

FCC Radio Test Report

FCC ID : TOR-C460
Equipment : Wireless Access Point
Brand Name : ARISTA
Model Name : C-460
Applicant : Arista Networks, Inc.
5453 Great America Parkway, Santa Clara, CA 95054 USA
Manufacturer : Arista Networks, Inc.
5453 Great America Parkway, Santa Clara, CA 95054 USA
Standard : 47 CFR FCC Part 15.407

The product was received on Sep. 25, 2023, and testing was started from Jan. 10, 2024 and completed on Dec. 11, 2024. We, SPORTON INTERNATIONAL INC. Hsinhua 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 variant report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.



Approved by: Ben Tseng

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History of this test report

[illegible]

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.4	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 Conducted Output Power	PASS	-
3.4	15.407(a)	Peak Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:

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

Comments and explanations:

The 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.

Reviewed by: Ryan Hsiao

Report Producer: Amber Chiu

1 General Description

1.1 Information

1.1.1 RF General Information

Radio 0

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]
5470-5725		5500-5700	100-140 [11]
Straddle 5720		5720	144 [1]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5470-5725		5510-5670	102-134 [5]
Straddle 5710		5710	142 [1]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5470-5725		5530-5610	106-122 [2]
Straddle 5690		5690	138 [1]
5725-5850		5775	155 [1]
5150-5350	ac (VHT160), ax (HEW160)	5250	50 [1]
5470-5725		5570	114 [1]

Radio 0_Non-Beamforming

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	2TX
5.25-5.35GHz	802.11a	20	2TX
5.47-5.725GHz	802.11a	20	2TX
5.725-5.85GHz	802.11a	20	2TX
5.15-5.25GHz	802.11ax HEW20	20	2TX
5.25-5.35GHz	802.11ax HEW20	20	2TX
5.47-5.725GHz	802.11ax HEW20	20	2TX
5.725-5.85GHz	802.11ax HEW20	20	2TX
5.15-5.25GHz	802.11ax HEW40	40	2TX
5.25-5.35GHz	802.11ax HEW40	40	2TX
5.47-5.725GHz	802.11ax HEW40	40	2TX
5.725-5.85GHz	802.11ax HEW40	40	2TX
5.15-5.25GHz	802.11ax HEW80	80	2TX



Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11ax HEW80	80	2TX
5.47-5.725GHz	802.11ax HEW80	80	2TX
5.725-5.85GHz	802.11ax HEW80	80	2TX
5.15-5.25GHz	802.11ax HEW160	160	2TX
5.25-5.35GHz	802.11ax HEW160	160	2TX
5.47-5.725GHz	802.11ax HEW160	160	2TX

Radio 0 Beamforming

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11ax HEW20-BF	20	2TX
5.25-5.35GHz	802.11ax HEW20-BF	20	2TX
5.47-5.725GHz	802.11ax HEW20-BF	20	2TX
5.725-5.85GHz	802.11ax HEW20-BF	20	2TX
5.15-5.25GHz	802.11ax HEW40-BF	40	2TX
5.25-5.35GHz	802.11ax HEW40-BF	40	2TX
5.47-5.725GHz	802.11ax HEW40-BF	40	2TX
5.725-5.85GHz	802.11ax HEW40-BF	40	2TX
5.15-5.25GHz	802.11ax HEW80-BF	80	2TX
5.25-5.35GHz	802.11ax HEW80-BF	80	2TX
5.47-5.725GHz	802.11ax HEW80-BF	80	2TX
5.725-5.85GHz	802.11ax HEW80-BF	80	2TX
5.25-5.35GHz	802.11ax HEW160-BF	160	2TX
5.47-5.725GHz	802.11ax HEW160-BF	160	2TX

**Radio 3**

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20), be (EHT20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
Straddle 5720		5720	144 [1]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40), be (EHT40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
Straddle 5710		5710	142 [1]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80) be (EHT80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5610	106-122 [2]
Straddle 5690		5690	138 [1]
5725-5850		5775	155 [1]
5150-5350	ac (VHT160), ax (HEW160), be (EHT160)	5250	50 [1]
5470-5725		5570	114 [1]

Radio 3_Full RU_Non-Beamforming

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	4TX
5.25-5.35GHz	802.11a	20	4TX
5.47-5.725GHz	802.11a	20	4TX
5.725-5.85GHz	802.11a	20	4TX
5.15-5.25GHz	802.11be EHT20	20	4TX
5.25-5.35GHz	802.11be EHT20	20	4TX
5.47-5.725GHz	802.11be EHT20	20	4TX
5.725-5.85GHz	802.11be EHT20	20	4TX
5.15-5.25GHz	802.11be EHT40	40	4TX
5.25-5.35GHz	802.11be EHT40	40	4TX
5.47-5.725GHz	802.11be EHT40	40	4TX
5.725-5.85GHz	802.11be EHT40	40	4TX
5.15-5.25GHz	802.11be EHT80	80	4TX
5.25-5.35GHz	802.11be EHT80	80	4TX
5.47-5.725GHz	802.11be EHT80	80	4TX
5.725-5.85GHz	802.11be EHT80	80	4TX



Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11be EHT160	160	4TX
5.25-5.35GHz	802.11be EHT160	160	4TX
5.47-5.725GHz	802.11be EHT160	160	4TX

Radio 3_Multi-RU_Non-Beamforming

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11be EHT80	80	4TX
5.25-5.35GHz	802.11be EHT80	80	4TX
5.47-5.725GHz	802.11be EHT80	80	4TX
5.725-5.85GHz	802.11be EHT80	80	4TX
5.15-5.25GHz	802.11be EHT160	160	4TX
5.25-5.35GHz	802.11be EHT160	160	4TX
5.47-5.725GHz	802.11be EHT160	160	4TX

Radio 3_Channel Puncturing_Non-Beamforming

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11be EHT80	80	4TX
5.25-5.35GHz	802.11be EHT80	80	4TX
5.47-5.725GHz	802.11be EHT80	80	4TX
5.725-5.85GHz	802.11be EHT80	80	4TX
5.15-5.25GHz	802.11be EHT160	160	4TX
5.25-5.35GHz	802.11be EHT160	160	4TX
5.47-5.725GHz	802.11be EHT160	160	4TX

Radio 3_Full RU_Beamforming

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11be EHT20-BF	20	4TX
5.25-5.35GHz	802.11be EHT20-BF	20	4TX
5.47-5.725GHz	802.11be EHT20-BF	20	4TX
5.725-5.85GHz	802.11be EHT20-BF	20	4TX
5.15-5.25GHz	802.11be EHT40-BF	40	4TX
5.25-5.35GHz	802.11be EHT40-BF	40	4TX
5.47-5.725GHz	802.11be EHT40-BF	40	4TX
5.725-5.85GHz	802.11be EHT40-BF	40	4TX
5.15-5.25GHz	802.11be EHT80-BF	80	4TX
5.25-5.35GHz	802.11be EHT80-BF	80	4TX
5.47-5.725GHz	802.11be EHT80-BF	80	4TX

Band	Mode	BWch (MHz)	Nant
5.725-5.85GHz	802.11be EHT80-BF	80	4TX
5.15-5.25GHz	802.11be EHT160-BF	160	4TX
5.25-5.35GHz	802.11be EHT160-BF	160	4TX
5.47-5.725GHz	802.11be EHT160-BF	160	4TX

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.
- ♦ EHT20, EHT40, EHT80, EHT160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- ♦ BWch is the nominal channel bandwidth.
- ♦ Evaluated HEW20/HEW40/HEW80/HEW160 mode only due to the similar modulation. The power setting of HT20/HT40/VHT20/VHT40 mode are the same or lower than HEW20/HEW40/HEW80/HEW160.(Radio 0)
- ♦ Evaluated EHT20/EHT40/EHT80/EHT160 mode only due to the similar modulation. The power setting of HT20/HT40/VHT20/VHT40/HEW20/HEW40/HEW80/HEW160 mode are the same or lower than EHT20/EHT40/EHT80/EHT160.(Radio 3)

1.1.2 MRU (static preamble puncturing)

RU-tone	MRU(static preamble puncturing)	Bandwidth(MHz)	5GHz Test CH						
		80	CH42	CH58	CH106	CH122	CH138	CH155	CH171
484+242	1		--	V	--	V	V	V	V
	2		V	V	V	V	V	V	V
	3		V	V	V	V	V	V	V
	4		V	--	V	V	--	V	--

RU-tone	MRU(static preamble puncturing)	Bandwidth(MHz)	5GHz Test CH		
		160	CH50	CH114	CH163
996+484	1		--	V	--
	2		V	V	V
	3		V	V	V
	4		V	--	V
996+484+242	1		--	V	V
	2		V	V	V
	3		V	V	V
	4		V	V	V
	5		V	V	V
	6		V	V	V
	7		V	V	V
	8		V	--	V

1.1.3 Worst case of MRU (static preamble puncturing) evaluation procedure

1. Complete test Full RU BE & PSD
2. Measure the PSD of each MRU(static preamble puncturing) by conducted method and it is less than the Full RU conducted PSD.
3. Measure the Band edge emission of each MRU(static preamble puncturing) by conducted method and find out the MRU(static preamble puncturing) worst case configuration
4. Follow step 3 to find the worst MRU(static preamble puncturing) configuration and perform radiated unwanted emission testing
5. Confirm whether the worst MRU(static preamble puncturing) configuration setting in steps 3 and step 4 is the same. If there is a channel where the setting drops due to the test in step 4, the PSD of MRU(static preamble puncturing) needs to be retested.

1.1.4 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
1	WHAYU	C393-510253-A	Dipole	I-Pex	6E	Radio 2
2	WHAYU	C393-510253-A	Dipole	I-Pex	6E	Radio 2
3	WHAYU	C393-510253-A	Dipole	I-Pex	6E	Radio 2
4	WHAYU	C393-510253-A	Dipole	I-Pex	6E	Radio 2
5	WHAYU	C393-510253-A	PIFA	I-Pex	Scan 2.4G+5G+6E	Radio 0
6	WHAYU	C393-510253-A	PIFA	I-Pex	Scan 2.4G+5G+6E	Radio 0
7	WHAYU	C393-510253-A	PIFA	I-Pex	2.4G+5G	Radio 1_2.4G Radio 3_5G
8	WHAYU	C393-510253-A	PIFA	I-Pex	2.4G+5G	Radio 1_2.4G Radio 3_5G
9	WHAYU	C393-510253-A	PIFA	I-Pex	2.4G+5G	Radio 1_2.4G Radio 3_5G
10	WHAYU	C393-510253-A	PIFA	I-Pex	2.4G+5G	Radio 1_2.4G Radio 3_5G
11	WHAYU	C393-510253-A	Dipole	I-Pex	BT	-
12	WHAYU	C393-510253-A	PIFA	I-Pex	GPS	-

Ant.	Port	Gain (dBi)										
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	BT	GPS
1	1	-	-	-	-	-	4.41	4.44	4.06	3.96	-	-
2	2	-	-	-	-	-	5.42	4.8	4.15	4.72	-	-
3	3	-	-	-	-	-	5.35	5.01	5.61	4.45	-	-
4	4	-	-	-	-	-	4.2	3.99	4.51	5.75	-	-
5	1	4.2	6.1				6.4				-	-
6	2	4.3	6.3				6.5				-	-
7	1	2.52	5.01	4.18	4.47	4.79	-	-	-	-	-	-
8	2	2.26	4.71	4.72	4.48	5.01	-	-	-	-	-	-
9	3	2.81	3.56	3.49	5.25	4.23	-	-	-	-	-	-
10	4	2.36	5.14	4.59	4.41	4.31	-	-	-	-	-	-
11	1	-	-	-	-	-	-	-	-	-	4.8	-
12	1	-	-	-	-	-	-	-	-	-	-	2.7



Composite Gain (dBi)									
	2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	6.175G	6.475G	6.695G	6.995G
DG [1SS]	5.74	7.95	7.31	8.43	8.69	7.81	7.66	6.82	6.65
DG [2SS]	2.81	5.14	4.72	5.43	5.69	5.42	5.01	5.61	5.75
DG [4SS]	2.81	5.14	4.72	5.25	5.01	5.42	5.01	5.61	5.75

Note 1: The EUT has twelve antennas.

Note 2: The composite gain is derived as KDB 662911 D03 v01 which was used as directional gain. For more detail information, please refer to the Antenna Pattern Report AP392143.

For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT/ax mode (2TX/2RX) < **Radio 0** >

Ant. 5 (port 1) and Ant. 6 (port 2) could receive simultaneously.

For IEEE 802.11 b/g/n/VHT/ax/be mode (4TX/4RX) < **Radio 1** >

Ant. 7 (port 1), Ant. 8 (port 2), Ant. 9 (port 3) and Ant. 10 (port 4) could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax mode(2TX/2RX) < **Radio 0** >

Ant. 5 (port 1) and Ant. 6 (port 2) could receive simultaneously.

For IEEE 802.11 a/n/ac/ax/be mode (4TX/4RX) < **Radio 3** >

Ant. 7 (port 1), Ant. 8 (port 2), Ant. 9 (port 3) and Ant. 10 (port 4) could transmit/receive simultaneously.

For 6GHz function:

For IEEE 802.11axmode (2TX/2RX) < **Radio 0** >

Ant. 5 (port 1) and Ant. 6 (port 2) could receive simultaneously.

For IEEE 802.11 ax/be mode (4TX/4RX) < **Radio 2** >

Ant. 1 (port 1), Ant. 2 (port 2), Ant. 3 (port 3) and Ant. 4 (port 4) could transmit/receive simultaneously.

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX)

Ant. 11 could transmit/receive.

1.1.5 EUT Information

Operational Condition			
EUT Power Type	From AC Adapter / PoE		
EUT Function	☐ Outdoor AP	☒ Indoor AP (Radio 3)	
	☐ Fixed P2P AP	☒ Client (Radio 0)	
Beamforming Function	☒ With beamforming	☐ Without beamforming	
TPC Function	☒ With TPC Function	☐ Without TPC Function	
Weather Band	☒ With 5600~5650MHz	☐ Without 5600~5650MHz	
Resource Unit	☒ Full RU	☐ Partial RU	
	☒ MRU(static preamble puncturing)	☐ MRU(dynamic preamble puncturing)	
Type of EUT			
☒	Stand-alone		
☐	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.: ...		
☐	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.:		
☐	Other:		

1.1.6 Mode Test Duty Cycle
Radio 0_Non-Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_2TX	0.966	0.15	1.978m	1k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.809	0.92	5.447m	300
802.11ax HEW40_Nss1,(MCS0)_2TX	0.781	1.07	5.447m	300
802.11ax HEW80_Nss1,(MCS0)_2TX	0.793	1.01	5.447m	300
802.11ax HEW160_Nss1,(MCS0)_2TX	0.807	0.93	5.447m	300

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Radio 3_Full RU_Non-Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a_Nss1,(6Mbps)_4TX	0.993	0.03	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11be EHT20_Nss1,(MCS0)_4TX	0.997	0.01	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11be EHT40_Nss1,(MCS0)_4TX	0.998	0.01	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11be EHT80_Nss1,(MCS0)_4TX	0.978	0.1	5.45m	200
802.11be EHT160_Nss1,(MCS0)_4TX	0.98	0.09	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Radio 3_Multi-RU_Non-Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11be EHT80_Nss1,(MCS0)_4TX	0.978	0.1	5.45m	200
802.11be EHT160_Nss1,(MCS0)_4TX	0.98	0.09	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Radio 3_Channel Puncturing_Non-Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11be EHT80_Nss 1,(MCS0)_4TX	0.997	0.01	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11be EHT160_Nss 1,(MCS0)_4TX	0.997	0.01	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Radio 0_Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	0.809	0.92	5.447m	300
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.781	1.07	5.447m	300
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	0.793	1.01	5.447m	300
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	0.807	0.93	5.447m	300

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Radio 3_Full RU_Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11be EHT20-BF_Nss1,(MCS0)_4TX	0.997	0.01	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11be EHT40-BF_Nss1,(MCS0)_4TX	0.998	0.01	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11be EHT80-BF_Nss1,(MCS0)_4TX	0.978	0.1	5.45m	200
802.11be EHT160-BF_Nss1,(MCS0)_4TX	0.98	0.09	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

**1.1.7 Table for Permissive Change**

This product is an extension of original one reported under Sporton project number: FR392143AN, FR392143-01AN

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

Modifications	Performance Checking
Replacement of FEM module with alternative component.	All RF Item (Radio 3)

1.2 Testing Applied Standards

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

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

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

- ♦ KDB 662911 D01 v02r01
- ♦ KDB 662911 D03 v01
- ♦ KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Rian Chung	21.1~23.2°C / 54~58%	09/Nov/2024
RF Conducted_ Radio 0	TH01-HY	Jin Jing	22.3~22.5°C / 53~56%	15/Jan/2024~24/Jan/2024
RF Conducted_ Radio 3_Full RU	TH07-HY	Xun Hsieh	22.9~24.1°C / 52~59%	05/Nov/2024
Radiated_ Radio 3_Full RU	03CH02-HY	Vasari Huang	21.4~23.6°C / 50~58%	08/Nov/2024~12/Nov/2024
Radiated_ Radio 3_Multi-RU & Channel Puncturing	03CH02-HY	Vasari Huang	20.3~22.1°C / 53~59%	02/Dec/2024~03/Dec/2024
☒ Wenhua 3rd. (TAF: 3785)	ADD: No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.)			
	TEL: 886-3-327-0868			
Test site Designation No. TW0036 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated_ Radio 0 (Other)	03CH25-HY	Billy Wang	21.5~22.5°C / 51~52%	10/Jan/2024~11/Mar/2024
Radiated_ Radio 0 (below 1G PoE mode)	03CH26-HY	Billy Wang	22.3~22.4°C / 50~51%	24/Feb/2024
RF Conducted_ Radio 3_Multi-RU & Channel Puncturing	TH06-HY	Johnny Yu	22.2~23.6°C / 49~57%	22/Nov/2024~27/Nov/2024
Radiated (Co-location)	03CH26-HY	Henry Ho	22.3~23.1°C / 55~56%	11/Dec/2024

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
AC Power-line Conducted Emissions	4.53 dB	Confidence levels of 95%
Emission Bandwidth	3 MHz	Confidence levels of 95%
Maximum Conducted Output Power	2 dB	Confidence levels of 95%
Power Spectral Density	2 dB	Confidence levels of 95%
Unwanted Emissions	4.8 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	Qdart_conn.win.1.0_installer_00099
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Radio 0_Non-Beamforming (Band 1 + 4)

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	16.5
5200MHz	16.5
5240MHz	16.5
5745MHz	17.5
5785MHz	17.5
5825MHz	17.5
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5180MHz	16
5200MHz	16
5240MHz	16
5745MHz	17.5
5785MHz	17.5
5825MHz	17.5
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5190MHz	14
5230MHz	17.5
5755MHz	17.5
5795MHz	17.5
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5210MHz	17.5
5775MHz	17.5

**Radio 0_Non-Beamforming (Band 2 + 3)**

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	16.5
5300MHz	17
5320MHz	17
5500MHz	17
5580MHz	17
5700MHz	16.5
5720MHz Straddle 5.47-5.725GHz	17
5720MHz Straddle 5.725-5.85GHz	17
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5260MHz	16
5300MHz	16.5
5320MHz	16
5500MHz	16
5580MHz	16.5
5700MHz	15.5
5720MHz Straddle 5.47-5.725GHz	16.5
5720MHz Straddle 5.725-5.85GHz	16.5
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5270MHz	17.5
5310MHz	15
5510MHz	12.5
5550MHz	17.5
5670MHz	17.5
5710MHz Straddle 5.47-5.725GHz	17.5
5710MHz Straddle 5.725-5.85GHz	17.5
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5290MHz	13.5
5530MHz	13.5
5610MHz	17.5
5690MHz Straddle 5.47-5.725GHz	17.5
5690MHz Straddle 5.725-5.85GHz	17.5
802.11ax HEW160_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	14
5250MHz Straddle 5.25-5.35GHz	14
5570MHz	14.5

**Radio 3_Full RU_Non-Beamforming**

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	16.5
5200MHz	16.5
5240MHz	16.5
5260MHz	16.5
5300MHz	16.5
5320MHz	16.5
5500MHz	16.5
5580MHz	16.5
5700MHz	16.5
5720MHz Straddle 5.47-5.725GHz	16.5
5720MHz Straddle 5.725-5.85GHz	16.5
5745MHz	16.5
5785MHz	16.5
5825MHz	16.5
802.11be EHT20_Nss1,(MCS0)_4TX	-
5180MHz	16.5
5200MHz	16.5
5240MHz	16.5
5260MHz	15.5
5300MHz	16.5
5320MHz	16.5
5500MHz	16.5
5580MHz	16.5
5700MHz	16.5
5720MHz Straddle 5.47-5.725GHz	16.5
5720MHz Straddle 5.725-5.85GHz	16.5
5745MHz	16.5
5785MHz	16.5
5825MHz	16.5
802.11be EHT40_Nss1,(MCS0)_4TX	-
5190MHz	14.5
5230MHz	16.5
5270MHz	16.5
5310MHz	15



Mode	Power Setting
5510MHz	10.5
5550MHz	16.5
5670MHz	11.5
5710MHz Straddle 5.47-5.725GHz	16.5
5710MHz Straddle 5.725-5.85GHz	16.5
5755MHz	16.5
5795MHz	16.5
802.11be EHT80_Nss1,(MCS0)_4TX	-
5210MHz	13.5
5290MHz	14.5
5530MHz	10.5
5610MHz	15.5
5690MHz Straddle 5.47-5.725GHz	16.5
5690MHz Straddle 5.725-5.85GHz	16.5
5775MHz	16.5
802.11be EHT160_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	13
5250MHz Straddle 5.25-5.35GHz	13
5570MHz	12

**Radio 3_Multi-RU_Non-Beamforming**

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-
5210MHz	10
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-
5210MHz	9
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-
5290MHz	11.5
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-
5290MHz	10
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-
5530MHz	7
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-
5530MHz	6
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-
5610MHz	12
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-
5610MHz	10.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-
5690MHz Straddle 5.47-5.725GHz	12.5
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-
5690MHz Straddle 5.47-5.725GHz	10.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-
5690MHz Straddle 5.725-5.85GHz	12.5
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-
5690MHz Straddle 5.725-5.85GHz	10.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-
5775MHz	12.5
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-
5775MHz	10.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	-
5250MHz Straddle 5.15-5.25GHz	11
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_4TX	-
5250MHz Straddle 5.15-5.25GHz	9.5
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX	-
5250MHz Straddle 5.15-5.25GHz	8.5



Mode	Power Setting
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	-
5250MHz Straddle 5.25-5.35GHz	11
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_4TX	-
5250MHz Straddle 5.25-5.35GHz	9.5
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX	-
5250MHz Straddle 5.25-5.35GHz	8.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	-
5570MHz	9.5
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_4TX	-
5570MHz	8.5
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX	-
5570MHz	7.5

**Radio 3_Channel Puncturing_Non-Beamforming**

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-
5210MHz	12
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-
5210MHz	12
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-
5210MHz	12.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-
5210MHz	12
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-
5290MHz	13
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-
5290MHz	13
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-
5290MHz	13
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-
5290MHz	13
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-
5530MHz	9
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-
5530MHz	9
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-
5530MHz	9
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-
5530MHz	9
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-
5610MHz	13.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-
5610MHz	13.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-
5610MHz	13.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-
5610MHz	13.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-
5690MHz Straddle 5.47-5.725GHz	13.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-



Mode	Power Setting
5690MHz Straddle 5.47-5.725GHz	13.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-
5690MHz Straddle 5.47-5.725GHz	13.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-
5690MHz Straddle 5.47-5.725GHz	13.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-
5690MHz Straddle 5.725-5.85GHz	13.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-
5690MHz Straddle 5.725-5.85GHz	13.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-
5690MHz Straddle 5.725-5.85GHz	13.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-
5690MHz Straddle 5.725-5.85GHz	13.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-
5775MHz	14.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-
5775MHz	14.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-
5775MHz	14.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-
5775MHz	14.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_4TX	-
5250MHz Straddle 5.15-5.25GHz	12
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 2_4TX	-
5250MHz Straddle 5.15-5.25GHz	12
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_4TX	-
5250MHz Straddle 5.15-5.25GHz	12
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_4TX	-
5250MHz Straddle 5.15-5.25GHz	11.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_4TX	-
5250MHz Straddle 5.15-5.25GHz	12
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX	-



Mode	Power Setting
5250MHz Straddle 5.15-5.25GHz	12
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_4TX	-
5250MHz Straddle 5.15-5.25GHz	12
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_4TX	-
5250MHz Straddle 5.15-5.25GHz	12
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_4TX	-
5250MHz Straddle 5.15-5.25GHz	11.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_4TX	-
5250MHz Straddle 5.15-5.25GHz	11.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX	-
5250MHz Straddle 5.15-5.25GHz	11.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_4TX	-
5250MHz Straddle 5.15-5.25GHz	11.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_4TX	-
5250MHz Straddle 5.25-5.35GHz	12
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 2_4TX	-
5250MHz Straddle 5.25-5.35GHz	12
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_4TX	-
5250MHz Straddle 5.25-5.35GHz	12
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_4TX	-
5250MHz Straddle 5.25-5.35GHz	11.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_4TX	-
5250MHz Straddle 5.25-5.35GHz	12
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX	-
5250MHz Straddle 5.25-5.35GHz	12
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_4TX	-
5250MHz Straddle 5.25-5.35GHz	12
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_4TX	-
5250MHz Straddle 5.25-5.35GHz	12



Mode	Power Setting
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_4TX	-
5250MHz Straddle 5.25-5.35GHz	11.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_4TX	-
5250MHz Straddle 5.25-5.35GHz	11.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX	-
5250MHz Straddle 5.25-5.35GHz	11.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_4TX	-
5250MHz Straddle 5.25-5.35GHz	11.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_4TX	-
5570MHz	11.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 2_4TX	-
5570MHz	11.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_4TX	-
5570MHz	11.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_4TX	-
5570MHz	11.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_4TX	-
5570MHz	11.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX	-
5570MHz	11.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_4TX	-
5570MHz	11.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_4TX	-
5570MHz	11.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_4TX	-
5570MHz	10
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_4TX	-
5570MHz	10.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX	-
5570MHz	10.5



Mode	Power Setting
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_4TX	-
5570MHz	10.5

**Radio 0_Beamforming (Band 1 + 4)**

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5180MHz	16
5200MHz	16
5240MHz	16
5745MHz	17.5
5785MHz	17.5
5825MHz	17.5
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5190MHz	14
5230MHz	17
5755MHz	17.5
5795MHz	17.5
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5210MHz	17
5775MHz	17.5

Radio 0_Beamforming (Band 2 + 3)

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5260MHz	16
5300MHz	16.5
5320MHz	16
5500MHz	16
5580MHz	16.5
5700MHz	15.5
5720MHz Straddle 5.47-5.725GHz	16.5
5720MHz Straddle 5.725-5.85GHz	16.5
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5270MHz	17.5
5310MHz	15
5510MHz	12.5
5550MHz	17.5
5670MHz	17.5
5710MHz Straddle 5.47-5.725GHz	17.5
5710MHz Straddle 5.725-5.85GHz	17.5
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-



Mode	Power Setting
5290MHz	13.5
5530MHz	13.5
5610MHz	17.5
5690MHz Straddle 5.47-5.725GHz	17.5
5690MHz Straddle 5.725-5.85GHz	17.5
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	14
5250MHz Straddle 5.25-5.35GHz	14
5570MHz	14.5

**Radio 3_Full RU_Beamforming**

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-
5180MHz	16.5
5200MHz	16.5
5240MHz	16.5
5260MHz	16.5
5300MHz	16.5
5320MHz	16.5
5500MHz	16
5580MHz	16
5700MHz	16
5720MHz Straddle 5.47-5.725GHz	16.5
5720MHz Straddle 5.725-5.85GHz	16.5
5745MHz	16.5
5785MHz	16.5
5825MHz	16.5
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-
5190MHz	14.5
5230MHz	16.5
5270MHz	16.5
5310MHz	15
5510MHz	10.5
5550MHz	16
5670MHz	11.5
5710MHz Straddle 5.47-5.725GHz	16.5
5710MHz Straddle 5.725-5.85GHz	16.5
5755MHz	16.5
5795MHz	16.5
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-
5210MHz	13.5
5290MHz	14.5
5530MHz	10.5
5610MHz	15.5
5690MHz Straddle 5.47-5.725GHz	16.5
5690MHz Straddle 5.725-5.85GHz	16.5
5775MHz	16.5



Mode	Power Setting
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	13
5250MHz Straddle 5.25-5.35GHz	13
5570MHz	12

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	CTX
1	AC Power & Radio link (WLAN)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Conducted Output Power Peak 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	CTX		
1	AC Power Mode_Radio 0, Radio 3		
2	PoE Mode_Radio 0		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT			V

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated measurement
Operating Mode	CTX
1	Radio 1 + Radio 3 + Radio 2 + Radio 0 (WLAN 2.4GHz) + Bluetooth
2	Radio 1 + Radio 3 + Radio 2 + Radio 0 (WLAN 5GHz) + Bluetooth
3	Radio 1 + Radio 3 + Radio 2 + Radio 0 (WLAN 6GHz) + Bluetooth
Refer to Sporton Test Report No.: FA392143-11 for Co-location RF Exposure Evaluation and Appendix F for Radiated Emission Co-location.	

2.3 Accessories

Accessories					
Ceiling	Brand Name	ARISTA	Model Name	MNT-AP-15MM	

Reminder: Regarding to more detail and other information, please refer to user manual.

2.4 Support Equipment

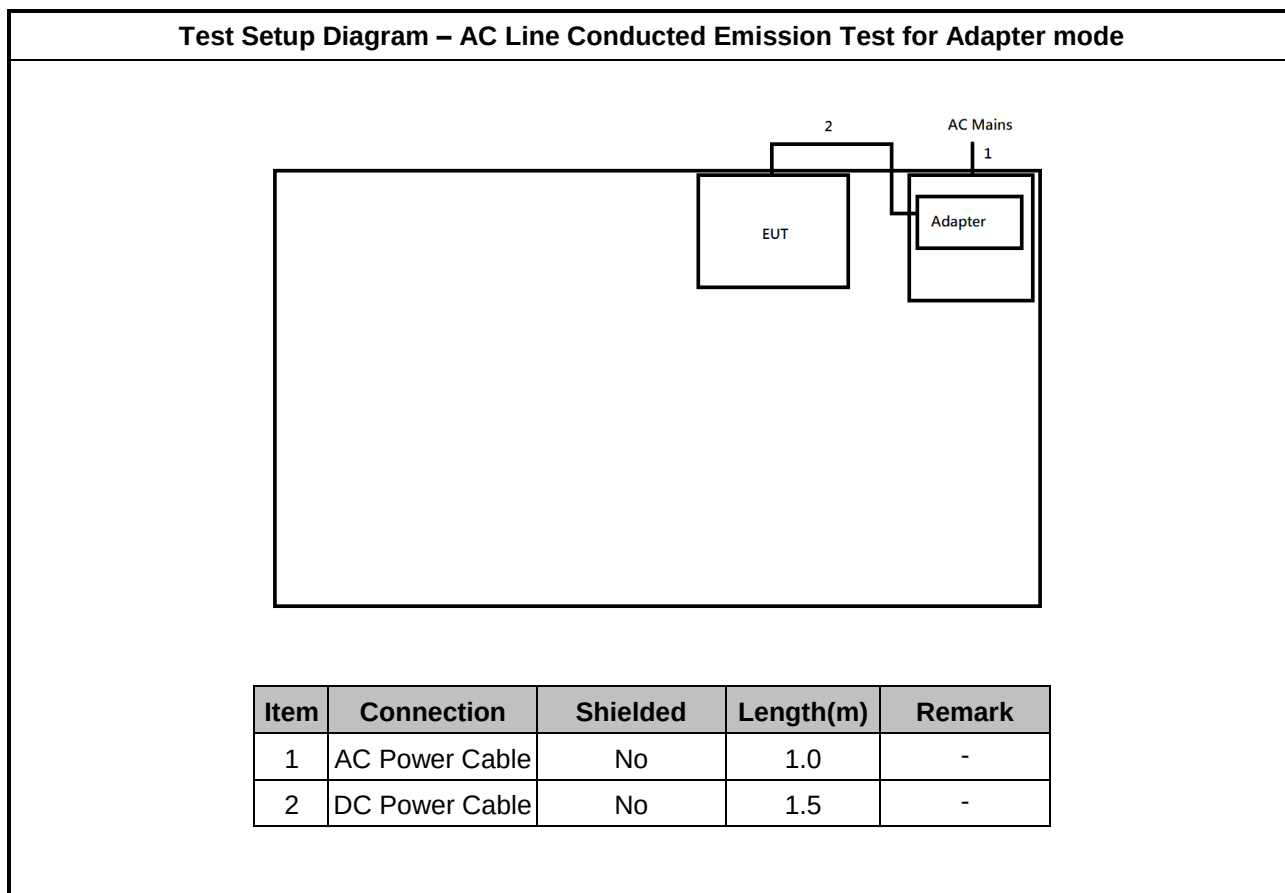
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Adapter	ASIAN POWER DEVICES	WA-48B12R	-	Provided by Customer

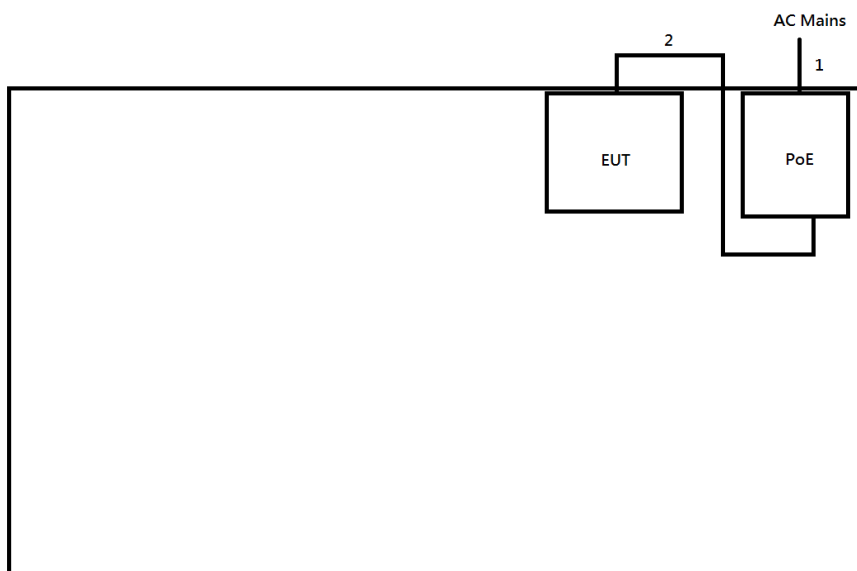
Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	AC Adapter	ASIAN POWER DEVICES	WA-48B12R	-	Provided by Customer

Support Equipment – Radiated_Radio 0					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Adapter	ASIAN POWER DEVICES	WA-48B12R	-	Provided by Customer
2	RJ45 Cable	Power sync	CAT-6E-03	-	-
3	AC Power Cable (Remote)	Power sync	PW-GPC180-3	-	-
4	PoE (Remote)	PHIHONG	POE60U-1BT-5	-	-

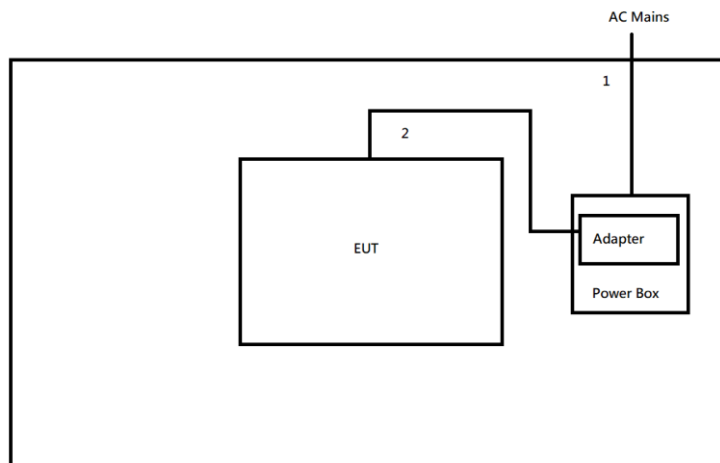
Support Equipment – Radiated_Radio 3					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Adapter	ASIAN POWER DEVICES	WA-48B12R	-	Provided by Customer

2.5 Test Setup Diagram

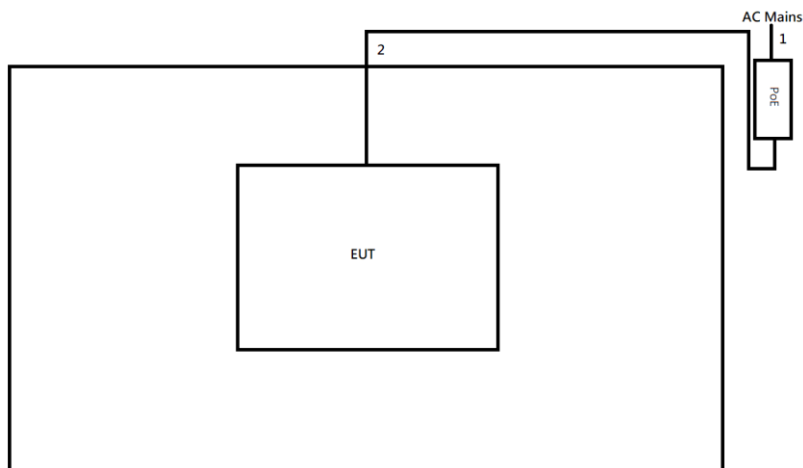


Test Setup Diagram – AC Line Conducted Emission Test for PoE mode


Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	RJ45 Cable	No	3.0	-

Test Setup Diagram - Radiated Test for Adapter mode (Radio 0, Radio 3)


Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	DC Power Cable	No	1.5	-

Test Setup Diagram - Radiated Test for PoE mode (Radio 0)


Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	RJ45 Cable	No	3.0	-

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

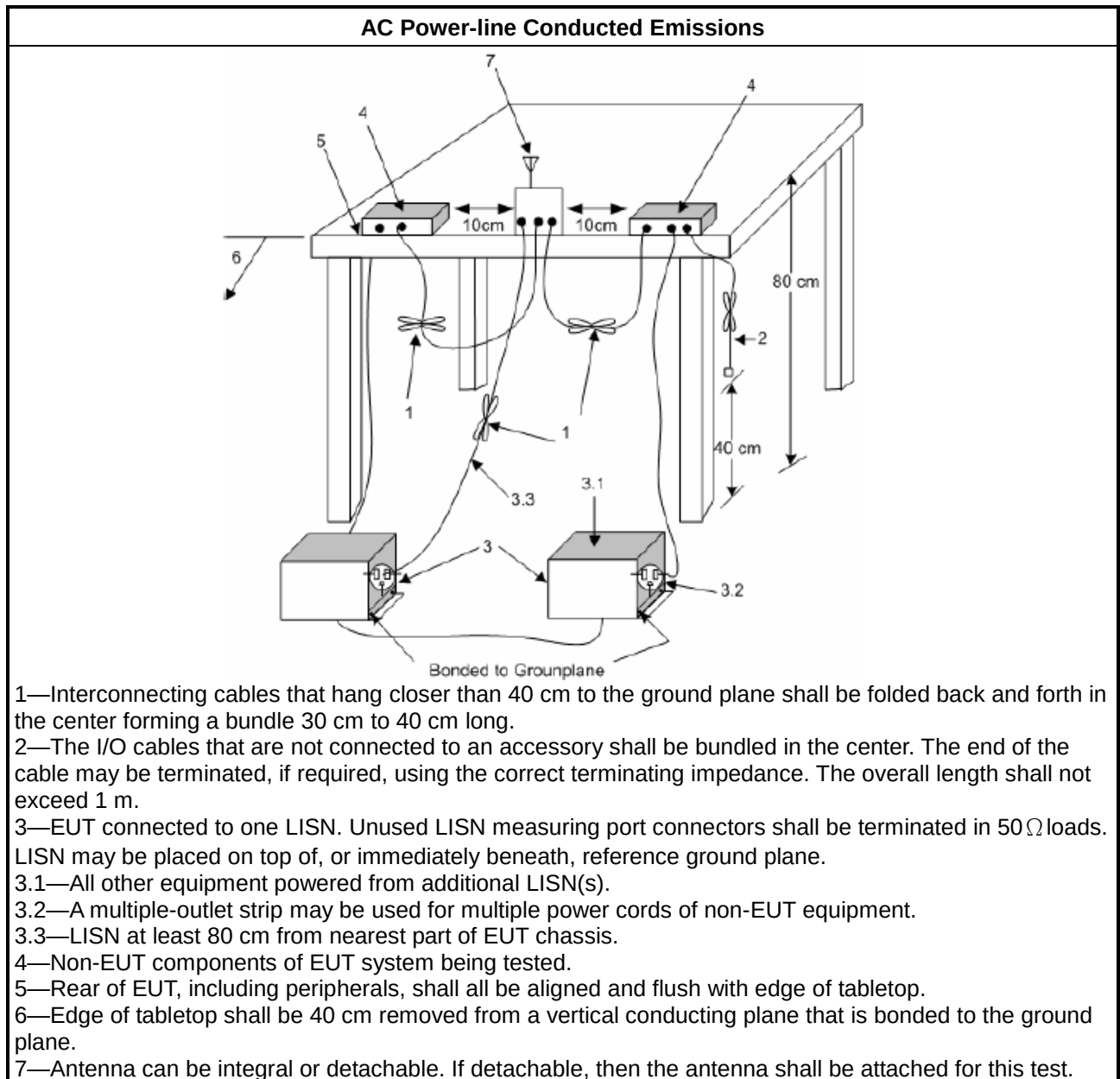
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + LISN(LISN Factor) + CL(Cable Loss) + AT(Attenuator).

3.1.5 Test Setup



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, N/A
☒	For the 5.47-5.725 GHz band, N/A
☒	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq$ 500kHz.

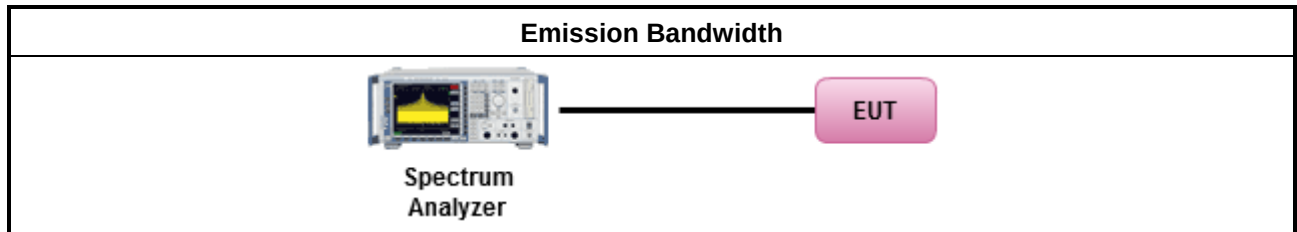
3.2.2 Measuring Instruments

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 KDB 789033, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 6.7 for bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
☐	Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed 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 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 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 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 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 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 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 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

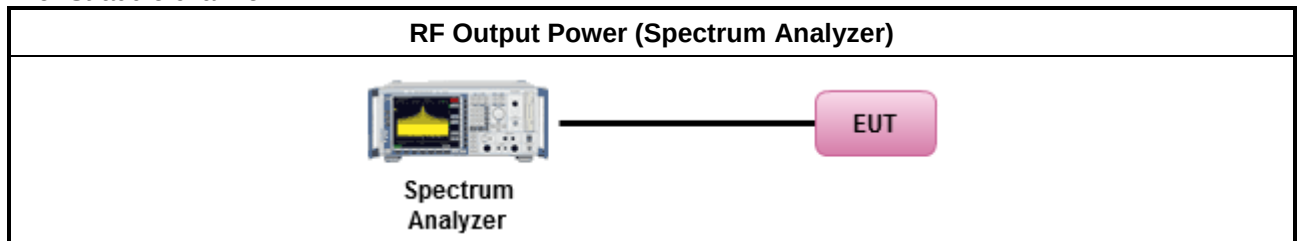
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

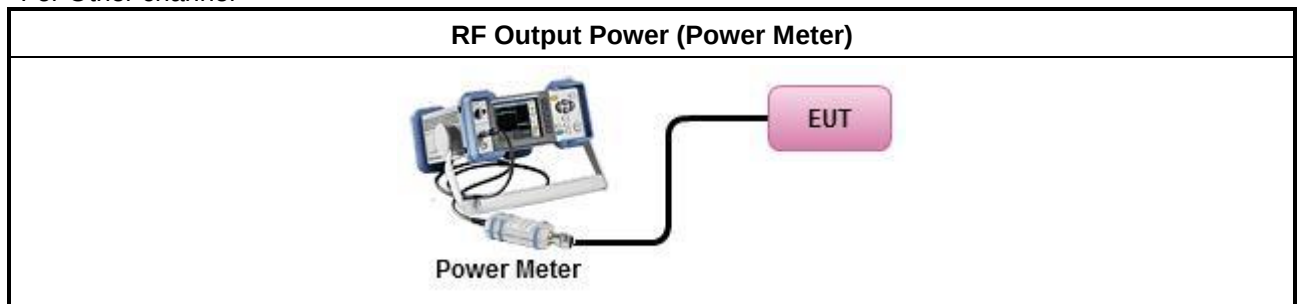
Test Method	
Maximum Conducted Output Power	
	Duty cycle $\geq 98\%$
☒	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle $< 98\%$
☒	Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
☒	Refer as KDB 789033, clause E Method PM (using an RF average power meter).
For conducted measurement.	
	If the EUT supports multiple transmit chains using options given below: Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

For Straddle channel



For Other channel



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density 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 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 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 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.
PPSD = peak power spectral density that he 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.	

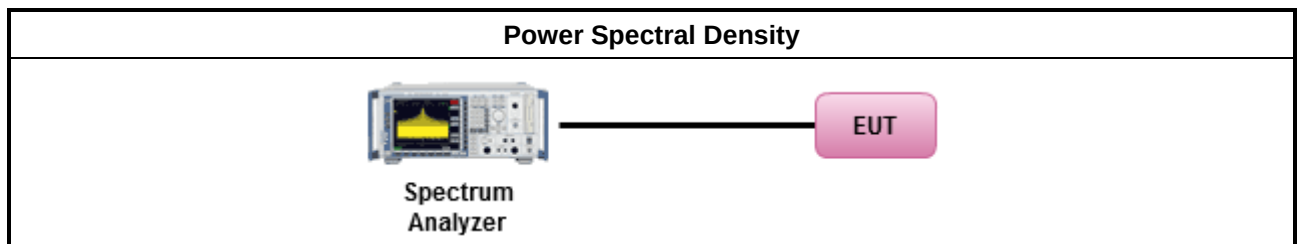
3.4.2 Measuring Instruments

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 KDB 789033, F5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
Duty cycle ≥ 98%	
☒	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
Duty cycle < 98%	
☒	Refer as KDB 789033, 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:	
☐	Measure and sum the spectra across the outputs. Refer as 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.
☐	If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated 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	5.650-5700 GHz: e.i.r.p. -27 ~ 10 dBm [68.2 ~ 105.2 dBuV/m@3m] 5.700-5720 GHz: e.i.r.p. 10 ~ 15.6 dBm [105.2 ~ 110.8 dBuV/m@3m] 5.720-5725 GHz: e.i.r.p. 15.6 ~ 27 dBm [110.8 ~ 122.2 dBuV/m@3m] 5.850-5.855 GHz: e.i.r.p. 27 ~ 15.6 dBm [122.2 ~ 110.8 dBuV/m@3m] 5.855-5.875 GHz: e.i.r.p. 15.6 ~ 10 dBm [110.8 ~ 105.2 dBuV/m@3m] 5.875-5.925 GHz: e.i.r.p. 10 ~ -27 dBm [105.2 ~ 68.2dBuV/m@3m] Other un-restricted band: e.i.r.p. -27 dBm [68.2 dBuV/m@3m]

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

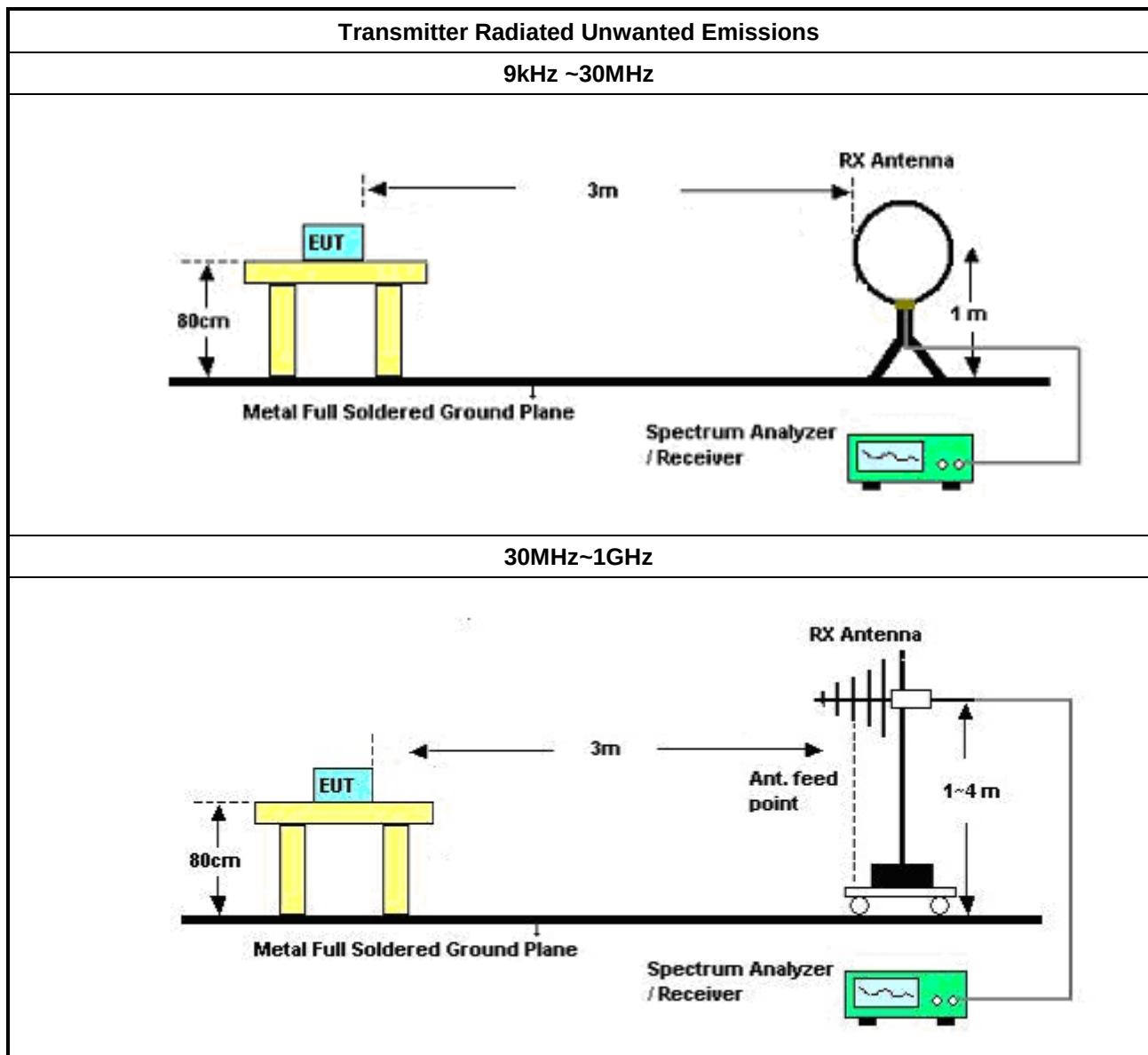
Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 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:	
	Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.
☒	Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.
☒	Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit.
For radiated measurement.	
	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
The any unwanted emissions level shall not exceed the fundamental emission level.	
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.	
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	
	Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

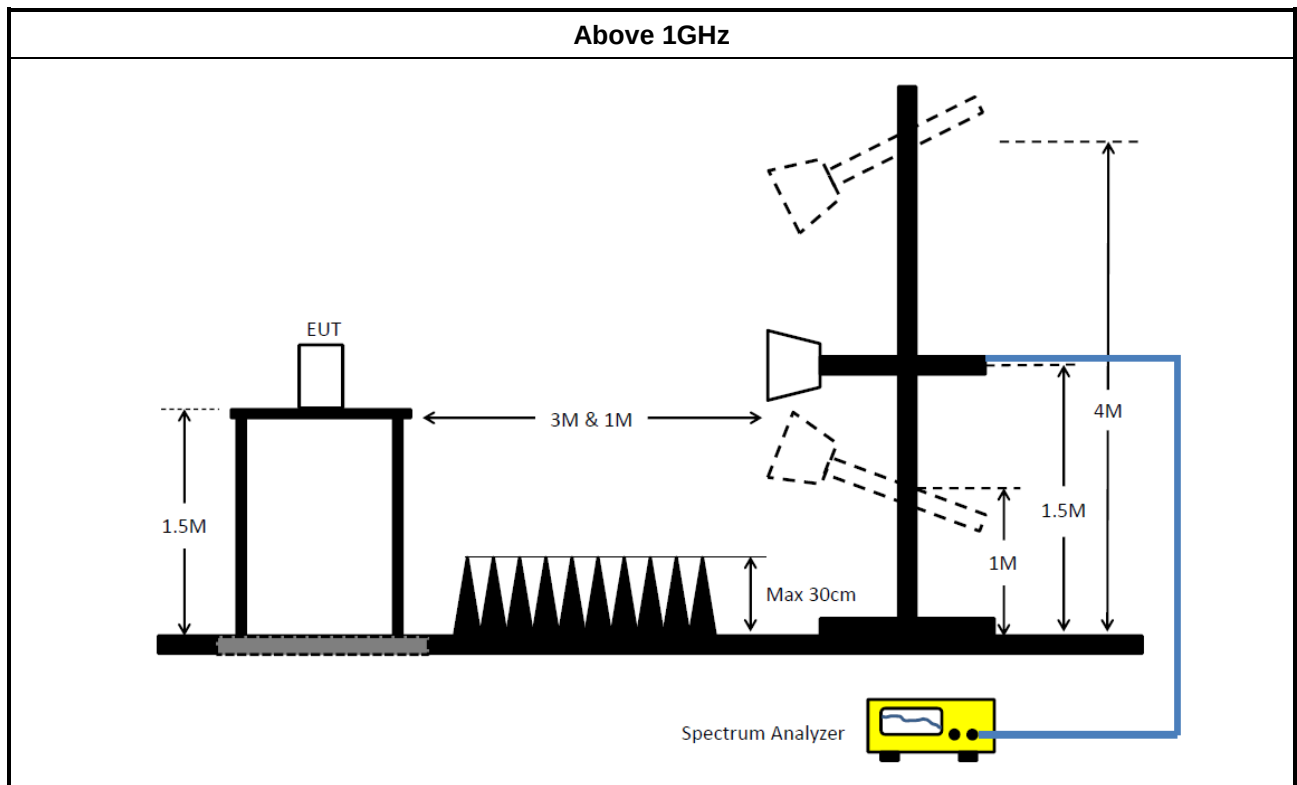
3.5.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamplifier Factor)

3.5.5 Test Setup





3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	ROHDE & SCHWARZ	ESR3	102051	9kHz ~ 3.6GHz	17/May/2024	16/May/2025
Two-Line V-Network	ROHDE & SCHWARZ	ENV 216	101274	9kHz ~ 30MHz	18/Jun/2024	17/Jun/2025
LISN(Artificial Mains Network)	SCHWARZBECK	NSLK 8127	8127477	9kHz ~ 30MHz	12/Apr/2024	11/Apr/2025
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	27/Feb/2024	26/Feb/2025
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	17/Oct/2024	16/Oct/2025
SENSE-EMI	Sporton	V5.11.3	N/A	N/A	N/A	N/A

Instrument for Conducted Test Radio 0

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	ROHDE & SCHWARZ	FSV 3044	101438	10Hz~44GHz	29/Nov/2023	28/Nov/2024
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	20/Oct/2023	19/Oct/2024
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	15/Dec/2023	14/Dec/2024
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	15/Dec/2023	14/Dec/2024
SENSE-15407_NII	Sporton	V5.11.11	N/A	N/A	N/A	N/A

Instrument for Conducted Test Radio 3_Full RU

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101515	9kHz~40GHz	02/Feb/2024	01/Feb/2025
SMB100A Signal Generator	R&S	SMB100A03	183621	23kHz~40GHz	01/Dec/2023	30/Nov/2024
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	15/Dec/2023	14/Dec/2024
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	15/Dec/2023	14/Dec/2024
SENSE-15407_NII	Sporton	V5.11.20	N/A	N/A	N/A	N/A

Instrument for Conducted Test Radio 3_Multi-RU & Channel Puncturing

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	28/Oct/2024	27/Oct/2025
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	16/Oct/2024	15/Oct/2025
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	01/Apr/2024	31/Mar/2025
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	02/Apr/2024	01/Apr/2025
SENSE-15407_NII	Sporton	V5.11.20	N/A	N/A	N/A	N/A

**Instrument for Radiated Test (03CH25-HY)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	30MHz~1GHz 3m	03/Aug/2023	02/Aug/2024
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	1GHz~18GHz 3m	09/Aug/2023	08/Aug/2024
EMI Test Receiver	ROHDE & SCHWARZ	ESR	102318	9kHz~3.6GHz	27/Dec/2023	26/Dec/2024
Signal Analyzer	ROHDE& SCHWARZ	FSV3044	101410	10Hz~44GHz	17/Nov/2023	16/Nov/2024
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	23/Mar/2023	22/Mar/2024
Bilog Antenna & 6dB Attenuator	TESEQ & VGT	CBL 6111D & VFA 04002-06	63537/001	30MHz~1GHz	31/May/2023	30/May/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02876	1GHz~18GHz	12/Jul/2023	11/Jul/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	21/Aug/2023	20/Aug/2024
RF Cable	HUBER+ SUHNER	SUOFLEX 104	CB007	9kHz~1GHz	24/Apr/2023	23/Apr/2024
RF Cable	HUBER+ SUHNER	SUOFLEX 104	CB007	1GHz~40GHz	24/Apr/2023	23/Apr/2024
Preamplifier	SGH	PRAMP 903	20230515-1	30MHz~1GHz	25/May/2023	24/May/2024
Preamplifier	SGH	PRAMP 118-H	20230515-3	1GHz ~18GHz	25/May/2023	24/May/2024
Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	18/Aug/2023	17/Aug/2024
SENSE-15407-NII	Sporton	V5.11.11 Max	NA	NA	NA	NA

