Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	: TLZ-XM455
Equipment	: IEEE 802.11 2X2 WiFi 6 MIMO Wireless LAN + Bluetooth 5.3 Combo LGA Module
Brand Name	: AzureWave
Model Name	: AW-XM455
Applicant	: AzureWave Technologies, Inc. 8F., No.94, Baozhong Rd. , Xindian Dist., New Taipei City , Taiwan 231
Manufacturer	: AzureWave Technologies, Inc. 8F., No.94, Baozhong Rd. , Xindian Dist., New Taipei City , Taiwan 231
Standard	: 47 CFR FCC Part 15.407

The product was received on Oct. 24, 2022, and testing was started from Nov. 05, 2022 and completed on Feb. 09, 2023. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

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

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History of this test report

Report No.	Version	Description	Issued Date
FR2O0714AB	01	Initial issue of report	Apr. 26, 2023

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Output Power	PASS	-
3.4	15.407(a)	Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:
1. The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results. 2. The measurement uncertainty please refer to report "Measurement Uncertainty".
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen
Report Producer: Vicky Huang

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5720	100-144 [12]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5710	102-142 [6]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5690	106-138 [3]
5725-5850		5775	155 [1]

Band	Mode	BWch (MHz)	Nant
5.15-5.35GHz	802.11a	20	2TX
5.15-5.35GHz	802.11n HT20	20	2TX
5.15-5.35GHz	802.11n HT20-BF	20	2TX
5.15-5.35GHz	802.11ac VHT20	20	2TX
5.15-5.35GHz	802.11ac VHT20-BF	20	2TX
5.15-5.35GHz	802.11ax HEW20	20	2TX
5.15-5.35GHz	802.11ax HEW20-BF	20	2TX
5.15-5.35GHz	802.11n HT40	40	2TX
5.15-5.35GHz	802.11n HT40-BF	40	2TX
5.15-5.35GHz	802.11ac VHT40	40	2TX
5.15-5.35GHz	802.11ac VHT40-BF	40	2TX
5.15-5.35GHz	802.11ax HEW40	40	2TX
5.15-5.35GHz	802.11ax HEW40-BF	40	2TX
5.15-5.35GHz	802.11ac VHT80	80	2TX
5.15-5.35GHz	802.11ac VHT80-BF	80	2TX
5.15-5.35GHz	802.11ax HEW80	80	2TX

Band	Mode	BWch (MHz)	Nant
5.15-5.35GHz	802.11ax HEW80-BF	80	2TX
5.47-5.725GHz	802.11a	20	2TX
5.47-5.725GHz	802.11n HT20	20	2TX
5.47-5.725GHz	802.11n HT20-BF	20	2TX
5.47-5.725GHz	802.11ac VHT20	20	2TX
5.47-5.725GHz	802.11ac VHT20-BF	20	2TX
5.47-5.725GHz	802.11ax HEW20	20	2TX
5.47-5.725GHz	802.11ax HEW20-BF	20	2TX
5.47-5.725GHz	802.11n HT40	40	2TX
5.47-5.725GHz	802.11n HT40-BF	40	2TX
5.47-5.725GHz	802.11ac VHT40	40	2TX
5.47-5.725GHz	802.11ac VHT40-BF	40	2TX
5.47-5.725GHz	802.11ax HEW40	40	2TX
5.47-5.725GHz	802.11ax HEW40-BF	40	2TX
5.47-5.725GHz	802.11ac VHT80	80	2TX
5.47-5.725GHz	802.11ac VHT80-BF	80	2TX
5.47-5.725GHz	802.11ax HEW80	80	2TX
5.47-5.725GHz	802.11ax HEW80-BF	80	2TX
5.725-5.85GHz	802.11a	20	2TX
5.725-5.85GHz	802.11n HT20	20	2TX
5.725-5.85GHz	802.11n HT20-BF	20	2TX
5.725-5.85GHz	802.11ac VHT20	20	2TX
5.725-5.85GHz	802.11ac VHT20-BF	20	2TX
5.725-5.85GHz	802.11ax HEW20	20	2TX
5.725-5.85GHz	802.11ax HEW20-BF	20	2TX
5.725-5.85GHz	802.11n HT40	40	2TX
5.725-5.85GHz	802.11n HT40-BF	40	2TX
5.725-5.85GHz	802.11ac VHT40	40	2TX
5.725-5.85GHz	802.11ac VHT40-BF	40	2TX
5.725-5.85GHz	802.11ax HEW40	40	2TX
5.725-5.85GHz	802.11ax HEW40-BF	40	2TX
5.725-5.85GHz	802.11ac VHT80	80	2TX
5.725-5.85GHz	802.11ac VHT80-BF	80	2TX
5.725-5.85GHz	802.11ax HEW80	80	2TX
5.725-5.85GHz	802.11ax HEW80-BF	80	2TX

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

1.1.2 Antenna Information

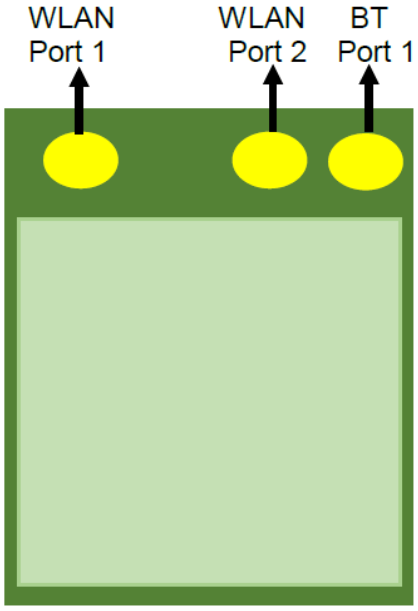
Ant.	Port			Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	WLAN 2.4GHz	WLAN 5GHz	Bluetooth					
1	1/2	1/2	1	MAG. LAYERS	MSA-4008-25GC1-A2	PIFA	I-PEX	Note 1
2	1/2	1/2	1	SONY	IW611-IW620-D(100)	Dipole	I-PEX	
3	1/2	1/2	1	SONY	IW611-IW620-D(110)	Dipole	I-PEX	
4	1/2	1/2	1	SONY	IW611-IW620-D(120)	Dipole	I-PEX	
5	1/2	1/2	1	SONY	IW611-IW620-D(130)	Dipole	I-PEX	
6	1/2	1/2	1	SONY	IW611-IW620-D(140)	Dipole	I-PEX	
7	1/2	1/2	1	SONY	IW611-IW620-D(150)	Dipole	I-PEX	
8	1/2	1/2	1	SONY	IW611-IW620-D(160)	Dipole	I-PEX	
9	1/2	1/2	1	SONY	IW611-IW620-D(170)	Dipole	I-PEX	
10	1/2	1/2	1	SONY	IW611-IW620-D(180)	Dipole	I-PEX	
11	1/2	1/2	1	SONY	IW611-IW620-D(190)	Dipole	I-PEX	
12	1/2	1/2	1	SONY	IW611-IW620-D(200)	Dipole	I-PEX	
13	1/2	1/2	1	SONY	IW611-IW620-D(210)	Dipole	I-PEX	
14	1/2	1/2	1	SONY	IW611-IW620-D(220)	Dipole	I-PEX	
15	1/2	1/2	1	SONY	IW611-IW620-D(230)	Dipole	I-PEX	
16	1/2	1/2	1	SONY	IW611-IW620-D(240)	Dipole	I-PEX	
17	1/2	1/2	1	SONY	IW611-IW620-D(250)	Dipole	I-PEX	
18	1/2	1/2	1	SONY	IW611-IW620-D(260)	Dipole	I-PEX	
19	1/2	1/2	1	SONY	IW611-IW620-D(270)	Dipole	I-PEX	
20	1/2	1/2	1	SONY	IW611-IW620-D(280)	Dipole	I-PEX	
21	1/2	1/2	1	SONY	IW611-IW620-D(290)	Dipole	I-PEX	
22	1/2	1/2	1	SONY	IW611-IW620-D(300)	Dipole	I-PEX	
23	1/2	1/2	1	SONY	IW611-IW620-D(310)	Dipole	I-PEX	
24	1/2	1/2	1	SONY	IW611-IW620-D(320)	Dipole	I-PEX	
25	1/2	1/2	1	SONY	IW611-IW620-D(330)	Dipole	I-PEX	
26	1/2	1/2	1	SONY	IW611-IW620-D(340)	Dipole	I-PEX	
27	1/2	1/2	1	SONY	IW611-IW620-D(350)	Dipole	I-PEX	
28	1/2	1/2	1	SONY	IW611-IW620-D(360)	Dipole	I-PEX	
29	1/2	1/2	1	SONY	IW611-IW620-D(370)	Dipole	I-PEX	
30	1/2	1/2	1	SONY	IW611-IW620-D(380)	Dipole	I-PEX	
31	1/2	1/2	1	SONY	IW611-IW620-D(390)	Dipole	I-PEX	
32	1/2	1/2	1	SONY	IW611-IW620-D(400)	Dipole	I-PEX	
33	1/2	1/2	1	SONY	IW611-IW620-D(410)	Dipole	I-PEX	
34	1/2	1/2	1	SONY	IW611-IW620-D(420)	Dipole	I-PEX	
35	1/2	1/2	1	SONY	IW611-IW620-D(430)	Dipole	I-PEX	
36	1/2	1/2	1	SONY	IW611-IW620-D(440)	Dipole	I-PEX	
37	1/2	1/2	1	SONY	IW611-IW620-D(450)	Dipole	I-PEX	
38	1/2	1/2	1	SONY	IW611-IW620-D(460)	Dipole	I-PEX	

39	1/2	1/2	1	SONY	IW611-IW620-D(470)	Dipole	I-PEX	Note 1
40	1/2	1/2	1	SONY	IW611-IW620-D(480)	Dipole	I-PEX	
41	1/2	1/2	1	SONY	IW611-IW620-D(490)	Dipole	I-PEX	
42	1/2	1/2	1	SONY	IW611-IW620-D(500)	Dipole	I-PEX	
43	1/2	1/2	1	SONY	IW611-IW620-D(510)	Dipole	I-PEX	
44	1/2	1/2	1	SONY	IW611-IW620-D(520)	Dipole	I-PEX	
45	1/2	1/2	1	SONY	IW611-IW620-D(530)	Dipole	I-PEX	
46	1/2	1/2	1	SONY	IW611-IW620-D(540)	Dipole	I-PEX	
47	1/2	1/2	1	SONY	IW611-IW620-D(550)	Dipole	I-PEX	
48	1/2	1/2	1	SONY	IW611-IW620-D(560)	Dipole	I-PEX	
49	1/2	1/2	1	SONY	IW611-IW620-D(570)	Dipole	I-PEX	
50	1/2	1/2	1	SONY	IW611-IW620-D(580)	Dipole	I-PEX	
51	1/2	1/2	1	SONY	IW611-IW620-D(590)	Dipole	I-PEX	
52	1/2	1/2	1	SONY	IW611-IW620-D(600)	Dipole	I-PEX	
53	1/2	1/2	1	SONY	IW611-IW620-D(610)	Dipole	I-PEX	
54	1/2	1/2	1	SONY	IW611-IW620-D(620)	Dipole	I-PEX	
55	1/2	1/2	1	SONY	IW611-IW620-D(630)	Dipole	I-PEX	
56	1/2	1/2	1	SONY	IW611-IW620-D(640)	Dipole	I-PEX	
57	1/2	1/2	1	SONY	IW611-IW620-D(650)	Dipole	I-PEX	
58	1/2	1/2	1	SONY	IW611-IW620-D(660)	Dipole	I-PEX	
59	1/2	1/2	1	SONY	IW611-IW620-D(670)	Dipole	I-PEX	
60	1/2	1/2	1	SONY	IW611-IW620-D(680)	Dipole	I-PEX	
61	1/2	1/2	1	SONY	IW611-IW620-D(690)	Dipole	I-PEX	
62	1/2	1/2	1	SONY	IW611-IW620-D(700)	Dipole	I-PEX	
63	1/2	1/2	1	SONY	IW611-IW620-D(710)	Dipole	I-PEX	
64	1/2	1/2	1	SONY	IW611-IW620-D(720)	Dipole	I-PEX	
65	1/2	1/2	1	SONY	IW611-IW620-D(730)	Dipole	I-PEX	
66	1/2	1/2	1	SONY	IW611-IW620-D(740)	Dipole	I-PEX	
67	1/2	1/2	1	SONY	IW611-IW620-D(750)	Dipole	I-PEX	
68	1/2	1/2	1	SONY	IW611-IW620-D(760)	Dipole	I-PEX	
69	1/2	1/2	1	SONY	IW611-IW620-D(770)	Dipole	I-PEX	
70	1/2	1/2	1	SONY	IW611-IW620-D(780)	Dipole	I-PEX	
71	1/2	1/2	1	SONY	IW611-IW620-D(790)	Dipole	I-PEX	
72	1/2	1/2	1	SONY	IW611-IW620-D(800)	Dipole	I-PEX	
73	1/2	1/2	1	SONY	IW611-IW620-G(100)	Dipole	I-PEX	
74	1/2	1/2	1	SONY	IW611-IW620-G(110)	Dipole	I-PEX	
75	1/2	1/2	1	SONY	IW611-IW620-G(120)	Dipole	I-PEX	
76	1/2	1/2	1	SONY	IW611-IW620-G(130)	Dipole	I-PEX	
77	1/2	1/2	1	SONY	IW611-IW620-G(140)	Dipole	I-PEX	
78	1/2	1/2	1	SONY	IW611-IW620-G(150)	Dipole	I-PEX	
79	1/2	1/2	1	SONY	IW611-IW620-G(160)	Dipole	I-PEX	
80	1/2	1/2	1	SONY	IW611-IW620-G(170)	Dipole	I-PEX	

81	1/2	1/2	1	SONY	IW611-IW620-G(180)	Dipole	I-PEX	Note 1
82	1/2	1/2	1	SONY	IW611-IW620-G(190)	Dipole	I-PEX	
83	1/2	1/2	1	SONY	IW611-IW620-G(200)	Dipole	I-PEX	
84	1/2	1/2	1	SONY	IW611-IW620-G(210)	Dipole	I-PEX	
85	1/2	1/2	1	SONY	IW611-IW620-G(220)	Dipole	I-PEX	
86	1/2	1/2	1	SONY	IW611-IW620-G(230)	Dipole	I-PEX	
87	1/2	1/2	1	SONY	IW611-IW620-G(240)	Dipole	I-PEX	
88	1/2	1/2	1	SONY	IW611-IW620-G(250)	Dipole	I-PEX	
89	1/2	1/2	1	SONY	IW611-IW620-G(260)	Dipole	I-PEX	
90	1/2	1/2	1	SONY	IW611-IW620-G(270)	Dipole	I-PEX	
91	1/2	1/2	1	SONY	IW611-IW620-G(280)	Dipole	I-PEX	
92	1/2	1/2	1	SONY	IW611-IW620-G(290)	Dipole	I-PEX	
93	1/2	1/2	1	SONY	IW611-IW620-G(300)	Dipole	I-PEX	
94	1/2	1/2	1	SONY	IW611-IW620-G(310)	Dipole	I-PEX	
95	1/2	1/2	1	SONY	IW611-IW620-G(320)	Dipole	I-PEX	
96	1/2	1/2	1	SONY	IW611-IW620-G(330)	Dipole	I-PEX	
97	1/2	1/2	1	SONY	IW611-IW620-G(340)	Dipole	I-PEX	
98	1/2	1/2	1	SONY	IW611-IW620-G(350)	Dipole	I-PEX	
99	1/2	1/2	1	SONY	IW611-IW620-G(360)	Dipole	I-PEX	
100	1/2	1/2	1	SONY	IW611-IW620-G(370)	Dipole	I-PEX	
101	1/2	1/2	1	SONY	IW611-IW620-G(380)	Dipole	I-PEX	
102	1/2	1/2	1	SONY	IW611-IW620-G(390)	Dipole	I-PEX	
103	1/2	1/2	1	SONY	IW611-IW620-G(400)	Dipole	I-PEX	
104	1/2	1/2	1	SONY	IW611-IW620-G(410)	Dipole	I-PEX	
105	1/2	1/2	1	SONY	IW611-IW620-G(420)	Dipole	I-PEX	
106	1/2	1/2	1	SONY	IW611-IW620-G(430)	Dipole	I-PEX	
107	1/2	1/2	1	SONY	IW611-IW620-G(440)	Dipole	I-PEX	
108	1/2	1/2	1	SONY	IW611-IW620-G(450)	Dipole	I-PEX	
109	1/2	1/2	1	SONY	IW611-IW620-G(460)	Dipole	I-PEX	
110	1/2	1/2	1	SONY	IW611-IW620-G(470)	Dipole	I-PEX	
111	1/2	1/2	1	SONY	IW611-IW620-G(480)	Dipole	I-PEX	
112	1/2	1/2	1	SONY	IW611-IW620-G(490)	Dipole	I-PEX	
113	1/2	1/2	1	SONY	IW611-IW620-G(500)	Dipole	I-PEX	
114	1/2	1/2	1	SONY	IW611-IW620-G(510)	Dipole	I-PEX	
115	1/2	1/2	1	SONY	IW611-IW620-G(520)	Dipole	I-PEX	
116	1/2	1/2	1	SONY	IW611-IW620-G(530)	Dipole	I-PEX	
117	1/2	1/2	1	SONY	IW611-IW620-G(540)	Dipole	I-PEX	
118	1/2	1/2	1	SONY	IW611-IW620-G(550)	Dipole	I-PEX	
119	1/2	1/2	1	SONY	IW611-IW620-G(560)	Dipole	I-PEX	
120	1/2	1/2	1	SONY	IW611-IW620-G(570)	Dipole	I-PEX	
121	1/2	1/2	1	SONY	IW611-IW620-G(580)	Dipole	I-PEX	
122	1/2	1/2	1	SONY	IW611-IW620-G(590)	Dipole	I-PEX	

123	1/2	1/2	1	SONY	IW611-IW620-G(600)	Dipole	I-PEX	
124	1/2	1/2	1	SONY	IW611-IW620-G(610)	Dipole	I-PEX	
125	1/2	1/2	1	SONY	IW611-IW620-G(620)	Dipole	I-PEX	
126	1/2	1/2	1	SONY	IW611-IW620-G(630)	Dipole	I-PEX	
127	1/2	1/2	1	SONY	IW611-IW620-G(640)	Dipole	I-PEX	
128	1/2	1/2	1	SONY	IW611-IW620-G(650)	Dipole	I-PEX	
129	1/2	1/2	1	SONY	IW611-IW620-G(660)	Dipole	I-PEX	
130	1/2	1/2	1	SONY	IW611-IW620-G(670)	Dipole	I-PEX	
131	1/2	1/2	1	SONY	IW611-IW620-G(680)	Dipole	I-PEX	
132	1/2	1/2	1	SONY	IW611-IW620-G(690)	Dipole	I-PEX	
133	1/2	1/2	1	SONY	IW611-IW620-G(700)	Dipole	I-PEX	Note 1
134	1/2	1/2	1	SONY	IW611-IW620-G(710)	Dipole	I-PEX	
135	1/2	1/2	1	SONY	IW611-IW620-G(720)	Dipole	I-PEX	
136	1/2	1/2	1	SONY	IW611-IW620-G(730)	Dipole	I-PEX	
137	1/2	1/2	1	SONY	IW611-IW620-G(740)	Dipole	I-PEX	
138	1/2	1/2	1	SONY	IW611-IW620-G(750)	Dipole	I-PEX	
139	1/2	1/2	1	SONY	IW611-IW620-G(760)	Dipole	I-PEX	
140	1/2	1/2	1	SONY	IW611-IW620-G(770)	Dipole	I-PEX	
141	1/2	1/2	1	SONY	IW611-IW620-G(780)	Dipole	I-PEX	
142	1/2	1/2	1	SONY	IW611-IW620-G(790)	Dipole	I-PEX	
143	1/2	1/2	1	SONY	IW611-IW620-G(800)	Dipole	I-PEX	

WLAN Port1 / WLAN Port2 / BT Port 1 Location



Note 1:

Ant.	Gain (dBi)	
	WLAN 2.4GHz/Bluetooth	WLAN 5GHz
1	2.98	5.16
2	0.38	1.68
3	0.35	1.63
4	0.32	1.59
5	0.28	1.54
6	0.25	1.49
7	0.22	1.45
8	0.19	1.4
9	0.16	1.36
10	0.13	1.31
11	0.09	1.26
12	0.06	1.22
13	0.03	1.17
14	0.00	1.12
15	-0.03	1.08
16	-0.06	1.03
17	-0.10	0.99
18	-0.13	0.94
19	-0.16	0.89
20	-0.19	0.85
21	-0.22	0.8
22	-0.25	0.75
23	-0.29	0.71
24	-0.32	0.66
25	-0.35	0.62
26	-0.38	0.57
27	-0.41	0.52
28	-0.44	0.48
29	-0.48	0.43
30	-0.51	0.38
31	-0.54	0.34
32	-0.57	0.29
33	-0.60	0.24
34	-0.63	0.2
35	-0.67	0.15
36	-0.70	0.11
37	-0.73	0.06
38	-0.76	0.01

39	-0.79	-0.03
40	-0.82	-0.08
41	-0.86	-0.13
42	-0.89	-0.17
43	-0.92	-0.22
44	-0.95	-0.26
45	-0.98	-0.31
46	-1.01	-0.36
47	-1.05	-0.4
48	-1.08	-0.45
49	-1.11	-0.5
50	-1.14	-0.54
51	-1.17	-0.59
52	-1.21	-0.64
53	-1.24	-0.68
54	-1.27	-0.73
55	-1.30	-0.77
56	-1.33	-0.82
57	-1.36	-0.87
58	-1.40	-0.91
59	-1.43	-0.96
60	-1.46	-1.01
61	-1.49	-1.05
62	-1.52	-1.1
63	-1.55	-1.14
64	-1.59	-1.19
65	-1.62	-1.24
66	-1.65	-1.28
67	-1.68	-1.33
68	-1.71	-1.38
69	-1.74	-1.42
70	-1.78	-1.47
71	-1.81	-1.51
72	-1.84	-1.56
73	0.29	1.36
74	0.26	1.31
75	0.23	1.27
76	0.19	1.22
77	0.16	1.17
78	0.13	1.13
79	0.10	1.08

80	0.07	1.04
81	0.04	0.99
82	0.00	0.94
83	-0.03	0.9
84	-0.06	0.85
85	-0.09	0.8
86	-0.12	0.76
87	-0.15	0.71
88	-0.19	0.67
89	-0.22	0.62
90	-0.25	0.57
91	-0.28	0.53
92	-0.31	0.48
93	-0.34	0.43
94	-0.38	0.39
95	-0.41	0.34
96	-0.44	0.3
97	-0.47	0.25
98	-0.50	0.2
99	-0.53	0.16
100	-0.57	0.11
101	-0.60	0.06
102	-0.63	0.02
103	-0.66	-0.03
104	-0.69	-0.08
105	-0.72	-0.12
106	-0.76	-0.17
107	-0.79	-0.21
108	-0.82	-0.26
109	-0.85	-0.31
110	-0.88	-0.35
111	-0.91	-0.4
112	-0.95	-0.45
113	-0.98	-0.49
114	-1.01	-0.54
115	-1.04	-0.58
116	-1.07	-0.63
117	-1.10	-0.68
118	-1.14	-0.72
119	-1.17	-0.77
120	-1.20	-0.82

121	-1.23	-0.86
122	-1.26	-0.91
123	-1.30	-0.96
124	-1.33	-1
125	-1.36	-1.05
126	-1.39	-1.09
127	-1.42	-1.14
128	-1.45	-1.19
129	-1.49	-1.23
130	-1.52	-1.28
131	-1.55	-1.33
132	-1.58	-1.37
133	-1.61	-1.42
134	-1.64	-1.46
135	-1.68	-1.51
136	-1.71	-1.56
137	-1.74	-1.6
138	-1.77	-1.65
139	-1.80	-1.7
140	-1.83	-1.74
141	-1.87	-1.79
142	-1.90	-1.83
143	-1.93	-1.88

Note2: The above information was declared by manufacturer.

For the radiated test: The EUT has two types of antenna. Only the highest gain antenna was selected from each different type of antenna to test and record in this report. Thus, Antenna 1 and 2 were selected to perform the test.

For the conducted test: The EUT has two types of antenna. Only the highest gain antenna was selected to test and record in this report. Thus, Antenna 1 was selected to perform the test.

<For WLAN 2.4GHz function>

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

<For WLAN 5GHz function>

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

<For Bluetooth function> (1TX/1RX):

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

Each antenna port, please refer to the photographs of EUT.

Note 3: Directional gain information

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

Ex.

Directional Gain (NSS1) formula : $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left[\sum_{k=1}^{N_{ANT}} g_{j,k}\right]^2}{N_{ANT}}\right]$

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

$g_{j,k}$ =(Nss1(g1,1) + Nss1(g1,2))^2

DG = 10 log[(Nss1(g1,1) + Nss1(g1,2))^2 / N_{ANT}]

=> 10 log[($10^{G1/20}$ + $10^{G2/20}$)^2 / N_{ANT}]

Where ;

Antenna Gain

2.4G G1 = 2.98 dBi; G2 = 2.98 dBi

5G Band1 G1 = 5.16dBi; G2 = 5.16 dBi

5G Band2 G1 = 5.16dBi; G2 = 5.16 dBi

5G Band3 G1 = 5.16dBi; G2 = 5.16 dBi

5G Band4 G1 = 5.16dBi; G2 = 5.16 dBi

2.4G

DG = 5.99 dBi

5G

Band1 DG = 8.17 dBi

Band2 DG = 8.17 dBi

Band3 DG = 8.17 dBi

Band4 DG = 8.17 dBi

1.1.3 Test Mode of Partial RU

Mode	Partial RU		
802.11ax HEW20	26	52	106
802.11ax HEW40	242		
802.11ax HEW80	484		

1.1.4 Mode Test Duty Cycle

<Full RU>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.834	0.79	1.434m	1k
802.11ax HEW20	0.917	0.38	3.903m	300
802.11ax HEW40	0.889	0.51	1.98m	1k
802.11ax HEW80	0.782	1.07	978.75u	3k

<Partial RU>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
ax20,RU26	0.826	0.83	1.36m	1k
ax20,RU52	0.861	0.65	1.36m	1k
ax20,RU106	0.884	0.54	1.36m	1k
ax40,RU242	0.96	0.18	1.36m	1k
ax80,RU484	0.739	1.31	1.359m	1k

Note:
- DC is Duty Cycle.
- DCF is Duty Cycle Factor.

1.1.5 EUT Operational Condition

EUT Power Type	From host system			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for 11n/VHT/11ax in 2.4GHz and 11n/11ac/11ax in 5GHz			
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Function	☐	Outdoor P2M	☐	Indoor P2M
	☐	Fixed P2P	☒	Client
	☒	Point-to-multipoint	☐	Point-to-point
TPC Function	☒	With TPC	☐	Without TPC
Channel Puncturing Function	☐	Supported	☒	Unsupported
Support RU	☒	Full RU	☒	Partial RU
Test Software Version	DutApiMimoApApp (V 1.0.0.114)、DOS[ver 6.1.7601]			

Note: The above information was declared by manufacturer.

1.1.6 Table for Hardware Information

Hardware Version	Description
V04	The difference between V04 and V05 is the layout of DC-DC power and xtal.
V05	All RF layouts are the same.

Note: The above information was declared by manufacturer.

1.1.7 Table for EUT Combination

EUT	Hardware Version	Antenna Trace Type	Equip Antenna
1	V04	Design to PIFA use	Ant. 1
2	V05	Design to PIFA use	Ant. 1
3	V04	Design to Dipole use	Ant. 2~143
4	V05	Design to Dipole use	Ant. 2~143

Note:

After evaluating, the EUT 1~4 were selected to test AC power-line conducted emissions and Unwanted Emissions Bands below 1GHz. The EUT 2 and EUT 4 were selected to test Unwanted Emissions above 1GHz. The EUT 2 was selected to test other test items.

1.2 Applicable Standards

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

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

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

- FCC KDB 662911 D01 v02r01
- FCC KDB 412172 D01 v01r01
- FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH03-CB	Eason Chen	24.1-25.1 / 62-68	Nov. 11, 2022 ~ Jan. 18, 2023
Radiated (Below 1GHz)	03CH06-CB	Stim Sung	24.4-25.5 / 55-58	Jan. 30, 2023 ~ Jan. 31, 2023
Radiated (Above 1GHz)	03CH01-CB	Ken Yeh	21.6~22.1 / 59~62	Nov. 05, 2022 ~ Jan. 16, 2023
	03CH02-CB	Ken Yeh	21.9~22.3 / 60~65	Nov. 05, 2022 ~ Jan. 16, 2023
	03CH03-CB	Ken Yeh	21.8~22.2 / 61~64	Nov. 05, 2022 ~ Jan. 16, 2023
AC Conduction	CO01-CB	Elvin Yeh	22~23 / 50~51	Feb. 09, 2023

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	5.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.7 dB	Confidence levels of 95%
Conducted Emission	3.2 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.2 dB	Confidence levels of 95%
Bandwidth Measurement	2.0 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

<Full RU>

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	16
5200MHz	15.5
5240MHz	15
5260MHz	15
5300MHz	13
5320MHz	13
5500MHz	13.5
5580MHz	15.5
5700MHz	16
5720MHz Straddle 5.47-5.725GHz	16
5720MHz Straddle 5.725-5.85GHz	16
5745MHz	17
5785MHz	18
5825MHz	19
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5180MHz	16.5
5200MHz	16
5240MHz	16
5260MHz	15
5300MHz	13
5320MHz	14
5500MHz	13.5
5580MHz	16
5700MHz	15
5720MHz Straddle 5.47-5.725GHz	16
5720MHz Straddle 5.725-5.85GHz	16
5745MHz	14
5785MHz	16
5825MHz	19
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5190MHz	14
5230MHz	19.5
5270MHz	19
5310MHz	13.5

Mode	Power Setting
5510MHz	13.5
5550MHz	16.5
5670MHz	17
5710MHz Straddle 5.47-5.725GHz	17
5710MHz Straddle 5.725-5.85GHz	17
5755MHz	19
5795MHz	18.5
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5210MHz	11
5290MHz	10
5530MHz	10.5
5610MHz	16
5690MHz Straddle 5.47-5.725GHz	19
5690MHz Straddle 5.725-5.85GHz	19
5775MHz	16.5
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5180MHz	16.5
5200MHz	16
5240MHz	16
5260MHz	15
5300MHz	13
5320MHz	14
5500MHz	13.5
5580MHz	16
5700MHz	15
5720MHz Straddle 5.47-5.725GHz	16
5720MHz Straddle 5.725-5.85GHz	16
5745MHz	14
5785MHz	16
5825MHz	19
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5190MHz	14
5230MHz	18
5270MHz	18
5310MHz	13.5
5510MHz	13.5
5550MHz	16.5
5670MHz	17
5710MHz Straddle 5.47-5.725GHz	17
5710MHz Straddle 5.725-5.85GHz	17

Mode	Power Setting
5755MHz	19
5795MHz	18.5
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5210MHz	11
5290MHz	10
5530MHz	10.5
5610MHz	16
5690MHz Straddle 5.47-5.725GHz	18.5
5690MHz Straddle 5.725-5.85GHz	18.5
5775MHz	16.5

<Partial RU>

Mode	Power Setting
ax20,RU26_20MHz_Nss1,(MCS0)_2TX	-
5180MHz	8
5320MHz	6
5500MHz	6
5720MHz Straddle 5.47-5.725GHz	6
5720MHz Straddle 5.725-5.85GHz	6
5745MHz	6
5825MHz	9
ax20,RU52_20MHz_Nss1,(MCS0)_2TX	-
5180MHz	10
5320MHz	9
5500MHz	9
5720MHz Straddle 5.47-5.725GHz	10
5720MHz Straddle 5.725-5.85GHz	10
5745MHz	8
5825MHz	10
ax20,RU106_20MHz_Nss1,(MCS0)_2TX	-
5180MHz	10
5320MHz	10
5500MHz	10
5720MHz Straddle 5.47-5.725GHz	10
5720MHz Straddle 5.725-5.85GHz	10
5745MHz	10
5825MHz	10
ax40,RU242_40MHz_Nss1,(MCS0)_2TX	-
5190MHz	10
5310MHz	10

Mode	Power Setting
5510MHz	10
5710MHz Straddle 5.47-5.725GHz	10
5710MHz Straddle 5.725-5.85GHz	10
5755MHz	10
5795MHz	10
ax80,RU484_80MHz_Nss1,(MCS0)_2TX	-
5210MHz	9
5290MHz	8
5530MHz	8
5610MHz	10
5690MHz Straddle 5.47-5.725GHz	10
5690MHz Straddle 5.725-5.85GHz	10
ax80,RU484(65)_80MHz_Nss1,(MCS0)_2TX	-
5775MHz	10
ax80,RU484(66)_80MHz_Nss1,(MCS0)_2TX	-
5775MHz	10

Note:
- Evaluated HEW20/HEW40/HEW80 mode only. Due to similar modulation, The power setting of HT20/HT40/VHT20/VHT40/VHT80 mode are the same or lower than HEW20/HEW40/HEW80.
- The EUT supports non-beamforming and beamforming modes, after evaluating, the non-beamforming mode has been evaluated to be the worst case, so it was selected to test. The beamforming mode evaluates the output power only.

2.2 The Worst Case Measurement Configuration

<Full RU>

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	Normal Link
1	Normal Link:EUT1-WLAN 2.4GHz+Bluetooth+Ant. 1
2	Normal Link:EUT1-WLAN 5GHz+Bluetooth+Ant. 1
3	Normal Link:EUT2-WLAN 2.4GHz+Bluetooth+Ant. 1
4	Normal Link:EUT2-WLAN 5GHz+Bluetooth+Ant. 1
5	Normal Link:EUT3-WLAN 2.4GHz+Bluetooth+Ant. 2
6	Normal Link:EUT3-WLAN 5GHz+Bluetooth+Ant. 2
7	Normal Link:EUT4-WLAN 2.4GHz+Bluetooth+Ant. 2
8	Normal Link:EUT4-WLAN 5GHz+Bluetooth+Ant. 2
For operating mode 1 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Output Power Power Spectral Density
Test Condition	Conducted measurement at transmit chains
Operating Mode	CTX
1	EUT2+Ant. 1

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
1	EUT1 in X axis-WLAN 2.4GHz+Bluetooth+Ant. 1
2	EUT1 in Y axis-WLAN 2.4GHz+Bluetooth+Ant. 1
3	EUT1 in Z axis-WLAN 2.4GHz+Bluetooth+Ant. 1
Mode 3 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4 will follow this same test mode.	
4	EUT1 in Z axis-WLAN 5GHz+Bluetooth+Ant. 1

Mode 3 has been evaluated to be the worst case among Mode 1~4, thus measurement for Mode 5 will follow this same test mode.	
5	EUT2 in Z axis-WLAN 2.4GHz+Bluetooth+Ant. 1
6	EUT3 in X axis-WLAN 2.4GHz+Bluetooth+Ant. 2
7	EUT3 in Y axis-WLAN 2.4GHz+Bluetooth+Ant. 2
8	EUT3 in Z axis-WLAN 2.4GHz+Bluetooth+Ant. 2
Mode 6 has been evaluated to be the worst case among Mode 6~8, thus measurement for Mode 9 will follow this same test mode.	
9	EUT3 in X axis-WLAN 5GHz+Bluetooth+Ant. 2
Mode 6 has been evaluated to be the worst case among Mode 6~9, thus measurement for Mode 10 will follow this same test mode.	
10	EUT4 in X axis-WLAN 2.4GHz+Bluetooth+Ant. 2
For operating mode 3 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
The EUT was performed at X axis, Y axis and Z axis position, and the worst case as below:	
1	EUT 2 in Y axis+Ant. 1
2	EUT 4 in X axis+Ant. 2

<Partial RU>

The Worst Case Mode for Following Conformance Tests	
Tests Item	Maximum Output Power Power Spectral Density
Test Condition	Conducted measurement at transmit chains
Operating Mode	CTX
1	EUT2+Ant. 1

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

N/A

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Fixture	Azurewave	2455-I4	N/A
B	NB	acer	ZQW	N/A
C	Earphone	e-Power	S90W	N/A
D	Mouse	acer	MOBVUO	N/A
E	Smart phone	Samsung	Galaxy J2	A3LSMJ200F
F	AP Router	TP-LINK	Archer AX10	TE7AX10V1

For Radiated (below 1GHz):

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	Fixture	Azurewave	2455-I4	N/A
C	WLAN AP	NETGEAR	WNDR3300v2	PY309300116
D	iPhone 4	Apple	A1332	BCG-E2380A
E	Mouse	Logitech	M-U0026	N/A
F	Earphone	e-Power	S90W	N/A

For Radiated (above 1GHz):
Mode 1:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	NB	DELL	E4300	N/A
C	Fixture	Azurewave	2455-I4	N/A

Mode 2:

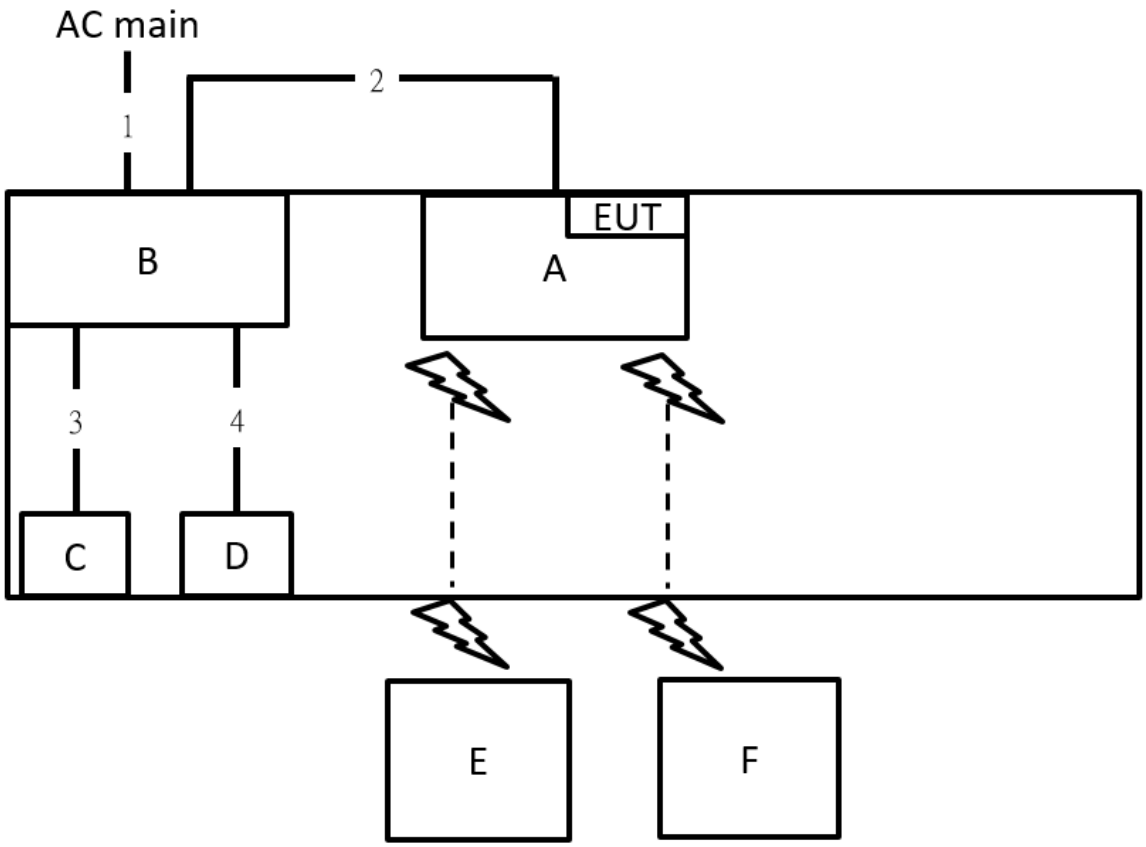
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	NB	DELL	E4300	N/A
C	Fixture	Azurewave	2455-I5	N/A

For RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	NB	DELL	E4300	N/A
C	Fixture	Azurewave	2455-I4	N/A

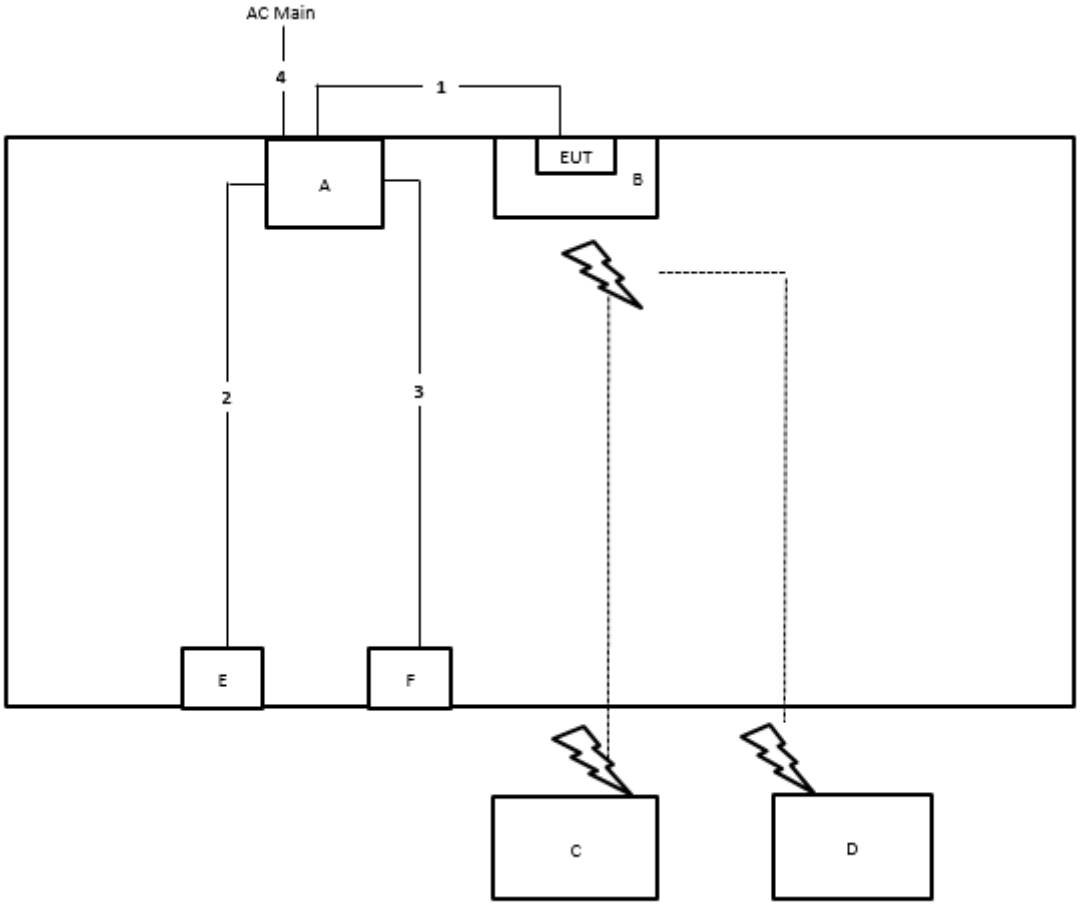
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



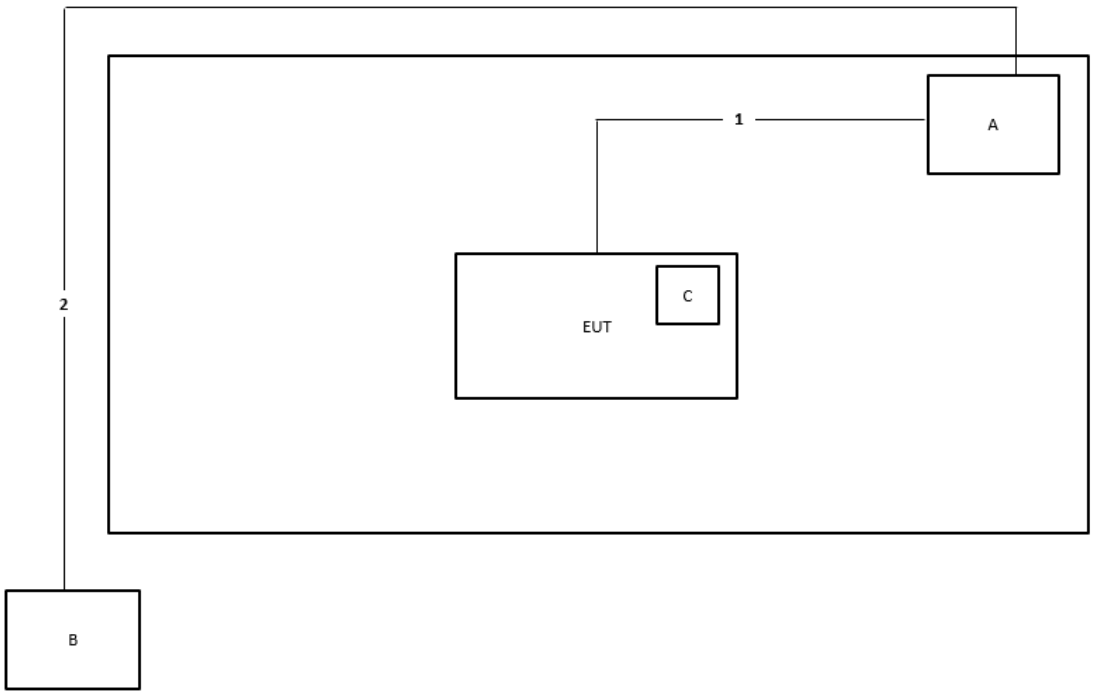
Item	Connection	Shielded	Length
1	Power cable	No	2.9m
2	USB to Type C cable	Yes	1m
3	Audio cable	No	1.2m
4	USB cable	Yes	1m

Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	USB to Type C cable	Yes	0.3m
2	USB cable	Yes	1m
3	Audio cable	No	1.2m
4	Power cable	No	1.5m

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	USB to Type C cable	Yes	1.5m
2	RJ-45 cable	No	10m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	**Quasi-Peak**	**Average**
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

3.1.2 Measuring Instruments

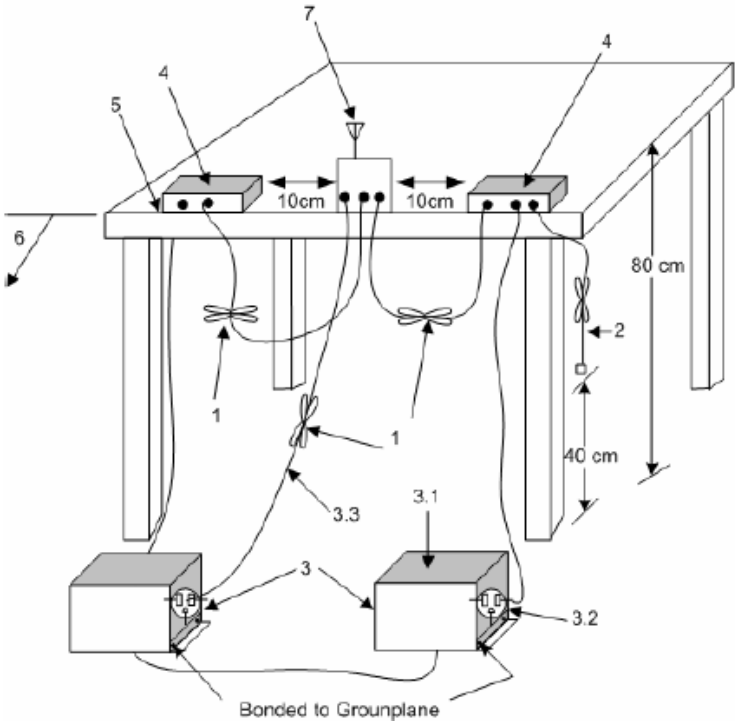
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

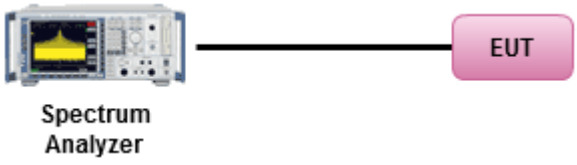
3.2.2 Measuring Instruments

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 FCC KDB 789033 D02, clause C for EBW and clause D for OBW measurement.
	☐ Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.
	☐ Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Output Power

3.3.1 Limit

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

3.3.2 Measuring Instruments

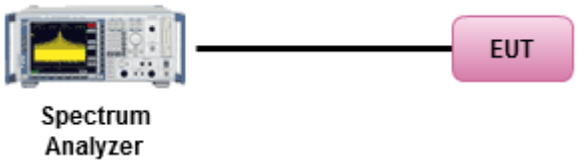
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

Test Method	
	Average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
	☐ Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033 D02, clause E Method PM-G (using an RF average power meter).
☒	For conducted measurement.
	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$
☐	For radiated measurement.
	▪ Refer as FCC KDB 789033 D02 clause II A.1.F ”Antenna-port Conducted versus Radiated Testing”
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	▪ Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.3.4 Test Setup

For Straddle channel

Conducted Measurement (Spectrum Analyzer)


For others channel

Conducted Measurement (Power Meter)


3.3.5 Test Result of Maximum Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Limit

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

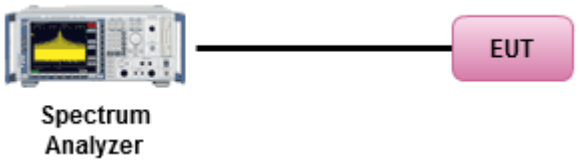
Refer a test equipment and calibration data table in this test report.

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

Test Method	
	▪ Refer as FCC KDB 789033 D02 clause II A.1.F ”Antenna-port Conducted versus Radiated Testing”
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	▪ Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.4.4 Test Setup

Conducted Measurement


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	**Field Strength (uV/m)**	**Field Strength (dBuV/m)**	**Measure Distance (m)**
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

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

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

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

Un-restricted band emissions above 1GHz Limit	
Operating Band	**Limit**
☒ 5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.725 - 5.85 GHz	all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

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).

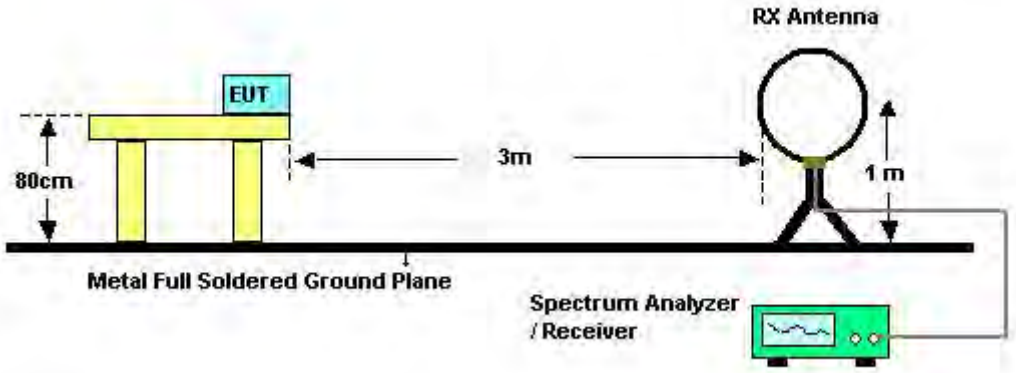
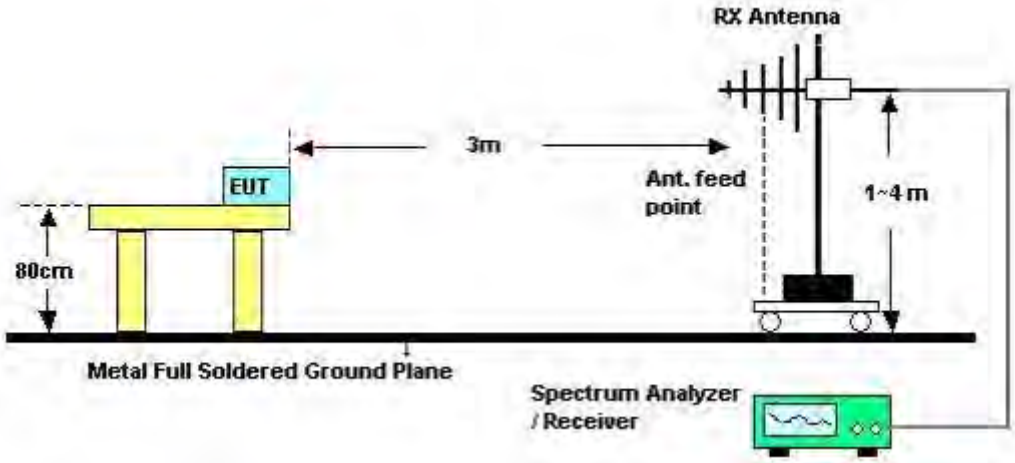
3.5.2 Measuring Instruments

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

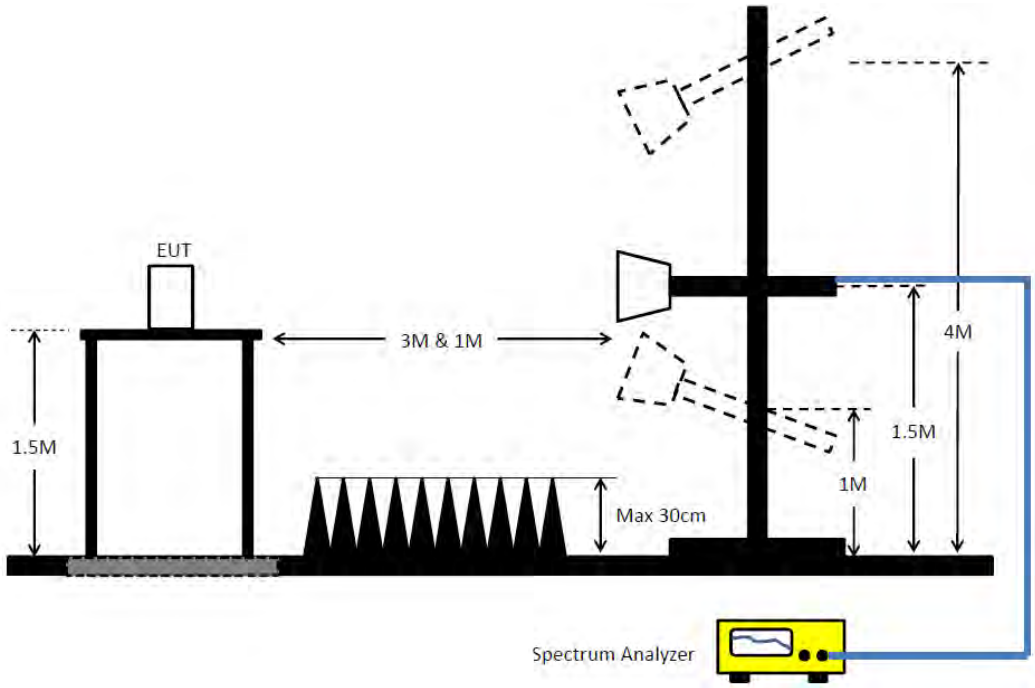
3.5.3 Test Procedures

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 ≥ 98 or duty factor].		
▪ For the transmitter unwanted emissions shall be measured using following options below:		
	▪ Refer as FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands.	
	▪ Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.	
		☐ Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging).
		☒ Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).
		☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
		☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
		☒ Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.
		☐ Refer as 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.		

3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.5.5 Measurement Results Calculation

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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.
The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Feb. 22, 2022	Feb. 21, 2023	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Dec. 20, 2022	Dec. 19, 2023	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 12, 2022	Apr. 11, 2023	Conduction (CO01-CB)
Pulse Limiter	Rohde& Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 09, 2023	Feb. 08, 2024	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 18, 2022	Oct. 17, 2023	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH06-CB	30 MHz ~ 1 GHz	Aug. 04, 2022	Aug. 03. 2023	Radiation (03CH06-CB)
Bilog Antenna with 6 dB attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37878 & AT-N0606	20MHz ~ 2GHz	Jul. 31, 2022	Jul. 30, 2023	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	310N	187290	0.1MHz ~ 1GHz	Nov. 04, 2022	Nov. 03, 2023	Radiation (03CH06-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	Apr. 26, 2022	Apr. 25, 2023	Radiation (03CH06-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 17, 2022	Jun. 16, 2023	Radiation (03CH06-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	May 14, 2022	May 13, 2023	Radiation (03CH06-CB)
RF Cable-low	Woken	RG402	Low Cable-24+68	30MHz~1GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 06, 2022	May 05, 2023	Radiation (03CH01-CB)
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Nov. 04, 2022	Nov. 03, 2023	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 19, 2022	May 18, 2023	Radiation (03CH01-CB)
Pre-Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	Aug. 23 2022	Aug. 22 2023	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	May 06, 2022	May 05, 2023	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH01-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 26, 2022	Mar. 25, 2023	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 19, 2022	Apr. 18, 2023	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH02-CB)
Pre-Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	Aug. 23 2022	Aug. 22 2023	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSP	100593	9kHz~40GHz	Apr. 08, 2022	Apr. 07, 2023	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Jan. 07, 2022	Jan. 06, 2023	Conducted (TH03-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Dec. 30, 2022	Dec. 29, 2023	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1531344	300MHz~40GHz	Jul. 31, 2022	Jul. 30, 2023	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1728002	300MHz~40GHz	Jul. 31, 2022	Jul. 30, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1 GHz –26.5 GHz	Oct. 04, 2022	Oct. 03, 2023	Conducted (TH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)

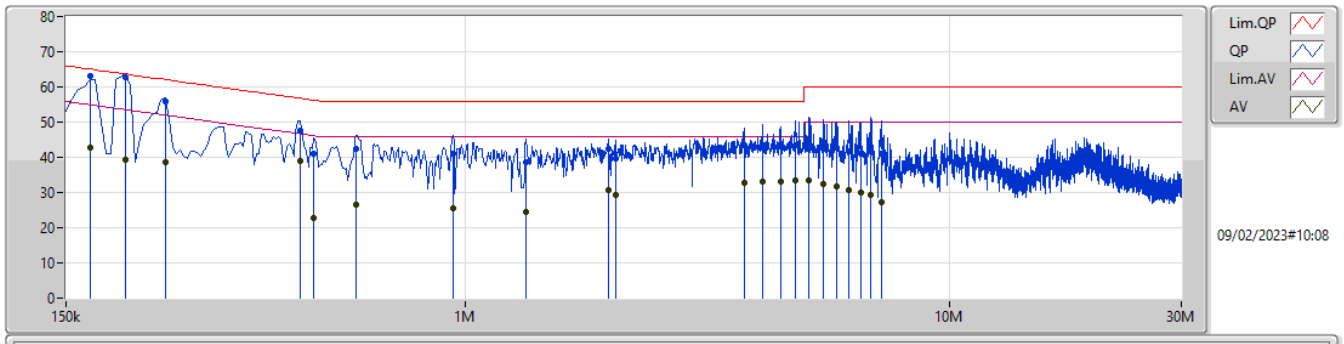
Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.

