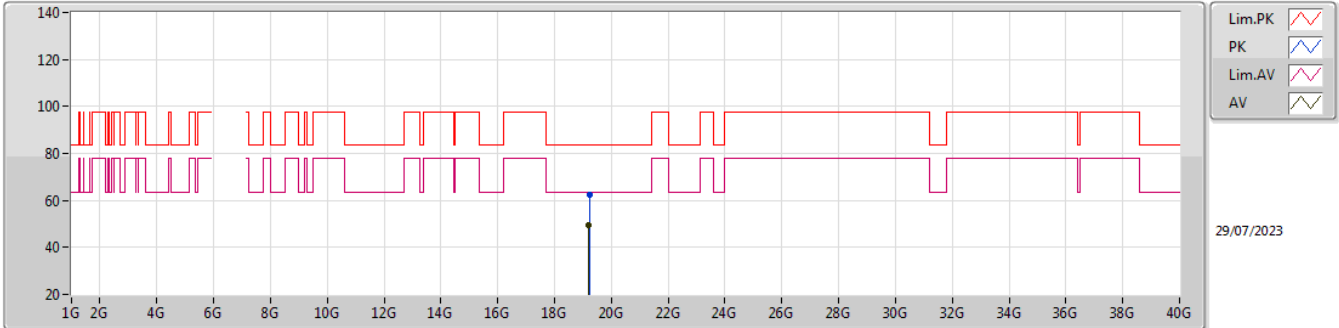


EUT X_2TX
Setting 25
03-I-A-4

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	12.8076G	60.05	88.20	-28.15	40.74	3	Horizontal	118	1.69	-	39.12	13.75	33.56			
RMS	12.8084G	47.68	68.20	-20.52	28.37	3	Horizontal	118	1.69	-	39.12	13.75	33.56			

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6405MHz_TX

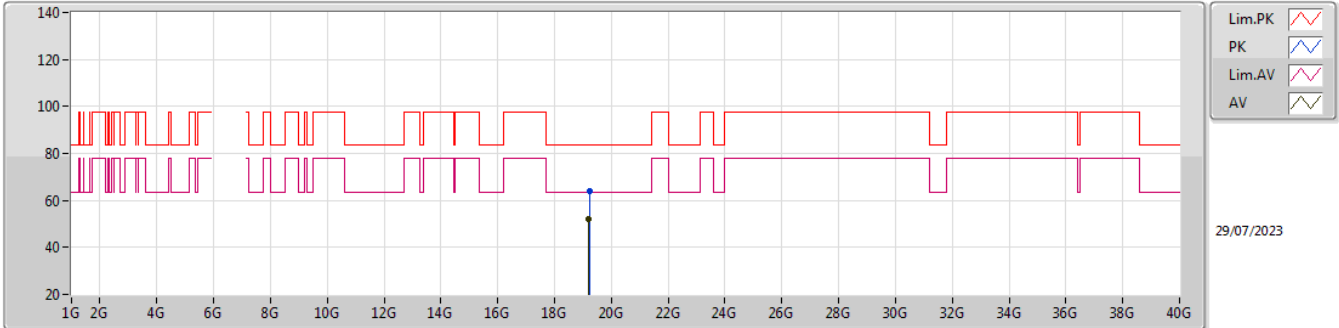


EUT X_2TX
Setting 25
03-I-M-2

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	19.2228G	62.52	83.54	-21.02	59.06	1	Vertical	53	1.50	-	37.59	16.94	51.07			
AV	19.2122G	49.27	63.54	-14.27	45.80	1	Vertical	53	1.50	-	37.58	16.94	51.05			

5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6405MHz_TX

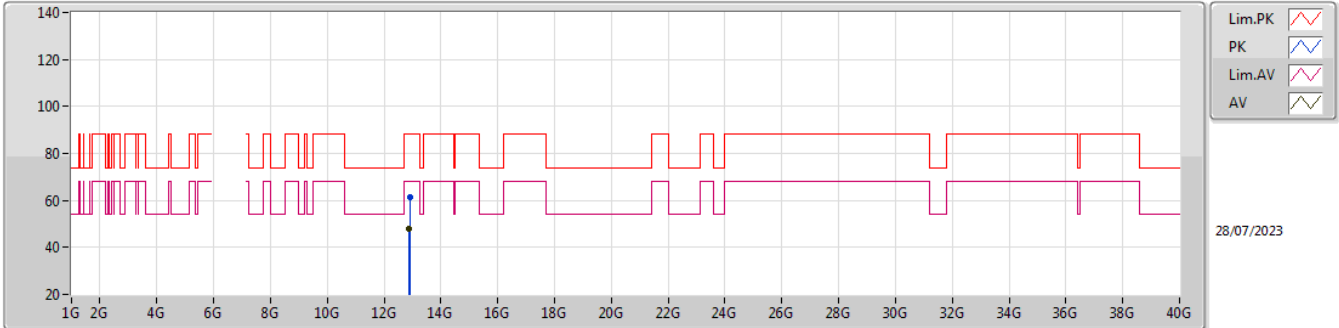


EUT X_2TX
Setting 25
03-I-M-2

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	19.22659G	64.10	83.54	-19.44	60.64	1	Horizontal	308	1.55	-	37.59	16.94	51.07			
AV	19.21839G	52.09	63.54	-11.45	48.62	1	Horizontal	308	1.55	-	37.59	16.94	51.06			

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6445MHz_TX

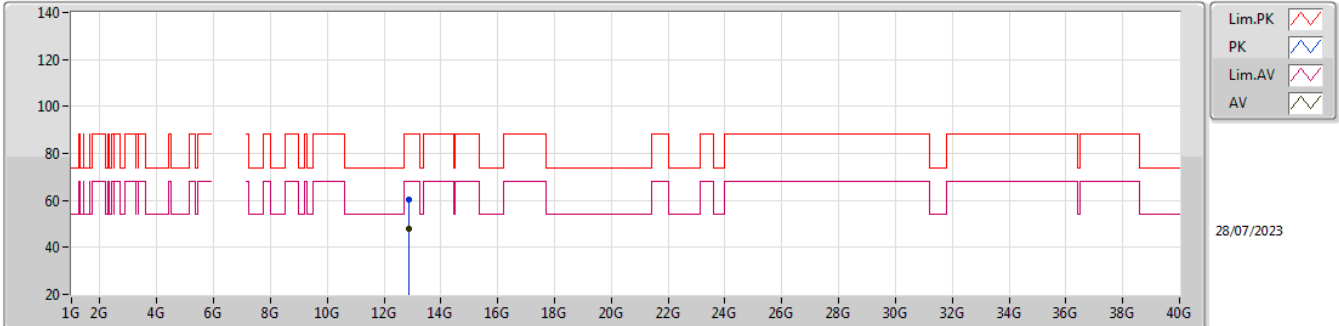


EUT X_2TX
Setting 25
03-I-A-4

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	12.89748G	61.63	88.20	-26.57	41.96	3	Vertical	210	2.10	-	39.29	13.82	33.44			
RMS	12.89564G	48.15	68.20	-20.05	28.48	3	Vertical	210	2.10	-	39.29	13.82	33.44			

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6445MHz_TX



EUT X_2TX
Setting 25
03-I-A-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	12.88472G	60.41	88.20	-27.79	40.79	3	Horizontal	311	1.14	-	39.27	13.81	33.46			
RMS	12.89512G	48.15	68.20	-20.05	28.48	3	Horizontal	311	1.14	-	39.29	13.82	33.44			

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6445MHz_TX

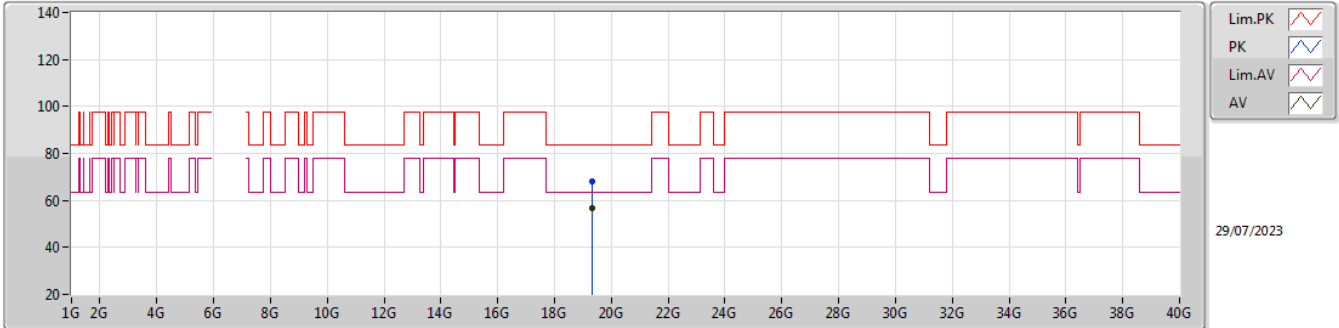


EUT X_2TX
Setting 25
03-I-M-2

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	19.3608G	64.45	83.54	-19.09	61.04	1	Vertical	49	1.58	-	37.64	17.00	51.23			
AV	19.3404G	52.60	63.54	-10.94	49.18	1	Vertical	49	1.58	-	37.64	16.99	51.21			