Instrument for Radiated Test (03CH26-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH26-HY	30MHz~1GHz 3m	08/Aug/2023	07/Aug/2024
Signal Analyzer	ROHDE& SCHWARZ	FSV3044	101411	10Hz~44GHz	06/Oct/2023	05/Oct/2024
Bilog Antenna & 6dB Attenuator	TESEQ & VGT	CBL 6111D & VFA 04002-06	63540/002	30MHz~1GHz	06/Jun/2023	05/Jun/2024
RF Cable	HUBER+ SUHNER	SUOFLEX 104	CB009	9kHz~1GHz	18/Oct/2023	17/Oct/2024
Preamplifier	SGH	PRAMP 903	20230515-2	30MHz~1GHz	25/May/2023	24/May/2024
SENSE-15407-NII	Sporton	V5.11.11 Max	NA	NA	NA	NA

**Instrument for Radiated Test (03CH02-HY)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3m	14/Jul/2024	13/Jul/2025
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	14/Jul/2024	13/Jul/2025
EMI Test Receiver	R&S	ESR	102052	9kHz~3.6GHz	03/May/2024	02/May/2025
Signal Analyzer	R&S	FSP 40	100593	9kHz~40GHz	11/Mar/2024	10/Mar/2025
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	19/Mar/2024	18/Mar/2025
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723/2	30MHz~1GHz	26/Aug/2024	25/Aug/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz~18GHz	23/Sep/2024	22/Sep/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz~40GHz	04/Jun/2024	03/Jun/2025
RF Cable	MVE	400LL+SN 200207	03CH02-cable-02	9kHz~30MHz	19/Dec/2023	18/Dec/2024
RF Cable	MVE	400LL+SN 200207	03CH02-cable-02	30MHz~1GHz	19/Dec/2023	18/Dec/2024
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX 104	03CH02-cable-01	1GHz~40GHz	15/Feb/2024	14/Feb/2025
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	29/Jun/2024	28/Jun/2025
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	01/Oct/2024	30/Sep/2025
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~40GHz	19/Apr/2024	18/Apr/2025
SENSE-15407-NII	Sporton	V5.11.20	NA	NA	NA	NA

Instrument for Radiated Test (Co-location)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH26-HY	1GHz~18GHz 3m	07/Aug/2024	06/Aug/2025
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101411	10Hz~44GHz	09/Oct/2024	08/Oct/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02877	1GHz~18GHz	11/Jul/2024	10/Jul/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	04/Oct/2024	03/Oct/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB009	1GHz~40GHz	21/Oct/2024	20/Oct/2025
Preamplifier	SGH	PRAMP 118-H	20230515-4	1GHz ~18GHz	24/May/2024	23/May/2025
Microwave Preamplifier	Agilent	8449B	3008A02602	1GHz ~18GHz	15/Mar/2024	14/Mar/2025
SENSE-EMI	Sporton	V5.11.8	NA	NA	NA	NA



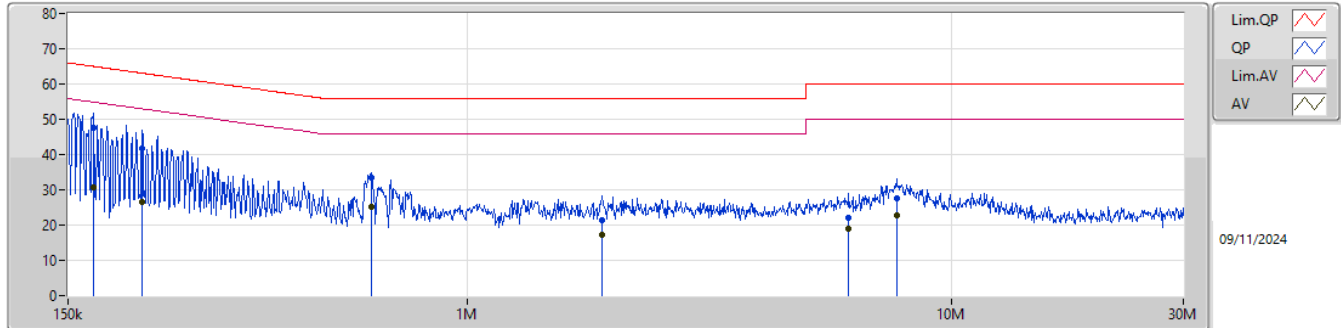
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	171.121k	48.63	64.91	-16.28	Neutral

Result

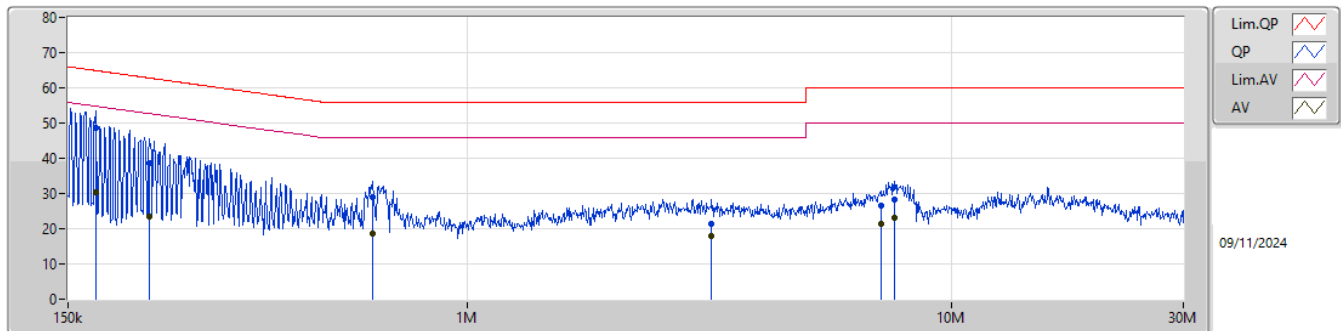
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	169.76k	47.54	64.97	-17.43	Line
Mode 1	Pass	AV	169.76k	30.72	54.97	-24.25	Line
Mode 1	Pass	QP	213.137k	41.74	63.07	-21.33	Line
Mode 1	Pass	AV	213.137k	26.68	53.07	-26.39	Line
Mode 1	Pass	QP	633.814k	33.55	56.00	-22.45	Line
Mode 1	Pass	AV	633.814k	25.12	46.00	-20.88	Line
Mode 1	Pass	QP	1.892M	21.33	56.00	-34.67	Line
Mode 1	Pass	AV	1.892M	17.18	46.00	-28.82	Line
Mode 1	Pass	QP	6.119M	22.07	60.00	-37.93	Line
Mode 1	Pass	AV	6.119M	18.80	50.00	-31.20	Line
Mode 1	Pass	QP	7.683M	27.68	60.00	-32.32	Line
Mode 1	Pass	AV	7.683M	22.69	50.00	-27.31	Line
Mode 1	Pass	QP	171.121k	48.63	64.91	-16.28	Neutral
Mode 1	Pass	AV	171.121k	30.25	54.91	-24.66	Neutral
Mode 1	Pass	QP	220.933k	38.55	62.79	-24.24	Neutral
Mode 1	Pass	AV	220.933k	23.38	52.79	-29.41	Neutral
Mode 1	Pass	QP	638.894k	28.84	56.00	-27.16	Neutral
Mode 1	Pass	AV	638.894k	18.59	46.00	-27.41	Neutral
Mode 1	Pass	QP	3.192M	21.46	56.00	-34.54	Neutral
Mode 1	Pass	AV	3.192M	17.96	46.00	-28.04	Neutral
Mode 1	Pass	QP	7.15M	26.39	60.00	-33.61	Neutral
Mode 1	Pass	AV	7.15M	21.45	50.00	-28.55	Neutral
Mode 1	Pass	QP	7.592M	28.30	60.00	-31.70	Neutral
Mode 1	Pass	AV	7.592M	23.07	50.00	-26.93	Neutral

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	169.76k	47.54	64.97	-17.43	19.71	Line	-	27.83	9.66	0.08	9.97						
AV	169.76k	30.72	54.97	-24.25	19.71	Line	-	11.01	9.66	0.08	9.97						
QP	213.137k	41.74	63.07	-21.33	19.71	Line	-	22.03	9.65	0.09	9.97						
AV	213.137k	26.68	53.07	-26.39	19.71	Line	-	6.97	9.65	0.09	9.97						
QP	633.814k	33.55	56.00	-22.45	19.74	Line	-	13.81	9.66	0.10	9.98						
AV	633.814k	25.12	46.00	-20.88	19.74	Line	-	5.38	9.66	0.10	9.98						
QP	1.892M	21.33	56.00	-34.67	19.75	Line	-	1.58	9.67	0.11	9.97						
AV	1.892M	17.18	46.00	-28.82	19.75	Line	-	-2.57	9.67	0.11	9.97						
QP	6.119M	22.07	60.00	-37.93	19.74	Line	-	2.33	9.70	0.06	9.98						
AV	6.119M	18.80	50.00	-31.20	19.74	Line	-	-0.94	9.70	0.06	9.98						
QP	7.683M	27.68	60.00	-32.32	19.74	Line	-	7.94	9.70	0.06	9.98						
AV	7.683M	22.69	50.00	-27.31	19.74	Line	-	2.95	9.70	0.06	9.98						

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	171.121k	48.63	64.91	-16.28	19.65	Neutral	-	28.98	9.60	0.08	9.97						
AV	171.121k	30.25	54.91	-24.66	19.65	Neutral	-	10.60	9.60	0.08	9.97						
QP	220.933k	38.55	62.79	-24.24	19.66	Neutral	-	18.89	9.60	0.09	9.97						
AV	220.933k	23.38	52.79	-29.41	19.66	Neutral	-	3.72	9.60	0.09	9.97						
QP	638.894k	28.84	56.00	-27.16	19.69	Neutral	-	9.15	9.61	0.10	9.98						
AV	638.894k	18.59	46.00	-27.41	19.69	Neutral	-	-1.10	9.61	0.10	9.98						
QP	3.192M	21.46	56.00	-34.54	19.68	Neutral	-	1.78	9.62	0.08	9.98						
AV	3.192M	17.96	46.00	-28.04	19.68	Neutral	-	-1.72	9.62	0.08	9.98						
QP	7.15M	26.39	60.00	-33.61	19.69	Neutral	-	6.70	9.65	0.06	9.98						
AV	7.15M	21.45	50.00	-28.55	19.69	Neutral	-	1.76	9.65	0.06	9.98						
QP	7.592M	28.30	60.00	-31.70	19.69	Neutral	-	8.61	9.65	0.06	9.98						
AV	7.592M	23.07	50.00	-26.93	19.69	Neutral	-	3.38	9.65	0.06	9.98						

**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)_2TX	20.075M	16.472M	16M5D1D	18.205M	16.35M
802.11ax HEW20_Nss1,(MCS0)_2TX	20.46M	19.045M	19M0D1D	19.8M	18.812M
802.11ax HEW40_Nss1,(MCS0)_2TX	39.6M	37.707M	37M7D1D	39.38M	37.619M
802.11ax HEW80_Nss1,(MCS0)_2TX	81.62M	77.553M	77M6D1D	80.08M	76.93M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.39M	16.438M	16M4D1D	16.005M	16.313M
802.11ax HEW20_Nss1,(MCS0)_2TX	19.085M	18.94M	18M9D1D	18.26M	18.842M
802.11ax HEW40_Nss1,(MCS0)_2TX	38.06M	37.867M	37M9D1D	32.23M	37.484M
802.11ax HEW80_Nss1,(MCS0)_2TX	77.88M	77.129M	77M1D1D	77.88M	76.648M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.075M	16.472M	18.205M	16.407M
5200MHz	Pass	Inf	18.645M	16.35M	18.535M	16.356M
5240MHz	Pass	Inf	18.645M	16.362M	18.865M	16.354M
5745MHz	Pass	500k	16.335M	16.331M	16.005M	16.362M
5785MHz	Pass	500k	16.335M	16.313M	16.39M	16.385M
5825MHz	Pass	500k	16.39M	16.438M	16.335M	16.397M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.46M	18.812M	19.855M	19.045M
5200MHz	Pass	Inf	20.24M	18.92M	19.8M	18.813M
5240MHz	Pass	Inf	20.295M	18.888M	20.24M	18.853M
5745MHz	Pass	500k	18.26M	18.903M	19.03M	18.908M
5785MHz	Pass	500k	19.085M	18.871M	18.975M	18.884M
5825MHz	Pass	500k	18.975M	18.94M	18.755M	18.842M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.6M	37.635M	39.6M	37.629M
5230MHz	Pass	Inf	39.6M	37.707M	39.38M	37.619M
5755MHz	Pass	500k	37.73M	37.867M	38.06M	37.484M
5795MHz	Pass	500k	37.4M	37.627M	32.23M	37.698M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	80.08M	77.553M	81.62M	76.93M
5775MHz	Pass	500k	77.88M	77.129M	77.88M	76.648M

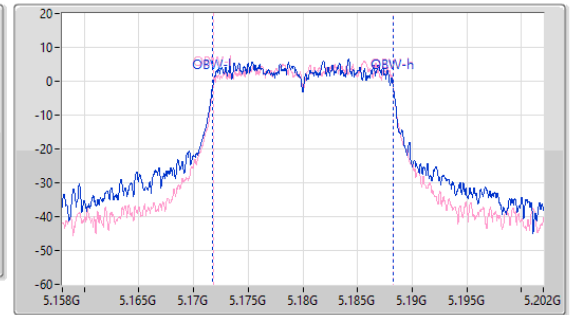
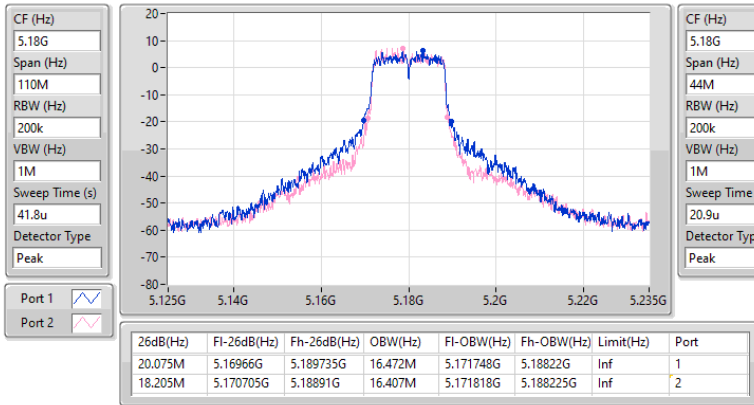
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5180MHz

15/01/2024

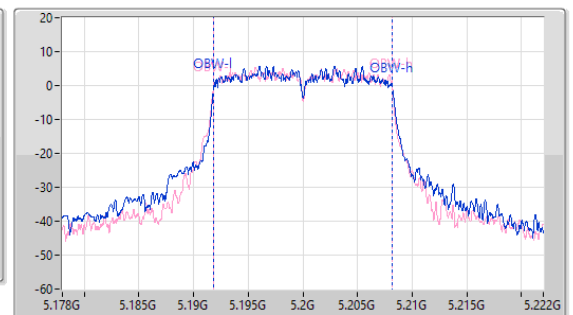
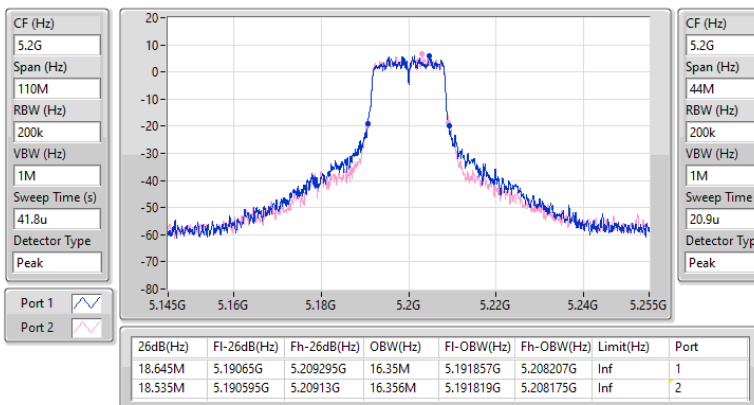


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5200MHz

15/01/2024

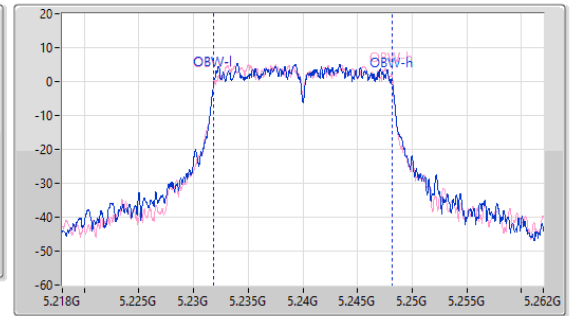
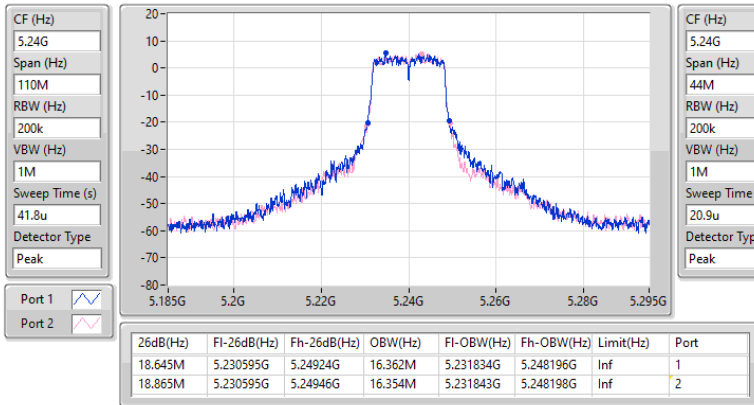


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5240MHz

15/01/2024

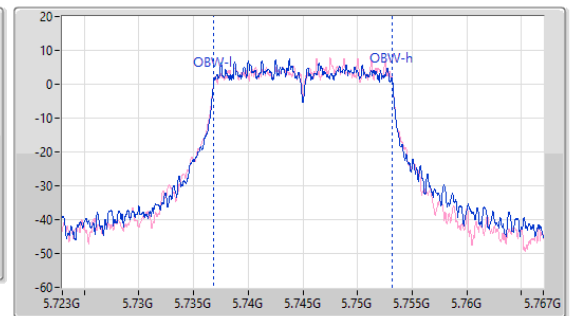
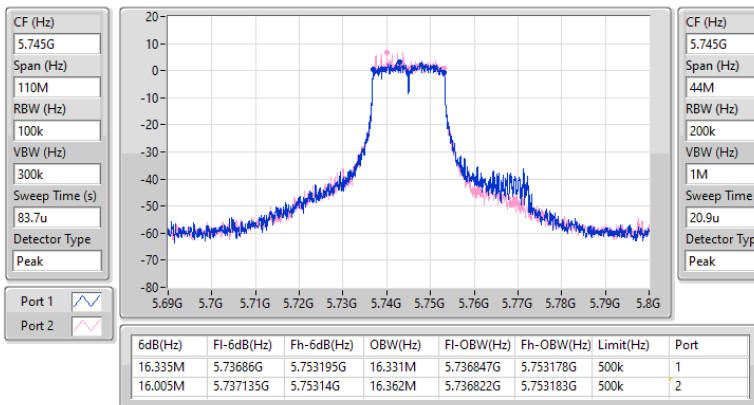


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

15/01/2024

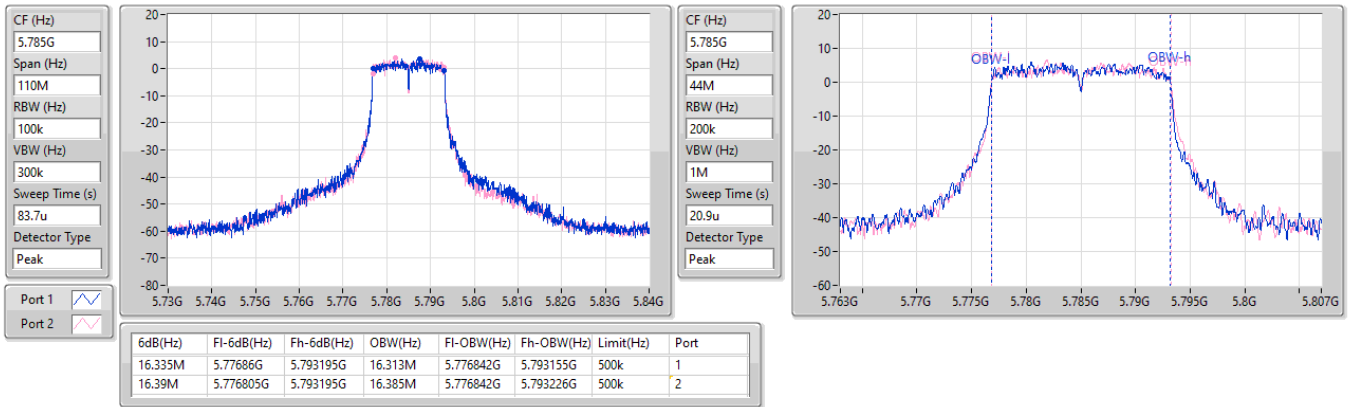


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

15/01/2024

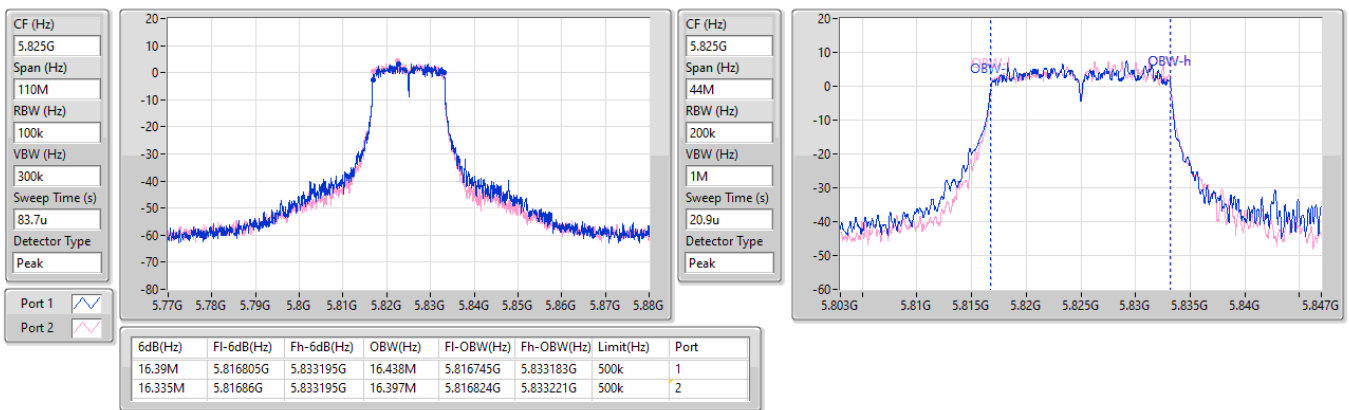


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5825MHz

15/01/2024

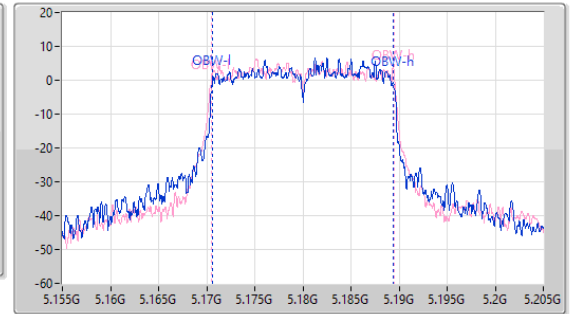
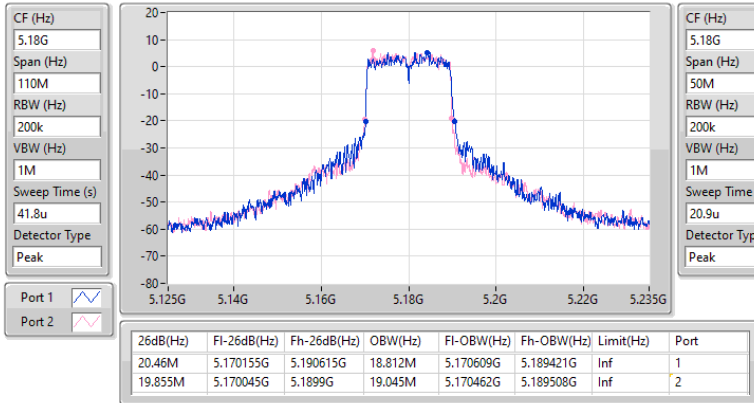


5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

5180MHz

15/01/2024

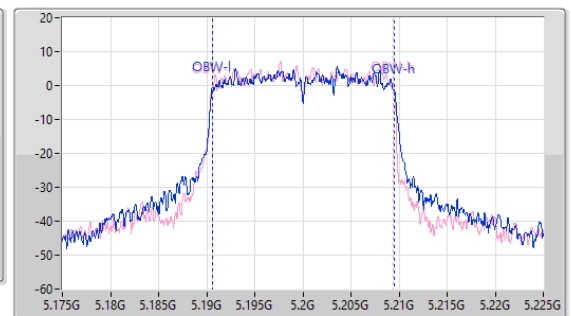
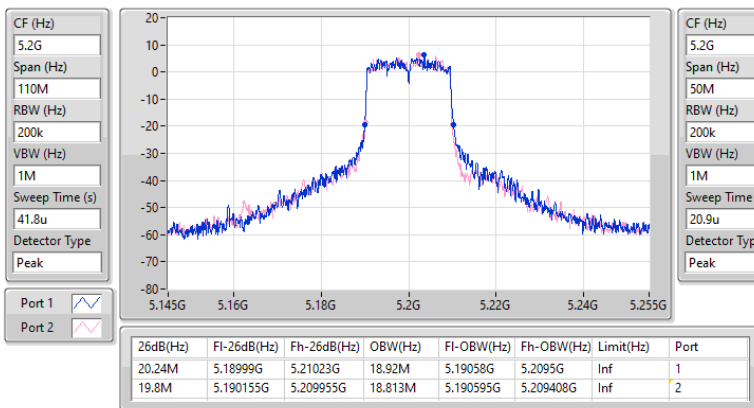


5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

5200MHz

15/01/2024

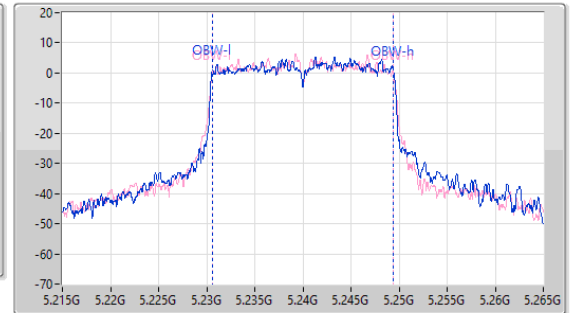
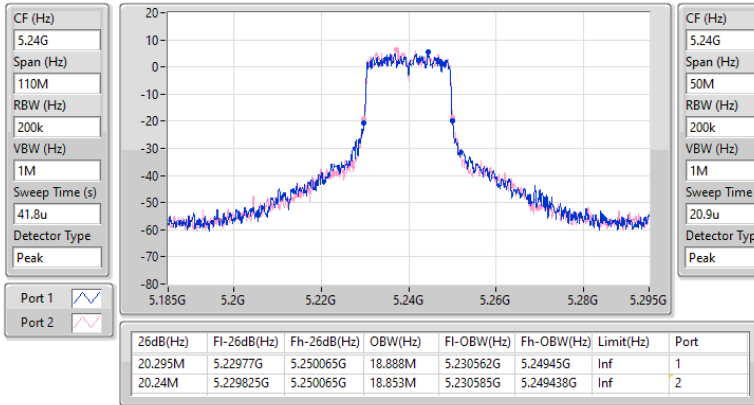


5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5240MHz

15/01/2024

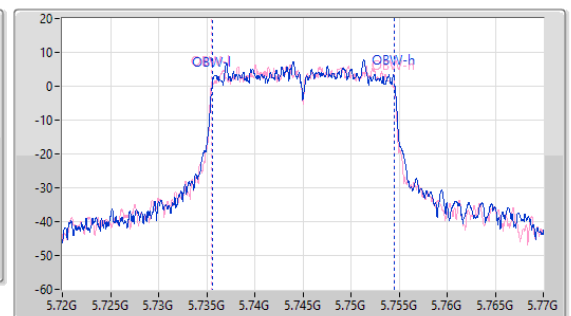
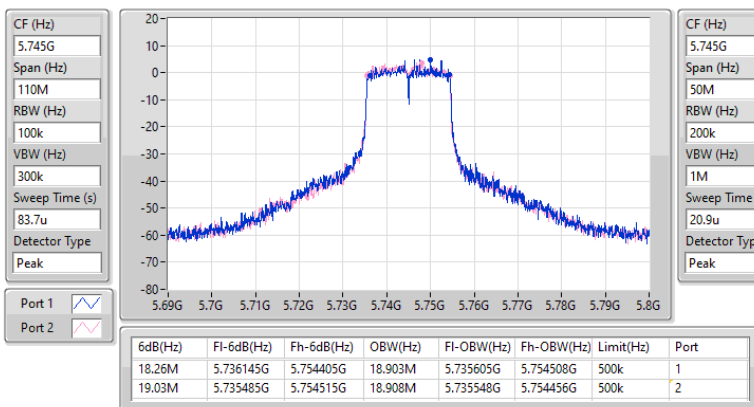


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5745MHz

15/01/2024

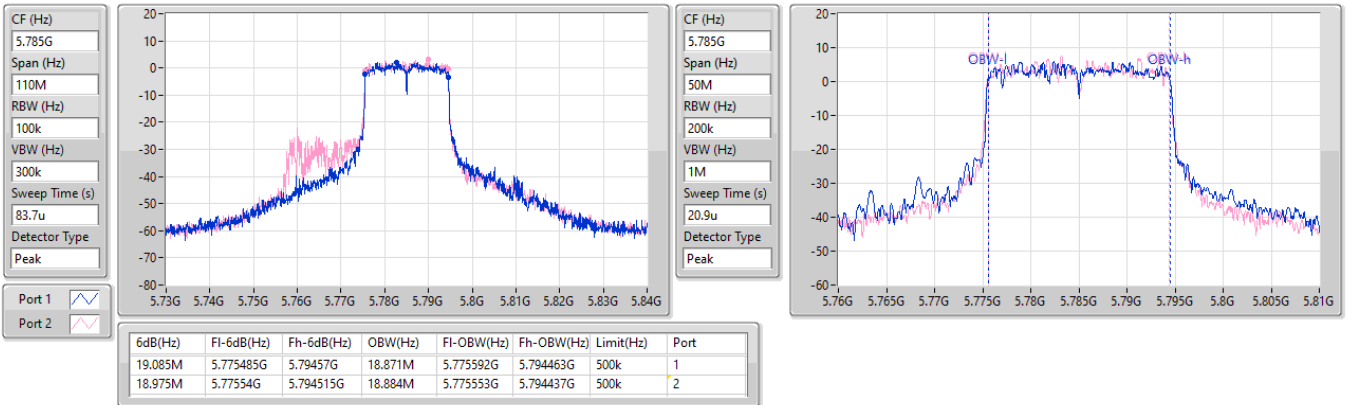


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5785MHz

15/01/2024

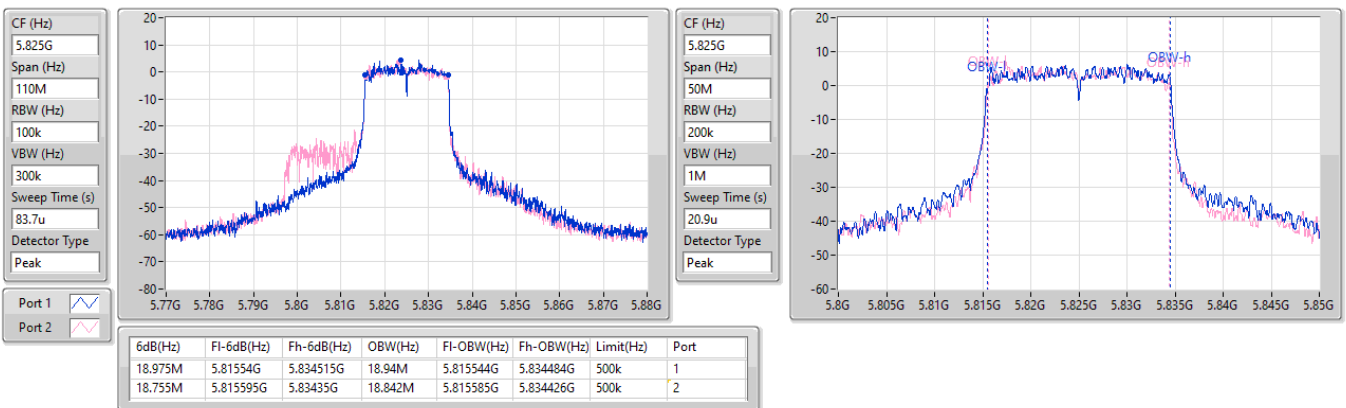


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5825MHz

15/01/2024

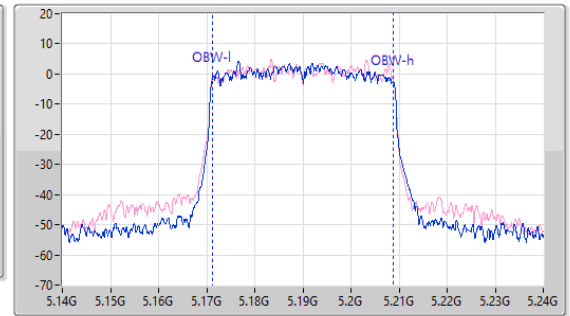
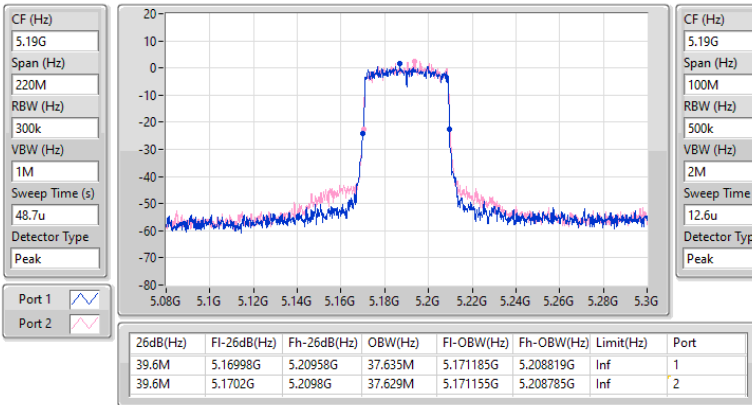


5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

5190MHz

15/01/2024

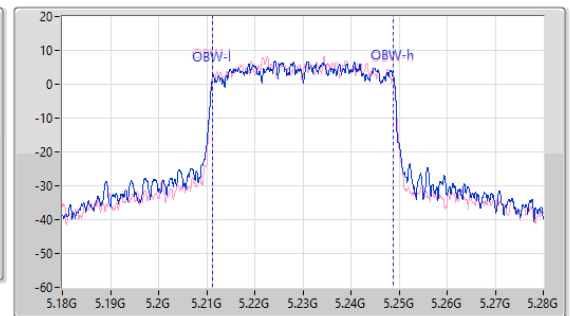
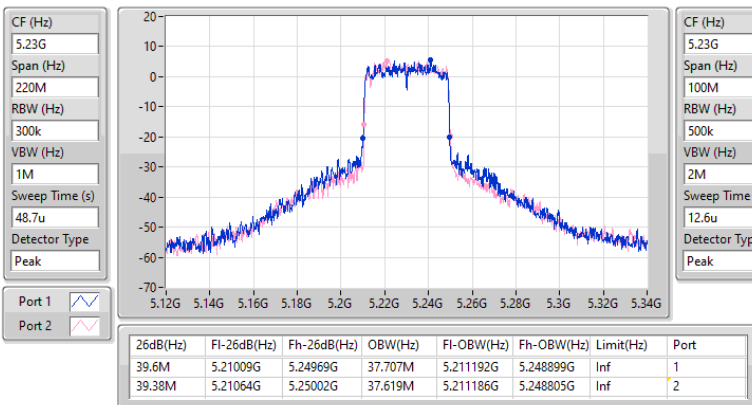


5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

5230MHz

15/01/2024

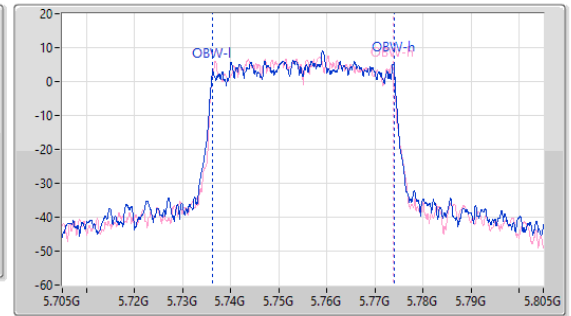
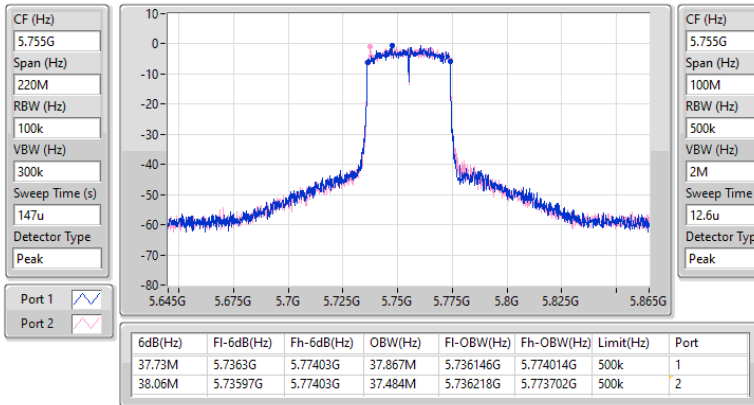


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5755MHz

15/01/2024

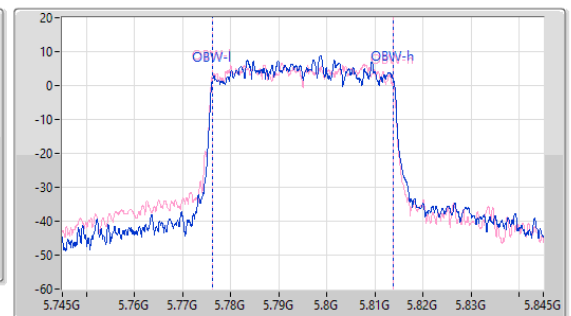
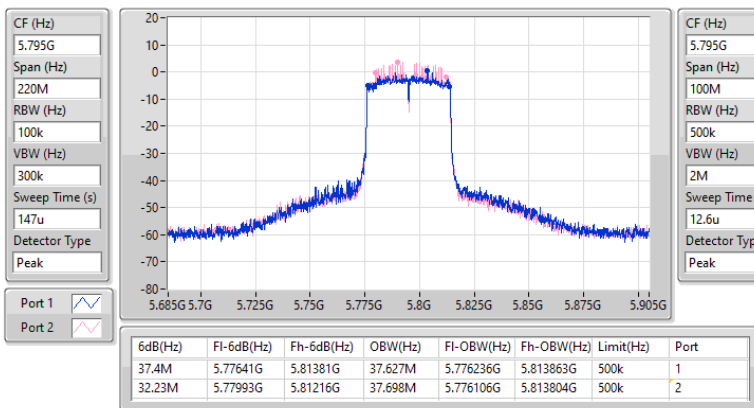


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5795MHz

15/01/2024

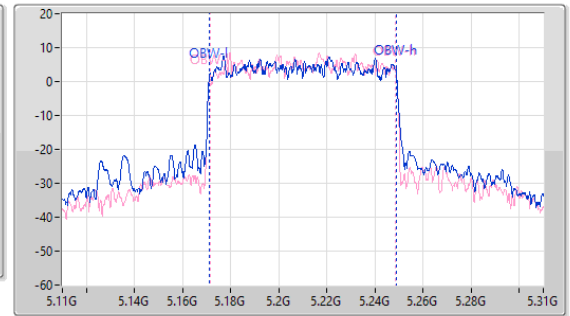
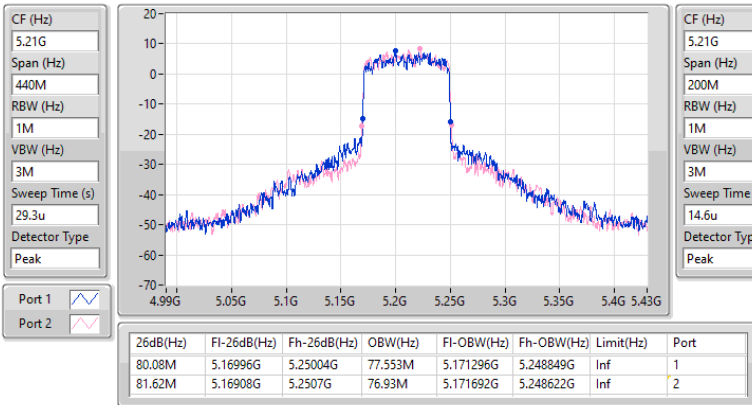


5.15-5.25GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

EBW

5210MHz

15/01/2024

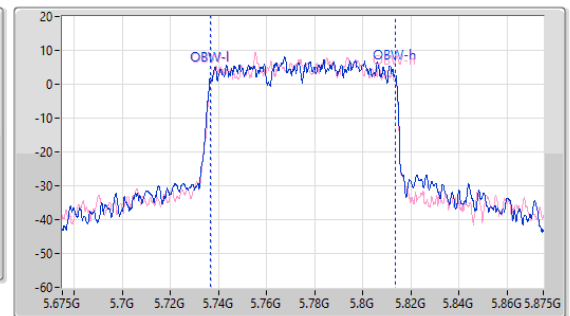
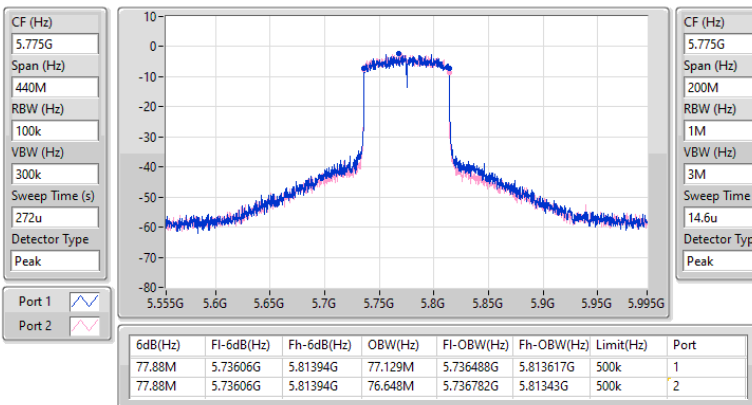


5.725-5.85GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

EBW

5775MHz

15/01/2024



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_2TX	80.16M	77.273M	77M3D1D	80M	76.924M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.635M	16.433M	16M4D1D	18.425M	16.352M
802.11ax HEW20_Nss1,(MCS0)_2TX	20.79M	18.941M	18M9D1D	19.745M	18.791M
802.11ax HEW40_Nss1,(MCS0)_2TX	39.6M	37.86M	37M9D1D	39.16M	37.604M
802.11ax HEW80_Nss1,(MCS0)_2TX	80.74M	76.986M	77M0D1D	80.08M	76.906M
802.11ax HEW160_Nss1,(MCS0)_2TX	79.92M	77.302M	77M3D1D	79.92M	77.013M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	18.865M	16.38M	16M4D1D	14.115M	13.114M
802.11ax HEW20_Nss1,(MCS0)_2TX	20.625M	18.905M	18M9D1D	14.85M	14.319M
802.11ax HEW40_Nss1,(MCS0)_2TX	39.71M	37.837M	37M8D1D	34.51M	33.596M
802.11ax HEW80_Nss1,(MCS0)_2TX	81.84M	77.317M	77M3D1D	75.225M	72.598M
802.11ax HEW160_Nss1,(MCS0)_2TX	161.92M	154.509M	155MD1D	161.92M	154.379M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.24M	3.44M	3M44D1D	3.2M	3.406M
802.11ax HEW20_Nss1,(MCS0)_2TX	4.56M	4.583M	4M58D1D	4.54M	4.567M
802.11ax HEW40_Nss1,(MCS0)_2TX	4.12M	4.096M	4M10D1D	4.06M	4.094M
802.11ax HEW80_Nss1,(MCS0)_2TX	4.14M	4.213M	4M21D1D	4.04M	4.15M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	18.7M	16.433M	19.635M	16.363M
5300MHz	Pass	Inf	19.525M	16.362M	18.81M	16.411M
5320MHz	Pass	Inf	18.425M	16.354M	18.645M	16.352M
5500MHz	Pass	Inf	18.095M	16.345M	17.765M	16.371M
5580MHz	Pass	Inf	18.48M	16.356M	18.865M	16.379M
5700MHz	Pass	Inf	18.425M	16.326M	18.315M	16.38M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.145M	13.116M	14.115M	13.114M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.24M	3.406M	3.2M	3.44M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	19.91M	18.875M	20.13M	18.824M
5300MHz	Pass	Inf	19.965M	18.875M	20.79M	18.941M
5320MHz	Pass	Inf	19.745M	18.855M	19.91M	18.791M
5500MHz	Pass	Inf	20.13M	18.878M	19.91M	18.833M
5580MHz	Pass	Inf	20.625M	18.818M	19.855M	18.869M
5700MHz	Pass	Inf	20.075M	18.881M	19.855M	18.905M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.85M	14.319M	15.195M	14.36M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.56M	4.583M	4.54M	4.567M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	39.16M	37.86M	39.38M	37.624M
5310MHz	Pass	Inf	39.16M	37.762M	39.6M	37.604M
5510MHz	Pass	Inf	38.94M	37.507M	39.6M	37.65M
5550MHz	Pass	Inf	39.71M	37.546M	39.38M	37.657M
5670MHz	Pass	Inf	39.16M	37.802M	39.27M	37.837M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.07M	33.716M	34.51M	33.596M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.12M	4.096M	4.06M	4.094M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	80.74M	76.906M	80.08M	76.986M
5530MHz	Pass	Inf	81.84M	77.028M	79.86M	77.073M
5610MHz	Pass	Inf	81.18M	77.317M	81.18M	77.16M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.8M	72.598M	75.225M	73.031M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.04M	4.15M	4.14M	4.213M
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80M	77.273M	80.16M	76.924M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	79.92M	77.013M	79.92M	77.302M
5570MHz	Pass	Inf	161.92M	154.509M	161.92M	154.379M

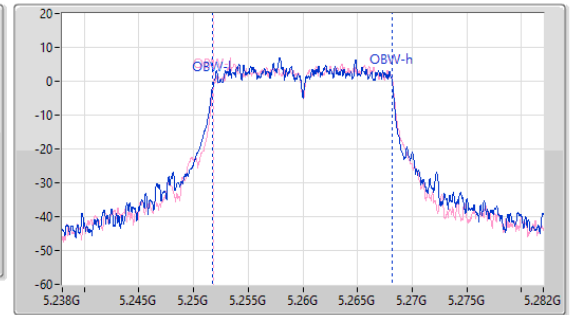
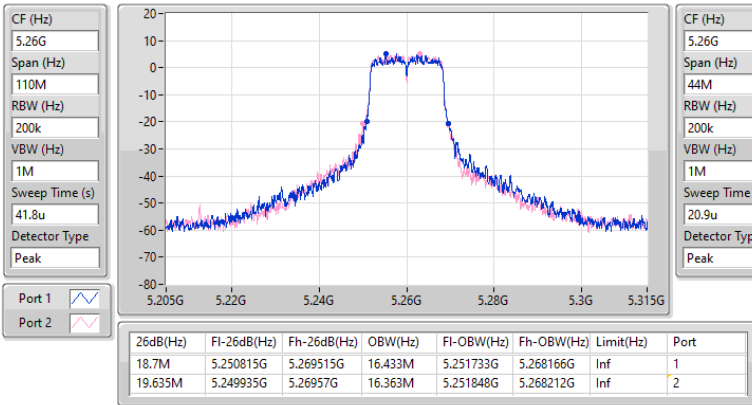
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5260MHz

15/01/2024

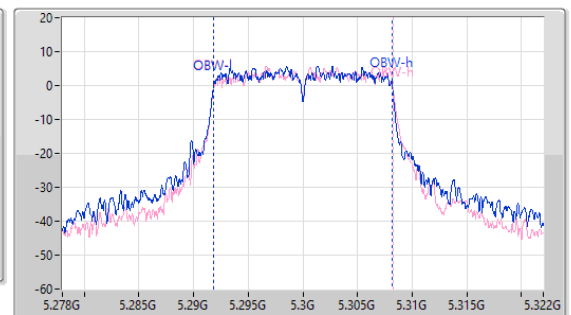
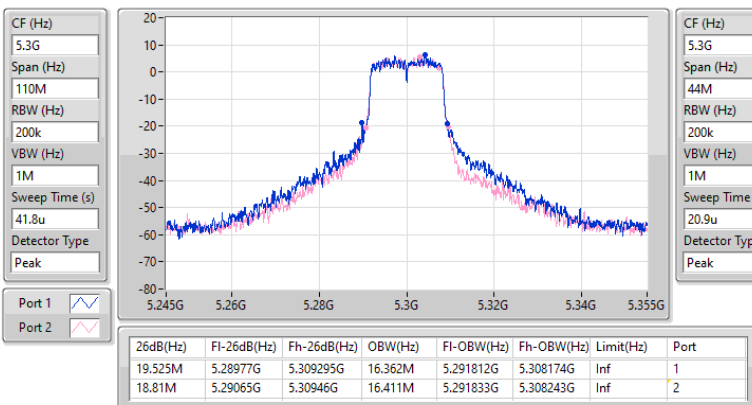


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5300MHz

15/01/2024

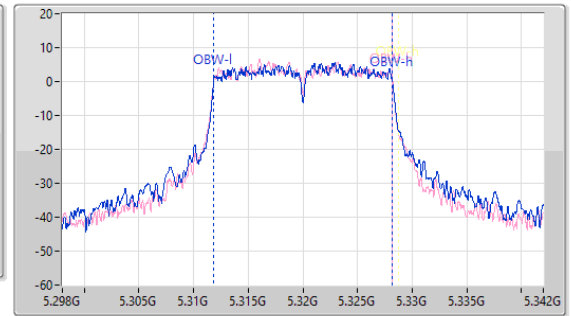
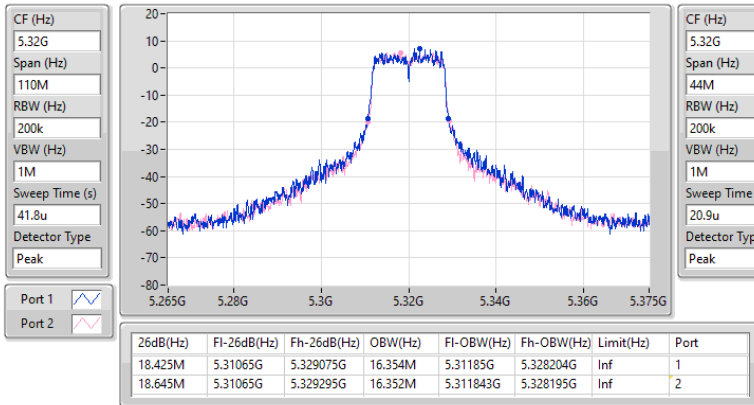


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5320MHz

15/01/2024

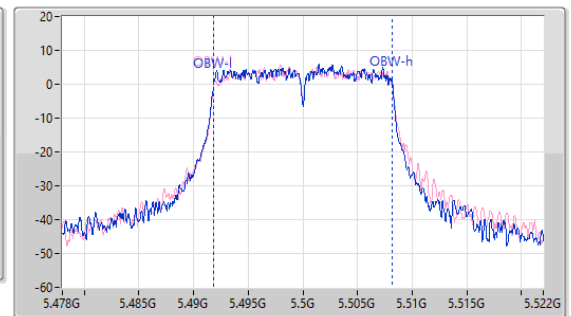
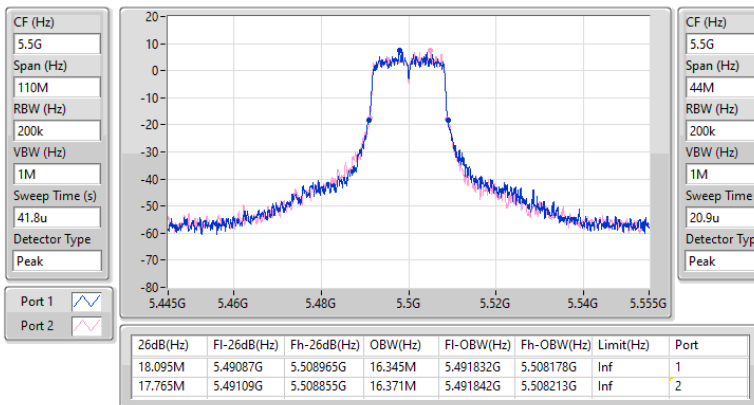


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5500MHz

15/01/2024

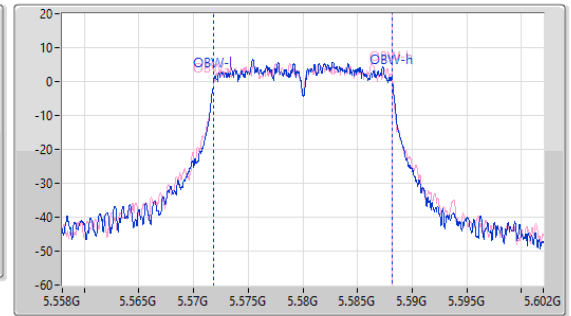
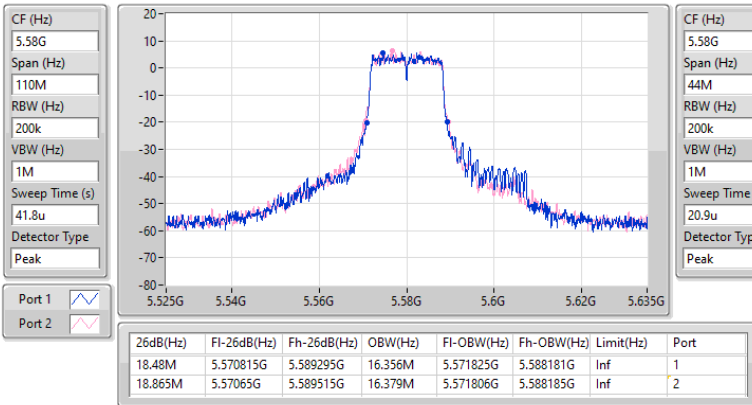


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5580MHz

15/01/2024

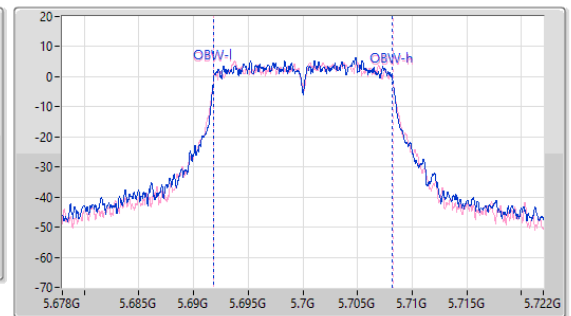
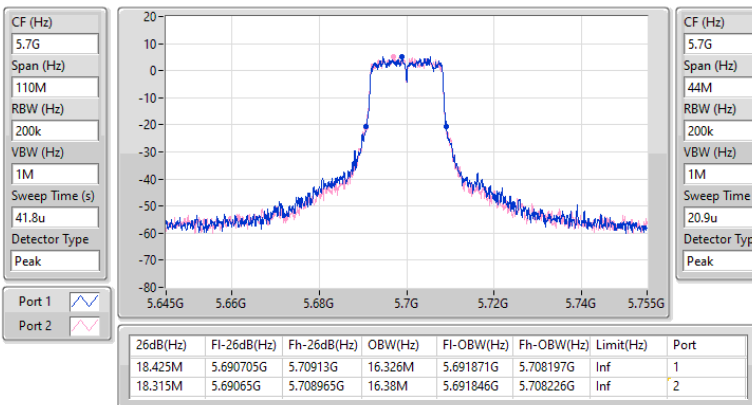


