



RADIO TEST REPORT

FCC ID : Z8H89FT0072
Equipment : XE5-8
Brand Name : Cambium Networks
Model Name : XE5-8
Applicant : Cambium Networks Inc.
3800 Golf Road, Suite 360 Rolling Meadows, IL
60008, USA
Manufacturer : Cambium Networks, Ltd.
Ashburton, TQ13 7UP, UK
Standard : 47 CFR FCC Part 15.407

The product was received on Dec. 07, 2021, and testing was started from Dec. 21, 2021 and completed on Apr. 14, 2022. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory

No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issued Date
FR142255-01AB	01	Initial issue of report	Apr. 29, 2022
FR142255-01AB	02	Revising AC Power-line Conducted Emissions, Emissions in Non-restricted Frequency Bands below 1GHz, and Simultaneous Transmission test mode, because Radio 2 and 3 can't work simultaneously.	Jun. 16, 2022
FR142255-01AB	03	Revising AC Power-line Conducted Emissions, Emissions in Non-restricted Frequency Bands below 1GHz, and Simultaneous Transmission test mode, because Radio 2 and 3 can work simultaneously.	Jul. 22, 2022
FR142255-01AB	04	Revising DG of 8TX_Beamforming mode of section 3.3 Maximum Conducted Output Power.	Aug. 02, 2022



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 Output Power	PASS	-
3.4	15.407(a)	Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:

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

Comments and Explanations:

1. The test configuration, test mode and test software were written in this test report are declared by the manufacturer.
2. The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen**Report Producer: 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
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20)	5180-5240	36-48 [4]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5725-5850		5775	155 [1]

For Radio 1

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	4, 8
5.15-5.25GHz	802.11n HT20	20	4, 8
5.15-5.25GHz	802.11n HT20-BF	20	4, 8
5.15-5.25GHz	802.11ac VHT20	20	4, 8
5.15-5.25GHz	802.11ac VHT20-BF	20	4, 8
5.15-5.25GHz	802.11ax HEW20	20	4, 8
5.15-5.25GHz	802.11ax HEW20-BF	20	4, 8
5.15-5.25GHz	802.11n HT40	40	4, 8
5.15-5.25GHz	802.11n HT40-BF	40	4, 8
5.15-5.25GHz	802.11ac VHT40	40	4, 8
5.15-5.25GHz	802.11ac VHT40-BF	40	4, 8
5.15-5.25GHz	802.11ax HEW40	40	4, 8
5.15-5.25GHz	802.11ax HEW40-BF	40	4, 8
5.15-5.25GHz	802.11ac VHT80	80	4, 8
5.15-5.25GHz	802.11ac VHT80-BF	80	4, 8
5.15-5.25GHz	802.11ax HEW80	80	4, 8
5.15-5.25GHz	802.11ax HEW80-BF	80	4, 8
5.725-5.85GHz	802.11a	20	4, 8
5.725-5.85GHz	802.11n HT20	20	4, 8
5.725-5.85GHz	802.11n HT20-BF	20	4, 8
5.725-5.85GHz	802.11ac VHT20	20	4, 8
5.725-5.85GHz	802.11ac VHT20-BF	20	4, 8
5.725-5.85GHz	802.11ax HEW20	20	4, 8
5.725-5.85GHz	802.11ax HEW20-BF	20	4, 8
5.725-5.85GHz	802.11n HT40	40	4, 8



Band	Mode	BWch (MHz)	Nant
5.725-5.85GHz	802.11n HT40-BF	40	4, 8
5.725-5.85GHz	802.11ac VHT40	40	4, 8
5.725-5.85GHz	802.11ac VHT40-BF	40	4, 8
5.725-5.85GHz	802.11ax HEW40	40	4, 8
5.725-5.85GHz	802.11ax HEW40-BF	40	4, 8
5.725-5.85GHz	802.11ac VHT80	80	4, 8
5.725-5.85GHz	802.11ac VHT80-BF	80	4, 8
5.725-5.85GHz	802.11ax HEW80	80	4, 8
5.725-5.85GHz	802.11ax HEW80-BF	80	4, 8

For Radio 2 and Radio 3

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	4
5.15-5.25GHz	802.11n HT20	20	4
5.15-5.25GHz	802.11n HT20-BF	20	4
5.15-5.25GHz	802.11ac VHT20	20	4
5.15-5.25GHz	802.11ac VHT20-BF	20	4
5.15-5.25GHz	802.11ax HEW20	20	4
5.15-5.25GHz	802.11ax HEW20-BF	20	4
5.15-5.25GHz	802.11n HT40	40	4
5.15-5.25GHz	802.11n HT40-BF	40	4
5.15-5.25GHz	802.11ac VHT40	40	4
5.15-5.25GHz	802.11ac VHT40-BF	40	4
5.15-5.25GHz	802.11ax HEW40	40	4
5.15-5.25GHz	802.11ax HEW40-BF	40	4
5.15-5.25GHz	802.11ac VHT80	80	4
5.15-5.25GHz	802.11ac VHT80-BF	80	4
5.15-5.25GHz	802.11ax HEW80	80	4
5.15-5.25GHz	802.11ax HEW80-BF	80	4
5.725-5.85GHz	802.11a	20	4
5.725-5.85GHz	802.11n HT20	20	4
5.725-5.85GHz	802.11n HT20-BF	20	4
5.725-5.85GHz	802.11ac VHT20	20	4
5.725-5.85GHz	802.11ac VHT20-BF	20	4
5.725-5.85GHz	802.11ax HEW20	20	4
5.725-5.85GHz	802.11ax HEW20-BF	20	4
5.725-5.85GHz	802.11n HT40	40	4
5.725-5.85GHz	802.11n HT40-BF	40	4
5.725-5.85GHz	802.11ac VHT40	40	4
5.725-5.85GHz	802.11ac VHT40-BF	40	4
5.725-5.85GHz	802.11ax HEW40	40	4



Band	Mode	BWch (MHz)	Nant
5.725-5.85GHz	802.11ax HEW40-BF	40	4
5.725-5.85GHz	802.11ac VHT80	80	4
5.725-5.85GHz	802.11ac VHT80-BF	80	4
5.725-5.85GHz	802.11ax HEW80	80	4
5.725-5.85GHz	802.11ax HEW80-BF	80	4

Note:

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ HEW20, HEW40, HEW80 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ BWch is the nominal channel bandwidth.


1.1.2 Antenna Information

Radio	Ant.	2.4GHz port	5GHz port	5GHz port	6E port	Bluetooth	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	4	4 (High band)	4 (Full band)	-	-	ACCTON	EAP9819A-6E-1120-CAM	PCB antenna	I-PEX	Note 1
	2	3	3 (High band)	3 (Full band)	-	-	ACCTON	EAP9819A-6E-1120-CAM	PCB antenna	I-PEX	
	3	2	2 (High band)	2 (Full band)	-	-	ACCTON	EAP9819A-6E-1120-CAM	PCB antenna	I-PEX	
	4	1	1 (High band)	1 (Full band)	-	-	ACCTON	EAP9819A-6E-1120-CAM	PCB antenna	I-PEX	
1	5	-	4 (Low band)	8 (Full band)	-	-	ACCTON	EAP9819A-6E-1120-CAM	PCB antenna	I-PEX	
	6	-	3 (Low band)	7 (Full band)	-	-	ACCTON	EAP9819A-6E-1120-CAM	PCB antenna	I-PEX	
	7	-	2 (Low band)	6 (Full band)	-	-	ACCTON	EAP9819A-6E-1120-CAM	PCB antenna	I-PEX	
	8	-	1 (Low band)	5 (Full band)	-	-	ACCTON	EAP9819A-6E-1120-CAM	PCB antenna	I-PEX	
2	9	-	4		4	-	ACCTON	EAP9819A-6E-1120-CAM	Metal antenna	I-PEX	
	10	-	2		2	-	ACCTON	EAP9819A-6E-1120-CAM	Metal antenna	I-PEX	
	11	-	3		3	-	ACCTON	EAP9819A-6E-1120-CAM	Metal antenna	I-PEX	
	12	-	1		1	-	ACCTON	EAP9819A-6E-1120-CAM	Metal antenna	I-PEX	
3	13	-	4		4	-	ACCTON	EAP9819A-6E-1120-CAM	Metal antenna	I-PEX	
	14	-	2		2	-	ACCTON	EAP9819A-6E-1120-CAM	Metal antenna	I-PEX	
	15	-	3		3	-	ACCTON	EAP9819A-6E-1120-CAM	Metal antenna	I-PEX	
	16	-	1		1	-	ACCTON	EAP9819A-6E-1120-CAM	Metal antenna	I-PEX	
4	17	-	-	-	-	1	ACCTON	GT128V007S-001	Chip antenna	N/A	

Note 1:
Radio 1 and Radio 4

Ant.	Antenna Gain (dBi)					
	WLAN 2.4GHz	WLAN 5GHz				Bluetooth
		UNII 1	UNII 2A	UNII 2C	UNII 3	
1	4.51	4.09	3.06	3.82	3.60	-
2	4.97	4.40	5.70	3.79	2.99	-
3	4.66	5.17	5.99	4.38	3.52	-
4	5.95	4.64	4.09	4.19	3.36	-
5	-	3.39	3.58	3.34	2.01	-
6	-	3.70	3.39	2.52	3.03	-
7	-	3.10	3.68	2.83	2.84	-
8	-	2.82	3.13	2.19	2.61	-
17	-	-	-	-	-	3.24


Mode 1: 2.4GHz 4TX and 5GHz UNII 1~UNII 3 8TX

Ant.	Directional Gain (dBi)																		
	WLAN 2.4GHz			WLAN 5GHz															
				UNII 1				UNII 2A				UNII 2C				UNII 3			
	4T1S	4T2S	4T4S	8T1S	8T2S	8T4S	8T8S	8T1S	8T2S	8T4S	8T8S	8T1S	8T2S	8T4S	8T8S	8T1S	8T2S	8T4S	8T8S
1	9.91	6.91	3.96	8.39	5.39	5.17	0.57	8.65	5.99	5.99	0.76	7.37	4.38	4.38	0.01	7.13	4.13	3.60	-0.40
2																			
3																			
4																			
5	-	-	-																
6	-	-	-																
7	-	-	-																
8	-	-	-																

Mode 2: 2.4GHz, 5GHz UNII 1~UNII 2A and 5GHz UNII 2C~UNII 3 4TX

Ant.	Directional Gain (dBi)														
	WLAN 2.4GHz			WLAN 5GHz											
				UNII 1			UNII 2A			UNII 2C			UNII 3		
	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S
1	9.91	6.91	3.96	-	-	-	-	-	-	8.67	5.67	2.75	8.15	5.15	2.27
2															
3															
4															
5	-	-	-	7.35	4.35	1.38	7.38	4.38	1.47	-	-	-	-	-	-
6	-	-	-												
7	-	-	-												
8	-	-	-												


For Radio 2~Radio 3

Ant.	Antenna Gain (dBi)							
	WLAN 5GHz				WLAN 6E			
	UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 5	UNII 6	UNII 7	UNII 8
9	3.56	4.37	3.82	4.70	4.96	3.57	3.72	4.44
10	1.25	3.18	3.45	1.86	4.40	3.52	3.12	3.31
11	4.27	4.24	2.25	3.64	4.14	2.03	3.08	4.86
12	1.94	2.59	2.08	3.11	4.85	2.60	3.43	3.41
13	3.25	3.68	3.74	2.90	4.16	2.52	0.71	2.03
14	2.35	4.20	2.48	3.96	4.72	2.06	1.91	2.03
15	3.07	3.84	2.89	2.61	2.24	1.61	2.74	2.45
16	3.41	3.65	1.81	3.31	3.43	3.56	2.35	1.93

For 5GHz UNII 1~UNII 3

Ant.	Directional Gain (dBi)											
	WLAN 5GHz											
	UNII 1			UNII 2A			UNII 2C			UNII 3		
	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S
9	6.84	4.27	0.94	7.38	4.38	1.63	5.12	3.82	-0.67	5.70	4.70	0.08
10												
11												
12												
13	6.79	3.79	0.92	6.16	4.20	0.76	4.51	3.74	-0.79	5.60	3.96	0.29
14												
15												
16												

**For 6GHz UNII 5~8**

Ant.	Directional Gain (dBi)											
	WLAN 6E											
	UNII 5			UNII 6			UNII 7			UNII 8		
	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S
9	7.11	4.96	1.27	6.27	3.57	0.39	6.05	3.72	0.36	7.06	4.86	1.54
10												
11												
12												
13	7.06	4.72	1.39	6.25	3.56	0.34	4.86	2.74	-0.72	5.56	2.56	-0.38
14												
15												
16												

Note 2: The EUT has seventeen antennas.

Note 3: The brand/model/antenna type information was declared by manufacturer.

Note 4: Maximum Directional Gain following KDB662911 D03.

The antenna report is provided in the operational description for this application.

Note 5: Because radio 2 and radio 3 are the same radio, the Directional Gain of radio 2 is higher than radio 3. Thus, radio 2 was tested and recorded in the report.

Note 6: The EUT doesn't enable the DFS band.

For Radio 1**For 2.4GHz:****For IEEE 802.11b/g/n/VHT/ax mode (4TX/4RX):**

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

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

For 5GHz UNII 1 and UNII 3 (SBS Mode):**For IEEE 802.11a/n/ac/ax mode (4TX/4RX):**

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

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

For 5GHz UNII 1 and UNII 3 (DBS Mode):**For IEEE 802.11a/n/ac/ax mode (8TX/8RX):**

Port 1, Port 2, Port 3, Port 4, Port 5, Port 6, Port 7, Port 8 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3, Port 4, Port 5, Port 6, Port 7, Port 8 could transmit/receive simultaneously.

For Radio 2 and Radio 3**For 5GHz UNII 1 and UNII 3:****For IEEE 802.11a/n/ac/ax mode (4TX/4RX):**

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

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

For 6GHz UNII 5~8:**For IEEE 802.11ax mode (4TX/4RX):**

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

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

For Radio 4**For Bluetooth:**

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

**1.1.3 Mode Test Duty Cycle****For Radio 1****For UNII 1 and UNII 3 8TX**

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a	0.813	0.9	632.5u	3k
802.11ax HEW20	0.958	0.19	5.455m	300
802.11ax HEW40	0.952	0.21	5.452m	300
802.11ax HEW80	0.939	0.27	5.452m	300

For UNII 1 4TX

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a	0.759	1.2	632.25u	3k
802.11ax HEW20	0.945	0.25	5.454m	300
802.11ax HEW40	0.958	0.19	5.454m	300
802.11ax HEW80	0.937	0.28	5.452m	300

For UNII 3 4TX

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a	0.816	0.88	632.5u	3k
802.11ax HEW20	0.953	0.21	5.453m	300
802.11ax HEW40	0.922	0.35	5.453m	300
802.11ax HEW80	0.933	0.3	5.455m	300

For Radio 2**For UNII 1 and UNII 3 4TX**

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a	0.928	0.32	1.978m	1k
802.11ax HEW20	0.88	0.56	5.445m	300
802.11ax HEW40	0.823	0.85	5.447m	300
802.11ax HEW80	0.876	0.57	5.447m	300

Note:

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

1.1.4 EUT Operational Condition

EUT Power Type	From PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax in 2.4GHz, n/ac/ax in 5GHz UNII 1, UNII 3 and ax in 6GHz UNII 5~UNII 8.			
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	QSPR Version 5.0-00197			

Note: The above information was declared by manufacturer.

1.1.5 Table of Radio Function

Radio (R)	2.4GHz	5GHz	6E	Bluetooth
1	V	V	-	-
2 (Pine 1)	-	V	V	-
3 (Pine 2)	-	V	V	-
4	-	-	-	V

1.1.6 Table for EUT Operation Function

Mode	Operation Function
1	DBS Mode: R1: 2.4GHz/5GHz UNII 1,UNII 3 in 8TX +R2: 5GHz UNII 1,UNII 3/6GHz+R3: 5GHz UNII 1,UNII 3/6GHz+R4: BT
2	SBS Mode: R1: 2.4GHz/5GHz UNII 1,UNII 3 in 4TX +R2: 5GHz UNII 1,UNII 3/6GHz+R3: 5GHz UNII 1,UNII 3/6GHz+R4: BT

Note1: Only the 5GHz mode of radio 2, and 3 has been performed in the testing, because the output power is larger than 6GHz.

Note2: Radio 2 and Radio 3 can transmit simultaneously but they can't be configured to the same frequency.



1.2 Applicable Standards

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

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2013
- ♦ FCC KDB 789033 D02 v02r01

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

- ♦ FCC KDB 662911 D03 v01
- ♦ 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 (TAF: 3787)	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.) TEL: 886-3-656-9065 FAX: 886-3-656-9085 Test site Designation No. TW3787 with FCC. Conformity Assessment Body Identifier (CABID) TW3787 with ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Serway Lee	23.6-24.3 / 63-65	Jan. 03, 2022~Apr. 08, 2022
Radiated above 1GHz (for co-location)	03CH03-CB	Kevin Huang	24-25.1 / 56-59	Dec. 21, 2021
Radiated above 1GHz (for co-location)	03CH03-CB	Kevin Huang	24-25.1 / 56-59	Apr. 14, 2022
Radiated above 1GHz	03CH01-CB	Bruce Yang	24.2-26.1 / 55-58	Dec. 25, 2021~Apr. 14, 2022
	03CH02-CB		24.5-25.6 / 56-59	
	03CH04-CB		23.8-24.9 / 55-58	
AC Conduction	CO01-CB	Peter Wu	21-22 / 50-51	Jan. 07, 2022



1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	2.5 dB	Confidence levels of 95%
Output Power Measurement	1.3 dB	Confidence levels of 95%
Power Density Measurement	2.5 dB	Confidence levels of 95%
Bandwidth Measurement	0.9%	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

For Radio 1

For UNII 1 and UNII 3 8TX

Mode	Power Setting
802.11a_Nss1,(6Mbps)_8TX	-
5180MHz	17.5
5200MHz	18.5
5240MHz	18.5
5745MHz	21
5785MHz	21.5
5825MHz	21.5
802.11ax HEW20_Nss1,(MCS0)_8TX	-
5180MHz	17
5200MHz	19
5240MHz	18.5
5745MHz	21
5785MHz	21
5825MHz	21
802.11ax HEW40_Nss1,(MCS0)_8TX	-
5190MHz	15
5230MHz	18.5
5755MHz	18.5
5795MHz	19
802.11ax HEW80_Nss1,(MCS0)_8TX	-
5210MHz	14
5775MHz	15
802.11ax HEW20-BF_Nss1,(MCS0)_8TX	-
5180MHz	17
5200MHz	18.5
5240MHz	18.5
5745MHz	20.5
5785MHz	20.5
5825MHz	20.5
802.11ax HEW40-BF_Nss1,(MCS0)_8TX	-
5190MHz	15
5230MHz	18
5755MHz	18.5
5795MHz	19



Mode	Power Setting
802.11ax HEW80-BF_Nss1,(MCS0)_8TX	-
5210MHz	14
5775MHz	15

For UNII 1 4TX

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	16.5
5200MHz	20.5
5240MHz	20
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	17
5200MHz	21
5240MHz	20
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	14.5
5230MHz	18.5
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	14.5
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	17
5200MHz	21
5240MHz	20
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	14.5
5230MHz	18.5
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	14.5

**For UNII 3 4TX**

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5745MHz	24
5785MHz	24
5825MHz	24
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5745MHz	24
5785MHz	24
5825MHz	24
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5755MHz	17.5
5795MHz	18.5
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5775MHz	14
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5745MHz	24
5785MHz	24
5825MHz	24
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5755MHz	17.5
5795MHz	18.5
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5775MHz	14



For Radio 2 Pine 1
For UNII 1 and UNII 3 4TX

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	18.5
5200MHz	23
5240MHz	22
5745MHz	24
5785MHz	24
5825MHz	24
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	18
5200MHz	22
5240MHz	22
5745MHz	24
5785MHz	24
5825MHz	24
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	17
5230MHz	21
5755MHz	24
5795MHz	24
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	14.5
5775MHz	21
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	18
5200MHz	22
5240MHz	22
5745MHz	24
5785MHz	24
5825MHz	24
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	17
5230MHz	21
5755MHz	24
5795MHz	24
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	14.5
5775MHz	21



Note:

- ♦ Evaluated HEW20/HEW40/HEW80 mode only due to the similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80 mode are the same or lower than HEW20/HEW40/HEW80.
- ♦ The EUT supports beamforming and CDD modes, and the CDD mode is the worst case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluates the output power.

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	DBS Mode:R1: 2.4GHz/5GHz UNII 1,UNII 3 in 8TX +R2: 5GHz UNII 1,UNII 3+R3: 5GHz UNII 1,UNII 3 +R4: BT
2	SBS Mode:R1: 2.4GHz/5GHz UNII 1,UNII 3 in 4TX +R2: 5GHz UNII 1,UNII 3+R3: 5GHz UNII 1,UNII 3+R4: BT
For operating mode 1 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Output Power Power Spectral Density
Test Condition	Conducted measurement at transmit chains

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	DBS Mode: EUT in Z axis- R1: 2.4GHz/5GHz UNII 1,UNII 3 in 8TX +R2: 5GHz UNII 1,UNII 3+R3: 5GHz UNII 1,UNII 3 +R4: BT
2	DBS Mode: EUT in Y axis- R1: 2.4GHz/5GHz UNII 1,UNII 3 in 8TX +R2: 5GHz UNII 1,UNII 3+R3: 5GHz UNII 1,UNII 3 +R4: BT
3	DBS Mode: EUT in X axis- R1: 2.4GHz/5GHz UNII 1,UNII 3 in 8TX +R2: 5GHz UNII 1,UNII 3+R3: 5GHz UNII 1,UNII 3 +R4: BT
Mode 2 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4 will follow this same test mode.	
4	SBS Mode: EUT in Y axis- R1: 2.4GHz/5GHz UNII 1,UNII 3 in 4TX +R2: 5GHz UNII 1,UNII 3+R3: 5GHz UNII 1,UNII 3+R4: BT
For operating mode 2 is the worst case and it was record in this test report.	

Operating Mode > 1GHz	CTX
	For Radio 1 UNII 1 and UNII 3 8TX, UNII 1 4TX and Radio 2 UNII 1 and UNII 3 4TX The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at X axis. So the measurement will follow this same test configuration. For Radio 1 UNII 3 4TX The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at Y axis. So the measurement will follow this same test configuration.
1	EUT in X axis_Radio 1 UNII 1 and UNII 3 8TX
2	EUT in X axis_Radio 1 UNII 1 4TX
3	EUT in Y axis_Radio 1 UNII 3 4TX
4	EUT in X axis_Radio 2 UNII 1 and UNII 3 4TX

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
	The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at X axis from Unwanted Emissions above 1GHz. So the measurement will follow this same test configuration.
1	EUT in X axis-R1: 2.4GHz/5GHz UNII 1,UNII 3 in 8TX
2	EUT in X axis-R1: 2.4GHz/5GHz UNII 1,UNII 3 in 4TX
For operating mode 2 is the worst case and it was record in this test report.	
Refer to Appendix F 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	DBS Mode:R1: 2.4GHz/5GHz UNII 1,UNII 3 in 8TX +R2: 5GHz UNII 1,UNII 3+R3: 5GHz UNII 1,UNII 3 +R4: BT
2	DBS Mode:R1: 2.4GHz/5GHz UNII 1,UNII 3 in 8TX +R2: 5GHz UNII 1,UNII 3+R3: 6GHz UNII 5~UNII 8 +R4: BT
3	DBS Mode:R1: 2.4GHz/5GHz UNII 1,UNII 3 in 8TX +R2: 6GHz UNII 5~UNII 8+R3: 5GHz UNII 1,UNII 3 +R4: BT
4	DBS Mode:R1: 2.4GHz/5GHz UNII 1,UNII 3 in 8TX +R2: 6GHz UNII 5~UNII 8+R3: 6GHz UNII 5~UNII 8 +R4: BT
5	DBS Mode:R1: 2.4GHz/ SBS Mode:5GHz UNII 1+UNII 3 in 4TX +R2: 5GHz UNII 1,UNII 3+R3: 5GHz UNII 1,UNII 3 +R4: BT
6	DBS Mode:R1: 2.4GHz/ SBS Mode:5GHz UNII 1+UNII 3 in 4TX +R2: 5GHz UNII 1,UNII 3+R3: 6GHz UNII 5~UNII 8 +R4: BT
7	DBS Mode:R1: 2.4GHz/ SBS Mode:5GHz UNII 1+UNII 3 in 4TX +R2: 6GHz UNII 5~UNII 8+R3: 5GHz UNII 1, UNII 3 +R4: BT
8	DBS Mode:R1: 2.4GHz/ SBS Mode:5GHz UNII 1+UNII 3 in 4TX +R2: 6GHz UNII 5~UNII 8+R3: 6GHz UNII 5~UNII 8 +R4: BT
Refer to Sporton Test Report No.: FA142255-01 for Co-location RF Exposure Evaluation.	

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

The PoE information is below:

Support Unit	Brand	Model
PoE	Cambium	NET-P60-56IN

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories
Cradle*1



2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE	Cambium	NET-P60-56IN	N/A
B	PoE PC	DELL	T3400	N/A
C	Smart Phone	Apple	Iphone 12	BCG-E3544A
D	2.4G NB	DELL	E6430	N/A
E	5G LOW NB	DELL	E6430	N/A
F	5G HIGH NB	DELL	E6430	N/A
G	5G NB	DELL	E6430	N/A
H	Flash disk3.0	Transcend	JetFlash-700	N/A

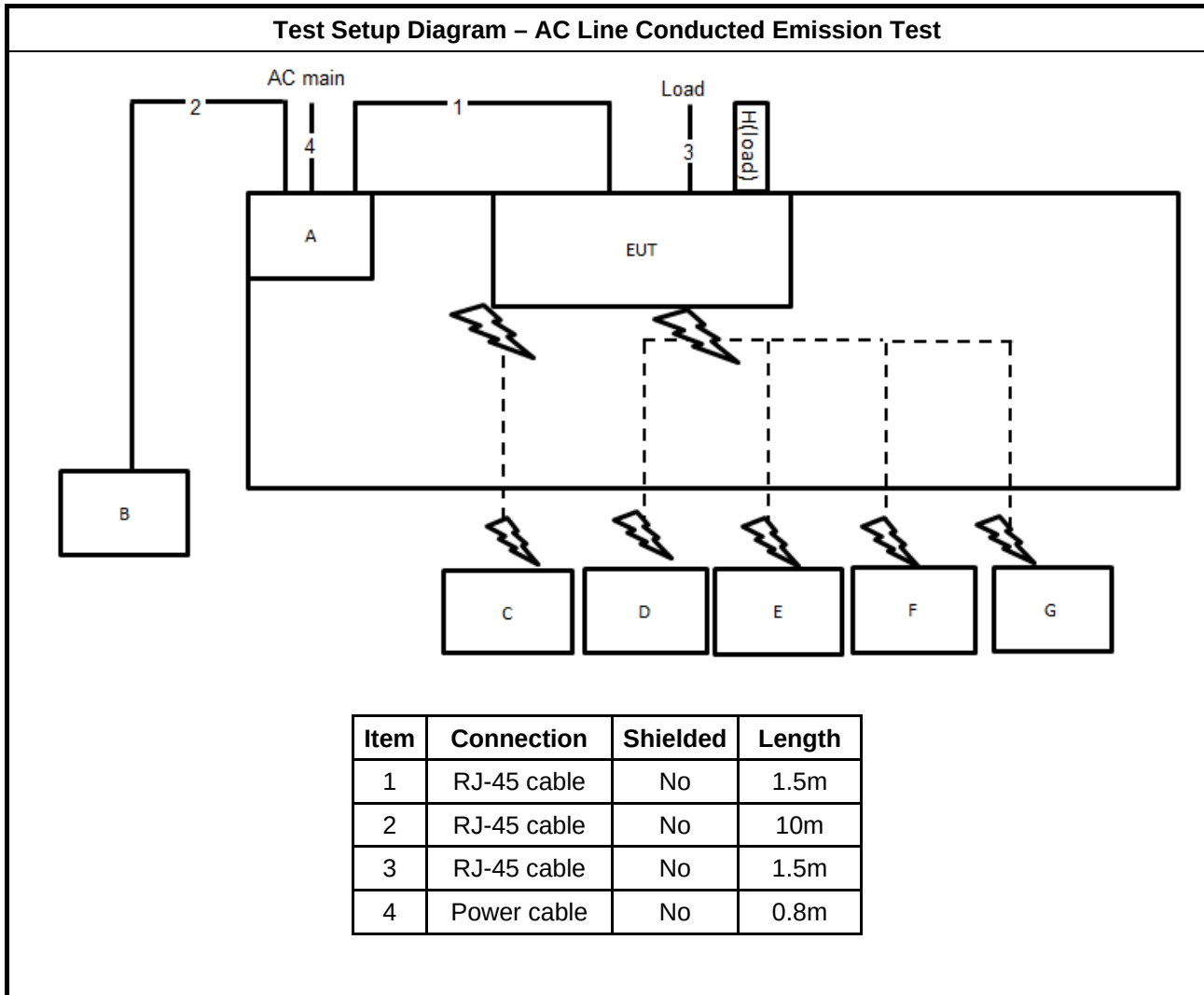
For Radiated (below 1GHz):

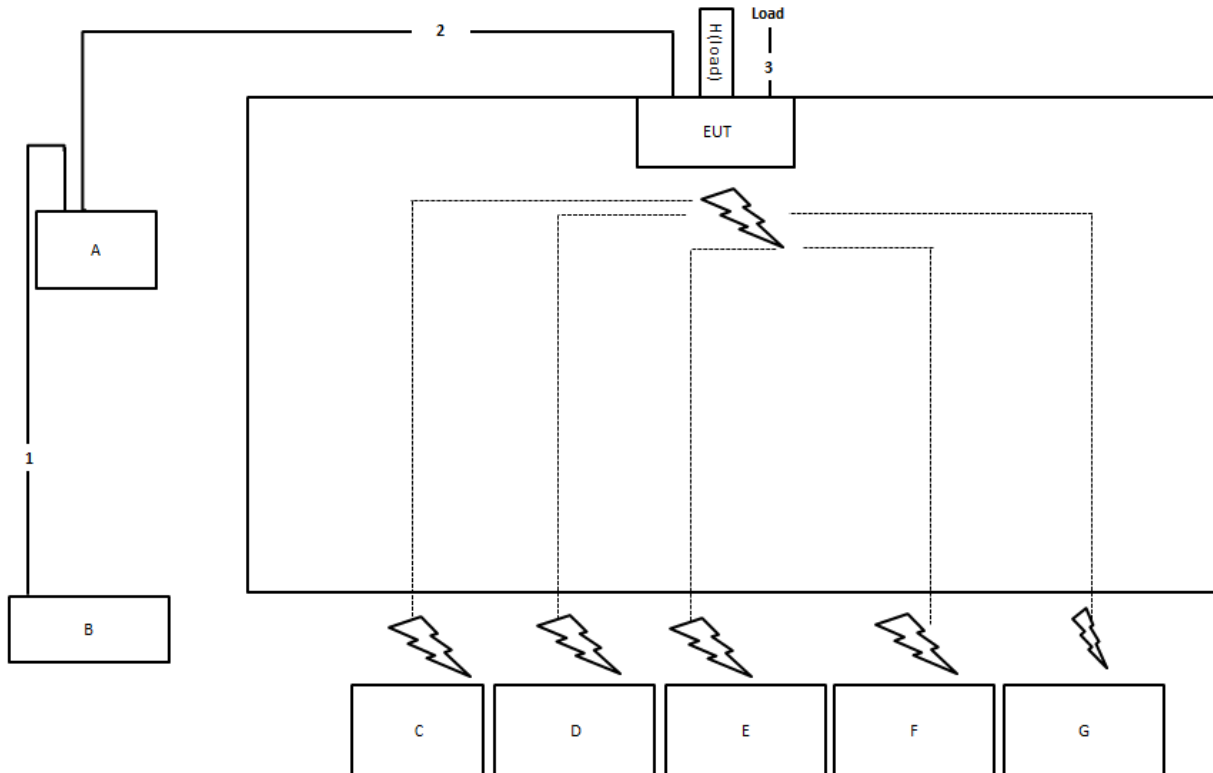
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE	Cambium	NET-P60-56IN	N/A
B	PC	HP	SGH8190LP1	N/A
C	Smart Phone	Apple	Iphone 12	BCG-E3544A
D	Notebook(2.4G)	DELL	E4300	N/A
E	Notebook(5G)	DELL	E4300	N/A
F	Notebook(5G)	DELL	E4300	N/A
G	Notebook(5G)	DELL	E4300	N/A
H	Flash disk3.0	Transcend	JetFlash-700	N/A

For Radiated (above 1GHz) and RF Conducted:

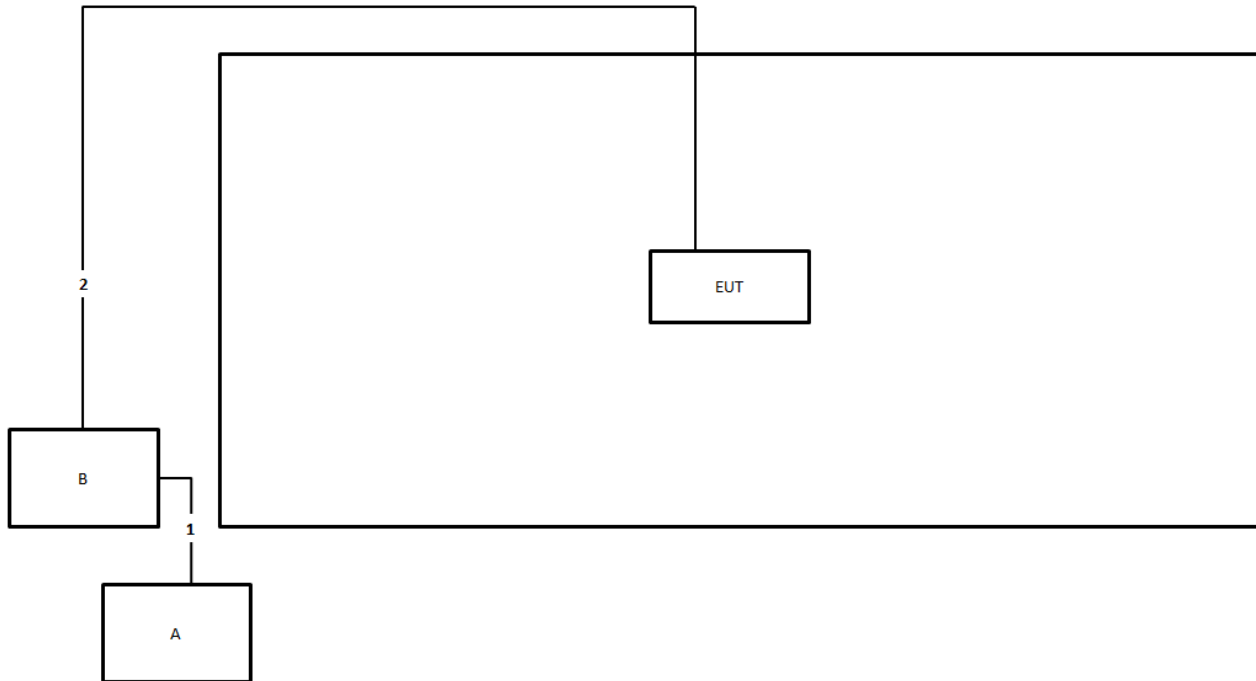
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	PoE	Cambium	NET-P60-56IN	N/A

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	1.5m

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.

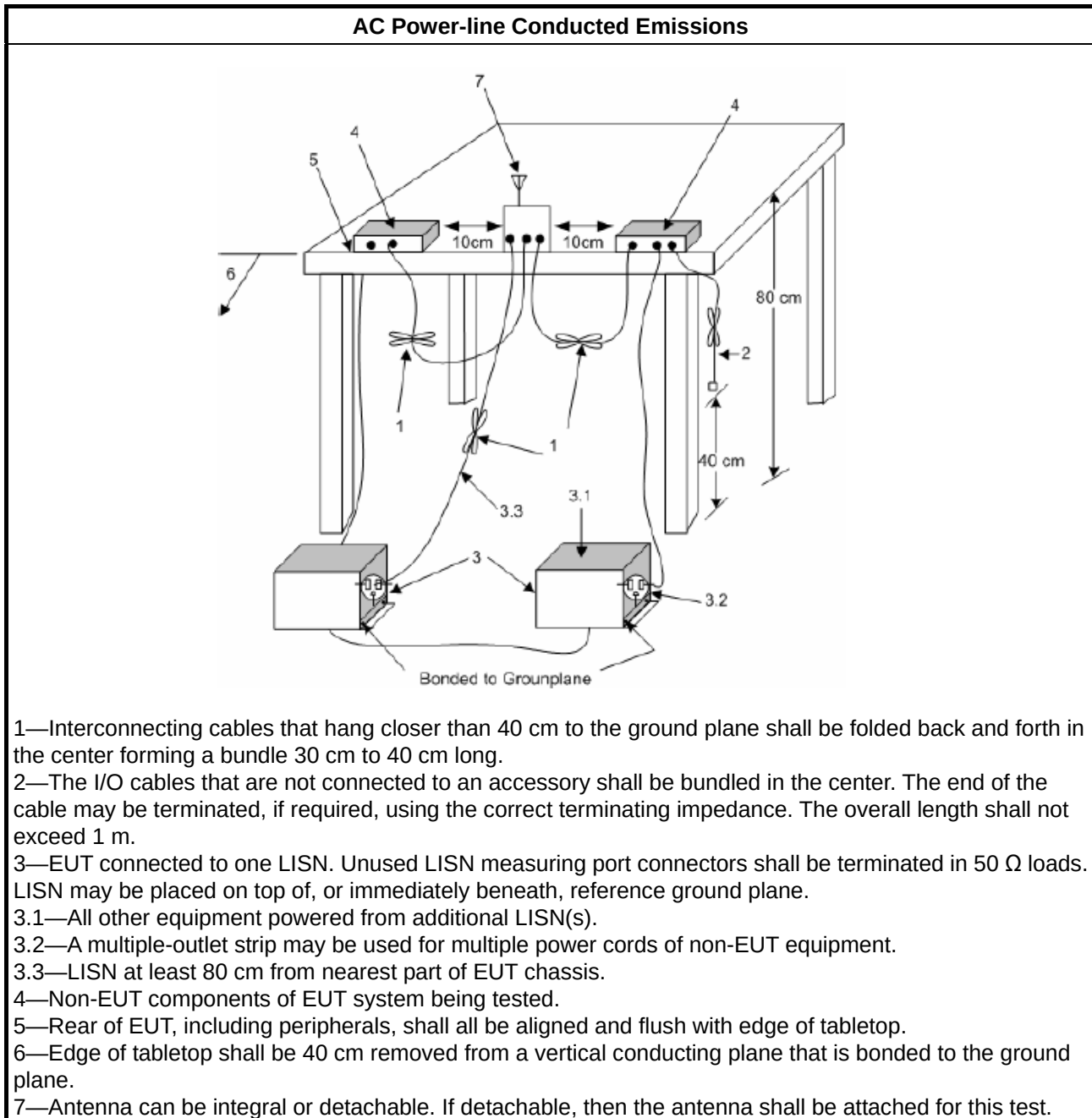
3.1.2 Measuring Instruments

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



3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A



3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit
UNII Devices
☒ For the 5.15-5.25 GHz band, N/A
☐ For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in MHz.
☐ For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in MHz.
☒ For the 5.725-5.85 GHz band, 26 dB emission bandwidth ,N/A. 6 dB emission bandwidth $\geq 500\text{kHz}$.
☐ For the 5.85-5.895 GHz band, 26 dB emission bandwidth ,N/A. 6 dB emission bandwidth $\geq 500\text{kHz}$.
LE-LAN Devices
☐ For the band 5.15-5.25 GHz, the maximum e.i.r.p. shall not exceed 200 mW or $10 + 10 \log B$, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐ For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log B$, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐ For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log B$, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐ For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq 500\text{kHz}$.

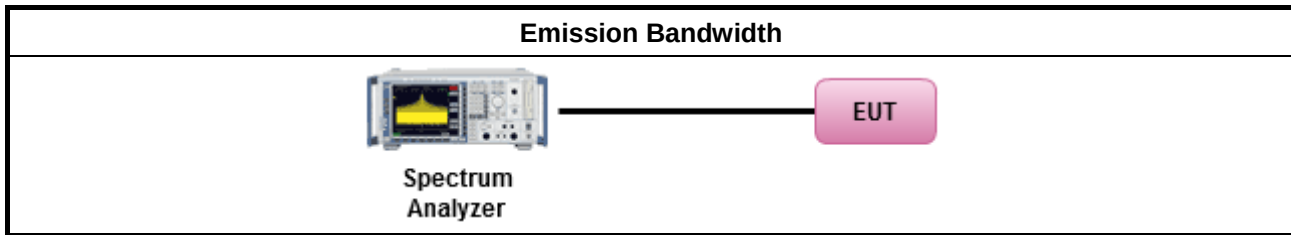
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method
▪ For the emission bandwidth shall be measured using one of the options below:
☒ Refer as FCC KDB 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 Output Power

3.3.1 Limit

Maximum Output Power Limit	
UNII Devices	
☒ For the 5.15-5.25 GHz band:	
☐	- Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm] - Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ - Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 23$ dBi, then $P_{Out} = 30 - (G_{TX} - 23)$. - Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
☐	For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
☐	For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
☒ For the 5.725-5.85 GHz band:	
☐	- Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
Maximum EIRP Limit	
☐ For the 5.85-5.895 GHz band:	
☐	- Indoor AP & subordinate device < 36 dBm - Client device < 30 dBm
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐ For the 5.725-5.85 GHz band:	
☐	- Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.

lesser of 1 W.

P_{Out} = maximum conducted output power in dBm,

G_{TX} = the maximum transmitting antenna directional gain in dBi.

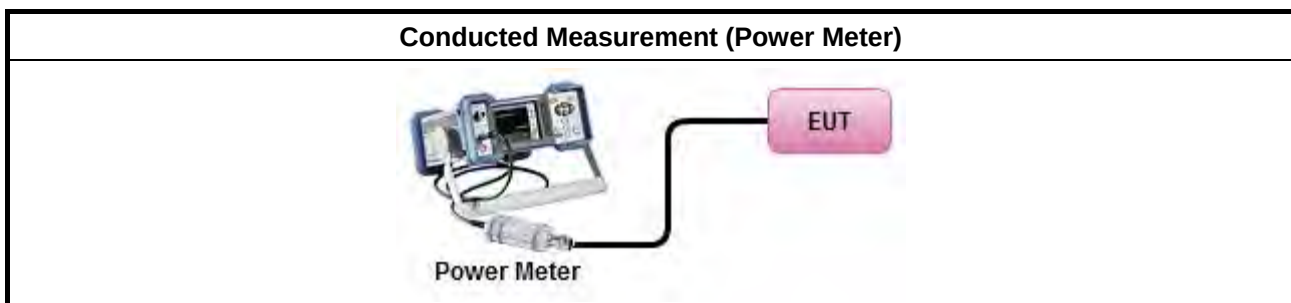
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
	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)
	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 Output Power

Refer as Appendix C



3.4 Power Spectral Density

3.4.1 Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒ For the 5.15-5.25 GHz band:	
	- Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$. - Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$. - Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 23$ dBi, then $P_{Out} = 17 - (G_{TX} - 23)$. - Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.
☐ For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
☐ For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
☒ For the 5.725-5.85 GHz band:	
	- Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
EIRP Power Spectral Density Limit	
☐ For the 5.85-5.895 GHz band:	
	- Indoor AP & subordinate device < 20dBm/MHz - Client device < 14dBm/MHz
LE-LAN Devices	
☐ For the 5.15-5.25 GHz band, the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.	
☐ For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.	
	e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for $0^\circ \leq \theta < 8^\circ$; -13 - 0.716 (θ-8) dBW/MHz for $8^\circ \leq \theta < 40^\circ$ -35.9 - 1.22 (θ-40) dBW/MHz for $40^\circ \leq \theta \leq 45^\circ$; -42 dBW/MHz for $\theta > 45^\circ$
☐ For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.	
☐ For the 5.725-5.85 GHz band:	
	- Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that the same method as used to determine the conducted output	



power shall be used to determine the power spectral density. And power spectral density in dBm/MHz
 G_{TX} = the maximum transmitting antenna directional gain in dBi.

3.4.2 Measuring Instruments

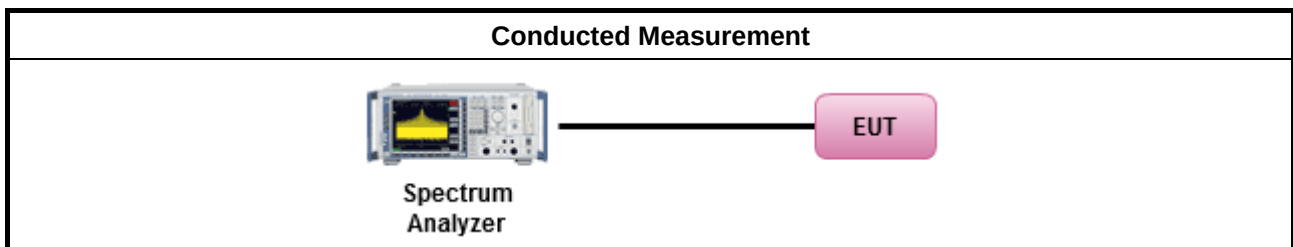
Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method	
Peak power spectral density procedures that the same method as used to determine the conducted output power 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])	

Test Method	
	$EIRP_{total} = PPSD_{total} + DG$
☐	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.
	Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

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.

Un-restricted band emissions above 1GHz Limit	
Operating Band	Limit
☒ 5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☐ 5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☐ 5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.725 - 5.85 GHz	all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
☐ 5.85 - 5.895 GHz	(i) For an indoor access point or subordinate device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of 15 dBm/MHz and shall decrease linearly to an e.i.r.p. of - 7 dBm/MHz at or above 5.925 GHz. (ii) For a client device all emissions at or above 5.895 GHz shall not exceed an



	e.i.r.p. of -5 dBm/MHz and shall decrease linearly to an e.i.r.p. of -27 dBm/MHz at or above 5.925 GHz. (iii) For a client device or indoor access point or subordinate device, all emissions below 5.725 GHz shall not exceed an e.i.r.p. of -27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/ MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz.
Note 1: 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).	

3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method	
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:	
For radiated measurement.	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).
	☒ 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.
	☐ 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.
The any unwanted emissions level shall not exceed the fundamental emission level.	☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.

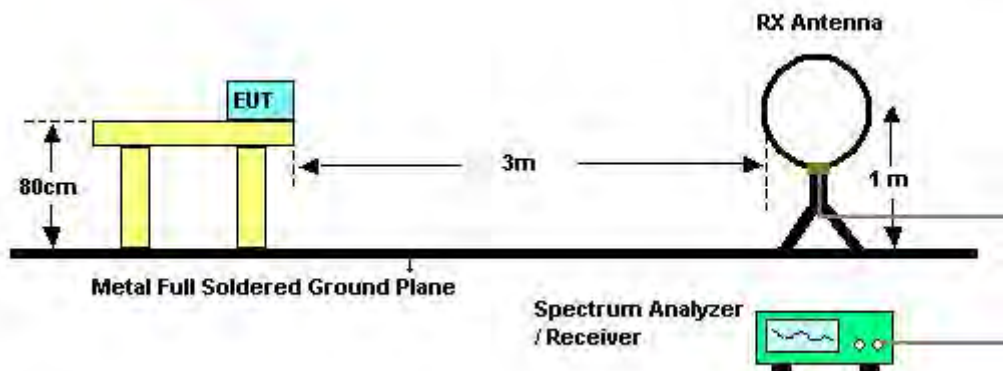
Test Method

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

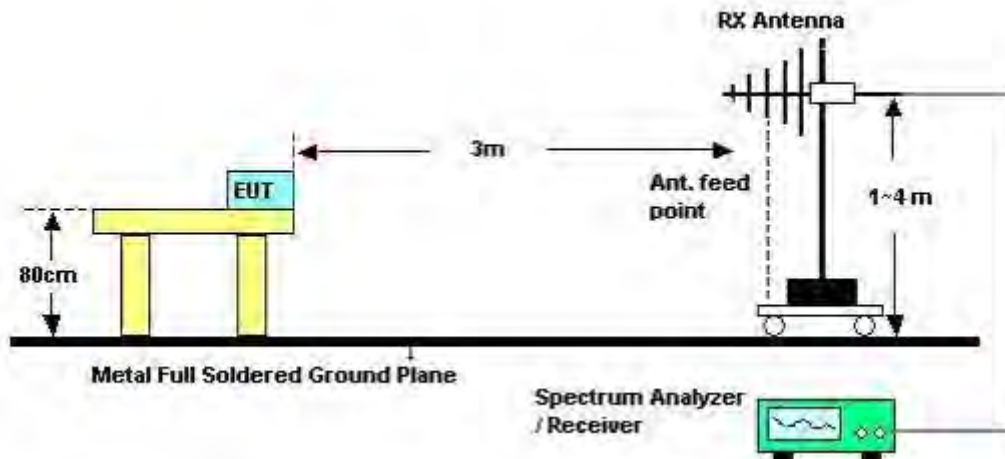
3.5.4 Test Setup

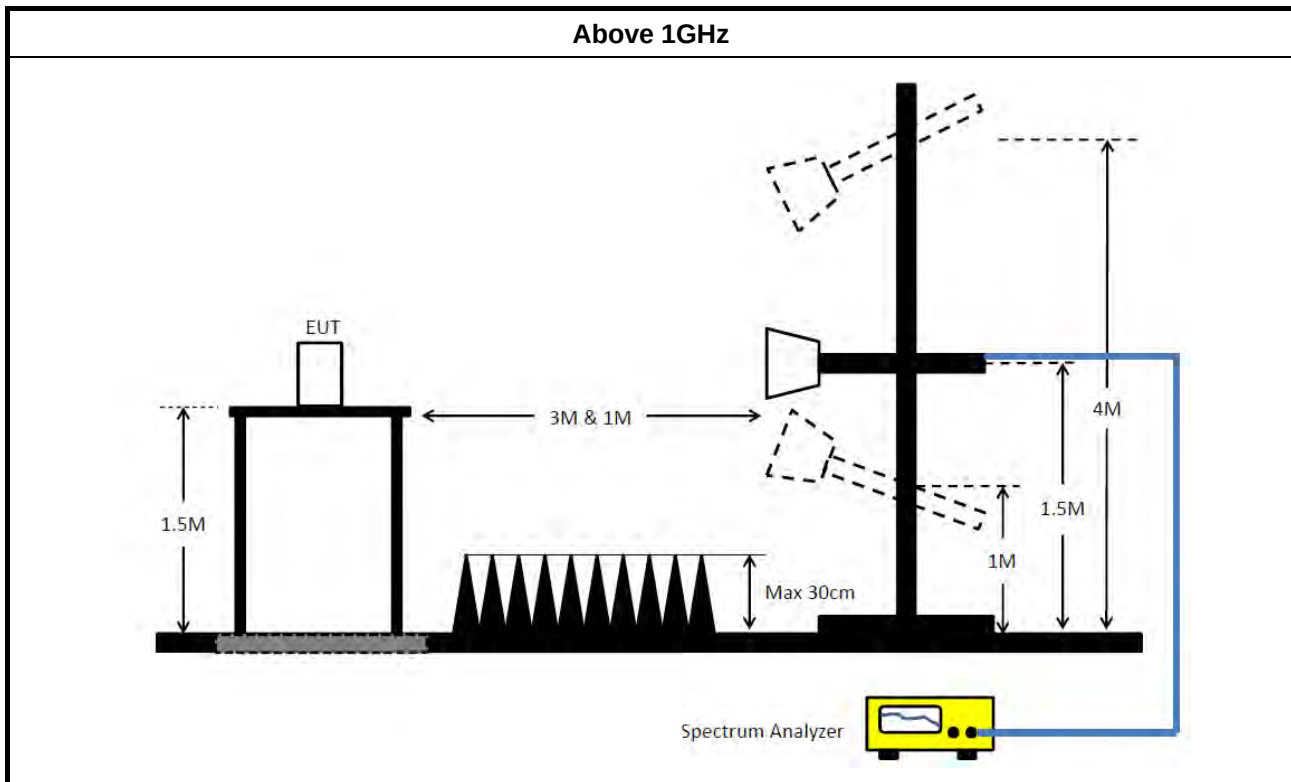
Transmitter Radiated Unwanted Emissions

9kHz ~30MHz



30MHz~1GHz





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



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 03, 2021	Mar. 02, 2022	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Dec. 22, 2021	Dec. 21, 2022	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Mar. 07, 2021	Mar. 06, 2022	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Jan. 30, 2021	Jan. 29, 2022	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 19, 2021	May 18, 2022	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 14, 2021	Apr. 13, 2022	Radiation (03CH03-CB)
Loop Antenna	Teseq	HLA 6120	31244	9kHz - 30 MHz	Mar. 18, 2022	Mar. 17, 2023	Radiation (03CH03-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH03-CB	30 MHz ~ 1 GHz	Jan. 27, 2021	Jan. 26, 2022	Radiation (03CH03-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH03-CB	30 MHz ~ 1 GHz	Jan. 26, 2022	Jan. 25, 2023	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 06, 2021	May 05, 2022	Radiation (03CH03-CB)
Bilog Antenna with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	2928 & AT-N0608	20MHz ~ 2GHz	Feb. 22, 2021	Feb. 21, 2022	Radiation (03CH03-CB)
Bilog Antenna with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	2928 & AT-N0608	20MHz ~ 2GHz	Feb. 21, 2022	Feb. 20, 2023	Radiation (03CH03-CB)
Horn Antenna	ETS • Lindgren	3115	6821	750MHz~18GHz	Jan. 26, 2021	Jan. 25, 2022	Radiation (03CH03-CB)
Horn Antenna	ETS • Lindgren	3115	6821	750MHz~18GHz	Jan. 21, 2022	Jan. 20, 2023	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8447D	2944A10259	9kHz ~ 1.3GHz	Jan. 11, 2021	Jan. 10, 2022	Radiation (03CH03-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	Agilent	8447D	2944A10259	9kHz ~ 1.3GHz	Jan. 10, 2022	Jan. 09, 2023	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jul. 02, 2021	Jul. 01, 2022	Radiation (03CH03-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 04, 2021	Jun. 03, 2022	Radiation (03CH03-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 21, 2021	Jun. 20, 2022	Radiation (03CH03-CB)
RF Cable-low	Woken	RG402	Low Cable-02+29	30MHz ~ 1GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	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	03CH01-CB	1GHz ~18GHz 3m	May 07, 2021	May 06, 2022	Radiation (03CH01-CB)
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Nov. 06, 2021	Nov. 05, 2022	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 20, 2021	May 19, 2022	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	May 03, 2021	May 02, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz 3m	Mar. 27, 2021	Mar. 26, 2022	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 26, 2022	Mar. 25, 2023	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	May 04, 2021	May 03, 2022	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 12, 2021	Jul. 11, 2022	Radiation (03CH02-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSU	100015	9kHz~26GHz	Oct. 25, 2021	Oct. 24, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 25, 2021	Feb. 24, 2022	Radiation (03CH04-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 24, 2022	Feb. 23, 2023	Radiation (03CH04-CB)
Horn Antenna	ETS • Lindgren	3115	00143147	750MHz~18GHz	Oct. 25, 2021	Oct. 24, 2022	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz~26.5GHz	Jul. 12, 2021	Jul. 11, 2022	Radiation (03CH04-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH04-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	Apr. 15, 2021	Apr. 14, 2022	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 28, 2022	Mar. 27, 2023	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	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 21, 2021	May 20, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Switch	SPTCB	SP-SWI	SWI-01	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P1	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P2	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P3	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P4	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P5	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
Power Sensor	Anritsu	MA2411B	1339408	300MHz~40GHz	Sep. 06, 2021	Sep. 05, 2022	Conducted (TH01-CB)
Power Meter	Anritsu	ML2495A	1517009	300MHz~40GHz	Sep. 06, 2021	Sep. 05, 2022	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)

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

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



Conducted Emissions at Powerline

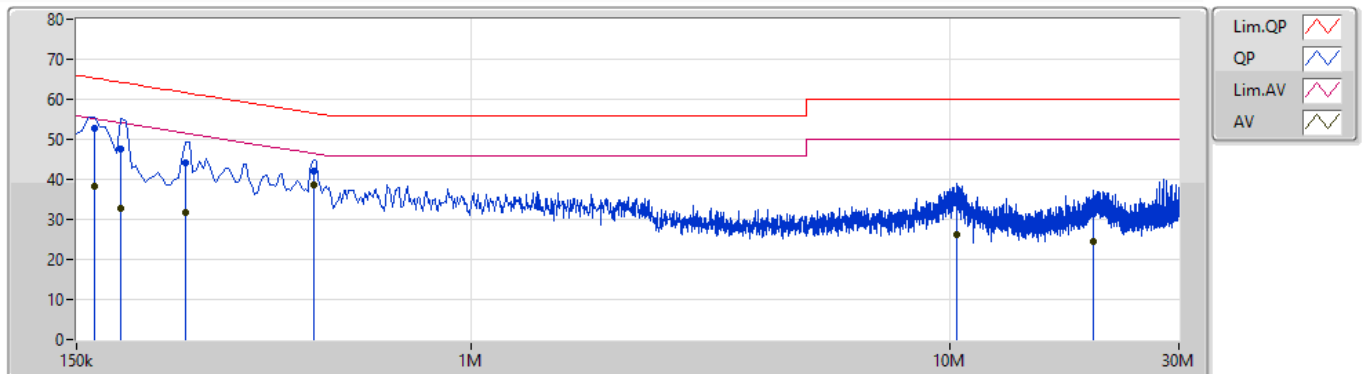
Appendix A

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	469.5k	38.59	46.52	-7.93	Line

Mode 1

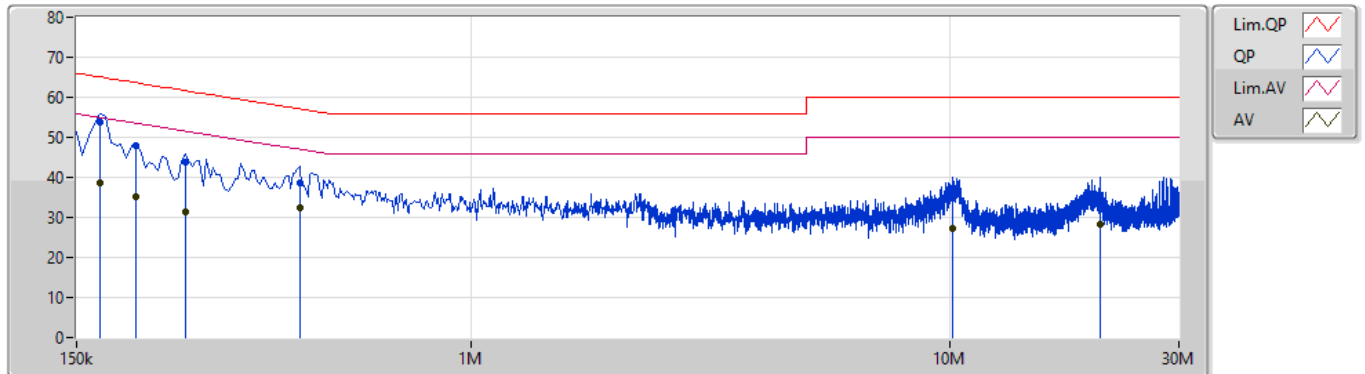
07/01/2022



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	163.5k	52.84	65.27	-12.43	9.89	Line	-	42.95	0.04	0.04	9.81			
AV	163.5k	38.22	55.27	-17.05	9.89	Line	-	28.33	0.04	0.04	9.81			
QP	186k	47.73	64.20	-16.47	9.89	Line	-	37.84	0.04	0.04	9.81			
AV	186k	32.61	54.20	-21.59	9.89	Line	-	22.72	0.04	0.04	9.81			
QP	253.5k	44.30	61.64	-17.34	9.89	Line	-	34.41	0.04	0.04	9.81			
AV	253.5k	31.57	51.64	-20.07	9.89	Line	-	21.68	0.04	0.04	9.81			
QP	469.5k	42.01	56.52	-14.51	9.90	Line	-	32.11	0.04	0.04	9.82			
AV	469.5k	38.59	46.52	-7.93	9.90	Line	"Worst"	28.69	0.04	0.04	9.82			
QP	10.302M	34.26	60.00	-25.74	10.28	Line	-	23.98	0.22	0.16	9.90			
AV	10.302M	26.20	50.00	-23.80	10.28	Line	-	15.92	0.22	0.16	9.90			
QP	19.86M	31.31	60.00	-28.69	10.54	Line	-	20.77	0.32	0.22	10.00			
AV	19.86M	24.38	50.00	-25.62	10.54	Line	-	13.84	0.32	0.22	10.00			

Mode 1

07/01/2022



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	168k	53.88	65.06	-11.18	9.88	Neutral	"Worst"	44.00	0.03	0.04	9.81			
AV	168k	38.72	55.06	-16.34	9.88	Neutral	-	28.84	0.03	0.04	9.81			
QP	199.5k	47.79	63.63	-15.84	9.88	Neutral	-	37.91	0.03	0.04	9.81			
AV	199.5k	35.03	53.63	-18.60	9.88	Neutral	-	25.15	0.03	0.04	9.81			
QP	253.5k	43.77	61.64	-17.87	9.88	Neutral	-	33.89	0.03	0.04	9.81			
AV	253.5k	31.44	51.64	-20.20	9.88	Neutral	-	21.56	0.03	0.04	9.81			
QP	438k	38.51	57.11	-18.60	9.89	Neutral	-	28.62	0.03	0.04	9.82			
AV	438k	32.50	47.11	-14.61	9.89	Neutral	-	22.61	0.03	0.04	9.82			
QP	10.104M	35.16	60.00	-24.84	10.26	Neutral	-	24.90	0.20	0.16	9.90			
AV	10.104M	27.08	50.00	-22.92	10.26	Neutral	-	16.82	0.20	0.16	9.90			
QP	20.589M	34.03	60.00	-25.97	10.53	Neutral	-	23.50	0.30	0.23	10.00			
AV	20.589M	28.32	50.00	-21.68	10.53	Neutral	-	17.79	0.30	0.23	10.00			



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_8TX	24.06M	16.732M	16M7D1D	19.38M	16.432M
802.11ax HEW20_Nss1,(MCS0)_8TX	29.61M	19.13M	19M1D1D	20.91M	18.861M
802.11ax HEW40_Nss1,(MCS0)_8TX	61.62M	38.381M	38M4D1D	40.68M	37.901M
802.11ax HEW80_Nss1,(MCS0)_8TX	82.44M	77.721M	77M7D1D	81.6M	77.001M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_8TX	16.35M	37.991M	38M0D1D	13.83M	20.96M
802.11ax HEW20_Nss1,(MCS0)_8TX	19.08M	38.951M	39M0D1D	15.03M	19.64M
802.11ax HEW40_Nss1,(MCS0)_8TX	38.04M	77.301M	77M3D1D	33.9M	38.381M
802.11ax HEW80_Nss1,(MCS0)_8TX	78M	78.441M	78M4D1D	67.8M	77.001M

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)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)	Port 5-N dB (Hz)	Port 5-OBW (Hz)	Port 6-N dB (Hz)	Port 6-OBW (Hz)	Port 7-N dB (Hz)	Port 7-OBW (Hz)	Port 8-N dB (Hz)	Port 8-OBW (Hz)
802.11a_Nss1.(6Mbps)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	20.64M	16.492M	20.25M	16.432M	20.52M	16.522M	20.16M	16.582M	20.46M	16.492M	20.43M	16.522M	20.43M	16.462M	19.38M	16.492M
5200MHz	Pass	Inf	21.84M	16.432M	21.63M	16.582M	21.12M	16.522M	22.08M	16.642M	20.22M	16.522M	21.81M	16.582M	20.58M	16.432M	21.78M	16.552M
5240MHz	Pass	Inf	24.06M	16.732M	21.93M	16.552M	21.48M	16.582M	21.87M	16.582M	21.9M	16.432M	23.46M	16.672M	19.95M	16.432M	22.11M	16.672M
5745MHz	Pass	500k	16.35M	35.502M	16.32M	30.855M	15.12M	21.919M	16.32M	37.151M	15.09M	26.357M	15.81M	32.474M	15.69M	20.96M	15.69M	22.339M
5785MHz	Pass	500k	16.35M	36.072M	16.32M	37.001M	15.69M	31.994M	15.66M	37.001M	16.29M	37.991M	15.06M	24.078M	15.24M	25.367M	15.69M	28.456M
5825MHz	Pass	500k	15.69M	35.382M	16.26M	34.783M	15.09M	24.048M	16.32M	36.282M	16.26M	37.631M	15.09M	28.996M	13.83M	22.489M	16.29M	36.912M
802.11ax HEW20_Nss1.(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.42M	18.981M	21.51M	18.981M	22.17M	19.01M	21.39M	18.921M	21.57M	18.981M	21.66M	19.01M	21.75M	19.07M	21.21M	18.891M
5200MHz	Pass	Inf	28.65M	19.1M	25.8M	19.1M	26.91M	19.13M	26.58M	19.13M	25.17M	19.04M	22.86M	19.04M	29.61M	19.01M	22.95M	19.07M
5240MHz	Pass	Inf	23.37M	19.13M	27.36M	19.1M	24.18M	18.981M	24.03M	19.07M	23.79M	19.13M	22.65M	19.13M	20.91M	18.861M	23.52M	18.981M
5745MHz	Pass	500k	18.9M	38.111M	18.96M	32.774M	17.67M	32.444M	16.29M	38.741M	19.02M	32.534M	16.41M	20.42M	15.03M	19.82M	17.01M	19.64M
5785MHz	Pass	500k	19.02M	37.481M	18.54M	33.583M	18.99M	38.951M	18.78M	38.531M	18.99M	37.571M	16.32M	24.648M	15.15M	28.456M	16.8M	23.448M
5825MHz	Pass	500k	17.76M	36.582M	18.63M	31.514M	19.08M	38.381M	18.72M	37.511M	18.99M	38.171M	18.09M	36.342M	18.09M	23.928M	18.48M	38.591M
802.11ax HEW40_Nss1.(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	41.22M	37.901M	41.22M	38.081M	40.92M	37.901M	41.1M	38.021M	40.68M	37.901M	41.34M	38.081M	41.34M	37.961M	41.22M	38.141M
5230MHz	Pass	Inf	46.56M	38.201M	44.58M	38.261M	54.6M	38.321M	61.62M	38.381M	52.92M	38.141M	44.16M	38.321M	41.46M	38.261M	43.74M	38.381M
5755MHz	Pass	500k	37.74M	43.418M	37.38M	38.981M	33.9M	44.738M	37.74M	49.475M	37.92M	42.099M	37.98M	40.18M	37.8M	38.621M	38.04M	38.381M
5795MHz	Pass	500k	37.86M	69.325M	37.2M	45.817M	36M	63.448M	37.98M	77.301M	38.04M	65.907M	35.7M	48.276M	37.98M	55.532M	37.62M	59.79M
802.11ax HEW80_Nss1.(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.72M	77.361M	82.44M	77.721M	82.2M	77.361M	81.96M	77.361M	82.08M	77.001M	82.08M	77.601M	81.96M	77.481M	81.6M	77.721M
5775MHz	Pass	500k	74.76M	77.481M	67.8M	77.001M	74.16M	77.121M	75.84M	77.841M	78M	77.841M	77.88M	78.441M	76.92M	77.721M	77.64M	77.601M

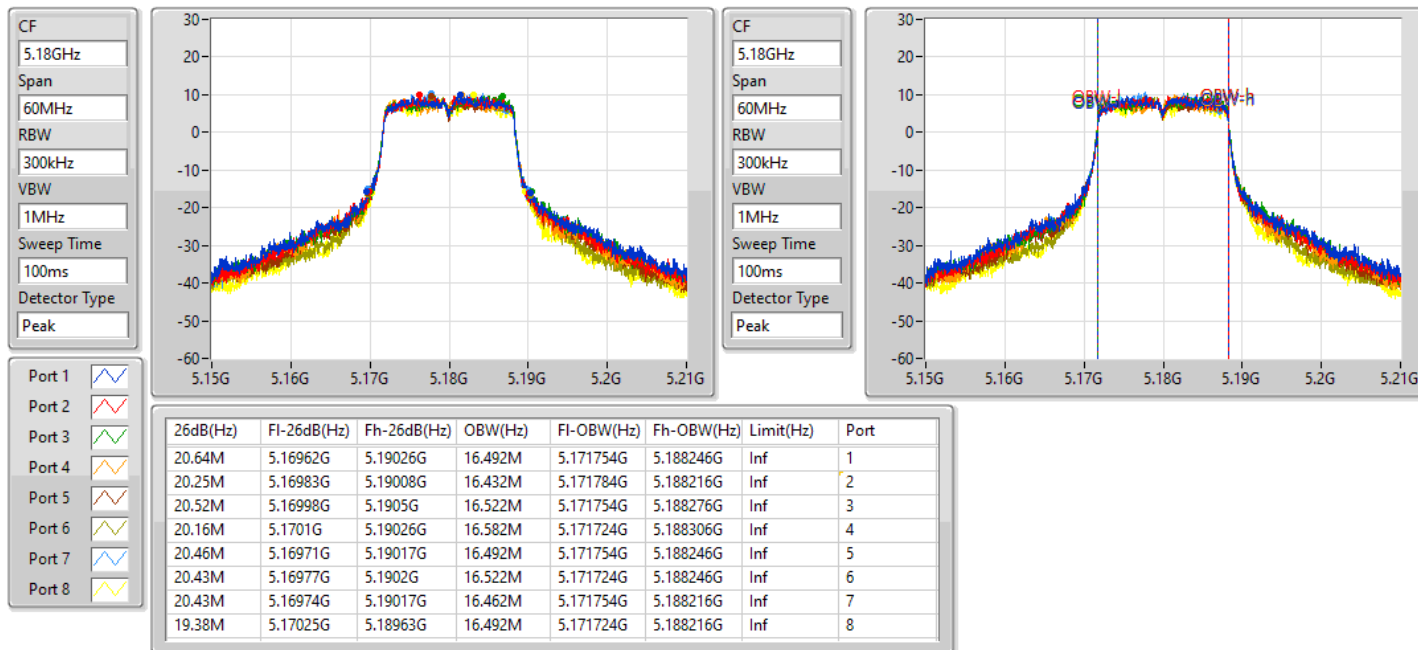
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_8TX