Summary

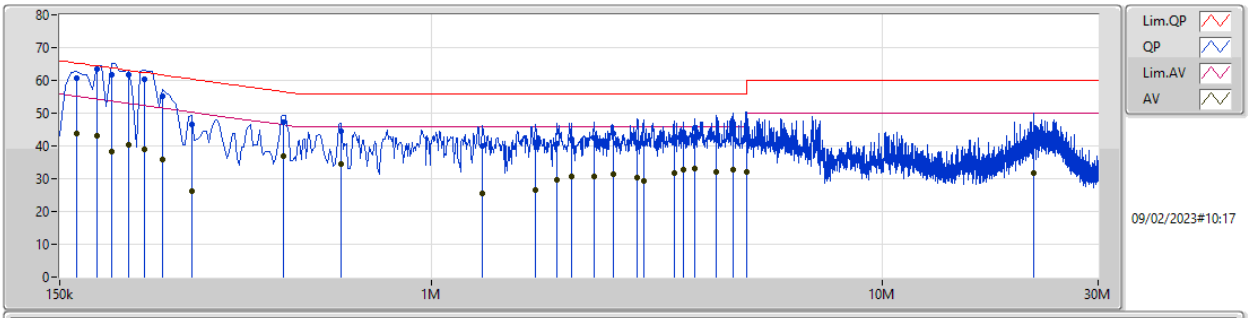
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	181.5k	63.40	64.41	-1.01	Neutral

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	168k	63.11	65.06	-1.95	9.99	Line	-	53.12	0.06	0.04	9.89
AV	168k	42.81	55.06	-12.25	9.99	Line	-	32.82	0.06	0.04	9.89
QP	199.5k	62.61	63.63	-1.02	9.99	Line	"Worst"	52.62	0.06	0.04	9.89
AV	199.5k	39.46	53.63	-14.17	9.99	Line	-	29.47	0.06	0.04	9.89
QP	240k	55.92	62.10	-6.18	10.00	Line	-	45.92	0.06	0.05	9.89
AV	240k	38.79	52.10	-13.31	10.00	Line	-	28.79	0.06	0.05	9.89
QP	456k	47.55	56.76	-9.21	10.01	Line	-	37.54	0.06	0.06	9.89
AV	456k	38.95	46.76	-7.81	10.01	Line	-	28.94	0.06	0.06	9.89
QP	487.5k	41.14	56.21	-15.07	10.01	Line	-	31.13	0.06	0.06	9.89
AV	487.5k	22.64	46.21	-23.57	10.01	Line	-	12.63	0.06	0.06	9.89
QP	595.5k	42.41	56.00	-13.59	10.00	Line	-	32.41	0.06	0.05	9.89
AV	595.5k	26.65	46.00	-19.35	10.00	Line	-	16.65	0.06	0.05	9.89
QP	942k	41.04	56.00	-14.96	10.00	Line	-	31.04	0.07	0.04	9.89
AV	942k	25.42	46.00	-20.58	10.00	Line	-	15.42	0.07	0.04	9.89
QP	1.334M	38.64	56.00	-17.36	10.03	Line	-	28.61	0.08	0.06	9.89
AV	1.334M	24.44	46.00	-21.56	10.03	Line	-	14.41	0.08	0.06	9.89
QP	1.973M	42.50	56.00	-13.50	10.07	Line	-	32.43	0.09	0.09	9.89
AV	1.973M	30.73	46.00	-15.27	10.07	Line	-	20.66	0.09	0.09	9.89
QP	2.04M	39.80	56.00	-16.20	10.07	Line	-	29.73	0.09	0.09	9.89
AV	2.04M	29.44	46.00	-16.56	10.07	Line	-	19.37	0.09	0.09	9.89
QP	3.755M	43.40	56.00	-12.60	10.11	Line	-	33.29	0.12	0.10	9.89
AV	3.755M	32.91	46.00	-13.09	10.11	Line	-	22.80	0.12	0.10	9.89
QP	4.101M	43.26	56.00	-12.74	10.11	Line	-	33.15	0.12	0.10	9.89
AV	4.101M	33.07	46.00	-12.93	10.11	Line	-	22.96	0.12	0.10	9.89
QP	4.47M	43.87	56.00	-12.13	10.13	Line	-	33.74	0.13	0.11	9.89
AV	4.47M	33.27	46.00	-12.73	10.13	Line	-	23.14	0.13	0.11	9.89
QP	4.803M	43.31	56.00	-12.69	10.14	Line	-	33.17	0.14	0.11	9.89
AV	4.803M	33.58	46.00	-12.42	10.14	Line	-	23.44	0.14	0.11	9.89
QP	5.114M	44.36	60.00	-15.64	10.17	Line	-	34.19	0.15	0.12	9.90
AV	5.114M	33.40	50.00	-16.60	10.17	Line	-	23.23	0.15	0.12	9.90
QP	5.483M	42.64	60.00	-17.36	10.17	Line	-	32.47	0.15	0.12	9.90
AV	5.483M	32.38	50.00	-17.62	10.17	Line	-	22.21	0.15	0.12	9.90
QP	5.838M	42.62	60.00	-17.38	10.18	Line	-	32.44	0.16	0.12	9.90
AV	5.838M	31.74	50.00	-18.26	10.18	Line	-	21.56	0.16	0.12	9.90
QP	6.189M	41.68	60.00	-18.32	10.20	Line	-	31.48	0.17	0.13	9.90
AV	6.189M	30.77	50.00	-19.23	10.20	Line	-	20.57	0.17	0.13	9.90
QP	6.531M	40.97	60.00	-19.03	10.20	Line	-	30.77	0.17	0.13	9.90
AV	6.531M	30.06	50.00	-19.94	10.20	Line	-	19.86	0.17	0.13	9.90
QP	6.851M	41.56	60.00	-18.44	10.22	Line	-	31.34	0.18	0.14	9.90
AV	6.851M	29.31	50.00	-20.69	10.22	Line	-	19.09	0.18	0.14	9.90
QP	7.211M	41.17	60.00	-18.83	10.22	Line	-	30.95	0.18	0.14	9.90
AV	7.211M	27.35	50.00	-22.65	10.22	Line	-	17.13	0.18	0.14	9.90

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	163.5k	60.75	65.27	-4.52	10.00	Neutral	-	50.75	0.07	0.04	9.89
AV	163.5k	43.63	55.27	-11.64	10.00	Neutral	-	33.63	0.07	0.04	9.89
QP	181.5k	63.40	64.41	-1.01	10.00	Neutral	"Worst"	53.40	0.07	0.04	9.89
AV	181.5k	43.08	54.41	-11.33	10.00	Neutral	-	33.08	0.07	0.04	9.89
QP	195k	61.58	63.82	-2.24	10.00	Neutral	-	51.58	0.07	0.04	9.89
AV	195k	38.32	53.82	-15.50	10.00	Neutral	-	28.32	0.07	0.04	9.89
QP	213k	61.74	63.09	-1.35	10.00	Neutral	-	51.74	0.07	0.04	9.89
AV	213k	40.47	53.09	-12.62	10.00	Neutral	-	30.47	0.07	0.04	9.89
QP	231k	60.33	62.41	-2.08	10.00	Neutral	-	50.33	0.07	0.04	9.89
AV	231k	38.99	52.41	-13.42	10.00	Neutral	-	28.99	0.07	0.04	9.89
QP	253.5k	55.16	61.64	-6.48	10.01	Neutral	-	45.15	0.07	0.05	9.89
AV	253.5k	35.80	51.64	-15.84	10.01	Neutral	-	25.79	0.07	0.05	9.89
QP	294k	46.44	60.42	-13.98	10.01	Neutral	-	36.43	0.07	0.05	9.89
AV	294k	26.27	50.42	-24.15	10.01	Neutral	-	16.26	0.07	0.05	9.89
QP	469.5k	47.41	56.52	-9.11	10.02	Neutral	-	37.39	0.07	0.06	9.89
AV	469.5k	36.82	46.52	-9.70	10.02	Neutral	-	26.80	0.07	0.06	9.89
QP	631.5k	44.36	56.00	-11.64	10.01	Neutral	-	34.35	0.07	0.05	9.89
AV	631.5k	34.48	46.00	-11.52	10.01	Neutral	-	24.47	0.07	0.05	9.89
QP	1.298M	40.07	56.00	-15.93	10.04	Neutral	-	30.03	0.09	0.06	9.89
AV	1.298M	25.36	46.00	-20.64	10.04	Neutral	-	15.32	0.09	0.06	9.89
QP	1.698M	41.19	56.00	-14.81	10.07	Neutral	-	31.12	0.10	0.08	9.89
AV	1.698M	26.48	46.00	-19.52	10.07	Neutral	-	16.41	0.10	0.08	9.89
QP	1.896M	40.78	56.00	-15.22	10.08	Neutral	-	30.70	0.10	0.09	9.89
AV	1.896M	29.54	46.00	-16.46	10.08	Neutral	-	19.46	0.10	0.09	9.89
QP	2.045M	42.19	56.00	-13.81	10.08	Neutral	-	32.11	0.10	0.09	9.89
AV	2.045M	30.73	46.00	-15.27	10.08	Neutral	-	20.65	0.10	0.09	9.89
QP	2.292M	42.27	56.00	-13.73	10.09	Neutral	-	32.18	0.11	0.09	9.89
AV	2.292M	30.80	46.00	-15.20	10.09	Neutral	-	20.71	0.11	0.09	9.89
QP	2.522M	43.95	56.00	-12.05	10.09	Neutral	-	33.86	0.11	0.09	9.89
AV	2.522M	31.42	46.00	-14.58	10.09	Neutral	-	21.33	0.11	0.09	9.89
QP	2.859M	41.20	56.00	-14.80	10.11	Neutral	-	31.09	0.12	0.10	9.89
AV	2.859M	30.28	46.00	-15.72	10.11	Neutral	-	20.17	0.12	0.10	9.89
QP	2.954M	40.71	56.00	-15.29	10.11	Neutral	-	30.60	0.12	0.10	9.89
AV	2.954M	29.37	46.00	-16.63	10.11	Neutral	-	19.26	0.12	0.10	9.89
QP	3.449M	42.63	56.00	-13.37	10.11	Neutral	-	32.52	0.12	0.10	9.89
AV	3.449M	31.89	46.00	-14.11	10.11	Neutral	-	21.78	0.12	0.10	9.89
QP	3.611M	44.00	56.00	-12.00	10.12	Neutral	-	33.88	0.13	0.10	9.89
AV	3.611M	32.90	46.00	-13.10	10.12	Neutral	-	22.78	0.13	0.10	9.89
QP	3.836M	45.36	56.00	-10.64	10.12	Neutral	-	35.24	0.13	0.10	9.89
AV	3.836M	33.21	46.00	-12.79	10.12	Neutral	-	23.09	0.13	0.10	9.89
QP	4.286M	42.13	56.00	-13.87	10.13	Neutral	-	32.00	0.14	0.10	9.89
AV	4.286M	32.15	46.00	-13.85	10.13	Neutral	-	22.02	0.14	0.10	9.89
QP	4.65M	44.99	56.00	-11.01	10.15	Neutral	-	34.84	0.15	0.11	9.89
AV	4.65M	32.93	46.00	-13.07	10.15	Neutral	-	22.78	0.15	0.11	9.89
QP	4.983M	42.12	56.00	-13.88	10.16	Neutral	-	31.96	0.16	0.11	9.89
AV	4.983M	32.09	46.00	-13.91	10.16	Neutral	-	21.93	0.16	0.11	9.89
QP	21.642M	41.59	60.00	-18.41	10.50	Neutral	-	31.09	0.30	0.24	9.96
AV	21.642M	31.85	50.00	-18.15	10.50	Neutral	-	21.35	0.30	0.24	9.96

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	20.34M	16.711M	16M7D1D	19.95M	16.605M
802.11ax HEW20_Nss1,(MCS0)_2TX	20.73M	18.798M	18M8D1D	20.58M	18.784M
802.11ax HEW40_Nss1,(MCS0)_2TX	65.28M	37.84M	37M8D1D	40.62M	37.55M
802.11ax HEW80_Nss1,(MCS0)_2TX	80.88M	77.575M	77M6D1D	80.76M	77.505M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.43M	16.707M	16M7D1D	20.01M	16.6M
802.11ax HEW20_Nss1,(MCS0)_2TX	20.85M	18.811M	18M8D1D	20.58M	18.769M
802.11ax HEW40_Nss1,(MCS0)_2TX	66.9M	37.776M	37M8D1D	40.62M	37.497M
802.11ax HEW80_Nss1,(MCS0)_2TX	81M	77.609M	77M6D1D	80.76M	77.534M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.52M	16.713M	16M7D1D	15.075M	13.334M
802.11ax HEW20_Nss1,(MCS0)_2TX	20.82M	18.799M	18M8D1D	15.3M	14.384M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.52M	37.632M	37M6D1D	35.42M	33.706M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.125M	77.718M	77M7D1D	75.6M	73.544M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.35M	16.802M	16M8D1D	3.1M	3.637M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.9M	18.859M	18M9D1D	4.32M	4.482M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.02M	37.739M	37M7D1D	3.5M	4.056M
802.11ax HEW80_Nss1,(MCS0)_2TX	77.88M	77.731M	77M7D1D	4M	18.287M

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

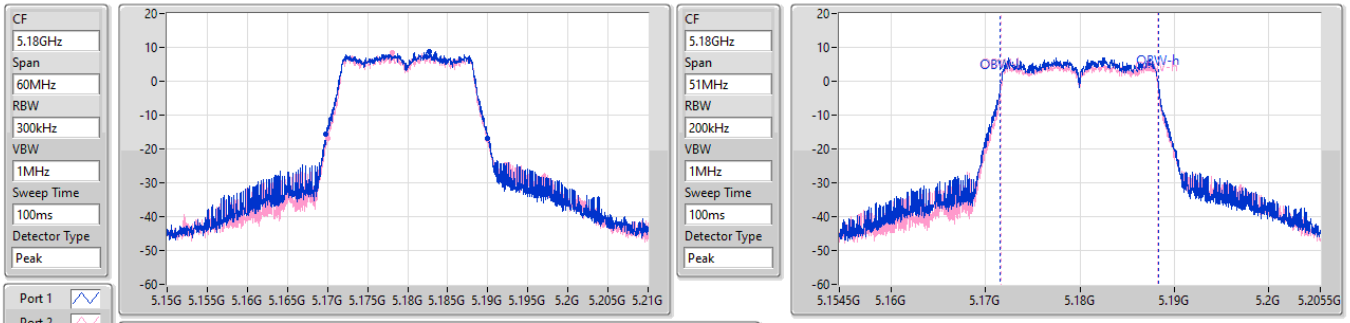
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.22M	16.705M	19.95M	16.625M
5200MHz	Pass	Inf	20.25M	16.711M	20.16M	16.607M
5240MHz	Pass	Inf	20.34M	16.7M	20.1M	16.605M
5260MHz	Pass	Inf	20.43M	16.701M	20.01M	16.609M
5300MHz	Pass	Inf	20.31M	16.695M	20.04M	16.602M
5320MHz	Pass	Inf	20.31M	16.707M	20.01M	16.6M
5500MHz	Pass	Inf	20.52M	16.696M	20.13M	16.601M
5580MHz	Pass	Inf	20.43M	16.713M	20.16M	16.617M
5700MHz	Pass	Inf	20.34M	16.706M	20.16M	16.605M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.36M	13.407M	15.075M	13.334M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.2M	3.648M	3.1M	3.637M
5745MHz	Pass	500k	16.32M	16.722M	16.35M	16.622M
5785MHz	Pass	500k	16.32M	16.727M	16.32M	16.62M
5825MHz	Pass	500k	16.32M	16.802M	16.35M	16.641M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.73M	18.796M	20.58M	18.791M
5200MHz	Pass	Inf	20.58M	18.79M	20.7M	18.784M
5240MHz	Pass	Inf	20.61M	18.798M	20.64M	18.797M
5260MHz	Pass	Inf	20.79M	18.775M	20.58M	18.773M
5300MHz	Pass	Inf	20.85M	18.811M	20.61M	18.769M
5320MHz	Pass	Inf	20.61M	18.771M	20.76M	18.782M
5500MHz	Pass	Inf	20.82M	18.767M	20.61M	18.799M
5580MHz	Pass	Inf	20.76M	18.785M	20.52M	18.787M
5700MHz	Pass	Inf	20.82M	18.763M	20.64M	18.793M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.435M	14.384M	15.3M	14.404M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.32M	4.489M	4.4M	4.482M
5745MHz	Pass	500k	18.9M	18.799M	18.75M	18.774M
5785MHz	Pass	500k	18.12M	18.777M	17.79M	18.789M
5825MHz	Pass	500k	18.21M	18.859M	18.03M	18.794M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.62M	37.553M	40.8M	37.55M
5230MHz	Pass	Inf	65.28M	37.84M	57.72M	37.77M
5270MHz	Pass	Inf	66.9M	37.776M	51.66M	37.752M
5310MHz	Pass	Inf	40.92M	37.497M	40.62M	37.551M
5510MHz	Pass	Inf	40.8M	37.558M	40.62M	37.602M
5550MHz	Pass	Inf	41.52M	37.632M	40.5M	37.607M
5670MHz	Pass	Inf	41.16M	37.54M	40.8M	37.565M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.42M	33.721M	35.525M	33.706M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.5M	4.06M	3.66M	4.056M
5755MHz	Pass	500k	37.02M	37.739M	36.42M	37.661M
5795MHz	Pass	500k	36.78M	37.661M	35.82M	37.589M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	80.88M	77.505M	80.76M	77.575M
5290MHz	Pass	Inf	81M	77.609M	80.76M	77.534M
5530MHz	Pass	Inf	81M	77.461M	80.76M	77.542M
5610MHz	Pass	Inf	80.88M	77.718M	80.76M	77.61M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.6M	73.722M	82.125M	73.544M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4M	22.574M	4.02M	18.287M
5775MHz	Pass	500k	77.88M	77.727M	77.76M	77.731M

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

11/01/2023

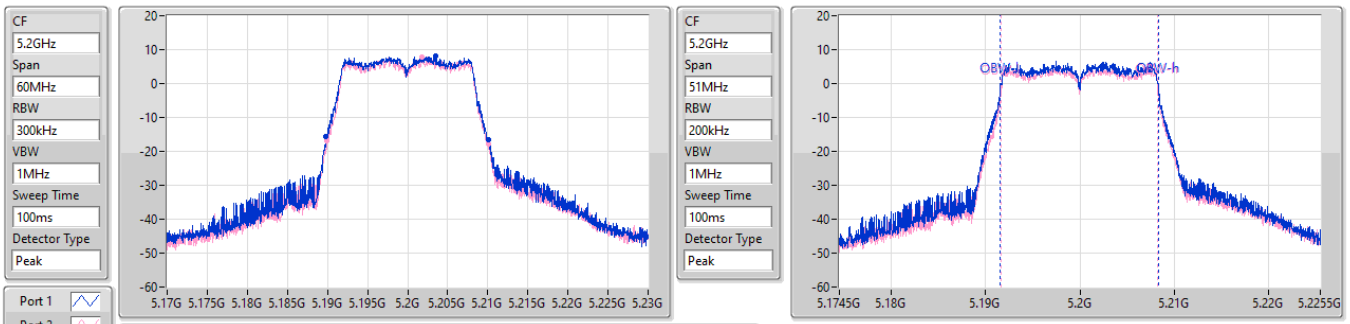


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.22M	5.1698G	5.19002G	16.705M	5.171591G	5.188296G	Inf	1
19.95M	5.17001G	5.18996G	16.625M	5.171647G	5.188272G	Inf	2

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

5200MHz

11/01/2023

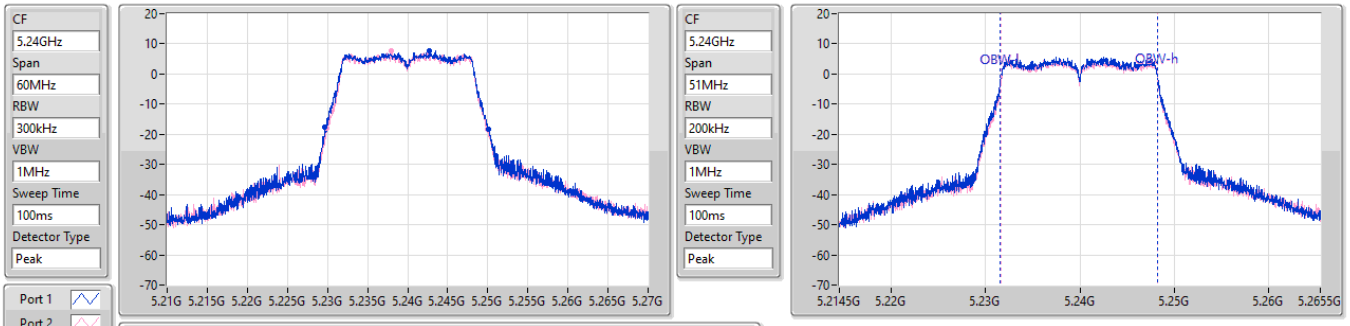


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.25M	5.1898G	5.21005G	16.711M	5.191588G	5.208298G	Inf	1
20.16M	5.18989G	5.21005G	16.607M	5.191659G	5.208266G	Inf	2

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

5240MHz

11/01/2023

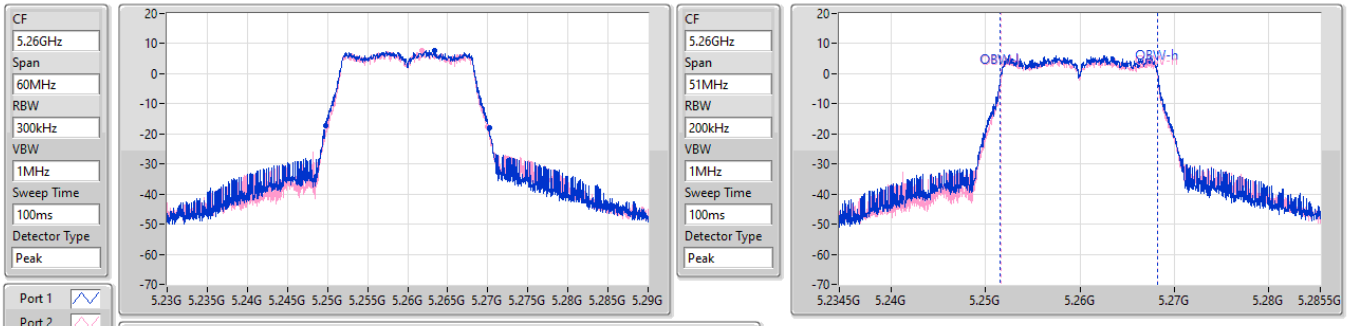


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.34M	5.22971G	5.25005G	16.7M	5.231586G	5.248287G	Inf	1
20.1M	5.22992G	5.25002G	16.605M	5.23166G	5.248265G	Inf	2

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

5260MHz

11/01/2023

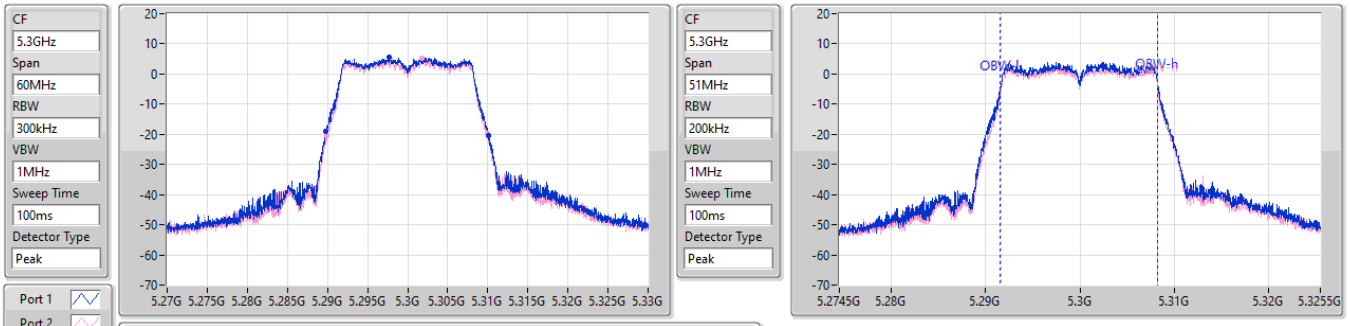


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.43M	5.24974G	5.27017G	16.701M	5.251591G	5.268292G	Inf	1
20.01M	5.24995G	5.26996G	16.609M	5.251649G	5.268258G	Inf	2

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

5300MHz

11/01/2023

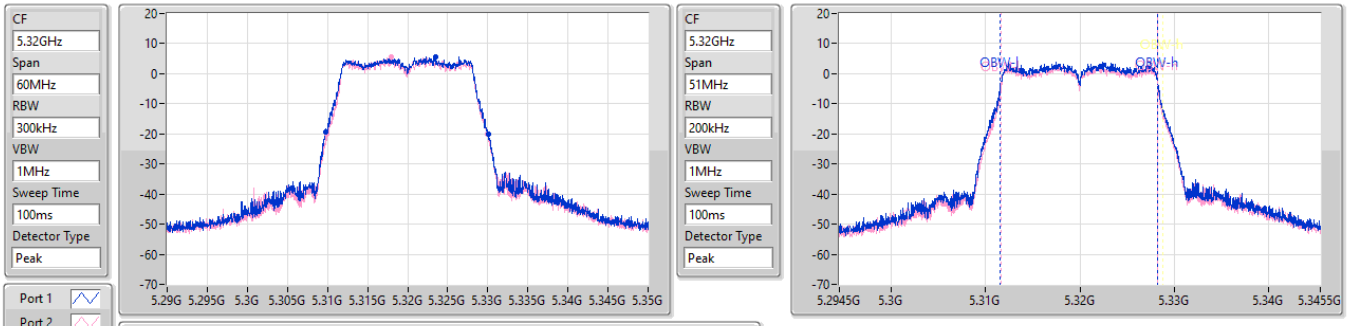


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.31M	5.28977G	5.31008G	16.695M	5.291588G	5.308283G	Inf	1
20.04M	5.28995G	5.30999G	16.602M	5.291661G	5.308263G	Inf	2

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

5320MHz

11/01/2023



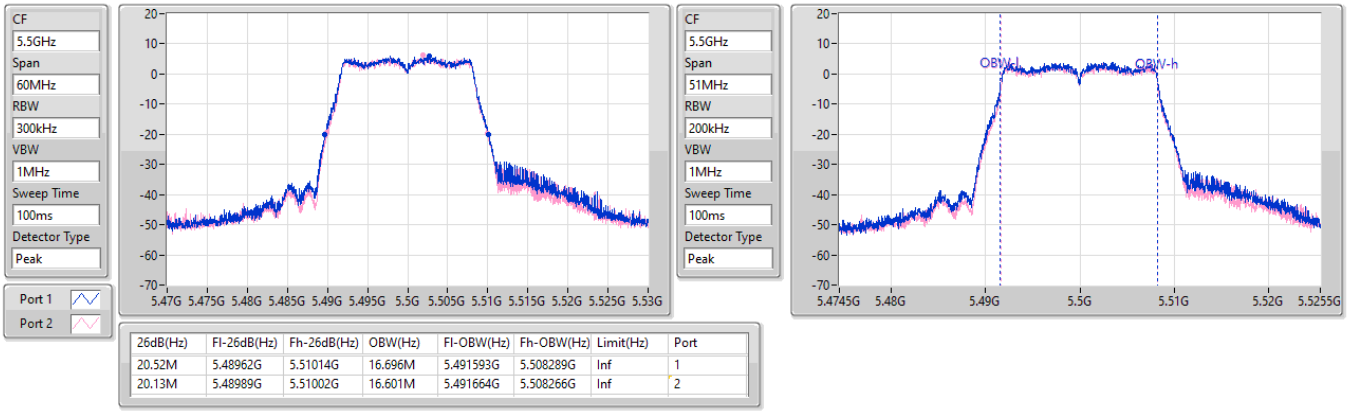
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.31M	5.30974G	5.33005G	16.707M	5.311586G	5.328293G	Inf	1
20.01M	5.30995G	5.32996G	16.6M	5.311662G	5.328262G	Inf	2

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

EBW

5500MHz

11/01/2023



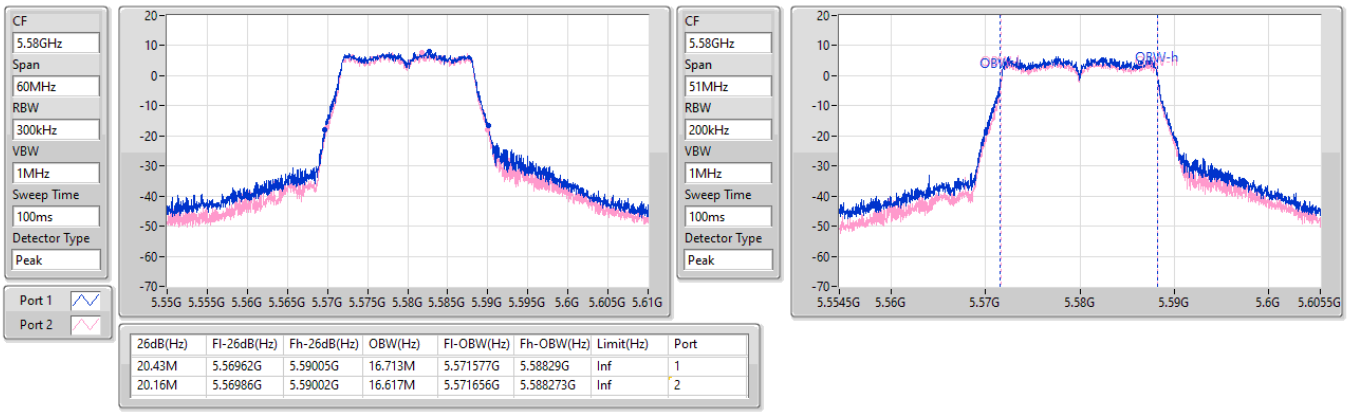
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.52M	5.48962G	5.51014G	16.696M	5.491593G	5.508289G	Inf	1
20.13M	5.48989G	5.51002G	16.601M	5.491664G	5.508266G	Inf	2

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

EBW

5580MHz

11/01/2023

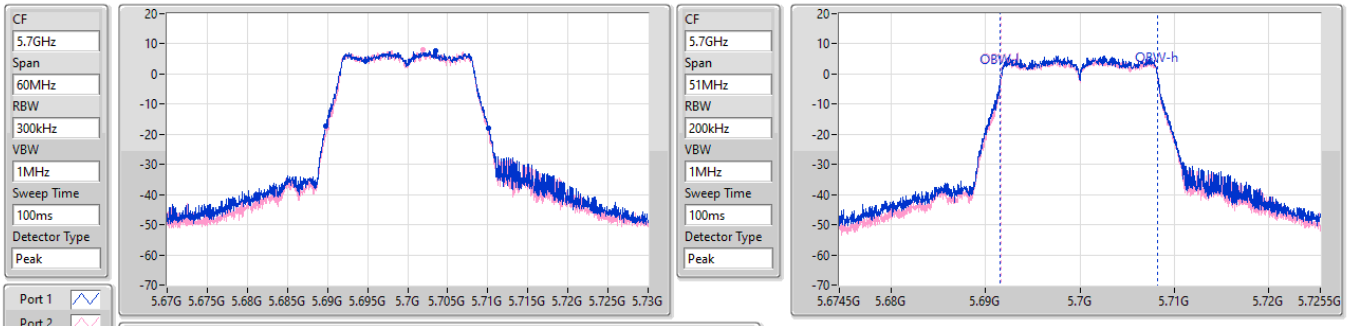


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.43M	5.56962G	5.59005G	16.713M	5.571577G	5.58829G	Inf	1
20.16M	5.56986G	5.59002G	16.617M	5.571656G	5.588273G	Inf	2

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

5700MHz

11/01/2023

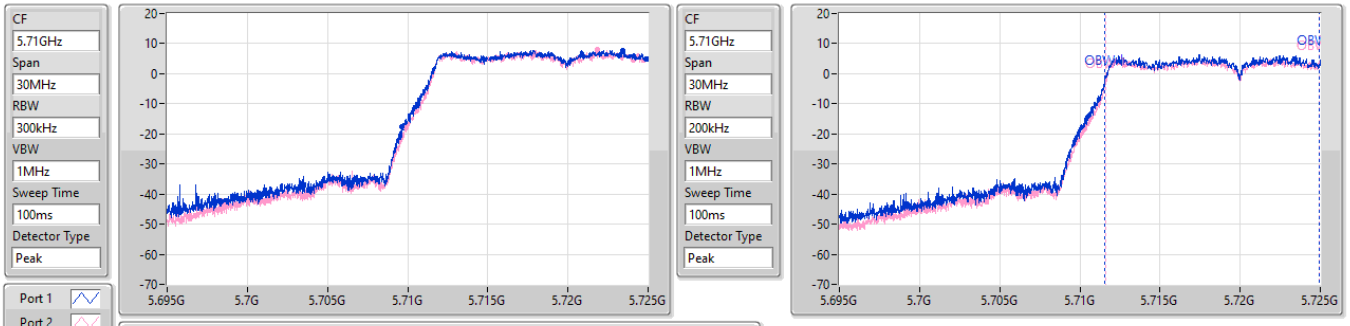


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.34M	5.68974G	5.71008G	16.706M	5.691582G	5.708288G	Inf	1
20.16M	5.68989G	5.71005G	16.605M	5.691654G	5.708259G	Inf	2

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

5720MHz Straddle 5.47-5.725GHz

11/01/2023

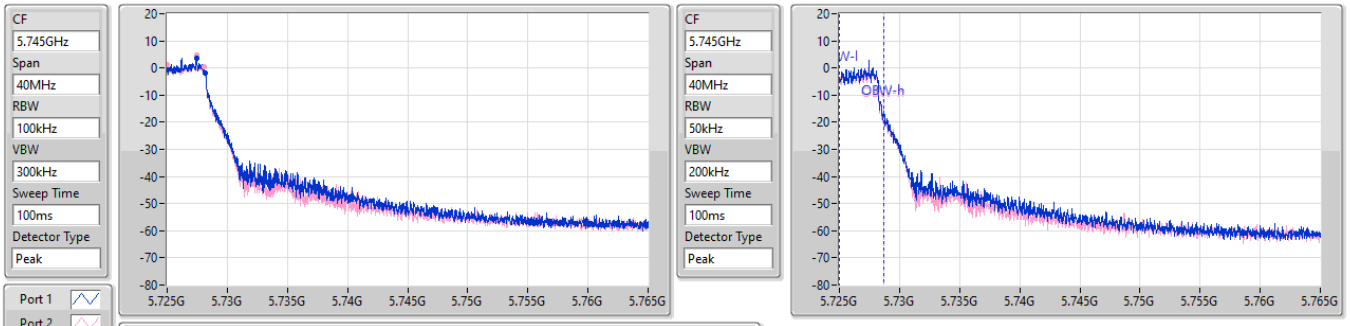


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.36M	5.70964G	5.725G	13.407M	5.711526G	5.724933G	Inf	1
15.075M	5.709925G	5.725G	13.334M	5.7116G	5.724934G	Inf	2

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

5720MHz Straddle 5.725-5.85GHz

11/01/2023

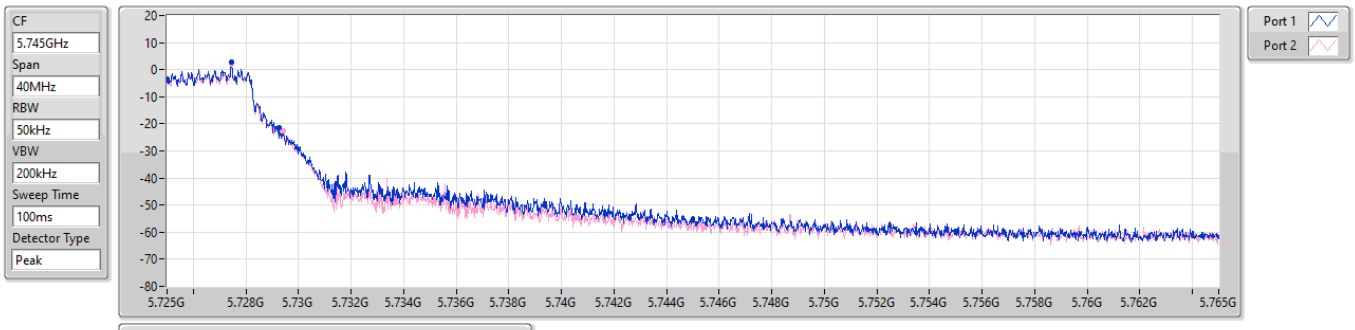


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.2M	5.725G	5.7282G	3.648M	5.725019G	5.728668G	500k	1
3.1M	5.725G	5.7281G	3.637M	5.725017G	5.728654G	500k	2

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

5720MHz Straddle 5.725-5.85GHz

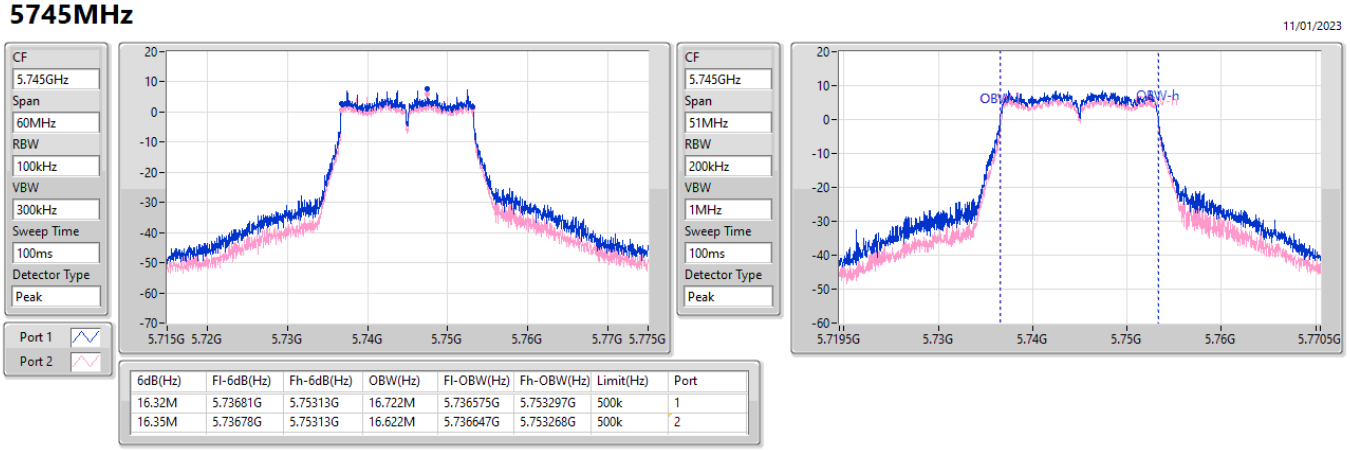
11/01/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.26M	5.725G	5.72926G	Inf	1
4.44M	5.725G	5.72944G	Inf	2

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

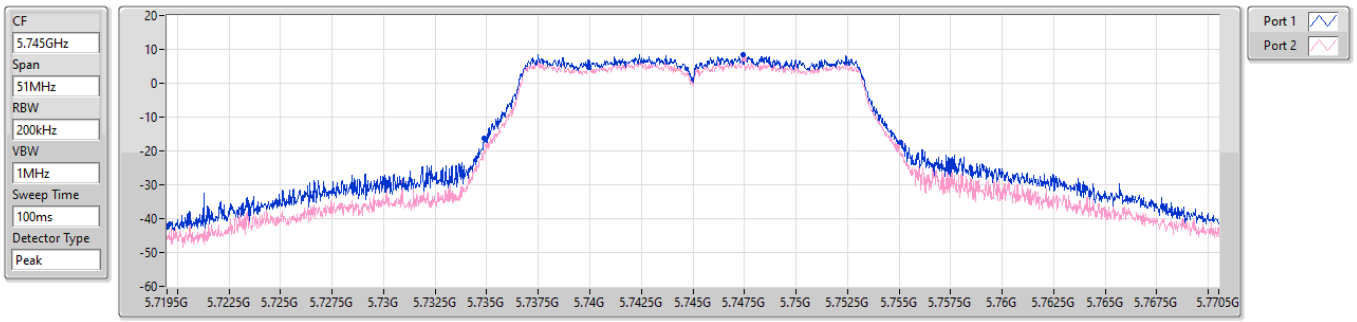
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.73681G	5.75313G	16.722M	5.736575G	5.753297G	500k	1
16.35M	5.73678G	5.75313G	16.622M	5.736647G	5.753268G	500k	2

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

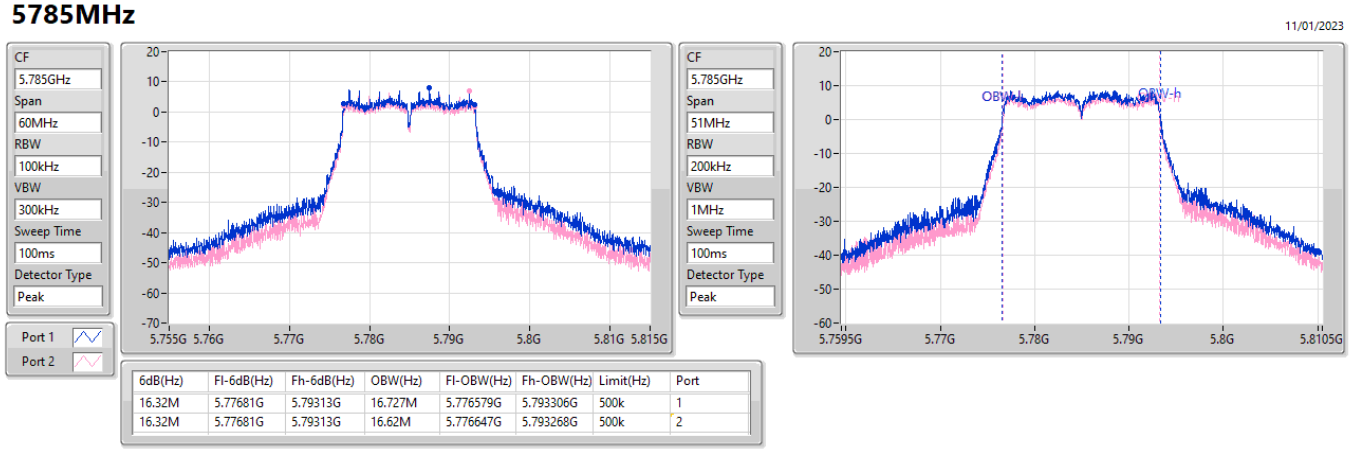
5745MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
20.196M	5.734877G	5.755073G	Inf	1
19.839M	5.735055G	5.754894G	Inf	2

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

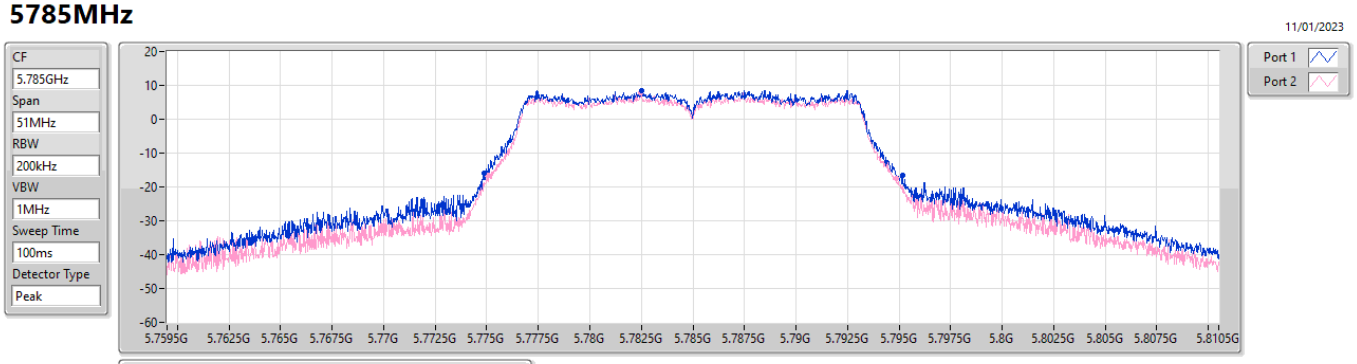
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.77681G	5.79313G	16.727M	5.776579G	5.793306G	500k	1
16.32M	5.77681G	5.79313G	16.62M	5.776647G	5.793268G	500k	2

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

5785MHz

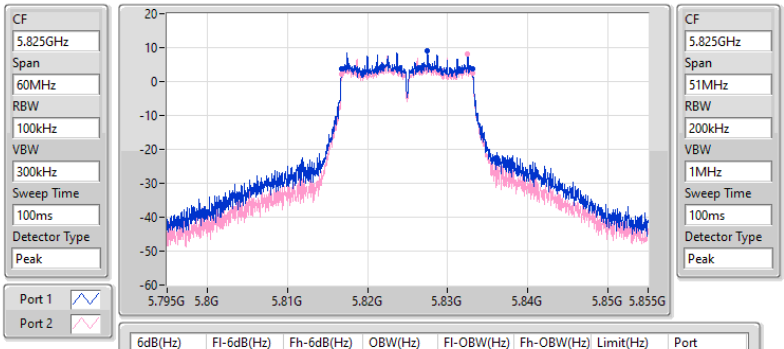


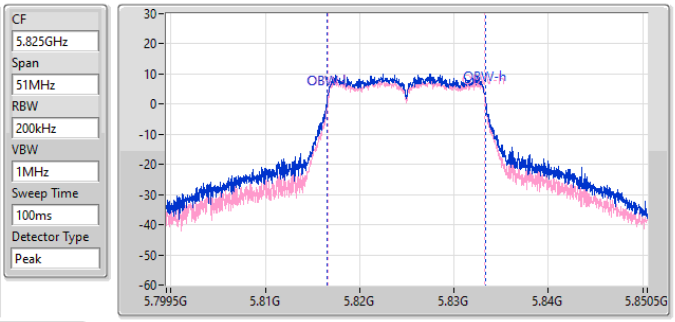
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
20.273M	5.774877G	5.795149G	Inf	1
19.814M	5.77503G	5.794843G	Inf	2

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

5825MHz

11/01/2023



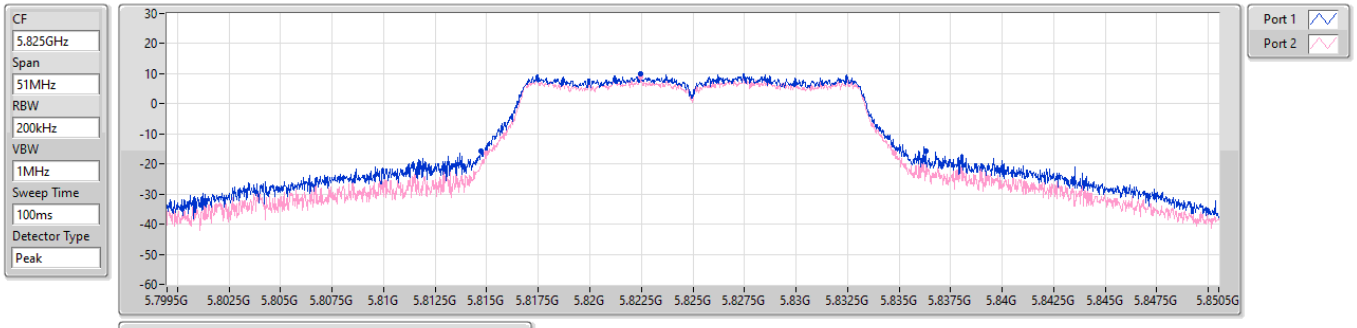


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.81681G	5.83313G	16.802M	5.816535G	5.833337G	500k	1
16.35M	5.81678G	5.83313G	16.641M	5.816639G	5.83328G	500k	2

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

5825MHz

11/01/2023

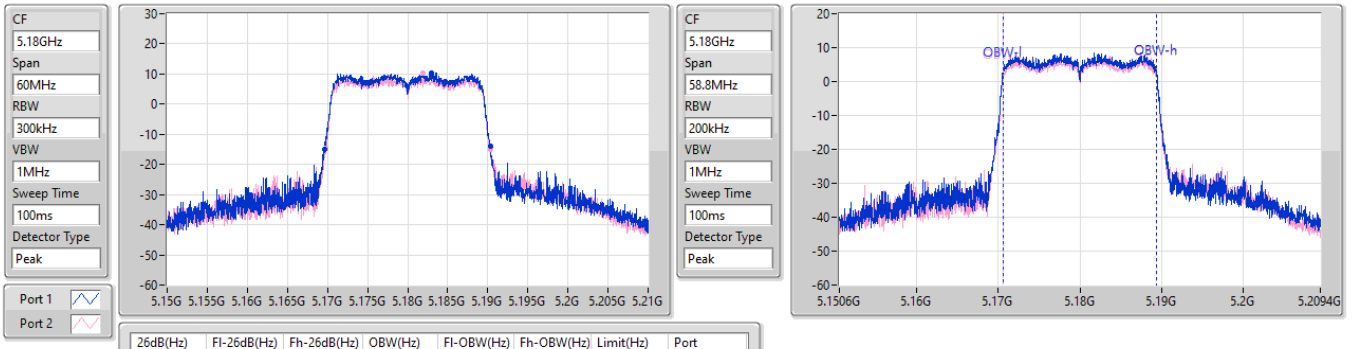


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
21.599M	5.814698G	5.836297G	Inf	1
19.788M	5.814979G	5.834767G	Inf	2

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

5180MHz

11/01/2023

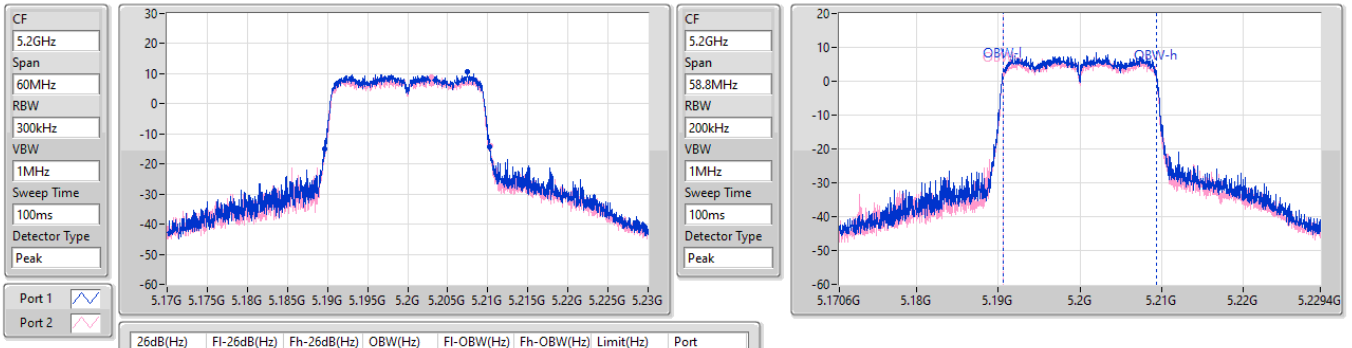


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.73M	5.16959G	5.19032G	18.796M	5.170595G	5.189391G	Inf	1
20.58M	5.16977G	5.19035G	18.791M	5.170597G	5.189388G	Inf	2

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

5200MHz

11/01/2023

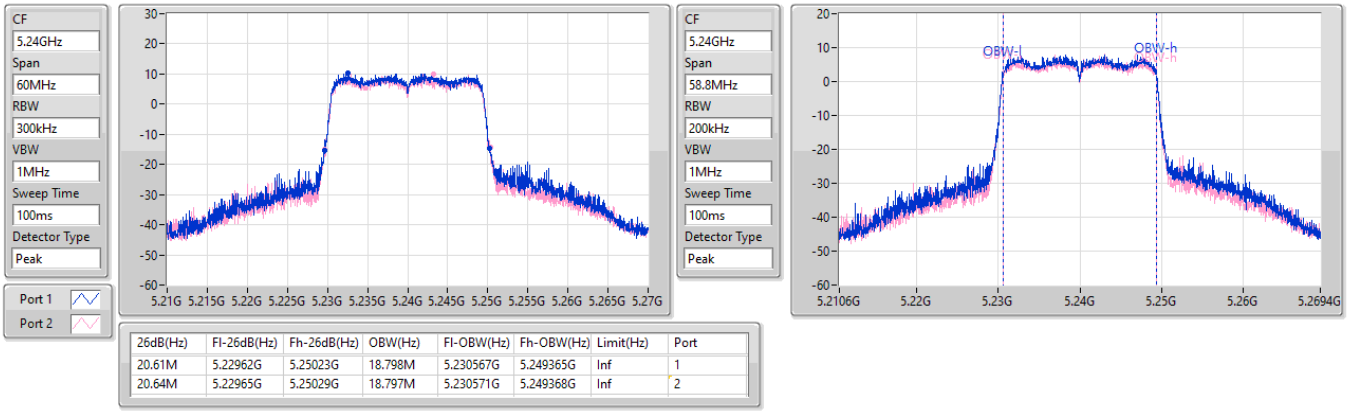


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.58M	5.18965G	5.21023G	18.79M	5.190573G	5.209363G	Inf	1
20.7M	5.18971G	5.21041G	18.784M	5.190574G	5.209359G	Inf	2

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

5240MHz

11/01/2023

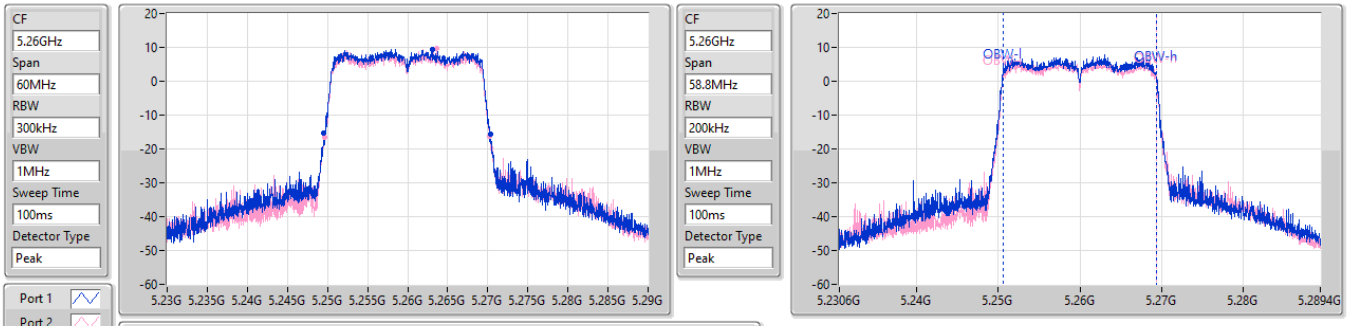


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.61M	5.22962G	5.25023G	18.798M	5.230567G	5.249365G	Inf	1
20.64M	5.22965G	5.25029G	18.797M	5.230571G	5.249368G	Inf	2

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

5260MHz

11/01/2023

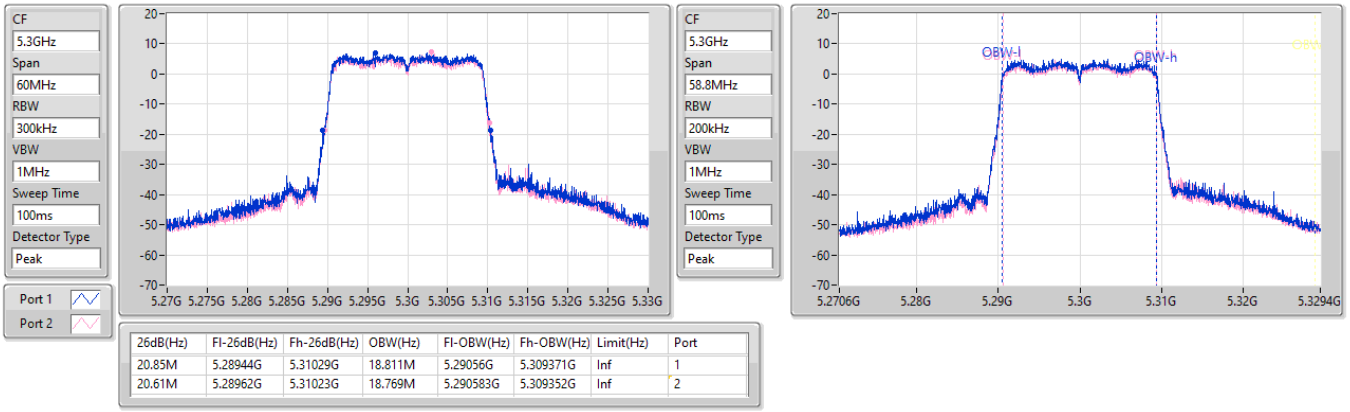


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.79M	5.24953G	5.27032G	18.775M	5.250573G	5.269349G	Inf	1
20.58M	5.24968G	5.27026G	18.773M	5.250578G	5.269352G	Inf	2

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

5300MHz

11/01/2023

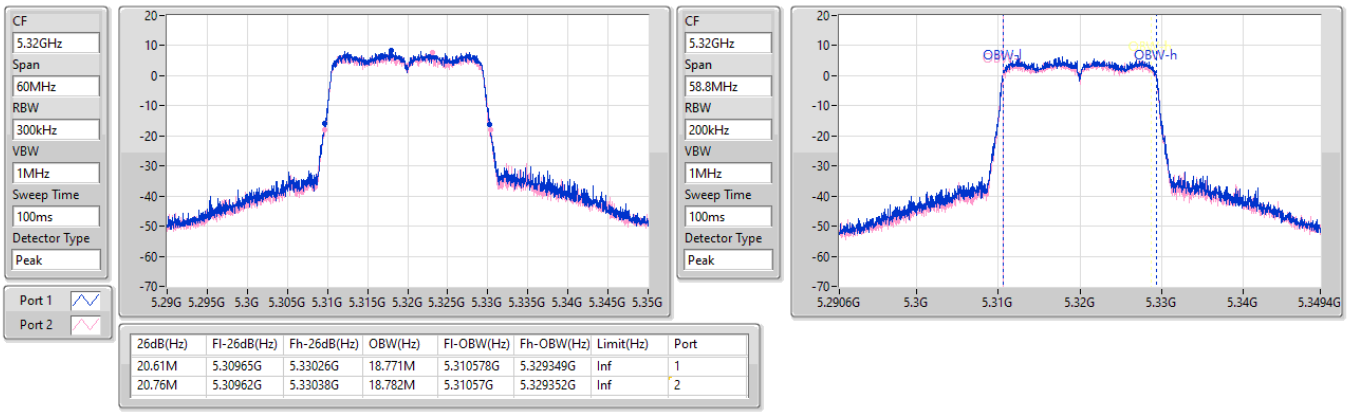


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.85M	5.28944G	5.31029G	18.811M	5.29056G	5.309371G	Inf	1
20.61M	5.28962G	5.31023G	18.769M	5.290583G	5.309352G	Inf	2

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

5320MHz

11/01/2023

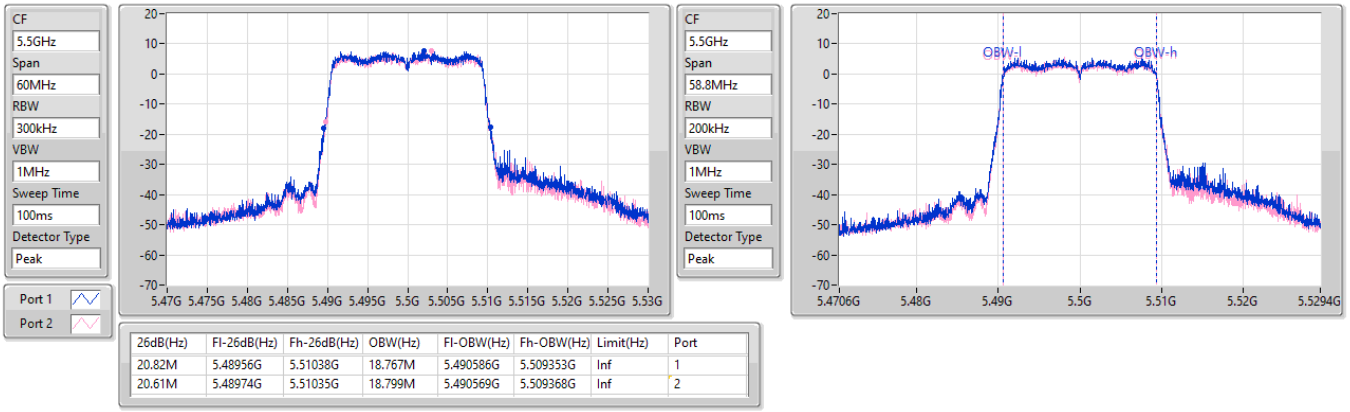


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.61M	5.30965G	5.33026G	18.771M	5.310578G	5.329349G	Inf	1
20.76M	5.30962G	5.33038G	18.782M	5.31057G	5.329352G	Inf	2

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

5500MHz

11/01/2023

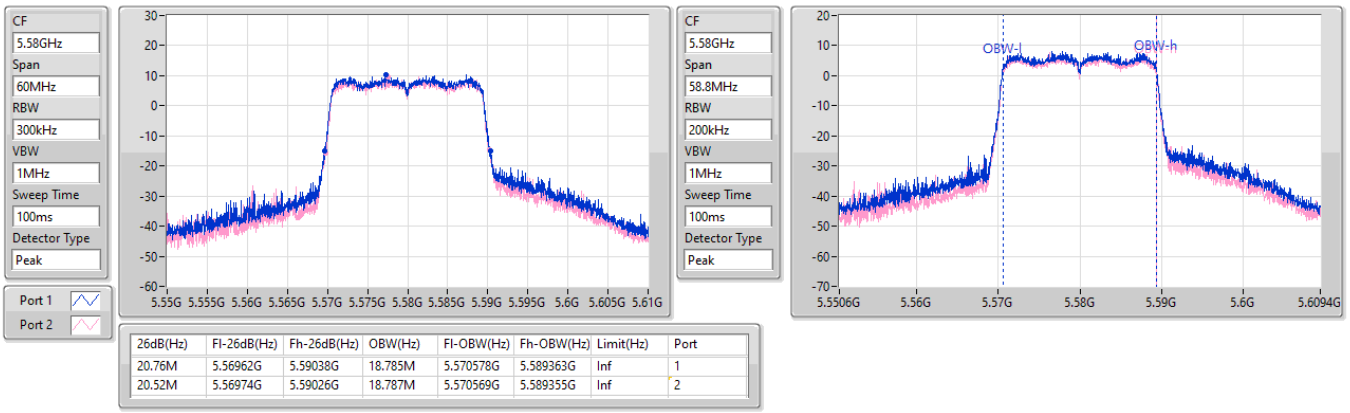


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.82M	5.48956G	5.51038G	18.767M	5.490586G	5.509353G	Inf	1
20.61M	5.48974G	5.51035G	18.799M	5.490569G	5.509368G	Inf	2

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

5580MHz

11/01/2023

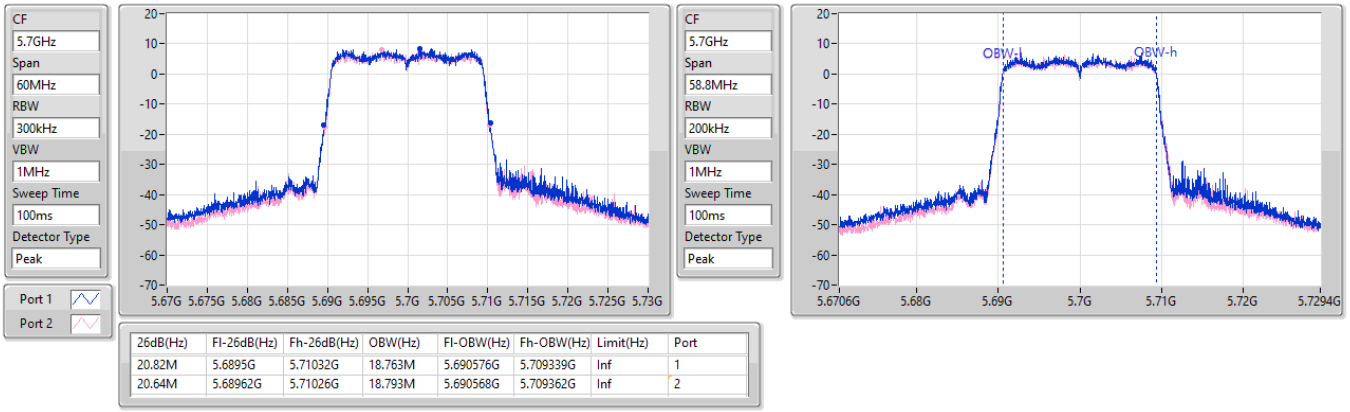


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.76M	5.56962G	5.59038G	18.785M	5.570578G	5.589363G	Inf	1
20.52M	5.56974G	5.59026G	18.787M	5.570569G	5.589355G	Inf	2

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

5700MHz

11/01/2023

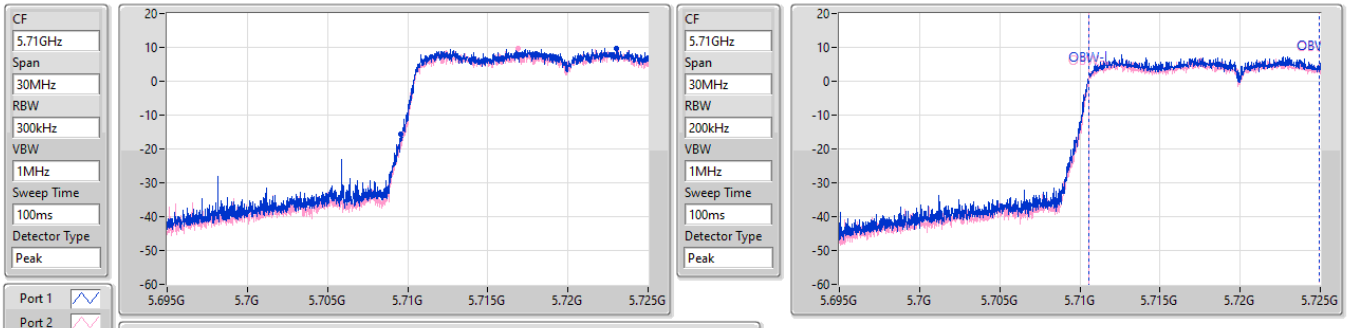


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.82M	5.6895G	5.71032G	18.763M	5.690576G	5.709339G	Inf	1
20.64M	5.68962G	5.71026G	18.793M	5.690568G	5.709362G	Inf	2

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

5720MHz Straddle 5.47-5.725GHz

11/01/2023

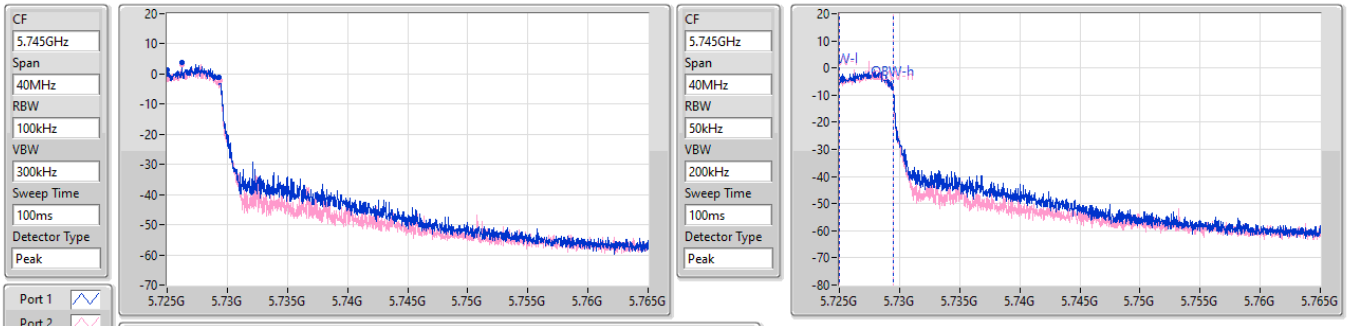


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.435M	5.709565G	5.725G	14.384M	5.710535G	5.724919G	Inf	1
15.3M	5.7097G	5.725G	14.404M	5.71053G	5.724935G	Inf	2

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

5720MHz Straddle 5.725-5.85GHz

11/01/2023

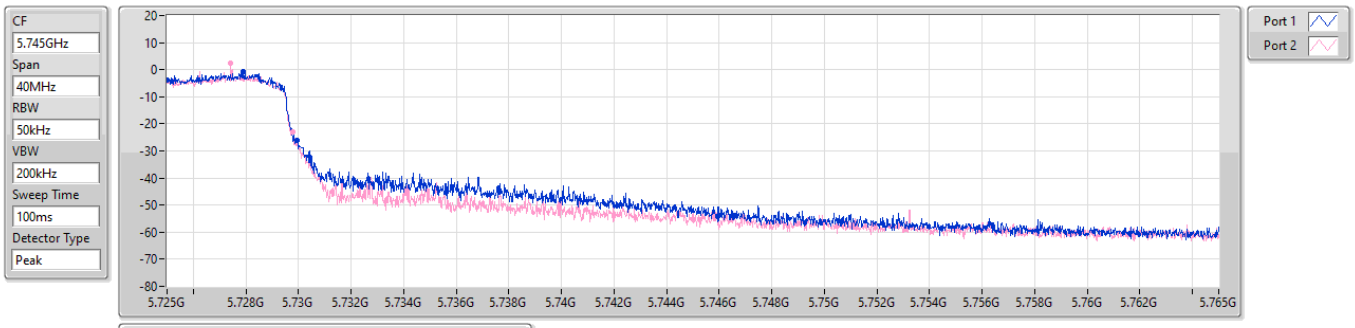


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.32M	5.725G	5.72932G	4.489M	5.725025G	5.729514G	500k	1
4.4M	5.725G	5.7294G	4.482M	5.725023G	5.729505G	500k	2

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

5720MHz Straddle 5.725-5.85GHz

11/01/2023

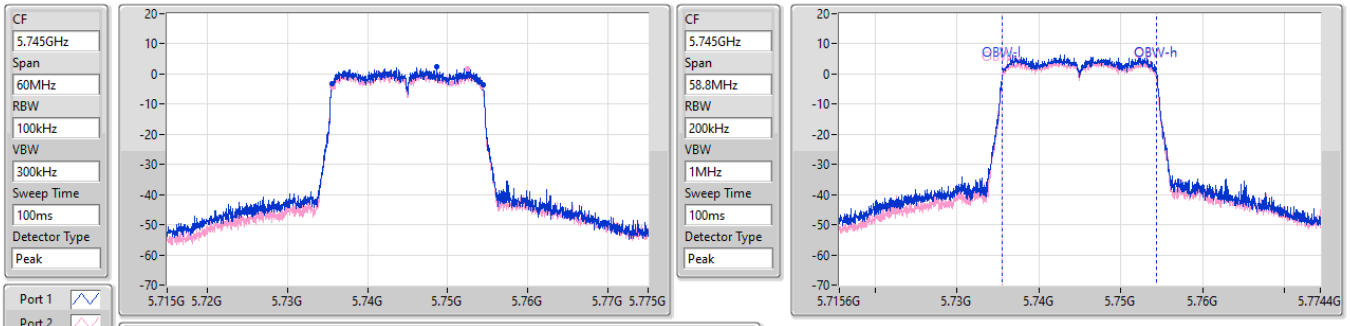


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.96M	5.725G	5.72996G	Inf	1
4.8M	5.725G	5.7298G	Inf	2

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

5745MHz

11/01/2023

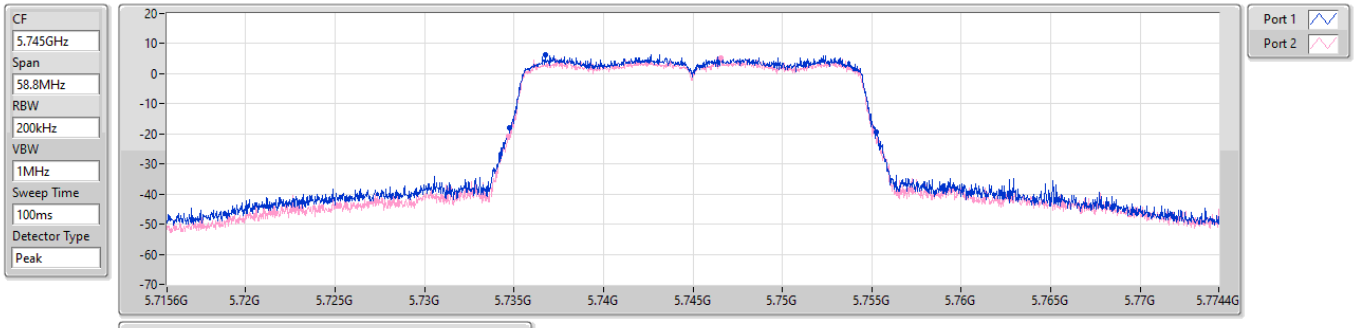


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	5.73552G	5.75442G	18.799M	5.735563G	5.754362G	500k	1
18.75M	5.73552G	5.75427G	18.774M	5.735566G	5.754339G	500k	2