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5700MHz

16/01/2024

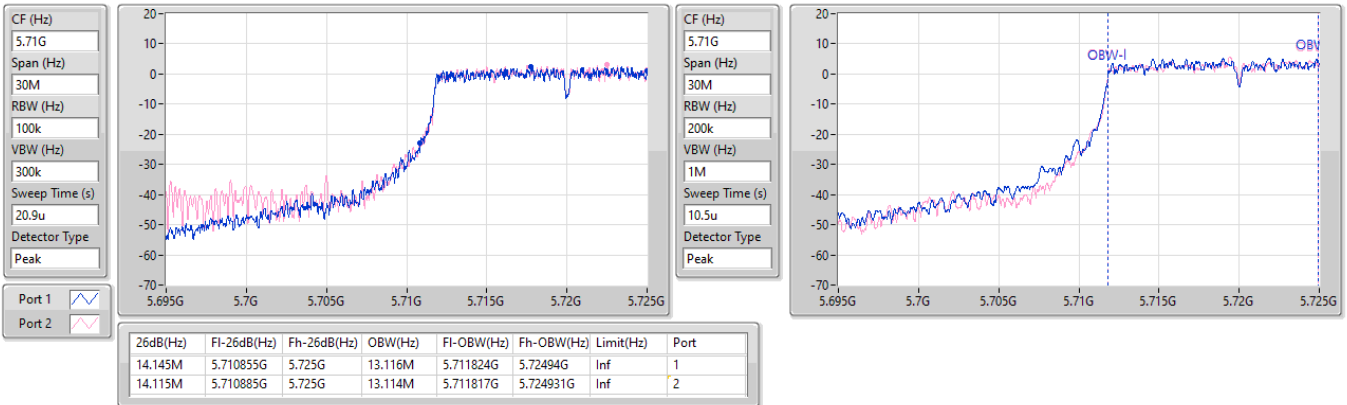


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

15/01/2024

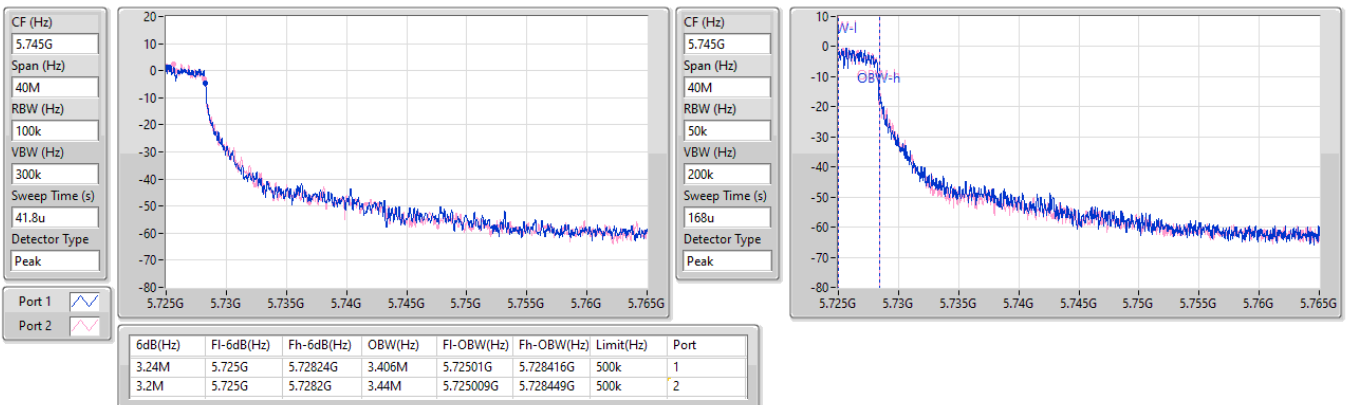


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

15/01/2024

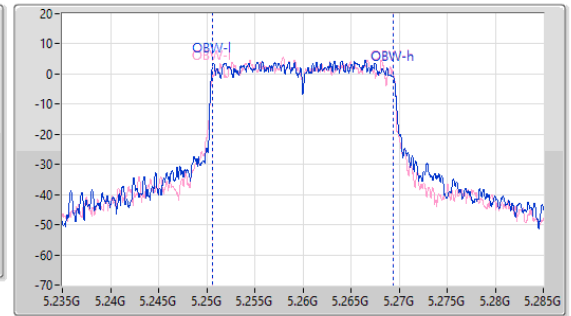
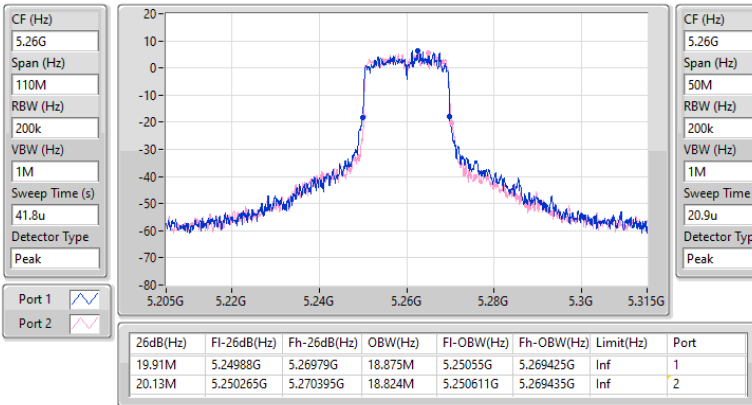


5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

5260MHz

15/01/2024

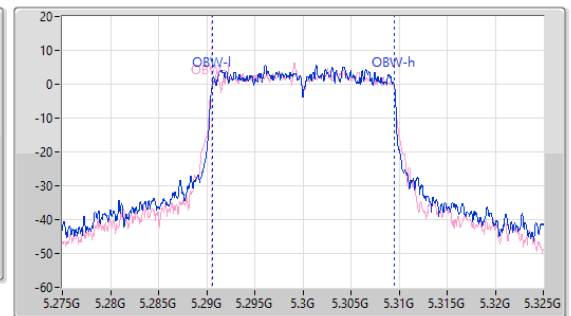
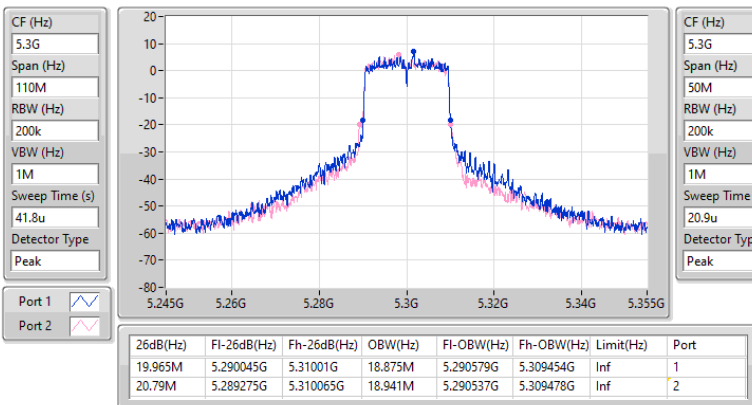


5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

5300MHz

15/01/2024

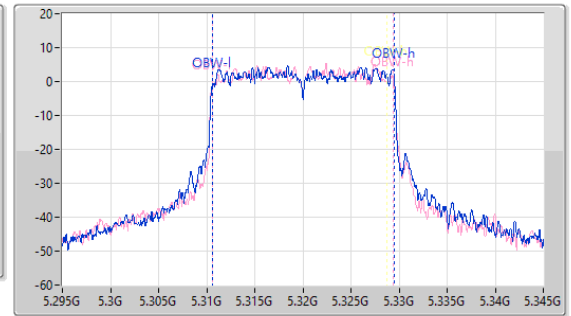
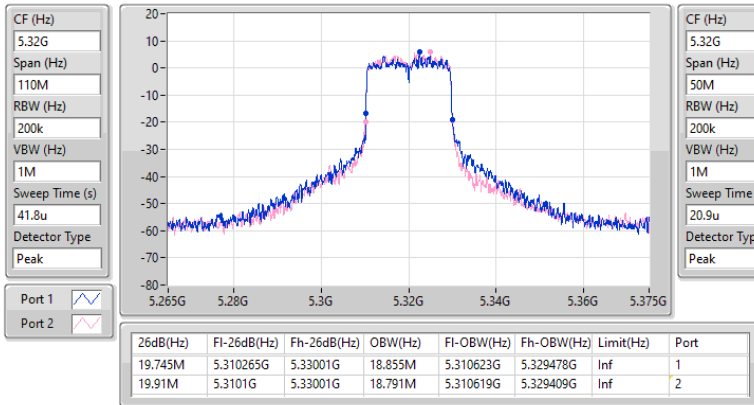


5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

5320MHz

15/01/2024

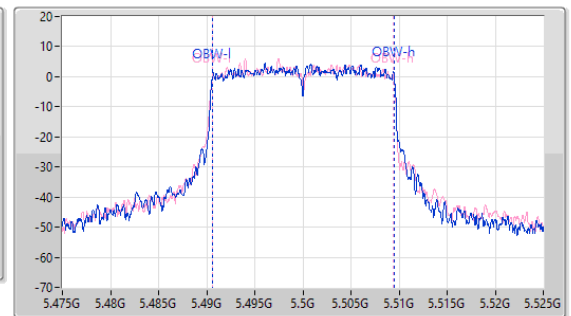
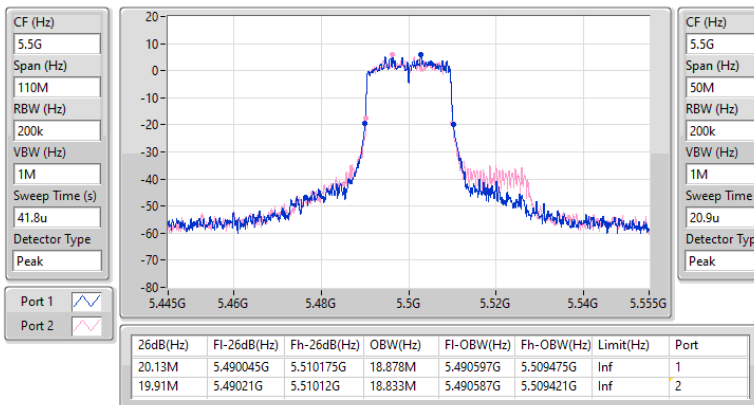


5.47-5.725GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

5500MHz

15/01/2024

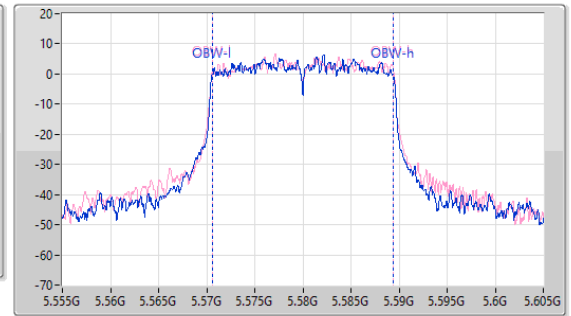
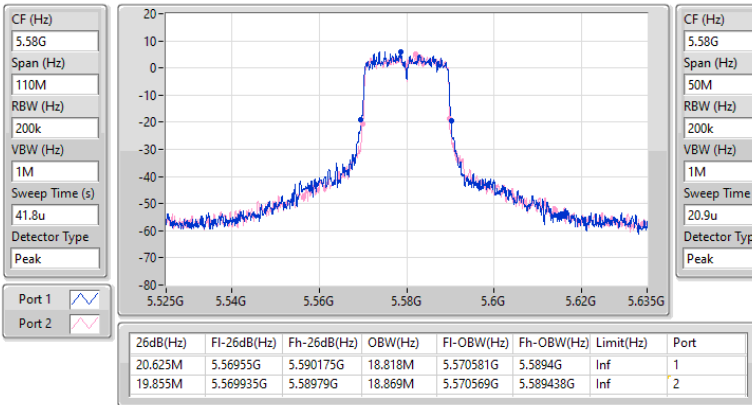


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5580MHz

15/01/2024

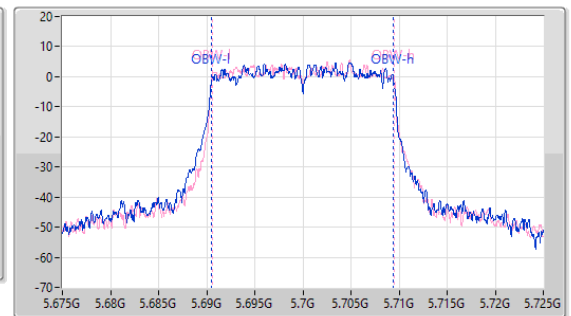
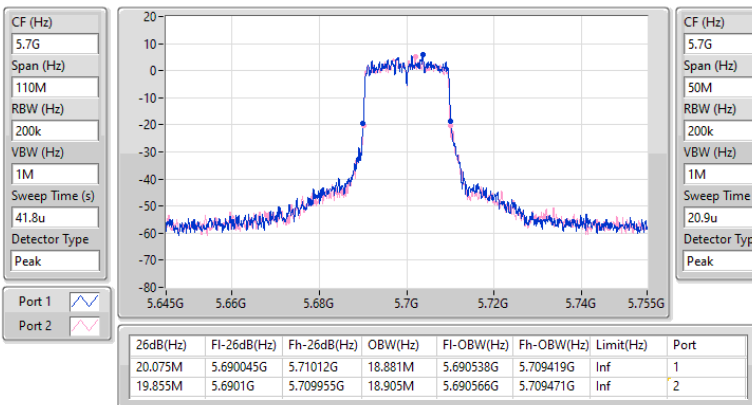


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5700MHz

15/01/2024

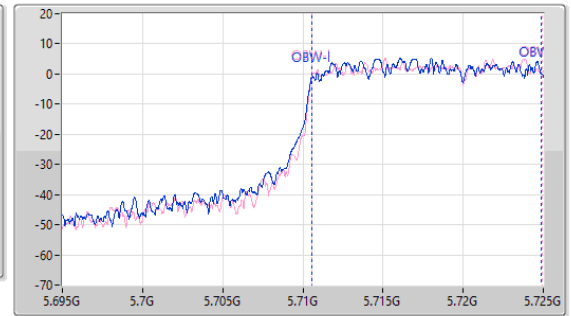
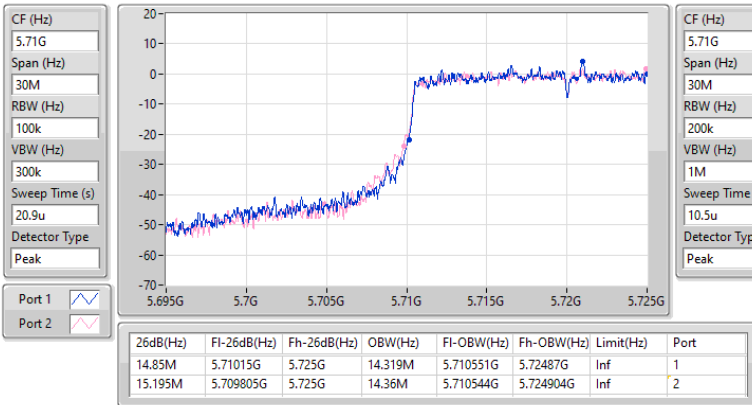


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

15/01/2024

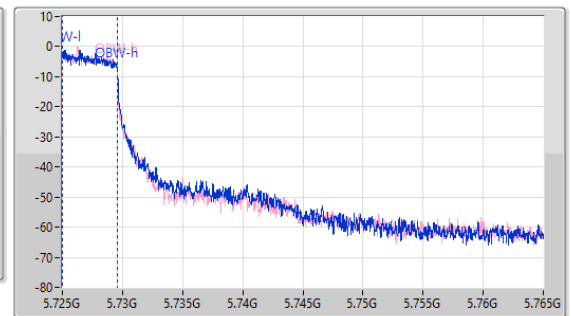
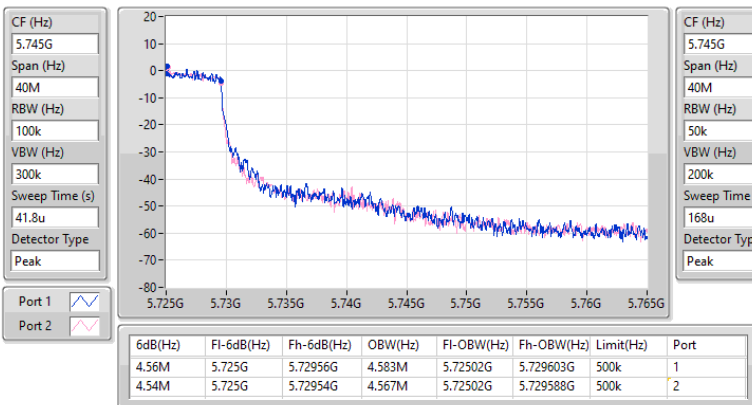


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

15/01/2024

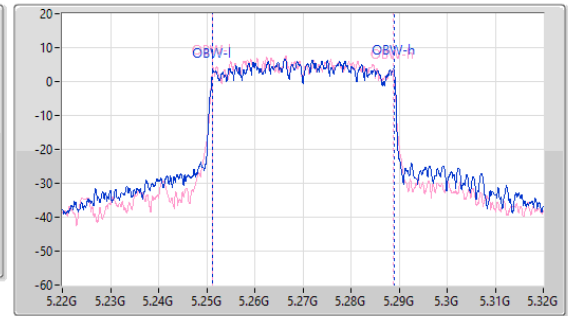
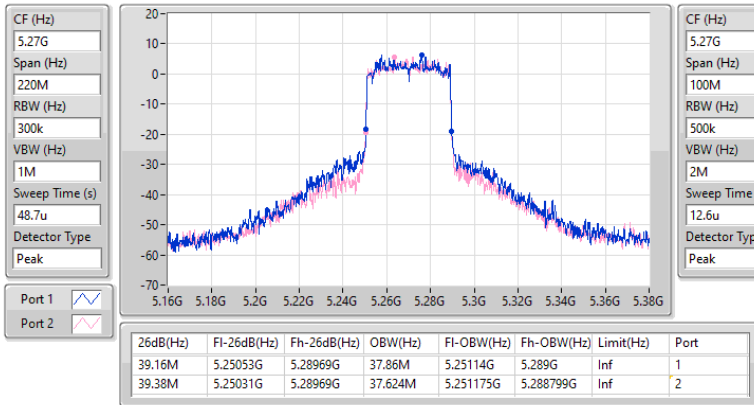


5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

5270MHz

15/01/2024

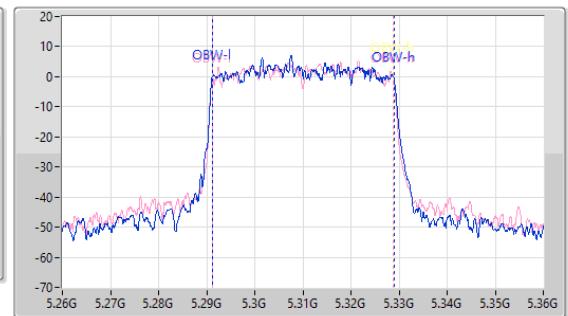
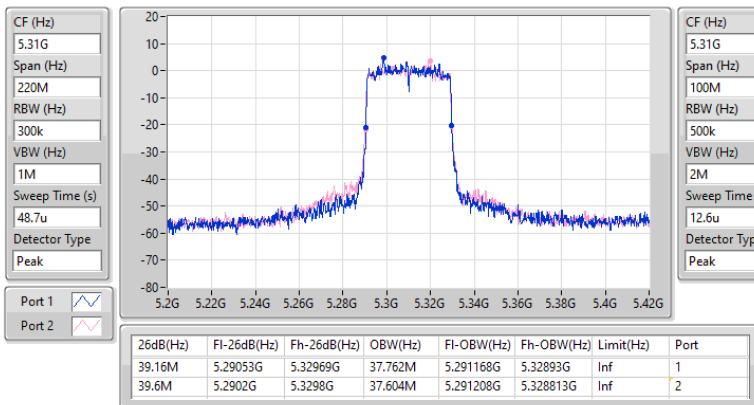


5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

5310MHz

15/01/2024

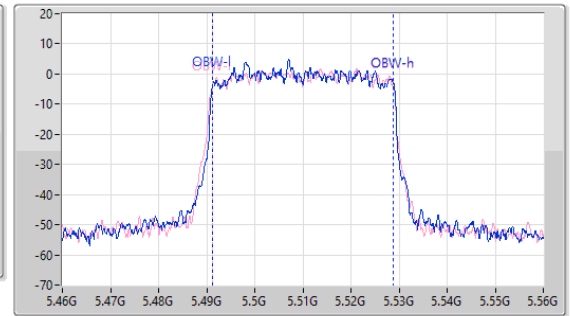
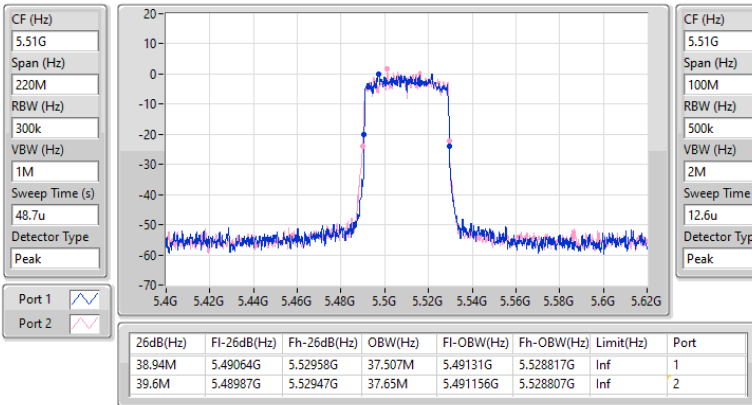


5.47-5.725GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

5510MHz

15/01/2024

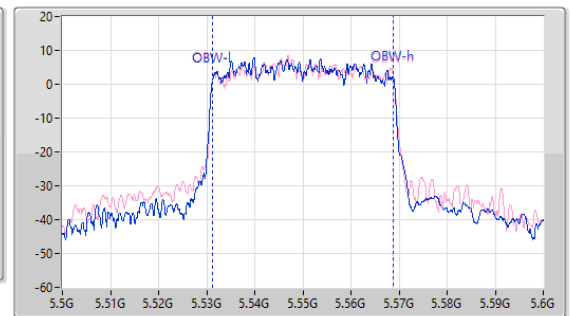
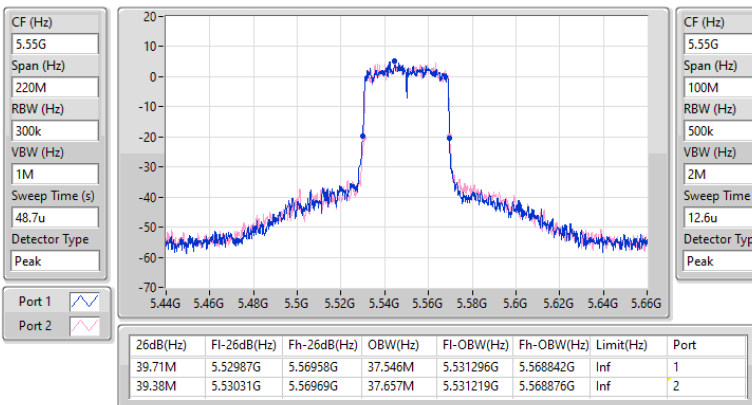


5.47-5.725GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

5550MHz

15/01/2024

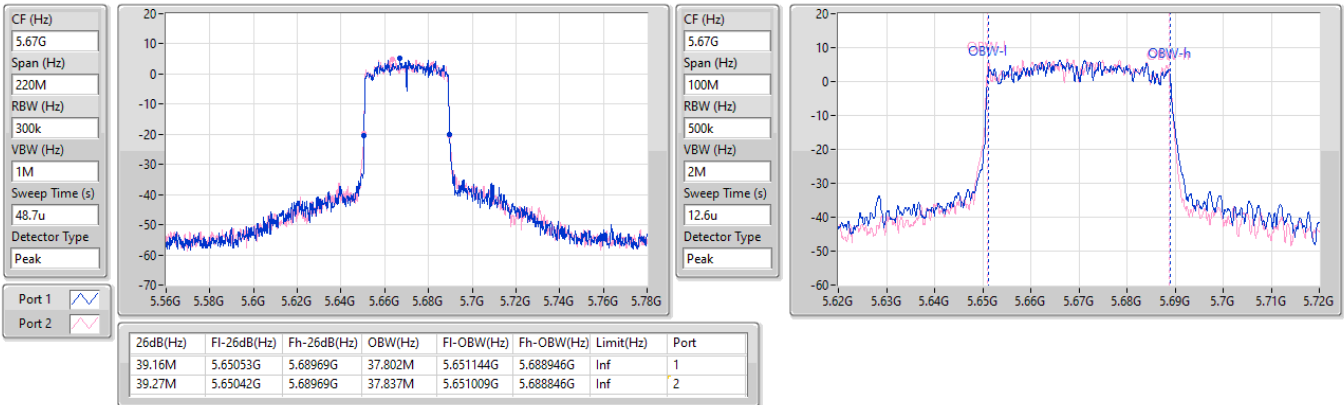


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5670MHz

15/01/2024

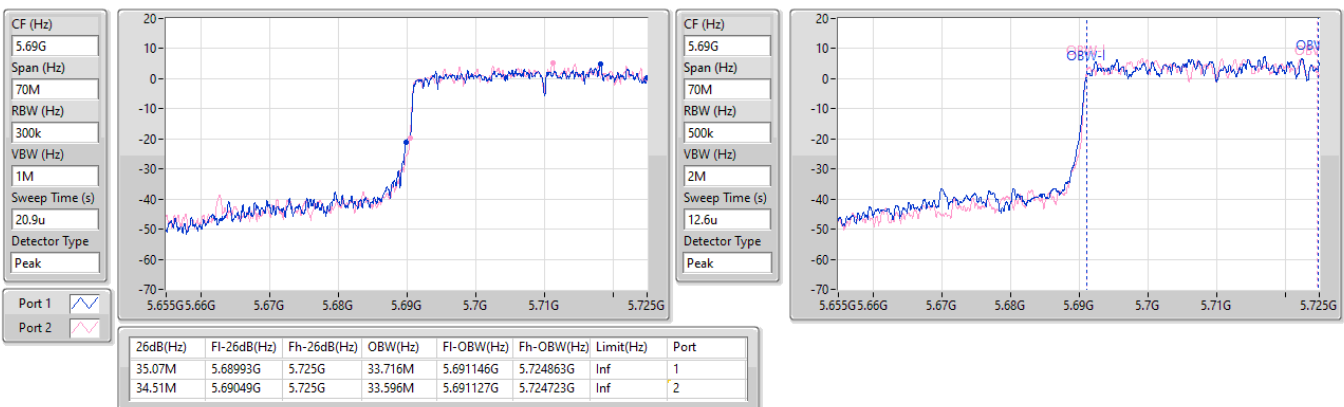


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

15/01/2024

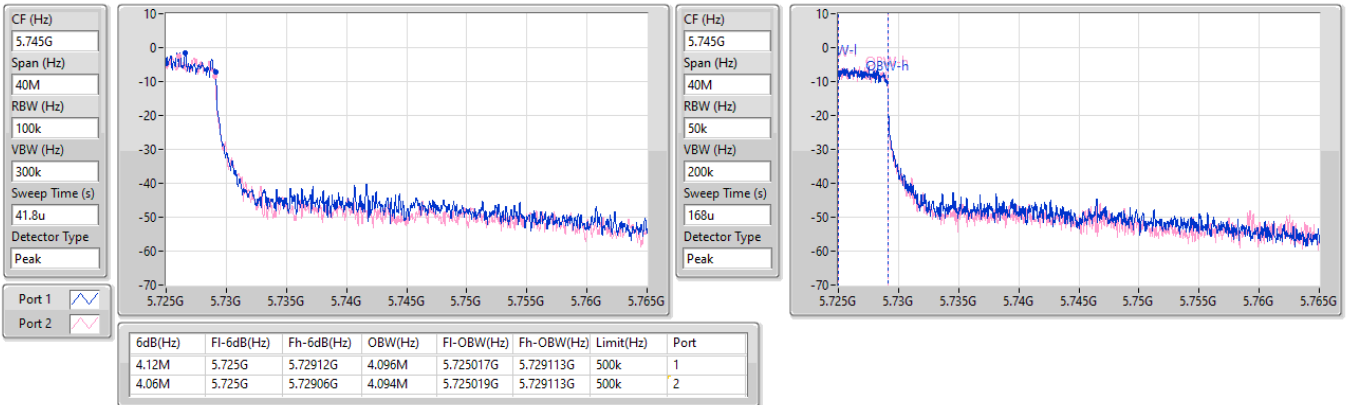


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

15/01/2024

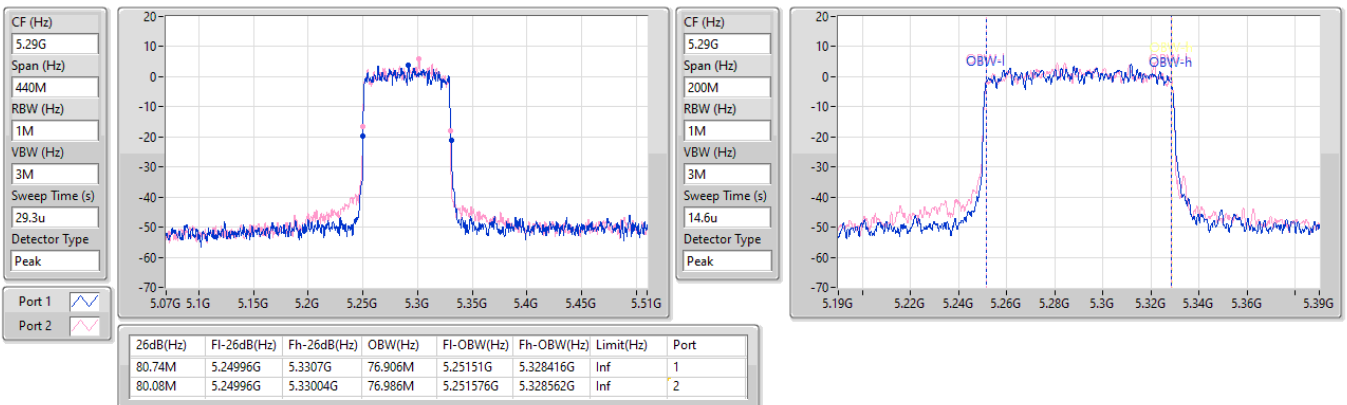


5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5290MHz

15/01/2024

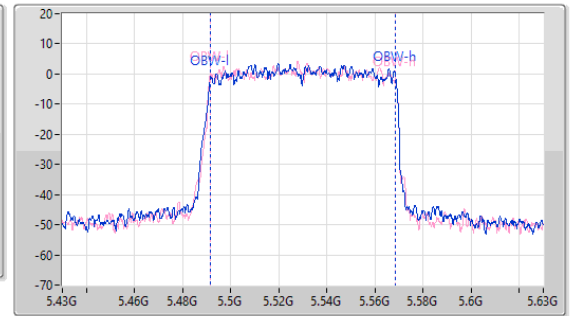
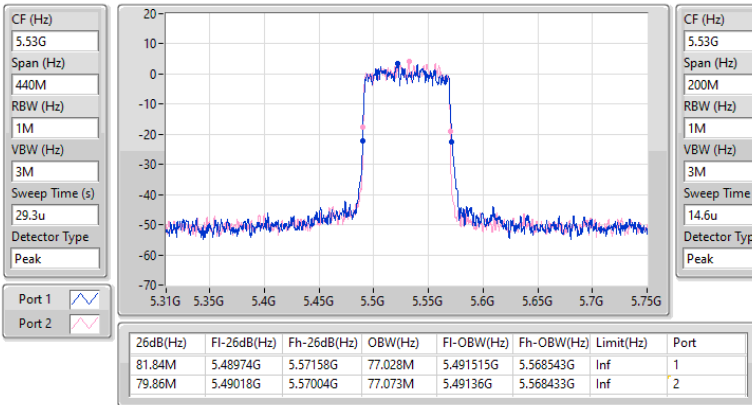


5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5530MHz

15/01/2024

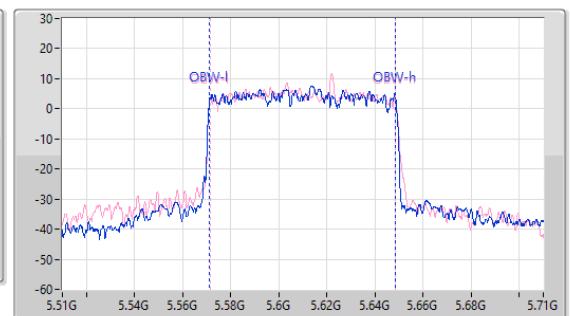
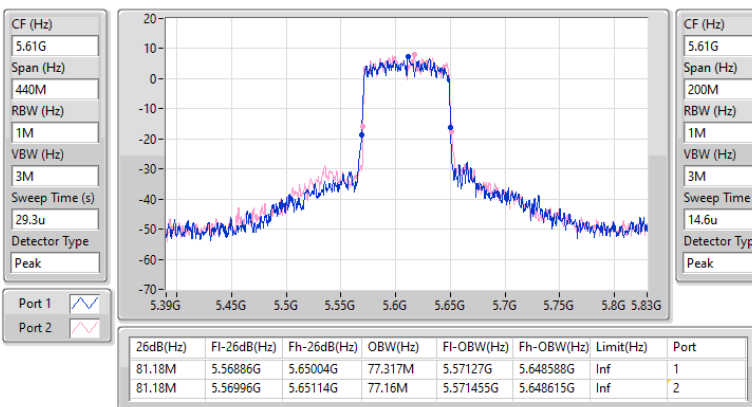


5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5610MHz

16/01/2024

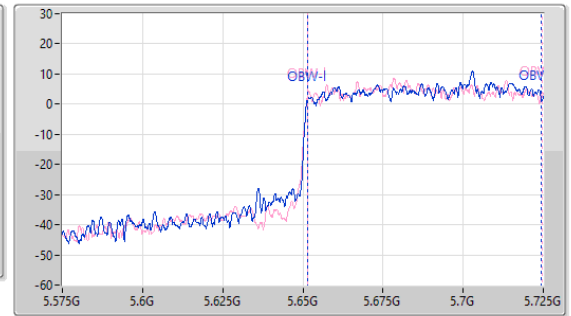
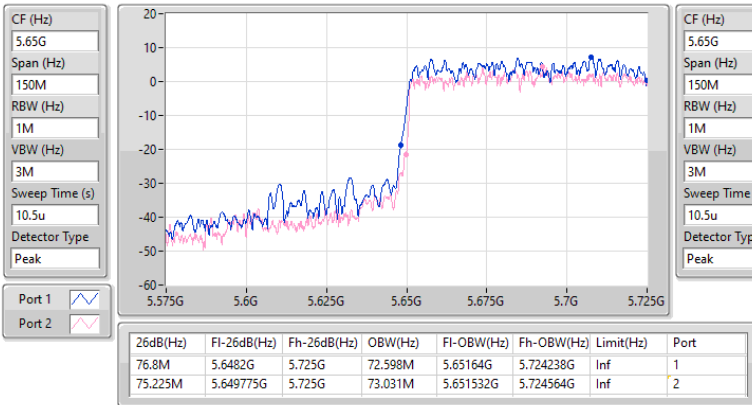


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EBW

5690MHz Straddle 5.47-5.725GHz

15/01/2024

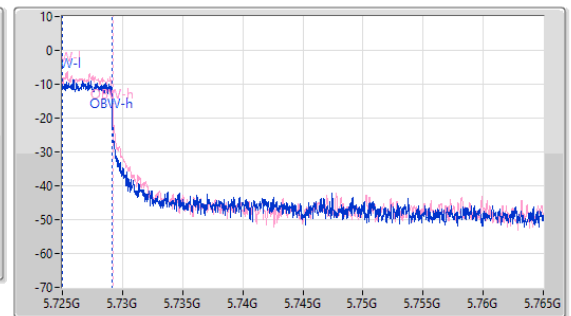
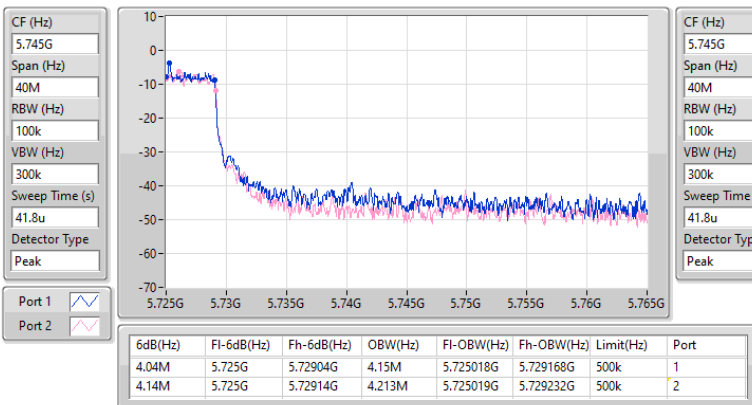


5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

15/01/2024

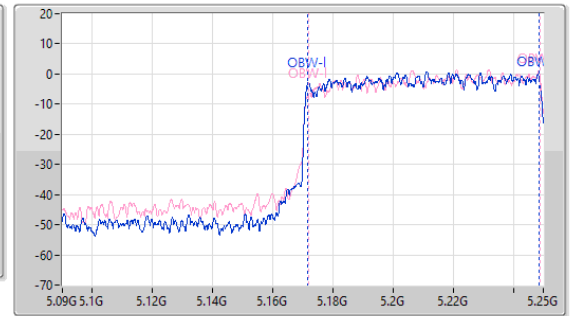
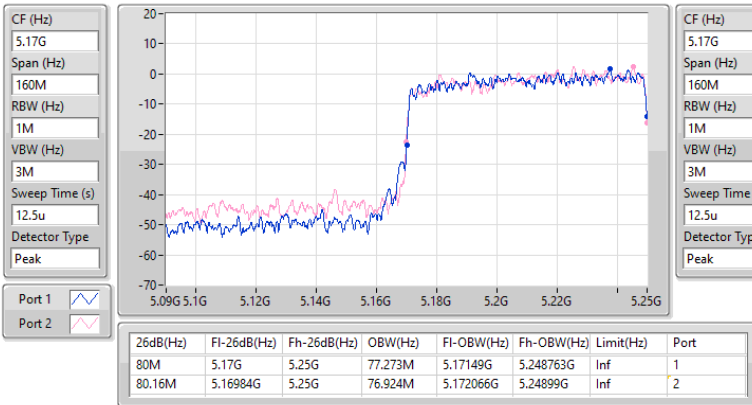


5.15-5.25GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

15/01/2024

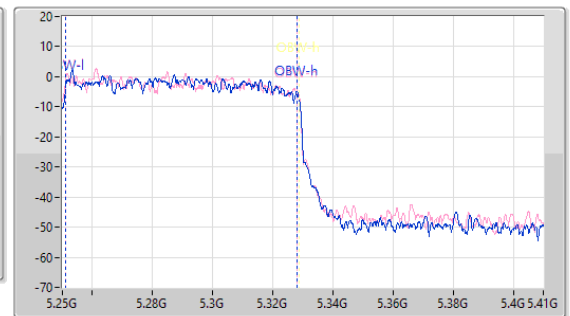
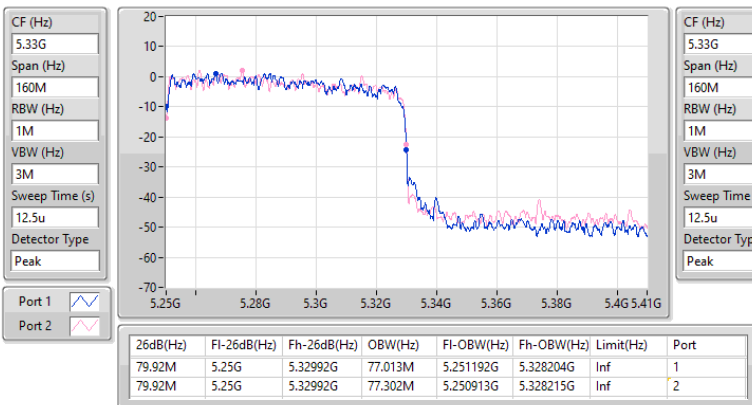


5.25-5.35GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

15/01/2024

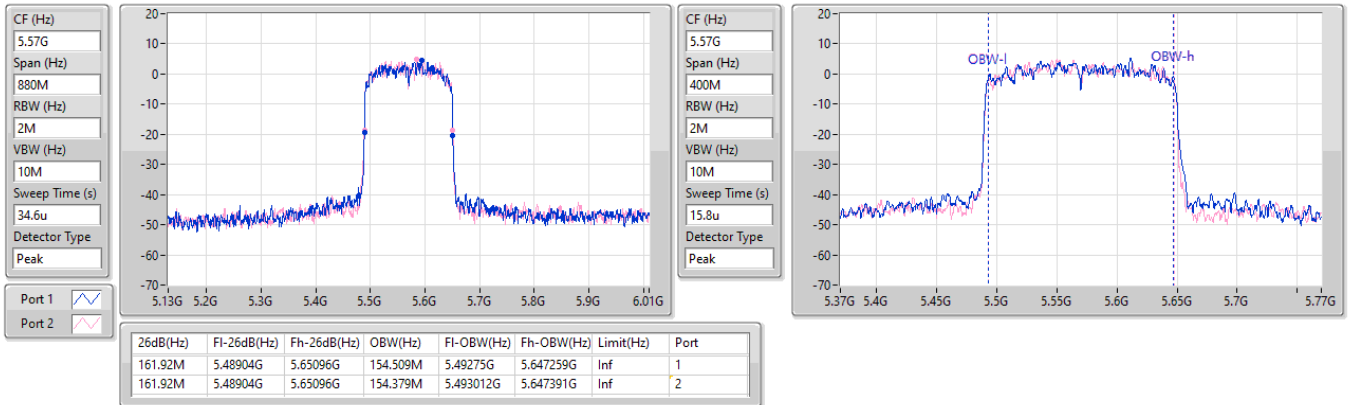


5.47-5.725GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

5570MHz

15/01/2024



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	22.88M	16.822M	16M8D1D	21.01M	16.602M
802.11be EHT20_Nss1,(MCS0)_4TX	22.825M	19.19M	19M2D1D	20.68M	18.966M
802.11be EHT40_Nss1,(MCS0)_4TX	41.91M	37.931M	37M9D1D	40.04M	37.731M
802.11be EHT80_Nss1,(MCS0)_4TX	84.7M	77.961M	78M0D1D	81.84M	77.261M
802.11be EHT160_Nss1,(MCS0)_4TX	81.2M	77.561M	77M6D1D	79.92M	77.481M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	22.11M	16.888M	16M9D1D	20.79M	16.514M
802.11be EHT20_Nss1,(MCS0)_4TX	22.66M	19.215M	19M2D1D	21.12M	18.966M
802.11be EHT40_Nss1,(MCS0)_4TX	42.68M	37.931M	37M9D1D	40.48M	37.831M
802.11be EHT80_Nss1,(MCS0)_4TX	88M	77.561M	77M6D1D	83.82M	77.461M
802.11be EHT160_Nss1,(MCS0)_4TX	81.44M	77.561M	77M6D1D	79.6M	77.401M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	22.165M	16.91M	16M9D1D	15.675M	13.238M
802.11be EHT20_Nss1,(MCS0)_4TX	22.825M	19.065M	19M1D1D	15.84M	14.438M
802.11be EHT40_Nss1,(MCS0)_4TX	43.01M	38.081M	38M1D1D	35.455M	33.723M
802.11be EHT80_Nss1,(MCS0)_4TX	87.12M	77.661M	77M7D1D	76.65M	73.238M
802.11be EHT160_Nss1,(MCS0)_4TX	161.04M	156.922M	157MD1D	160.16M	156.522M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.555M	16.866M	16M9D1D	3.28M	4.138M
802.11be EHT20_Nss1,(MCS0)_4TX	19.195M	19.14M	19M1D1D	4.54M	4.598M
802.11be EHT40_Nss1,(MCS0)_4TX	38.28M	38.031M	38M0D1D	4.08M	4.218M
802.11be EHT80_Nss1,(MCS0)_4TX	78.1M	77.561M	77M6D1D	4.12M	5.237M

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	22.33M	16.734M	21.45M	16.712M	21.615M	16.646M	21.505M	16.822M
5200MHz	Pass	Inf	21.78M	16.712M	21.945M	16.646M	21.065M	16.602M	21.23M	16.646M
5240MHz	Pass	Inf	22.165M	16.646M	22.88M	16.712M	21.01M	16.668M	21.725M	16.624M
5260MHz	Pass	Inf	21.56M	16.712M	22.11M	16.69M	21.45M	16.646M	21.01M	16.602M
5300MHz	Pass	Inf	21.34M	16.888M	22M	16.58M	21.56M	16.624M	21.505M	16.514M
5320MHz	Pass	Inf	21.23M	16.866M	20.79M	16.844M	21.395M	16.602M	21.12M	16.646M
5500MHz	Pass	Inf	21.835M	16.712M	21.395M	16.602M	21.725M	16.91M	21.23M	16.822M
5580MHz	Pass	Inf	21.78M	16.69M	22.165M	16.69M	21.12M	16.756M	21.835M	16.668M
5700MHz	Pass	Inf	21.835M	16.558M	21.34M	16.47M	21.67M	16.668M	22.055M	16.58M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.005M	13.238M	15.675M	13.298M	15.96M	13.268M	16.035M	13.448M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.28M	4.258M	3.28M	4.218M	3.28M	4.138M	3.28M	4.218M
5745MHz	Pass	500k	16.335M	16.69M	16.39M	16.668M	16.445M	16.646M	16.555M	16.646M
5785MHz	Pass	500k	16.5M	16.558M	16.39M	16.58M	16.5M	16.58M	16.445M	16.866M
5825MHz	Pass	500k	16.335M	16.734M	16.445M	16.712M	16.5M	16.778M	16.445M	16.58M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	20.68M	18.966M	21.615M	19.115M	21.615M	19.19M	21.175M	19.065M
5200MHz	Pass	Inf	20.79M	18.991M	21.89M	18.991M	21.56M	19.09M	22.825M	19.065M
5240MHz	Pass	Inf	22.055M	18.966M	21.56M	19.19M	21.175M	19.015M	22.11M	19.19M
5260MHz	Pass	Inf	21.56M	19.015M	21.34M	19.015M	21.12M	19.04M	21.67M	19.215M
5300MHz	Pass	Inf	21.505M	19.165M	21.175M	19.065M	21.34M	18.991M	21.395M	18.966M
5320MHz	Pass	Inf	22.66M	19.015M	21.12M	19.065M	21.835M	19.19M	21.89M	19.04M
5500MHz	Pass	Inf	22.44M	18.941M	21.01M	18.991M	21.395M	18.991M	21.835M	18.991M
5580MHz	Pass	Inf	21.01M	18.966M	21.395M	19.015M	21.945M	18.991M	21.175M	19.015M
5700MHz	Pass	Inf	22.825M	18.991M	22.33M	19.065M	21.725M	18.991M	22.055M	19.065M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.93M	14.438M	16.395M	14.438M	15.84M	14.468M	16.11M	14.528M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.56M	4.618M	4.54M	4.598M	4.58M	4.618M	4.56M	4.598M
5745MHz	Pass	500k	18.7M	19.115M	19.085M	19.015M	19.085M	19.015M	19.03M	18.966M
5785MHz	Pass	500k	19.14M	19.14M	19.085M	19.015M	19.14M	18.991M	19.14M	19.015M
5825MHz	Pass	500k	19.14M	18.941M	19.085M	19.115M	19.195M	18.991M	19.14M	19.015M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	41.36M	37.931M	40.37M	37.731M	40.92M	37.881M	40.04M	37.781M
5230MHz	Pass	Inf	41.36M	37.881M	41.91M	37.881M	41.69M	37.881M	40.48M	37.881M
5270MHz	Pass	Inf	42.68M	37.881M	40.48M	37.931M	42.02M	37.931M	41.91M	37.931M
5310MHz	Pass	Inf	42.13M	37.931M	42.24M	37.831M	41.36M	37.931M	42.57M	37.881M
5510MHz	Pass	Inf	41.91M	37.881M	41.58M	37.981M	40.59M	37.831M	43.01M	37.881M
5550MHz	Pass	Inf	41.25M	38.081M	42.02M	38.081M	42.24M	37.881M	42.24M	37.881M
5670MHz	Pass	Inf	42.46M	37.931M	41.69M	37.831M	42.57M	37.831M	42.57M	37.981M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.455M	33.863M	35.455M	33.793M	36.54M	33.758M	35.805M	33.723M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.14M	4.218M	4.12M	4.298M	4.14M	4.318M	4.08M	4.658M
5755MHz	Pass	500k	38.17M	37.881M	38.06M	37.831M	38.28M	37.881M	38.17M	37.881M
5795MHz	Pass	500k	38.06M	37.881M	38.06M	38.031M	38.17M	37.831M	38.28M	37.831M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.84M	77.961M	82.94M	77.261M	83.38M	77.461M	84.7M	77.561M
5290MHz	Pass	Inf	85.8M	77.461M	83.82M	77.561M	88M	77.561M	85.8M	77.561M
5530MHz	Pass	Inf	82.72M	77.561M	85.36M	77.661M	86.46M	77.661M	87.12M	77.561M
5610MHz	Pass	Inf	84.92M	77.661M	81.84M	77.461M	86.68M	77.661M	80.74M	77.561M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.875M	73.238M	76.95M	73.313M	76.65M	73.388M	78.225M	73.388M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.12M	5.977M	4.12M	6.597M	4.12M	5.817M	4.16M	5.237M
5775MHz	Pass	500k	78.1M	77.561M	78.1M	77.561M	78.1M	77.361M	77.88M	77.561M
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	79.92M	77.561M	81.2M	77.561M	80.4M	77.561M	80.08M	77.481M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	79.6M	77.401M	80.8M	77.561M	80M	77.561M	81.44M	77.401M
5570MHz	Pass	Inf	160.6M	156.922M	161.04M	156.722M	160.6M	156.522M	160.16M	156.522M

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

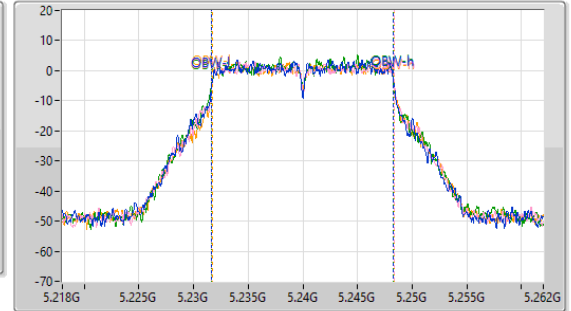
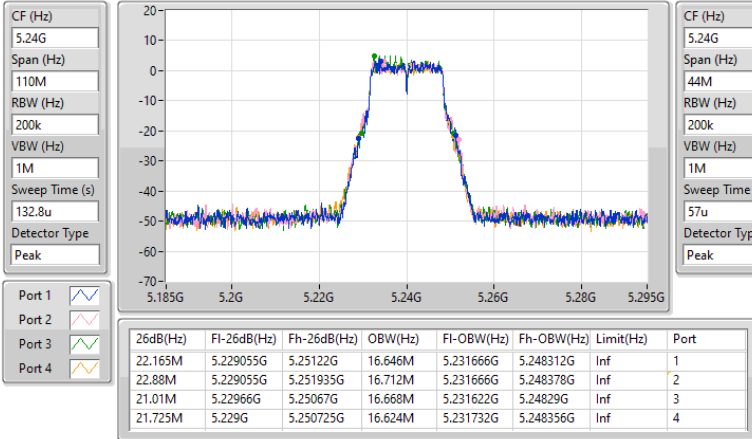
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5240MHz

05/11/2024

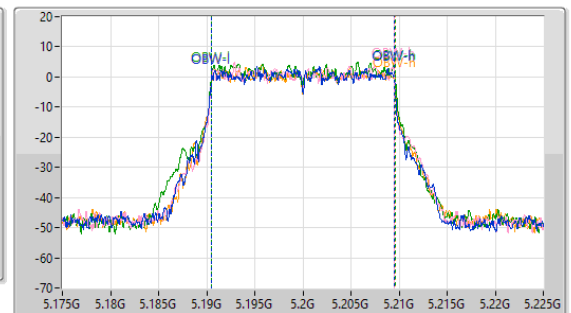
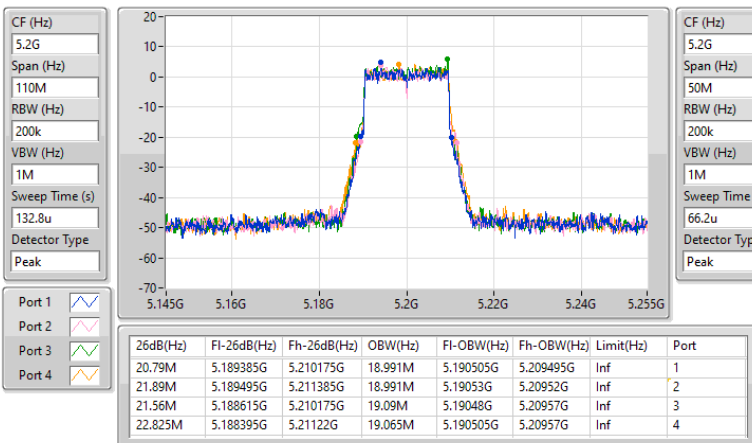


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5200MHz

05/11/2024

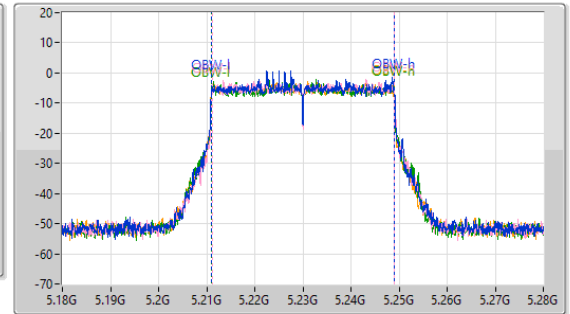
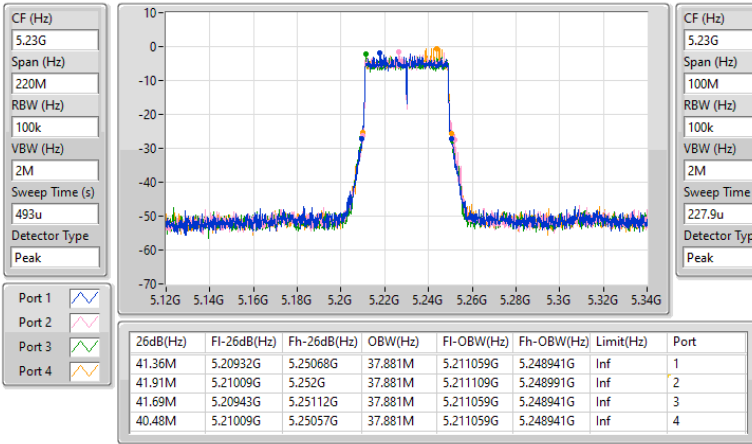


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5230MHz

05/11/2024

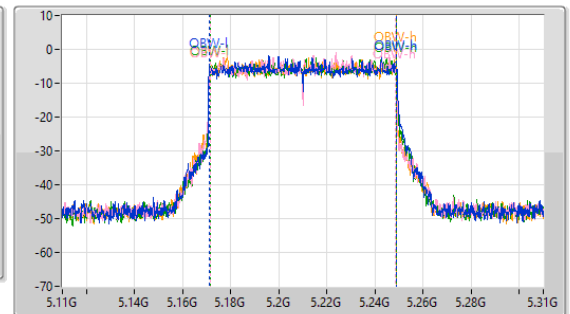
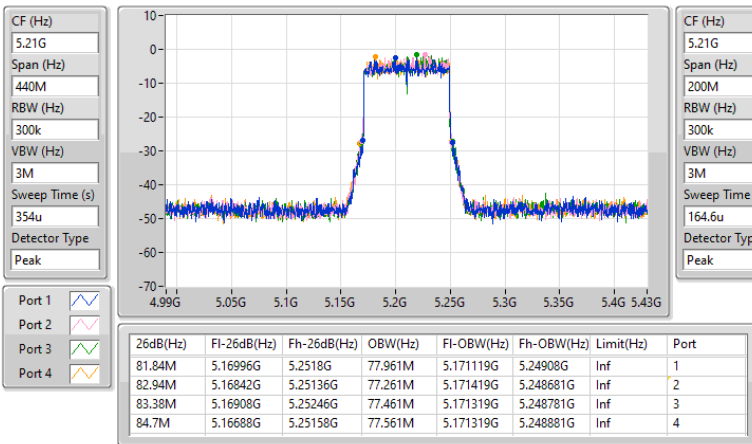


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5210MHz

05/11/2024

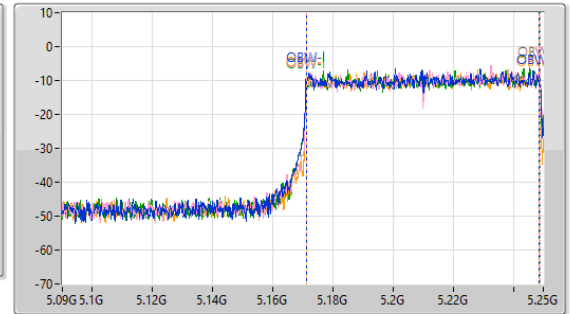
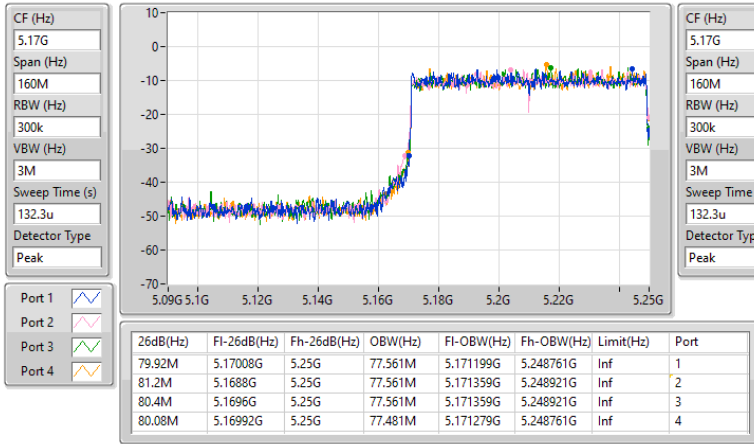