EBW

5180MHz

07/01/2022

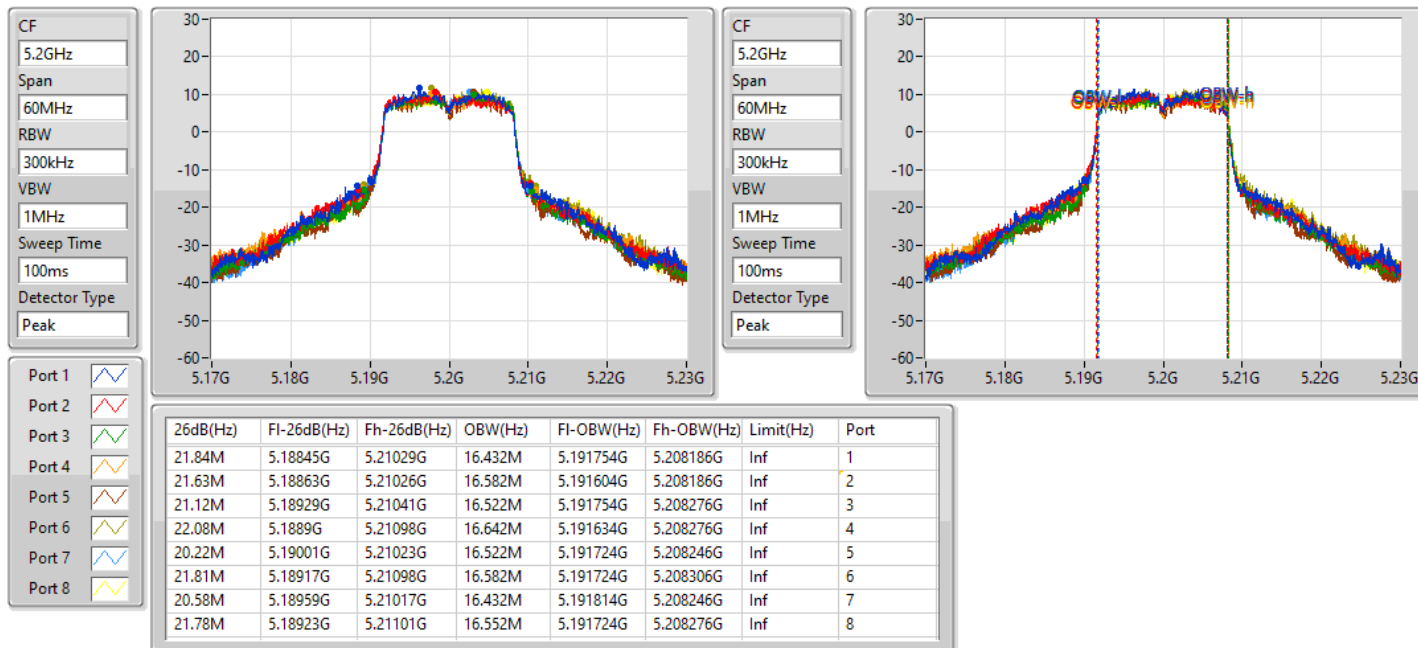


802.11a_Nss1,(6Mbps)_8TX

EBW

5200MHz

28/03/2022

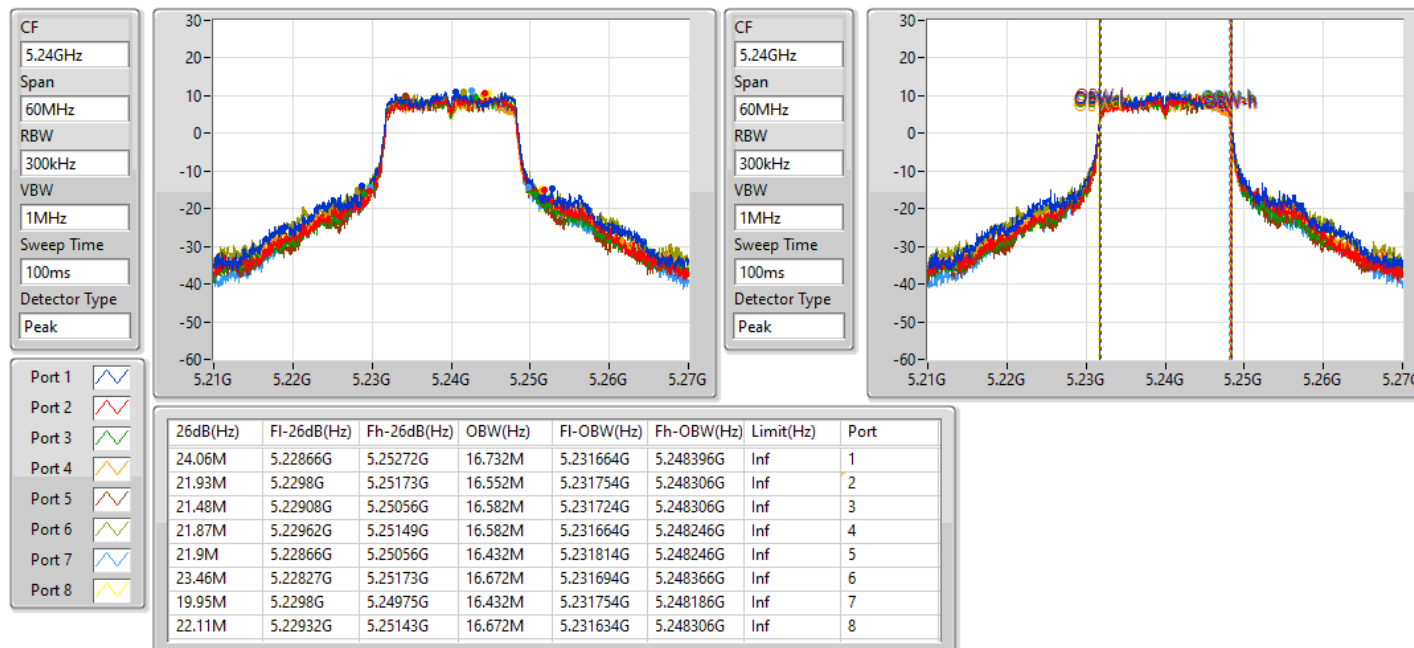


802.11a_Nss1,(6Mbps)_8TX

EBW

5240MHz

28/03/2022

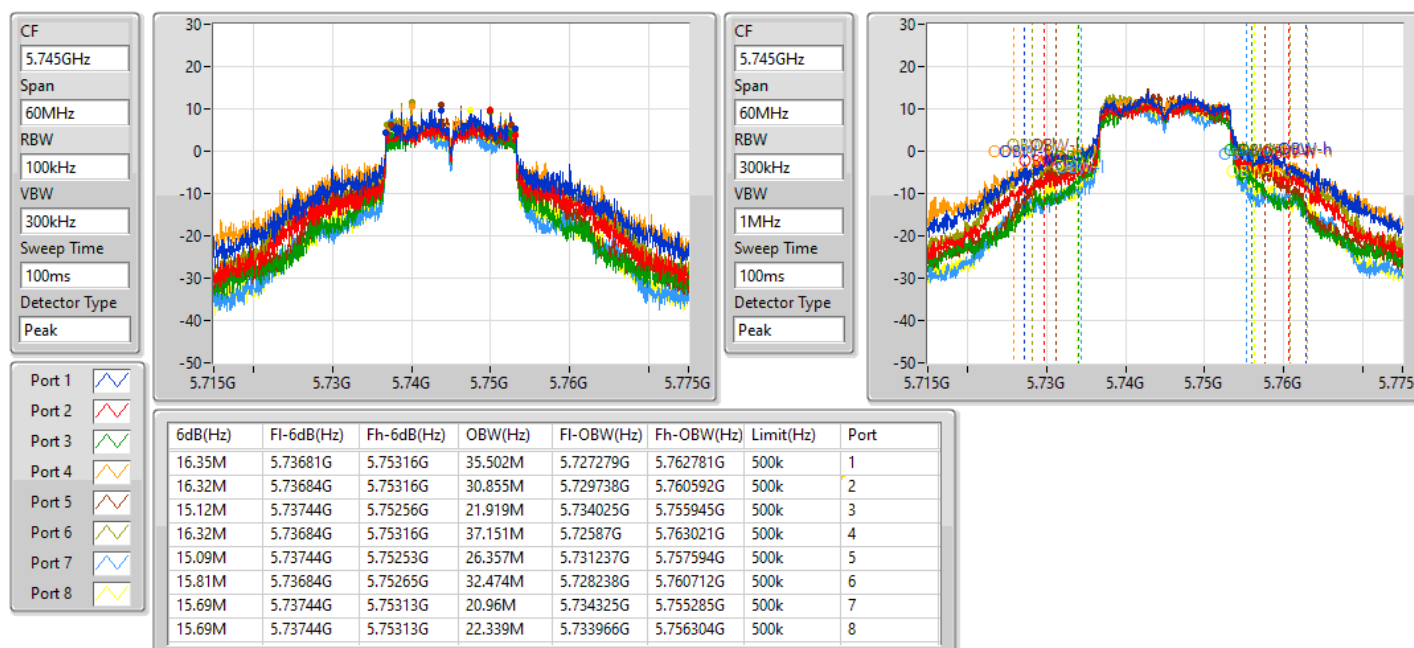


802.11a_Nss1,(6Mbps)_8TX

EBW

5745MHz

07/01/2022

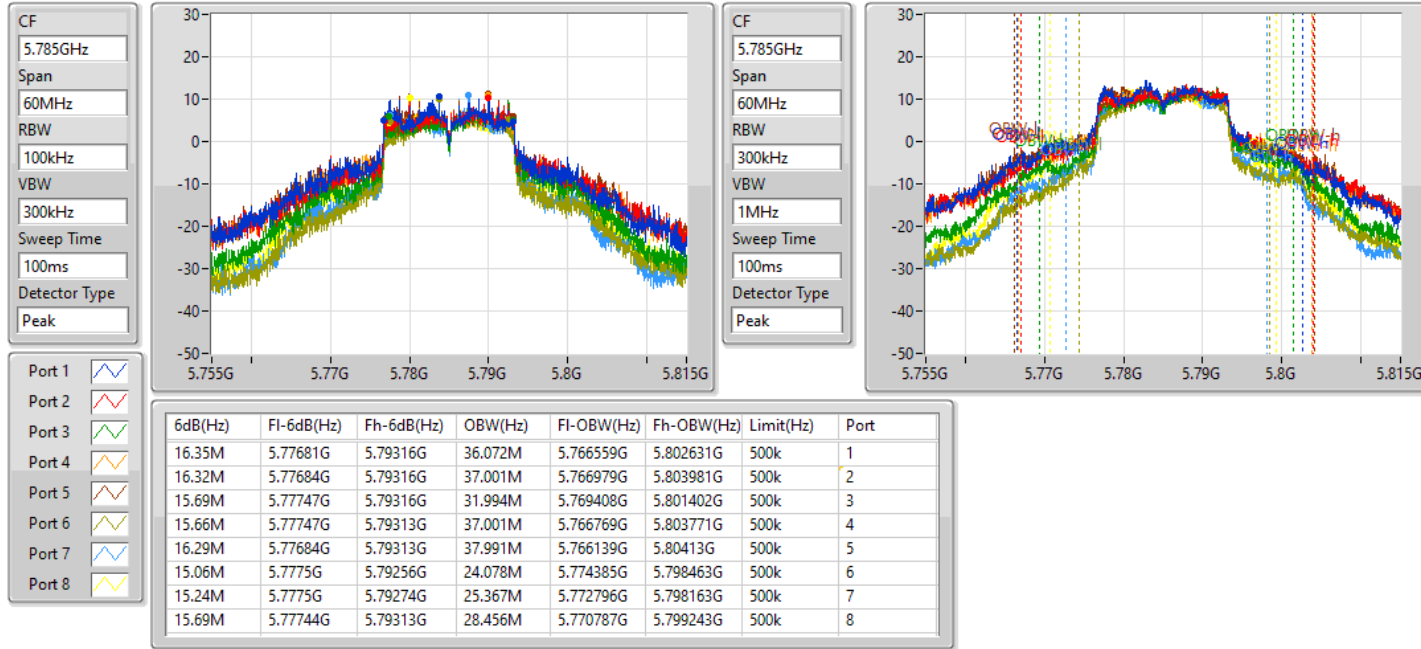


802.11a_Nss1,(6Mbps)_8TX

EBW

5785MHz

07/01/2022

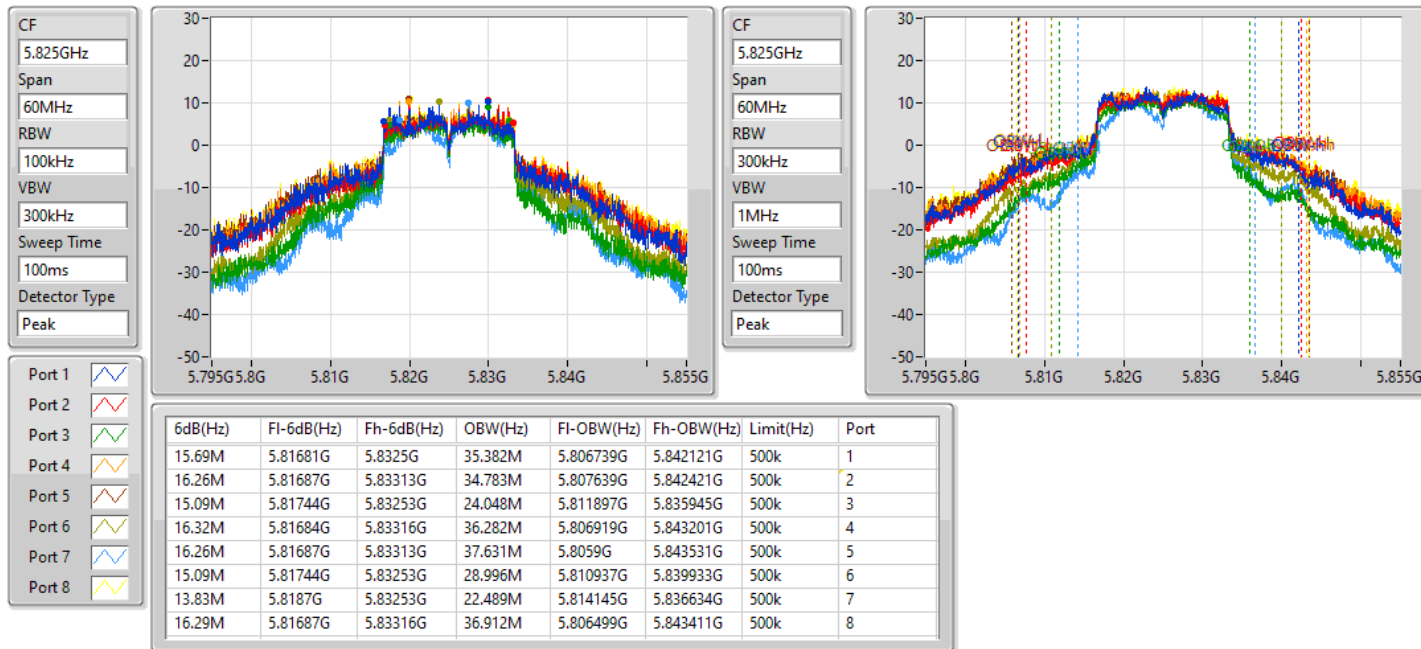


802.11a_Nss1,(6Mbps)_8TX

EBW

5825MHz

07/01/2022

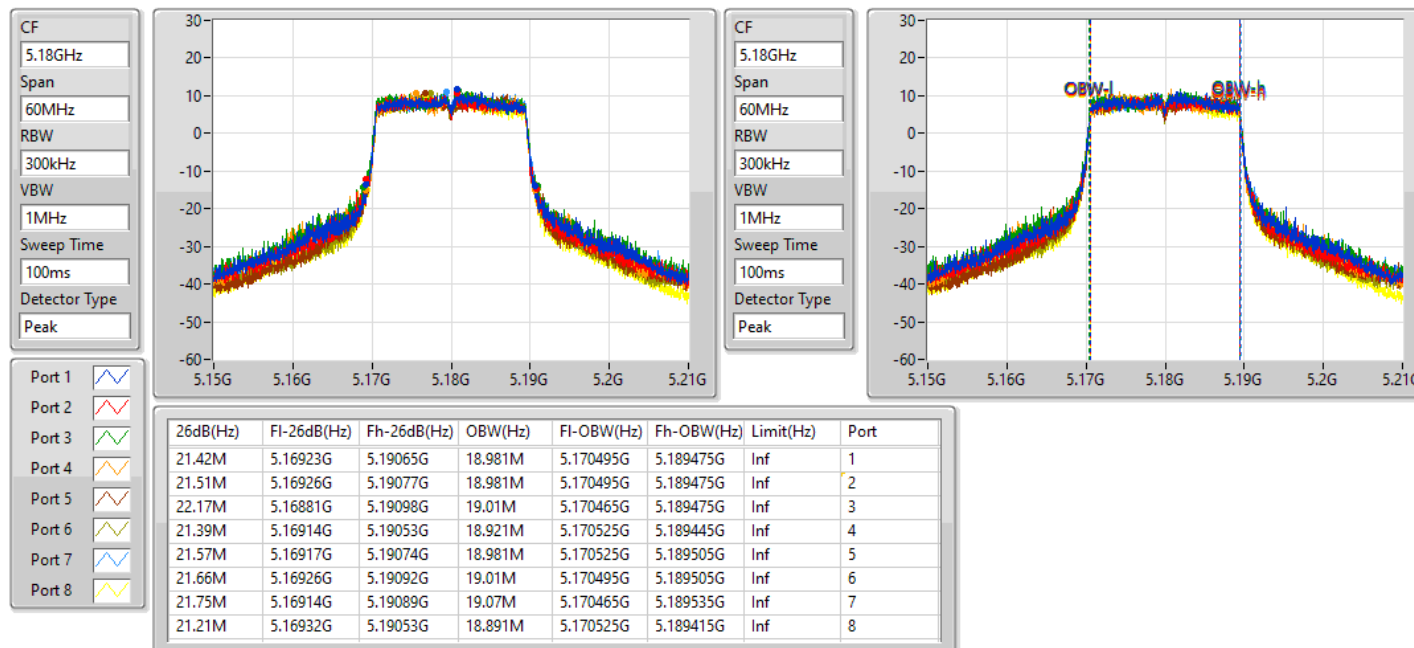


802.11ax HEW20_Nss1,(MCS0)_8TX

EBW

5180MHz

07/01/2022

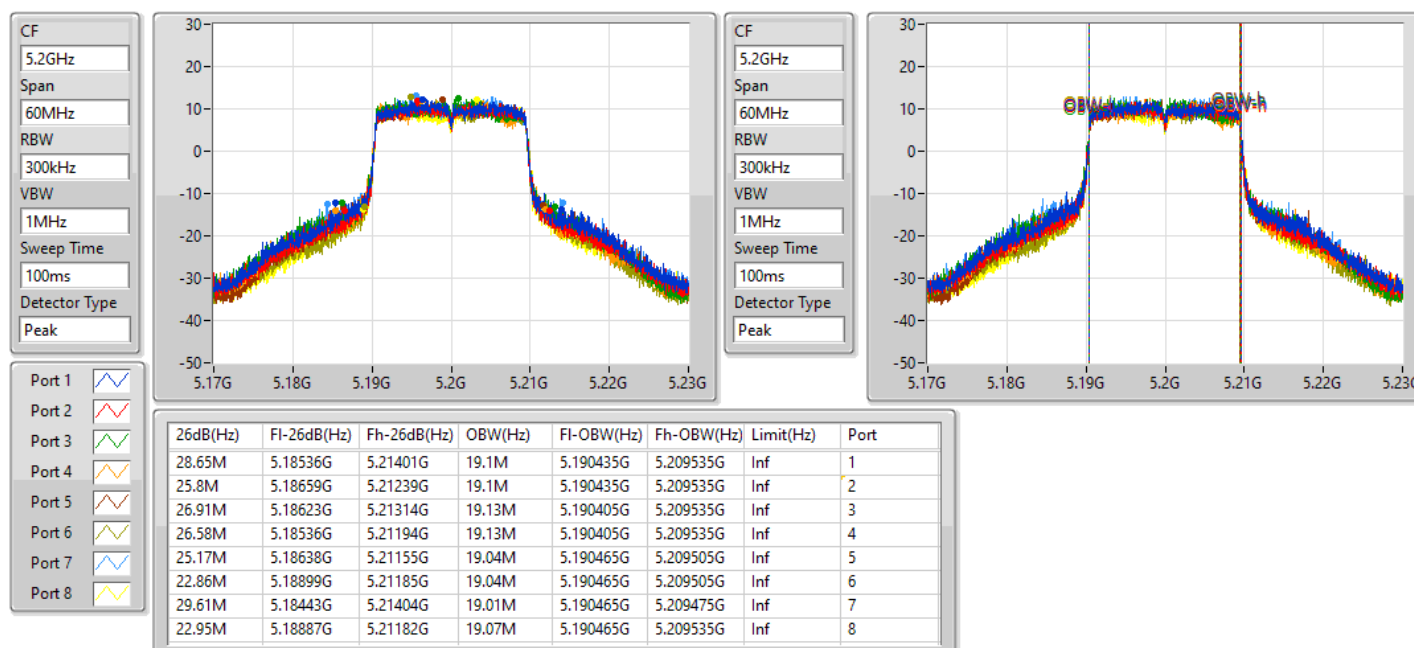


802.11ax HEW20_Nss1,(MCS0)_8TX

EBW

5200MHz

07/01/2022

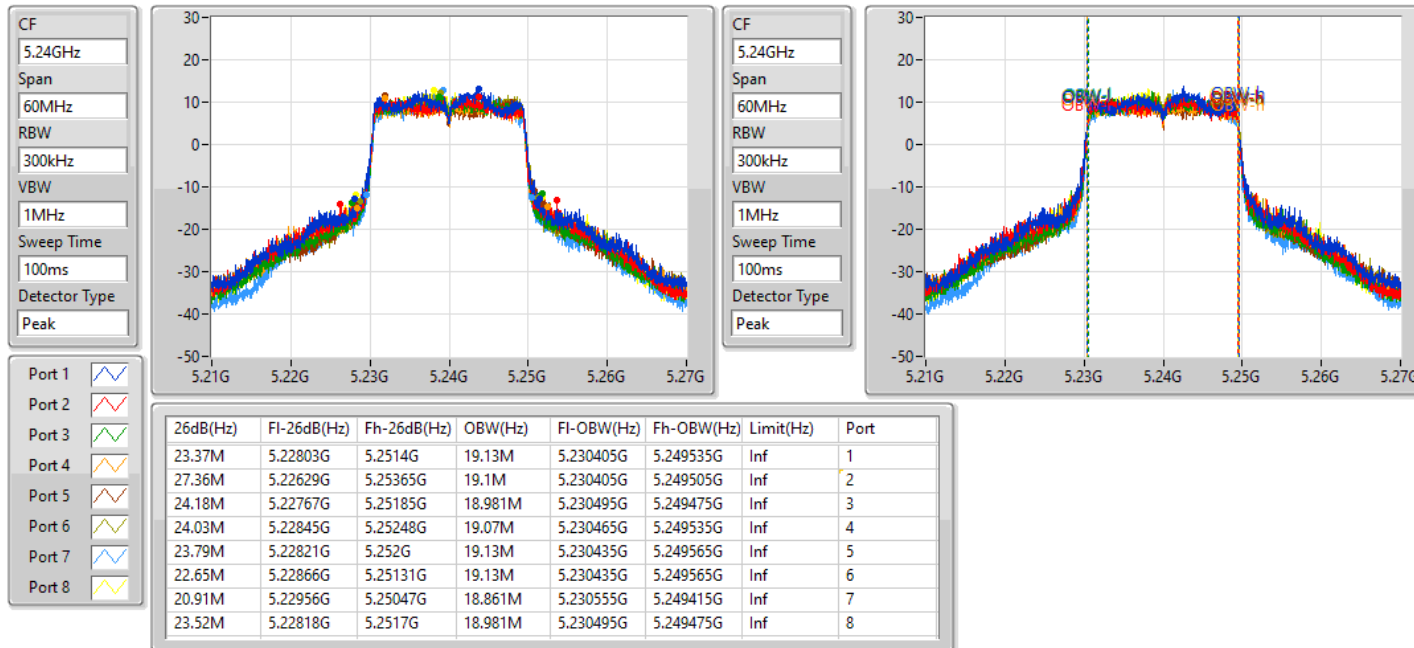


802.11ax HEW20_Nss1,(MCS0)_8TX

EBW

5240MHz

28/03/2022

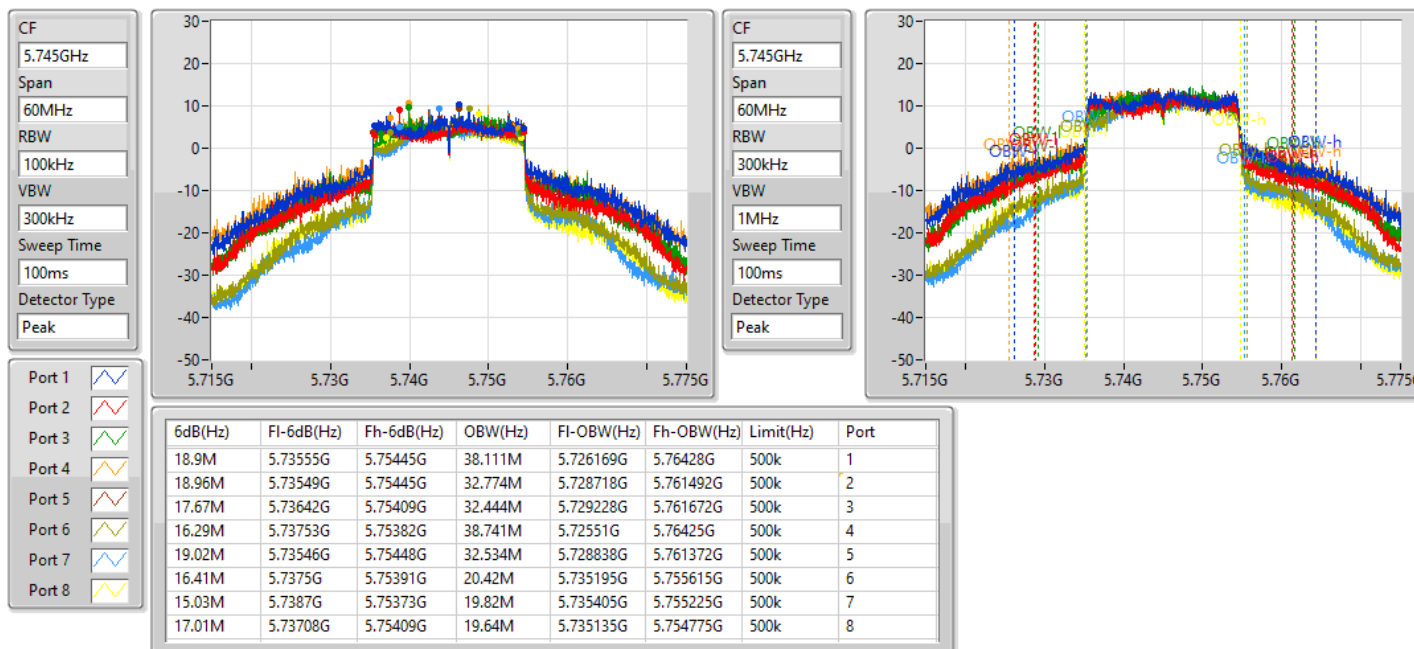


802.11ax HEW20_Nss1,(MCS0)_8TX

EBW

5745MHz

07/01/2022

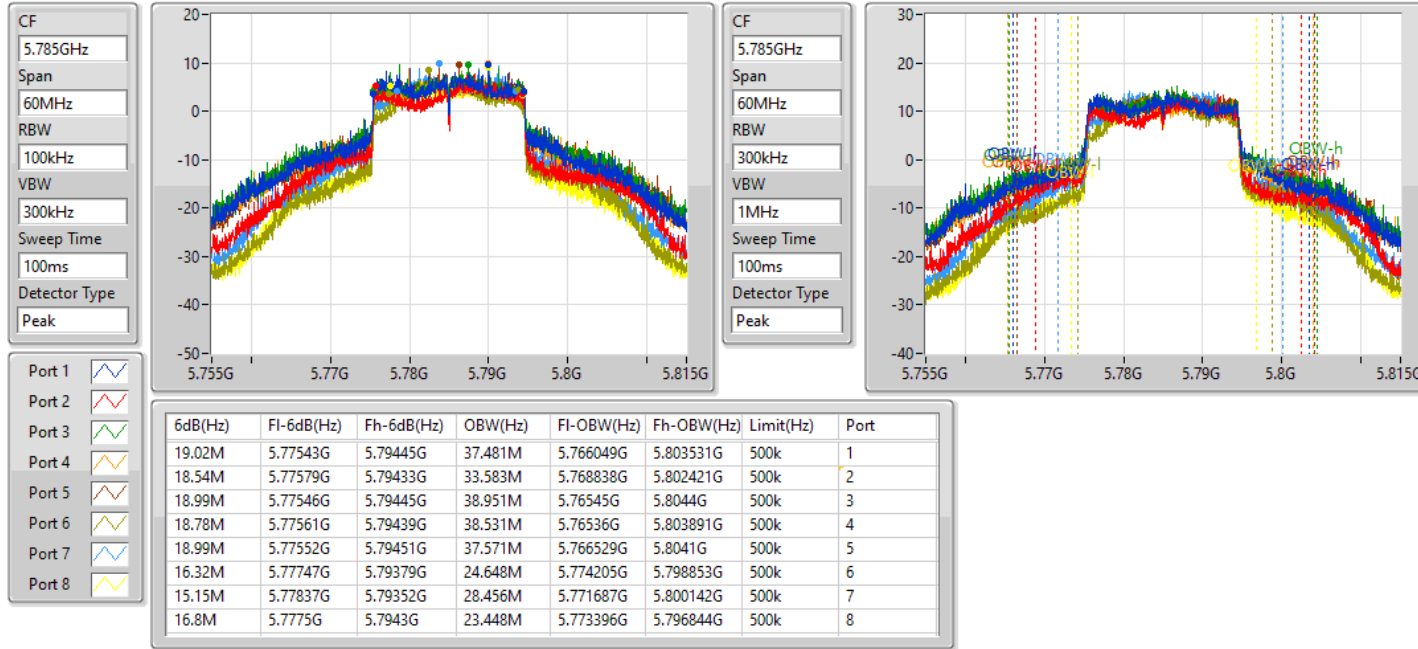


802.11ax HEW20_Nss1,(MCS0)_8TX

EBW

5785MHz

07/01/2022

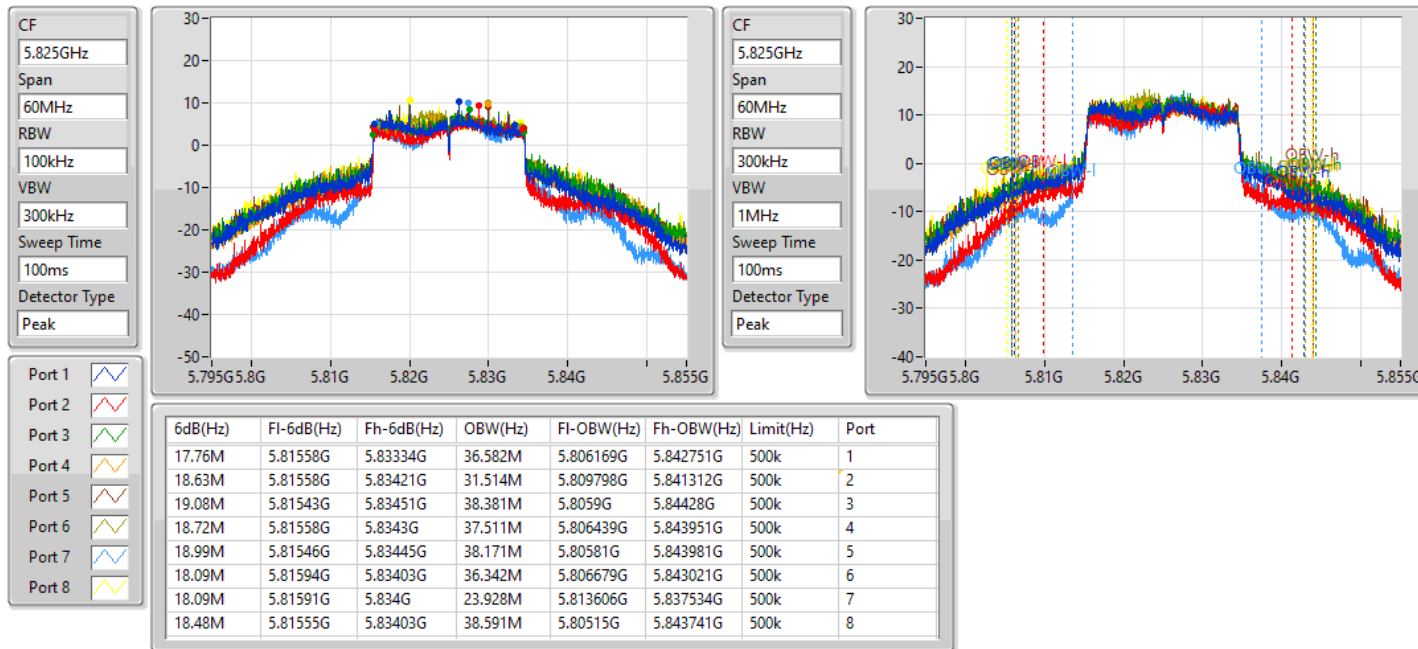


802.11ax HEW20_Nss1,(MCS0)_8TX

EBW

5825MHz

07/01/2022

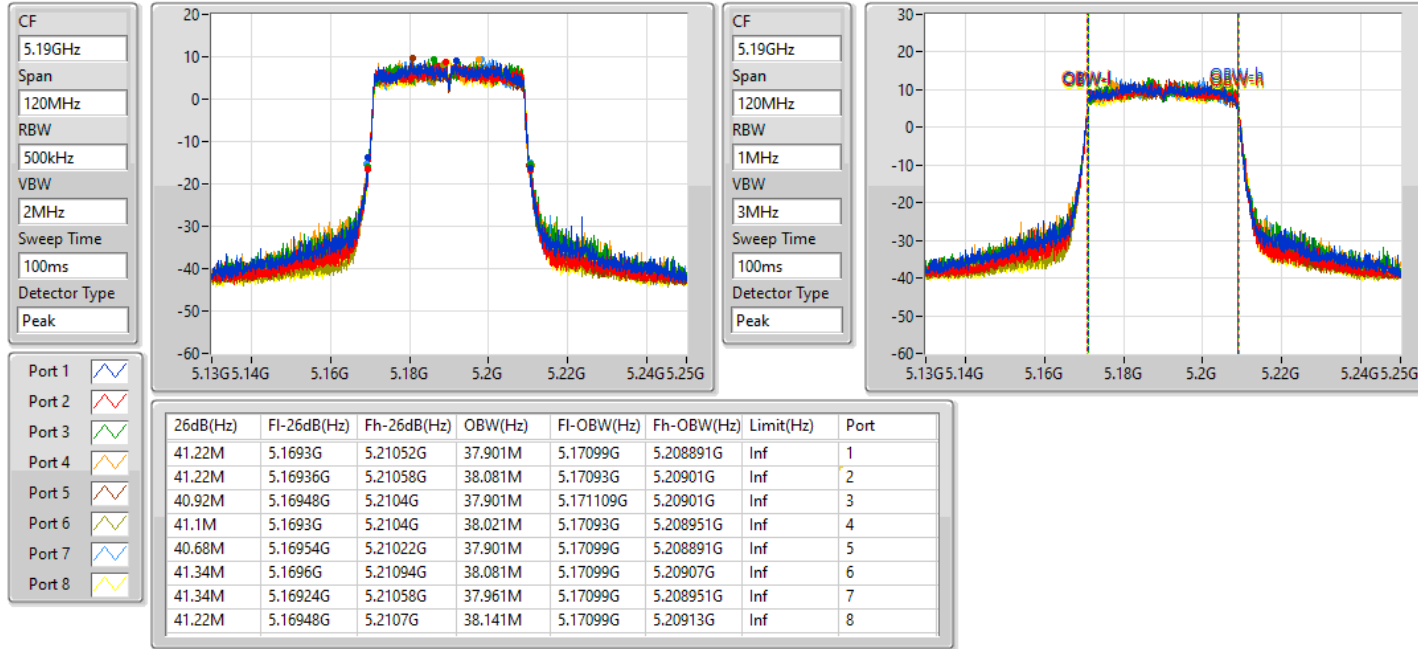


802.11ax HEW40_Nss1,(MCS0)_8TX

EBW

5190MHz

07/01/2022

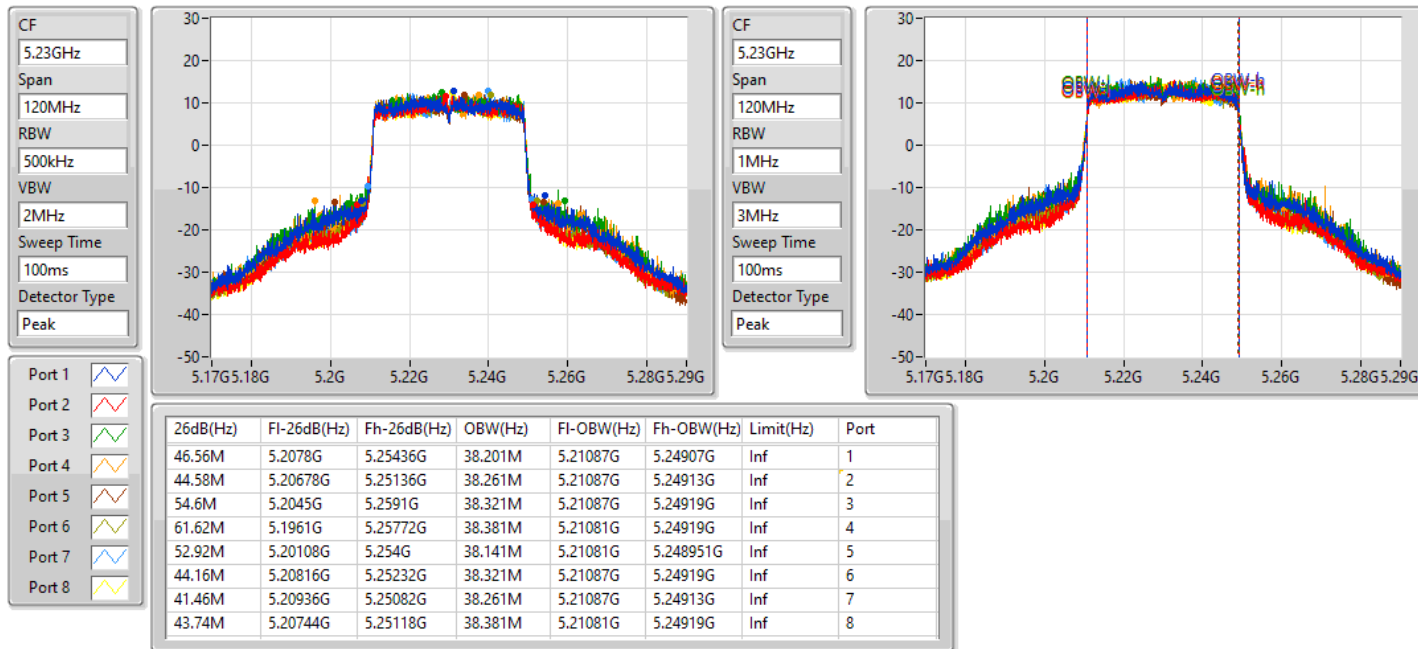


802.11ax HEW40_Nss1,(MCS0)_8TX

EBW

5230MHz

07/01/2022



802.11ax HEW40_Nss1,(MCS0)_8TX

EBW

5755MHz

08/01/2022

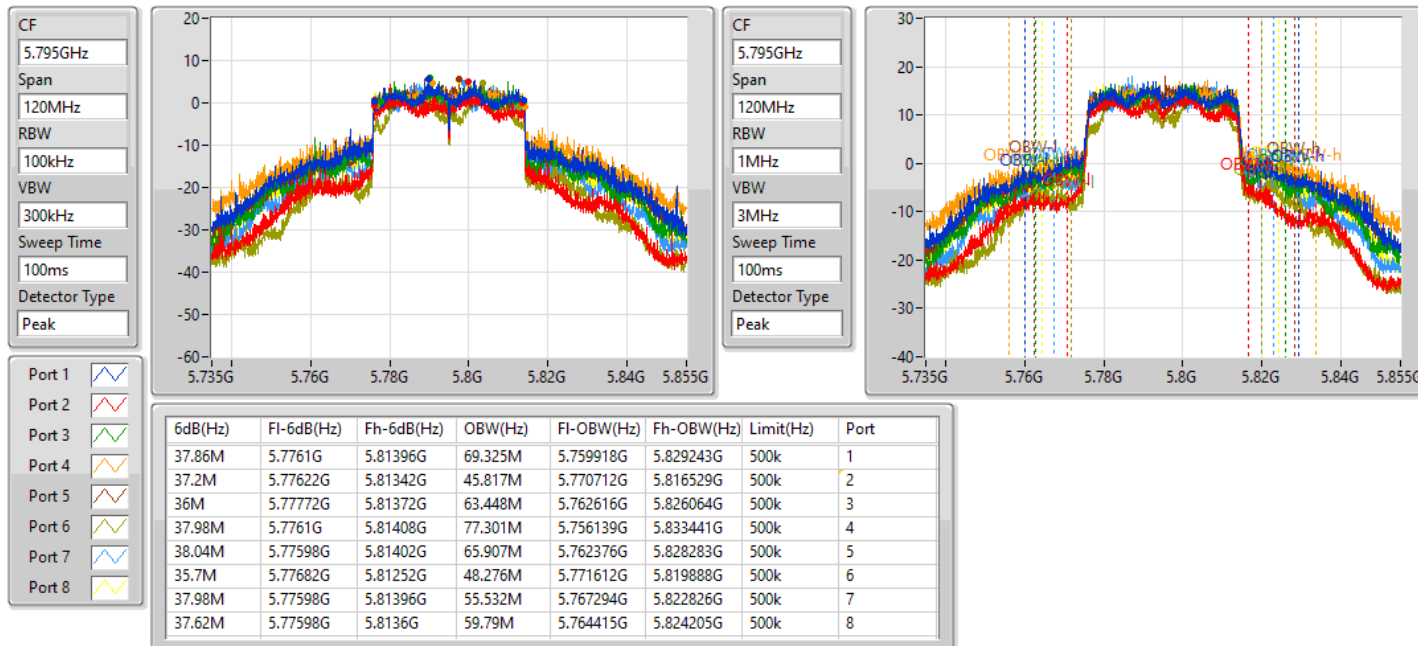


802.11ax HEW40_Nss1,(MCS0)_8TX

EBW

5795MHz

08/01/2022



802.11ax HEW80_Nss1,(MCS0)_8TX

EBW

5210MHz

08/01/2022

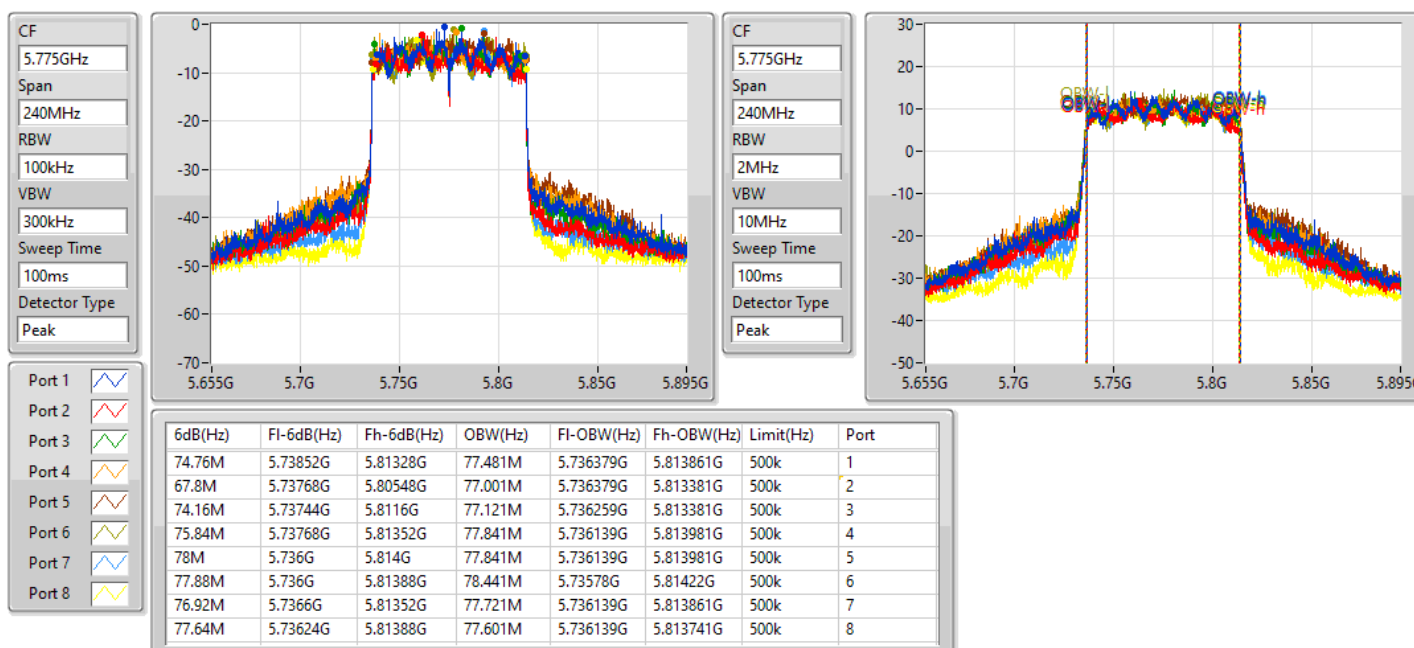


802.11ax HEW80_Nss1,(MCS0)_8TX

EBW

5775MHz

08/01/2022



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	36.9M	22.129M	22M1D1D	19.8M	16.492M
802.11ax HEW20_Nss1,(MCS0)_4TX	48.72M	26.867M	26M9D1D	21.42M	18.861M
802.11ax HEW40_Nss1,(MCS0)_4TX	60.78M	38.741M	38M7D1D	40.56M	37.781M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.8M	77.601M	77M6D1D	82.32M	77.481M

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

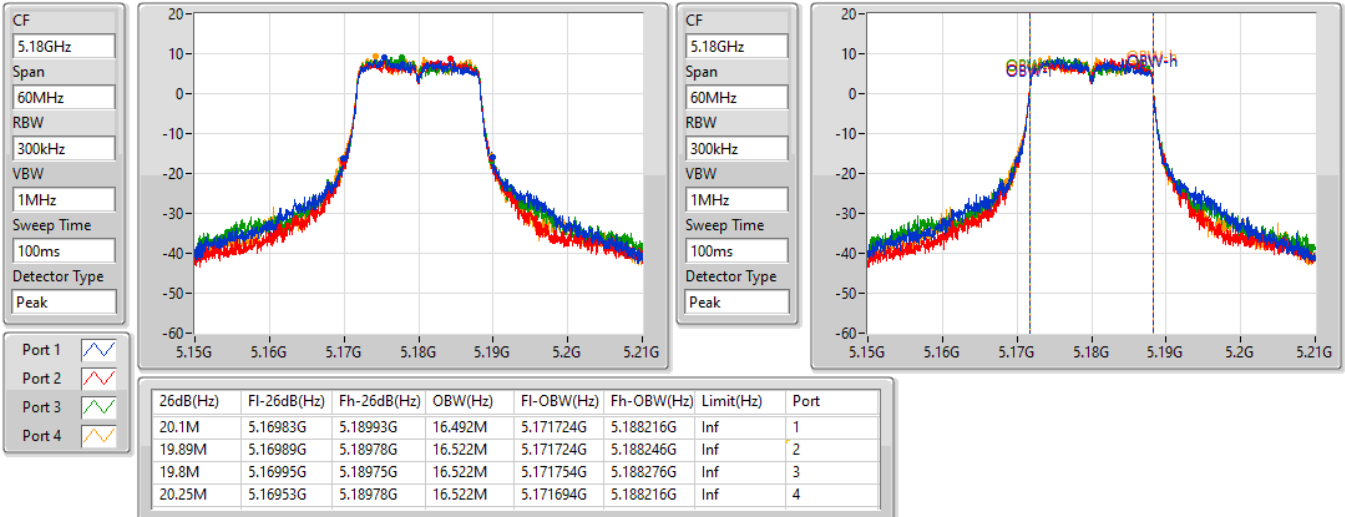
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	20.1M	16.492M	19.89M	16.522M	19.8M	16.522M	20.25M	16.522M
5200MHz	Pass	Inf	36.9M	22.129M	34.38M	17.211M	36M	20.3M	33.81M	17.241M
5240MHz	Pass	Inf	35.52M	17.721M	33.09M	17.151M	34.26M	17.751M	29.04M	16.912M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.6M	18.951M	22.14M	19.01M	22.05M	19.01M	21.42M	18.861M
5200MHz	Pass	Inf	48.72M	26.867M	38.49M	19.49M	43.83M	23.478M	41.25M	19.82M
5240MHz	Pass	Inf	37.14M	19.37M	31.23M	19.22M	34.38M	19.4M	34.89M	19.22M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	41.28M	38.021M	41.16M	38.141M	40.92M	37.841M	40.56M	37.781M
5230MHz	Pass	Inf	60.78M	38.741M	45.66M	38.381M	59.76M	38.441M	46.86M	38.081M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	82.32M	77.481M	82.8M	77.481M	82.44M	77.481M	82.32M	77.601M

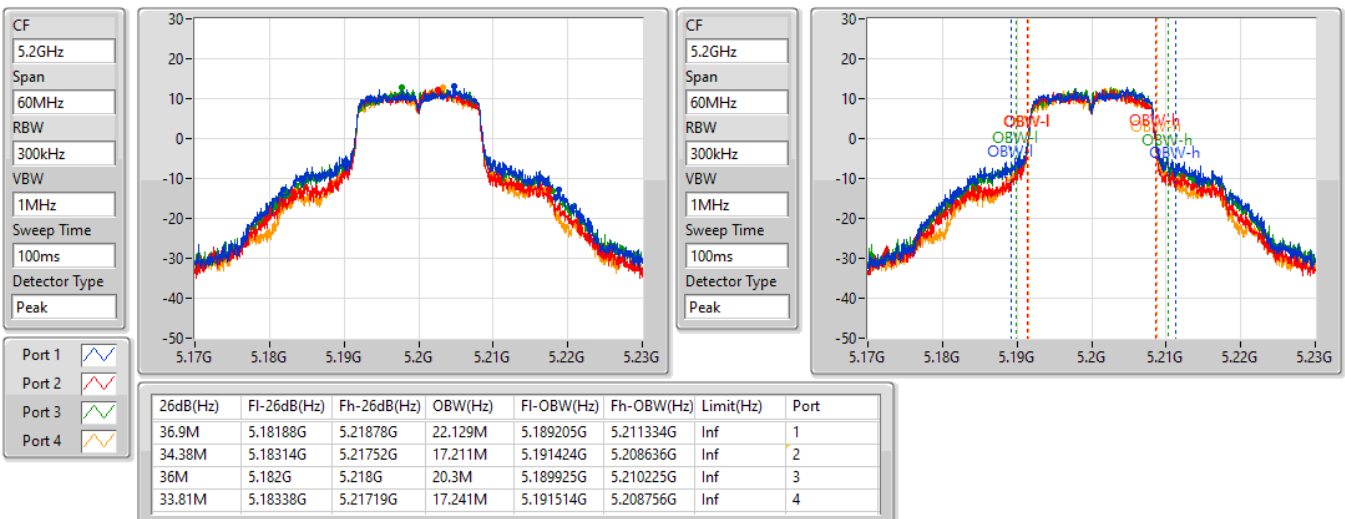
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_4TX
EBW
5180MHz

08/01/2022

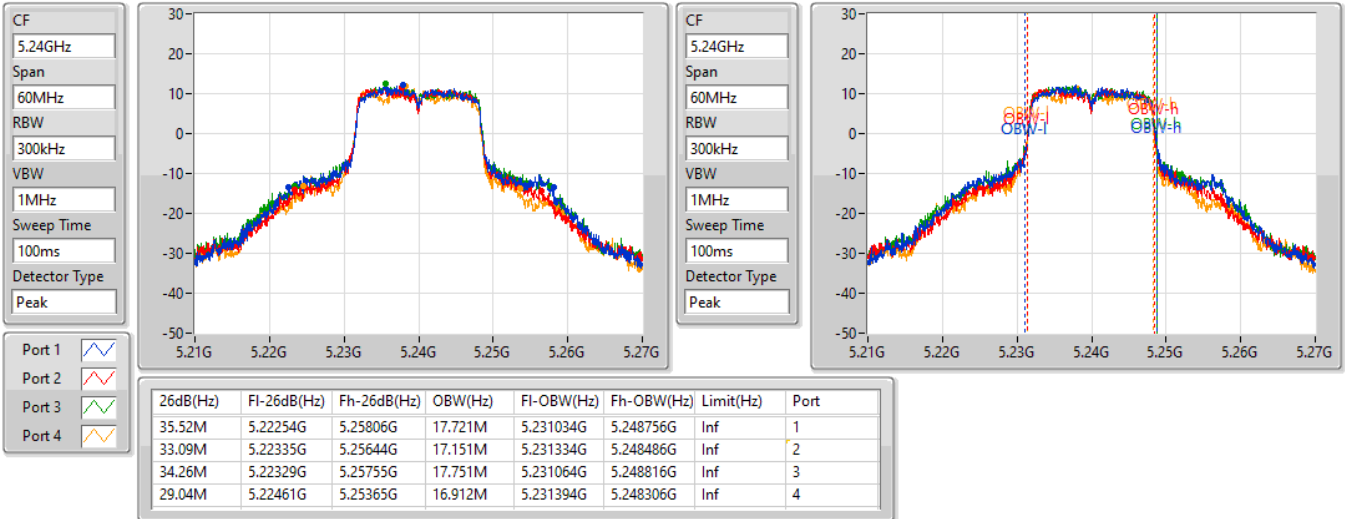

802.11a_Nss1,(6Mbps)_4TX
EBW
5200MHz

08/01/2022

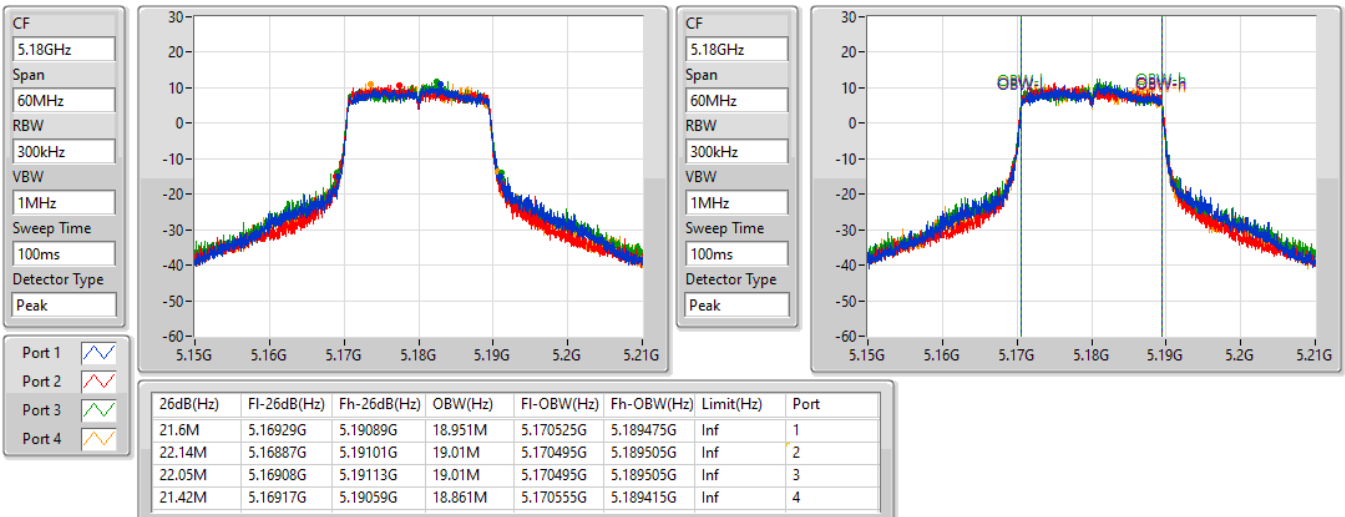


802.11a_Nss1,(6Mbps)_4TX
EBW
5240MHz

08/01/2022

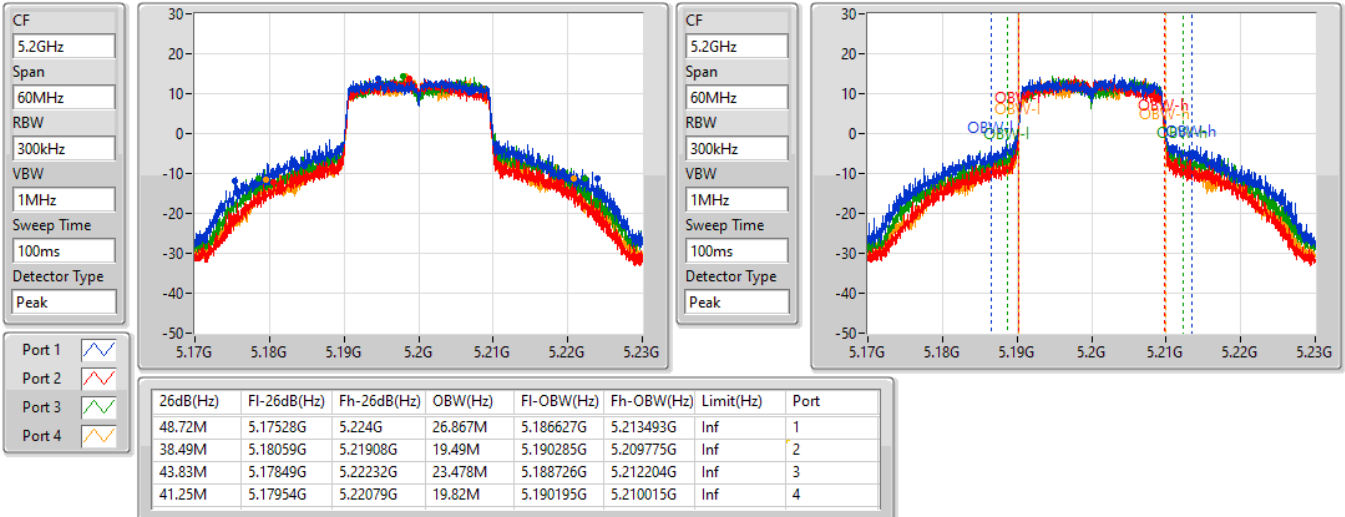

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5180MHz

08/01/2022

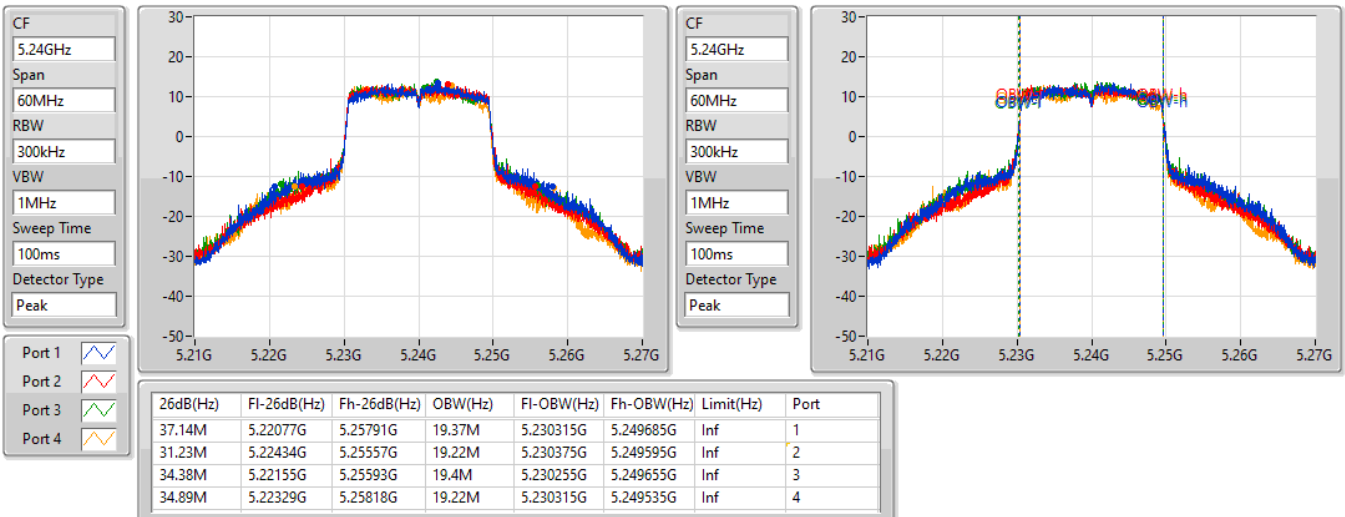


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5200MHz

08/01/2022

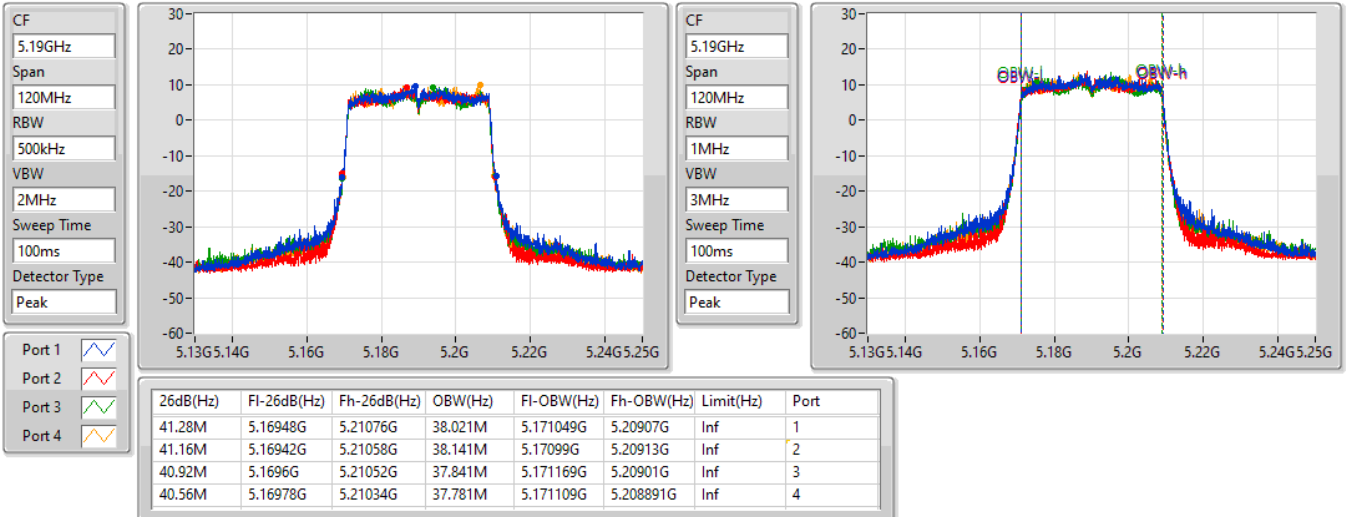

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5240MHz

08/01/2022

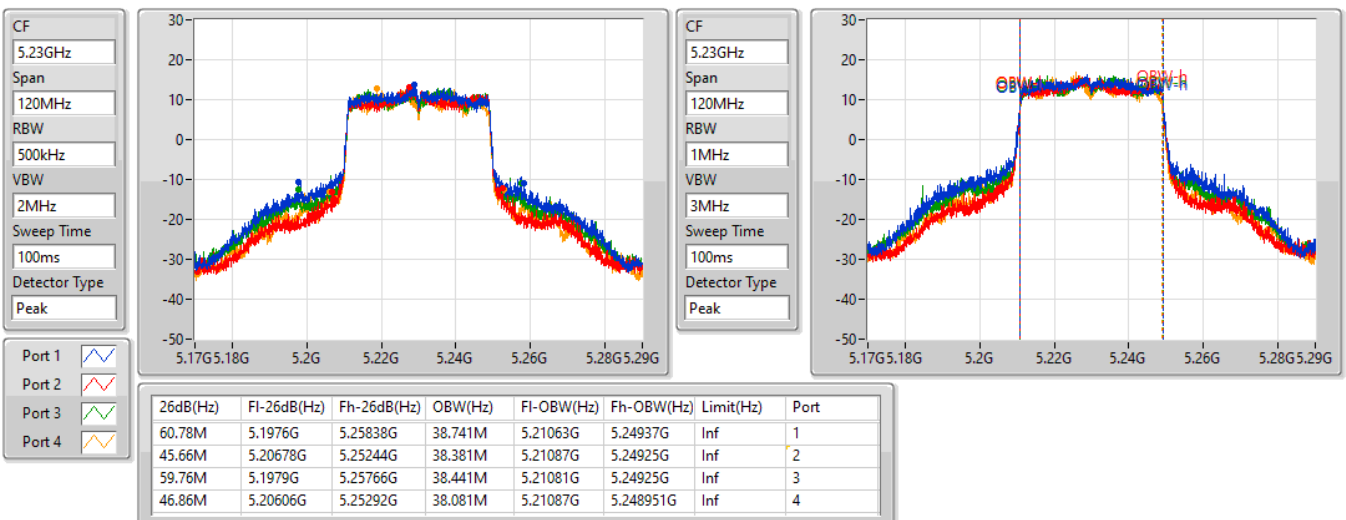


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5190MHz

08/01/2022


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5230MHz

08/01/2022

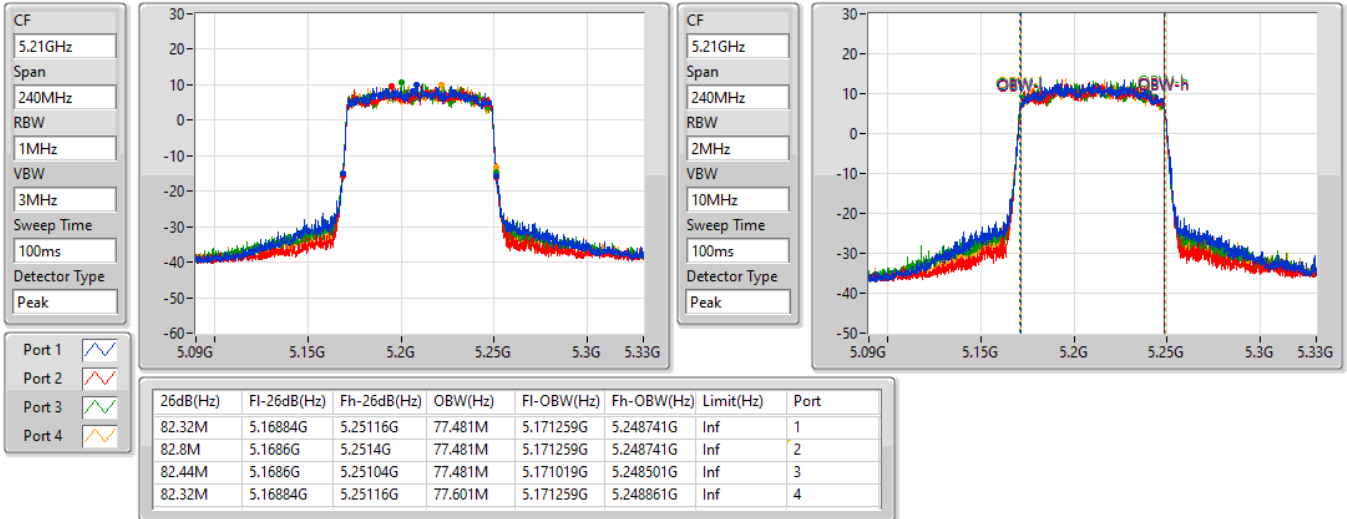


802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5210MHz

08/01/2022



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.29M	37.241M	37M2D1D	15.06M	32.324M
802.11ax HEW20_Nss1,(MCS0)_4TX	19.08M	38.951M	39M0D1D	16.35M	34.843M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.8M	68.066M	68M1D1D	35.64M	37.901M
802.11ax HEW80_Nss1,(MCS0)_4TX	75.84M	77.361M	77M4D1D	67.68M	76.762M

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

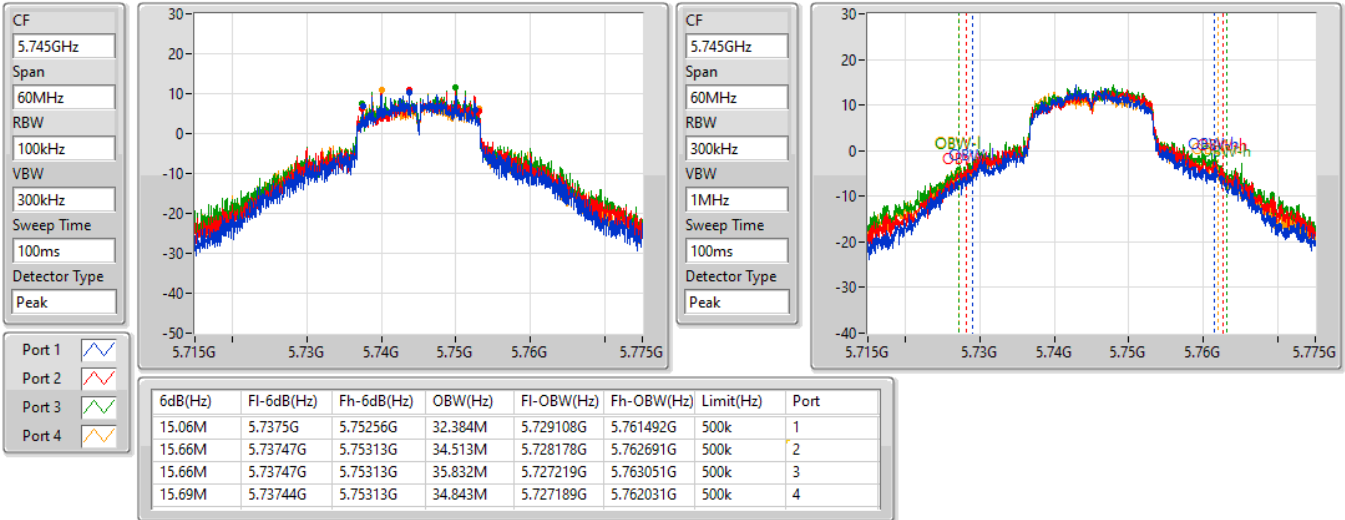
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	500k	15.06M	32.384M	15.66M	34.513M	15.66M	35.832M	15.69M	34.843M
5785MHz	Pass	500k	15.54M	32.654M	16.26M	35.352M	16.02M	36.702M	16.29M	35.472M
5825MHz	Pass	500k	15.66M	32.324M	15.72M	33.943M	15.66M	37.241M	16.02M	35.022M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	500k	18.9M	35.862M	19.08M	38.531M	18.93M	38.051M	19.02M	36.582M
5785MHz	Pass	500k	18.81M	35.142M	16.35M	35.742M	18.87M	38.951M	18.6M	36.312M
5825MHz	Pass	500k	18.66M	34.843M	18.75M	36.792M	16.92M	37.121M	18.78M	36.582M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5755MHz	Pass	500k	35.76M	38.681M	37.2M	37.901M	37.02M	38.441M	37.8M	38.861M
5795MHz	Pass	500k	35.64M	55.532M	36.12M	39.04M	37.44M	53.673M	37.8M	68.066M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	500k	74.04M	77.241M	67.68M	76.762M	74.16M	77.001M	75.84M	77.361M

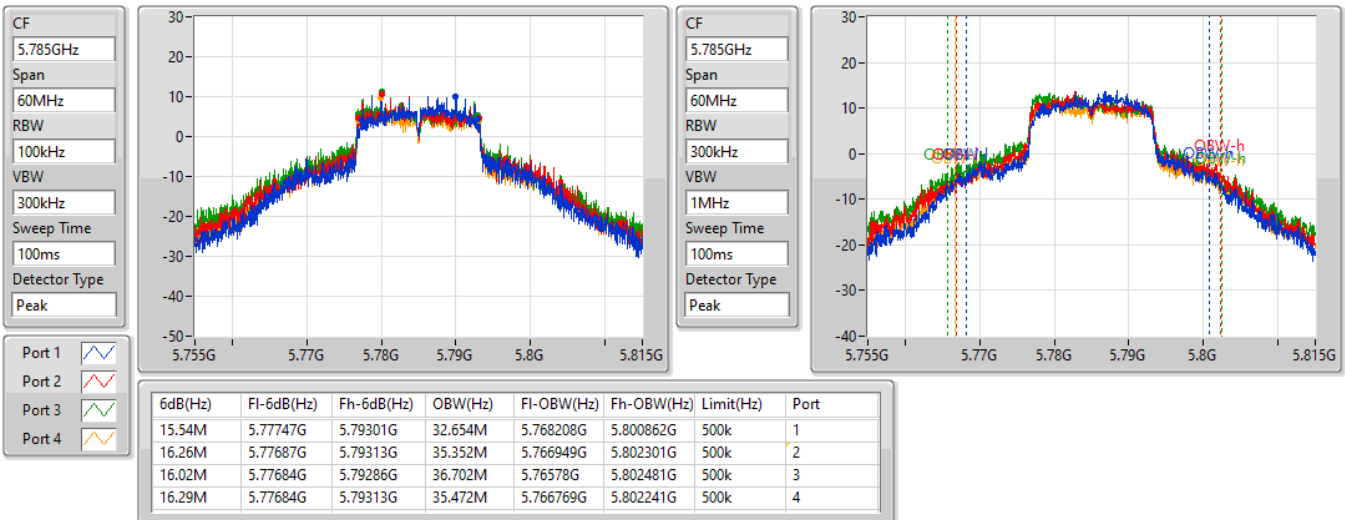
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_4TX
EBW
5745MHz

08/01/2022

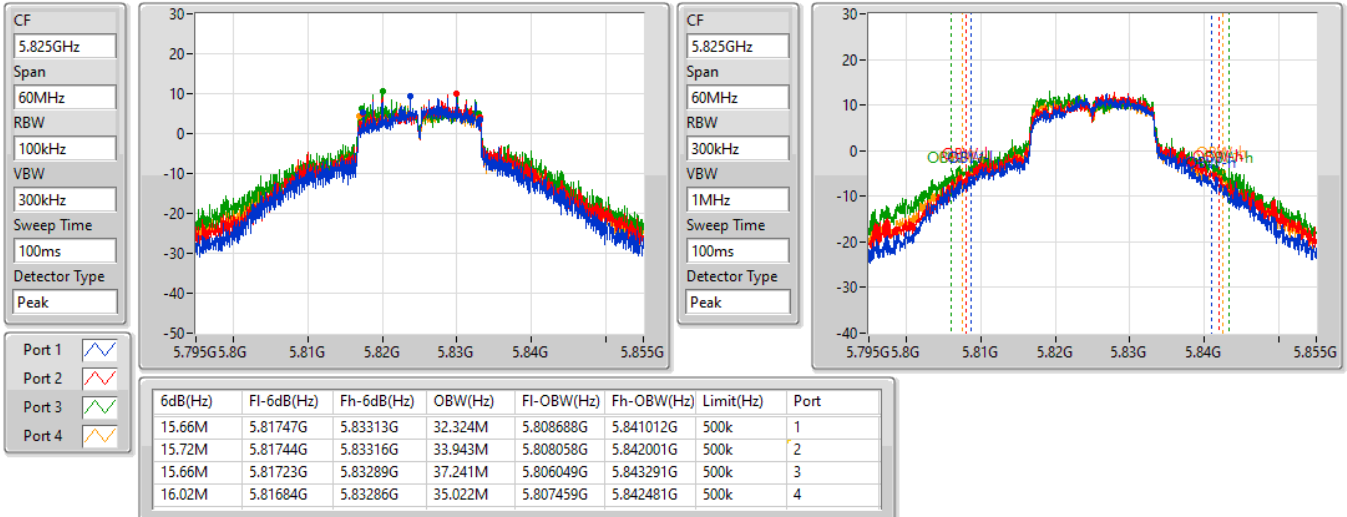

802.11a_Nss1,(6Mbps)_4TX
EBW
5785MHz

08/01/2022

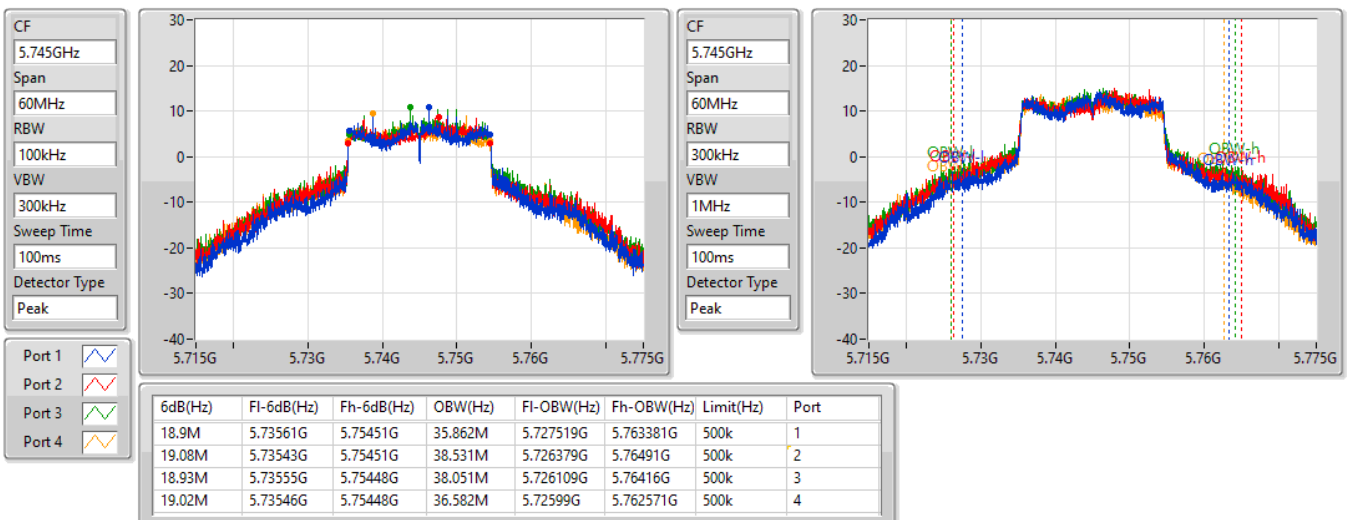


802.11a_Nss1,(6Mbps)_4TX
EBW
5825MHz

08/01/2022

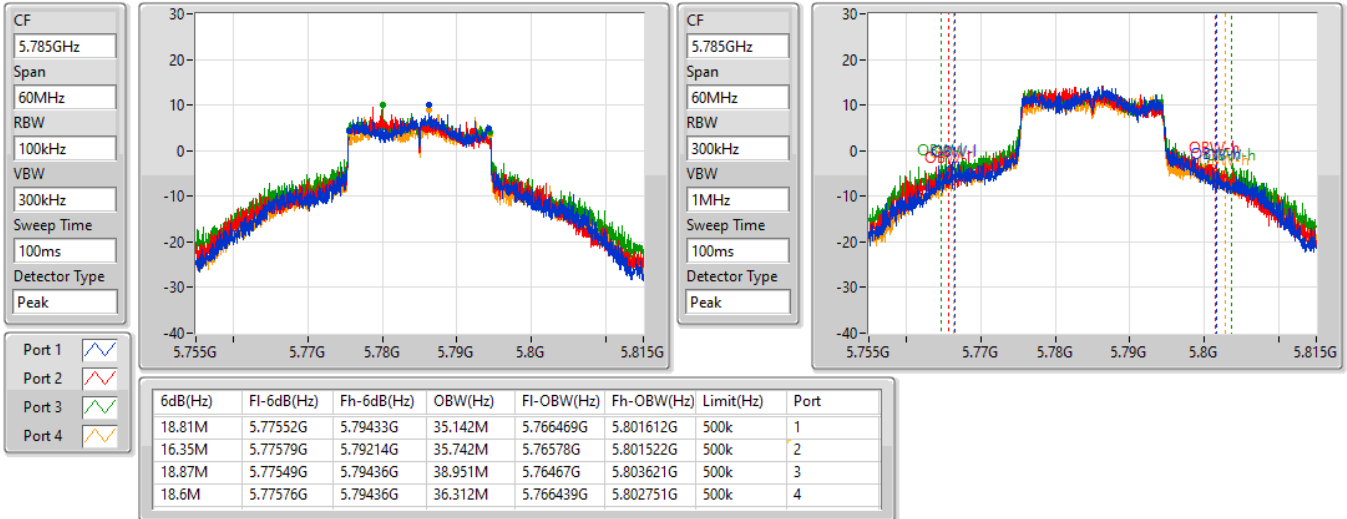

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5745MHz

08/01/2022

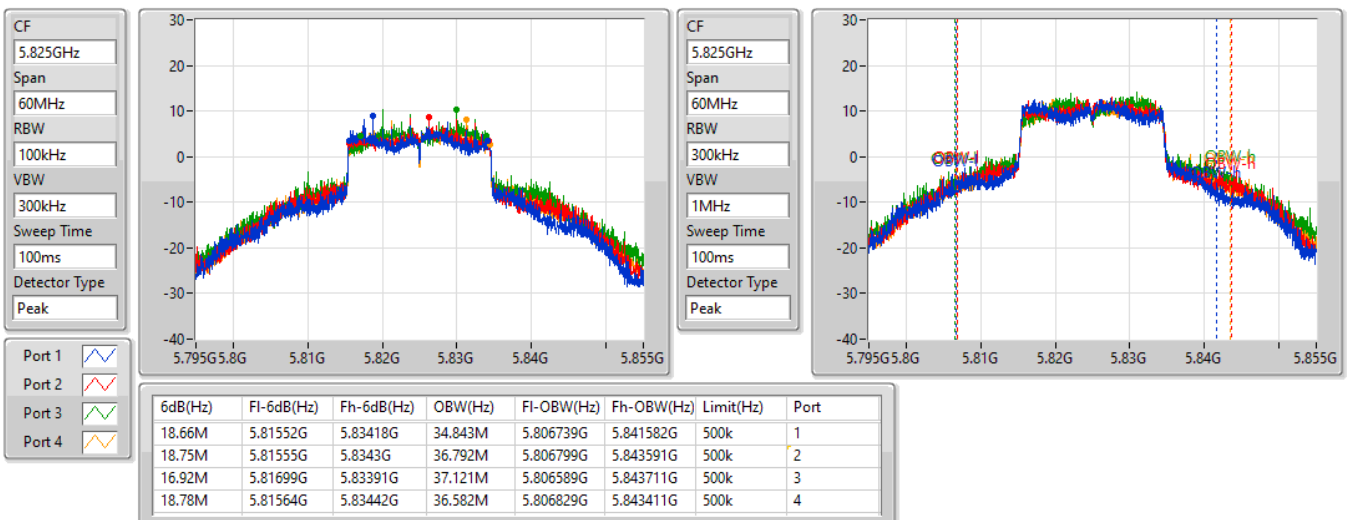


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5785MHz

08/01/2022

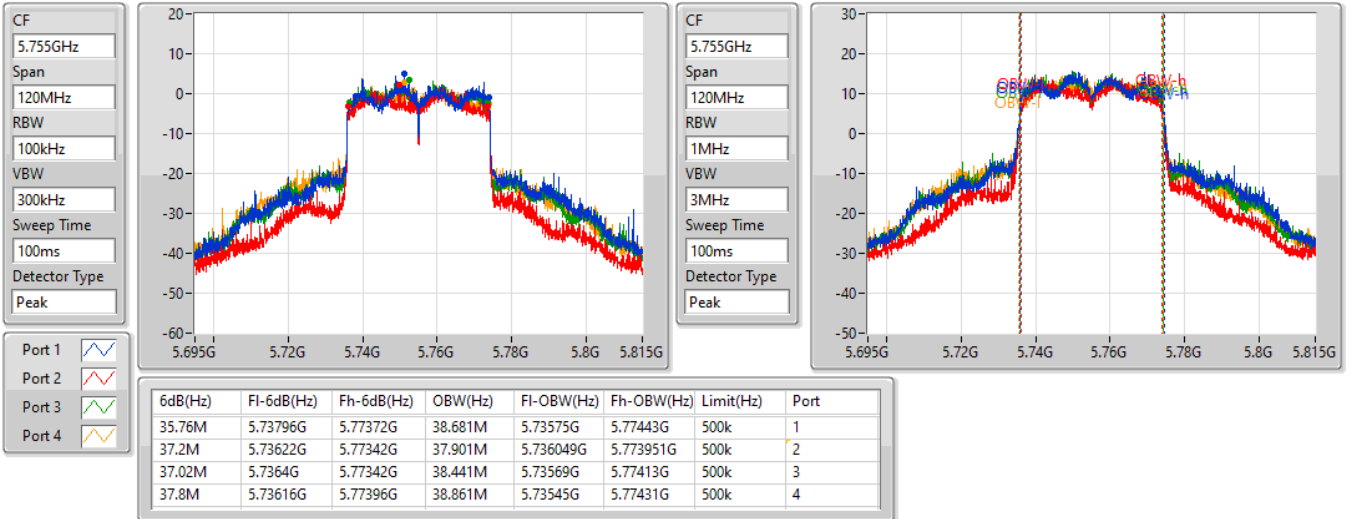

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5825MHz

08/01/2022

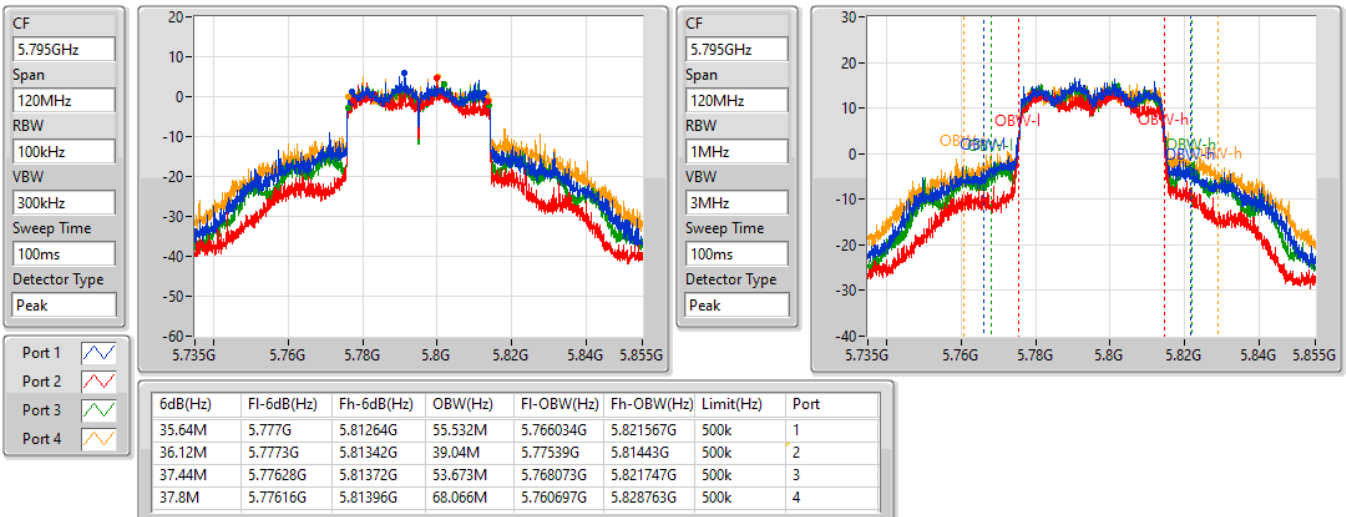


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5755MHz

08/01/2022


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5795MHz

08/01/2022

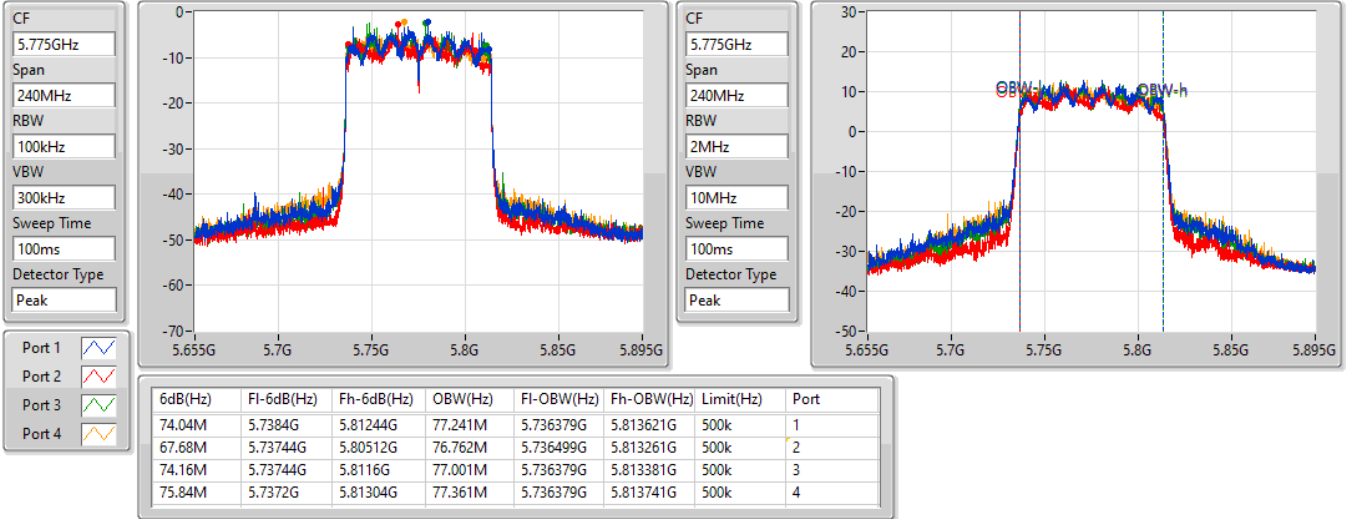


802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5775MHz

08/01/2022





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	41.31M	24.888M	24M9D1D	20.73M	16.642M
802.11ax HEW20_Nss1,(MCS0)_4TX	46.11M	19.79M	19M8D1D	21.99M	19.07M
802.11ax HEW40_Nss1,(MCS0)_4TX	75.24M	38.621M	38M6D1D	40.26M	37.661M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.32M	77.241M	77M2D1D	81.96M	77.121M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.35M	25.877M	25M9D1D	16.32M	19.52M
802.11ax HEW20_Nss1,(MCS0)_4TX	19.08M	28.606M	28M6D1D	18.96M	20.9M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.86M	49.835M	49M8D1D	37.2M	39.34M
802.11ax HEW80_Nss1,(MCS0)_4TX	77.76M	78.681M	78M7D1D	76.08M	78.201M