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

5745MHz

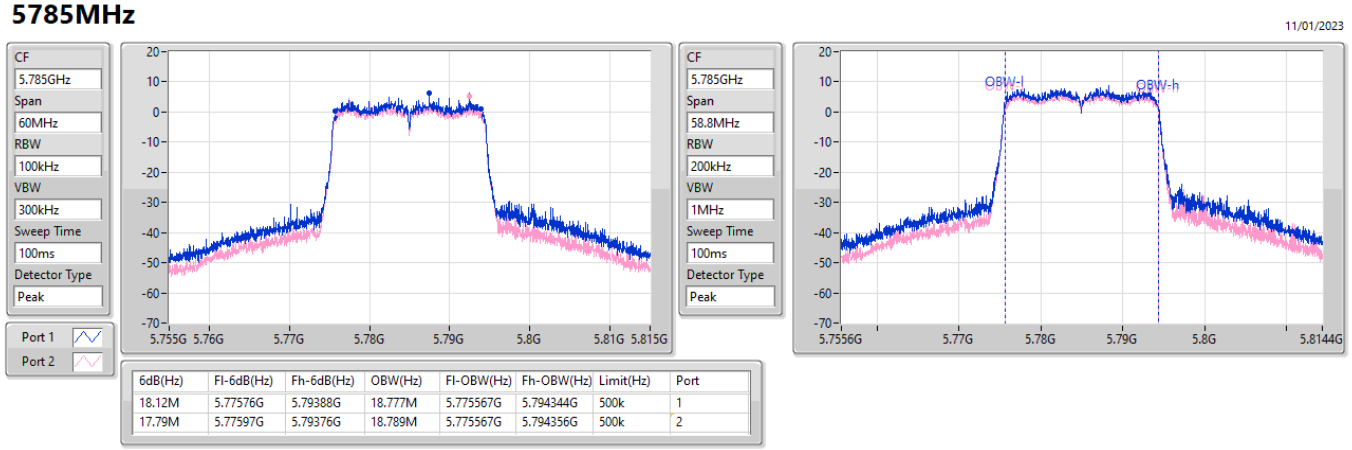
11/01/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
20.462M	5.734769G	5.755231G	Inf	1
20.521M	5.734681G	5.755202G	Inf	2

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

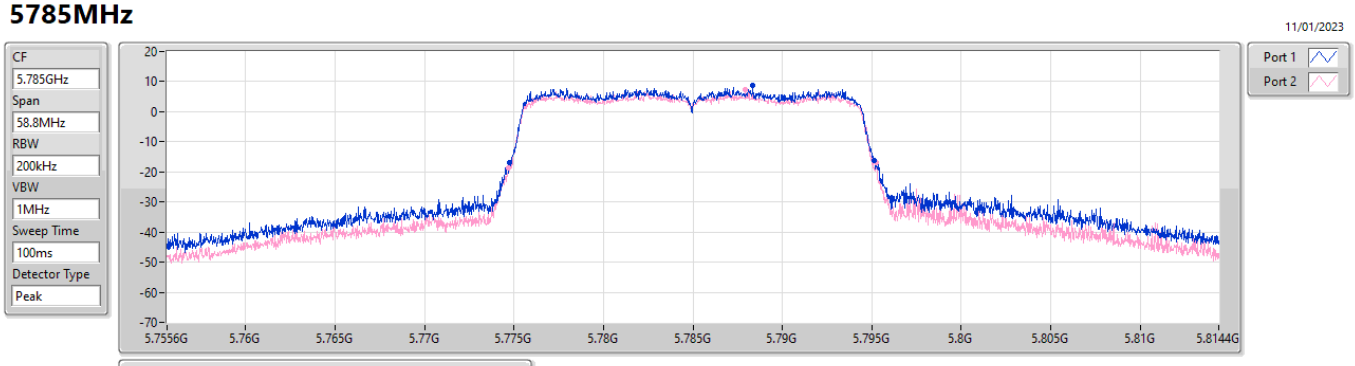
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.12M	5.77576G	5.79388G	18.777M	5.775567G	5.794344G	500k	1
17.79M	5.77597G	5.79376G	18.789M	5.775567G	5.794356G	500k	2

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

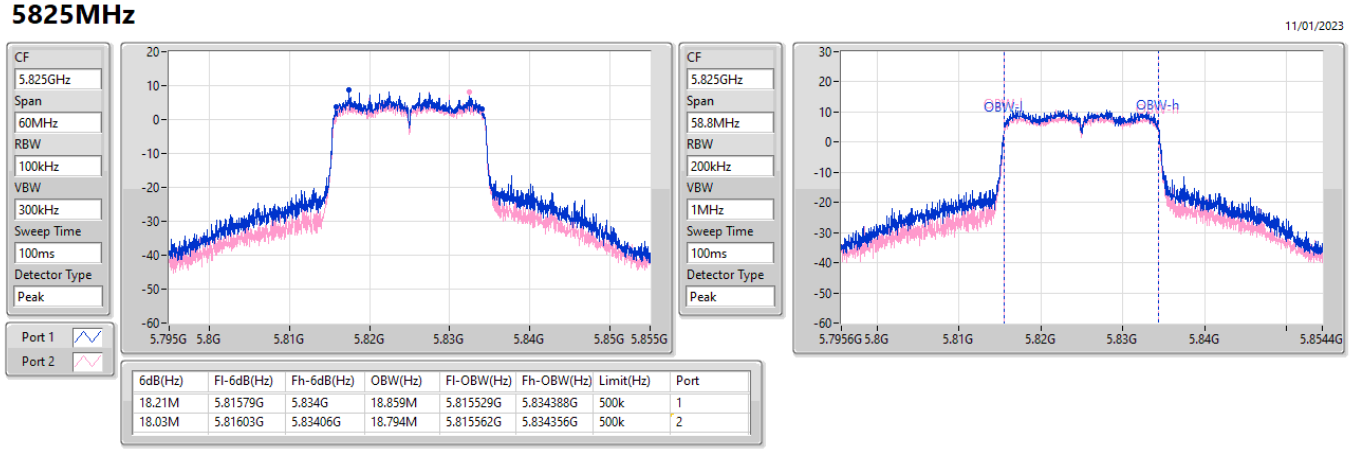
5785MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
20.404M	5.774739G	5.795143G	Inf	1
20.551M	5.77471G	5.795261G	Inf	2

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

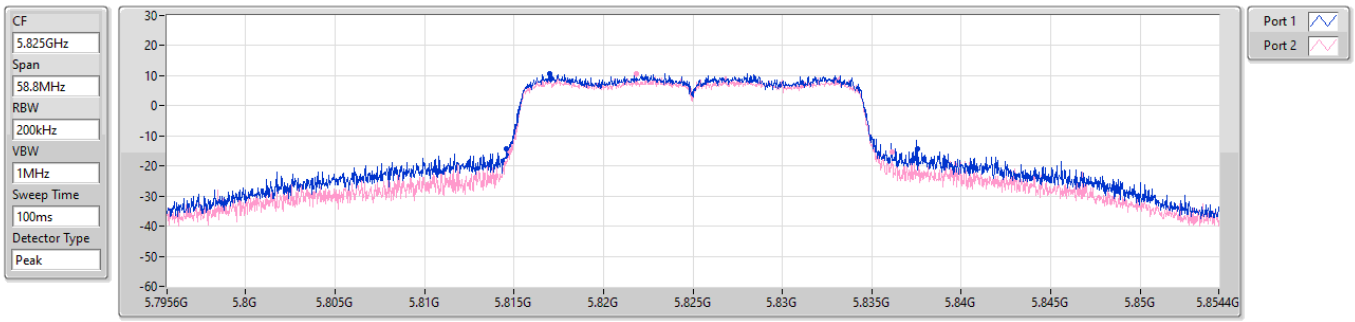
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.21M	5.81579G	5.834G	18.859M	5.815529G	5.834388G	500k	1
18.03M	5.81603G	5.83406G	18.794M	5.815562G	5.834356G	500k	2

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

5825MHz

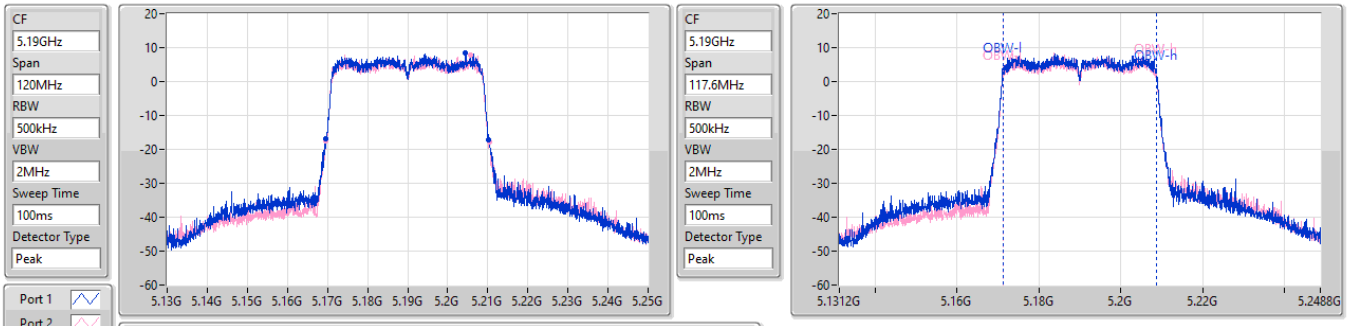


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
22.961M	5.814592G	5.837554G	Inf	1
21.374M	5.814769G	5.836143G	Inf	2

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5190MHz

11/01/2023

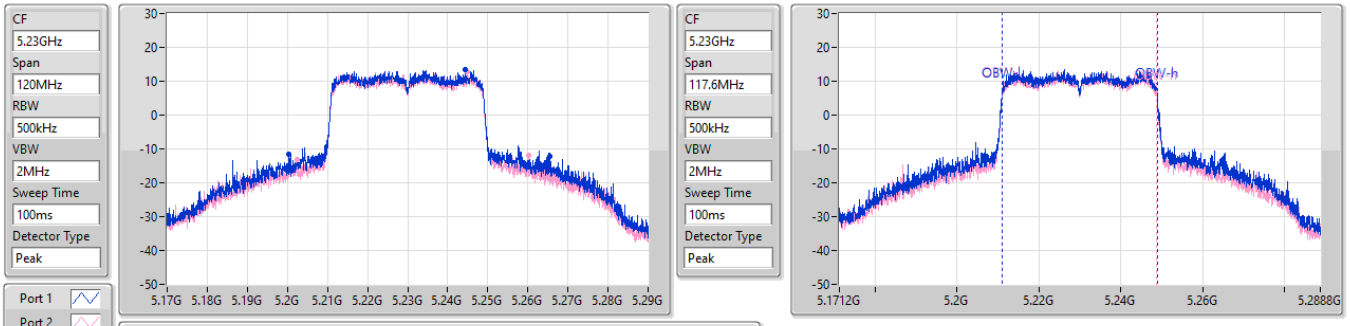


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.62M	5.16966G	5.21028G	37.553M	5.171166G	5.208719G	Inf	1
40.8M	5.1696G	5.2104G	37.55M	5.171194G	5.208744G	Inf	2

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5230MHz

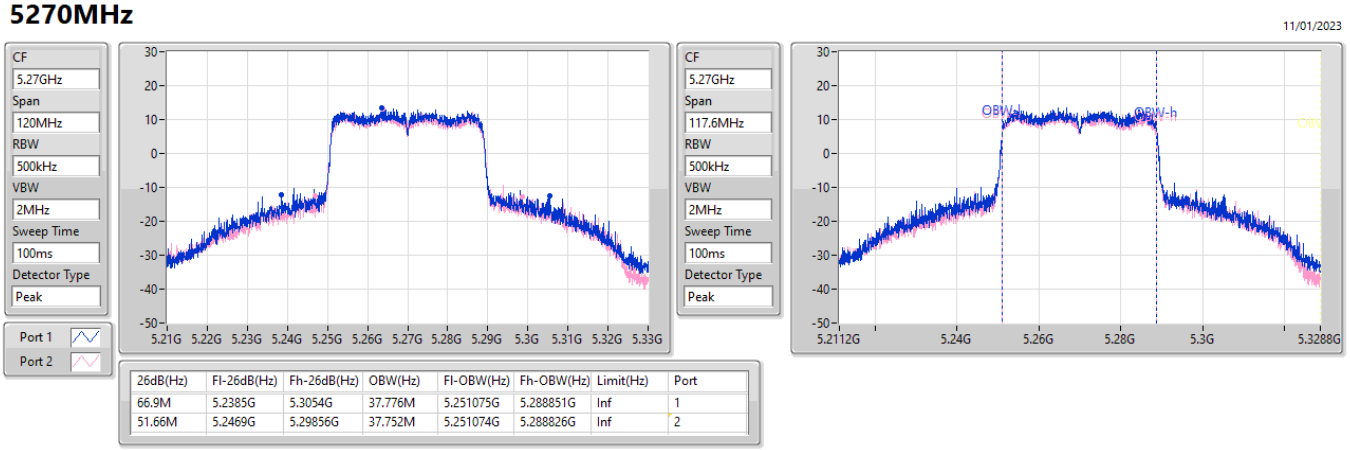
11/01/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
65.28M	5.2003G	5.26558G	37.84M	5.211034G	5.248873G	Inf	1
57.72M	5.2024G	5.26012G	37.77M	5.211081G	5.248851G	Inf	2

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

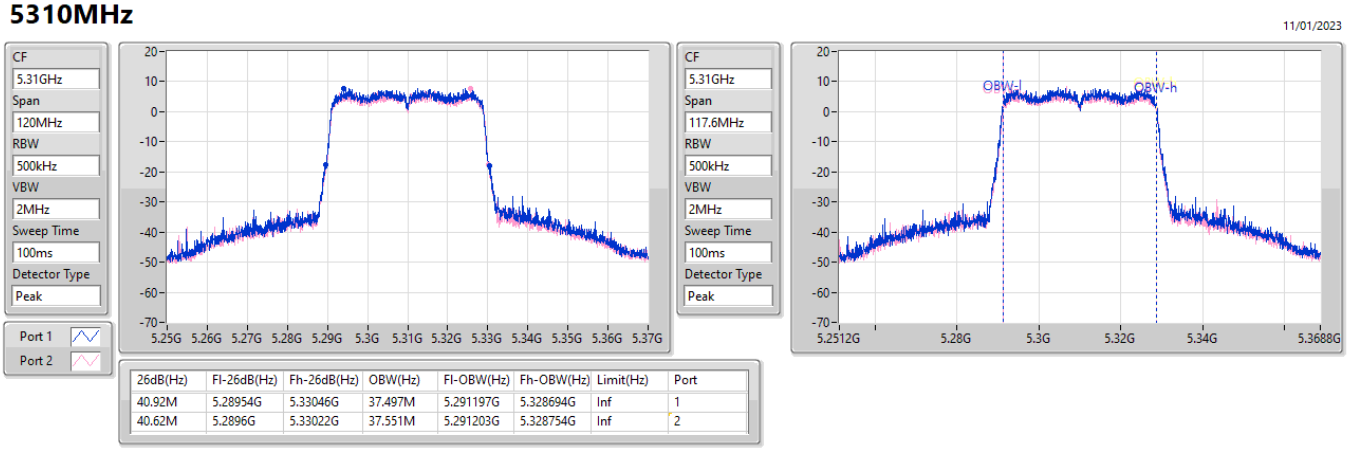
5270MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
66.9M	5.2385G	5.3054G	37.776M	5.251075G	5.288851G	Inf	1
51.66M	5.2469G	5.29856G	37.752M	5.251074G	5.288826G	Inf	2

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **EBW**

5310MHz

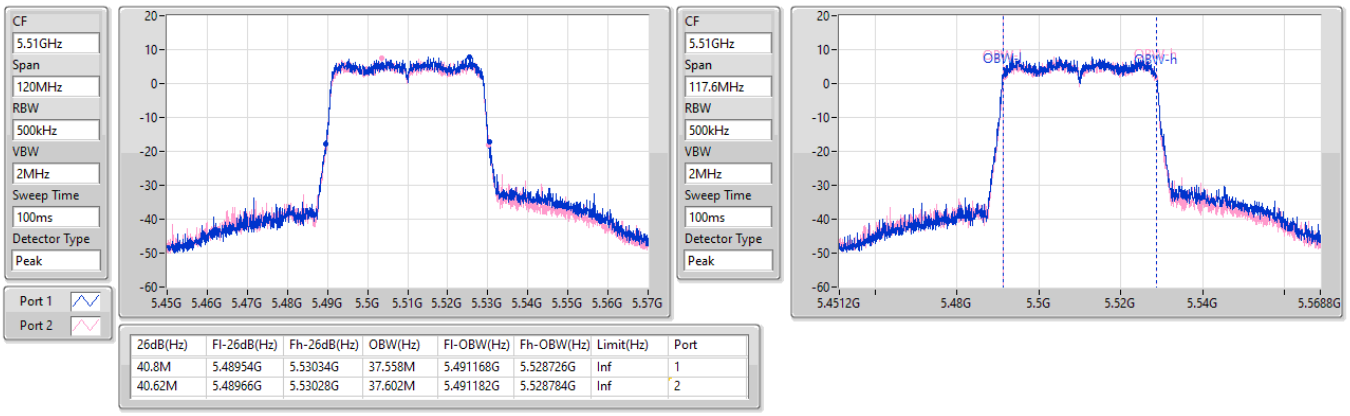


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.92M	5.28954G	5.33046G	37.497M	5.291197G	5.328694G	Inf	1
40.62M	5.2896G	5.33022G	37.551M	5.291203G	5.328754G	Inf	2

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

5510MHz

11/01/2023

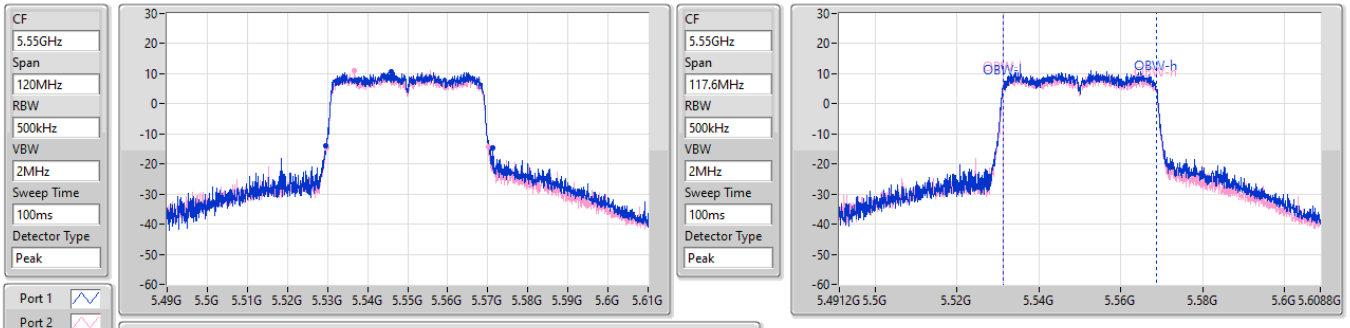


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.8M	5.48954G	5.53034G	37.558M	5.491168G	5.528726G	Inf	1
40.62M	5.48966G	5.53028G	37.602M	5.491182G	5.528784G	Inf	2

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

5550MHz

11/01/2023

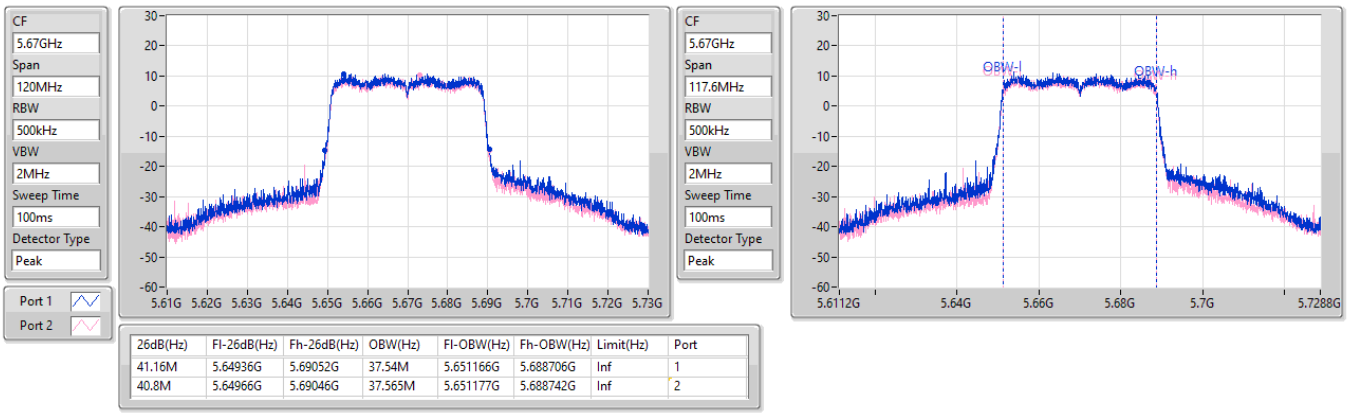


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.52M	5.5296G	5.57112G	37.632M	5.531153G	5.568785G	Inf	1
40.5M	5.52972G	5.57022G	37.607M	5.531155G	5.568762G	Inf	2

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

5670MHz

11/01/2023

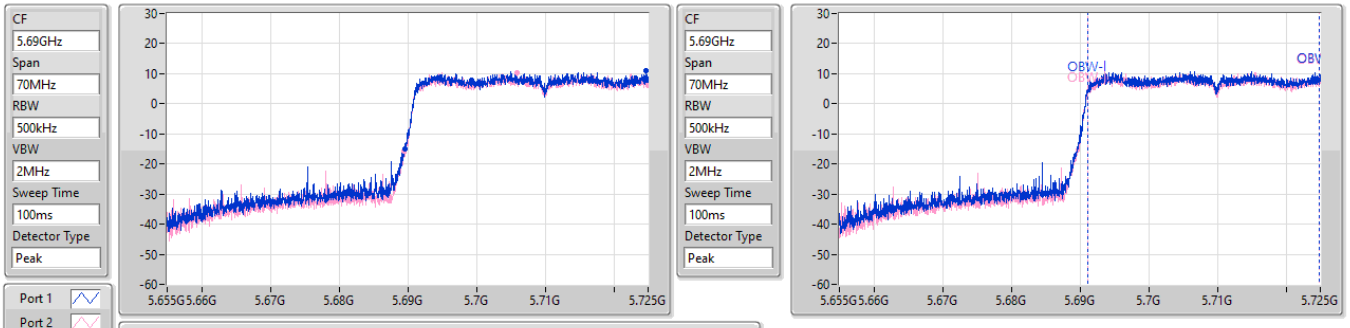


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.16M	5.64936G	5.69052G	37.54M	5.651166G	5.688706G	Inf	1
40.8M	5.64966G	5.69046G	37.565M	5.651177G	5.688742G	Inf	2

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

5710MHz Straddle 5.47-5.725GHz

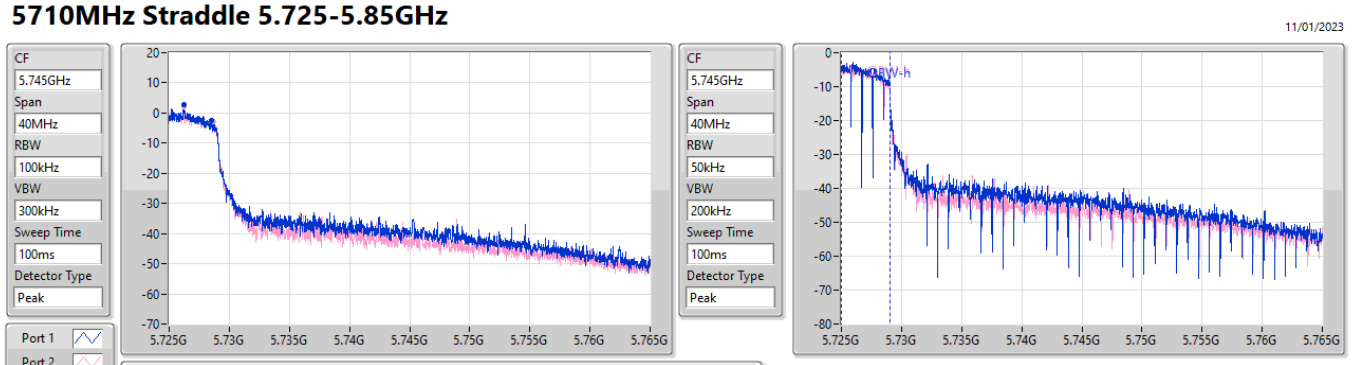
11/01/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.42M	5.68958G	5.725G	33.721M	5.691139G	5.72486G	Inf	1
35.525M	5.689475G	5.725G	33.706M	5.691133G	5.724839G	Inf	2

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

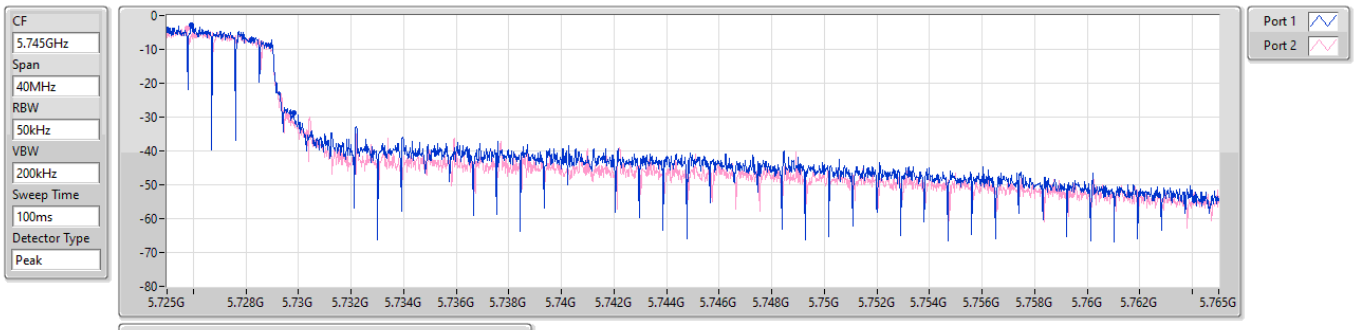
5710MHz Straddle 5.725-5.85GHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.5M	5.725G	5.7285G	4.06M	5.725013G	5.729073G	500k	1
3.66M	5.725G	5.72866G	4.056M	5.725011G	5.729067G	500k	2

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

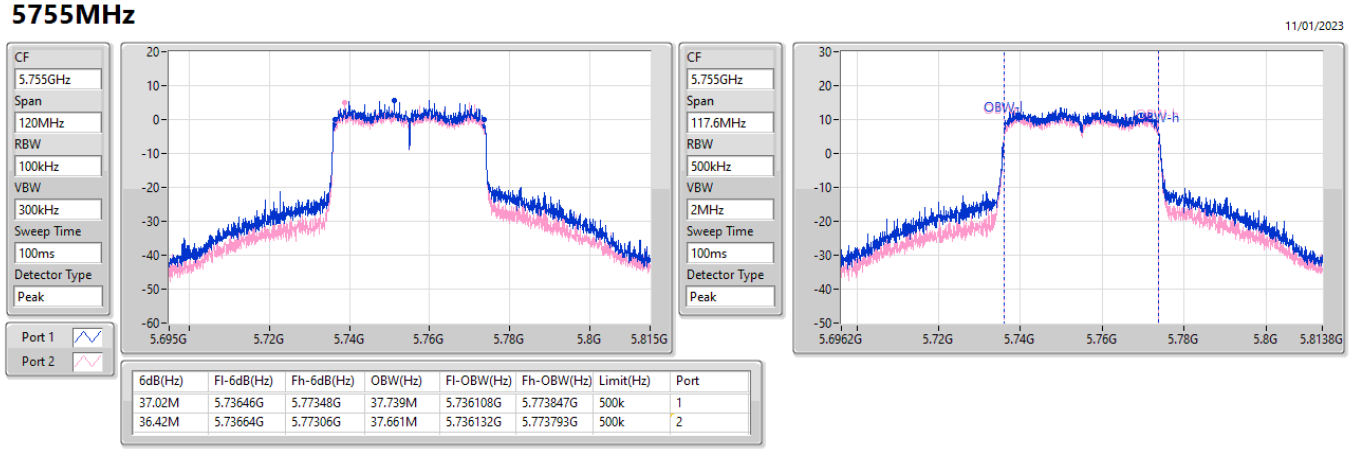
5710MHz Straddle 5.725-5.85GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.82M	5.725G	5.72982G	Inf	1
4.6M	5.725G	5.7296G	Inf	2

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

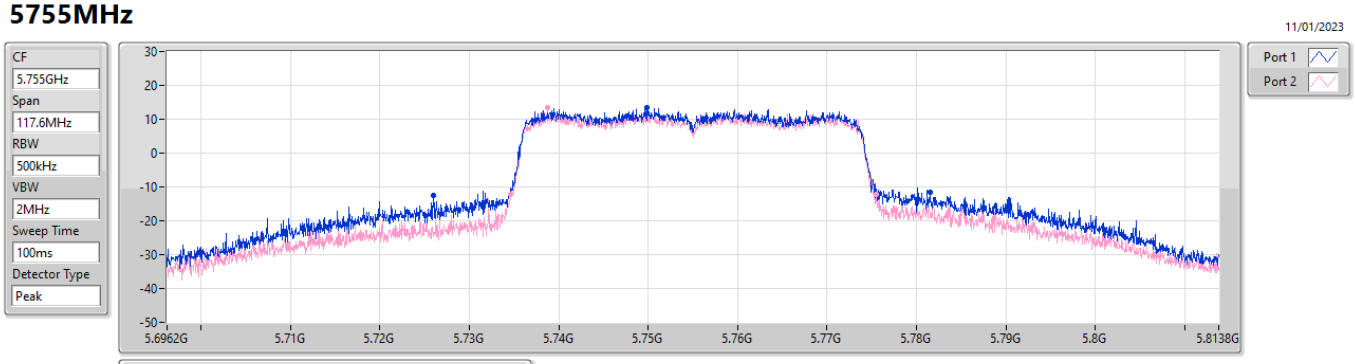
5755MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.02M	5.73646G	5.77348G	37.739M	5.736108G	5.773847G	500k	1
36.42M	5.73664G	5.77306G	37.661M	5.736132G	5.773793G	500k	2

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

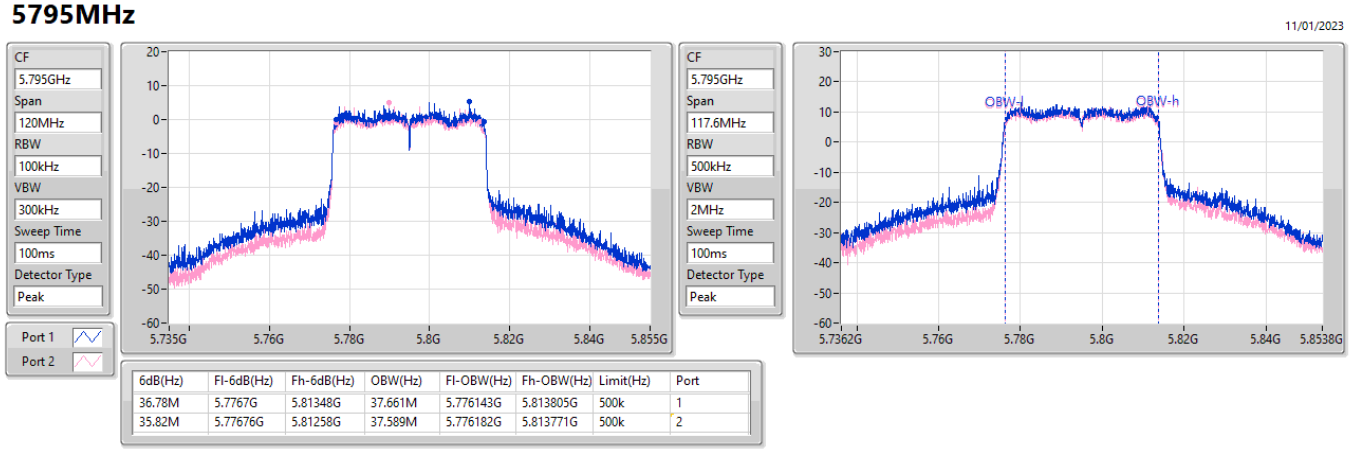
5755MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
55.566M	5.725953G	5.781519G	Inf	1
40.807M	5.734655G	5.775462G	Inf	2

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

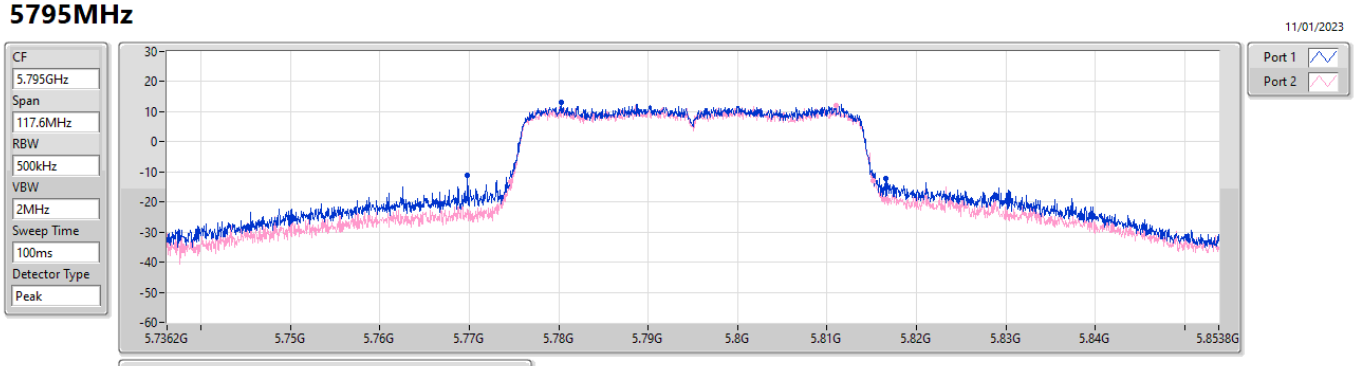
5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.78M	5.7767G	5.81348G	37.661M	5.776143G	5.813805G	500k	1
35.82M	5.77676G	5.81258G	37.589M	5.776182G	5.813771G	500k	2

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

5795MHz



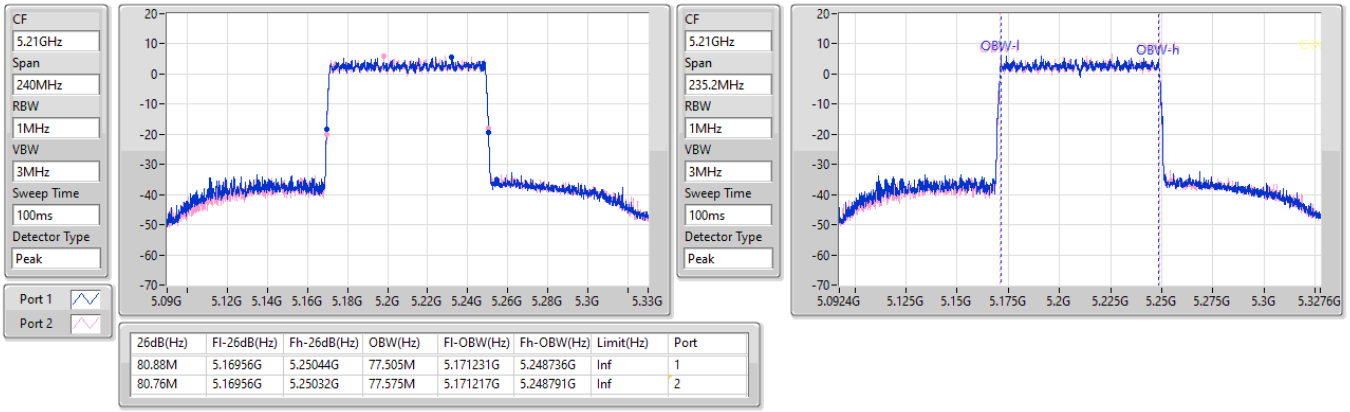
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
46.805M	5.769775G	5.81658G	Inf	1
40.513M	5.774655G	5.815168G	Inf	2

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

EBW

5210MHz

11/01/2023



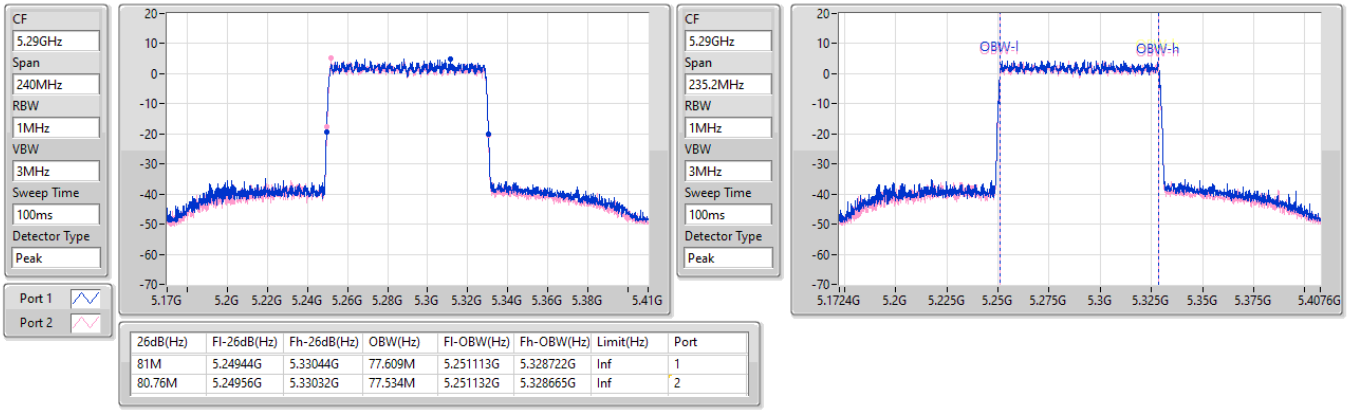
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.88M	5.16956G	5.25044G	77.505M	5.171231G	5.248736G	Inf	1
80.76M	5.16956G	5.25032G	77.575M	5.171217G	5.248791G	Inf	2

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

EBW

5290MHz

11/01/2023

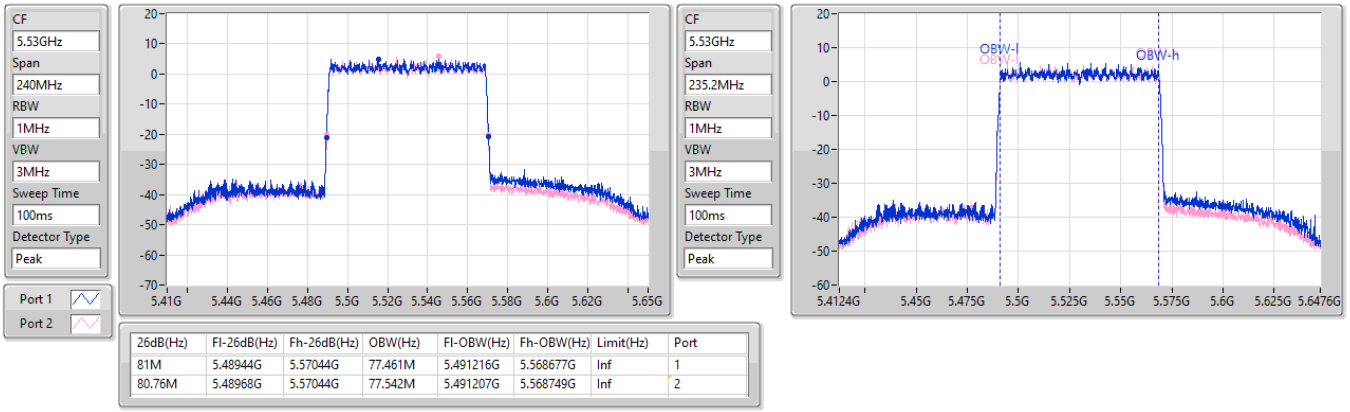


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81M	5.24944G	5.33044G	77.609M	5.251113G	5.328722G	Inf	1
80.76M	5.24956G	5.33032G	77.534M	5.251132G	5.328665G	Inf	2

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

5530MHz

11/01/2023

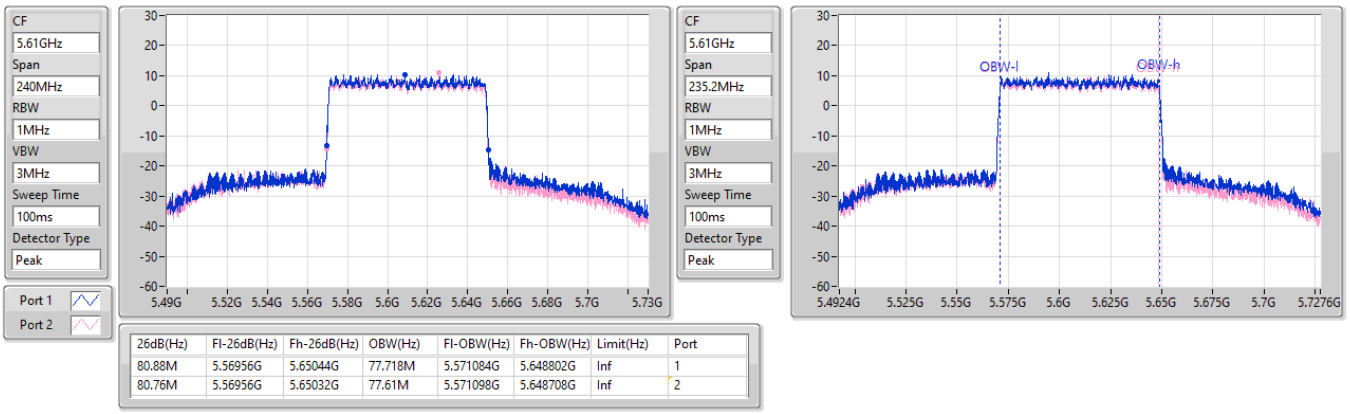


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81M	5.48944G	5.57044G	77.461M	5.491216G	5.568677G	Inf	1
80.76M	5.48968G	5.57044G	77.542M	5.491207G	5.568749G	Inf	2

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

5610MHz

11/01/2023

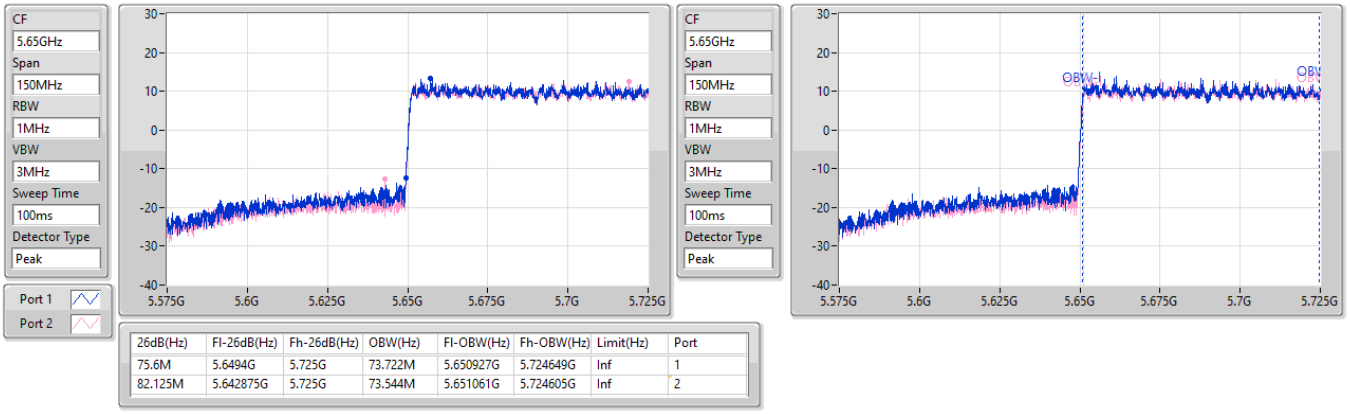


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.88M	5.56956G	5.65044G	77.718M	5.571084G	5.648802G	Inf	1
80.76M	5.56956G	5.65032G	77.61M	5.571098G	5.648708G	Inf	2

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

5690MHz Straddle 5.47-5.725GHz

11/01/2023

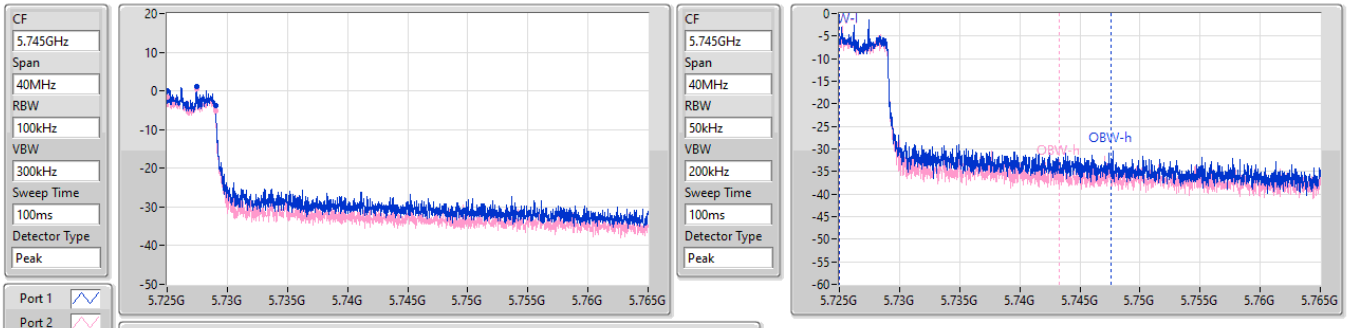


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.6M	5.6494G	5.725G	73.722M	5.650927G	5.724649G	Inf	1
82.125M	5.642875G	5.725G	73.544M	5.651061G	5.724605G	Inf	2

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

5690MHz Straddle 5.725-5.85GHz

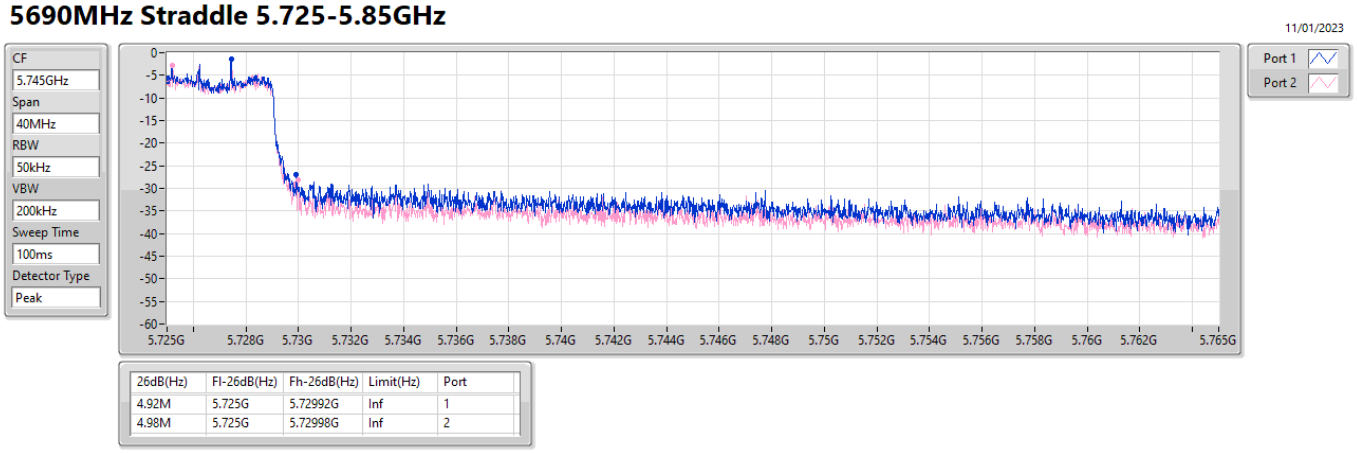
11/01/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4M	5.725G	5.729G	22.574M	5.725017G	5.747592G	500k	1
4.02M	5.725G	5.72902G	18.287M	5.725017G	5.743304G	500k	2

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

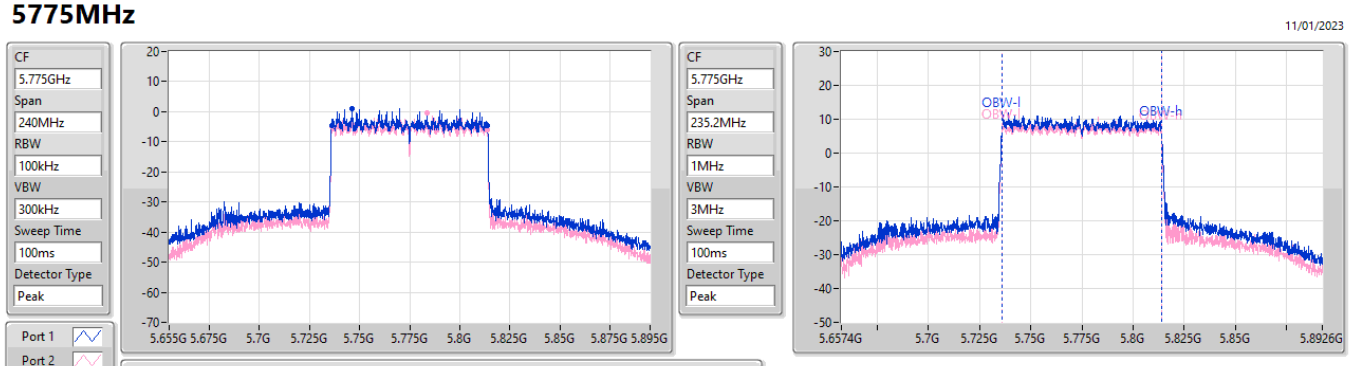
5690MHz Straddle 5.725-5.85GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.92M	5.725G	5.72992G	Inf	1
4.98M	5.725G	5.72998G	Inf	2

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

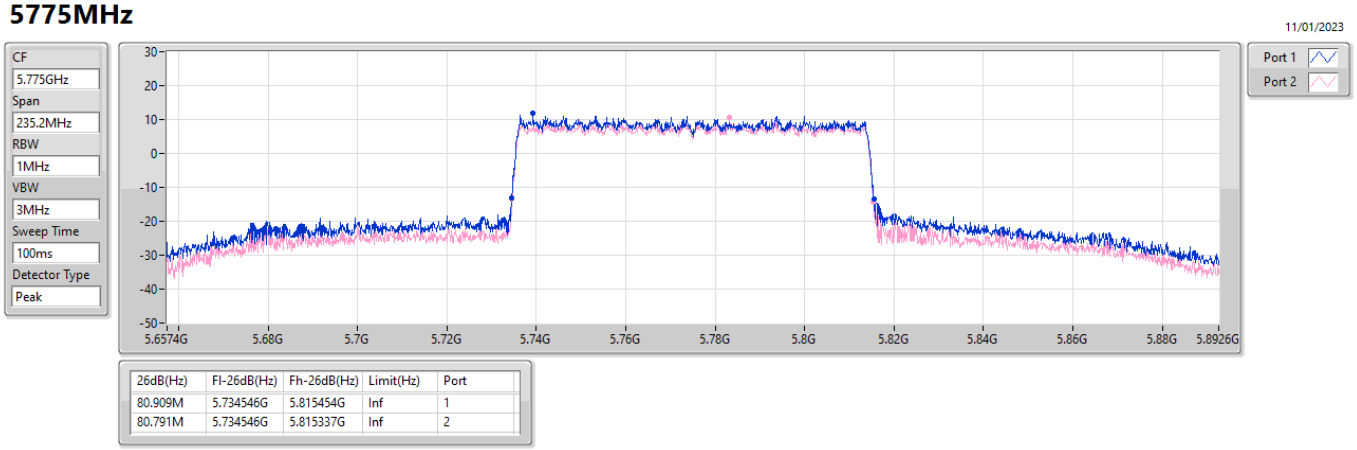
5775MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
77.88M	5.736G	5.81388G	77.727M	5.736065G	5.813792G	500k	1
77.76M	5.73612G	5.81388G	77.731M	5.736073G	5.813804G	500k	2

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

5775MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
80.909M	5.734546G	5.815454G	Inf	1
80.791M	5.734546G	5.815337G	Inf	2

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	19.21	0.08337
802.11ax HEW20_Nss1,(MCS0)_2TX	20.11	0.10257
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.11	0.10257
802.11ax HEW40_Nss1,(MCS0)_2TX	22.78	0.18967
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.59	0.14421
802.11ax HEW80_Nss1,(MCS0)_2TX	14.86	0.03062
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	14.86	0.03062
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	18.61	0.07261
802.11ax HEW20_Nss1,(MCS0)_2TX	19.14	0.08204
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	19.14	0.08204
802.11ax HEW40_Nss1,(MCS0)_2TX	22.61	0.18239
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.63	0.14555
802.11ax HEW80_Nss1,(MCS0)_2TX	14.05	0.02541
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	14.05	0.02541
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	18.80	0.07586
802.11ax HEW20_Nss1,(MCS0)_2TX	19.61	0.09141
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	19.61	0.09141
802.11ax HEW40_Nss1,(MCS0)_2TX	20.27	0.10641
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	20.27	0.10641
802.11ax HEW80_Nss1,(MCS0)_2TX	22.01	0.15885
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	21.56	0.14322
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	22.10	0.16218
802.11ax HEW20_Nss1,(MCS0)_2TX	22.45	0.17579
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	22.45	0.17579
802.11ax HEW40_Nss1,(MCS0)_2TX	22.68	0.18535
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	22.68	0.18535
802.11ax HEW80_Nss1,(MCS0)_2TX	19.64	0.09204
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	19.64	0.09204

Result

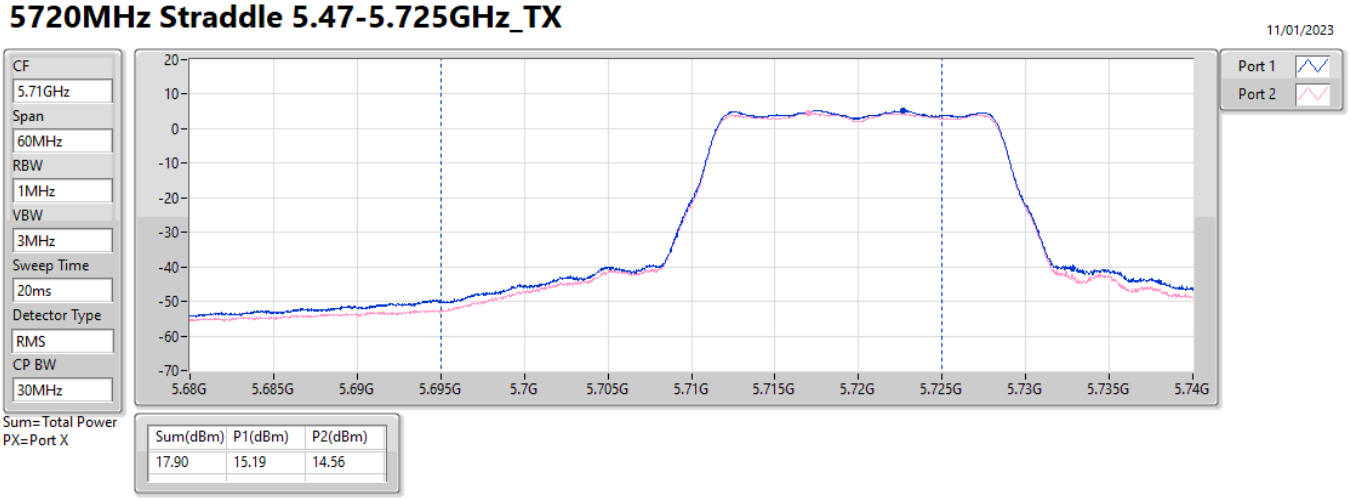
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.16	16.66	15.69	19.21	23.98
5200MHz	Pass	5.16	16.07	15.27	18.70	23.98
5240MHz	Pass	5.16	15.35	14.91	18.15	23.98
5260MHz	Pass	5.16	16.04	15.11	18.61	23.98
5300MHz	Pass	5.16	13.73	12.85	16.32	23.98
5320MHz	Pass	5.16	13.62	12.89	16.28	23.98
5500MHz	Pass	5.16	14.01	13.42	16.74	23.98
5580MHz	Pass	5.16	16.18	15.35	18.80	23.98
5700MHz	Pass	5.16	15.88	15.36	18.64	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.16	15.19	14.56	17.90	22.78
5720MHz Straddle 5.725-5.85GHz	Pass	5.16	9.09	8.47	11.80	30.00
5745MHz	Pass	5.16	18.14	16.87	20.56	30.00
5785MHz	Pass	5.16	18.65	17.66	21.19	30.00
5825MHz	Pass	5.16	19.6	18.50	22.10	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.16	17.53	16.62	20.11	23.98
5200MHz	Pass	5.16	17.05	16.13	19.62	23.98
5240MHz	Pass	5.16	17.12	16.32	19.75	23.98
5260MHz	Pass	5.16	16.49	15.74	19.14	23.98
5300MHz	Pass	5.16	14.19	13.40	16.82	23.98
5320MHz	Pass	5.16	15.06	14.33	17.72	23.98
5500MHz	Pass	5.16	14.47	14.00	17.25	23.98
5580MHz	Pass	5.16	16.96	16.21	19.61	23.98
5700MHz	Pass	5.16	15.5	14.85	18.20	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.16	15.45	14.80	18.15	22.85
5720MHz Straddle 5.725-5.85GHz	Pass	5.16	10.17	9.53	12.87	30.00
5745MHz	Pass	5.16	15.37	14.44	17.94	30.00
5785MHz	Pass	5.16	17.14	16.13	19.67	30.00
5825MHz	Pass	5.16	19.95	18.87	22.45	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	5.16	14.97	14.34	17.68	23.98
5230MHz	Pass	5.16	20.14	19.37	22.78	23.98
5270MHz	Pass	5.16	20.07	19.07	22.61	23.98
5310MHz	Pass	5.16	14.66	13.93	17.32	23.98
5510MHz	Pass	5.16	14.46	13.99	17.24	23.98
5550MHz	Pass	5.16	17.68	16.62	20.19	23.98
5670MHz	Pass	5.16	17.55	16.94	20.27	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.16	16.88	16.28	19.60	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.16	7.29	6.80	10.06	30.00
5755MHz	Pass	5.16	20.07	19.01	22.58	30.00
5795MHz	Pass	5.16	19.95	19.37	22.68	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	5.16	11.93	11.77	14.86	23.98
5290MHz	Pass	5.16	11.4	10.65	14.05	23.98
5530MHz	Pass	5.16	11.64	11.13	14.40	23.98
5610MHz	Pass	5.16	16.86	16.15	19.53	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.16	19.24	18.75	22.01	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.16	6.5	6.11	9.32	30.00
5775MHz	Pass	5.16	17.04	16.17	19.64	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.17	17.53	16.62	20.11	21.81
5200MHz	Pass	8.17	17.05	16.13	19.62	21.81
5240MHz	Pass	8.17	17.12	16.32	19.75	21.81
5260MHz	Pass	8.17	16.49	15.74	19.14	21.81

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
5300MHz	Pass	8.17	14.19	13.40	16.82	21.81
5320MHz	Pass	8.17	15.06	14.33	17.72	21.81
5500MHz	Pass	8.17	14.47	14.00	17.25	21.81
5580MHz	Pass	8.17	16.96	16.21	19.61	21.81
5700MHz	Pass	8.17	15.5	14.85	18.20	21.81
5720MHz Straddle 5.47-5.725GHz	Pass	8.17	15.45	14.80	18.15	21.81
5720MHz Straddle 5.725-5.85GHz	Pass	8.17	10.17	9.53	12.87	27.83
5745MHz	Pass	8.17	15.37	14.44	17.94	27.83
5785MHz	Pass	8.17	17.14	16.13	19.67	27.83
5825MHz	Pass	8.17	19.95	18.87	22.45	27.83
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	8.17	14.97	14.34	17.68	21.81
5230MHz	Pass	8.17	19.38	17.59	21.59	21.81
5270MHz	Pass	8.17	19.28	17.85	21.63	21.81
5310MHz	Pass	8.17	14.66	13.93	17.32	21.81
5510MHz	Pass	8.17	14.46	13.99	17.24	21.81
5550MHz	Pass	8.17	17.68	16.62	20.19	21.81
5670MHz	Pass	8.17	17.55	16.94	20.27	21.81
5710MHz Straddle 5.47-5.725GHz	Pass	8.17	16.88	16.28	19.60	21.81
5710MHz Straddle 5.725-5.85GHz	Pass	8.17	7.29	6.80	10.06	27.83
5755MHz	Pass	8.17	20.07	19.01	22.58	27.83
5795MHz	Pass	8.17	19.95	19.37	22.68	27.83
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	8.17	11.93	11.77	14.86	21.81
5290MHz	Pass	8.17	11.4	10.65	14.05	21.81
5530MHz	Pass	8.17	11.64	11.13	14.40	21.81
5610MHz	Pass	8.17	16.86	16.15	19.53	21.81
5690MHz Straddle 5.47-5.725GHz	Pass	8.17	18.80	18.29	21.56	21.81
5690MHz Straddle 5.725-5.85GHz	Pass	8.17	6.11	5.64	8.89	27.83
5775MHz	Pass	8.17	17.04	16.17	19.64	27.83

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

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

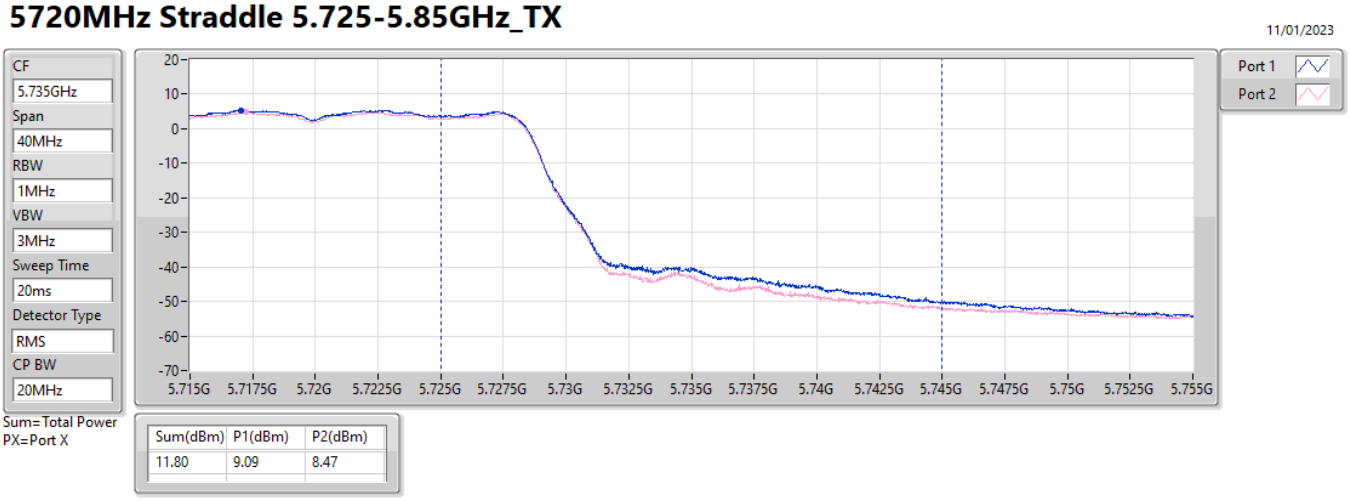
5720MHz Straddle 5.47-5.725GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)
17.90	15.19	14.56

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

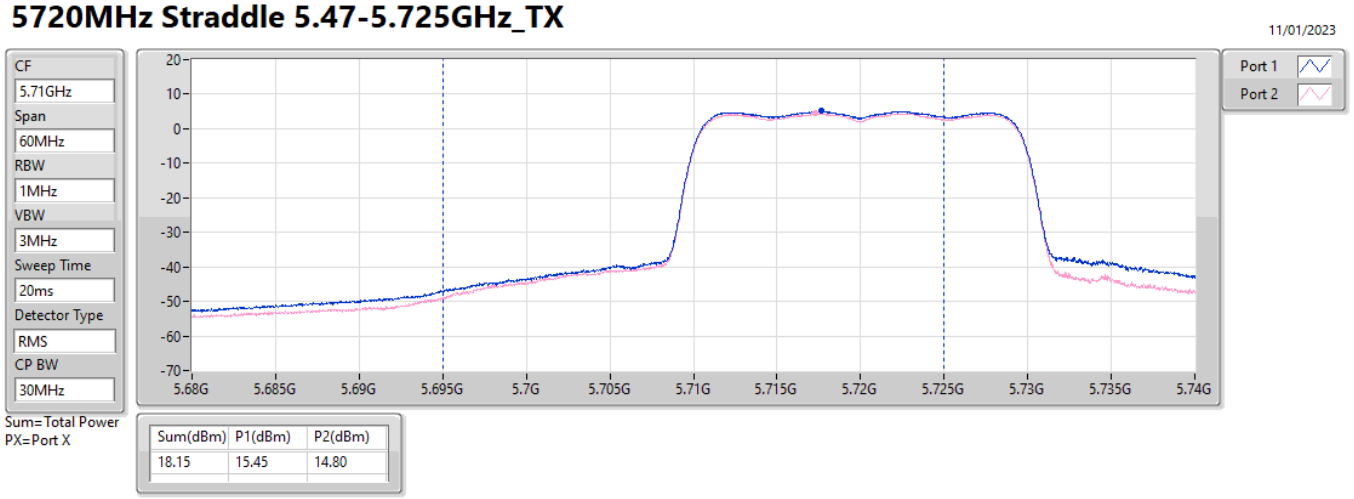
5720MHz Straddle 5.725-5.85GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)
11.80	9.09	8.47