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

05/11/2024

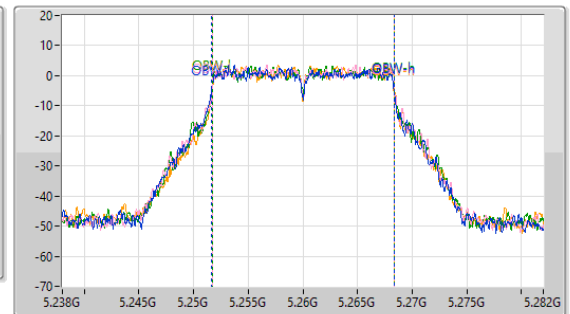
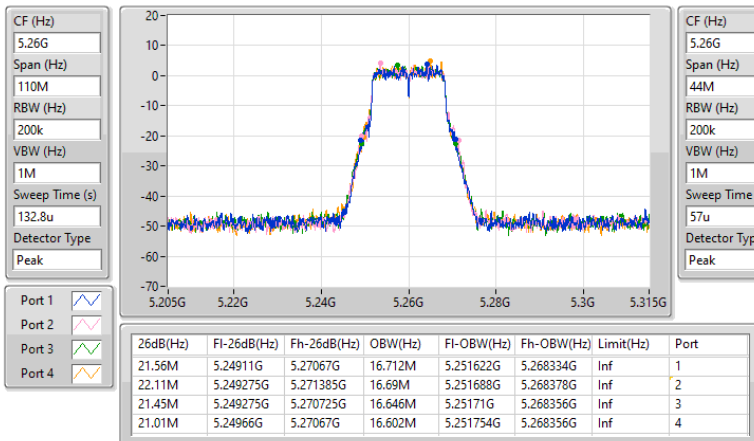


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5260MHz

05/11/2024

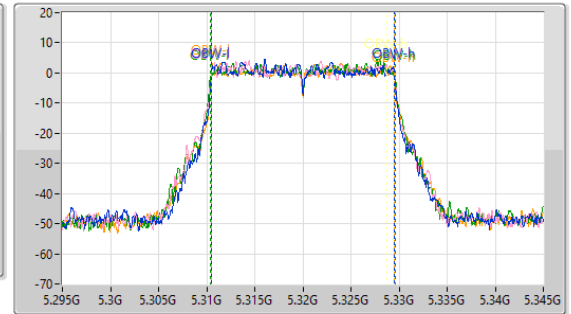
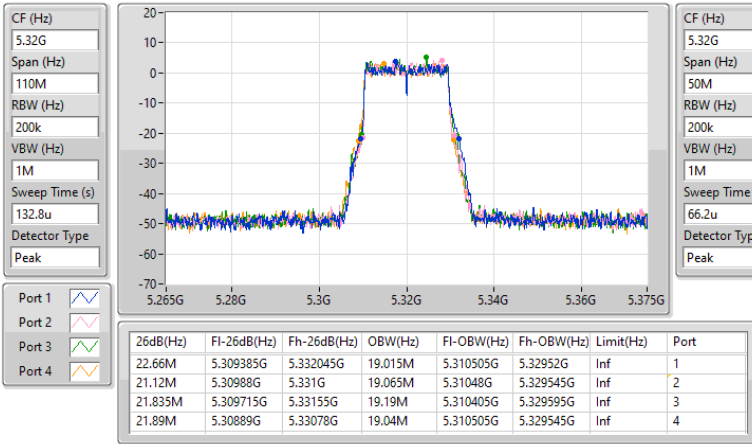


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5320MHz

05/11/2024

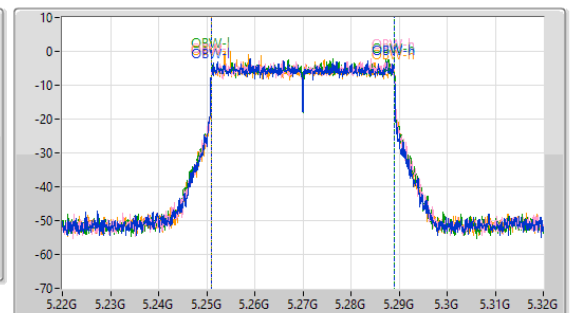
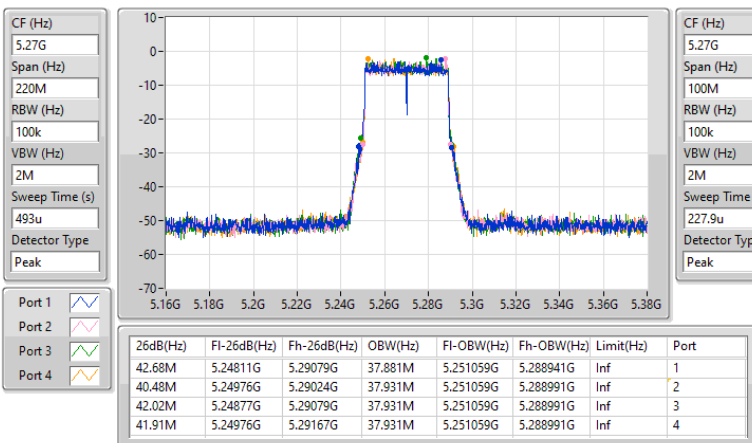


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5270MHz

05/11/2024

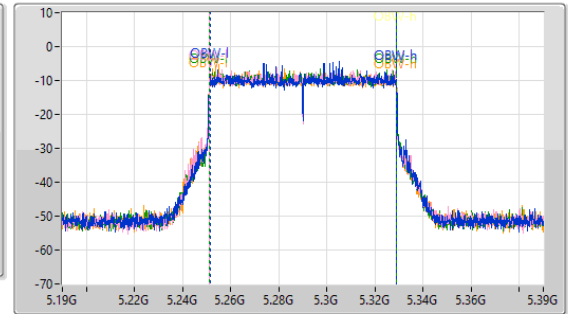
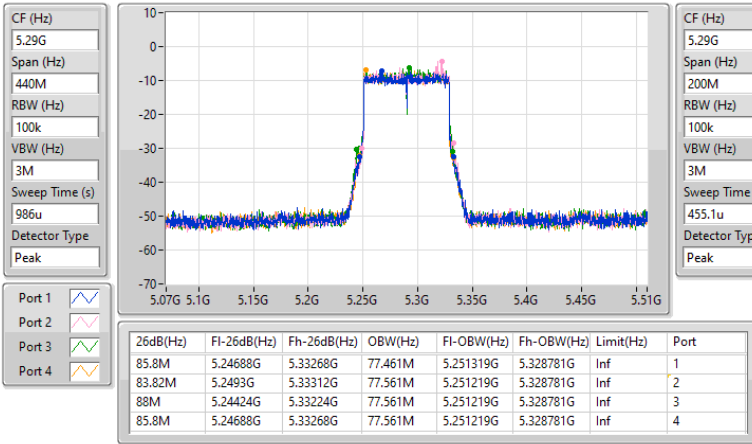


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5290MHz

05/11/2024

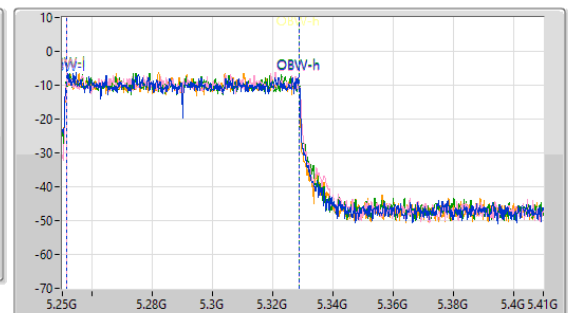
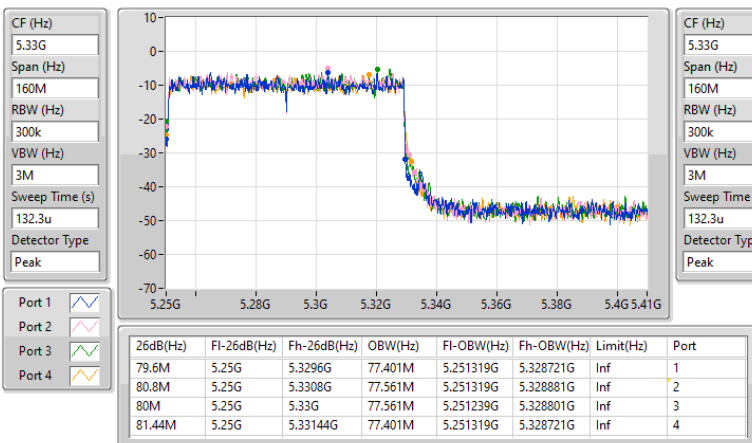


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

05/11/2024

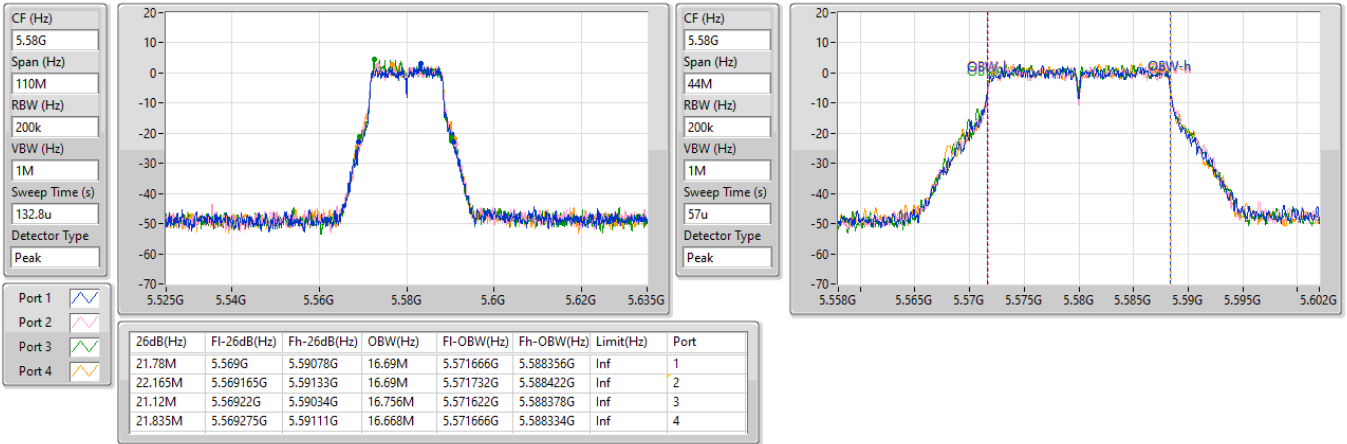


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5580MHz

05/11/2024

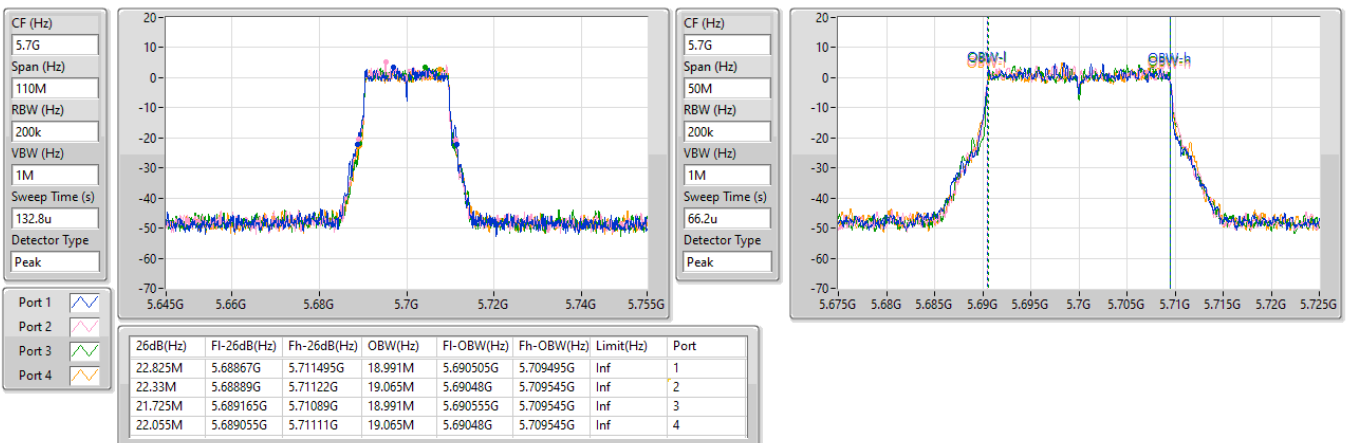


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5700MHz

05/11/2024

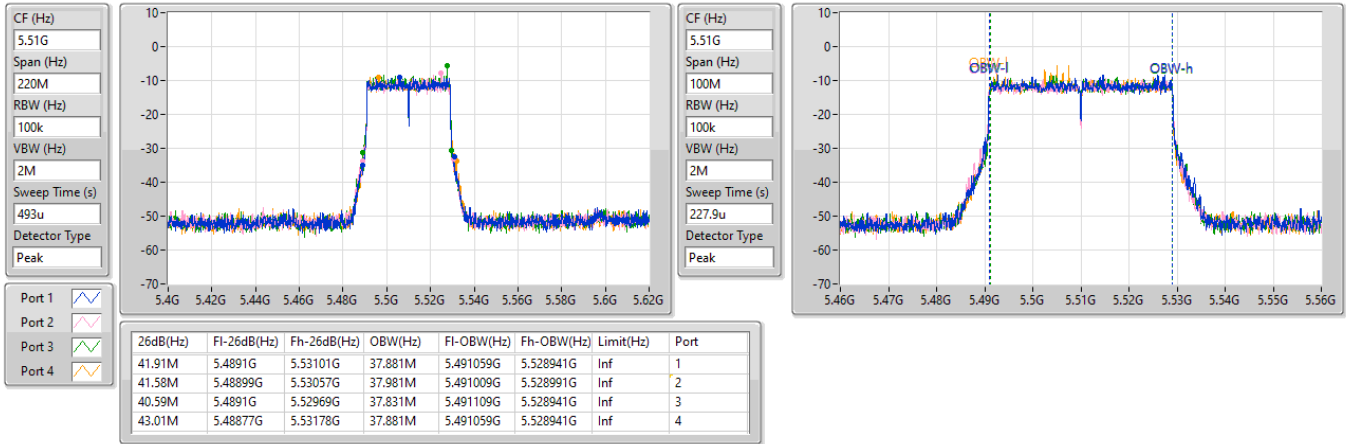


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5510MHz

05/11/2024

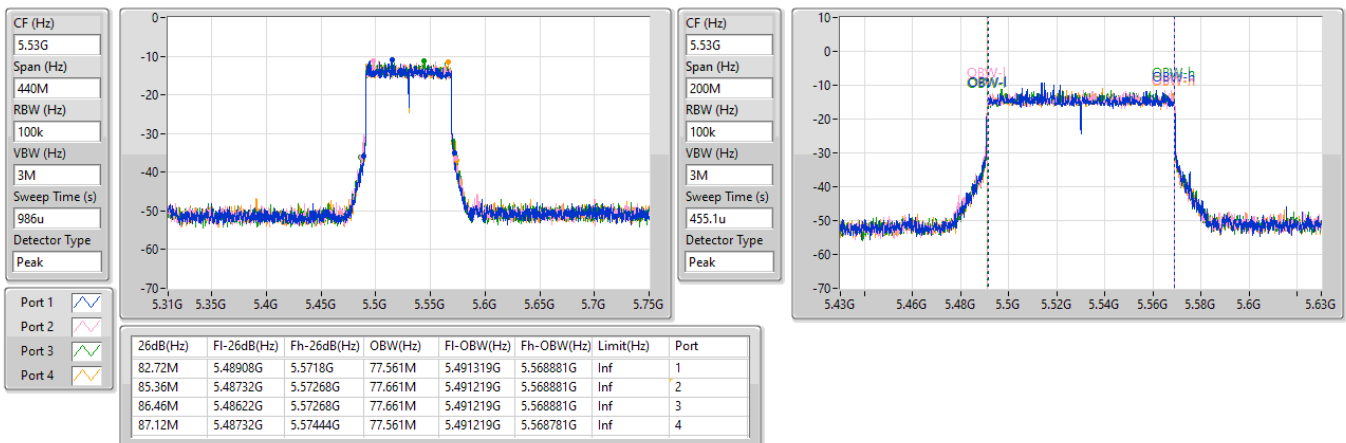


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5530MHz

05/11/2024

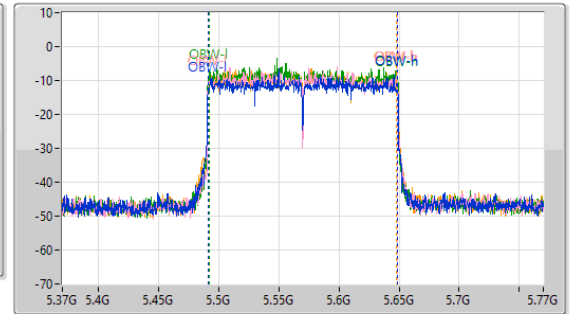
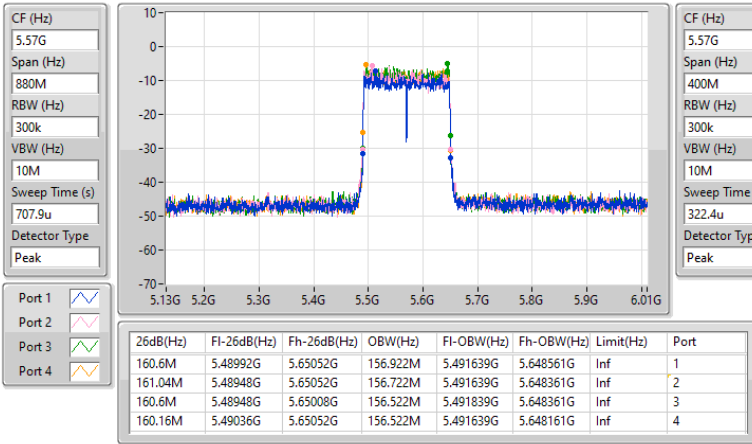


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

5570MHz

05/11/2024

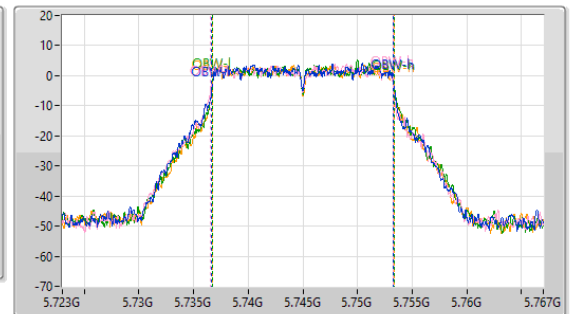
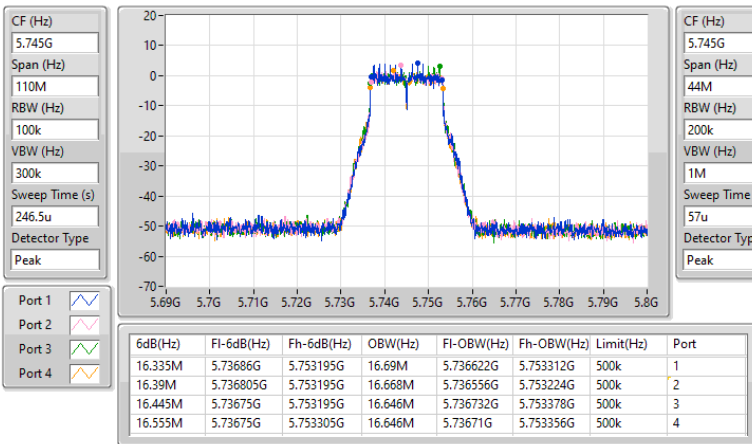


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5745MHz

05/11/2024

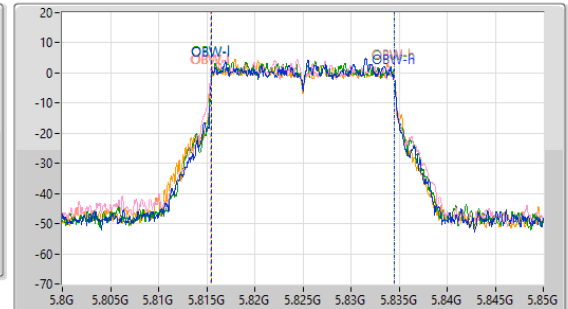
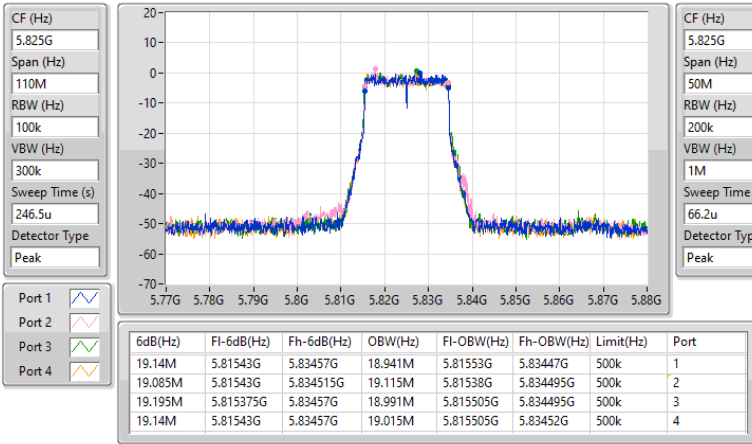


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5825MHz

05/11/2024

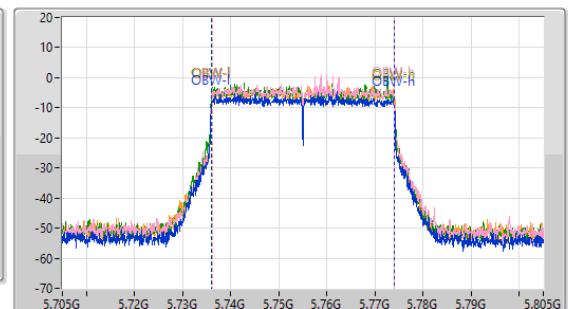
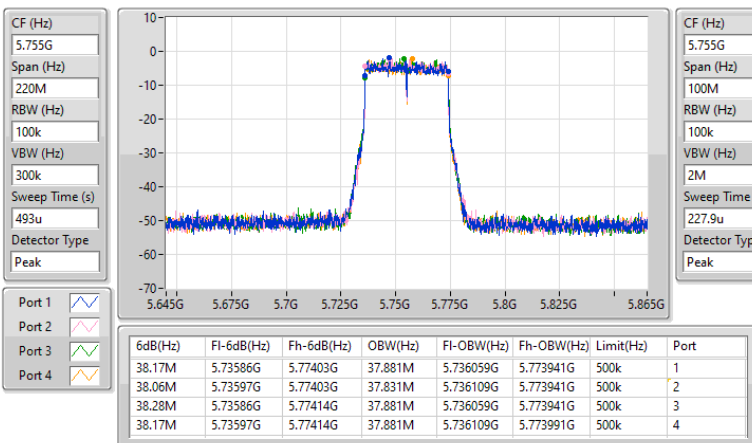


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5755MHz

05/11/2024

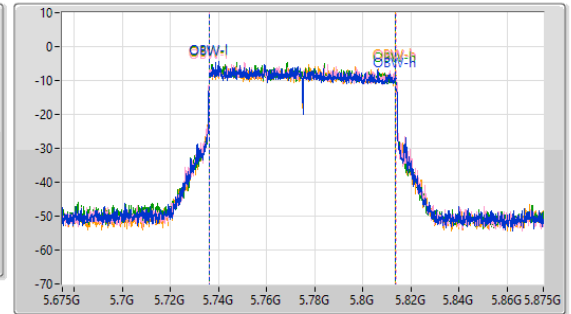
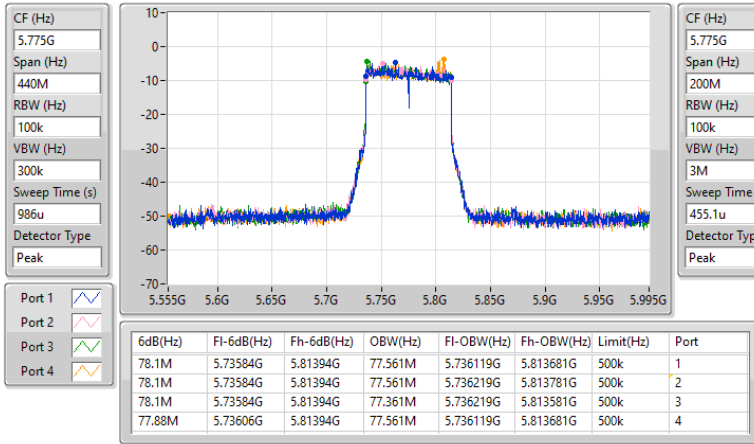


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5775MHz

05/11/2024



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.27	0.10641	26.57	0.45394
802.11ax HEW20_Nss1,(MCS0)_2TX	20.19	0.10447	26.49	0.44566
802.11ax HEW40_Nss1,(MCS0)_2TX	20.71	0.11776	27.01	0.50234
802.11ax HEW80_Nss1,(MCS0)_2TX	20.69	0.11722	26.99	0.50003
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.00	0.12589	27.30	0.53703
802.11ax HEW20_Nss1,(MCS0)_2TX	21.31	0.13521	27.61	0.57677
802.11ax HEW40_Nss1,(MCS0)_2TX	20.39	0.10940	26.69	0.46666
802.11ax HEW80_Nss1,(MCS0)_2TX	20.40	0.10965	26.70	0.46774



Average Power_Non-Beamforming_Radio 0 (Band 1 + 4)

Appendix C.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.30	17.10	17.38	20.25	23.68	26.55	30.00
5200MHz	Pass	6.30	17.12	17.39	20.27	23.68	26.57	30.00
5240MHz	Pass	6.30	17.10	17.32	20.22	23.68	26.52	30.00
5745MHz	Pass	6.30	17.56	17.89	20.74	29.70	27.04	36.00
5785MHz	Pass	6.30	17.93	18.05	21.00	29.70	27.30	36.00
5825MHz	Pass	6.30	17.85	17.98	20.93	29.70	27.23	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.30	16.81	17.34	20.09	23.68	26.39	30.00
5200MHz	Pass	6.30	16.92	17.42	20.19	23.68	26.49	30.00
5240MHz	Pass	6.30	16.88	17.29	20.10	23.68	26.40	30.00
5745MHz	Pass	6.30	18.03	18.32	21.19	29.70	27.49	36.00
5785MHz	Pass	6.30	18.17	18.42	21.31	29.70	27.61	36.00
5825MHz	Pass	6.30	18.07	18.10	21.10	29.70	27.40	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.30	13.92	14.29	17.12	23.68	23.42	30.00
5230MHz	Pass	6.30	17.53	17.87	20.71	23.68	27.01	30.00
5755MHz	Pass	6.30	17.26	17.50	20.39	29.70	26.69	36.00
5795MHz	Pass	6.30	17.33	17.32	20.34	29.70	26.64	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.30	17.50	17.85	20.69	23.68	26.99	30.00
5775MHz	Pass	6.30	17.29	17.48	20.40	29.70	26.70	36.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_2TX	14.20	0.02630	20.50	0.11220
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.51	0.11246	26.81	0.47973
802.11ax HEW20_Nss1,(MCS0)_2TX	20.17	0.10399	26.47	0.44361
802.11ax HEW40_Nss1,(MCS0)_2TX	20.55	0.11350	26.85	0.48417
802.11ax HEW80_Nss1,(MCS0)_2TX	16.67	0.04645	22.97	0.19815
802.11ax HEW160_Nss1,(MCS0)_2TX	13.99	0.02506	20.29	0.10691
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.58	0.11429	26.88	0.48753
802.11ax HEW20_Nss1,(MCS0)_2TX	20.16	0.10375	26.46	0.44259
802.11ax HEW40_Nss1,(MCS0)_2TX	20.39	0.10940	26.69	0.46666
802.11ax HEW80_Nss1,(MCS0)_2TX	20.33	0.10789	26.63	0.46026
802.11ax HEW160_Nss1,(MCS0)_2TX	17.15	0.05188	23.45	0.22131
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	12.87	0.01936	19.17	0.08260
802.11ax HEW20_Nss1,(MCS0)_2TX	13.17	0.02075	19.47	0.08851
802.11ax HEW40_Nss1,(MCS0)_2TX	9.63	0.00918	15.93	0.03917
802.11ax HEW80_Nss1,(MCS0)_2TX	6.38	0.00435	12.68	0.01854

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	6.30	17.11	17.33	20.23	23.42	26.53	29.72
5300MHz	Pass	6.30	17.41	17.48	20.46	23.44	26.76	29.74
5320MHz	Pass	6.30	17.33	17.66	20.51	23.35	26.81	29.65
5500MHz	Pass	6.30	17.49	17.65	20.58	23.20	26.88	29.50
5580MHz	Pass	6.30	17.27	17.50	20.40	23.37	26.70	29.67
5700MHz	Pass	6.30	17.02	17.13	20.09	23.33	26.39	29.63
5720MHz Straddle 5.47-5.725GHz	Pass	6.30	16.14	16.37	19.27	22.20	25.57	28.50
5720MHz Straddle 5.725-5.85GHz	Pass	6.30	9.77	9.94	12.87	29.70	19.17	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	6.30	16.84	17.05	19.96	23.68	26.26	30.00
5300MHz	Pass	6.30	17.10	17.22	20.17	23.68	26.47	30.00
5320MHz	Pass	6.30	16.69	16.93	19.82	23.65	26.12	29.95
5500MHz	Pass	6.30	16.68	16.37	19.54	23.68	25.84	30.00
5580MHz	Pass	6.30	17.09	17.21	20.16	23.68	26.46	29.98
5700MHz	Pass	6.30	16.18	16.27	19.24	23.68	25.54	29.98
5720MHz Straddle 5.47-5.725GHz	Pass	6.30	15.67	15.94	18.82	22.42	25.12	28.72
5720MHz Straddle 5.725-5.85GHz	Pass	6.30	10.11	10.21	13.17	29.70	19.47	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	6.30	17.50	17.57	20.55	23.68	26.85	30.00
5310MHz	Pass	6.30	15.03	15.16	18.11	23.68	24.41	30.00
5510MHz	Pass	6.30	12.41	12.62	15.53	23.68	21.83	30.00
5550MHz	Pass	6.30	17.30	17.46	20.39	23.68	26.69	30.00
5670MHz	Pass	6.30	17.17	17.30	20.25	23.68	26.55	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	6.30	16.84	16.98	19.92	23.68	26.22	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	6.30	6.59	6.64	9.63	29.70	15.93	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	6.30	13.63	13.69	16.67	23.68	22.97	30.00
5530MHz	Pass	6.30	13.36	13.62	16.50	23.68	22.80	30.00
5610MHz	Pass	6.30	17.13	17.36	20.26	23.68	26.56	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	6.30	17.38	17.26	20.33	23.68	26.63	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	6.30	3.22	3.51	6.38	29.70	12.68	36.00
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.30	11.15	11.22	14.20	23.68	20.50	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	6.30	10.65	11.28	13.99	23.68	20.29	30.00
5570MHz	Pass	6.30	14.03	14.25	17.15	23.68	23.45	30.00

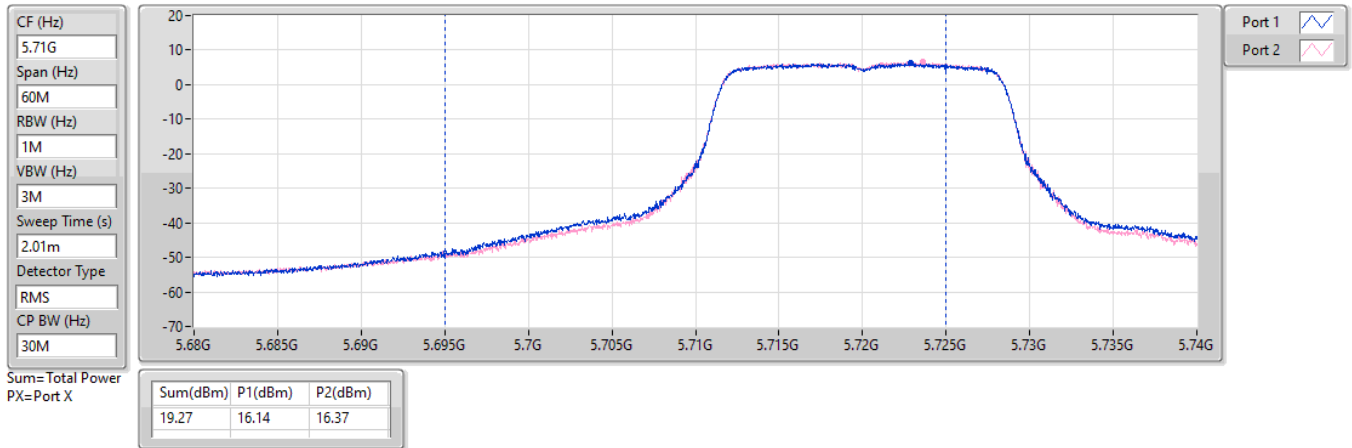
DG = Directional Gain; Port X = Port X output power

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TX

15/01/2024

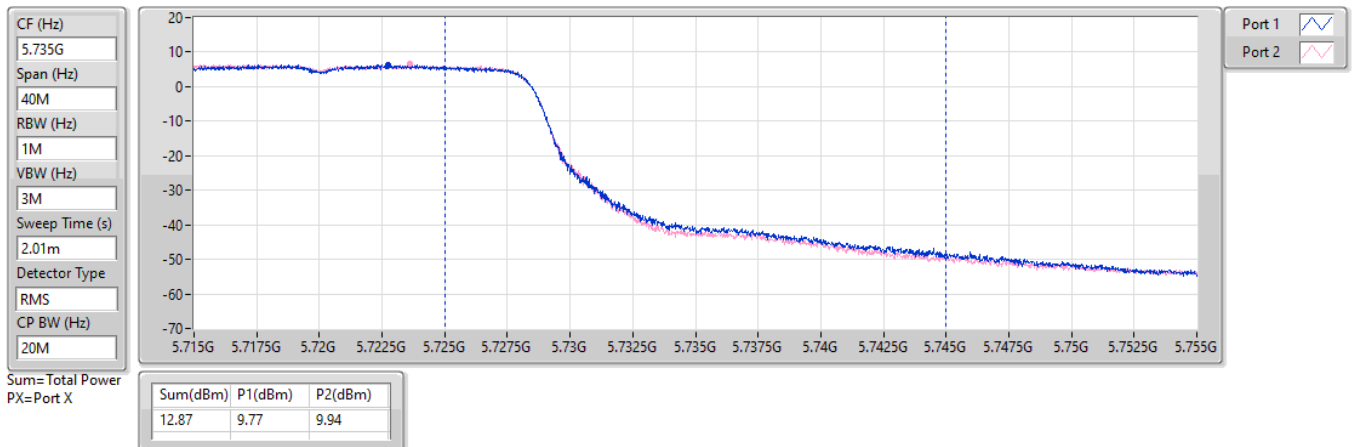


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

15/01/2024

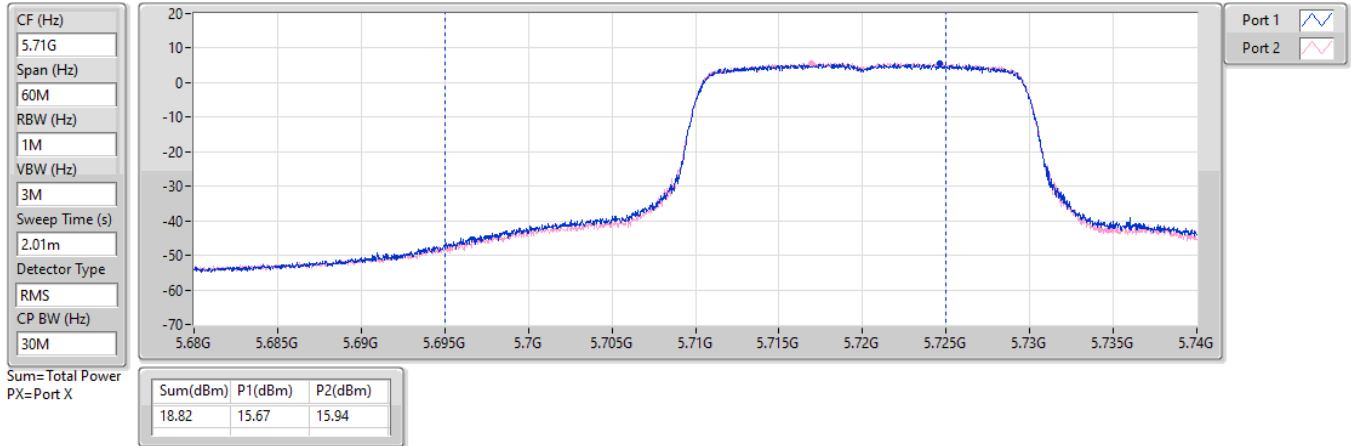


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TX

15/01/2024

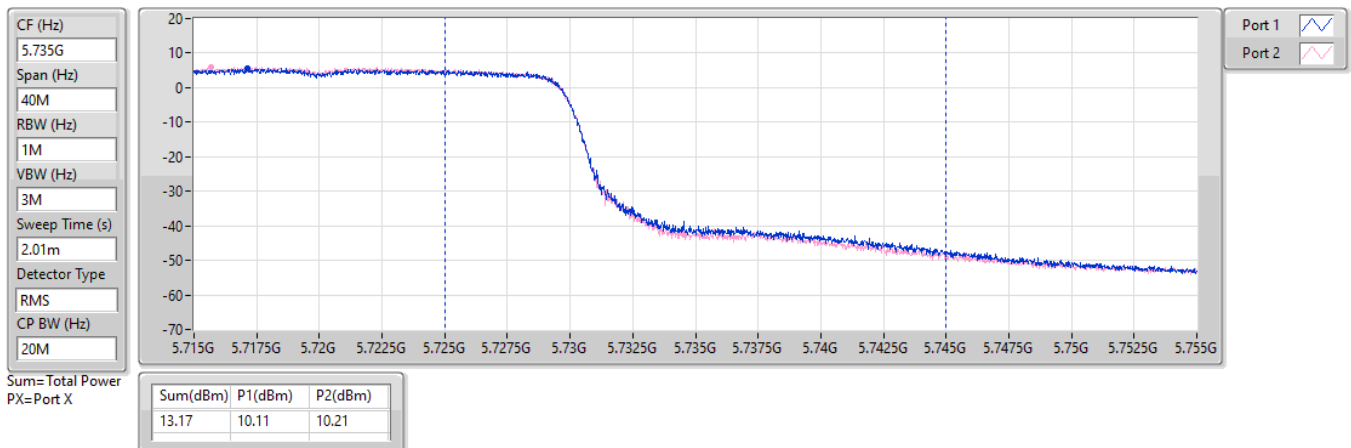


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

15/01/2024

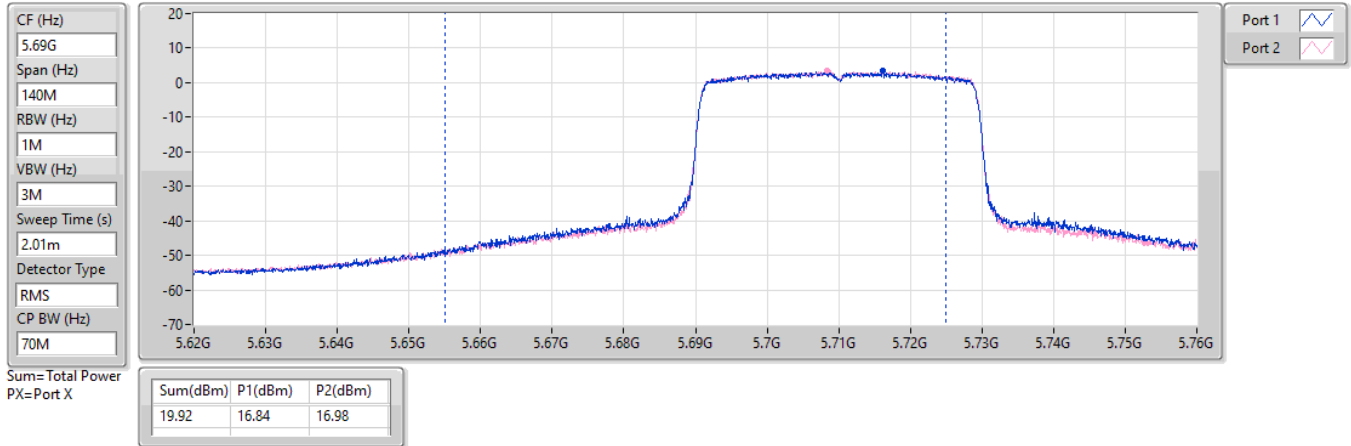


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TX

15/01/2024

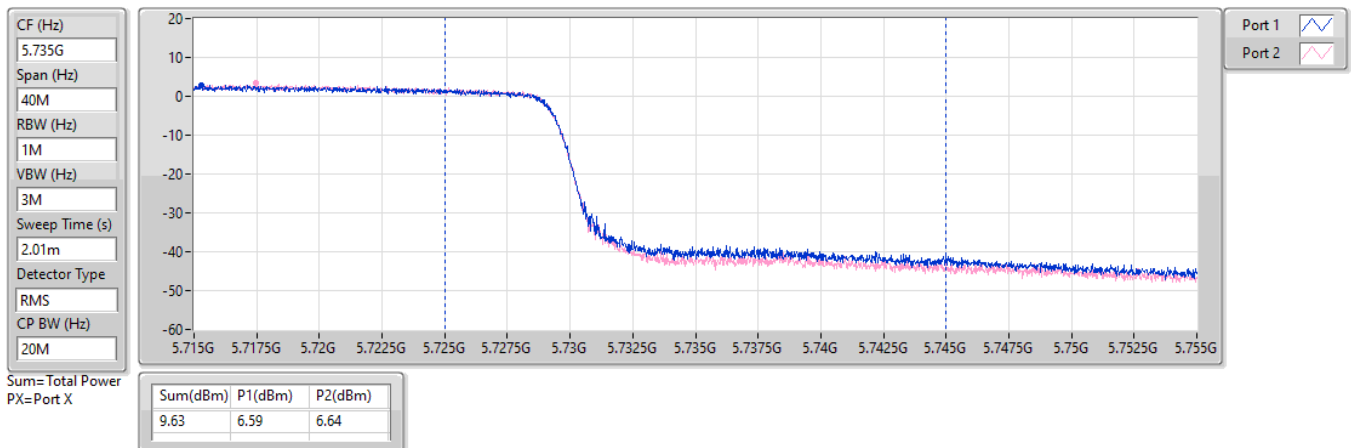


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

15/01/2024

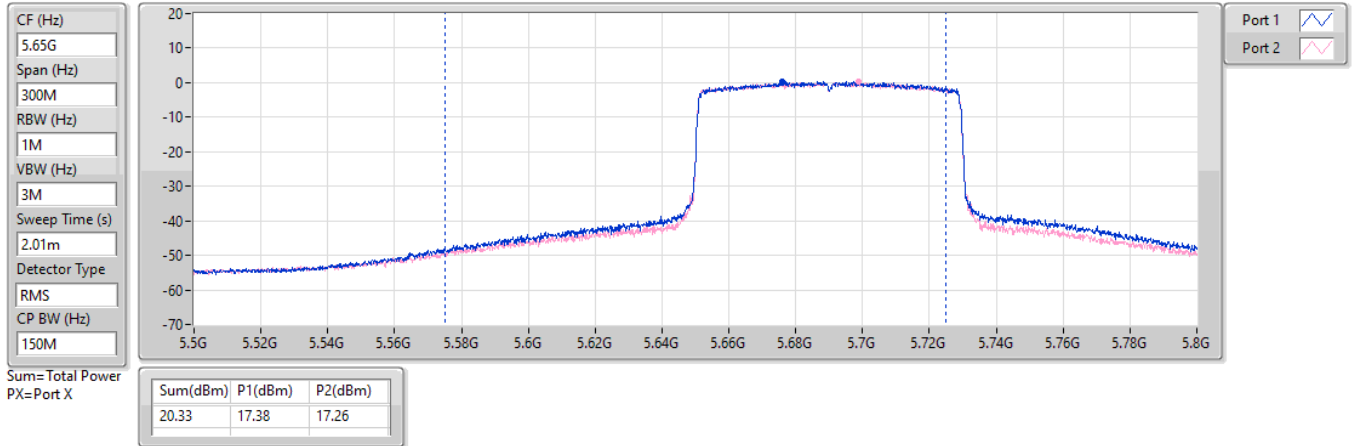


5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

15/01/2024

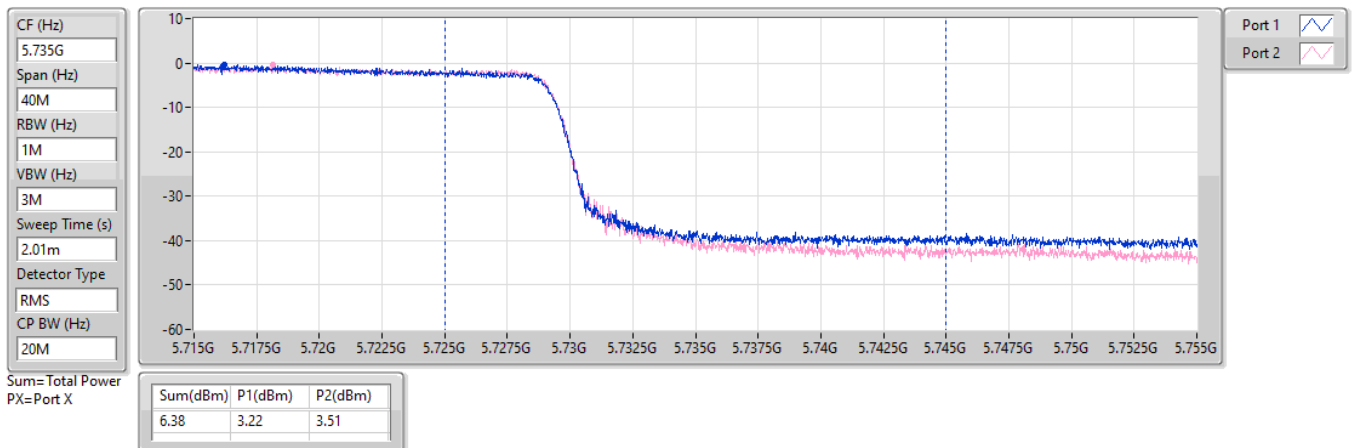


5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

15/01/2024

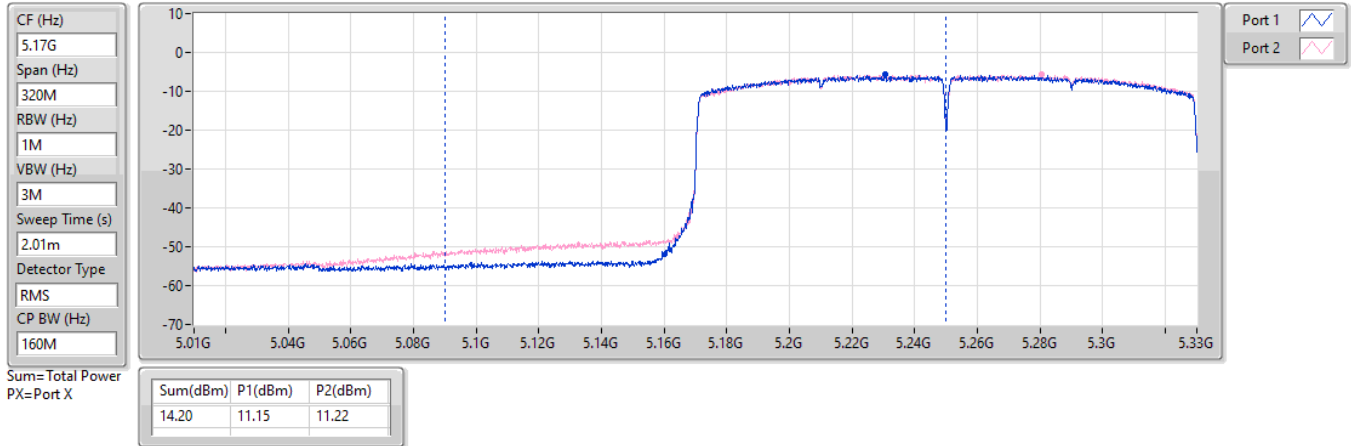


5.15-5.25GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

15/01/2024

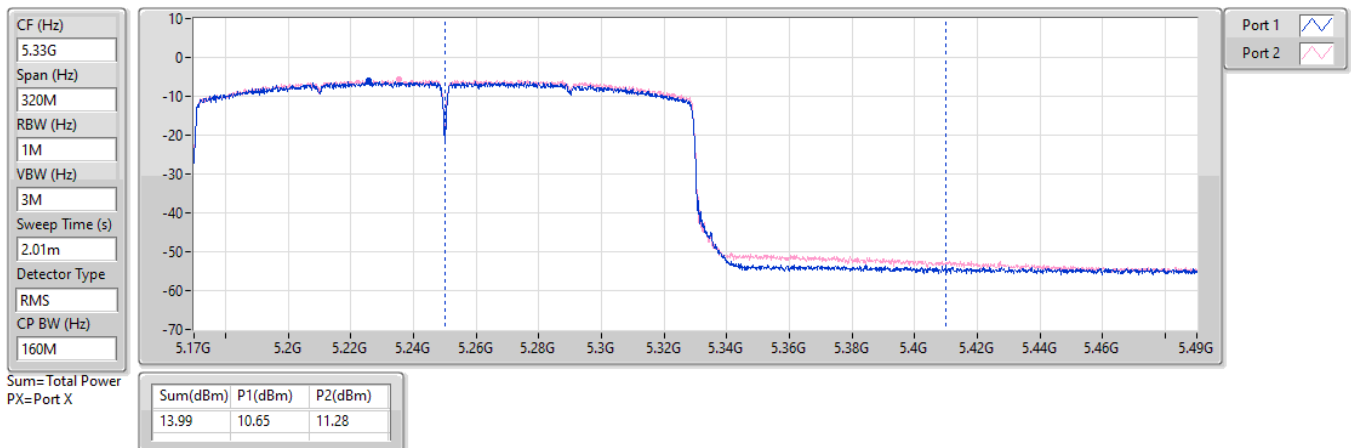


5.25-5.35GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

15/01/2024



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	21.21	0.13213
802.11be EHT20_Nss1,(MCS0)_4TX	21.36	0.13677
802.11be EHT40_Nss1,(MCS0)_4TX	21.23	0.13274
802.11be EHT80_Nss1,(MCS0)_4TX	18.56	0.07178
802.11be EHT160_Nss1,(MCS0)_4TX	14.52	0.02831
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	21.45	0.13964
802.11be EHT20_Nss1,(MCS0)_4TX	21.60	0.14454
802.11be EHT40_Nss1,(MCS0)_4TX	21.15	0.13032
802.11be EHT80_Nss1,(MCS0)_4TX	19.56	0.09036
802.11be EHT160_Nss1,(MCS0)_4TX	14.75	0.02985
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	21.13	0.12972
802.11be EHT20_Nss1,(MCS0)_4TX	21.37	0.13709
802.11be EHT40_Nss1,(MCS0)_4TX	21.27	0.13397
802.11be EHT80_Nss1,(MCS0)_4TX	20.11	0.10257
802.11be EHT160_Nss1,(MCS0)_4TX	17.14	0.05176
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	21.46	0.13996
802.11be EHT20_Nss1,(MCS0)_4TX	21.58	0.14388
802.11be EHT40_Nss1,(MCS0)_4TX	21.50	0.14125
802.11be EHT80_Nss1,(MCS0)_4TX	20.99	0.12560

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	5.14	15.14	15.02	15.50	15.06	21.20	30.00
5200MHz	Pass	5.14	14.87	14.90	15.94	14.95	21.21	30.00
5240MHz	Pass	5.14	15.07	15.29	15.27	15.03	21.19	30.00
5260MHz	Pass	4.72	14.91	15.32	15.36	15.13	21.20	23.98
5300MHz	Pass	4.72	15.24	15.59	15.69	15.19	21.45	23.98
5320MHz	Pass	4.72	15.12	15.11	15.28	14.98	21.14	23.98
5500MHz	Pass	5.25	14.88	14.93	15.30	14.97	21.04	23.98
5580MHz	Pass	5.25	14.97	14.95	15.33	15.17	21.13	23.98
5700MHz	Pass	5.25	15.09	15.19	15.25	14.68	21.08	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.25	13.30	13.37	13.66	13.25	19.42	22.95
5720MHz Straddle 5.725-5.85GHz	Pass	5.01	7.20	7.38	7.50	7.29	13.36	30.00
5745MHz	Pass	5.01	15.38	15.53	15.55	15.29	21.46	30.00
5785MHz	Pass	5.01	15.34	15.38	15.66	15.29	21.44	30.00
5825MHz	Pass	5.01	15.09	15.18	15.39	14.71	21.12	30.00
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.14	15.32	15.12	15.60	15.29	21.36	30.00
5200MHz	Pass	5.14	15.08	15.03	16.20	14.93	21.36	30.00
5240MHz	Pass	5.14	15.22	15.39	15.41	15.11	21.30	30.00
5260MHz	Pass	4.72	15.13	15.40	15.58	15.21	21.35	23.98
5300MHz	Pass	4.72	15.45	15.64	15.89	15.32	21.60	23.98
5320MHz	Pass	4.72	15.20	15.39	15.56	15.09	21.33	23.98
5500MHz	Pass	5.25	14.99	15.05	15.49	15.12	21.19	23.98
5580MHz	Pass	5.25	15.17	15.19	15.63	15.39	21.37	23.98
5700MHz	Pass	5.25	15.19	15.36	15.48	14.90	21.26	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.25	13.27	13.19	13.58	13.02	19.29	23.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.01	8.14	8.26	8.37	8.11	14.24	30.00
5745MHz	Pass	5.01	15.55	15.50	15.78	15.39	21.58	30.00
5785MHz	Pass	5.01	15.33	15.48	15.83	15.43	21.54	30.00
5825MHz	Pass	5.01	15.14	15.42	15.57	14.95	21.30	30.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.14	13.34	13.30	14.04	13.31	19.53	30.00
5230MHz	Pass	5.14	15.40	15.32	14.83	15.26	21.23	30.00
5270MHz	Pass	4.72	14.94	15.22	15.43	14.92	21.15	23.98
5310MHz	Pass	4.72	13.72	13.98	14.25	13.75	19.95	23.98
5510MHz	Pass	5.25	9.15	8.99	9.36	9.06	15.16	23.98
5550MHz	Pass	5.25	14.55	15.37	15.79	15.20	21.27	23.98
5670MHz	Pass	5.25	9.92	10.10	10.41	9.74	16.07	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.25	14.29	14.48	14.55	14.06	20.37	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.01	4.73	4.97	5.22	4.75	10.94	30.00
5755MHz	Pass	5.01	15.39	15.64	15.63	15.15	21.48	30.00
5795MHz	Pass	5.01	15.44	15.26	15.79	15.41	21.50	30.00
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.14	12.42	12.69	12.62	12.42	18.56	30.00
5290MHz	Pass	4.72	13.38	13.61	13.84	13.29	19.56	23.98
5530MHz	Pass	5.25	9.24	9.38	9.59	9.25	15.39	23.98
5610MHz	Pass	5.25	13.87	13.89	14.14	13.78	19.94	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.25	14.04	14.06	14.48	13.76	20.11	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.01	0.74	0.81	1.20	0.78	6.91	30.00
5775MHz	Pass	5.01	14.87	15.11	15.17	14.71	20.99	30.00
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.14	8.58	8.45	8.52	8.45	14.52	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.72	8.51	8.95	8.91	8.52	14.75	23.98
5570MHz	Pass	5.25	9.91	11.11	12.07	11.13	17.14	23.98

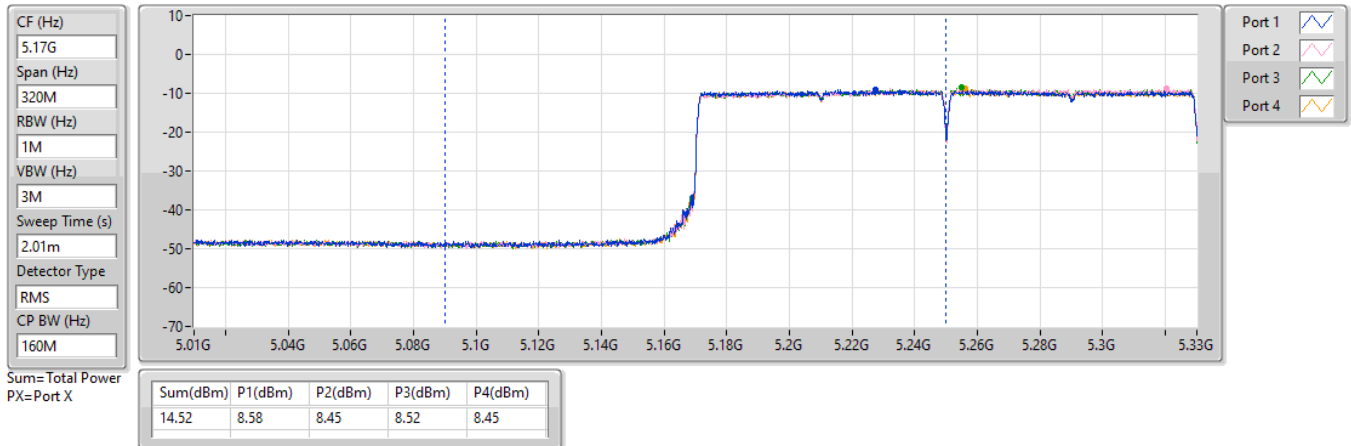
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

