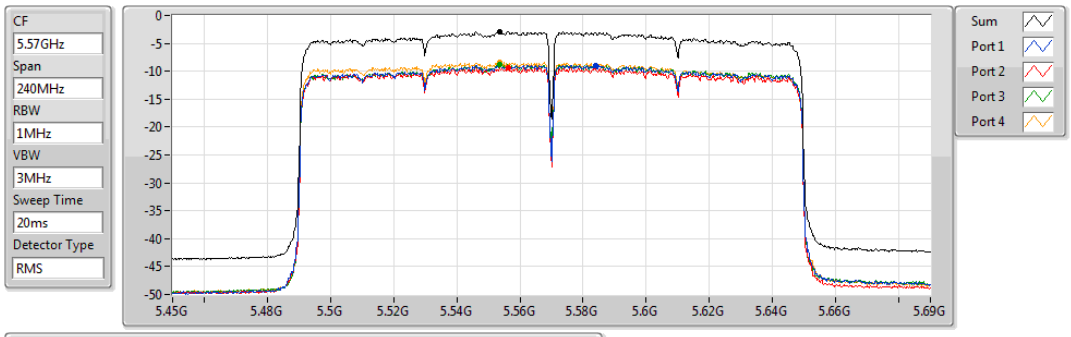
802.11ax HEW160_Nss1,(MCS0)_4TX **PSD**

5570MHz

07/03/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.86	-2.86	-8.89	-9.33	-8.86	-8.34

For Beamforming / 4T1S mode
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-4.98
5.25-5.35GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	7.10
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.34
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	0.12
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-4.42
5.47-5.725GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	7.56
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.79
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	1.83
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-5.01
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	5.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	2.21
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-1.14

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

Result

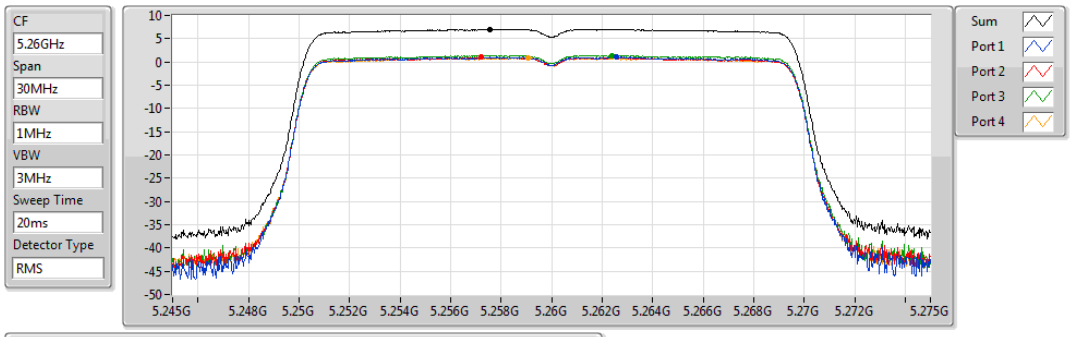
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	9.02	1.03	1.01	1.41	0.91	7.01	7.98
5300MHz	Pass	9.02	1.06	1.24	1.34	1.08	7.10	7.98
5320MHz	Pass	9.02	1.01	1.10	1.28	0.81	6.99	7.98
5500MHz	Pass	9.02	0.35	1.13	1.56	1.07	7.01	7.98
5580MHz	Pass	9.02	0.30	1.18	2.00	1.32	7.20	7.98
5700MHz	Pass	9.02	-2.35	-1.32	-0.79	-1.44	4.50	7.98
5720MHz Straddle 5.47-5.725GHz	Pass	9.02	0.86	1.39	2.55	1.34	7.56	7.98
5720MHz Straddle 5.725-5.85GHz	Pass	9.02	-1.65	-0.91	-0.12	-1.22	5.00	26.98
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	9.02	-2.04	-1.62	-1.30	-1.54	4.34	7.98
5310MHz	Pass	9.02	-3.97	-3.52	-3.40	-3.48	2.36	7.98
5510MHz	Pass	9.02	-7.58	-6.53	-6.39	-5.67	-0.58	7.98
5550MHz	Pass	9.02	-2.95	-1.95	-1.71	-1.13	3.98	7.98
5670MHz	Pass	9.02	-3.21	-2.60	-1.60	-2.09	3.60	7.98
5710MHz Straddle 5.47-5.725GHz	Pass	9.02	-2.21	-1.33	-0.46	-0.86	4.79	7.98
5710MHz Straddle 5.725-5.85GHz	Pass	9.02	-4.96	-3.71	-3.02	-3.70	2.21	26.98
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	9.02	-6.10	-5.65	-5.08	-6.59	0.12	7.98
5530MHz	Pass	9.02	-7.46	-6.13	-5.91	-6.21	-0.48	7.98
5610MHz	Pass	9.02	-5.58	-4.79	-4.14	-4.74	1.14	7.98
5690MHz Straddle 5.47-5.725GHz	Pass	9.02	-4.88	-4.10	-3.34	-4.31	1.83	7.98
5690MHz Straddle 5.725-5.85GHz	Pass	9.02	-7.74	-6.69	-6.52	-7.27	-1.14	26.98
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	9.02	-10.94	-10.56	-11.12	-10.97	-4.98	13.98
5250MHz Straddle 5.25-5.35GHz	Pass	9.02	-10.81	-10.32	-9.99	-10.09	-4.42	7.98
5570MHz	Pass	9.02	-11.74	-11.41	-10.48	-10.49	-5.01	7.98

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 Xpower density;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5260MHz

06/03/2019

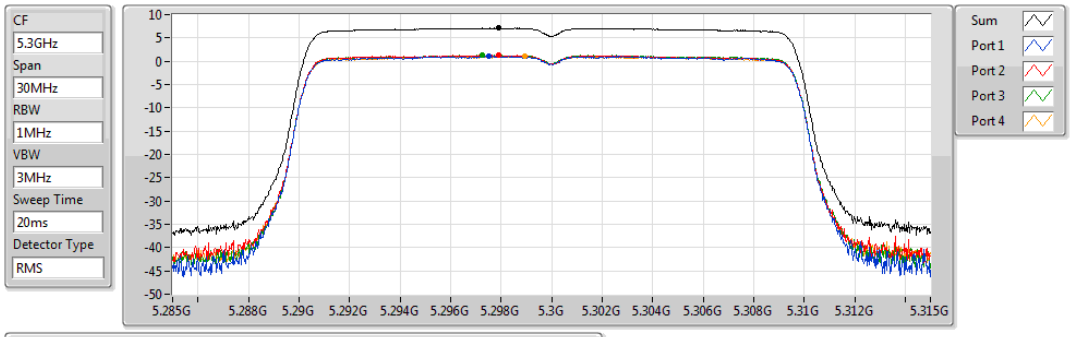


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.01	7.01	1.03	1.01	1.41	0.91