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

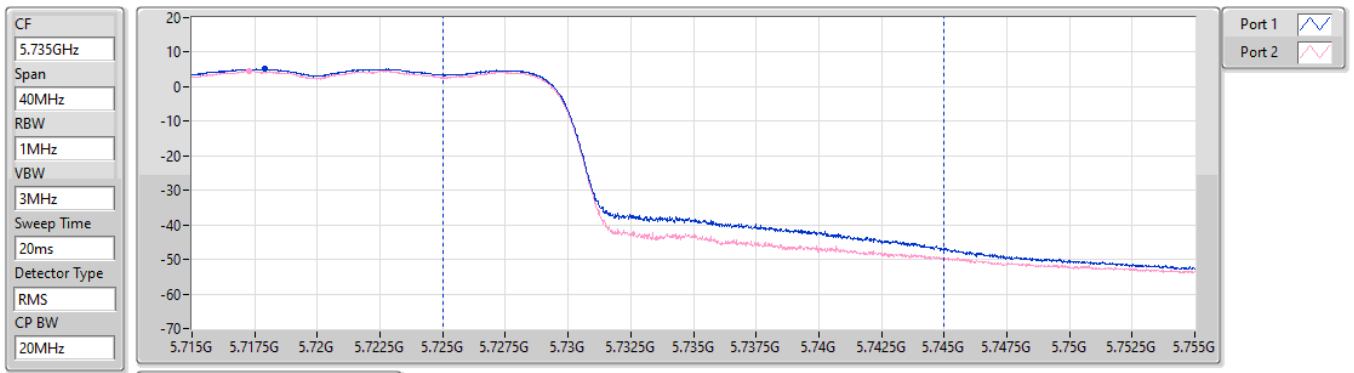
5720MHz Straddle 5.47-5.725GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)
18.15	15.45	14.80

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

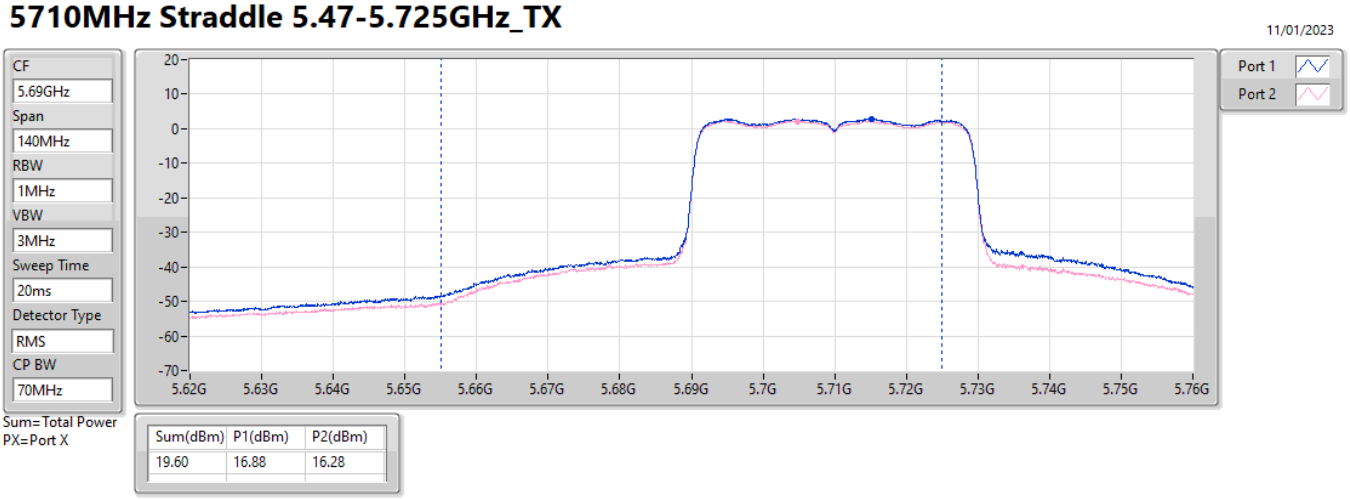
5720MHz Straddle 5.725-5.85GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)
12.87	10.17	9.53

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

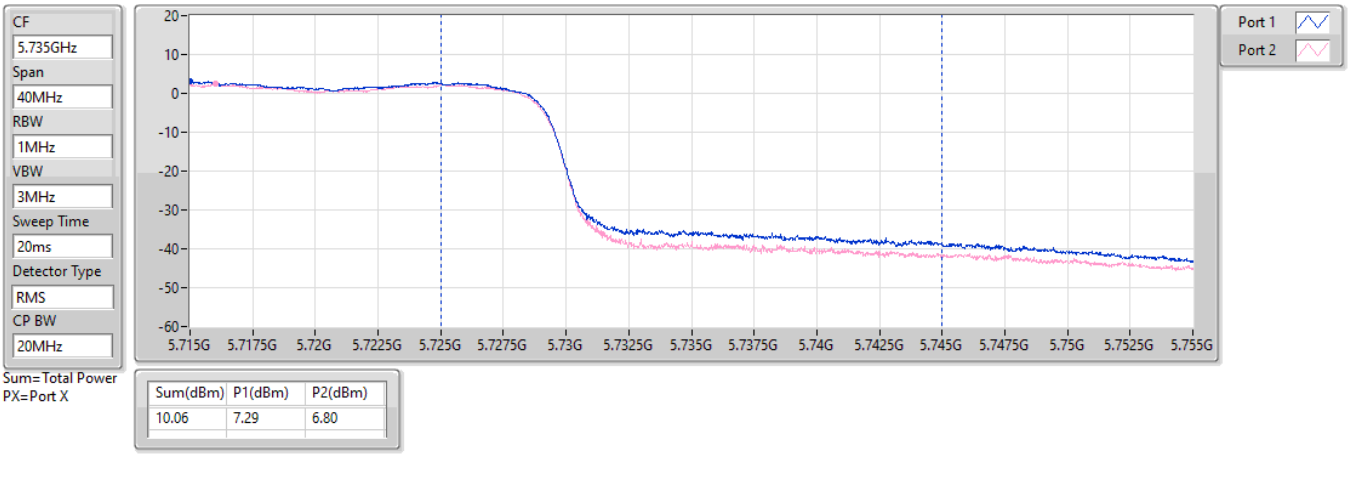
5710MHz Straddle 5.47-5.725GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)
19.60	16.88	16.28

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

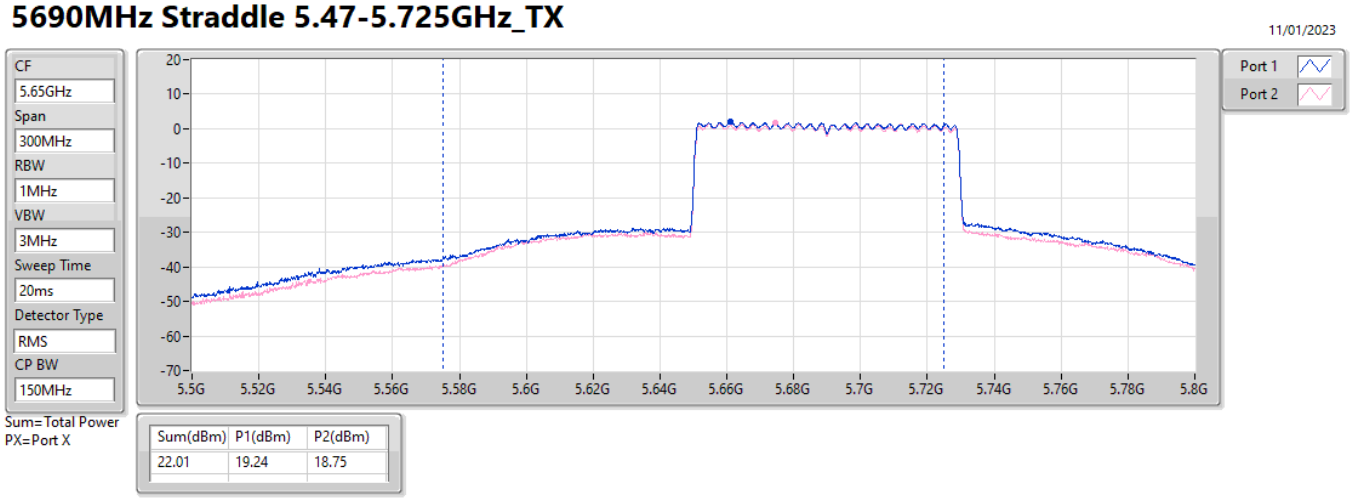
5710MHz Straddle 5.725-5.85GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)
10.06	7.29	6.80

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

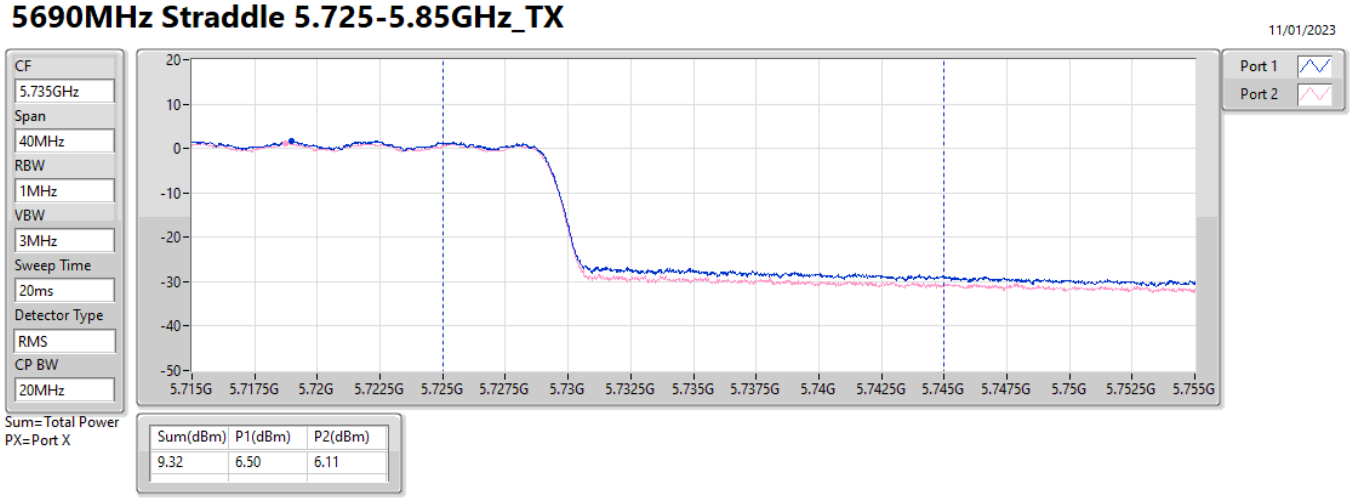
5690MHz Straddle 5.47-5.725GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)
22.01	19.24	18.75

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

5690MHz Straddle 5.725-5.85GHz_TX

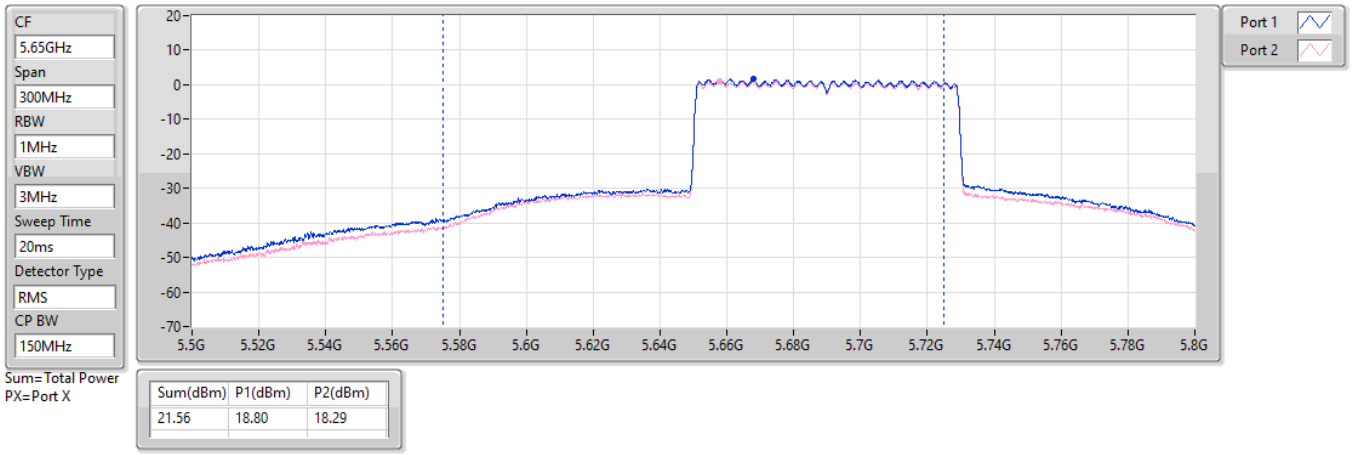


Sum(dBm)	P1(dBm)	P2(dBm)
9.32	6.50	6.11

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

5690MHz Straddle 5.47-5.725GHz_TX

11/01/2023

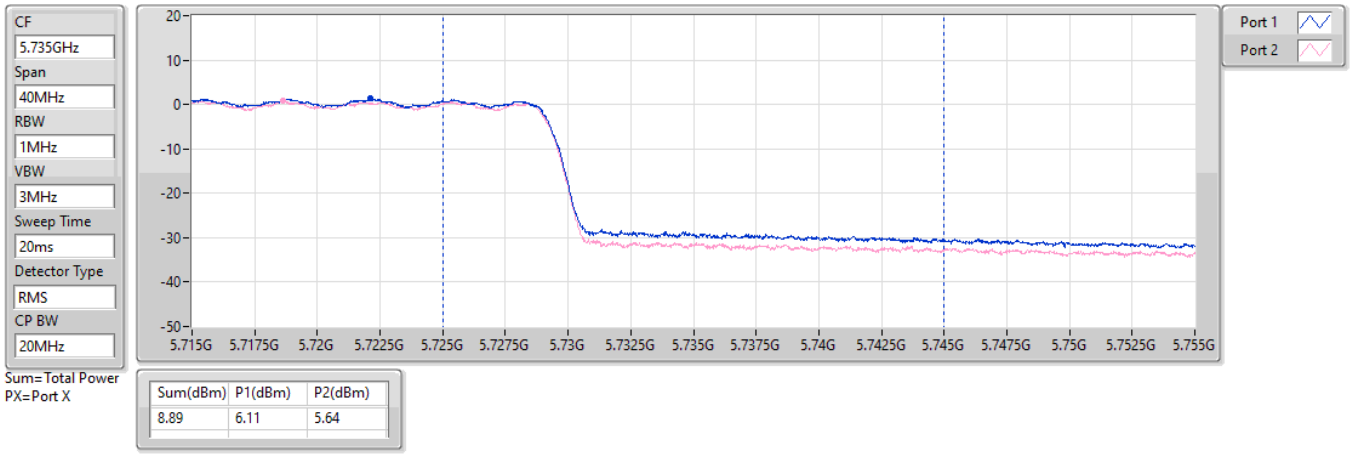


Sum(dBm)	P1(dBm)	P2(dBm)
21.56	18.80	18.29

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

5690MHz Straddle 5.725-5.85GHz_TX

11/01/2023



Sum(dBm)	P1(dBm)	P2(dBm)
8.89	6.11	5.64

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
ax20,RU106_20MHz_Nss1,(MCS0)_2TX	12.91	0.01954
ax20,RU26_20MHz_Nss1,(MCS0)_2TX	10.69	0.01172
ax20,RU52_20MHz_Nss1,(MCS0)_2TX	12.76	0.01888
ax40,RU242_40MHz_Nss1,(MCS0)_2TX	13.00	0.01995
ax80,RU484_80MHz_Nss1,(MCS0)_2TX	12.20	0.01660
5.25-5.35GHz	-	-
ax20,RU106_20MHz_Nss1,(MCS0)_2TX	12.85	0.01928
ax20,RU26_20MHz_Nss1,(MCS0)_2TX	8.61	0.00726
ax20,RU52_20MHz_Nss1,(MCS0)_2TX	11.75	0.01496
ax40,RU242_40MHz_Nss1,(MCS0)_2TX	13.01	0.02000
ax80,RU484_80MHz_Nss1,(MCS0)_2TX	11.21	0.01321
5.47-5.725GHz	-	-
ax20,RU106_20MHz_Nss1,(MCS0)_2TX	12.41	0.01742
ax20,RU26_20MHz_Nss1,(MCS0)_2TX	8.07	0.00641
ax20,RU52_20MHz_Nss1,(MCS0)_2TX	11.06	0.01276
ax40,RU242_40MHz_Nss1,(MCS0)_2TX	12.69	0.01858
ax80,RU484_80MHz_Nss1,(MCS0)_2TX	12.83	0.01919
5.725-5.85GHz	-	-
ax20,RU106_20MHz_Nss1,(MCS0)_2TX	13.45	0.02213
ax20,RU26_20MHz_Nss1,(MCS0)_2TX	12.33	0.01710
ax20,RU52_20MHz_Nss1,(MCS0)_2TX	13.35	0.02163
ax40,RU242_40MHz_Nss1,(MCS0)_2TX	13.66	0.02323
ax80,RU484(65)_80MHz_Nss1,(MCS0)_2TX	13.73	0.02360

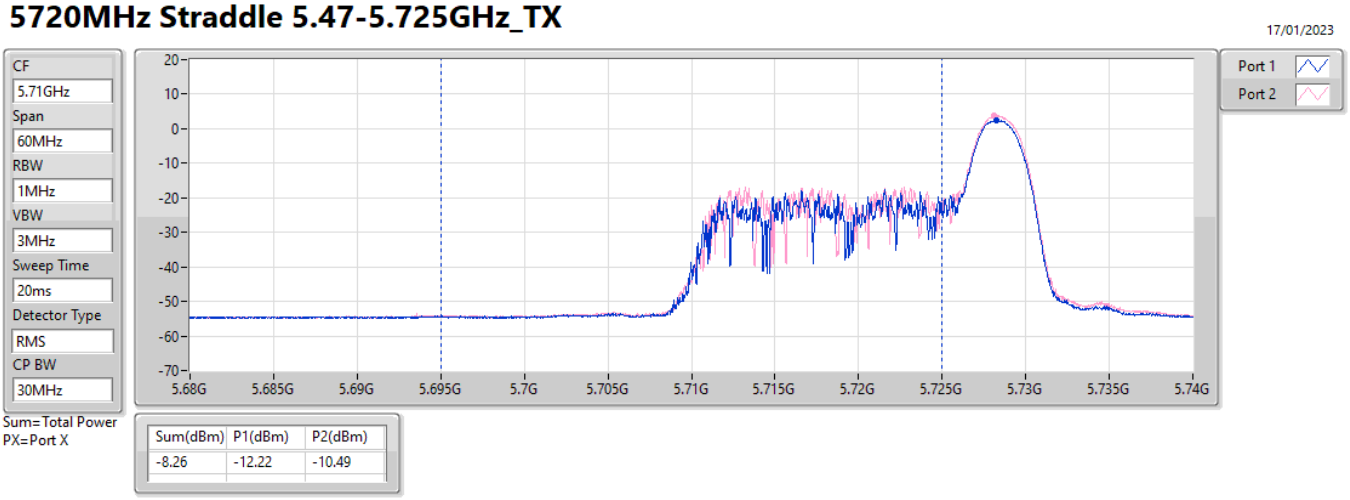
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
ax20,RU26_20MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.16	8.39	6.83	10.69	23.98
5320MHz	Pass	5.16	5.99	5.16	8.61	23.98
5500MHz	Pass	5.16	5.19	4.93	8.07	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.16	-12.22	-10.49	-8.26	23.98
5720MHz Straddle 5.725-5.85GHz	Pass	5.16	4.86	6.05	8.51	30.00
5745MHz	Pass	5.16	5.99	6.38	9.20	30.00
5825MHz	Pass	5.16	8.70	9.86	12.33	30.00
ax20,RU52_20MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.16	10.38	9.01	12.76	23.98
5320MHz	Pass	5.16	9.13	8.32	11.75	23.98
5500MHz	Pass	5.16	8.15	7.95	11.06	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.16	-6.81	-5.34	-3.00	23.98
5720MHz Straddle 5.725-5.85GHz	Pass	5.16	8.62	9.83	12.28	30.00
5745MHz	Pass	5.16	8.12	8.52	11.33	30.00
5825MHz	Pass	5.16	9.65	10.93	13.35	30.00
ax20,RU106_20MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.16	10.48	9.22	12.91	23.98
5320MHz	Pass	5.16	10.27	9.36	12.85	23.98
5500MHz	Pass	5.16	9.61	9.17	12.41	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.16	5.53	6.93	9.30	23.98
5720MHz Straddle 5.725-5.85GHz	Pass	5.16	5.86	7.12	9.55	30.00
5745MHz	Pass	5.16	10.05	10.80	13.45	30.00
5825MHz	Pass	5.16	9.80	10.98	13.44	30.00
ax40,RU242_40MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	5.16	10.56	9.33	13.00	23.98
5310MHz	Pass	5.16	10.34	9.63	13.01	23.98
5510MHz	Pass	5.16	9.88	9.46	12.69	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.16	7.46	9.08	11.36	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.16	1.84	3.07	5.51	30.00
5755MHz	Pass	5.16	10.23	11.03	13.66	30.00
5795MHz	Pass	5.16	8.92	11.04	13.12	30.00
ax80,RU484_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	5.16	9.72	8.58	12.20	23.98
5290MHz	Pass	5.16	8.46	7.92	11.21	23.98
5530MHz	Pass	5.16	7.99	7.61	10.81	23.98
5610MHz	Pass	5.16	9.77	9.86	12.83	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.16	8.18	9.87	12.12	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.16	-2.05	-0.77	1.65	30.00
ax80,RU484(65)_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5775MHz	Pass	5.16	10.06	11.29	13.73	30.00
ax80,RU484(66)_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5775MHz	Pass	5.16	9.26	11.30	13.41	30.00

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

5.47-5.725GHz_ax20,RU26_20MHz_Nss1,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TX

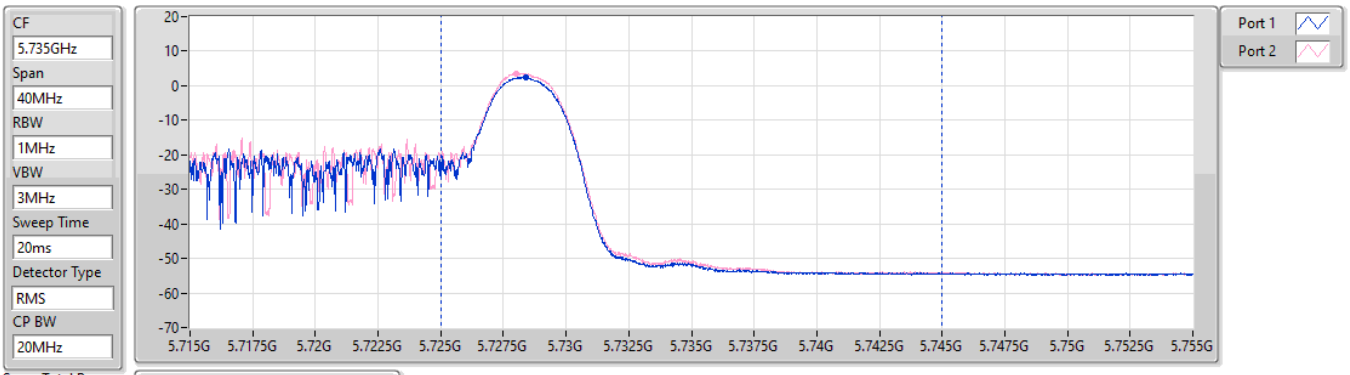


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
-8.26	-12.22	-10.49

5.725-5.85GHz_ax20,RU26_20MHz_Nss1,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TX

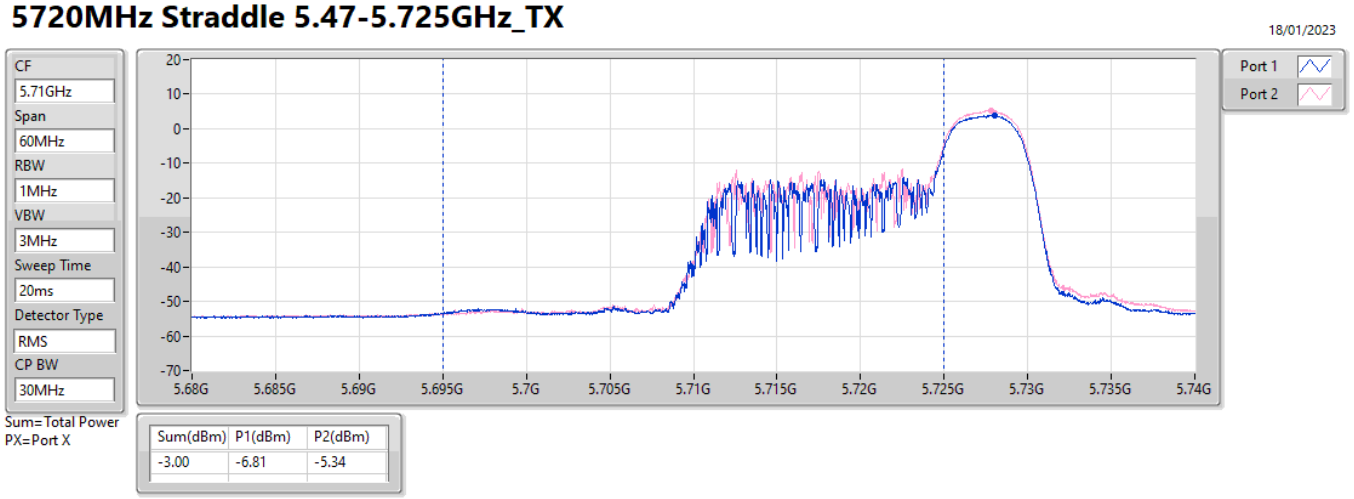


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
8.51	4.86	6.05

5.47-5.725GHz_ax20,RU52_20MHz_Nss1,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TX

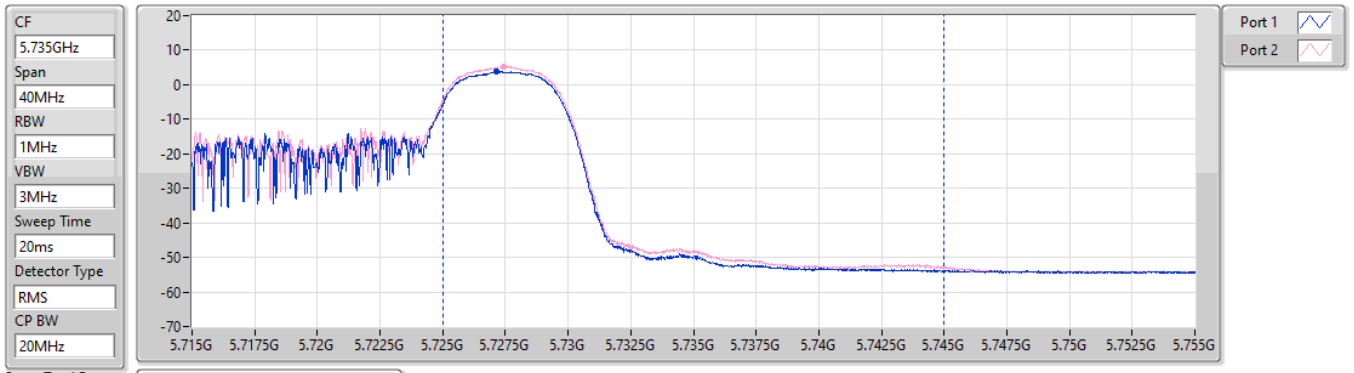


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
-3.00	-6.81	-5.34

5.725-5.85GHz_ax20,RU52_20MHz_Nss1,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TX



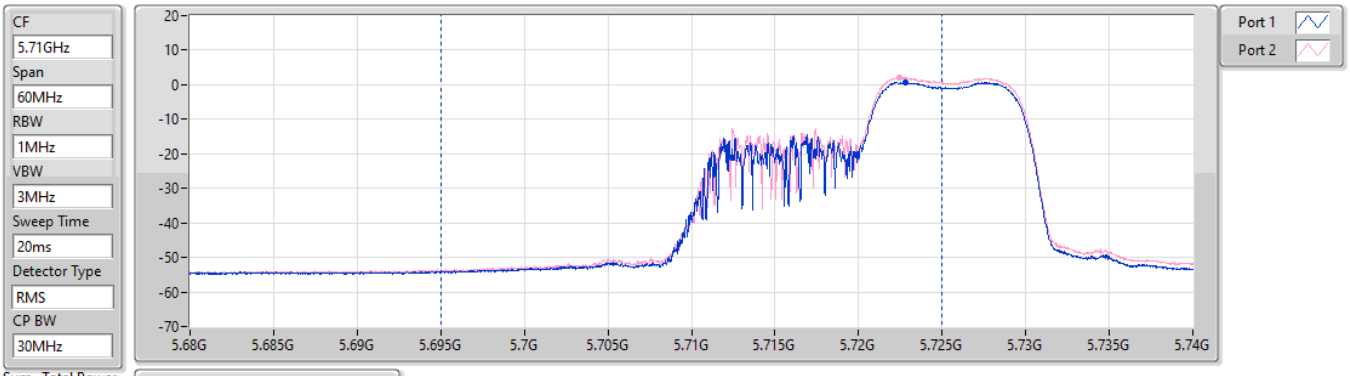
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
12.28	8.62	9.83

5.47-5.725GHz_ax20,RU106_20MHz_Nss1,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.47-5.725GHz_TX

18/01/2023

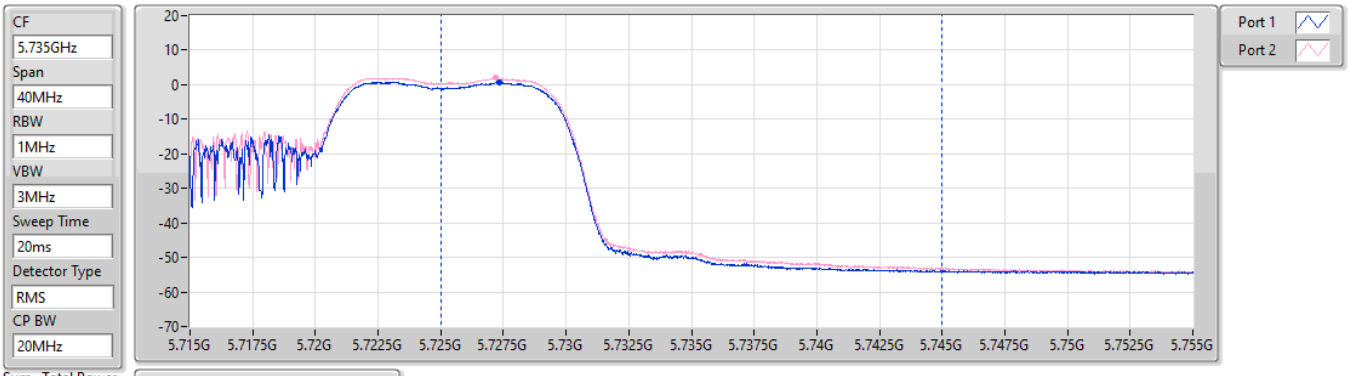


Sum(dBm)	P1(dBm)	P2(dBm)
9.30	5.53	6.93

5.725-5.85GHz_ax20,RU106_20MHz_Nss1,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.725-5.85GHz_TX

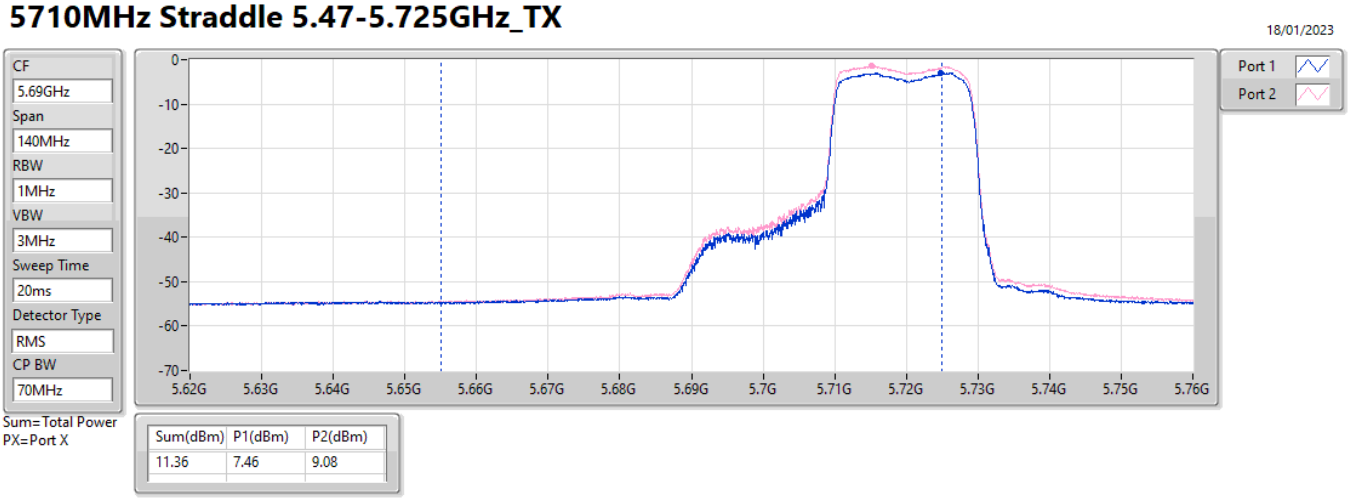
18/01/2023



Sum(dBm)	P1(dBm)	P2(dBm)
9.55	5.86	7.12

5.47-5.725GHz_ax40,RU242_40MHz_Nss1,(MCS0)_2TX **AV Power**

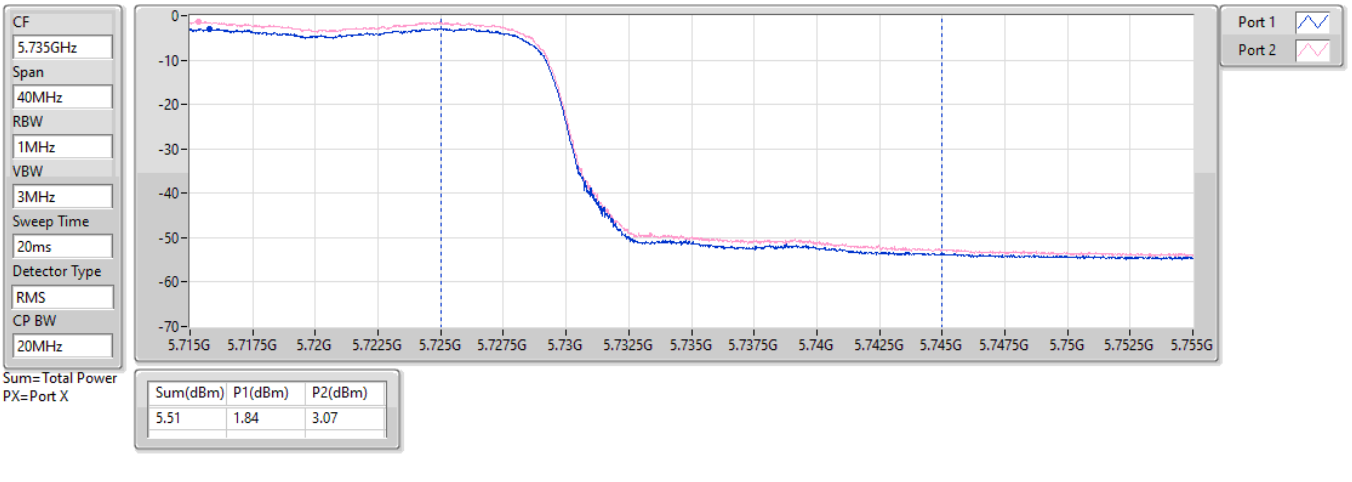
5710MHz Straddle 5.47-5.725GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)
11.36	7.46	9.08

5.725-5.85GHz_ax40,RU242_40MHz_Nss1,(MCS0)_2TX **AV Power**

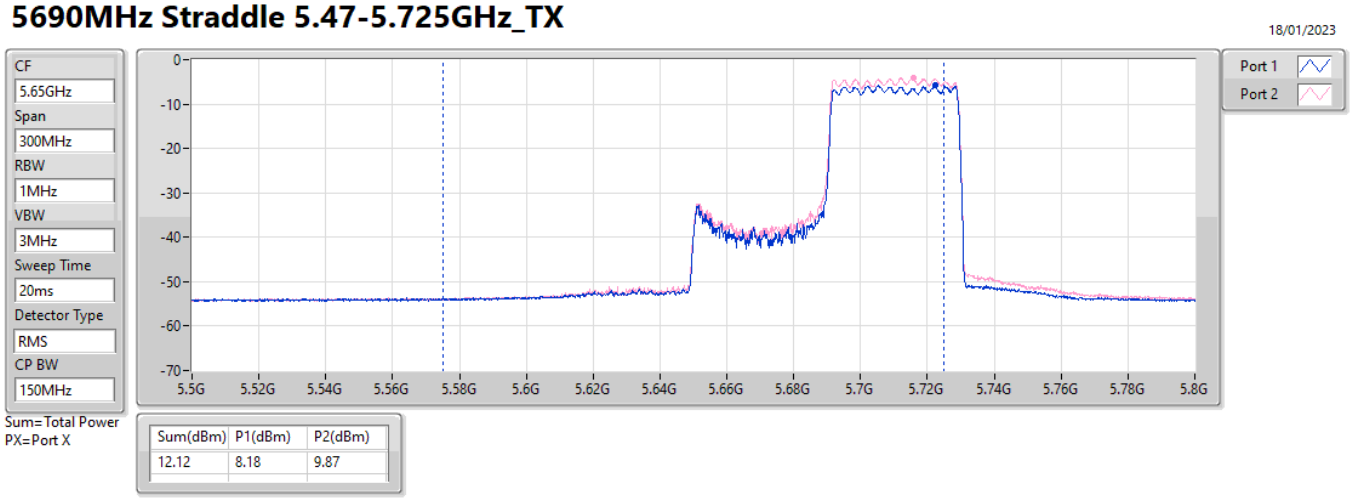
5710MHz Straddle 5.725-5.85GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)
5.51	1.84	3.07

5.47-5.725GHz_ax80,RU484_80MHz_Nss1,(MCS0)_2TX **AV Power**

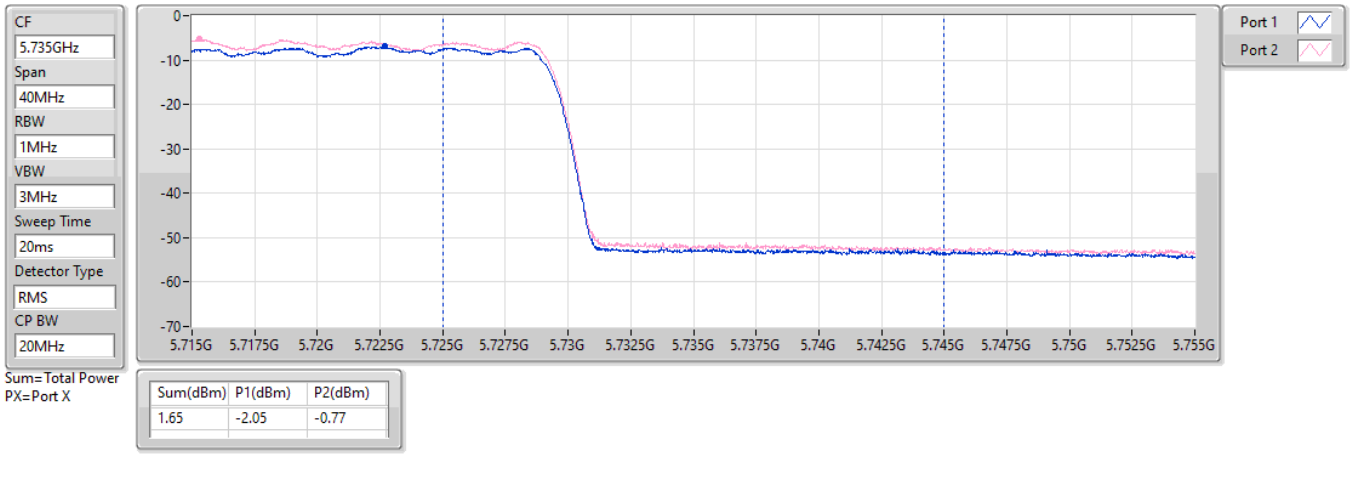
5690MHz Straddle 5.47-5.725GHz_TX



Sum(dBm)	P1(dBm)	P2(dBm)
12.12	8.18	9.87

5.725-5.85GHz_ax80,RU484_80MHz_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.725-5.85GHz_TX

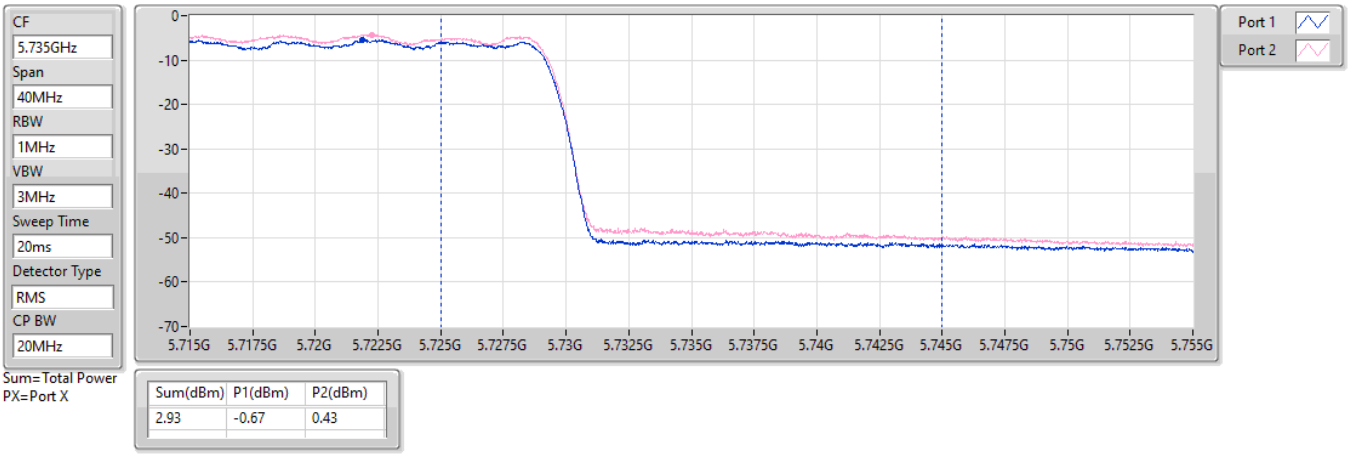


Sum(dBm)	P1(dBm)	P2(dBm)
1.65	-2.05	-0.77

5.725-5.85GHz_ax80,RU484(65)_80MHz_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.725-5.85GHz_TX

18/01/2023



Sum(dBm)	P1(dBm)	P2(dBm)
2.93	-0.67	0.43

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	6.89
802.11ax HEW20_Nss1,(MCS0)_2TX	7.09
802.11ax HEW40_Nss1,(MCS0)_2TX	7.06
802.11ax HEW80_Nss1,(MCS0)_2TX	-3.77
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	6.33
802.11ax HEW20_Nss1,(MCS0)_2TX	6.09
802.11ax HEW40_Nss1,(MCS0)_2TX	6.80
802.11ax HEW80_Nss1,(MCS0)_2TX	-4.76
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	6.48
802.11ax HEW20_Nss1,(MCS0)_2TX	6.59
802.11ax HEW40_Nss1,(MCS0)_2TX	4.36
802.11ax HEW80_Nss1,(MCS0)_2TX	3.21
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	8.33
802.11ax HEW20_Nss1,(MCS0)_2TX	7.96
802.11ax HEW40_Nss1,(MCS0)_2TX	5.20
802.11ax HEW80_Nss1,(MCS0)_2TX	1.27

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

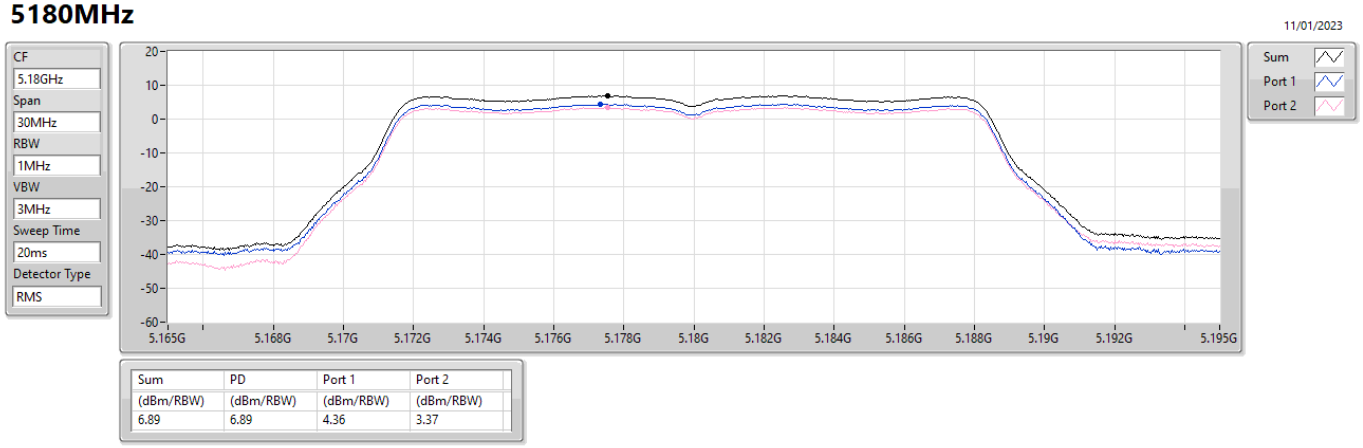
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.17	4.36	3.37	6.89	8.83
5200MHz	Pass	8.17	3.84	2.97	6.39	8.83
5240MHz	Pass	8.17	3.18	2.74	5.87	8.83
5260MHz	Pass	8.17	3.69	3.00	6.33	8.83
5300MHz	Pass	8.17	1.37	0.67	4.01	8.83
5320MHz	Pass	8.17	1.36	0.67	3.93	8.83
5500MHz	Pass	8.17	1.73	1.01	4.35	8.83
5580MHz	Pass	8.17	3.90	3.16	6.48	8.83
5700MHz	Pass	8.17	3.57	3.10	6.34	8.83
5720MHz Straddle 5.47-5.725GHz	Pass	8.17	3.70	2.93	6.27	8.83
5720MHz Straddle 5.725-5.85GHz	Pass	8.17	2.20	1.22	4.70	27.83
5745MHz	Pass	8.17	4.54	3.17	6.77	27.83
5785MHz	Pass	8.17	4.84	3.72	7.33	27.83
5825MHz	Pass	8.17	5.93	4.80	8.33	27.83
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.17	4.58	3.57	7.09	8.83
5200MHz	Pass	8.17	4.14	3.31	6.71	8.83
5240MHz	Pass	8.17	4.26	3.36	6.84	8.83
5260MHz	Pass	8.17	3.47	2.74	6.09	8.83
5300MHz	Pass	8.17	1.37	0.43	3.82	8.83
5320MHz	Pass	8.17	2.21	1.35	4.76	8.83
5500MHz	Pass	8.17	1.59	1.01	4.32	8.83
5580MHz	Pass	8.17	4.00	3.28	6.59	8.83
5700MHz	Pass	8.17	2.68	2.43	5.51	8.83
5720MHz Straddle 5.47-5.725GHz	Pass	8.17	3.49	2.86	6.19	8.83
5720MHz Straddle 5.725-5.85GHz	Pass	8.17	1.97	1.30	4.60	27.83
5745MHz	Pass	8.17	0.95	0.02	3.43	27.83
5785MHz	Pass	8.17	2.64	1.72	5.20	27.83
5825MHz	Pass	8.17	5.46	4.42	7.96	27.83
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	8.17	-1.02	-1.59	1.67	8.83
5230MHz	Pass	8.17	4.26	3.89	7.06	8.83
5270MHz	Pass	8.17	4.34	3.37	6.80	8.83
5310MHz	Pass	8.17	-1.37	-1.91	1.27	8.83
5510MHz	Pass	8.17	-1.45	-1.95	1.29	8.83
5550MHz	Pass	8.17	1.98	0.89	4.36	8.83
5670MHz	Pass	8.17	1.75	0.87	4.23	8.83
5710MHz Straddle 5.47-5.725GHz	Pass	8.17	1.34	0.73	4.00	8.83
5710MHz Straddle 5.725-5.85GHz	Pass	8.17	-0.28	-0.83	2.37	27.83
5755MHz	Pass	8.17	2.90	1.64	5.20	27.83
5795MHz	Pass	8.17	2.56	1.51	4.98	27.83
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	8.17	-6.80	-6.75	-3.77	8.83
5290MHz	Pass	8.17	-7.24	-8.04	-4.76	8.83
5530MHz	Pass	8.17	-7.30	-7.63	-4.54	8.83
5610MHz	Pass	8.17	-1.86	-2.48	0.76	8.83
5690MHz Straddle 5.47-5.725GHz	Pass	8.17	0.73	-0.05	3.21	8.83
5690MHz Straddle 5.725-5.85GHz	Pass	8.17	-1.45	-1.99	1.27	27.83
5775MHz	Pass	8.17	-3.02	-4.20	-0.67	27.83

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

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

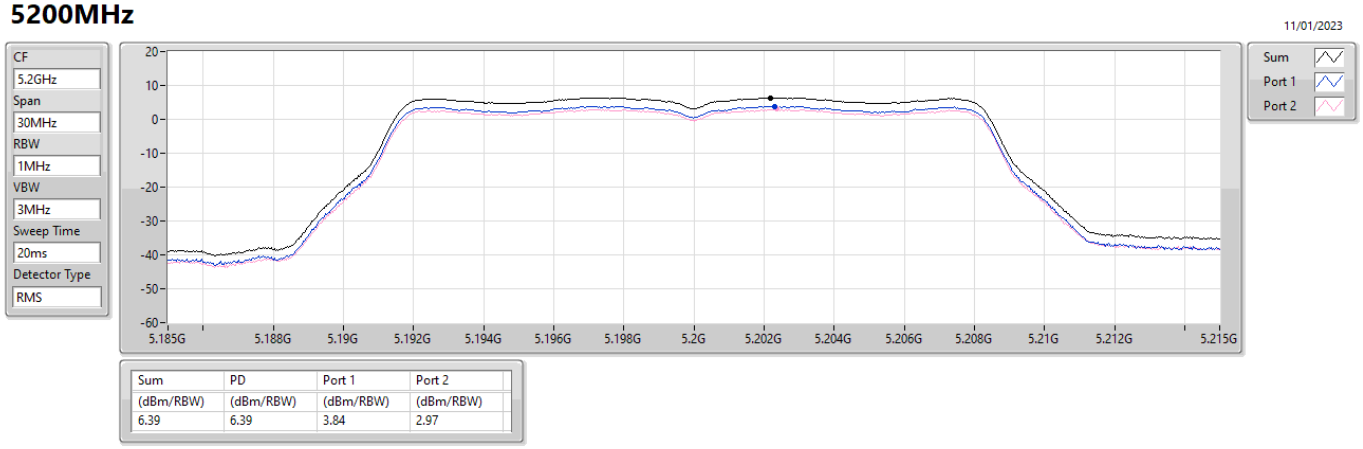
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.89	6.89	4.36	3.37

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

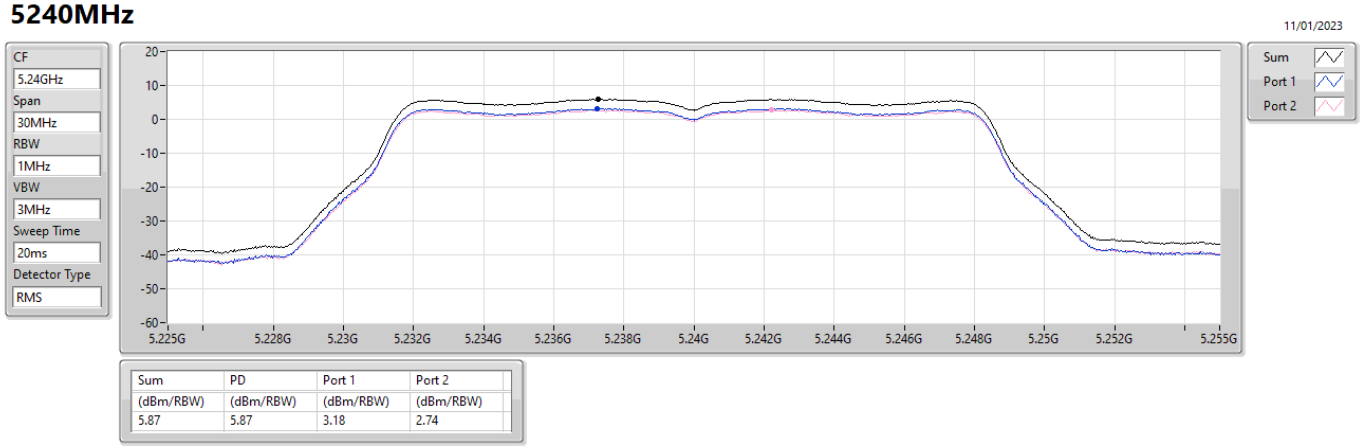
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.39	6.39	3.84	2.97

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

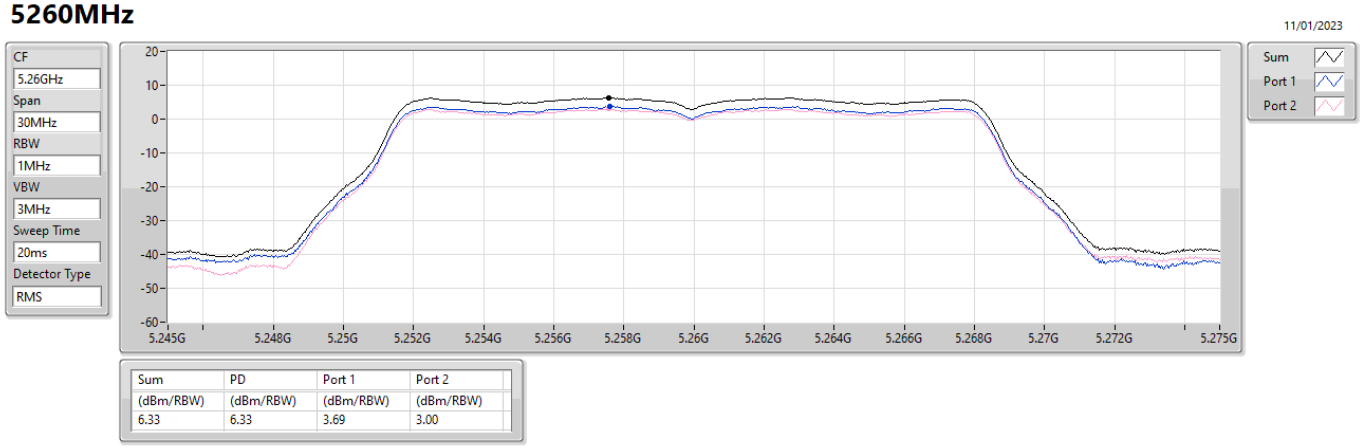
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.87	5.87	3.18	2.74

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

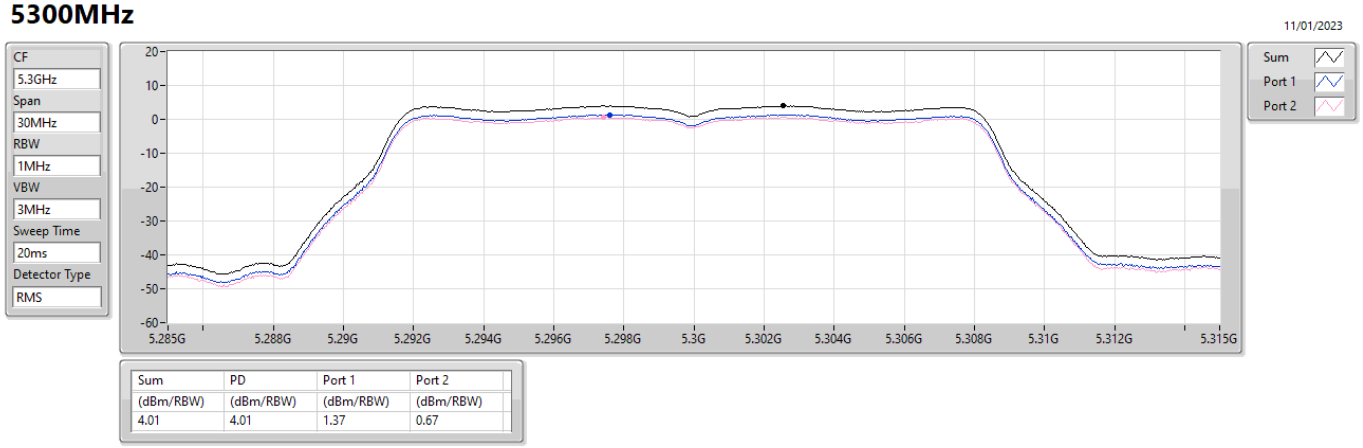
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.33	6.33	3.69	3.00

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

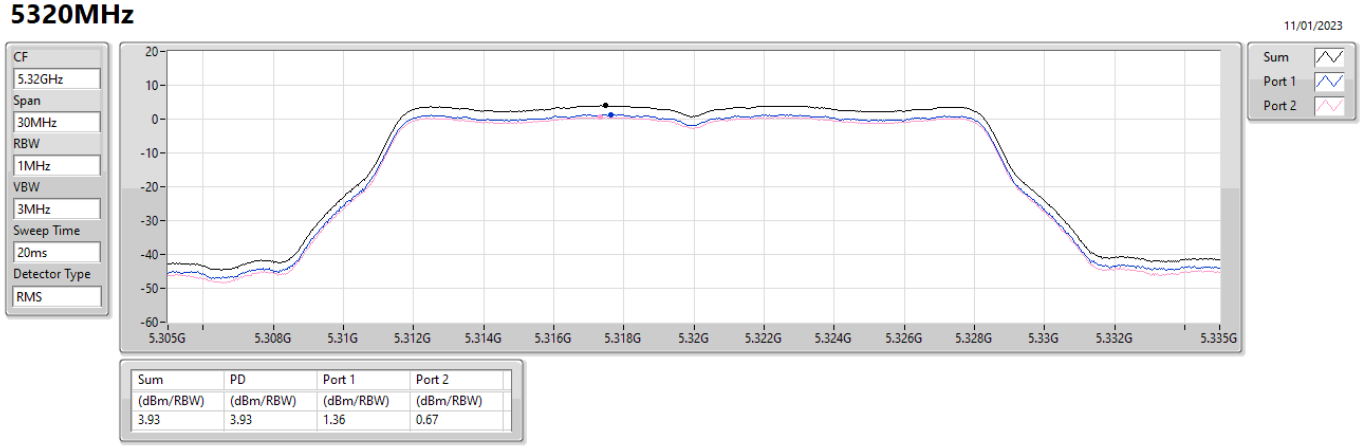
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.01	4.01	1.37	0.67

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

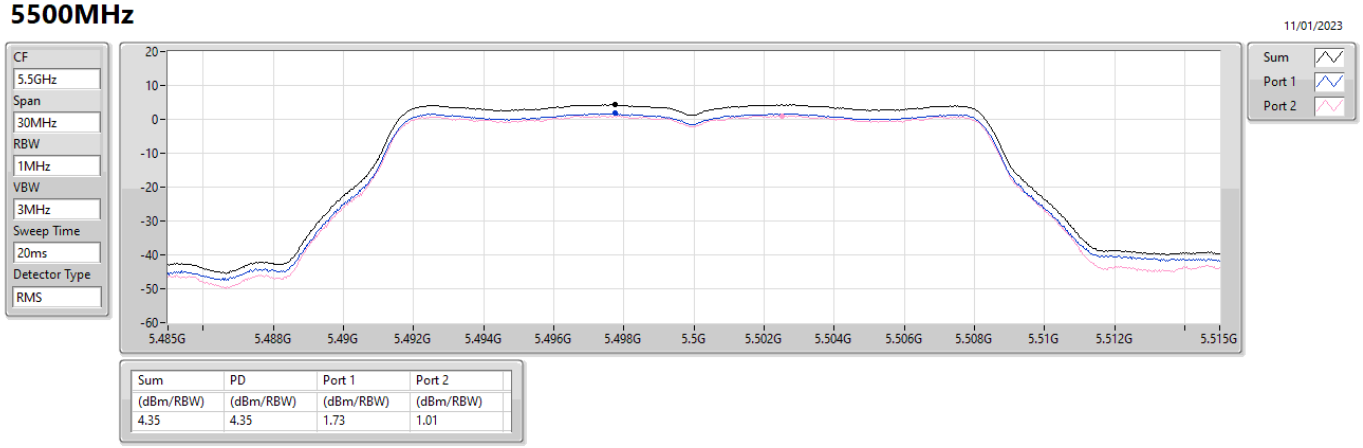
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.93	3.93	1.36	0.67

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

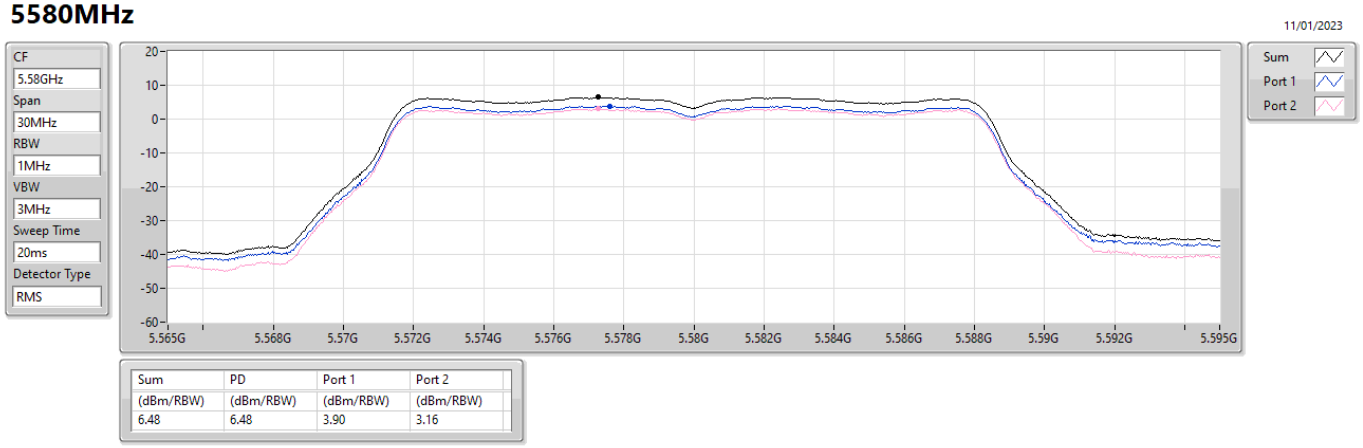
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.35	4.35	1.73	1.01

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

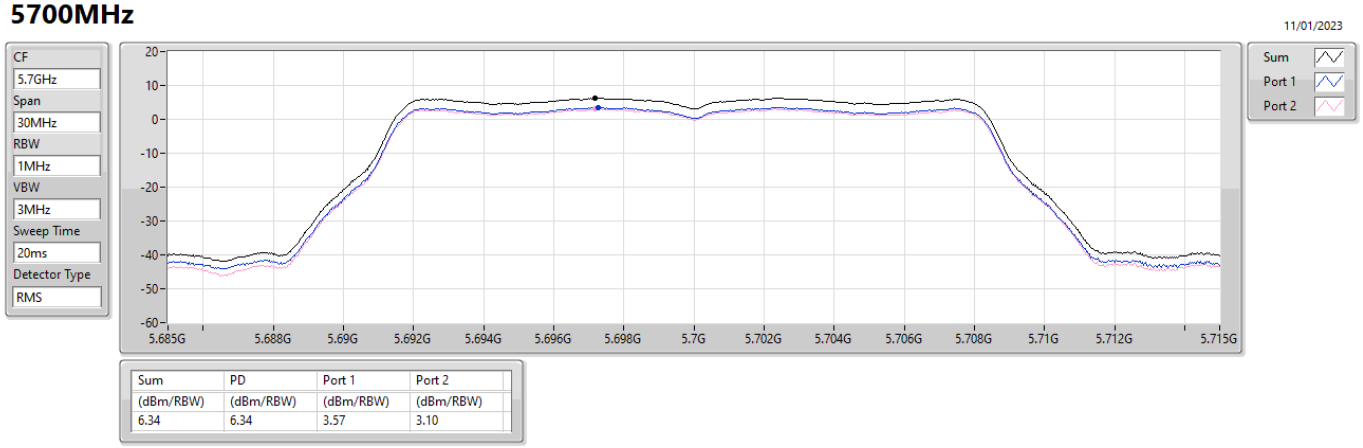
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.48	6.48	3.90	3.16