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6445MHz_TX

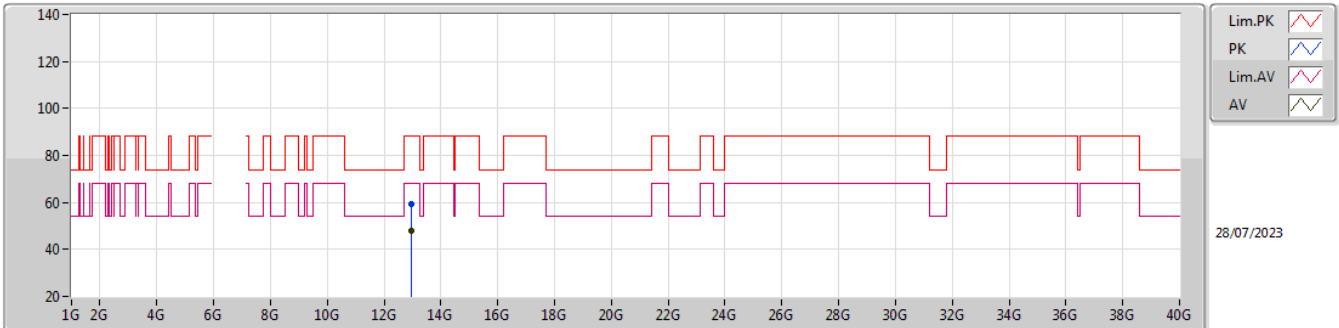


EUT X_2TX
Setting 25
03-I-M-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	19.33889G	68.29	83.54	-15.25	64.87	1	Horizontal	309	1.59	-	37.64	16.99	51.21			
AV	19.33919G	56.68	63.54	-6.86	53.26	1	Horizontal	309	1.59	-	37.64	16.99	51.21			

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6485MHz_TX

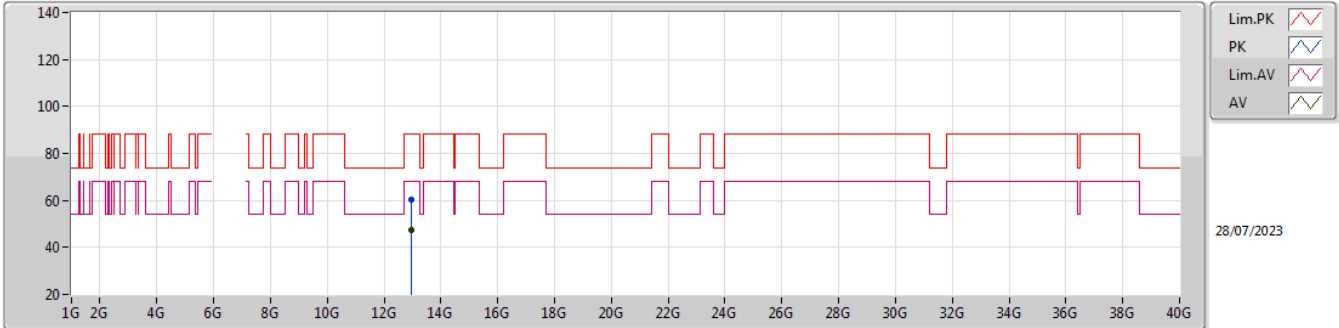


EUT X_2TX
Setting 25
03-I-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	12.97172G	59.44	88.20	-28.76	39.46	3	Vertical	242	1.52	-	39.44	13.88	33.34			
RMS	12.97424G	47.68	68.20	-20.52	27.69	3	Vertical	242	1.52	-	39.45	13.88	33.34			

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6485MHz_TX

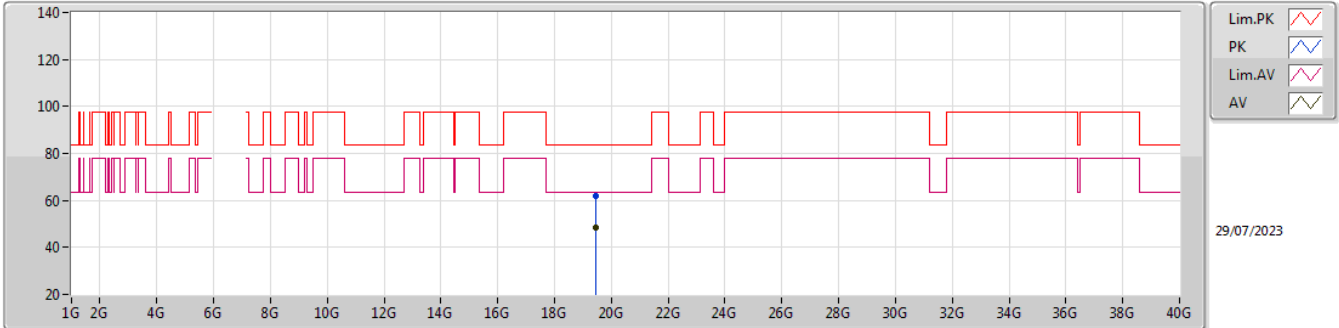


EUT X_2TX
Setting 25
03-I-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	12.97172G	60.13	88.20	-28.07	40.15	3	Horizontal	249	1.08	-	39.44	13.88	33.34			
RMS	12.97692G	47.66	68.20	-20.54	27.66	3	Horizontal	249	1.08	-	39.45	13.88	33.33			

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6485MHz_TX

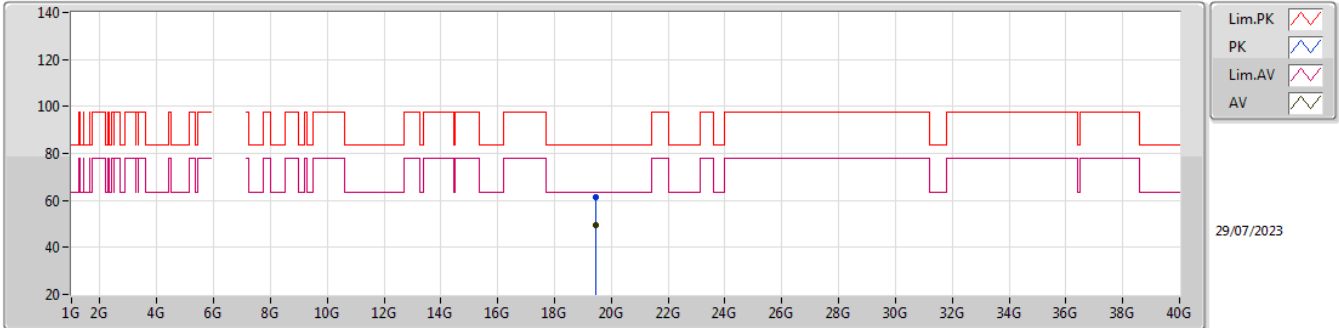


EUT X_2TX
Setting 25
03-I-M-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	19.4688G	61.94	83.54	-21.60	58.57	1	Vertical	52	1.80	-	37.69	17.04	51.36			
AV	19.4607G	48.60	63.54	-14.94	45.23	1	Vertical	52	1.80	-	37.68	17.04	51.35			

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6485MHz_TX

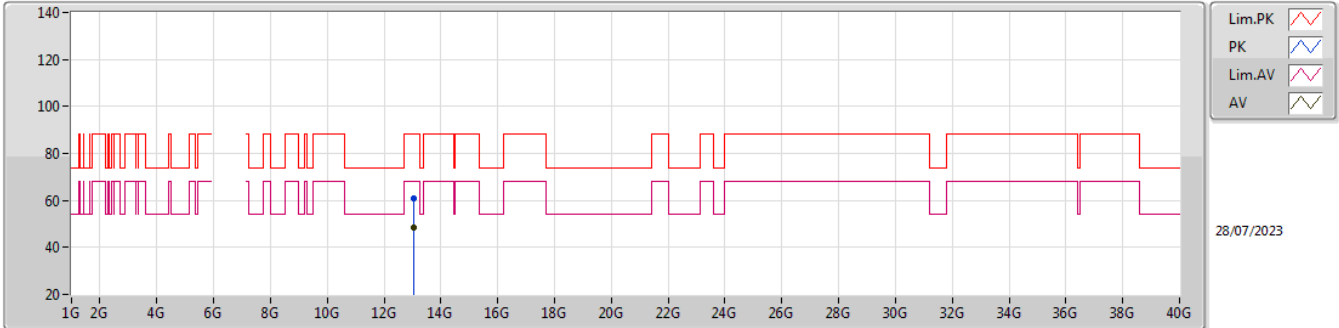


EUT X_2TX
Setting 25
03-I-M-2

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	19.44121G	61.14	83.54	-22.40	57.76	1	Horizontal	58	1.50	-	37.68	17.03	51.33			
AV	19.45411G	49.41	63.54	-14.13	46.03	1	Horizontal	58	1.50	-	37.68	17.04	51.34			