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)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	20.79M	16.702M	20.73M	16.642M	20.79M	16.702M	20.97M	16.702M
5200MHz	Pass	Inf	40.47M	24.888M	37.35M	20.3M	37.53M	19.94M	41.31M	23.628M
5240MHz	Pass	Inf	34.53M	17.931M	34.86M	17.931M	36.9M	18.921M	37.02M	18.831M
5745MHz	Pass	500k	16.32M	21.409M	16.32M	20.15M	16.32M	22.699M	16.32M	23.658M
5785MHz	Pass	500k	16.32M	25.697M	16.32M	24.978M	16.32M	23.238M	16.35M	24.948M
5825MHz	Pass	500k	16.32M	25.877M	16.32M	19.52M	16.32M	22.669M	16.32M	22.459M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	22.11M	19.13M	22.65M	19.1M	21.99M	19.1M	22.26M	19.07M
5200MHz	Pass	Inf	46.11M	19.79M	42.63M	19.64M	41.4M	19.61M	43.44M	19.7M
5240MHz	Pass	Inf	44.67M	19.79M	42.63M	19.79M	43.86M	19.64M	43.5M	19.55M
5745MHz	Pass	500k	18.96M	23.538M	19.02M	22.429M	19.05M	25.757M	19.02M	26.687M
5785MHz	Pass	500k	18.99M	27.016M	19.08M	26.627M	18.96M	25.067M	19.08M	27.076M
5825MHz	Pass	500k	19.02M	28.606M	19.02M	20.9M	19.05M	25.427M	19.05M	25.787M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.38M	37.781M	40.5M	37.661M	40.62M	37.841M	40.26M	37.841M
5230MHz	Pass	Inf	66.72M	38.321M	66.3M	38.441M	75.24M	38.621M	65.94M	38.441M
5755MHz	Pass	500k	37.2M	41.439M	37.8M	39.7M	37.26M	44.378M	37.5M	47.676M
5795MHz	Pass	500k	37.26M	49.835M	37.5M	39.34M	37.68M	44.738M	37.86M	47.196M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	82.2M	77.121M	82.32M	77.121M	82.08M	77.241M	81.96M	77.241M
5775MHz	Pass	500k	76.08M	78.321M	77.28M	78.201M	77.76M	78.681M	77.76M	78.441M

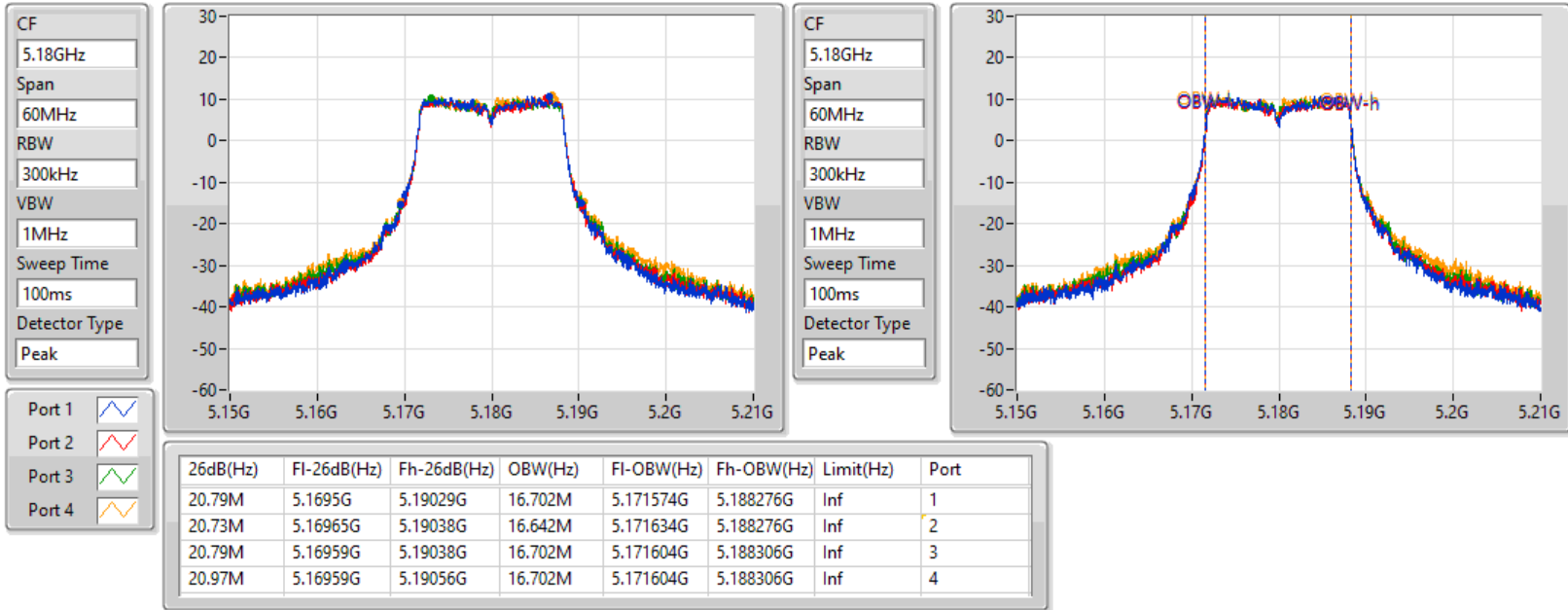
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_4TX

EBW

5180MHz

11/01/2022

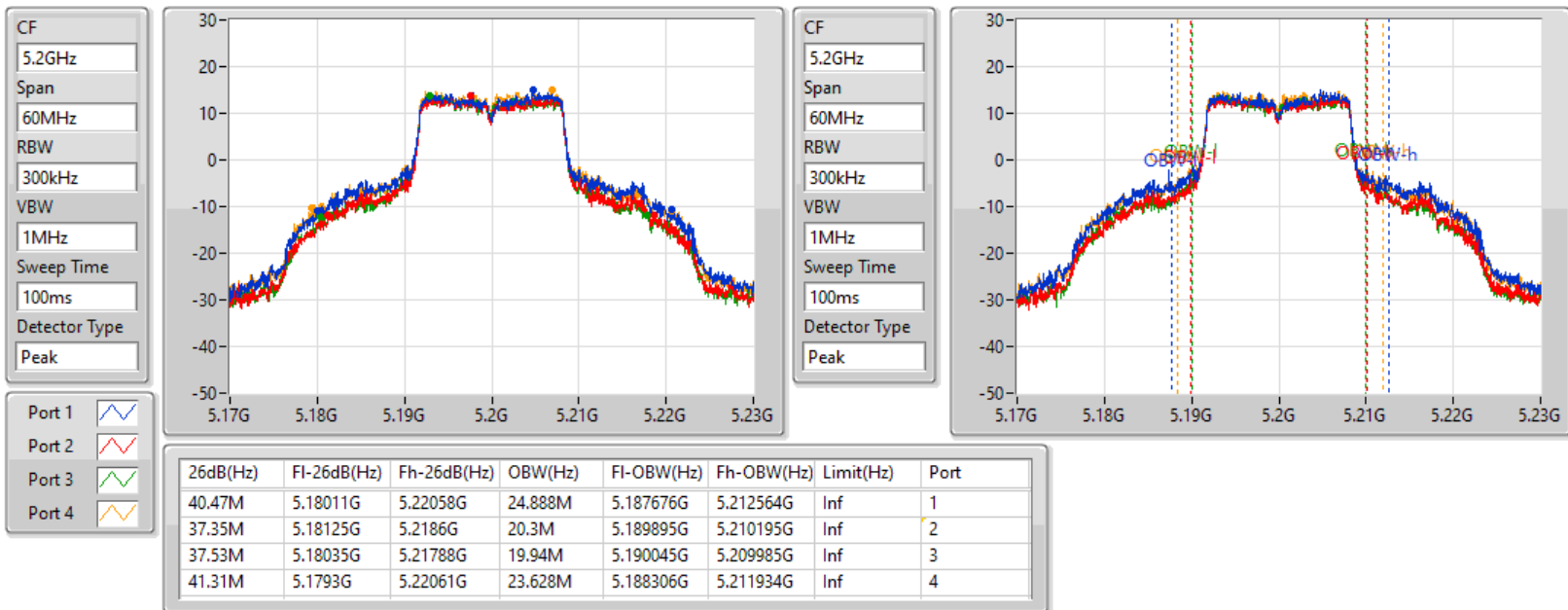


802.11a_Nss1,(6Mbps)_4TX

EBW

5200MHz

11/01/2022

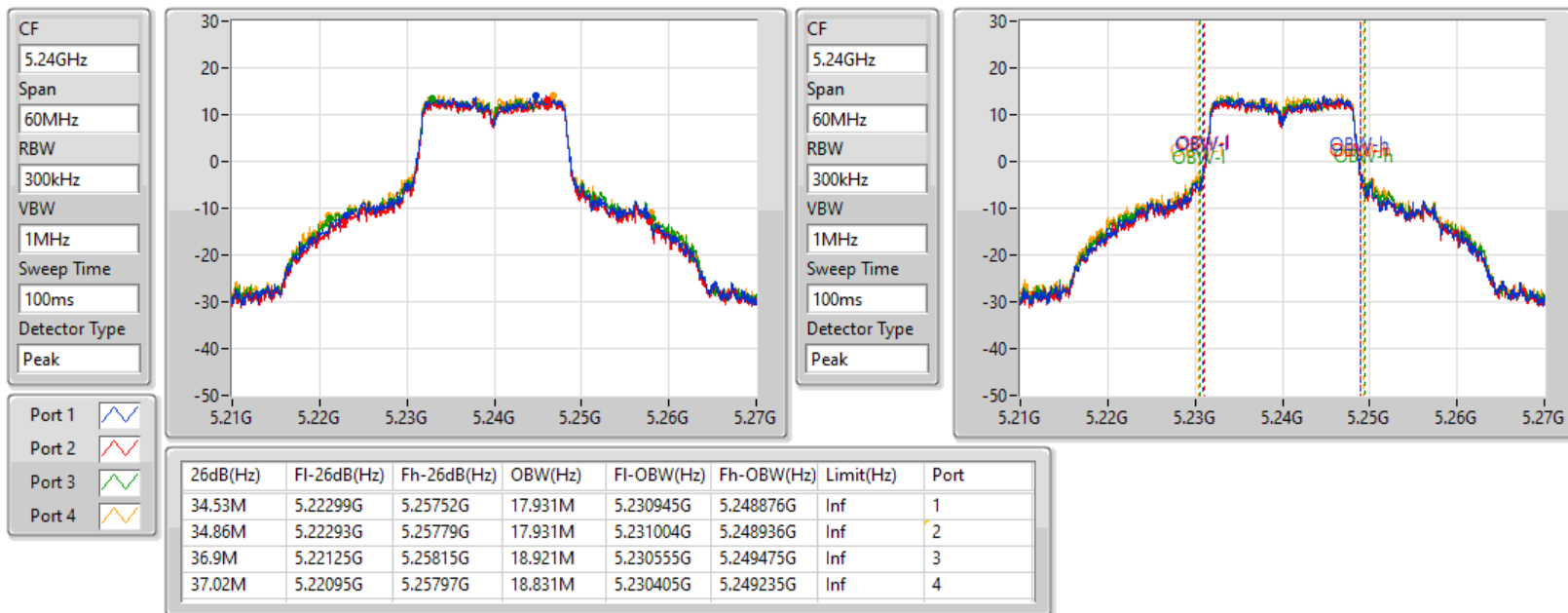


802.11a_Nss1,(6Mbps)_4TX

EBW

5240MHz

11/01/2022

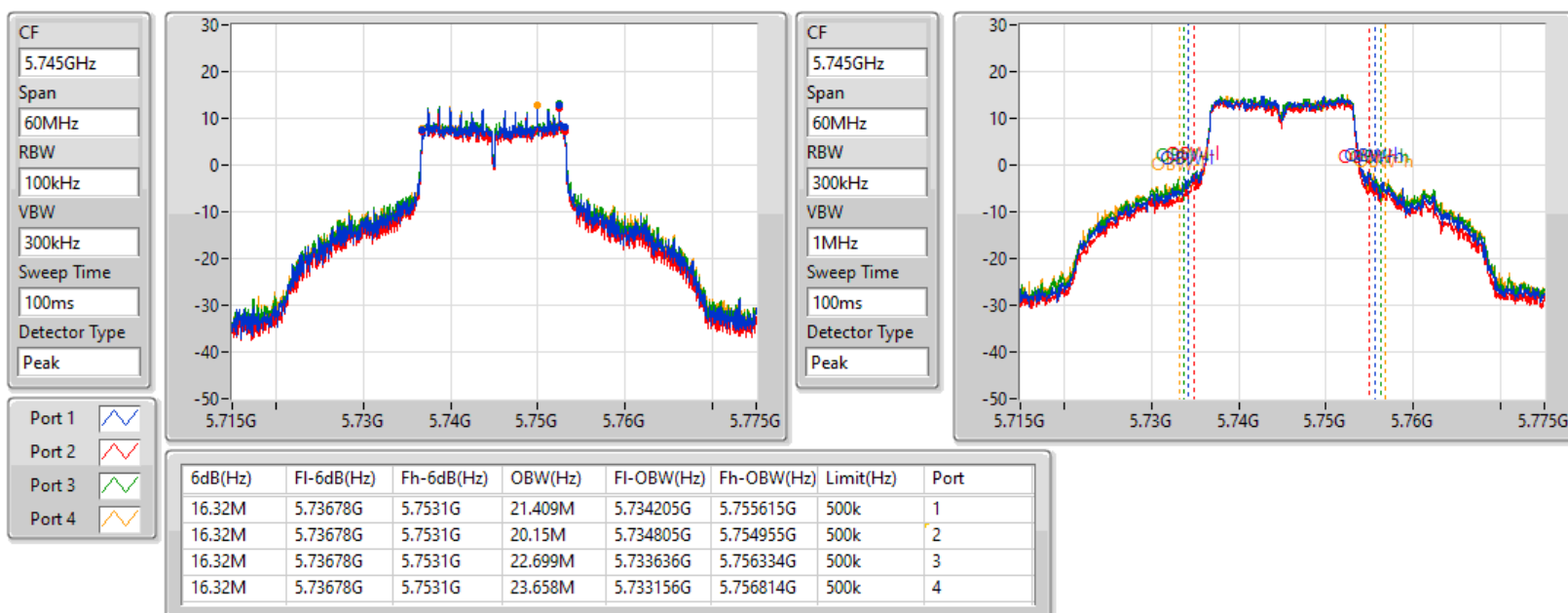


802.11a_Nss1,(6Mbps)_4TX

EBW

5745MHz

11/01/2022

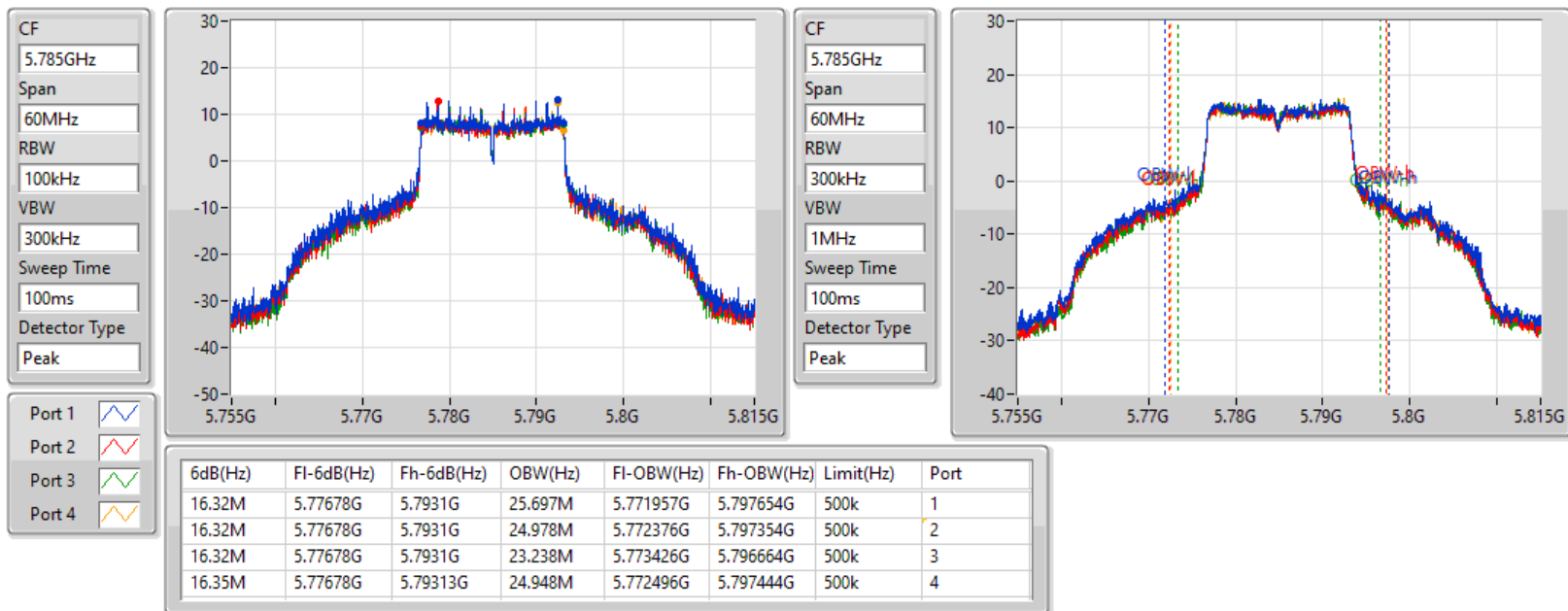


802.11a_Nss1,(6Mbps)_4TX

EBW

5785MHz

11/01/2022

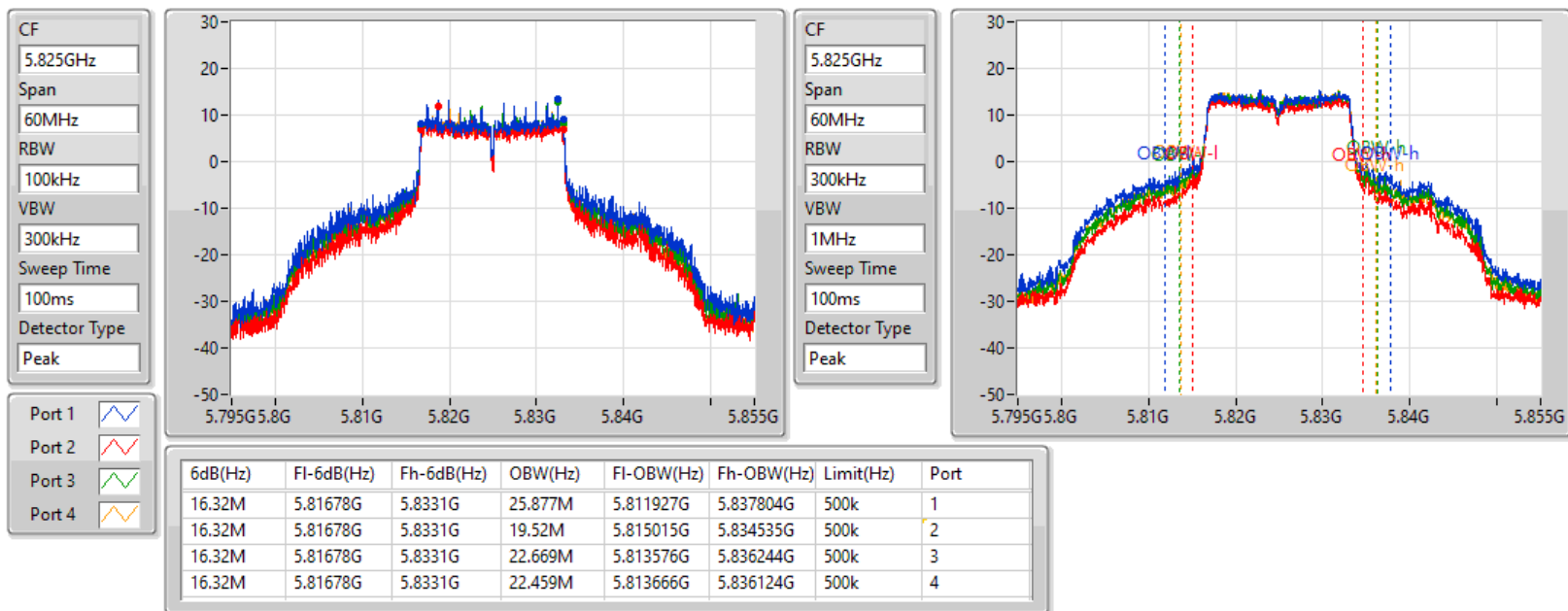


802.11a_Nss1,(6Mbps)_4TX

EBW

5825MHz

11/01/2022

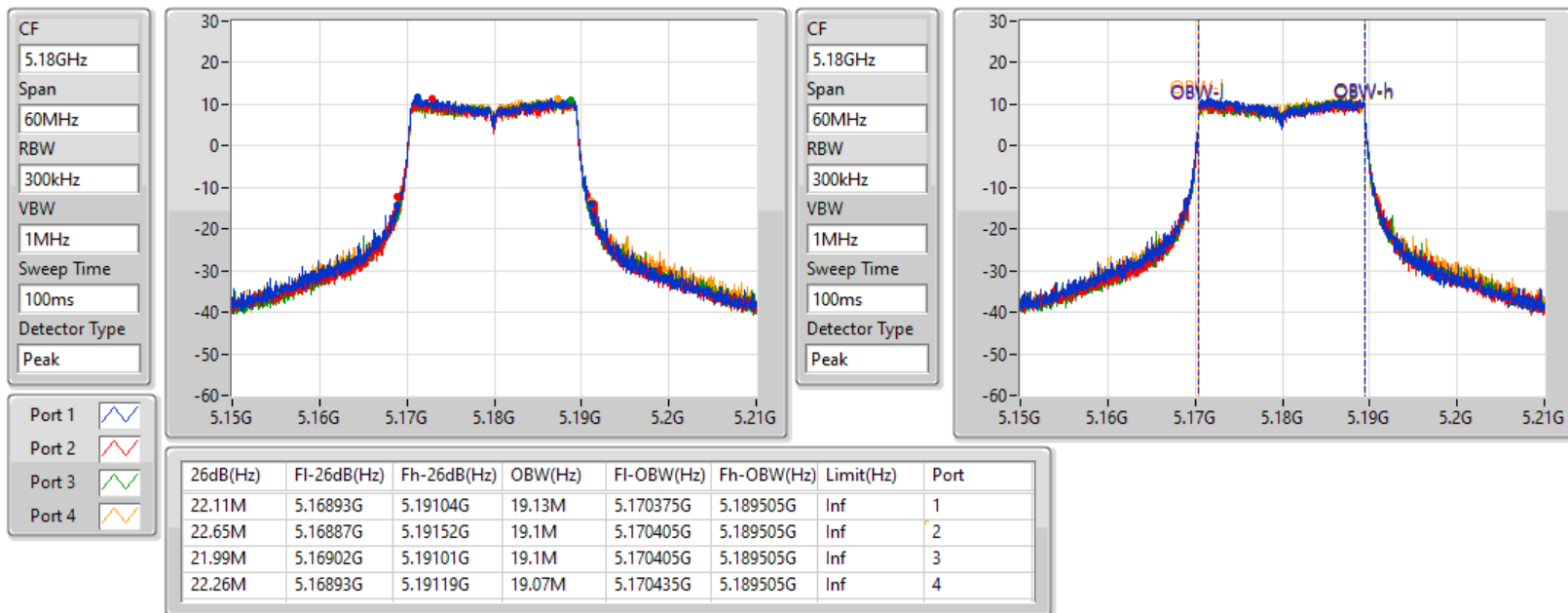


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5180MHz

11/01/2022



802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5200MHz

11/01/2022

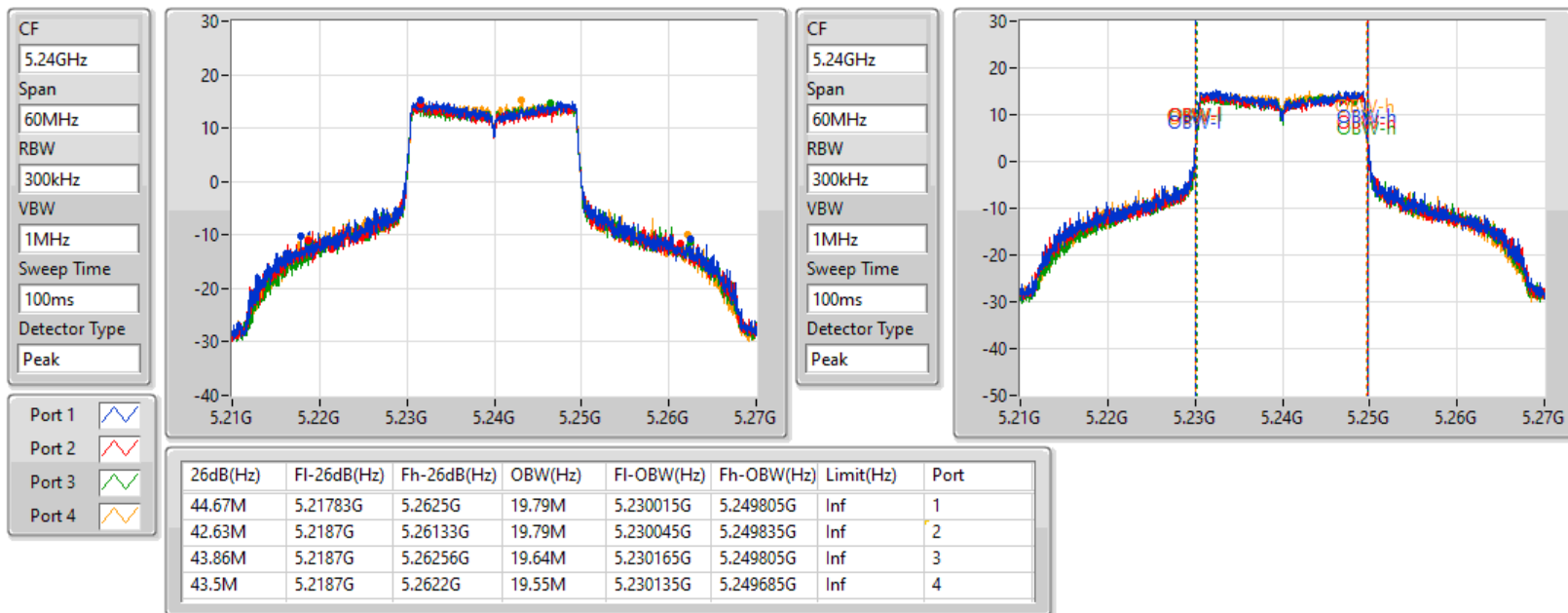


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5240MHz

11/01/2022

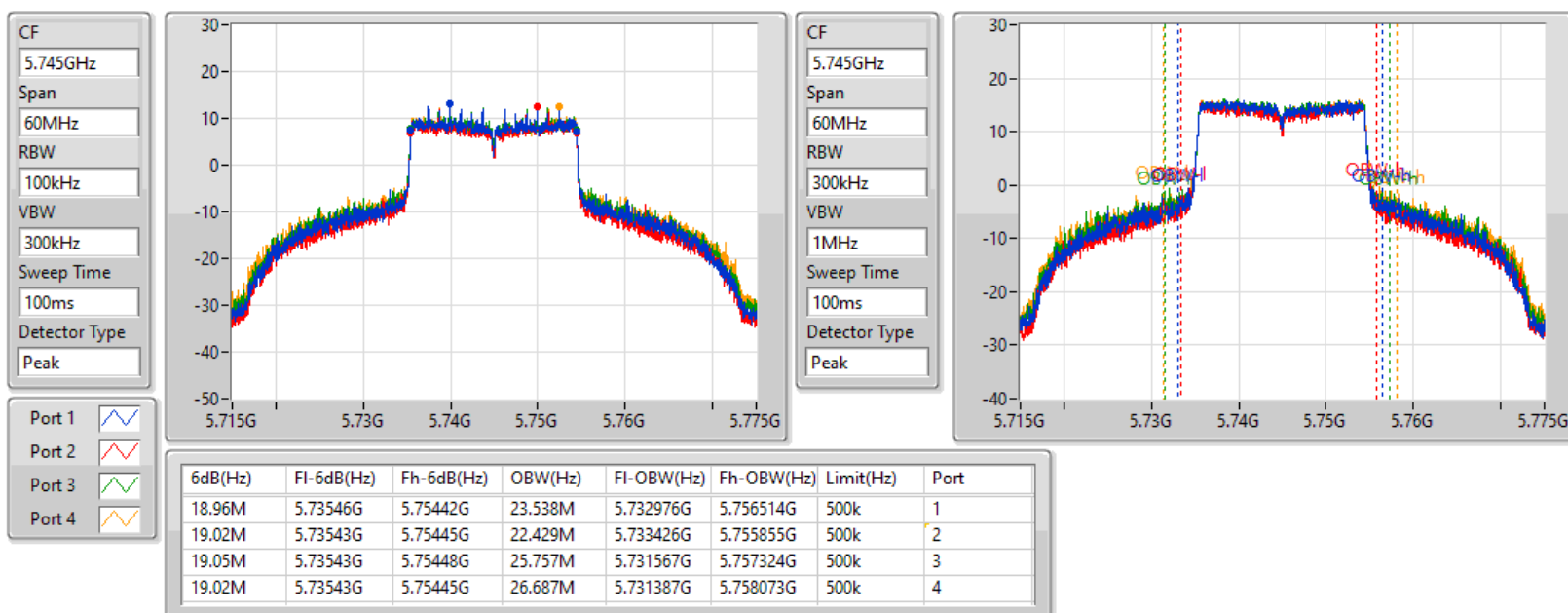


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5745MHz

11/01/2022

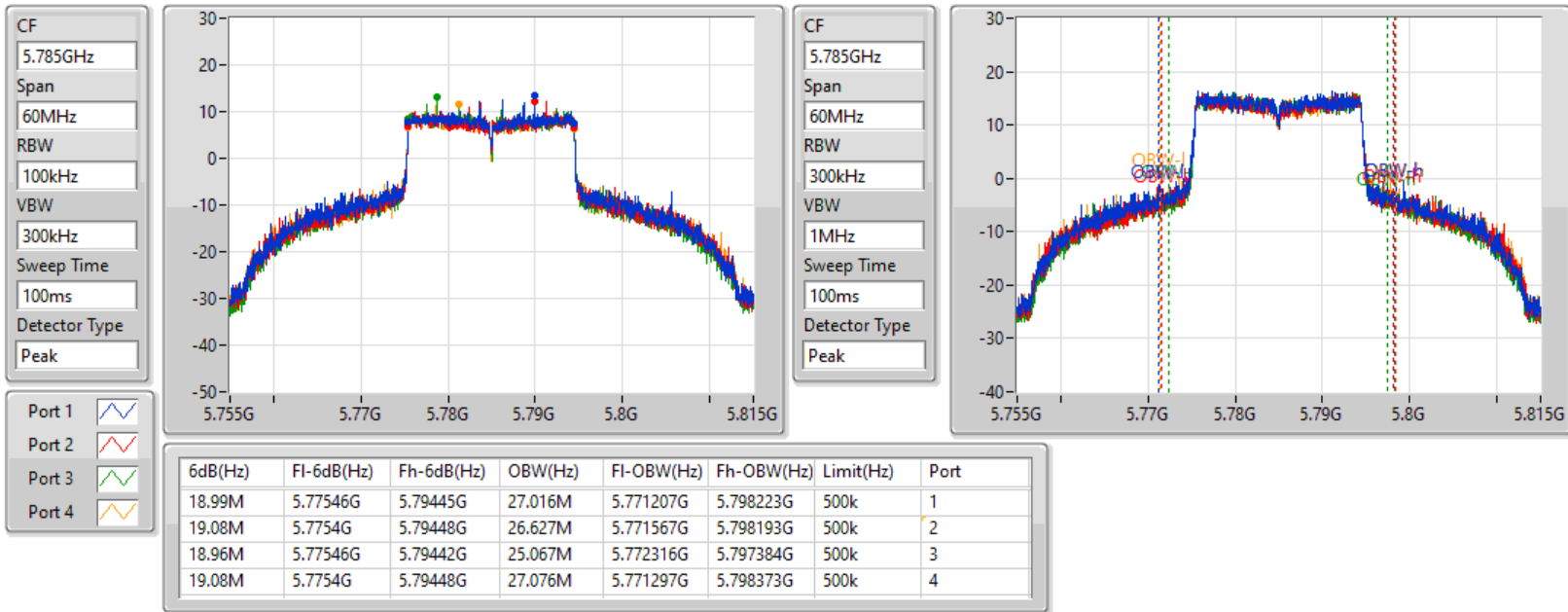


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5785MHz

11/01/2022

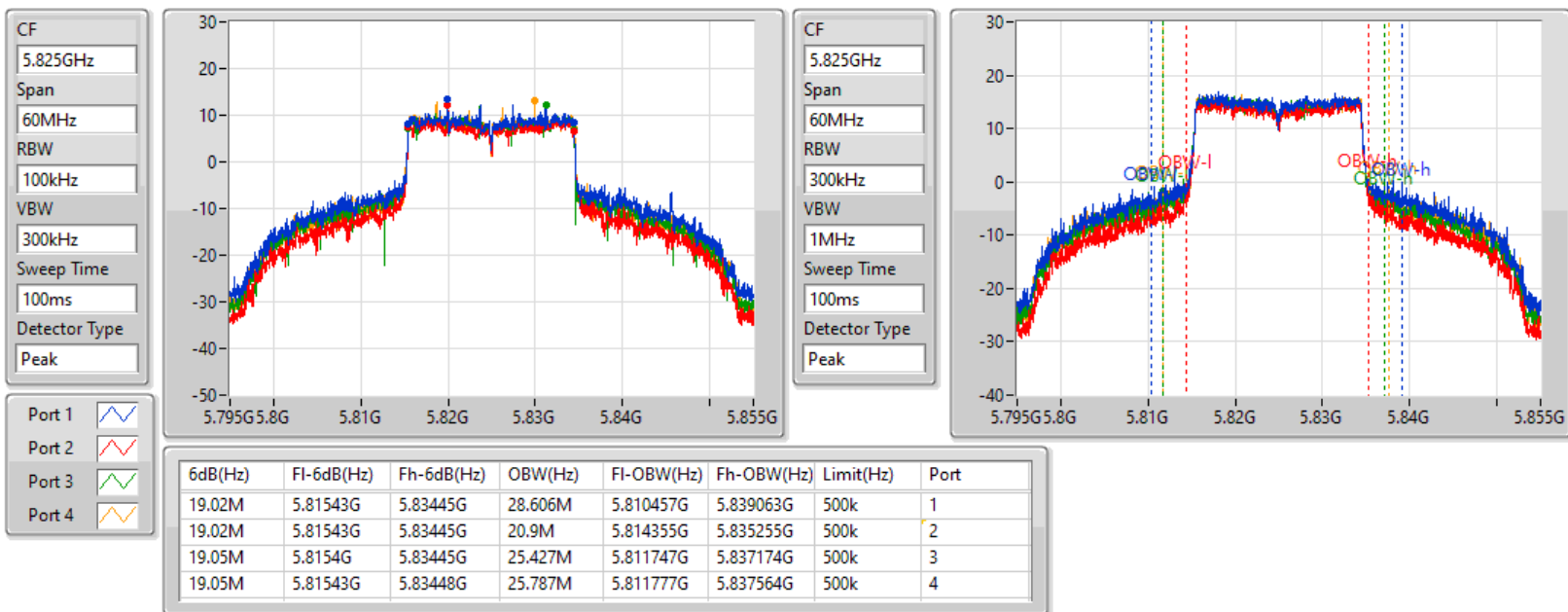


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5825MHz

11/01/2022

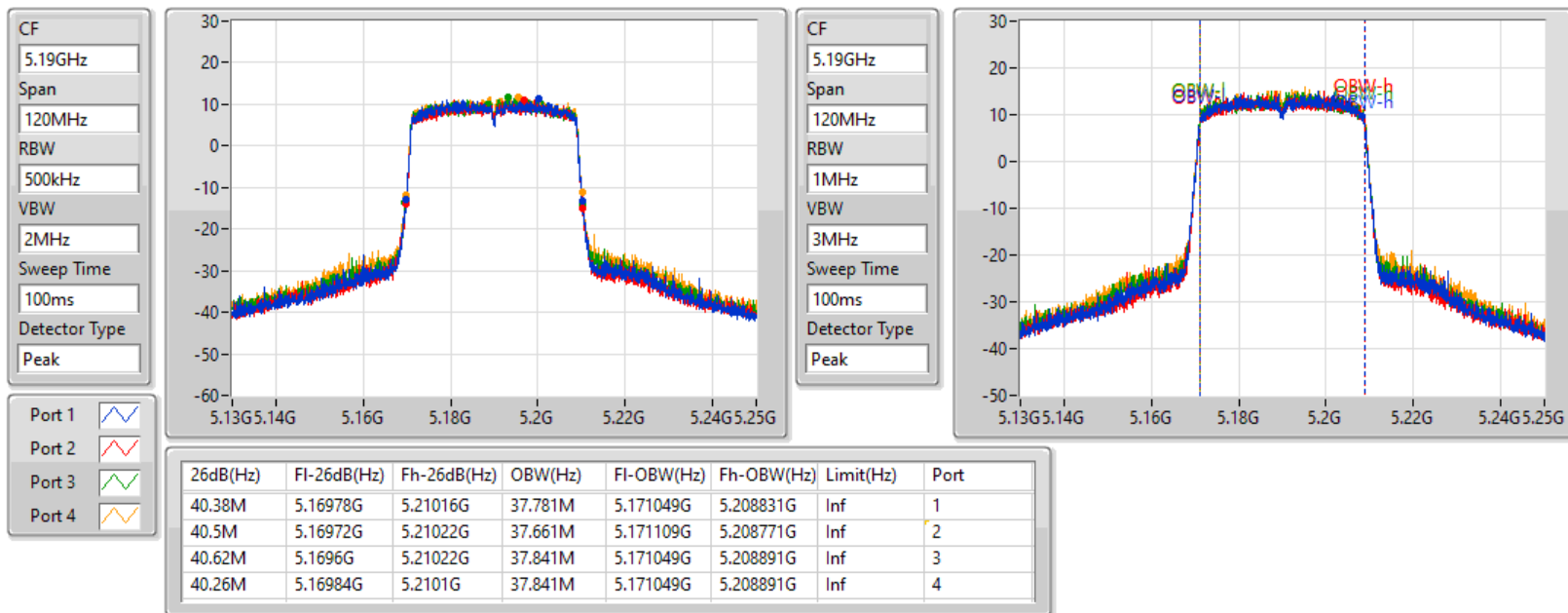


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5190MHz

11/01/2022

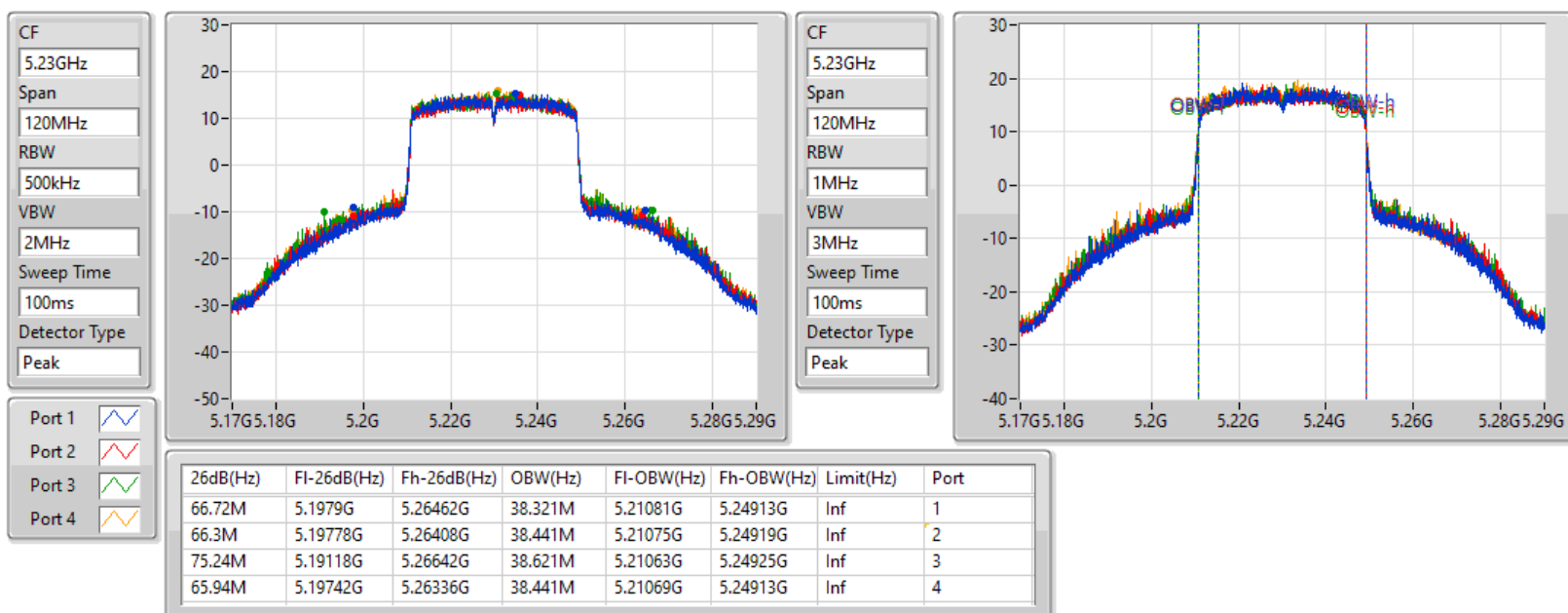


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5230MHz

11/01/2022

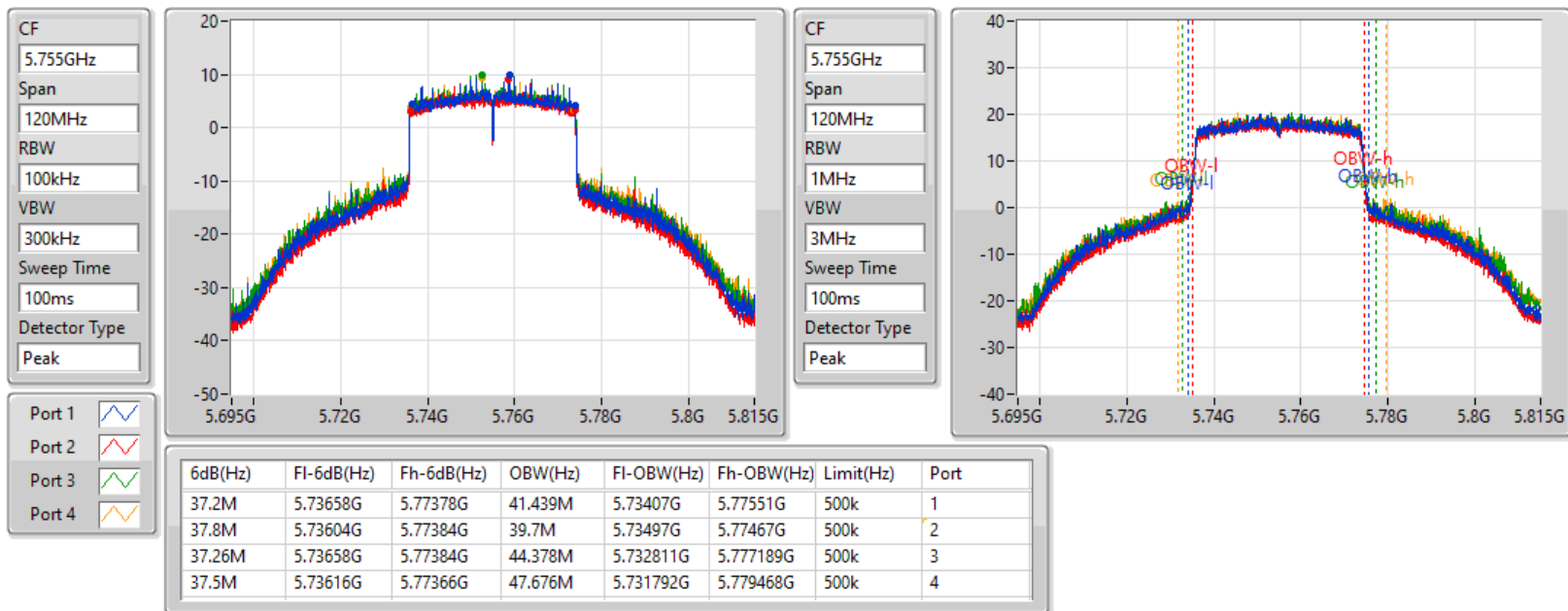


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5755MHz

11/01/2022

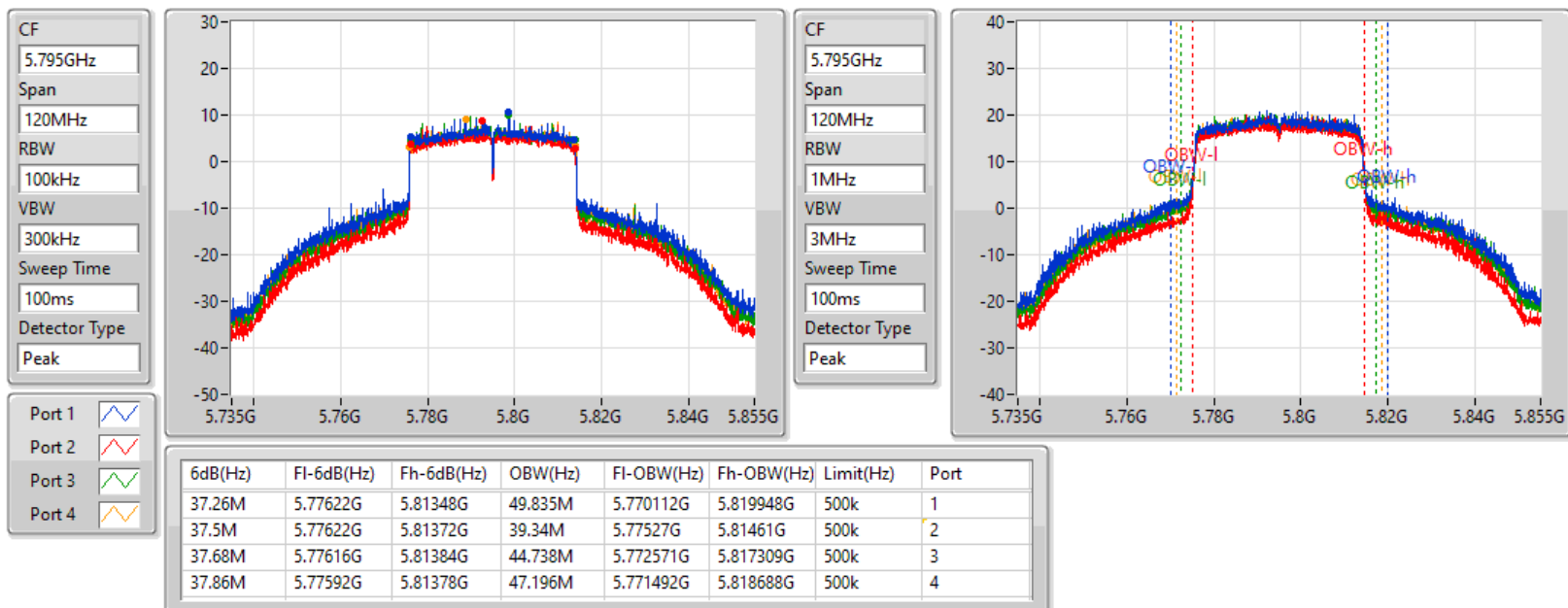


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5795MHz

11/01/2022

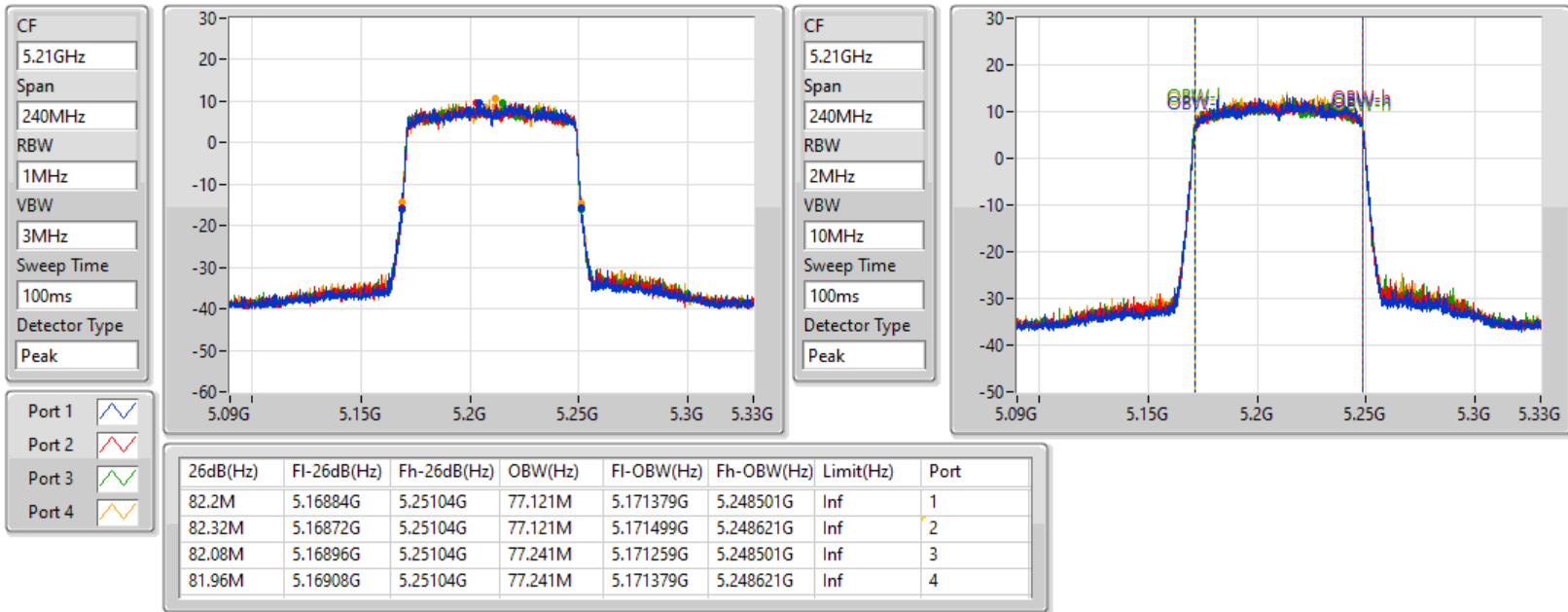


802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5210MHz

11/01/2022

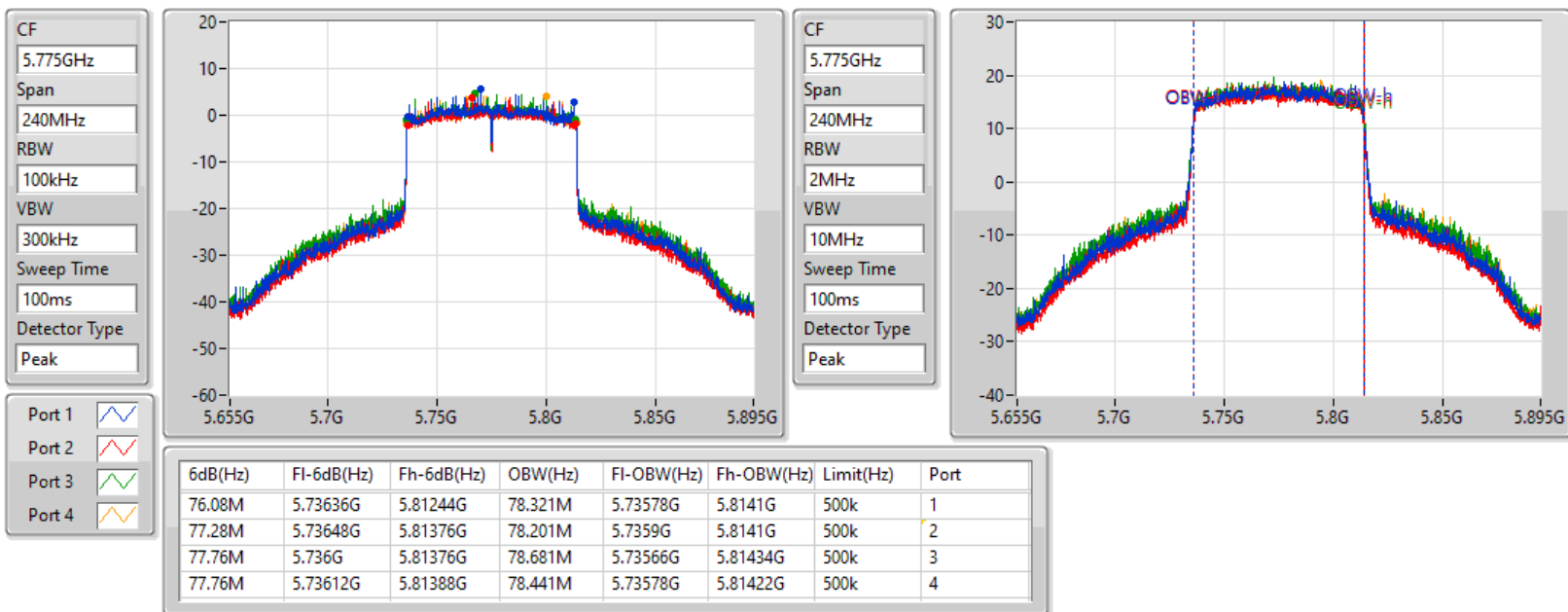


802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5775MHz

11/01/2022





Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_8TX	27.22	0.52723
802.11ax HEW20_Nss1,(MCS0)_8TX	27.68	0.58614
802.11ax HEW40_Nss1,(MCS0)_8TX	27.73	0.59293
802.11ax HEW80_Nss1,(MCS0)_8TX	23.54	0.22594
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_8TX	29.30	0.85114
802.11ax HEW20_Nss1,(MCS0)_8TX	29.24	0.83946
802.11ax HEW40_Nss1,(MCS0)_8TX	28.56	0.71779
802.11ax HEW80_Nss1,(MCS0)_8TX	24.46	0.27925



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Port 5 (dBm)	Port 6 (dBm)	Port 7 (dBm)	Port 8 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8.17	17.59	17.42	17.53	17.21	17.22	17.10	17.63	16.84	26.36	27.83
5200MHz	Pass	8.17	18.66	18.09	17.83	17.74	17.63	18.79	18.30	18.32	27.22	27.83
5240MHz	Pass	8.17	18.90	17.82	17.78	17.24	17.55	18.88	18.02	18.42	27.14	27.83
5745MHz	Pass	6.60	20.78	19.71	19.23	20.51	20.48	20.85	19.21	19.15	29.08	29.40
5785MHz	Pass	6.60	20.96	20.45	19.86	20.22	20.97	19.51	19.87	20.06	29.30	29.40
5825MHz	Pass	6.60	19.90	20.50	19.24	20.56	20.60	20.01	18.97	20.85	29.15	29.40
802.11ax HEW20_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8.17	17.32	16.95	17.58	17.14	16.89	16.85	17.30	16.63	26.12	27.83
5200MHz	Pass	8.17	18.86	18.52	19.03	18.52	18.61	18.24	19.16	18.12	27.68	27.83
5240MHz	Pass	8.17	19.12	18.21	18.21	17.46	17.88	18.80	18.07	18.92	27.40	27.83
5745MHz	Pass	6.60	20.66	19.70	20.35	20.42	20.79	19.83	19.37	19.01	29.09	29.40
5785MHz	Pass	6.60	20.55	19.29	20.84	19.90	20.57	19.64	20.56	19.38	29.16	29.40
5825MHz	Pass	6.60	20.07	19.33	20.52	20.25	20.29	20.81	19.42	20.73	29.24	29.40
802.11ax HEW40_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	5.17	15.79	15.41	15.92	15.82	15.59	15.25	15.72	15.05	24.61	30.00
5230MHz	Pass	5.17	18.77	18.37	19.20	18.79	18.72	18.60	18.73	18.39	27.73	30.00
5755MHz	Pass	3.60	18.84	18.01	18.85	18.66	19.21	19.11	18.36	17.41	27.62	30.00
5795MHz	Pass	3.60	19.93	18.27	19.67	20.02	19.90	18.34	19.87	19.81	28.56	30.00
802.11ax HEW80_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	5.17	14.64	14.41	14.82	14.61	14.45	14.39	14.58	14.18	23.54	30.00
5775MHz	Pass	3.60	15.74	14.71	15.53	15.53	15.97	15.85	15.48	14.37	24.46	30.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_8TX	27.40	0.54954
802.11ax HEW40-BF_Nss1,(MCS0)_8TX	27.24	0.52966
802.11ax HEW80-BF_Nss1,(MCS0)_8TX	23.54	0.22594
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_8TX	28.81	0.76033
802.11ax HEW40-BF_Nss1,(MCS0)_8TX	28.56	0.71779
802.11ax HEW80-BF_Nss1,(MCS0)_8TX	24.46	0.27925



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Port 5 (dBm)	Port 6 (dBm)	Port 7 (dBm)	Port 8 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8.39	17.32	16.95	17.58	17.14	16.89	16.85	17.30	16.63	26.12	27.61
5200MHz	Pass	8.39	17.60	17.79	17.52	17.20	17.16	17.66	17.53	17.27	26.50	27.61
5240MHz	Pass	8.39	19.12	18.21	18.21	17.46	17.88	18.80	18.07	18.92	27.40	27.61
5745MHz	Pass	7.13	19.80	19.96	19.85	19.26	18.85	18.73	18.65	19.43	28.38	28.83
5785MHz	Pass	7.13	20.45	20.31	18.52	16.09	19.93	20.79	20.27	20.25	28.81	28.87
5825MHz	Pass	7.13	19.84	19.24	18.72	19.93	20.50	19.80	17.24	20.05	28.54	28.87
802.11ax HEW40-BF_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	8.39	15.79	15.41	15.92	15.82	15.59	15.25	15.72	15.05	24.61	27.61
5230MHz	Pass	8.39	18.64	18.51	18.03	17.77	17.96	18.35	18.16	18.15	27.24	27.61
5755MHz	Pass	7.13	18.84	18.01	18.85	18.66	19.21	19.11	18.36	17.41	27.62	28.87
5795MHz	Pass	7.13	19.93	18.27	19.67	20.02	19.90	18.34	19.87	19.81	28.56	28.87
802.11ax HEW80-BF_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	8.39	14.64	14.41	14.82	14.61	14.45	14.39	14.58	14.18	23.54	27.61
5775MHz	Pass	7.13	15.74	14.71	15.53	15.53	15.97	15.85	15.48	14.37	24.46	28.87

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



Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	25.97	0.39537
802.11ax HEW20_Nss1,(MCS0)_4TX	26.54	0.45082
802.11ax HEW40_Nss1,(MCS0)_4TX	24.69	0.29444
802.11ax HEW80_Nss1,(MCS0)_4TX	21.09	0.12853

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.70	16.52	16.48	16.57	16.63	22.57	30.00
5200MHz	Pass	3.70	20.16	19.78	20.22	19.62	25.97	30.00
5240MHz	Pass	3.70	19.40	19.24	19.52	18.78	25.26	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.70	16.92	17.17	17.41	17.21	23.20	30.00
5200MHz	Pass	3.70	20.94	20.29	20.59	20.21	26.54	30.00
5240MHz	Pass	3.70	19.58	19.49	19.66	18.85	25.43	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.70	15.43	15.09	15.17	15.25	21.26	30.00
5230MHz	Pass	3.70	19.09	18.47	18.85	18.21	24.69	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.70	15.34	14.75	15.13	15.04	21.09	30.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	26.54	0.45082
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	24.69	0.29444
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	21.09	0.12853

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.35	16.92	17.17	17.41	17.21	23.20	28.65
5200MHz	Pass	7.35	20.94	20.29	20.59	20.21	26.54	28.65
5240MHz	Pass	7.35	19.58	19.49	19.66	18.85	25.43	28.65
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.35	15.43	15.09	15.17	15.25	21.26	28.65
5230MHz	Pass	7.35	19.09	18.47	18.85	18.21	24.69	28.65
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.35	15.34	14.75	15.13	15.04	21.09	28.65

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



Average Power_Radio 1_UNII 3 4TX_Non beamforming mode Appendix C.5

Summary

Mode	Total Power (dBm)	Total Power (W)
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	26.91	0.49091
802.11ax HEW20_Nss1,(MCS0)_4TX	26.75	0.47315
802.11ax HEW40_Nss1,(MCS0)_4TX	24.67	0.29309
802.11ax HEW80_Nss1,(MCS0)_4TX	20.28	0.10666



Average Power_Radio 1_UNII 3 4TX_Non beamforming mode Appendix C.5

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5745MHz	Pass	3.60	20.67	20.89	21.32	20.64	26.91	30.00
5785MHz	Pass	3.60	20.39	20.23	20.51	19.52	26.20	30.00
5825MHz	Pass	3.60	19.36	19.75	20.13	19.53	25.72	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5745MHz	Pass	3.60	20.41	20.69	21.25	20.51	26.75	30.00
5785MHz	Pass	3.60	20.23	20.27	20.46	19.32	26.11	30.00
5825MHz	Pass	3.60	19.19	19.52	20.07	19.56	25.62	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5755MHz	Pass	3.60	18.04	16.64	18.07	17.85	23.71	30.00
5795MHz	Pass	3.60	19.22	17.47	18.69	19.01	24.67	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5775MHz	Pass	3.60	14.62	13.54	14.37	14.43	20.28	30.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	26.75	0.47315
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	24.67	0.29309
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	20.28	0.10666

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5745MHz	Pass	8.15	20.41	20.69	21.25	20.51	26.75	27.85
5785MHz	Pass	8.15	20.23	20.27	20.46	19.32	26.11	27.85
5825MHz	Pass	8.15	19.19	19.52	20.07	19.56	25.62	27.85
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5755MHz	Pass	8.15	18.04	16.64	18.07	17.85	23.71	27.85
5795MHz	Pass	8.15	19.22	17.47	18.69	19.01	24.67	27.85
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5775MHz	Pass	8.15	14.62	13.54	14.37	14.43	20.28	27.85

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



**Average Power_Radio 2_UNII 1 and UNII 3 4TX_
Non beamforming mode**

Appendix C.7

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	28.22	0.66374	32.49	1.77419
802.11ax HEW20_Nss1,(MCS0)_4TX	28.06	0.63973	32.33	1.71002
802.11ax HEW40_Nss1,(MCS0)_4TX	27.66	0.58345	31.93	1.55955
802.11ax HEW80_Nss1,(MCS0)_4TX	21.29	0.13459	25.56	0.35975
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	28.95	0.78524	33.65	2.31739
802.11ax HEW20_Nss1,(MCS0)_4TX	29.34	0.85901	34.04	2.53513
802.11ax HEW40_Nss1,(MCS0)_4TX	29.17	0.82604	33.87	2.43781
802.11ax HEW80_Nss1,(MCS0)_4TX	27.40	0.54954	32.10	1.62181



Average Power_Radio 2_UNII 1 and UNII 3 4TX
Non beamforming mode

Appendix C.7

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.27	18.57	18.19	18.35	18.14	24.34	30.00	28.61	36.00
5200MHz	Pass	4.27	22.46	21.82	21.79	22.65	28.22	30.00	32.49	36.00
5240MHz	Pass	4.27	21.69	21.06	21.48	21.95	27.58	30.00	31.85	36.00
5745MHz	Pass	4.70	22.67	22.12	22.82	22.63	28.59	30.00	33.29	36.00
5785MHz	Pass	4.70	23.23	22.81	22.87	22.78	28.95	30.00	33.65	36.00
5825MHz	Pass	4.70	23.25	22.05	22.72	22.79	28.74	30.00	33.44	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.27	18.64	18.29	18.31	18.78	24.53	30.00	28.80	36.00
5200MHz	Pass	4.27	22.07	21.82	21.98	22.29	28.06	30.00	32.33	36.00
5240MHz	Pass	4.27	22.13	21.51	21.69	22.17	27.90	30.00	32.17	36.00
5745MHz	Pass	4.70	23.21	22.75	23.43	23.24	29.19	30.00	33.89	36.00
5785MHz	Pass	4.70	23.65	23.17	23.33	23.12	29.34	30.00	34.04	36.00
5825MHz	Pass	4.70	23.62	22.55	23.24	23.28	29.21	30.00	33.91	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	4.27	17.47	17.27	17.61	18.12	23.65	30.00	27.92	36.00
5230MHz	Pass	4.27	21.65	21.38	21.62	21.89	27.66	30.00	31.93	36.00
5755MHz	Pass	4.70	23.12	22.61	23.42	23.06	29.08	30.00	33.78	36.00
5795MHz	Pass	4.70	23.52	22.59	23.31	23.14	29.17	30.00	33.87	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	4.27	15.21	15.03	15.14	15.67	21.29	30.00	25.56	36.00
5775MHz	Pass	4.70	21.43	21.08	21.74	21.22	27.40	30.00	32.10	36.00

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



Average Power_Radio 2_UNII 1 and UNII 3 4TX_Beamforming mode Appendix C.8

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	28.06	0.63973
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	27.66	0.58345
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	21.29	0.13459
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	29.34	0.85901
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	29.17	0.82604
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	27.40	0.54954



Average Power_Radio 2_UNII 1 and UNII 3 4TX_Beamforming mode Appendix C.8

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.84	18.64	18.29	18.31	18.78	24.53	29.16
5200MHz	Pass	6.84	22.07	21.82	21.98	22.29	28.06	29.16
5240MHz	Pass	6.84	22.13	21.51	21.69	22.17	27.90	29.16
5745MHz	Pass	5.70	23.21	22.75	23.43	23.24	29.19	30.00
5785MHz	Pass	5.70	23.65	23.17	23.33	23.12	29.34	30.00
5825MHz	Pass	5.70	23.62	22.55	23.24	23.28	29.21	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.84	17.47	17.27	17.61	18.12	23.65	29.16
5230MHz	Pass	6.84	21.65	21.38	21.62	21.89	27.66	29.16
5755MHz	Pass	5.70	23.12	22.61	23.42	23.06	29.08	30.00
5795MHz	Pass	5.70	23.52	22.59	23.31	23.14	29.17	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.84	15.21	15.03	15.14	15.67	21.29	29.16
5775MHz	Pass	5.70	21.43	21.08	21.74	21.22	27.40	30.00

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



Summar

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_8TX	14.60
802.11ax HEW20_Nss1,(MCS0)_8TX	14.46
802.11ax HEW40_Nss1,(MCS0)_8TX	11.63
802.11ax HEW80_Nss1,(MCS0)_8TX	4.48
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_8TX	15.47
802.11ax HEW20_Nss1,(MCS0)_8TX	14.95
802.11ax HEW40_Nss1,(MCS0)_8TX	10.89
802.11ax HEW80_Nss1,(MCS0)_8TX	4.23

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



Result

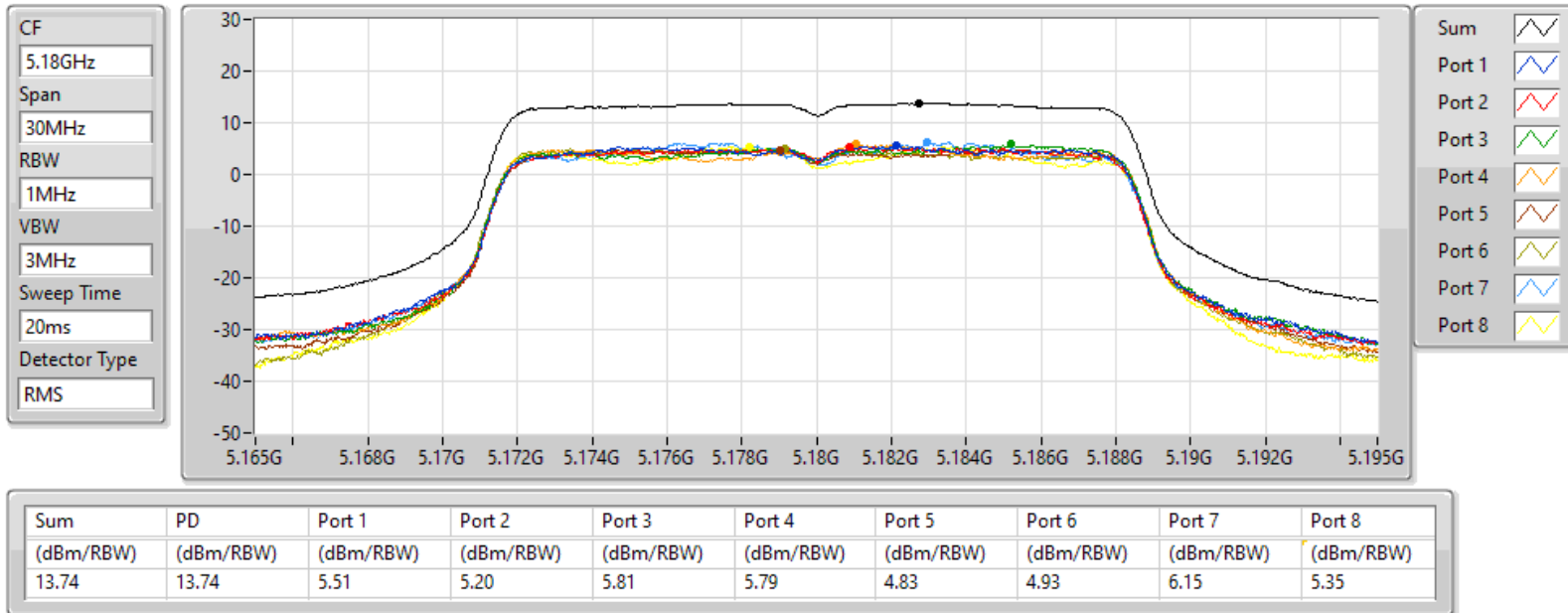
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	Port 5 (dBm/RBW)	Port 6 (dBm/RBW)	Port 7 (dBm/RBW)	Port 8 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8.39	5.51	5.20	5.81	5.79	4.83	4.93	6.15	5.35	13.74	14.61
5200MHz	Pass	8.39	7.20	6.02	5.57	5.83	6.15	7.30	6.30	6.33	14.45	14.61
5240MHz	Pass	8.39	7.11	5.91	5.17	5.32	5.79	7.00	6.86	6.75	14.60	14.61
5745MHz	Pass	7.17	7.49	5.97	5.87	6.68	7.97	7.88	6.84	6.25	15.10	28.83
5785MHz	Pass	7.17	7.48	7.14	6.75	6.37	7.09	6.72	7.30	6.62	15.47	28.83
5825MHz	Pass	7.17	6.82	6.44	5.60	6.56	6.91	7.04	7.06	6.95	15.22	28.83
802.11ax HEW20_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8.39	4.82	3.66	5.15	4.97	3.96	4.39	4.74	4.49	13.08	14.61
5200MHz	Pass	8.39	6.14	5.31	6.43	6.32	5.83	5.35	6.51	5.52	14.46	14.61
5240MHz	Pass	8.39	7.22	5.31	5.03	4.24	4.86	6.30	5.67	6.61	14.17	14.61
5745MHz	Pass	7.17	6.54	5.29	6.68	5.90	6.54	6.76	5.72	4.49	14.50	28.83
5785MHz	Pass	7.17	6.59	5.55	6.99	5.28	6.22	6.77	6.54	4.90	14.73	28.83
5825MHz	Pass	7.17	5.88	5.69	6.73	5.56	6.24	7.44	7.01	5.89	14.95	28.83
802.11ax HEW40_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	8.39	-0.15	-0.30	0.67	0.34	-0.39	-0.40	0.42	-0.04	8.52	14.61
5230MHz	Pass	8.39	2.68	2.75	3.90	3.53	2.84	2.93	3.44	3.43	11.63	14.61
5755MHz	Pass	7.17	2.60	1.48	2.25	1.68	2.89	3.34	2.17	0.19	10.23	28.83
5795MHz	Pass	7.17	3.25	1.26	3.13	2.82	3.09	3.23	3.78	2.95	10.89	28.83
802.11ax HEW80_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	8.39	-4.08	-4.51	-3.50	-3.72	-4.37	-4.03	-3.57	-3.81	4.48	14.61
5775MHz	Pass	7.17	-3.23	-4.43	-3.73	-4.18	-3.11	-2.73	-3.97	-5.99	4.23	28.83

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;

802.11a_Nss1,(6Mbps)_8TX

5180MHz

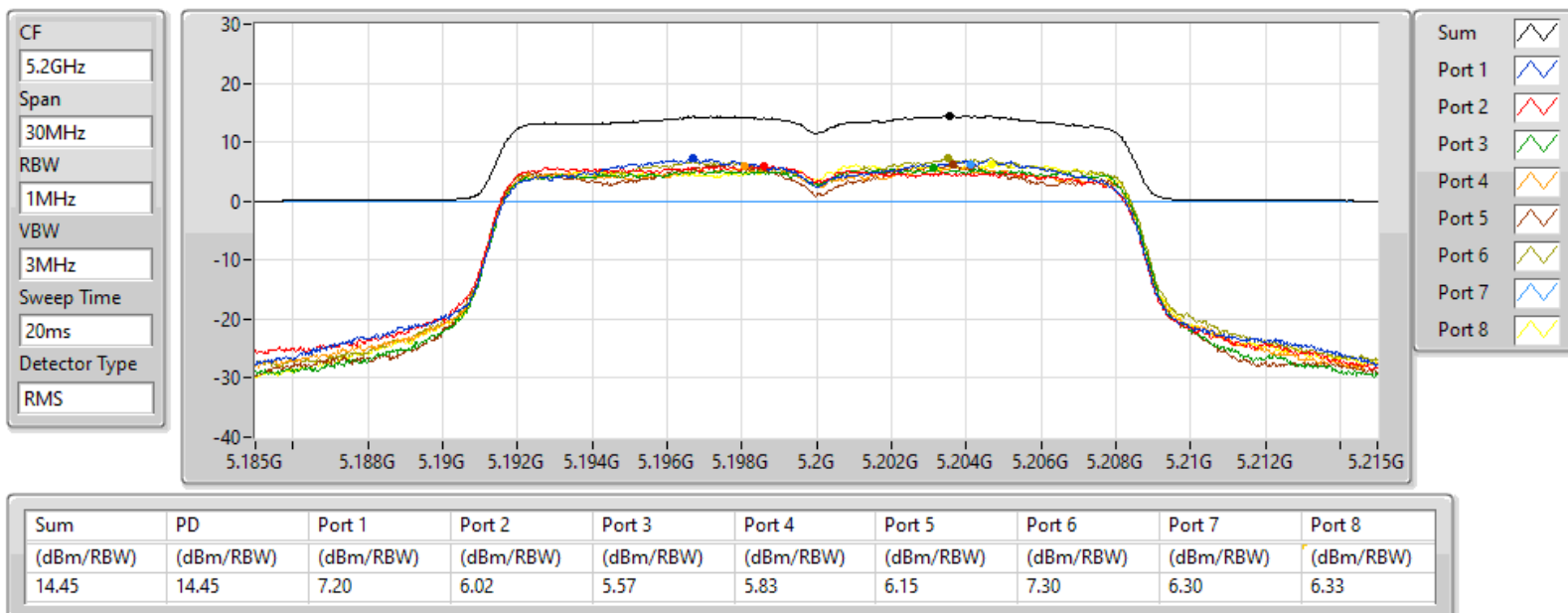
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802.11a_Nss1,(6Mbps)_8TX