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5300MHz

06/03/2019

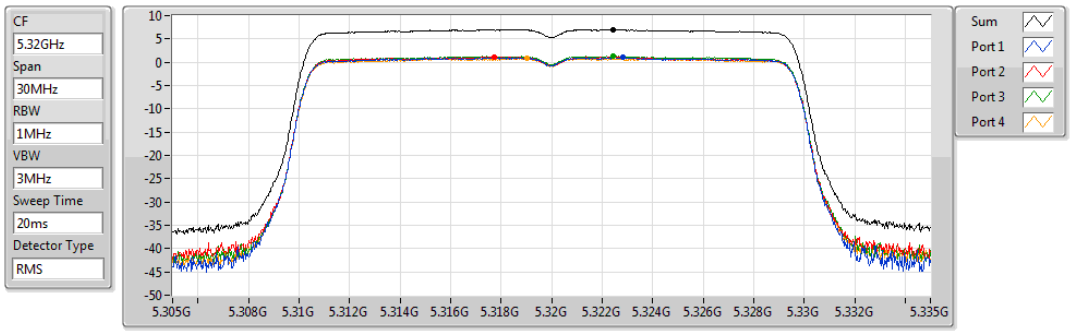


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.10	7.10	1.06	1.24	1.34	1.08

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5320MHz

06/03/2019

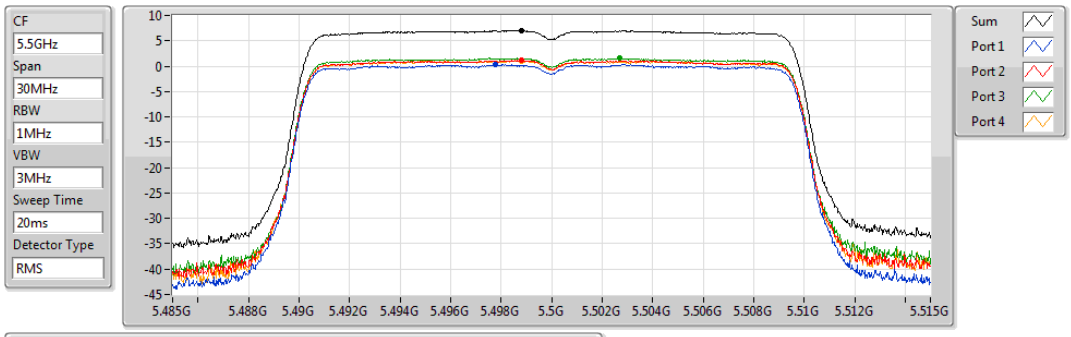


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.99	6.99	1.01	1.10	1.28	0.81

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5500MHz

06/03/2019

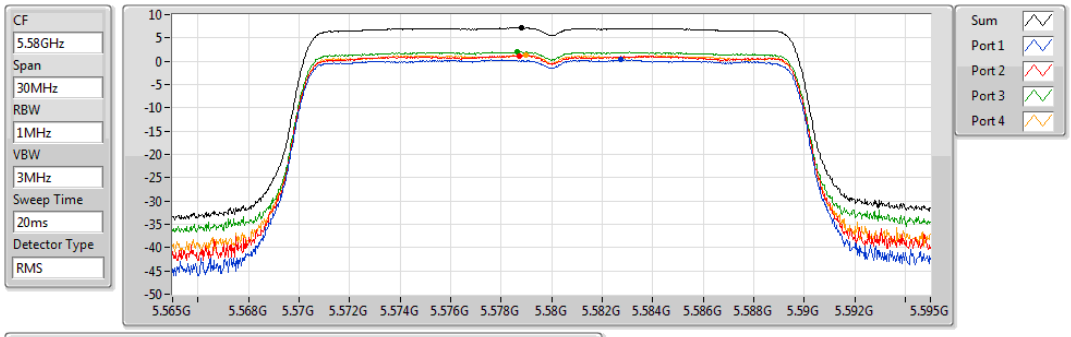


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.01	7.01	0.35	1.13	1.56	1.07

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5580MHz

06/03/2019

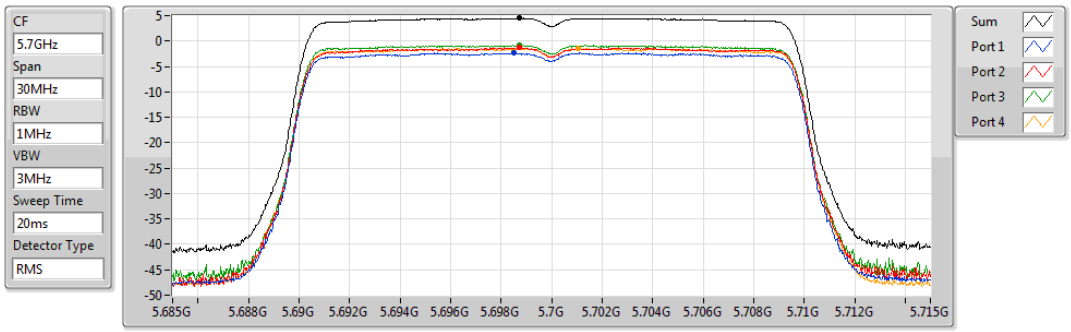


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.20	7.20	0.30	1.18	2.00	1.32

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5700MHz

27/02/2019

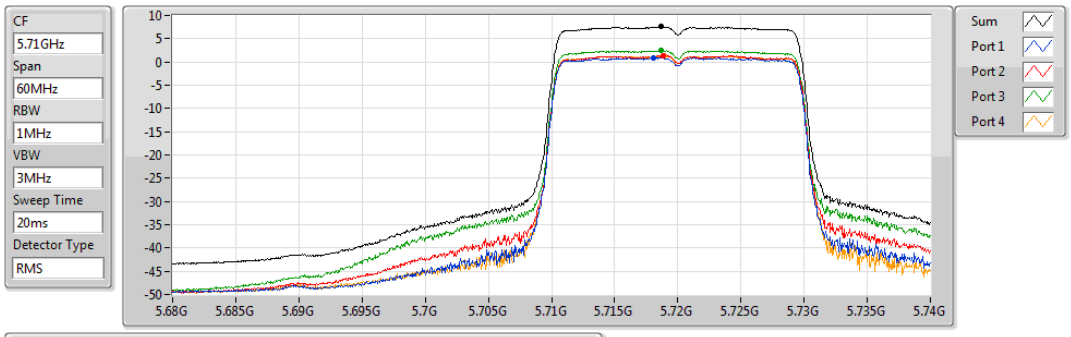


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.50	4.50	-2.35	-1.32	-0.79	-1.44