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6525MHz Straddle 6.425-6.525GHz_TX

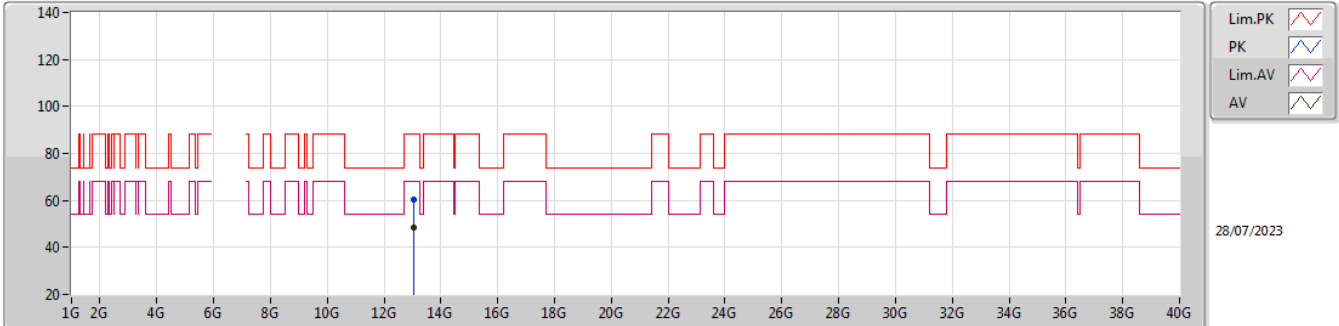


EUT X_2TX
Setting 25
03-I-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.04832G	60.68	88.20	-27.52	40.38	3	Vertical	357	2.41	-	39.60	13.94	33.24			
RMS	13.0482G	48.54	68.20	-19.66	28.24	3	Vertical	357	2.41	-	39.60	13.94	33.24			

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6525MHz Straddle 6.425-6.525GHz_TX

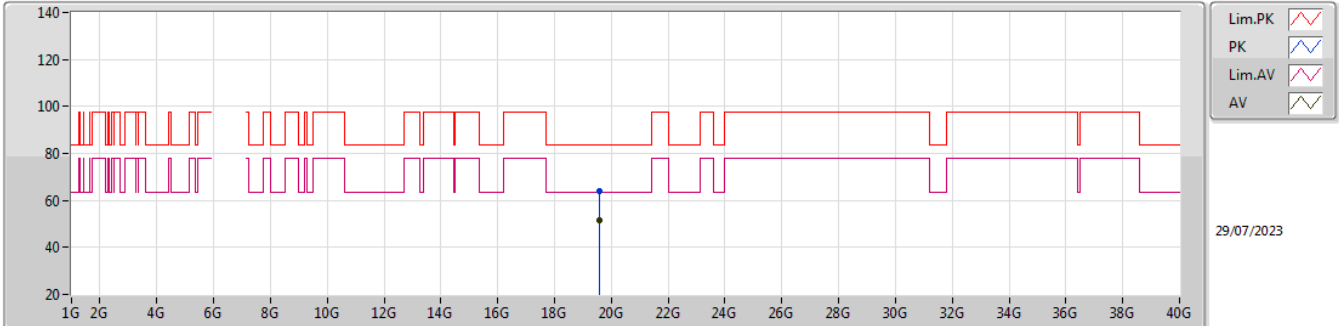


EUT X_2TX
Setting 25
03-I-A-4

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	13.04128G	60.46	88.20	-27.74	40.20	3	Horizontal	63	2.64	-	39.58	13.93	33.25			
RMS	13.05984G	48.46	68.20	-19.74	28.12	3	Horizontal	63	2.64	-	39.62	13.95	33.23			

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6525MHz Straddle 6.425-6.525GHz_TX

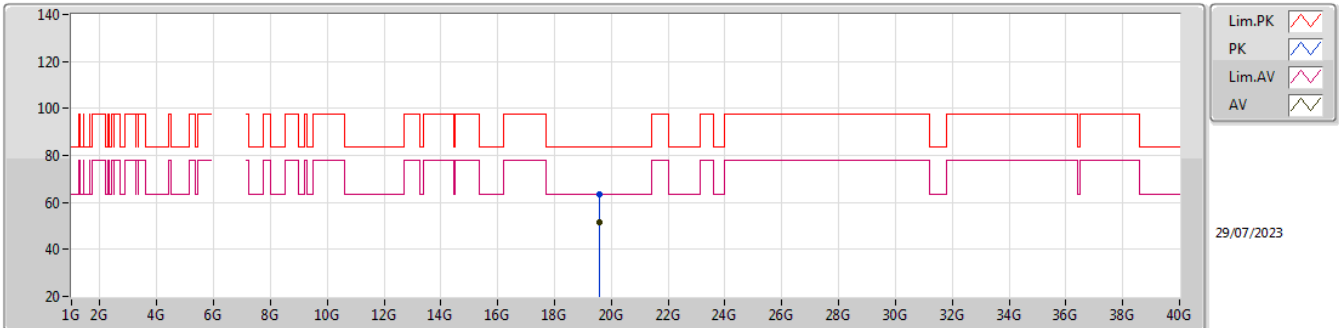


EUT X_2TX
Setting 25
03-I-M-2

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	19.5723G	63.87	83.54	-19.67	60.59	1	Vertical	50	1.50	-	37.67	17.08	51.47			
AV	19.5822G	51.70	63.54	-11.84	48.42	1	Vertical	50	1.50	-	37.67	17.09	51.48			

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6525MHz Straddle 6.425-6.525GHz_TX

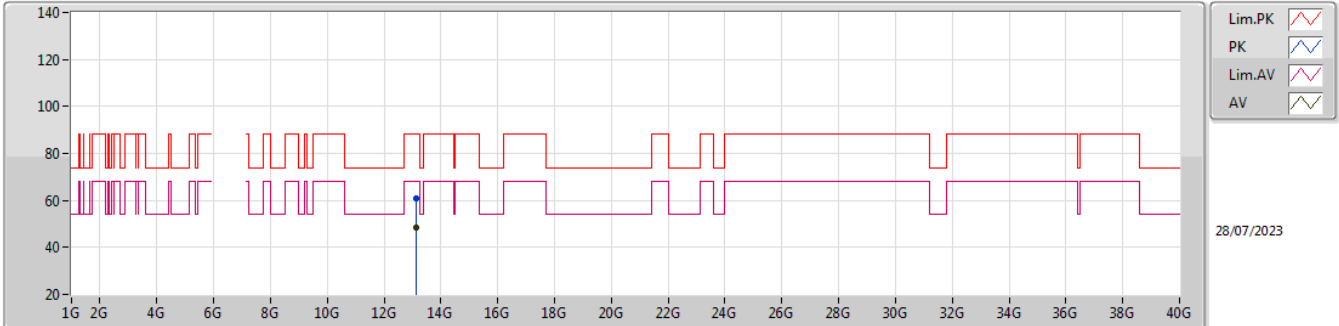


EUT X_2TX
Setting 25
03-I-M-2

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	19.58328G	63.34	83.54	-20.20	60.08	1	Horizontal	70	1.52	-	37.66	17.09	51.49			
AV	19.58308G	51.67	63.54	-11.87	48.39	1	Horizontal	70	1.52	-	37.67	17.09	51.48			

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6565MHz_TX

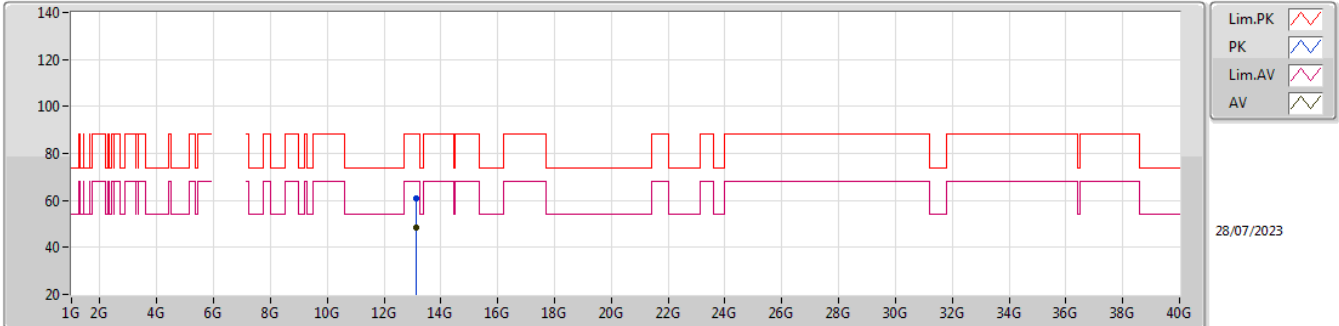


EUT X_2TX
Setting 25
03-I-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.13744G	61.11	88.20	-27.09	40.50	3	Vertical	128	2.99	-	39.74	14.01	33.14			
RMS	13.12296G	48.53	68.20	-19.67	27.96	3	Vertical	128	2.99	-	39.72	14.00	33.15			