5200MHz

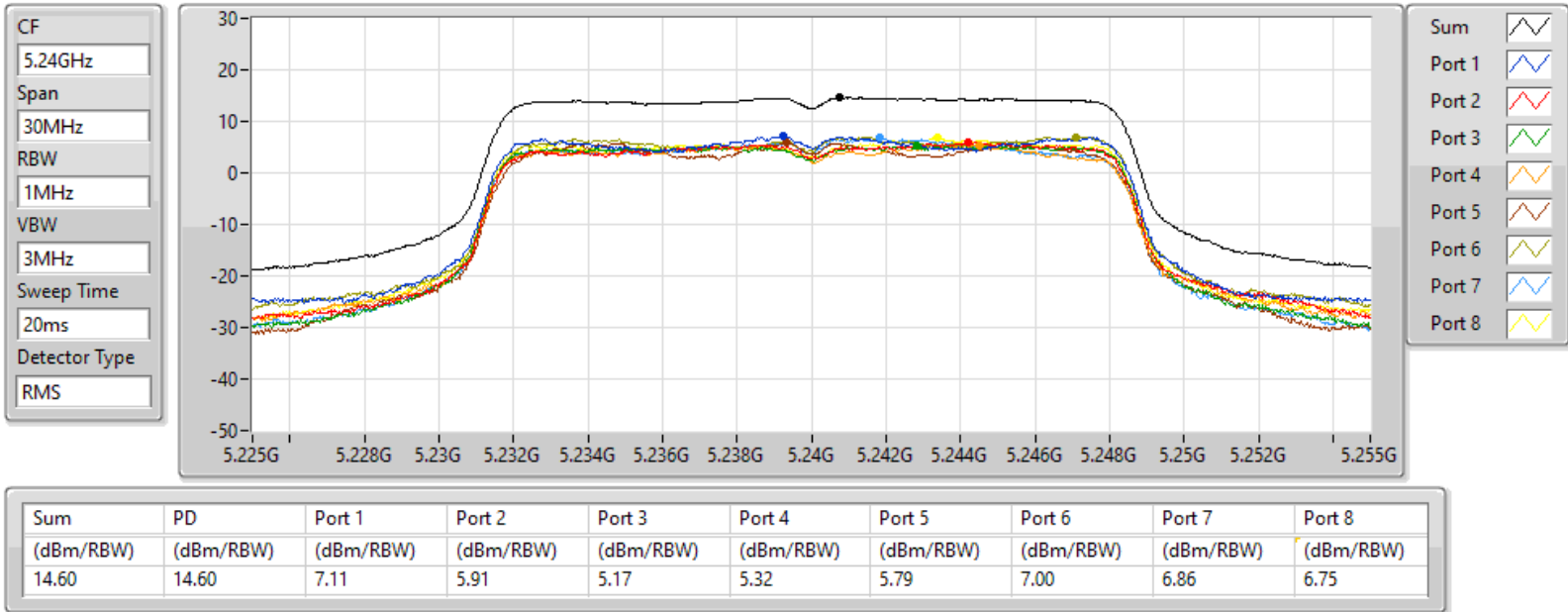
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802.11a_Nss1,(6Mbps)_8TX

5240MHz

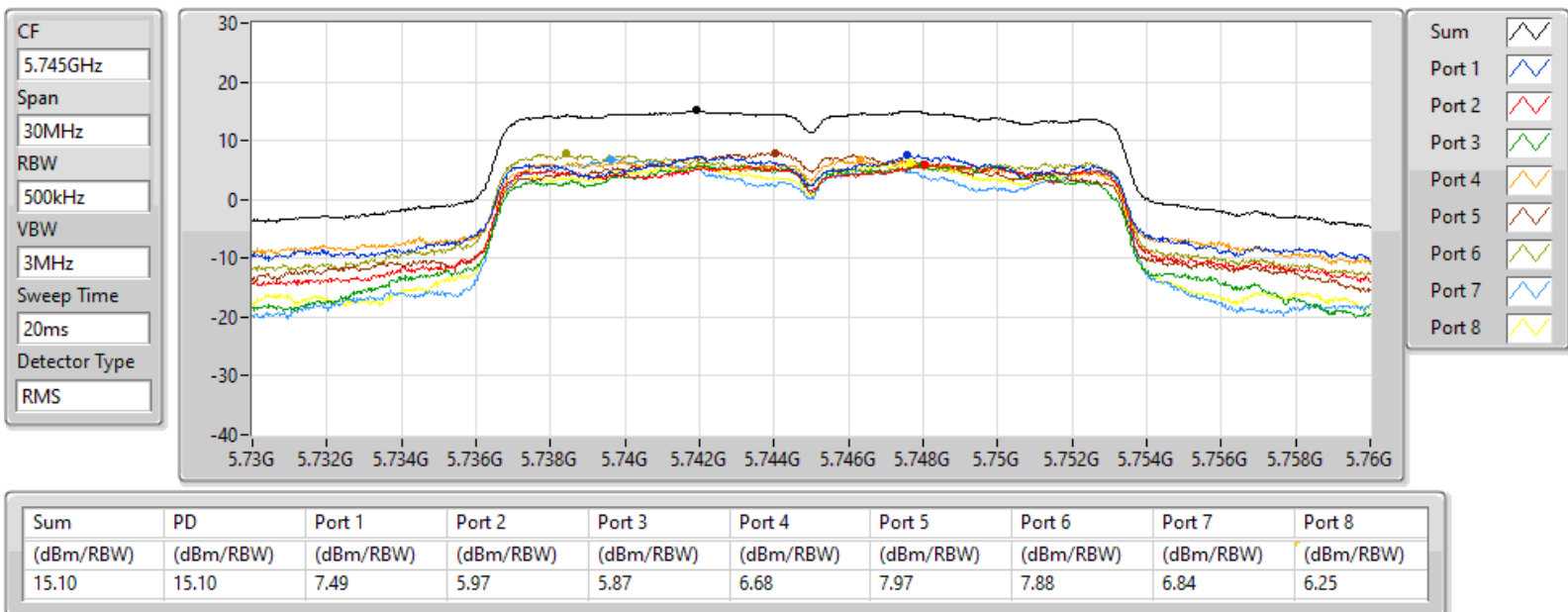
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802.11a_Nss1,(6Mbps)_8TX

5745MHz

07/01/2022

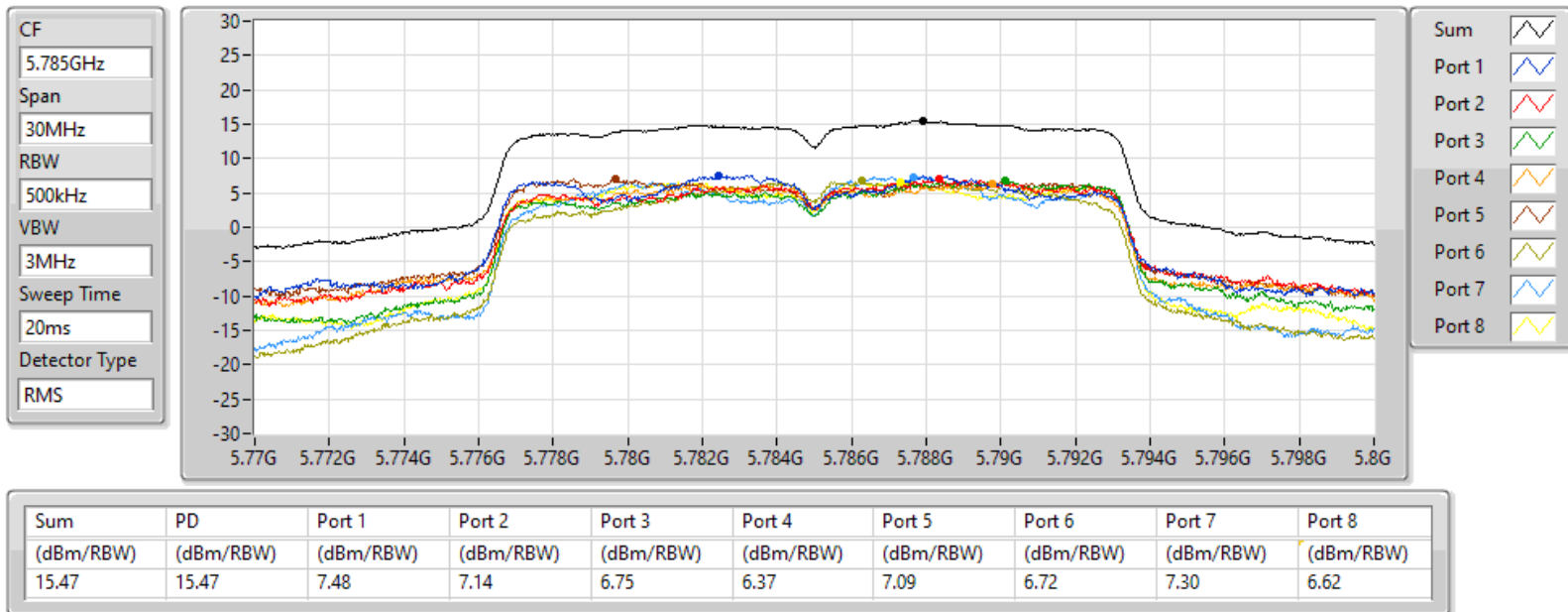


802.11a_Nss1,(6Mbps)_8TX

5785MHz

PSD

07/01/2022

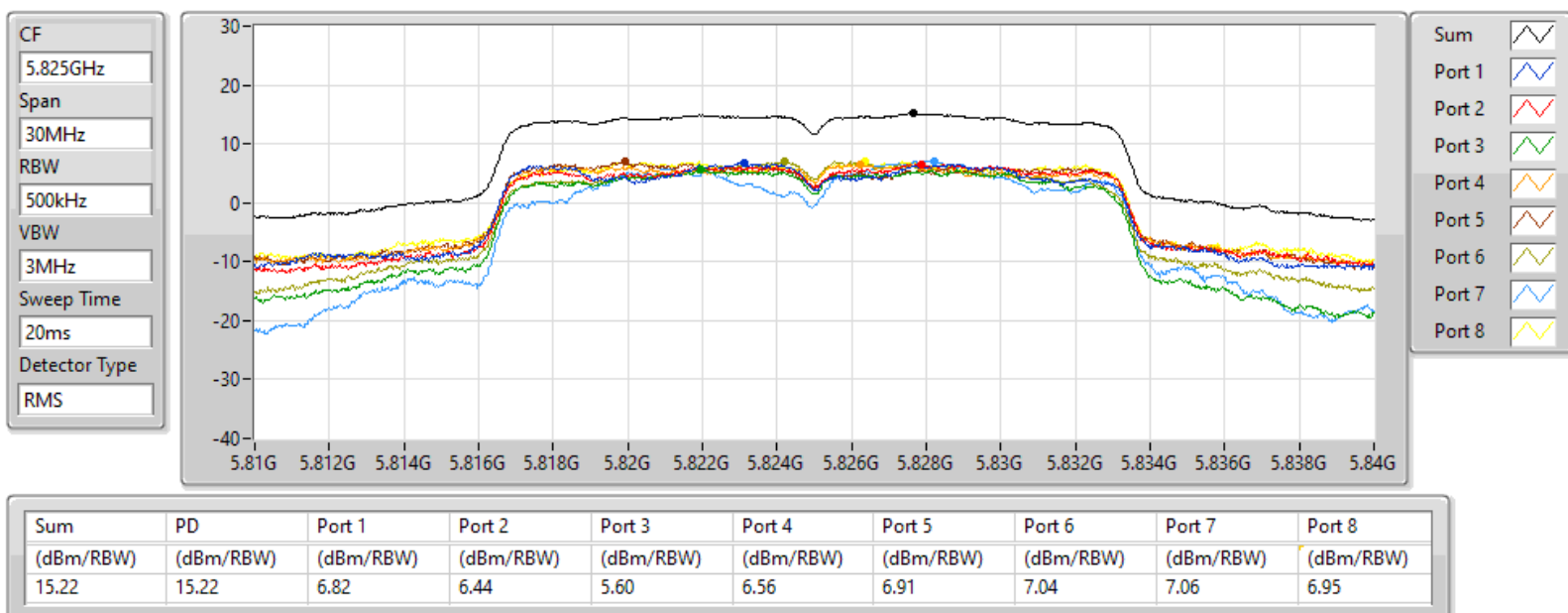


802.11a_Nss1,(6Mbps)_8TX

5825MHz

PSD

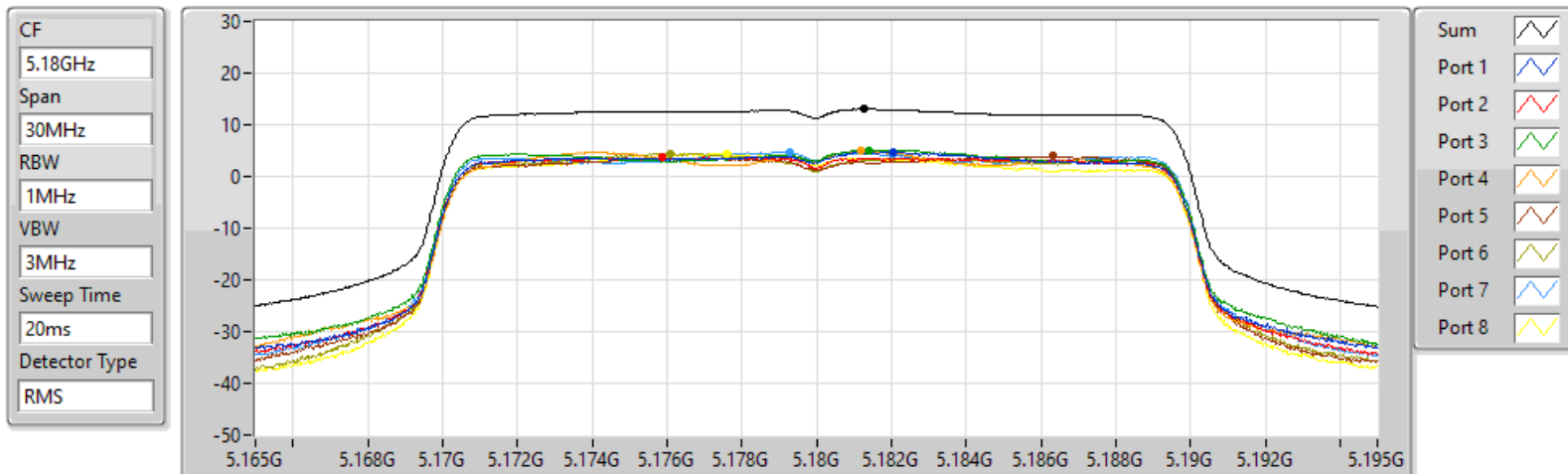
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802.11ax HEW20_Nss1,(MCS0)_8TX

5180MHz

07/01/2022

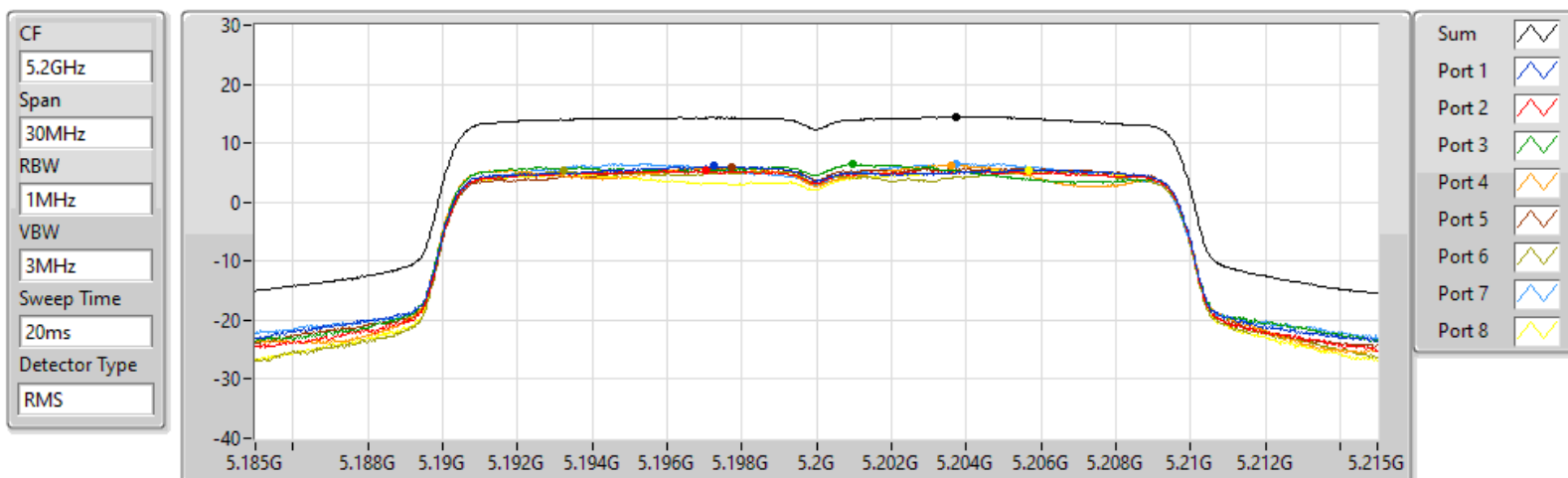


Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
13.08	13.08	4.82	3.66	5.15	4.97	3.96	4.39	4.74	4.49

802.11ax HEW20_Nss1,(MCS0)_8TX

5200MHz

07/01/2022

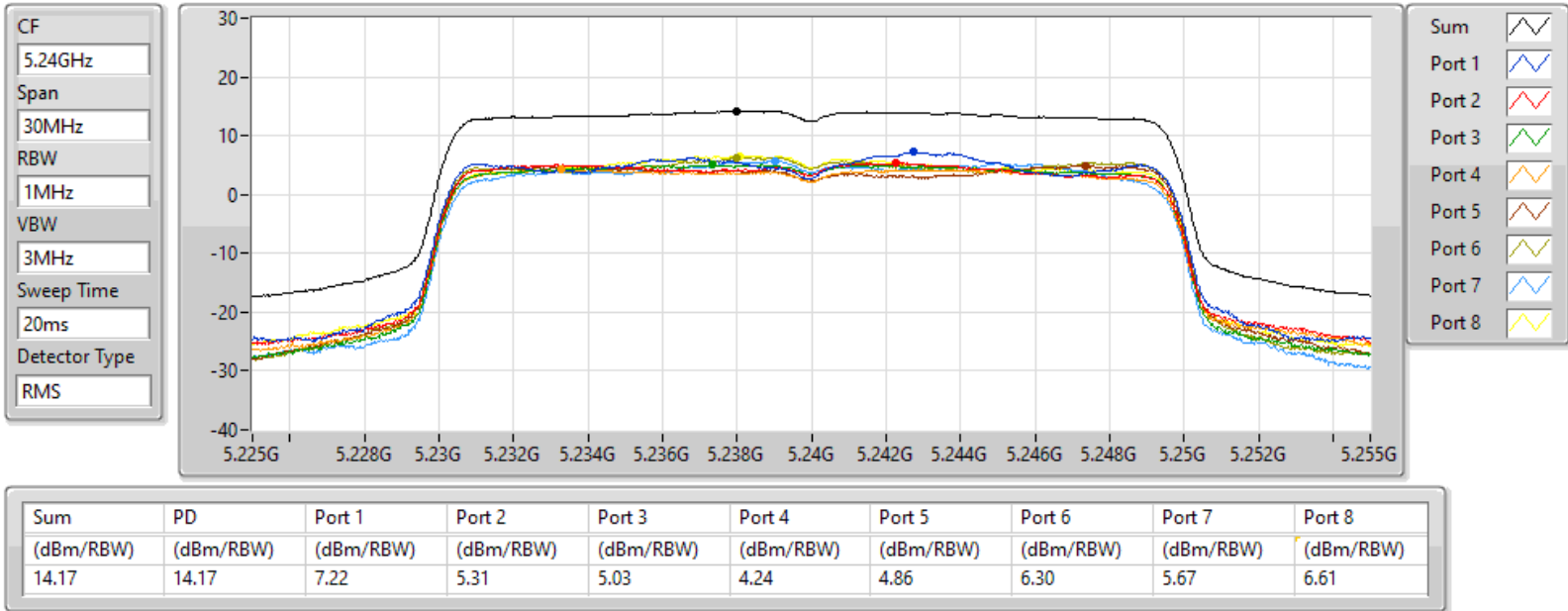


Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
14.46	14.46	6.14	5.31	6.43	6.32	5.83	5.35	6.51	5.52

802.11ax HEW20_Nss1,(MCS0)_8TX

5240MHz

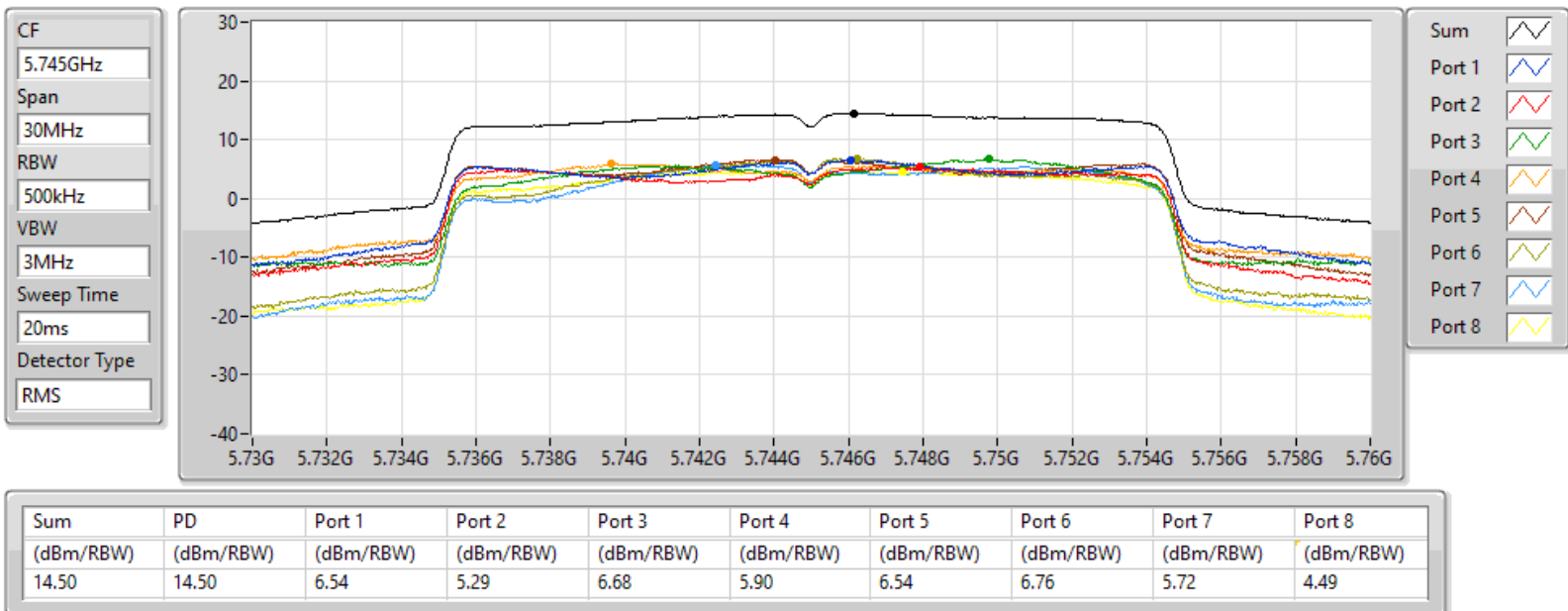
28/03/2022



802.11ax HEW20_Nss1,(MCS0)_8TX

5745MHz

07/01/2022

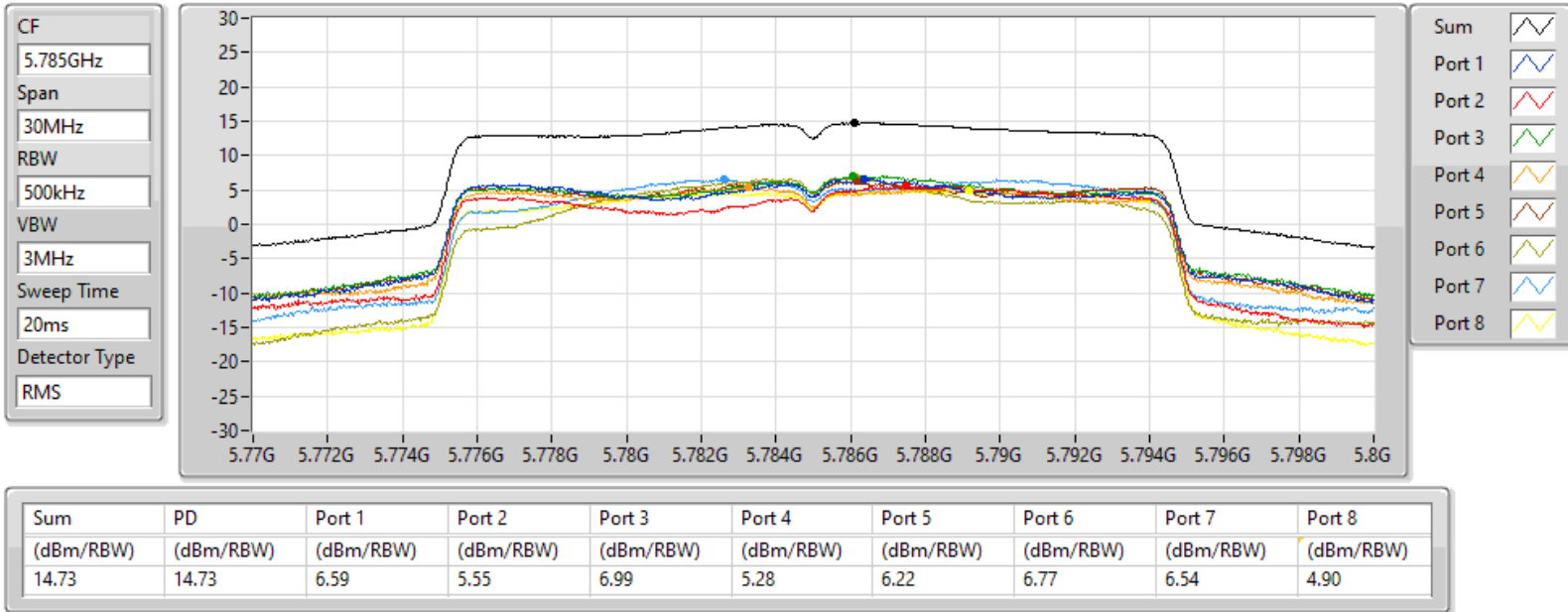


802.11ax HEW20_Nss1,(MCS0)_8TX

5785MHz

PSD

07/01/2022

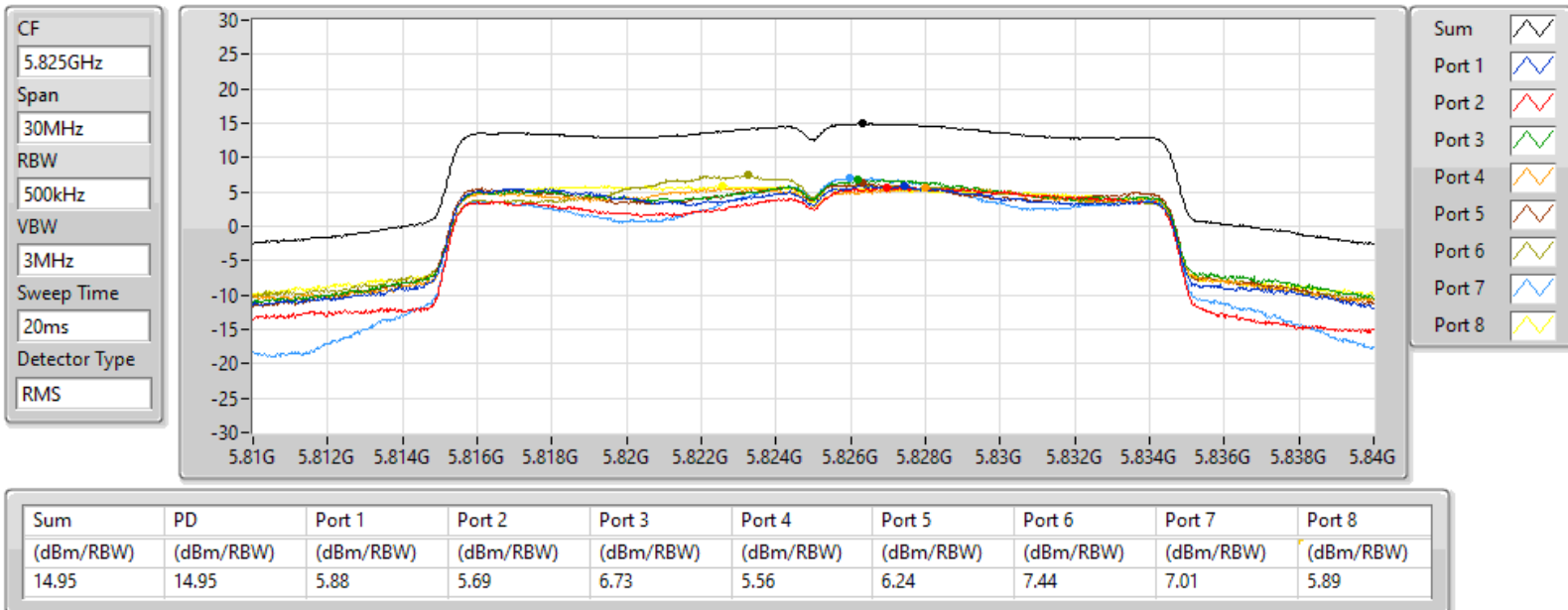


802.11ax HEW20_Nss1,(MCS0)_8TX

5825MHz

PSD

07/01/2022

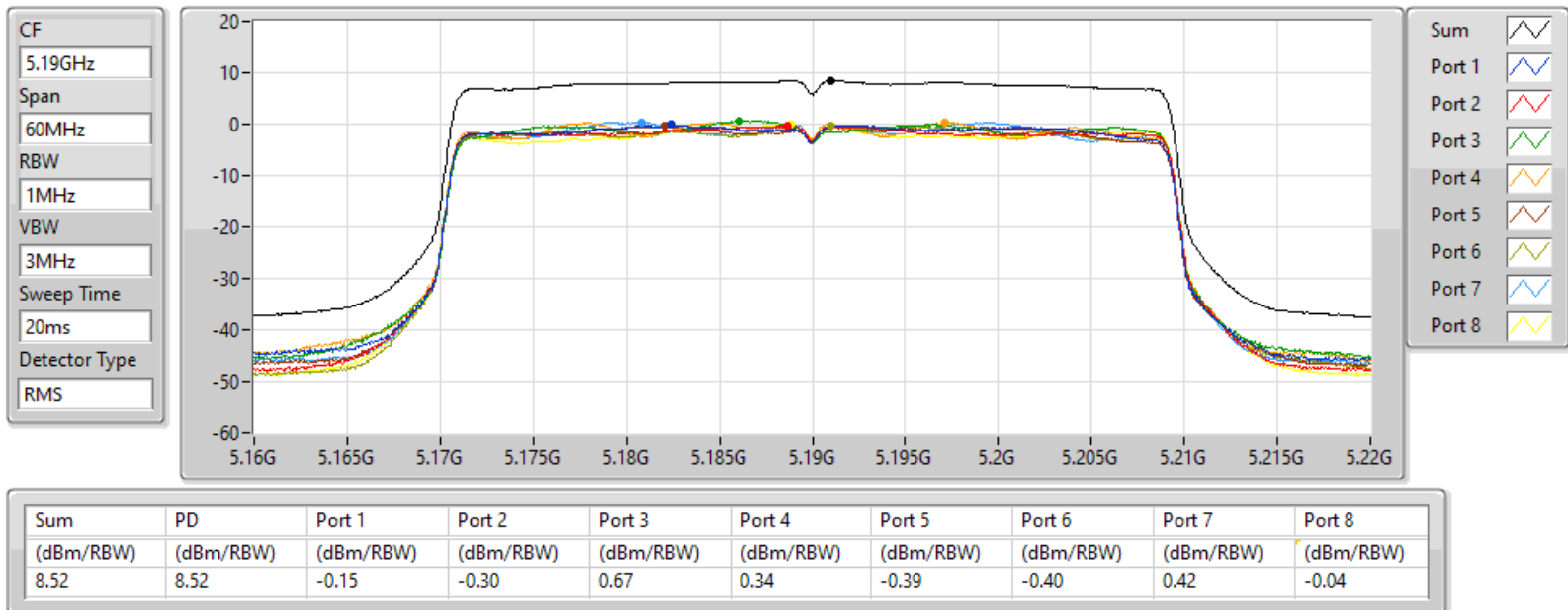


802.11ax HEW40_Nss1,(MCS0)_8TX

PSD

5190MHz

07/01/2022

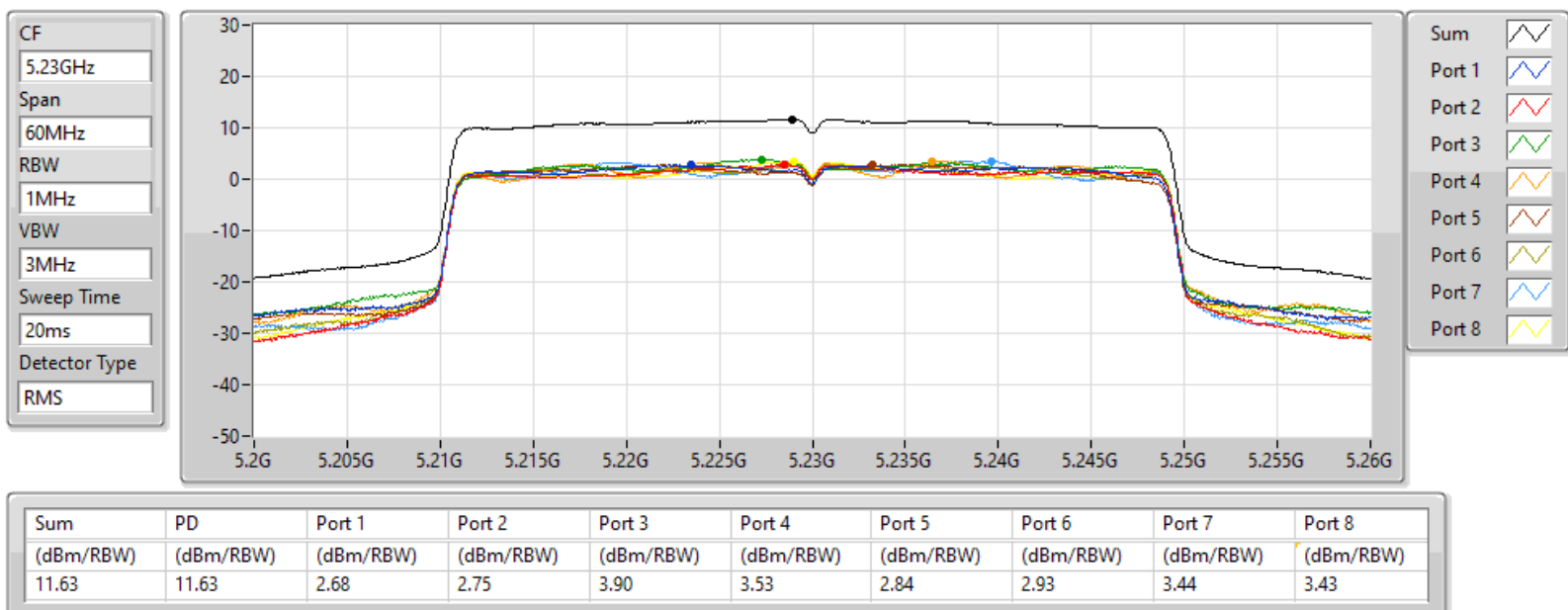


802.11ax HEW40_Nss1,(MCS0)_8TX

PSD

5230MHz

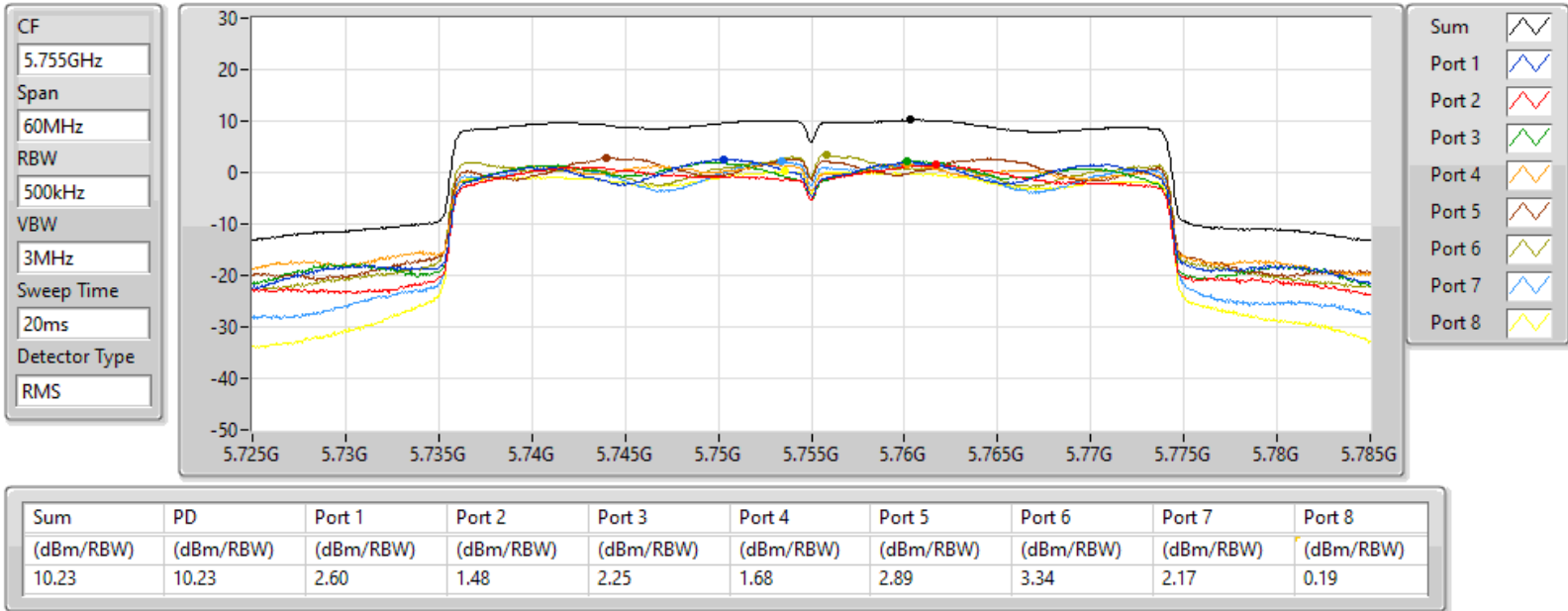
07/01/2022



802.11ax HEW40_Nss1,(MCS0)_8TX

5755MHz

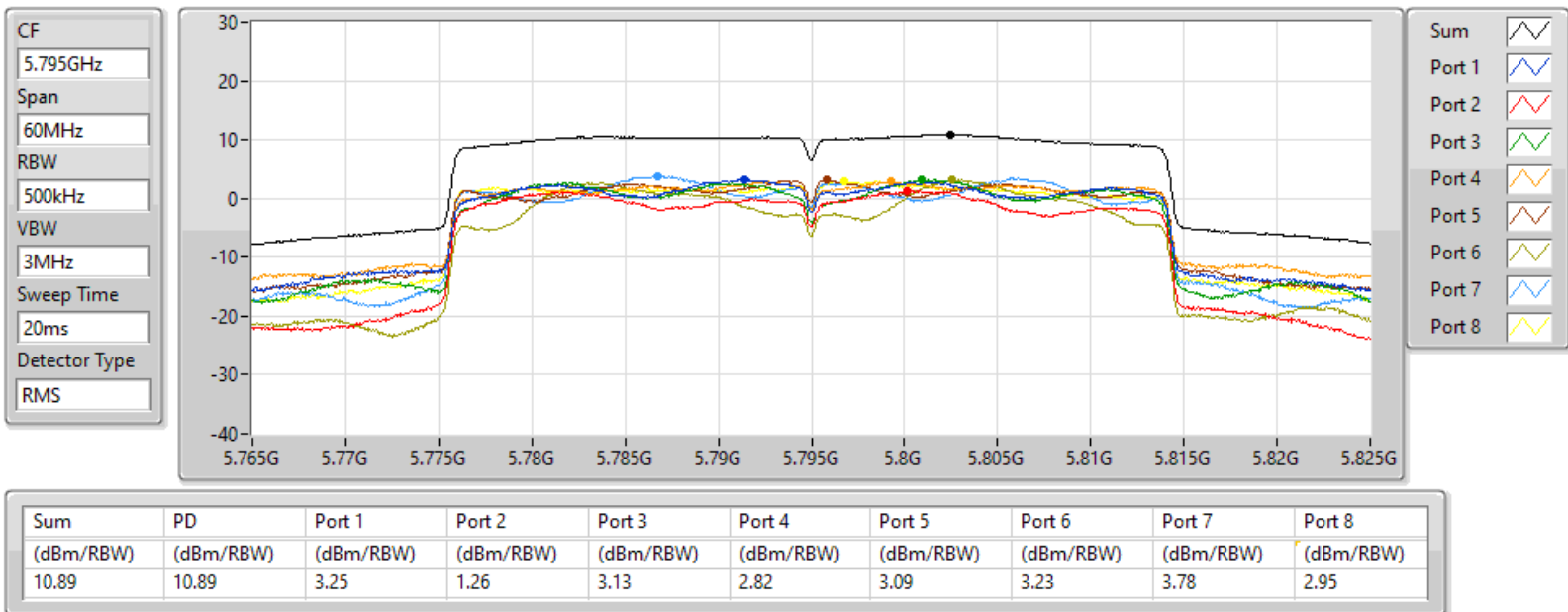
08/01/2022



802.11ax HEW40_Nss1,(MCS0)_8TX

5795MHz

08/01/2022

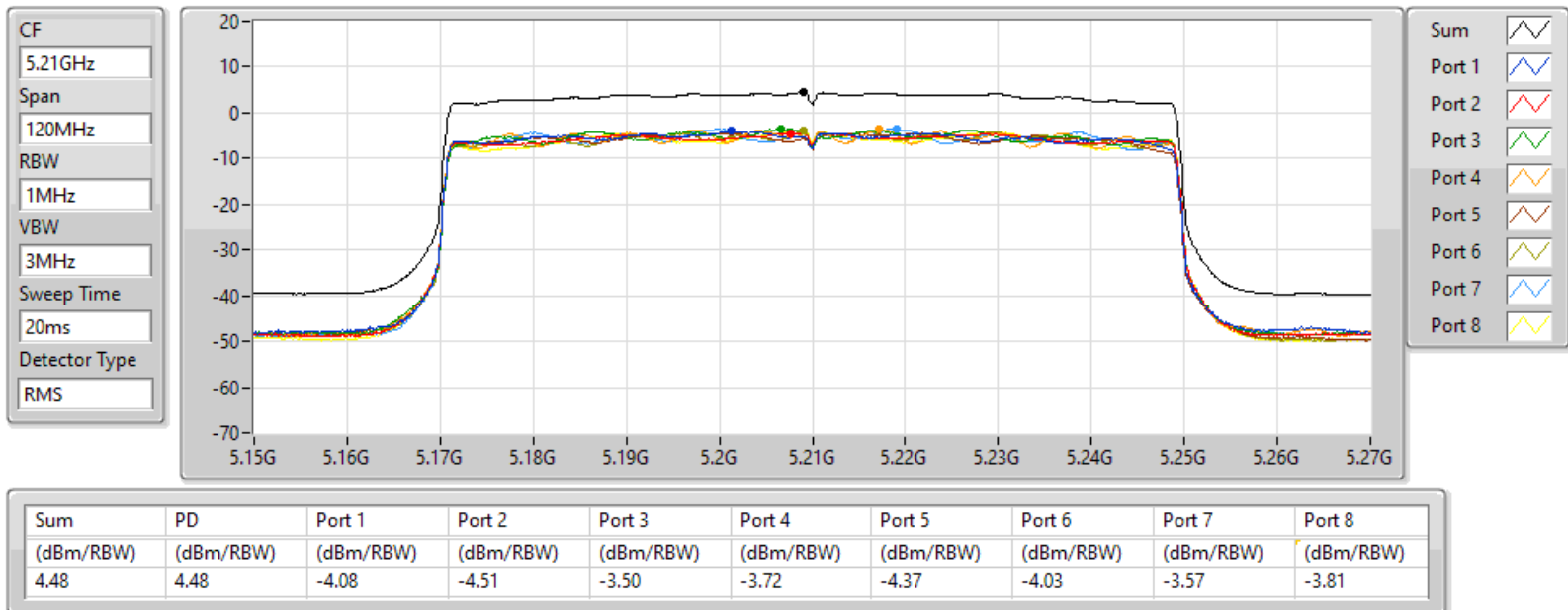


802.11ax HEW80_Nss1,(MCS0)_8TX

PSD

5210MHz

08/01/2022

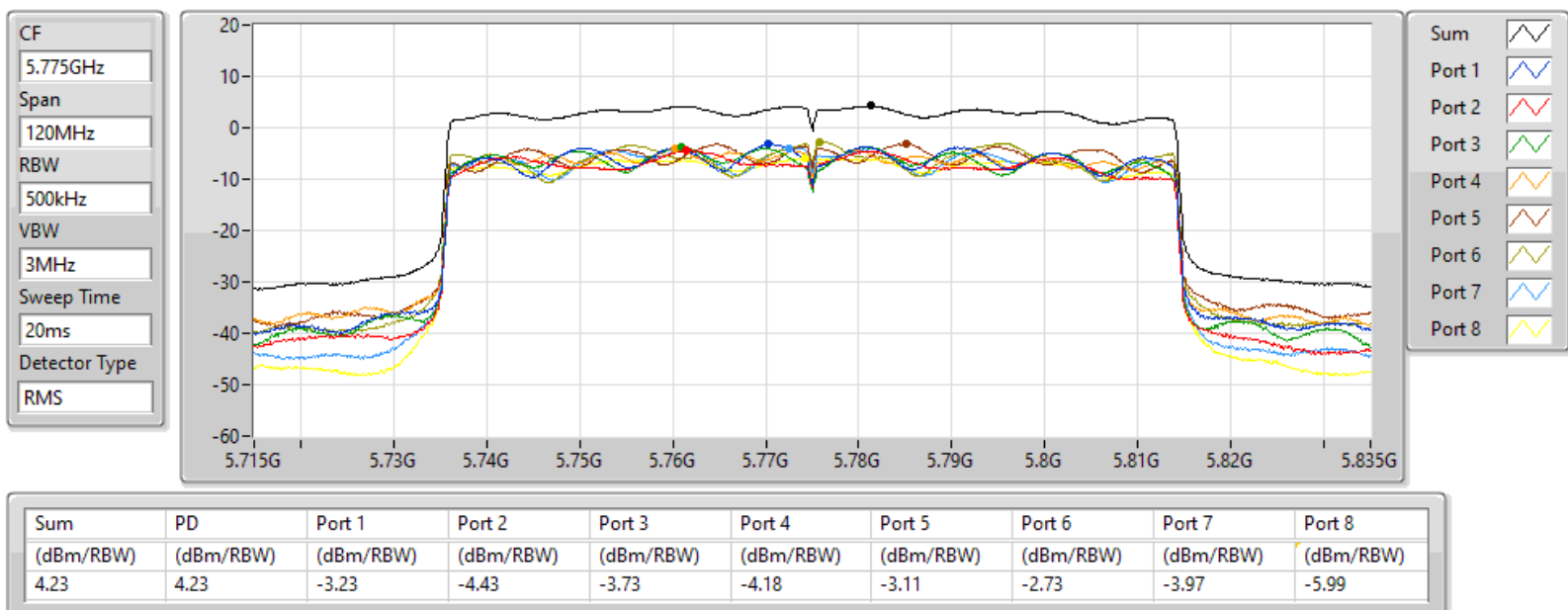


802.11ax HEW80_Nss1,(MCS0)_8TX

PSD

5775MHz

08/01/2022





Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	14.33
802.11ax HEW20_Nss1,(MCS0)_4TX	13.38
802.11ax HEW40_Nss1,(MCS0)_4TX	9.35
802.11ax HEW80_Nss1,(MCS0)_4TX	2.79

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)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.35	4.96	4.65	5.14	5.55	10.62	15.65
5200MHz	Pass	7.35	8.62	8.21	8.47	8.95	14.33	15.65
5240MHz	Pass	7.35	7.89	7.46	8.04	7.62	13.27	15.65
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.35	4.81	4.64	5.60	4.88	10.54	15.65
5200MHz	Pass	7.35	8.01	7.65	8.01	7.87	13.38	15.65
5240MHz	Pass	7.35	7.13	6.49	7.52	6.54	12.47	15.65
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.35	0.26	-0.27	0.23	0.30	5.77	15.65
5230MHz	Pass	7.35	3.92	3.69	3.66	3.49	9.35	15.65
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.35	-2.91	-3.41	-2.35	-2.79	2.79	15.65

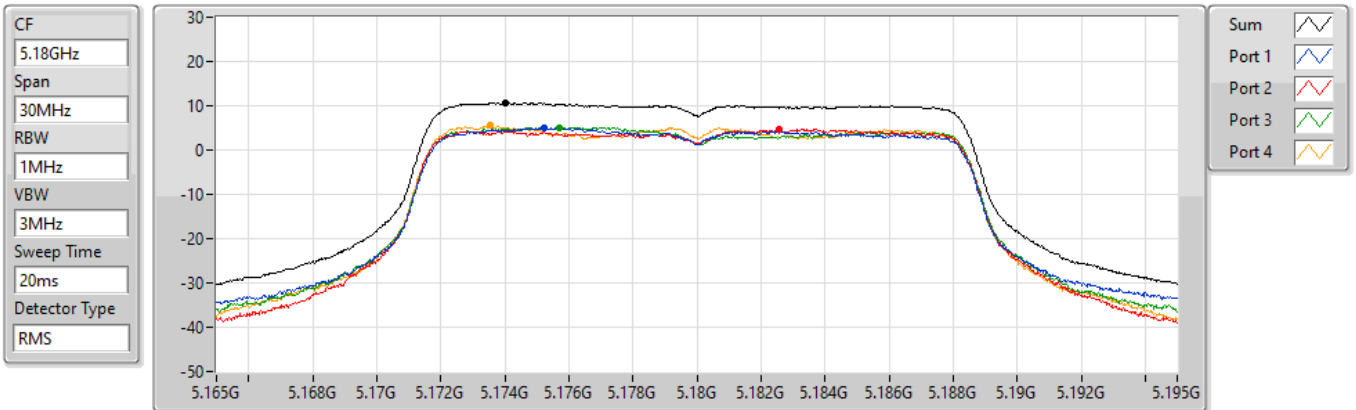
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5180MHz

08/01/2022



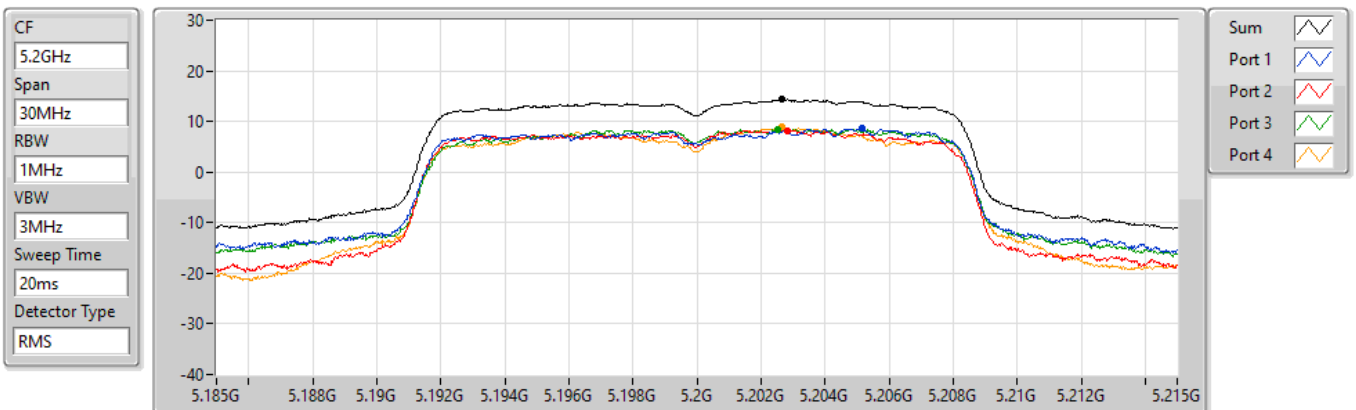
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.62	10.62	4.96	4.65	5.14	5.55

802.11a_Nss1,(6Mbps)_4TX

PSD

5200MHz

08/01/2022



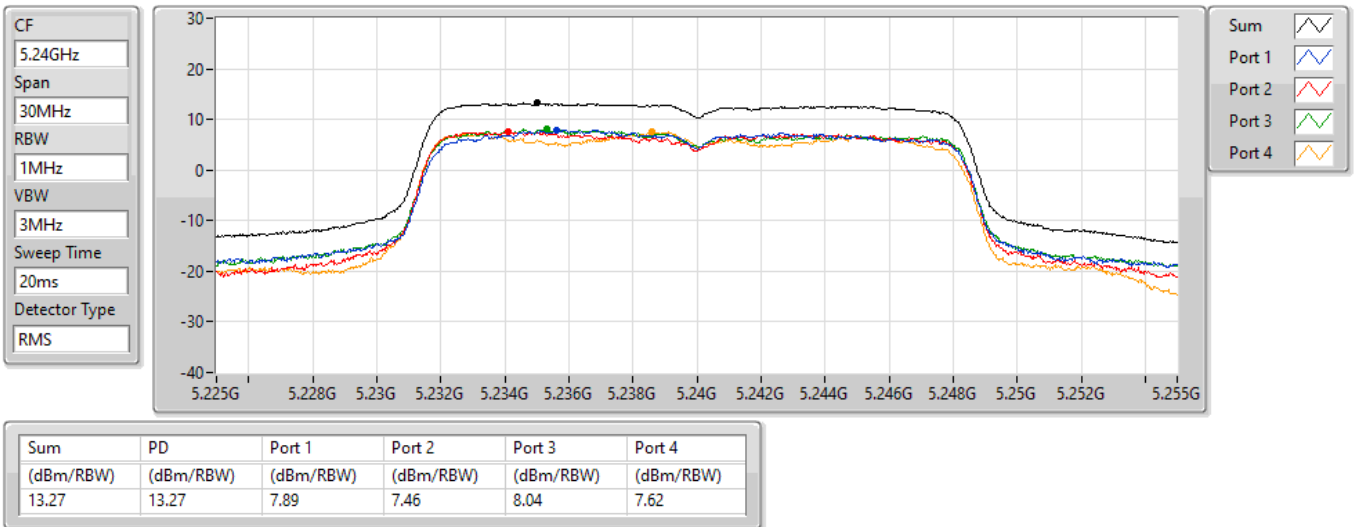
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.33	14.33	8.62	8.21	8.47	8.95

802.11a_Nss1,(6Mbps)_4TX

PSD

5240MHz

08/01/2022

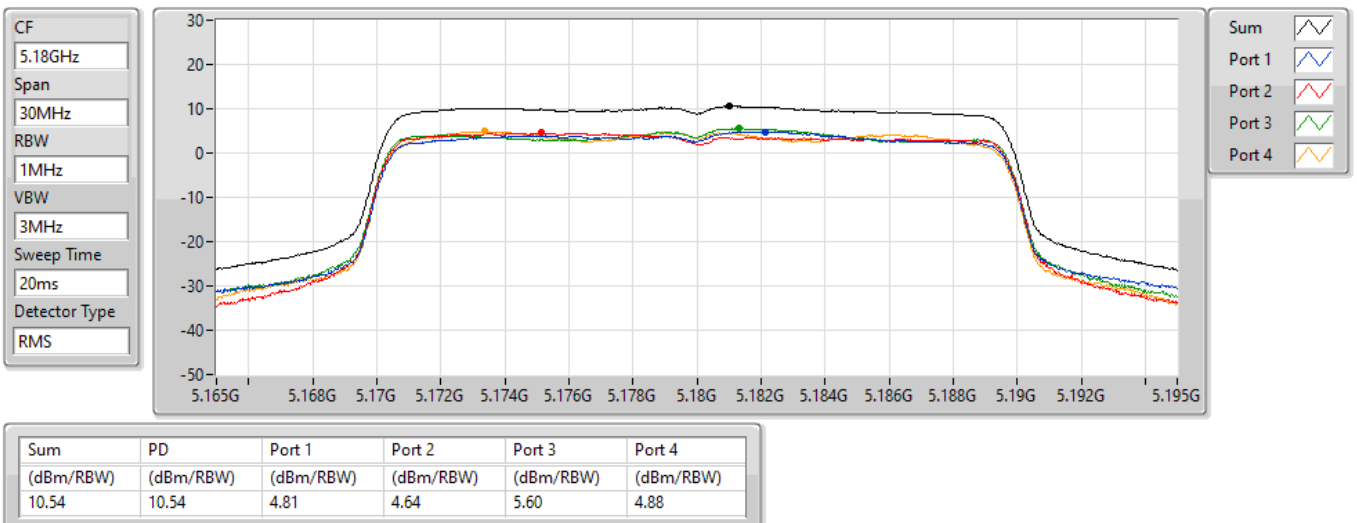


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5180MHz

08/01/2022

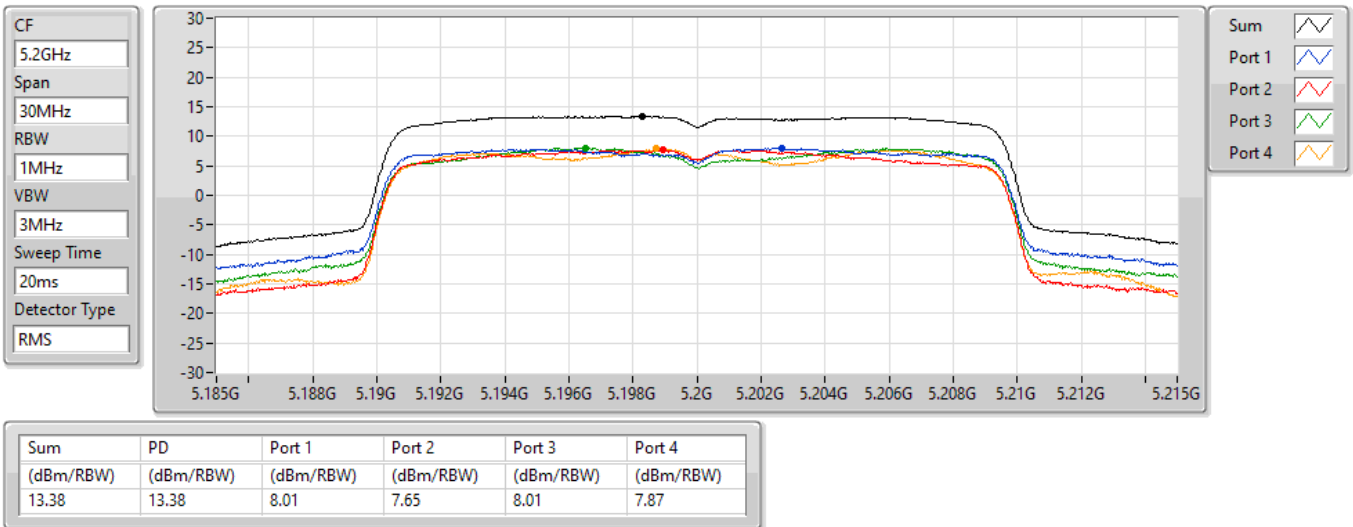


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5200MHz

08/01/2022

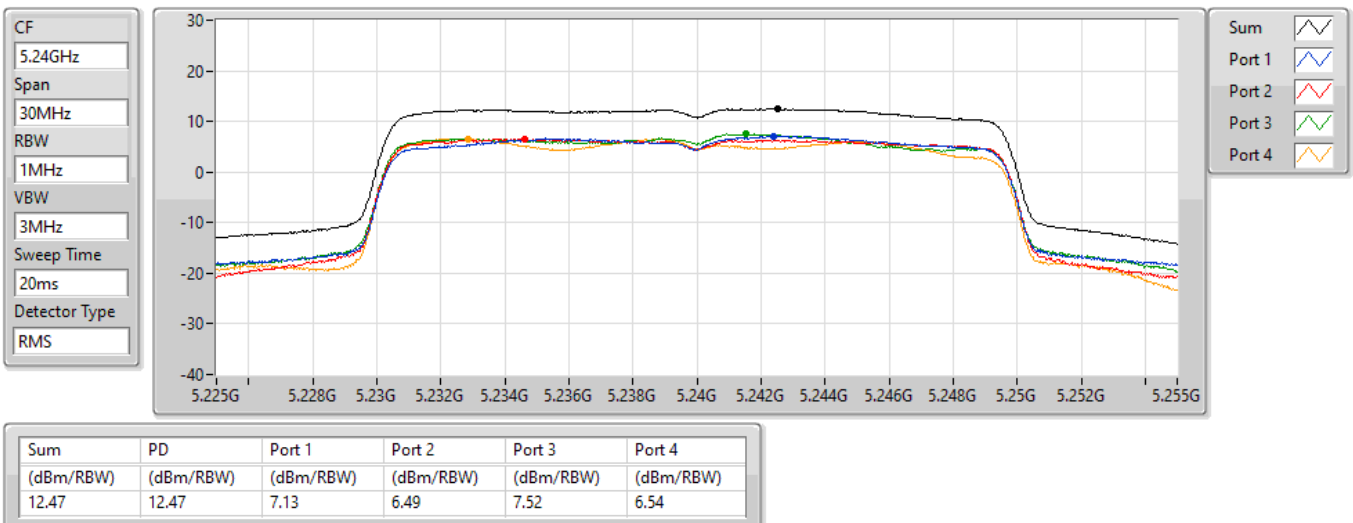


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5240MHz

08/01/2022

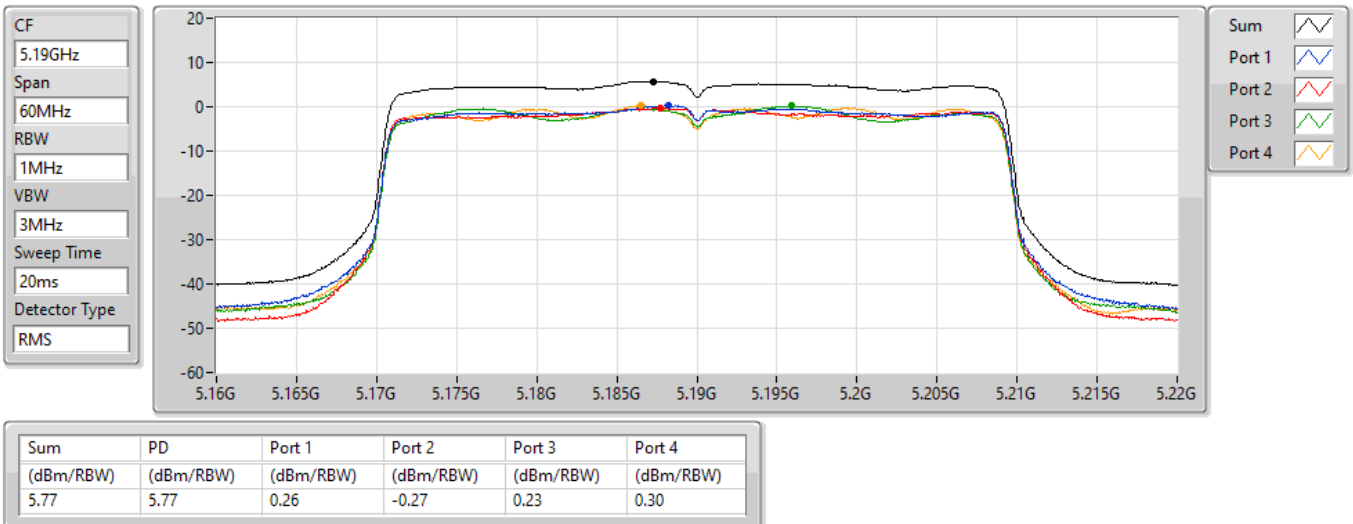


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5190MHz

08/01/2022

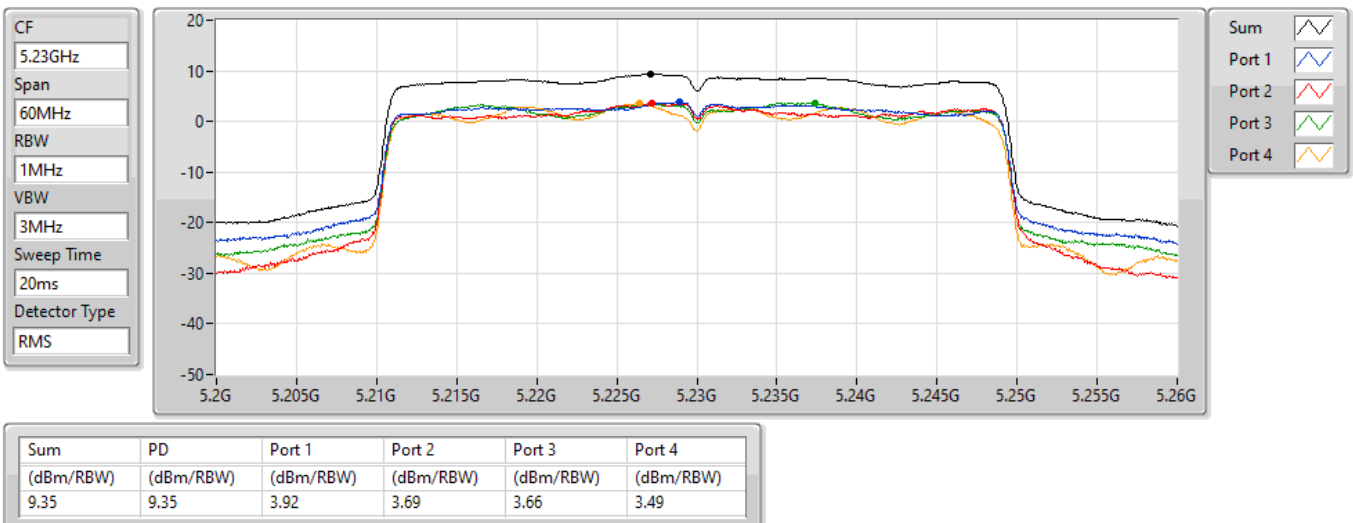


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5230MHz

08/01/2022

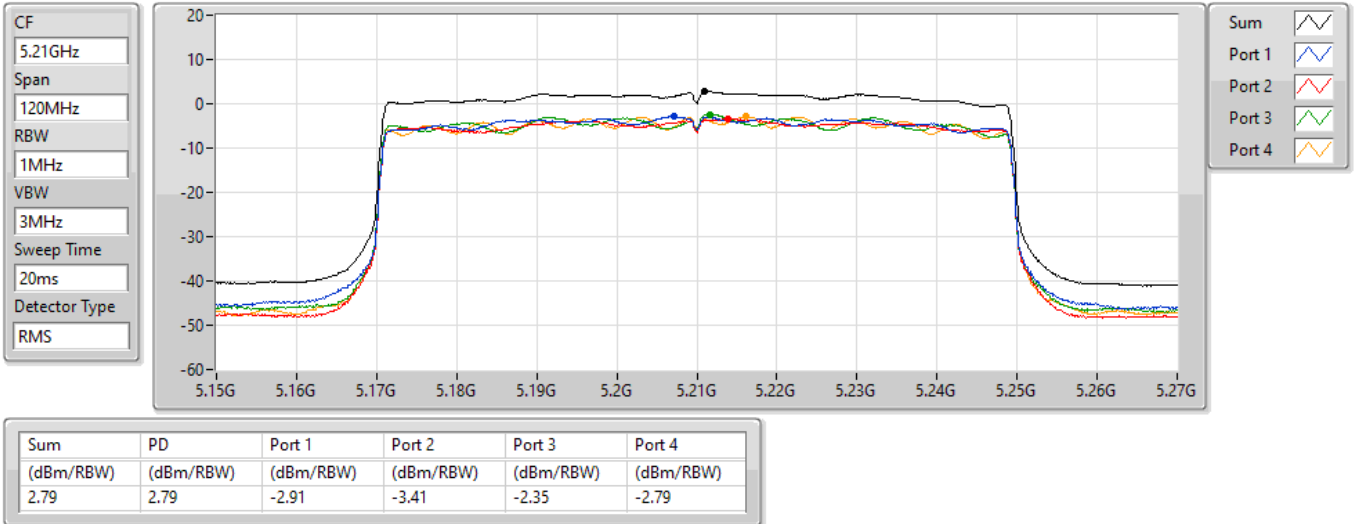


802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz

PSD

08/01/2022





Summary

Mode	PD (dBm/RBW)
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	13.15
802.11ax HEW20_Nss1,(MCS0)_4TX	12.34
802.11ax HEW40_Nss1,(MCS0)_4TX	7.72
802.11ax HEW80_Nss1,(MCS0)_4TX	0.99

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

Result

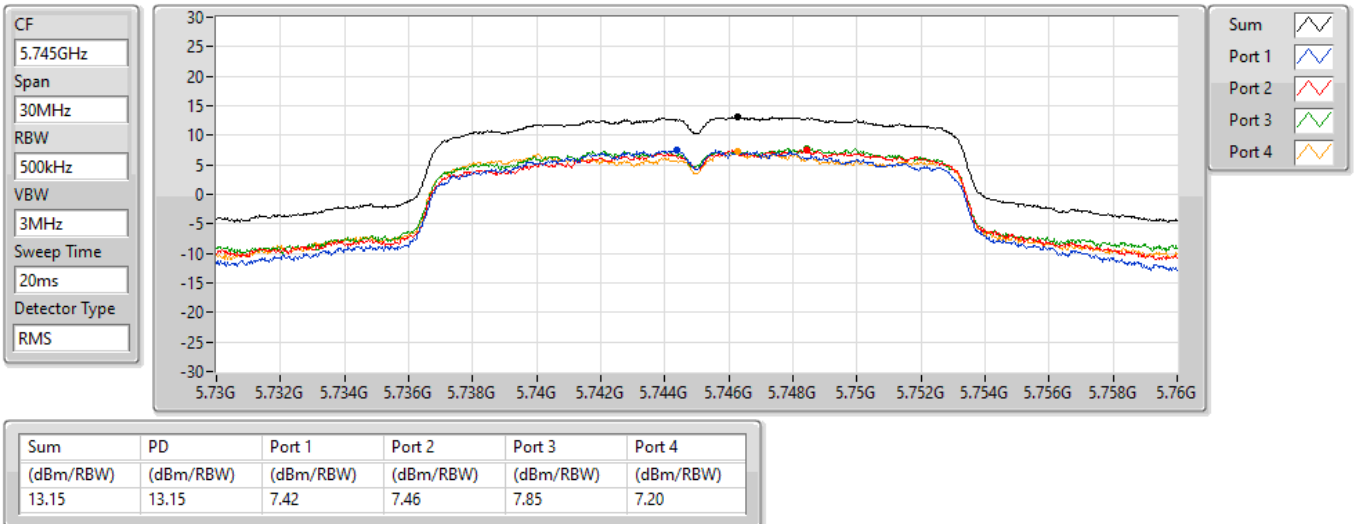
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5745MHz	Pass	8.15	7.42	7.46	7.85	7.20	13.15	27.85
5785MHz	Pass	8.15	7.52	6.61	7.22	5.94	12.05	27.85
5825MHz	Pass	8.15	5.90	6.70	6.10	5.52	11.69	27.85
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5745MHz	Pass	8.15	6.70	6.41	7.49	6.25	12.34	27.85
5785MHz	Pass	8.15	6.55	5.97	6.07	5.09	11.72	27.85
5825MHz	Pass	8.15	5.27	5.44	5.96	4.98	10.87	27.85
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5755MHz	Pass	8.15	1.95	0.38	1.70	1.17	7.03	27.85
5795MHz	Pass	8.15	2.87	0.98	2.30	1.69	7.72	27.85
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5775MHz	Pass	8.15	-4.00	-5.51	-4.59	-4.73	0.99	27.85

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;