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.47-5.725GHz

06/03/2019

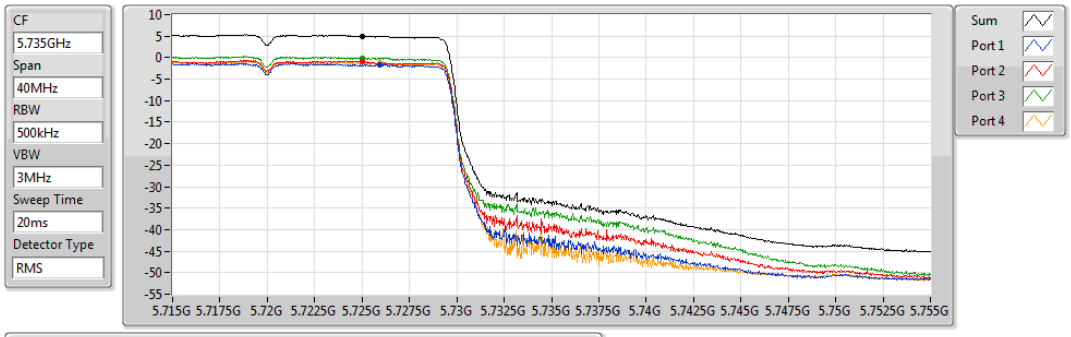


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.56	7.56	0.86	1.39	2.55	1.34

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.725-5.85GHz

06/03/2019

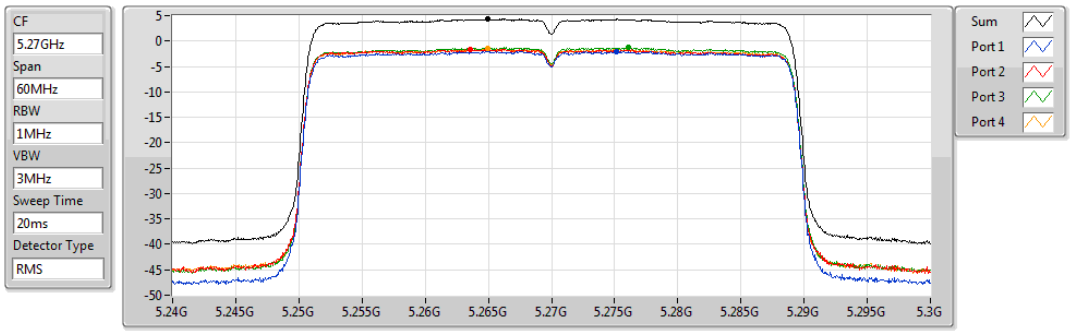


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.00	5.00	-1.65	-0.91	-0.12	-1.22

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5270MHz

06/03/2019

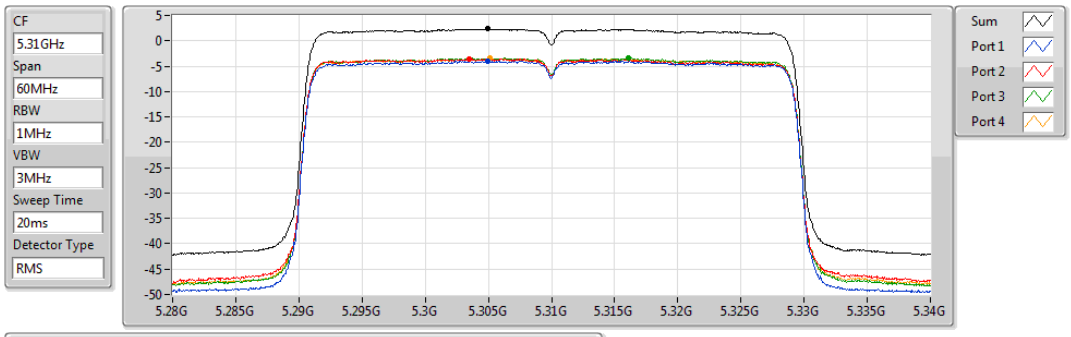


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.34	4.34	-2.04	-1.62	-1.30	-1.54

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5310MHz

06/03/2019

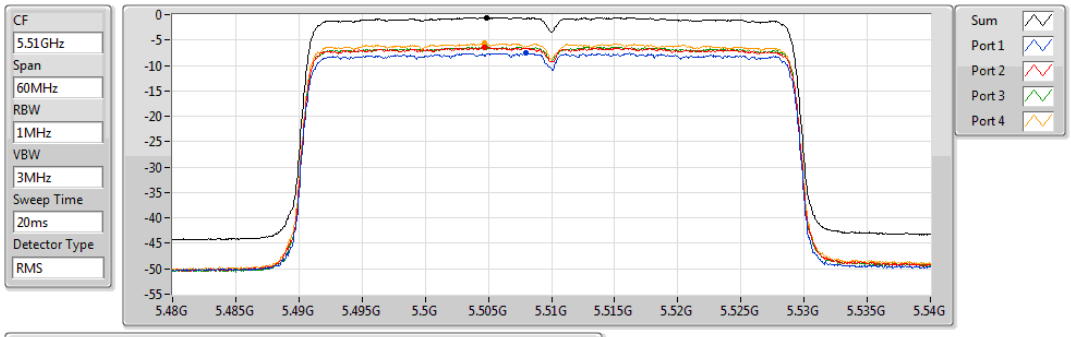


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.36	2.36	-3.97	-3.52	-3.40	-3.48

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5510MHz

06/03/2019

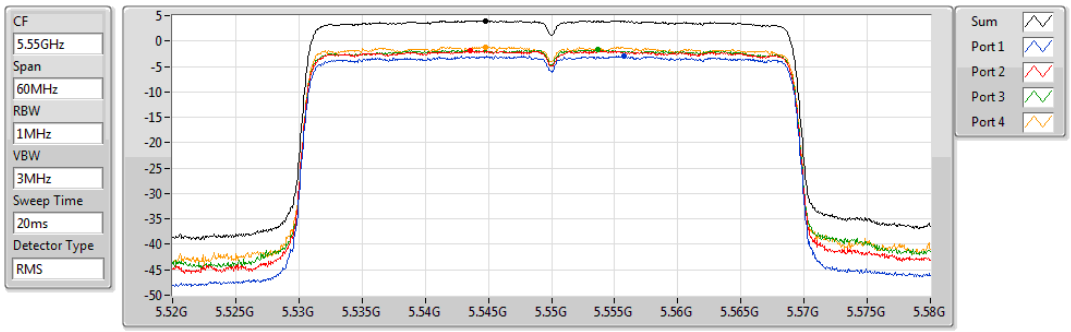


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.58	-0.58	-7.58	-6.53	-6.39	-5.67