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6565MHz_TX

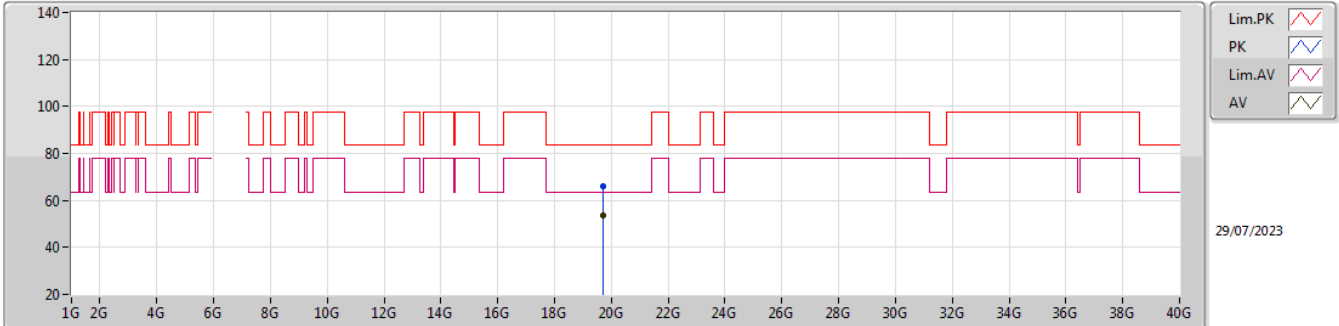


EUT X_2TX
Setting 25
03-I-A-4

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	13.12476G	60.79	88.20	-27.41	40.22	3	Horizontal	175	2.14	-	39.72	14.00	33.15			
RMS	13.12736G	48.44	68.20	-19.76	27.86	3	Horizontal	175	2.14	-	39.73	14.00	33.15			

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6565MHz_TX

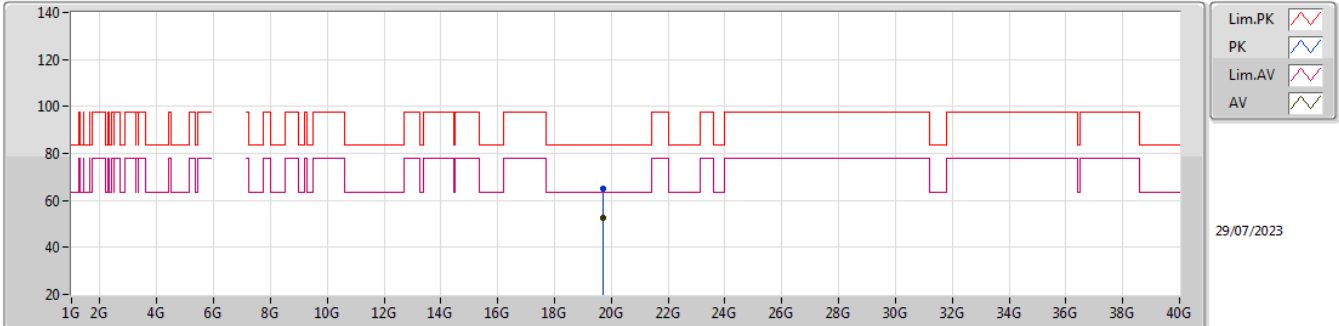


EUT X_2TX
Setting 25
03-I-M-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	19.7118G	65.99	83.54	-17.55	62.84	1	Vertical	51	1.57	-	37.62	17.14	51.61			
AV	19.6983G	53.54	63.54	-10.00	50.38	1	Vertical	51	1.57	-	37.62	17.14	51.60			

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6565MHz_TX

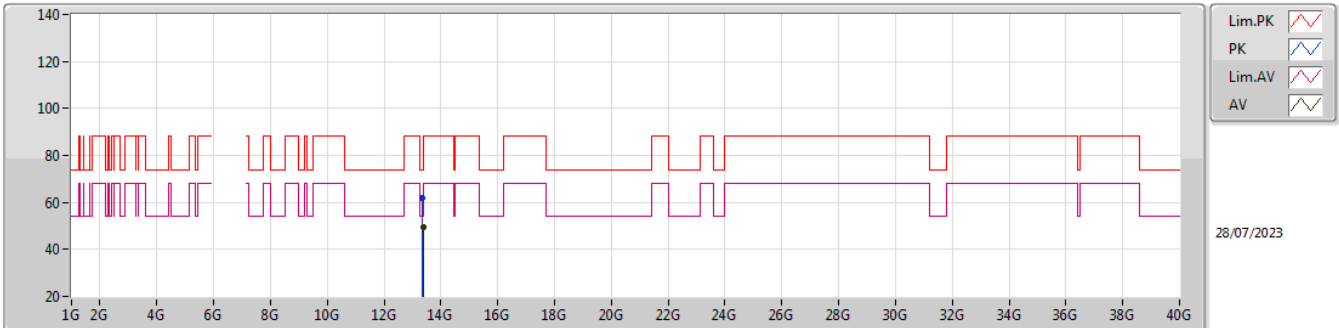


EUT X_2TX
Setting 25
03-I-M-2

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	19.6944G	64.83	83.54	-18.71	61.67	1	Horizontal	48	1.61	-	37.62	17.13	51.59			
AV	19.695G	52.67	63.54	-10.87	49.51	1	Horizontal	48	1.61	-	37.62	17.13	51.59			

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6685MHz_TX

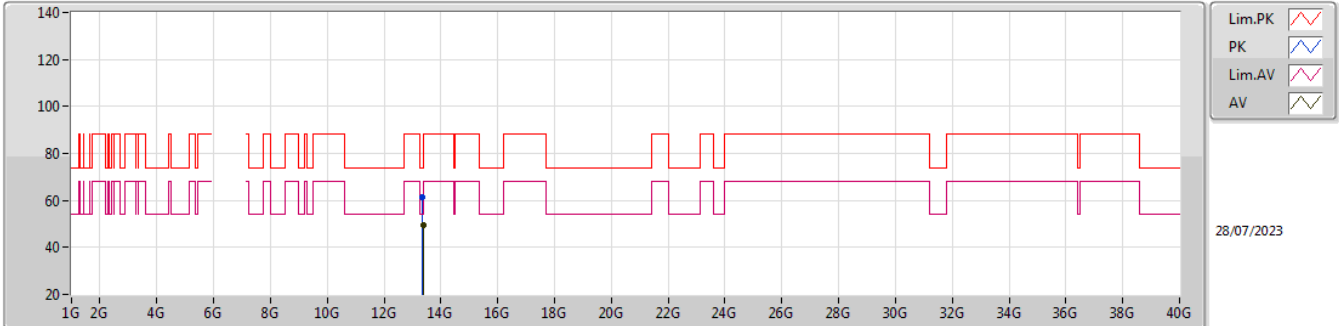


EUT X_2TX
Setting 25
03-I-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.36524G	61.72	74.00	-12.28	40.22	3	Vertical	202	1.57	-	40.17	14.19	32.86			
AV	13.36944G	49.40	54.00	-4.60	27.89	3	Vertical	202	1.57	-	40.17	14.20	32.86			

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6685MHz_TX

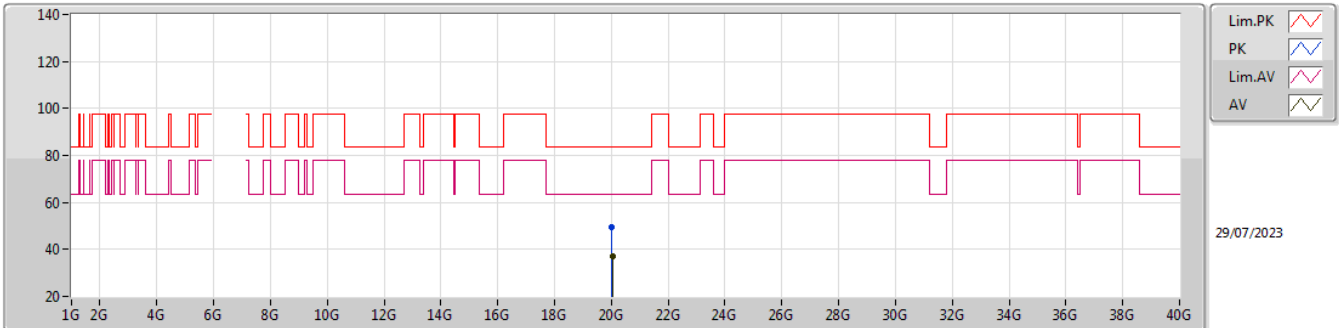


EUT X_2TX
Setting 25
03-I-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.3626G	61.50	74.00	-12.50	40.01	3	Horizontal	340	2.14	-	40.16	14.19	32.86			
AV	13.37976G	49.35	54.00	-4.65	27.81	3	Horizontal	340	2.14	-	40.18	14.20	32.84			