802.11a_Nss1,(6Mbps)_4TX

5745MHz

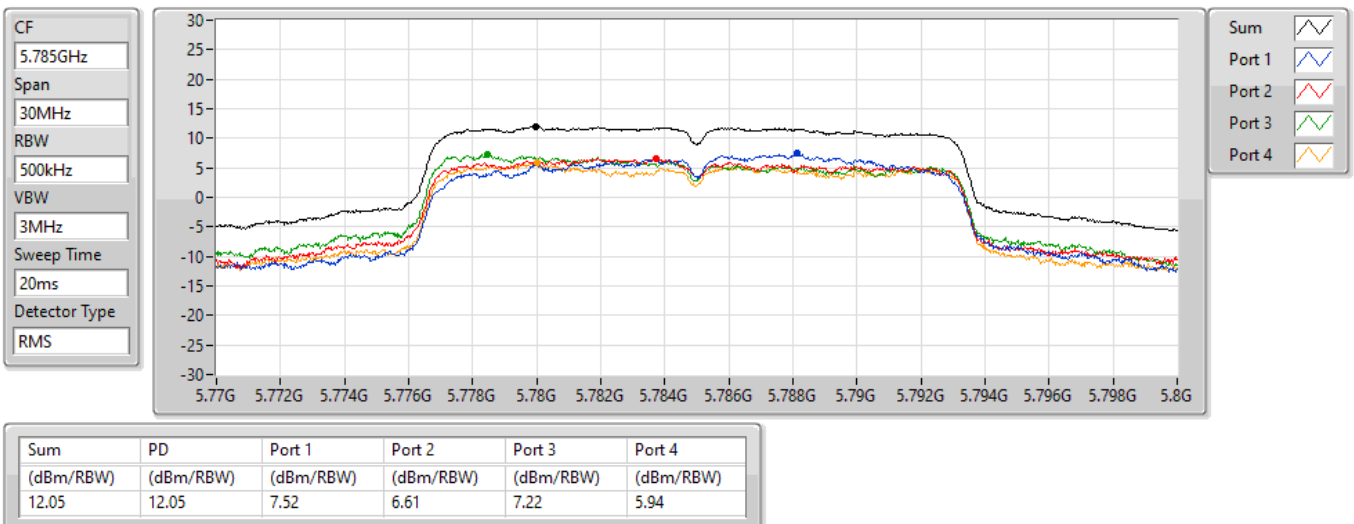
08/01/2022



802.11a_Nss1,(6Mbps)_4TX

5785MHz

08/01/2022

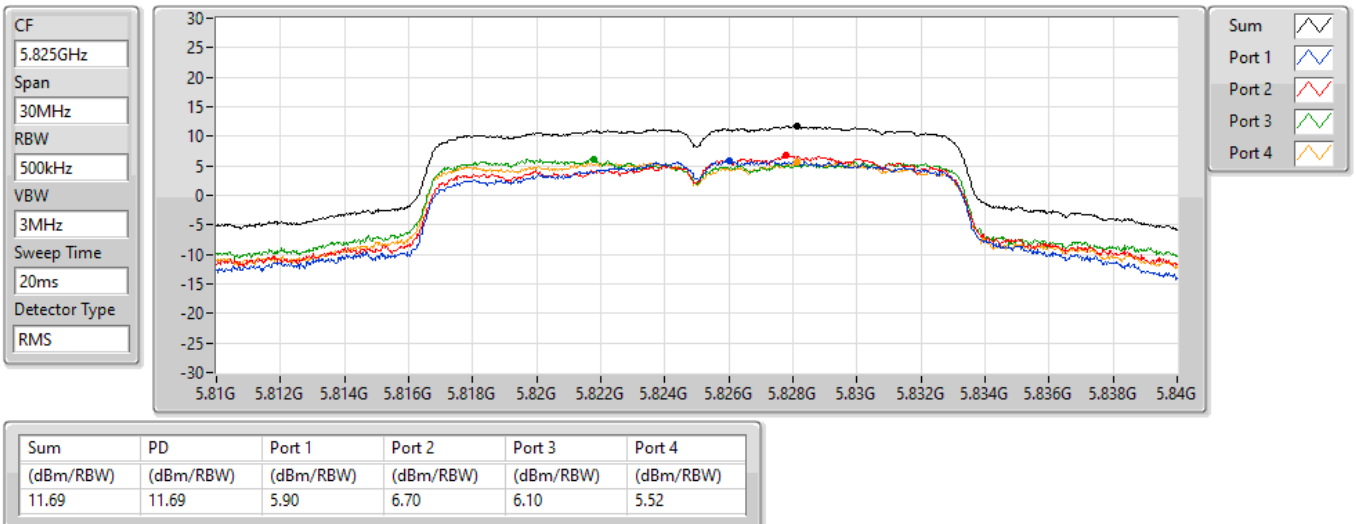


802.11a_Nss1,(6Mbps)_4TX

PSD

5825MHz

08/01/2022

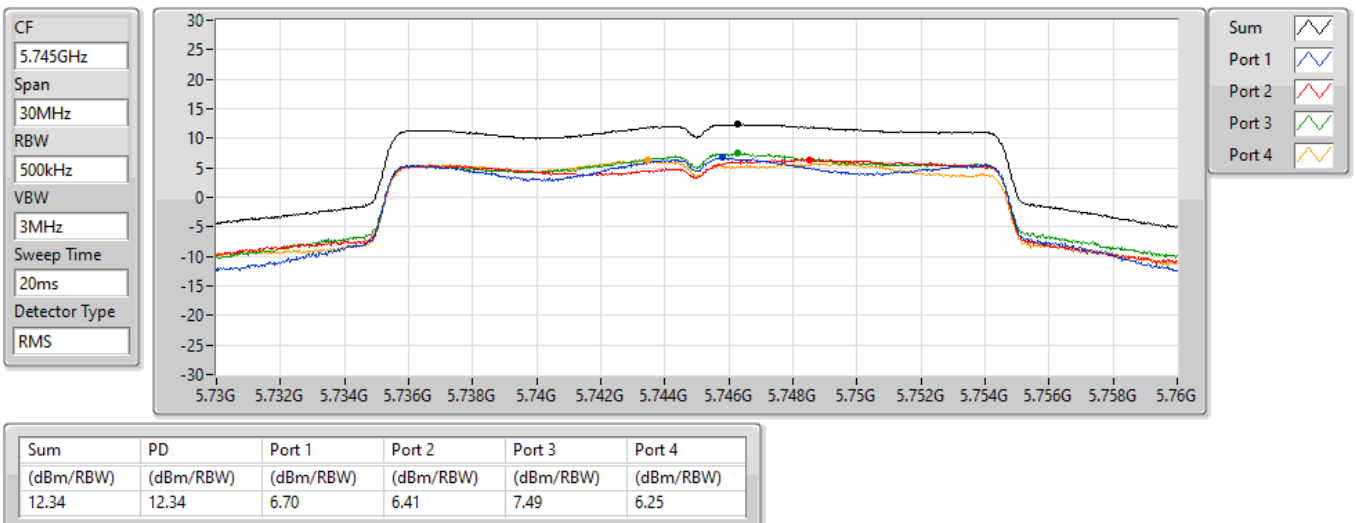


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5745MHz

08/01/2022

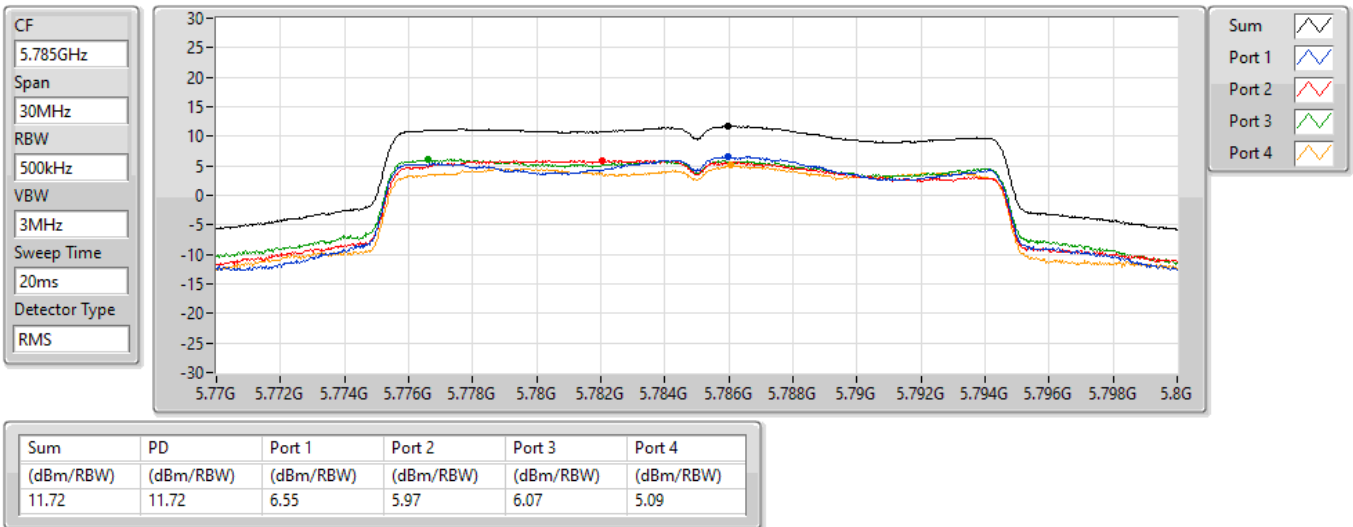


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5785MHz

08/01/2022

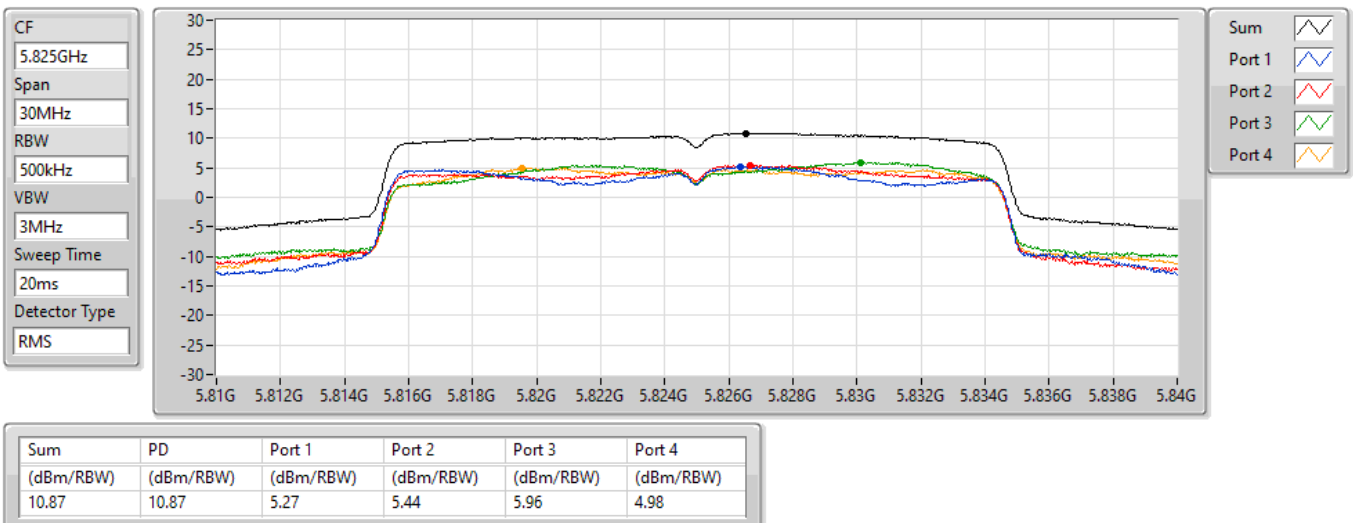


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5825MHz

08/01/2022

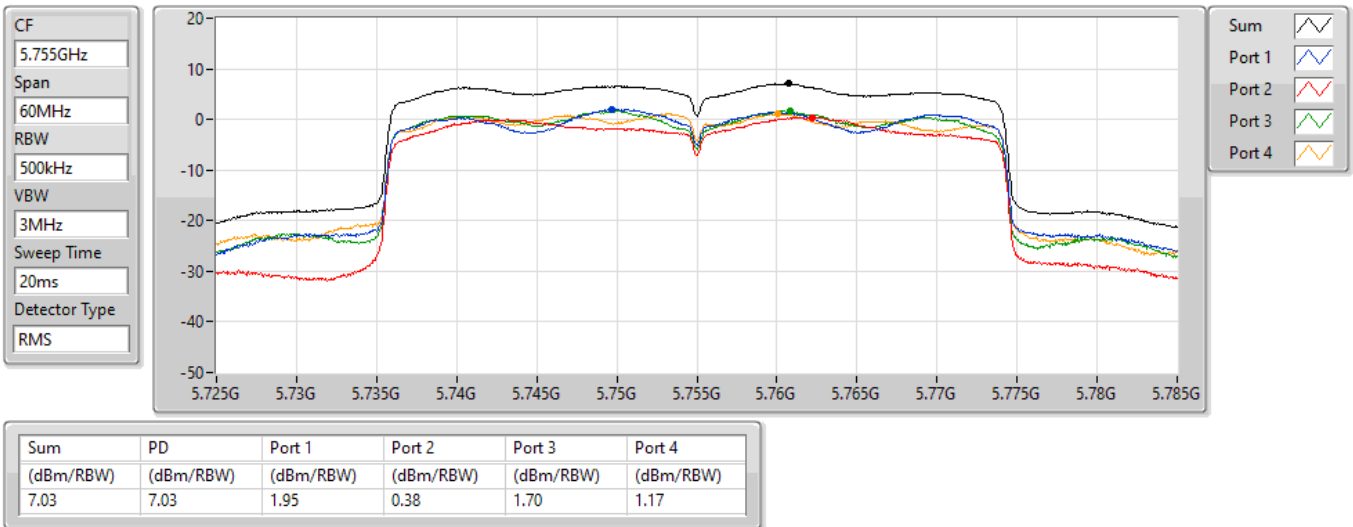


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5755MHz

08/01/2022

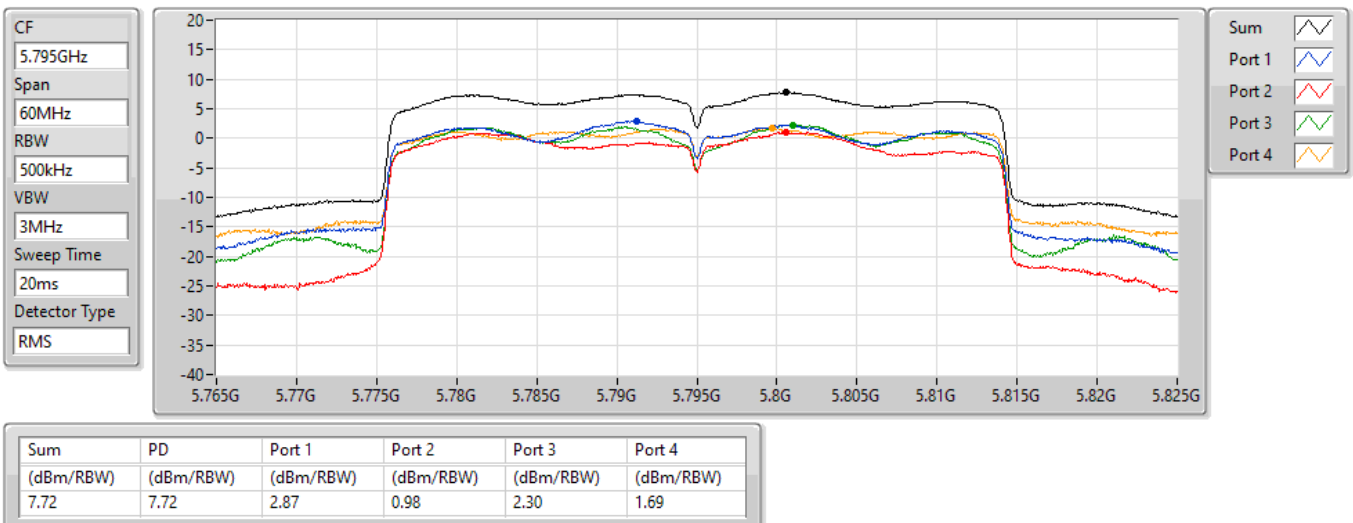


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5795MHz

08/01/2022

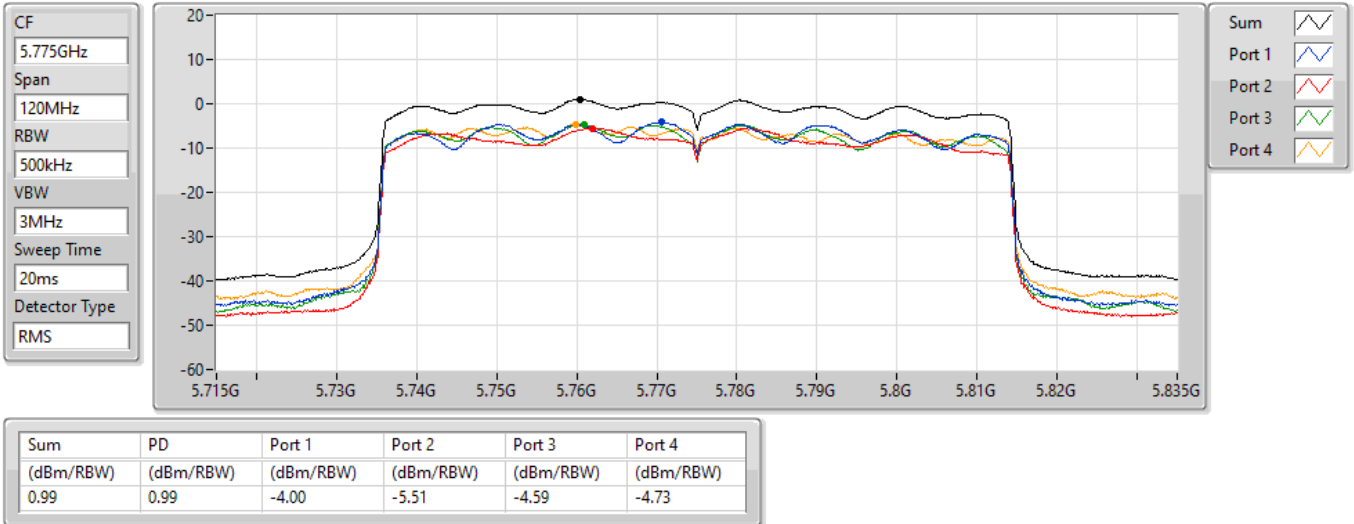


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5775MHz

08/01/2022



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	16.15	22.99
802.11ax HEW20_Nss1,(MCS0)_4TX	15.21	22.05
802.11ax HEW40_Nss1,(MCS0)_4TX	12.13	18.97
802.11ax HEW80_Nss1,(MCS0)_4TX	2.48	9.32
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	15.41	21.11
802.11ax HEW20_Nss1,(MCS0)_4TX	14.78	20.48
802.11ax HEW40_Nss1,(MCS0)_4TX	12.09	17.79
802.11ax HEW80_Nss1,(MCS0)_4TX	7.09	12.79

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)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.84	6.69	6.29	6.61	6.87	12.49	16.16	19.33	23.00
5200MHz	Pass	6.84	10.79	9.92	10.03	10.63	16.15	16.16	22.99	23.00
5240MHz	Pass	6.84	9.87	9.16	9.70	10.14	15.62	16.16	22.46	23.00
5745MHz	Pass	5.70	9.46	8.63	9.54	9.17	15.12	30.00	20.82	36.00
5785MHz	Pass	5.70	9.78	9.24	9.42	9.18	15.41	30.00	21.11	36.00
5825MHz	Pass	5.70	9.83	8.45	9.30	9.19	15.06	30.00	20.76	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.84	6.19	5.81	5.74	6.02	11.81	16.16	18.65	23.00
5200MHz	Pass	6.84	9.48	9.21	9.08	9.47	15.21	16.16	22.05	23.00
5240MHz	Pass	6.84	9.47	9.07	8.97	9.02	15.07	16.16	21.91	23.00
5745MHz	Pass	5.70	8.59	8.26	8.90	8.95	14.63	30.00	20.33	36.00
5785MHz	Pass	5.70	9.22	8.86	8.72	8.89	14.78	30.00	20.48	36.00
5825MHz	Pass	5.70	9.02	8.40	8.73	8.86	14.67	30.00	20.37	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	6.84	1.98	1.49	2.51	3.06	8.19	16.16	15.03	23.00
5230MHz	Pass	6.84	6.24	5.82	6.29	6.90	12.13	16.16	18.97	23.00
5755MHz	Pass	5.70	6.29	5.43	6.42	5.90	11.95	30.00	17.65	36.00
5795MHz	Pass	5.70	6.65	5.39	6.43	6.08	12.09	30.00	17.79	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.84	-3.44	-3.56	-3.37	-2.59	2.48	16.16	9.32	23.00
5775MHz	Pass	5.70	1.38	0.62	1.59	0.90	7.09	30.00	12.79	36.00

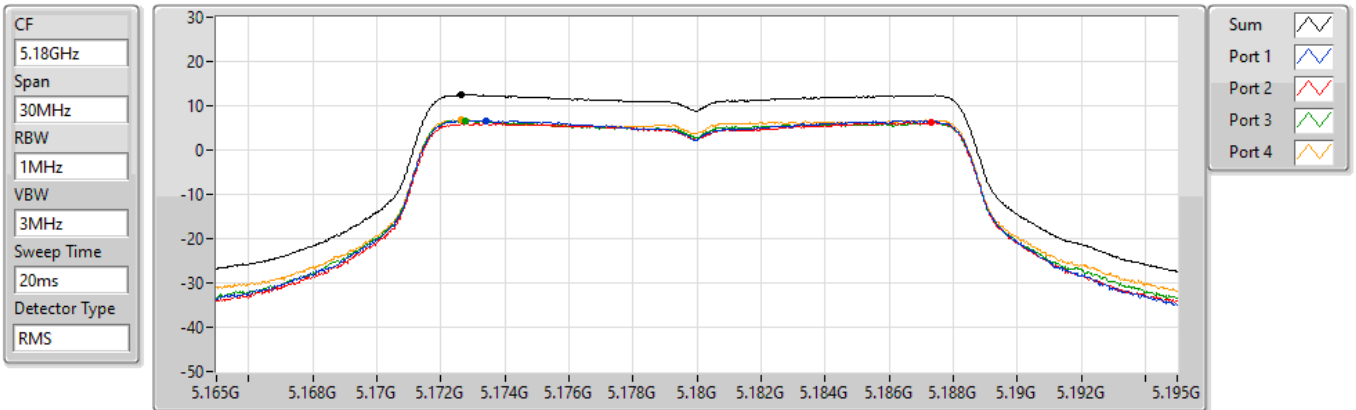
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5180MHz

11/01/2022

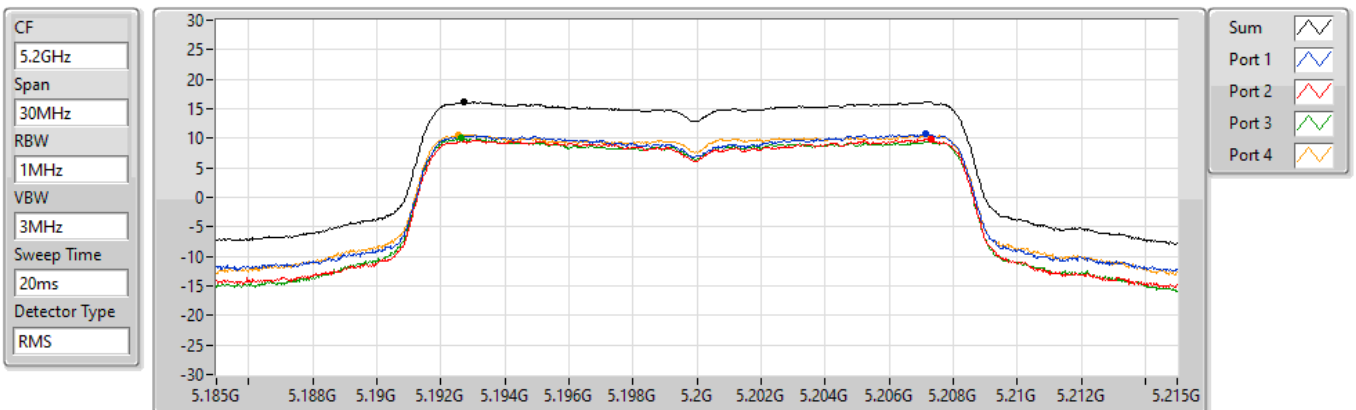


802.11a_Nss1,(6Mbps)_4TX

PSD

5200MHz

11/01/2022

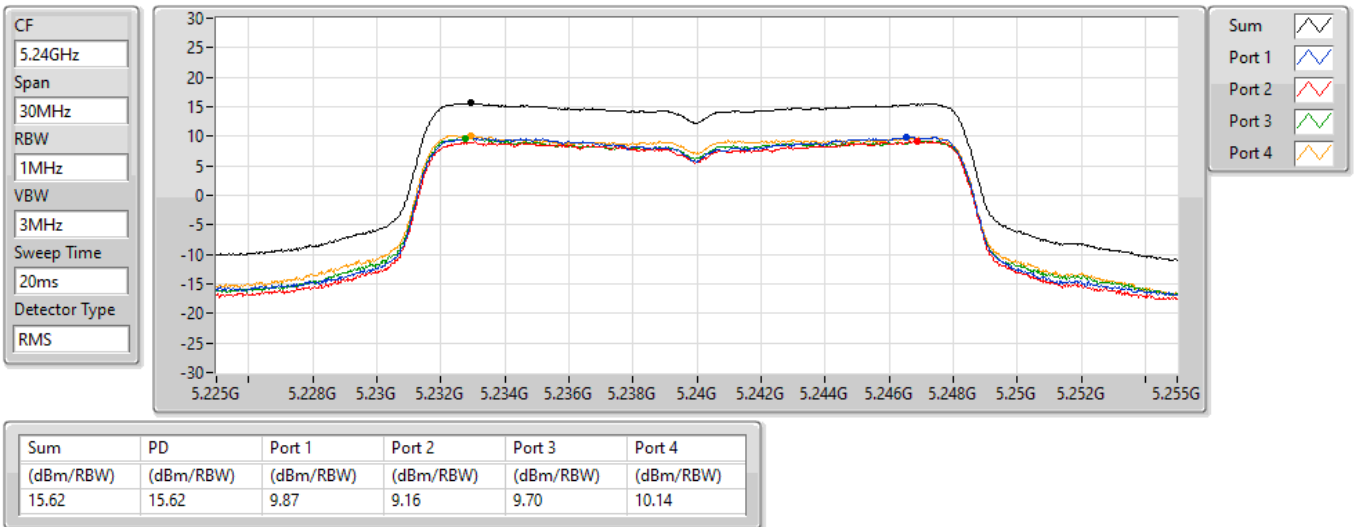


802.11a_Nss1,(6Mbps)_4TX

PSD

5240MHz

11/01/2022

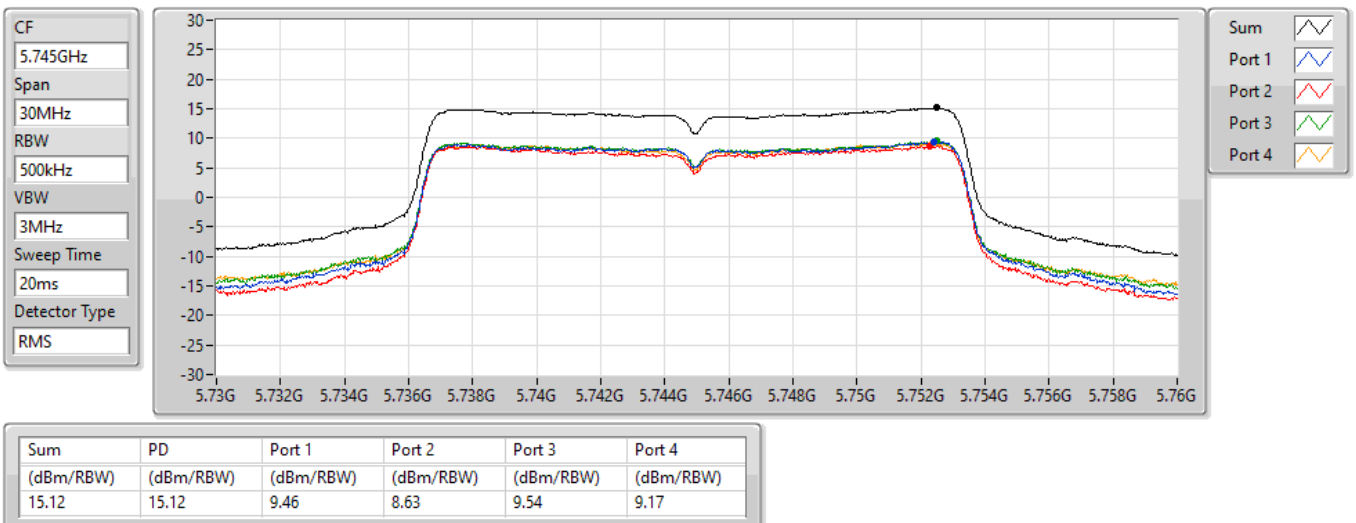


802.11a_Nss1,(6Mbps)_4TX

PSD

5745MHz

11/01/2022

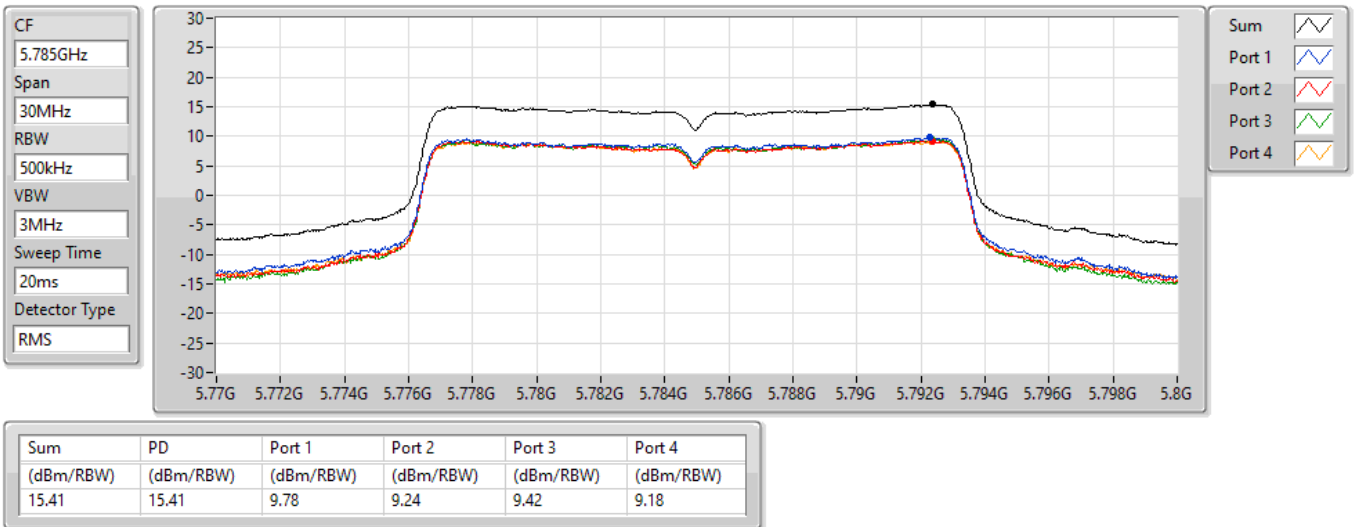


802.11a_Nss1,(6Mbps)_4TX

PSD

5785MHz

11/01/2022

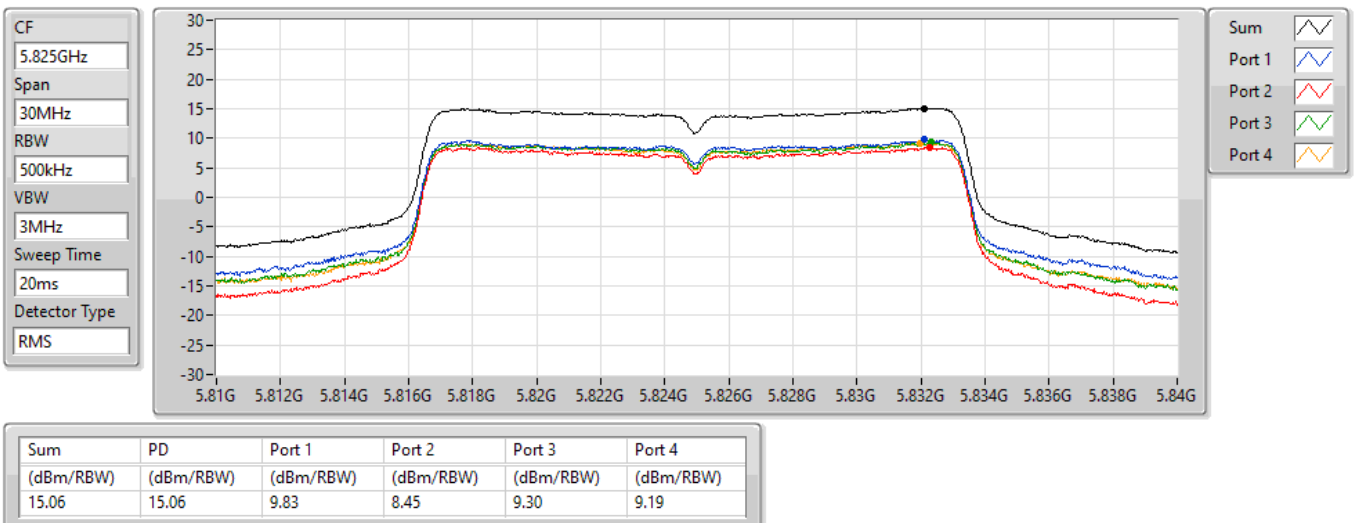


802.11a_Nss1,(6Mbps)_4TX

PSD

5825MHz

11/01/2022

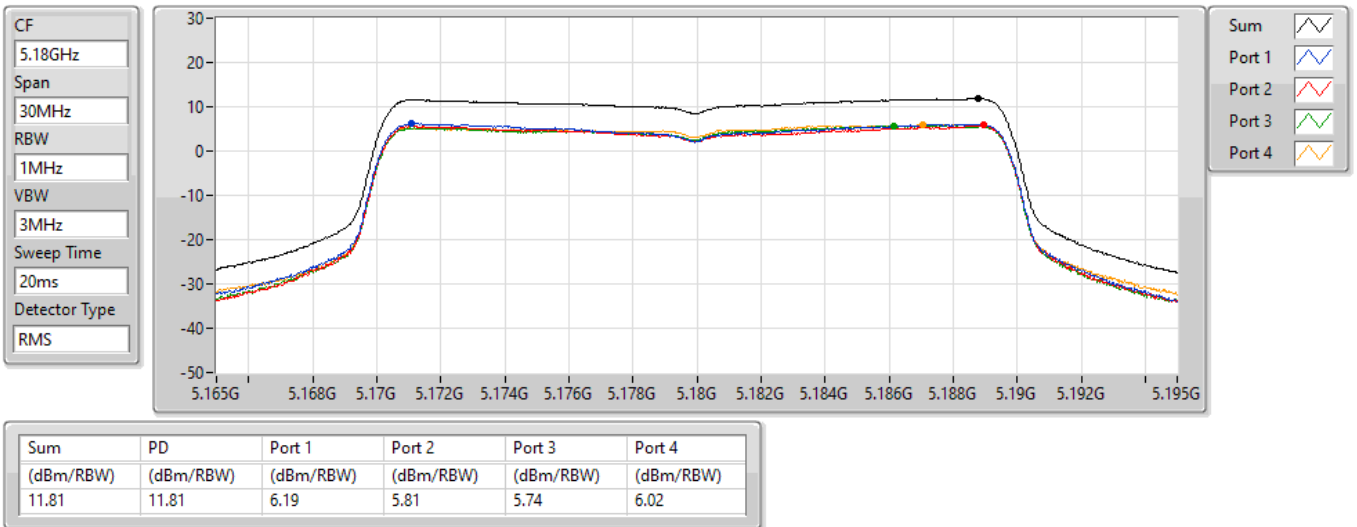


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5180MHz

11/01/2022

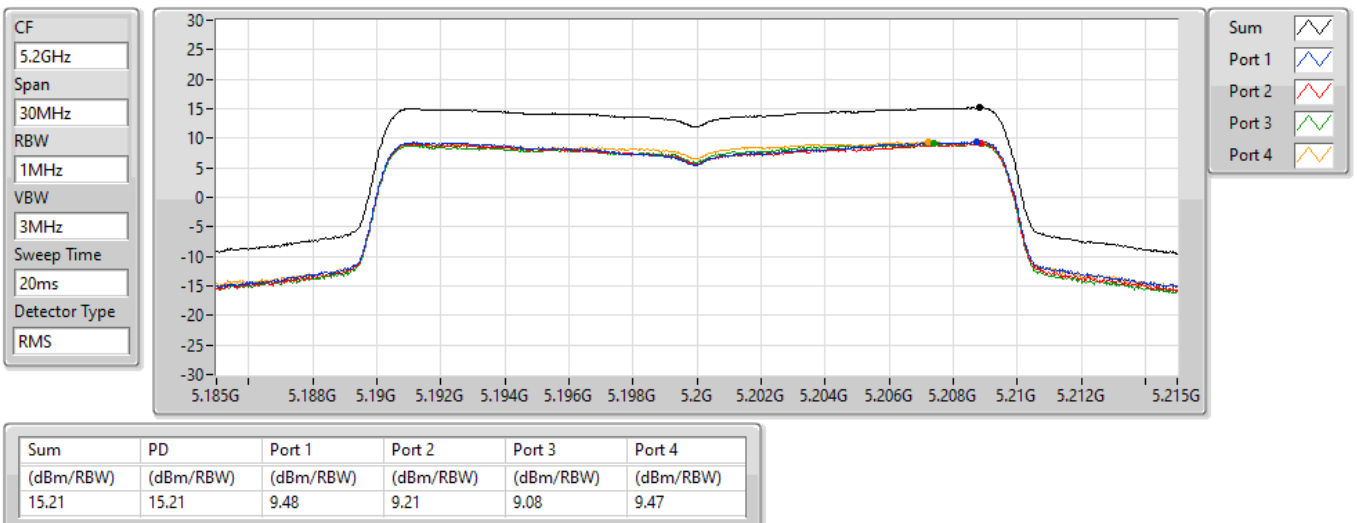


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5200MHz

11/01/2022

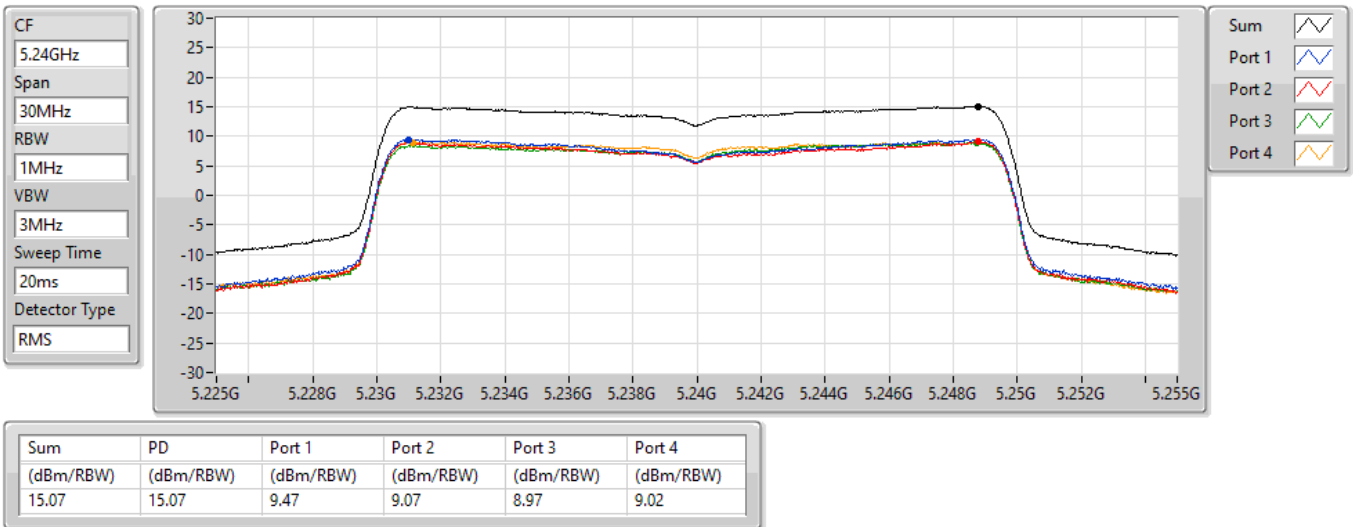


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5240MHz

11/01/2022

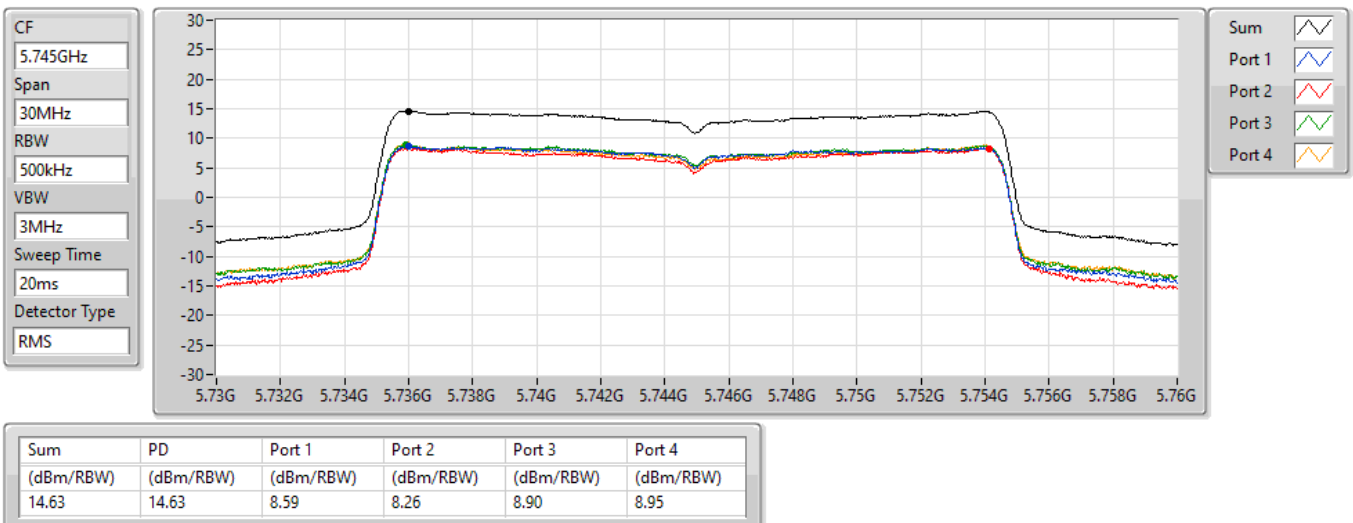


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5745MHz

11/01/2022

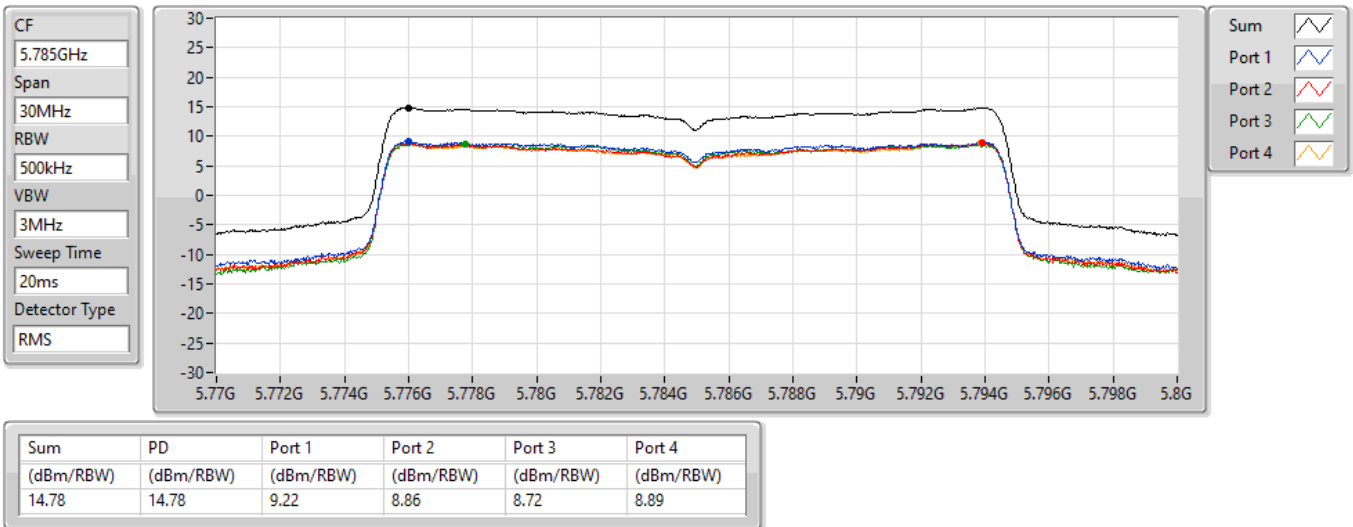


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5785MHz

11/01/2022

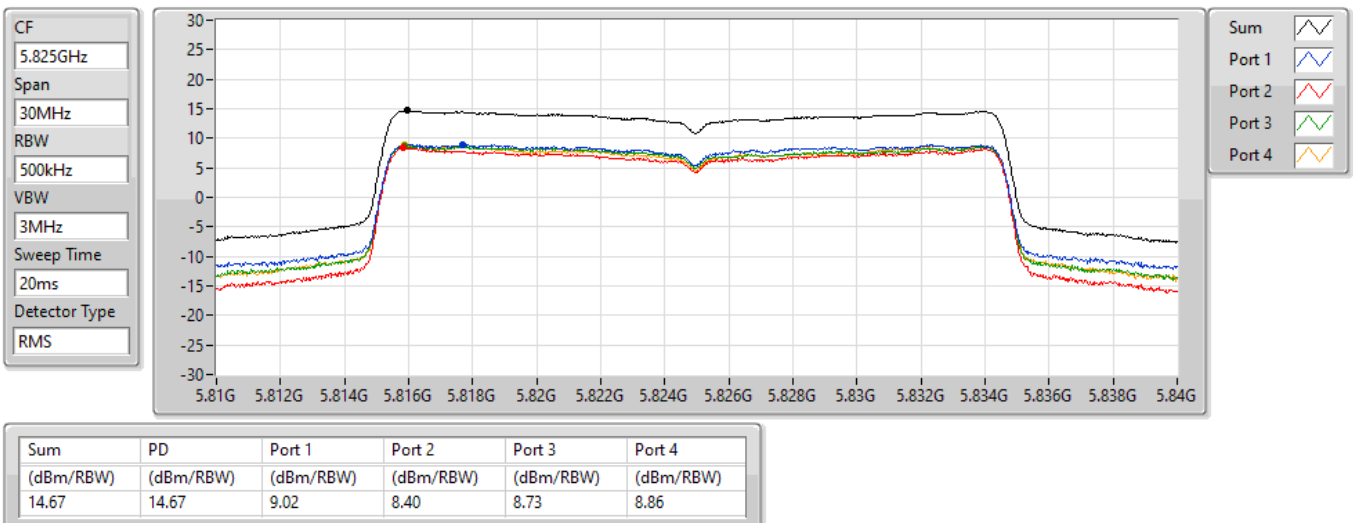


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5825MHz

11/01/2022

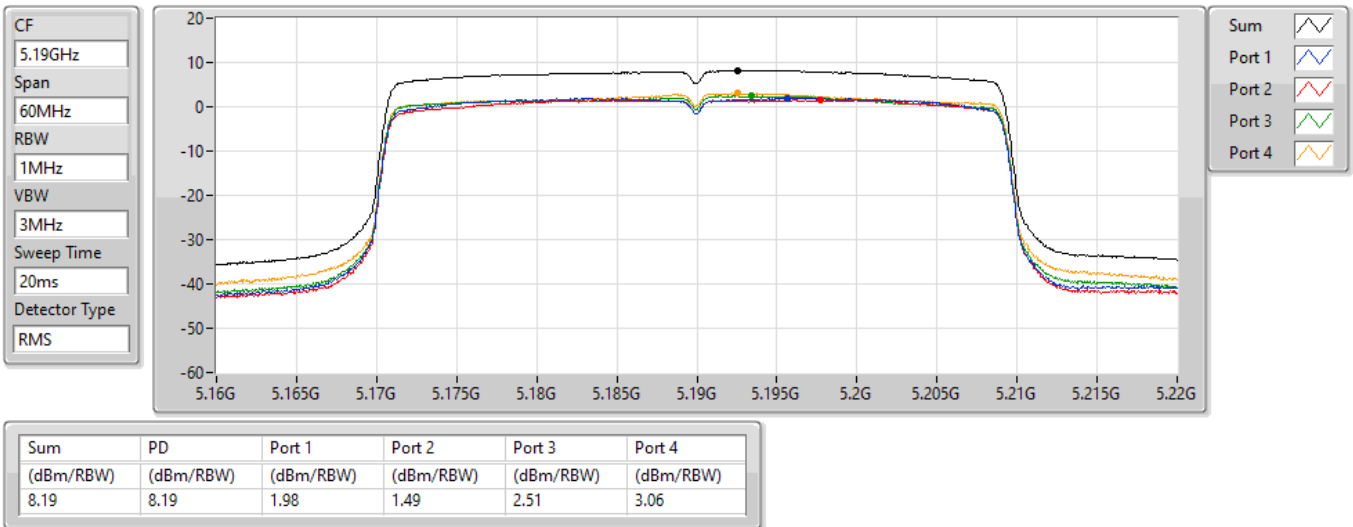


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5190MHz

11/01/2022

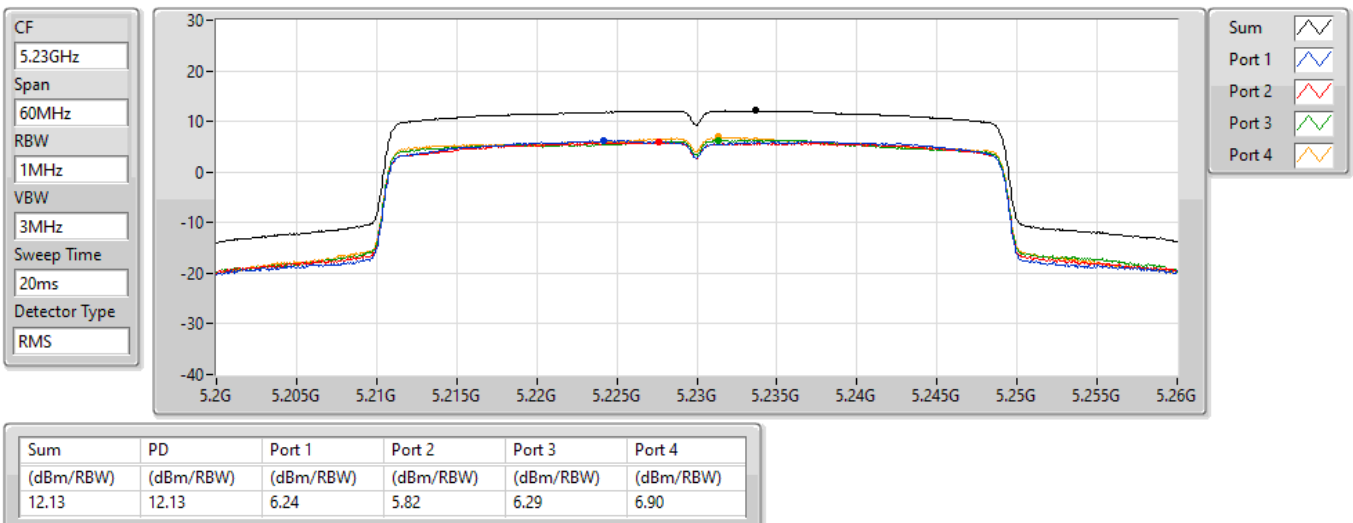


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5230MHz

11/01/2022

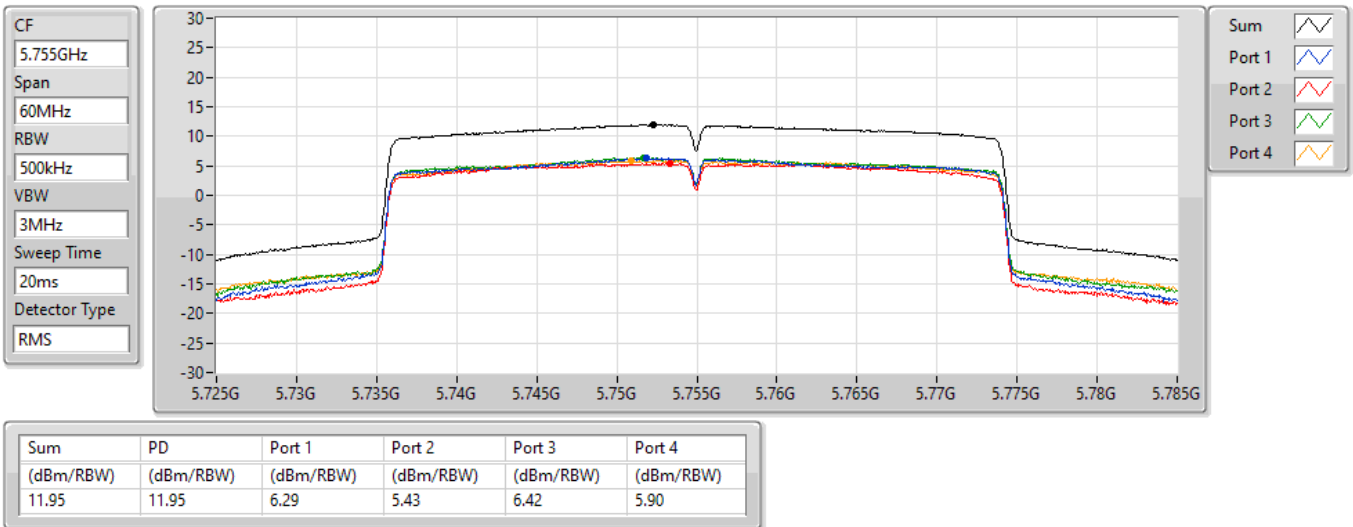


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5755MHz

11/01/2022

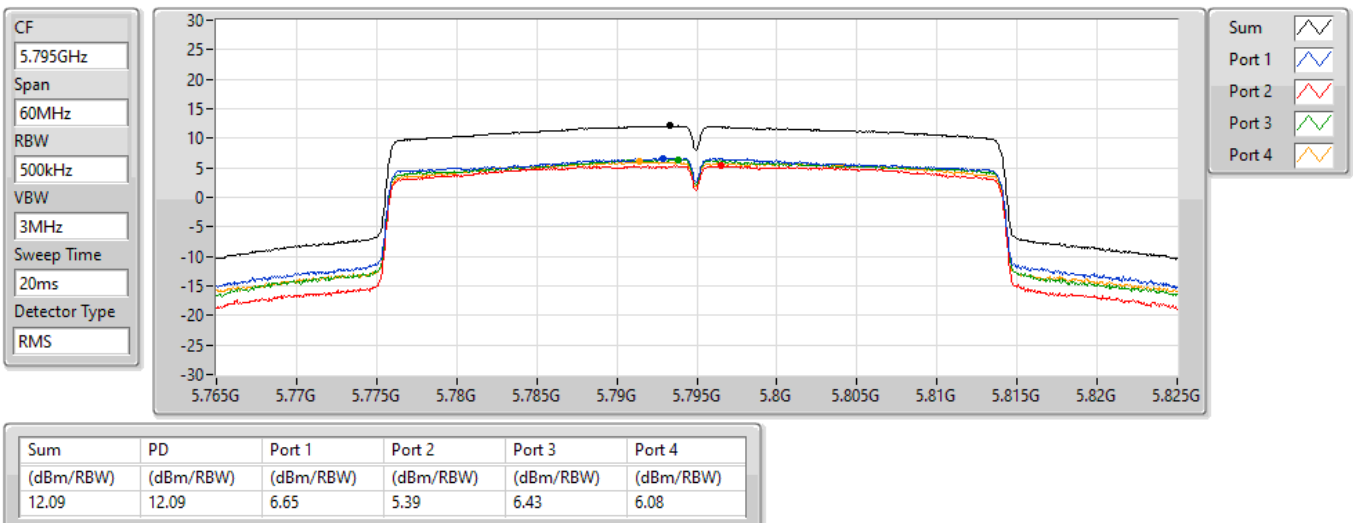


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5795MHz

11/01/2022

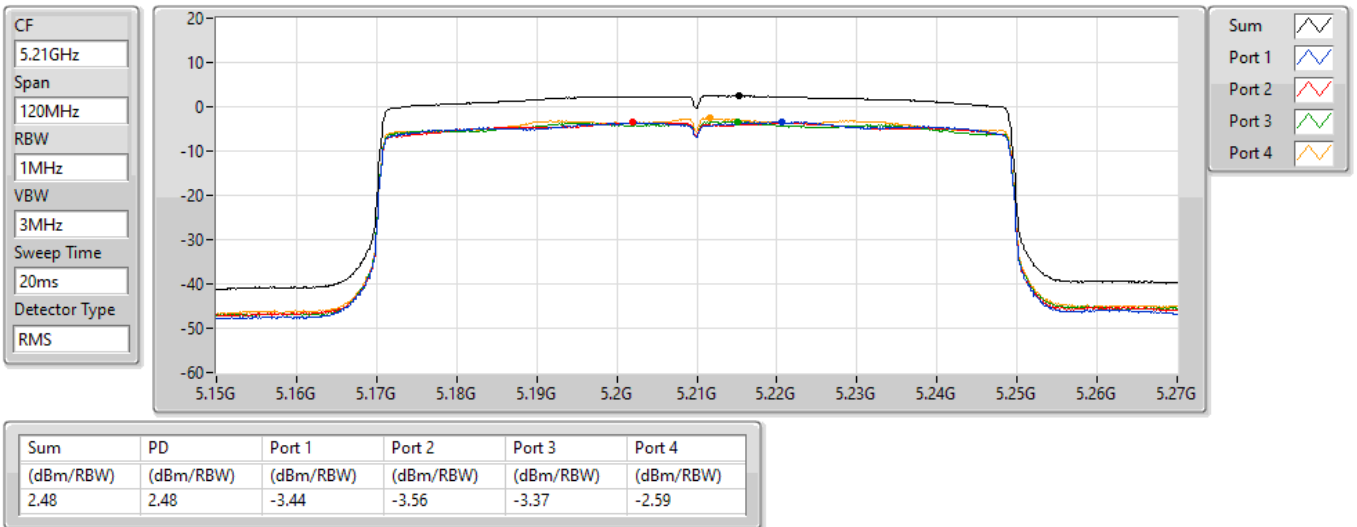


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5210MHz

11/01/2022

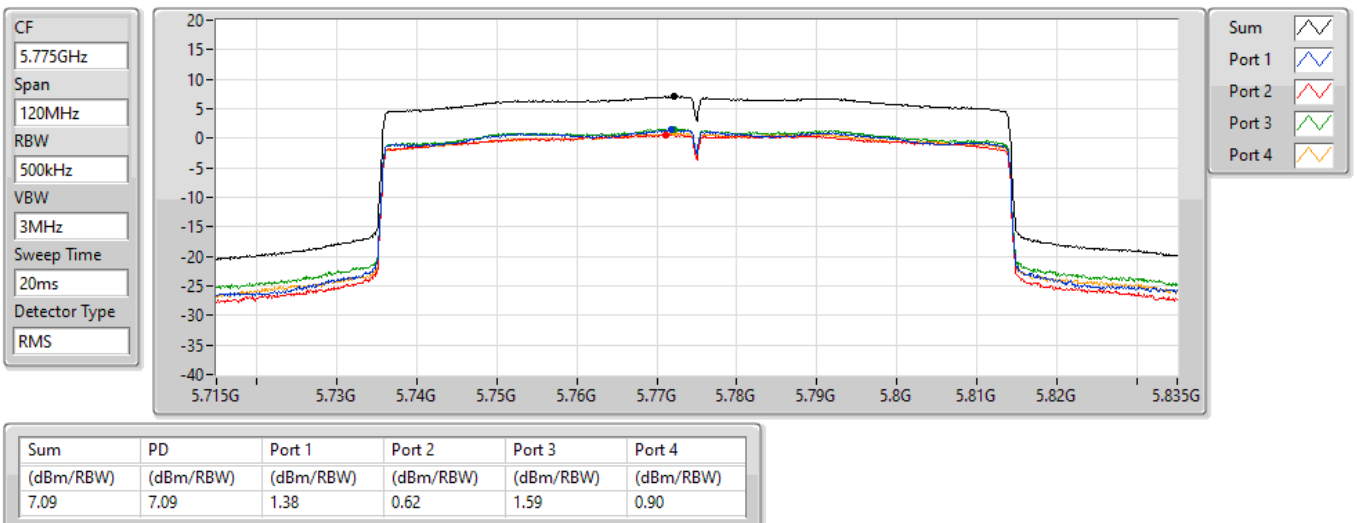


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5775MHz

11/01/2022





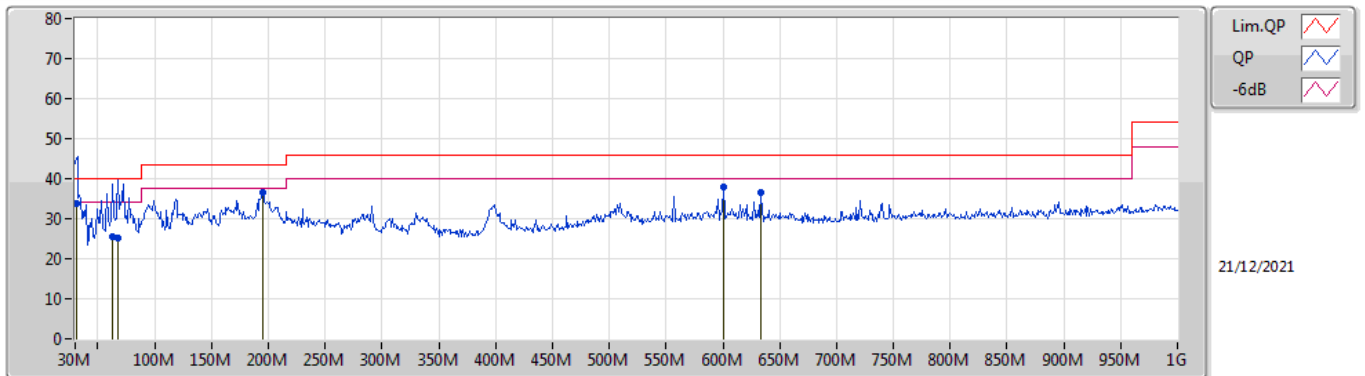
Radiated Emissions below 1GHz

Appendix E.1

Summary

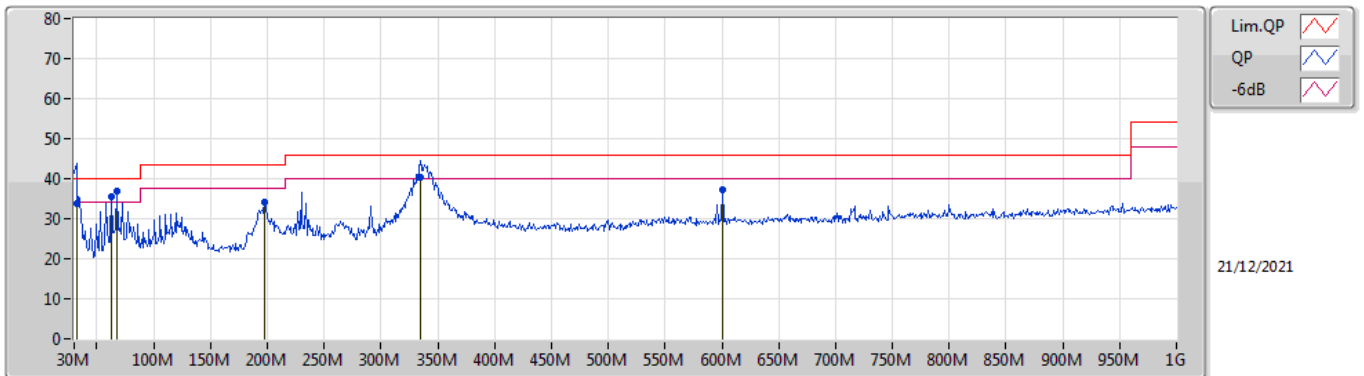
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	PK	67.83M	36.84	40.00	-3.16	Horizontal

Mode 2



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	30.90M	33.65	40.00	-6.35	-3.85	3	Vertical	252	2.00	"Worst"	37.50	23.42	1.22	28.49
QP	62.98M	25.46	40.00	-14.54	-15.04	3	Vertical	236	1.00	-	40.50	12.00	1.44	28.48
QP	67.83M	25.20	40.00	-14.80	-15.10	3	Vertical	360	1.00	-	40.30	11.98	1.40	28.48
PK	194.9M	36.43	43.50	-7.07	-11.19	3	Vertical	202	2.00	-	47.62	14.83	2.00	28.02
PK	600.36M	37.87	46.00	-8.13	-2.11	3	Vertical	3	1.25	-	39.98	24.01	3.20	29.32
PK	633.34M	36.55	46.00	-9.45	-1.54	3	Vertical	5	1.25	-	38.09	24.47	3.33	29.34

Mode 2



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	31.94M	33.93	40.00	-6.07	-4.27	3	Horizontal	210	2.00	-	38.20	22.98	1.24	28.49
PK	62.98M	35.62	40.00	-4.38	-15.04	3	Horizontal	345	3.00	-	50.66	12.00	1.44	28.48
PK	67.83M	36.84	40.00	-3.16	-15.10	3	Horizontal	61	3.00	"Worst"	51.94	11.98	1.40	28.48
PK	197.81M	34.09	43.50	-9.41	-11.08	3	Horizontal	281	2.00	-	45.17	14.92	2.00	28.00
QP	334.58M	40.51	46.00	-5.49	-6.09	3	Horizontal	0	1.00	-	46.60	19.43	2.50	28.02
PK	600.36M	37.27	46.00	-8.73	-2.11	3	Horizontal	225	1.25	-	39.38	24.01	3.20	29.32

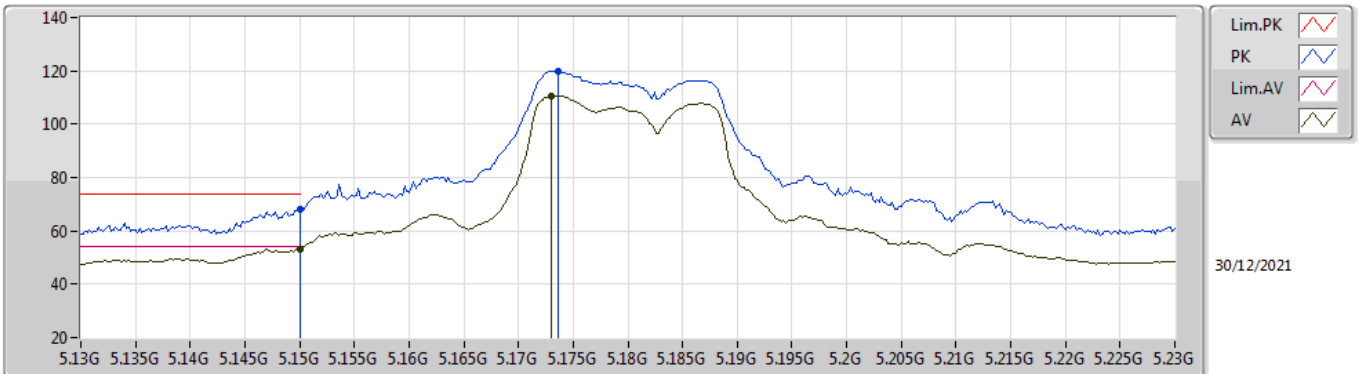


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_8TX	Pass	PK	5.641G	68.13	68.20	-0.07	3	Horizontal	331	1.80	-

802.11a_Nss1,(6Mbps)_8TX

5180MHz_TnomVnom

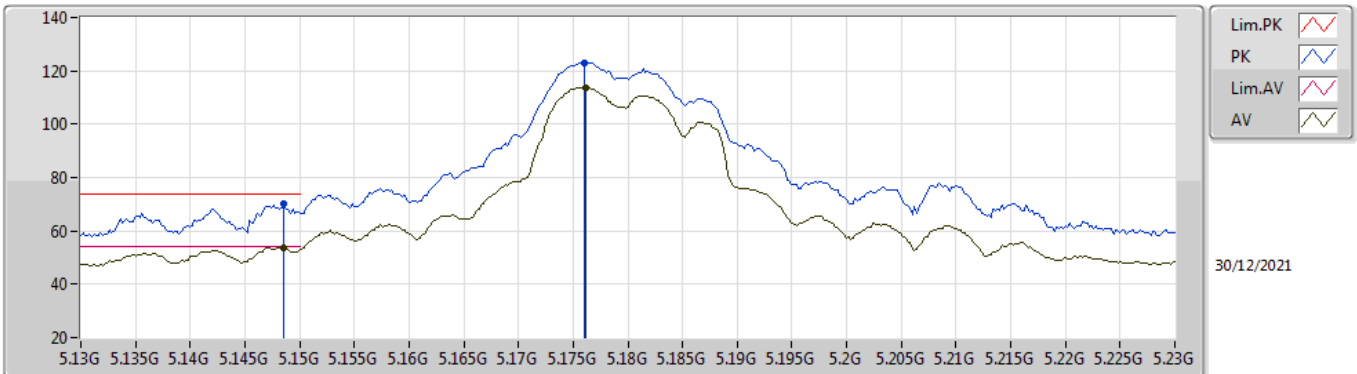


EUT_X_8TX
Setting 17.5
01-A-B-4-10

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	5.15G	68.07	74.00	-5.93	61.94	3	Vertical	305	1.80	-	32.70	6.37	32.94	
AV	5.15G	53.17	54.00	-0.83	47.04	3	Vertical	305	1.80	-	32.70	6.37	32.94	
PK	5.1736G	120.08	Inf	-Inf	113.93	3	Vertical	305	1.80	-	32.70	6.39	32.94	
AV	5.173G	110.74	Inf	-Inf	104.59	3	Vertical	305	1.80	-	32.70	6.39	32.94	

802.11a_Nss1,(6Mbps)_8TX

5180MHz_TnomVnom

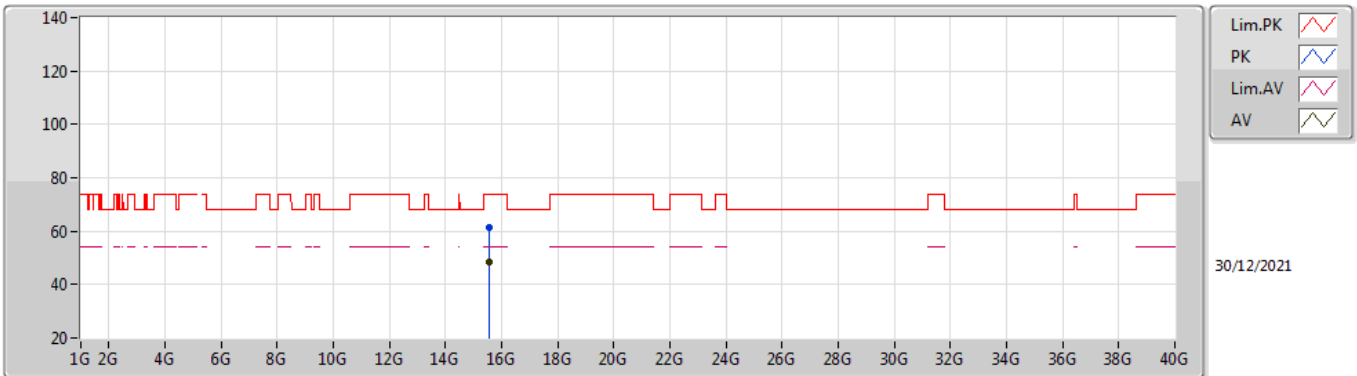


EUT X_8TX
Setting 17.5
01-A-B-4-10

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	5.1486G	70.09	74.00	-3.91	63.96	3	Horizontal	322	2.13	-	32.70	6.37	32.94	
AV	5.1486G	53.62	54.00	-0.38	47.49	3	Horizontal	322	2.13	-	32.70	6.37	32.94	
PK	5.176G	123.17	Inf	-Inf	117.02	3	Horizontal	322	2.13	-	32.70	6.39	32.94	
AV	5.1762G	113.69	Inf	-Inf	107.54	3	Horizontal	322	2.13	-	32.70	6.39	32.94	

802.11a_Nss1,(6Mbps)_8TX

5180MHz_TnomVnom

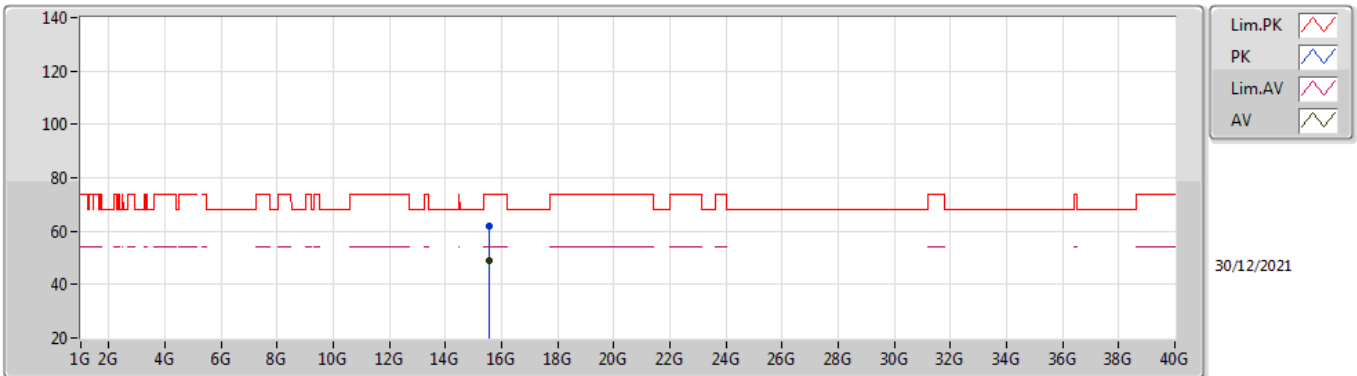


EUT X_8TX
Setting 17.5
01-A-B-4

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	15.53904G	61.62	74.00	-12.38	46.03	3	Vertical	344	1.80	-	38.04	10.36	32.81	
AV	15.54018G	48.58	54.00	-5.42	32.99	3	Vertical	344	1.80	-	38.04	10.36	32.81	

802.11a_Nss1,(6Mbps)_8TX

5180MHz_TnomVnom

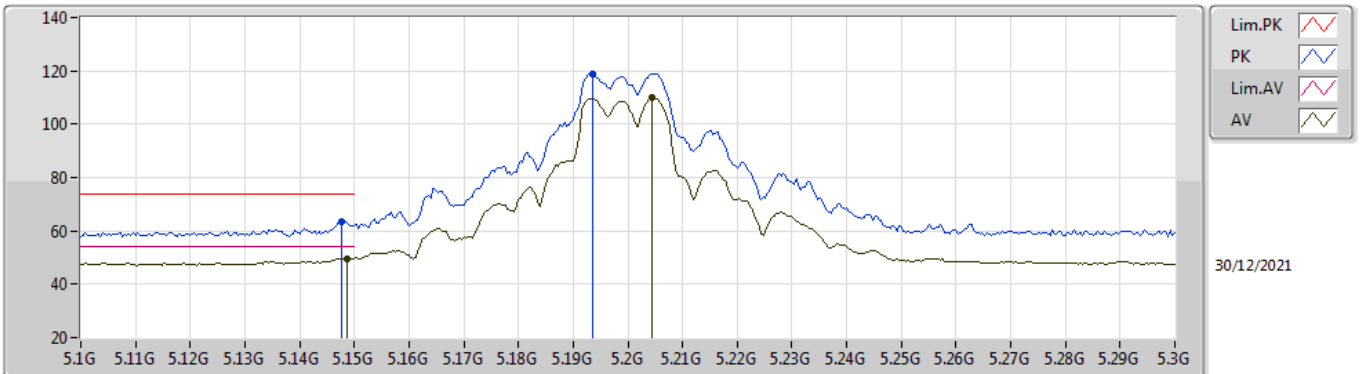


EUT X_8TX
Setting 17.5
01-A-B-4

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	15.54228G	61.97	74.00	-12.03	46.39	3	Horizontal	55	1.87	-	38.03	10.36	32.81
AV	15.54186G	48.87	54.00	-5.13	33.29	3	Horizontal	55	1.87	-	38.03	10.36	32.81

802.11a_Nss1,(6Mbps)_8TX

5200MHz_TnomVnom

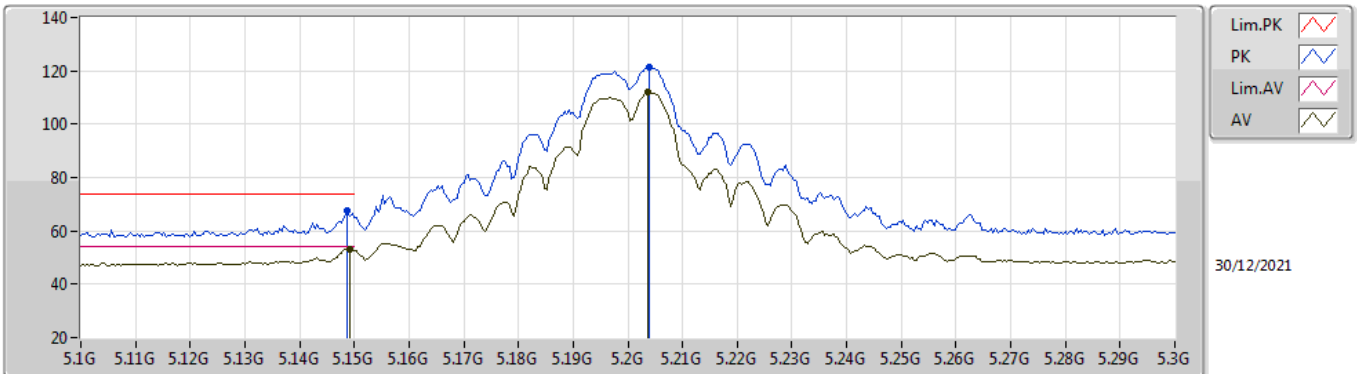


EUT X_8TX
Setting 20
01-A-B-4-10

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	5.1476G	63.61	74.00	-10.39	57.48	3	Vertical	298	2.00	-	32.70	6.37	32.94	
AV	5.1488G	49.73	54.00	-4.27	43.60	3	Vertical	298	2.00	-	32.70	6.37	32.94	
PK	5.1936G	119.03	Inf	-Inf	112.87	3	Vertical	298	2.00	-	32.70	6.40	32.94	
AV	5.2044G	109.75	Inf	-Inf	103.58	3	Vertical	298	2.00	-	32.71	6.40	32.94	

802.11a_Nss1,(6Mbps)_8TX

5200MHz_TnomVnom

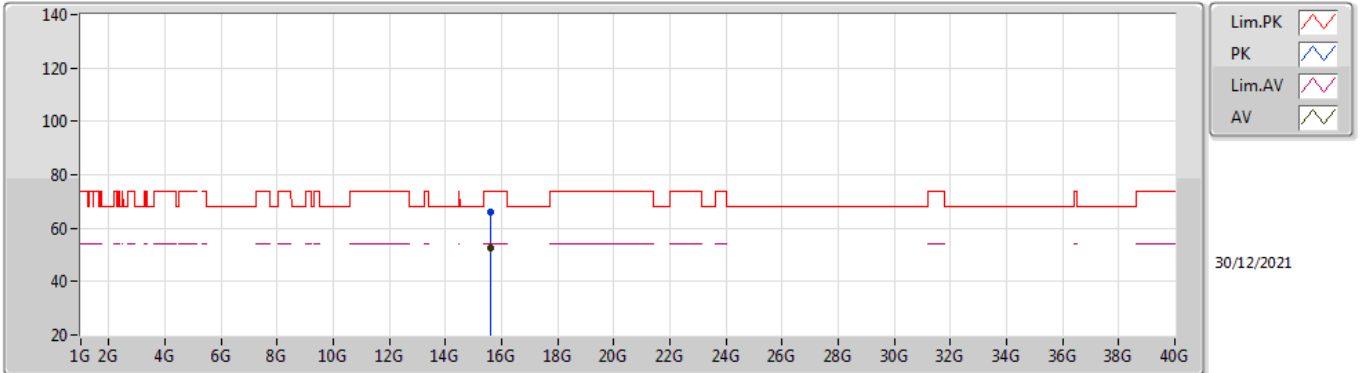


EUT_X_8TX
Setting 20
01-A-B-4-10

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	5.1488G	67.36	74.00	-6.64	61.23	3	Horizontal	334	1.24	-	32.70	6.37	32.94	
AV	5.1492G	53.21	54.00	-0.79	47.08	3	Horizontal	334	1.24	-	32.70	6.37	32.94	
PK	5.204G	121.13	Inf	-Inf	114.96	3	Horizontal	334	1.24	-	32.71	6.40	32.94	
AV	5.2036G	111.88	Inf	-Inf	105.71	3	Horizontal	334	1.24	-	32.71	6.40	32.94	

802.11a_Nss1,(6Mbps)_8TX

5200MHz_TnomVnom

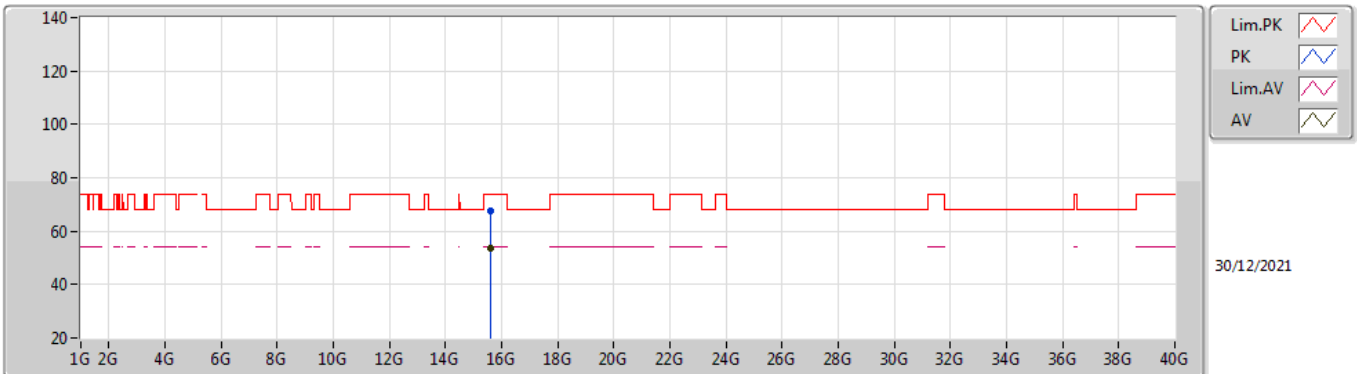


EUT X_8TX
Setting 20
01-A-B-4

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	15.60088G	66.28	74.00	-7.72	50.90	3	Vertical	10	2.20	-	37.80	10.38	32.80	
AV	15.60024G	52.69	54.00	-1.31	37.31	3	Vertical	10	2.20	-	37.80	10.38	32.80	

802.11a_Nss1,(6Mbps)_8TX

5200MHz_TnomVnom

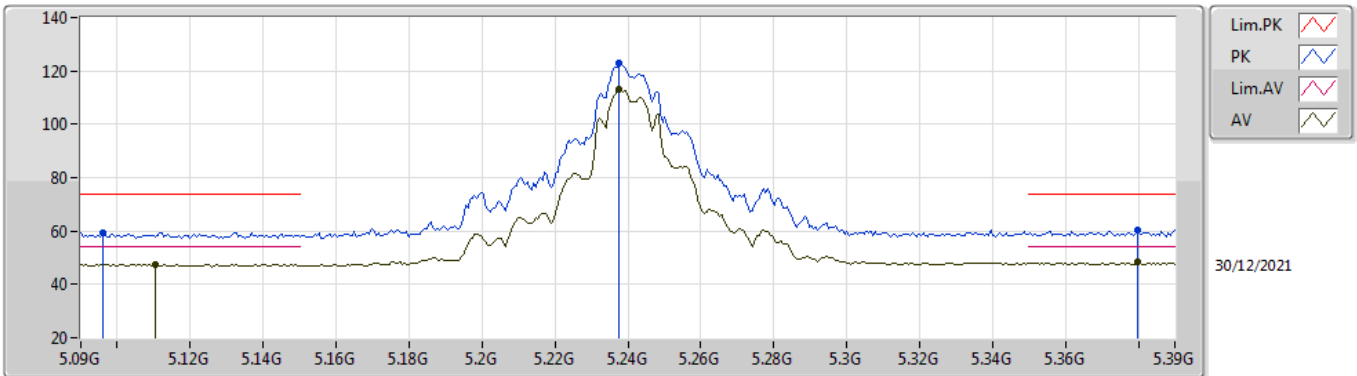


EUT X_8TX
Setting 20
01-A-B-4

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	15.60168G	67.69	74.00	-6.31	52.31	3	Horizontal	9	1.76	-	37.80	10.38	32.80
AV	15.60152G	53.65	54.00	-0.35	38.27	3	Horizontal	9	1.76	-	37.80	10.38	32.80