05/11/2024

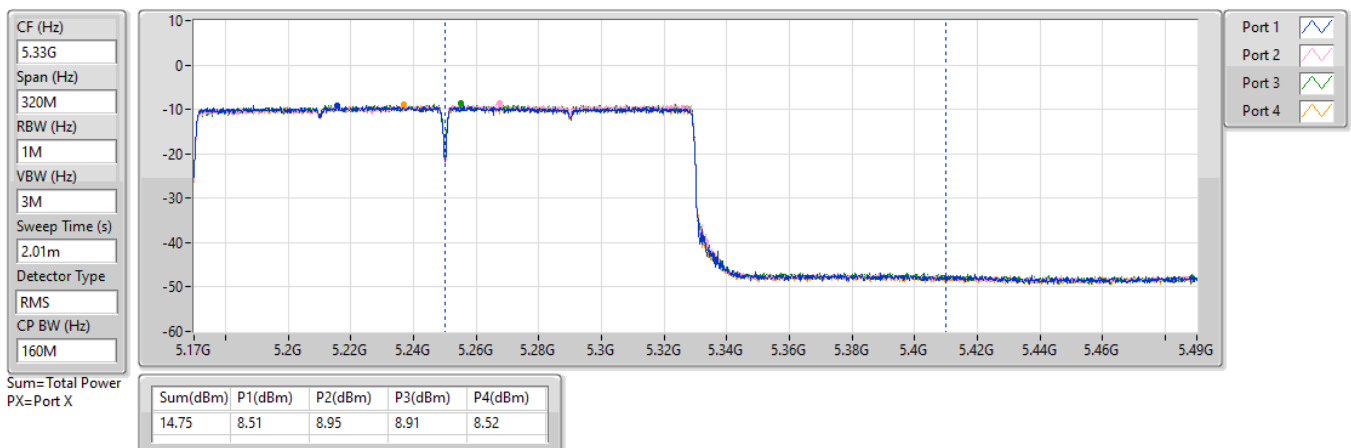


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

05/11/2024

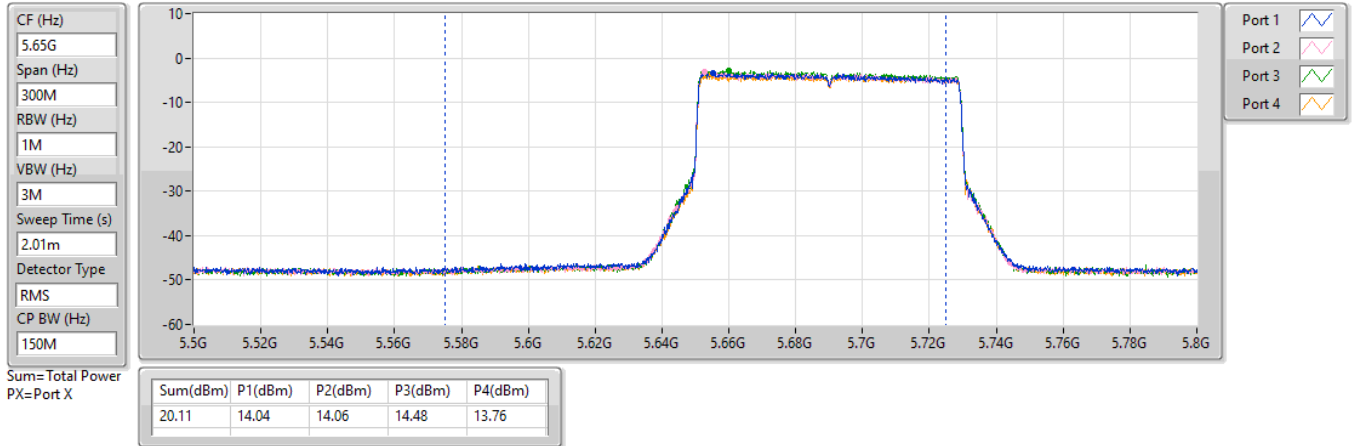


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

05/11/2024



Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	15.95	0.03936
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_4TX	12.38	0.01730
5.25-5.35GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	17.15	0.05188
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	14.11	0.02576
5.47-5.725GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	18.14	0.06516
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	15.24	0.03342
5.725-5.85GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	18.92	0.07798

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.14	9.99	9.59	10.06	10.05	15.95	30.00
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.14	8.58	8.64	8.72	8.47	14.62	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	4.72	11.26	10.99	11.26	11.00	17.15	23.98
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	4.72	9.79	9.91	9.60	9.64	15.76	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	5.25	6.60	6.53	6.51	6.44	12.54	23.98
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	5.25	5.38	5.62	5.55	5.36	11.50	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-	-	-	-	-	-	-	-
5610MHz	Pass	5.25	11.34	11.15	11.21	11.30	17.27	23.98
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-
5610MHz	Pass	5.25	9.91	9.54	9.79	9.85	15.80	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.25	12.47	12.11	12.07	11.82	18.14	23.98
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.25	10.44	10.25	10.09	9.90	16.20	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	5.01	0.61	0.01	-0.16	0.22	6.20	30.00
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	5.01	0.82	0.08	-0.22	0.66	6.38	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-	-	-	-	-	-	-	-
5775MHz	Pass	5.01	13.04	12.75	12.83	12.96	18.92	30.00
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-
5775MHz	Pass	5.01	11.23	11.26	10.80	10.92	17.08	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.14	4.98	4.35	4.54	4.37	10.59	30.00
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.14	6.50	6.25	6.47	6.20	12.38	30.00
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.14	5.17	4.59	4.33	4.86	10.77	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.72	8.11	8.42	8.04	7.78	14.11	23.98
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.72	4.84	5.27	5.07	4.49	10.95	23.98
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.72	4.92	5.85	5.49	4.82	11.31	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	5.25	9.15	9.67	9.04	9.00	15.24	23.98
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	5.25	8.38	8.78	8.14	8.04	14.37	23.98
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	5.25	6.90	7.51	7.16	6.87	13.14	23.98

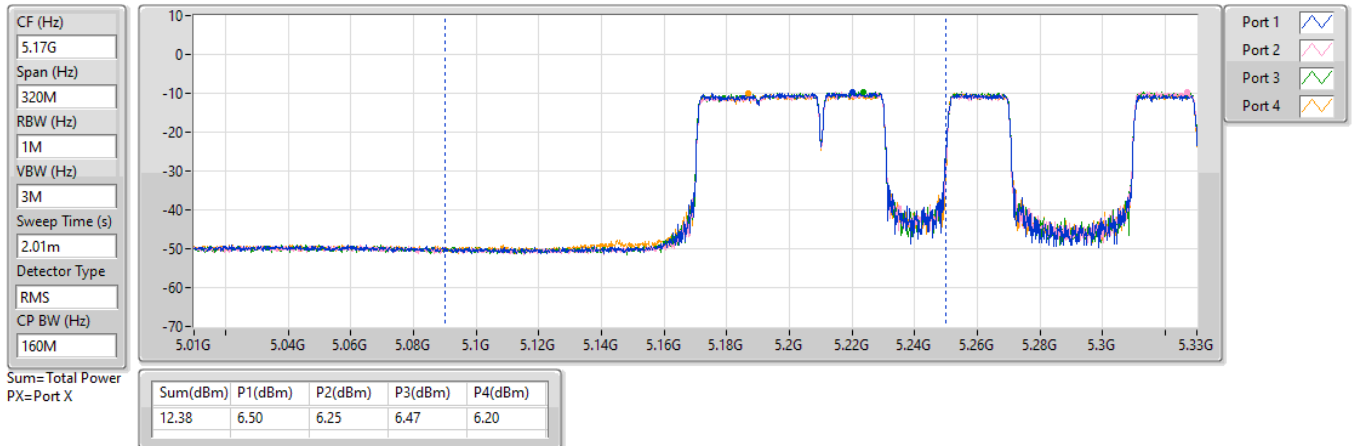
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

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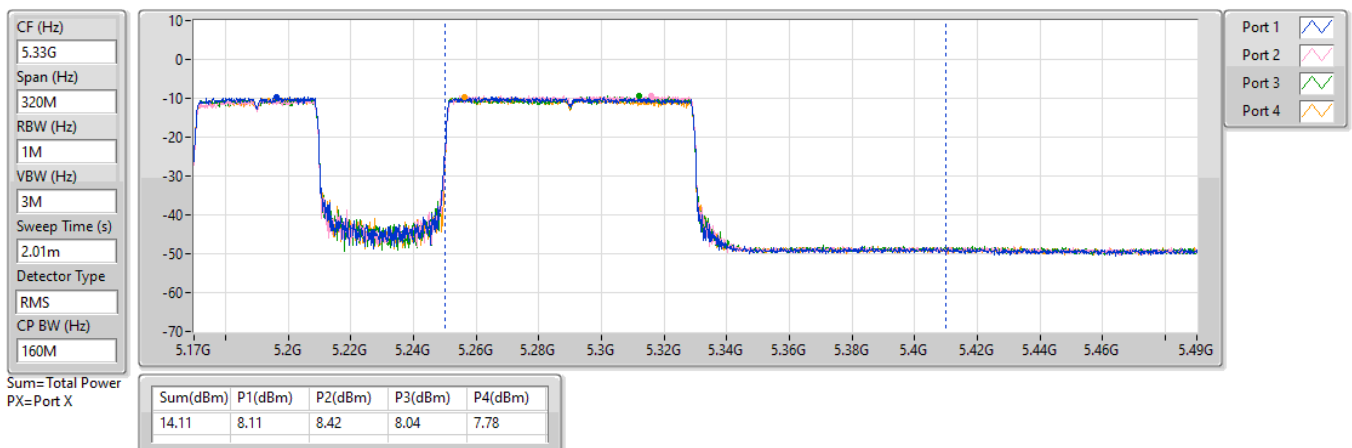


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

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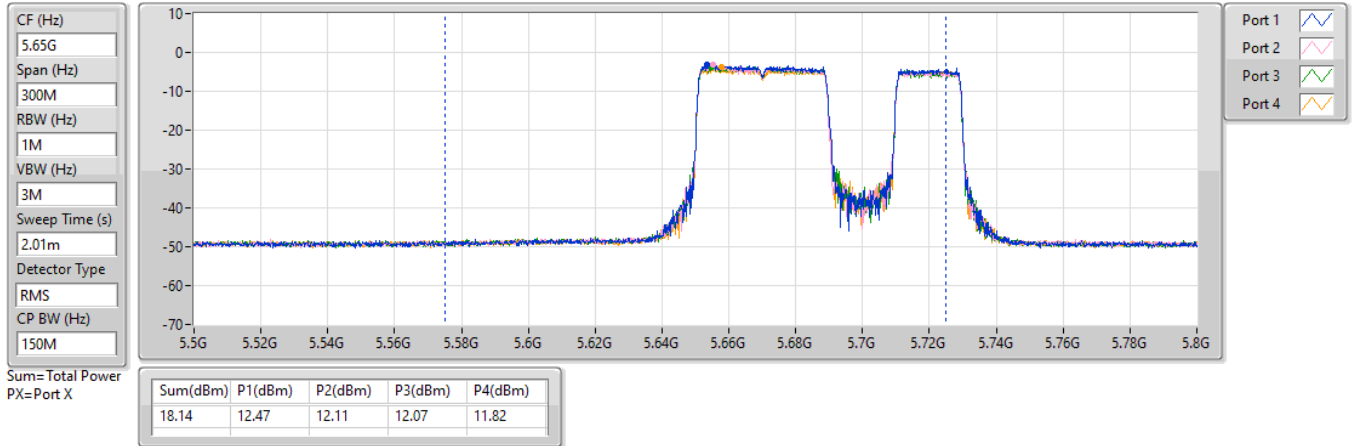


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

27/11/2024





Average Power Non-Beamforming Radio 3 Channel Puncturing Appendix C.5

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	17.41	0.05508
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX	14.19	0.02624
5.25-5.35GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	18.43	0.06966
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_4TX	14.81	0.03027
5.47-5.725GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	18.69	0.07396
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_4TX	16.70	0.04677
5.725-5.85GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	19.94	0.09863



Average Power Non-Beamforming Radio 3 Channel Puncturing 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)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.14	11.08	11.10	11.13	11.26	17.16	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.14	11.01	11.09	10.97	11.10	17.06	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.14	11.20	11.37	11.43	11.56	17.41	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.14	11.25	11.29	11.40	11.50	17.38	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	4.72	12.34	12.51	12.04	12.46	18.36	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	4.72	12.44	12.49	12.11	12.55	18.42	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	4.72	12.33	12.40	12.13	12.54	18.37	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	4.72	12.29	12.52	12.16	12.64	18.43	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	5.25	8.01	7.96	8.02	8.10	14.04	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	5.25	8.01	7.97	7.89	8.13	14.02	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	5.25	8.00	7.95	7.90	8.10	14.01	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	5.25	7.81	7.86	7.88	8.16	13.95	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-
5610MHz	Pass	5.25	12.35	12.50	12.51	12.73	18.55	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-
5610MHz	Pass	5.25	12.38	12.46	12.62	12.67	18.55	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-
5610MHz	Pass	5.25	12.32	12.53	12.58	12.70	18.56	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-
5610MHz	Pass	5.25	12.28	12.56	12.53	12.61	18.52	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.25	12.51	12.32	12.35	12.18	18.36	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.25	12.49	12.28	12.41	12.18	18.36	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.25	12.54	12.26	12.43	12.24	18.39	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.25	12.86	12.56	12.70	12.57	18.69	23.98
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	5.01	1.04	0.53	0.64	0.72	6.76	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	5.01	0.96	0.27	0.51	0.71	6.64	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	5.01	0.85	0.16	0.39	0.66	6.54	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	5.01	-35.68	-35.47	-35.31	-35.47	-29.46	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-
5775MHz	Pass	5.01	13.84	13.68	13.56	13.77	19.73	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-
5775MHz	Pass	5.01	13.86	13.82	13.70	13.83	19.82	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-
5775MHz	Pass	5.01	13.92	13.90	13.73	13.95	19.90	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-



Average Power Non-Beamforming Radio 3 Channel Puncturing Appendix C.5

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5775MHz	Pass	5.01	13.93	13.94	13.88	13.94	19.94	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.14	7.01	6.60	6.87	6.91	12.87	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.14	6.87	6.48	6.76	6.79	12.75	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.14	6.78	6.43	6.66	6.74	12.68	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.14	7.31	6.78	7.17	7.21	13.14	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.14	8.18	7.88	8.12	8.12	14.10	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.14	8.25	7.92	8.20	8.24	14.18	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.14	8.23	7.93	8.21	8.16	14.15	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.14	8.18	7.89	8.19	8.13	14.12	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.14	5.36	5.02	5.29	5.33	11.27	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.14	5.09	4.51	4.97	4.92	10.90	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.14	8.25	7.92	8.28	8.21	14.19	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.14	8.22	7.93	8.30	8.14	14.17	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.72	8.19	8.53	8.40	8.23	14.36	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.72	8.15	8.52	8.38	8.24	14.35	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.72	8.12	8.52	8.41	8.19	14.33	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.72	8.61	9.00	8.88	8.67	14.81	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.72	6.73	7.18	7.00	6.72	12.93	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.72	6.77	7.18	7.05	6.78	12.97	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.72	6.75	7.14	7.04	6.84	12.97	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.72	6.77	7.10	7.08	6.86	12.98	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.72	8.29	8.52	8.50	8.32	14.43	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.72	8.20	8.55	8.55	8.26	14.41	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.72	4.99	5.52	5.41	4.91	11.24	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.72	5.01	5.30	5.41	5.20	11.25	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	5.25	10.49	11.10	10.36	10.49	16.64	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	5.25	10.47	11.07	10.47	10.48	16.65	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	5.25	10.52	11.14	10.51	10.50	16.70	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-



Average Power_Non-Beamforming_Radio 3_Channel Puncturing Appendix C.5

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5570MHz	Pass	5.25	10.53	11.11	10.47	10.57	16.70	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	5.25	10.57	11.06	10.49	10.41	16.66	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	5.25	10.57	11.08	10.47	10.45	16.67	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	5.25	10.47	11.08	10.38	10.44	16.62	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	5.25	10.48	11.12	10.44	10.40	16.64	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	5.25	9.26	9.93	9.27	9.46	15.51	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	5.25	9.97	10.51	9.87	9.92	16.10	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	5.25	9.99	10.48	9.90	9.85	16.08	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	5.25	9.88	10.51	9.81	9.91	16.06	23.98

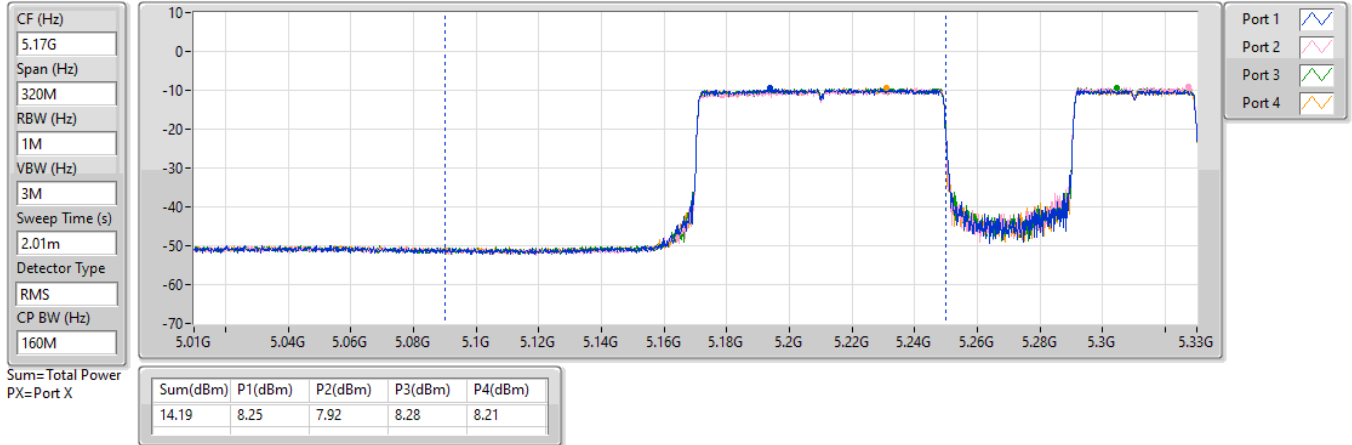
DG = Directional Gain; Port X = Port X output power
 Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

22/11/2024

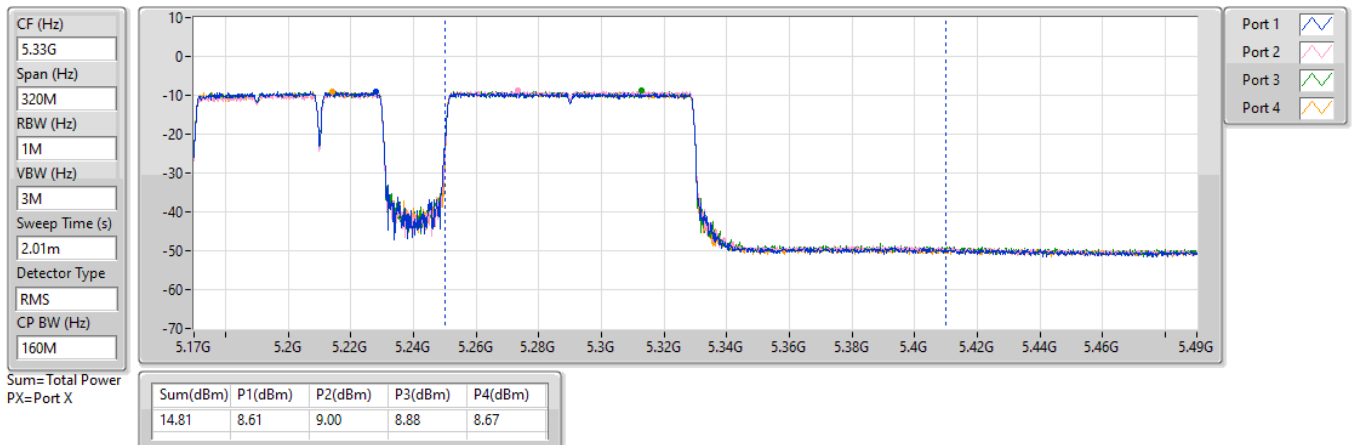


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

22/11/2024



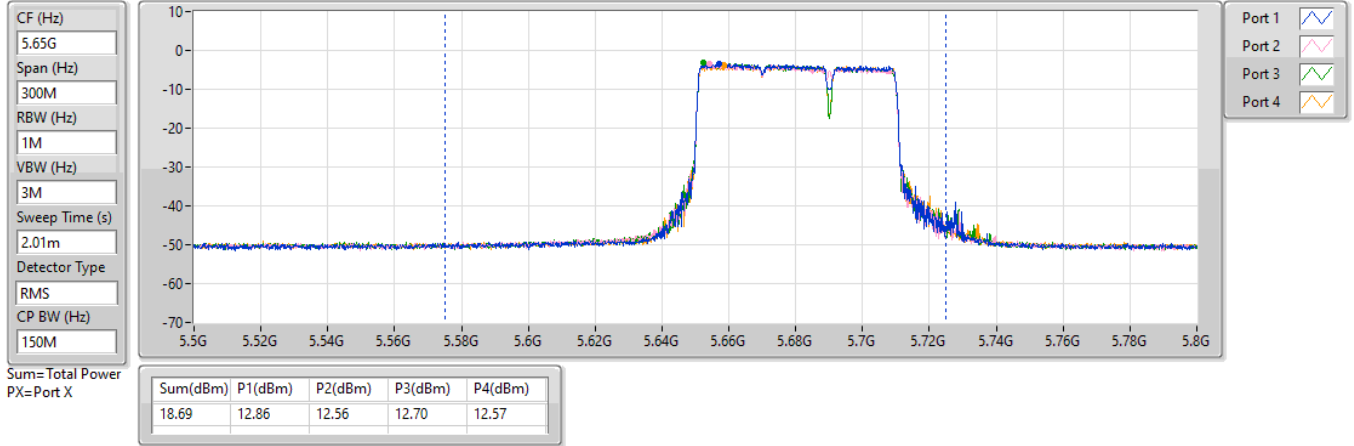


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

22/11/2024



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.08	0.10186	29.29	0.84918
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	20.07	0.10162	29.28	0.84723
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.06	0.10139	29.27	0.84528
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.20	0.13183	30.41	1.09901
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	20.26	0.10617	29.47	0.88512
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.26	0.10617	29.47	0.88512



Average Power_Beamforming_Radio 0 (Band 1 + 4)

Appendix C.6

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	9.21	16.69	17.24	19.98	20.77	29.19	30.00
5200MHz	Pass	9.21	16.81	17.32	20.08	20.77	29.29	30.00
5240MHz	Pass	9.21	16.73	17.18	19.97	20.77	29.18	30.00
5745MHz	Pass	9.21	17.92	18.18	21.06	26.79	30.27	36.00
5785MHz	Pass	9.21	18.05	18.32	21.20	26.79	30.41	36.00
5825MHz	Pass	9.21	17.97	18.00	21.00	26.79	30.21	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	9.21	13.81	14.14	16.99	20.77	26.20	30.00
5230MHz	Pass	9.21	16.89	17.22	20.07	20.77	29.28	30.00
5755MHz	Pass	9.21	17.11	17.39	20.26	26.79	29.47	36.00
5795MHz	Pass	9.21	17.18	17.18	20.19	26.79	29.40	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	9.21	16.88	17.21	20.06	20.77	29.27	30.00
5775MHz	Pass	9.21	17.14	17.36	20.26	26.79	29.47	36.00

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

**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	13.81	0.02404	23.02	0.20045
5.25-5.35GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.07	0.10162	29.28	0.84723
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	20.26	0.10617	29.47	0.88512
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	16.53	0.04498	25.74	0.37497
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	13.70	0.02344	22.91	0.19543
5.47-5.725GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	19.99	0.09977	29.20	0.83176
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	20.28	0.10666	29.49	0.88920
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.14	0.10328	29.35	0.86099
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	17.04	0.05058	26.25	0.42170
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	12.87	0.01936	22.08	0.16144
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	9.42	0.00875	18.63	0.07295
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	5.87	0.00386	15.08	0.03221

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	9.21	16.73	16.94	19.85	20.77	29.06	30.00
5300MHz	Pass	9.21	16.99	17.12	20.07	20.77	29.28	30.00
5320MHz	Pass	9.21	16.59	16.81	19.71	20.74	28.92	29.95
5500MHz	Pass	9.21	16.56	16.22	19.40	20.77	28.61	30.00
5580MHz	Pass	9.21	16.89	17.06	19.99	20.77	29.20	29.98
5700MHz	Pass	9.21	16.05	16.15	19.11	20.77	28.32	29.98
5720MHz Straddle 5.47-5.725GHz	Pass	9.21	15.65	15.66	18.67	19.51	27.88	28.72
5720MHz Straddle 5.725-5.85GHz	Pass	9.21	9.72	10.00	12.87	26.79	22.08	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	9.21	17.20	17.30	20.26	20.77	29.47	30.00
5310MHz	Pass	9.21	14.93	15.05	18.00	20.77	27.21	30.00
5510MHz	Pass	9.21	12.31	12.52	15.43	20.77	24.64	30.00
5550MHz	Pass	9.21	17.18	17.35	20.28	20.77	29.49	30.00
5670MHz	Pass	9.21	17.02	17.17	20.11	20.77	29.32	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	9.21	16.53	16.65	19.60	20.77	28.81	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	9.21	6.48	6.34	9.42	26.79	18.63	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	9.21	13.49	13.55	16.53	20.77	25.74	30.00
5530MHz	Pass	9.21	13.21	13.49	16.36	20.77	25.57	30.00
5610MHz	Pass	9.21	17.02	17.22	20.13	20.77	29.34	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	9.21	17.18	17.07	20.14	20.77	29.35	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	9.21	2.90	2.81	5.87	26.79	15.08	36.00
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	9.21	10.76	10.83	13.81	20.77	23.02	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	9.21	10.68	10.70	13.70	20.77	22.91	30.00
5570MHz	Pass	9.21	13.91	14.15	17.04	20.77	26.25	30.00

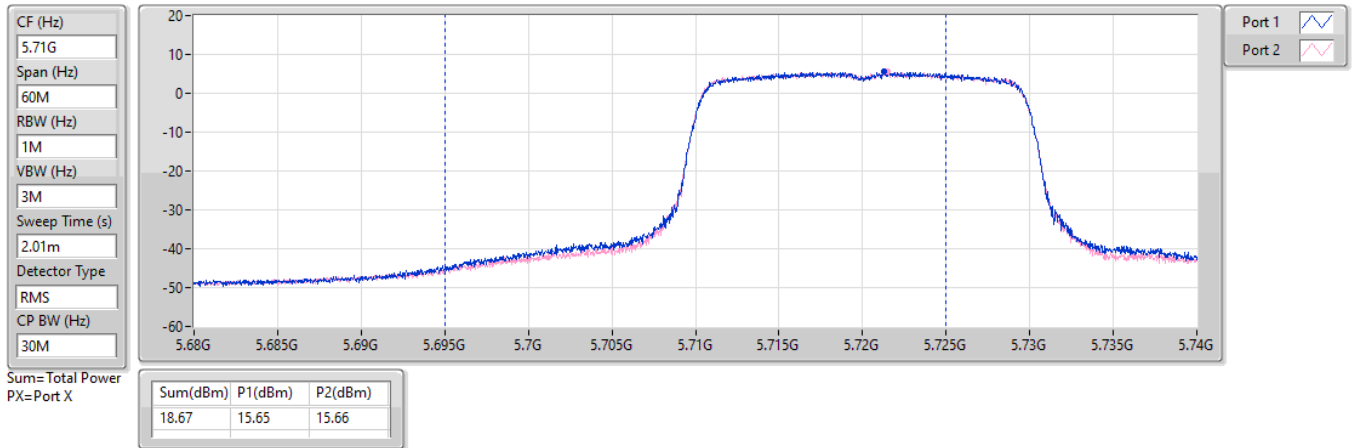
DG = Directional Gain; Port X = Port X output power

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TX

17/01/2024

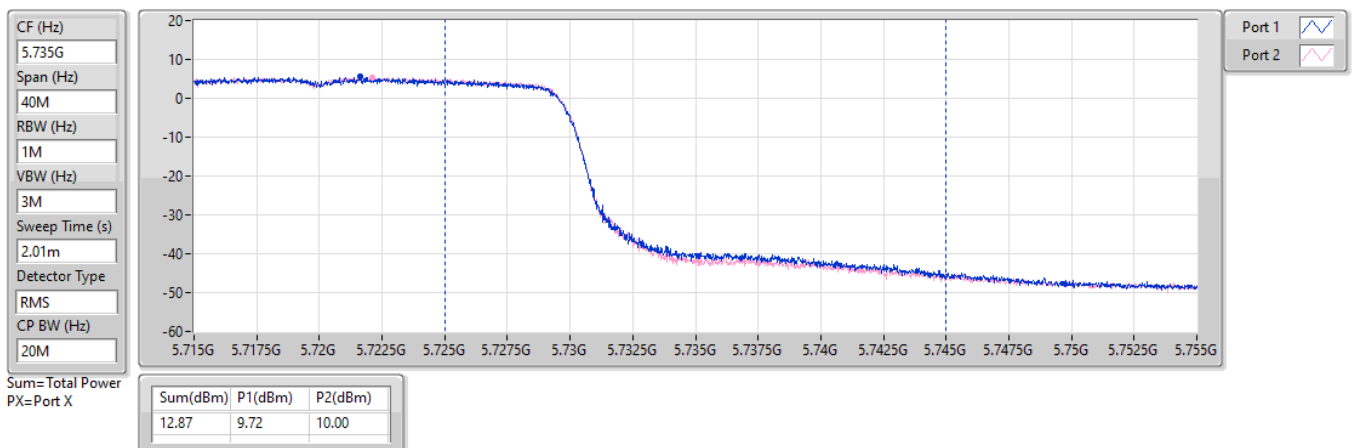


5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

17/01/2024

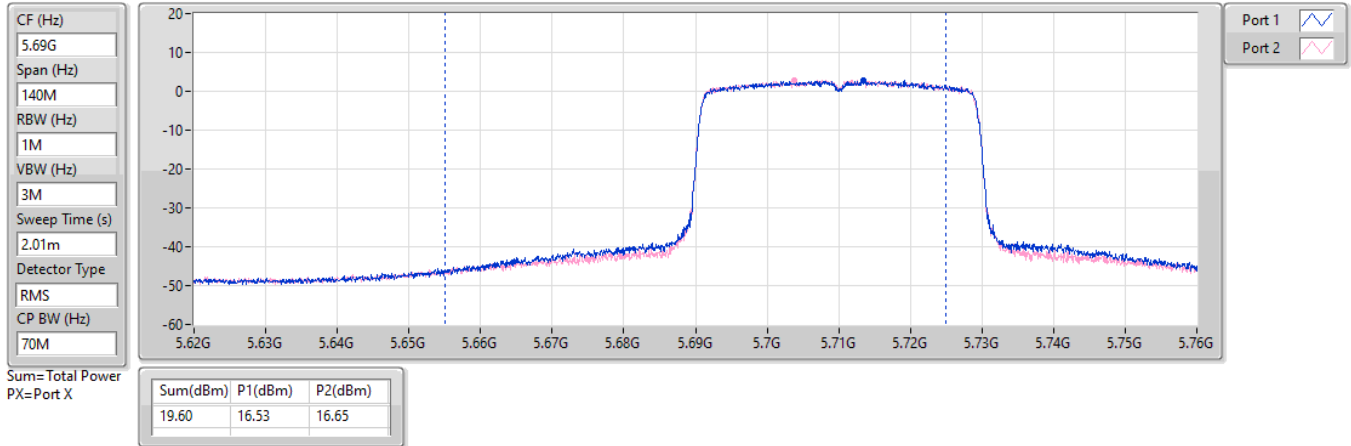


5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TX

17/01/2024

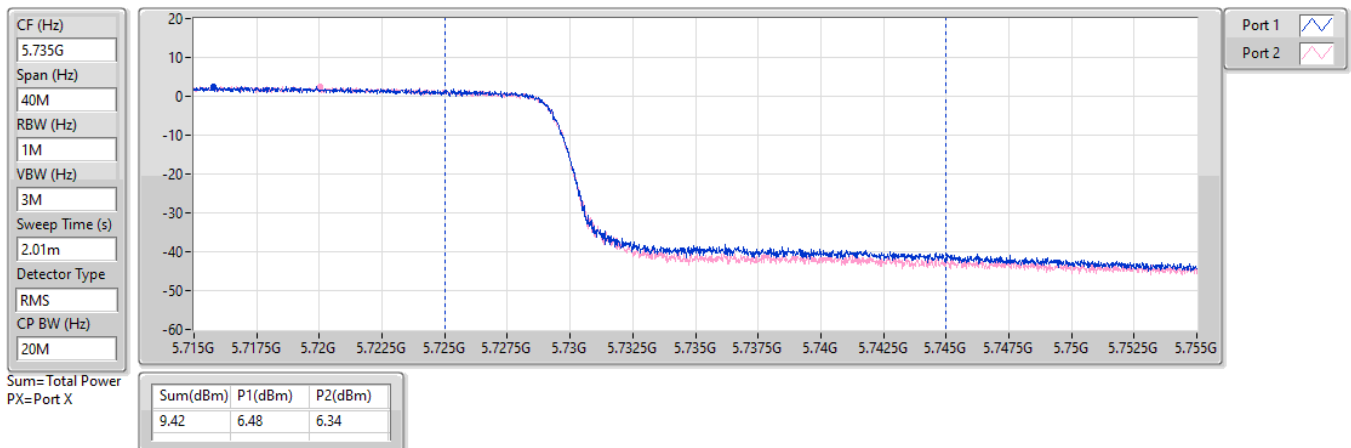


5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

17/01/2024

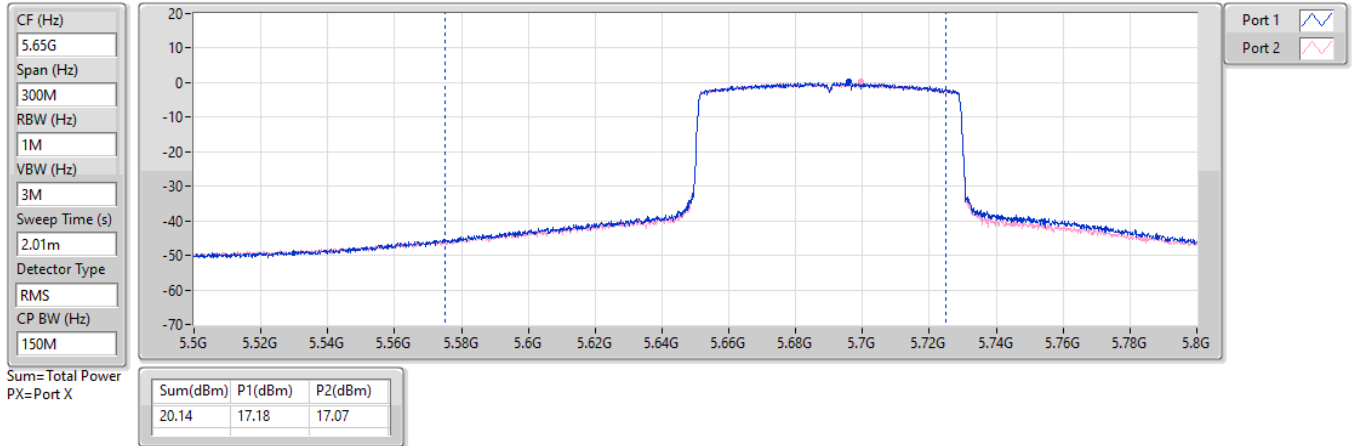


5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

17/01/2024

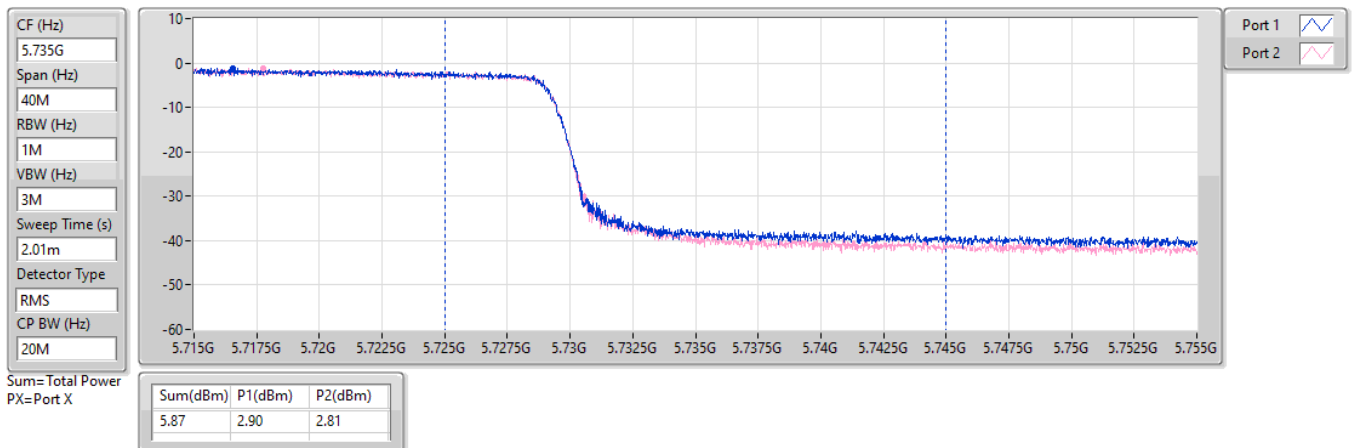


5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

17/01/2024

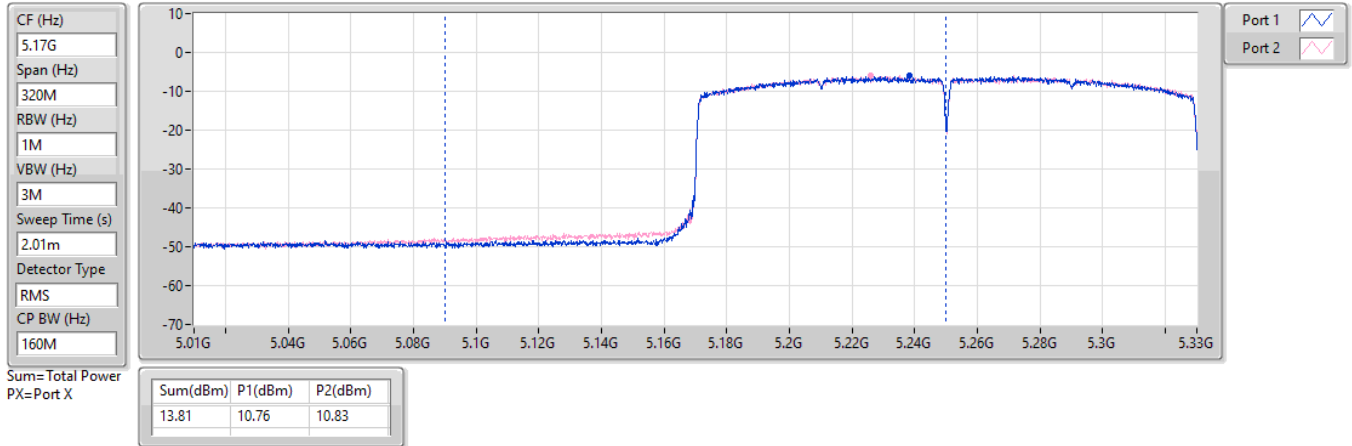


5.15-5.25GHz_802.11ax HEW160-BF_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

17/01/2024

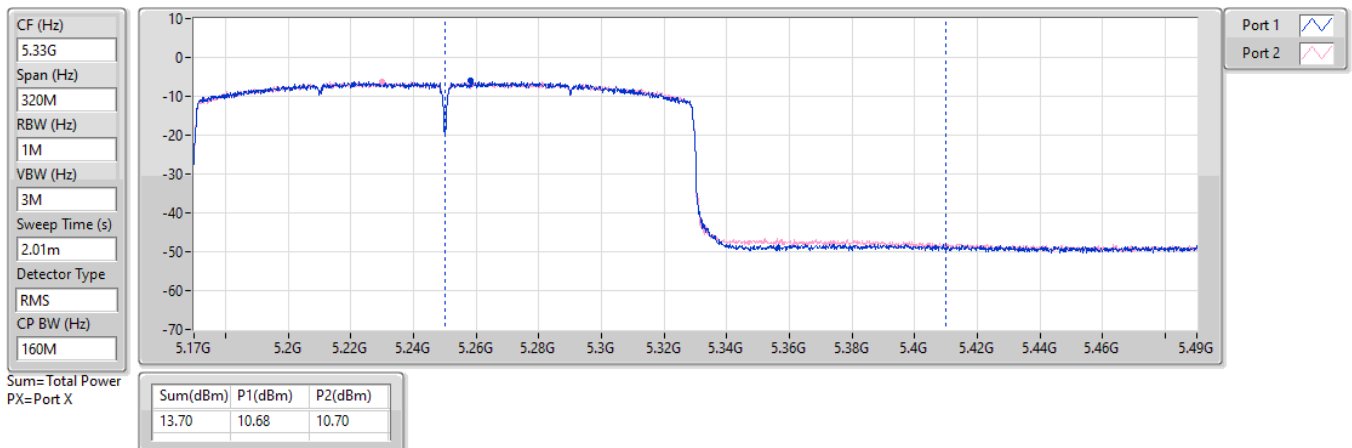


5.25-5.35GHz_802.11ax HEW160-BF_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

17/01/2024



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	21.36	0.13677	29.31	0.85310
802.11be EHT40-BF_Nss1,(MCS0)_4TX	21.23	0.13274	29.18	0.82794
802.11be EHT80-BF_Nss1,(MCS0)_4TX	18.56	0.07178	26.51	0.44771
802.11be EHT160-BF_Nss1,(MCS0)_4TX	14.52	0.02831	22.47	0.17660
5.25-5.35GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	21.60	0.14454	28.91	0.77804
802.11be EHT40-BF_Nss1,(MCS0)_4TX	21.15	0.13032	28.46	0.70146
802.11be EHT80-BF_Nss1,(MCS0)_4TX	19.56	0.09036	26.87	0.48641
802.11be EHT160-BF_Nss1,(MCS0)_4TX	14.75	0.02985	22.06	0.16069
5.47-5.725GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	20.87	0.12218	29.30	0.85114
802.11be EHT40-BF_Nss1,(MCS0)_4TX	20.77	0.11940	29.20	0.83176
802.11be EHT80-BF_Nss1,(MCS0)_4TX	20.11	0.10257	28.54	0.71450
802.11be EHT160-BF_Nss1,(MCS0)_4TX	17.14	0.05176	25.57	0.36058
5.725-5.85GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	21.58	0.14388	30.27	1.06414
802.11be EHT40-BF_Nss1,(MCS0)_4TX	21.50	0.14125	30.19	1.04472
802.11be EHT80-BF_Nss1,(MCS0)_4TX	20.99	0.12560	29.68	0.92897

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)
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	7.95	15.32	15.12	15.60	15.29	21.36	28.05	29.31	Inf
5200MHz	Pass	7.95	15.08	15.03	16.20	14.93	21.36	28.05	29.31	Inf
5240MHz	Pass	7.95	15.22	15.39	15.41	15.11	21.30	28.05	29.25	Inf
5260MHz	Pass	7.31	15.13	15.40	15.58	15.21	21.35	22.67	28.66	Inf
5300MHz	Pass	7.31	15.45	15.64	15.89	15.32	21.60	22.67	28.91	Inf
5320MHz	Pass	7.31	15.20	15.39	15.56	15.09	21.33	22.67	28.64	Inf
5500MHz	Pass	8.43	14.49	14.55	14.99	14.64	20.69	21.55	29.12	Inf
5580MHz	Pass	8.43	14.67	14.69	15.13	14.89	20.87	21.55	29.30	Inf
5700MHz	Pass	8.43	14.69	14.86	14.98	14.40	20.76	21.55	29.19	Inf
5720MHz Straddle 5.47-5.725GHz	Pass	8.43	13.27	13.19	13.58	13.02	19.29	20.57	27.72	Inf
5720MHz Straddle 5.725-5.85GHz	Pass	8.69	8.14	8.26	8.37	8.11	14.24	27.31	22.93	Inf
5745MHz	Pass	8.69	15.55	15.50	15.78	15.39	21.58	27.31	30.27	Inf
5785MHz	Pass	8.69	15.33	15.48	15.83	15.43	21.54	27.31	30.23	Inf
5825MHz	Pass	8.69	15.14	15.42	15.57	14.95	21.30	27.31	29.99	Inf
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	7.95	13.34	13.30	14.04	13.31	19.53	28.05	27.48	Inf
5230MHz	Pass	7.95	15.40	15.32	14.83	15.26	21.23	28.05	29.18	Inf
5270MHz	Pass	7.31	14.94	15.22	15.43	14.92	21.15	22.67	28.46	Inf
5310MHz	Pass	7.31	13.72	13.98	14.25	13.75	19.95	22.67	27.26	Inf
5510MHz	Pass	8.43	9.15	8.99	9.36	9.06	15.16	21.55	23.59	Inf
5550MHz	Pass	8.43	14.05	14.87	15.29	14.70	20.77	21.55	29.20	Inf
5670MHz	Pass	8.43	9.92	10.10	10.41	9.74	16.07	21.55	24.50	Inf
5710MHz Straddle 5.47-5.725GHz	Pass	8.43	14.29	14.48	14.55	14.06	20.37	21.55	28.80	Inf
5710MHz Straddle 5.725-5.85GHz	Pass	8.69	4.73	4.97	5.22	4.75	10.94	27.31	19.63	Inf
5755MHz	Pass	8.69	15.39	15.64	15.63	15.15	21.48	27.31	30.17	Inf
5795MHz	Pass	8.69	15.44	15.26	15.79	15.41	21.50	27.31	30.19	Inf
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	7.95	12.42	12.69	12.62	12.42	18.56	28.05	26.51	Inf
5290MHz	Pass	7.31	13.38	13.61	13.84	13.29	19.56	22.67	26.87	Inf
5530MHz	Pass	8.43	9.24	9.38	9.59	9.25	15.39	21.55	23.82	Inf
5610MHz	Pass	8.43	13.87	13.89	14.14	13.78	19.94	21.55	28.37	Inf
5690MHz Straddle 5.47-5.725GHz	Pass	8.43	14.04	14.06	14.48	13.76	20.11	21.55	28.54	Inf
5690MHz Straddle 5.725-5.85GHz	Pass	8.69	0.74	0.81	1.20	0.78	6.91	27.31	15.60	Inf
5775MHz	Pass	8.69	14.87	15.11	15.17	14.71	20.99	27.31	29.68	Inf
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	8.58	8.45	8.52	8.45	14.52	28.05	22.47	Inf
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	8.51	8.95	8.91	8.52	14.75	22.67	22.06	Inf
5570MHz	Pass	8.43	9.91	11.11	12.07	11.13	17.14	21.55	25.57	Inf

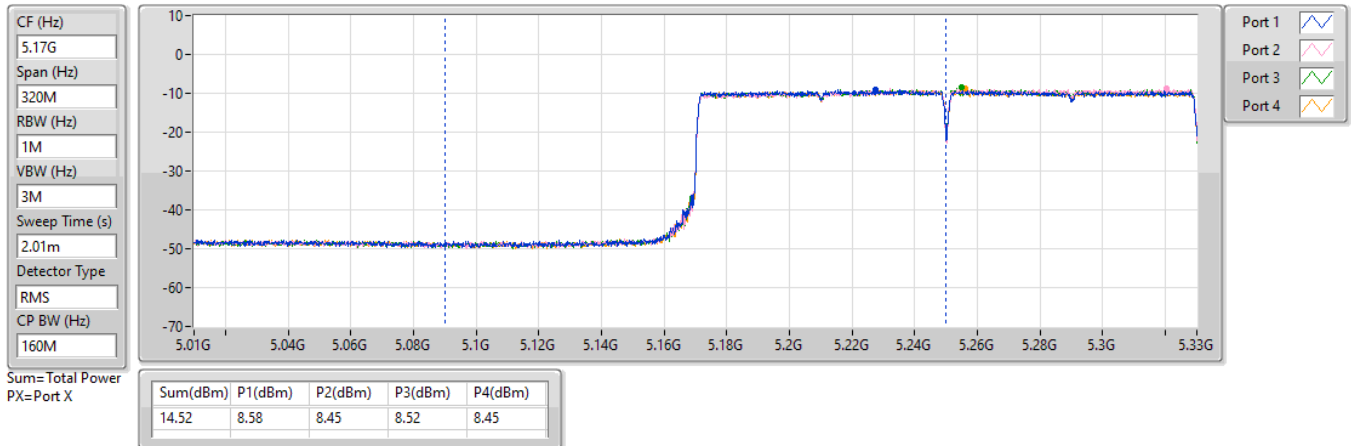
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

05/11/2024

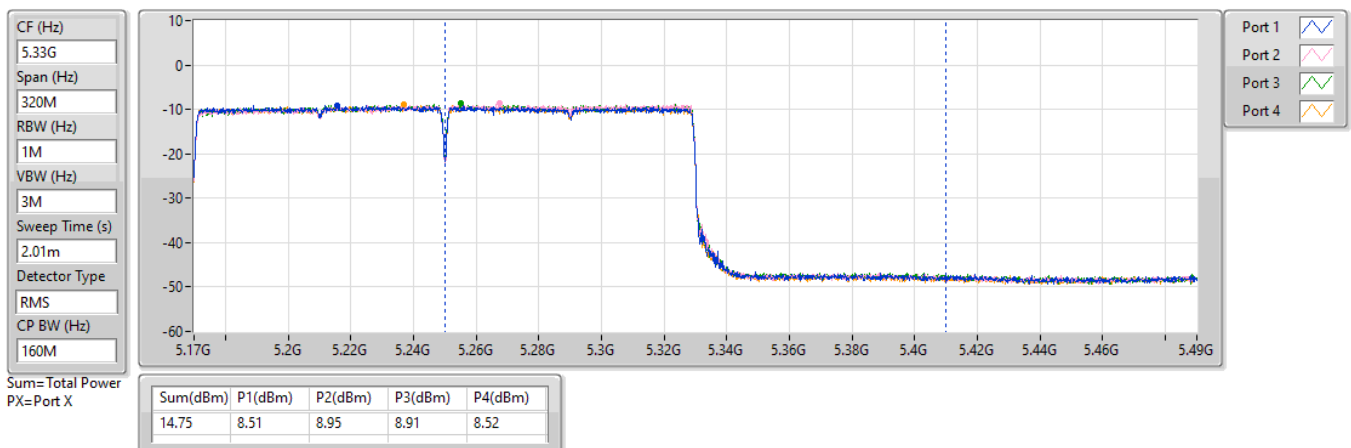


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

05/11/2024

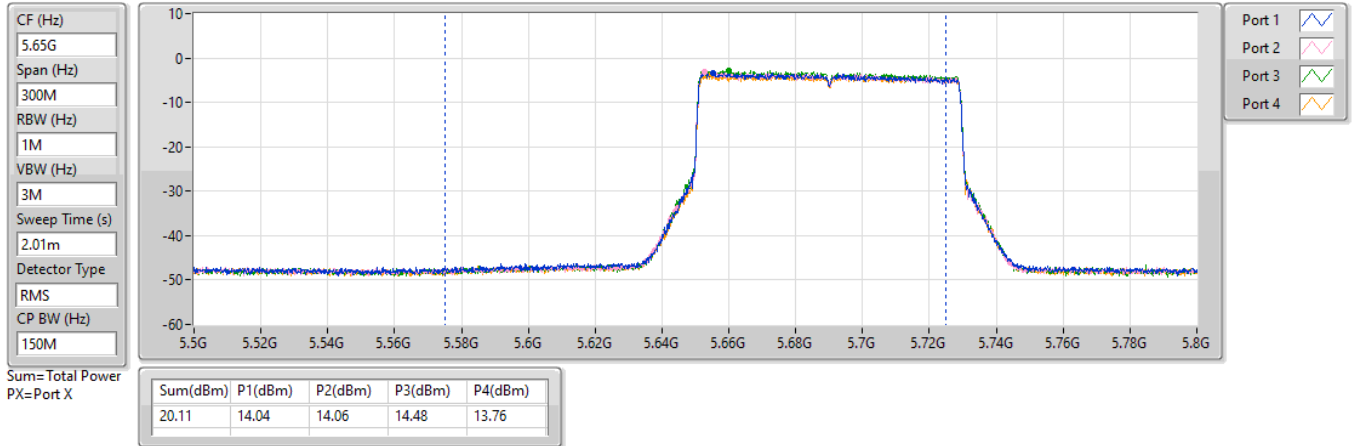


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

05/11/2024





Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	7.40	16.61
802.11ax HEW20_Nss1,(MCS0)_2TX	7.62	16.83
802.11ax HEW40_Nss1,(MCS0)_2TX	5.45	14.66
802.11ax HEW80_Nss1,(MCS0)_2TX	2.37	11.58
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	6.68	15.89
802.11ax HEW20_Nss1,(MCS0)_2TX	7.29	16.50
802.11ax HEW40_Nss1,(MCS0)_2TX	3.71	12.92
802.11ax HEW80_Nss1,(MCS0)_2TX	0.61	9.82

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	9.21	4.27	4.67	7.35	7.79	16.56	17.00
5200MHz	Pass	9.21	4.35	4.63	7.40	7.79	16.61	17.00
5240MHz	Pass	9.21	4.35	4.57	7.38	7.79	16.59	17.00
5745MHz	Pass	9.21	3.51	3.76	6.61	26.79	15.82	36.00
5785MHz	Pass	9.21	3.70	3.84	6.65	26.79	15.86	36.00
5825MHz	Pass	9.21	3.65	3.72	6.68	26.79	15.89	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	9.21	4.33	4.81	7.57	7.79	16.78	17.00
5200MHz	Pass	9.21	4.36	4.86	7.62	7.79	16.83	17.00
5240MHz	Pass	9.21	4.31	4.70	7.51	7.79	16.72	17.00
5745MHz	Pass	9.21	4.01	4.34	7.14	26.79	16.35	36.00
5785MHz	Pass	9.21	4.17	4.39	7.29	26.79	16.50	36.00
5825MHz	Pass	9.21	4.22	4.14	7.14	26.79	16.35	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	9.21	-1.25	-0.92	1.92	7.79	11.13	17.00
5230MHz	Pass	9.21	2.25	2.68	5.45	7.79	14.66	17.00
5755MHz	Pass	9.21	0.53	0.83	3.66	26.79	12.87	36.00
5795MHz	Pass	9.21	0.62	0.82	3.71	26.79	12.92	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	9.21	-0.82	-0.46	2.37	7.79	11.58	17.00
5775MHz	Pass	9.21	-2.46	-2.28	0.61	26.79	9.82	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;

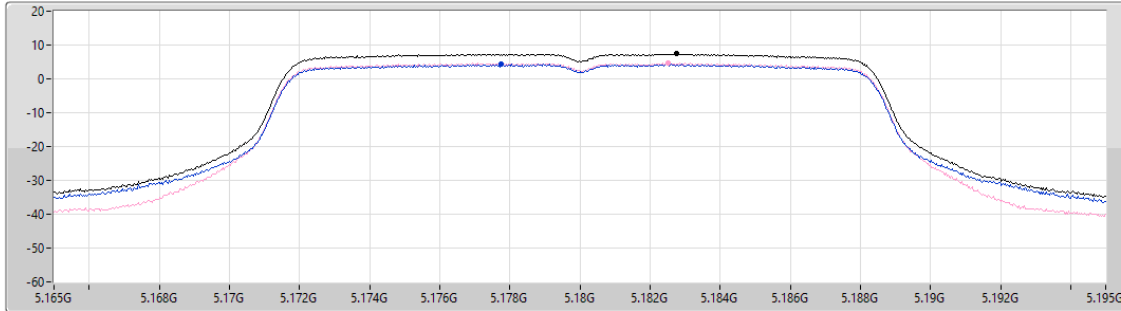
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

15/01/2024

CF (Hz)
5.18G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20.487
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.35	7.35	4.27	4.67

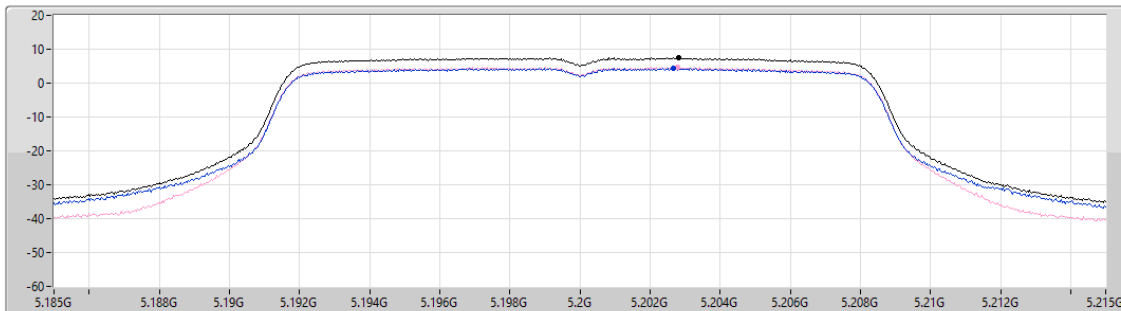
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

15/01/2024

CF (Hz)
5.2G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20.487
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.40	7.40	4.35	4.63

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

15/01/2024

CF (Hz)
5.24G

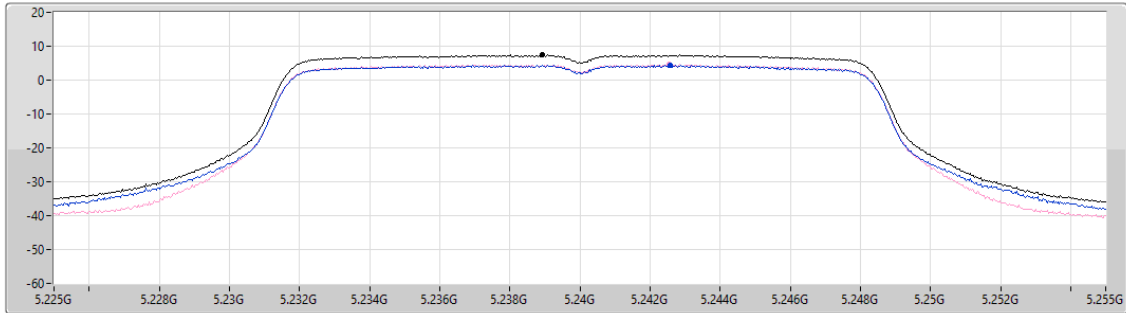
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20.487