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5550MHz

06/03/2019

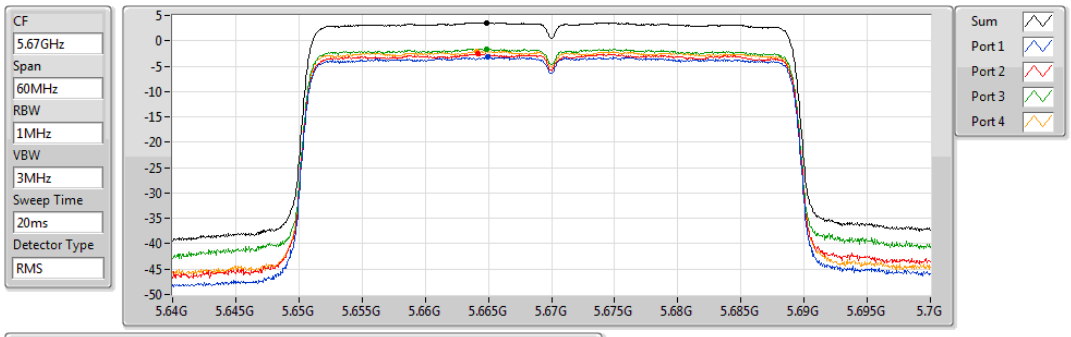


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.98	3.98	-2.95	-1.95	-1.71	-1.13

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5670MHz

06/03/2019

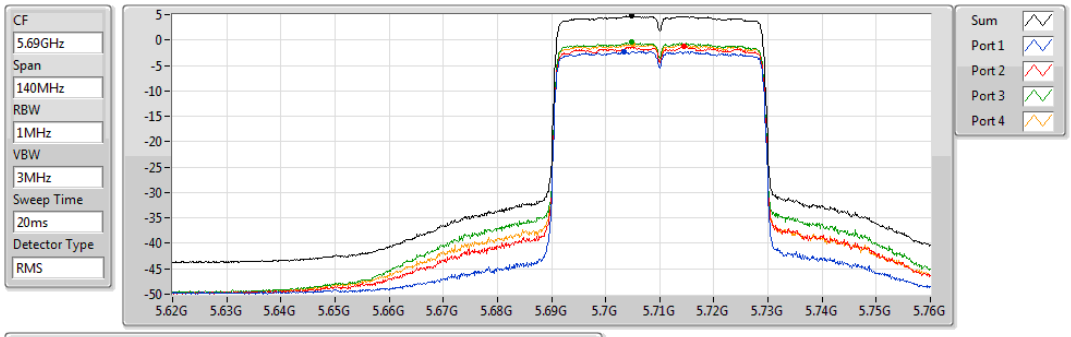


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.60	3.60	-3.21	-2.60	-1.60	-2.09

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5710MHz Straddle 5.47-5.725GHz

06/03/2019

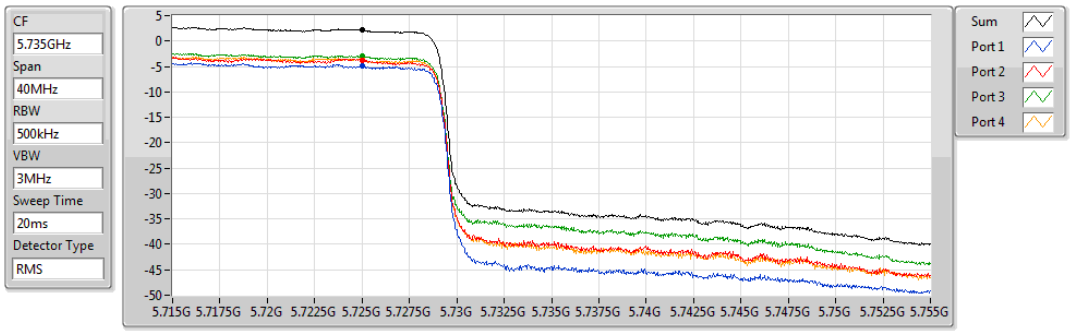


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.79	4.79	-2.21	-1.33	-0.46	-0.86

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5710MHz Straddle 5.725-5.85GHz

06/03/2019

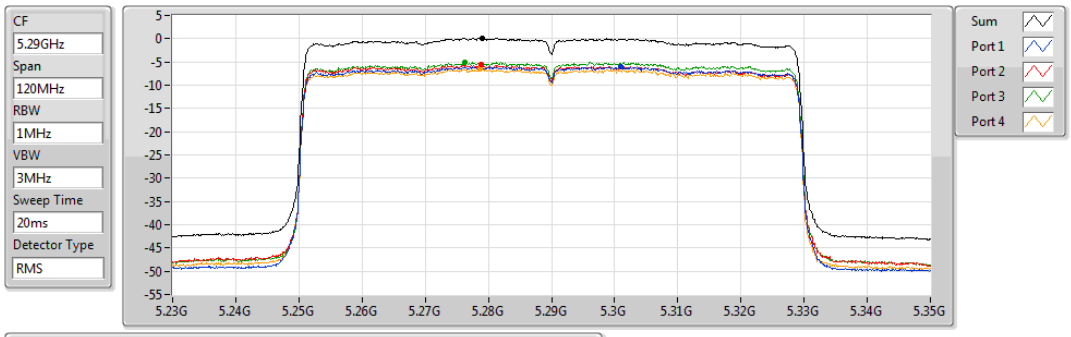


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.21	2.21	-4.96	-3.71	-3.02	-3.70

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5290MHz

06/03/2019

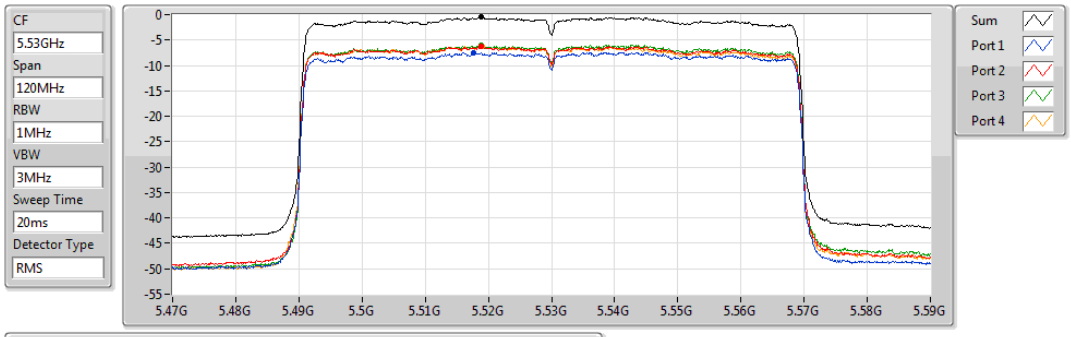


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.12	0.12	-6.10	-5.65	-5.08	-6.59