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6685MHz_TX

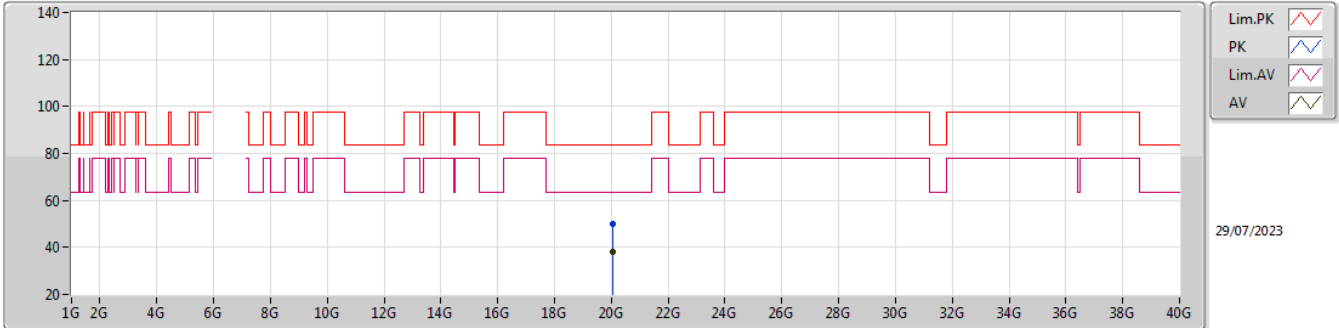


EUT X_2TX
Setting 25
03-I-M-2

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	20.02562G	49.46	83.54	-34.08	46.68	1	Vertical	48	1.55	-	37.42	17.27	51.91			
AV	20.04632G	37.29	63.54	-26.25	34.48	1	Vertical	48	1.55	-	37.44	17.28	51.91			

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6685MHz_TX

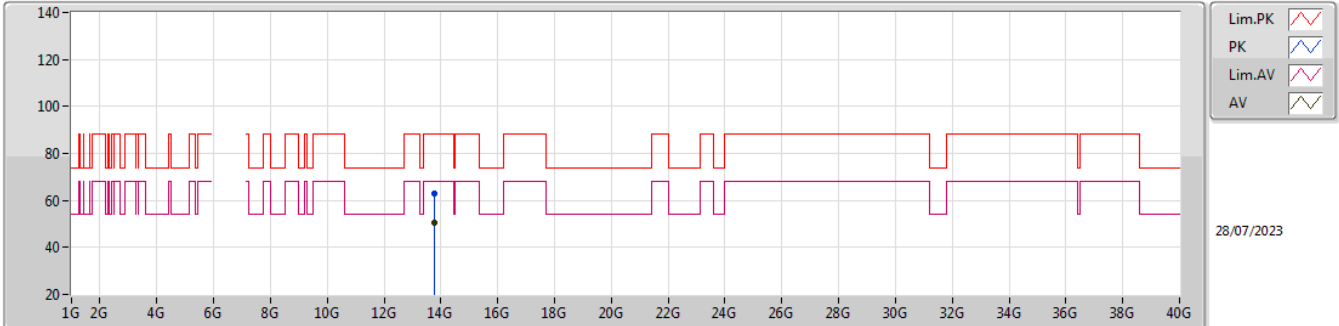


EUT X_2TX
Setting 25
03-I-M-2

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	20.0463G	50.05	83.54	-33.49	47.24	1	Horizontal	51	1.49	-	37.44	17.28	51.91			
AV	20.0466G	38.01	63.54	-25.53	35.20	1	Horizontal	51	1.49	-	37.44	17.28	51.91			

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6885MHz Straddle 6.525-6.875GHz_TX

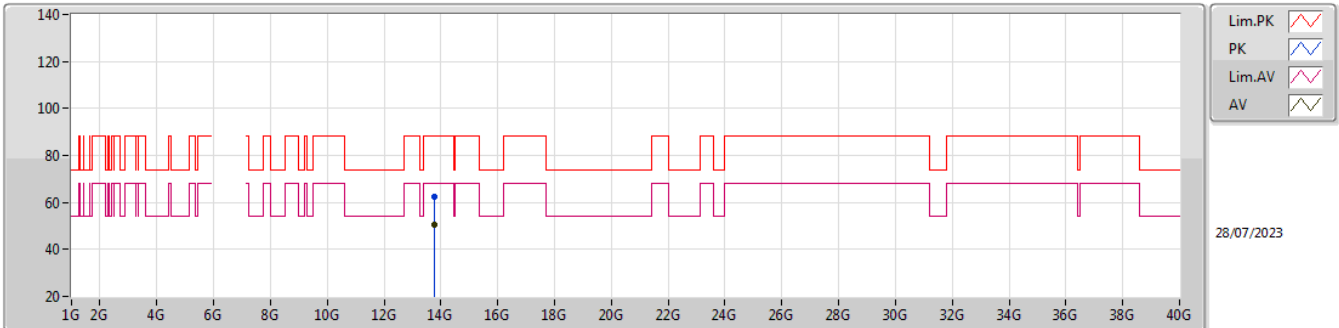


EUT X_2TX
Setting 25
03-I-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.7666G	62.99	88.20	-25.21	40.46	3	Vertical	325	2.95	-	40.67	14.51	32.65			
RMS	13.77816G	50.71	68.20	-17.49	28.15	3	Vertical	325	2.95	-	40.68	14.52	32.64			

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6885MHz Straddle 6.525-6.875GHz_TX

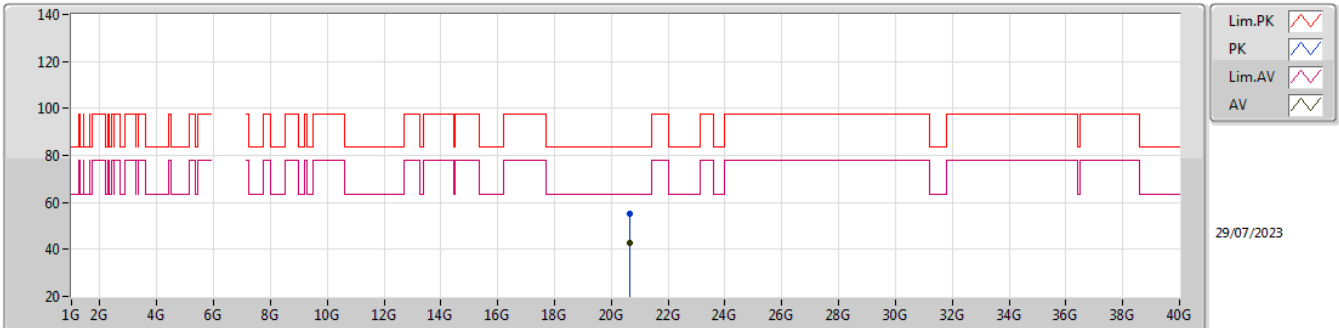


EUT X_2TX
Setting 25
03-I-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.76892G	62.46	88.20	-25.74	39.92	3	Horizontal	294	2.40	-	40.67	14.52	32.65			
RMS	13.77212G	50.77	68.20	-17.43	28.23	3	Horizontal	294	2.40	-	40.67	14.52	32.65			

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6885MHz Straddle 6.525-6.875GHz_TX

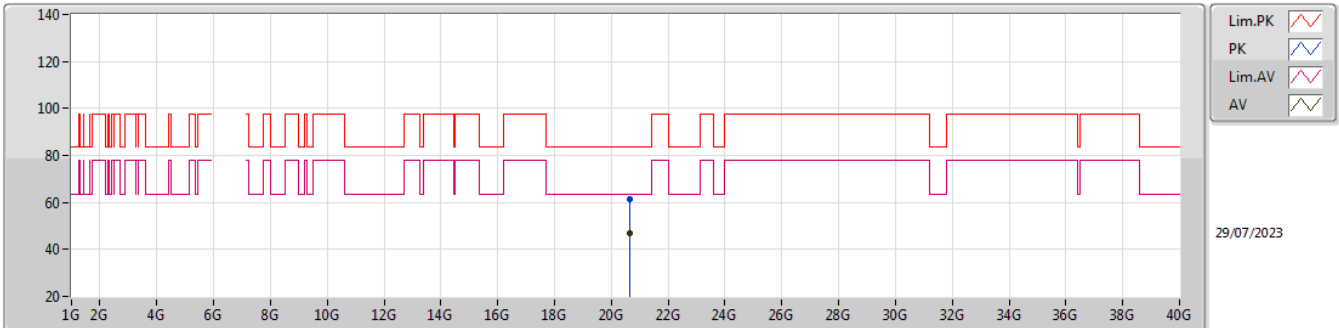


EUT X_2TX
Setting 25
03-I-M-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	20.6487G	55.15	83.54	-28.39	51.88	1	Vertical	-0	1.49	-	37.76	17.54	52.03			
AV	20.6526G	42.69	63.54	-20.85	39.42	1	Vertical	-0	1.49	-	37.76	17.54	52.03			