802.11a_Nss1,(6Mbps)_8TX

5240MHz_TnomVnom

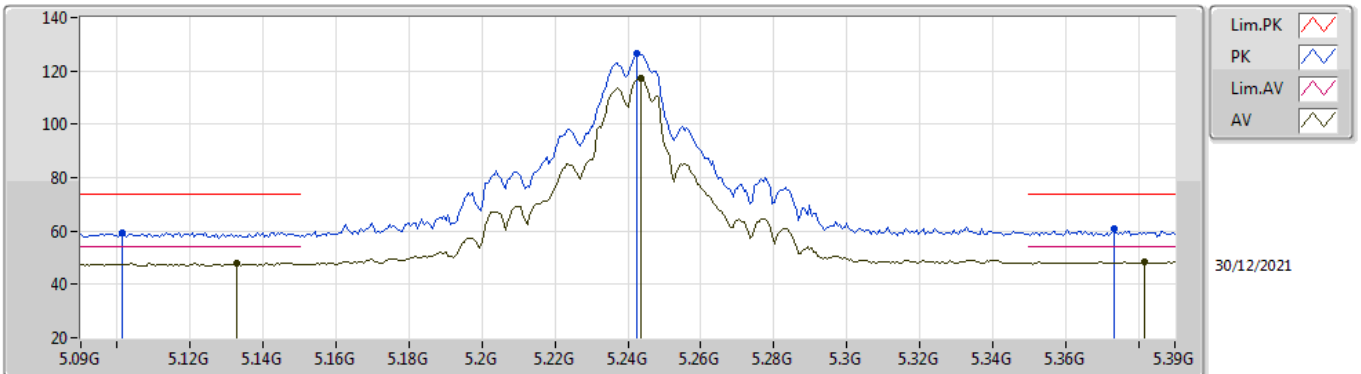


EUT_X_8TX
Setting 20.5
01-A-B-4-10

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	5.096G	59.49	74.00	-14.51	53.29	3	Vertical	53	1.77	-	32.80	6.35	32.95
AV	5.1104G	47.57	54.00	-6.43	41.38	3	Vertical	53	1.77	-	32.78	6.36	32.95
PK	5.2376G	123.13	Inf	-Inf	116.88	3	Vertical	53	1.77	-	32.78	6.40	32.93
AV	5.2376G	113.06	Inf	-Inf	106.81	3	Vertical	53	1.77	-	32.78	6.40	32.93
PK	5.3798G	60.10	74.00	-13.90	53.49	3	Vertical	53	1.77	-	33.12	6.40	32.91
AV	5.3798G	48.22	54.00	-5.78	41.61	3	Vertical	53	1.77	-	33.12	6.40	32.91

802.11a_Nss1,(6Mbps)_8TX

5240MHz_TnomVnom

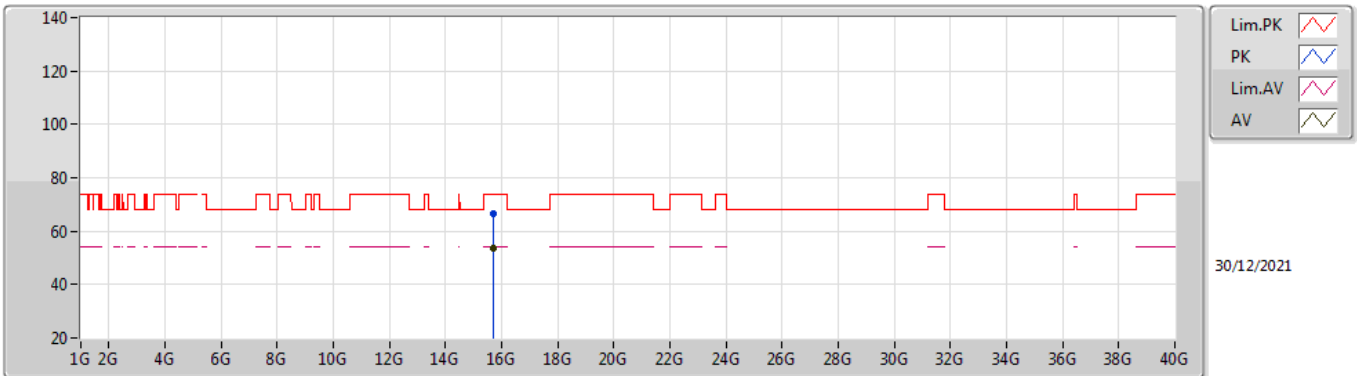


EUT_X_8TX
Setting 20.5
01-A-B-4-10

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	5.1014G	59.39	74.00	-14.61	53.19	3	Horizontal	327	2.01	-	32.80	6.35	32.95
AV	5.1326G	48.00	54.00	-6.00	41.84	3	Horizontal	327	2.01	-	32.73	6.37	32.94
PK	5.2424G	126.59	Inf	-Inf	120.34	3	Horizontal	327	2.01	-	32.78	6.40	32.93
AV	5.2436G	117.46	Inf	-Inf	111.20	3	Horizontal	327	2.01	-	32.79	6.40	32.93
PK	5.3732G	60.61	74.00	-13.39	54.04	3	Horizontal	327	2.01	-	33.09	6.40	32.92
AV	5.3816G	48.42	54.00	-5.58	41.80	3	Horizontal	327	2.01	-	33.13	6.40	32.91

802.11a_Nss1,(6Mbps)_8TX

5240MHz_TnomVnom

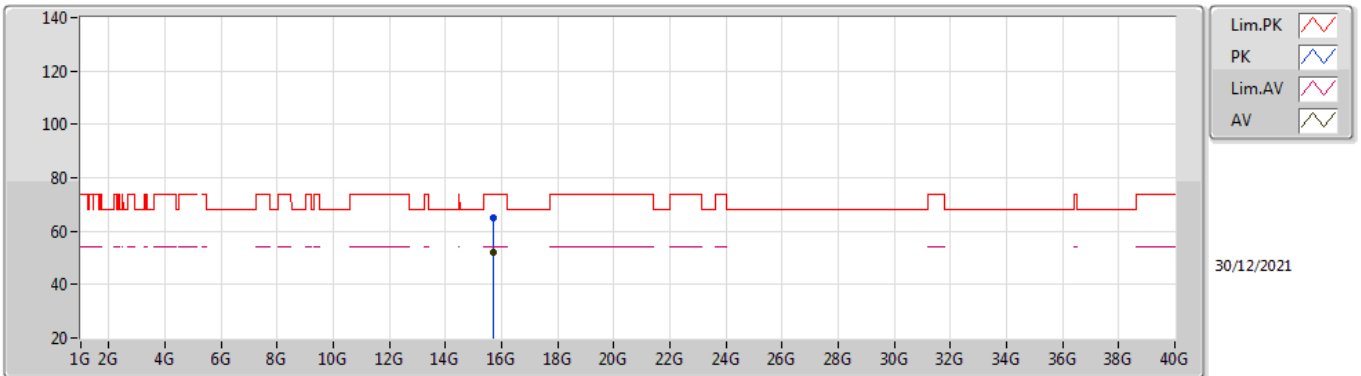


EUT X_8TX
Setting 20.5
01-A-B-4

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	15.71832G	66.62	74.00	-7.38	51.18	3	Vertical	344	1.43	-	37.81	10.42	32.79	
AV	15.71976G	53.83	54.00	-0.17	38.37	3	Vertical	344	1.43	-	37.82	10.42	32.78	

802.11a_Nss1,(6Mbps)_8TX

5240MHz_TnomVnom

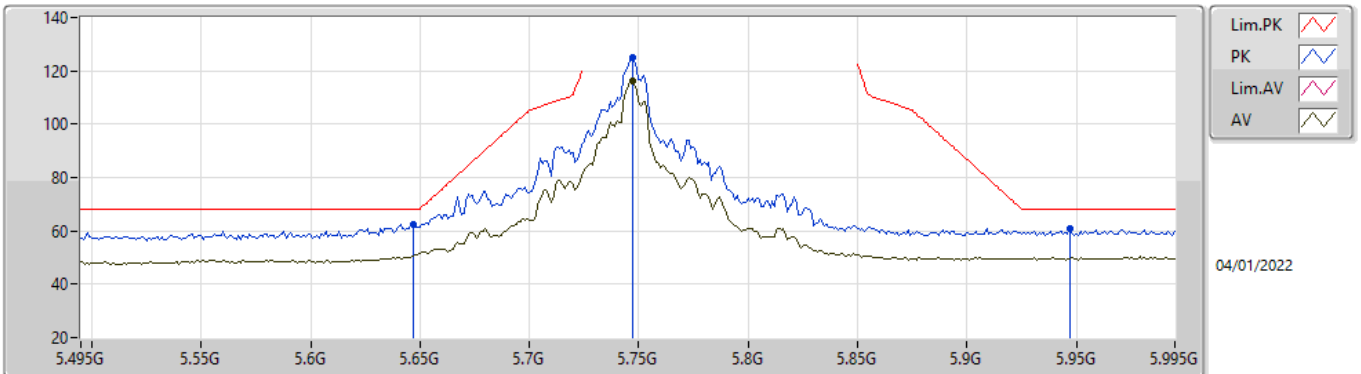


EUT X_8TX
Setting 20.5
01-A-B-4

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	15.71672G	65.22	74.00	-8.78	49.79	3	Horizontal	288	1.80	-	37.80	10.42	32.79
AV	15.71704G	52.25	54.00	-1.75	36.82	3	Horizontal	288	1.80	-	37.80	10.42	32.79

802.11a_Nss1,(6Mbps)_8TX

5745MHz_TnomVnom

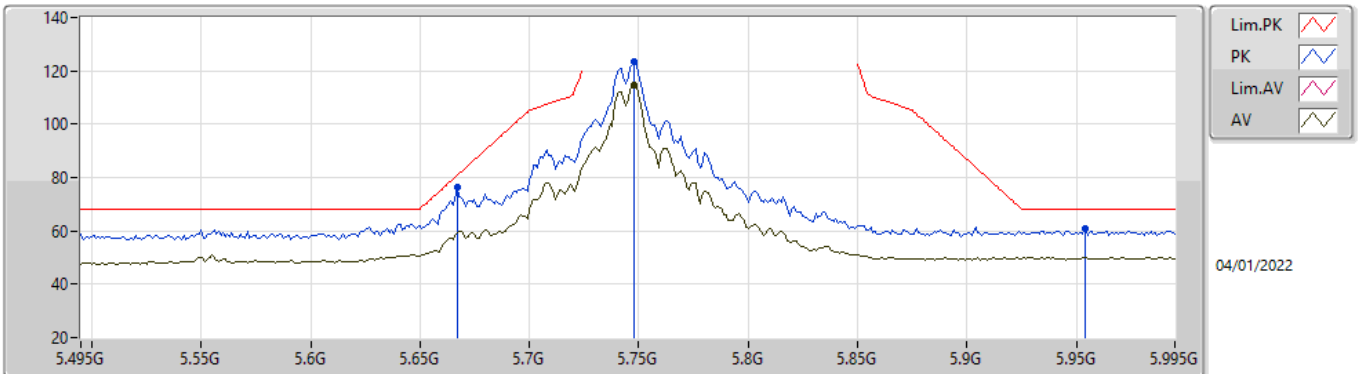


EUT X_8TX
Setting 24
04-I-G-2-10

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	5.647G	62.58	68.20	-5.62	56.24	3	Vertical	38	1.66	-	34.28	5.30	33.24	
PK	5.747G	124.95	Inf	-Inf	118.54	3	Vertical	38	1.66	-	34.39	5.30	33.28	
AV	5.747G	116.09	Inf	-Inf	109.68	3	Vertical	38	1.66	-	34.39	5.30	33.28	
PK	5.947G	60.88	68.20	-7.32	53.69	3	Vertical	38	1.66	-	35.18	5.37	33.36	

802.11a_Nss1,(6Mbps)_8TX

5745MHz_TnomVnom

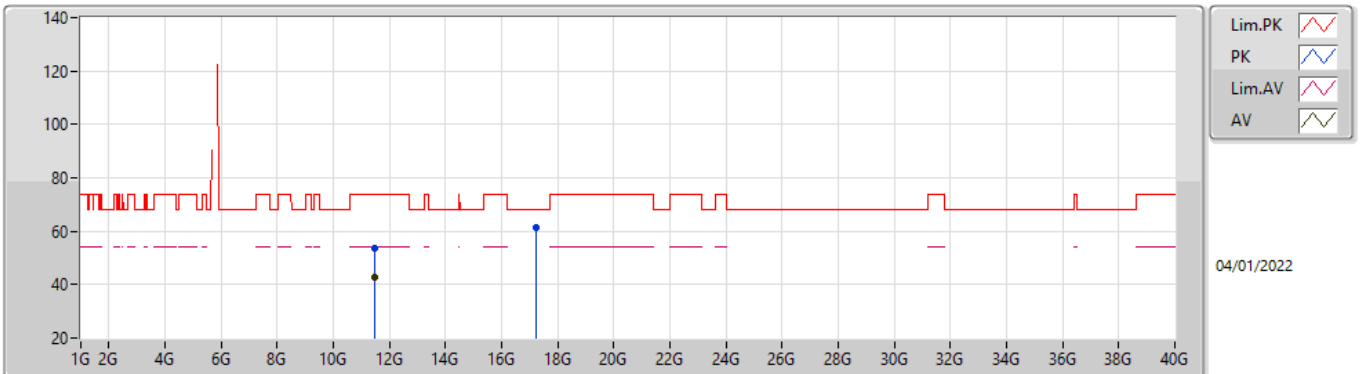


EUT X_8TX
Setting 24
04-I-G-2-10

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	5.667G	76.27	80.78	-4.51	69.95	3	Horizontal	332	3.00	-	34.27	5.30	33.25
PK	5.748G	123.43	Inf	-Inf	117.02	3	Horizontal	332	3.00	-	34.39	5.30	33.28
AV	5.748G	114.81	Inf	-Inf	108.40	3	Horizontal	332	3.00	-	34.39	5.30	33.28
PK	5.954G	60.88	68.20	-7.32	53.64	3	Horizontal	332	3.00	-	35.22	5.38	33.36

802.11a_Nss1,(6Mbps)_8TX

5745MHz_TnomVnom

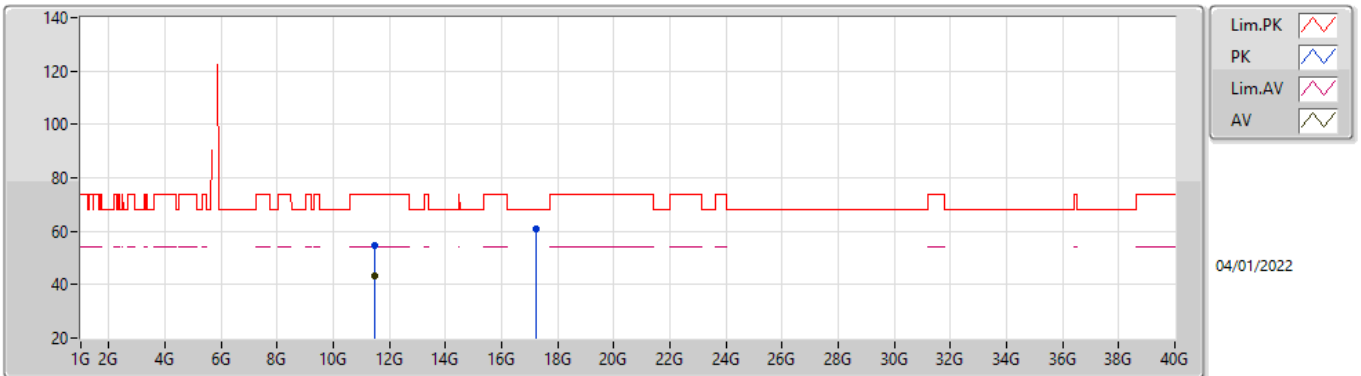


EUT_X_8TX
Setting 24
04-I-G-2

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	11.48704G	53.43	74.00	-20.57	40.23	3	Vertical	3	1.29	-	39.31	8.64	34.75
AV	11.48996G	42.74	54.00	-11.26	29.54	3	Vertical	3	1.29	-	39.31	8.64	34.75
PK	17.2326G	61.28	68.20	-6.92	45.07	3	Vertical	33	1.00	-	41.36	9.53	34.68

802.11a_Nss1,(6Mbps)_8TX

5745MHz_TnomVnom

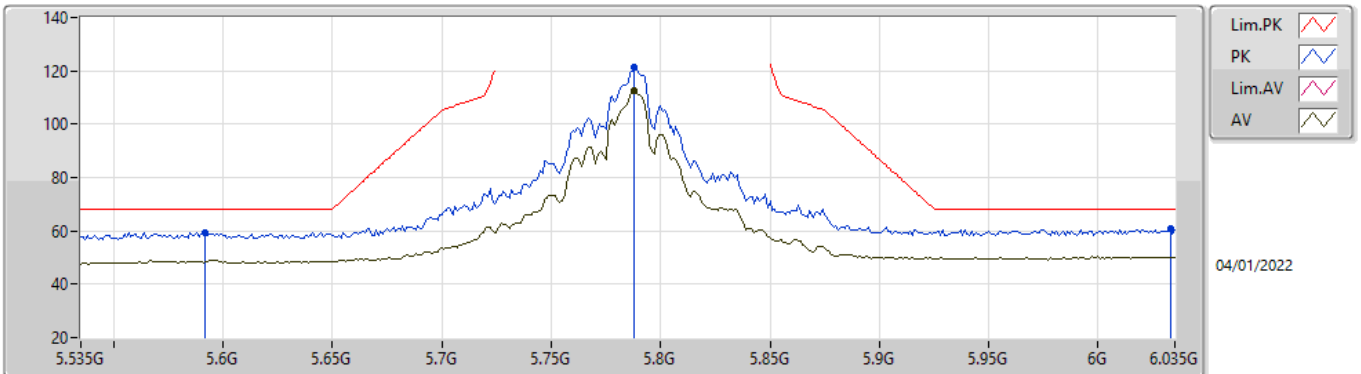


EUT X_8TX
Setting 24
04-I-G-2

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	11.48566G	54.60	74.00	-19.40	41.40	3	Horizontal	34	1.73	-	39.31	8.64	34.75
AV	11.48986G	43.36	54.00	-10.64	30.16	3	Horizontal	34	1.73	-	39.31	8.64	34.75
PK	17.24508G	61.10	68.20	-7.10	44.80	3	Horizontal	323	1.80	-	41.43	9.54	34.67

802.11a_Nss1,(6Mbps)_8TX

5785MHz_TnomVnom

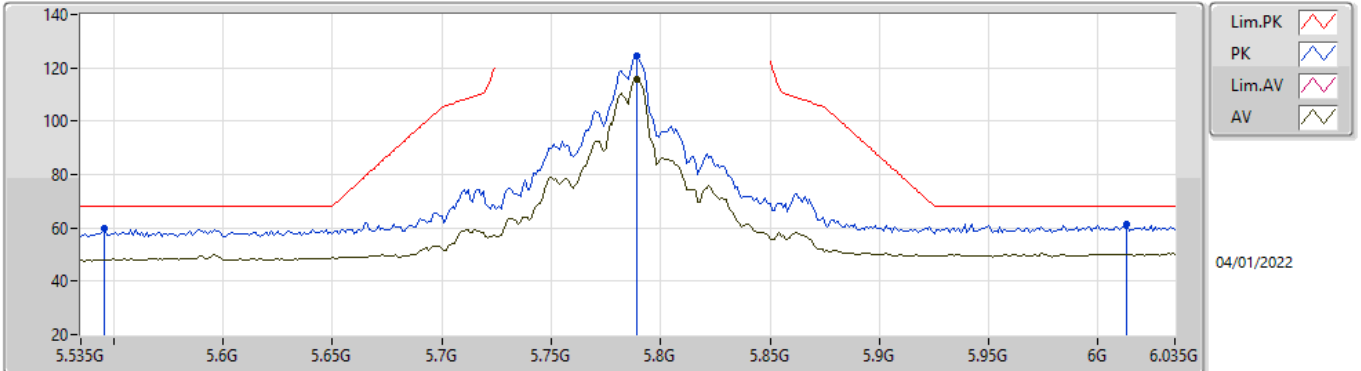


EUT X_8TX
Setting 24
04-I-G-2-10

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	5.592G	59.56	68.20	-8.64	53.47	3	Vertical	28	1.66	-	34.02	5.29	33.22	
PK	5.788G	121.39	Inf	-Inf	114.91	3	Vertical	28	1.66	-	34.48	5.30	33.30	
AV	5.788G	112.42	Inf	-Inf	105.94	3	Vertical	28	1.66	-	34.48	5.30	33.30	
PK	6.033G	60.89	68.20	-7.31	53.42	3	Vertical	28	1.66	-	35.40	5.43	33.36	

802.11a_Nss1,(6Mbps)_8TX

5785MHz_TnomVnom

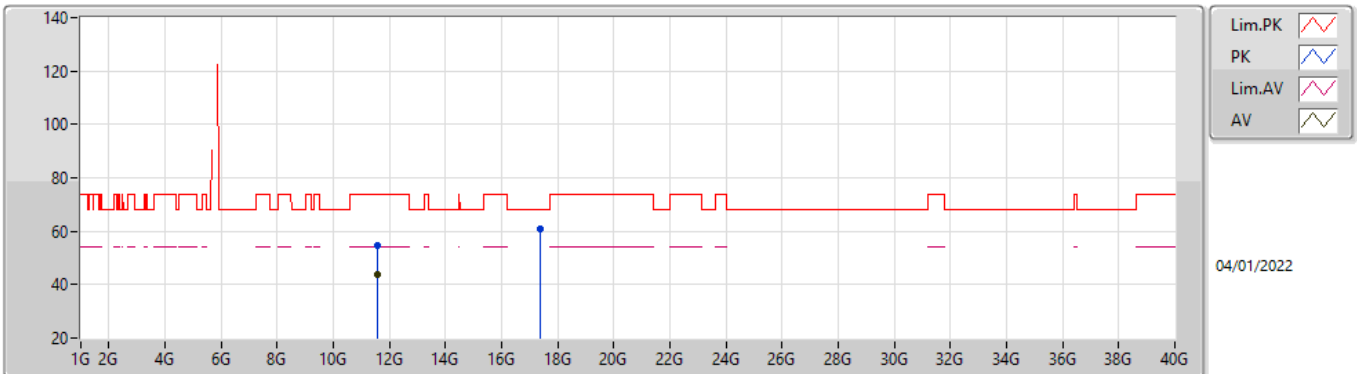


EUT X_8TX
Setting 24
04-I-G-2-10

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	5.546G	59.73	68.20	-8.47	53.60	3	Horizontal	28	2.63	-	34.08	5.25	33.20
PK	5.789G	124.39	Inf	-Inf	117.91	3	Horizontal	28	2.63	-	34.48	5.30	33.30
AV	5.789G	115.50	Inf	-Inf	109.02	3	Horizontal	28	2.63	-	34.48	5.30	33.30
PK	6.013G	61.32	68.20	-6.88	53.88	3	Horizontal	28	2.63	-	35.40	5.41	33.37

802.11a_Nss1,(6Mbps)_8TX

5785MHz_TnomVnom

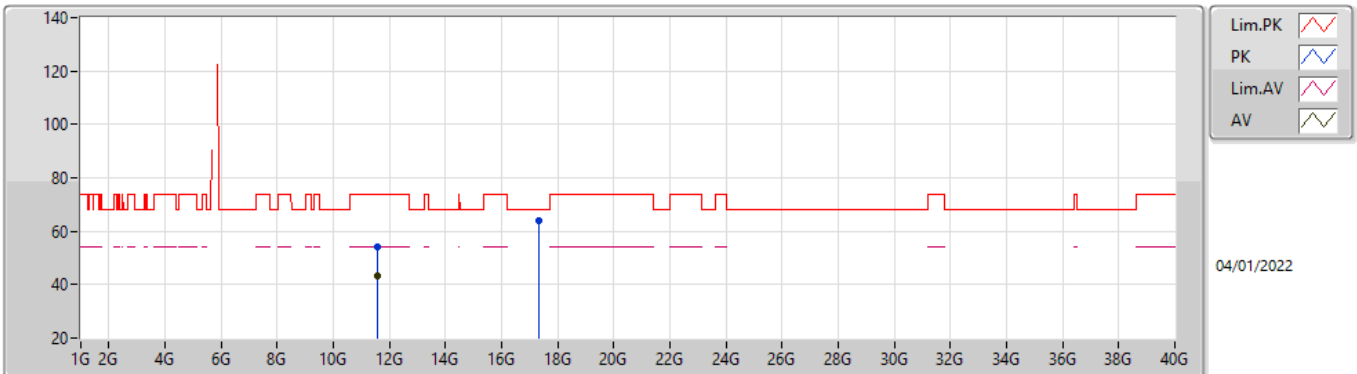


EUT_X_8TX
Setting 24
04-I-G-2

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	11.56988G	54.90	74.00	-19.10	41.69	3	Vertical	296	1.01	-	39.30	8.70	34.79
AV	11.56986G	43.81	54.00	-10.19	30.60	3	Vertical	296	1.01	-	39.30	8.70	34.79
PK	17.3592G	60.61	68.20	-7.59	43.73	3	Vertical	29	1.80	-	41.88	9.58	34.58

802.11a_Nss1,(6Mbps)_8TX

5785MHz_TnomVnom

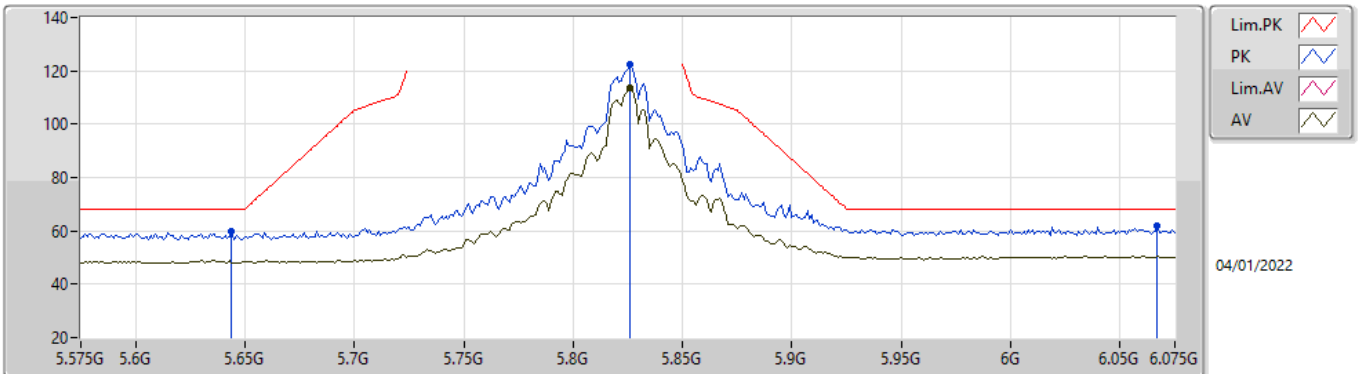


EUT_X_8TX
Setting 24
04-I-G-2

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	11.56724G	54.39	74.00	-19.61	41.18	3	Horizontal	359	1.82	-	39.30	8.70	34.79
AV	11.56996G	43.48	54.00	-10.52	30.27	3	Horizontal	359	1.82	-	39.30	8.70	34.79
PK	17.34654G	63.88	68.20	-4.32	47.06	3	Horizontal	317	1.80	-	41.84	9.57	34.59

802.11a_Nss1,(6Mbps)_8TX

5825MHz_TnomVnom

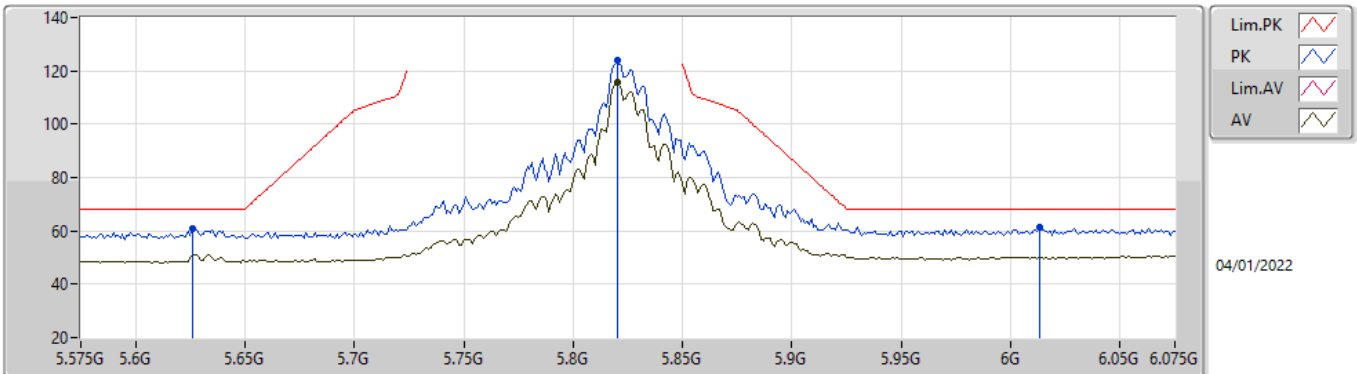


EUT X_8TX
Setting 24
04-1-G-2-10

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	5.644G	59.71	68.20	-8.49	53.39	3	Vertical	324	1.80	-	34.26	5.30	33.24
PK	5.826G	122.17	Inf	-Inf	115.51	3	Vertical	324	1.80	-	34.66	5.31	33.31
AV	5.826G	113.51	Inf	-Inf	106.85	3	Vertical	324	1.80	-	34.66	5.31	33.31
PK	6.067G	61.81	68.20	-6.39	54.24	3	Vertical	324	1.80	-	35.43	5.47	33.33

802.11a_Nss1,(6Mbps)_8TX

5825MHz_TnomVnom

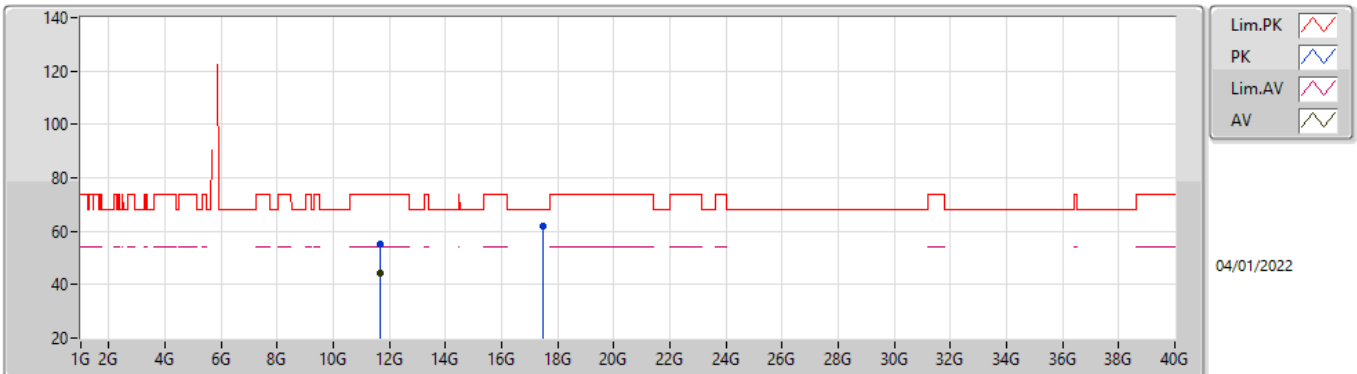


EUT X_8TX
Setting 24
04-I-G-2-10

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	5.626G	60.97	68.20	-7.23	54.74	3	Horizontal	327	2.02	-	34.16	5.30	33.23
PK	5.82G	124.00	Inf	-Inf	117.38	3	Horizontal	327	2.02	-	34.62	5.31	33.31
AV	5.82G	115.57	Inf	-Inf	108.95	3	Horizontal	327	2.02	-	34.62	5.31	33.31
PK	6.013G	61.37	68.20	-6.83	53.93	3	Horizontal	327	2.02	-	35.40	5.41	33.37

802.11a_Nss1,(6Mbps)_8TX

5825MHz_TnomVnom

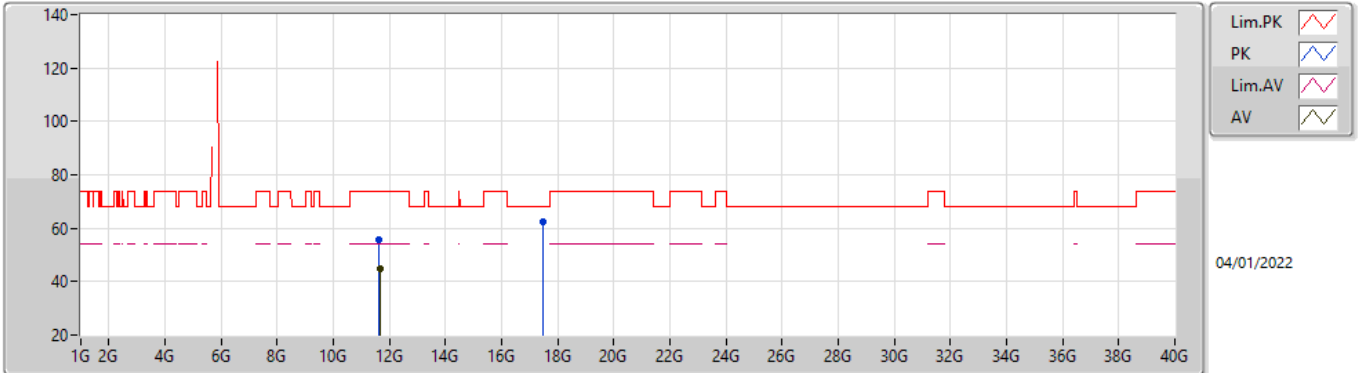


EUT_X_8TX
Setting 24
04-I-G-2

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	11.65066G	55.11	74.00	-18.89	41.92	3	Vertical	310	2.42	-	39.25	8.76	34.82
AV	11.64982G	44.52	54.00	-9.48	31.34	3	Vertical	310	2.42	-	39.25	8.75	34.82
PK	17.4696G	61.81	68.20	-6.39	44.63	3	Vertical	34	1.80	-	42.07	9.61	34.50

802.11a_Nss1,(6Mbps)_8TX

5825MHz_TnomVnom

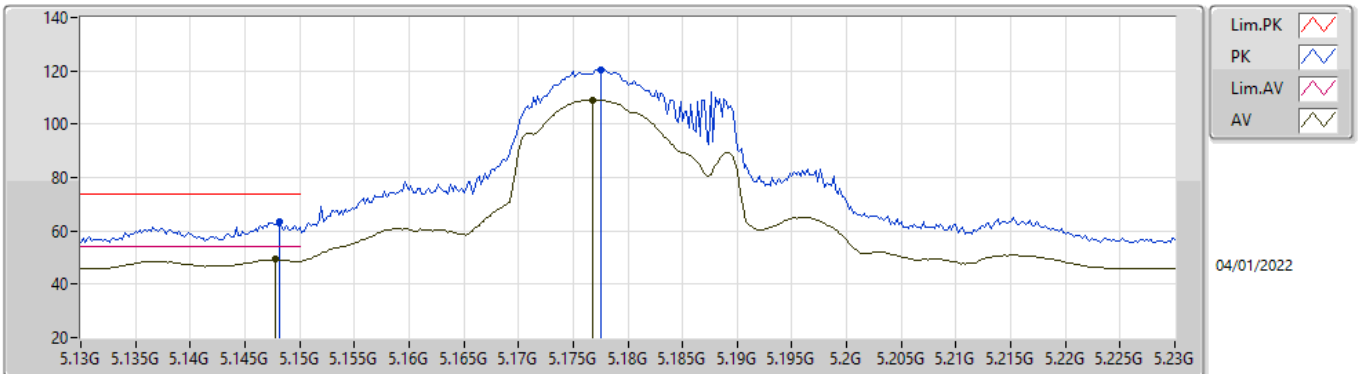


EUT_X_8TX
Setting 24
04-I-G-2

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	11.64504G	55.69	74.00	-18.31	42.51	3	Horizontal	346	1.80	-	39.25	8.75	34.82
AV	11.64994G	44.61	54.00	-9.39	31.43	3	Horizontal	346	1.80	-	39.25	8.75	34.82
PK	17.47692G	62.25	68.20	-5.95	45.05	3	Horizontal	46	1.81	-	42.08	9.62	34.50

802.11ax HEW20_Nss1,(MCS0)_8TX

5180MHz_TnomVnom

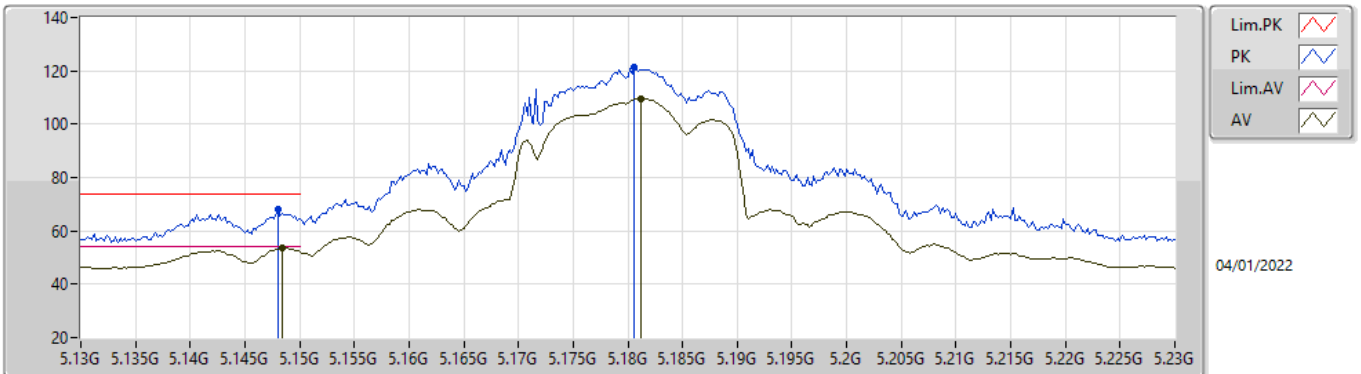


EUT X_8TX
Setting 17
04-I-G-2-10

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	5.1482G	63.22	74.00	-10.78	58.43	3	Vertical	315	1.88	-	32.91	5.05	33.17	
AV	5.1478G	49.30	54.00	-4.70	44.51	3	Vertical	315	1.88	-	32.91	5.05	33.17	
PK	5.1776G	120.50	Inf	-Inf	115.63	3	Vertical	315	1.88	-	32.96	5.08	33.17	
AV	5.1768G	109.04	Inf	-Inf	104.18	3	Vertical	315	1.88	-	32.95	5.08	33.17	

802.11ax HEW20_Nss1,(MCS0)_8TX

5180MHz_TnomVnom

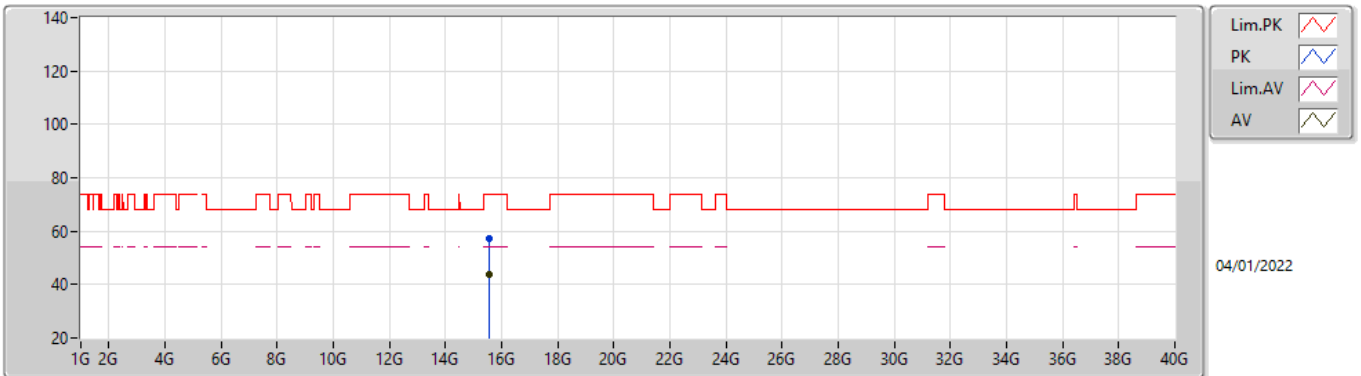


EUT X_8TX
Setting 17
04-I-G-2-10

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	5.148G	68.09	74.00	-5.91	63.30	3	Horizontal	336	1.14	-	32.91	5.05	33.17
AV	5.1484G	53.55	54.00	-0.45	48.76	3	Horizontal	336	1.14	-	32.91	5.05	33.17
PK	5.1806G	121.19	Inf	-Inf	116.32	3	Horizontal	336	1.14	-	32.96	5.08	33.17
AV	5.1812G	109.61	Inf	-Inf	104.74	3	Horizontal	336	1.14	-	32.96	5.08	33.17

802.11ax HEW20_Nss1,(MCS0)_8TX

5180MHz_TnomVnom

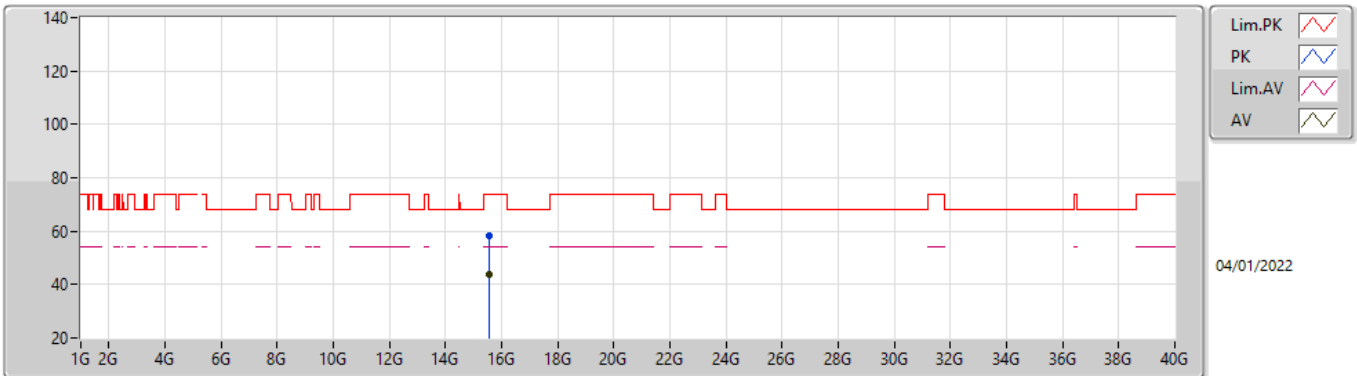


EUT_X_8TX
Setting 17
04-I-G-2

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	15.5388G	57.21	74.00	-16.79	44.52	3	Vertical	337	1.33	-	38.84	8.98	35.13
AV	15.54G	43.74	54.00	-10.26	31.04	3	Vertical	337	1.33	-	38.84	8.99	35.13

802.11ax HEW20_Nss1,(MCS0)_8TX

5180MHz_TnomVnom

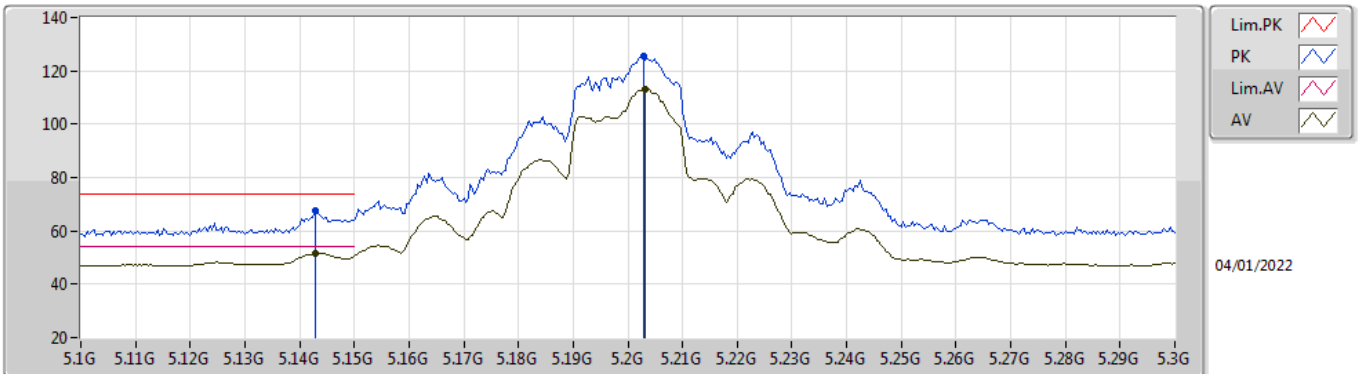


EUT_X_8TX
Setting 17
04-I-G-2

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	15.53828G	58.02	74.00	-15.98	45.32	3	Horizontal	28	1.80	-	38.85	8.98	35.13	
AV	15.54G	43.80	54.00	-10.20	31.10	3	Horizontal	28	1.80	-	38.84	8.99	35.13	

802.11ax HEW20_Nss1,(MCS0)_8TX

5200MHz_TnomVnom

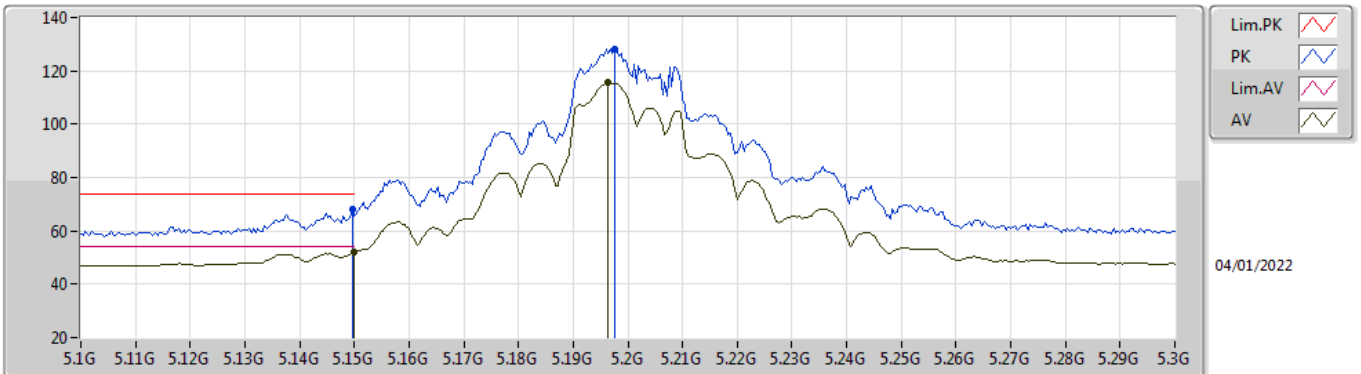


EUT X_8TX
Setting 20.5
01-A-B-4-10

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	5.1428G	67.51	74.00	-6.49	61.37	3	Vertical	299	2.00	-	32.71	6.37	32.94
AV	5.1428G	51.52	54.00	-2.48	45.38	3	Vertical	299	2.00	-	32.71	6.37	32.94
PK	5.2028G	125.51	Inf	-Inf	119.34	3	Vertical	299	2.00	-	32.71	6.40	32.94
AV	5.2032G	113.10	Inf	-Inf	106.93	3	Vertical	299	2.00	-	32.71	6.40	32.94

802.11ax HEW20_Nss1,(MCS0)_8TX

5200MHz_TnomVnom

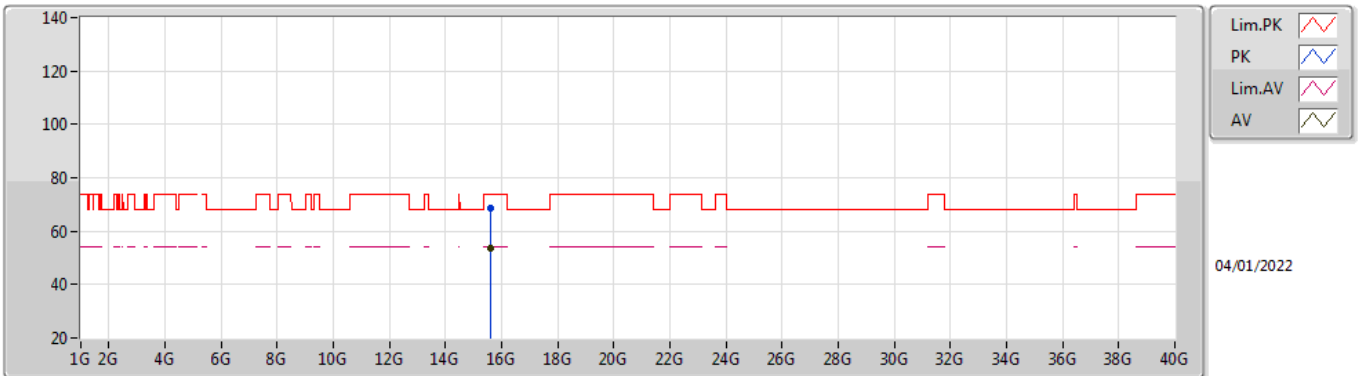


EUT X_8TX
Setting 20.5
01-A-B-4-10

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	5.1496G	67.96	74.00	-6.04	61.83	3	Horizontal	337	1.53	-	32.70	6.37	32.94	
AV	5.15G	52.16	54.00	-1.84	46.03	3	Horizontal	337	1.53	-	32.70	6.37	32.94	
PK	5.1976G	128.34	Inf	-Inf	122.18	3	Horizontal	337	1.53	-	32.70	6.40	32.94	
AV	5.1964G	115.47	Inf	-Inf	109.31	3	Horizontal	337	1.53	-	32.70	6.40	32.94	

802.11ax HEW20_Nss1,(MCS0)_8TX

5200MHz_TnomVnom

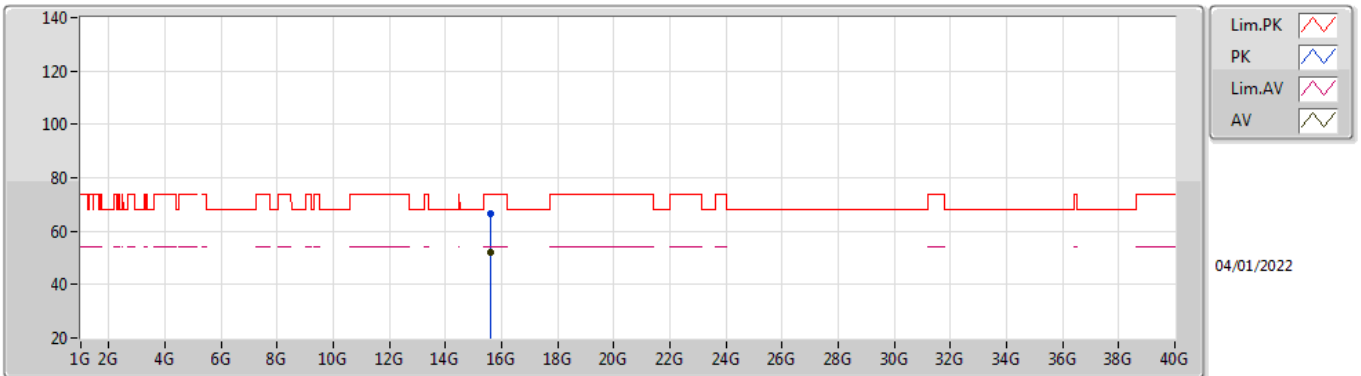


EUT X_8TX
Setting 20.5
01-A-B-4

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	15.5986G	68.83	74.00	-5.17	53.44	3	Vertical	12	2.17	-	37.81	10.38	32.80	
AV	15.5997G	53.50	54.00	-0.50	38.12	3	Vertical	12	2.17	-	37.80	10.38	32.80	

802.11ax HEW20_Nss1,(MCS0)_8TX

5200MHz_TnomVnom

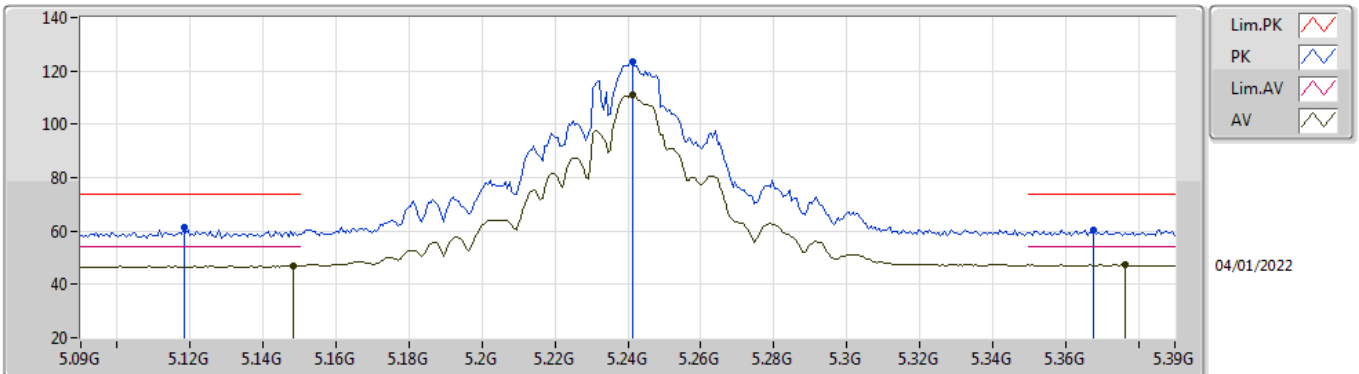


EUT X_8TX
Setting 20.5
01-A-B-4

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	15.6093G	66.48	74.00	-7.52	51.11	3	Horizontal	346	1.91	-	37.79	10.38	32.80
AV	15.6084G	51.98	54.00	-2.02	36.61	3	Horizontal	346	1.91	-	37.79	10.38	32.80

802.11ax HEW20_Nss1,(MCS0)_8TX

5240MHz_TnomVnom

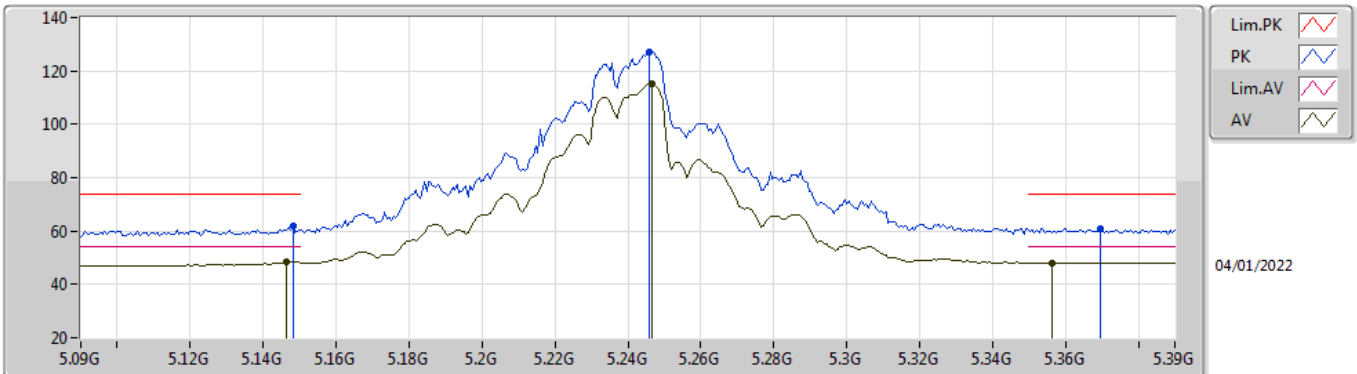


EUT X_8TX
Setting 21.5
01-A-B-4-10

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	5.1182G	61.27	74.00	-12.73	55.10	3	Vertical	47	2.77	-	32.76	6.36	32.95	
AV	5.1482G	47.05	54.00	-6.95	40.92	3	Vertical	47	2.77	-	32.70	6.37	32.94	
PK	5.2412G	123.54	Inf	-Inf	117.29	3	Vertical	47	2.77	-	32.78	6.40	32.93	
AV	5.2412G	111.23	Inf	-Inf	104.98	3	Vertical	47	2.77	-	32.78	6.40	32.93	
PK	5.3678G	60.53	74.00	-13.47	53.98	3	Vertical	47	2.77	-	33.07	6.40	32.92	
AV	5.3762G	47.36	54.00	-6.64	40.77	3	Vertical	47	2.77	-	33.10	6.40	32.91	

802.11ax HEW20_Nss1,(MCS0)_8TX

5240MHz_TnomVnom

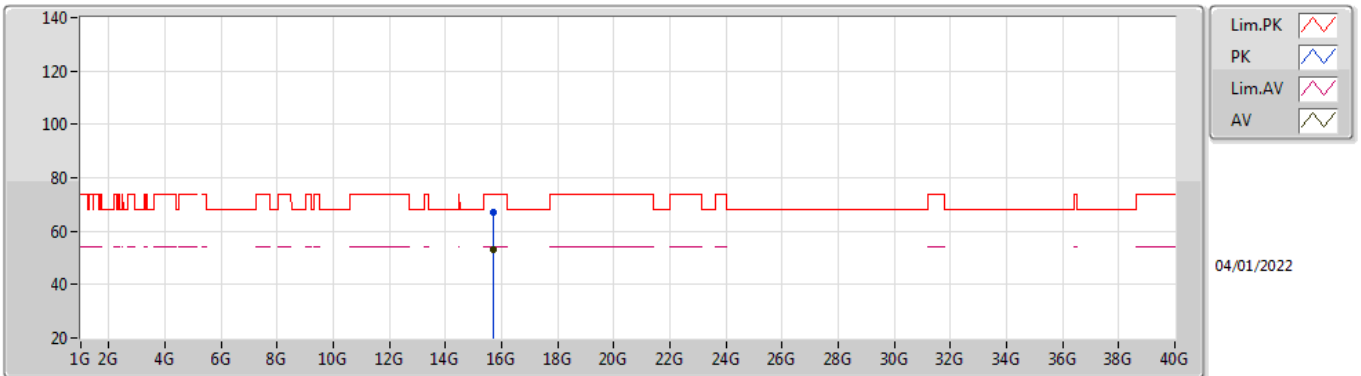


EUT X_8TX
Setting 21.5
01-A-B-4-10

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	5.1482G	61.70	74.00	-12.30	55.57	3	Horizontal	336	1.54	-	32.70	6.37	32.94
AV	5.1464G	48.52	54.00	-5.48	42.38	3	Horizontal	336	1.54	-	32.71	6.37	32.94
PK	5.246G	127.32	Inf	-Inf	121.06	3	Horizontal	336	1.54	-	32.79	6.40	32.93
AV	5.2466G	115.03	Inf	-Inf	108.77	3	Horizontal	336	1.54	-	32.79	6.40	32.93
PK	5.3696G	61.09	74.00	-12.91	54.53	3	Horizontal	336	1.54	-	33.08	6.40	32.92
AV	5.3564G	48.09	54.00	-5.91	41.58	3	Horizontal	336	1.54	-	33.03	6.40	32.92

802.11ax HEW20_Nss1,(MCS0)_8TX

5240MHz_TnomVnom

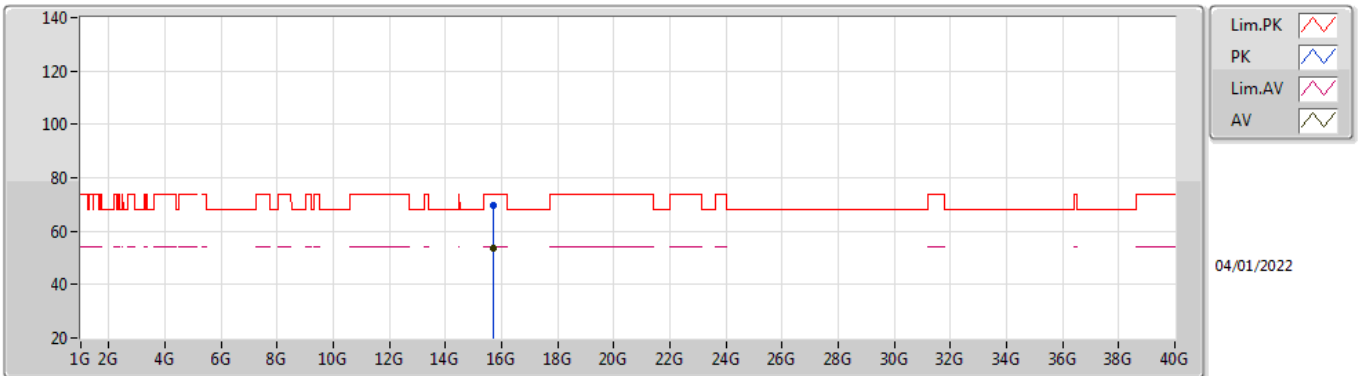


EUT X_8TX
Setting 21.5
01-A-B-4

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	15.7225G	67.06	74.00	-6.94	51.58	3	Vertical	13	1.91	-	37.84	10.42	32.78
AV	15.7217G	52.97	54.00	-1.03	37.50	3	Vertical	13	1.91	-	37.83	10.42	32.78

802.11ax HEW20_Nss1,(MCS0)_8TX

5240MHz_TnomVnom

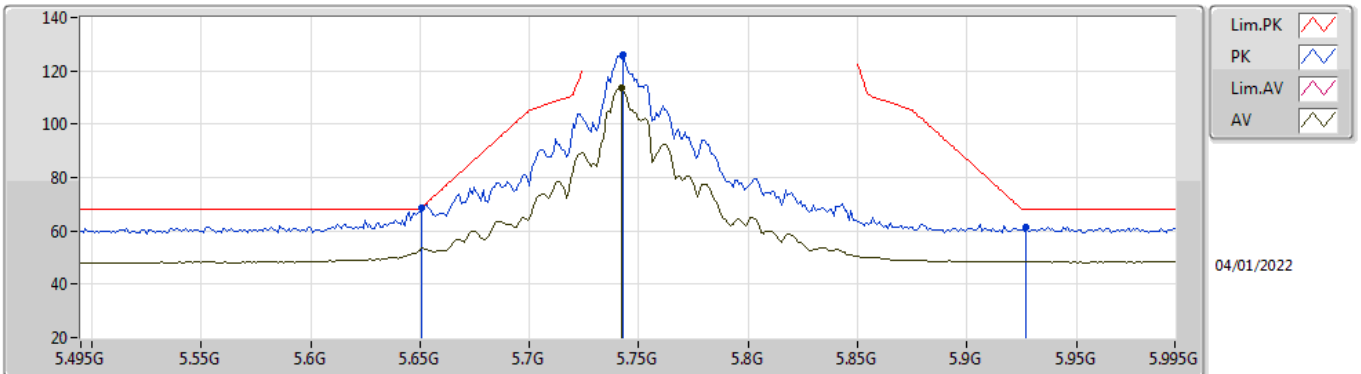


EUT X_8TX
Setting 21.5
01-A-B-4

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	15.723G	69.89	74.00	-4.11	54.41	3	Horizontal	31	1.80	-	37.84	10.42	32.78
AV	15.7233G	53.66	54.00	-0.34	38.18	3	Horizontal	31	1.80	-	37.84	10.42	32.78

802.11ax HEW20_Nss1,(MCS0)_8TX

5745MHz_TnomVnom

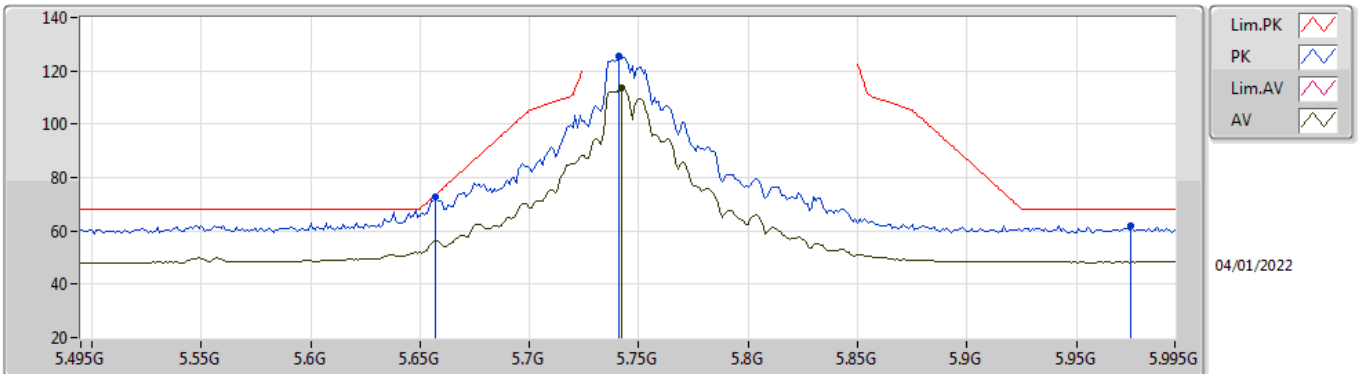


EUT_X_8TX
Setting 22.5
01-A-B-4-10

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	5.651G	68.62	68.94	-0.32	60.84	3	Vertical	55	1.80	-	34.10	6.60	32.92	
PK	5.743G	125.84	Inf	-Inf	117.82	3	Vertical	55	1.80	-	34.34	6.60	32.92	
AV	5.742G	113.83	Inf	-Inf	105.81	3	Vertical	55	1.80	-	34.34	6.60	32.92	
PK	5.927G	61.37	68.20	-6.83	52.70	3	Vertical	55	1.80	-	35.01	6.60	32.94	

802.11ax HEW20_Nss1,(MCS0)_8TX

5745MHz_TnomVnom

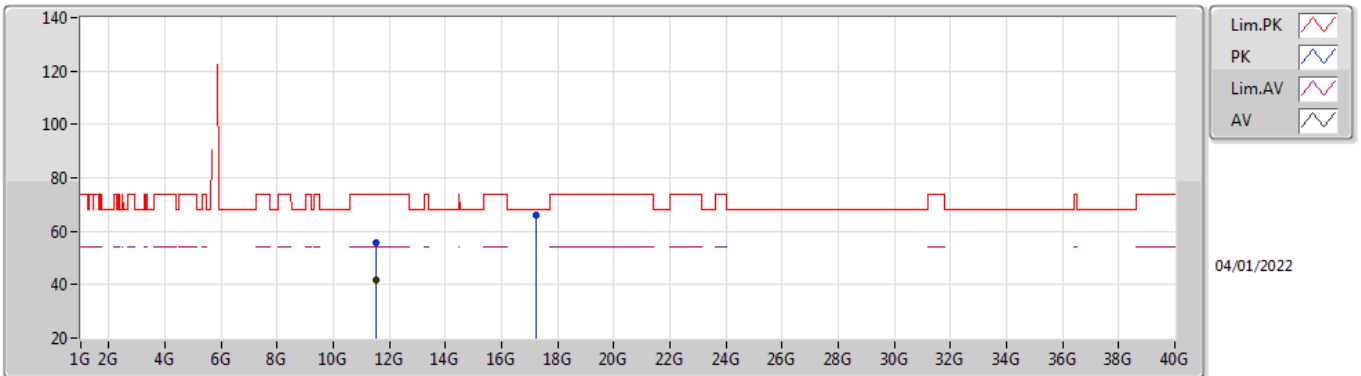


EUT_X_8TX
Setting 22.5
01-A-B-4-10

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	5.657G	72.99	73.38	-0.39	65.22	3	Horizontal	332	1.80	-	34.09	6.60	32.92
PK	5.741G	125.28	Inf	-Inf	117.27	3	Horizontal	332	1.80	-	34.33	6.60	32.92
AV	5.742G	113.38	Inf	-Inf	105.36	3	Horizontal	332	1.80	-	34.34	6.60	32.92
PK	5.975G	61.69	68.20	-6.51	52.84	3	Horizontal	332	1.80	-	35.20	6.60	32.95

802.11ax HEW20_Nss1,(MCS0)_8TX

5745MHz_TnomVnom

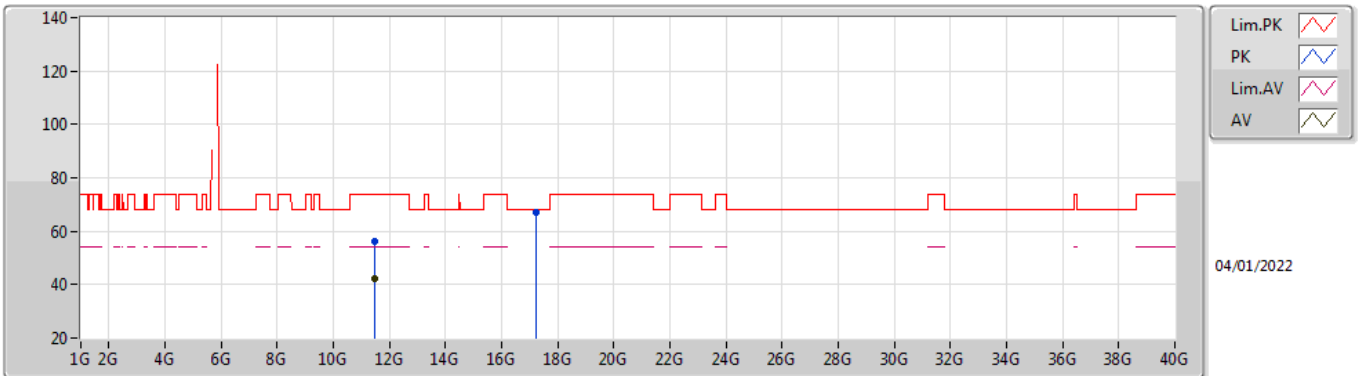


EUT X_8TX
Setting 22.5
01-A-B-4

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	11.50504G	55.46	74.00	-18.54	40.98	3	Vertical	337	1.80	-	38.41	8.88	32.81
AV	11.50624G	41.90	54.00	-12.10	27.42	3	Vertical	337	1.80	-	38.41	8.88	32.81
PK	17.24166G	65.81	68.20	-2.39	45.13	3	Vertical	9	2.19	-	41.81	10.87	32.00

802.11ax HEW20_Nss1,(MCS0)_8TX

5745MHz_TnomVnom

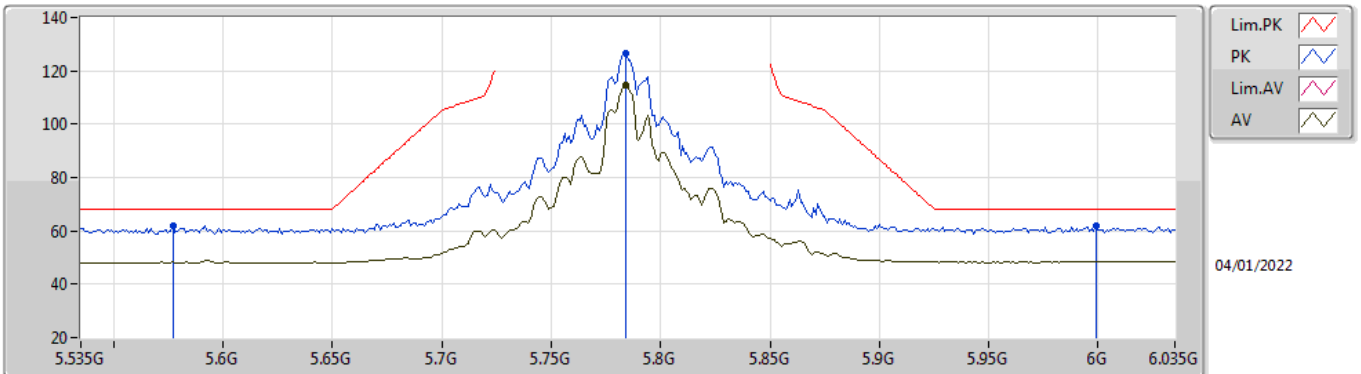


EUT X_8TX
Setting 22.5
01-A-B-4

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	11.4808G	56.01	74.00	-17.99	41.55	3	Horizontal	316	1.80	-	38.40	8.87	32.81	
AV	11.49008G	42.49	54.00	-11.51	28.03	3	Horizontal	316	1.80	-	38.40	8.87	32.81	
PK	17.22972G	66.82	68.20	-1.38	46.21	3	Horizontal	324	1.82	-	41.75	10.87	32.01	

802.11ax HEW20_Nss1,(MCS0)_8TX

5785MHz_TnomVnom

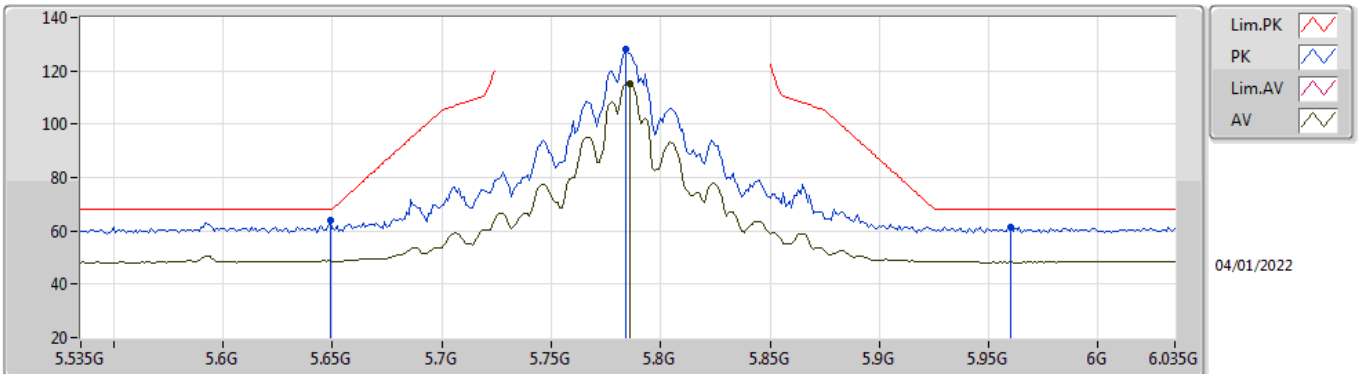


EUT X_8TX
Setting 24
01-A-B-4-10

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	5.577G	61.88	68.20	-6.32	54.36	3	Vertical	332	1.80	-	33.85	6.58	32.91	
PK	5.784G	126.81	Inf	-Inf	118.74	3	Vertical	332	1.80	-	34.40	6.60	32.93	
AV	5.784G	114.47	Inf	-Inf	106.40	3	Vertical	332	1.80	-	34.40	6.60	32.93	
PK	5.999G	61.80	68.20	-6.40	52.85	3	Vertical	332	1.80	-	35.30	6.60	32.95	

802.11ax HEW20_Nss1,(MCS0)_8TX

5785MHz_TnomVnom

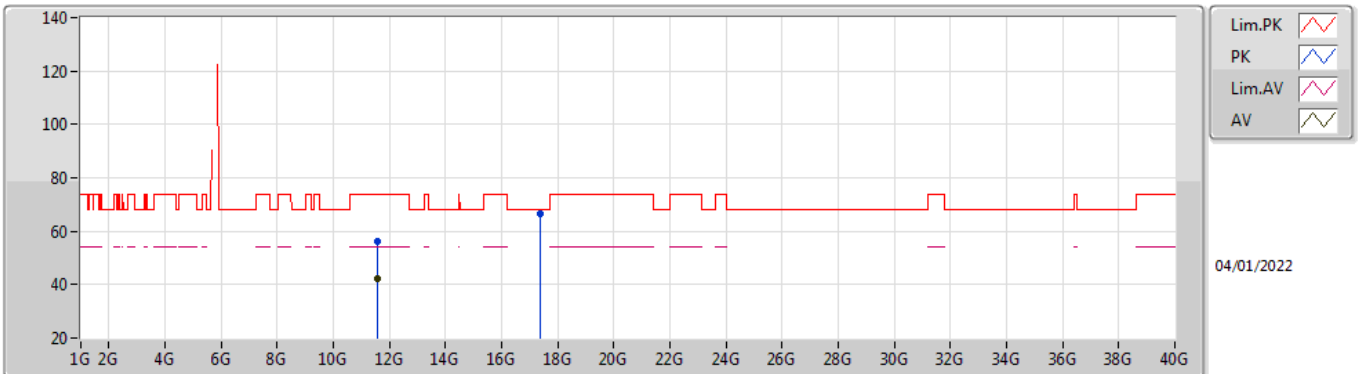


EUT X_8TX
Setting 24
01-A-B-4-10

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	5.649G	63.80	68.20	-4.40	56.02	3	Horizontal	330	1.52	-	34.09	6.60	32.91	
PK	5.784G	127.86	Inf	-Inf	119.79	3	Horizontal	330	1.52	-	34.40	6.60	32.93	
AV	5.786G	115.39	Inf	-Inf	107.32	3	Horizontal	330	1.52	-	34.40	6.60	32.93	
PK	5.96G	61.59	68.20	-6.61	52.80	3	Horizontal	330	1.52	-	35.14	6.60	32.95	

802.11ax HEW20_Nss1,(MCS0)_8TX

5785MHz_TnomVnom

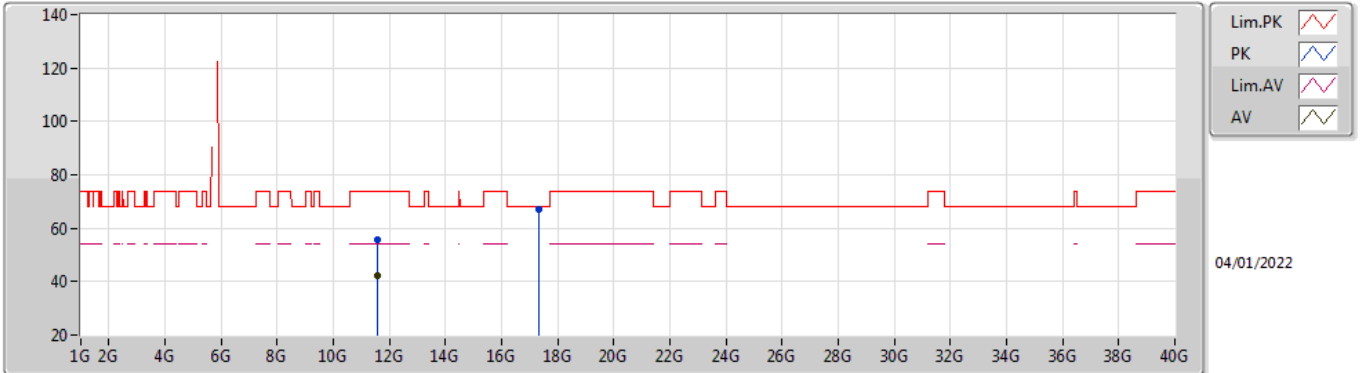


EUT X_8TX
Setting 24
01-A-B-4

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	11.57348G	56.07	74.00	-17.93	41.45	3	Vertical	305	2.83	-	38.55	8.89	32.82
AV	11.5706G	42.25	54.00	-11.75	27.64	3	Vertical	305	2.83	-	38.54	8.89	32.82
PK	17.35476G	66.73	68.20	-1.47	45.62	3	Vertical	327	1.22	-	42.15	10.91	31.95

802.11ax HEW20_Nss1,(MCS0)_8TX

5785MHz_TnomVnom

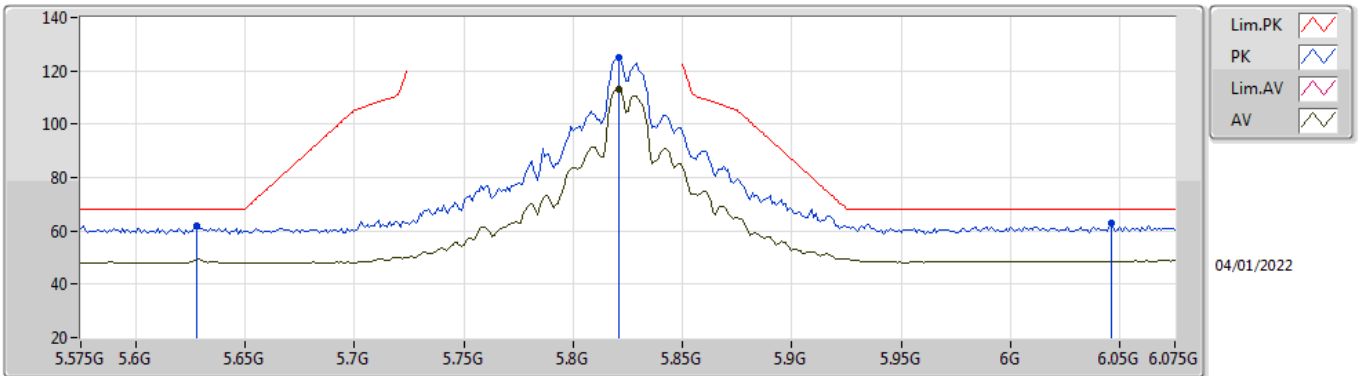


EUT X_8TX
Setting 24
01-A-B-4

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	11.56364G	55.50	74.00	-18.50	40.90	3	Horizontal	184	1.32	-	38.53	8.89	32.82
AV	11.5847G	42.23	54.00	-11.77	27.58	3	Horizontal	184	1.32	-	38.57	8.90	32.82
PK	17.34984G	67.27	68.20	-0.93	46.17	3	Horizontal	320	1.75	-	42.15	10.90	31.95