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5530MHz

06/03/2019

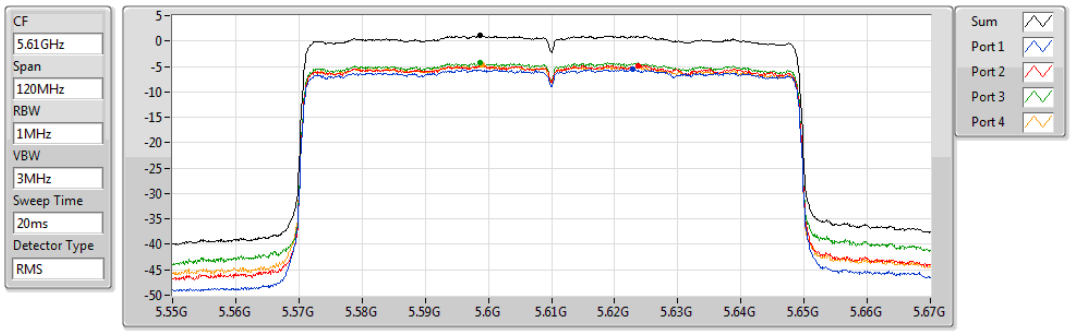


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.48	-0.48	-7.46	-6.13	-5.91	-6.21

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5610MHz

06/03/2019

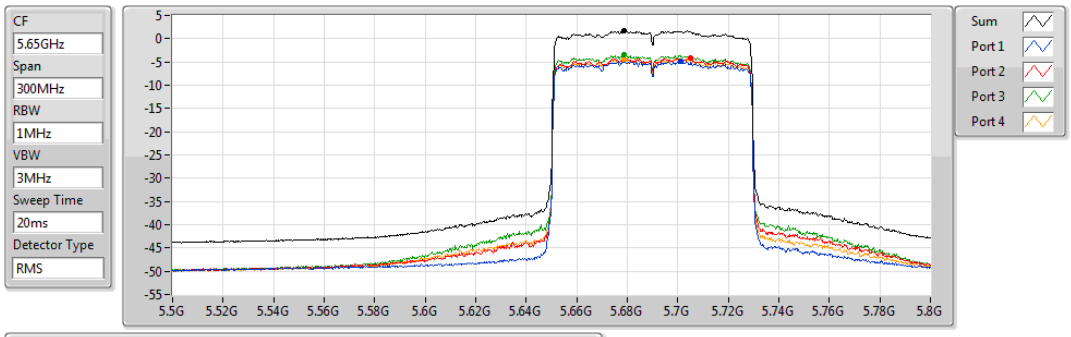


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.14	1.14	-5.58	-4.79	-4.14	-4.74

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.47-5.725GHz

06/03/2019

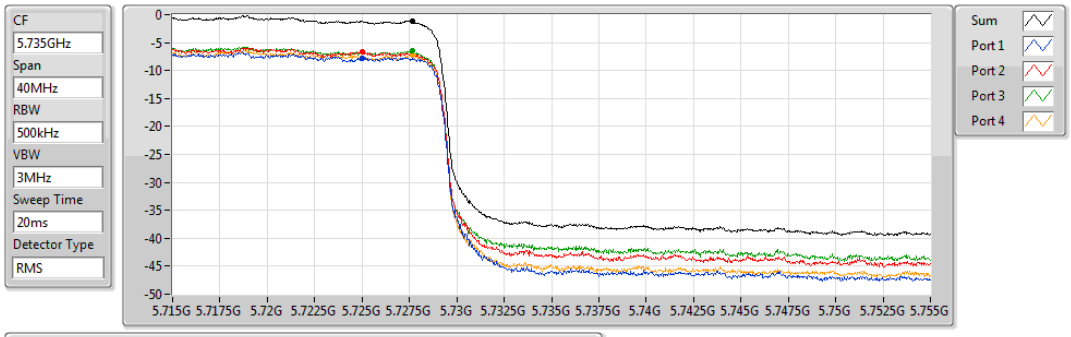


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.83	1.83	-4.88	-4.10	-3.34	-4.31

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.725-5.85GHz

06/03/2019

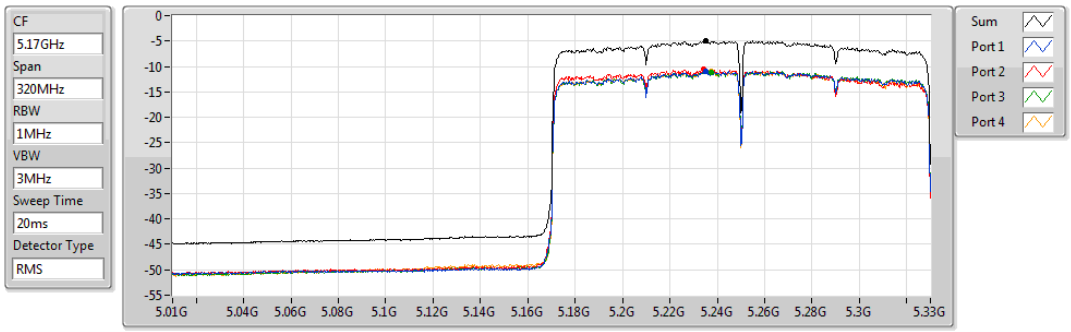


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.14	-1.14	-7.74	-6.69	-6.52	-7.27

802.11ax HEW160-BF_Nss1,(MCS0)_4TX PSD

5250MHz Straddle 5.15-5.25GHz

29/04/2019

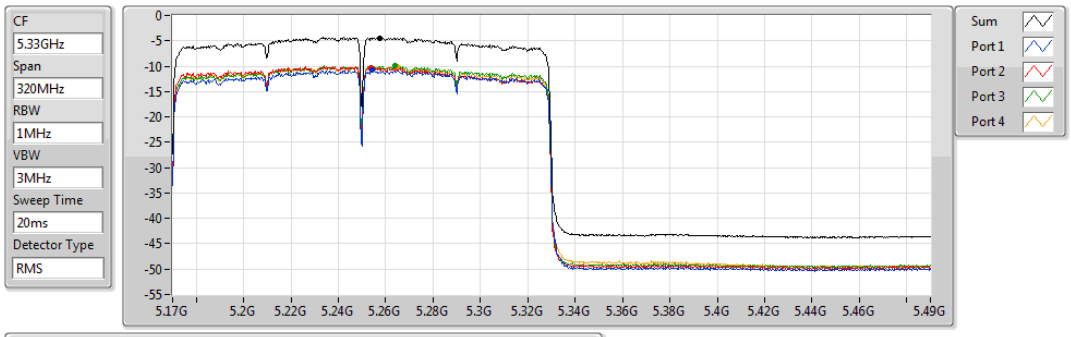


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.98	-4.98	-10.94	-10.56	-11.12	-10.97