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6885MHz Straddle 6.525-6.875GHz_TX

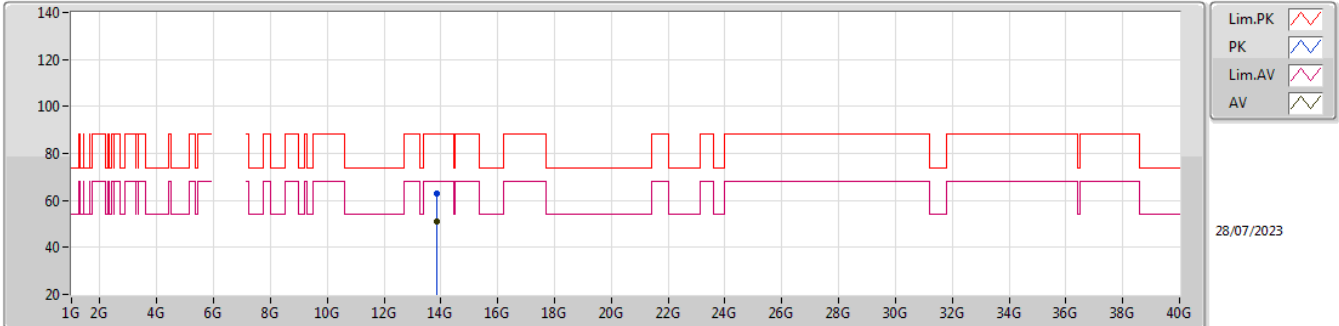


EUT X_2TX
Setting 25
03-I-M-2

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	20.6448G	61.42	83.54	-22.12	58.15	1	Horizontal	55	1.56	-	37.76	17.54	52.03			
AV	20.6541G	46.70	63.54	-16.84	43.43	1	Horizontal	55	1.56	-	37.76	17.54	52.03			

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6925MHz_TX

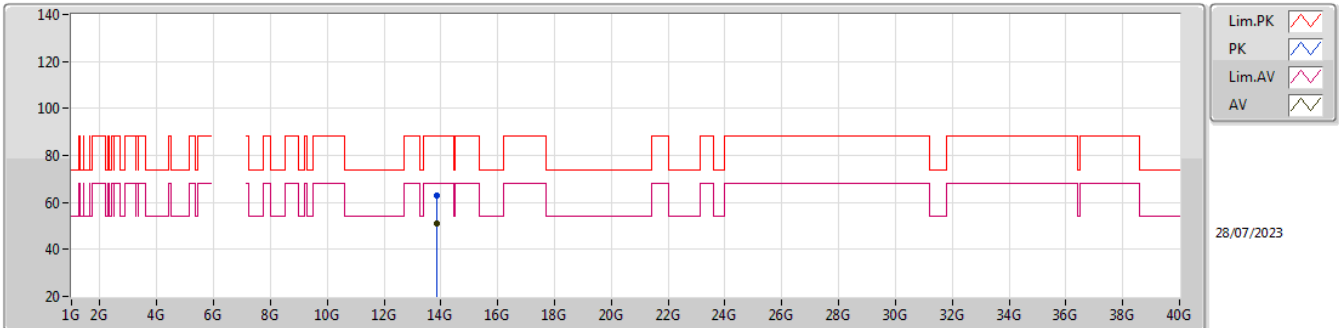


EUT X_2TX
Setting 25
03-I-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	13.8442G	63.05	88.20	-25.15	40.31	3	Vertical	304	2.61	-	40.79	14.58	32.63			
RMS	13.8582G	50.83	68.20	-17.37	28.05	3	Vertical	304	2.61	-	40.82	14.59	32.63			

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6925MHz_TX

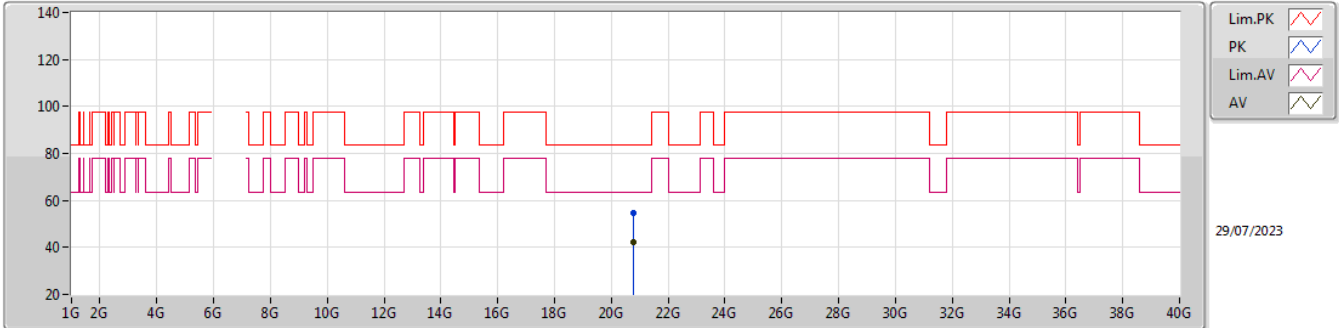


EUT X_2TX
Setting 25
03-I-A-4

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	13.85252G	62.77	88.20	-25.43	40.01	3	Horizontal	227	1.43	-	40.81	14.58	32.63			
RMS	13.85856G	50.92	68.20	-17.28	28.14	3	Horizontal	227	1.43	-	40.82	14.59	32.63			

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6925MHz_TX

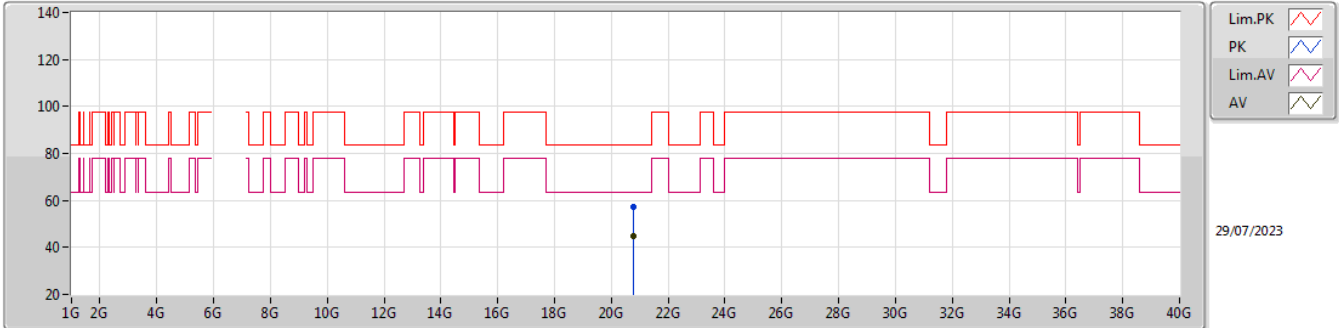


EUT X_2TX
Setting 25
03-I-M-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	20.7762G	54.53	83.54	-29.01	51.14	1	Vertical	330	1.49	-	37.85	17.60	52.06			
AV	20.7747G	42.29	63.54	-21.25	38.89	1	Vertical	330	1.49	-	37.85	17.60	52.05			

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6925MHz_TX

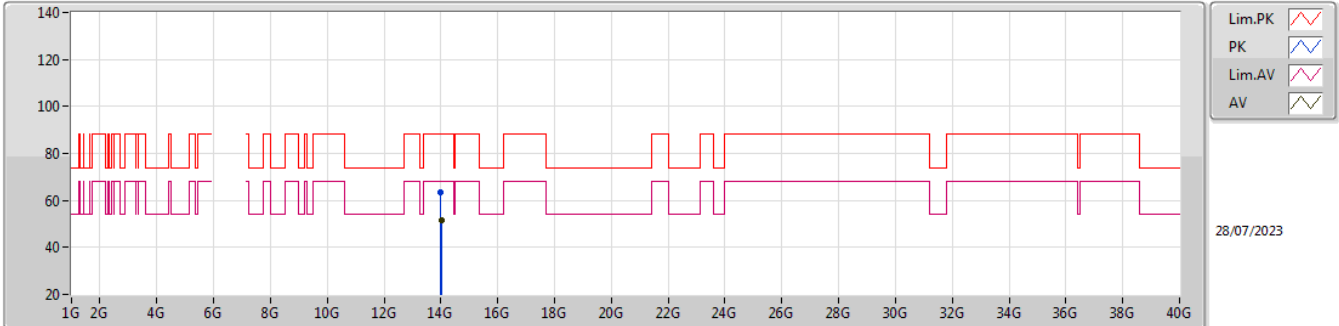


EUT X_2TX
Setting 25
03-I-M-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	20.75638G	57.18	83.54	-26.36	53.83	1	Horizontal	50	1.50	-	37.81	17.59	52.05			
AV	20.76538G	44.75	63.54	-18.79	41.38	1	Horizontal	50	1.50	-	37.83	17.59	52.05			