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.38	7.38	4.35	4.57

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

15/01/2024

CF (Hz)
5.745G

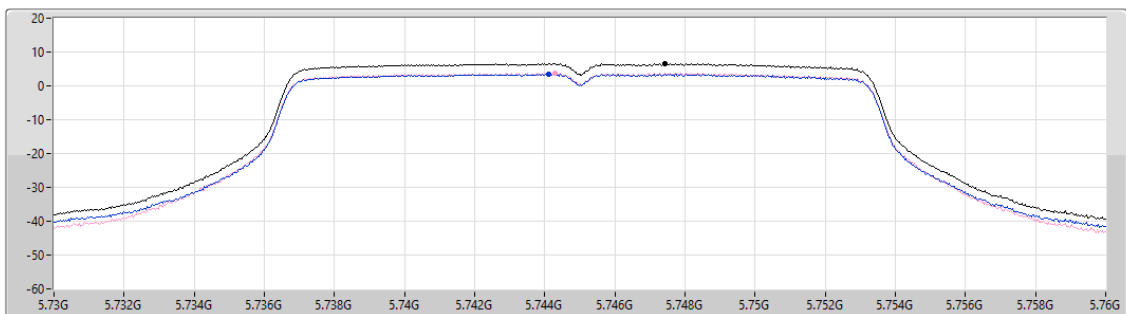
Span (Hz)
30M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
20.487

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.61	6.61	3.51	3.76

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

15/01/2024

CF (Hz)
5.785G

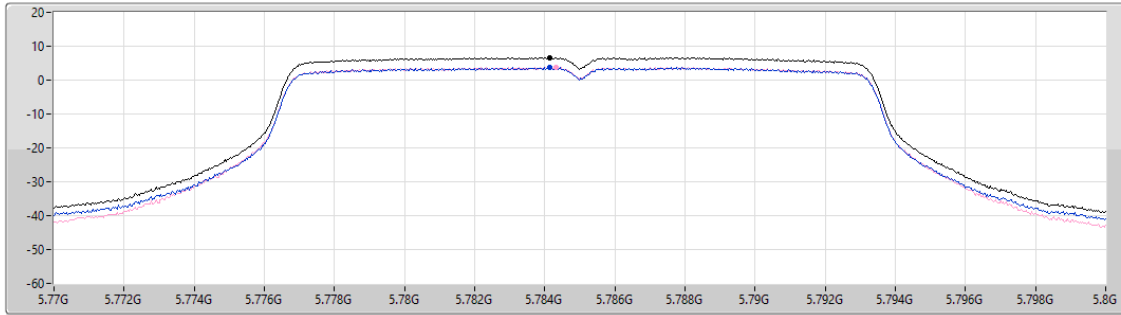
Span (Hz)
30M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
20.487

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.65	6.65	3.70	3.84

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

15/01/2024

CF (Hz)
5.825G

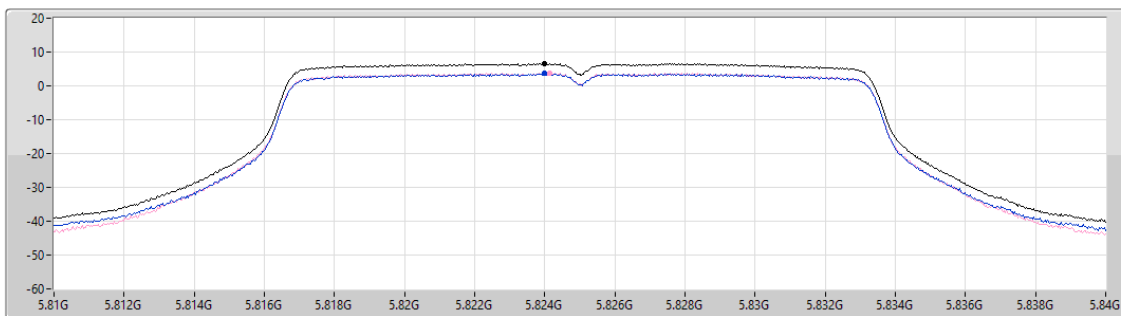
Span (Hz)
30M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
20.487

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.68	6.68	3.65	3.72

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5180MHz

15/01/2024

CF (Hz)
5.18G

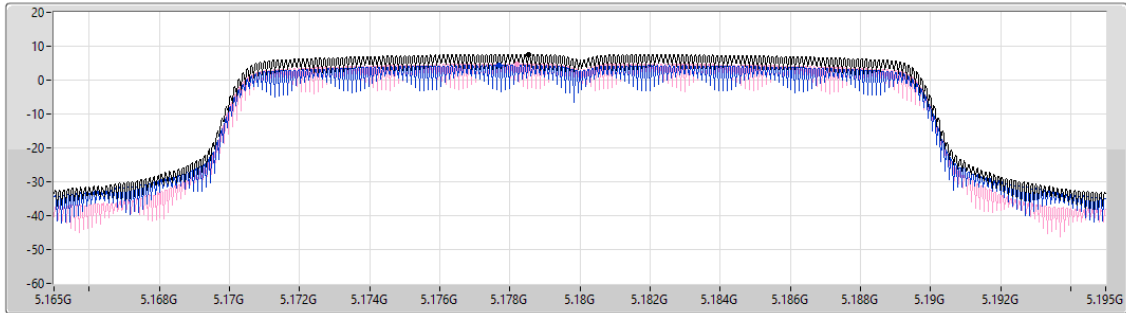
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
60

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.57	7.57	4.33	4.81

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5200MHz

15/01/2024

CF (Hz)
5.2G

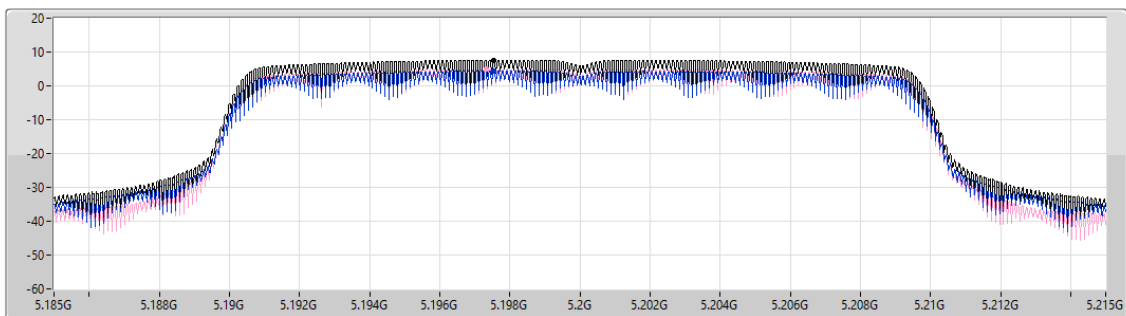
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
60

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

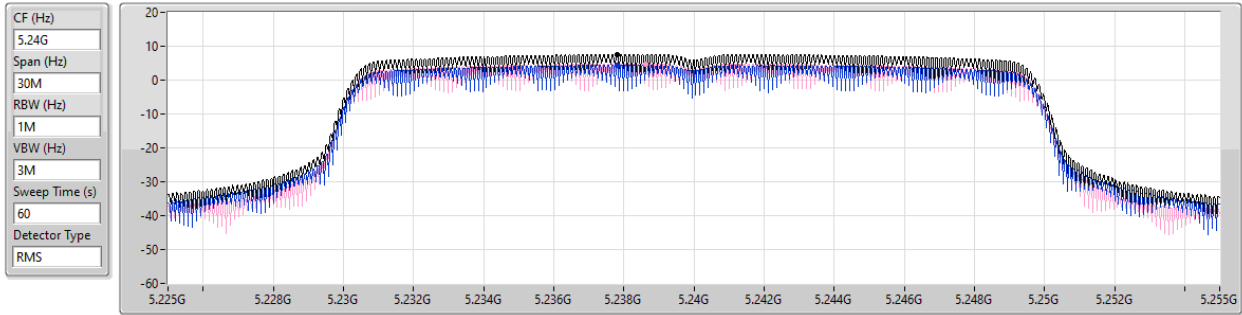
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.62	7.62	4.36	4.86

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5240MHz

15/01/2024



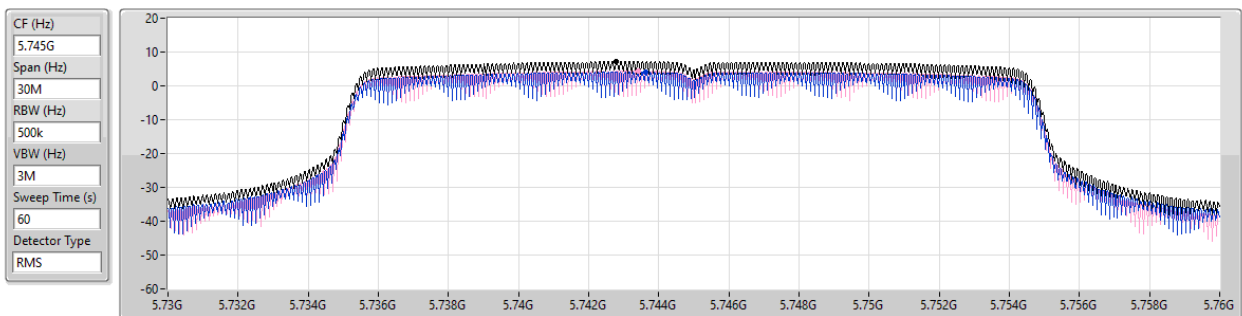
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.51	7.51	4.31	4.70

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5745MHz

15/01/2024



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.14	7.14	4.01	4.34

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5785MHz

15/01/2024

CF (Hz)
5.785G

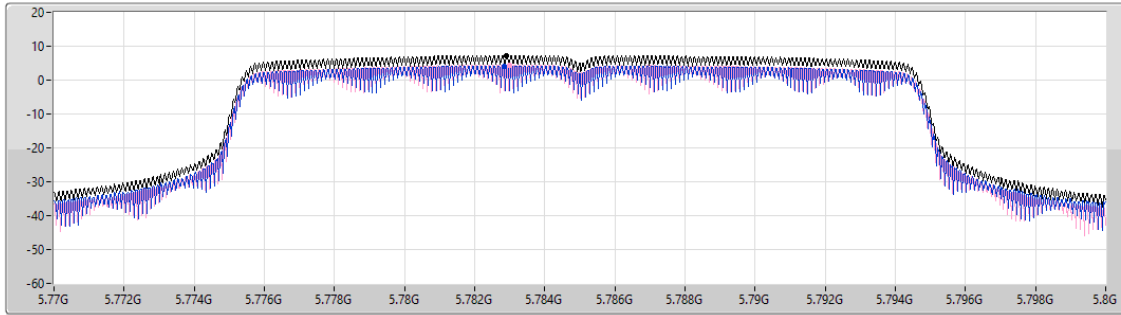
Span (Hz)
30M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
60

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.29	7.29	4.17	4.39

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5825MHz

15/01/2024

CF (Hz)
5.825G

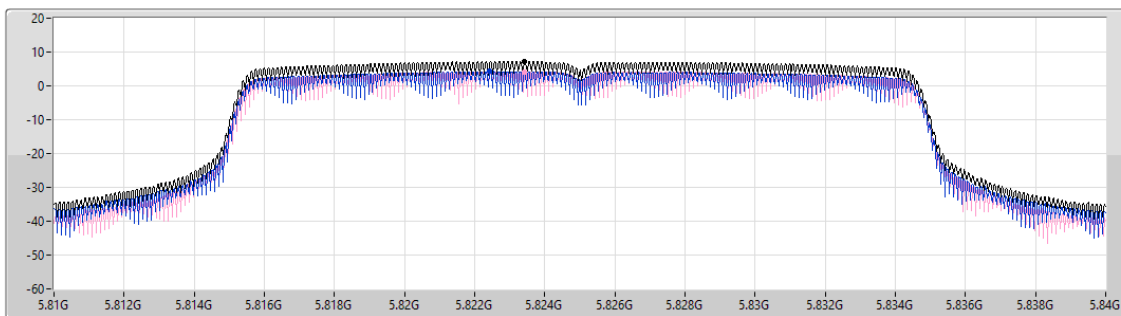
Span (Hz)
30M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
60

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

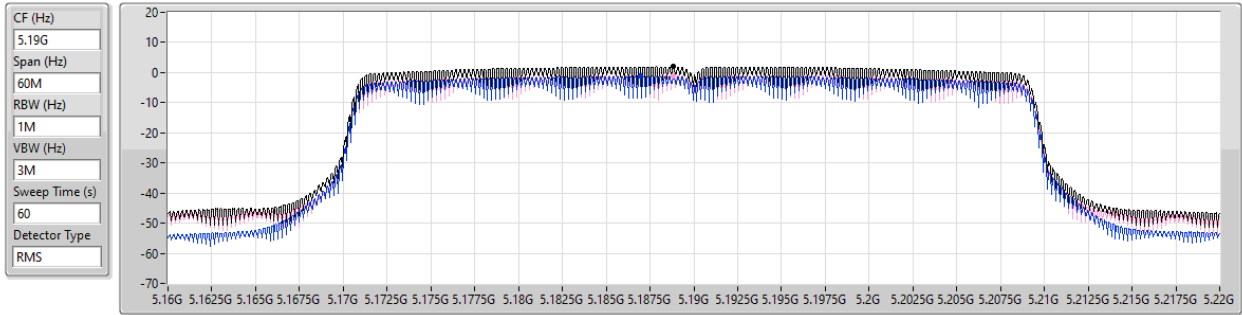
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.14	7.14	4.22	4.14

5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

PSD

5190MHz

15/01/2024



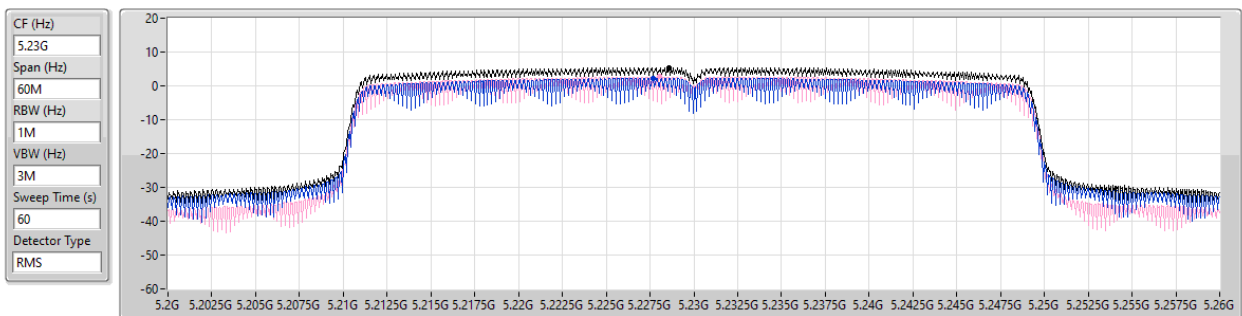
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.92	1.92	-1.25	-0.92

5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

PSD

5230MHz

15/01/2024



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.45	5.45	2.25	2.68

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5755MHz

15/01/2024

CF (Hz)
5.755G

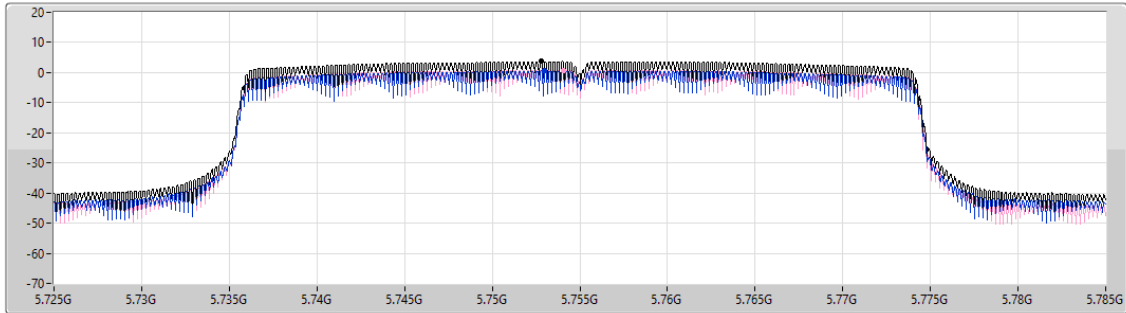
Span (Hz)
60M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
60

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.66	3.66	0.53	0.83

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5795MHz

15/01/2024

CF (Hz)
5.795G

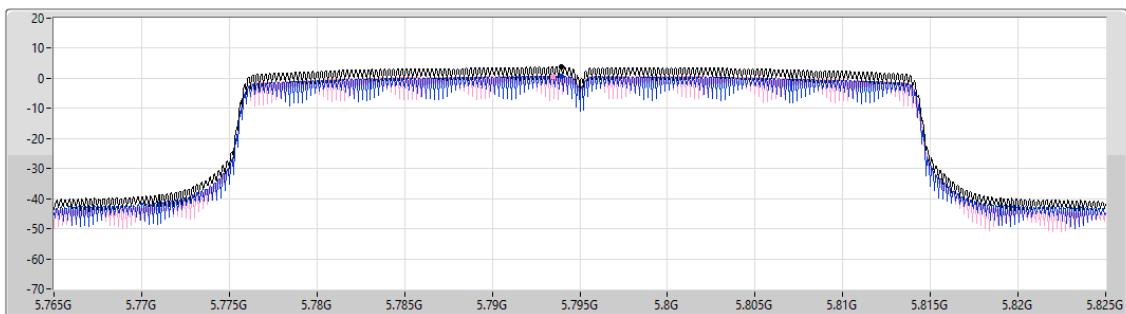
Span (Hz)
60M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
60

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.71	3.71	0.62	0.82

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5210MHz

15/01/2024

CF (Hz)
5.21G

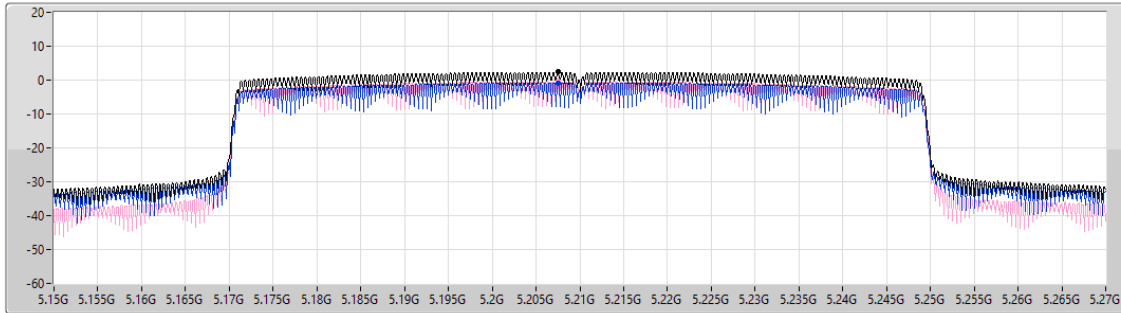
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
60

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.37	2.37	-0.82	-0.46

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5775MHz

16/01/2024

CF (Hz)
5.775G

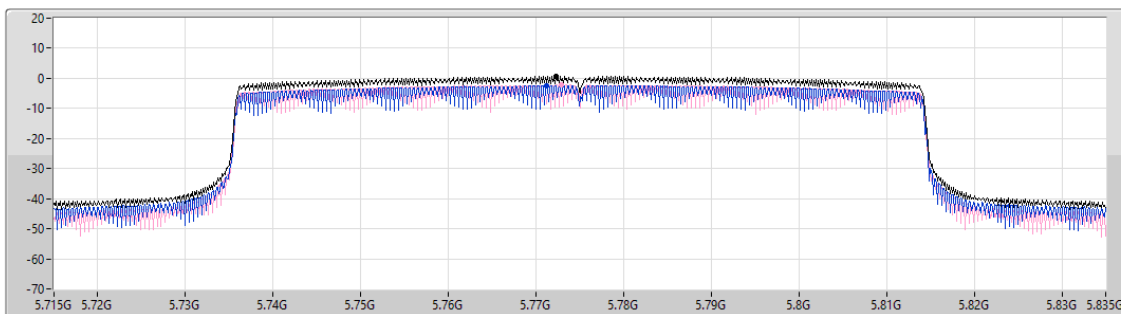
Span (Hz)
120M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
60

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.61	0.61	-2.46	-2.28

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_2TX	-4.32	4.89
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	7.70	16.91
802.11ax HEW20_Nss1,(MCS0)_2TX	7.69	16.90
802.11ax HEW40_Nss1,(MCS0)_2TX	5.33	14.54
802.11ax HEW80_Nss1,(MCS0)_2TX	-1.67	7.54
802.11ax HEW160_Nss1,(MCS0)_2TX	-4.36	4.85
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	7.78	16.99
802.11ax HEW20_Nss1,(MCS0)_2TX	7.60	16.81
802.11ax HEW40_Nss1,(MCS0)_2TX	5.27	14.48
802.11ax HEW80_Nss1,(MCS0)_2TX	2.00	11.21
802.11ax HEW160_Nss1,(MCS0)_2TX	-4.07	5.14
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	5.56	14.77
802.11ax HEW20_Nss1,(MCS0)_2TX	5.52	14.73
802.11ax HEW40_Nss1,(MCS0)_2TX	2.10	11.31
802.11ax HEW80_Nss1,(MCS0)_2TX	-1.39	7.82

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	9.21	4.35	4.59	7.43	7.79	16.64	17.00
5300MHz	Pass	9.21	4.66	4.82	7.67	7.79	16.88	17.00
5320MHz	Pass	9.21	4.58	4.93	7.70	7.79	16.91	17.00
5500MHz	Pass	9.21	4.77	4.93	7.78	7.79	16.99	17.00
5580MHz	Pass	9.21	4.59	4.83	7.67	7.79	16.88	17.00
5700MHz	Pass	9.21	4.27	4.36	7.27	7.79	16.48	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	9.21	4.38	4.59	7.41	7.79	16.62	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	9.21	2.49	2.73	5.56	26.79	14.77	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	9.21	4.35	4.63	7.50	7.79	16.71	17.00
5300MHz	Pass	9.21	4.64	4.78	7.69	7.79	16.90	17.00
5320MHz	Pass	9.21	4.15	4.36	7.25	7.79	16.46	17.00
5500MHz	Pass	9.21	4.18	4.32	7.21	7.79	16.42	17.00
5580MHz	Pass	9.21	4.60	4.73	7.60	7.79	16.81	17.00
5700MHz	Pass	9.21	3.71	3.88	6.79	7.79	16.00	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	9.21	4.35	4.64	7.48	7.79	16.69	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	9.21	2.48	2.61	5.52	26.79	14.73	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	9.21	2.26	2.41	5.33	7.79	14.54	17.00
5310MHz	Pass	9.21	-0.20	-0.06	2.85	7.79	12.06	17.00
5510MHz	Pass	9.21	-2.89	-2.67	0.20	7.79	9.41	17.00
5550MHz	Pass	9.21	2.17	2.38	5.27	7.79	14.48	17.00
5670MHz	Pass	9.21	1.95	2.13	5.04	7.79	14.25	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	9.21	1.85	2.12	4.98	7.79	14.19	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	9.21	-0.94	-0.84	2.10	26.79	11.31	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	9.21	-4.72	-4.56	-1.67	7.79	7.54	17.00
5530MHz	Pass	9.21	-5.00	-4.65	-1.87	7.79	7.34	17.00
5610MHz	Pass	9.21	-1.10	-0.86	2.00	7.79	11.21	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	9.21	-1.06	-1.04	1.95	7.79	11.16	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	9.21	-4.34	-4.42	-1.39	26.79	7.82	36.00
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	9.21	-7.37	-7.29	-4.32	7.79	4.89	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	9.21	-7.37	-7.28	-4.36	7.79	4.85	17.00
5570MHz	Pass	9.21	-7.14	-6.96	-4.07	7.79	5.14	17.00

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

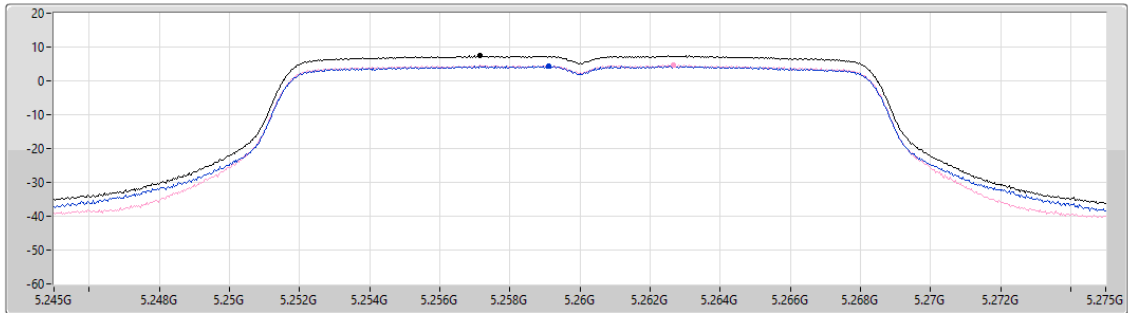
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5260MHz

15/01/2024

CF (Hz)
5.26G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20.487
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.43	7.43	4.35	4.59

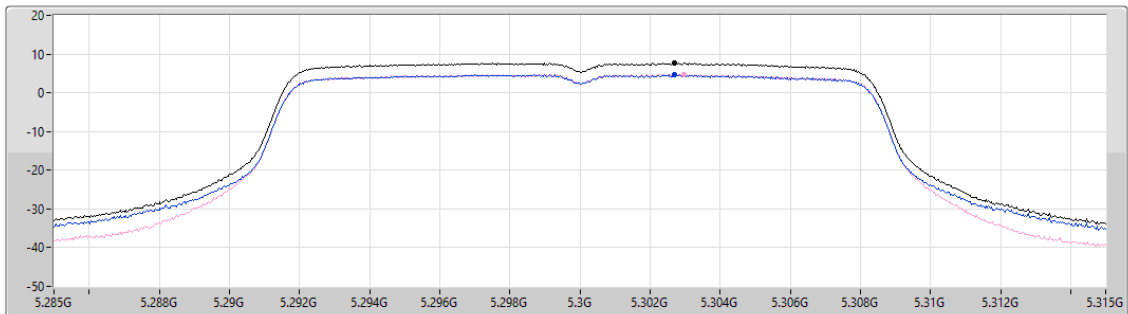
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5300MHz

15/01/2024

CF (Hz)
5.3G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20.487
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.67	7.67	4.66	4.82

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5320MHz

15/01/2024

CF (Hz)
5.32G

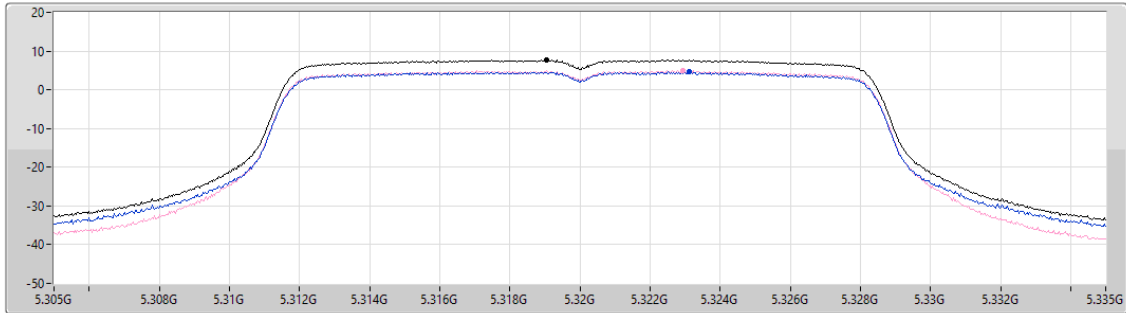
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20.487

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.70	7.70	4.58	4.93

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5500MHz

15/01/2024

CF (Hz)
5.5G

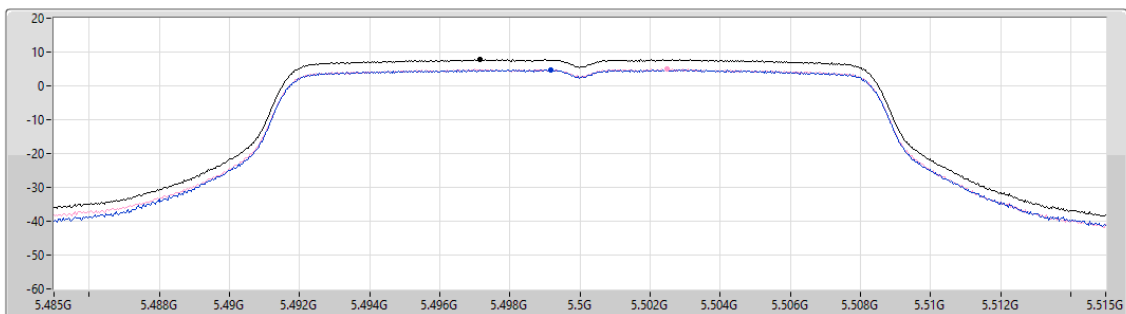
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20.487

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.78	7.78	4.77	4.93

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5580MHz

15/01/2024

CF (Hz)
5.58G

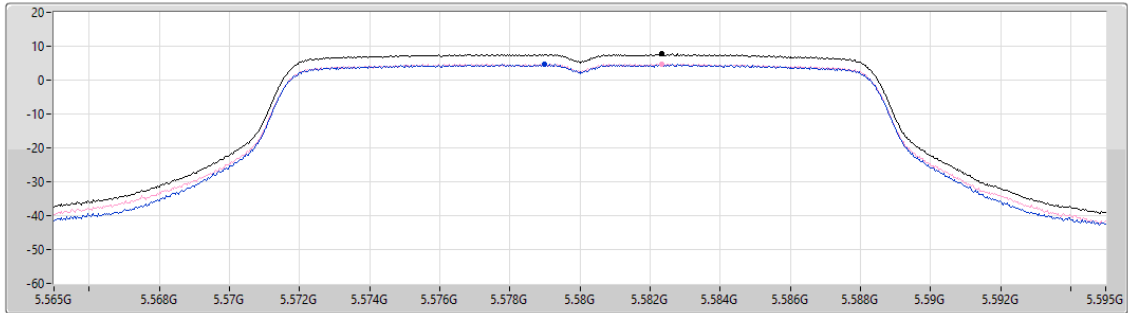
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20.487

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.67	7.67	4.59	4.83

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5700MHz

16/01/2024

CF (Hz)
5.7G

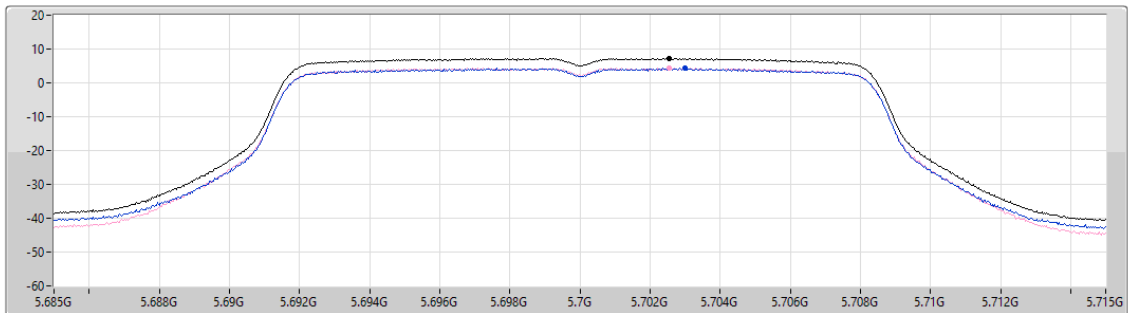
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20.487

Detector Type
RMS



Sum 

Port 1 

Port 2 

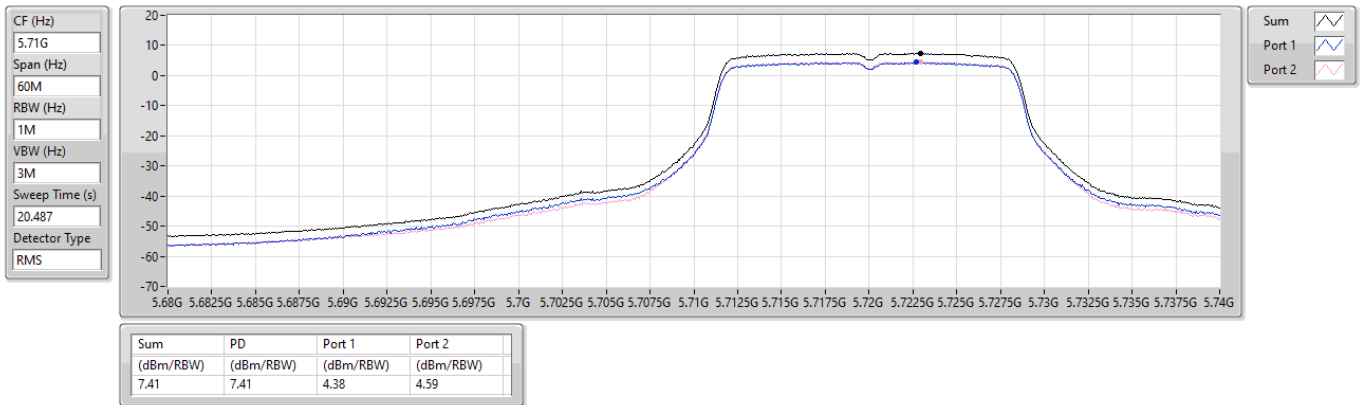
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.27	7.27	4.27	4.36

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

15/01/2024

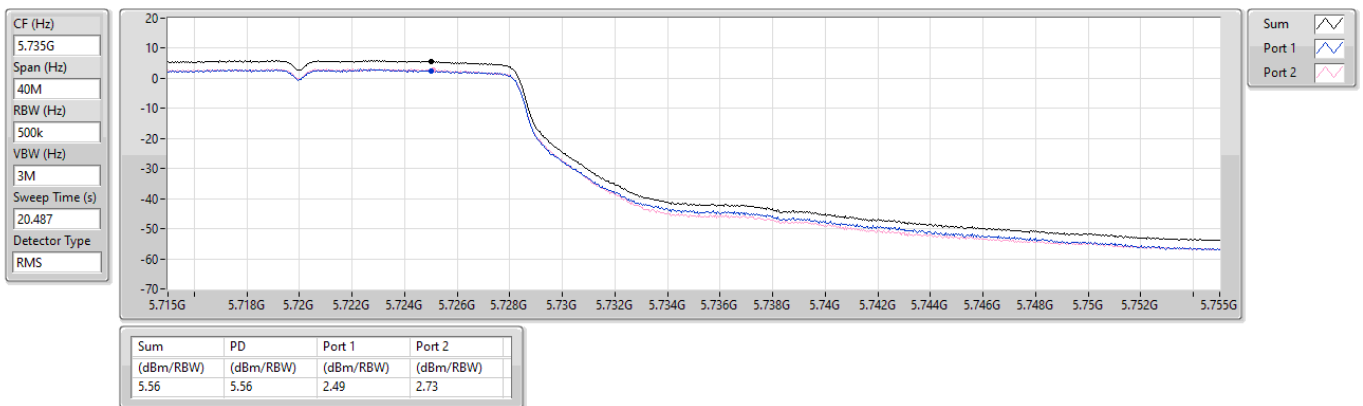


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

15/01/2024



5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5260MHz

15/01/2024

CF (Hz)
5.26G

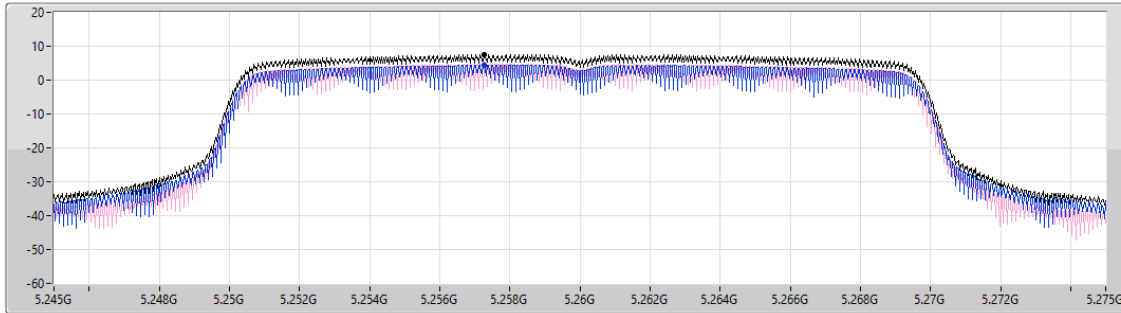
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
60

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.50	7.50	4.35	4.63

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5300MHz

15/01/2024

CF (Hz)
5.3G

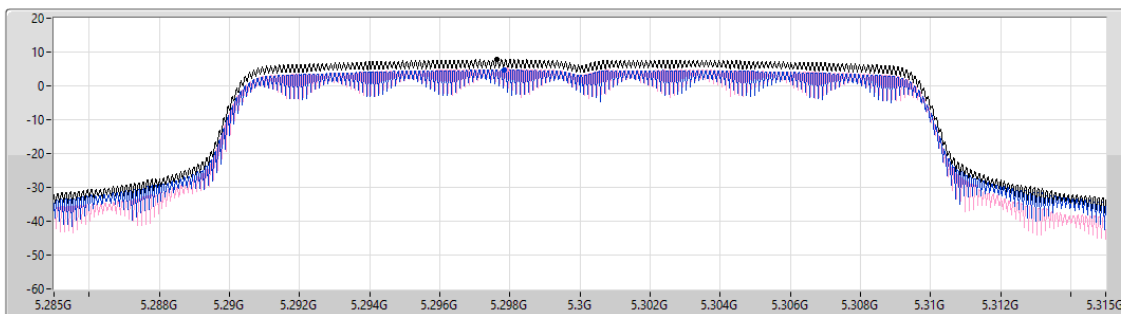
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
60

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.69	7.69	4.64	4.78

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5320MHz

15/01/2024

CF (Hz)
5.32G

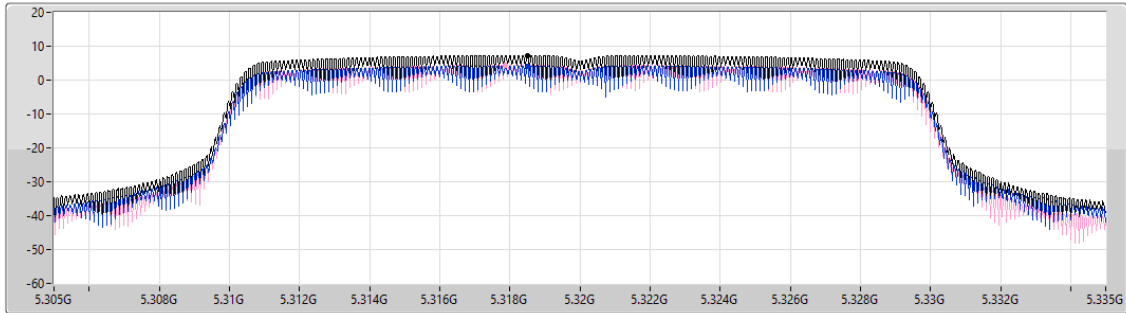
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
60

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
7.25	7.25	4.15	4.36

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5500MHz

15/01/2024

CF (Hz)
5.5G

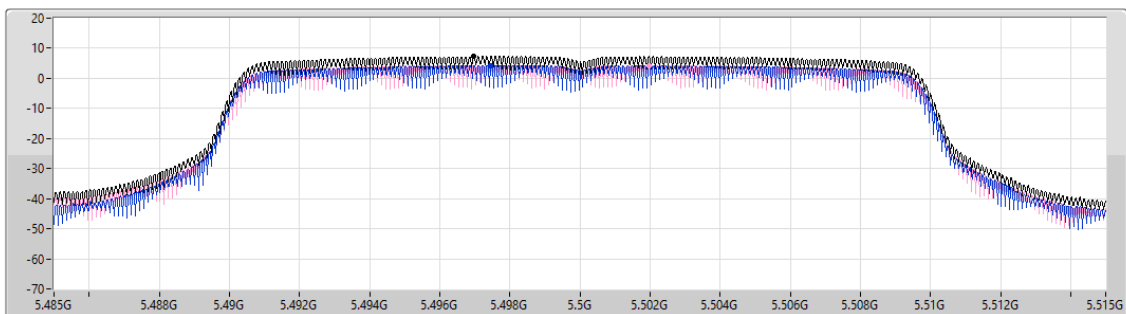
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
60

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
7.21	7.21	4.18	4.32

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5580MHz

15/01/2024

CF (Hz)
5.58G

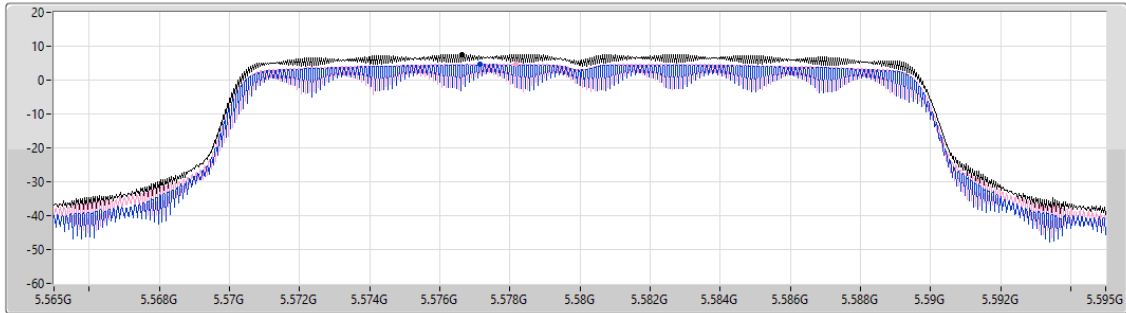
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
60

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.60	7.60	4.60	4.73

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5700MHz

15/01/2024

CF (Hz)
5.7G

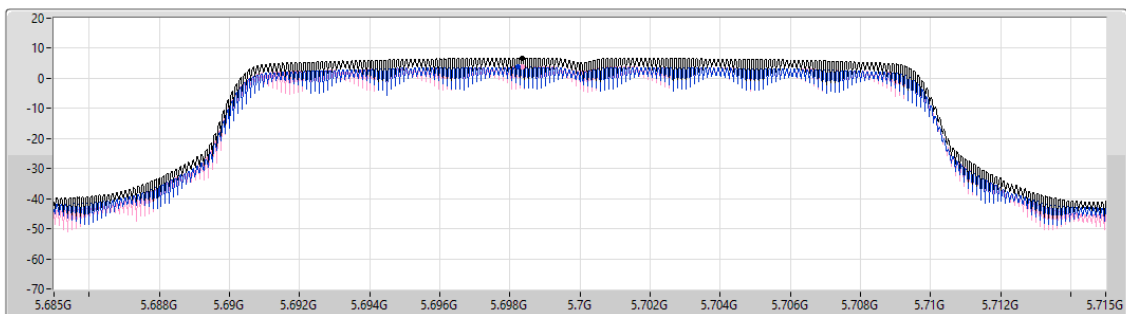
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
60

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

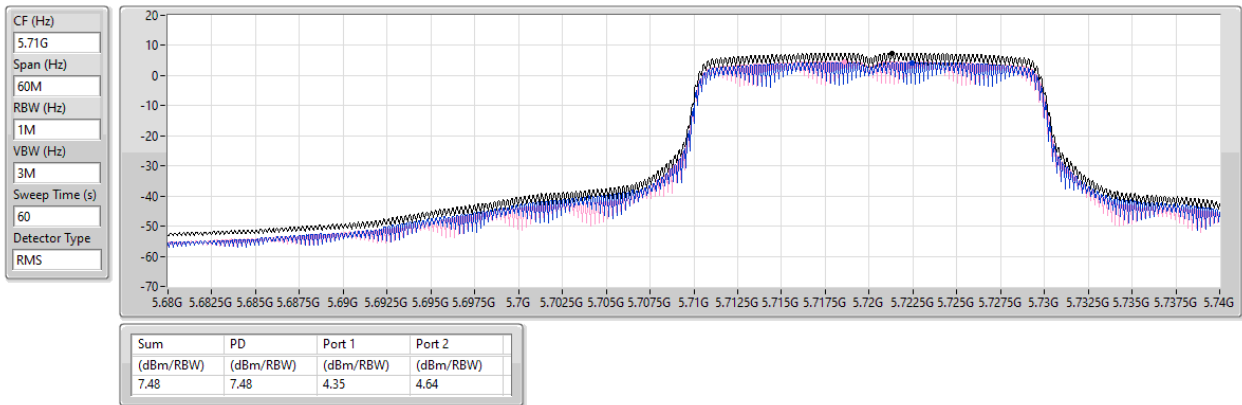
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.79	6.79	3.71	3.88

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

15/01/2024

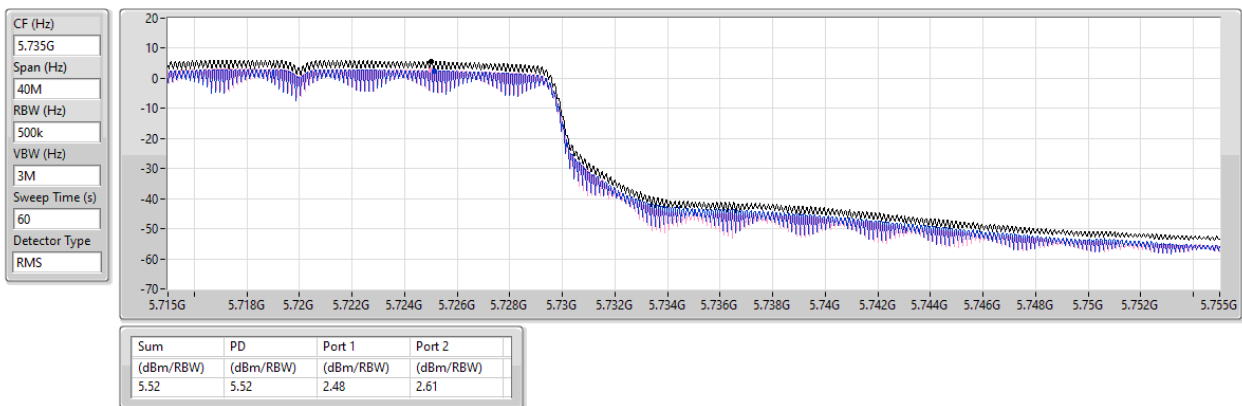


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

15/01/2024



5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

PSD

5270MHz

15/01/2024

CF (Hz)
5.27G

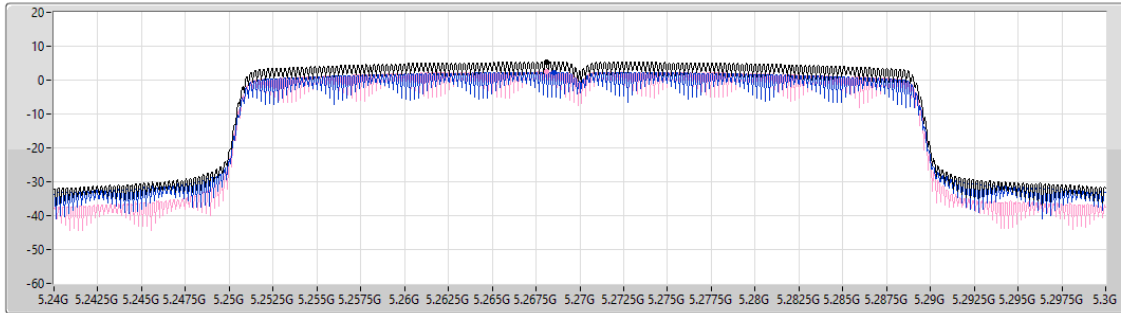
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
60

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.33	5.33	2.26	2.41

5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

PSD

5310MHz

15/01/2024

CF (Hz)
5.31G

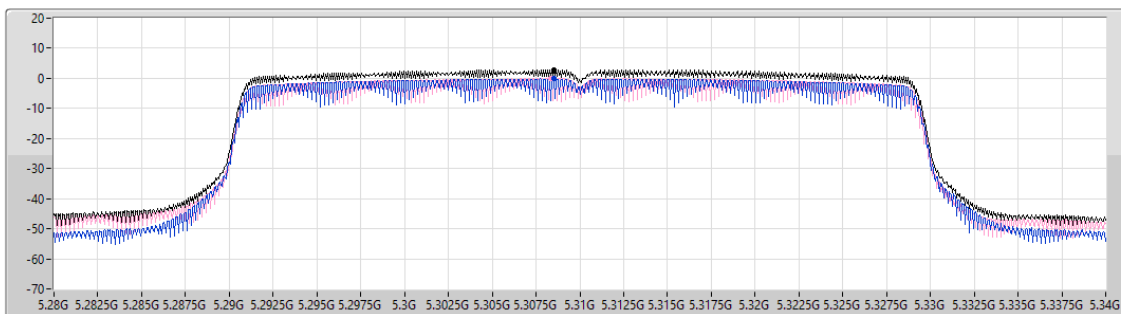
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
60

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.85	2.85	-0.20	-0.06

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5510MHz

15/01/2024

CF (Hz)
5.51G

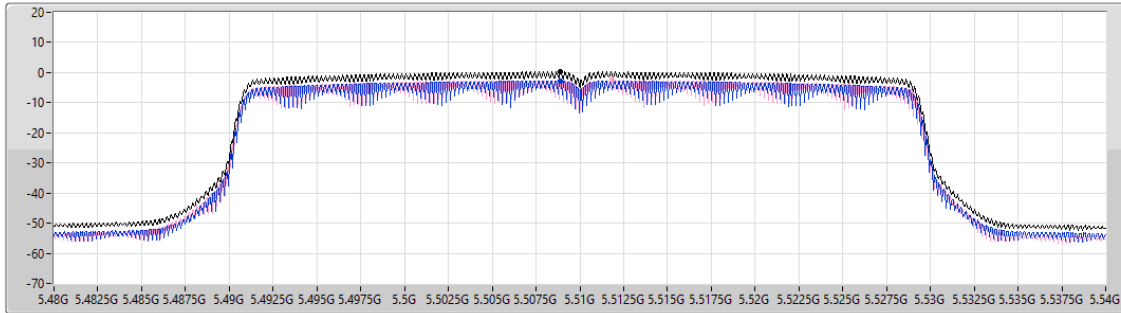
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
60

Detector Type
RMS



Sum ☒

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.20	0.20	-2.89	-2.67

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5550MHz

15/01/2024

CF (Hz)
5.55G

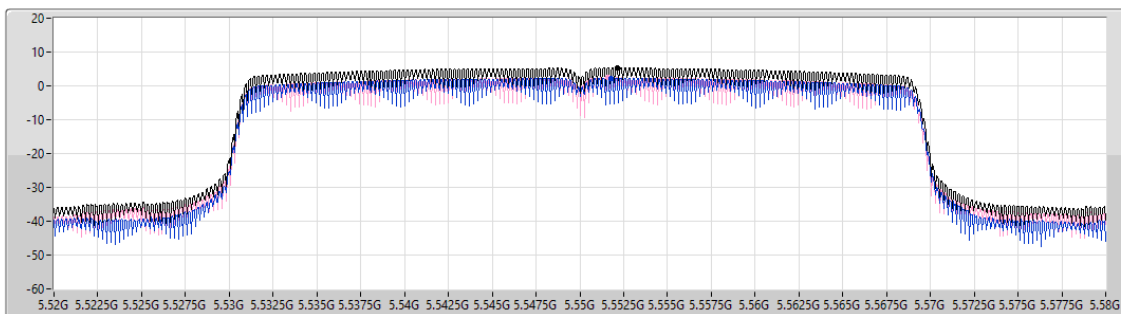
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
60

Detector Type
RMS



Sum ☒

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.27	5.27	2.17	2.38

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5670MHz

15/01/2024

CF (Hz)
5.67G

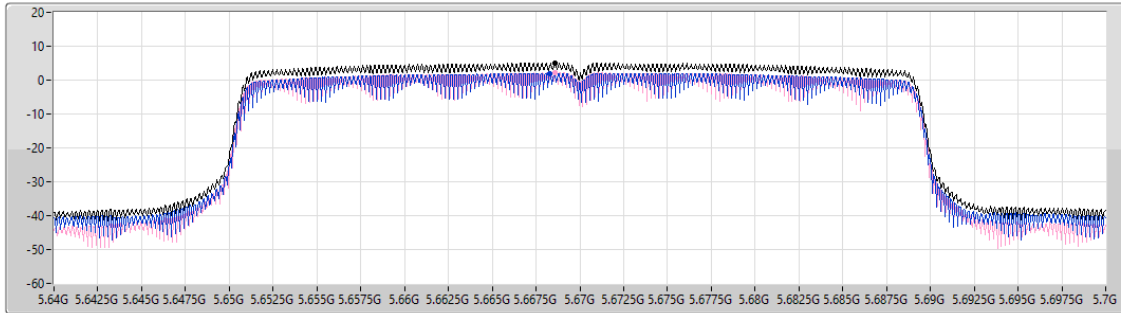
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
60

Detector Type
RMS



Sum ☒

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.04	5.04	1.95	2.13

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

15/01/2024

CF (Hz)
5.69G

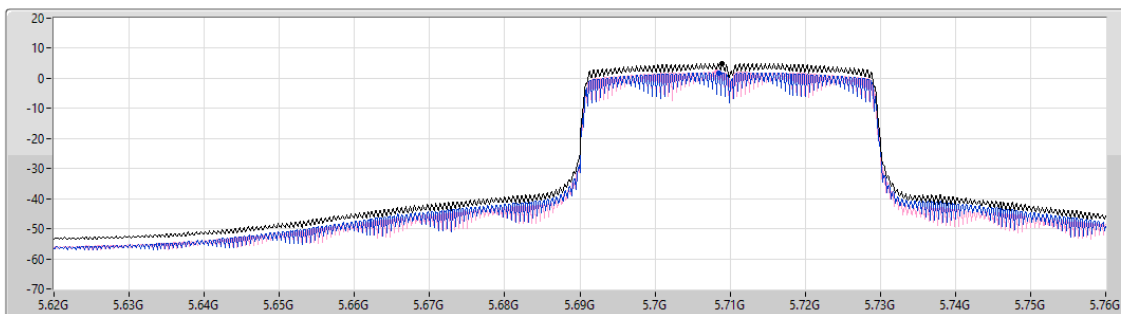
Span (Hz)
140M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
60

Detector Type
RMS



Sum ☒

Port 1 ☐

Port 2 ☐

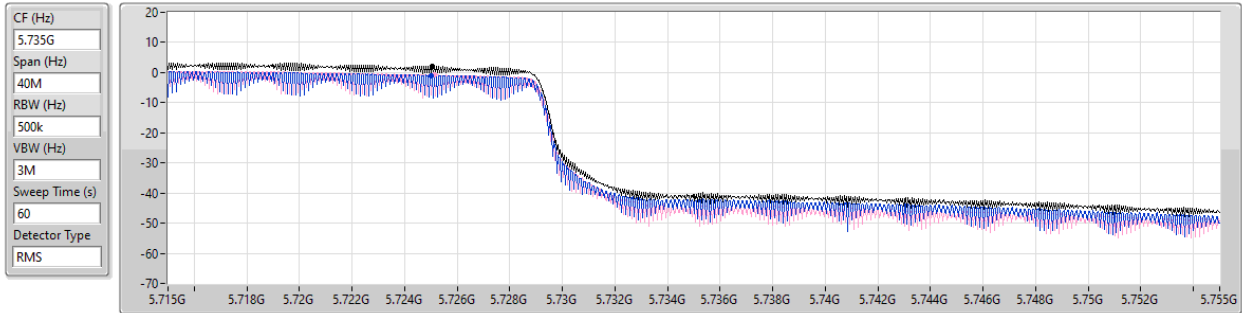
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.98	4.98	1.85	2.12

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

15/01/2024



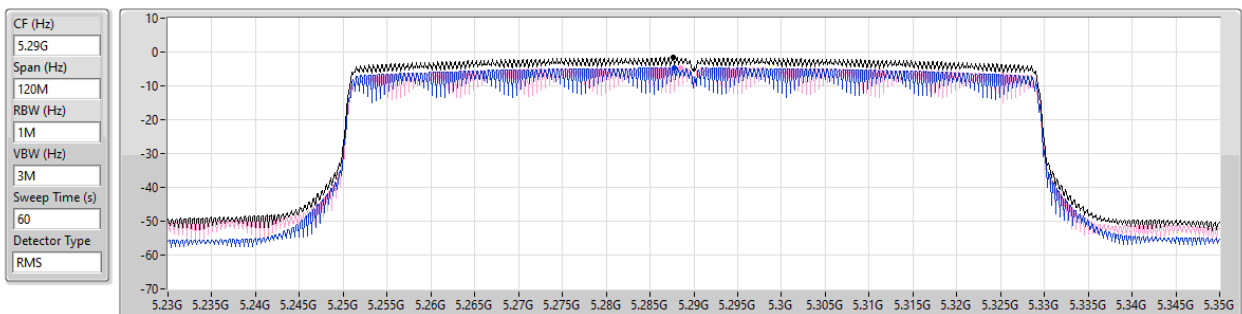
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.10	2.10	-0.94	-0.84