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

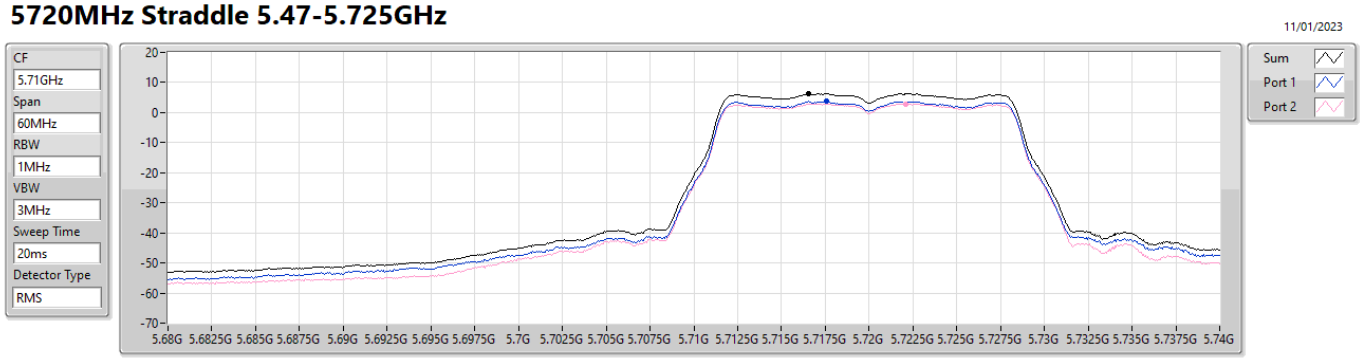
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.34	6.34	3.57	3.10

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

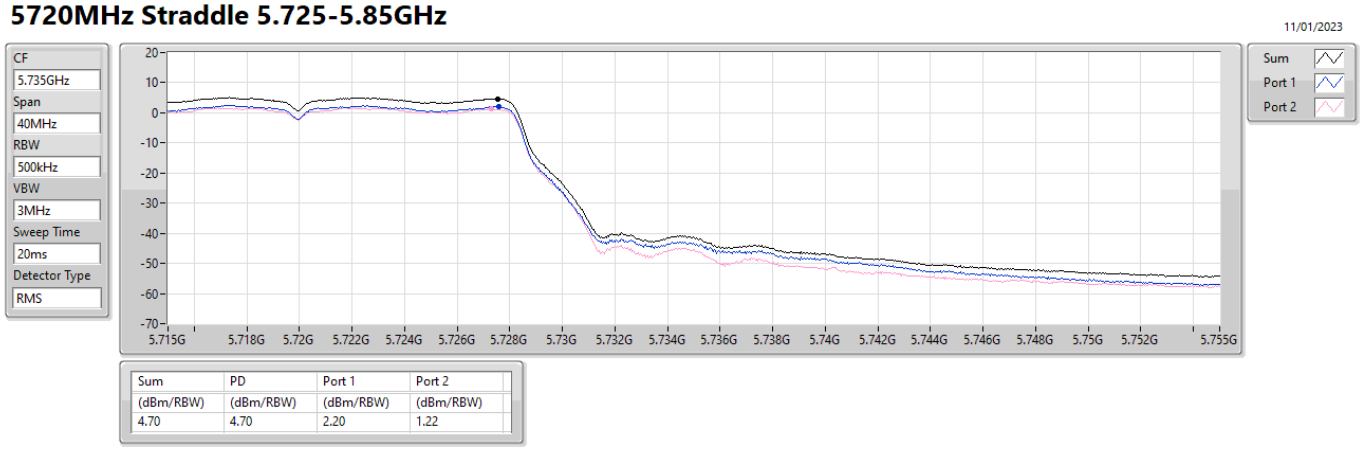
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.27	6.27	3.70	2.93

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

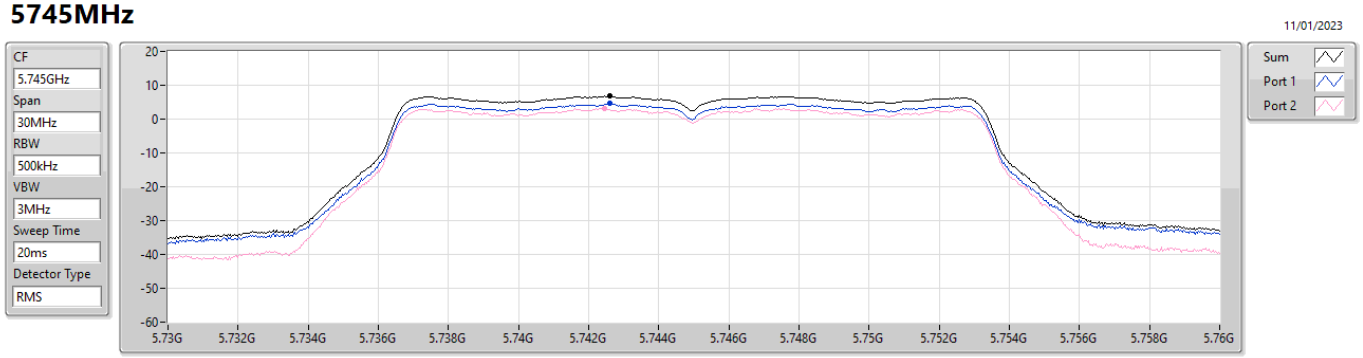
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.70	4.70	2.20	1.22

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

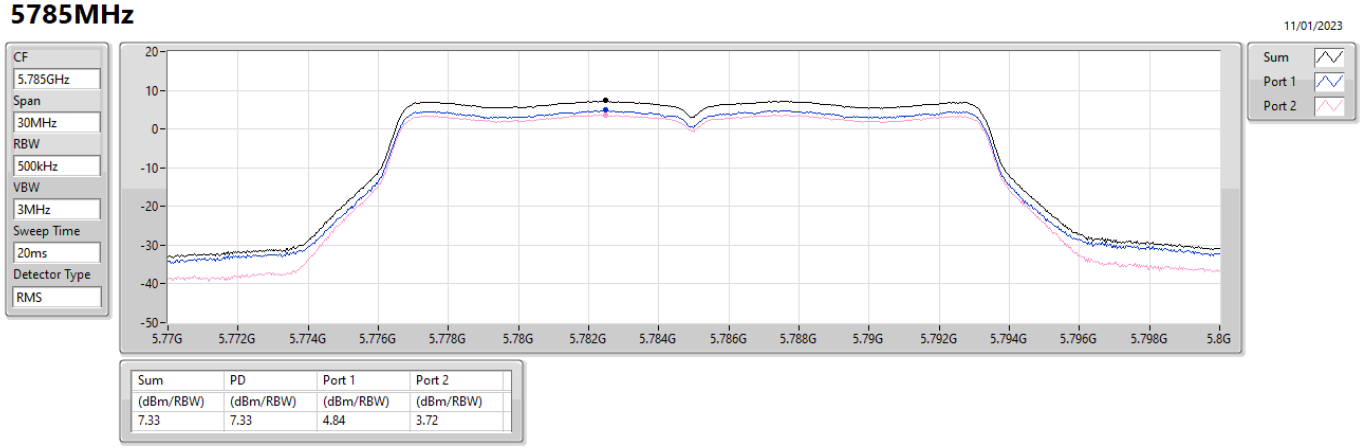
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.77	6.77	4.54	3.17

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

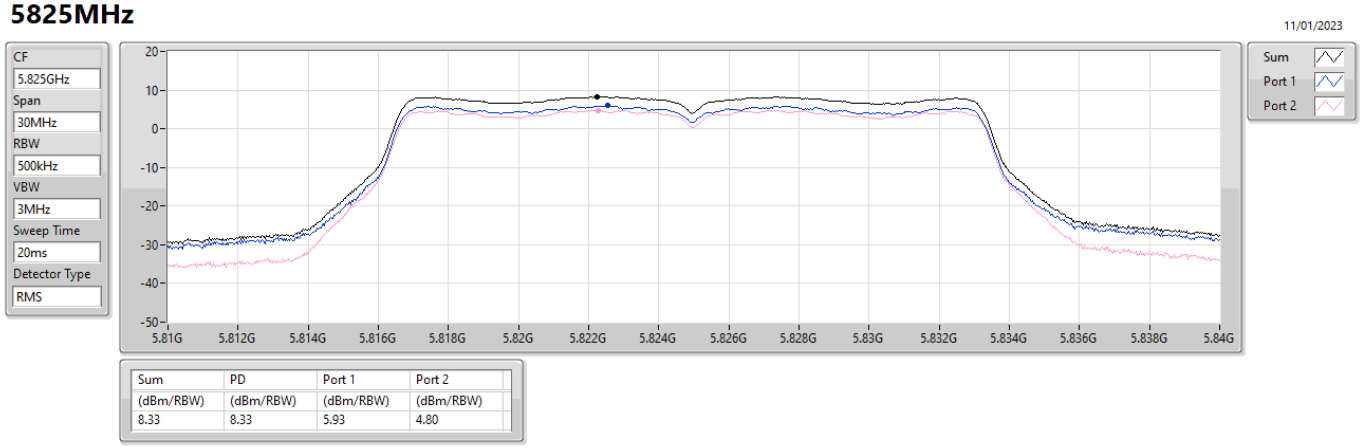
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.33	7.33	4.84	3.72

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

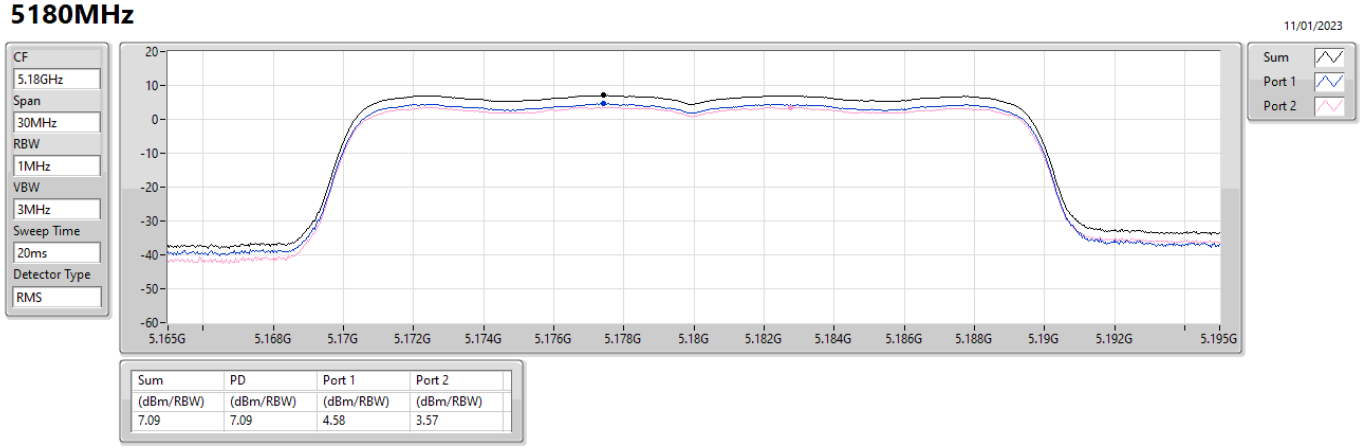
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.33	8.33	5.93	4.80

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

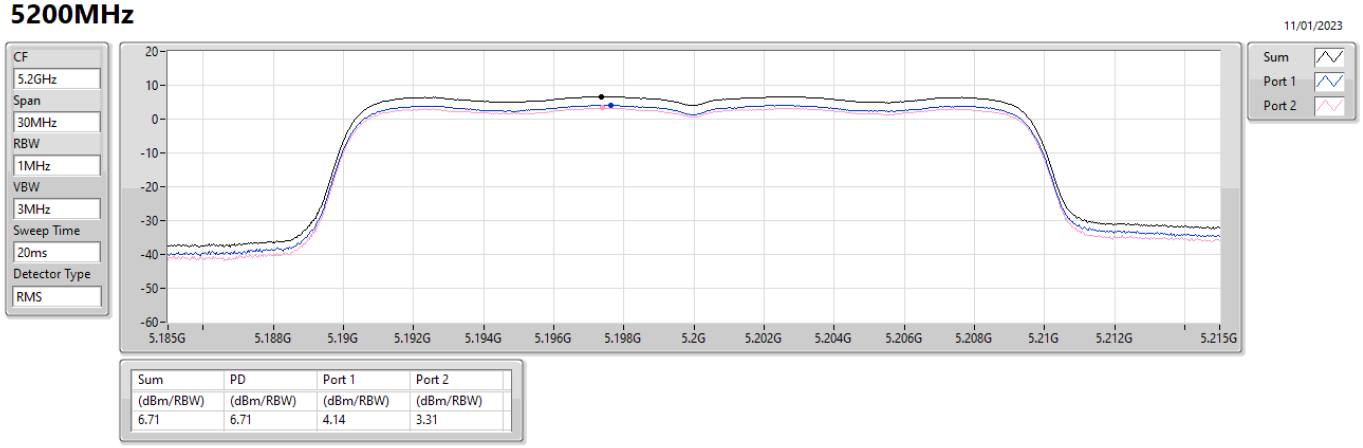
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.09	7.09	4.58	3.57

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

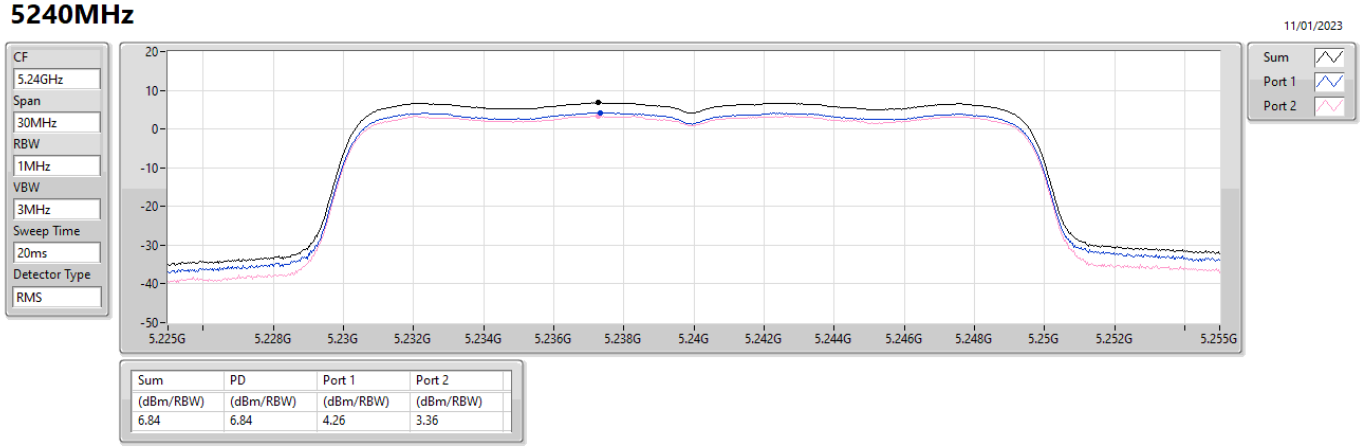
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.71	6.71	4.14	3.31

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

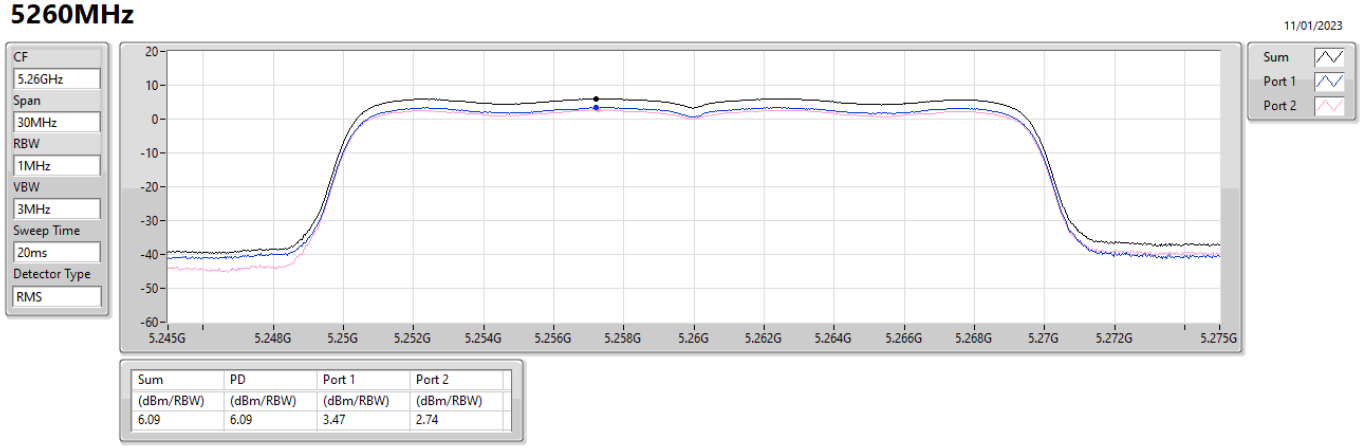
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.84	6.84	4.26	3.36

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

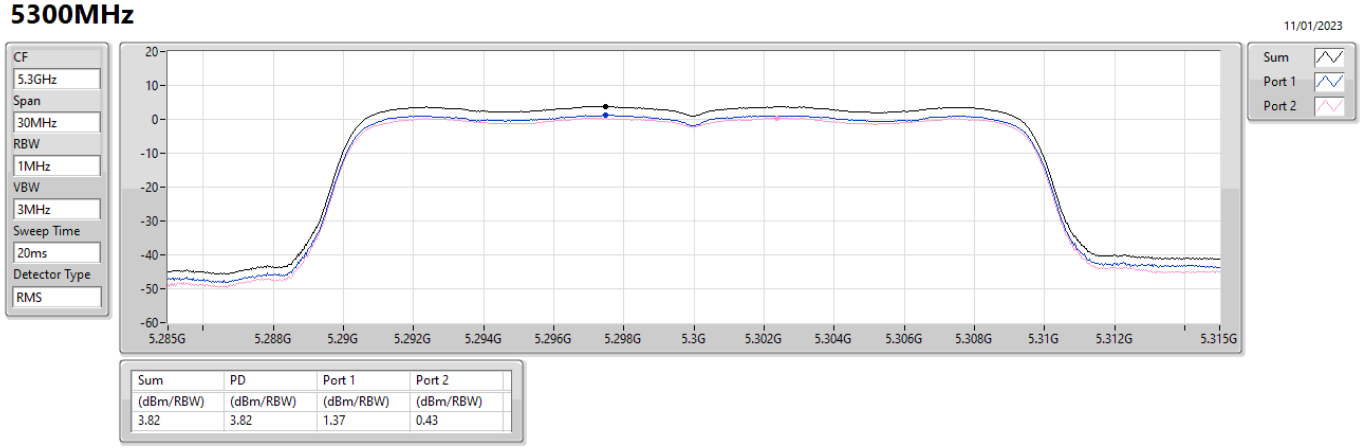
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.09	6.09	3.47	2.74

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

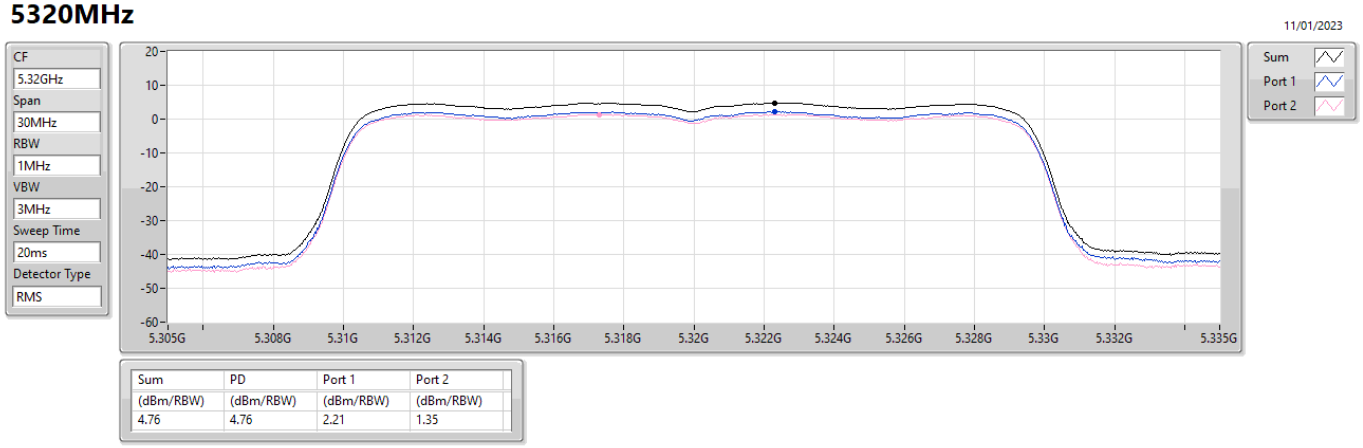
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.82	3.82	1.37	0.43

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

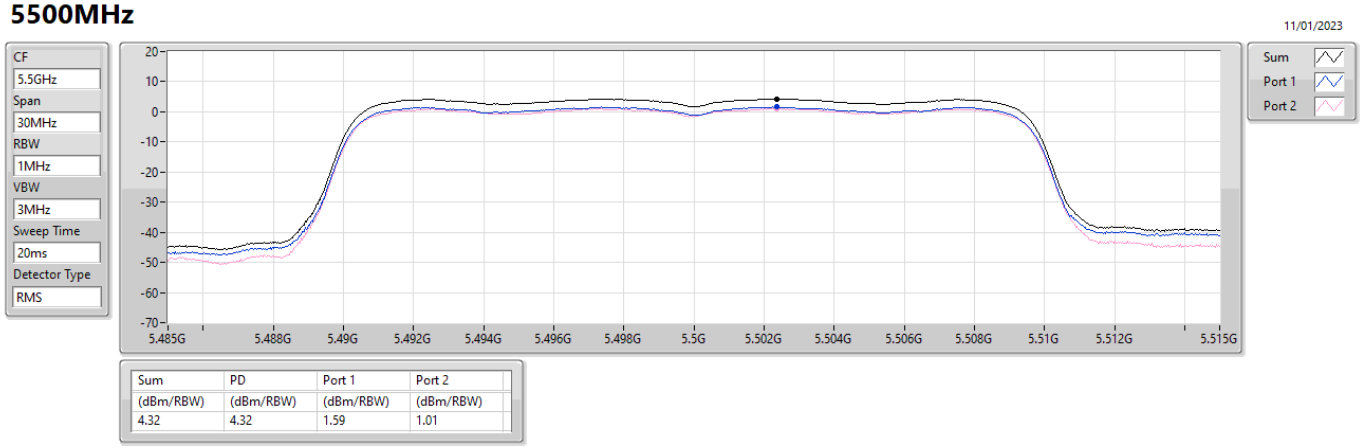
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.76	4.76	2.21	1.35

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

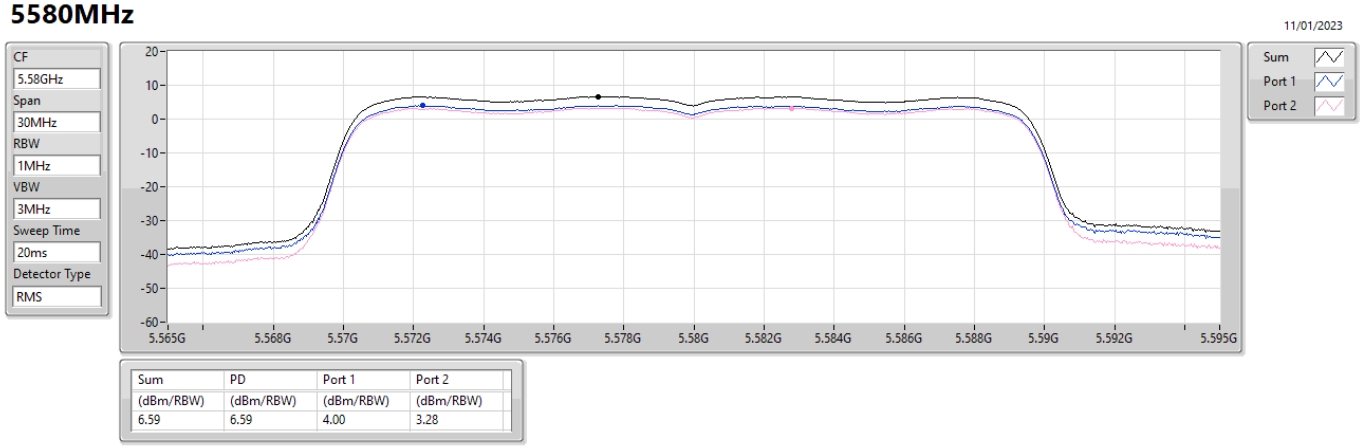
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.32	4.32	1.59	1.01

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

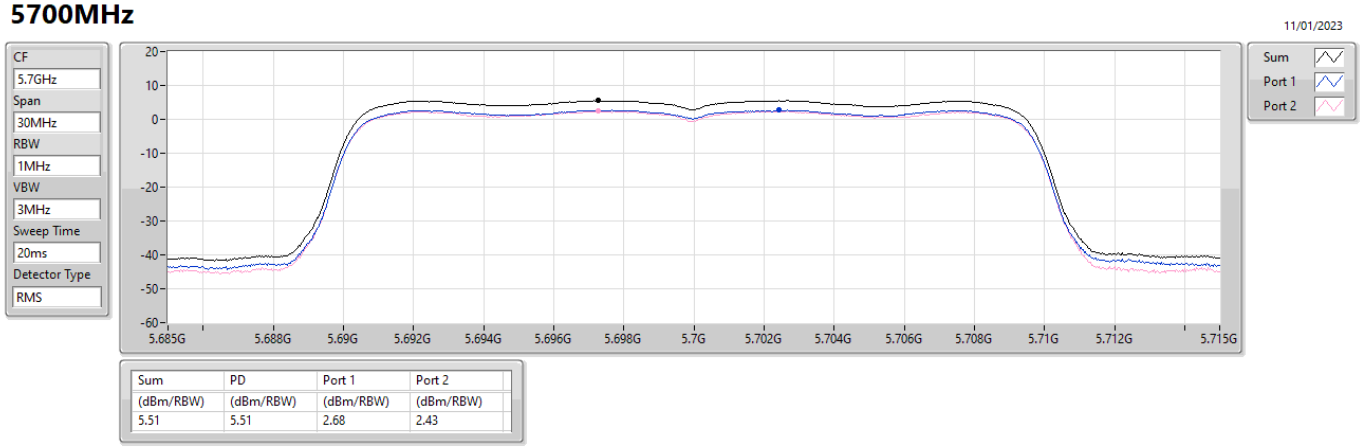
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.59	6.59	4.00	3.28

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

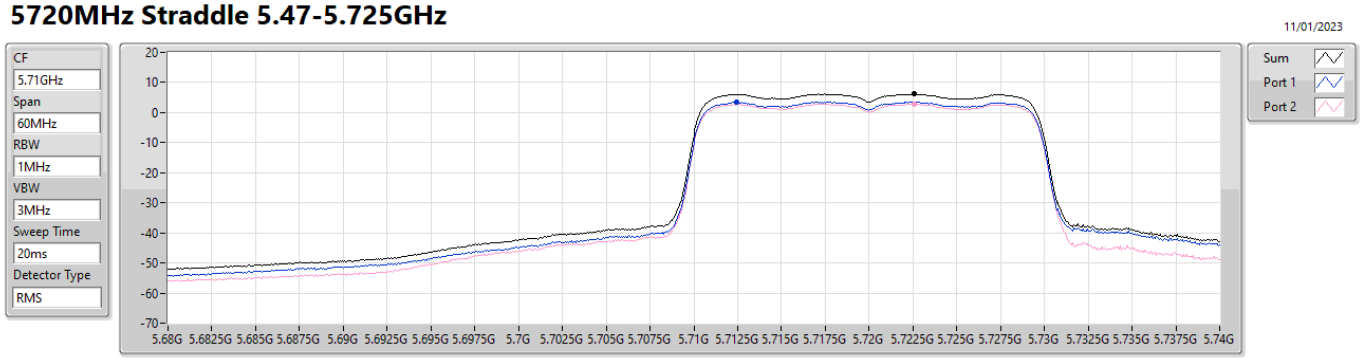
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.51	5.51	2.68	2.43

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

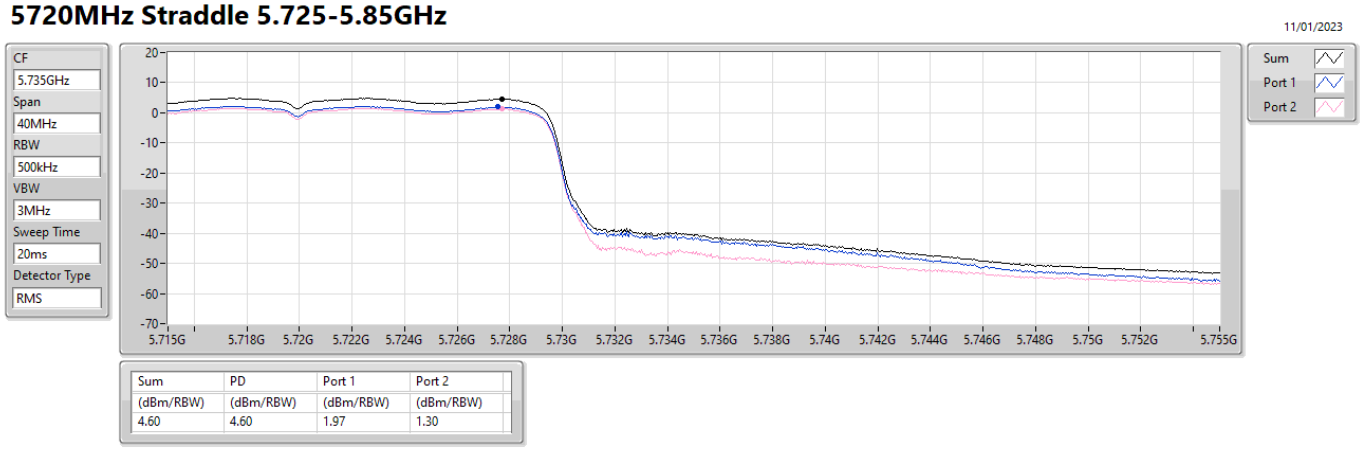
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.19	6.19	3.49	2.86

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

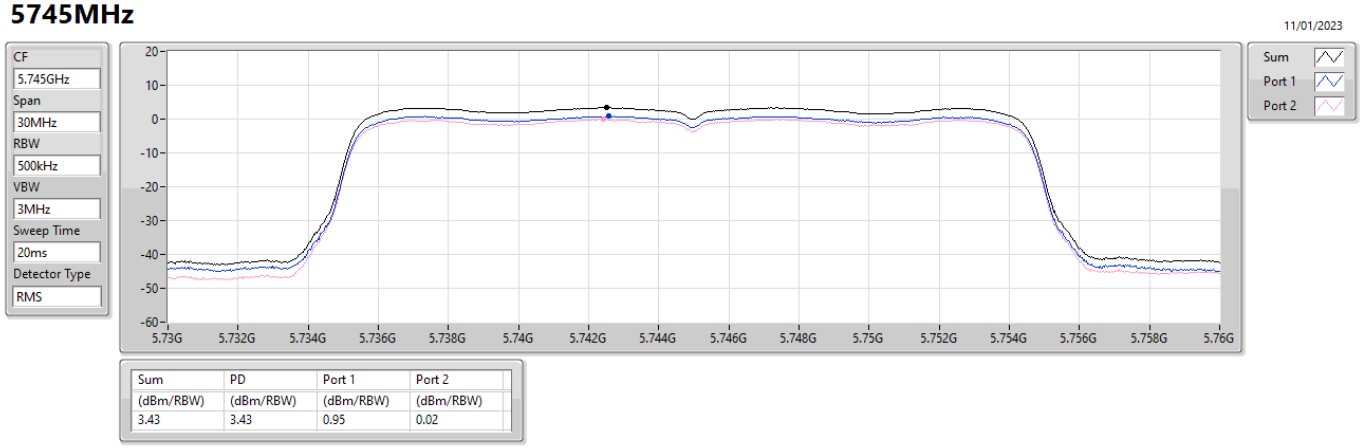
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.60	4.60	1.97	1.30

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

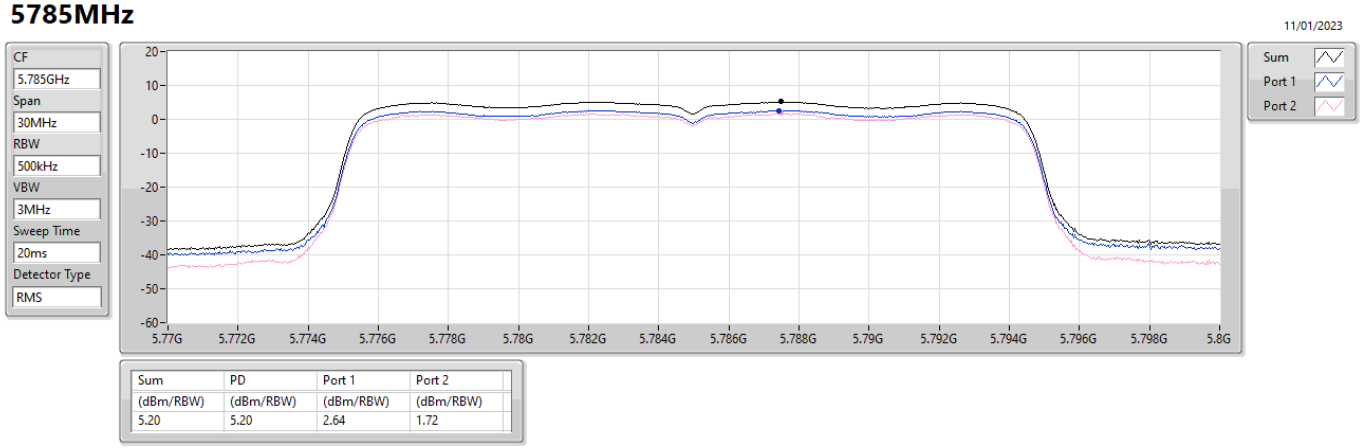
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.43	3.43	0.95	0.02

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

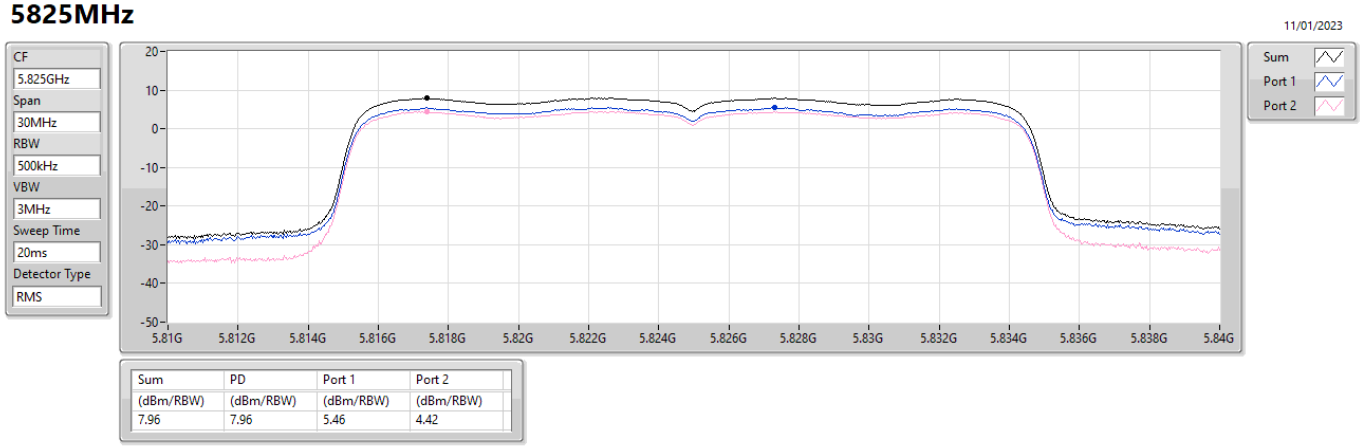
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.20	5.20	2.64	1.72

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

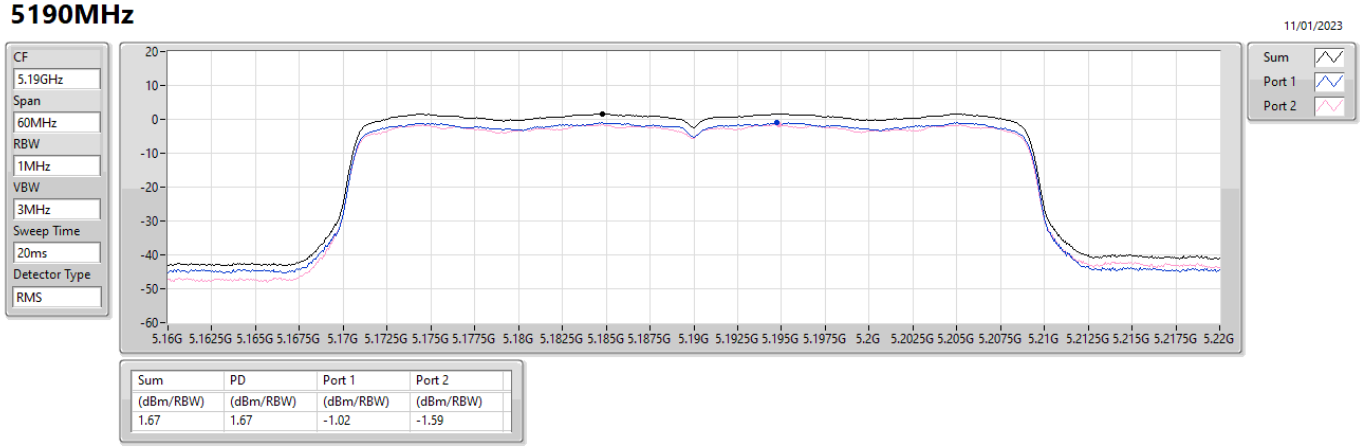
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.96	7.96	5.46	4.42

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

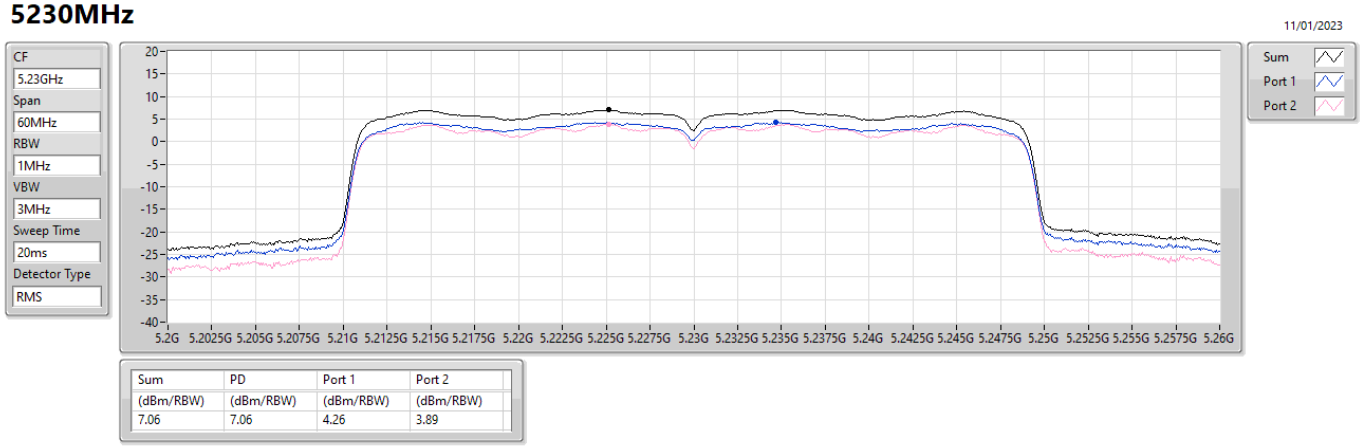
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.67	1.67	-1.02	-1.59

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

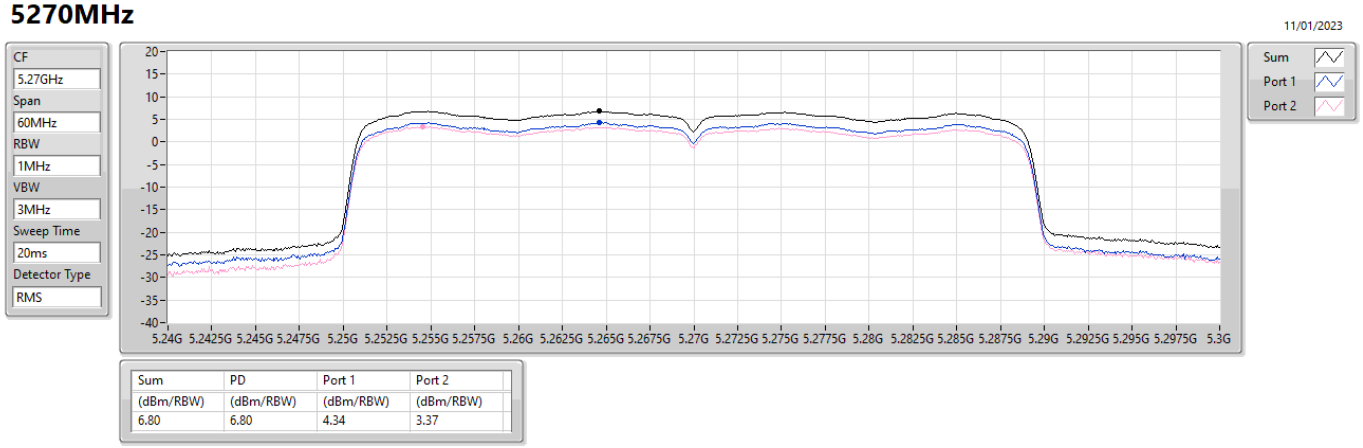
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.06	7.06	4.26	3.89

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

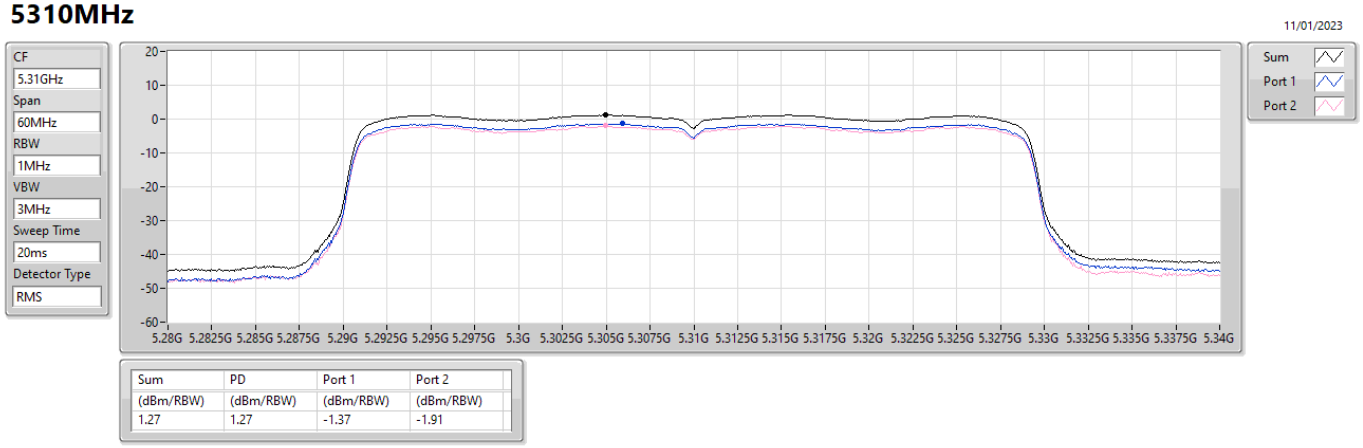
5270MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.80	6.80	4.34	3.37

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX **PSD**

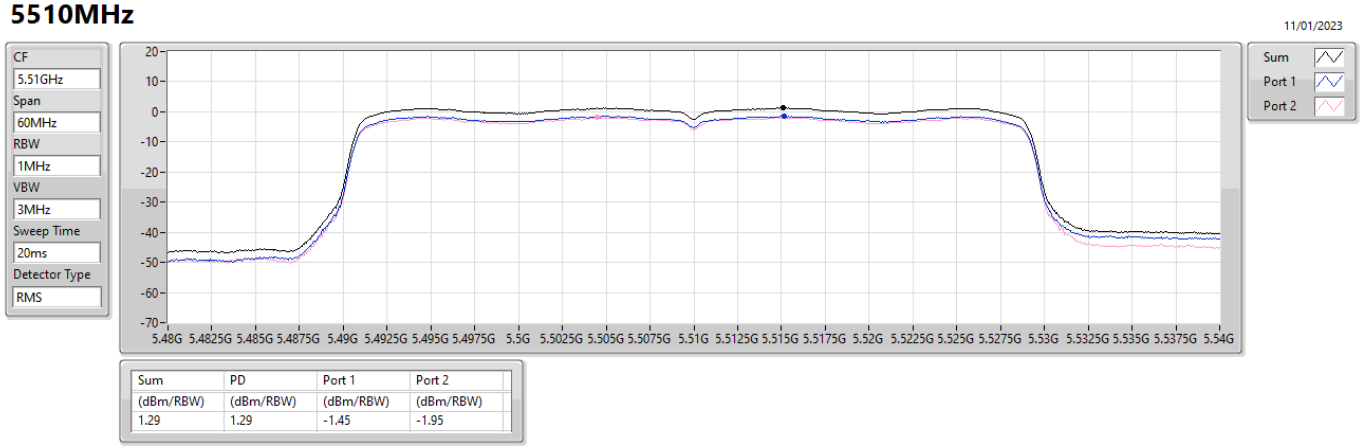
5310MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.27	1.27	-1.37	-1.91

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

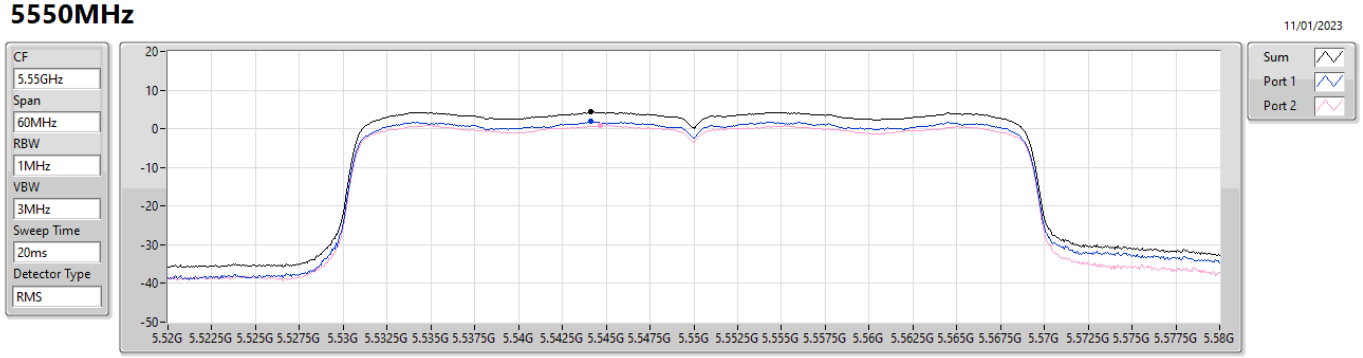
5510MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.29	1.29	-1.45	-1.95

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

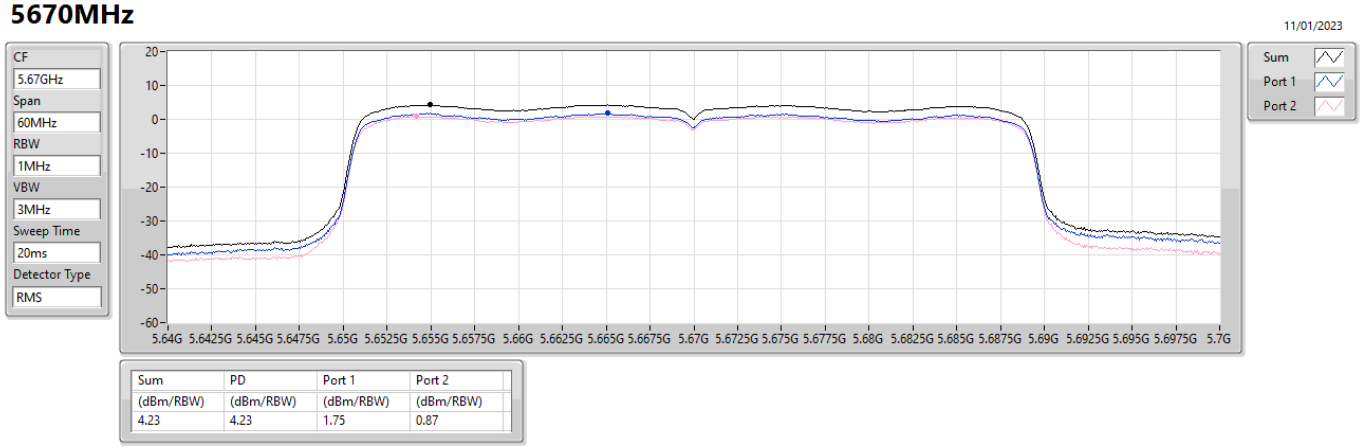
5550MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.36	4.36	1.98	0.89

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

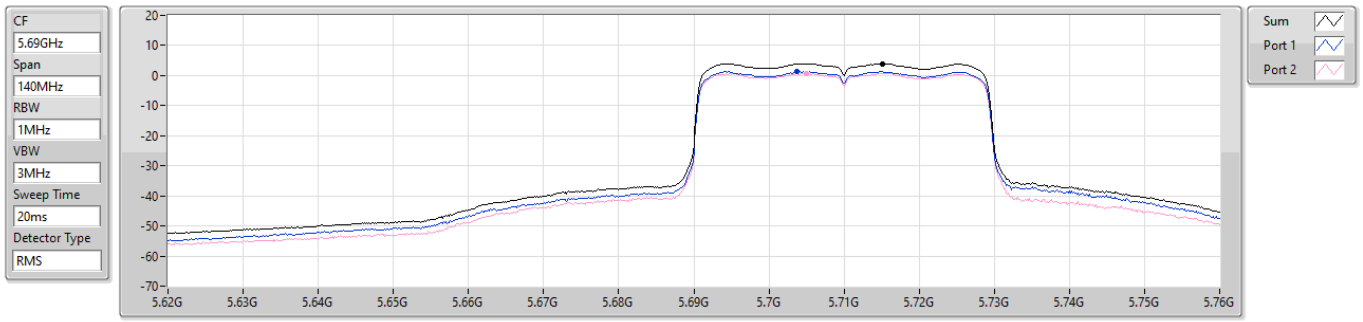
5670MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.23	4.23	1.75	0.87

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

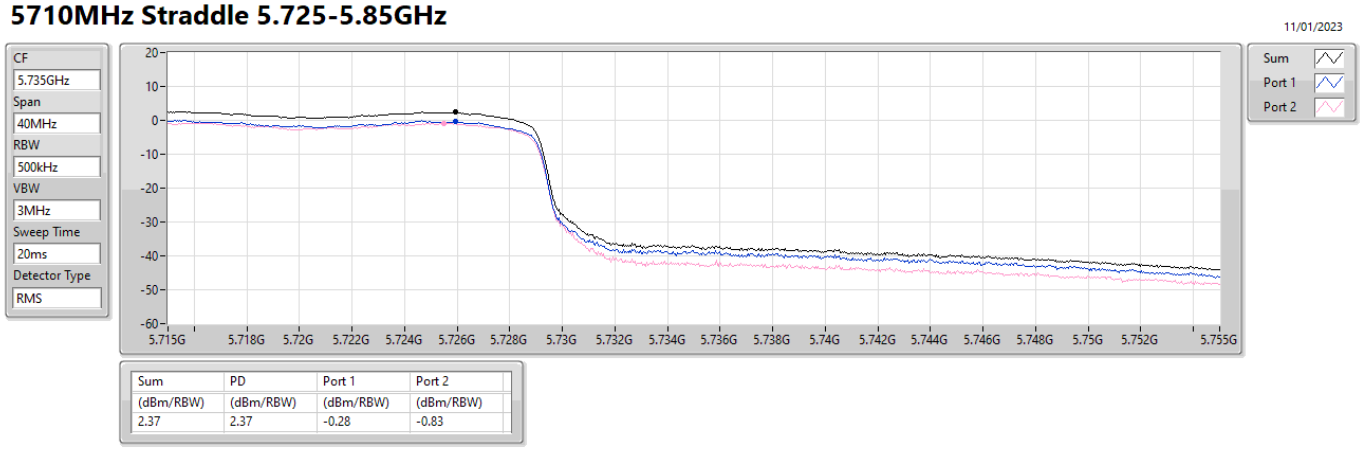
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.00	4.00	1.34	0.73

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

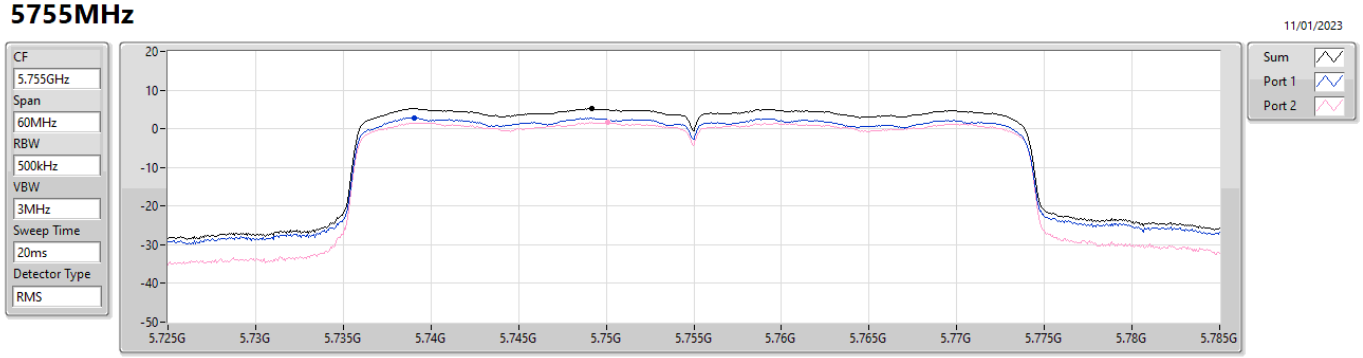
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.37	2.37	-0.28	-0.83

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

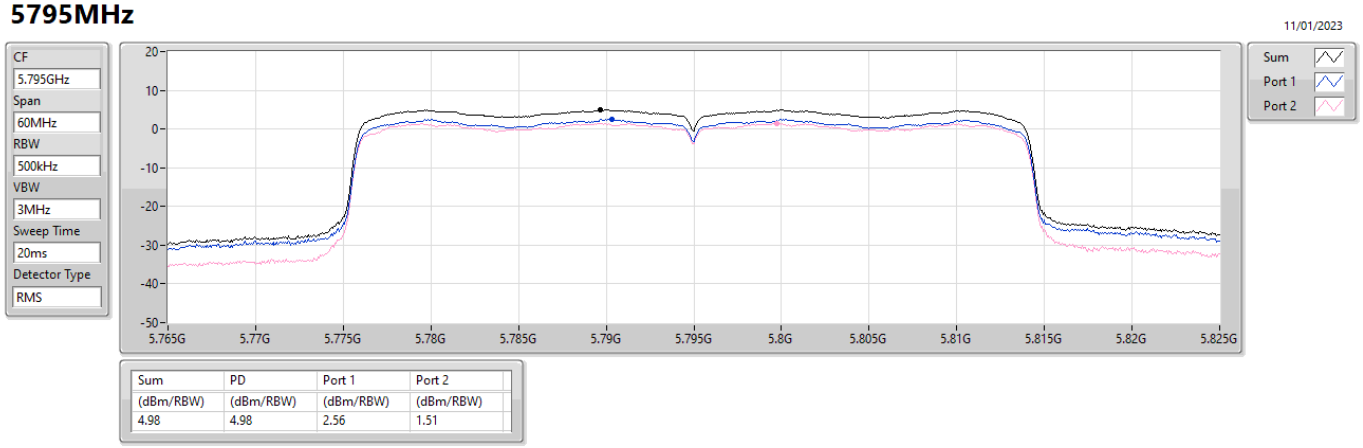
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.20	5.20	2.90	1.64

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

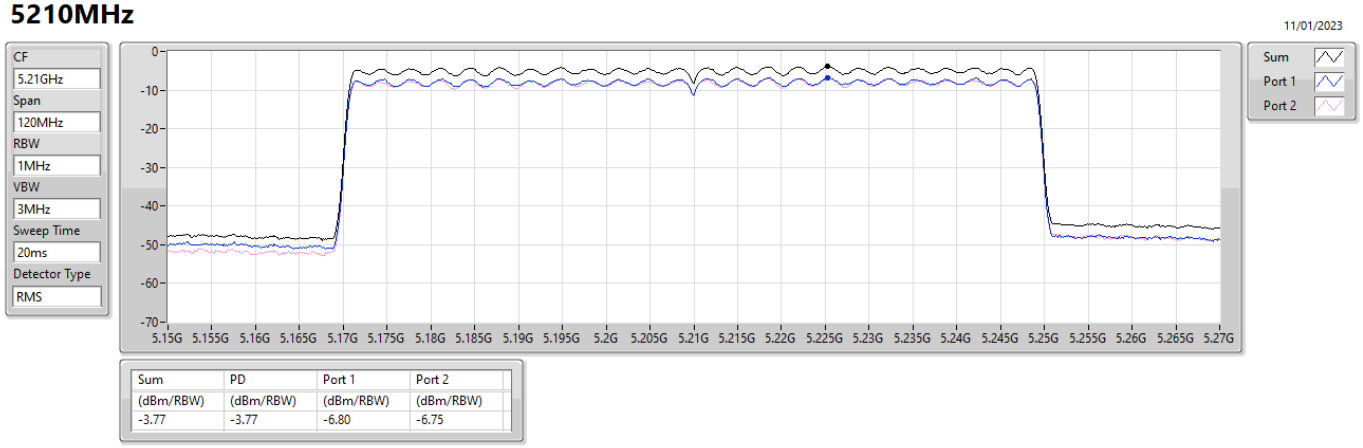
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.98	4.98	2.56	1.51

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

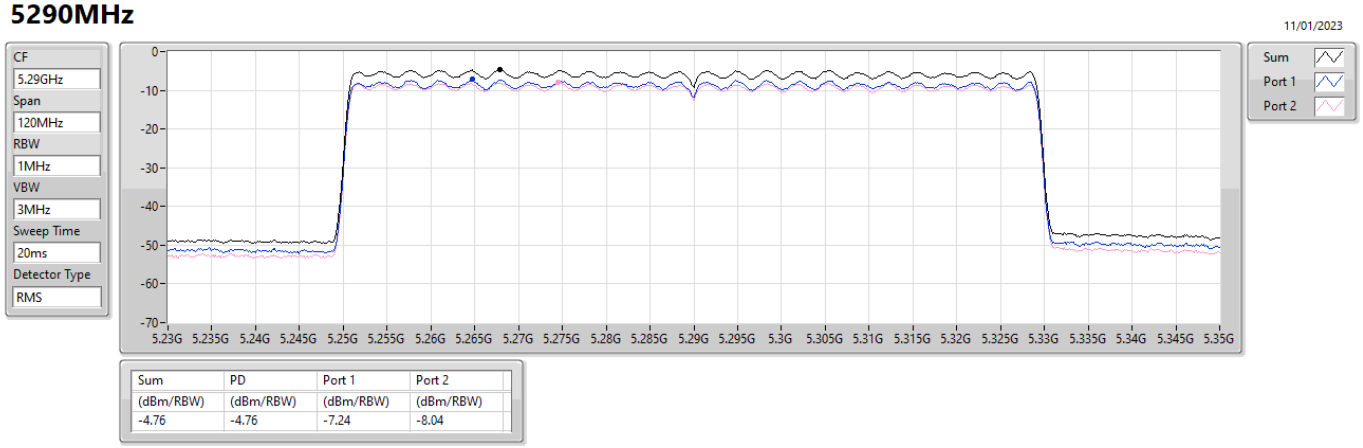
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.77	-3.77	-6.80	-6.75

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

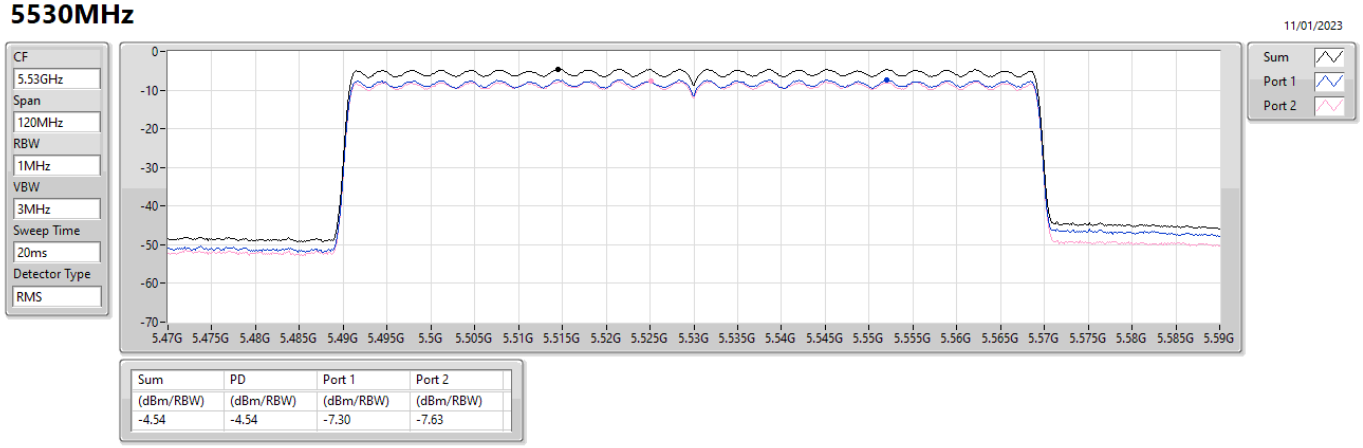
5290MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.76	-4.76	-7.24	-8.04

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

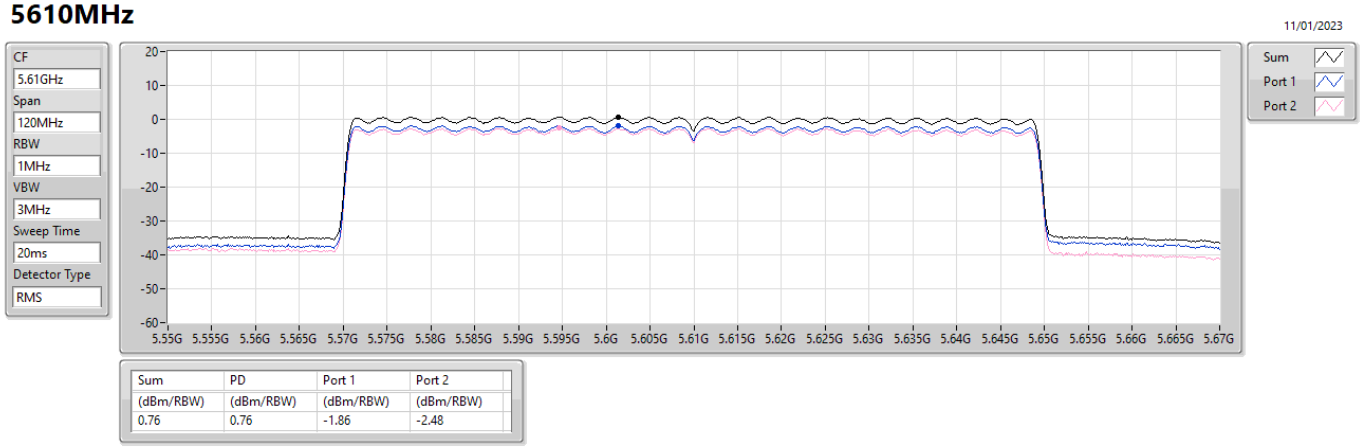
5530MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.54	-4.54	-7.30	-7.63

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

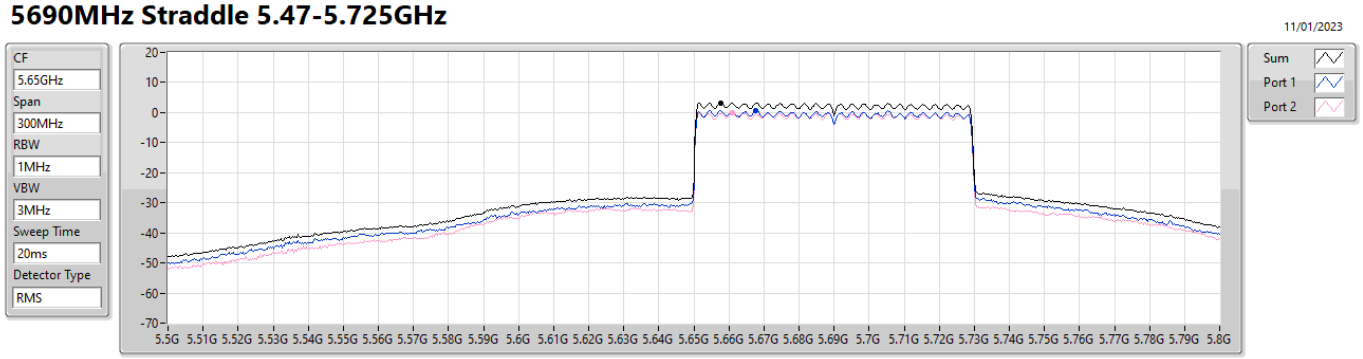
5610MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.76	0.76	-1.86	-2.48