802.11ax HEW160-BF_Nss1,(MCS0)_4TX PSD

5250MHz Straddle 5.25-5.35GHz

29/04/2019

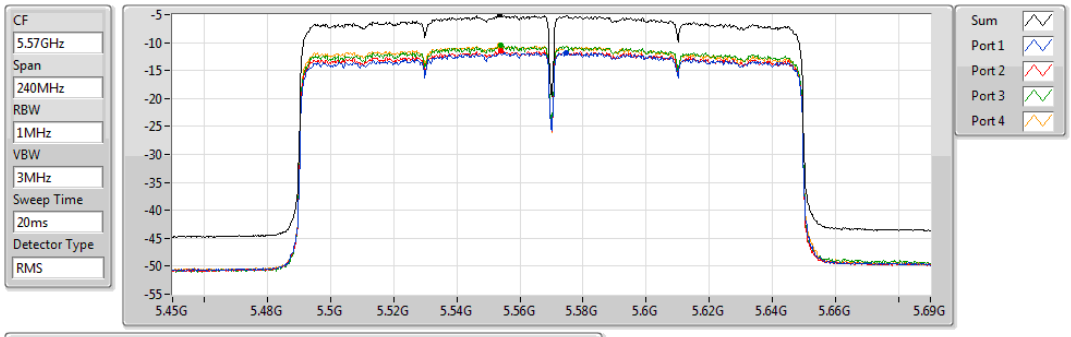


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.42	-4.42	-10.81	-10.32	-9.99	-10.09

802.11ax HEW160-BF_Nss1,(MCS0)_4TX PSD

5570MHz

06/03/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.01	-5.01	-11.74	-11.41	-10.48	-10.49

For Non-beamforming / 4T4S mode
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss4,(MCS0)_4TX	-4.01
5.25-5.35GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	10.29
802.11ax HEW40_Nss4,(MCS0)_4TX	7.93
802.11ax HEW80_Nss4,(MCS0)_4TX	0.38
802.11ax HEW160_Nss4,(MCS0)_4TX	-3.70
5.47-5.725GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	10.92
802.11ax HEW40_Nss4,(MCS0)_4TX	7.94
802.11ax HEW80_Nss4,(MCS0)_4TX	5.25
802.11ax HEW160_Nss4,(MCS0)_4TX	-2.92
5.725-5.85GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	9.07
802.11ax HEW40_Nss4,(MCS0)_4TX	5.98
802.11ax HEW80_Nss4,(MCS0)_4TX	2.41

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

Result

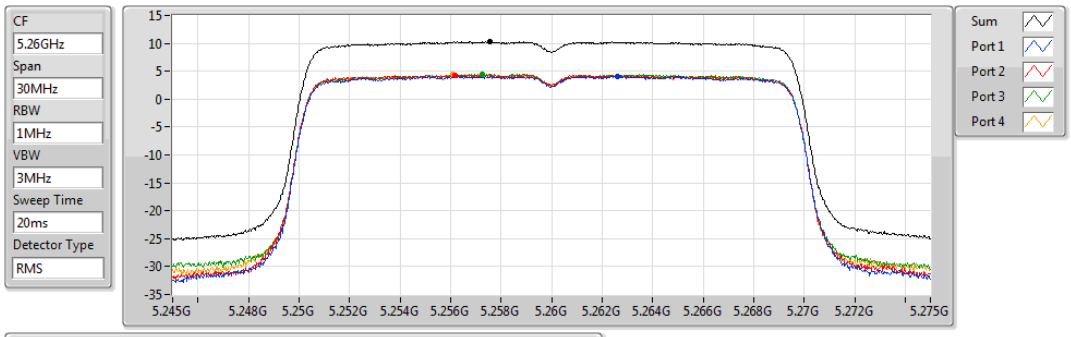
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	3.00	4.14	4.33	4.49	4.49	10.29	11.00
5300MHz	Pass	3.00	4.29	4.40	4.16	4.16	10.16	11.00
5320MHz	Pass	3.00	2.82	2.68	2.21	2.76	8.47	11.00
5500MHz	Pass	3.00	1.03	1.00	0.67	2.04	7.10	11.00
5580MHz	Pass	3.00	3.65	3.91	4.35	5.10	10.20	11.00
5700MHz	Pass	3.00	0.04	0.34	0.62	1.40	6.52	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	4.47	4.99	5.06	5.43	10.92	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.00	2.88	3.15	3.01	3.39	9.07	30.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	3.00	1.77	2.25	2.20	2.05	7.93	11.00
5310MHz	Pass	3.00	-2.33	-2.04	-2.39	-2.70	3.56	11.00
5510MHz	Pass	3.00	-3.53	-3.54	-3.19	-1.89	2.92	11.00
5550MHz	Pass	3.00	0.96	1.58	1.47	2.53	7.47	11.00
5670MHz	Pass	3.00	-1.54	-0.74	-1.01	-0.12	5.07	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	3.00	1.13	2.50	2.03	2.38	7.94	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	3.00	-0.66	0.52	0.09	0.36	5.98	30.00
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	3.00	-5.53	-5.49	-5.17	-5.73	0.38	11.00
5530MHz	Pass	3.00	-5.73	-5.72	-5.56	-4.29	0.62	11.00
5610MHz	Pass	3.00	-2.63	-2.16	-2.11	-1.27	3.86	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	3.00	-1.21	-0.71	-0.29	-0.17	5.25	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	3.00	-3.75	-3.50	-3.81	-3.14	2.41	30.00
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.00	-9.86	-9.88	-10.07	-9.66	-4.01	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.00	-9.30	-9.98	-9.84	-9.53	-3.70	11.00
5570MHz	Pass	3.00	-8.83	-9.16	-8.71	-8.49	-2.92	11.00

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

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

5260MHz

27/02/2019

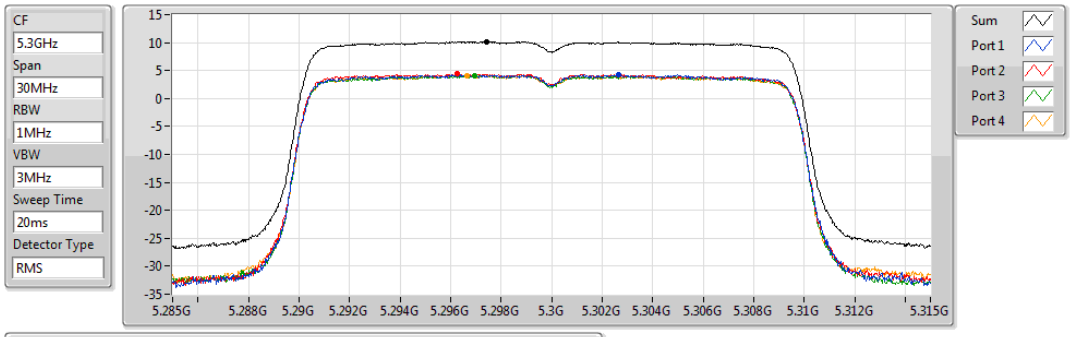


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.29	10.29	4.14	4.33	4.49	4.49