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

7005MHz_TX

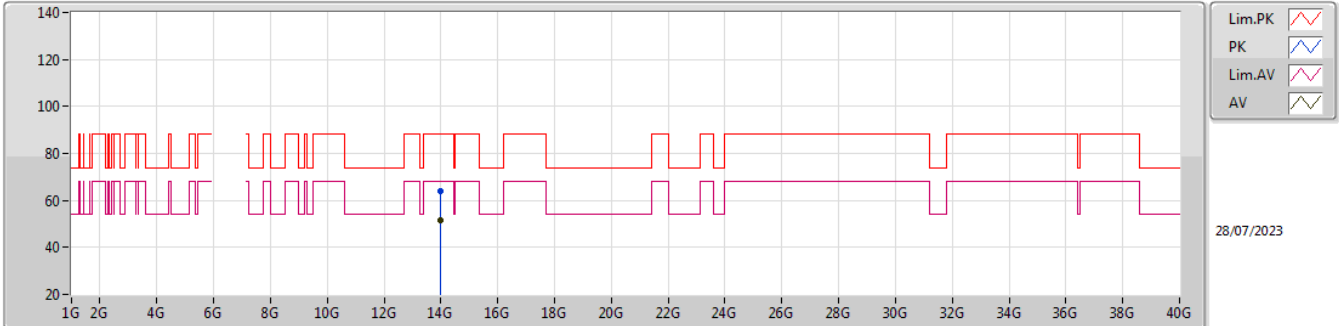


EUT X_2TX
Setting 25
03-I-A-4

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	14.00604G	63.38	88.20	-24.82	39.96	3	Vertical	213	1.53	-	41.31	14.71	32.60			
RMS	14.01G	51.36	68.20	-16.84	27.94	3	Vertical	213	1.53	-	41.31	14.71	32.60			

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

7005MHz_TX

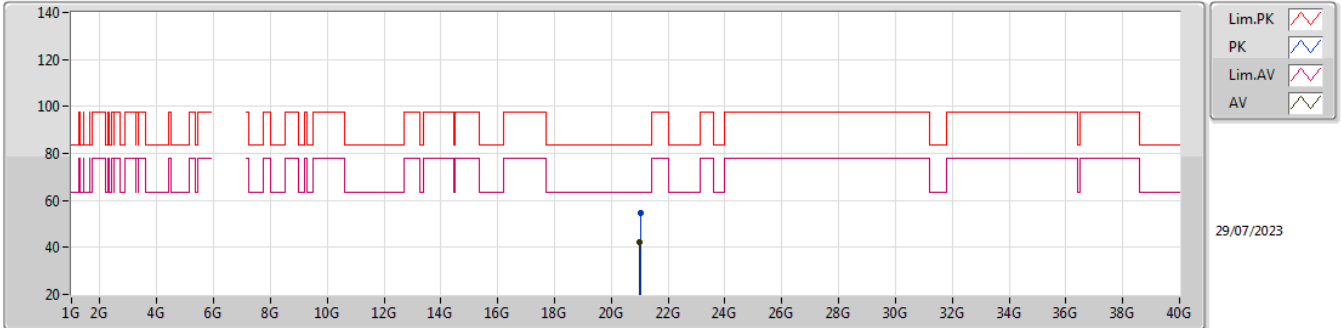


EUT X_2TX
Setting 25
03-I-A-4

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	14.0054G	64.08	88.20	-24.12	40.66	3	Horizontal	312	2.06	-	41.31	14.71	32.60			
RMS	14.00508G	51.35	68.20	-16.85	27.93	3	Horizontal	312	2.06	-	41.31	14.71	32.60			

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

7005MHz_TX

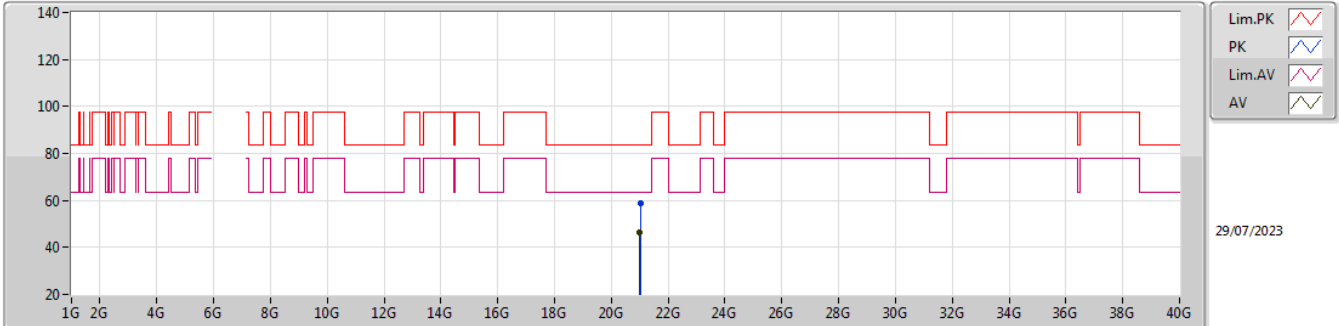


EUT X_2TX
Setting 25
03-I-M-2

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	21.02643G	54.41	83.54	-29.13	50.52	1	Vertical	349	1.50	-	38.28	17.71	52.10			
AV	21.00573G	42.48	63.54	-21.06	38.58	1	Vertical	349	1.50	-	38.30	17.70	52.10			

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

7005MHz_TX

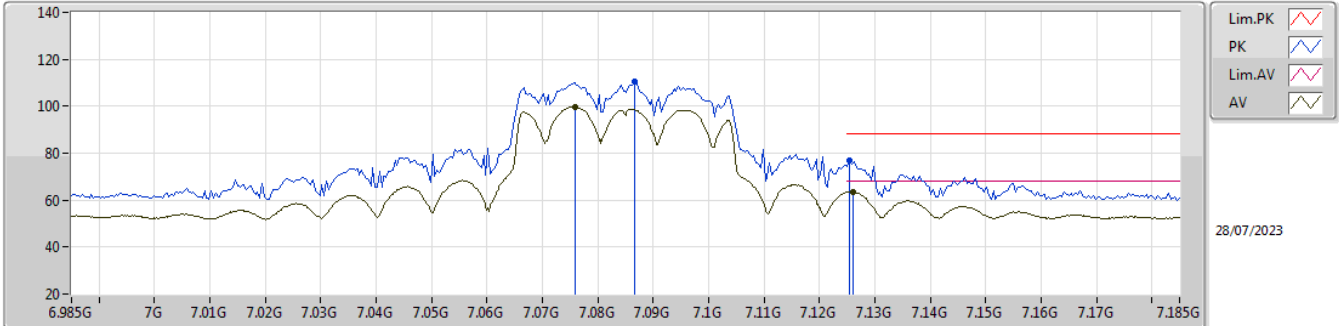


EUT X_2TX
Setting 25
03-I-M-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	21.0183G	58.56	83.54	-24.98	54.67	1	Horizontal	357	1.50	-	38.29	17.70	52.10			
AV	21.0075G	46.33	63.54	-17.21	42.44	1	Horizontal	357	1.50	-	38.29	17.70	52.10			