802.11ax HEW20_Nss1,(MCS0)_8TX

5825MHz_TnomVnom

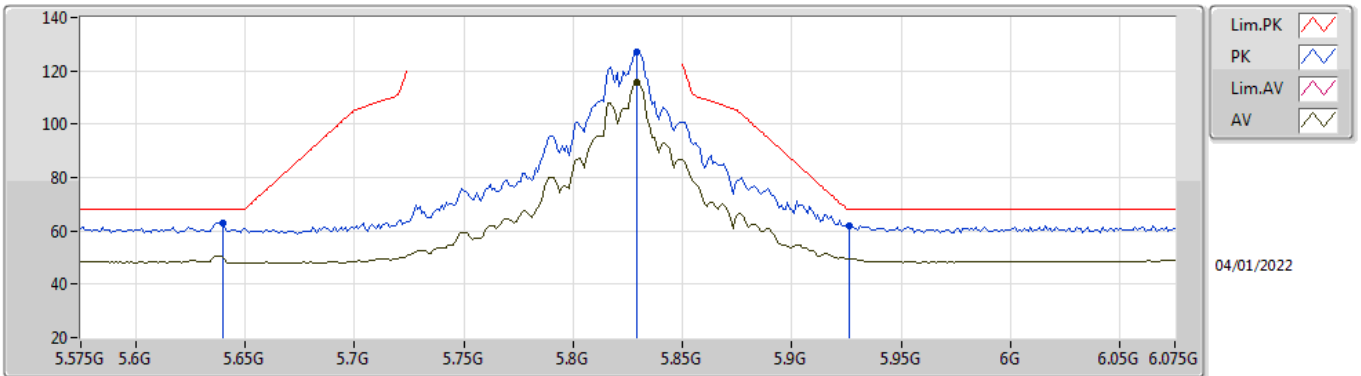


EUT X_8TX
Setting 24
01-A-B-4-10

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	5.628G	61.77	68.20	-6.43	54.11	3	Vertical	27	1.75	-	33.97	6.60	32.91	
PK	5.821G	124.76	Inf	-Inf	116.52	3	Vertical	27	1.75	-	34.57	6.60	32.93	
AV	5.821G	113.11	Inf	-Inf	104.87	3	Vertical	27	1.75	-	34.57	6.60	32.93	
PK	6.046G	62.81	68.20	-5.39	53.88	3	Vertical	27	1.75	-	35.21	6.67	32.95	

802.11ax HEW20_Nss1,(MCS0)_8TX

5825MHz_TnomVnom

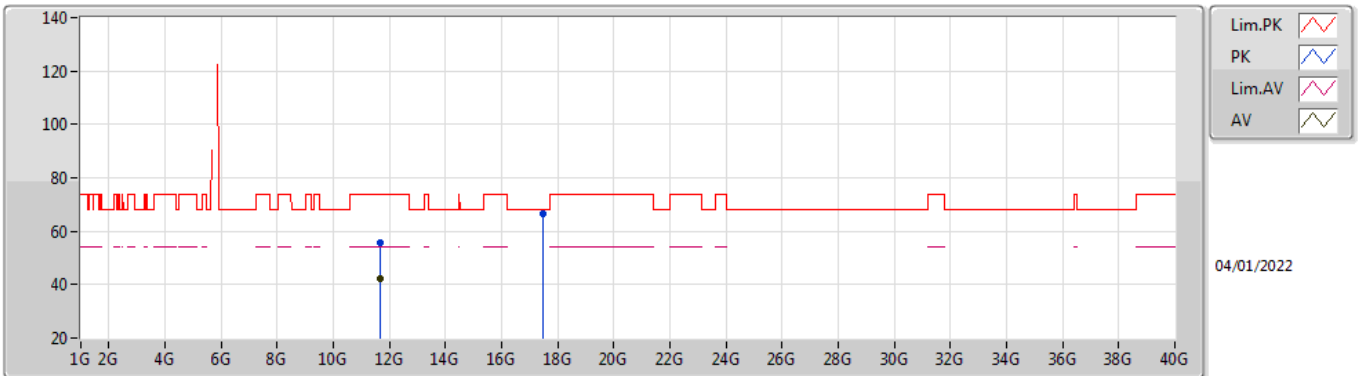


EUT X_8TX
Setting 24
01-A-B-4-10

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	5.64G	62.81	68.20	-5.39	55.08	3	Horizontal	29	2.09	-	34.04	6.60	32.91	
PK	5.829G	127.24	Inf	-Inf	118.94	3	Horizontal	29	2.09	-	34.63	6.60	32.93	
AV	5.829G	115.59	Inf	-Inf	107.29	3	Horizontal	29	2.09	-	34.63	6.60	32.93	
PK	5.926G	61.99	68.20	-6.21	53.33	3	Horizontal	29	2.09	-	35.00	6.60	32.94	

802.11ax HEW20_Nss1,(MCS0)_8TX

5825MHz_TnomVnom

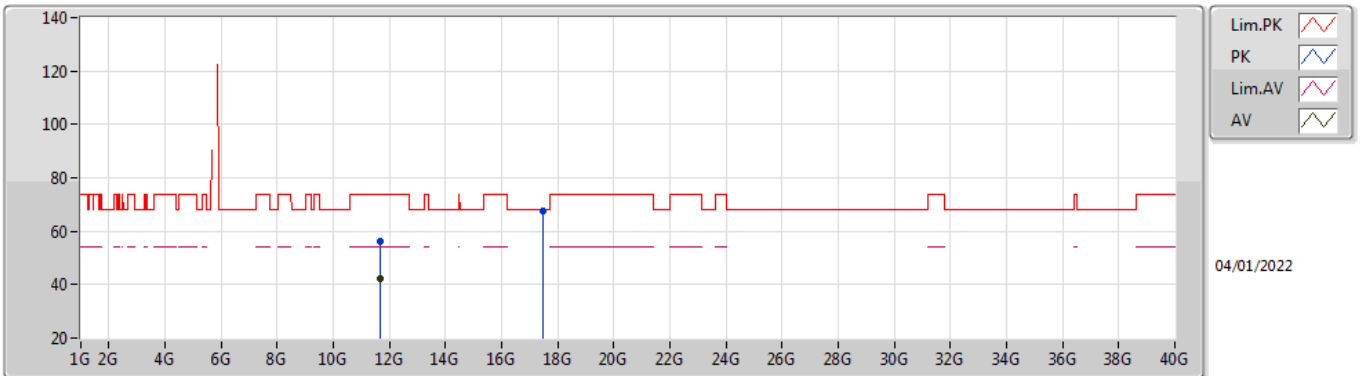


EUT X_8TX
Setting 24
01-A-B-4

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	11.65678G	55.81	74.00	-18.19	41.13	3	Vertical	320	1.75	-	38.60	8.91	32.83
AV	11.65732G	42.24	54.00	-11.76	27.56	3	Vertical	320	1.75	-	38.60	8.91	32.83
PK	17.47506G	66.77	68.20	-1.43	45.43	3	Vertical	34	1.05	-	42.28	10.94	31.88

802.11ax HEW20_Nss1,(MCS0)_8TX

5825MHz_TnomVnom

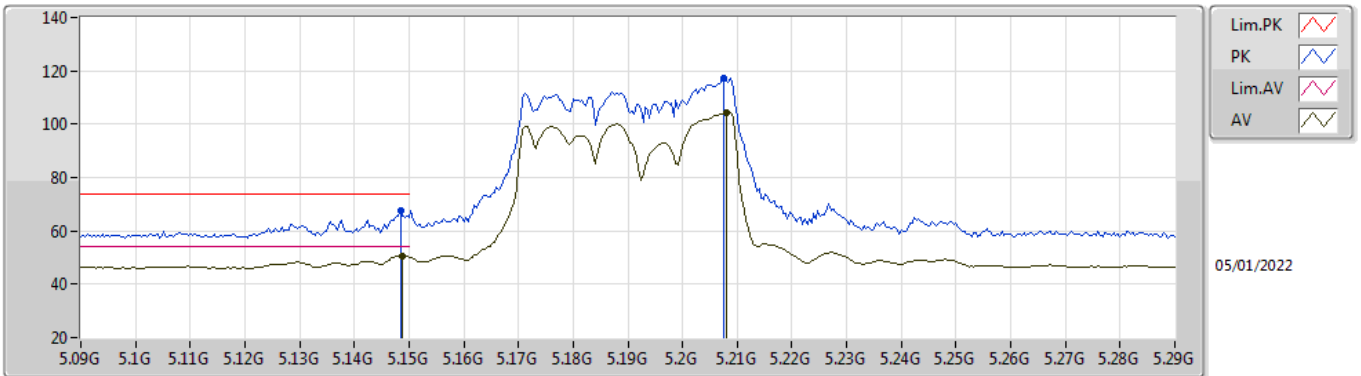


EUT X_8TX
Setting 24
01-A-B-4

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	11.6518G	55.98	74.00	-18.02	41.30	3	Horizontal	218	1.18	-	38.60	8.91	32.83
AV	11.656G	42.41	54.00	-11.59	27.73	3	Horizontal	218	1.18	-	38.60	8.91	32.83
PK	17.46474G	67.39	68.20	-0.81	46.08	3	Horizontal	321	1.84	-	42.26	10.94	31.89

802.11ax HEW40_Nss1,(MCS0)_8TX

5190MHz_TnomVnom

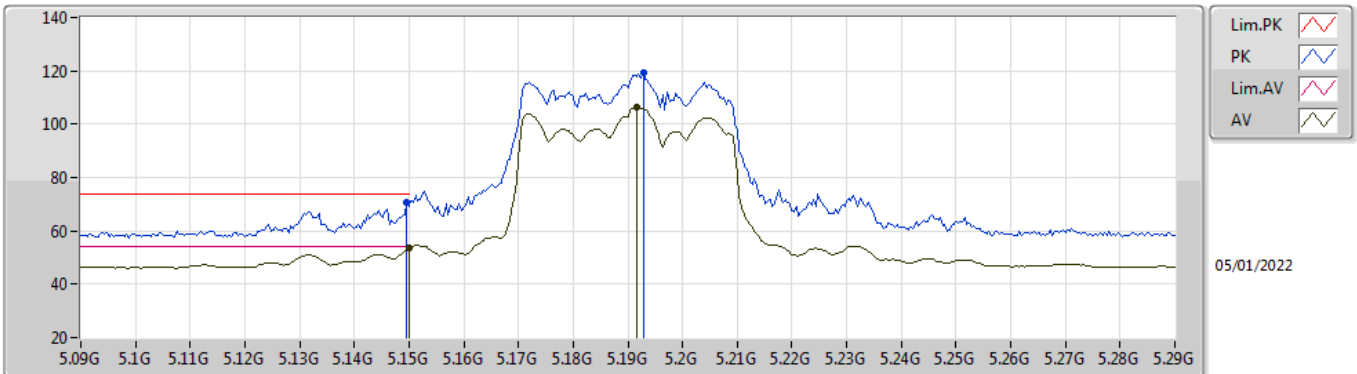


EUT X_8TX
Setting 15
01-A-B-4-10

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	5.1484G	67.54	74.00	-6.46	61.41	3	Vertical	326	1.90	-	32.70	6.37	32.94	
AV	5.1488G	50.76	54.00	-3.24	44.63	3	Vertical	326	1.90	-	32.70	6.37	32.94	
PK	5.2076G	117.29	Inf	-Inf	111.11	3	Vertical	326	1.90	-	32.72	6.40	32.94	
AV	5.208G	104.52	Inf	-Inf	98.34	3	Vertical	326	1.90	-	32.72	6.40	32.94	

802.11ax HEW40_Nss1,(MCS0)_8TX

5190MHz_TnomVnom

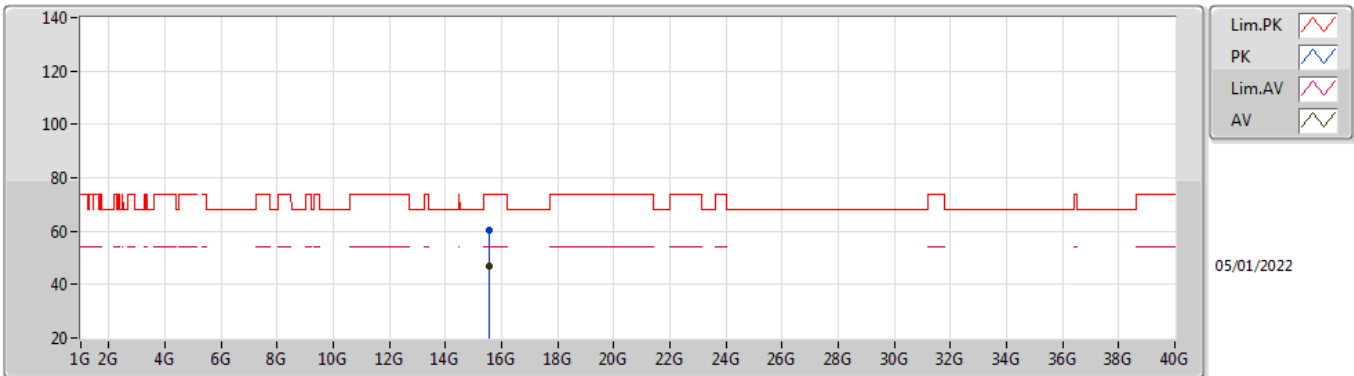


EUT_X_8TX
Setting 15
01-A-B-4-10

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	5.1496G	70.55	74.00	-3.45	64.42	3	Horizontal	332	1.19	-	32.70	6.37	32.94	
AV	5.15G	53.57	54.00	-0.43	47.44	3	Horizontal	332	1.19	-	32.70	6.37	32.94	
PK	5.1928G	119.36	Inf	-Inf	113.20	3	Horizontal	332	1.19	-	32.70	6.40	32.94	
AV	5.1916G	106.55	Inf	-Inf	100.39	3	Horizontal	332	1.19	-	32.70	6.40	32.94	

802.11ax HEW40_Nss1,(MCS0)_8TX

5190MHz_TnomVnom

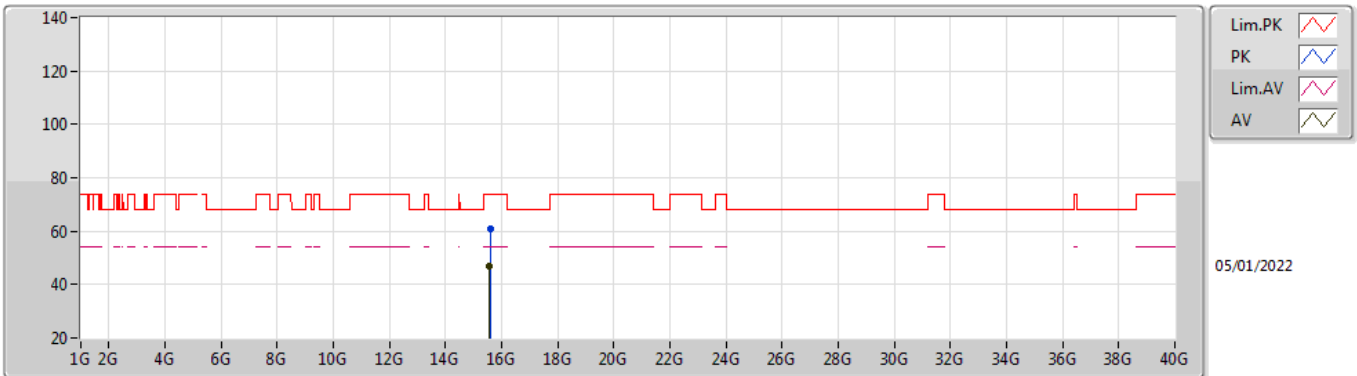


EUT X_8TX
Setting 15
01-A-B-4

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	15.5576G	60.42	74.00	-13.58	44.89	3	Vertical	116	1.58	-	37.97	10.37	32.81	
AV	15.55448G	46.94	54.00	-7.06	31.40	3	Vertical	116	1.58	-	37.98	10.37	32.81	

802.11ax HEW40_Nss1,(MCS0)_8TX

5190MHz_TnomVnom

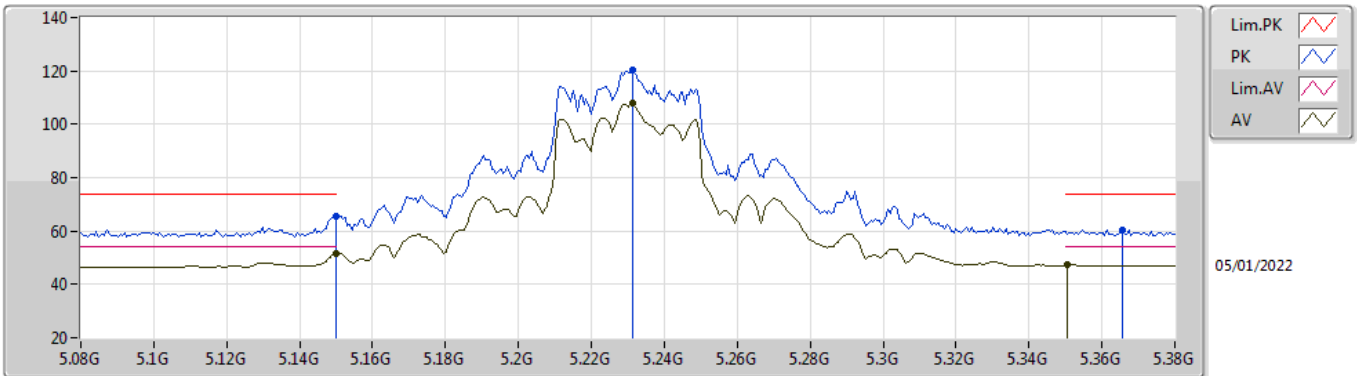


EUT X_8TX
Setting 15
01-A-B-4

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	15.58312G	61.07	74.00	-12.93	45.64	3	Horizontal	48	1.80	-	37.87	10.37	32.81	
AV	15.58152G	47.13	54.00	-6.87	31.70	3	Horizontal	48	1.80	-	37.87	10.37	32.81	

802.11ax HEW40_Nss1,(MCS0)_8TX

5230MHz_TnomVnom

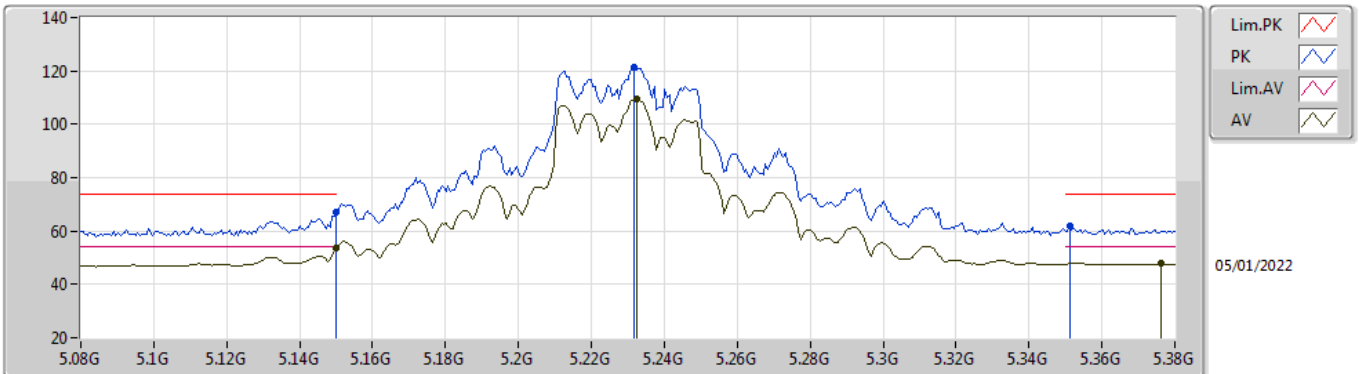


EUT X_8TX
Setting 18.5
01-A-B-4-10

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	5.15G	65.72	74.00	-8.28	59.59	3	Vertical	333	1.77	-	32.70	6.37	32.94
AV	5.15G	51.44	54.00	-2.56	45.31	3	Vertical	333	1.77	-	32.70	6.37	32.94
PK	5.2312G	120.13	Inf	-Inf	113.90	3	Vertical	333	1.77	-	32.76	6.40	32.93
AV	5.2312G	107.80	Inf	-Inf	101.57	3	Vertical	333	1.77	-	32.76	6.40	32.93
PK	5.3656G	60.24	74.00	-13.76	53.70	3	Vertical	333	1.77	-	33.06	6.40	32.92
AV	5.3506G	47.24	54.00	-6.76	40.76	3	Vertical	333	1.77	-	33.00	6.40	32.92

802.11ax HEW40_Nss1,(MCS0)_8TX

5230MHz_TnomVnom

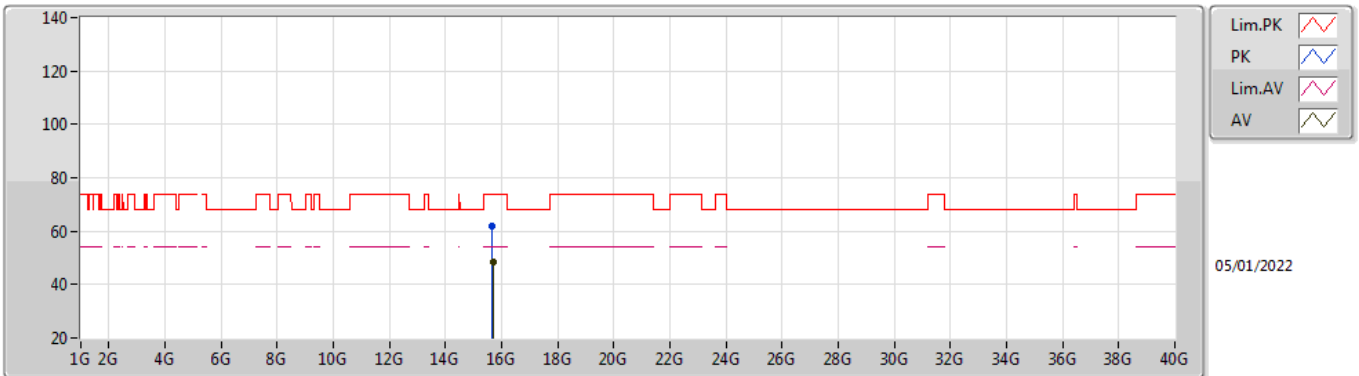


EUT X_8TX
Setting 18.5
01-A-B-4-10

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	5.15G	66.88	74.00	-7.12	60.75	3	Horizontal	331	1.04	-	32.70	6.37	32.94	
AV	5.15G	53.76	54.00	-0.24	47.63	3	Horizontal	331	1.04	-	32.70	6.37	32.94	
PK	5.2318G	121.50	Inf	-Inf	115.27	3	Horizontal	331	1.04	-	32.76	6.40	32.93	
AV	5.2324G	109.31	Inf	-Inf	103.08	3	Horizontal	331	1.04	-	32.76	6.40	32.93	
PK	5.3512G	62.15	74.00	-11.85	55.67	3	Horizontal	331	1.04	-	33.00	6.40	32.92	
AV	5.3764G	48.12	54.00	-5.88	41.52	3	Horizontal	331	1.04	-	33.11	6.40	32.91	

802.11ax HEW40_Nss1,(MCS0)_8TX

5230MHz_TnomVnom

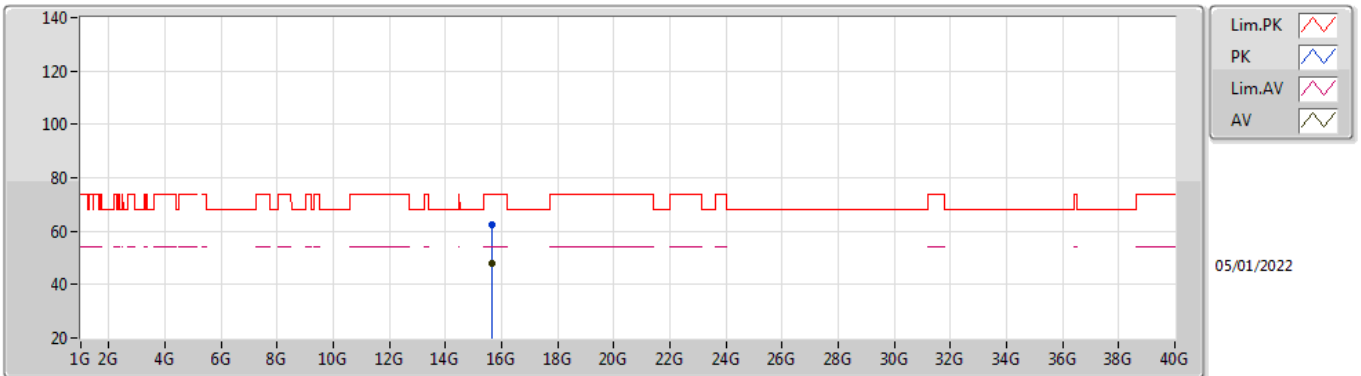


EUT X_8TX
Setting 18.5
01-A-B-4

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	15.67584G	61.95	74.00	-12.05	46.62	3	Vertical	13	2.39	-	37.72	10.40	32.79
AV	15.69496G	48.40	54.00	-5.60	33.07	3	Vertical	13	2.39	-	37.71	10.41	32.79

802.11ax HEW40_Nss1,(MCS0)_8TX

5230MHz_TnomVnom

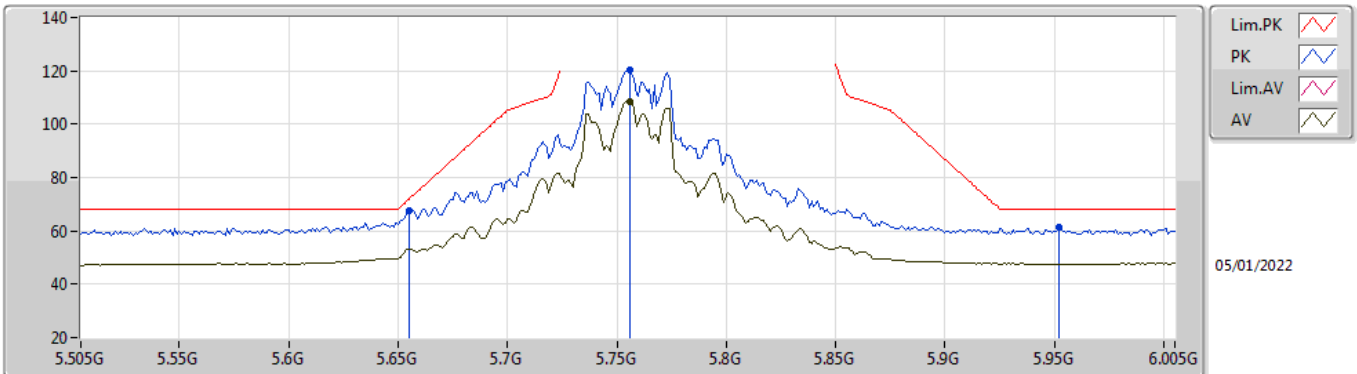


EUT X_8TX
Setting 18.5
01-A-B-4

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	15.67536G	62.22	74.00	-11.78	46.89	3	Horizontal	60	1.80	-	37.72	10.40	32.79
AV	15.67568G	47.93	54.00	-6.07	32.60	3	Horizontal	60	1.80	-	37.72	10.40	32.79

802.11ax HEW40_Nss1,(MCS0)_8TX

5755MHz_TnomVnom

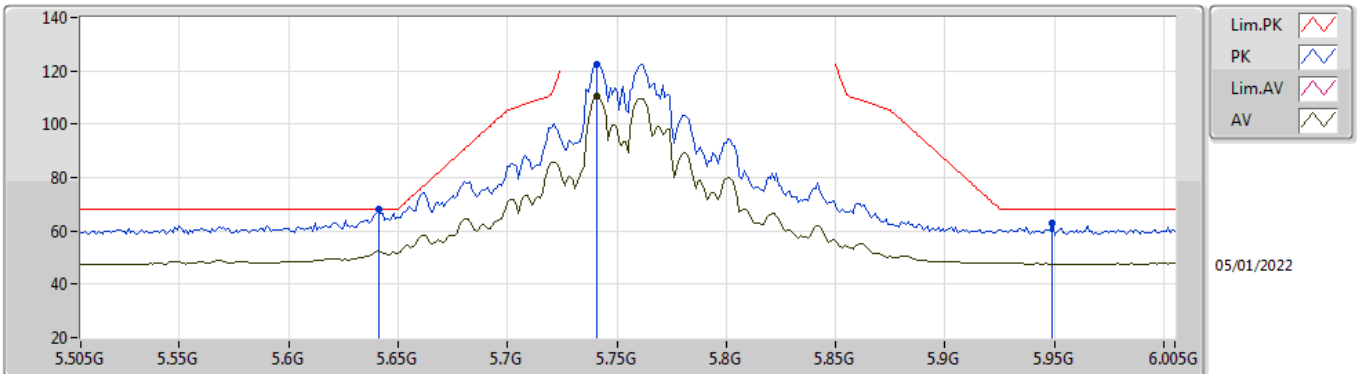


EUT X_8TX
Setting 18.5
01-A-B-4-10

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	5.655G	67.83	71.90	-4.07	60.06	3	Vertical	29	1.77	-	34.09	6.60	32.92
PK	5.756G	120.60	Inf	-Inf	112.53	3	Vertical	29	1.77	-	34.40	6.60	32.93
AV	5.756G	108.64	Inf	-Inf	100.57	3	Vertical	29	1.77	-	34.40	6.60	32.93
PK	5.952G	61.15	68.20	-7.05	52.39	3	Vertical	29	1.77	-	35.11	6.60	32.95

802.11ax HEW40_Nss1,(MCS0)_8TX

5755MHz_TnomVnom

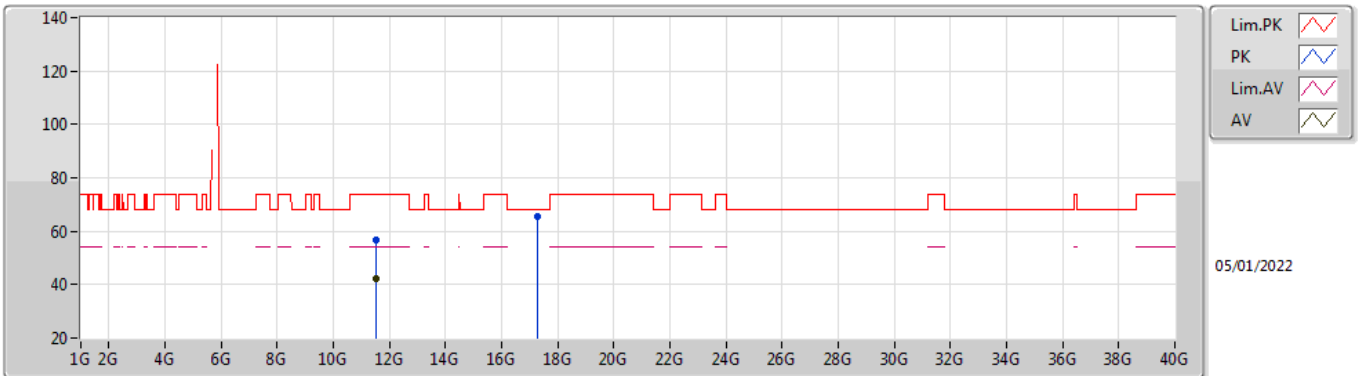


EUT_X_8TX
Setting 18.5
01-A-B-4-10

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	5.641G	67.95	68.20	-0.25	60.21	3	Horizontal	328	1.80	-	34.05	6.60	32.91
PK	5.741G	122.60	Inf	-Inf	114.59	3	Horizontal	328	1.80	-	34.33	6.60	32.92
AV	5.741G	110.37	Inf	-Inf	102.36	3	Horizontal	328	1.80	-	34.33	6.60	32.92
PK	5.949G	63.00	68.20	-5.20	54.24	3	Horizontal	328	1.80	-	35.10	6.60	32.94

802.11ax HEW40_Nss1,(MCS0)_8TX

5755MHz_TnomVnom

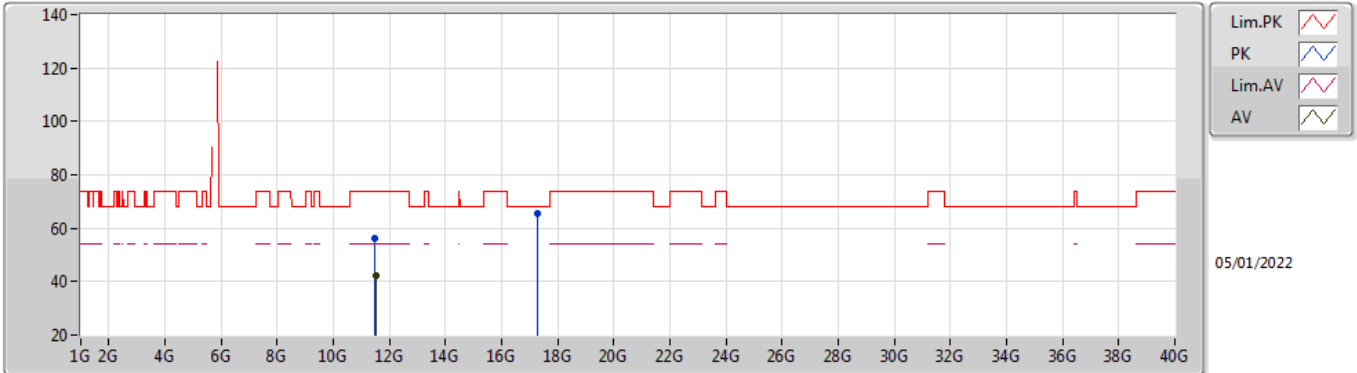


EUT X_8TX
Setting 18.5
01-A-B-4

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	11.5192G	56.61	74.00	-17.39	42.10	3	Vertical	156	2.88	-	38.44	8.88	32.81
AV	11.5172G	42.35	54.00	-11.65	27.85	3	Vertical	156	2.88	-	38.43	8.88	32.81
PK	17.25684G	65.52	68.20	-2.68	44.76	3	Vertical	287	2.36	-	41.88	10.88	32.00

802.11ax HEW40_Nss1,(MCS0)_8TX

5755MHz_TnomVnom

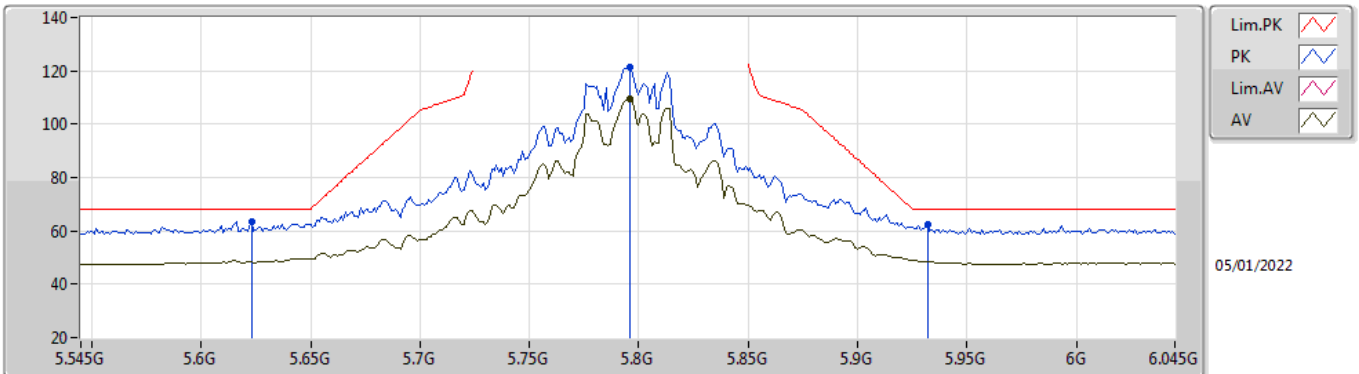


EUT X_8TX
Setting 18.5
01-A-B-4

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	11.49552G	55.99	74.00	-18.01	41.53	3	Horizontal	196	1.83	-	38.40	8.87	32.81	
AV	11.50616G	42.38	54.00	-11.62	27.90	3	Horizontal	196	1.83	-	38.41	8.88	32.81	
PK	17.25836G	65.56	68.20	-2.64	44.79	3	Horizontal	284	1.80	-	41.89	10.88	32.00	

802.11ax HEW40_Nss1,(MCS0)_8TX

5795MHz_TnomVnom

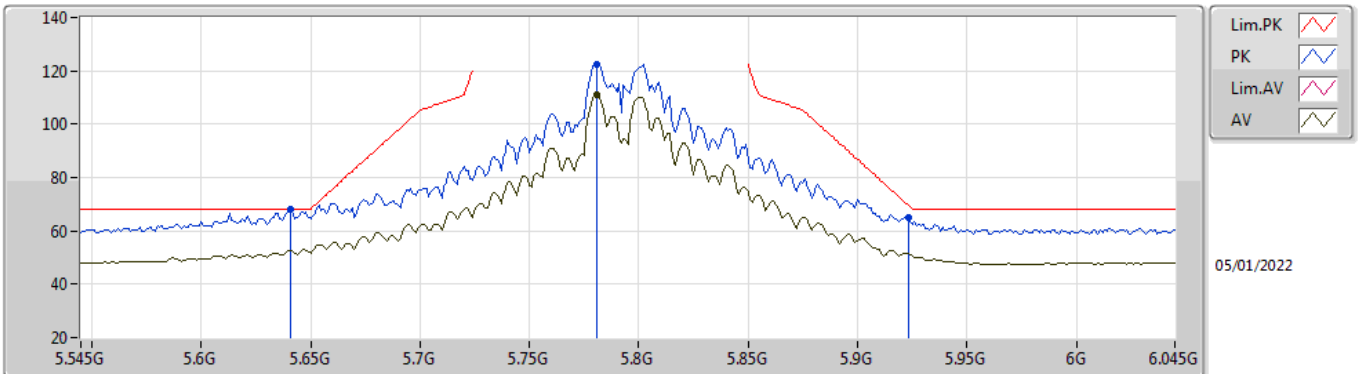


EUT X_8TX
Setting 19
01-A-B-4-10

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	5.623G	63.31	68.20	-4.89	55.68	3	Vertical	28	1.76	-	33.94	6.60	32.91
PK	5.796G	121.40	Inf	-Inf	113.33	3	Vertical	28	1.76	-	34.40	6.60	32.93
AV	5.796G	109.52	Inf	-Inf	101.45	3	Vertical	28	1.76	-	34.40	6.60	32.93
PK	5.932G	62.17	68.20	-6.03	53.48	3	Vertical	28	1.76	-	35.03	6.60	32.94

802.11ax HEW40_Nss1,(MCS0)_8TX

5795MHz_TnomVnom

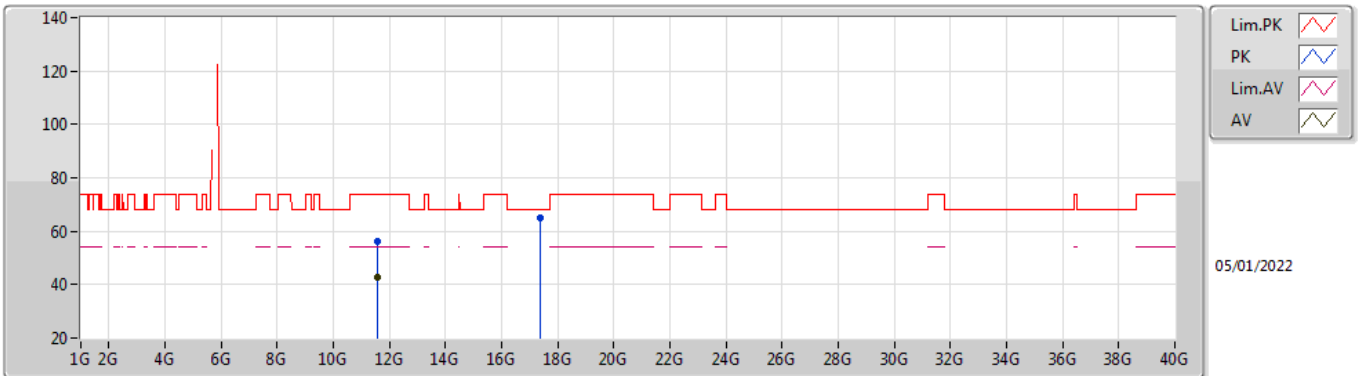


EUT X_8TX
Setting 19
01-A-B-4-10

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	5.641G	68.13	68.20	-0.07	60.39	3	Horizontal	331	1.80	-	34.05	6.60	32.91	
PK	5.781G	122.56	Inf	-Inf	114.49	3	Horizontal	331	1.80	-	34.40	6.60	32.93	
AV	5.781G	110.88	Inf	-Inf	102.81	3	Horizontal	331	1.80	-	34.40	6.60	32.93	
PK	5.923G	65.01	69.68	-4.67	56.36	3	Horizontal	331	1.80	-	34.99	6.60	32.94	

802.11ax HEW40_Nss1,(MCS0)_8TX

5795MHz_TnomVnom

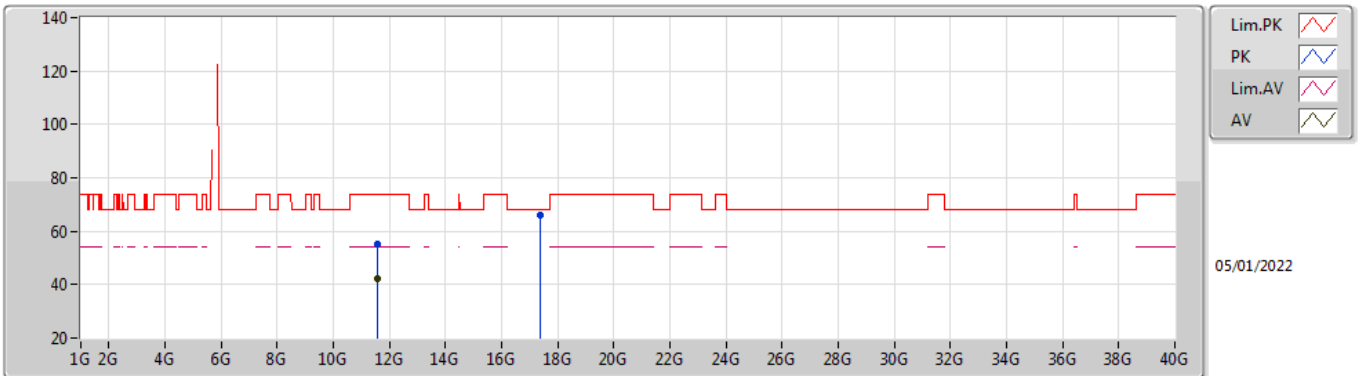


EUT X_8TX
Setting 19
01-A-B-4

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	11.57232G	56.12	74.00	-17.88	41.51	3	Vertical	22	1.82	-	38.54	8.89	32.82
AV	11.58984G	42.60	54.00	-11.40	27.94	3	Vertical	22	1.82	-	38.58	8.90	32.82
PK	17.3966G	65.15	68.20	-3.05	43.95	3	Vertical	275	2.35	-	42.20	10.92	31.92

802.11ax HEW40_Nss1,(MCS0)_8TX

5795MHz_TnomVnom

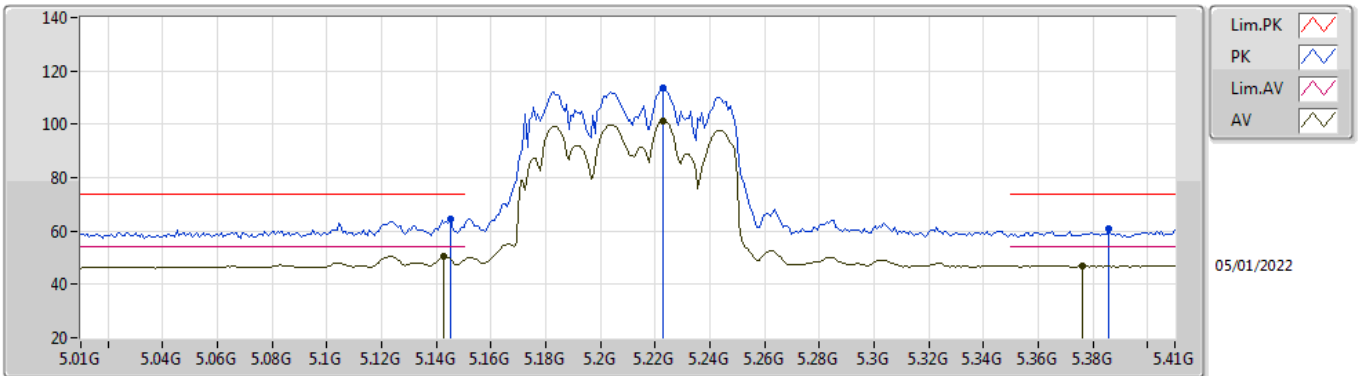


EUT X_8TX
Setting 19
01-A-B-4

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	11.57144G	55.23	74.00	-18.77	40.62	3	Horizontal	100	1.97	-	38.54	8.89	32.82	
AV	11.59008G	42.47	54.00	-11.53	27.81	3	Horizontal	100	1.97	-	38.58	8.90	32.82	
PK	17.3846G	66.10	68.20	-2.10	44.93	3	Horizontal	312	1.80	-	42.18	10.92	31.93	

802.11ax HEW80_Nss1,(MCS0)_8TX

5210MHz_TnomVnom

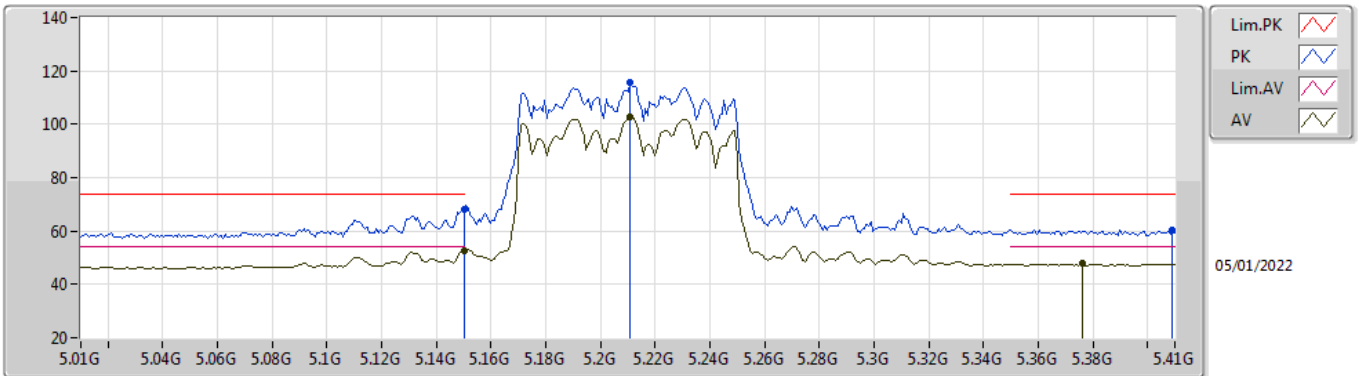


EUT X_8TX
Setting 14
01-A-B-4-10

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	5.1452G	64.63	74.00	-9.37	58.49	3	Vertical	302	1.80	-	32.71	6.37	32.94
AV	5.1428G	50.33	54.00	-3.67	44.19	3	Vertical	302	1.80	-	32.71	6.37	32.94
PK	5.2228G	113.38	Inf	-Inf	107.16	3	Vertical	302	1.80	-	32.75	6.40	32.93
AV	5.2228G	101.21	Inf	-Inf	94.99	3	Vertical	302	1.80	-	32.75	6.40	32.93
PK	5.386G	60.66	74.00	-13.34	54.03	3	Vertical	302	1.80	-	33.14	6.40	32.91
AV	5.3764G	47.10	54.00	-6.90	40.50	3	Vertical	302	1.80	-	33.11	6.40	32.91

802.11ax HEW80_Nss1,(MCS0)_8TX

5210MHz_TnomVnom

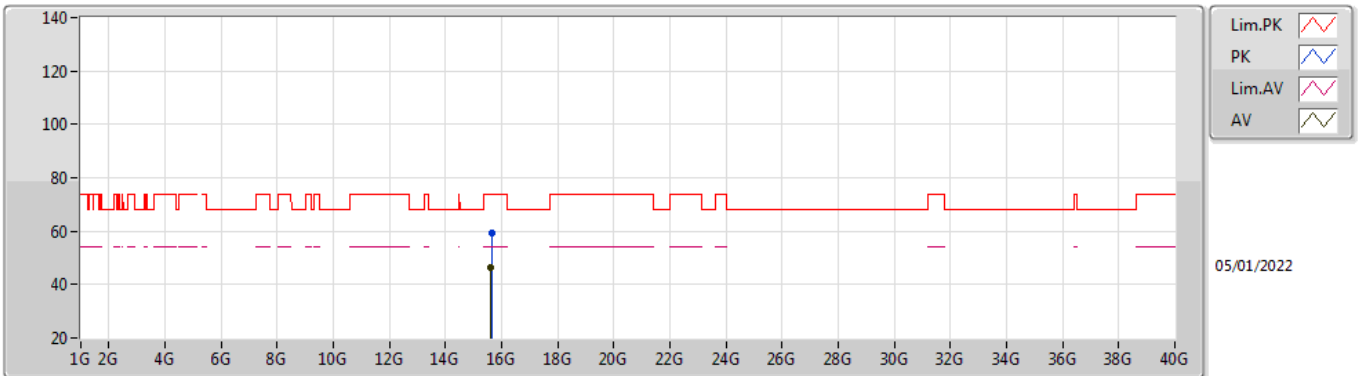


EUT X_8TX
Setting 14
01-A-B-4-10

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	5.15G	68.10	74.00	-5.90	61.97	3	Horizontal	338	1.18	-	32.70	6.37	32.94
AV	5.15G	52.77	54.00	-1.23	46.64	3	Horizontal	338	1.18	-	32.70	6.37	32.94
PK	5.2108G	115.47	Inf	-Inf	109.28	3	Horizontal	338	1.18	-	32.72	6.40	32.93
AV	5.2108G	102.92	Inf	-Inf	96.73	3	Horizontal	338	1.18	-	32.72	6.40	32.93
PK	5.4092G	60.57	74.00	-13.43	53.78	3	Horizontal	338	1.18	-	33.29	6.41	32.91
AV	5.3764G	47.95	54.00	-6.05	41.35	3	Horizontal	338	1.18	-	33.11	6.40	32.91

802.11ax HEW80_Nss1,(MCS0)_8TX

5210MHz_TnomVnom

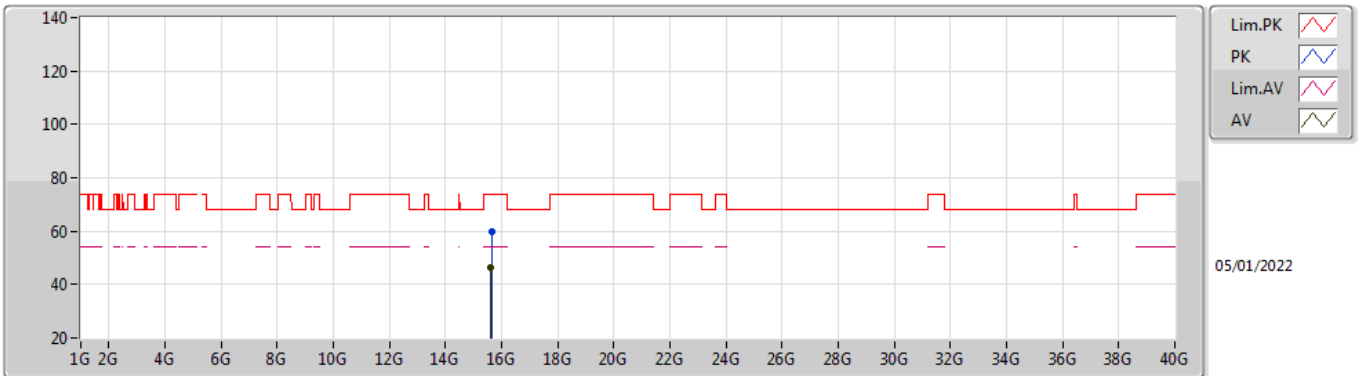


EUT X_8TX
Setting 14
01-A-B-4

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	15.632G	59.40	74.00	-14.60	44.04	3	Vertical	51	2.04	-	37.77	10.39	32.80
AV	15.61328G	46.50	54.00	-7.50	31.13	3	Vertical	51	2.04	-	37.79	10.38	32.80

802.11ax HEW80_Nss1,(MCS0)_8TX

5210MHz_TnomVnom

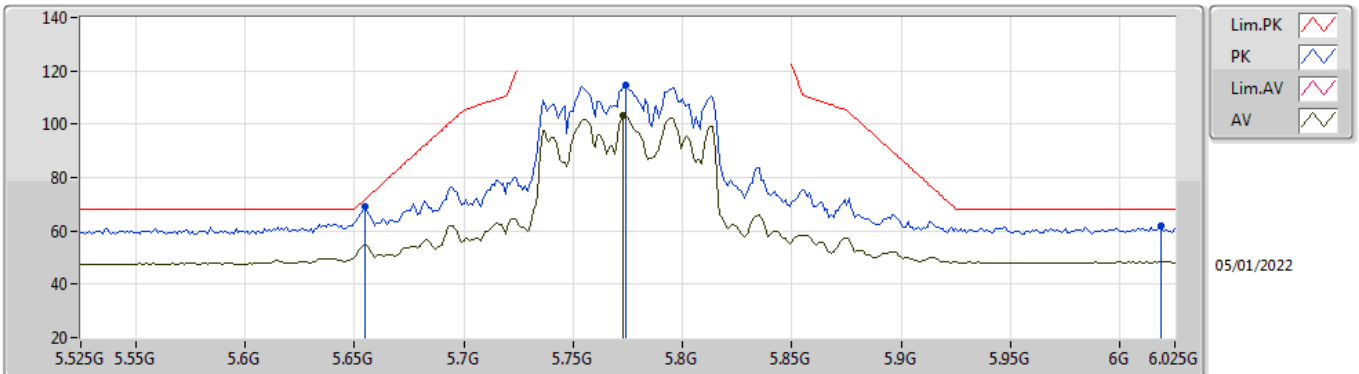


EUT X_8TX
Setting 14
01-A-B-4

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	15.63824G	59.87	74.00	-14.13	44.52	3	Horizontal	154	2.27	-	37.76	10.39	32.80
AV	15.61024G	46.58	54.00	-7.42	31.21	3	Horizontal	154	2.27	-	37.79	10.38	32.80

802.11ax HEW80_Nss1,(MCS0)_8TX

5775MHz_TnomVnom

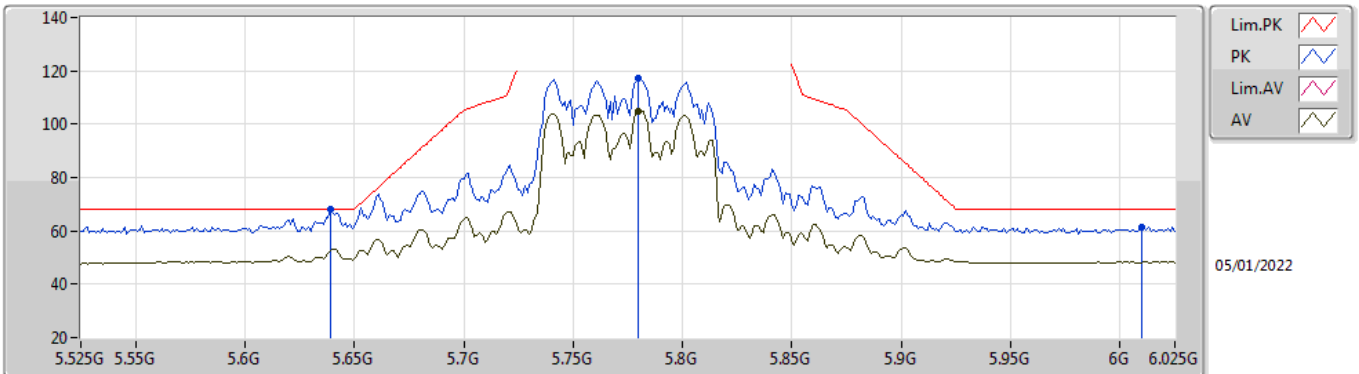


EUT X_8TX
Setting 15
01-A-B-4-10

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	5.655G	69.17	71.90	-2.73	61.40	3	Vertical	28	1.79	-	34.09	6.60	32.92	
PK	5.774G	114.58	Inf	-Inf	106.51	3	Vertical	28	1.79	-	34.40	6.60	32.93	
AV	5.773G	103.02	Inf	-Inf	94.95	3	Vertical	28	1.79	-	34.40	6.60	32.93	
PK	6.019G	61.83	68.20	-6.37	52.89	3	Vertical	28	1.79	-	35.26	6.63	32.95	

802.11ax HEW80_Nss1,(MCS0)_8TX

5775MHz_TnomVnom

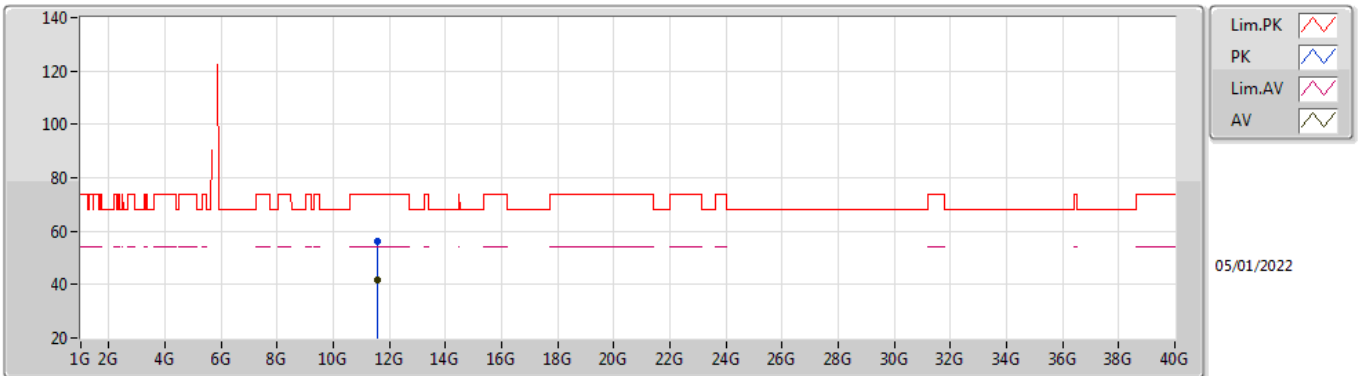


EUT X_8TX
Setting 15
01-A-B-4-10

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	5.639G	67.97	68.20	-0.23	60.25	3	Horizontal	328	1.88	-	34.03	6.60	32.91	
PK	5.78G	117.10	Inf	-Inf	109.03	3	Horizontal	328	1.88	-	34.40	6.60	32.93	
AV	5.78G	105.06	Inf	-Inf	96.99	3	Horizontal	328	1.88	-	34.40	6.60	32.93	
PK	6.01G	61.52	68.20	-6.68	52.57	3	Horizontal	328	1.88	-	35.28	6.62	32.95	

802.11ax HEW80_Nss1,(MCS0)_8TX

5775MHz_TnomVnom

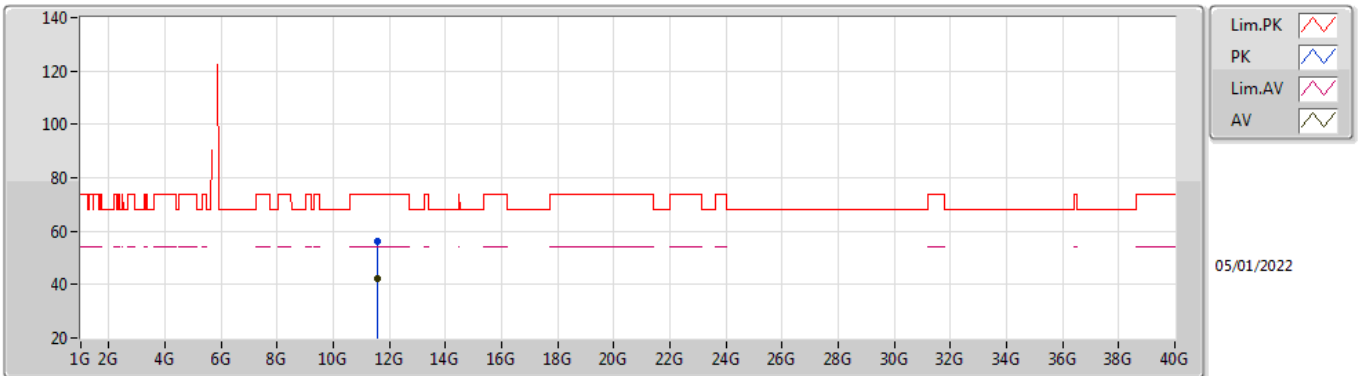


EUT X_8TX
Setting 15
01-A-B-4

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	11.5548G	55.95	74.00	-18.05	41.37	3	Vertical	75	2.02	-	38.51	8.89	32.82	
AV	11.56824G	41.96	54.00	-12.04	27.35	3	Vertical	75	2.02	-	38.54	8.89	32.82	

802.11ax HEW80_Nss1,(MCS0)_8TX

5775MHz_TnomVnom



EUT X_8TX
Setting 15
01-A-B-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	11.55136G	56.20	74.00	-17.80	41.63	3	Horizontal	250	2.30	-	38.50	8.89	32.82	
AV	11.55024G	42.09	54.00	-11.91	27.52	3	Horizontal	250	2.30	-	38.50	8.89	32.82	

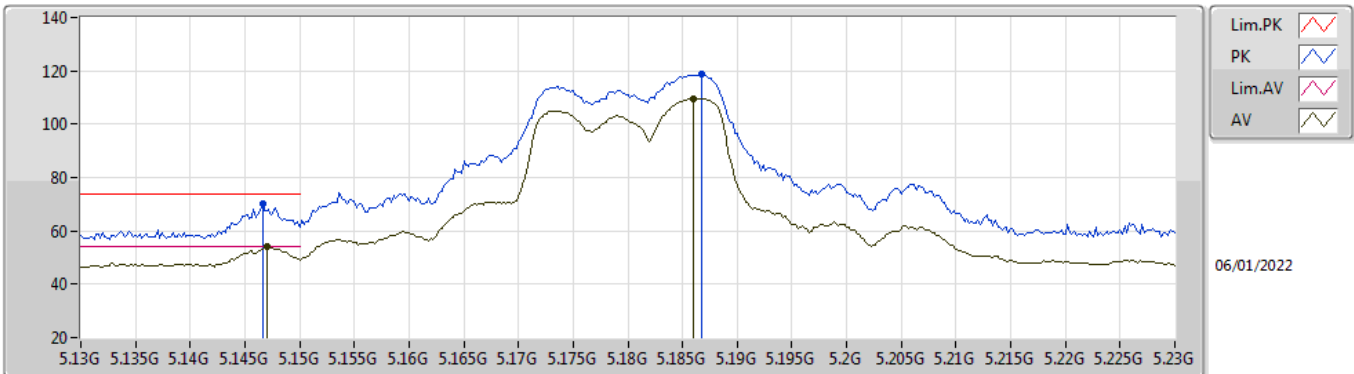


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	AV	5.15G	53.92	54.00	-0.08	3	Vertical	297	1.80	-

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

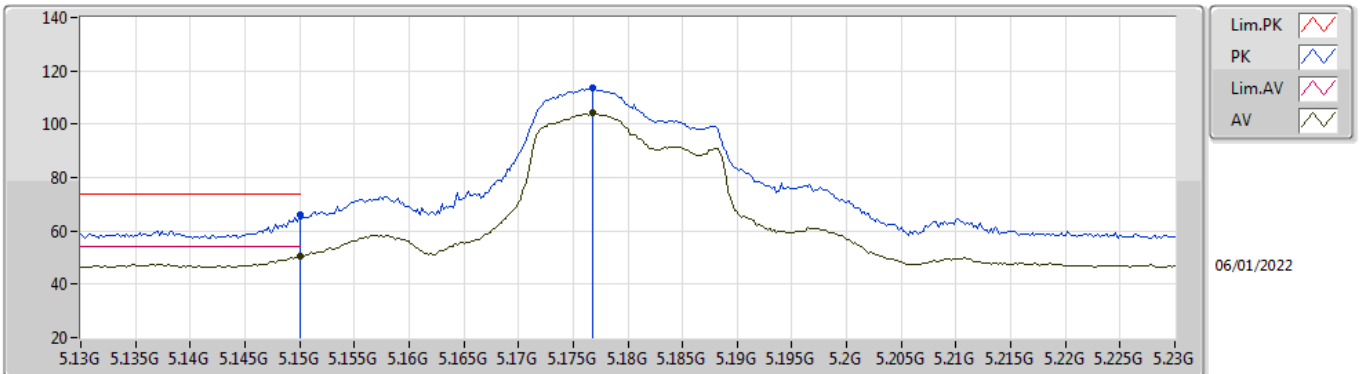


EUT_X_4TX
Setting 16.5
01-A-B-4-10

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	5.1466G	70.05	74.00	-3.95	63.91	3	Vertical	297	1.90	-	32.71	6.37	32.94	
AV	5.147G	53.91	54.00	-0.09	47.77	3	Vertical	297	1.90	-	32.71	6.37	32.94	
PK	5.1868G	118.54	Inf	-Inf	112.39	3	Vertical	297	1.90	-	32.70	6.39	32.94	
AV	5.186G	109.62	Inf	-Inf	103.47	3	Vertical	297	1.90	-	32.70	6.39	32.94	

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

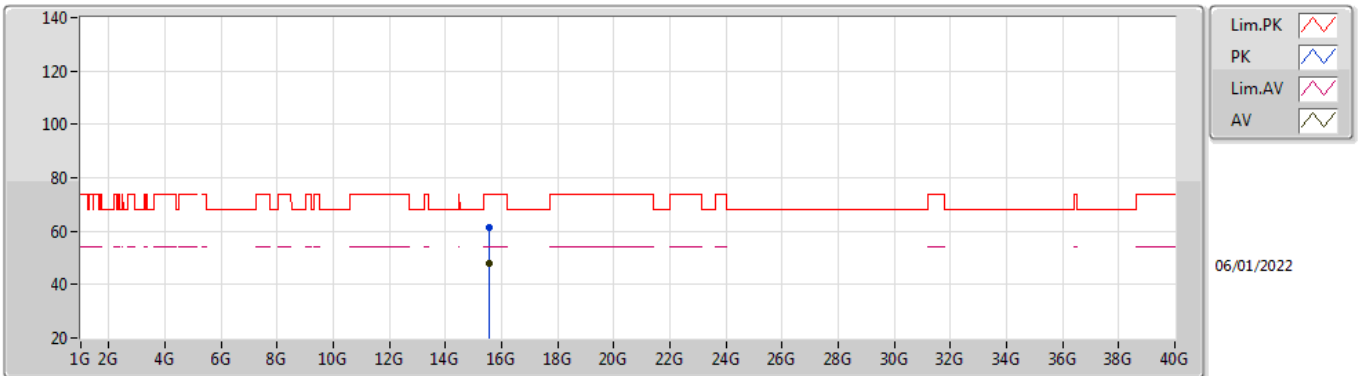


EUT_X_4TX
Setting 16.5
01-A-B-4-10

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	5.15G	65.88	74.00	-8.12	59.75	3	Horizontal	339	2.13	-	32.70	6.37	32.94
AV	5.15G	50.44	54.00	-3.56	44.31	3	Horizontal	339	2.13	-	32.70	6.37	32.94
PK	5.1768G	113.45	Inf	-Inf	107.30	3	Horizontal	339	2.13	-	32.70	6.39	32.94
AV	5.1768G	104.09	Inf	-Inf	97.94	3	Horizontal	339	2.13	-	32.70	6.39	32.94

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

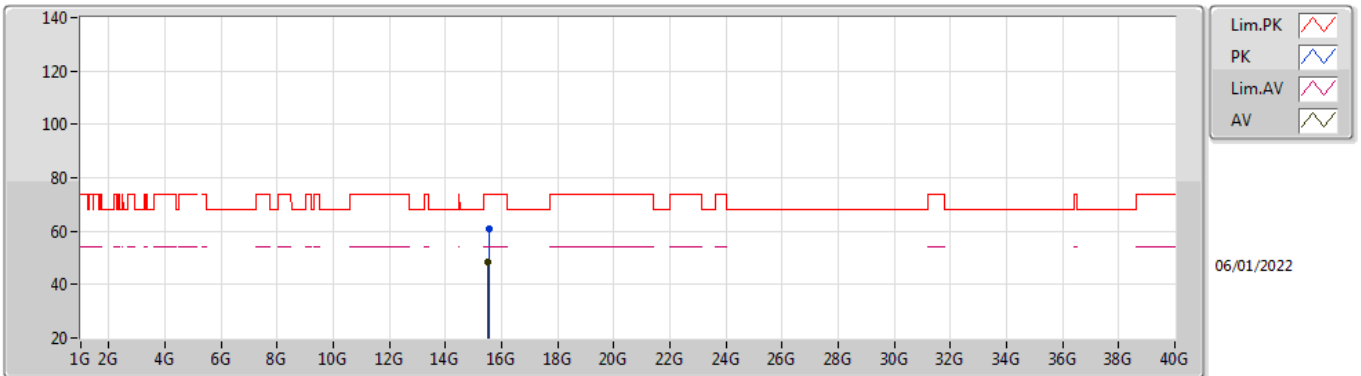


EUT_X_4TX
Setting 16.5
01-A-B-4

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	15.53604G	61.46	74.00	-12.54	45.85	3	Vertical	190	2.04	-	38.06	10.36	32.81	
AV	15.53418G	48.03	54.00	-5.97	32.42	3	Vertical	190	2.04	-	38.06	10.36	32.81	

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

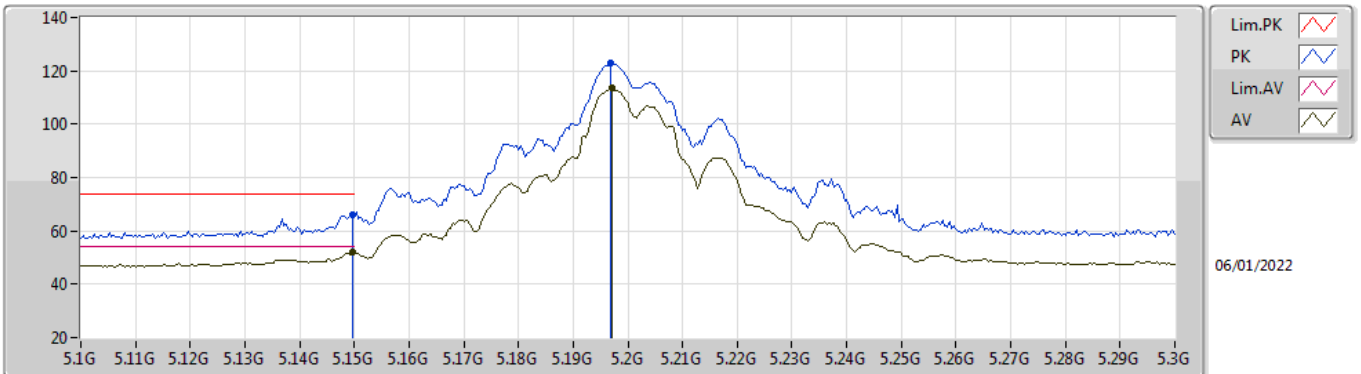


EUT_X_4TX
Setting 16.5
01-A-B-4

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	15.5358G	61.06	74.00	-12.94	45.45	3	Horizontal	22	2.85	-	38.06	10.36	32.81	
AV	15.52716G	48.31	54.00	-5.69	32.68	3	Horizontal	22	2.85	-	38.09	10.36	32.82	

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

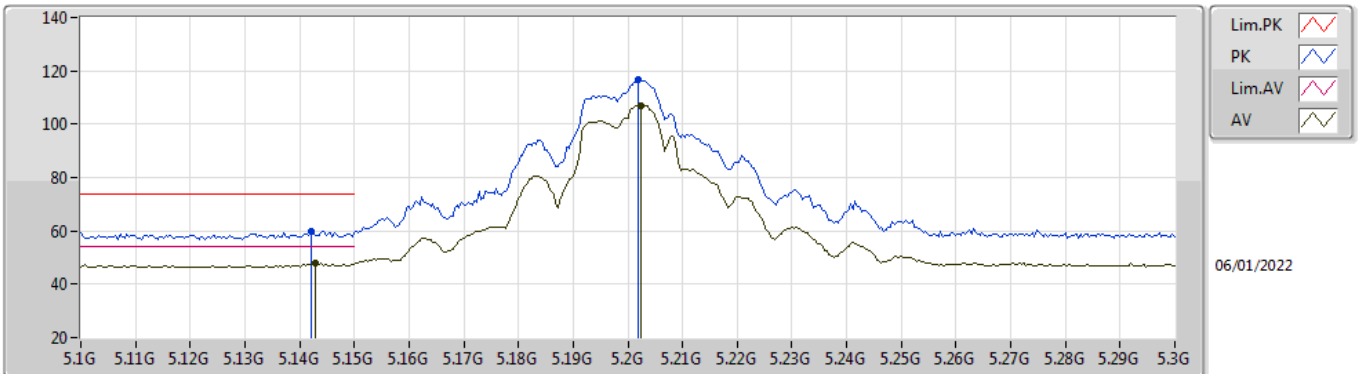


EUT_X_4TX
Setting 20.5
01-A-B-4-10

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	5.1496G	65.80	74.00	-8.20	59.67	3	Vertical	293	1.80	-	32.70	6.37	32.94	
AV	5.1496G	51.87	54.00	-2.13	45.74	3	Vertical	293	1.80	-	32.70	6.37	32.94	
PK	5.1968G	122.89	Inf	-Inf	116.73	3	Vertical	293	1.80	-	32.70	6.40	32.94	
AV	5.1972G	113.46	Inf	-Inf	107.30	3	Vertical	293	1.80	-	32.70	6.40	32.94	

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

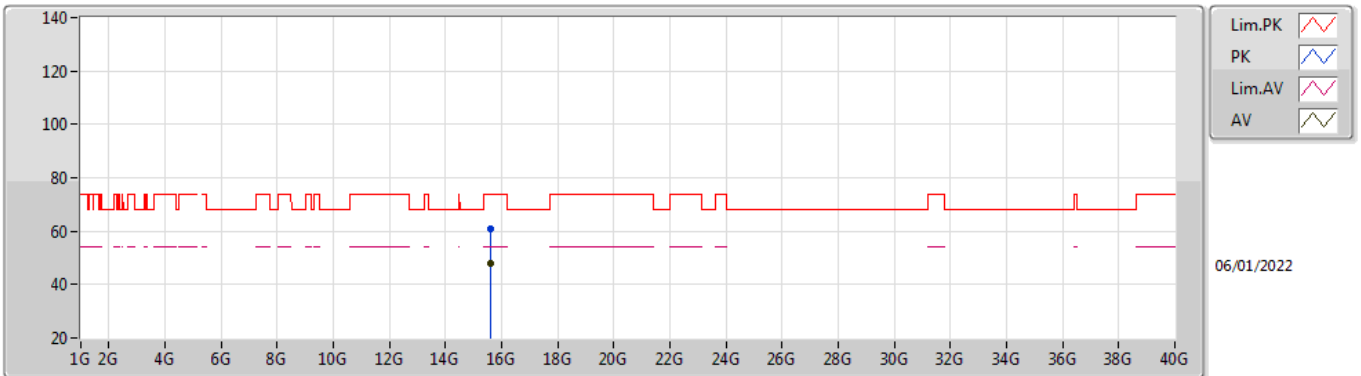


EUT_X_4TX
Setting 20.5
01-A-B-4-10

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	5.142G	59.71	74.00	-14.29	53.56	3	Horizontal	355	2.08	-	32.72	6.37	32.94	
AV	5.1428G	47.89	54.00	-6.11	41.75	3	Horizontal	355	2.08	-	32.71	6.37	32.94	
PK	5.202G	116.82	Inf	-Inf	110.66	3	Horizontal	355	2.08	-	32.70	6.40	32.94	
AV	5.2024G	107.13	Inf	-Inf	100.97	3	Horizontal	355	2.08	-	32.70	6.40	32.94	

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

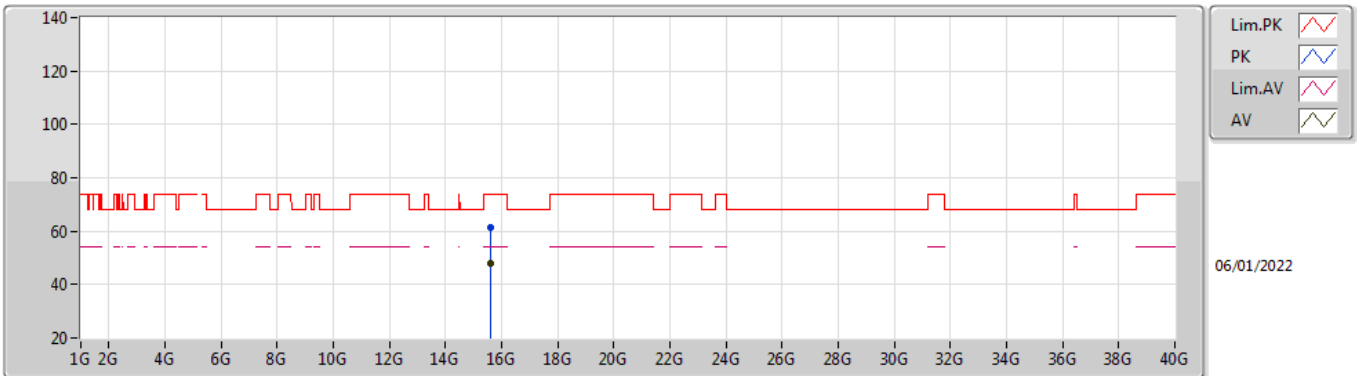


EUT_X_4TX
Setting 20.5
01-A-B-4

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	15.60528G	60.65	74.00	-13.35	45.28	3	Vertical	326	1.04	-	37.79	10.38	32.80	
AV	15.60582G	47.94	54.00	-6.06	32.57	3	Vertical	326	1.04	-	37.79	10.38	32.80	