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

5300MHz

27/02/2019

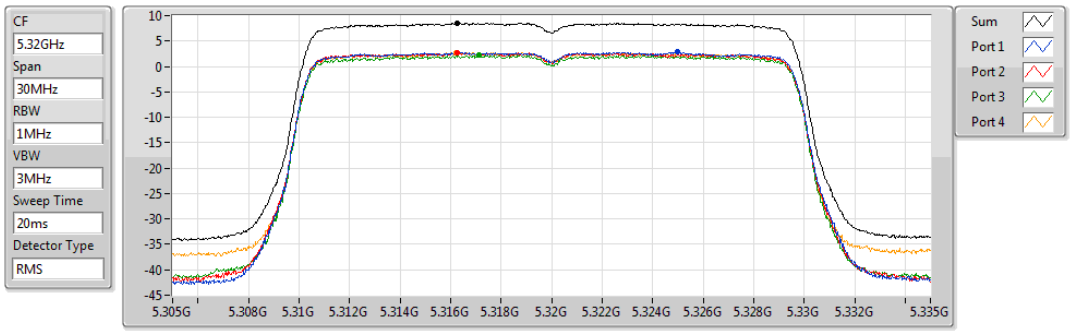


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.16	10.16	4.29	4.40	4.16	4.16

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

5320MHz

07/03/2019

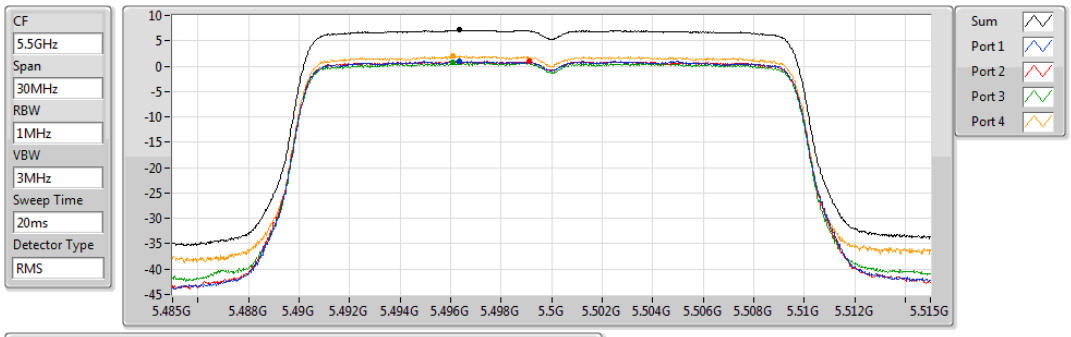


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.47	8.47	2.82	2.68	2.21	2.76

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

5500MHz

27/02/2019

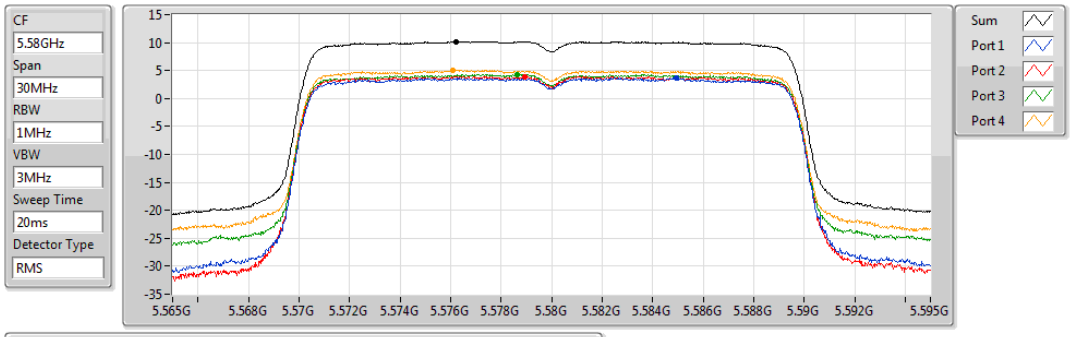


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.10	7.10	1.03	1.00	0.67	2.04

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

5580MHz

27/02/2019

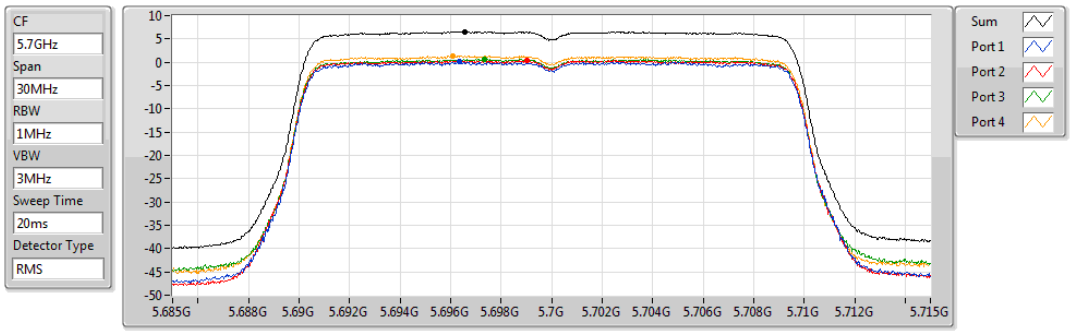


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.20	10.20	3.65	3.91	4.35	5.10

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

5700MHz

07/03/2019

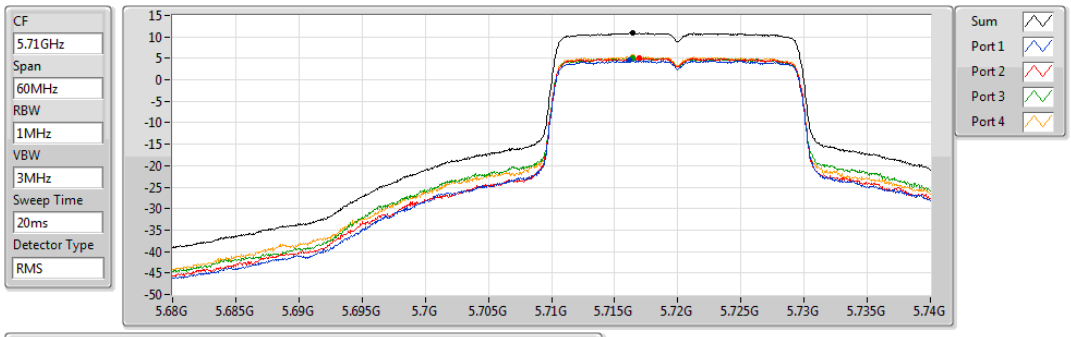


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.52	6.52	0.04	0.34	0.62	1.40