5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5290MHz

15/01/2024



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.67	-1.67	-4.72	-4.56

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5530MHz

15/01/2024

CF (Hz)
5.53G

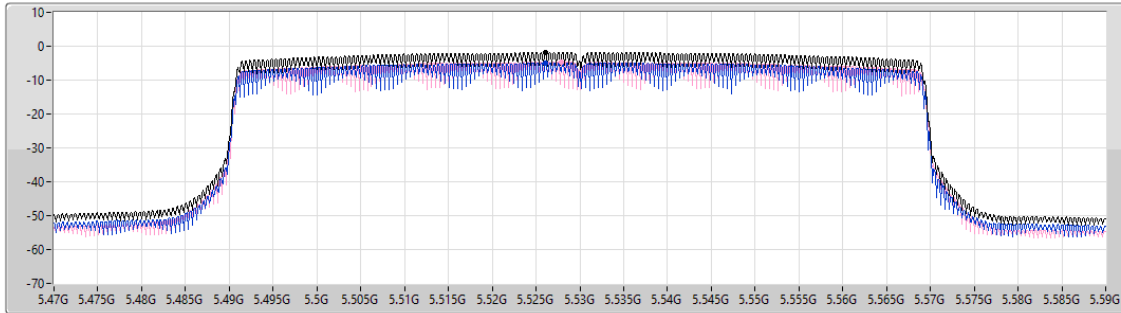
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
60

Detector Type
RMS



Sum ☒

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.87	-1.87	-5.00	-4.65

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5610MHz

16/01/2024

CF (Hz)
5.61G

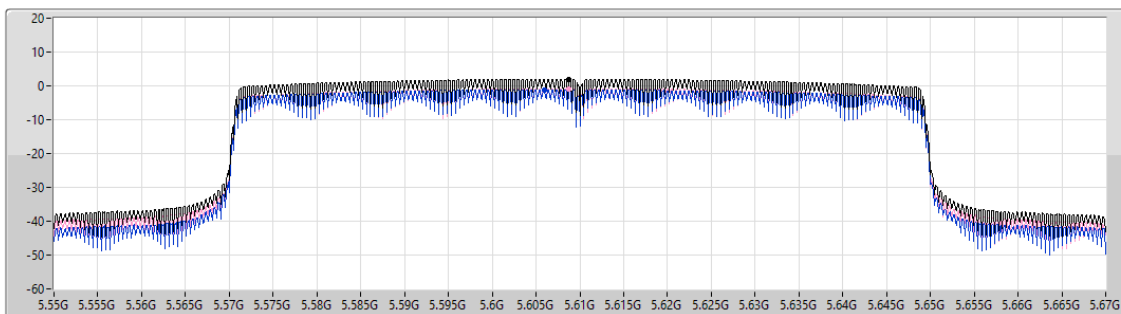
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
60

Detector Type
RMS



Sum ☒

Port 1 ☐

Port 2 ☐

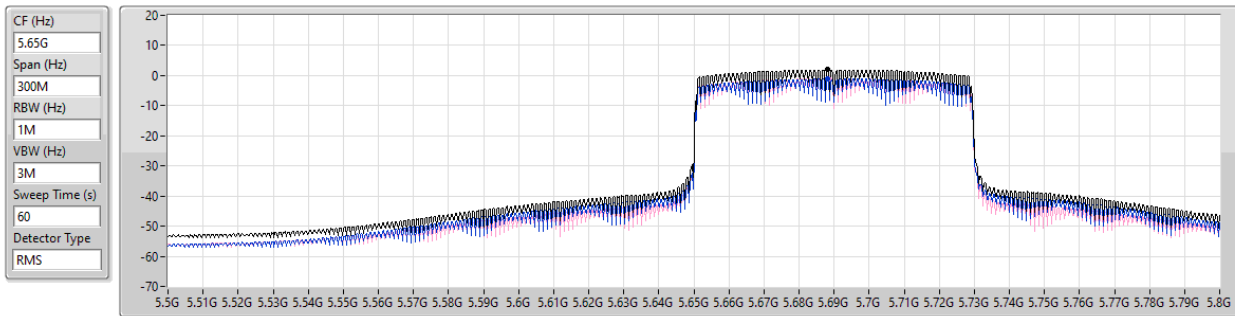
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.00	2.00	-1.10	-0.86

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

15/01/2024



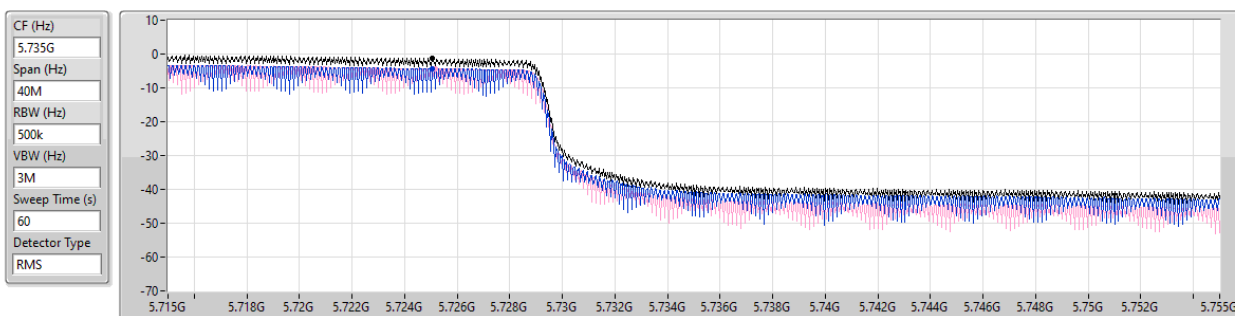
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.95	1.95	-1.06	-1.04

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

15/01/2024



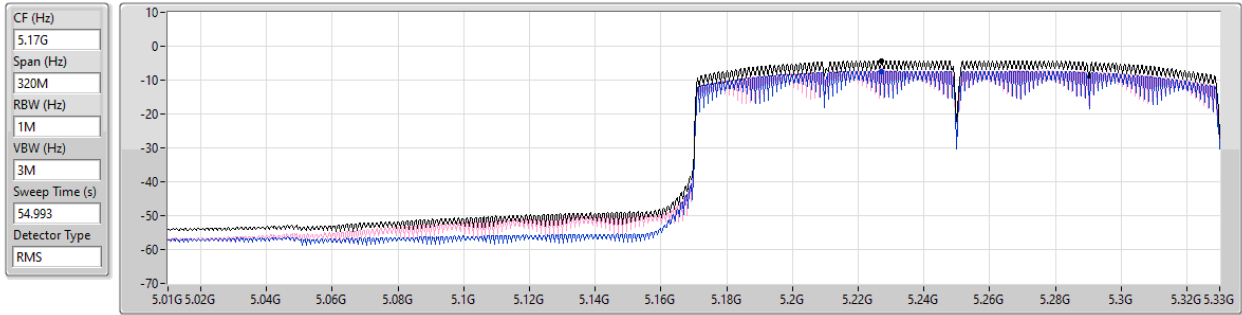
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.39	-1.39	-4.34	-4.42

5.15-5.25GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

PSD

5250MHz Straddle 5.15-5.25GHz

15/01/2024



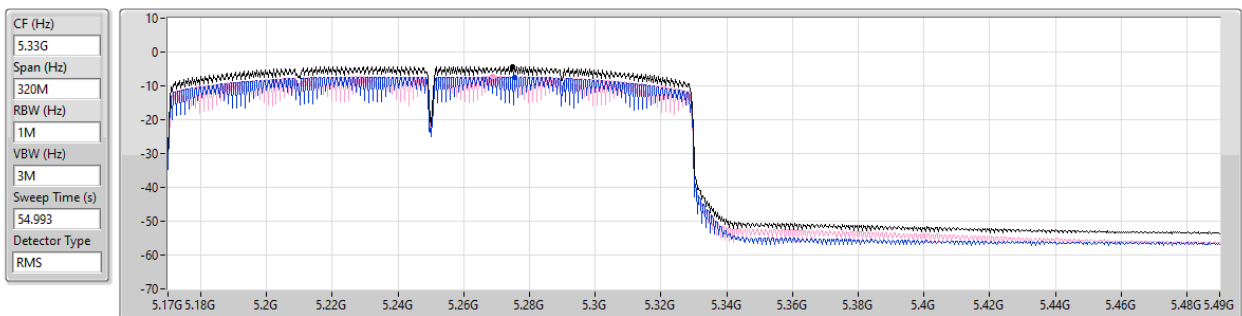
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.32	-4.32	-7.37	-7.29

5.25-5.35GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

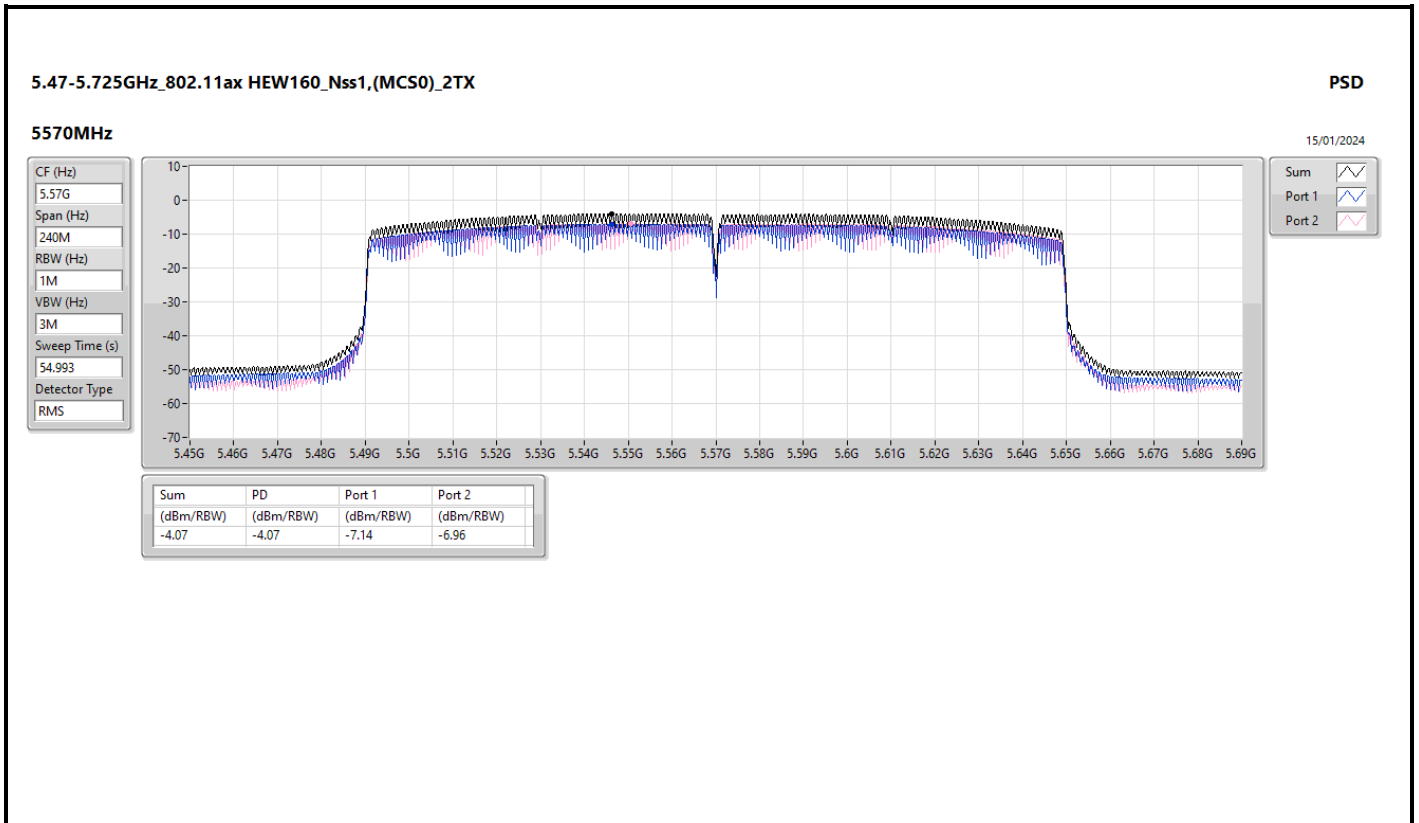
PSD

5250MHz Straddle 5.25-5.35GHz

15/01/2024



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.36	-4.36	-7.37	-7.28



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	8.37	16.32
802.11be EHT20_Nss1,(MCS0)_4TX	7.83	15.78
802.11be EHT40_Nss1,(MCS0)_4TX	4.58	12.53
802.11be EHT80_Nss1,(MCS0)_4TX	-1.00	6.95
802.11be EHT160_Nss1,(MCS0)_4TX	-5.22	2.73
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	8.46	15.77
802.11be EHT20_Nss1,(MCS0)_4TX	7.97	15.28
802.11be EHT40_Nss1,(MCS0)_4TX	4.50	11.81
802.11be EHT80_Nss1,(MCS0)_4TX	-0.11	7.20
802.11be EHT160_Nss1,(MCS0)_4TX	-5.16	2.15
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	8.19	16.62
802.11be EHT20_Nss1,(MCS0)_4TX	7.69	16.12
802.11be EHT40_Nss1,(MCS0)_4TX	4.35	12.78
802.11be EHT80_Nss1,(MCS0)_4TX	0.76	9.19
802.11be EHT160_Nss1,(MCS0)_4TX	-5.62	2.81
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	7.09	15.78
802.11be EHT20_Nss1,(MCS0)_4TX	6.57	15.26
802.11be EHT40_Nss1,(MCS0)_4TX	3.65	12.34
802.11be EHT80_Nss1,(MCS0)_4TX	0.33	9.02

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	7.95	2.31	2.18	2.58	2.51	8.37	15.05	16.32	Inf
5200MHz	Pass	7.95	1.96	2.09	2.99	2.23	8.28	15.05	16.23	Inf
5240MHz	Pass	7.95	2.21	2.24	2.32	2.09	8.16	15.05	16.11	Inf
5260MHz	Pass	7.31	2.05	2.32	2.36	2.13	8.17	9.69	15.48	Inf
5300MHz	Pass	7.31	2.28	2.57	2.82	2.34	8.46	9.69	15.77	Inf
5320MHz	Pass	7.31	2.19	2.36	2.52	2.09	8.19	9.69	15.50	Inf
5500MHz	Pass	8.43	1.76	1.85	2.24	1.91	7.90	8.57	16.33	Inf
5580MHz	Pass	8.43	1.83	1.79	2.24	2.11	7.96	8.57	16.39	Inf
5700MHz	Pass	8.43	2.13	2.34	2.47	1.76	8.19	8.57	16.62	Inf
5720MHz Straddle 5.47-5.725GHz	Pass	8.43	1.31	1.33	1.70	1.12	7.36	8.57	15.79	Inf
5720MHz Straddle 5.725-5.85GHz	Pass	8.69	-0.64	-0.37	-0.19	-0.46	5.52	27.31	14.21	Inf
5745MHz	Pass	8.69	0.85	0.92	1.12	0.82	6.89	27.31	15.58	Inf
5785MHz	Pass	8.69	0.94	1.11	1.36	0.99	7.09	27.31	15.78	Inf
5825MHz	Pass	8.69	0.65	1.01	1.20	0.53	6.81	27.31	15.50	Inf
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	7.95	1.82	1.63	2.06	1.97	7.83	15.05	15.78	Inf
5200MHz	Pass	7.95	1.54	1.55	2.45	1.62	7.80	15.05	15.75	Inf
5240MHz	Pass	7.95	1.62	1.74	1.74	1.68	7.67	15.05	15.62	Inf
5260MHz	Pass	7.31	1.50	1.82	1.88	1.57	7.67	9.69	14.98	Inf
5300MHz	Pass	7.31	1.74	2.07	2.29	1.84	7.97	9.69	15.28	Inf
5320MHz	Pass	7.31	1.61	1.90	1.95	1.55	7.73	9.69	15.04	Inf
5500MHz	Pass	8.43	1.30	1.34	1.81	1.40	7.44	8.57	15.87	Inf
5580MHz	Pass	8.43	1.37	1.31	1.75	1.53	7.46	8.57	15.89	Inf
5700MHz	Pass	8.43	1.68	1.81	1.98	1.33	7.69	8.57	16.12	Inf
5720MHz Straddle 5.47-5.725GHz	Pass	8.43	0.80	0.90	1.09	0.67	6.85	8.57	15.28	Inf
5720MHz Straddle 5.725-5.85GHz	Pass	8.69	-1.20	-0.96	-0.74	-1.12	5.00	27.31	13.69	Inf
5745MHz	Pass	8.69	0.41	0.44	0.69	0.35	6.46	27.31	15.15	Inf
5785MHz	Pass	8.69	0.32	0.61	0.84	0.54	6.57	27.31	15.26	Inf
5825MHz	Pass	8.69	0.20	0.62	0.77	0.19	6.43	27.31	15.12	Inf
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	7.95	-3.16	-2.91	-2.33	-3.18	3.10	15.05	11.05	Inf
5230MHz	Pass	7.95	-1.12	-1.19	-1.73	-1.33	4.58	15.05	12.53	Inf
5270MHz	Pass	7.31	-1.67	-1.53	-1.15	-1.61	4.50	9.69	11.81	Inf
5310MHz	Pass	7.31	-2.81	-2.69	-2.31	-2.81	3.32	9.69	10.63	Inf
5510MHz	Pass	8.43	-7.78	-7.92	-7.60	-7.83	-1.85	8.57	6.58	Inf
5550MHz	Pass	8.43	-2.32	-1.50	-1.01	-1.65	4.35	8.57	12.78	Inf
5670MHz	Pass	8.43	-6.51	-6.41	-6.04	-6.93	-0.49	8.57	7.94	Inf
5710MHz Straddle 5.47-5.725GHz	Pass	8.43	-1.70	-1.59	-1.49	-2.13	4.28	8.57	12.71	Inf
5710MHz Straddle 5.725-5.85GHz	Pass	8.69	-4.07	-3.80	-3.61	-4.09	2.08	27.31	10.77	Inf
5755MHz	Pass	8.69	-2.59	-2.42	-2.29	-2.90	3.43	27.31	12.12	Inf
5795MHz	Pass	8.69	-2.26	-2.60	-1.90	-2.56	3.65	27.31	12.34	Inf
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	7.95	-7.10	-6.76	-6.77	-7.06	-1.00	15.05	6.95	Inf
5290MHz	Pass	7.31	-6.26	-6.04	-5.67	-6.21	-0.11	9.69	7.20	Inf
5530MHz	Pass	8.43	-10.85	-10.63	-10.42	-10.67	-4.69	8.57	3.74	Inf
5610MHz	Pass	8.43	-5.95	-5.55	-5.41	-5.92	0.26	8.57	8.69	Inf
5690MHz Straddle 5.47-5.725GHz	Pass	8.43	-5.24	-5.22	-4.79	-5.73	0.76	8.57	9.19	Inf
5690MHz Straddle 5.725-5.85GHz	Pass	8.69	-8.09	-7.90	-7.51	-8.04	-1.91	27.31	6.78	Inf
5775MHz	Pass	8.69	-5.74	-5.52	-5.39	-5.90	0.33	27.31	9.02	Inf
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	-11.27	-11.09	-11.15	-11.13	-5.22	15.05	2.73	Inf
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	-11.29	-11.02	-11.02	-11.21	-5.16	9.69	2.15	Inf
5570MHz	Pass	8.43	-12.89	-11.51	-10.58	-11.63	-5.62	8.57	2.81	Inf

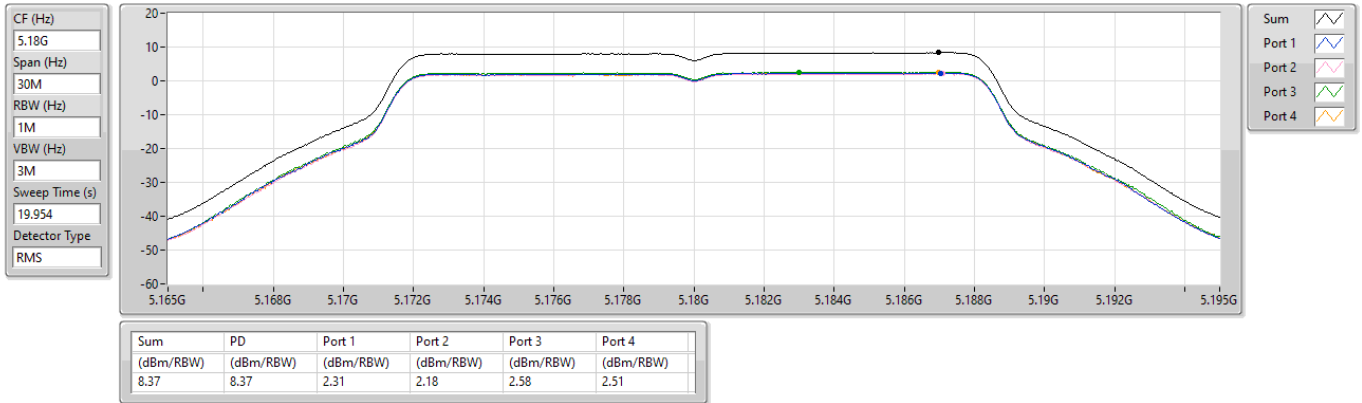
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5180MHz

05/11/2024

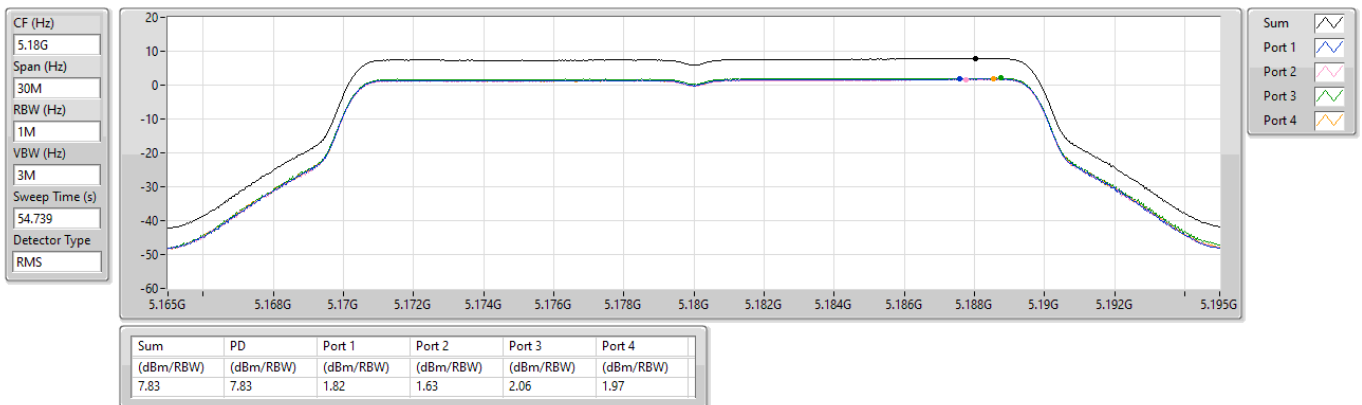


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5180MHz

05/11/2024



5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5230MHz

05/11/2024

CF (Hz)
5.23G

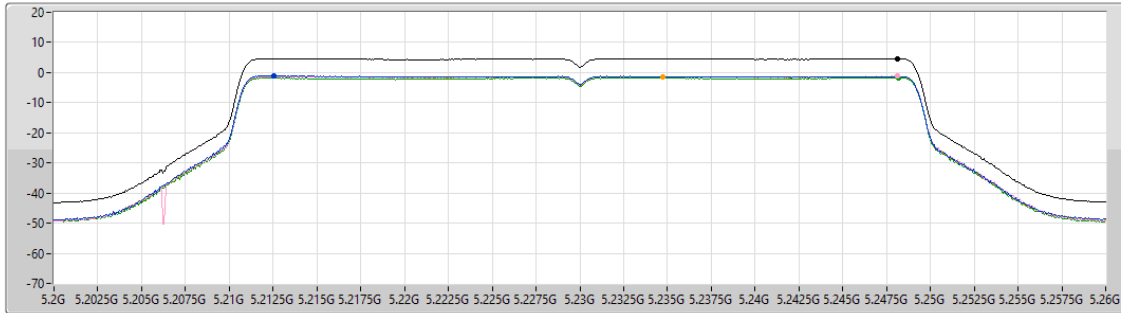
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.739

Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.58	4.58	-1.12	-1.19	-1.73	-1.33

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5210MHz

05/11/2024

CF (Hz)
5.21G

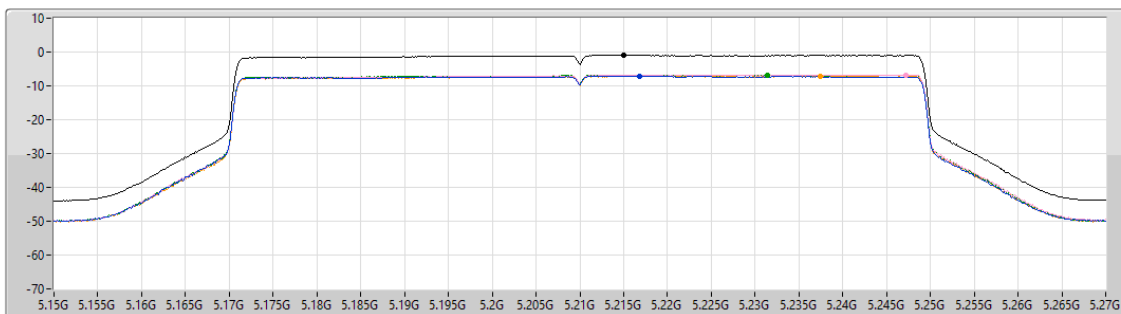
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.992

Detector Type
RMS



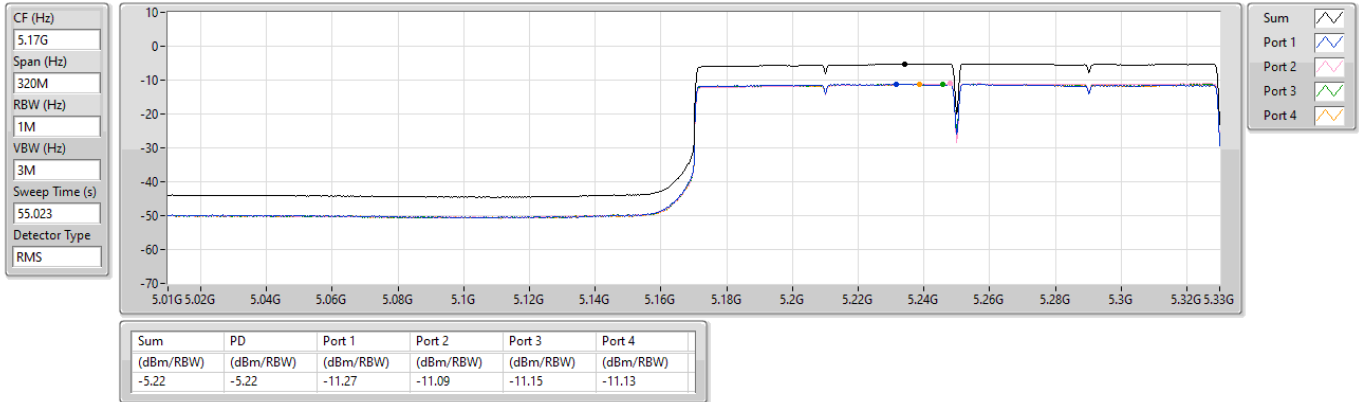
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.00	-1.00	-7.10	-6.76	-6.77	-7.06

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

05/11/2024

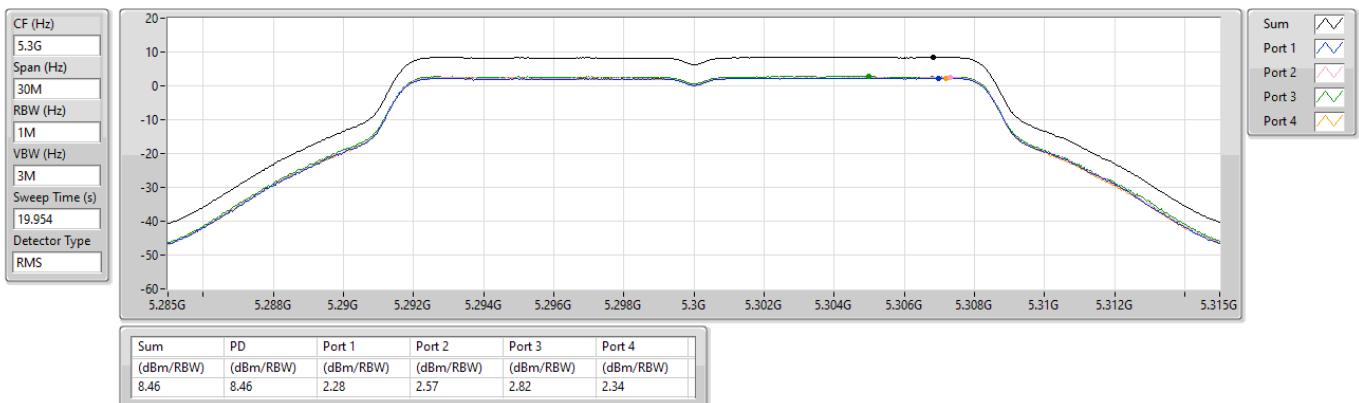


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

05/11/2024



5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5300MHz

05/11/2024

CF (Hz)
5.3G

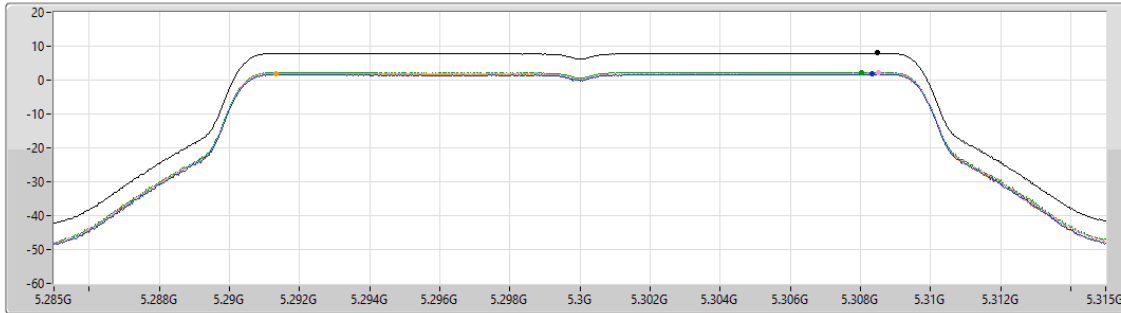
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.739

Detector Type
RMS



Sum 

Port 1 

Port 2 

Port 3 

Port 4 

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.97	7.97	1.74	2.07	2.29	1.84

5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5270MHz

05/11/2024

CF (Hz)
5.27G

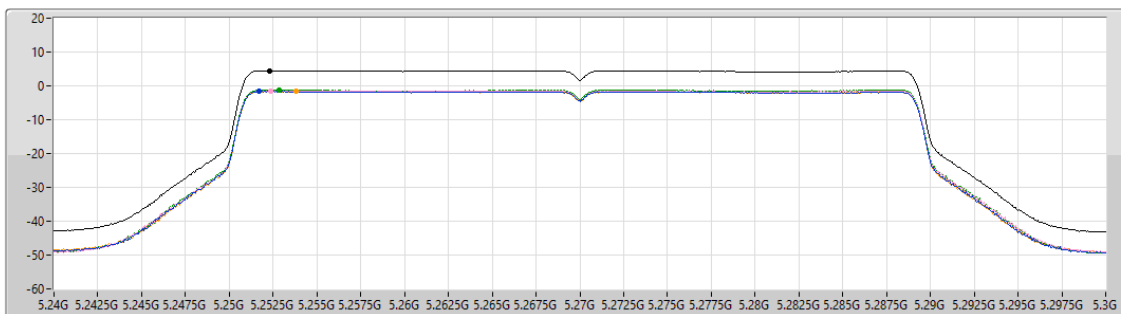
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.739

Detector Type
RMS



Sum 

Port 1 

Port 2 

Port 3 

Port 4 

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.50	4.50	-1.67	-1.53	-1.15	-1.61

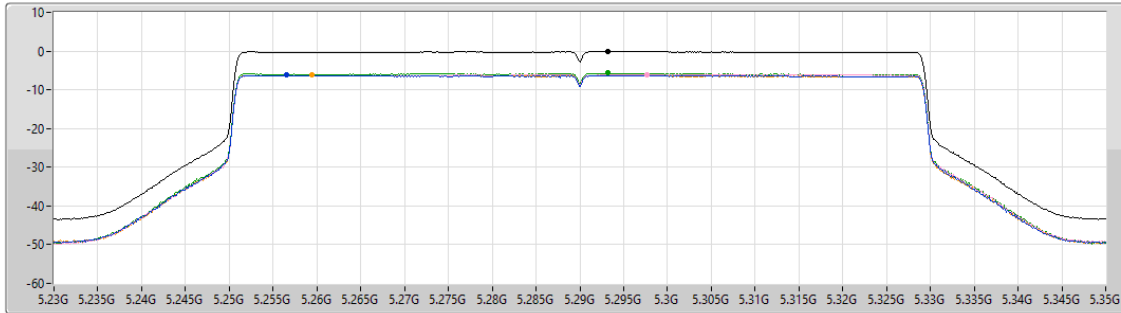
5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5290MHz

05/11/2024

CF (Hz)
5.29G
Span (Hz)
120M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
54.992
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.11	-0.11	-6.26	-6.04	-5.67	-6.21

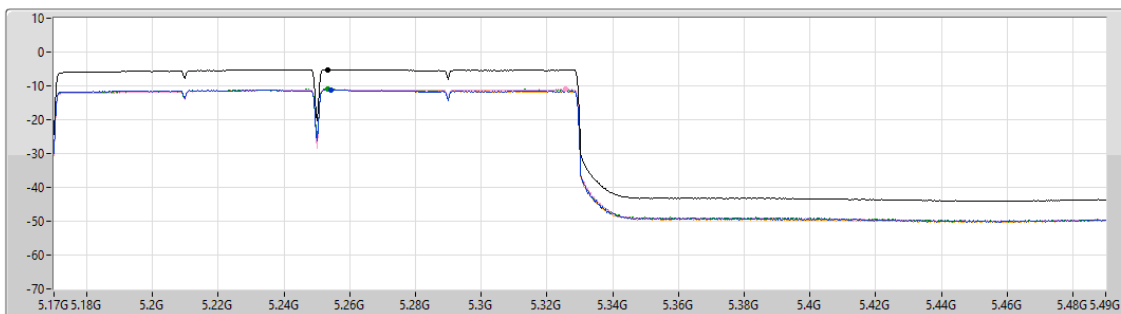
5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

05/11/2024

CF (Hz)
5.33G
Span (Hz)
320M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
55.023
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.16	-5.16	-11.29	-11.02	-11.02	-11.21

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

05/11/2024

CF (Hz)
5.7G

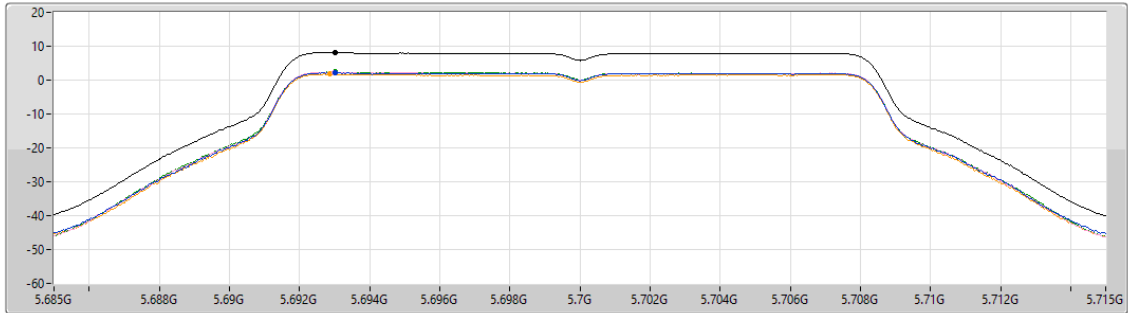
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
19.954

Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.19	8.19	2.13	2.34	2.47	1.76

Sum

Port 1

Port 2

Port 3

Port 4

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5700MHz

05/11/2024

CF (Hz)
5.7G

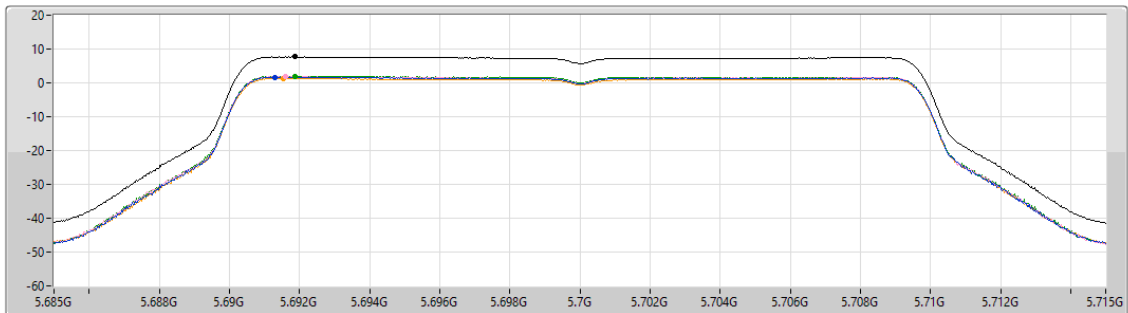
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.739

Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.69	7.69	1.68	1.81	1.98	1.33

Sum

Port 1

Port 2

Port 3

Port 4

5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5550MHz

05/11/2024

CF (Hz)
5.55G

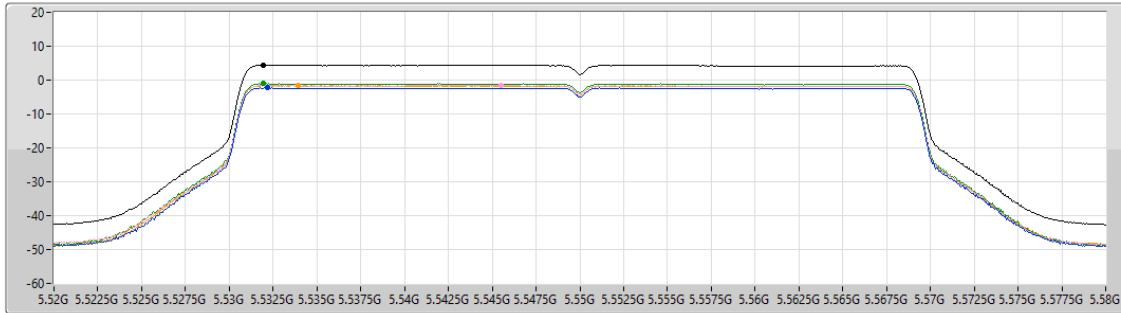
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.739

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Port 3 ☒

Port 4 ☒

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.35	4.35	-2.32	-1.50	-1.01	-1.65

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

05/11/2024

CF (Hz)
5.65G

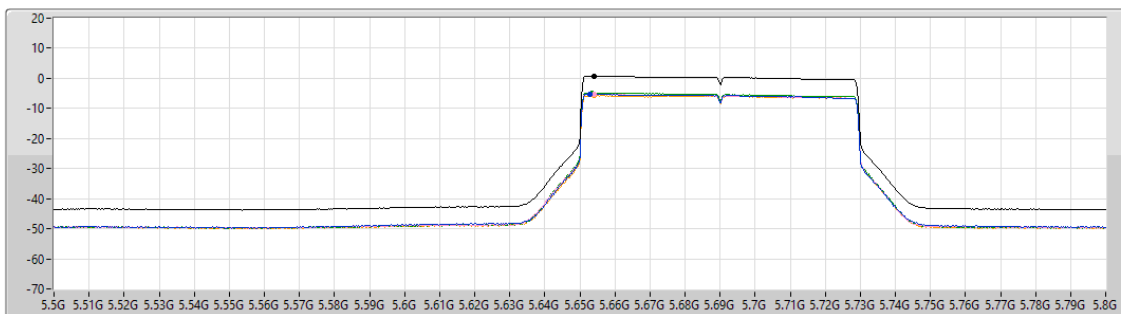
Span (Hz)
300M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.992

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Port 3 ☒

Port 4 ☒

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.76	0.76	-5.24	-5.22	-4.79	-5.73

5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_4TX

PSD

5570MHz

05/11/2024

CF (Hz)
5.57G

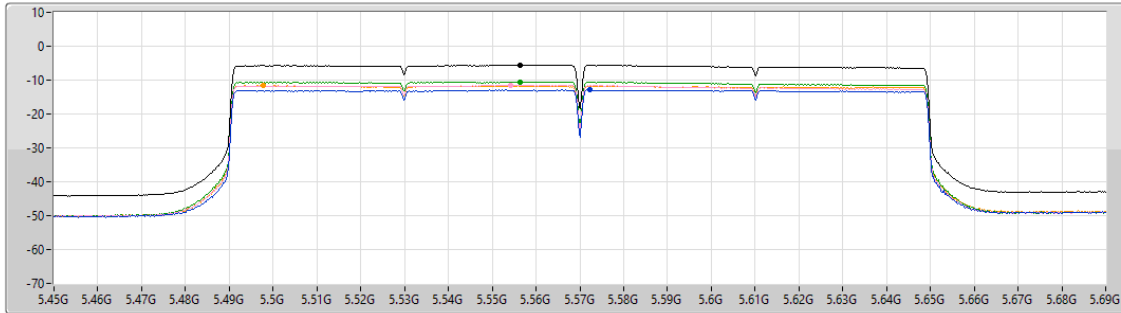
Span (Hz)
240M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
55.023

Detector Type
RMS



Sum

Port 1

Port 2

Port 3

Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.62	-5.62	-12.89	-11.51	-10.58	-11.63

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5785MHz

05/11/2024

CF (Hz)
5.785G

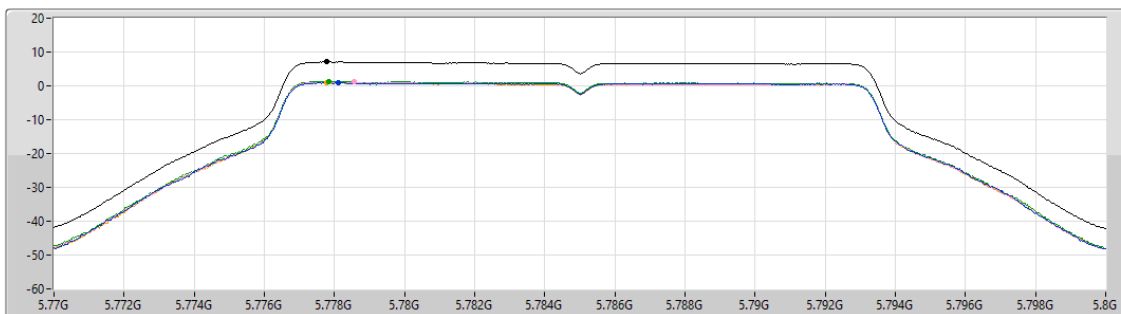
Span (Hz)
30M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
19.954

Detector Type
RMS



Sum

Port 1

Port 2

Port 3

Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.09	7.09	0.94	1.11	1.36	0.99

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5785MHz

05/11/2024

CF (Hz)
5.785G

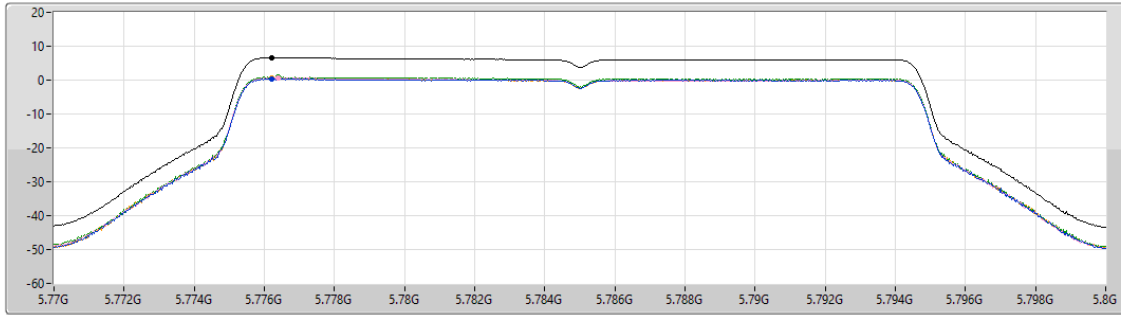
Span (Hz)
30M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
54.739

Detector Type
RMS



Sum

Port 1

Port 2

Port 3

Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.57	6.57	0.32	0.61	0.84	0.54

5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5795MHz

05/11/2024

CF (Hz)
5.795G

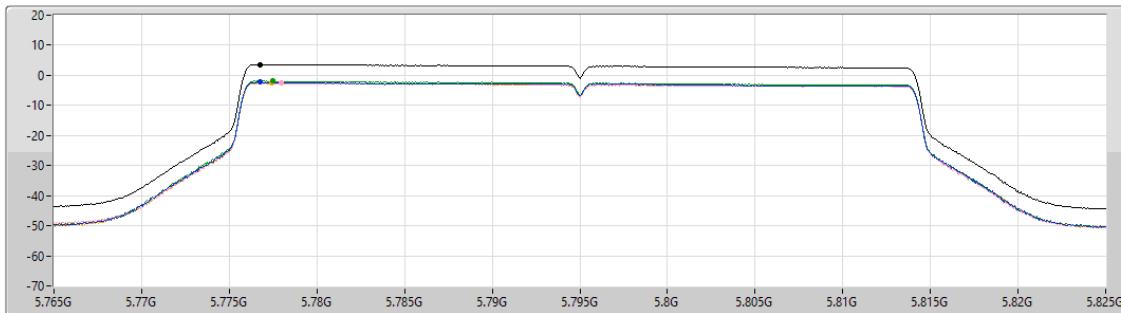
Span (Hz)
60M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
54.739

Detector Type
RMS



Sum

Port 1

Port 2

Port 3

Port 4

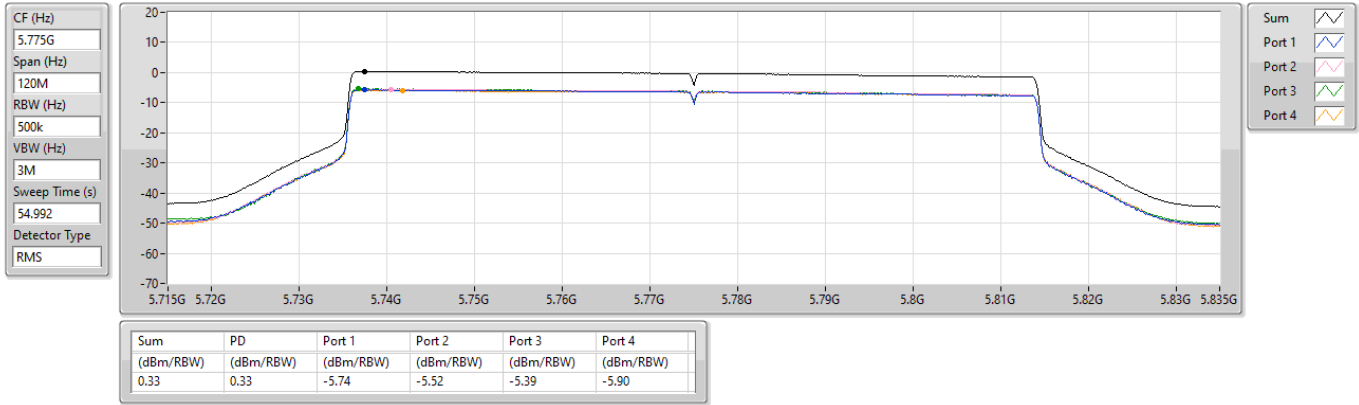
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.65	3.65	-2.26	-2.60	-1.90	-2.56

5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5775MHz

05/11/2024





Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-1.30	6.65
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX	-5.62	2.33
5.25-5.35GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-0.30	7.01
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX	-5.31	2.00
5.47-5.725GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	0.68	9.11
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	-5.70	2.73
5.725-5.85GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	0.19	8.88

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)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	7.95	-7.48	-7.05	-7.26	-7.28	-1.51	15.05	6.44	Inf
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	7.95	-7.25	-6.82	-6.94	-7.13	-1.30	15.05	6.65	Inf
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	7.31	-6.09	-5.98	-6.07	-6.36	-0.33	9.69	6.98	Inf
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	7.31	-6.03	-5.92	-6.13	-6.16	-0.30	9.69	7.01	Inf
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	8.43	-11.02	-11.04	-11.10	-11.10	-5.19	8.57	3.24	Inf
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	8.43	-10.51	-10.32	-10.61	-10.65	-4.80	8.57	3.63	Inf
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-	-	-	-	-	-	-	-	-	-
5610MHz	Pass	8.43	-6.01	-5.76	-6.02	-6.05	-0.04	8.57	8.39	Inf
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-	-	-
5610MHz	Pass	8.43	-5.83	-5.69	-5.87	-6.07	0.03	8.57	8.46	Inf
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	8.43	-4.98	-5.13	-5.19	-5.71	0.68	8.57	9.11	Inf
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	8.43	-4.82	-5.13	-5.16	-5.49	0.67	8.57	9.10	Inf
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	8.69	-7.69	-8.26	-8.39	-7.95	-2.35	27.31	6.34	Inf
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	8.69	-7.57	-8.10	-8.29	-7.62	-2.10	27.31	6.59	Inf
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	8.69	-5.33	-5.68	-5.69	-5.64	0.19	27.31	8.88	Inf
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	8.69	-5.59	-5.85	-6.00	-6.04	0.07	27.31	8.76	Inf
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	-11.40	-12.08	-11.87	-11.93	-6.04	15.05	1.91	Inf
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	-11.54	-11.56	-11.53	-11.62	-5.82	15.05	2.13	Inf
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	-11.34	-11.64	-11.52	-11.46	-5.62	15.05	2.33	Inf
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	-11.51	-11.19	-11.32	-11.67	-5.62	9.69	1.69	Inf
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	-11.60	-10.88	-11.22	-11.66	-5.69	9.69	1.62	Inf
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	-11.49	-10.75	-10.97	-11.41	-5.31	9.69	2.00	Inf
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	8.43	-11.80	-11.15	-11.74	-11.80	-5.70	8.57	2.73	Inf
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	8.43	-11.63	-11.18	-11.70	-11.94	-5.79	8.57	2.64	Inf
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	8.43	-12.13	-11.36	-11.70	-12.07	-5.90	8.57	2.53	Inf

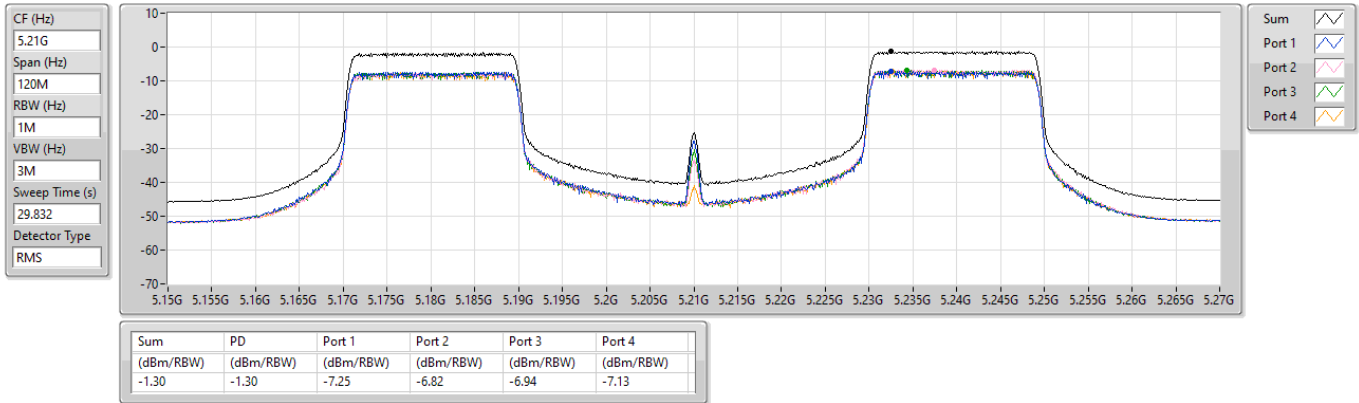
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX

PSD

5210MHz

27/11/2024

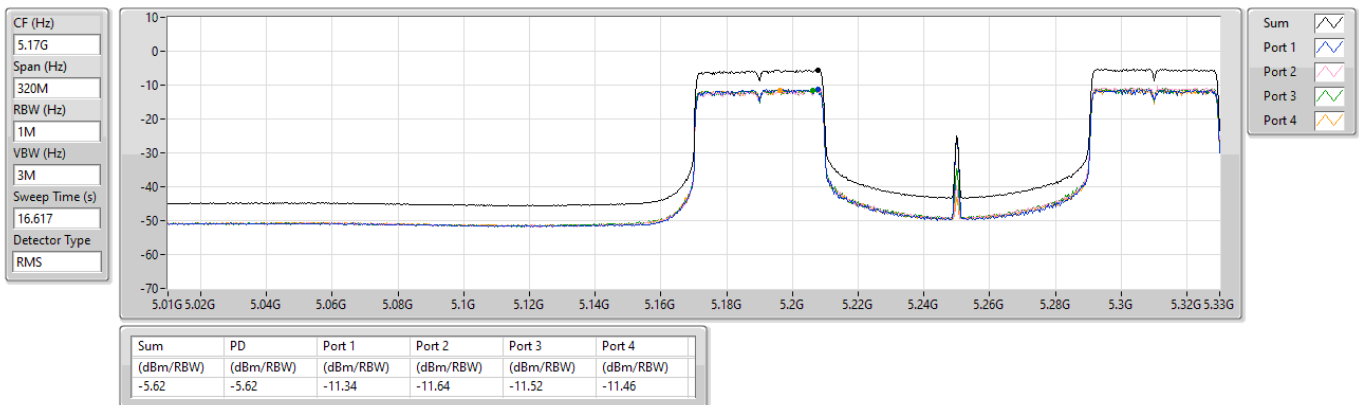


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

27/11/2024

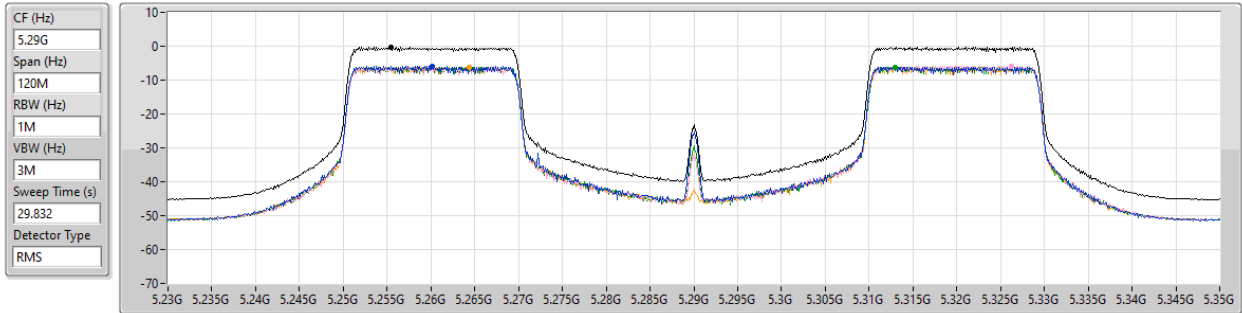


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX

PSD

5290MHz

27/11/2024



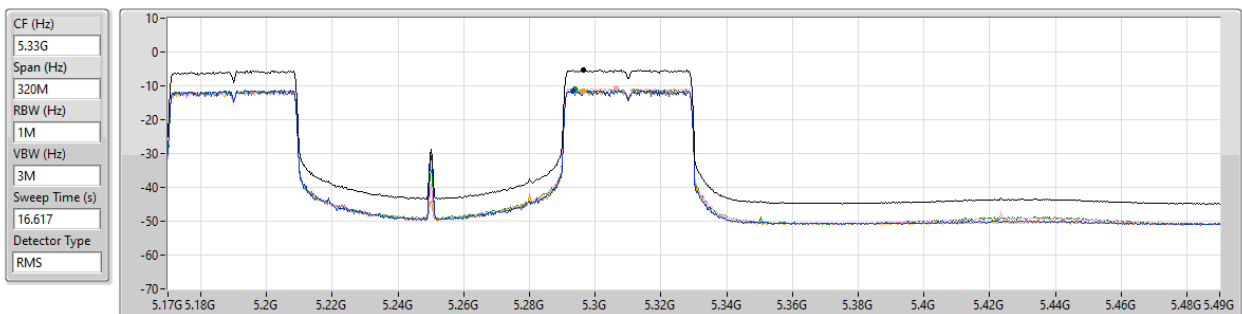
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.30	-0.30	-6.03	-5.92	-6.13	-6.16

5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

27/11/2024



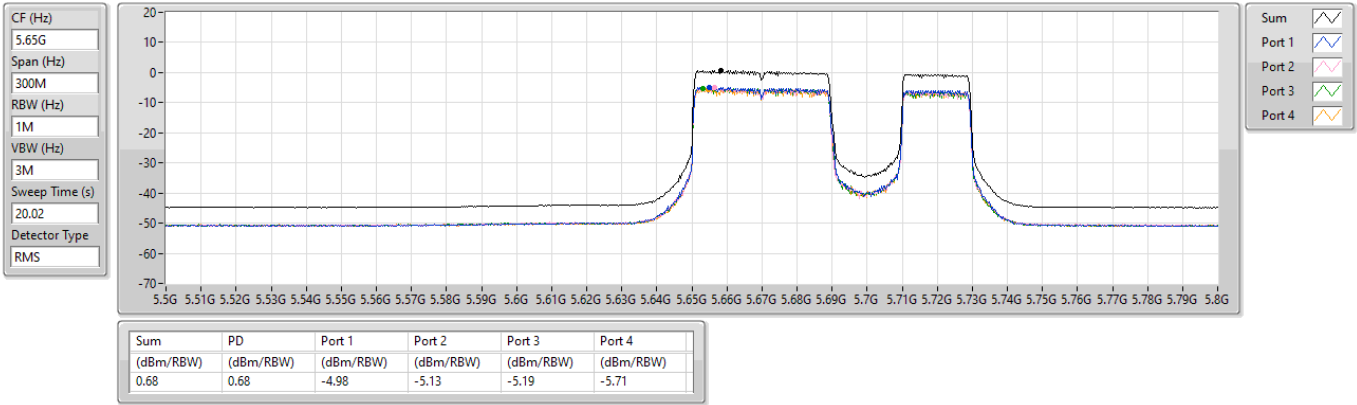
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.31	-5.31	-11.49	-10.75	-10.97	-11.41