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

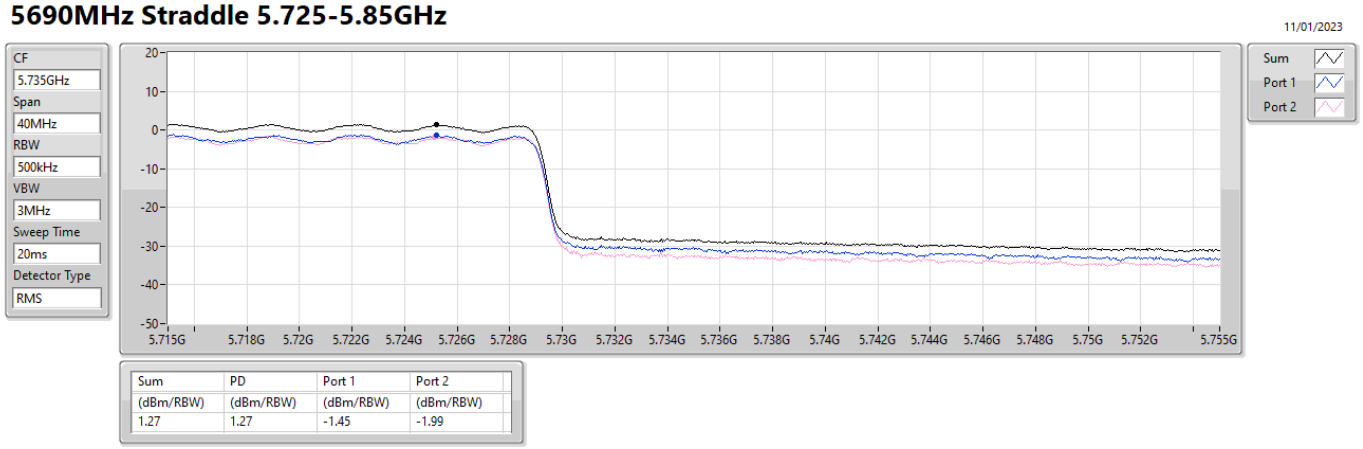
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.21	3.21	0.73	-0.05

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

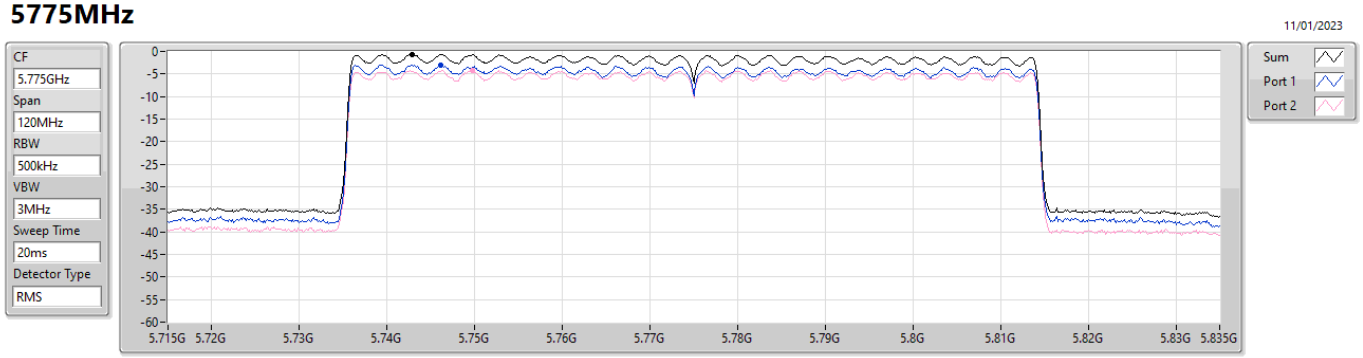
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.27	1.27	-1.45	-1.99

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

5775MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.67	-0.67	-3.02	-4.20

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
ax20,RU106_20MHz_Nss1,(MCS0)_2TX	2.71
ax20,RU26_20MHz_Nss1,(MCS0)_2TX	6.91
ax20,RU52_20MHz_Nss1,(MCS0)_2TX	5.66
ax40,RU242_40MHz_Nss1,(MCS0)_2TX	-0.64
ax80,RU484_80MHz_Nss1,(MCS0)_2TX	-4.13
5.25-5.35GHz	-
ax20,RU106_20MHz_Nss1,(MCS0)_2TX	2.81
ax20,RU26_20MHz_Nss1,(MCS0)_2TX	4.56
ax20,RU52_20MHz_Nss1,(MCS0)_2TX	4.64
ax40,RU242_40MHz_Nss1,(MCS0)_2TX	-0.37
ax80,RU484_80MHz_Nss1,(MCS0)_2TX	-5.05
5.47-5.725GHz	-
ax20,RU106_20MHz_Nss1,(MCS0)_2TX	2.67
ax20,RU26_20MHz_Nss1,(MCS0)_2TX	4.01
ax20,RU52_20MHz_Nss1,(MCS0)_2TX	4.12
ax40,RU242_40MHz_Nss1,(MCS0)_2TX	-0.65
ax80,RU484_80MHz_Nss1,(MCS0)_2TX	-2.82
5.725-5.85GHz	-
ax20,RU106_20MHz_Nss1,(MCS0)_2TX	2.11
ax20,RU26_20MHz_Nss1,(MCS0)_2TX	7.04
ax20,RU52_20MHz_Nss1,(MCS0)_2TX	5.10
ax40,RU242_40MHz_Nss1,(MCS0)_2TX	-1.33
ax80,RU484(65)_80MHz_Nss1,(MCS0)_2TX	-4.26

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

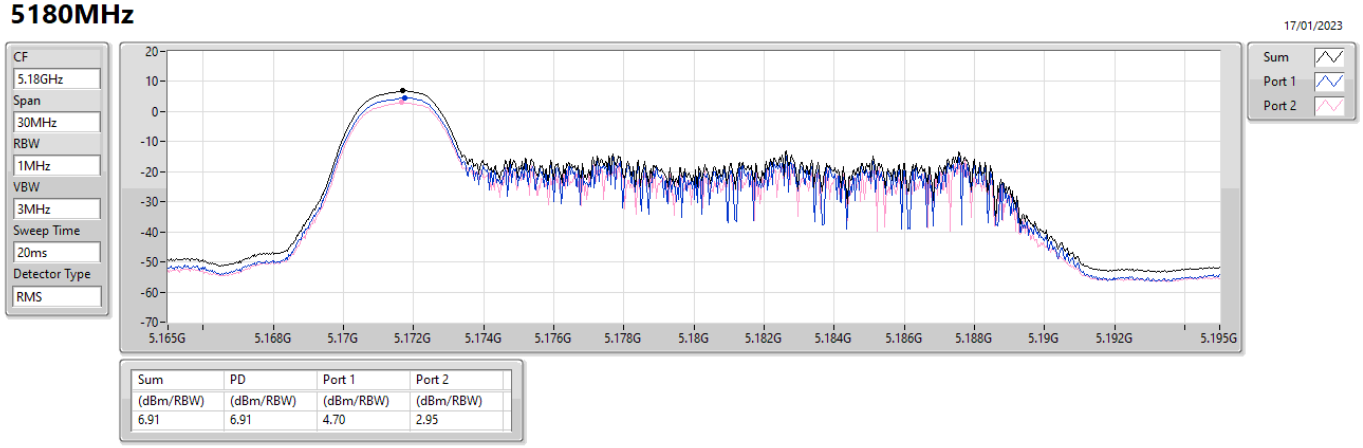
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
ax20,RU26_20MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.17	4.70	2.95	6.91	8.83
5320MHz	Pass	8.17	1.92	1.19	4.56	8.83
5500MHz	Pass	8.17	1.12	1.01	4.01	8.83
5720MHz Straddle 5.47-5.725GHz	Pass	8.17	-19.85	-17.58	-17.39	8.83
5720MHz Straddle 5.725-5.85GHz	Pass	8.17	-0.26	1.23	3.53	27.83
5745MHz	Pass	8.17	0.37	0.42	3.36	27.83
5825MHz	Pass	8.17	3.54	4.48	7.04	27.83
ax20,RU52_20MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.17	3.35	1.96	5.66	8.83
5320MHz	Pass	8.17	2.13	1.46	4.64	8.83
5500MHz	Pass	8.17	1.34	1.47	4.12	8.83
5720MHz Straddle 5.47-5.725GHz	Pass	8.17	-9.79	-8.65	-6.17	8.83
5720MHz Straddle 5.725-5.85GHz	Pass	8.17	0.90	2.15	4.37	27.83
5745MHz	Pass	8.17	-0.43	0.36	2.92	27.83
5825MHz	Pass	8.17	1.29	2.93	5.10	27.83
ax20,RU106_20MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.17	0.28	-0.61	2.71	8.83
5320MHz	Pass	8.17	0.20	-0.51	2.81	8.83
5500MHz	Pass	8.17	-0.18	-0.68	2.53	8.83
5720MHz Straddle 5.47-5.725GHz	Pass	8.17	-0.89	0.21	2.67	8.83
5720MHz Straddle 5.725-5.85GHz	Pass	8.17	-2.41	-1.27	1.10	27.83
5745MHz	Pass	8.17	-1.44	-0.59	1.80	27.83
5825MHz	Pass	8.17	-1.58	-0.18	2.11	27.83
ax40,RU242_40MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	8.17	-3.11	-4.15	-0.64	8.83
5310MHz	Pass	8.17	-3.01	-3.58	-0.37	8.83
5510MHz	Pass	8.17	-3.38	-3.82	-0.65	8.83
5710MHz Straddle 5.47-5.725GHz	Pass	8.17	-4.60	-3.05	-0.78	8.83
5710MHz Straddle 5.725-5.85GHz	Pass	8.17	-5.91	-4.58	-2.31	27.83
5755MHz	Pass	8.17	-4.67	-3.78	-1.33	27.83
5795MHz	Pass	8.17	-5.90	-3.90	-1.86	27.83
ax80,RU484_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	8.17	-6.49	-7.37	-4.13	8.83
5290MHz	Pass	8.17	-7.53	-8.31	-5.05	8.83
5530MHz	Pass	8.17	-8.39	-8.55	-5.51	8.83
5610MHz	Pass	8.17	-6.22	-5.48	-2.82	8.83
5690MHz Straddle 5.47-5.725GHz	Pass	8.17	-7.32	-5.17	-3.54	8.83
5690MHz Straddle 5.725-5.85GHz	Pass	8.17	-8.85	-7.37	-5.33	27.83
ax80,RU484(65)_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5775MHz	Pass	8.17	-7.43	-6.39	-4.26	27.83
ax80,RU484(66)_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5775MHz	Pass	8.17	-8.23	-6.33	-4.29	27.83

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

5.15-5.25GHz_ax20,RU26_20MHz_Nss1,(MCS0)_2TX **PSD**

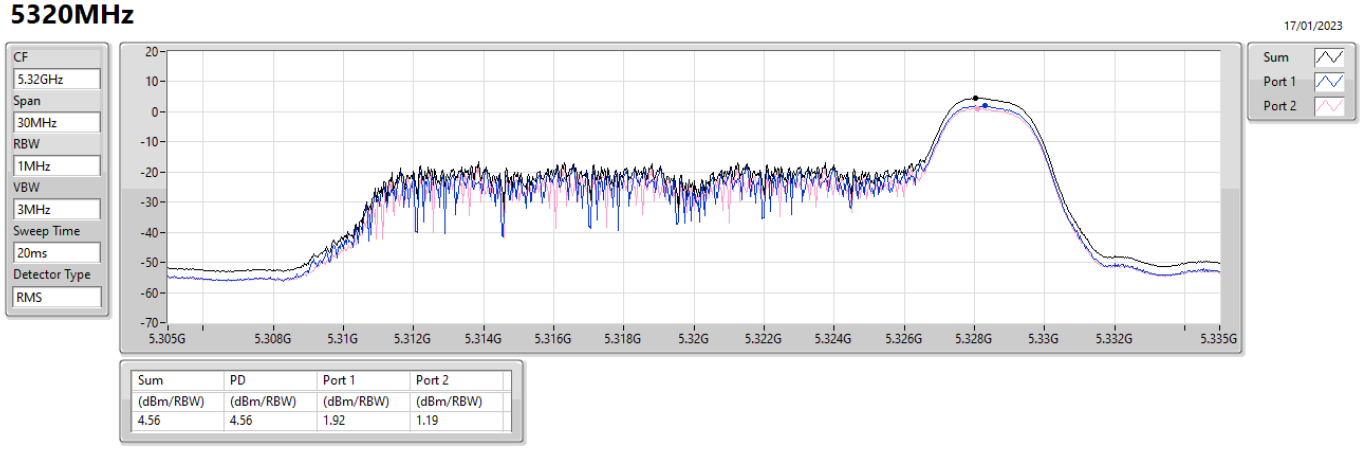
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.91	6.91	4.70	2.95

5.25-5.35GHz_ax20,RU26_20MHz_Nss1,(MCS0)_2TX **PSD**

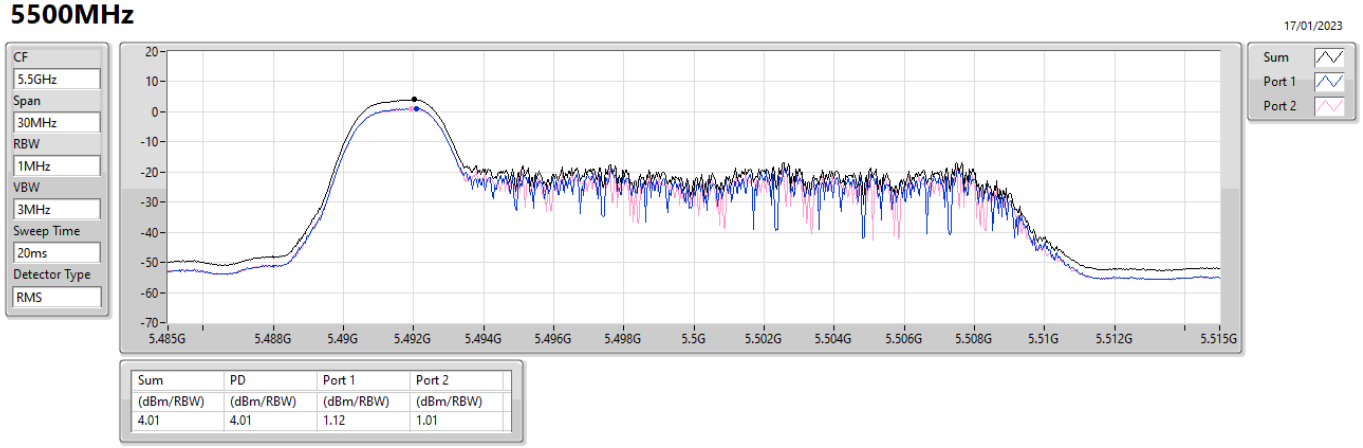
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.56	4.56	1.92	1.19

5.47-5.725GHz_ax20,RU26_20MHz_Nss1,(MCS0)_2TX **PSD**

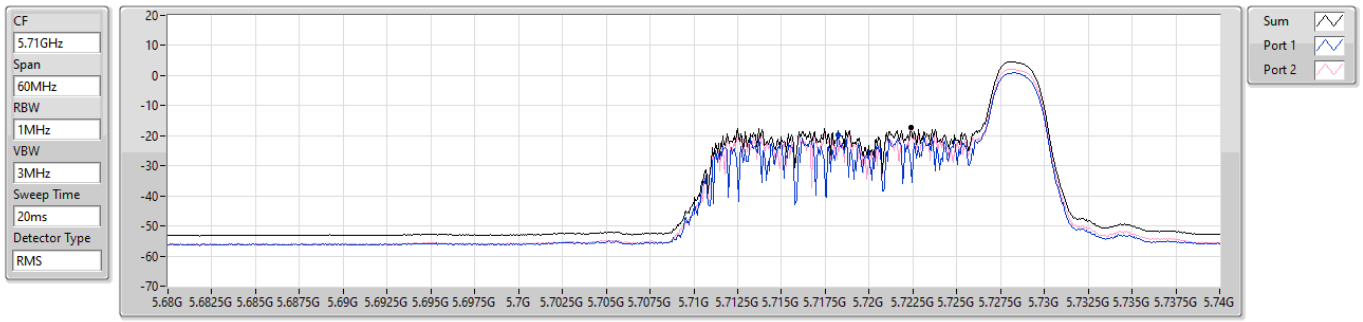
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.01	4.01	1.12	1.01

5.47-5.725GHz_ax20,RU26_20MHz_Nss1,(MCS0)_2TX **PSD**

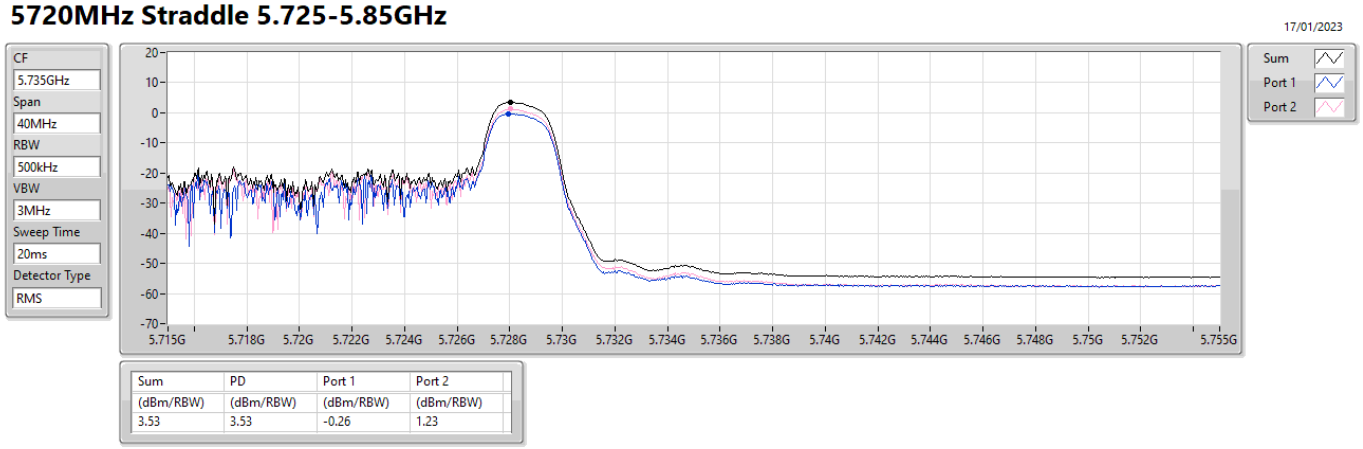
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-17.39	-17.39	-19.85	-17.58

5.725-5.85GHz_ax20,RU26_20MHz_Nss1,(MCS0)_2TX **PSD**

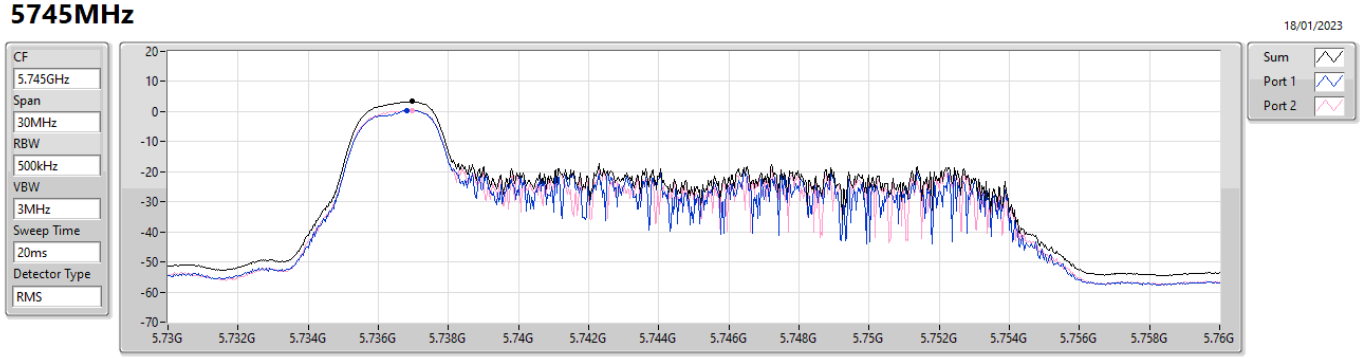
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.53	3.53	-0.26	1.23

5.725-5.85GHz_ax20,RU26_20MHz_Nss1,(MCS0)_2TX **PSD**

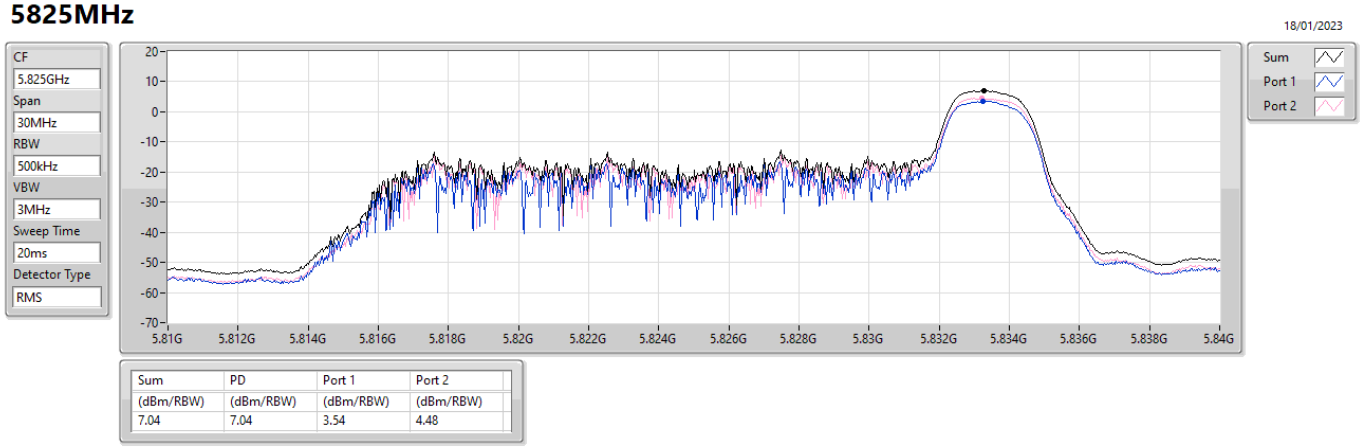
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.36	3.36	0.37	0.42

5.725-5.85GHz_ax20,RU26_20MHz_Nss1,(MCS0)_2TX **PSD**

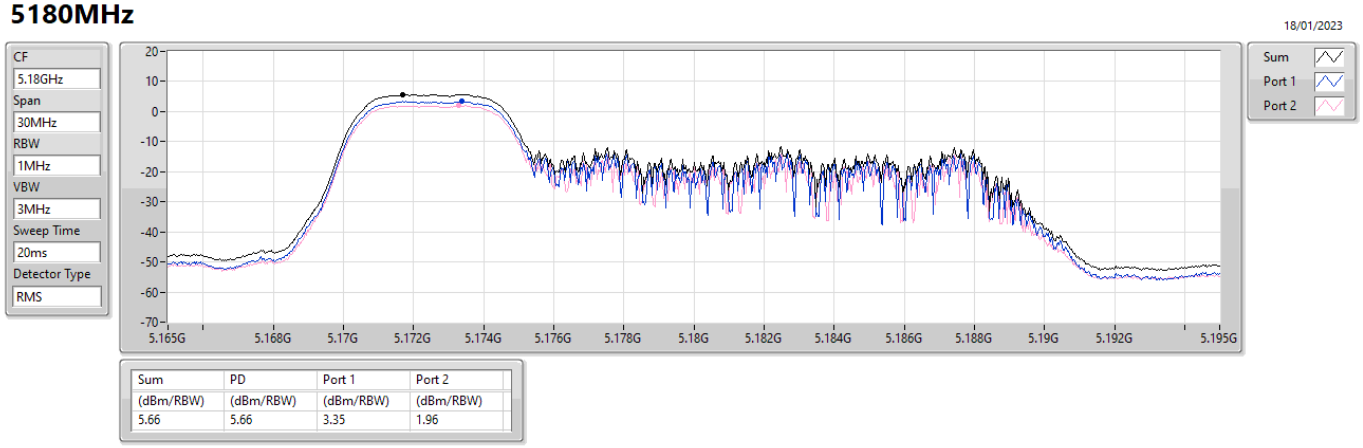
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.04	7.04	3.54	4.48

5.15-5.25GHz_ax20,RU52_20MHz_Nss1,(MCS0)_2TX **PSD**

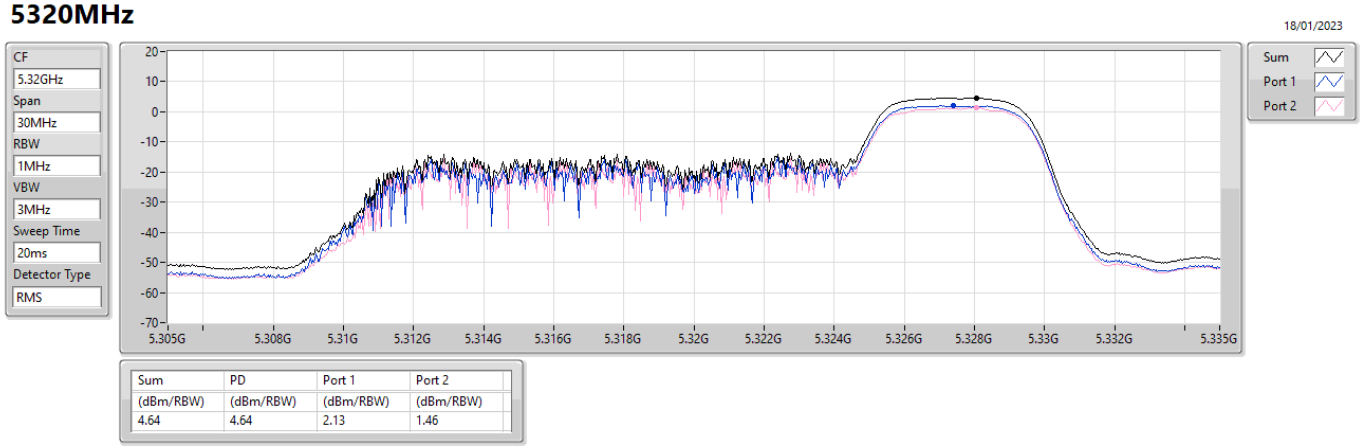
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.66	5.66	3.35	1.96

5.25-5.35GHz_ax20,RU52_20MHz_Nss1,(MCS0)_2TX **PSD**

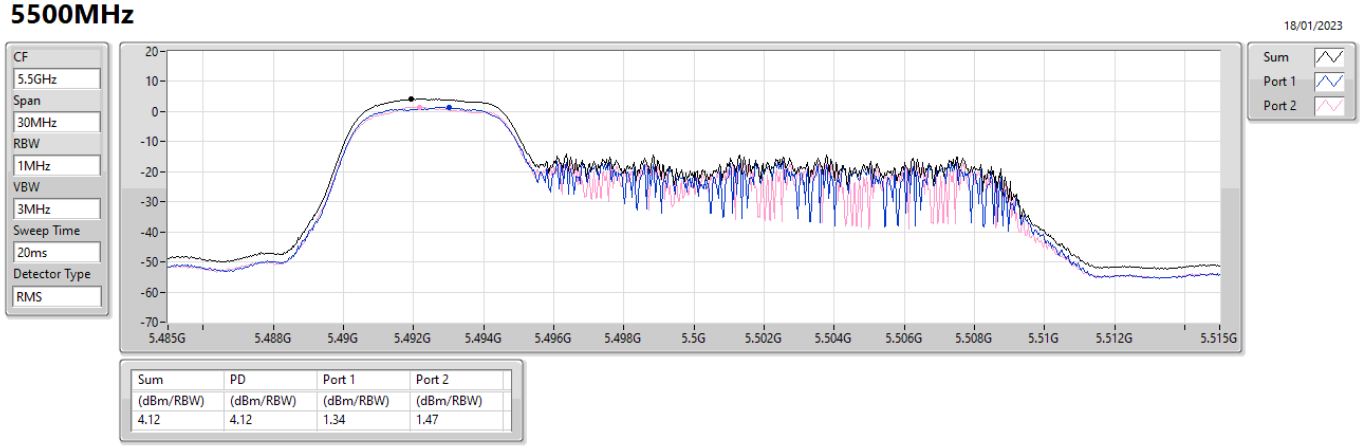
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.64	4.64	2.13	1.46

5.47-5.725GHz_ax20,RU52_20MHz_Nss1,(MCS0)_2TX **PSD**

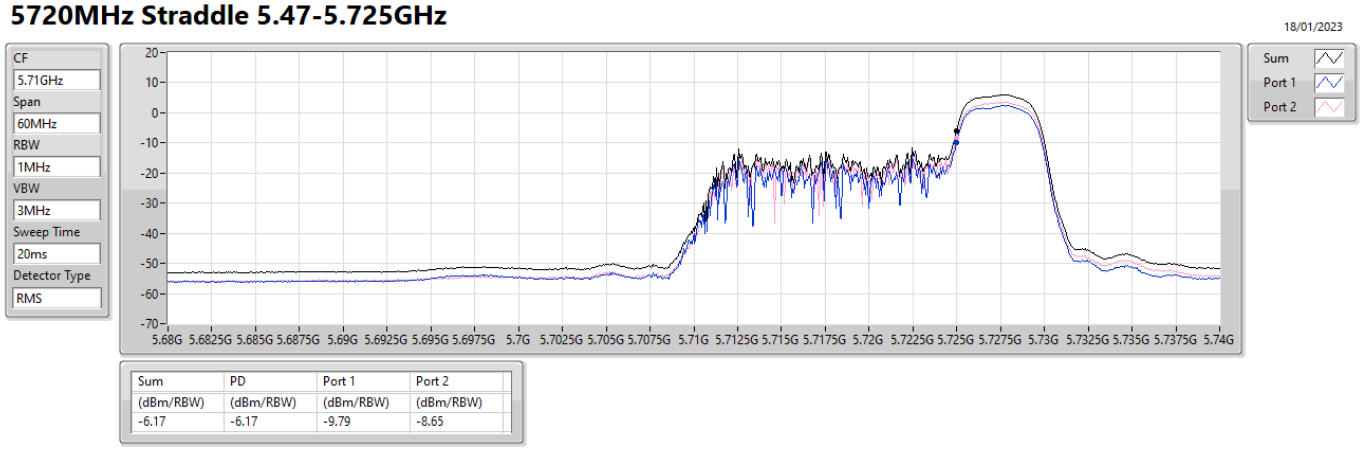
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.12	4.12	1.34	1.47

5.47-5.725GHz_ax20,RU52_20MHz_Nss1,(MCS0)_2TX **PSD**

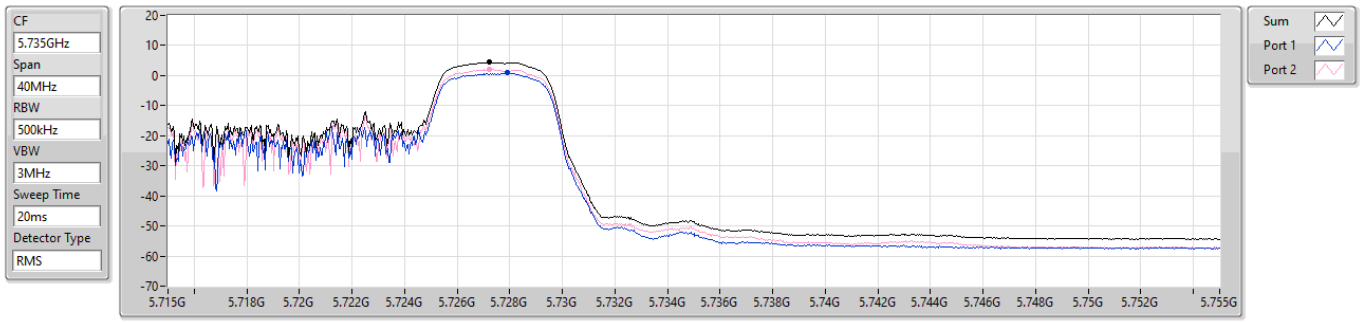
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.17	-6.17	-9.79	-8.65

5.725-5.85GHz_ax20,RU52_20MHz_Nss1,(MCS0)_2TX **PSD**

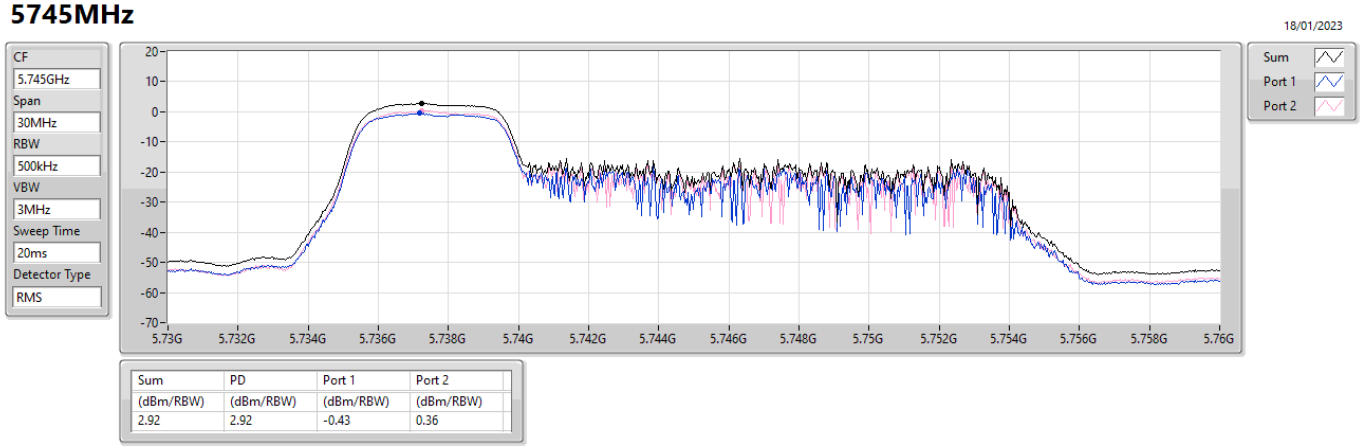
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.37	4.37	0.90	2.15

5.725-5.85GHz_ax20,RU52_20MHz_Nss1,(MCS0)_2TX **PSD**

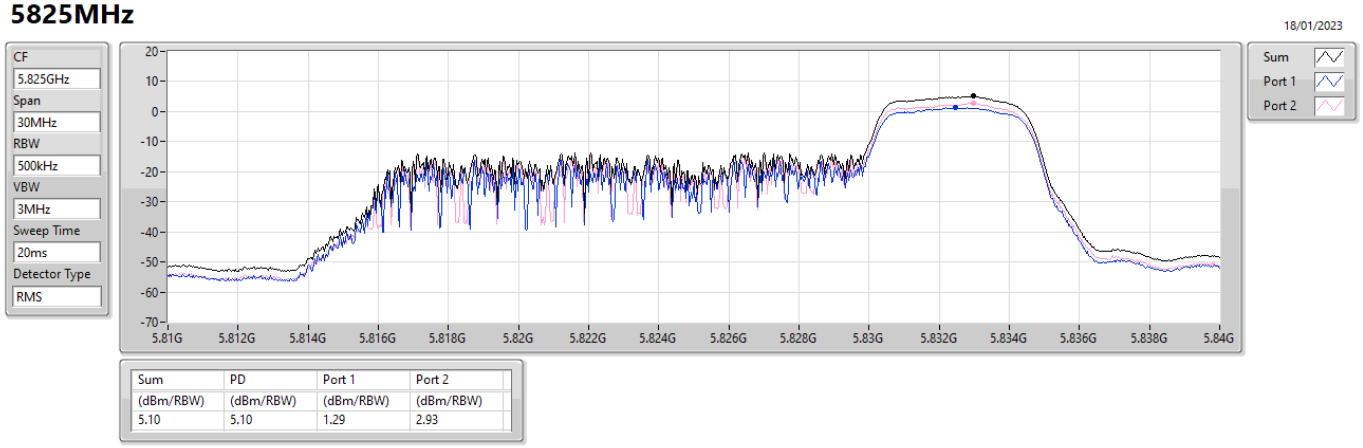
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.92	2.92	-0.43	0.36

5.725-5.85GHz_ax20,RU52_20MHz_Nss1,(MCS0)_2TX **PSD**

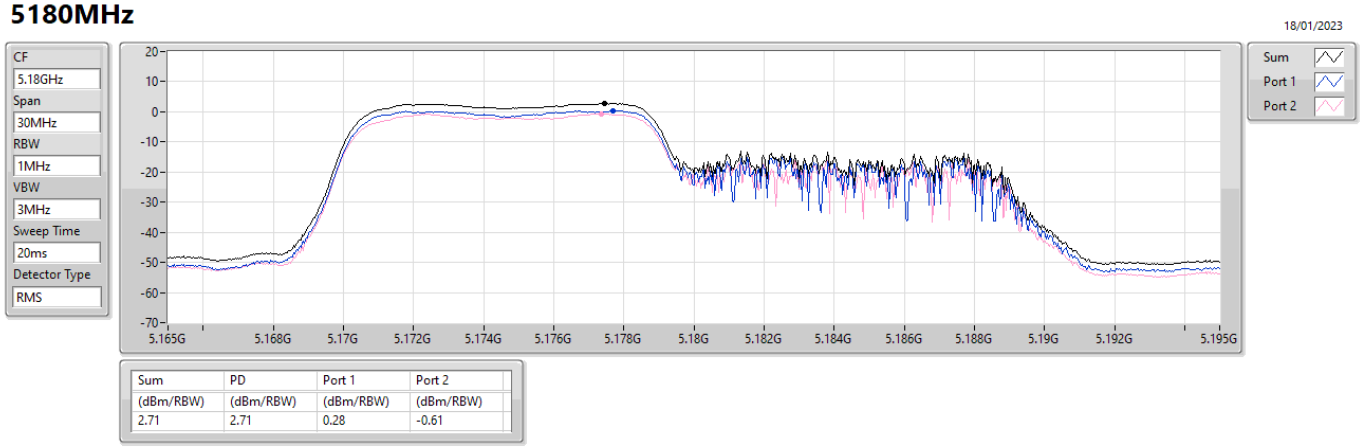
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.10	5.10	1.29	2.93

5.15-5.25GHz_ax20,RU106_20MHz_Nss1,(MCS0)_2TX **PSD**

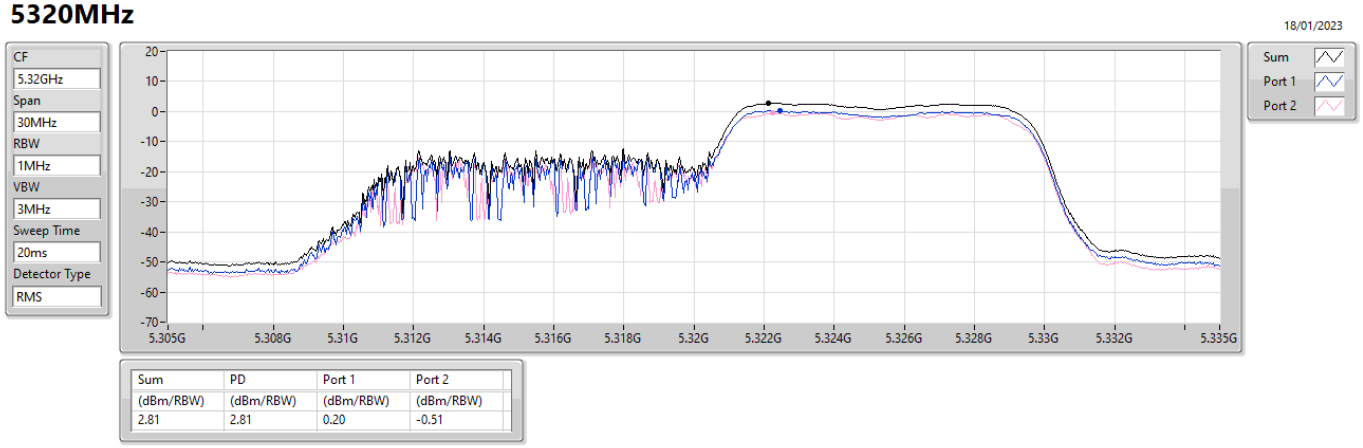
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.71	2.71	0.28	-0.61

5.25-5.35GHz_ax20,RU106_20MHz_Nss1,(MCS0)_2TX **PSD**

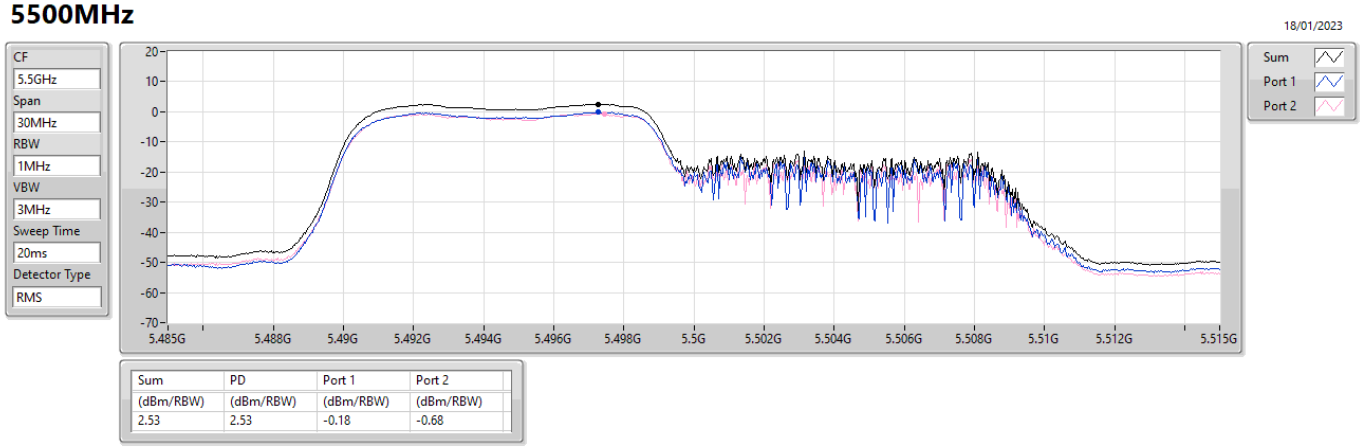
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.81	2.81	0.20	-0.51

5.47-5.725GHz_ax20,RU106_20MHz_Nss1,(MCS0)_2TX **PSD**

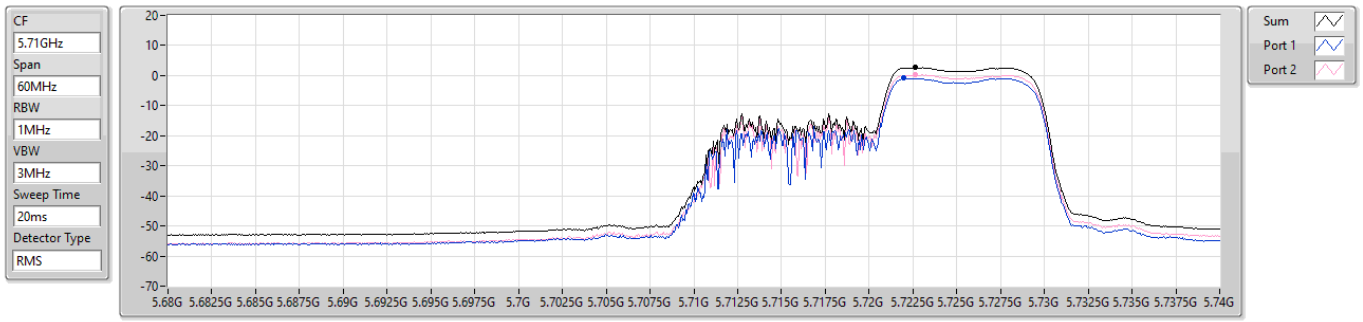
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.53	2.53	-0.18	-0.68

5.47-5.725GHz_ax20,RU106_20MHz_Nss1,(MCS0)_2TX **PSD**

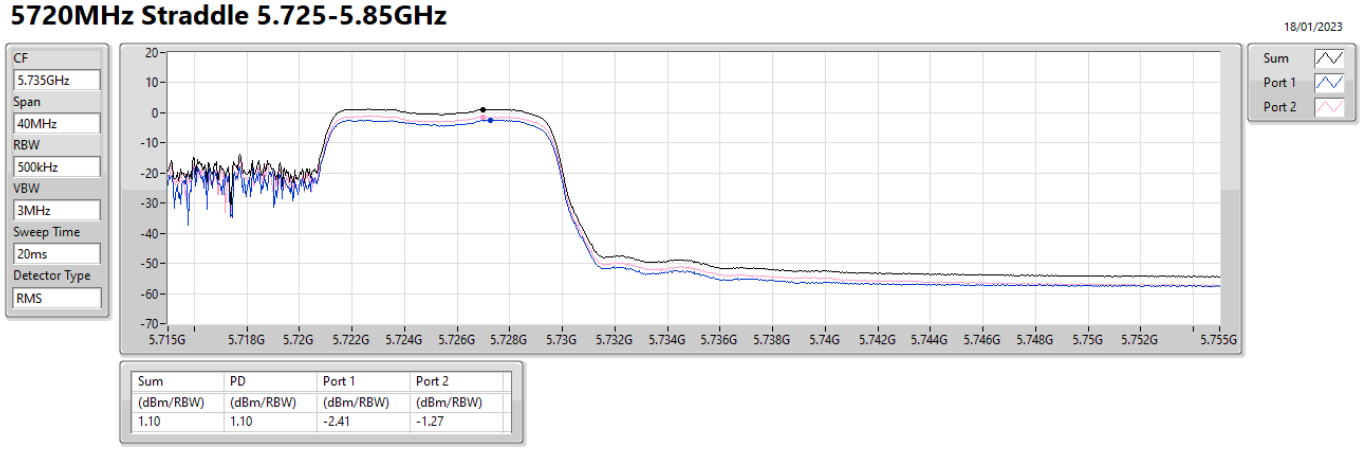
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.67	2.67	-0.89	0.21

5.725-5.85GHz_ax20,RU106_20MHz_Nss1,(MCS0)_2TX **PSD**

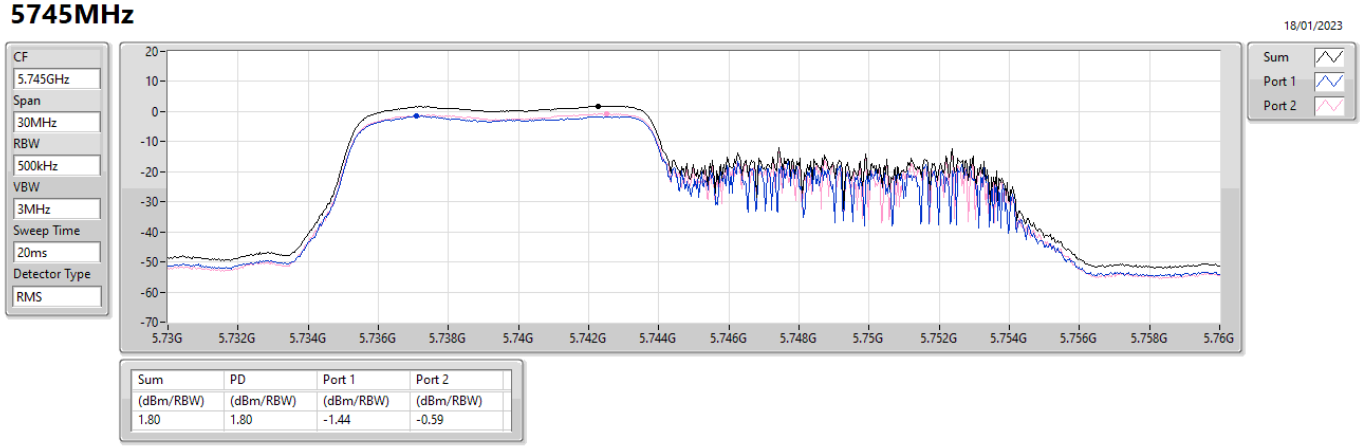
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.10	1.10	-2.41	-1.27

5.725-5.85GHz_ax20,RU106_20MHz_Nss1,(MCS0)_2TX **PSD**

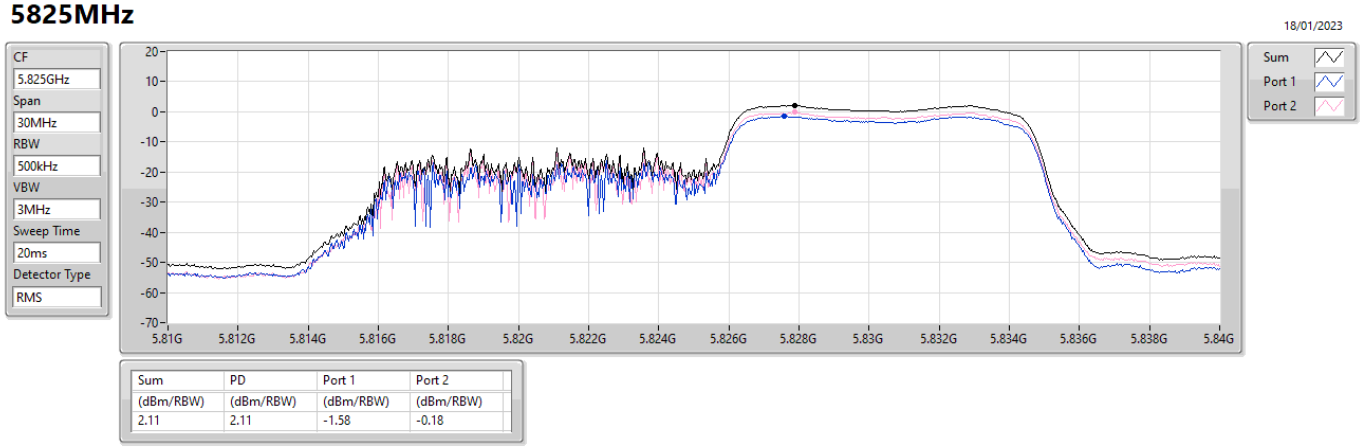
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.80	1.80	-1.44	-0.59

5.725-5.85GHz_ax20,RU106_20MHz_Nss1,(MCS0)_2TX **PSD**

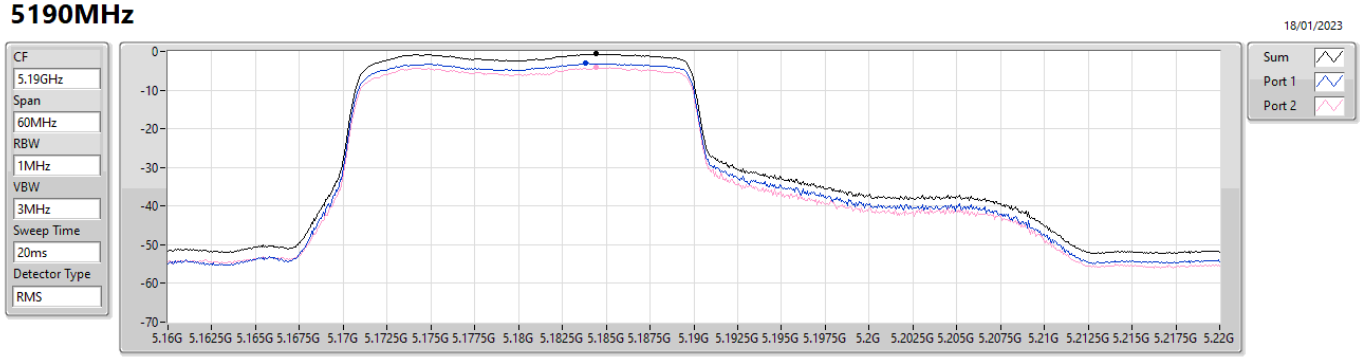
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.11	2.11	-1.58	-0.18

5.15-5.25GHz_ax40,RU242_40MHz_Nss1,(MCS0)_2TX **PSD**

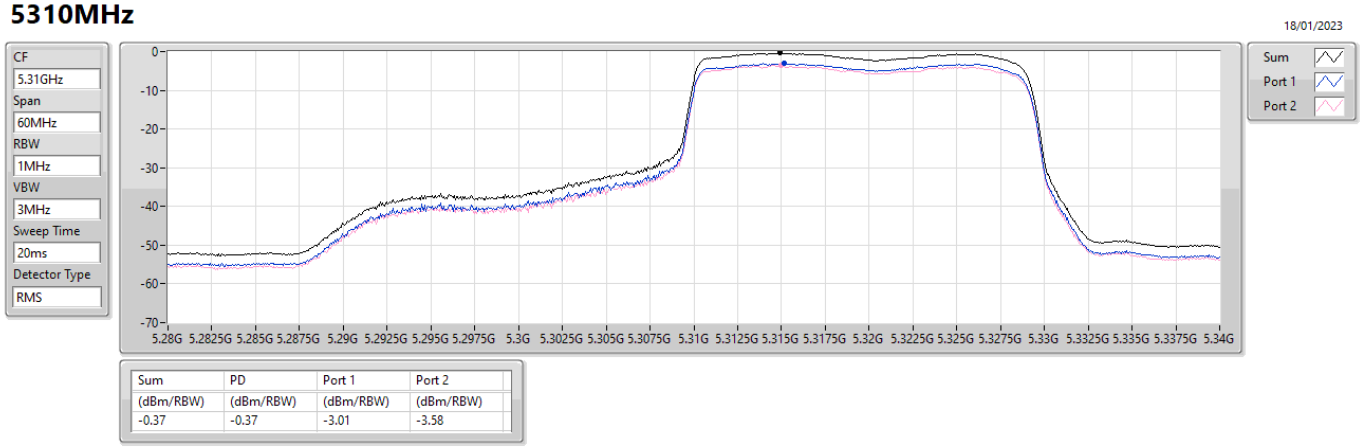
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.64	-0.64	-3.11	-4.15

5.25-5.35GHz_ax40,RU242_40MHz_Nss1,(MCS0)_2TX **PSD**

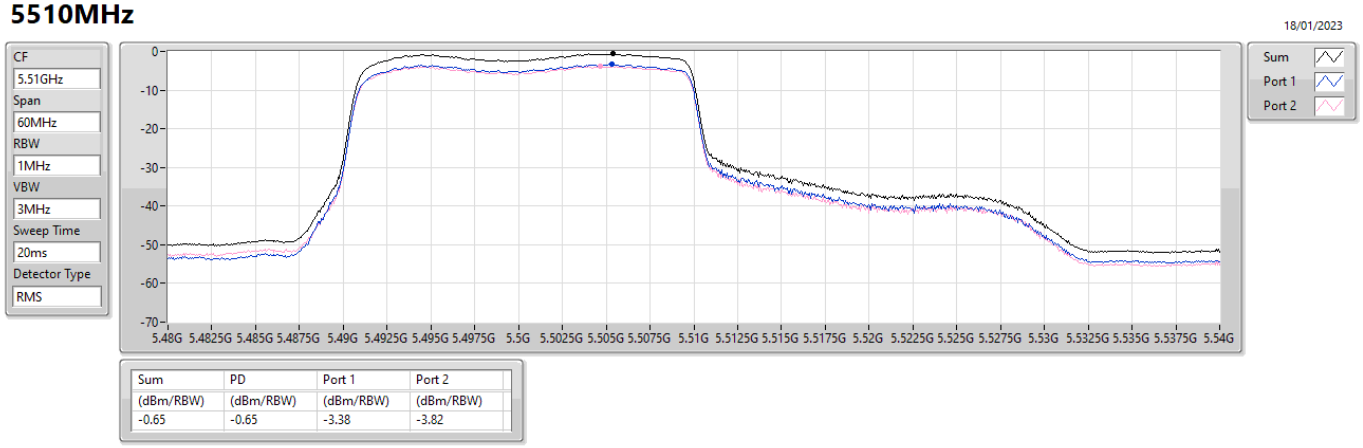
5310MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.37	-0.37	-3.01	-3.58

5.47-5.725GHz_ax40,RU242_40MHz_Nss1,(MCS0)_2TX **PSD**

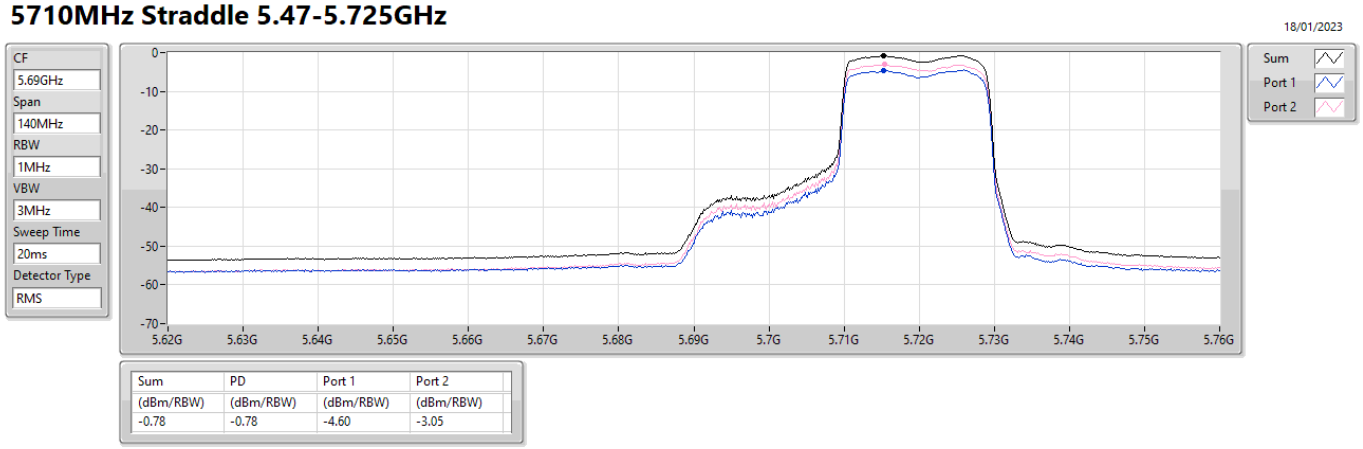
5510MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.65	-0.65	-3.38	-3.82

5.47-5.725GHz_ax40,RU242_40MHz_Nss1,(MCS0)_2TX **PSD**

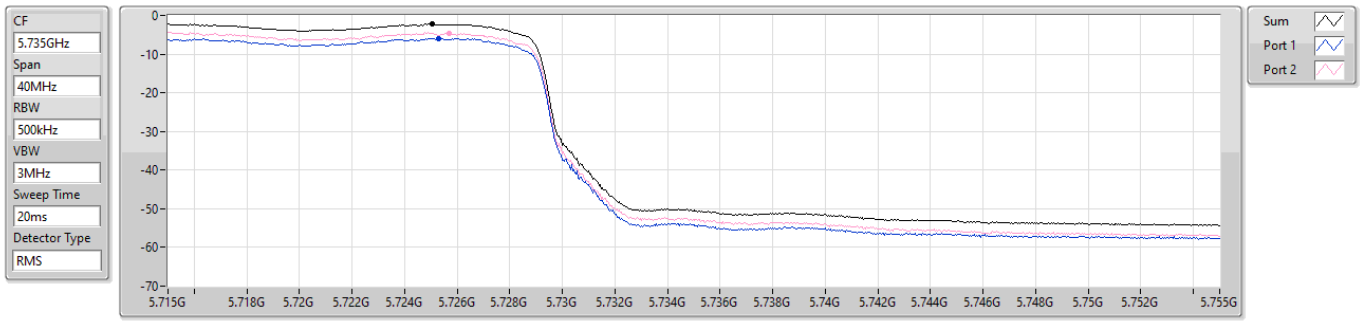
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.78	-0.78	-4.60	-3.05

5.725-5.85GHz_ax40,RU242_40MHz_Nss1,(MCS0)_2TX **PSD**

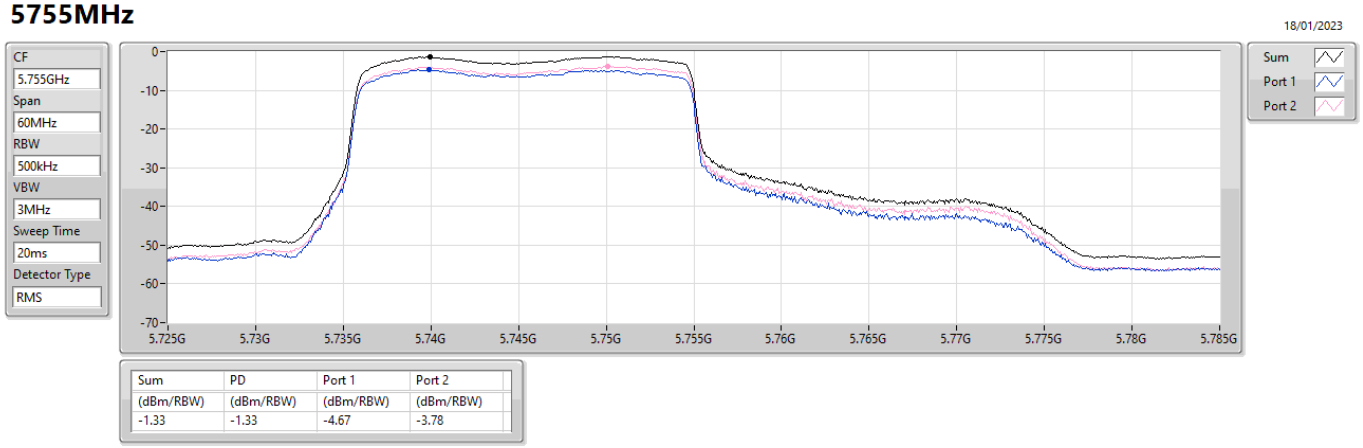
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.31	-2.31	-5.91	-4.58

5.725-5.85GHz_ax40,RU242_40MHz_Nss1,(MCS0)_2TX **PSD**

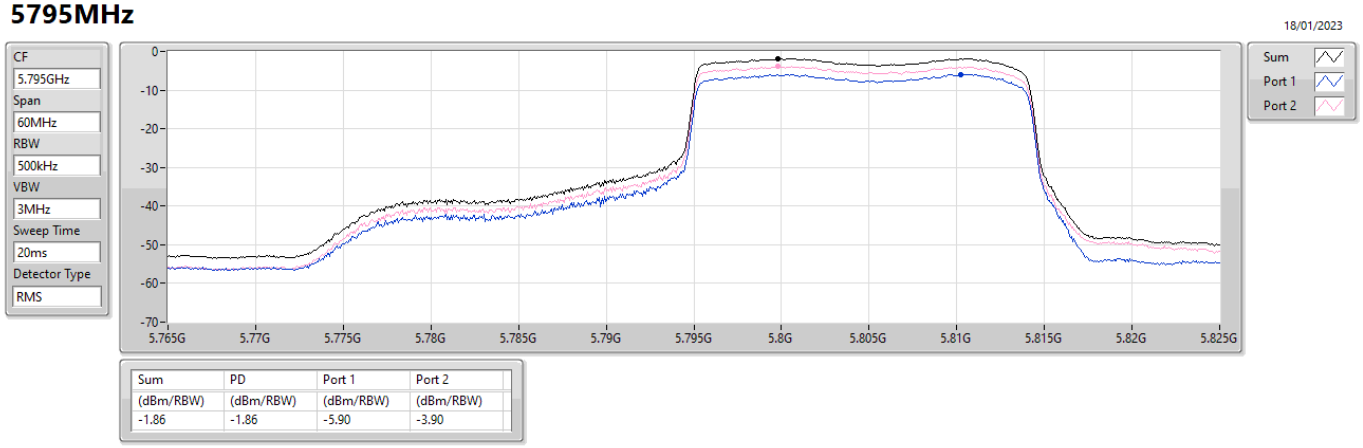
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.33	-1.33	-4.67	-3.78

5.725-5.85GHz_ax40,RU242_40MHz_Nss1,(MCS0)_2TX **PSD**

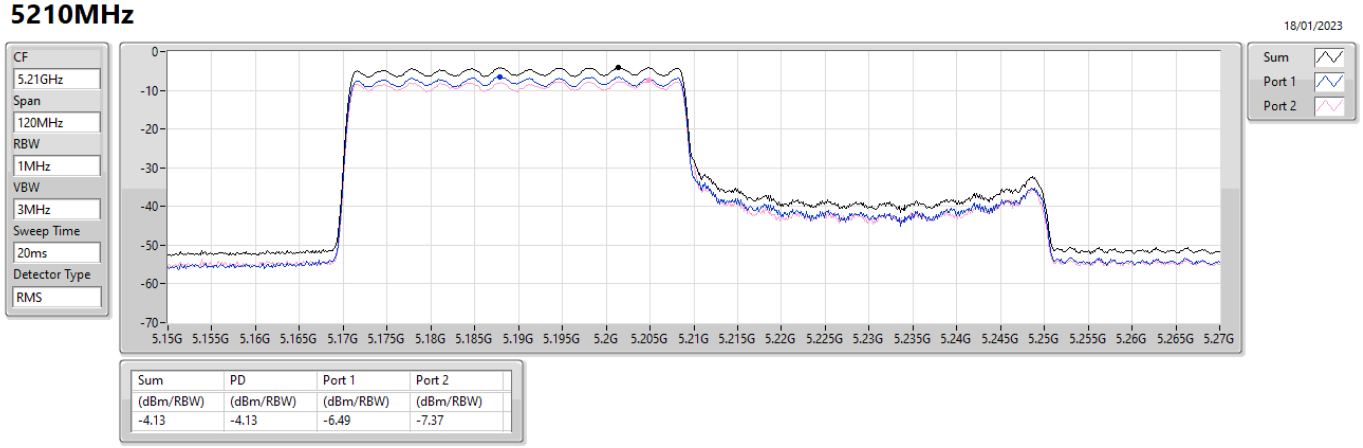
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.86	-1.86	-5.90	-3.90