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

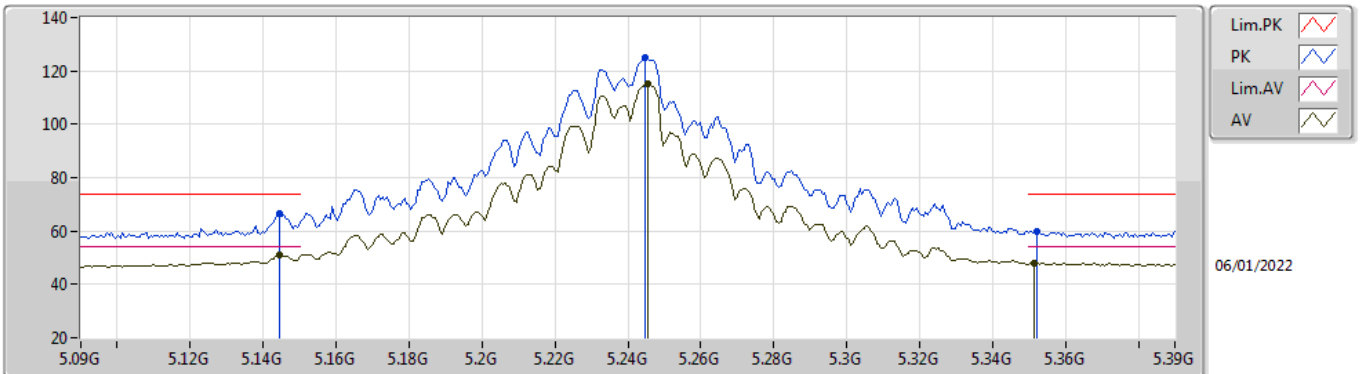


EUT_X_4TX
Setting 20.5
01-A-B-4

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	15.5859G	61.31	74.00	-12.69	45.88	3	Horizontal	258	1.80	-	37.86	10.38	32.81	
AV	15.59916G	47.91	54.00	-6.09	32.53	3	Horizontal	258	1.80	-	37.80	10.38	32.80	

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

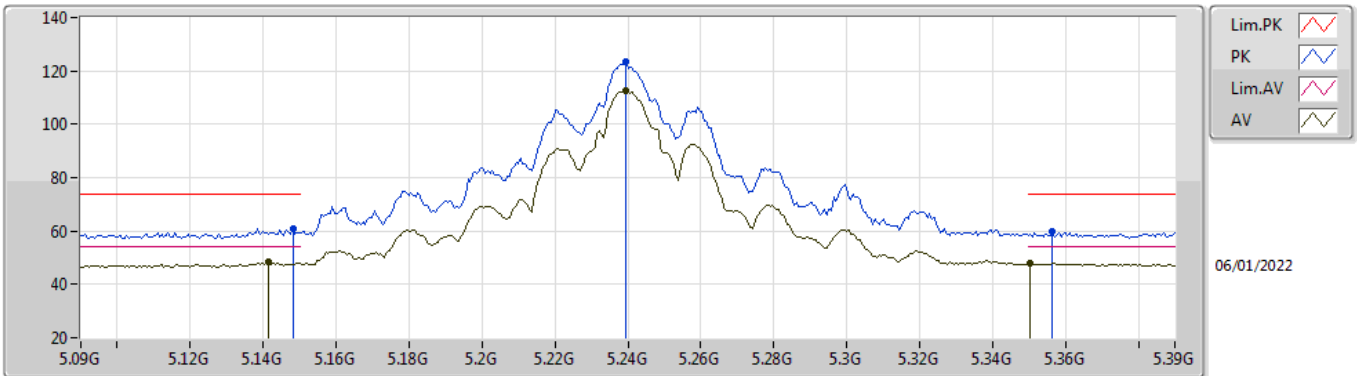


EUT X_4TX
Setting 24
01-A-B-4-10

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	5.1446G	66.37	74.00	-7.63	60.23	3	Vertical	303	2.04	-	32.71	6.37	32.94
AV	5.1446G	50.82	54.00	-3.18	44.68	3	Vertical	303	2.04	-	32.71	6.37	32.94
PK	5.2448G	124.93	Inf	-Inf	118.67	3	Vertical	303	2.04	-	32.79	6.40	32.93
AV	5.2454G	115.22	Inf	-Inf	108.96	3	Vertical	303	2.04	-	32.79	6.40	32.93
PK	5.3522G	59.59	74.00	-14.41	53.10	3	Vertical	303	2.04	-	33.01	6.40	32.92
AV	5.3516G	48.10	54.00	-5.90	41.61	3	Vertical	303	2.04	-	33.01	6.40	32.92

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

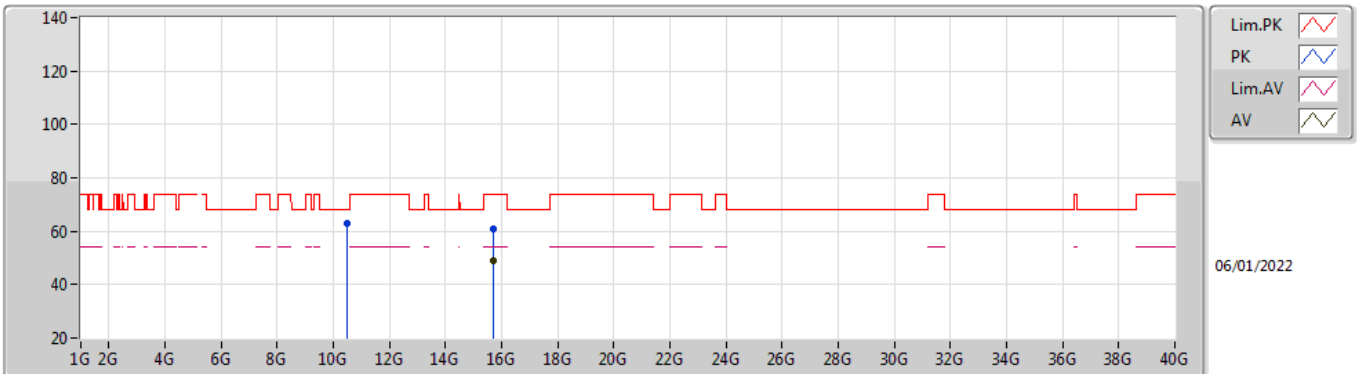


EUT X_4TX
Setting 24
01-A-B-4-10

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	5.1482G	61.07	74.00	-12.93	54.94	3	Horizontal	6	2.98	-	32.70	6.37	32.94
AV	5.1416G	48.39	54.00	-5.61	42.24	3	Horizontal	6	2.98	-	32.72	6.37	32.94
PK	5.2394G	123.40	Inf	-Inf	117.15	3	Horizontal	6	2.98	-	32.78	6.40	32.93
AV	5.2394G	112.74	Inf	-Inf	106.49	3	Horizontal	6	2.98	-	32.78	6.40	32.93
PK	5.3564G	59.82	74.00	-14.18	53.31	3	Horizontal	6	2.98	-	33.03	6.40	32.92
AV	5.3504G	47.83	54.00	-6.17	41.35	3	Horizontal	6	2.98	-	33.00	6.40	32.92

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

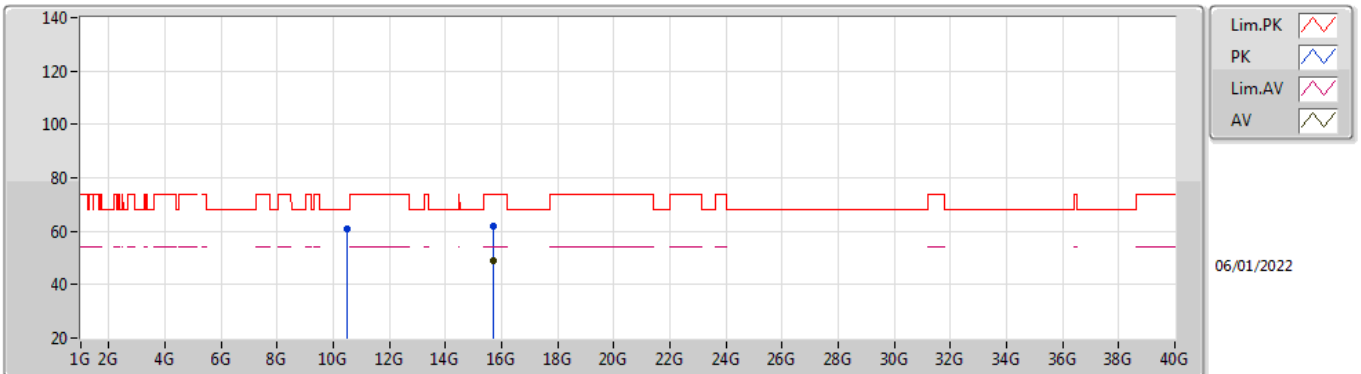


EUT X_4TX
Setting 24
01-A-B-4

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	10.47862G	62.76	68.20	-5.44	48.69	3	Vertical	320	3.00	-	38.48	8.62	33.03
PK	15.72288G	61.06	74.00	-12.94	45.58	3	Vertical	344	1.80	-	37.84	10.42	32.78
AV	15.72324G	48.93	54.00	-5.07	33.45	3	Vertical	344	1.80	-	37.84	10.42	32.78

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

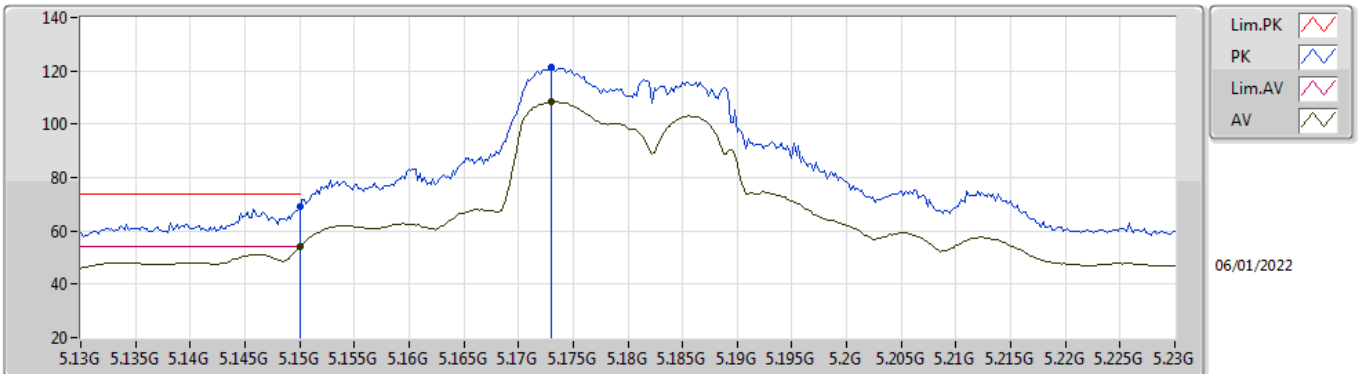


EUT X_4TX
Setting 24
01-A-B-4

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	10.47838G	60.80	68.20	-7.40	46.73	3	Horizontal	295	1.90	-	38.48	8.62	33.03
PK	15.71898G	62.10	74.00	-11.90	46.65	3	Horizontal	334	1.80	-	37.81	10.42	32.78
AV	15.71994G	48.88	54.00	-5.12	33.42	3	Horizontal	334	1.80	-	37.82	10.42	32.78

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

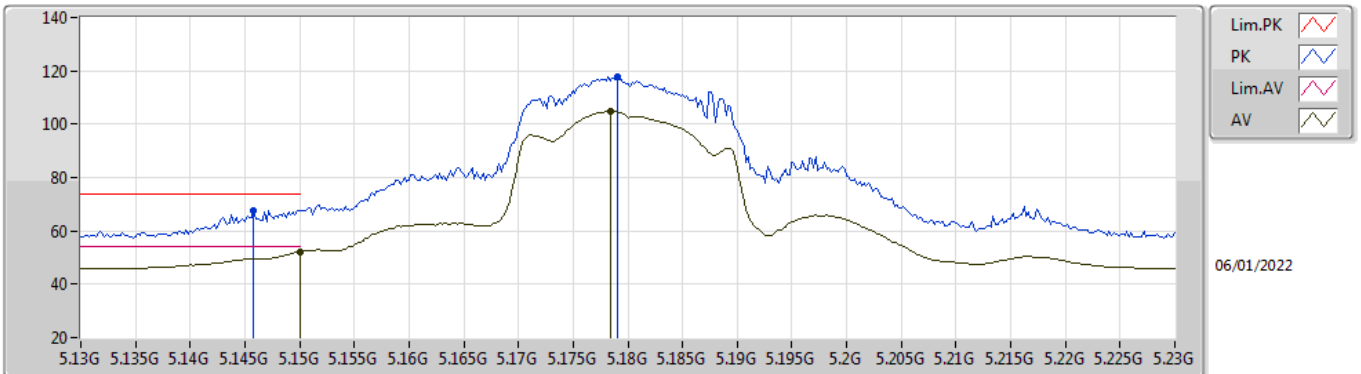


EUT_X_4TX
Setting 17
01-A-B-4-10

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	5.15G	69.24	74.00	-4.76	63.11	3	Vertical	297	1.80	-	32.70	6.37	32.94	
AV	5.15G	53.92	54.00	-0.08	47.79	3	Vertical	297	1.80	-	32.70	6.37	32.94	
PK	5.173G	121.58	Inf	-Inf	115.43	3	Vertical	297	1.80	-	32.70	6.39	32.94	
AV	5.173G	108.26	Inf	-Inf	102.11	3	Vertical	297	1.80	-	32.70	6.39	32.94	

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

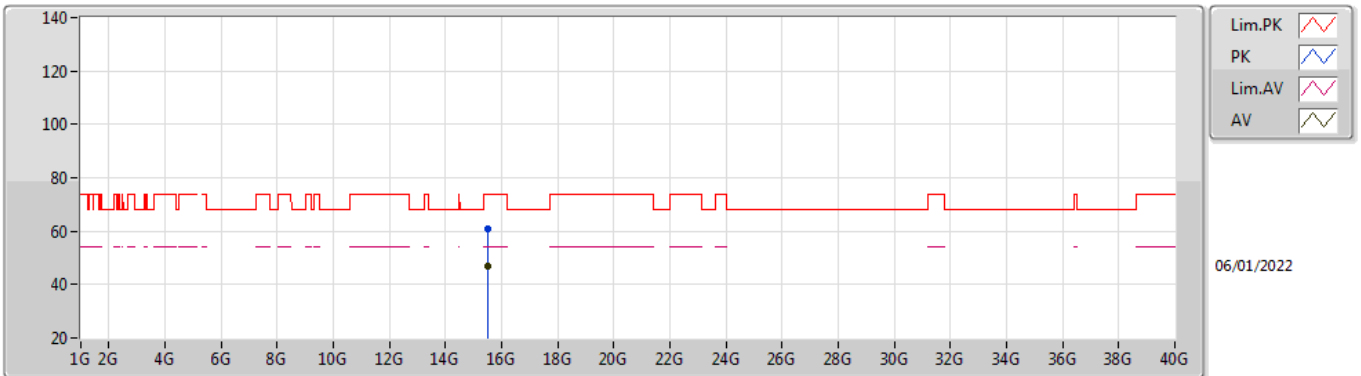


EUT_X_4TX
Setting 17
01-A-B-4-10

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	5.1458G	67.83	74.00	-6.17	61.69	3	Horizontal	2	2.63	-	32.71	6.37	32.94	
AV	5.15G	52.20	54.00	-1.80	46.07	3	Horizontal	2	2.63	-	32.70	6.37	32.94	
PK	5.179G	117.80	Inf	-Inf	111.65	3	Horizontal	2	2.63	-	32.70	6.39	32.94	
AV	5.1784G	104.70	Inf	-Inf	98.55	3	Horizontal	2	2.63	-	32.70	6.39	32.94	

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

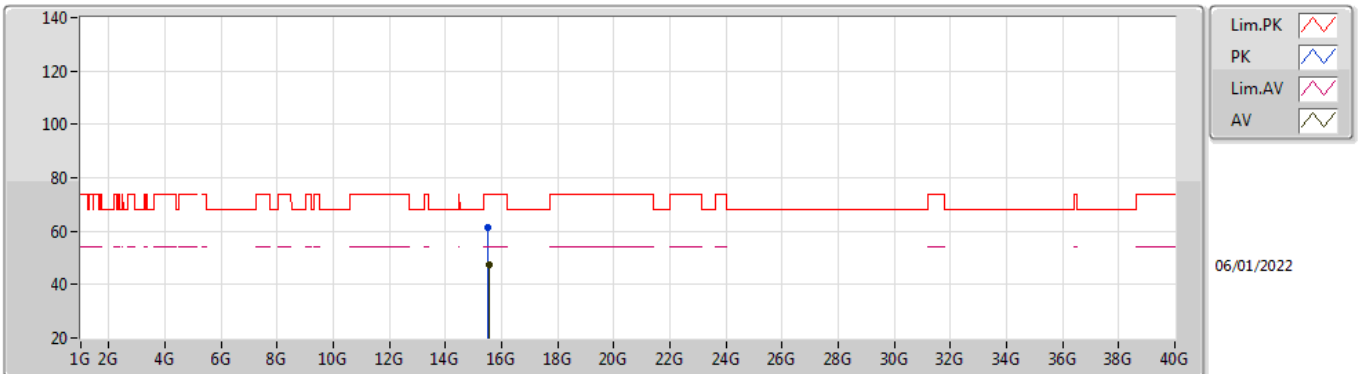


EUT X_4TX
Setting 17
01-A-B-4

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	15.53264G	60.94	74.00	-13.06	45.32	3	Vertical	51	2.44	-	38.07	10.36	32.81	
AV	15.532G	47.02	54.00	-6.98	31.40	3	Vertical	51	2.44	-	38.07	10.36	32.81	

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TnomVnom

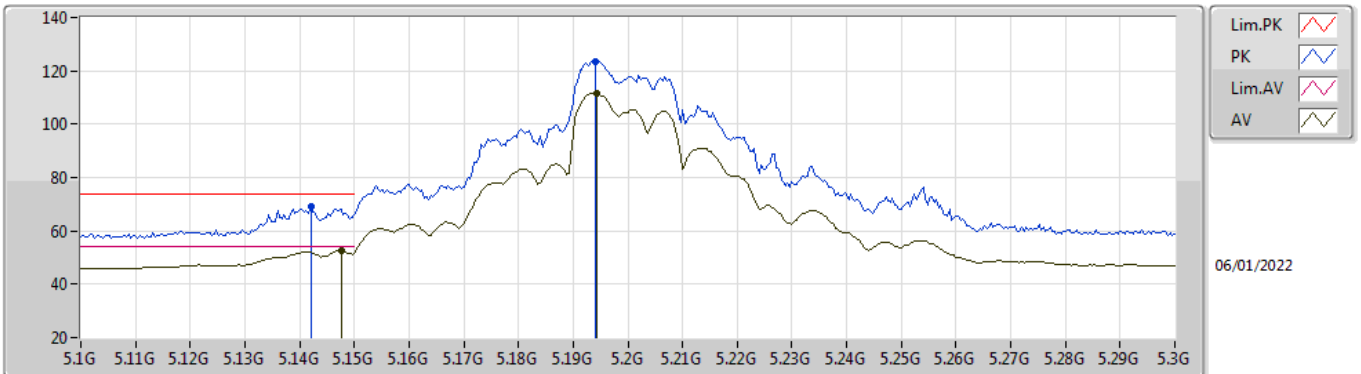


EUT X_4TX
Setting 17
01-A-B-4

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	15.53036G	61.38	74.00	-12.62	45.76	3	Horizontal	15	2.69	-	38.08	10.36	32.82	
AV	15.53388G	47.18	54.00	-6.82	31.57	3	Horizontal	15	2.69	-	38.06	10.36	32.81	

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

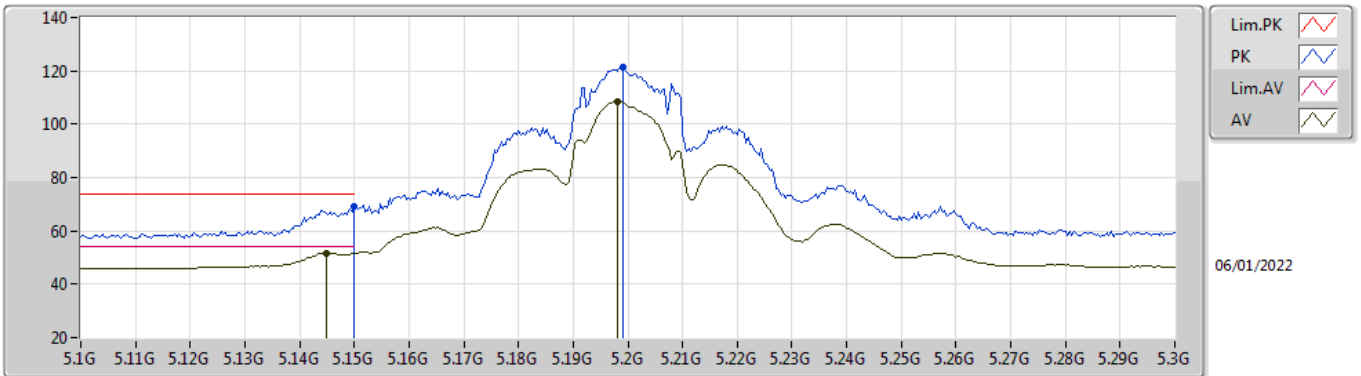


EUT_X_4TX
Setting 21
01-A-B-4-10

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	5.142G	69.22	74.00	-4.78	63.07	3	Vertical	292	1.80	-	32.72	6.37	32.94	
AV	5.1476G	52.55	54.00	-1.45	46.42	3	Vertical	292	1.80	-	32.70	6.37	32.94	
PK	5.194G	123.64	Inf	-Inf	117.48	3	Vertical	292	1.80	-	32.70	6.40	32.94	
AV	5.1944G	111.65	Inf	-Inf	105.49	3	Vertical	292	1.80	-	32.70	6.40	32.94	

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

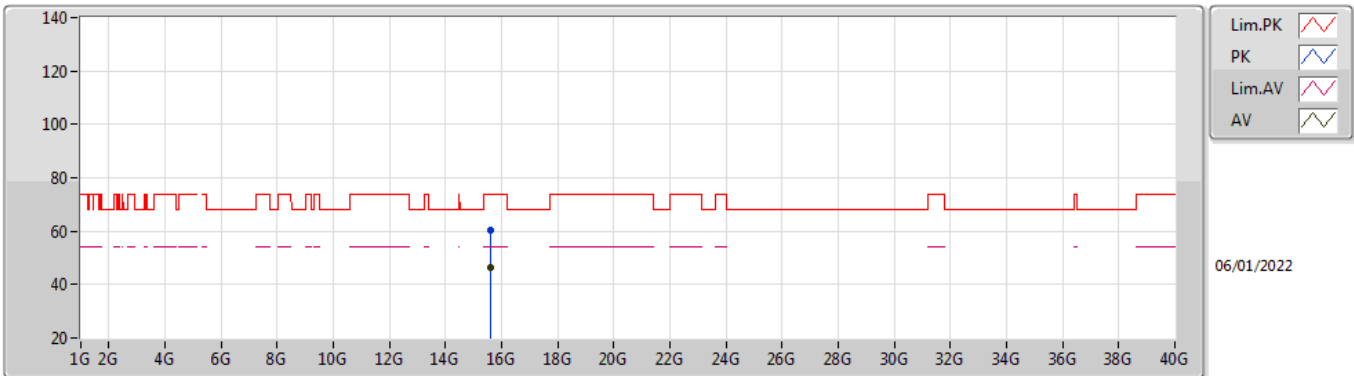


EUT_X_4TX
Setting 21
01-A-B-4-10

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	5.15G	68.97	74.00	-5.03	62.84	3	Horizontal	3	2.62	-	32.70	6.37	32.94
AV	5.1448G	51.78	54.00	-2.22	45.64	3	Horizontal	3	2.62	-	32.71	6.37	32.94
PK	5.1992G	121.33	Inf	-Inf	115.17	3	Horizontal	3	2.62	-	32.70	6.40	32.94
AV	5.198G	108.51	Inf	-Inf	102.35	3	Horizontal	3	2.62	-	32.70	6.40	32.94

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

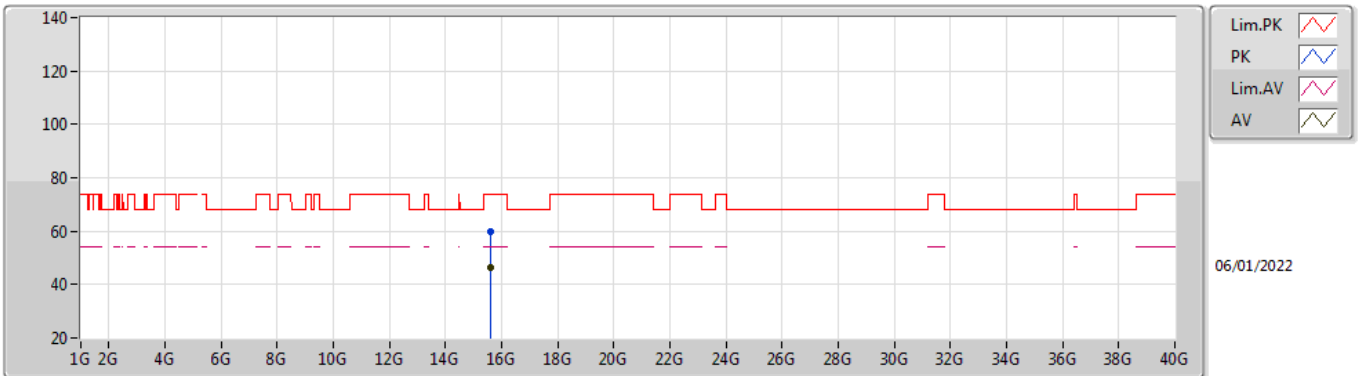


EUT_X_4TX
Setting 21
01-A-B-4

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	15.59412G	60.46	74.00	-13.54	45.06	3	Vertical	331	2.06	-	37.82	10.38	32.80
AV	15.59476G	46.45	54.00	-7.55	31.05	3	Vertical	331	2.06	-	37.82	10.38	32.80

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TnomVnom

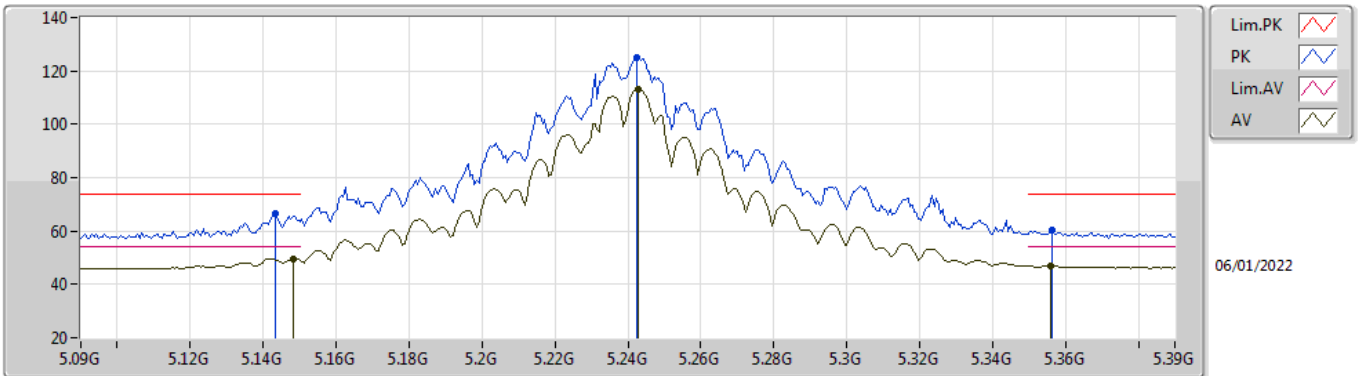


EUT X_4TX
Setting 21
01-A-B-4

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	15.60288G	59.84	74.00	-14.16	44.46	3	Horizontal	55	2.23	-	37.80	10.38	32.80
AV	15.60276G	46.61	54.00	-7.39	31.23	3	Horizontal	55	2.23	-	37.80	10.38	32.80

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

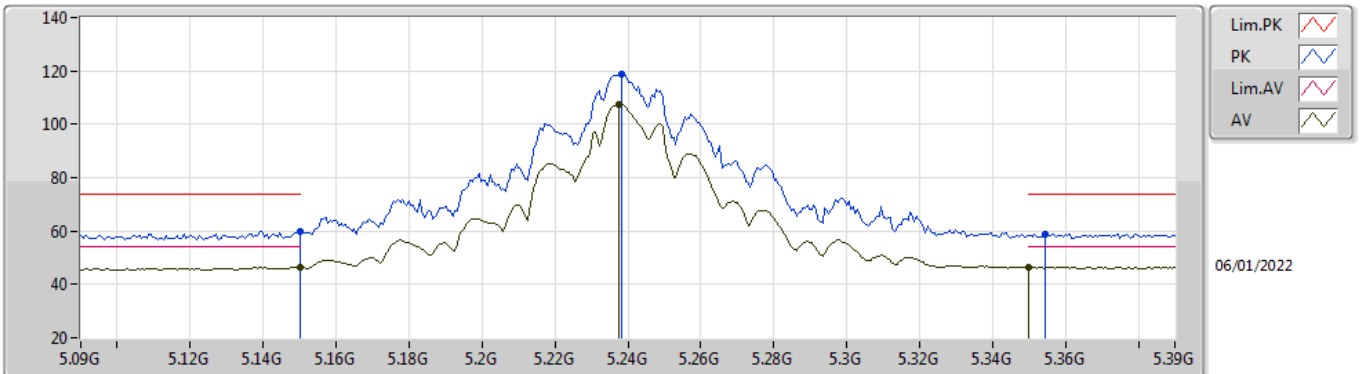


EUT X_4TX
Setting 24
01-A-B-4-10

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	5.1434G	66.41	74.00	-7.59	60.27	3	Vertical	299	2.07	-	32.71	6.37	32.94
AV	5.1482G	49.67	54.00	-4.33	43.54	3	Vertical	299	2.07	-	32.70	6.37	32.94
PK	5.2424G	125.09	Inf	-Inf	118.84	3	Vertical	299	2.07	-	32.78	6.40	32.93
AV	5.243G	113.25	Inf	-Inf	106.99	3	Vertical	299	2.07	-	32.79	6.40	32.93
PK	5.3564G	60.42	74.00	-13.58	53.91	3	Vertical	299	2.07	-	33.03	6.40	32.92
AV	5.3558G	46.91	54.00	-7.09	40.41	3	Vertical	299	2.07	-	33.02	6.40	32.92

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

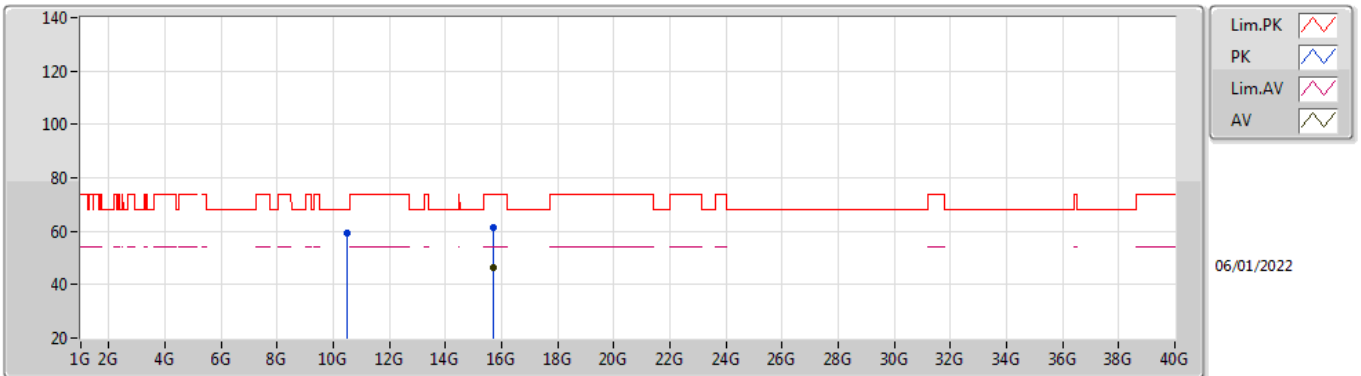


EUT X_4TX
Setting 24
01-A-B-4-10

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	5.15G	59.97	74.00	-14.03	53.84	3	Horizontal	351	2.09	-	32.70	6.37	32.94
AV	5.15G	46.52	54.00	-7.48	40.39	3	Horizontal	351	2.09	-	32.70	6.37	32.94
PK	5.2382G	118.96	Inf	-Inf	112.71	3	Horizontal	351	2.09	-	32.78	6.40	32.93
AV	5.2376G	107.61	Inf	-Inf	101.36	3	Horizontal	351	2.09	-	32.78	6.40	32.93
PK	5.3546G	59.01	74.00	-14.99	52.51	3	Horizontal	351	2.09	-	33.02	6.40	32.92
AV	5.35G	46.36	54.00	-7.64	39.88	3	Horizontal	351	2.09	-	33.00	6.40	32.92

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

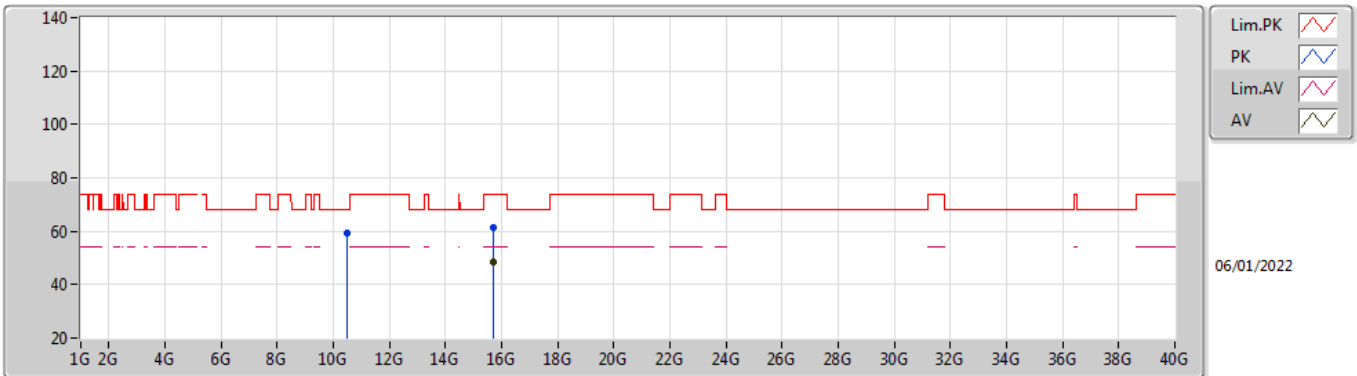


EUT X_4TX
Setting 24
01-A-B-4

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	10.48112G	59.07	68.20	-9.13	45.00	3	Vertical	301	1.00	-	38.48	8.62	33.03
PK	15.72888G	61.20	74.00	-12.80	45.69	3	Vertical	9	1.80	-	37.87	10.42	32.78
AV	15.72884G	46.55	54.00	-7.45	31.04	3	Vertical	9	1.80	-	37.87	10.42	32.78

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TnomVnom

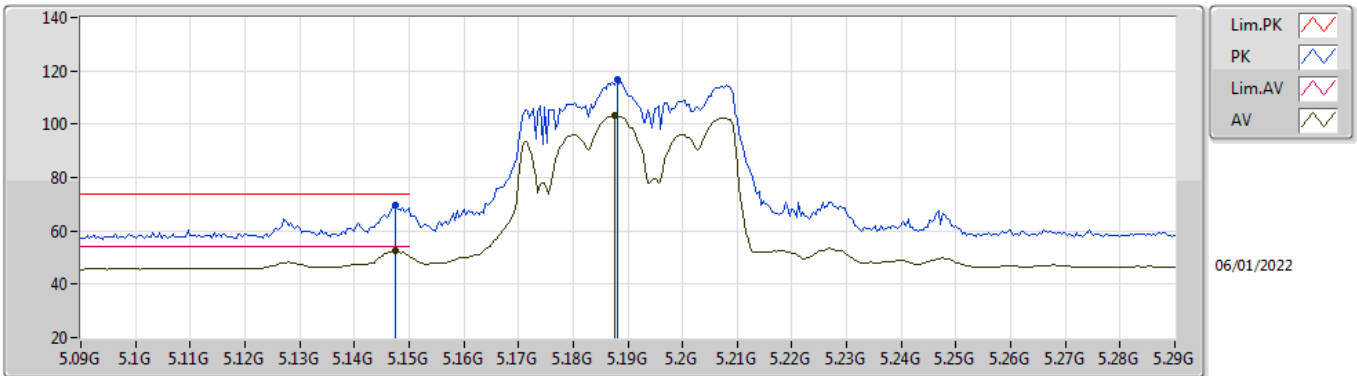


EUT X_4TX
Setting 24
01-A-B-4

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	10.48G	59.06	68.20	-9.14	44.99	3	Horizontal	296	1.79	-	38.48	8.62	33.03	
PK	15.72448G	61.32	74.00	-12.68	45.83	3	Horizontal	339	1.80	-	37.85	10.42	32.78	
AV	15.72336G	48.22	54.00	-5.78	32.74	3	Horizontal	339	1.80	-	37.84	10.42	32.78	

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TnomVnom

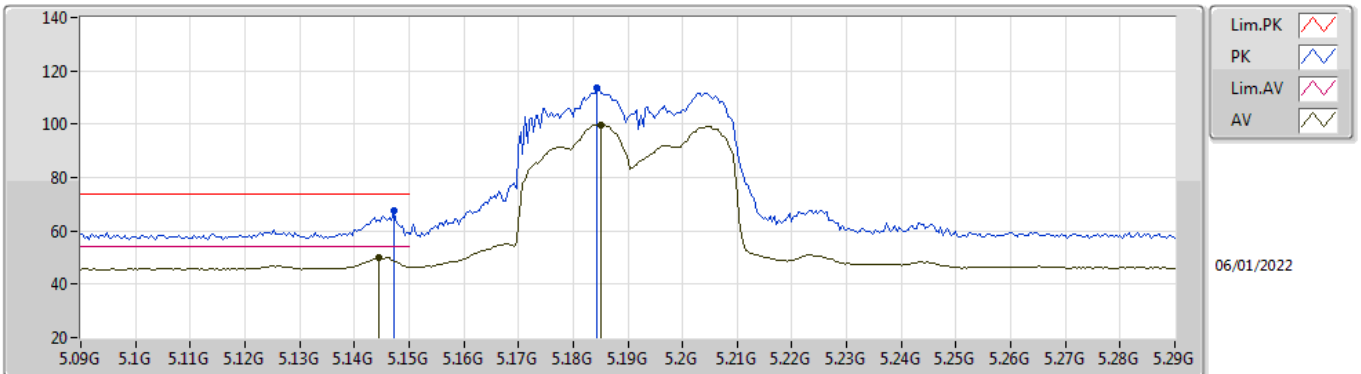


EUT X_4TX
Setting 14.5
01-A-B-4-10

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	5.1476G	69.50	74.00	-4.50	63.37	3	Vertical	319	1.80	-	32.70	6.37	32.94	
AV	5.1476G	52.40	54.00	-1.60	46.27	3	Vertical	319	1.80	-	32.70	6.37	32.94	
PK	5.188G	116.60	Inf	-Inf	110.45	3	Vertical	319	1.80	-	32.70	6.39	32.94	
AV	5.1876G	103.42	Inf	-Inf	97.27	3	Vertical	319	1.80	-	32.70	6.39	32.94	

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TnomVnom

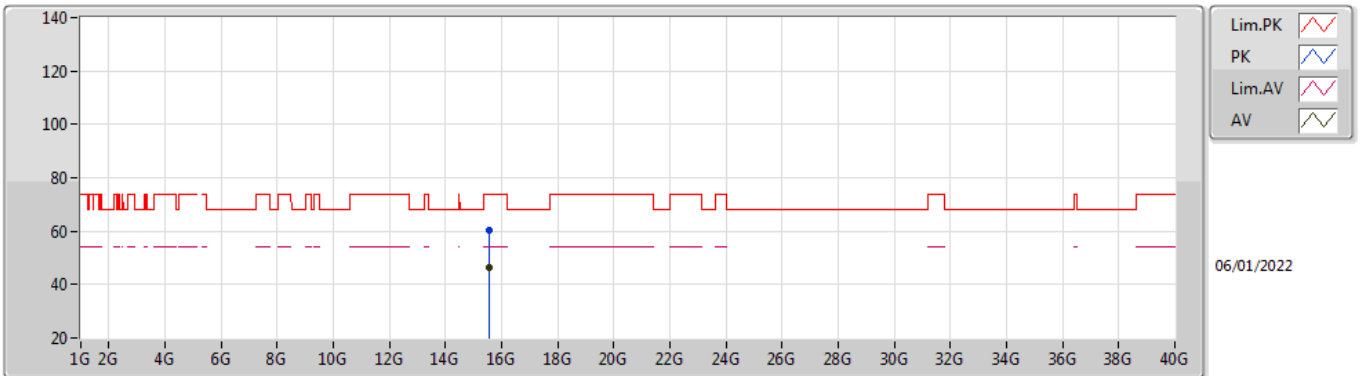


EUT_X_4TX
Setting 14.5
01-A-B-4-10

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	5.1472G	67.53	74.00	-6.47	61.39	3	Horizontal	360	2.65	-	32.71	6.37	32.94	
AV	5.1444G	50.08	54.00	-3.92	43.94	3	Horizontal	360	2.65	-	32.71	6.37	32.94	
PK	5.1844G	113.54	Inf	-Inf	107.39	3	Horizontal	360	2.65	-	32.70	6.39	32.94	
AV	5.1852G	99.85	Inf	-Inf	93.70	3	Horizontal	360	2.65	-	32.70	6.39	32.94	

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TnomVnom

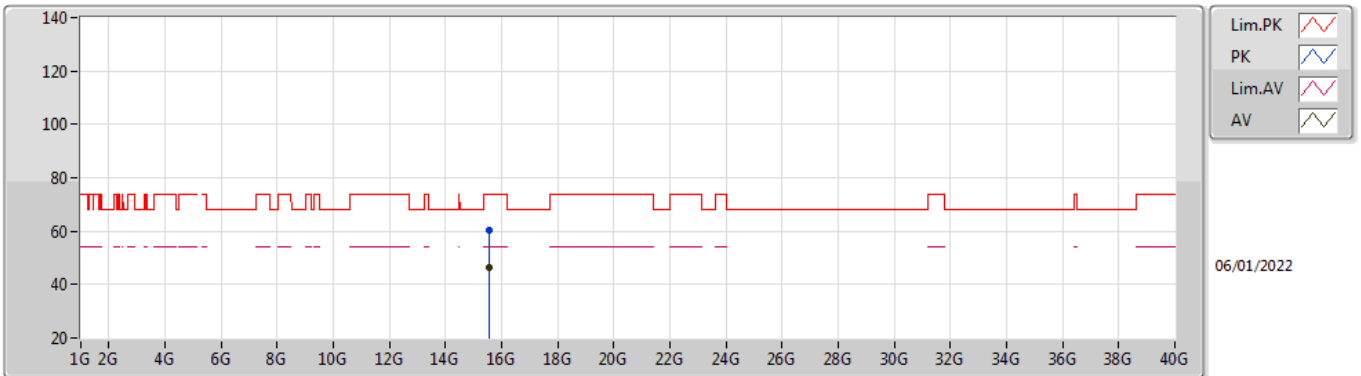


EUT X_4TX
Setting 14.5
01-A-B-4

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	15.56988G	60.22	74.00	-13.78	44.74	3	Vertical	193	1.01	-	37.92	10.37	32.81	
AV	15.56188G	46.47	54.00	-7.53	30.96	3	Vertical	193	1.01	-	37.95	10.37	32.81	

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TnomVnom

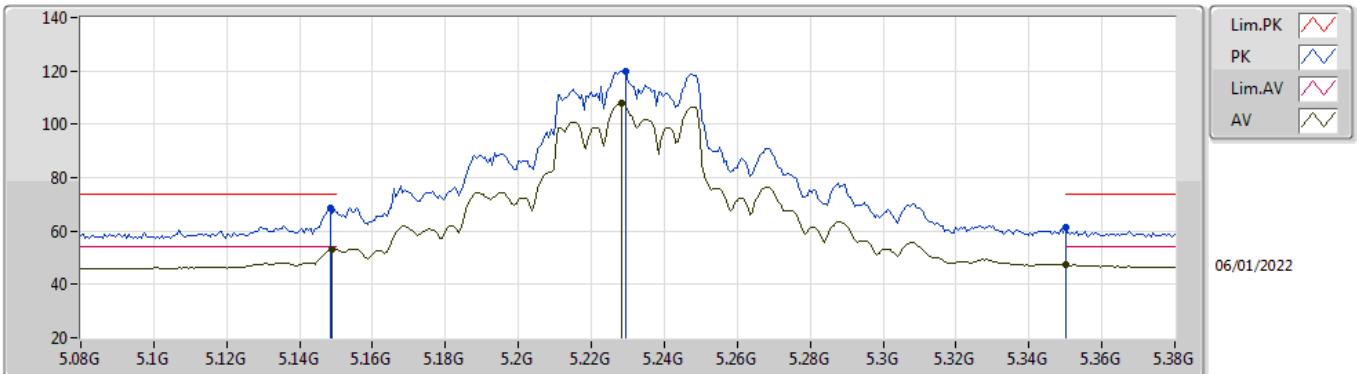


EUT X_4TX
Setting 14.5
01-A-B-4

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	15.56132G	60.42	74.00	-13.58	44.91	3	Horizontal	265	1.84	-	37.95	10.37	32.81
AV	15.5634G	46.36	54.00	-7.64	30.85	3	Horizontal	265	1.84	-	37.95	10.37	32.81

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TnomVnom

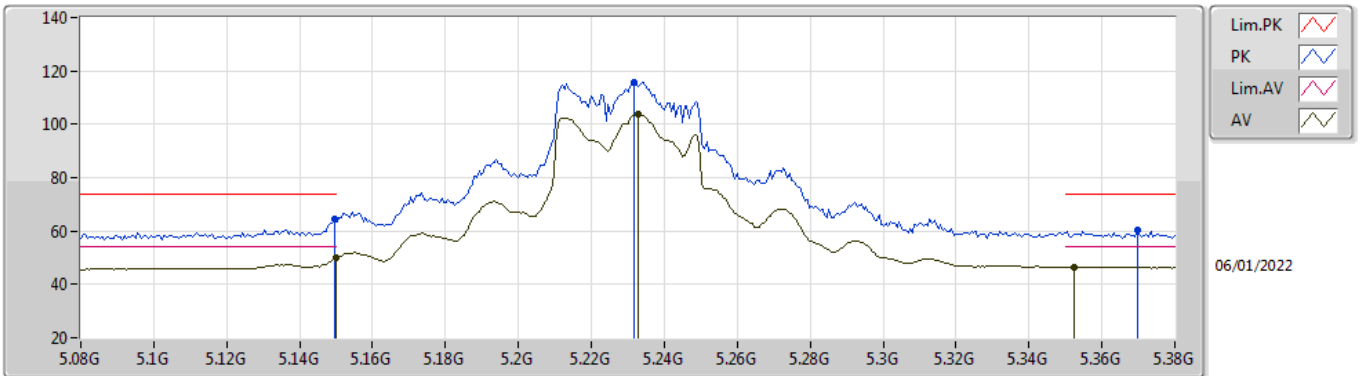


EUT_X_4TX
Setting 18.5
01-A-B-4-10

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	5.1484G	68.57	74.00	-5.43	62.44	3	Vertical	308	2.08	-	32.70	6.37	32.94
AV	5.149G	53.19	54.00	-0.81	47.06	3	Vertical	308	2.08	-	32.70	6.37	32.94
PK	5.2294G	119.95	Inf	-Inf	113.72	3	Vertical	308	2.08	-	32.76	6.40	32.93
AV	5.2282G	107.85	Inf	-Inf	101.62	3	Vertical	308	2.08	-	32.76	6.40	32.93
PK	5.35G	61.18	74.00	-12.82	54.70	3	Vertical	308	2.08	-	33.00	6.40	32.92
AV	5.35G	47.36	54.00	-6.64	40.88	3	Vertical	308	2.08	-	33.00	6.40	32.92

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TnomVnom

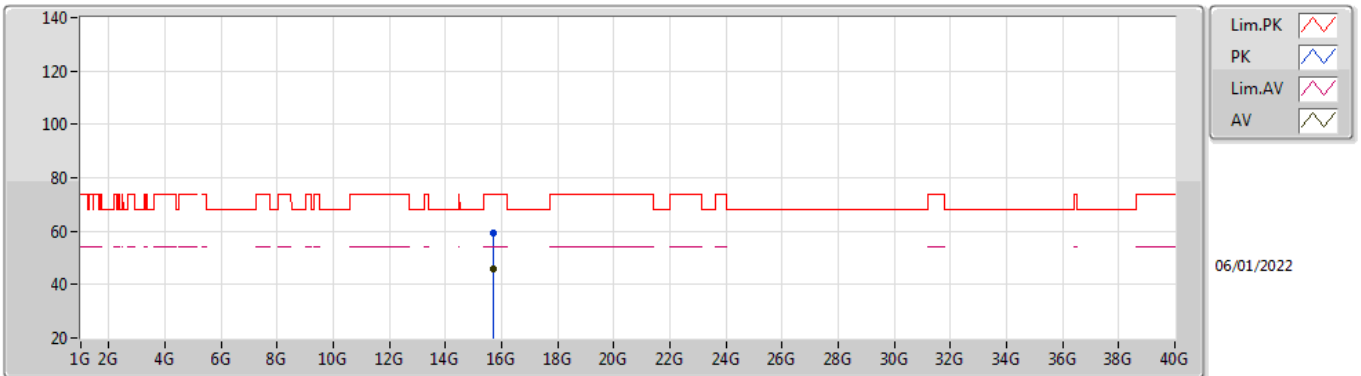


EUT X_4TX
Setting 18.5
01-A-B-4-10

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	5.1496G	64.72	74.00	-9.28	58.59	3	Horizontal	13	2.72	-	32.70	6.37	32.94
AV	5.15G	50.03	54.00	-3.97	43.90	3	Horizontal	13	2.72	-	32.70	6.37	32.94
PK	5.2318G	115.65	Inf	-Inf	109.42	3	Horizontal	13	2.72	-	32.76	6.40	32.93
AV	5.233G	103.58	Inf	-Inf	97.34	3	Horizontal	13	2.72	-	32.77	6.40	32.93
PK	5.3698G	60.14	74.00	-13.86	53.58	3	Horizontal	13	2.72	-	33.08	6.40	32.92
AV	5.3524G	46.61	54.00	-7.39	40.12	3	Horizontal	13	2.72	-	33.01	6.40	32.92

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TnomVnom

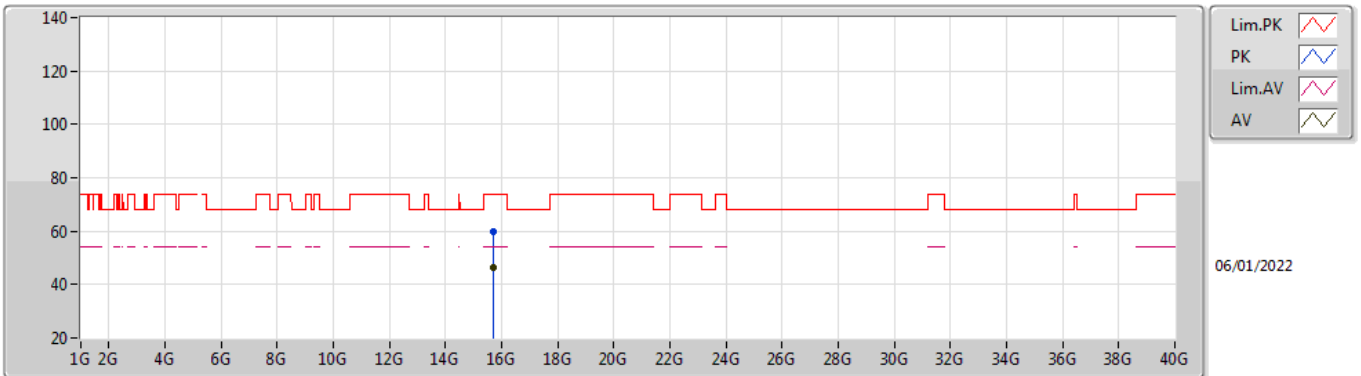


EUT_X_4TX
Setting 18.5
01-A-B-4

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	15.68892G	59.06	74.00	-14.94	43.73	3	Vertical	257	2.57	-	37.71	10.41	32.79
AV	15.68172G	46.09	54.00	-7.91	30.76	3	Vertical	257	2.57	-	37.72	10.40	32.79

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TnomVnom

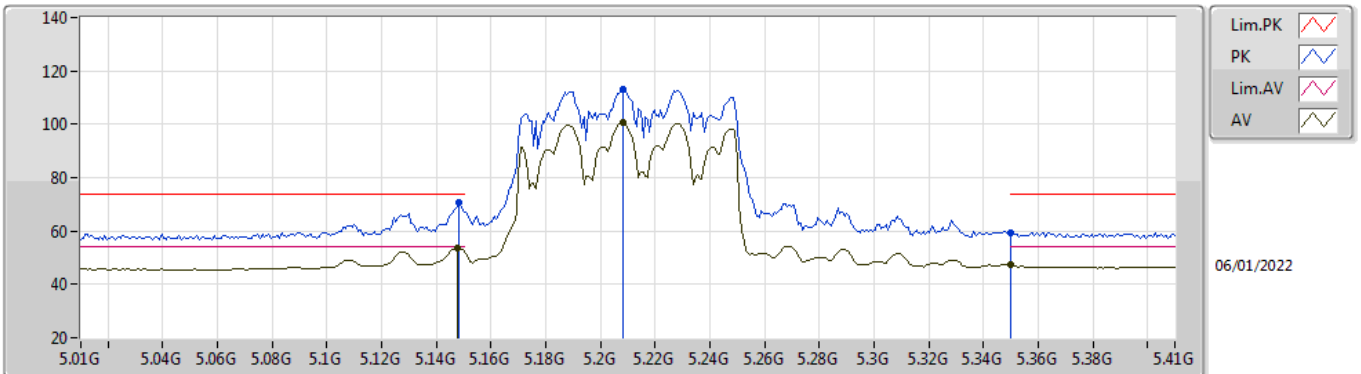


EUT X_4TX
Setting 18.5
01-A-B-4

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	15.6846G	59.61	74.00	-14.39	44.27	3	Horizontal	289	2.62	-	37.72	10.41	32.79
AV	15.68052G	46.15	54.00	-7.85	30.82	3	Horizontal	289	2.62	-	37.72	10.40	32.79

802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TnomVnom

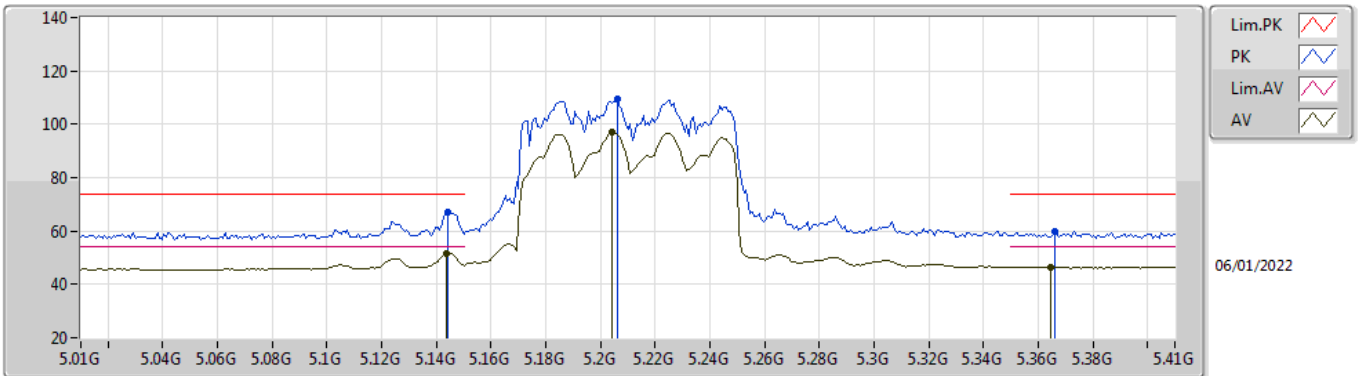


EUT X_4TX
Setting 14.5
01-A-B-4-10

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	5.1484G	70.81	74.00	-3.19	64.68	3	Vertical	317	1.80	-	32.70	6.37	32.94
AV	5.1476G	53.77	54.00	-0.23	47.64	3	Vertical	317	1.80	-	32.70	6.37	32.94
PK	5.2084G	113.05	Inf	-Inf	106.86	3	Vertical	317	1.80	-	32.72	6.40	32.93
AV	5.2084G	100.73	Inf	-Inf	94.54	3	Vertical	317	1.80	-	32.72	6.40	32.93
PK	5.35G	59.54	74.00	-14.46	53.06	3	Vertical	317	1.80	-	33.00	6.40	32.92
AV	5.35G	47.53	54.00	-6.47	41.05	3	Vertical	317	1.80	-	33.00	6.40	32.92

802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TnomVnom

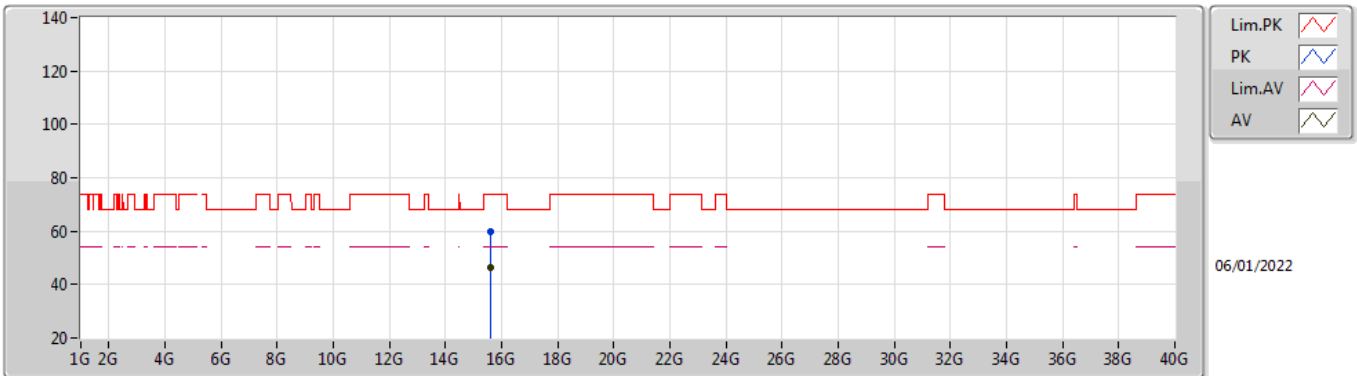


EUT X_4TX
Setting 14.5
01-A-B-4-10

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	5.1444G	67.32	74.00	-6.68	61.18	3	Horizontal	360	2.64	-	32.71	6.37	32.94
AV	5.1436G	51.49	54.00	-2.51	45.35	3	Horizontal	360	2.64	-	32.71	6.37	32.94
PK	5.206G	109.48	Inf	-Inf	103.31	3	Horizontal	360	2.64	-	32.71	6.40	32.94
AV	5.2044G	96.93	Inf	-Inf	90.76	3	Horizontal	360	2.64	-	32.71	6.40	32.94
PK	5.366G	59.89	74.00	-14.11	53.35	3	Horizontal	360	2.64	-	33.06	6.40	32.92
AV	5.3644G	46.44	54.00	-7.56	39.90	3	Horizontal	360	2.64	-	33.06	6.40	32.92

802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TnomVnom

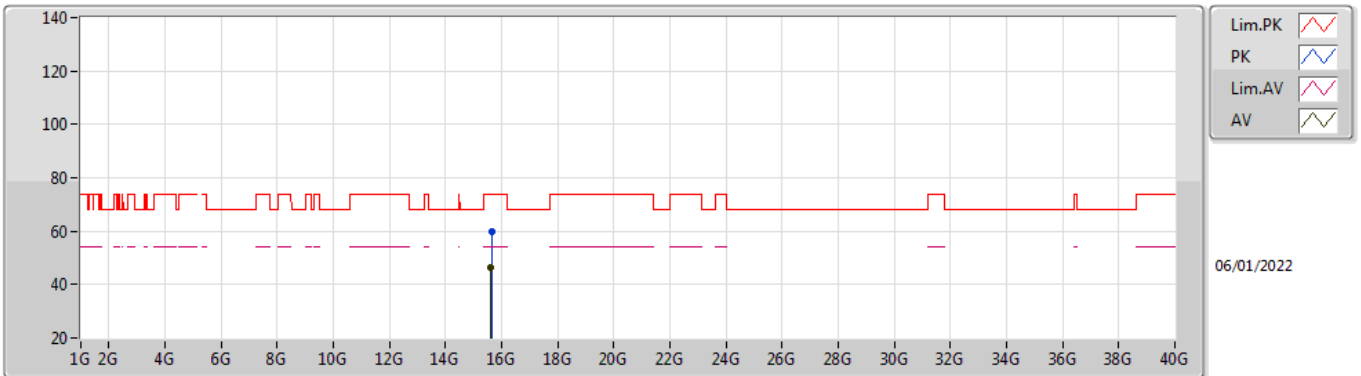


EUT_X_4TX
Setting 14.5
01-A-B-4

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	15.62602G	59.98	74.00	-14.02	44.62	3	Vertical	207	2.27	-	37.77	10.39	32.80
AV	15.629G	46.27	54.00	-7.73	30.91	3	Vertical	207	2.27	-	37.77	10.39	32.80

802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TnomVnom



EUT X_4TX
Setting 14.5
01-A-B-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	15.6318G	59.83	74.00	-14.17	44.47	3	Horizontal	291	1.04	-	37.77	10.39	32.80
AV	15.62598G	46.30	54.00	-7.70	30.94	3	Horizontal	291	1.04	-	37.77	10.39	32.80

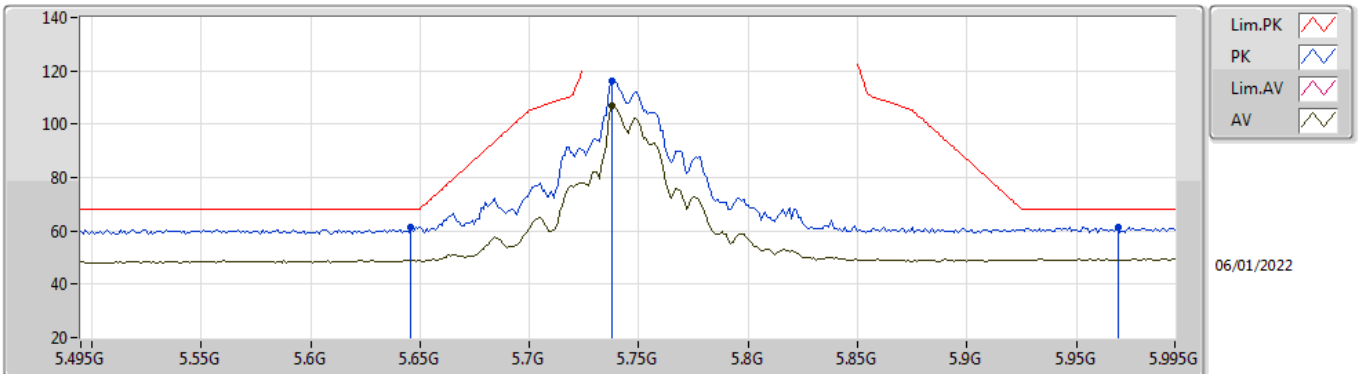


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	PK	5.658G	73.93	74.12	-0.19	3	Horizontal	324	1.80	-

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

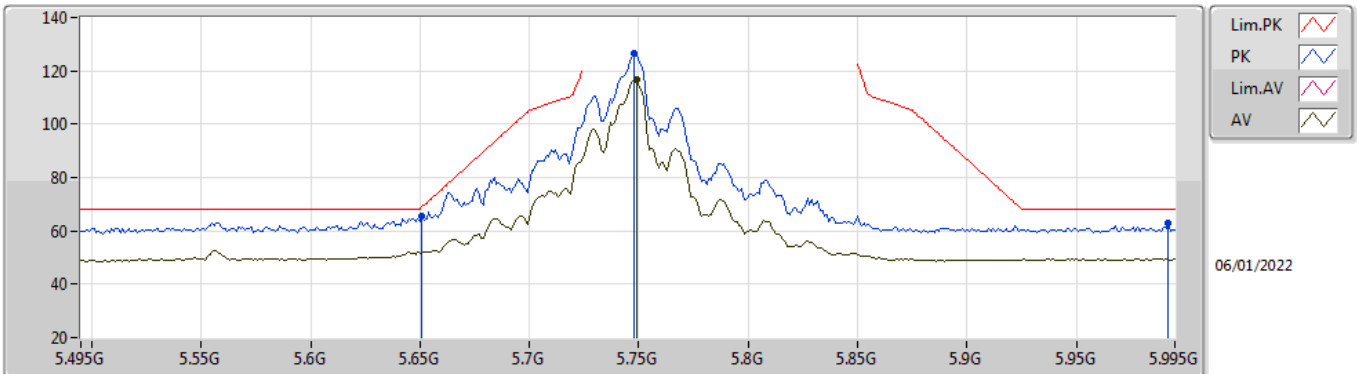


EUT Y_4TX
Setting 24
01-A-K-5-10

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	5.646G	61.58	68.20	-6.62	53.81	3	Vertical	282	1.23	-	34.08	6.60	32.91
PK	5.738G	116.35	Inf	-Inf	108.37	3	Vertical	282	1.23	-	34.30	6.60	32.92
AV	5.738G	106.97	Inf	-Inf	98.99	3	Vertical	282	1.23	-	34.30	6.60	32.92
PK	5.969G	61.44	68.20	-6.76	52.61	3	Vertical	282	1.23	-	35.18	6.60	32.95

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

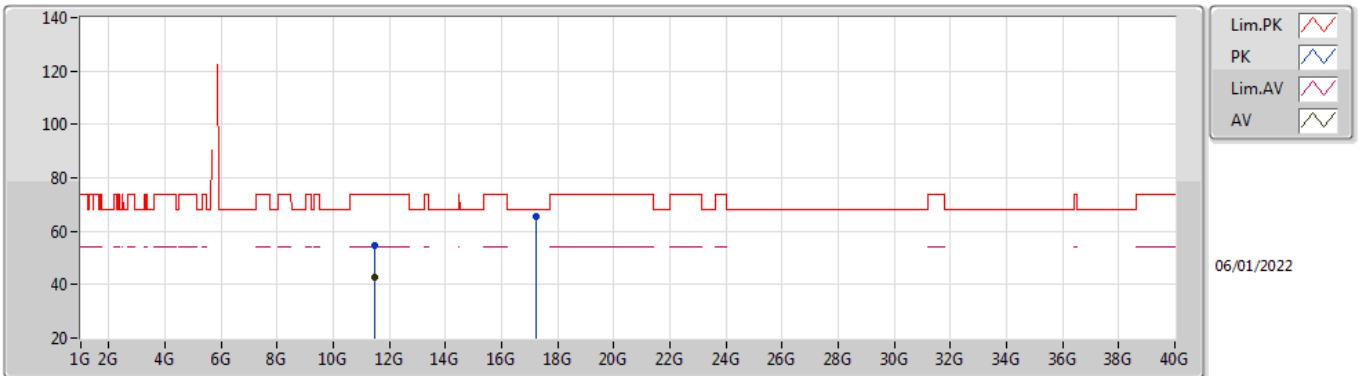


EUT_Y_4TX
Setting 24
01-A-K-5-10

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	5.651G	65.48	68.94	-3.46	57.70	3	Horizontal	323	1.95	-	34.10	6.60	32.92	
PK	5.748G	126.38	Inf	-Inf	118.32	3	Horizontal	323	1.95	-	34.38	6.60	32.92	
AV	5.749G	116.77	Inf	-Inf	108.70	3	Horizontal	323	1.95	-	34.39	6.60	32.92	
PK	5.992G	62.78	68.20	-5.42	53.86	3	Horizontal	323	1.95	-	35.27	6.60	32.95	

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

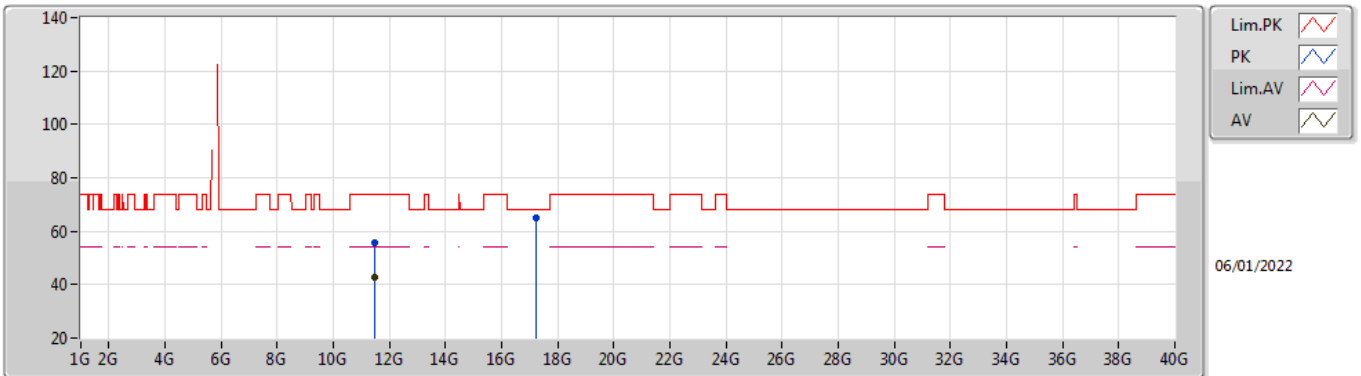


EUT Y_4TX
Setting 24
01-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	11.49208G	54.76	74.00	-19.24	40.30	3	Vertical	139	1.80	-	38.40	8.87	32.81	
AV	11.49908G	42.58	54.00	-11.42	28.12	3	Vertical	139	1.80	-	38.40	8.87	32.81	
PK	17.2418G	65.51	68.20	-2.69	44.83	3	Vertical	298	2.98	-	41.81	10.87	32.00	

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TnomVnom

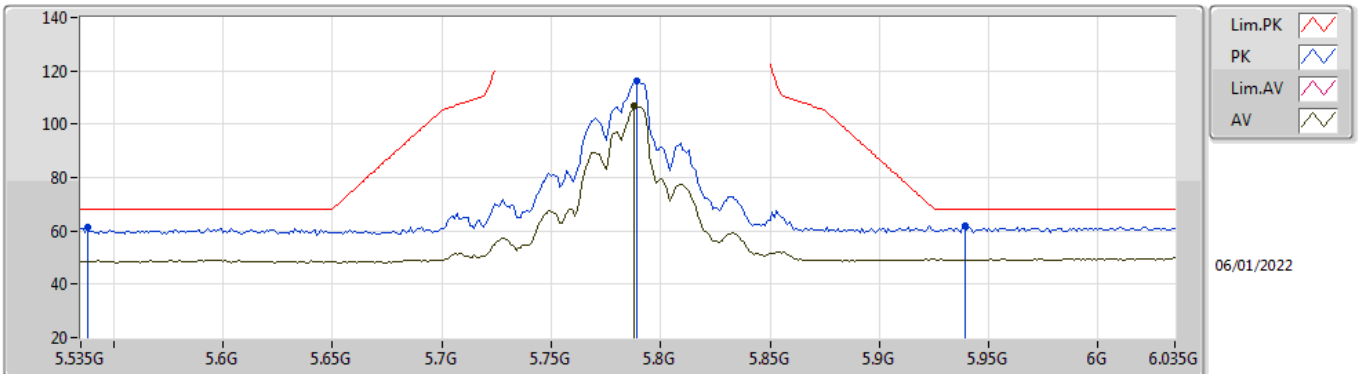


EUT Y_4TX
Setting 24
01-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.49204G	55.57	74.00	-18.43	41.11	3	Horizontal	360	2.98	-	38.40	8.87	32.81
AV	11.49792G	42.77	54.00	-11.23	28.31	3	Horizontal	360	2.98	-	38.40	8.87	32.81
PK	17.22724G	65.22	68.20	-2.98	44.62	3	Horizontal	184	2.30	-	41.74	10.87	32.01

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

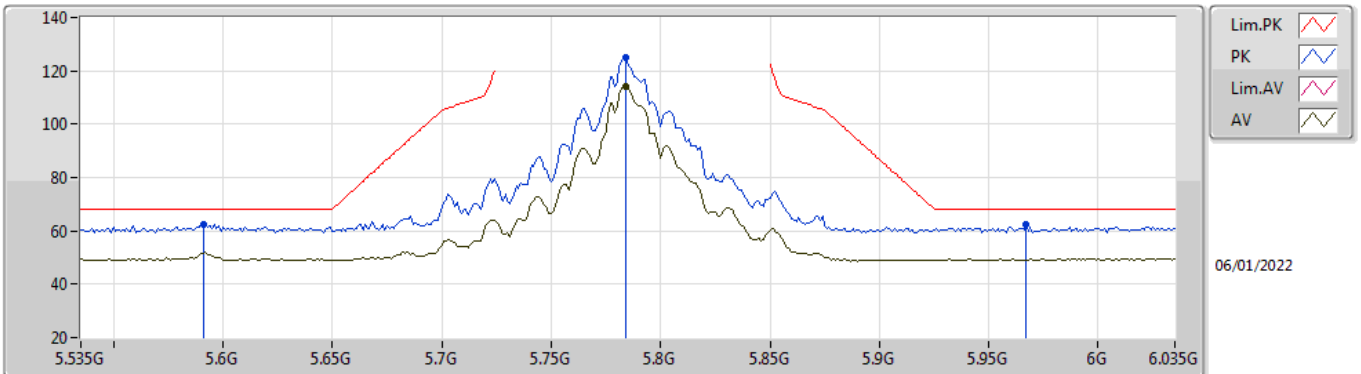


EUT Y_4TX
Setting 24
01-A-K-5-10

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	5.538G	61.53	68.20	-6.67	54.04	3	Vertical	309	2.76	-	33.85	6.54	32.90
PK	5.789G	116.34	Inf	-Inf	108.27	3	Vertical	309	2.76	-	34.40	6.60	32.93
AV	5.788G	106.79	Inf	-Inf	98.72	3	Vertical	309	2.76	-	34.40	6.60	32.93
PK	5.939G	61.64	68.20	-6.56	52.92	3	Vertical	309	2.76	-	35.06	6.60	32.94

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

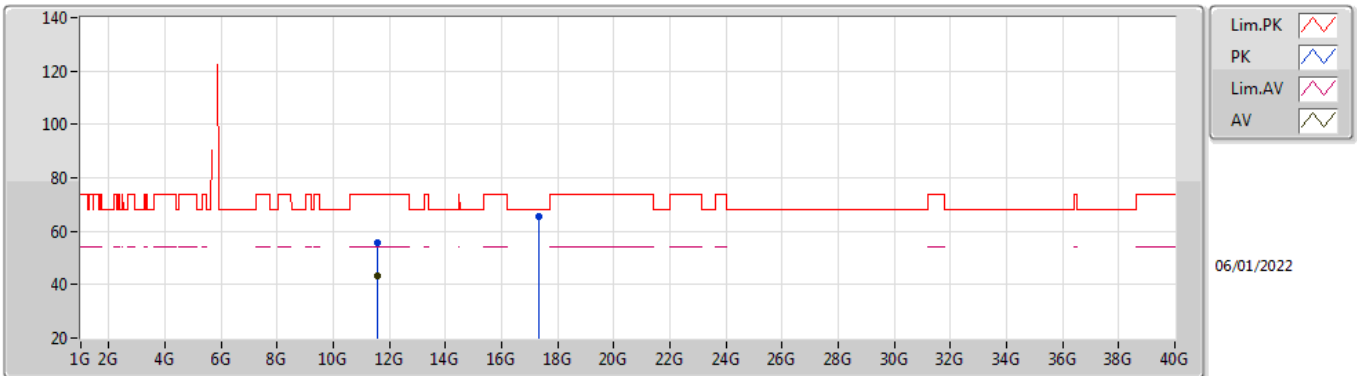


EUT V_4TX
Setting 24
01-A-K-5-10

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	5.591G	62.66	68.20	-5.54	55.16	3	Horizontal	326	1.80	-	33.82	6.59	32.91	
PK	5.784G	124.82	Inf	-Inf	116.75	3	Horizontal	326	1.80	-	34.40	6.60	32.93	
AV	5.784G	114.36	Inf	-Inf	106.29	3	Horizontal	326	1.80	-	34.40	6.60	32.93	
PK	5.967G	62.67	68.20	-5.53	53.85	3	Horizontal	326	1.80	-	35.17	6.60	32.95	

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom

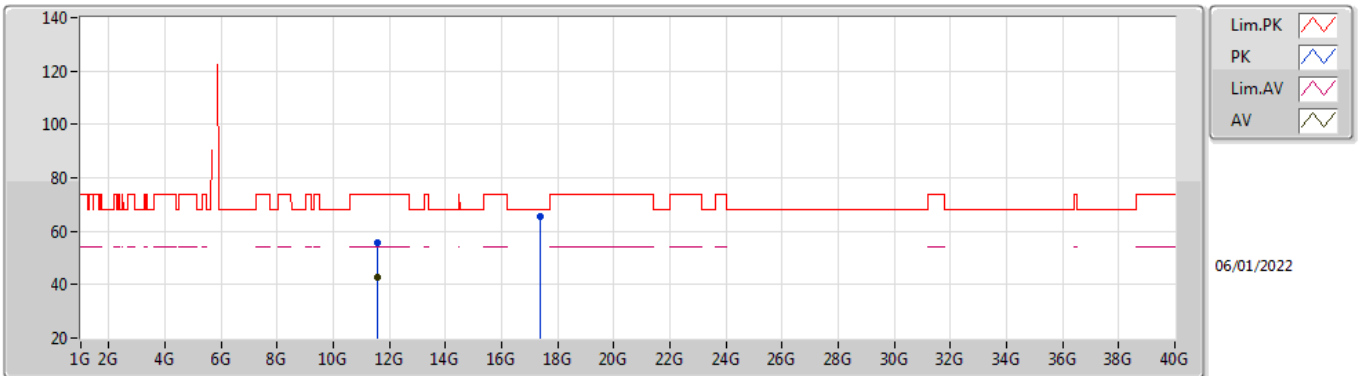


EUT Y_4TX
Setting 24
01-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	11.5704G	55.62	74.00	-18.38	41.01	3	Vertical	4	1.20	-	38.54	8.89	32.82	
AV	11.56676G	43.10	54.00	-10.90	28.50	3	Vertical	4	1.20	-	38.53	8.89	32.82	
PK	17.352G	65.74	68.20	-2.46	44.63	3	Vertical	0	1.51	-	42.15	10.91	31.95	

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TnomVnom



EUT Y_4TX
Setting 24
01-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.57532G	55.57	74.00	-18.43	40.95	3	Horizontal	25	1.80	-	38.55	8.89	32.82
AV	11.57996G	42.99	54.00	-11.01	28.36	3	Horizontal	25	1.80	-	38.56	8.89	32.82
PK	17.36364G	65.61	68.20	-2.59	44.48	3	Horizontal	334	1.81	-	42.16	10.91	31.94