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

27/11/2024

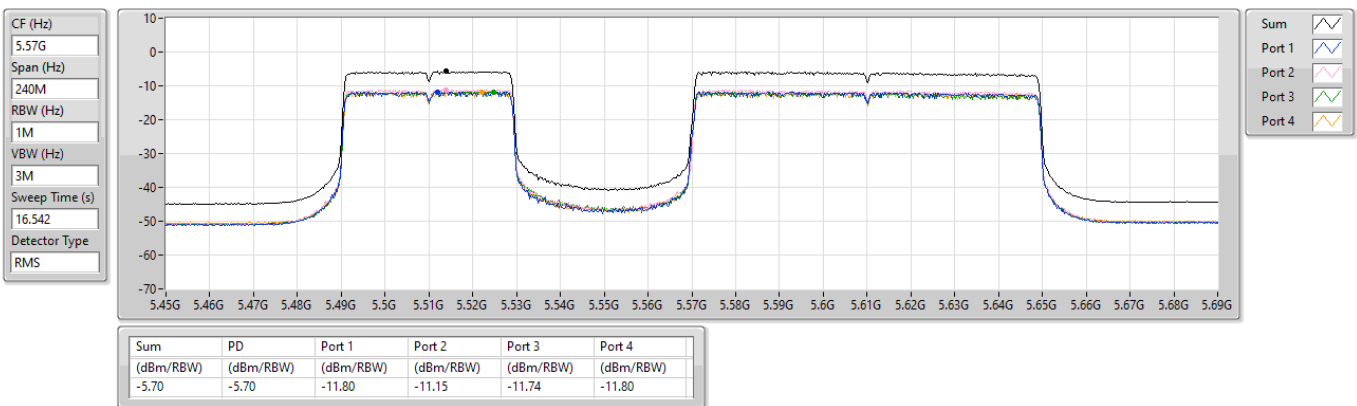


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX

PSD

5570MHz

27/11/2024

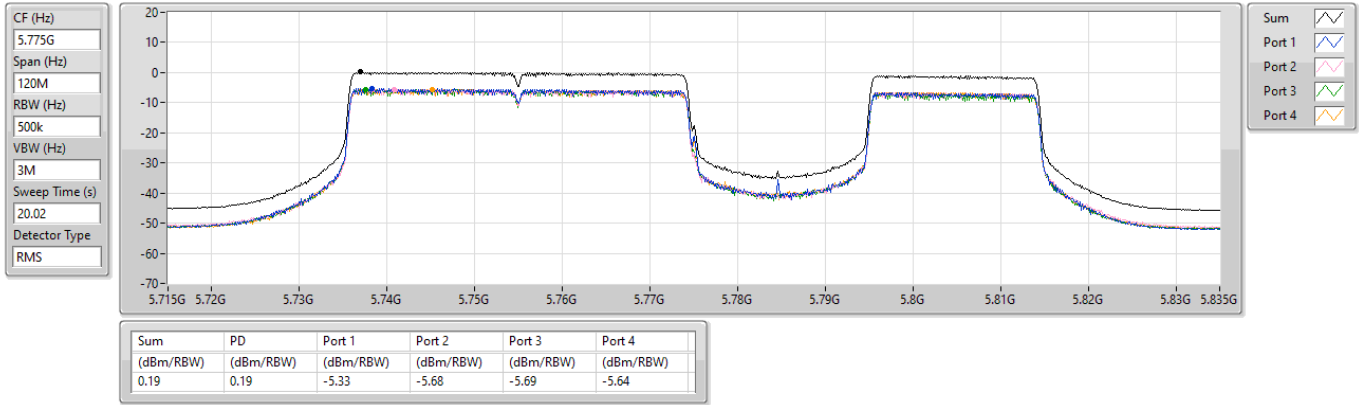


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX

PSD

5775MHz

27/11/2024



**Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-1.02
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_4TX	-5.29
5.25-5.35GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-0.25
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_4TX	-5.18
5.47-5.725GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	0.58
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_4TX	-5.67
5.725-5.85GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	0.28

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)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.95	-7.55	-7.34	-7.51	-7.24	-1.41	15.05
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.95	-7.57	-7.30	-7.46	-7.33	-1.45	15.05
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.95	-7.32	-6.82	-7.04	-6.83	-1.02	15.05
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.95	-7.31	-6.91	-7.10	-6.98	-1.10	15.05
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	7.31	-6.37	-6.01	-6.43	-5.95	-0.33	9.69
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	7.31	-6.27	-6.08	-6.44	-5.91	-0.29	9.69
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	7.31	-6.25	-6.01	-6.47	-5.93	-0.25	9.69
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	7.31	-6.26	-6.17	-6.40	-5.88	-0.25	9.69
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	8.43	-10.75	-10.96	-10.85	-10.64	-4.83	8.57
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	8.43	-10.80	-10.87	-10.82	-10.65	-4.84	8.57
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	8.43	-10.85	-10.94	-10.93	-10.72	-4.88	8.57
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	8.43	-10.85	-10.95	-10.94	-10.74	-4.91	8.57
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-
5610MHz	Pass	8.43	-6.04	-5.69	-5.68	-5.77	0.19	8.57
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-
5610MHz	Pass	8.43	-5.98	-5.61	-5.63	-5.81	0.23	8.57
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-
5610MHz	Pass	8.43	-6.20	-5.70	-5.69	-5.85	0.14	8.57
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-
5610MHz	Pass	8.43	-6.21	-5.73	-5.73	-5.80	0.12	8.57
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	8.43	-5.44	-5.36	-5.23	-5.88	0.44	8.57
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	8.43	-5.30	-5.29	-5.21	-5.75	0.58	8.57
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	8.43	-5.35	-5.55	-5.25	-5.82	0.49	8.57
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	8.43	-5.37	-5.74	-5.25	-5.87	0.41	8.57
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	8.69	-7.64	-8.29	-8.16	-8.03	-2.07	27.31
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	8.69	-7.83	-8.53	-8.23	-8.10	-2.21	27.31
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	8.69	-7.97	-8.55	-8.46	-8.17	-2.32	27.31
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	8.69	-46.84	-46.64	-46.76	-46.29	-40.84	27.31
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-
5775MHz	Pass	8.69	-5.66	-6.05	-5.93	-5.97	0.08	27.31
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-
5775MHz	Pass	8.69	-5.44	-5.84	-5.72	-5.73	0.28	27.31
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-
5775MHz	Pass	8.69	-5.63	-5.90	-5.78	-5.88	0.18	27.31
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-

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)
5775MHz	Pass	8.69	-5.75	-5.91	-5.95	-5.91	0.10	27.31
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	-11.58	-11.68	-11.64	-11.53	-5.61	15.05
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	-11.69	-11.72	-11.72	-11.62	-5.70	15.05
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	-11.73	-11.73	-11.62	-11.62	-5.68	15.05
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	-11.20	-11.39	-11.26	-11.19	-5.29	15.05
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	-11.69	-11.75	-11.65	-11.62	-5.69	15.05
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	-11.58	-11.74	-11.60	-11.49	-5.66	15.05
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	-11.62	-11.74	-11.57	-11.55	-5.66	15.05
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	-11.62	-11.77	-11.59	-11.62	-5.72	15.05
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	-11.43	-11.73	-11.52	-11.35	-5.55	15.05
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	-11.70	-12.24	-11.66	-11.73	-5.83	15.05
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	-11.54	-11.74	-11.56	-11.58	-5.66	15.05
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.95	-11.61	-11.75	-11.48	-11.55	-5.67	15.05
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	-11.68	-11.38	-11.53	-11.62	-5.61	9.69
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	-11.79	-11.43	-11.54	-11.61	-5.64	9.69
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	-11.80	-11.41	-11.53	-11.68	-5.65	9.69
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	-11.31	-10.94	-11.07	-11.13	-5.18	9.69
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	-11.72	-11.45	-11.57	-11.68	-5.67	9.69
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	-11.69	-11.38	-11.43	-11.62	-5.65	9.69
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	-11.71	-11.37	-11.48	-11.47	-5.62	9.69
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	-11.82	-11.42	-11.54	-11.63	-5.67	9.69
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	-11.49	-11.32	-11.43	-11.45	-5.55	9.69
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	-11.66	-11.36	-11.46	-11.46	-5.57	9.69
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	-11.77	-11.35	-11.46	-11.77	-5.62	9.69
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	7.31	-11.67	-11.46	-11.43	-11.60	-5.62	9.69
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	8.43	-11.86	-11.22	-11.76	-11.96	-5.75	8.57
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	8.43	-11.91	-11.26	-11.69	-11.97	-5.72	8.57
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	8.43	-11.86	-11.22	-11.77	-11.97	-5.76	8.57
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-

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)
5570MHz	Pass	8.43	-11.96	-11.27	-11.76	-11.93	-5.76	8.57
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	8.43	-11.90	-11.32	-11.78	-12.07	-5.79	8.57
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	8.43	-11.90	-11.32	-11.82	-12.02	-5.79	8.57
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	8.43	-11.92	-11.28	-11.85	-12.09	-5.82	8.57
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	8.43	-12.05	-11.34	-11.92	-11.98	-5.83	8.57
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	8.43	-12.30	-11.69	-12.09	-12.30	-6.11	8.57
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	8.43	-11.87	-11.22	-11.72	-11.82	-5.67	8.57
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	8.43	-11.82	-11.31	-11.78	-11.94	-5.76	8.57
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	8.43	-11.94	-11.39	-11.90	-12.04	-5.85	8.57

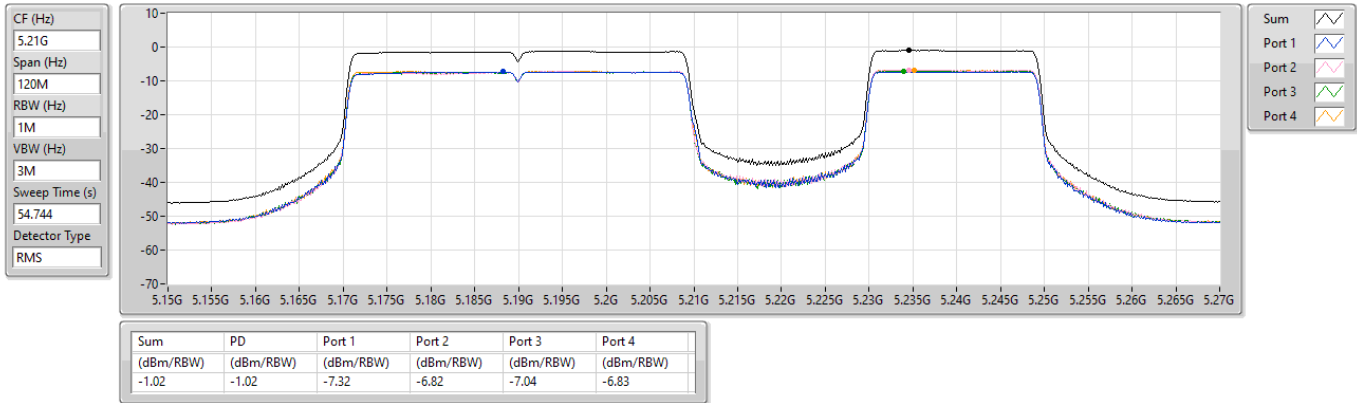
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX

PSD

5210MHz

22/11/2024

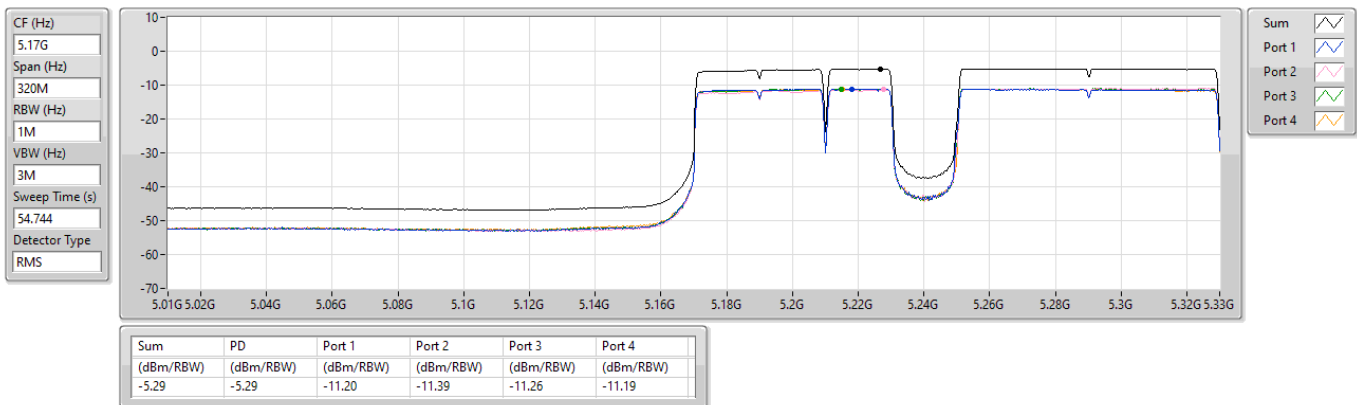


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

22/11/2024



5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX

PSD

5290MHz

22/11/2024

CF (Hz)
5.29G

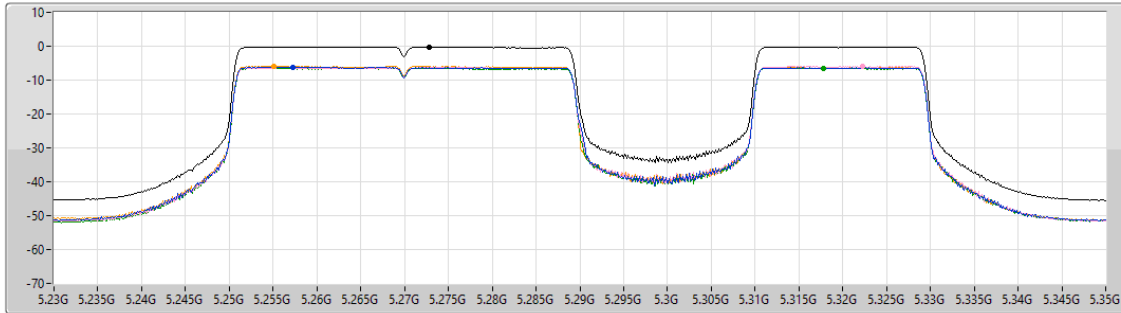
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.744

Detector Type
RMS



Sum

Port 1

Port 2

Port 3

Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.25	-0.25	-6.25	-6.01	-6.47	-5.93

5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

22/11/2024

CF (Hz)
5.33G

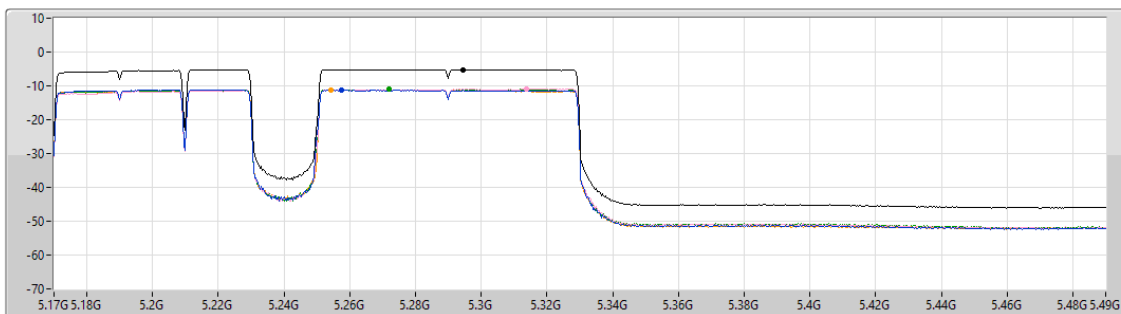
Span (Hz)
320M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.744

Detector Type
RMS



Sum

Port 1

Port 2

Port 3

Port 4

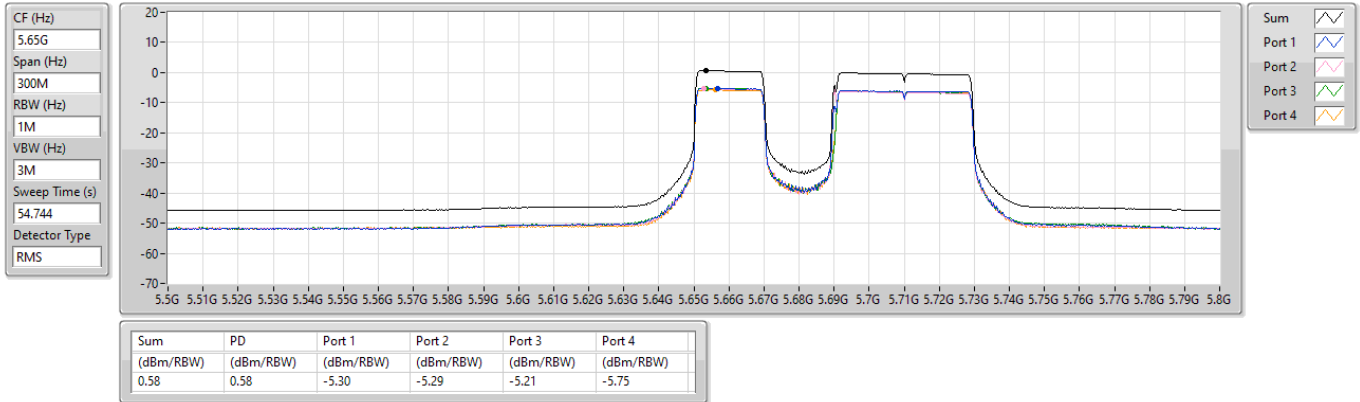
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.18	-5.18	-11.31	-10.94	-11.07	-11.13

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

22/11/2024

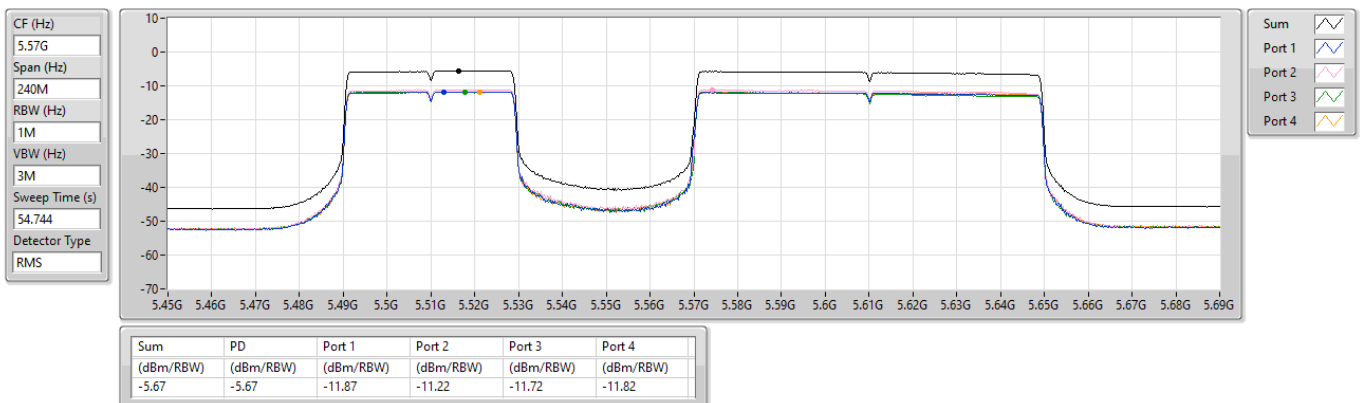


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_4TX

PSD

5570MHz

22/11/2024

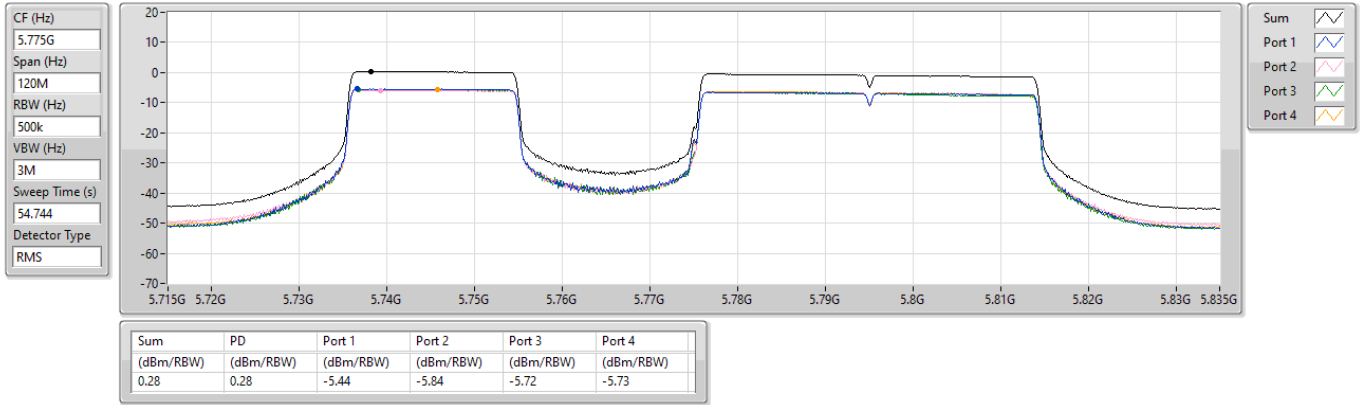


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX

PSD

5775MHz

22/11/2024





RSE TX below 1GHz_Non-Beamforming_Radio 0 (Band 1 + 4) Appendix E.3

Summary

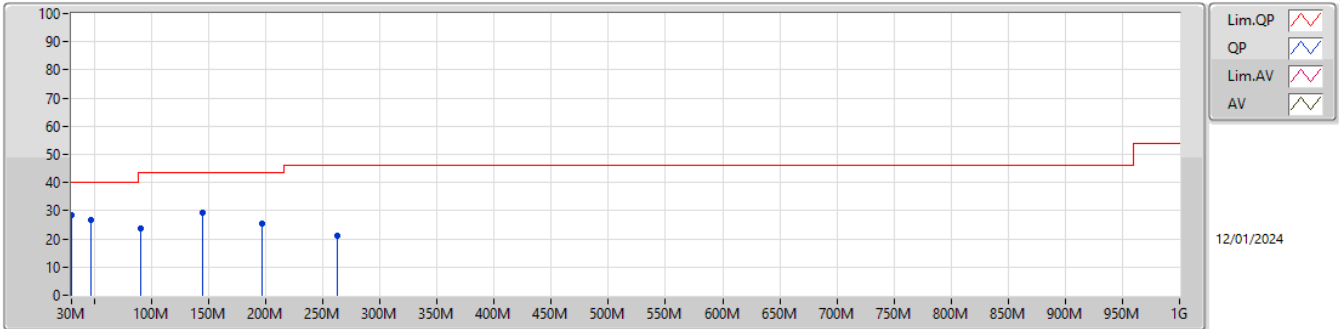
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	PK	47.46M	35.20	40.00	-4.80	3	Vertical	360	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	30M	28.57	40.00	-11.43	3	Vertical	360	1.00
5775MHz	Pass	PK	47.46M	26.84	40.00	-13.16	3	Vertical	360	1.00
5775MHz	Pass	PK	90.14M	23.79	43.50	-19.71	3	Vertical	360	1.00
5775MHz	Pass	PK	144.46M	29.48	43.50	-14.02	3	Vertical	360	1.00
5775MHz	Pass	PK	196.84M	25.40	43.50	-18.10	3	Vertical	360	1.00
5775MHz	Pass	PK	262.8M	20.97	46.00	-25.03	3	Vertical	360	1.00
5775MHz	Pass	PK	30M	21.75	40.00	-18.25	3	Horizontal	0	1.00
5775MHz	Pass	PK	109.54M	22.23	43.50	-21.27	3	Horizontal	0	1.00
5775MHz	Pass	PK	144.46M	33.07	43.50	-10.43	3	Horizontal	0	1.00
5775MHz	Pass	PK	196.84M	29.13	43.50	-14.37	3	Horizontal	0	1.00
5775MHz	Pass	PK	361.74M	23.89	46.00	-22.11	3	Horizontal	0	1.00
5775MHz	Pass	PK	800.18M	29.07	46.00	-16.93	3	Horizontal	0	1.00
5775MHz	Pass	PK	47.46M	35.20	40.00	-4.80	3	Vertical	360	1.00
5775MHz	Pass	PK	94.02M	33.09	43.50	-10.41	3	Vertical	360	1.00
5775MHz	Pass	PK	167.74M	27.95	43.50	-15.55	3	Vertical	360	1.00
5775MHz	Pass	PK	276.38M	34.99	46.00	-11.01	3	Vertical	360	1.00
5775MHz	Pass	PK	852.56M	30.30	46.00	-15.70	3	Vertical	360	1.00
5775MHz	Pass	PK	893.3M	30.86	46.00	-15.14	3	Vertical	360	1.00
5775MHz	Pass	PK	94.02M	22.90	43.50	-20.60	3	Horizontal	0	1.00
5775MHz	Pass	PK	206.54M	21.60	43.50	-21.90	3	Horizontal	0	1.00
5775MHz	Pass	PK	276.38M	28.08	46.00	-17.92	3	Horizontal	0	1.00
5775MHz	Pass	PK	709M	33.75	46.00	-12.25	3	Horizontal	0	1.00
5775MHz	Pass	PK	776.9M	30.12	46.00	-15.88	3	Horizontal	0	1.00
5775MHz	Pass	PK	893.3M	29.81	46.00	-16.19	3	Horizontal	0	1.00

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

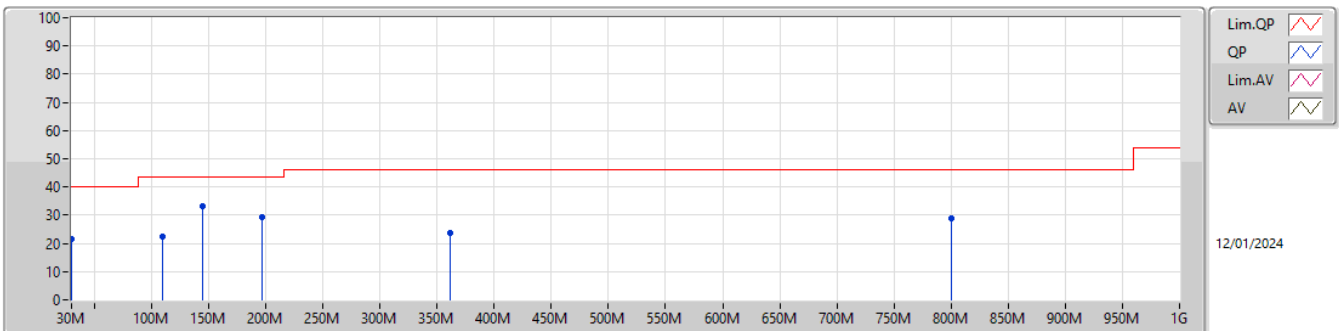
5775MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	30M	28.57	40.00	-11.43	-18.70	3	Vertical	360	1.00	47.27	25.10	0.41	44.21
PK	47.46M	26.84	40.00	-13.16	-27.84	3	Vertical	360	1.00	54.68	16.06	0.45	44.35
PK	90.14M	23.79	43.50	-19.71	-28.71	3	Vertical	360	1.00	52.50	15.10	0.61	44.42
PK	144.46M	29.48	43.50	-14.02	-26.15	3	Vertical	360	1.00	55.63	17.41	0.78	44.34
PK	196.84M	25.40	43.50	-18.10	-28.23	3	Vertical	360	1.00	53.63	15.08	0.95	44.26
PK	262.8M	20.97	46.00	-25.03	-22.56	3	Vertical	360	1.00	43.53	20.50	1.10	44.16

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

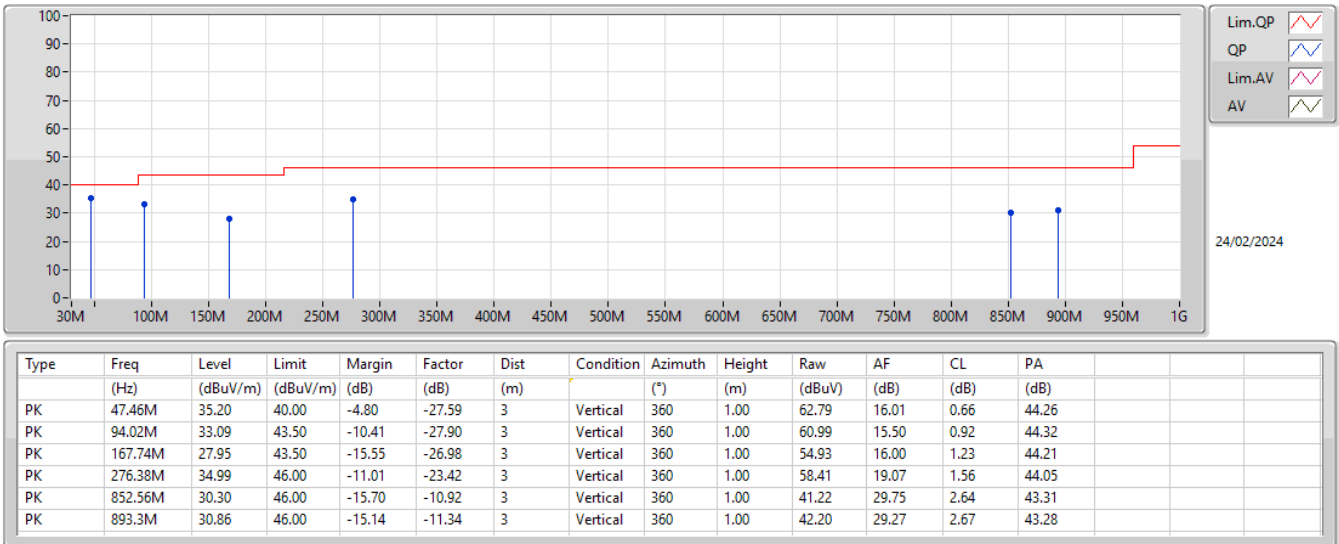
5775MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	30M	21.75	40.00	-18.25	-18.70	3	Horizontal	0	1.00	40.45	25.10	0.41	44.21
PK	109.54M	22.23	43.50	-21.27	-26.51	3	Horizontal	0	1.00	48.74	17.20	0.69	44.40
PK	144.46M	33.07	43.50	-10.43	-26.15	3	Horizontal	0	1.00	59.22	17.41	0.78	44.34
PK	196.84M	29.13	43.50	-14.37	-28.23	3	Horizontal	0	1.00	57.36	15.08	0.95	44.26
PK	361.74M	23.89	46.00	-22.11	-21.91	3	Horizontal	0	1.00	45.80	20.83	1.26	44.00
PK	800.18M	29.07	46.00	-16.93	-13.49	3	Horizontal	0	1.00	42.56	28.00	1.93	43.42

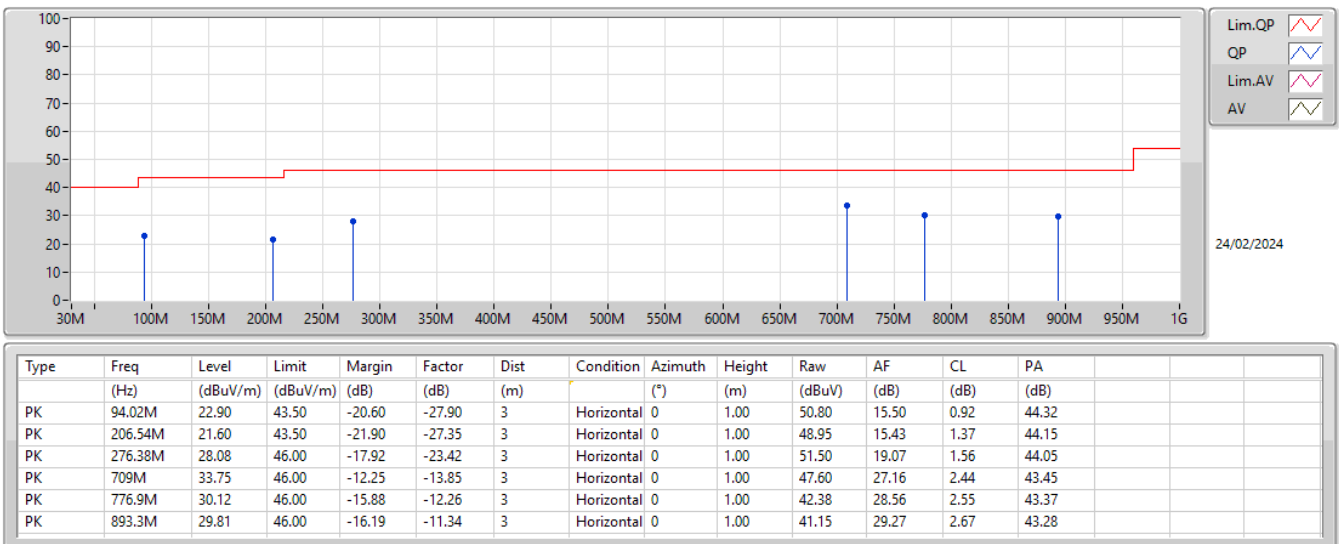
5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_PoE



5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_PoE



**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	5.1498G	53.18	54.00	-0.82	3	Vertical	33	2.64
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	5.1498G	52.03	54.00	-1.97	3	Vertical	35	2.63
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	5.15G	53.48	54.00	-0.52	3	Vertical	35	2.64
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	AV	5.15G	53.86	54.00	-0.14	3	Vertical	33	2.62
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	PK	5.9354G	59.64	68.20	-8.56	3	Vertical	34	2.41
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	PK	6.015G	60.27	68.20	-7.93	3	Vertical	35	2.44
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	PK	5.9494G	59.24	68.20	-8.96	3	Horizontal	191	2.91
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	PK	5.6466G	66.16	68.20	-2.04	3	Vertical	37	2.39

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1498G	53.18	54.00	-0.82	3	Vertical	33	2.64
5180MHz	Pass	AV	5.1748G	107.89	Inf	-Inf	3	Vertical	33	2.64
5180MHz	Pass	PK	5.1498G	69.70	74.00	-4.30	3	Vertical	33	2.64
5180MHz	Pass	PK	5.1792G	117.30	Inf	-Inf	3	Vertical	33	2.64
5180MHz	Pass	AV	5.15G	47.74	54.00	-6.26	3	Horizontal	241	1.18
5180MHz	Pass	AV	5.181G	100.72	Inf	-Inf	3	Horizontal	241	1.18
5180MHz	Pass	PK	5.15G	61.89	74.00	-12.11	3	Horizontal	241	1.18
5180MHz	Pass	PK	5.1766G	110.21	Inf	-Inf	3	Horizontal	241	1.18
5180MHz	Pass	PK	10.3459G	50.22	68.20	-17.98	3	Vertical	110	3.00
5180MHz	Pass	PK	10.36894G	50.23	68.20	-17.97	3	Horizontal	229	1.50
5200MHz	Pass	AV	5.15G	45.69	54.00	-8.31	3	Vertical	34	2.65
5200MHz	Pass	AV	5.1948G	108.33	Inf	-Inf	3	Vertical	34	2.65
5200MHz	Pass	PK	5.15G	60.90	74.00	-13.10	3	Vertical	34	2.65
5200MHz	Pass	PK	5.1956G	118.86	Inf	-Inf	3	Vertical	34	2.65
5200MHz	Pass	AV	5.1476G	43.86	54.00	-10.14	3	Horizontal	250	2.51
5200MHz	Pass	AV	5.2032G	102.60	Inf	-Inf	3	Horizontal	250	2.51
5200MHz	Pass	PK	5.108G	57.06	74.00	-16.94	3	Horizontal	250	2.51
5200MHz	Pass	PK	5.2036G	111.92	Inf	-Inf	3	Horizontal	250	2.51
5200MHz	Pass	PK	10.41344G	49.71	68.20	-18.49	3	Vertical	14	1.50
5200MHz	Pass	PK	10.39346G	49.70	68.20	-18.50	3	Horizontal	268	1.50
5240MHz	Pass	AV	5.1404G	43.80	54.00	-10.20	3	Vertical	31	2.74
5240MHz	Pass	AV	5.2352G	108.19	Inf	-Inf	3	Vertical	31	2.74
5240MHz	Pass	AV	5.3504G	44.28	54.00	-9.72	3	Vertical	31	2.74
5240MHz	Pass	PK	5.1038G	56.65	74.00	-17.35	3	Vertical	31	2.74
5240MHz	Pass	PK	5.2352G	117.82	Inf	-Inf	3	Vertical	31	2.74
5240MHz	Pass	PK	5.3894G	57.33	74.00	-16.67	3	Vertical	31	2.74
5240MHz	Pass	AV	5.1458G	43.59	54.00	-10.41	3	Horizontal	225	2.91
5240MHz	Pass	AV	5.243G	103.33	Inf	-Inf	3	Horizontal	225	2.91
5240MHz	Pass	AV	5.3786G	44.13	54.00	-9.87	3	Horizontal	225	2.91
5240MHz	Pass	PK	5.1488G	56.60	74.00	-17.40	3	Horizontal	225	2.91
5240MHz	Pass	PK	5.2376G	113.16	Inf	-Inf	3	Horizontal	225	2.91
5240MHz	Pass	PK	5.3612G	57.08	74.00	-16.92	3	Horizontal	225	2.91
5240MHz	Pass	PK	10.49194G	50.52	68.20	-17.68	3	Vertical	147	1.81
5240MHz	Pass	PK	10.47622G	51.39	68.20	-16.81	3	Horizontal	351	1.50
5745MHz	Pass	AV	5.4498G	43.51	54.00	-10.49	3	Vertical	24	2.45
5745MHz	Pass	AV	5.7498G	105.92	Inf	-Inf	3	Vertical	24	2.45
5745MHz	Pass	PK	5.547G	56.88	68.20	-11.32	3	Vertical	24	2.45
5745MHz	Pass	PK	5.7498G	115.24	Inf	-Inf	3	Vertical	24	2.45
5745MHz	Pass	PK	5.9646G	59.02	68.20	-9.18	3	Vertical	24	2.45
5745MHz	Pass	AV	5.4486G	43.44	54.00	-10.56	3	Horizontal	9	2.73
5745MHz	Pass	AV	5.7486G	103.57	Inf	-Inf	3	Horizontal	9	2.73
5745MHz	Pass	PK	5.5686G	56.76	68.20	-11.44	3	Horizontal	9	2.73
5745MHz	Pass	PK	5.7438G	112.76	Inf	-Inf	3	Horizontal	9	2.73
5745MHz	Pass	PK	5.9742G	59.04	68.20	-9.16	3	Horizontal	9	2.73
5745MHz	Pass	AV	11.49078G	38.07	54.00	-15.93	3	Vertical	285	1.46
5745MHz	Pass	PK	11.48996G	51.25	74.00	-22.75	3	Vertical	285	1.46
5745MHz	Pass	AV	11.49041G	38.14	54.00	-15.86	3	Horizontal	186	2.60
5745MHz	Pass	PK	11.49059G	50.18	74.00	-23.82	3	Horizontal	186	2.60
5785MHz	Pass	AV	5.7874G	106.81	Inf	-Inf	3	Vertical	37	2.45
5785MHz	Pass	PK	5.6014G	57.51	68.20	-10.69	3	Vertical	37	2.45
5785MHz	Pass	PK	5.7874G	116.34	Inf	-Inf	3	Vertical	37	2.45
5785MHz	Pass	PK	5.9686G	58.98	68.20	-9.22	3	Vertical	37	2.45
5785MHz	Pass	AV	5.7862G	103.55	Inf	-Inf	3	Horizontal	191	2.88
5785MHz	Pass	PK	5.4922G	57.63	68.20	-10.57	3	Horizontal	191	2.88
5785MHz	Pass	PK	5.7814G	113.43	Inf	-Inf	3	Horizontal	191	2.88
5785MHz	Pass	PK	6.0226G	58.96	68.20	-9.24	3	Horizontal	191	2.88
5785MHz	Pass	AV	11.57071G	37.79	54.00	-16.21	3	Vertical	204	2.51
5785MHz	Pass	PK	11.57022G	49.99	74.00	-24.01	3	Vertical	204	2.51
5785MHz	Pass	AV	11.571G	37.86	54.00	-16.14	3	Horizontal	331	2.60
5785MHz	Pass	PK	11.56986G	49.82	74.00	-24.18	3	Horizontal	331	2.60

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5825MHz	Pass	AV	5.8226G	106.76	Inf	-Inf	3	Vertical	34	2.41
5825MHz	Pass	PK	5.6486G	57.41	68.20	-10.79	3	Vertical	34	2.41
5825MHz	Pass	PK	5.8226G	116.56	Inf	-Inf	3	Vertical	34	2.41
5825MHz	Pass	PK	5.9354G	59.64	68.20	-8.56	3	Vertical	34	2.41
5825MHz	Pass	AV	5.8274G	103.68	Inf	-Inf	3	Horizontal	191	3.00
5825MHz	Pass	PK	5.615G	57.21	68.20	-10.99	3	Horizontal	191	3.00
5825MHz	Pass	PK	5.8214G	112.99	Inf	-Inf	3	Horizontal	191	3.00
5825MHz	Pass	PK	6.0002G	59.27	68.20	-8.93	3	Horizontal	191	3.00
5825MHz	Pass	AV	11.65077G	37.14	54.00	-16.86	3	Vertical	253	2.33
5825MHz	Pass	PK	11.65006G	49.58	74.00	-24.42	3	Vertical	253	2.33
5825MHz	Pass	AV	11.65098G	37.07	54.00	-16.93	3	Horizontal	347	1.15
5825MHz	Pass	PK	11.6495G	48.84	74.00	-25.16	3	Horizontal	347	1.15
802.11ax HEW20_Nss1,(MCS0)_2TX										
5180MHz	Pass	AV	5.1498G	52.03	54.00	-1.97	3	Vertical	35	2.63
5180MHz	Pass	AV	5.1808G	106.70	Inf	-Inf	3	Vertical	35	2.63
5180MHz	Pass	PK	5.1486G	71.32	74.00	-2.68	3	Vertical	35	2.63
5180MHz	Pass	PK	5.1806G	119.60	Inf	-Inf	3	Vertical	35	2.63
5180MHz	Pass	AV	5.15G	47.13	54.00	-6.87	3	Horizontal	240	1.17
5180MHz	Pass	AV	5.1818G	99.75	Inf	-Inf	3	Horizontal	240	1.17
5180MHz	Pass	PK	5.1492G	63.40	74.00	-10.60	3	Horizontal	240	1.17
5180MHz	Pass	PK	5.182G	113.26	Inf	-Inf	3	Horizontal	240	1.17
5180MHz	Pass	PK	10.35986G	49.22	68.20	-18.98	3	Vertical	215	2.49
5180MHz	Pass	PK	10.36074G	49.00	68.20	-19.20	3	Horizontal	317	1.23
5200MHz	Pass	AV	5.15G	47.90	54.00	-6.10	3	Vertical	34	2.47
5200MHz	Pass	AV	5.2012G	108.12	Inf	-Inf	3	Vertical	34	2.47
5200MHz	Pass	PK	5.1496G	64.50	74.00	-9.50	3	Vertical	34	2.47
5200MHz	Pass	PK	5.2016G	121.07	Inf	-Inf	3	Vertical	34	2.47
5200MHz	Pass	AV	5.1432G	44.22	54.00	-9.78	3	Horizontal	226	2.80
5200MHz	Pass	AV	5.2044G	103.03	Inf	-Inf	3	Horizontal	226	2.80
5200MHz	Pass	PK	5.1436G	58.58	74.00	-15.42	3	Horizontal	226	2.80
5200MHz	Pass	PK	5.1952G	115.91	Inf	-Inf	3	Horizontal	226	2.80
5200MHz	Pass	PK	10.40093G	49.07	68.20	-19.13	3	Vertical	209	2.86
5200MHz	Pass	PK	10.39909G	49.79	68.20	-18.41	3	Horizontal	220	2.15
5240MHz	Pass	AV	5.1404G	43.32	54.00	-10.68	3	Vertical	36	2.41
5240MHz	Pass	AV	5.2418G	107.28	Inf	-Inf	3	Vertical	36	2.41
5240MHz	Pass	AV	5.3834G	43.78	54.00	-10.22	3	Vertical	36	2.41
5240MHz	Pass	PK	5.0912G	56.86	74.00	-17.14	3	Vertical	36	2.41
5240MHz	Pass	PK	5.2424G	120.66	Inf	-Inf	3	Vertical	36	2.41
5240MHz	Pass	PK	5.3648G	57.40	74.00	-16.60	3	Vertical	36	2.41
5240MHz	Pass	AV	5.129G	43.04	54.00	-10.96	3	Horizontal	240	3.00
5240MHz	Pass	AV	5.2364G	100.87	Inf	-Inf	3	Horizontal	240	3.00
5240MHz	Pass	AV	5.3648G	43.59	54.00	-10.41	3	Horizontal	240	3.00
5240MHz	Pass	PK	5.126G	57.56	74.00	-16.44	3	Horizontal	240	3.00
5240MHz	Pass	PK	5.237G	113.79	Inf	-Inf	3	Horizontal	240	3.00
5240MHz	Pass	PK	5.387G	57.25	74.00	-16.75	3	Horizontal	240	3.00
5240MHz	Pass	PK	10.47986G	49.53	68.20	-18.67	3	Vertical	77	1.27
5240MHz	Pass	PK	10.47956G	50.07	68.20	-18.13	3	Horizontal	199	2.31
5745MHz	Pass	AV	5.445G	43.18	54.00	-10.82	3	Vertical	35	2.44
5745MHz	Pass	AV	5.7474G	105.93	Inf	-Inf	3	Vertical	35	2.44
5745MHz	Pass	PK	5.6214G	57.58	68.20	-10.62	3	Vertical	35	2.44
5745MHz	Pass	PK	5.7474G	118.50	Inf	-Inf	3	Vertical	35	2.44
5745MHz	Pass	PK	6.015G	60.27	68.20	-7.93	3	Vertical	35	2.44
5745MHz	Pass	AV	5.4546G	43.04	54.00	-10.96	3	Horizontal	10	2.77
5745MHz	Pass	AV	5.7426G	103.27	Inf	-Inf	3	Horizontal	10	2.77
5745MHz	Pass	PK	5.6154G	56.90	68.20	-11.30	3	Horizontal	10	2.77
5745MHz	Pass	PK	5.7414G	116.25	Inf	-Inf	3	Horizontal	10	2.77
5745MHz	Pass	PK	6.021G	58.42	68.20	-9.78	3	Horizontal	10	2.77
5745MHz	Pass	AV	11.49036G	37.80	54.00	-16.20	3	Vertical	154	2.46
5745MHz	Pass	PK	11.48968G	50.20	74.00	-23.80	3	Vertical	154	2.46
5745MHz	Pass	AV	11.48988G	37.69	54.00	-16.31	3	Horizontal	342	1.71
5745MHz	Pass	PK	11.49054G	50.27	74.00	-23.73	3	Horizontal	342	1.71
5785MHz	Pass	AV	5.7838G	104.93	Inf	-Inf	3	Vertical	21	2.67



RSE TX above 1GHz_Non-Beamforming_Radio 0 (Band 1 + 4)

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5785MHz	Pass	PK	5.5906G	57.62	68.20	-10.58	3	Vertical	21	2.67
5785MHz	Pass	PK	5.7838G	117.80	Inf	-Inf	3	Vertical	21	2.67
5785MHz	Pass	PK	5.9614G	59.54	68.20	-8.66	3	Vertical	21	2.67
5785MHz	Pass	AV	5.7874G	103.43	Inf	-Inf	3	Horizontal	192	2.74
5785MHz	Pass	PK	5.5486G	57.00	68.20	-11.20	3	Horizontal	192	2.74
5785MHz	Pass	PK	5.7874G	116.80	Inf	-Inf	3	Horizontal	192	2.74
5785MHz	Pass	PK	5.9794G	59.43	68.20	-8.77	3	Horizontal	192	2.74
5785MHz	Pass	AV	11.57081G	37.45	54.00	-16.55	3	Vertical	0	1.52
5785MHz	Pass	PK	11.56922G	50.26	74.00	-23.74	3	Vertical	0	1.52
5785MHz	Pass	AV	11.57066G	37.41	54.00	-16.59	3	Horizontal	102	1.82
5785MHz	Pass	PK	11.57036G	50.51	74.00	-23.49	3	Horizontal	102	1.82
5825MHz	Pass	AV	5.8202G	106.21	Inf	-Inf	3	Vertical	37	2.51
5825MHz	Pass	PK	5.5514G	57.53	68.20	-10.67	3	Vertical	37	2.51
5825MHz	Pass	PK	5.8298G	119.57	Inf	-Inf	3	Vertical	37	2.51
5825MHz	Pass	PK	5.939G	59.05	68.20	-9.15	3	Vertical	37	2.51
5825MHz	Pass	AV	5.8274G	103.51	Inf	-Inf	3	Horizontal	192	2.75
5825MHz	Pass	PK	5.5766G	57.05	68.20	-11.15	3	Horizontal	192	2.75
5825MHz	Pass	PK	5.8274G	115.72	Inf	-Inf	3	Horizontal	192	2.75
5825MHz	Pass	PK	5.975G	59.91	68.20	-8.29	3	Horizontal	192	2.75
5825MHz	Pass	AV	11.6508G	36.73	54.00	-17.27	3	Vertical	56	2.83
5825MHz	Pass	PK	11.64933G	49.13	74.00	-24.87	3	Vertical	56	2.83
5825MHz	Pass	AV	11.65092G	36.69	54.00	-17.31	3	Horizontal	156	2.21
5825MHz	Pass	PK	11.64905G	48.59	74.00	-25.41	3	Horizontal	156	2.21
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.15G	53.48	54.00	-0.52	3	Vertical	35	2.64
5190MHz	Pass	AV	5.1908G	101.02	Inf	-Inf	3	Vertical	35	2.64
5190MHz	Pass	PK	5.15G	68.89	74.00	-5.11	3	Vertical	35	2.64
5190MHz	Pass	PK	5.1804G	114.58	Inf	-Inf	3	Vertical	35	2.64
5190MHz	Pass	AV	5.15G	46.17	54.00	-7.83	3	Horizontal	241	1.12
5190MHz	Pass	AV	5.192G	94.18	Inf	-Inf	3	Horizontal	241	1.12
5190MHz	Pass	PK	5.1492G	60.39	74.00	-13.61	3	Horizontal	241	1.12
5190MHz	Pass	PK	5.1916G	107.16	Inf	-Inf	3	Horizontal	241	1.12
5190MHz	Pass	PK	10.38044G	49.57	68.20	-18.63	3	Vertical	173	2.53
5190MHz	Pass	PK	10.37959G	49.70	68.20	-18.50	3	Horizontal	78	1.31
5230MHz	Pass	AV	5.1488G	48.23	54.00	-5.77	3	Vertical	31	2.71
5230MHz	Pass	AV	5.2292G	104.49	Inf	-Inf	3	Vertical	31	2.71
5230MHz	Pass	PK	5.1472G	64.67	74.00	-9.33	3	Vertical	31	2.71
5230MHz	Pass	PK	5.2208G	117.25	Inf	-Inf	3	Vertical	31	2.71
5230MHz	Pass	AV	5.1448G	45.43	54.00	-8.57	3	Horizontal	225	3.00
5230MHz	Pass	AV	5.2348G	99.68	Inf	-Inf	3	Horizontal	225	3.00
5230MHz	Pass	PK	5.1436G	61.28	74.00	-12.72	3	Horizontal	225	3.00
5230MHz	Pass	PK	5.2256G	113.15	Inf	-Inf	3	Horizontal	225	3.00
5230MHz	Pass	PK	10.45949G	49.09	68.20	-19.11	3	Vertical	165	1.61
5230MHz	Pass	PK	10.46012G	49.81	68.20	-18.39	3	Horizontal	340	2.59
5755MHz	Pass	AV	5.4574G	43.22	54.00	-10.78	3	Vertical	22	2.46
5755MHz	Pass	AV	5.7538G	102.00	Inf	-Inf	3	Vertical	22	2.46
5755MHz	Pass	PK	5.5786G	57.64	68.20	-10.56	3	Vertical	22	2.46
5755MHz	Pass	PK	5.743G	114.84	Inf	-Inf	3	Vertical	22	2.46
5755MHz	Pass	PK	5.9674G	58.91	68.20	-9.29	3	Vertical	22	2.46
5755MHz	Pass	AV	5.455G	42.98	54.00	-11.02	3	Horizontal	191	2.91
5755MHz	Pass	AV	5.7574G	99.68	Inf	-Inf	3	Horizontal	191	2.91
5755MHz	Pass	PK	5.6242G	57.09	68.20	-11.11	3	Horizontal	191	2.91
5755MHz	Pass	PK	5.7478G	112.37	Inf	-Inf	3	Horizontal	191	2.91
5755MHz	Pass	PK	5.9494G	59.24	68.20	-8.96	3	Horizontal	191	2.91
5755MHz	Pass	AV	11.50942G	37.17	54.00	-16.83	3	Vertical	68	2.85
5755MHz	Pass	PK	11.50943G	50.61	74.00	-23.39	3	Vertical	68	2.85
5755MHz	Pass	AV	11.5093G	37.36	54.00	-16.64	3	Horizontal	123	2.11
5755MHz	Pass	PK	11.51075G	50.00	74.00	-24.00	3	Horizontal	123	2.11
5795MHz	Pass	AV	5.7986G	102.61	Inf	-Inf	3	Vertical	37	2.68
5795MHz	Pass	PK	5.5154G	56.96	68.20	-11.24	3	Vertical	37	2.68
5795MHz	Pass	PK	5.7998G	115.70	Inf	-Inf	3	Vertical	37	2.68
5795MHz	Pass	PK	5.9906G	58.97	68.20	-9.23	3	Vertical	37	2.68

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5795MHz	Pass	AV	5.7986G	99.70	Inf	-Inf	3	Horizontal	191	2.84
5795MHz	Pass	PK	5.585G	57.35	68.20	-10.85	3	Horizontal	191	2.84
5795MHz	Pass	PK	5.7974G	112.63	Inf	-Inf	3	Horizontal	191	2.84
5795MHz	Pass	PK	5.9258G	59.17	68.20	-9.03	3	Horizontal	191	2.84
5795MHz	Pass	AV	11.59078G	37.08	54.00	-16.92	3	Vertical	31	1.51
5795MHz	Pass	PK	11.5902G	50.08	74.00	-23.92	3	Vertical	31	1.51
5795MHz	Pass	AV	11.59082G	37.05	54.00	-16.95	3	Horizontal	135	1.46
5795MHz	Pass	PK	11.58917G	49.91	74.00	-24.09	3	Horizontal	135	1.46
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.15G	53.86	54.00	-0.14	3	Vertical	33	2.62
5210MHz	Pass	AV	5.211G	97.10	Inf	-Inf	3	Vertical	33	2.62
5210MHz	Pass	AV	5.425G	44.60	54.00	-9.40	3	Vertical	33	2.62
5210MHz	Pass	PK	5.15G	69.26	74.00	-4.74	3	Vertical	33	2.62
5210MHz	Pass	PK	5.19G	110.29	Inf	-Inf	3	Vertical	33	2.62
5210MHz	Pass	PK	5.428G	58.06	74.00	-15.94	3	Vertical	33	2.62
5210MHz	Pass	AV	5.149G	46.19	54.00	-7.81	3	Horizontal	240	1.15
5210MHz	Pass	AV	5.192G	89.42	Inf	-Inf	3	Horizontal	240	1.15
5210MHz	Pass	AV	5.446G	44.42	54.00	-9.58	3	Horizontal	240	1.15
5210MHz	Pass	PK	5.148G	58.80	74.00	-15.20	3	Horizontal	240	1.15
5210MHz	Pass	PK	5.231G	102.12	Inf	-Inf	3	Horizontal	240	1.15
5210MHz	Pass	PK	5.442G	58.52	74.00	-15.48	3	Horizontal	240	1.15
5210MHz	Pass	PK	10.41961G	49.40	68.20	-18.80	3	Vertical	228	2.66
5210MHz	Pass	PK	10.42051G	50.44	68.20	-17.76	3	Horizontal	134	2.30
5775MHz	Pass	AV	5.769G	99.53	Inf	-Inf	3	Vertical	37	2.39
5775MHz	Pass	PK	5.6466G	66.16	68.20	-2.04	3	Vertical	37	2.39
5775MHz	Pass	PK	5.7702G	113.06	Inf	-Inf	3	Vertical	37	2.39
5775MHz	Pass	PK	5.9274G	60.02	68.20	-8.18	3	Vertical	37	2.39
5775MHz	Pass	AV	5.7762G	96.59	Inf	-Inf	3	Horizontal	193	2.73
5775MHz	Pass	PK	5.6442G	61.78	68.20	-6.42	3	Horizontal	193	2.73
5775MHz	Pass	PK	5.7654G	109.32	Inf	-Inf	3	Horizontal	193	2.73
5775MHz	Pass	PK	5.9286G	60.05	68.20	-8.15	3	Horizontal	193	2.73
5775MHz	Pass	AV	11.54928G	36.76	54.00	-17.24	3	Vertical	325	2.74
5775MHz	Pass	PK	11.55095G	49.33	74.00	-24.67	3	Vertical	325	2.74
5775MHz	Pass	AV	11.54965G	36.70	54.00	-17.30	3	Horizontal	345	1.31
5775MHz	Pass	PK	11.54934G	49.33	74.00	-24.67	3	Horizontal	345	1.31