5.15-5.25GHz_ax80,RU484_80MHz_Nss1,(MCS0)_2TX **PSD**

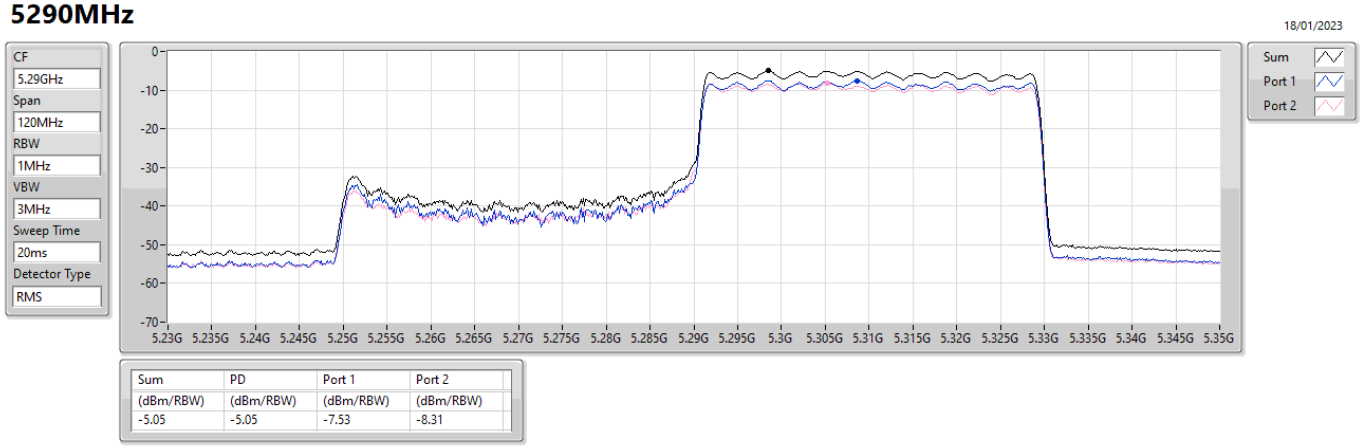
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.13	-4.13	-6.49	-7.37

5.25-5.35GHz_ax80,RU484_80MHz_Nss1,(MCS0)_2TX **PSD**

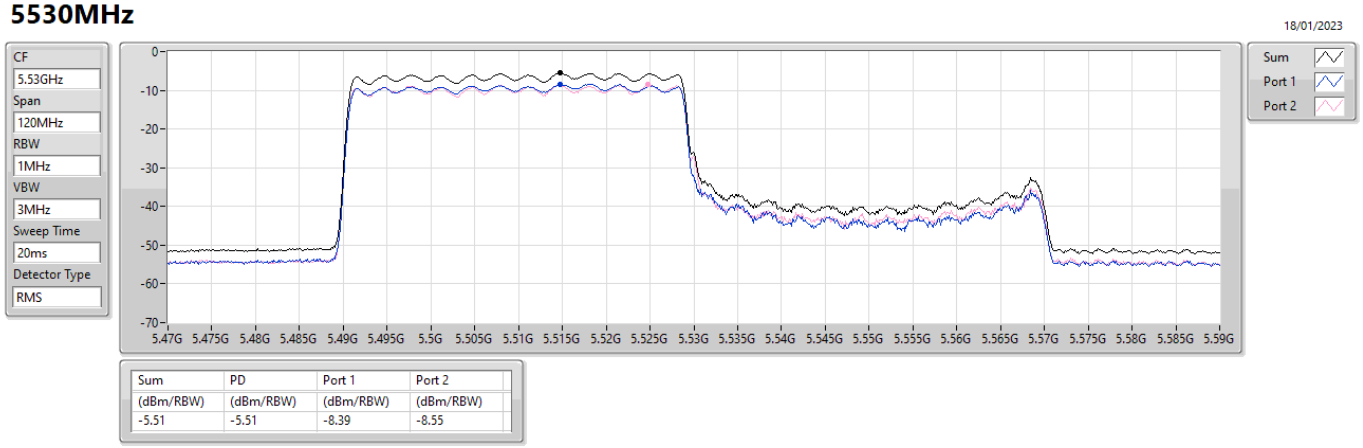
5290MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.05	-5.05	-7.53	-8.31

5.47-5.725GHz_ax80,RU484_80MHz_Nss1,(MCS0)_2TX **PSD**

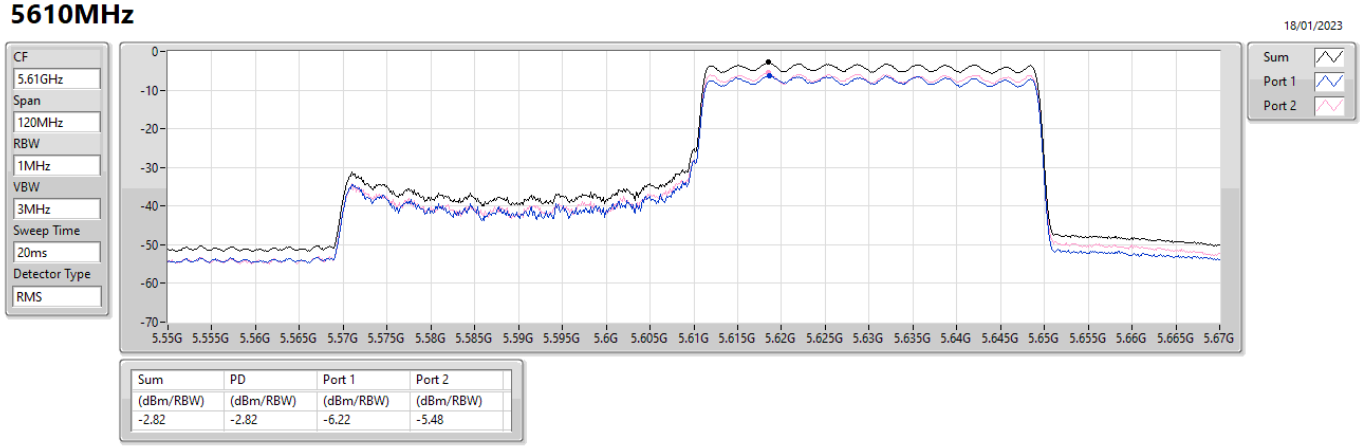
5530MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.51	-5.51	-8.39	-8.55

5.47-5.725GHz_ax80,RU484_80MHz_Nss1,(MCS0)_2TX **PSD**

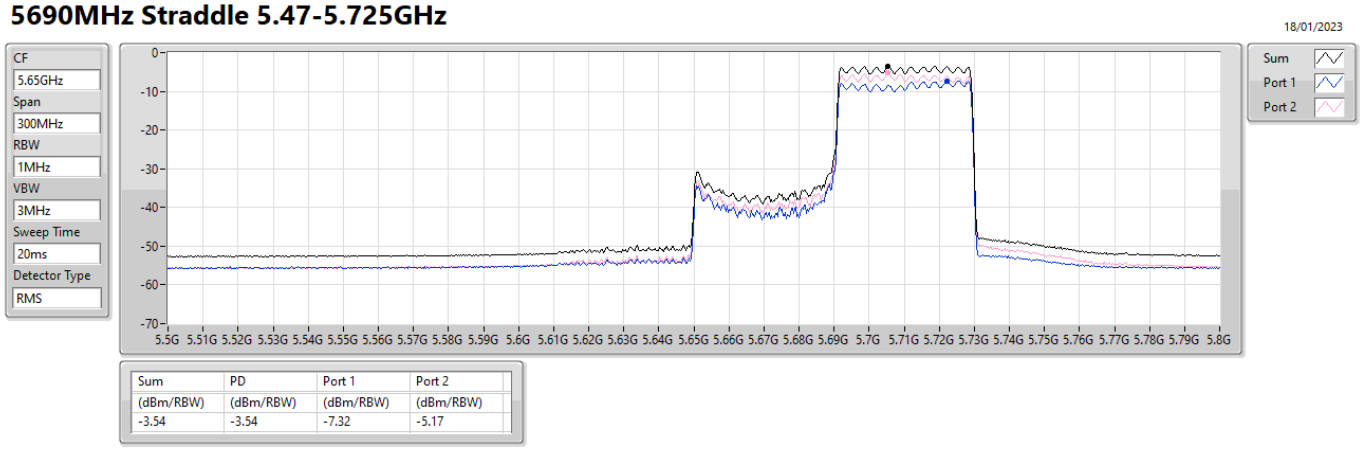
5610MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.82	-2.82	-6.22	-5.48

5.47-5.725GHz_ax80,RU484_80MHz_Nss1,(MCS0)_2TX **PSD**

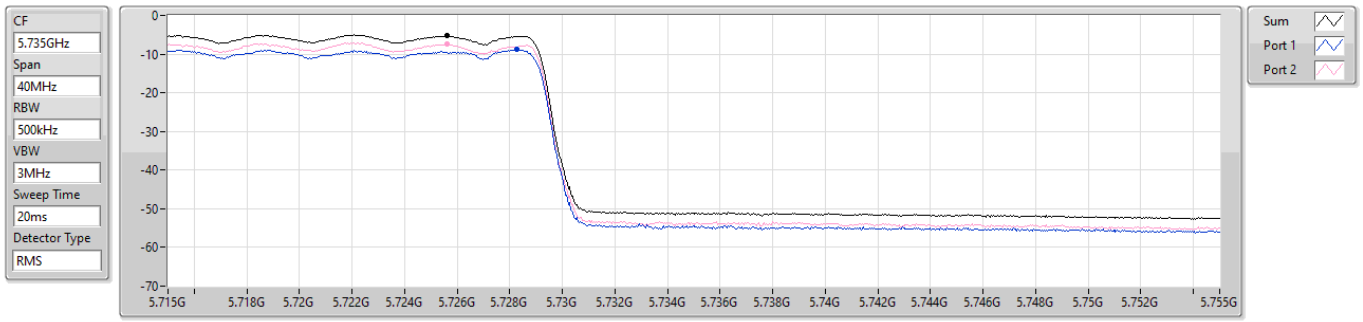
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.54	-3.54	-7.32	-5.17

5.725-5.85GHz_ax80,RU484_80MHz_Nss1,(MCS0)_2TX **PSD**

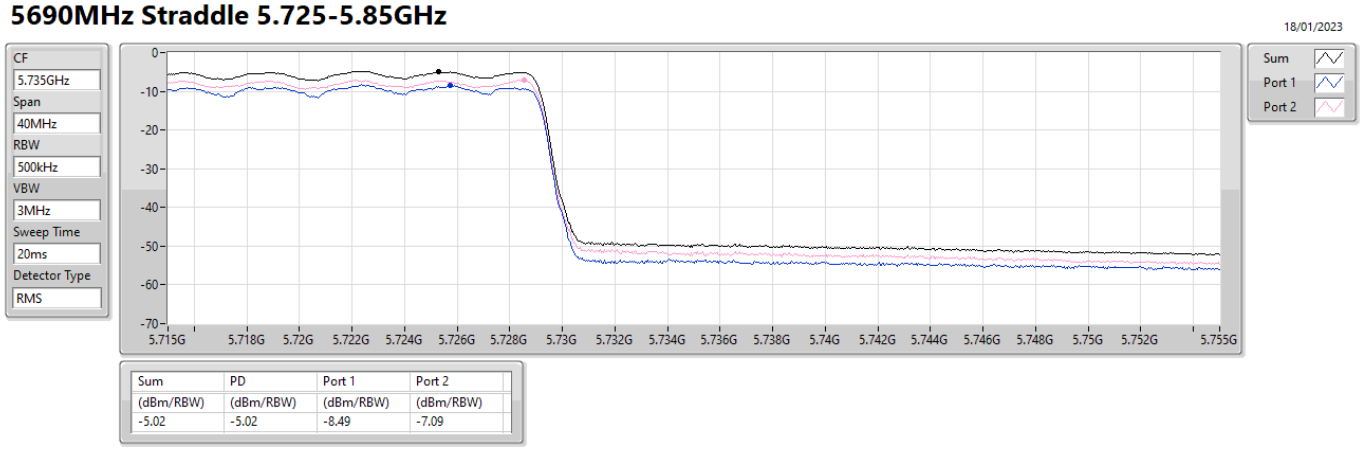
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.33	-5.33	-8.85	-7.37

5.725-5.85GHz_ax80,RU484(65)_80MHz_Nss1,(MCS0)_2TX **PSD**

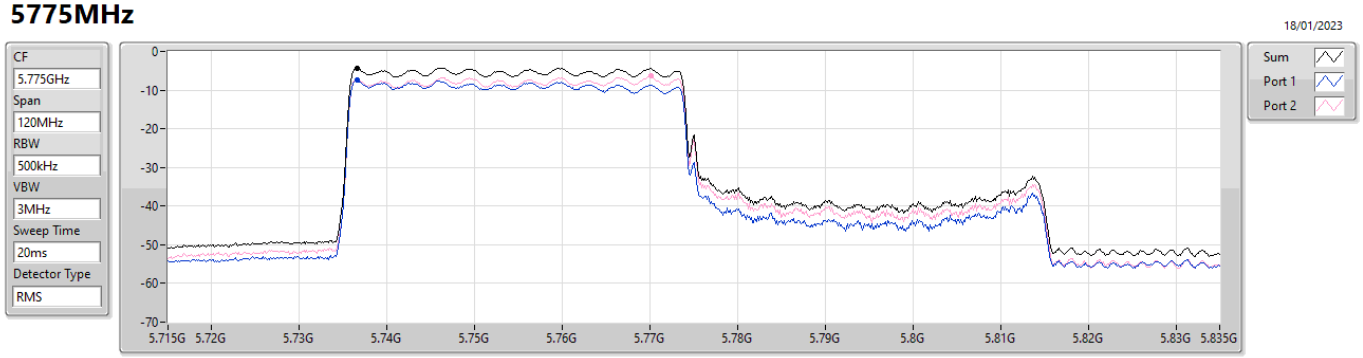
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.02	-5.02	-8.49	-7.09

5.725-5.85GHz_ax80,RU484(65)_80MHz_Nss1,(MCS0)_2TX **PSD**

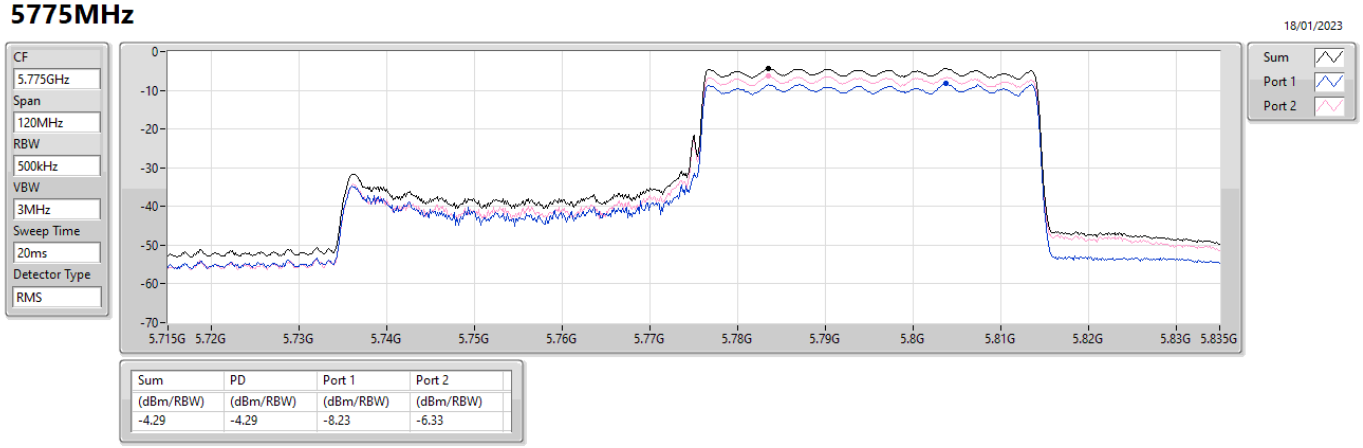
5775MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.26	-4.26	-7.43	-6.39

5.725-5.85GHz_ax80,RU484(66)_80MHz_Nss1,(MCS0)_2TX **PSD**

5775MHz

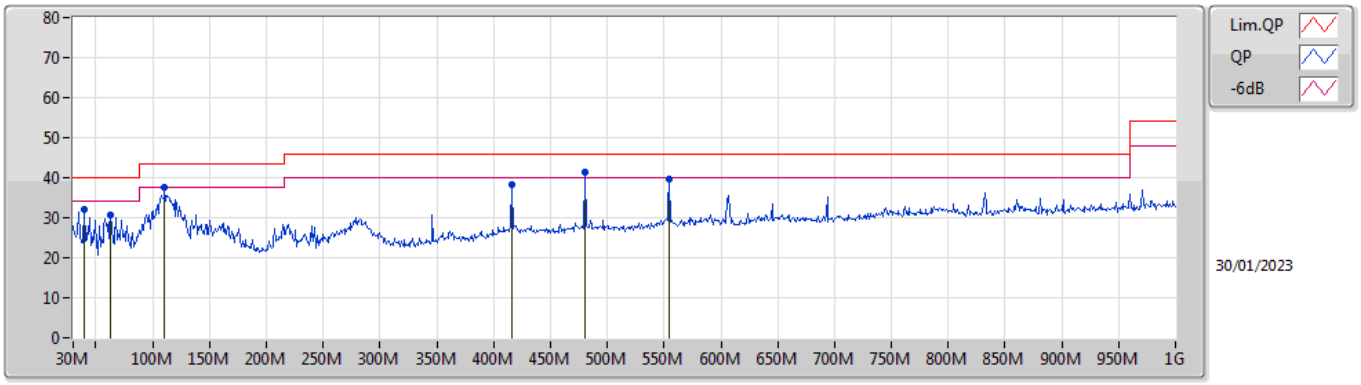


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.29	-4.29	-8.23	-6.33

Summary

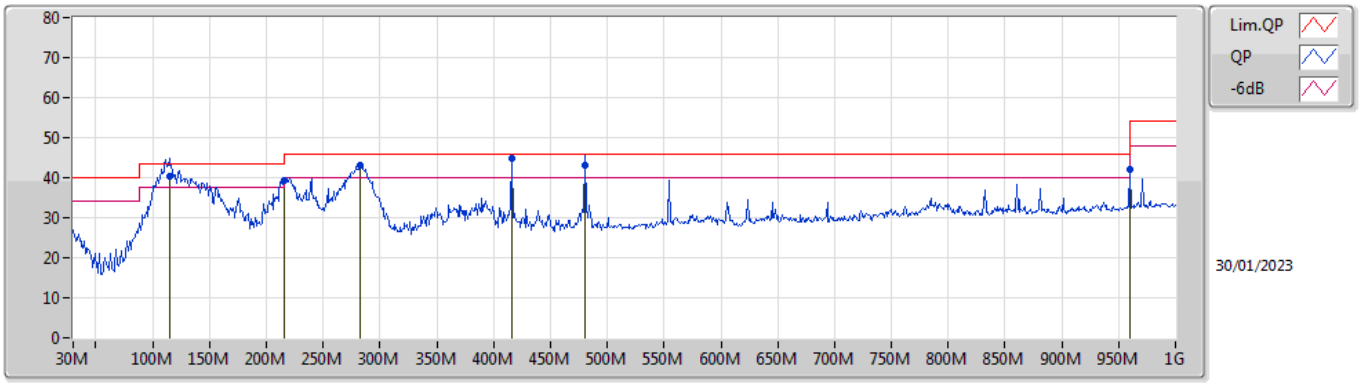
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 3	Pass	QP	416.06M	44.99	46.00	-1.01	Horizontal

Mode 3



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	39.7M	32.18	40.00	-7.82	-11.90	3	Vertical	123	1.00	-	44.08	19.32	0.90	32.12
PK	62.98M	30.85	40.00	-9.15	-18.65	3	Vertical	124	2.00	-	49.50	12.41	1.09	32.15
PK	110.51M	37.58	43.50	-5.92	-12.95	3	Vertical	213	1.50	-	50.53	17.64	1.43	32.02
PK	416.06M	38.39	46.00	-7.61	-6.49	3	Vertical	239	2.00	-	44.88	22.23	2.77	31.49
PK	480.08M	41.39	46.00	-4.61	-5.33	3	Vertical	211	2.00	"Worst"	46.72	23.21	2.99	31.53
PK	554.77M	39.67	46.00	-6.33	-3.72	3	Vertical	5	1.50	-	43.39	24.75	3.20	31.67

Mode 3



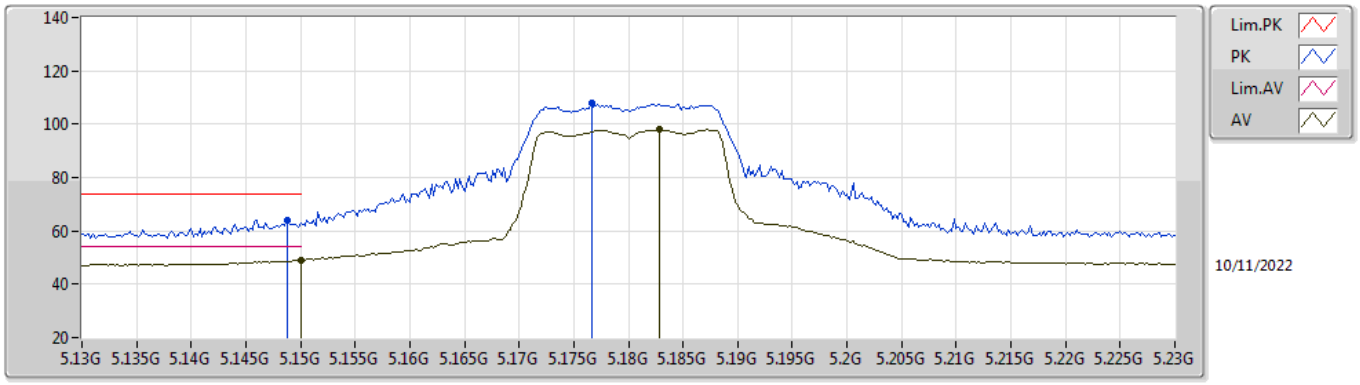
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
QP	114.39M	40.36	43.50	-3.14	-12.64	3	Horizontal	359	2.00	-	53.00	17.87	1.46	31.97
PK	215.27M	39.21	43.50	-4.29	-15.16	3	Horizontal	145	2.00	-	54.37	14.89	1.91	31.96
PK	282.2M	43.14	46.00	-2.86	-10.83	3	Horizontal	338	1.50	-	53.97	18.74	2.23	31.80
QP	416.06M	44.99	46.00	-1.01	-6.49	3	Horizontal	294	1.00	"Worst"	51.48	22.23	2.77	31.49
QP	480.08M	42.94	46.00	-3.06	-5.33	3	Horizontal	194	1.00	-	48.27	23.21	2.99	31.53
PK	959.9M	42.21	46.00	-3.79	0.65	3	Horizontal	360	1.25	-	41.56	26.80	4.30	30.45

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	PK	17.3958G	67.19	68.20	-1.01	3	Vertical	138	2.45	-

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

5180MHz_TX

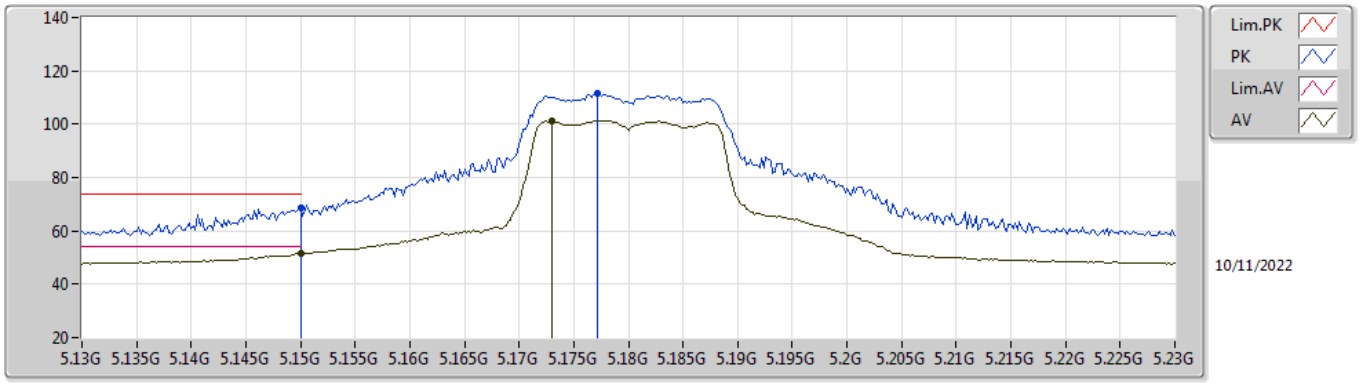


EUT Y_2TX
Setting 17
02-F-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1488G	63.88	74.00	-10.12	55.24	3	Vertical	180	2.10	-	33.60	5.77	30.73
AV	5.15G	49.07	54.00	-4.93	40.42	3	Vertical	180	2.10	-	33.60	5.78	30.73
PK	5.1766G	107.74	Inf	-Inf	99.03	3	Vertical	180	2.10	-	33.65	5.79	30.73
AV	5.1828G	98.10	Inf	-Inf	89.37	3	Vertical	180	2.10	-	33.67	5.79	30.73

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

5180MHz_TX

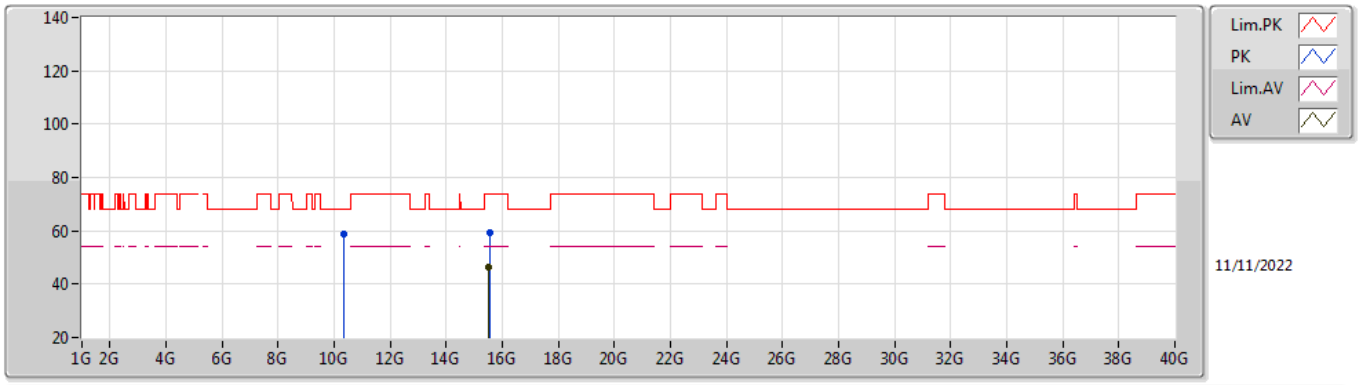


EUT Y_2TX
Setting 17
02-F-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	68.39	74.00	-5.61	59.74	3	Horizontal	139	2.66	-	33.60	5.78	30.73
AV	5.15G	51.61	54.00	-2.39	42.96	3	Horizontal	139	2.66	-	33.60	5.78	30.73
PK	5.1772G	111.64	Inf	-Inf	102.93	3	Horizontal	139	2.66	-	33.65	5.79	30.73
AV	5.173G	101.34	Inf	-Inf	92.63	3	Horizontal	139	2.66	-	33.65	5.79	30.73

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

5180MHz_TX

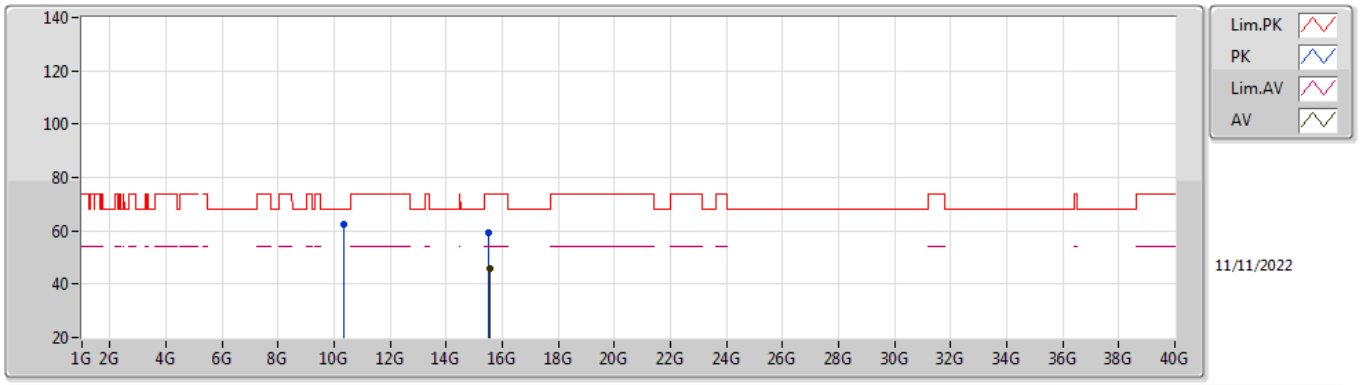


EUT Y_2TX
Setting 17
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.36066G	58.80	68.20	-9.40	43.56	3	Vertical	216	1.58	-	38.64	8.43	31.83
PK	15.5445G	59.13	74.00	-14.87	42.33	3	Vertical	360	1.63	-	37.83	10.32	31.35
AV	15.52752G	46.31	54.00	-7.69	29.41	3	Vertical	360	1.63	-	37.93	10.31	31.34

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

5180MHz_TX

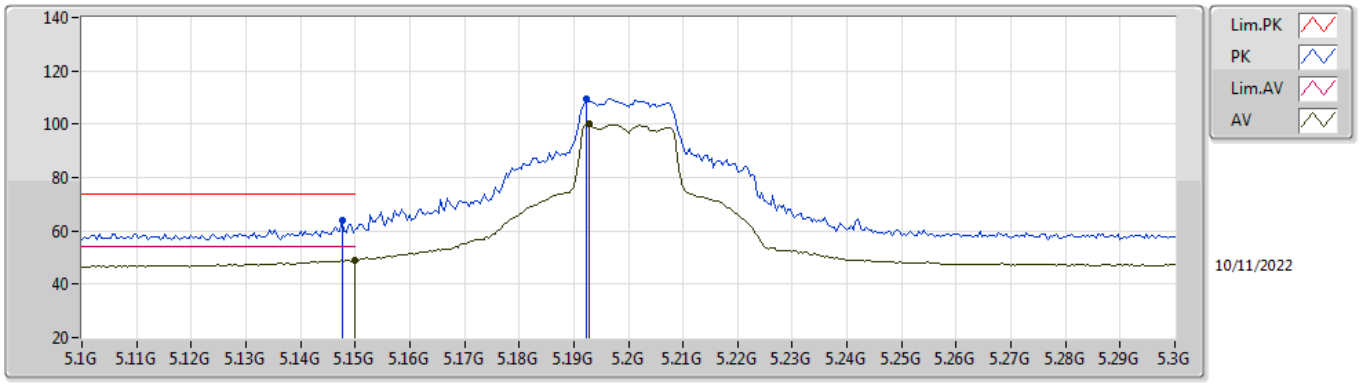


EUT Y_2TX
Setting 17
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.3567G	62.67	68.20	-5.53	47.44	3	Horizontal	222	1.77	-	38.64	8.42	31.83
PK	15.52536G	59.19	74.00	-14.81	42.27	3	Horizontal	240	1.80	-	37.95	10.31	31.34
AV	15.53346G	46.05	54.00	-7.95	29.19	3	Horizontal	240	1.80	-	37.90	10.31	31.35

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

5200MHz_TX

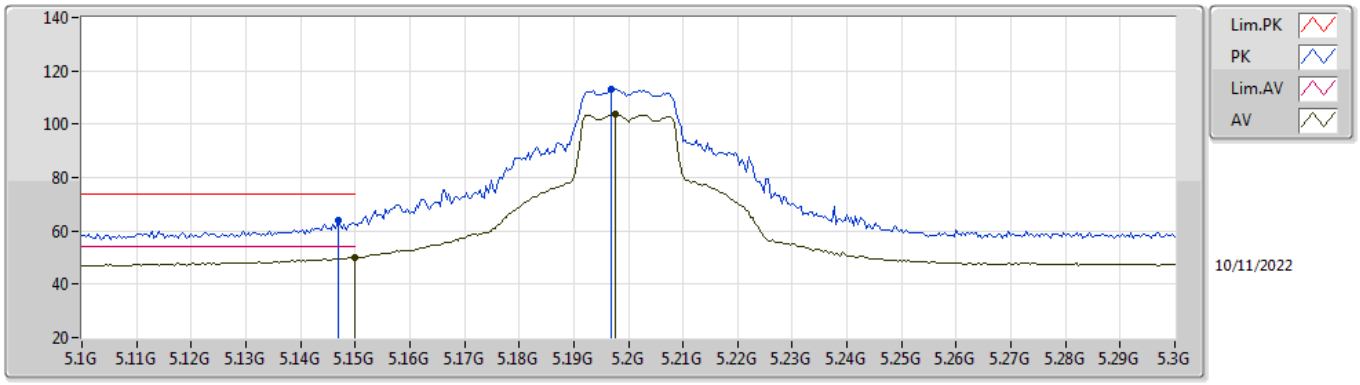


EUT Y_2TX
Setting 21
02-F-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1476G	63.86	74.00	-10.14	55.22	3	Vertical	185	2.59	-	33.60	5.77	30.73
AV	5.15G	49.00	54.00	-5.00	40.35	3	Vertical	185	2.59	-	33.60	5.78	30.73
PK	5.1924G	109.67	Inf	-Inf	100.92	3	Vertical	185	2.59	-	33.68	5.80	30.73
AV	5.1928G	100.04	Inf	-Inf	91.28	3	Vertical	185	2.59	-	33.69	5.80	30.73

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

5200MHz_TX

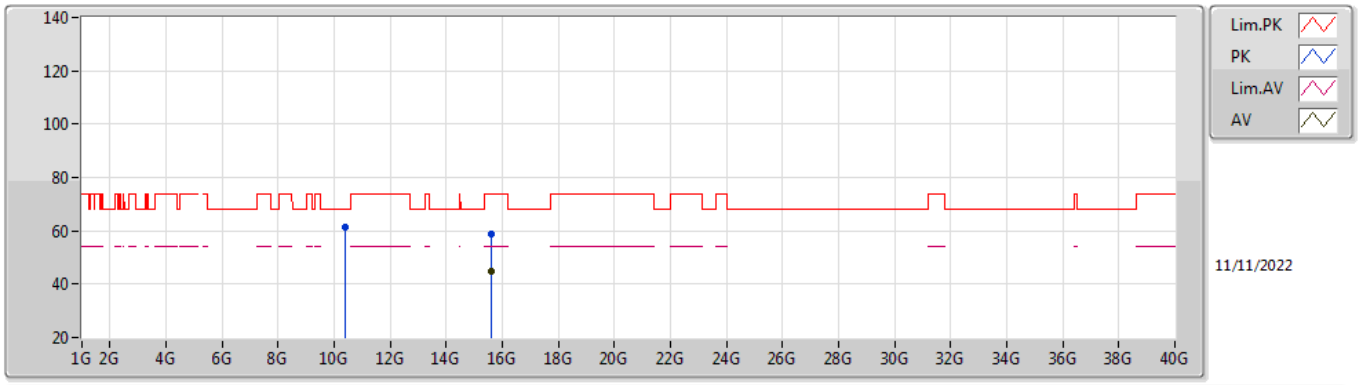


EUT Y_2TX
Setting 21
02-F-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1468G	63.86	74.00	-10.14	55.23	3	Horizontal	141	2.77	-	33.59	5.77	30.73
AV	5.15G	50.25	54.00	-3.75	41.60	3	Horizontal	141	2.77	-	33.60	5.78	30.73
PK	5.1968G	113.01	Inf	-Inf	104.25	3	Horizontal	141	2.77	-	33.69	5.80	30.73
AV	5.1976G	103.63	Inf	-Inf	94.86	3	Horizontal	141	2.77	-	33.70	5.80	30.73

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

5200MHz_TX

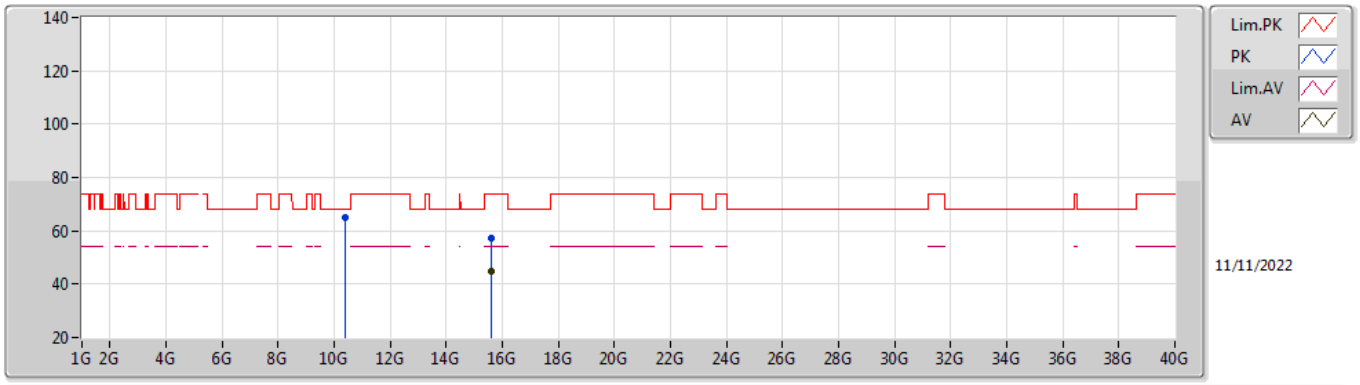


EUT Y_2TX
Setting 21
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.40084G	61.51	68.20	-6.69	46.30	3	Vertical	214	1.71	-	38.60	8.44	31.83
PK	15.60672G	58.71	74.00	-15.29	42.26	3	Vertical	240	1.58	-	37.50	10.34	31.39
AV	15.5952G	44.96	54.00	-9.04	28.47	3	Vertical	240	1.58	-	37.53	10.34	31.38

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

5200MHz_TX

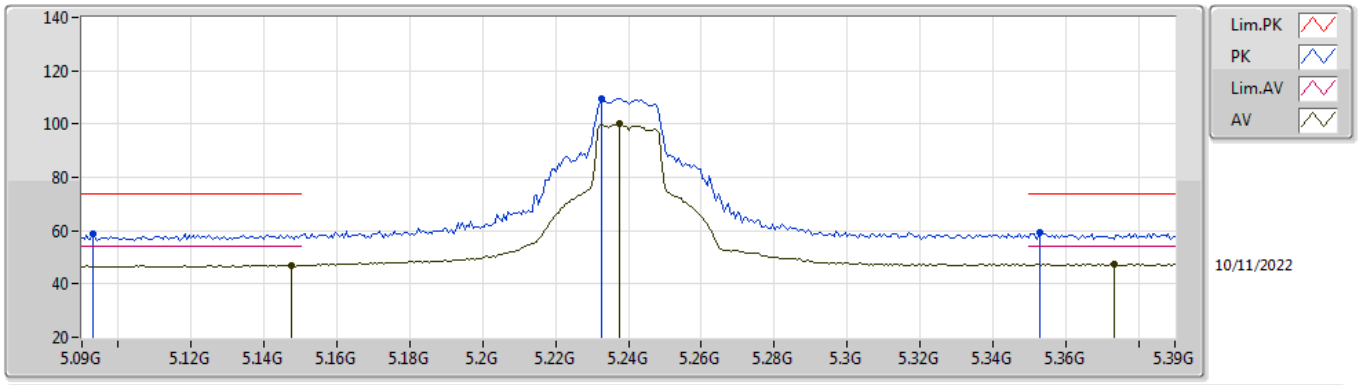


EUT Y_2TX
Setting 21
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.40012G	65.07	68.20	-3.13	49.86	3	Horizontal	220	1.71	-	38.60	8.44	31.83
PK	15.59034G	57.30	74.00	-16.70	40.78	3	Horizontal	244	1.80	-	37.56	10.34	31.38
AV	15.59658G	44.90	54.00	-9.10	28.42	3	Horizontal	244	1.80	-	37.52	10.34	31.38

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

5240MHz_TX

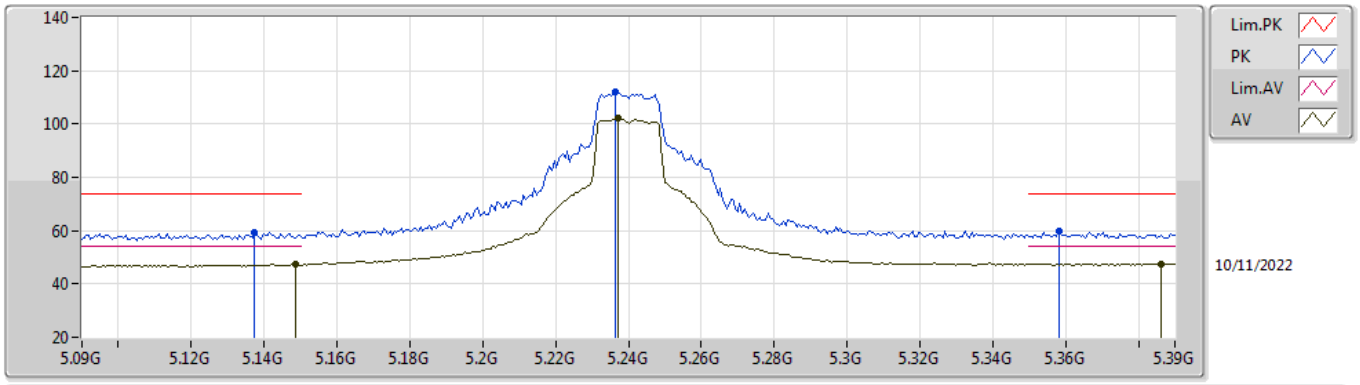


EUT Y_2TX
Setting 21
02-F-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.093G	58.86	74.00	-15.14	50.34	3	Vertical	169	1.87	-	33.50	5.75	30.73
AV	5.1476G	47.02	54.00	-6.98	38.38	3	Vertical	169	1.87	-	33.60	5.77	30.73
PK	5.2328G	109.66	Inf	-Inf	100.87	3	Vertical	169	1.87	-	33.70	5.82	30.73
AV	5.2376G	100.18	Inf	-Inf	91.39	3	Vertical	169	1.87	-	33.70	5.82	30.73
PK	5.3528G	59.40	74.00	-14.60	50.33	3	Vertical	169	1.87	-	33.91	5.88	30.72
AV	5.3732G	47.50	54.00	-6.50	38.38	3	Vertical	169	1.87	-	33.95	5.89	30.72

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

5240MHz_TX

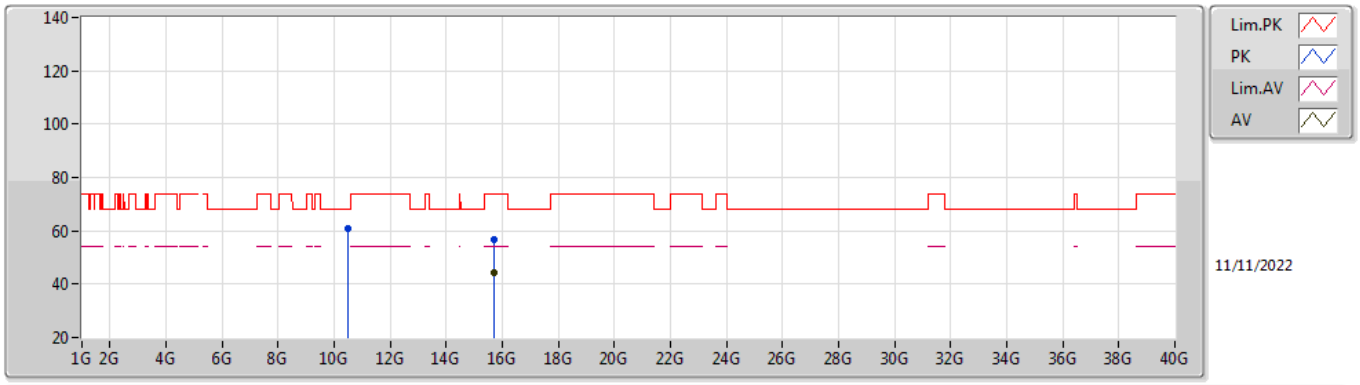


EUT Y_2TX
Setting 21
02-F-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1374G	59.25	74.00	-14.75	50.64	3	Horizontal	141	1.91	-	33.57	5.77	30.73
AV	5.1488G	47.26	54.00	-6.74	38.62	3	Horizontal	141	1.91	-	33.60	5.77	30.73
PK	5.2364G	112.10	Inf	-Inf	103.31	3	Horizontal	141	1.91	-	33.70	5.82	30.73
AV	5.237G	102.03	Inf	-Inf	93.24	3	Horizontal	141	1.91	-	33.70	5.82	30.73
PK	5.3582G	59.57	74.00	-14.43	50.49	3	Horizontal	141	1.91	-	33.92	5.88	30.72
AV	5.3864G	47.51	54.00	-6.49	38.37	3	Horizontal	141	1.91	-	33.97	5.89	30.72

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

5240MHz_TX

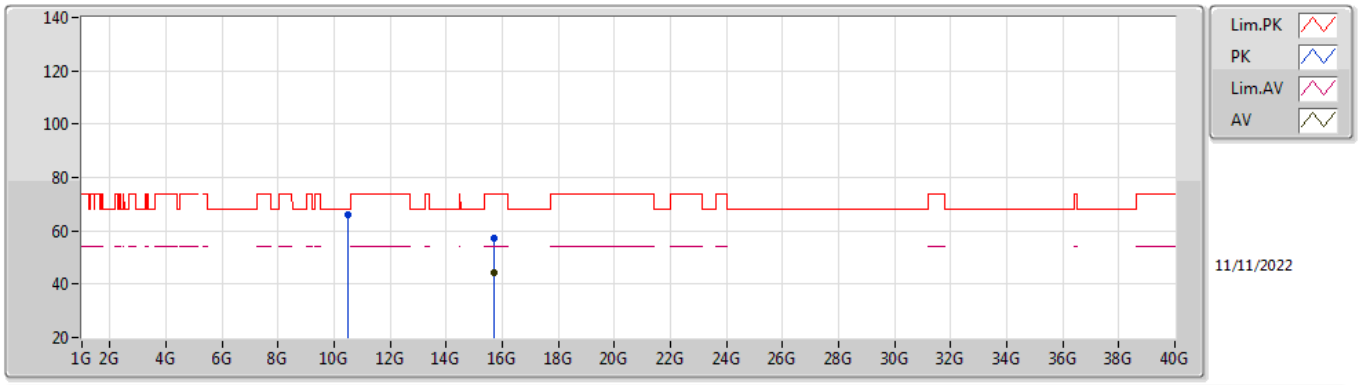


EUT Y_2TX
Setting 21
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.48024G	60.70	68.20	-7.50	45.48	3	Vertical	214	1.73	-	38.60	8.47	31.85
PK	15.71903G	56.84	74.00	-17.16	40.39	3	Vertical	175	2.33	-	37.50	10.39	31.44
AV	15.71892G	44.10	54.00	-9.90	27.65	3	Vertical	175	2.33	-	37.50	10.39	31.44

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

5240MHz_TX

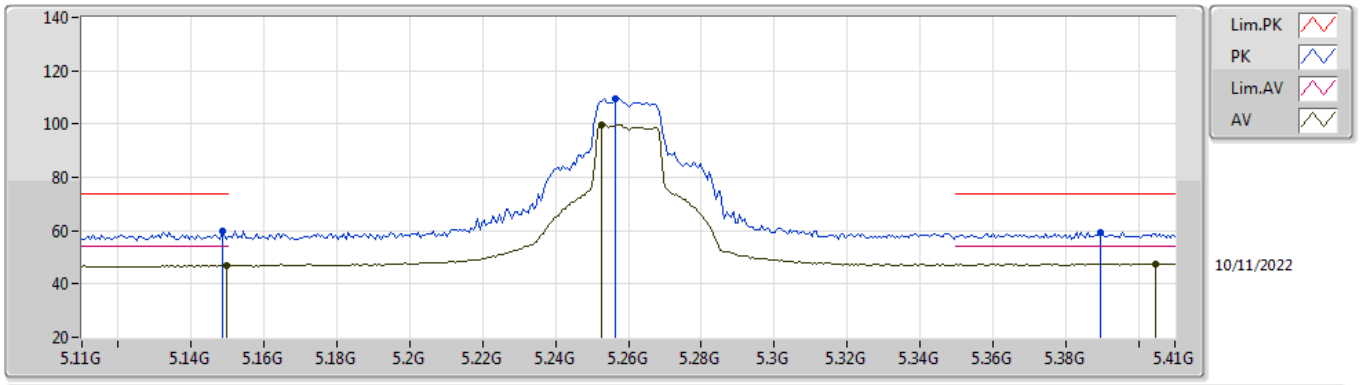


EUT Y_2TX
Setting 21
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.48108G	65.93	68.20	-2.27	50.71	3	Horizontal	221	1.75	-	38.60	8.47	31.85
PK	15.72047G	57.50	74.00	-16.50	41.05	3	Horizontal	148	2.89	-	37.50	10.39	31.44
AV	15.72005G	44.10	54.00	-9.90	27.65	3	Horizontal	148	2.89	-	37.50	10.39	31.44

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

5260MHz_TX

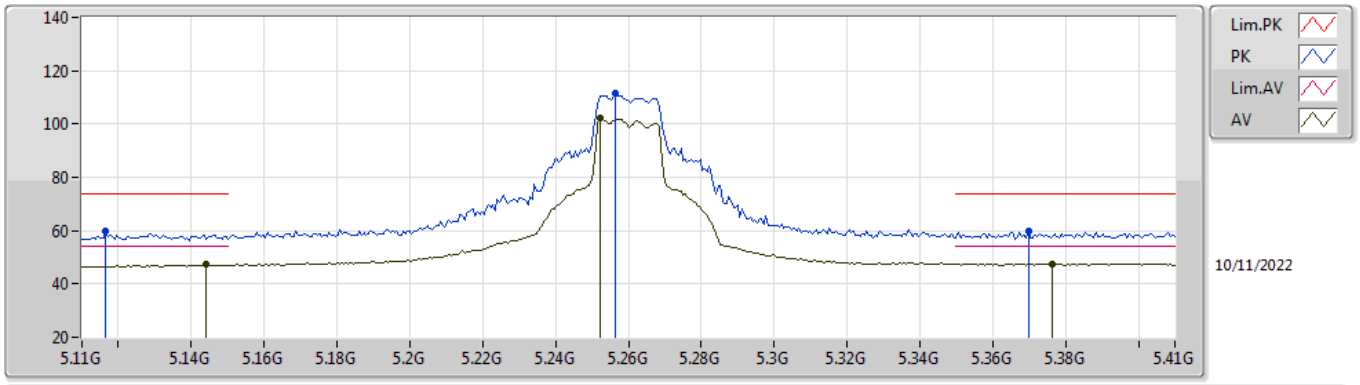


EUT Y_2TX
Setting 21
02-F-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1484G	60.06	74.00	-13.94	51.42	3	Vertical	342	2.62	-	33.60	5.77	30.73
AV	5.1496G	47.06	54.00	-6.94	38.42	3	Vertical	342	2.62	-	33.60	5.77	30.73
PK	5.2564G	109.43	Inf	-Inf	100.61	3	Vertical	342	2.62	-	33.71	5.83	30.72
AV	5.2528G	99.68	Inf	-Inf	90.86	3	Vertical	342	2.62	-	33.71	5.83	30.72
PK	5.3896G	59.51	74.00	-14.49	50.36	3	Vertical	342	2.62	-	33.98	5.89	30.72
AV	5.4046G	47.60	54.00	-6.40	38.42	3	Vertical	342	2.62	-	34.00	5.90	30.72

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

5260MHz_TX

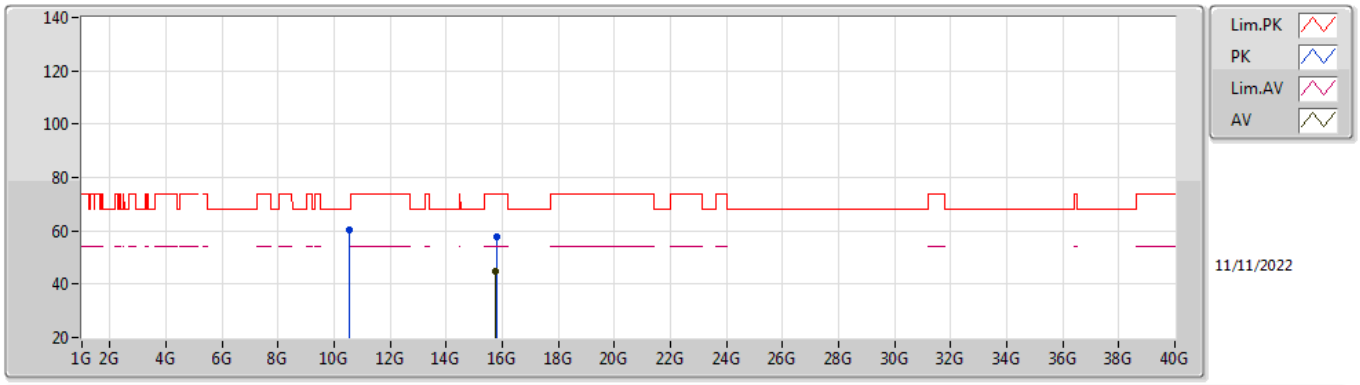


EUT Y_2TX
Setting 21
02-F-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1166G	59.73	74.00	-14.27	51.17	3	Horizontal	141	2.72	-	33.53	5.76	30.73
AV	5.1442G	47.20	54.00	-6.80	38.57	3	Horizontal	141	2.72	-	33.59	5.77	30.73
PK	5.2564G	111.39	Inf	-Inf	102.57	3	Horizontal	141	2.72	-	33.71	5.83	30.72
AV	5.2522G	102.08	Inf	-Inf	93.27	3	Horizontal	141	2.72	-	33.70	5.83	30.72
PK	5.3698G	59.73	74.00	-14.27	50.63	3	Horizontal	141	2.72	-	33.94	5.88	30.72
AV	5.3764G	47.57	54.00	-6.43	38.45	3	Horizontal	141	2.72	-	33.95	5.89	30.72

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

5260MHz_TX

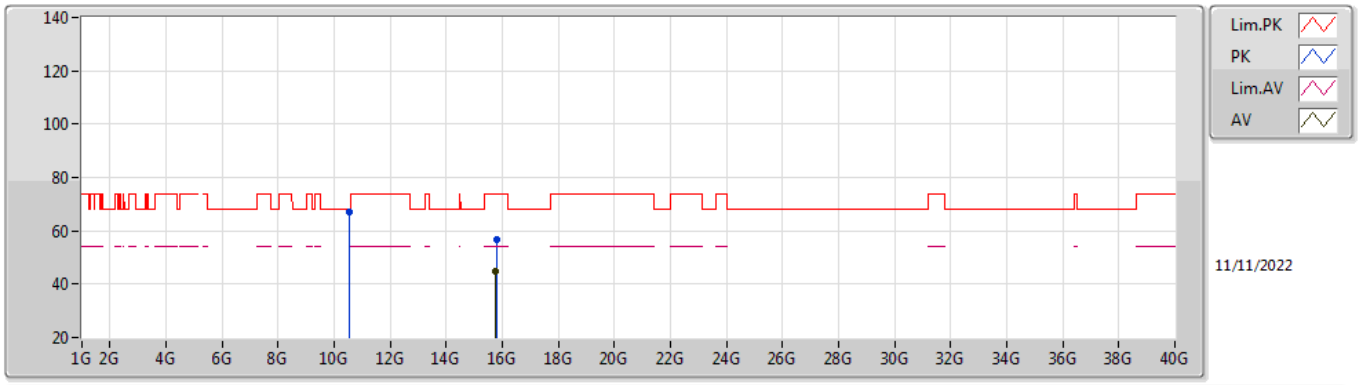


EUT Y_2TX
Setting 21
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.5212G	60.11	68.20	-8.09	44.90	3	Vertical	213	1.64	-	38.58	8.48	31.85
PK	15.78128G	57.61	74.00	-16.39	41.18	3	Vertical	224	2.22	-	37.50	10.41	31.48
AV	15.76928G	44.68	54.00	-9.32	28.24	3	Vertical	224	2.22	-	37.50	10.41	31.47

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

5260MHz_TX

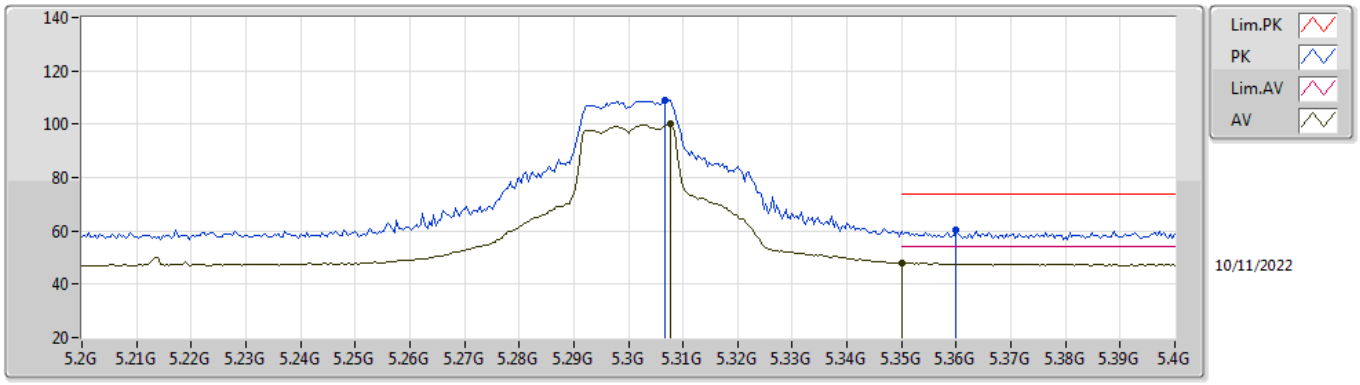


EUT Y_2TX
Setting 21
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.51712G	66.87	68.20	-1.33	51.66	3	Horizontal	220	1.78	-	38.58	8.48	31.85
PK	15.79296G	56.94	74.00	-17.06	40.50	3	Horizontal	13	1.16	-	37.50	10.42	31.48
AV	15.7736G	44.57	54.00	-9.43	28.13	3	Horizontal	13	1.16	-	37.50	10.41	31.47

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

5300MHz_TX

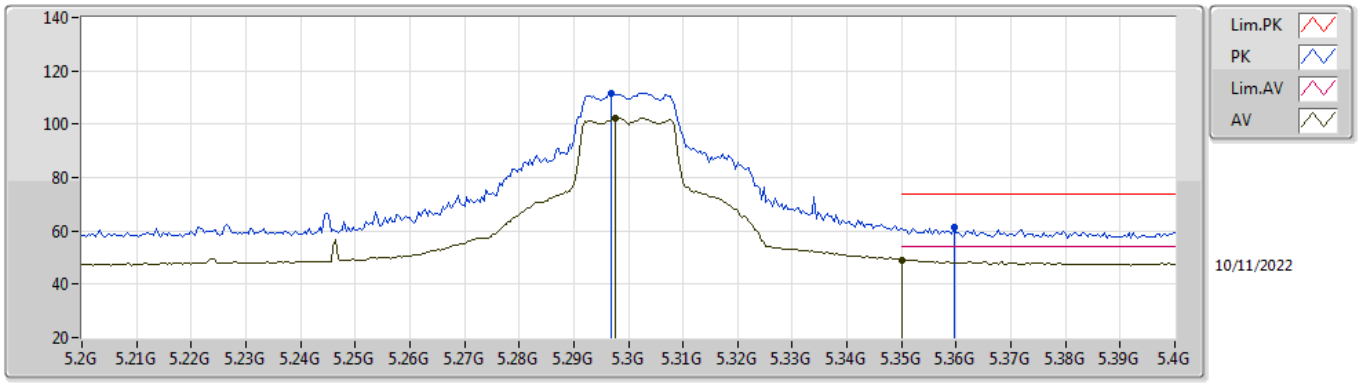


EUT Y_2TX
Setting 21
02-F-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3068G	108.80	Inf	-Inf	99.86	3	Vertical	350	2.18	-	33.81	5.85	30.72
AV	5.3076G	99.92	Inf	-Inf	90.97	3	Vertical	350	2.18	-	33.82	5.85	30.72
PK	5.36G	60.21	74.00	-13.79	51.13	3	Vertical	350	2.18	-	33.92	5.88	30.72
AV	5.35G	48.01	54.00	-5.99	38.95	3	Vertical	350	2.18	-	33.90	5.88	30.72

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

5300MHz_TX

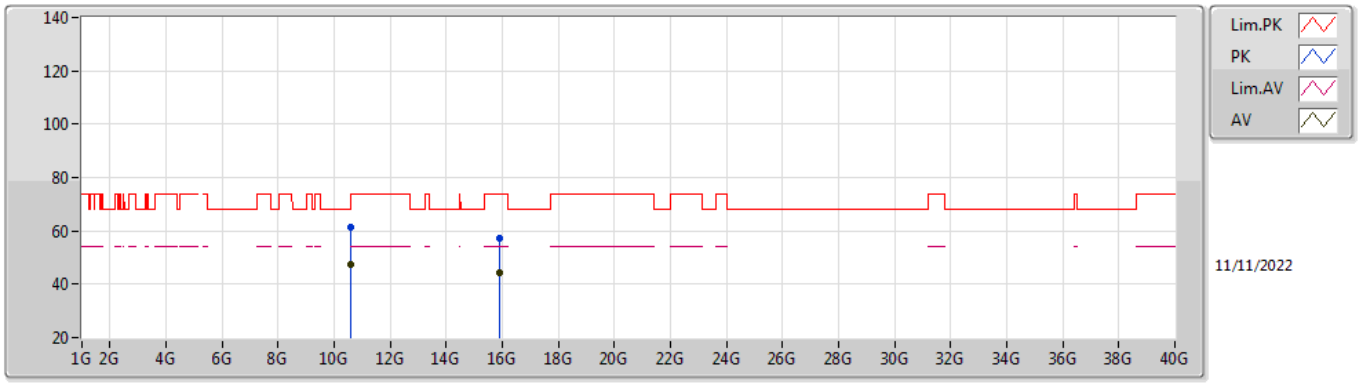


EUT Y_2TX
Setting 21
02-F-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.2968G	111.62	Inf	-Inf	102.70	3	Horizontal	138	2.78	-	33.79	5.85	30.72
AV	5.2976G	102.39	Inf	-Inf	93.46	3	Horizontal	138	2.78	-	33.80	5.85	30.72
PK	5.3596G	61.31	74.00	-12.69	52.23	3	Horizontal	138	2.78	-	33.92	5.88	30.72
AV	5.35G	49.06	54.00	-4.94	40.00	3	Horizontal	138	2.78	-	33.90	5.88	30.72

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

5300MHz_TX

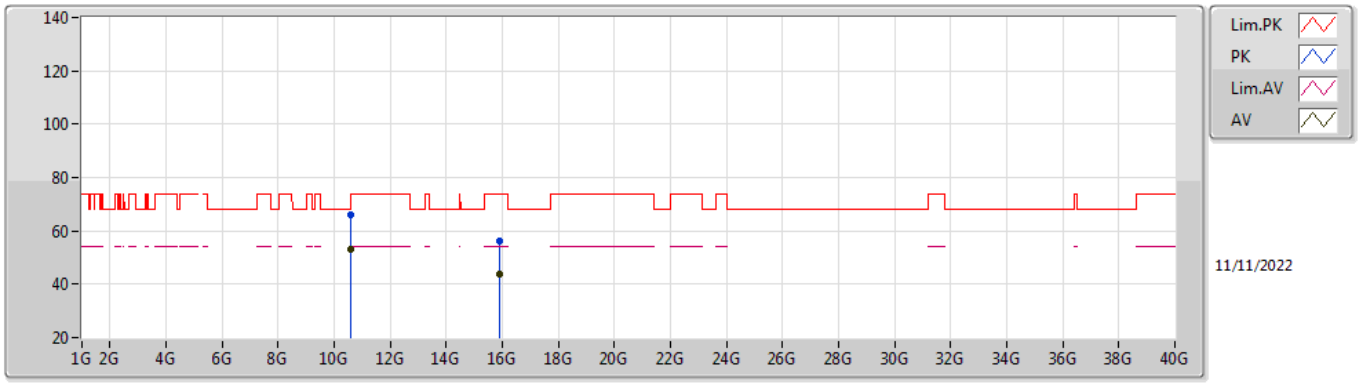


EUT Y_2TX
Setting 20
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.60136G	61.39	74.00	-12.61	46.24	3	Vertical	213	1.76	-	38.50	8.51	31.86
AV	10.60184G	47.40	54.00	-6.60	32.25	3	Vertical	213	1.76	-	38.50	8.51	31.86
PK	15.90184G	57.15	74.00	-16.85	40.93	3	Vertical	68	2.97	-	37.30	10.46	31.54
AV	15.90024G	44.45	54.00	-9.55	28.23	3	Vertical	68	2.97	-	37.30	10.46	31.54

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

5300MHz_TX

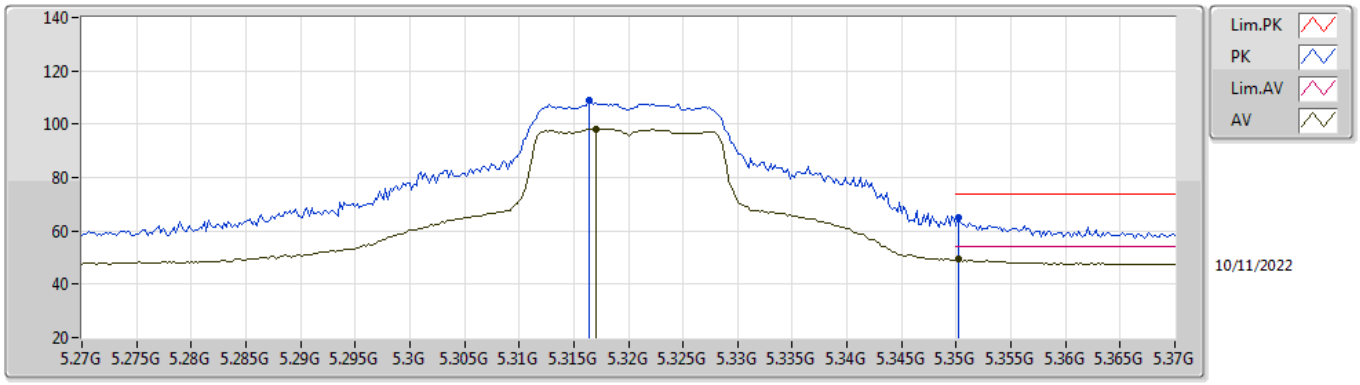


EUT Y_2TX
Setting 20
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.6012G	66.20	74.00	-7.80	51.05	3	Horizontal	219	1.80	-	38.50	8.51	31.86
AV	10.60224G	52.92	54.00	-1.08	37.77	3	Horizontal	219	1.80	-	38.50	8.51	31.86
PK	15.8892G	56.45	74.00	-17.55	40.20	3	Horizontal	221	1.54	-	37.32	10.46	31.53
AV	15.91864G	43.72	54.00	-10.28	27.50	3	Horizontal	221	1.54	-	37.30	10.47	31.55