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

7085MHz_TX

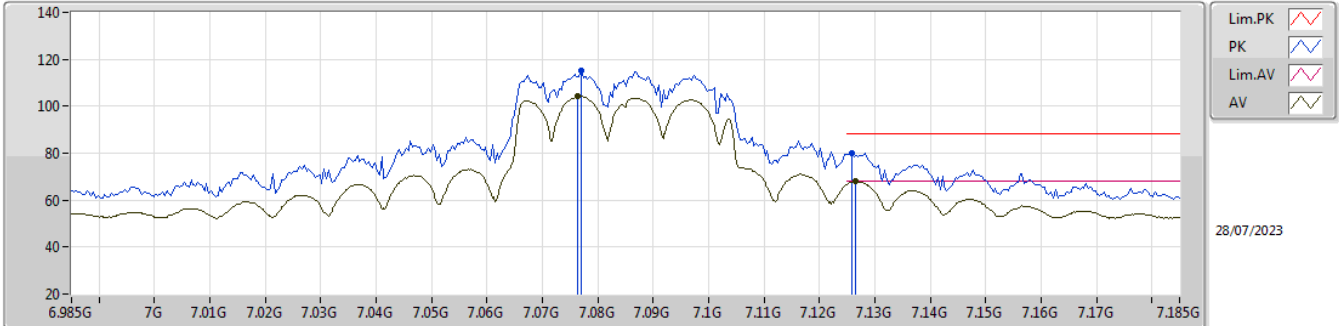


EUT X_2TX
Setting 19
03-I-A-4-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	7.0866G	110.46	Inf	-Inf	101.68	3	Vertical	36	1.90	-	35.82	8.47	35.51			
RMS	7.0758G	99.79	Inf	-Inf	91.11	3	Vertical	36	1.90	-	35.75	8.45	35.52			
PK	7.1254G	76.96	88.20	-11.24	67.95	3	Vertical	36	1.90	-	35.95	8.55	35.49			
RMS	7.126G	63.62	68.20	-4.58	54.61	3	Vertical	36	1.90	-	35.95	8.55	35.49			

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

7085MHz_TX

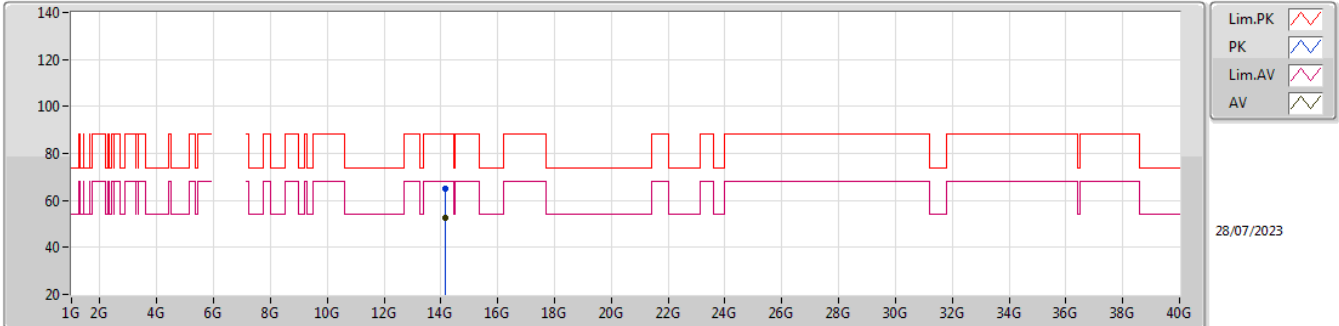


EUT X_2TX
Setting 19
03-I-A-4-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	7.077G	115.08	Inf	-Inf	106.39	3	Horizontal	68	2.68	-	35.76	8.45	35.52			
RMS	7.0764G	104.22	Inf	-Inf	95.53	3	Horizontal	68	2.68	-	35.76	8.45	35.52			
PK	7.1258G	79.94	88.20	-8.26	70.93	3	Horizontal	68	2.68	-	35.95	8.55	35.49			
RMS	7.1266G	68.00	68.20	-0.20	58.99	3	Horizontal	68	2.68	-	35.95	8.55	35.49			

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

7085MHz_TX

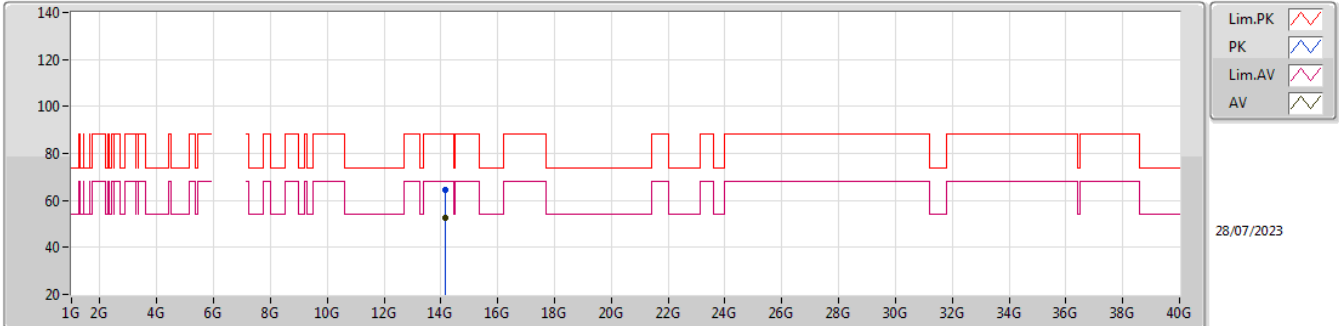


EUT X_2TX
Setting 19
03-I-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	14.1632G	64.81	88.20	-23.39	40.97	3	Vertical	30	1.80	-	41.65	14.86	32.67			
RMS	14.16108G	52.52	68.20	-15.68	28.69	3	Vertical	30	1.80	-	41.64	14.86	32.67			

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

7085MHz_TX

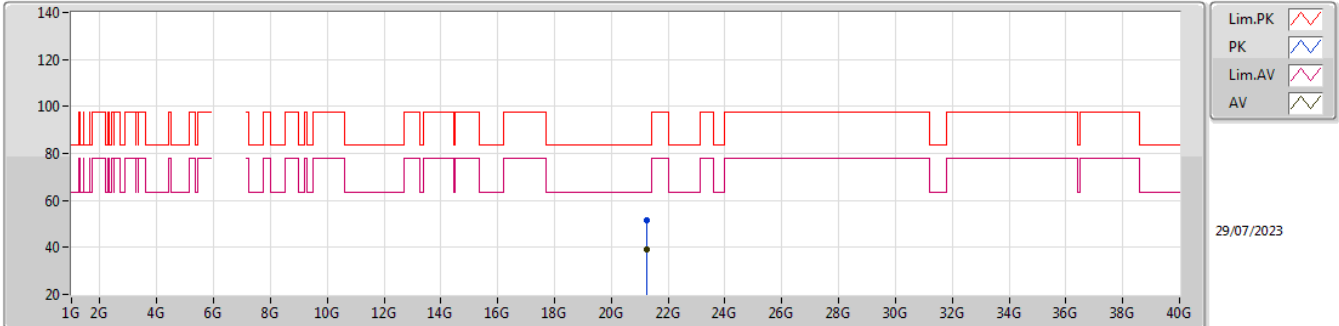


EUT X_2TX
Setting 19
03-I-A-4

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	14.1762G	64.23	88.20	-23.97	40.33	3	Horizontal	87	1.00	-	41.70	14.88	32.68			
RMS	14.16416G	52.54	68.20	-15.66	28.69	3	Horizontal	87	1.00	-	41.66	14.86	32.67			

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

7085MHz_TX

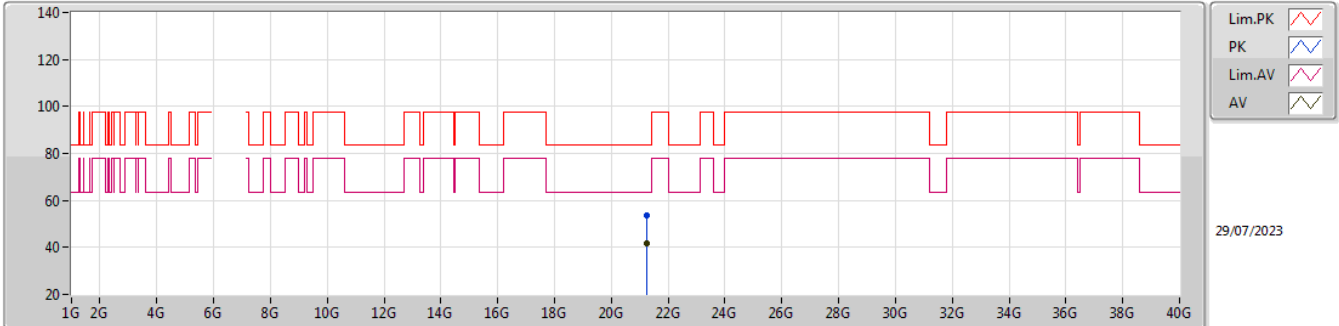


EUT X_2TX
Setting 19
03-I-M-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	21.24778G	51.56	83.54	-31.98	47.76	1	Vertical	51	1.66	-	38.10	17.80	52.10			
AV	21.25738G	39.06	63.54	-24.48	35.26	1	Vertical	51	1.66	-	38.09	17.81	52.10			

6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

7085MHz_TX



EUT X_2TX
Setting 19
03-I-M-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	21.2475G	53.85	83.54	-29.69	50.05	1	Horizontal	50	1.62	-	38.10	17.80	52.10			
AV	21.2472G	41.82	63.54	-21.72	38.02	1	Horizontal	50	1.62	-	38.10	17.80	52.10			