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

5320MHz_TX

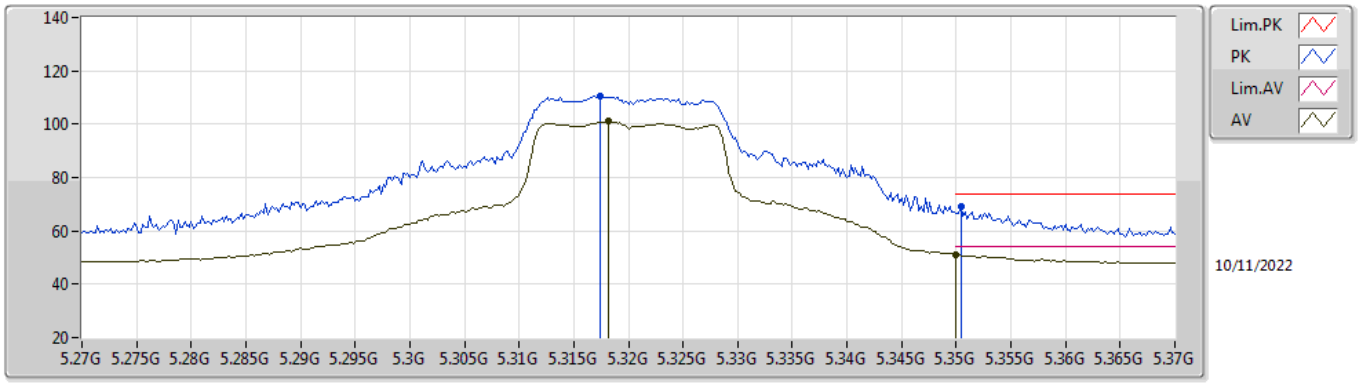


EUT Y_2TX
Setting 19
02-F-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3164G	108.72	Inf	-Inf	99.75	3	Vertical	170	1.70	-	33.83	5.86	30.72
AV	5.317G	98.26	Inf	-Inf	89.29	3	Vertical	170	1.70	-	33.83	5.86	30.72
PK	5.3502G	64.81	74.00	-9.19	55.75	3	Vertical	170	1.70	-	33.90	5.88	30.72
AV	5.3502G	49.56	54.00	-4.44	40.50	3	Vertical	170	1.70	-	33.90	5.88	30.72

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

5320MHz_TX

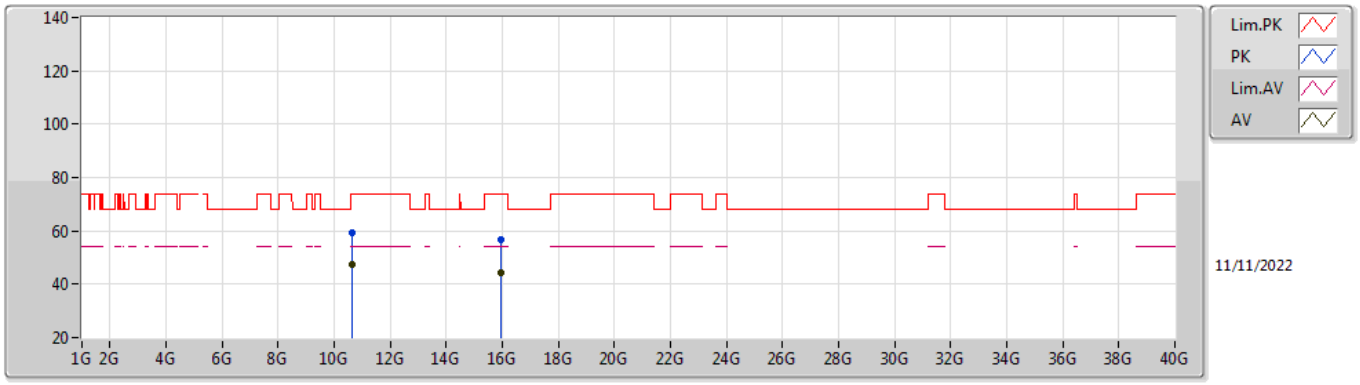


EUT Y_2TX
Setting 19
02-F-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3174G	110.69	Inf	-Inf	101.72	3	Horizontal	141	1.86	-	33.83	5.86	30.72
AV	5.3182G	100.98	Inf	-Inf	92.00	3	Horizontal	141	1.86	-	33.84	5.86	30.72
PK	5.3504G	68.89	74.00	-5.11	59.83	3	Horizontal	141	1.86	-	33.90	5.88	30.72
AV	5.35G	51.22	54.00	-2.78	42.16	3	Horizontal	141	1.86	-	33.90	5.88	30.72

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

5320MHz_TX

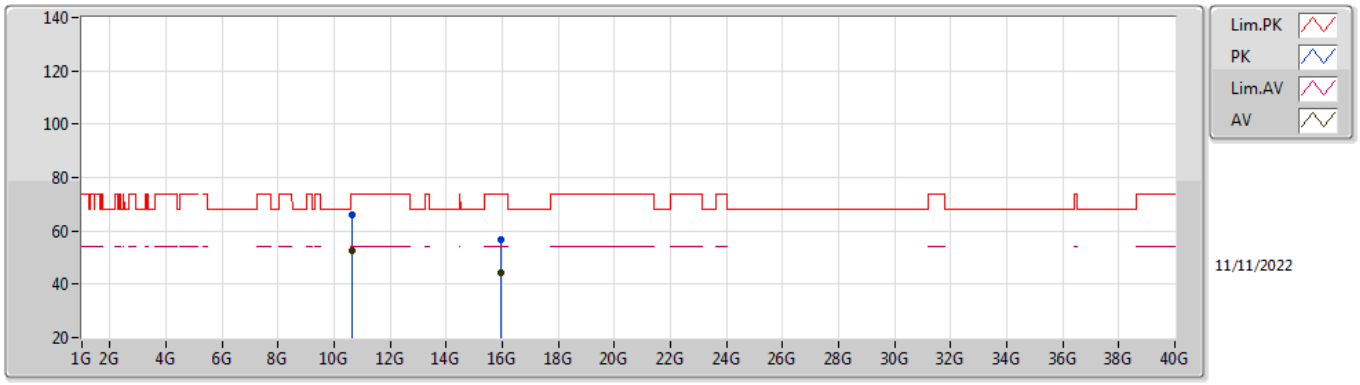


EUT Y_2TX
Setting 19
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.64112G	59.42	74.00	-14.58	44.27	3	Vertical	213	1.75	-	38.50	8.52	31.87
AV	10.64136G	47.30	54.00	-6.70	32.15	3	Vertical	213	1.75	-	38.50	8.52	31.87
PK	15.96688G	56.97	74.00	-17.03	40.75	3	Vertical	346	2.39	-	37.30	10.49	31.57
AV	15.95712G	44.31	54.00	-9.69	28.10	3	Vertical	346	2.39	-	37.30	10.48	31.57

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

5320MHz_TX

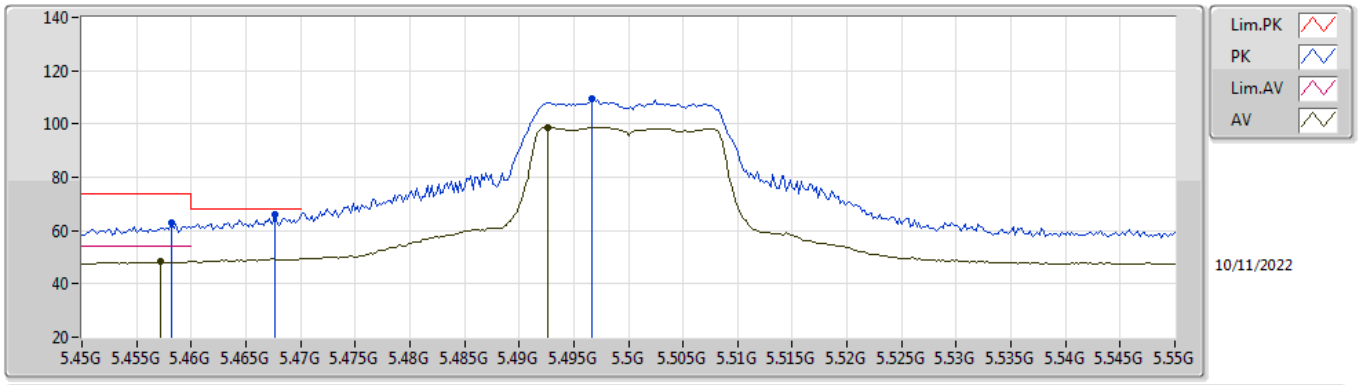


EUT Y_2TX
Setting 19
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.64704G	65.95	74.00	-8.05	50.79	3	Horizontal	219	1.75	-	38.50	8.53	31.87
AV	10.64152G	52.80	54.00	-1.20	37.65	3	Horizontal	219	1.75	-	38.50	8.52	31.87
PK	15.97016G	56.63	74.00	-17.37	40.41	3	Horizontal	302	1.40	-	37.30	10.49	31.57
AV	15.96056G	44.14	54.00	-9.86	27.93	3	Horizontal	302	1.40	-	37.30	10.48	31.57

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

5500MHz_TX

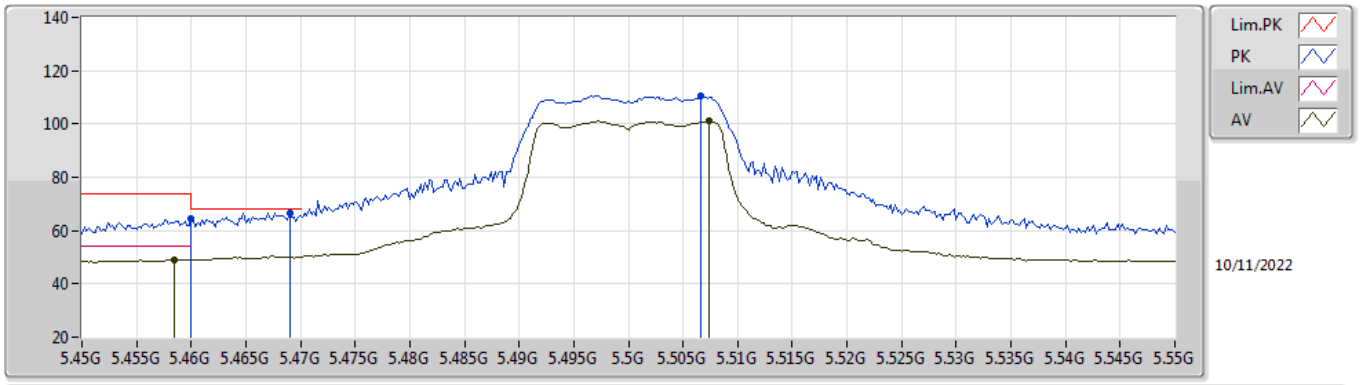


EUT Y_2TX
Setting 18
02-F-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4582G	62.79	74.00	-11.21	53.55	3	Vertical	348	2.18	-	34.00	5.96	30.72
AV	5.4572G	48.30	54.00	-5.70	39.06	3	Vertical	348	2.18	-	34.00	5.96	30.72
PK	5.4676G	66.10	68.20	-2.10	56.85	3	Vertical	348	2.18	-	34.00	5.97	30.72
PK	5.4966G	109.31	Inf	-Inf	100.03	3	Vertical	348	2.18	-	34.00	6.00	30.72
AV	5.4926G	98.85	Inf	-Inf	89.58	3	Vertical	348	2.18	-	34.00	5.99	30.72

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

5500MHz_TX

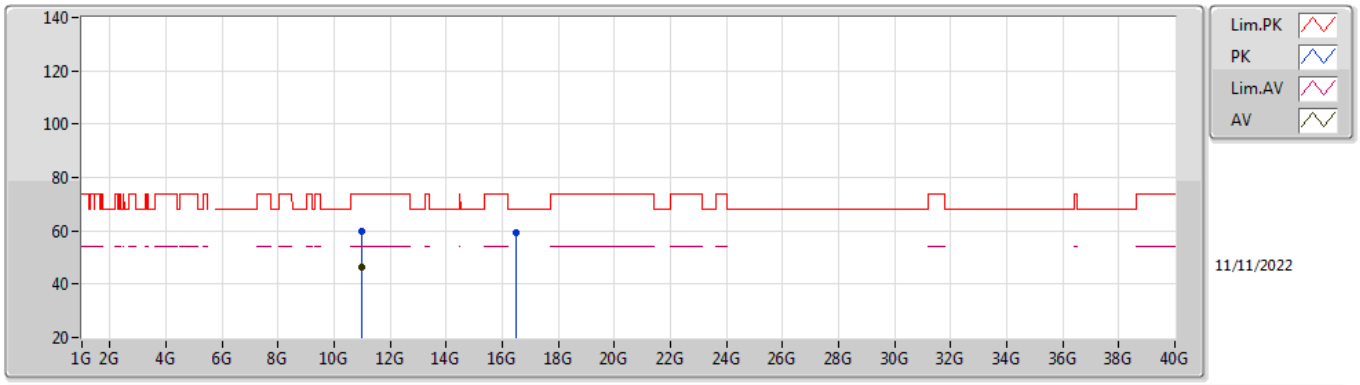


EUT Y_2TX
Setting 18
02-F-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.46G	64.32	74.00	-9.68	55.08	3	Horizontal	140	1.77	-	34.00	5.96	30.72
AV	5.4584G	49.18	54.00	-4.82	39.94	3	Horizontal	140	1.77	-	34.00	5.96	30.72
PK	5.469G	66.71	68.20	-1.49	57.46	3	Horizontal	140	1.77	-	34.00	5.97	30.72
PK	5.5066G	110.77	Inf	-Inf	101.49	3	Horizontal	140	1.77	-	34.00	6.01	30.73
AV	5.5074G	101.05	Inf	-Inf	91.77	3	Horizontal	140	1.77	-	34.00	6.01	30.73

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

5500MHz_TX

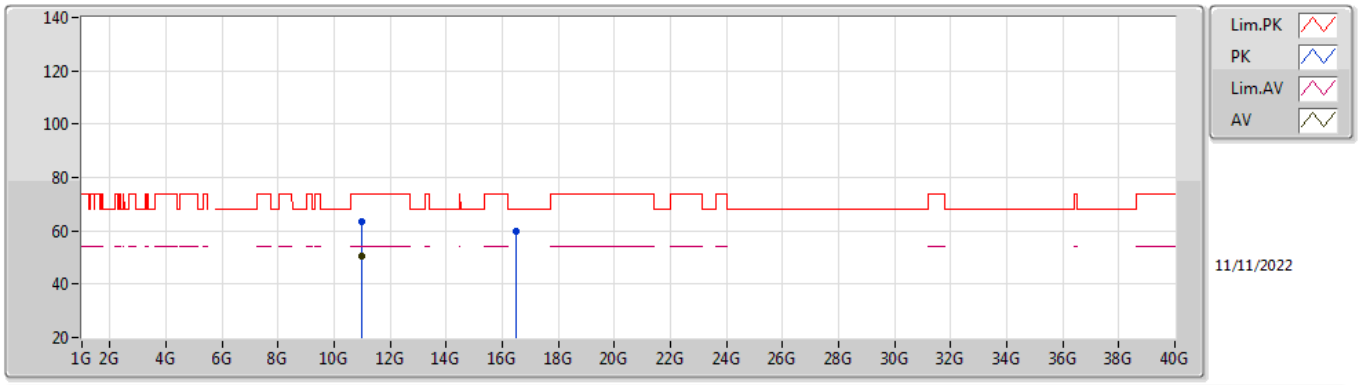


EUT Y_2TX
Setting 18
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.00232G	59.59	74.00	-14.41	44.26	3	Vertical	150	1.80	-	38.60	8.65	31.92
AV	10.99704G	46.18	54.00	-7.82	30.85	3	Vertical	150	1.80	-	38.60	8.65	31.92
PK	16.50544G	59.50	68.20	-8.70	40.67	3	Vertical	205	1.58	-	39.12	10.68	30.97

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

5500MHz_TX

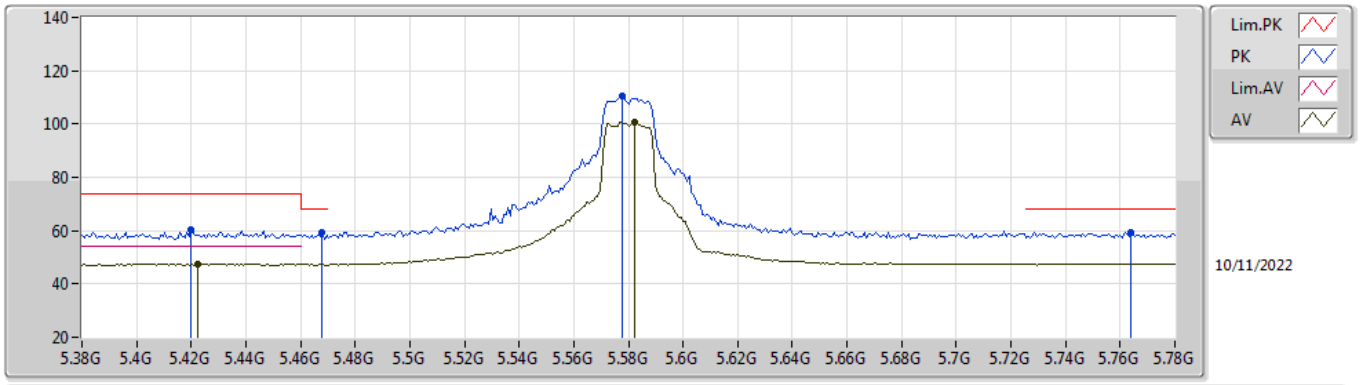


EUT Y_2TX
Setting 18
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.99664G	63.61	74.00	-10.39	48.28	3	Horizontal	218	1.78	-	38.60	8.65	31.92
AV	10.99712G	50.70	54.00	-3.30	35.37	3	Horizontal	218	1.78	-	38.60	8.65	31.92
PK	16.5152G	59.66	68.20	-8.54	40.79	3	Horizontal	61	2.99	-	39.15	10.68	30.96

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

5580MHz_TX

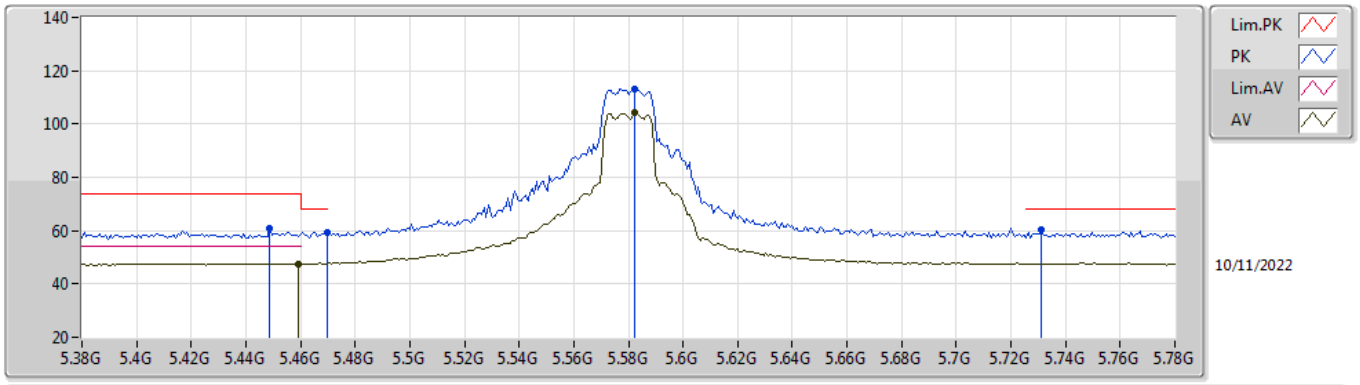


EUT Y_2TX
Setting 21
02-F-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA	
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)	
PK	5.42G	60.12	74.00	-13.88	50.92	3	Vertical	182	1.80	-	34.00	5.92	30.72	
AV	5.4224G	47.62	54.00	-6.38	38.42	3	Vertical	182	1.80	-	34.00	5.92	30.72	
PK	5.468G	59.09	68.20	-9.11	49.84	3	Vertical	182	1.80	-	34.00	5.97	30.72	
PK	5.5776G	110.55	Inf	-Inf	101.31	3	Vertical	182	1.80	-	33.94	6.08	30.78	
AV	5.5824G	100.51	Inf	-Inf	91.27	3	Vertical	182	1.80	-	33.94	6.08	30.78	
PK	5.764G	59.33	68.20	-8.87	50.35	3	Vertical	182	1.80	-	33.80	6.10	30.92	

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

5580MHz_TX

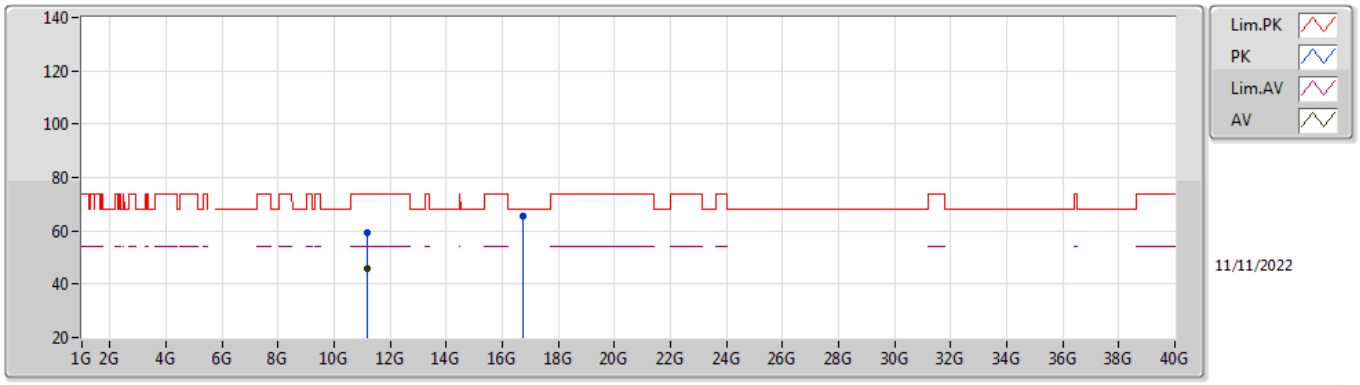


EUT Y_2TX
Setting 21
02-F-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4488G	60.65	74.00	-13.35	51.42	3	Horizontal	141	1.92	-	34.00	5.95	30.72
AV	5.4592G	47.64	54.00	-6.36	38.40	3	Horizontal	141	1.92	-	34.00	5.96	30.72
PK	5.4696G	59.39	68.20	-8.81	50.14	3	Horizontal	141	1.92	-	34.00	5.97	30.72
PK	5.5824G	113.26	Inf	-Inf	104.02	3	Horizontal	141	1.92	-	33.94	6.08	30.78
AV	5.5824G	104.15	Inf	-Inf	94.91	3	Horizontal	141	1.92	-	33.94	6.08	30.78
PK	5.7312G	60.34	68.20	-7.86	51.30	3	Horizontal	141	1.92	-	33.84	6.10	30.90

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

5580MHz_TX

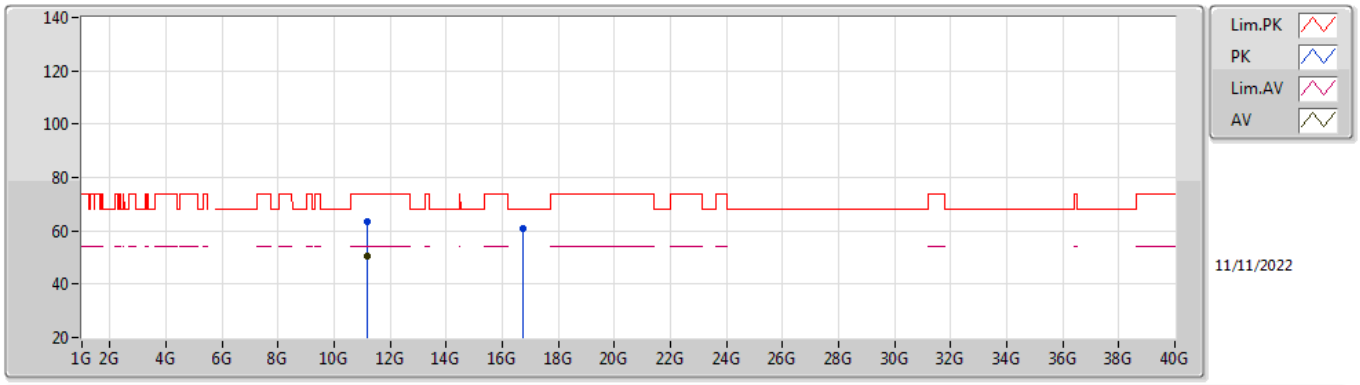


EUT Y_2TX
Setting 21
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.15712G	59.36	74.00	-14.64	43.88	3	Vertical	148	1.78	-	38.76	8.70	31.98
AV	11.15704G	45.99	54.00	-8.01	30.51	3	Vertical	148	1.78	-	38.76	8.70	31.98
PK	16.7412G	65.76	68.20	-2.44	45.70	3	Vertical	189	2.75	-	39.93	10.76	30.63

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

5580MHz_TX

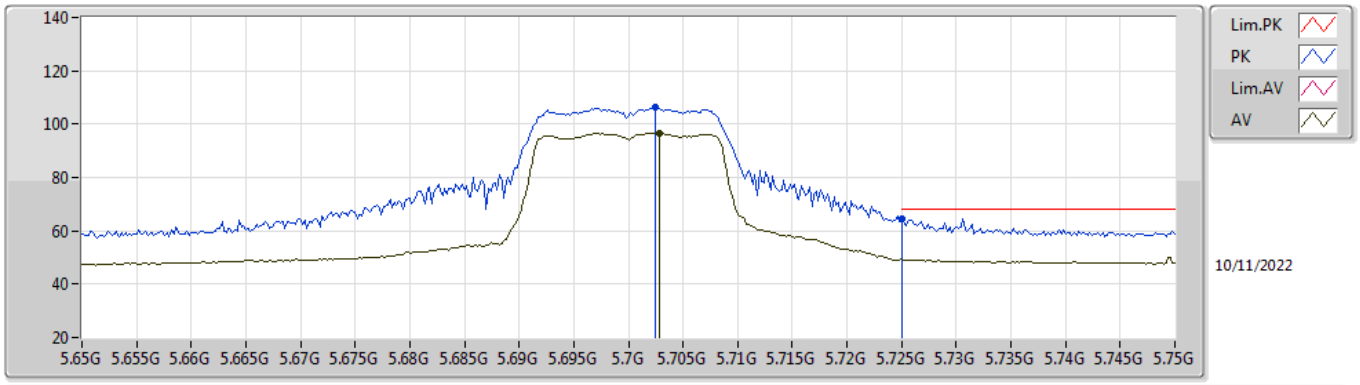


EUT Y_2TX
Setting 21
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.15688G	63.54	74.00	-10.46	48.06	3	Horizontal	217	1.70	-	38.76	8.70	31.98
AV	11.15648G	50.32	54.00	-3.68	34.84	3	Horizontal	217	1.70	-	38.76	8.70	31.98
PK	16.75088G	60.92	68.20	-7.28	40.77	3	Horizontal	23	1.80	-	40.01	10.76	30.62

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

5700MHz_TX

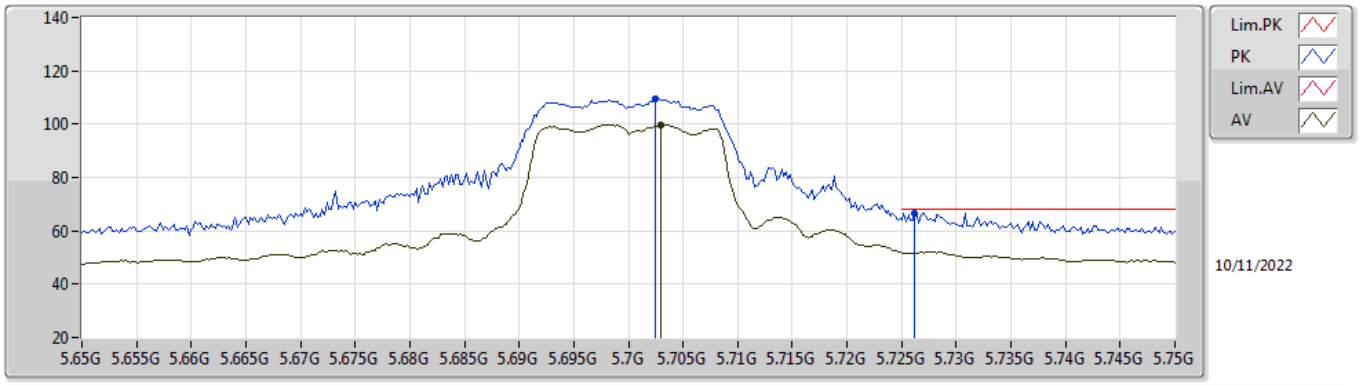


EUT Y_2TX
Setting 17
02-F-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7024G	106.55	Inf	-Inf	97.42	3	Vertical	169	1.58	-	33.90	6.10	30.87
AV	5.7028G	96.67	Inf	-Inf	87.55	3	Vertical	169	1.58	-	33.89	6.10	30.87
PK	5.725G	64.36	68.20	-3.84	55.30	3	Vertical	169	1.58	-	33.85	6.10	30.89

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

5700MHz_TX

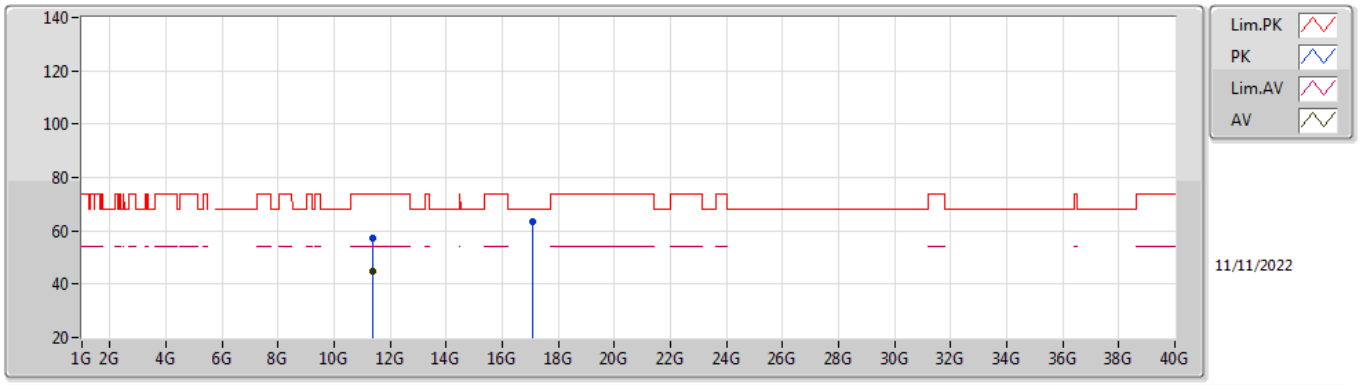


EUT Y_2TX
Setting 17
02-F-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7024G	109.62	Inf	-Inf	100.49	3	Horizontal	140	1.86	-	33.90	6.10	30.87
AV	5.703G	99.77	Inf	-Inf	90.65	3	Horizontal	140	1.86	-	33.89	6.10	30.87
PK	5.7262G	66.81	68.20	-1.39	57.75	3	Horizontal	140	1.86	-	33.85	6.10	30.89

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

5700MHz_TX

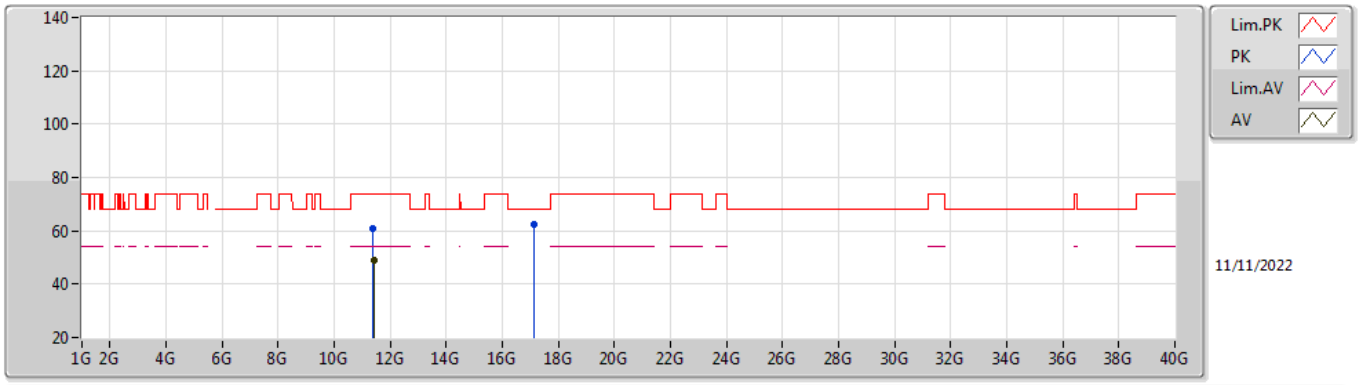


EUT Y_2TX
Setting 17
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.39696G	57.44	74.00	-16.56	41.93	3	Vertical	200	1.80	-	38.80	8.79	32.08
AV	11.3972G	44.96	54.00	-9.04	29.45	3	Vertical	200	1.80	-	38.80	8.79	32.08
PK	17.09648G	63.43	68.20	-4.77	41.41	3	Vertical	350	1.87	-	41.39	10.88	30.25

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

5700MHz_TX

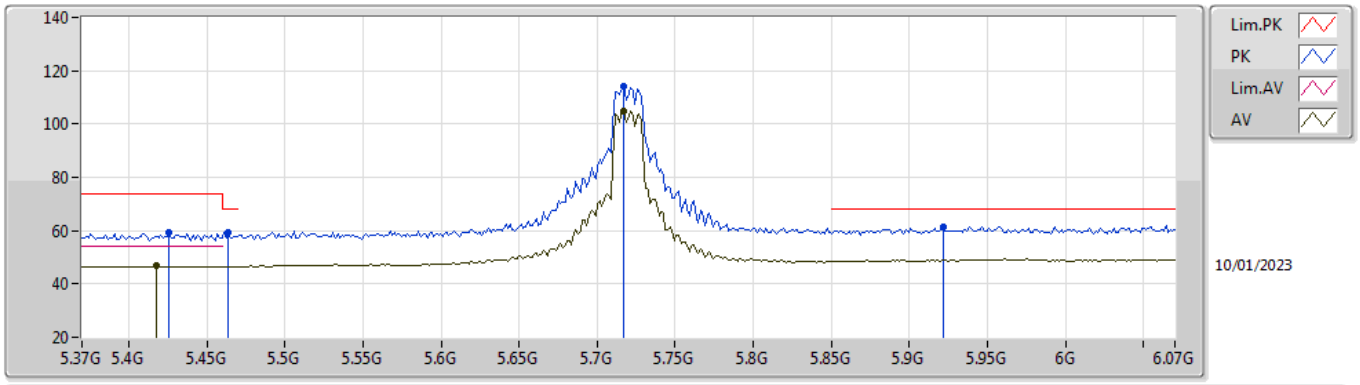


EUT Y_2TX
Setting 17
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.39776G	61.01	74.00	-12.99	45.50	3	Horizontal	215	1.70	-	38.80	8.79	32.08
AV	11.40272G	48.80	54.00	-5.20	33.28	3	Horizontal	215	1.70	-	38.81	8.79	32.08
PK	17.11344G	62.22	68.20	-5.98	40.10	3	Horizontal	268	2.65	-	41.48	10.89	30.25

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

5720MHz Straddle 5.47-5.725GHz_TX

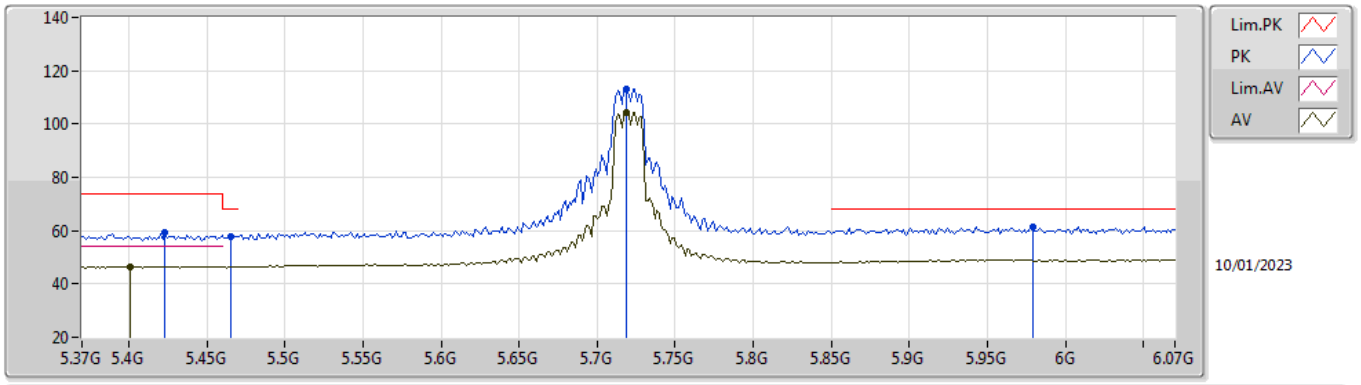


EUT Y_2TX
Setting 21
01-B-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.426G	59.22	74.00	-14.78	51.98	3	Vertical	310	1.50	-	33.80	6.11	32.67
AV	5.4176G	46.65	54.00	-7.35	39.44	3	Vertical	310	1.50	-	33.77	6.11	32.67
PK	5.4638G	59.44	68.20	-8.76	52.01	3	Vertical	310	1.50	-	33.96	6.13	32.66
PK	5.7172G	114.26	Inf	-Inf	106.23	3	Vertical	310	1.50	-	34.50	6.26	32.73
AV	5.7172G	104.81	Inf	-Inf	96.78	3	Vertical	310	1.50	-	34.50	6.26	32.73
PK	5.9216G	61.61	68.20	-6.59	52.67	3	Vertical	310	1.50	-	35.39	6.36	32.81

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

5720MHz Straddle 5.47-5.725GHz_TX

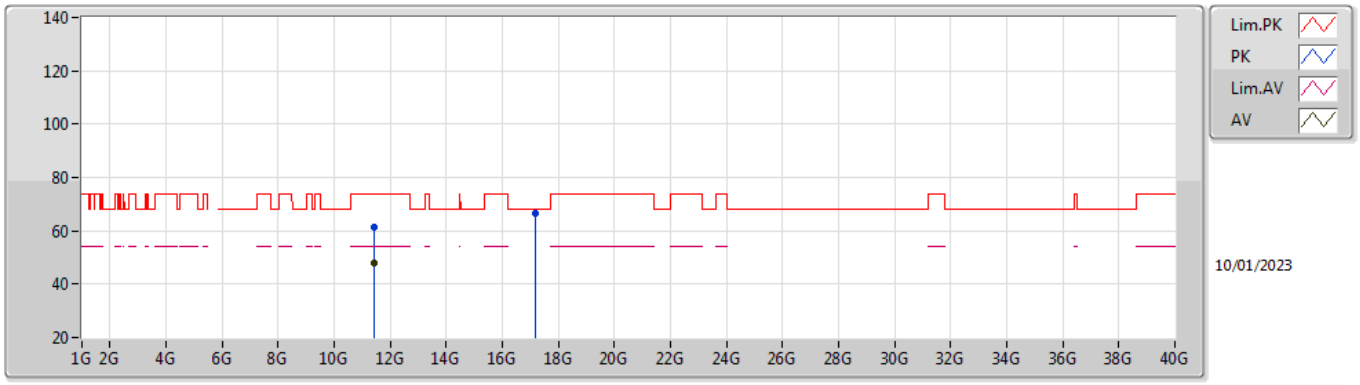


EUT Y_2TX
Setting 21
01-B-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4232G	59.33	74.00	-14.67	52.10	3	Horizontal	310	1.65	-	33.79	6.11	32.67
AV	5.4008G	46.54	54.00	-7.46	39.42	3	Horizontal	310	1.65	-	33.70	6.10	32.68
PK	5.4652G	57.98	68.20	-10.22	50.54	3	Horizontal	310	1.65	-	33.96	6.13	32.65
PK	5.7186G	113.03	Inf	-Inf	105.00	3	Horizontal	310	1.65	-	34.50	6.26	32.73
AV	5.7186G	104.38	Inf	-Inf	96.35	3	Horizontal	310	1.65	-	34.50	6.26	32.73
PK	5.979G	61.50	68.20	-6.70	52.44	3	Horizontal	310	1.65	-	35.50	6.39	32.83

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

5720MHz Straddle 5.47-5.725GHz_TX

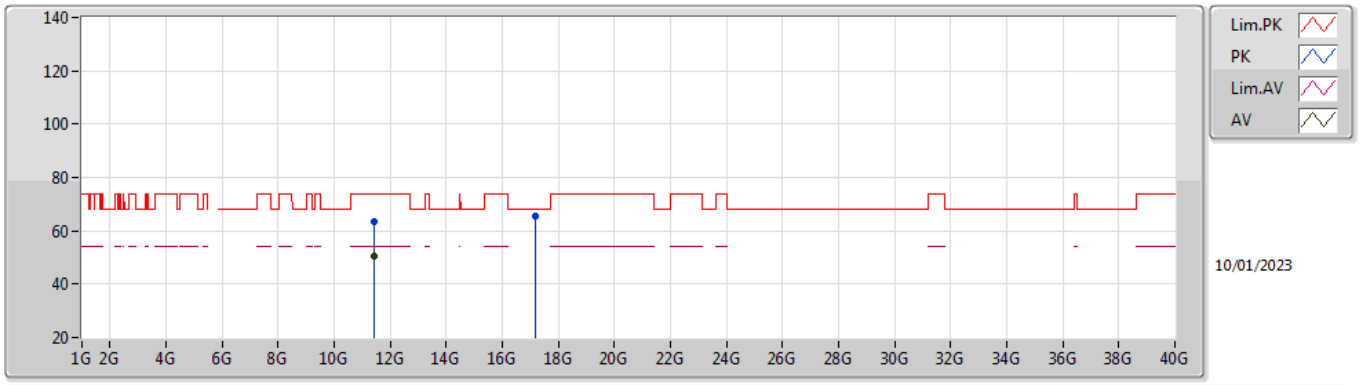


EUT Y_2TX
Setting 16
01-B-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4373G	61.48	74.00	-12.52	45.59	3	Vertical	30	2.13	-	38.80	8.87	31.78
AV	11.43718G	48.08	54.00	-5.92	32.19	3	Vertical	30	2.13	-	38.80	8.87	31.78
PK	17.1561G	66.62	68.20	-1.58	43.65	3	Vertical	358	2.54	-	41.86	11.16	30.05

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

5720MHz Straddle 5.47-5.725GHz_TX

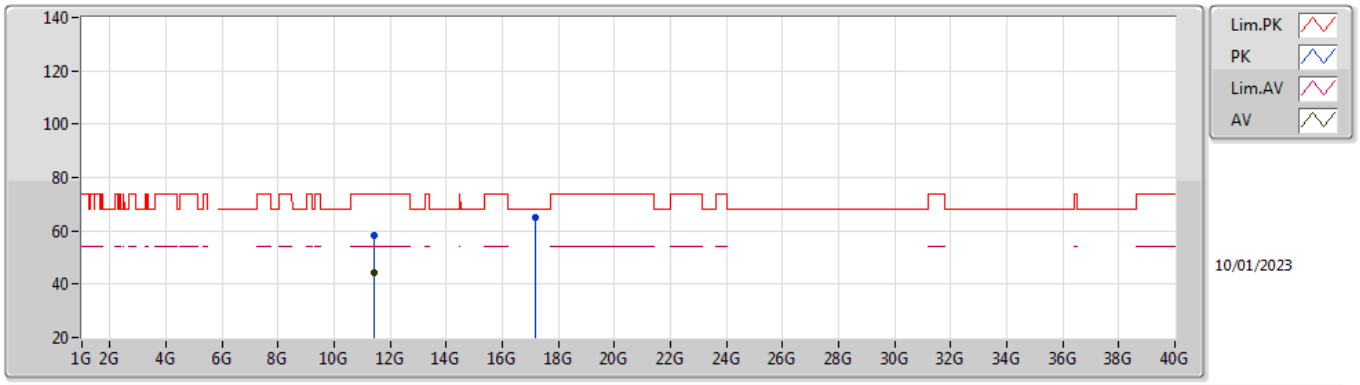


EUT Y_2TX
Setting 16
01-B-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.43214G	63.46	74.00	-10.54	47.57	3	Horizontal	38	1.57	-	38.80	8.87	31.78
AV	11.43718G	50.33	54.00	-3.67	34.44	3	Horizontal	38	1.57	-	38.80	8.87	31.78
PK	17.1567G	65.67	68.20	-2.53	42.70	3	Horizontal	62	1.54	-	41.86	11.16	30.05

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

5720MHz Straddle 5.725-5.85GHz_TX

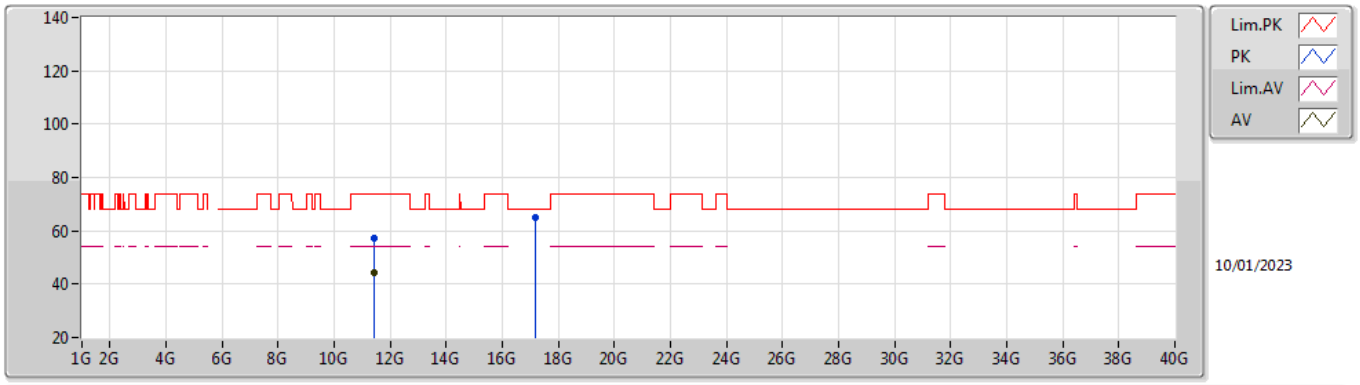


EUT Y_2TX
Setting 21
01-B-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.43562G	58.15	74.00	-15.85	42.26	3	Vertical	335	2.66	-	38.80	8.87	31.78
AV	11.434G	44.41	54.00	-9.59	28.52	3	Vertical	335	2.66	-	38.80	8.87	31.78
PK	17.16222G	64.85	68.20	-3.35	41.89	3	Vertical	295	1.80	-	41.86	11.16	30.06

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

5720MHz Straddle 5.725-5.85GHz_TX

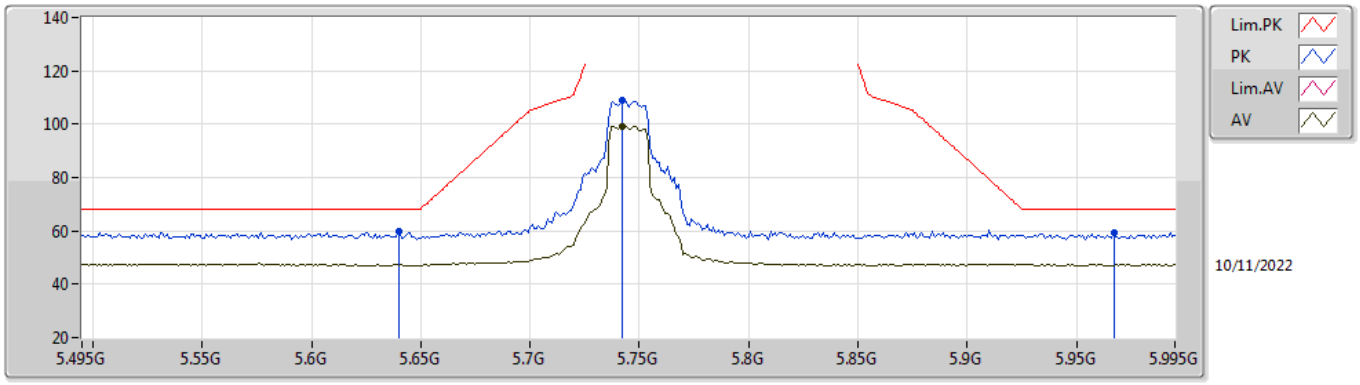


EUT Y_2TX
Setting 21
01-B-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4271G	57.33	74.00	-16.67	41.44	3	Horizontal	132	2.00	-	38.80	8.87	31.78
AV	11.4304G	44.08	54.00	-9.92	28.19	3	Horizontal	132	2.00	-	38.80	8.87	31.78
PK	17.17356G	65.13	68.20	-3.07	42.17	3	Horizontal	182	1.80	-	41.87	11.17	30.08

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

5745MHz_TX

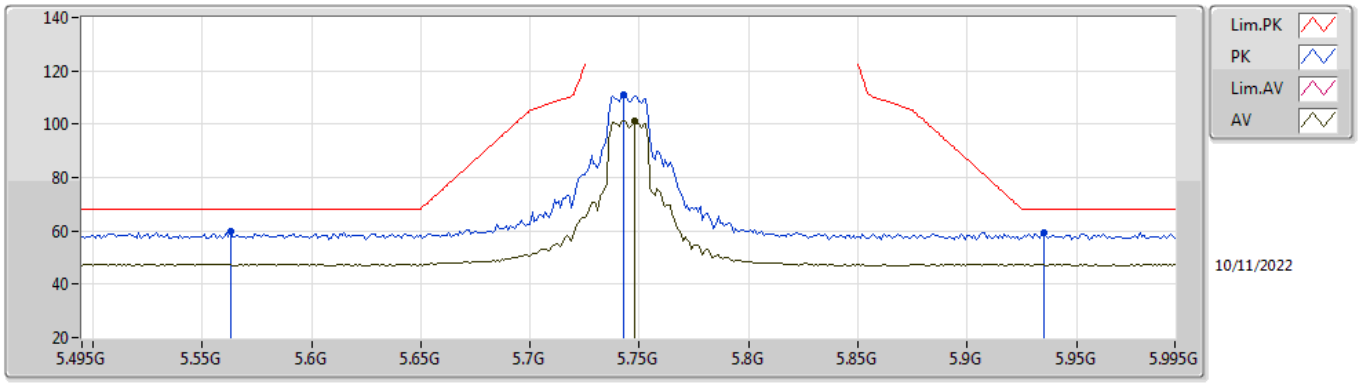


EUT Y_2TX
Setting 21
02-F-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.64G	59.60	68.20	-8.60	50.51	3	Vertical	168	1.80	-	33.82	6.10	30.83
PK	5.742G	108.96	Inf	-Inf	99.94	3	Vertical	168	1.80	-	33.82	6.10	30.90
AV	5.742G	99.33	Inf	-Inf	90.31	3	Vertical	168	1.80	-	33.82	6.10	30.90
PK	5.967G	59.19	68.20	-9.01	49.79	3	Vertical	168	1.80	-	34.20	6.27	31.07

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

5745MHz_TX

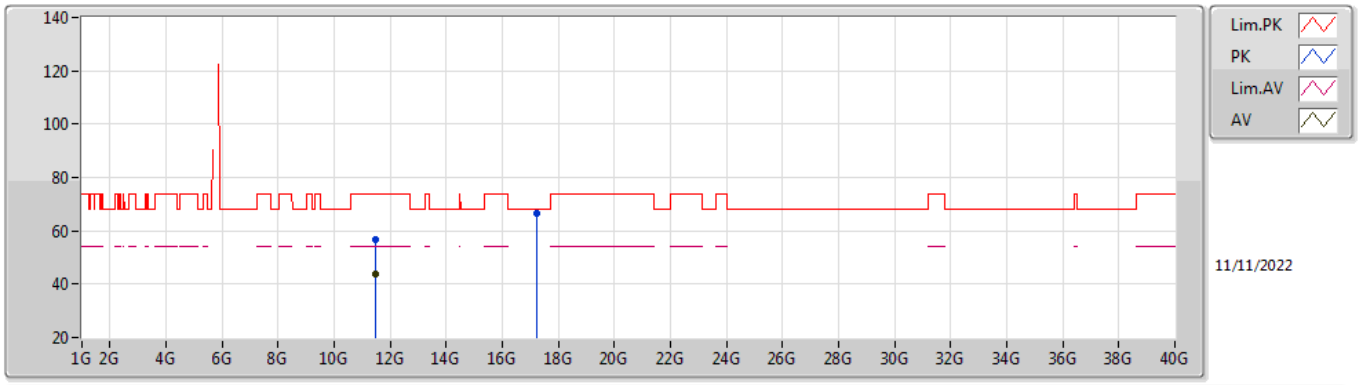


EUT Y_2TX
Setting 21
02-F-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.563G	59.70	68.20	-8.50	50.44	3	Horizontal	138	1.81	-	33.97	6.06	30.77
PK	5.743G	110.95	Inf	-Inf	101.94	3	Horizontal	138	1.81	-	33.81	6.10	30.90
AV	5.748G	101.45	Inf	-Inf	92.46	3	Horizontal	138	1.81	-	33.80	6.10	30.91
PK	5.935G	59.14	68.20	-9.06	49.79	3	Horizontal	138	1.81	-	34.17	6.23	31.05

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

5745MHz_TX

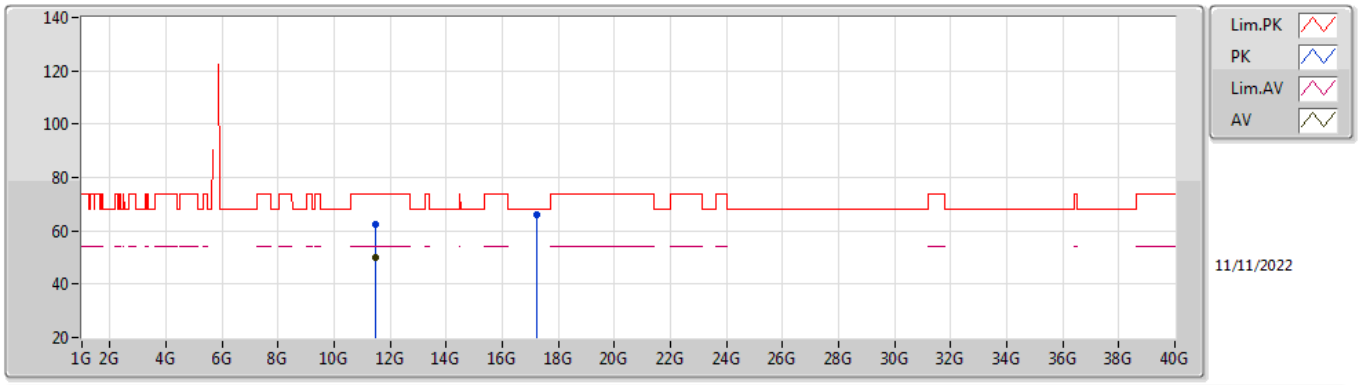


EUT Y_2TX
Setting 21
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.49256G	56.73	74.00	-17.27	41.04	3	Vertical	224	1.80	-	38.99	8.82	32.12
AV	11.49184G	43.95	54.00	-10.05	28.27	3	Vertical	224	1.80	-	38.98	8.82	32.12
PK	17.2354G	66.81	68.20	-1.39	43.94	3	Vertical	157	1.80	-	42.18	10.93	30.24

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

5745MHz_TX

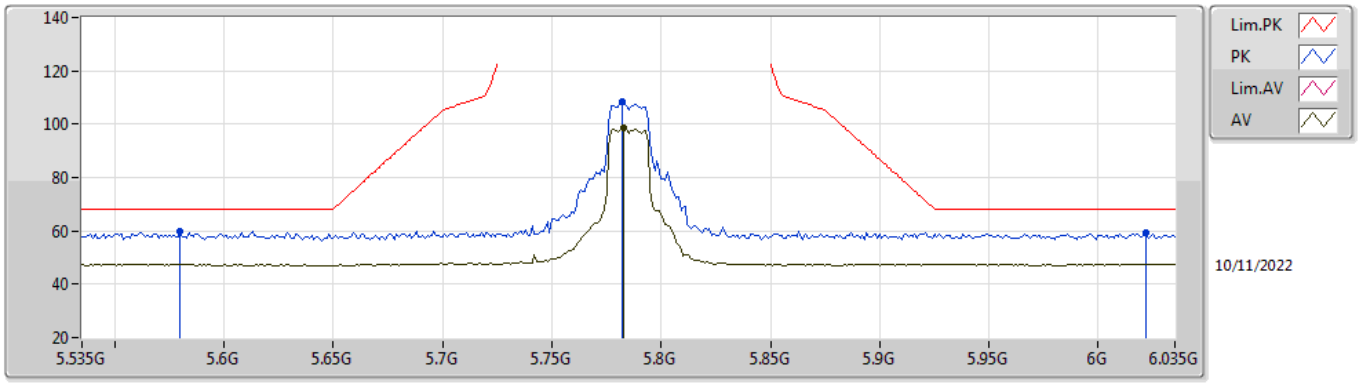


EUT Y_2TX
Setting 21
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.49136G	62.64	74.00	-11.36	46.96	3	Horizontal	210	1.86	-	38.98	8.82	32.12
AV	11.49168G	49.99	54.00	-4.01	34.31	3	Horizontal	210	1.86	-	38.98	8.82	32.12
PK	17.23556G	65.91	68.20	-2.29	43.04	3	Horizontal	123	1.62	-	42.18	10.93	30.24

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

5785MHz_TX

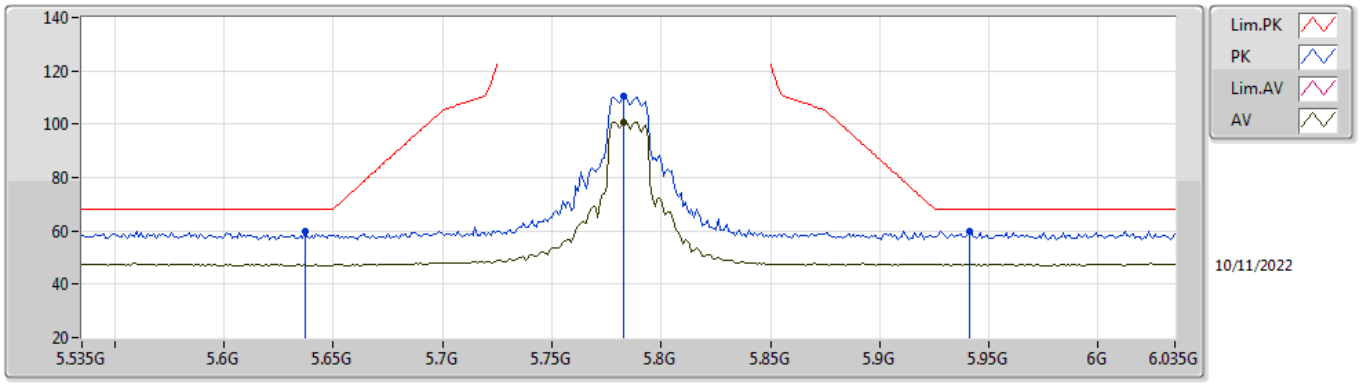


EUT Y_2TX
Setting 21
02-F-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.58G	59.60	68.20	-8.60	50.36	3	Vertical	173	2.24	-	33.94	6.08	30.78
PK	5.782G	108.49	Inf	-Inf	99.52	3	Vertical	173	2.24	-	33.80	6.10	30.93
AV	5.783G	98.56	Inf	-Inf	89.60	3	Vertical	173	2.24	-	33.80	6.10	30.94
PK	6.022G	59.47	68.20	-8.73	50.04	3	Vertical	173	2.24	-	34.24	6.30	31.11

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

5785MHz_TX

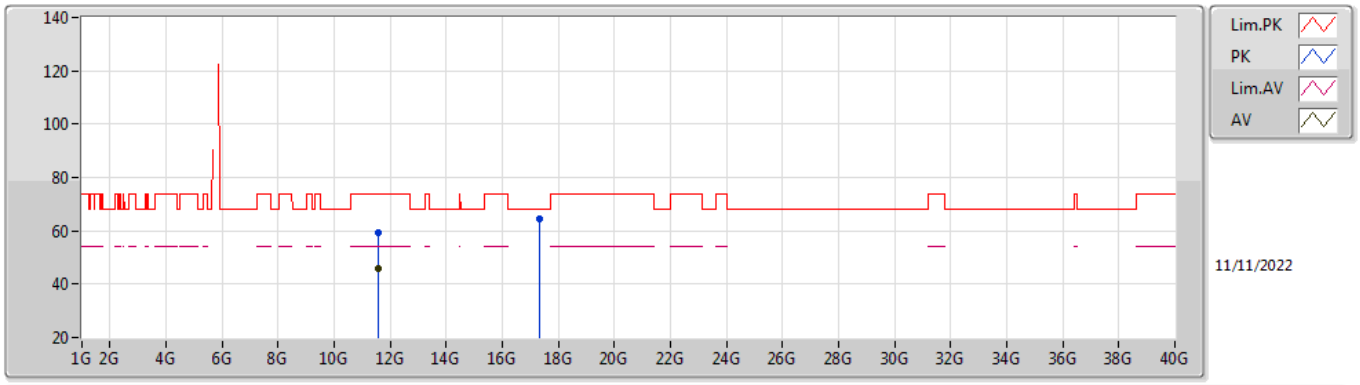


EUT Y_2TX
Setting 21
02-F-G-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.637G	59.76	68.20	-8.44	50.65	3	Horizontal	139	1.94	-	33.83	6.10	30.82
PK	5.783G	110.41	Inf	-Inf	101.45	3	Horizontal	139	1.94	-	33.80	6.10	30.94
AV	5.783G	100.88	Inf	-Inf	91.92	3	Horizontal	139	1.94	-	33.80	6.10	30.94
PK	5.941G	59.80	68.20	-8.40	50.44	3	Horizontal	139	1.94	-	34.18	6.24	31.06

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

5785MHz_TX

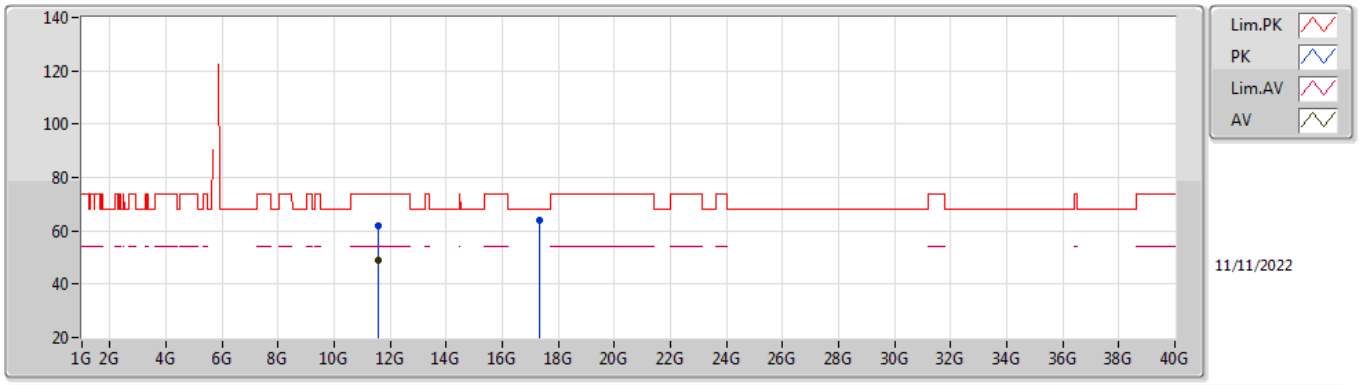


EUT Y_2TX
Setting 21
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.57048G	59.10	74.00	-14.90	43.20	3	Vertical	194	1.56	-	39.21	8.85	32.16
AV	11.57072G	45.79	54.00	-8.21	29.89	3	Vertical	194	1.56	-	39.21	8.85	32.16
PK	17.35092G	64.63	68.20	-3.57	41.07	3	Vertical	135	1.80	-	42.81	10.97	30.22

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

5785MHz_TX



EUT Y_2TX
Setting 21
02-F-W-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5712G	61.88	74.00	-12.12	45.98	3	Horizontal	207	1.62	-	39.21	8.85	32.16
AV	11.57128G	48.80	54.00	-5.20	32.90	3	Horizontal	207	1.62	-	39.21	8.85	32.16
PK	17.34572G	63.77	68.20	-4.43	40.26	3	Horizontal	77	1.80	-	42.77	10.97	30.23