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

5720MHz Straddle 5.47-5.725GHz

27/02/2019

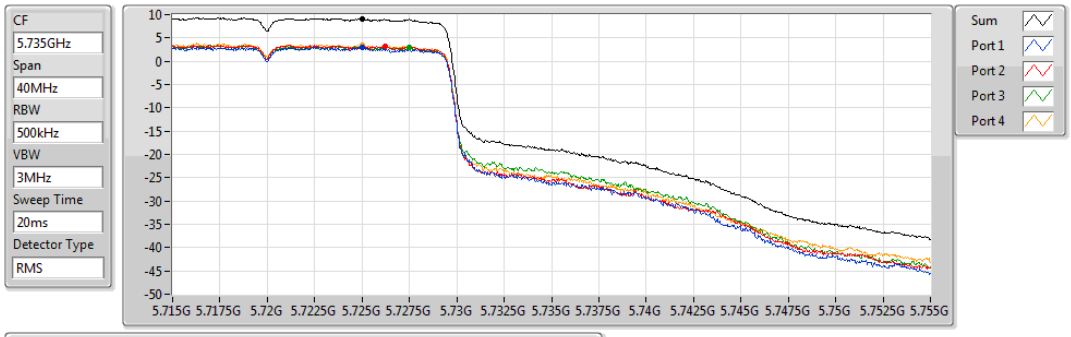


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.92	10.92	4.47	4.99	5.06	5.43

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

5720MHz Straddle 5.725-5.85GHz

27/02/2019

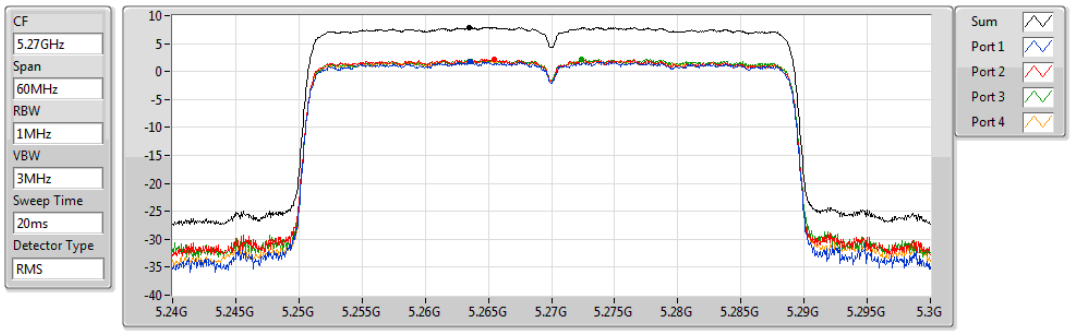


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.07	9.07	2.88	3.15	3.01	3.39

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

5270MHz

07/03/2019

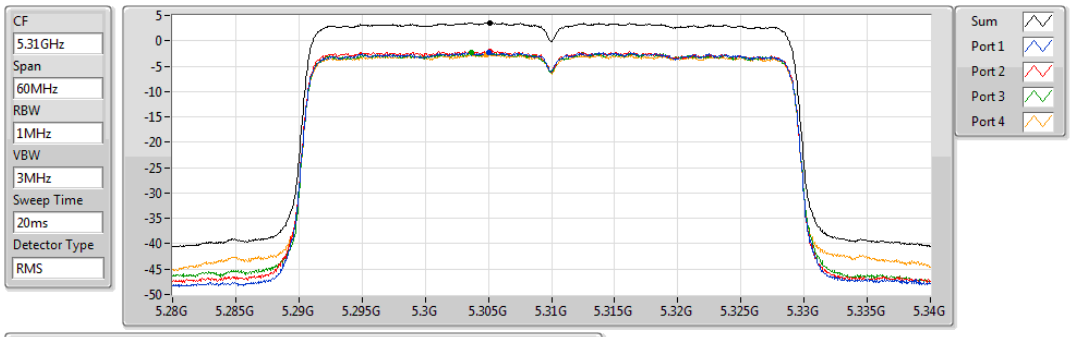


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.93	7.93	1.77	2.25	2.20	2.05

802.11ax HEW40_Nss4,(MCS0)_4TX **PSD**

5310MHz

07/03/2019

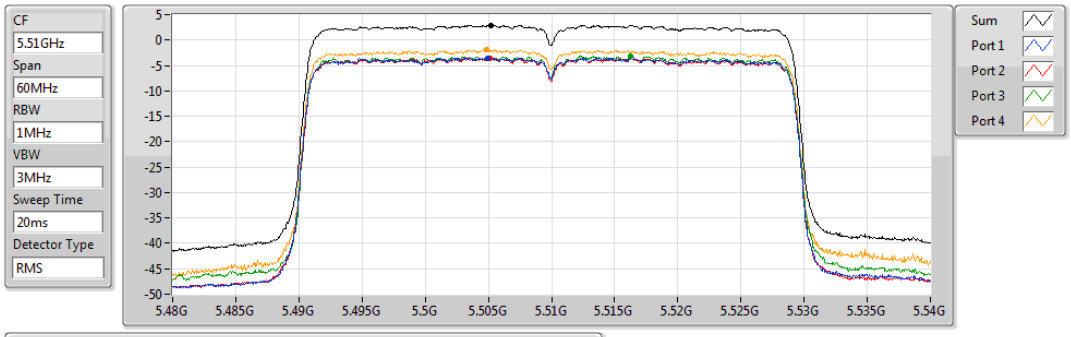


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.56	3.56	-2.33	-2.04	-2.39	-2.70

802.11ax HEW40_Nss4,(MCS0)_4TX **PSD**

5510MHz

07/03/2019

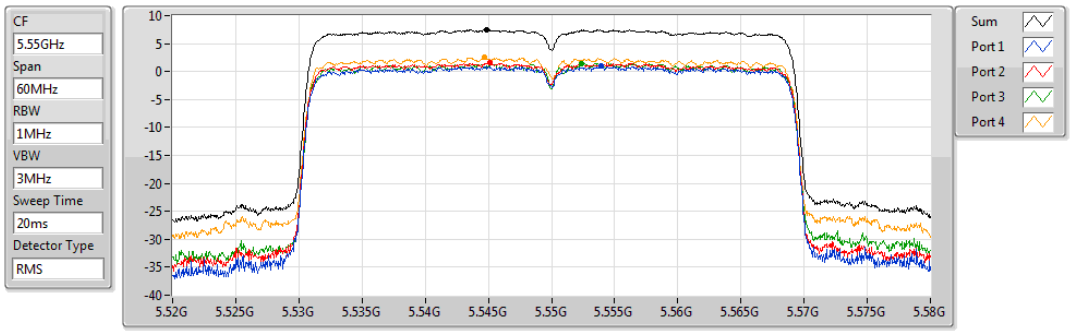


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.92	2.92	-3.53	-3.54	-3.19	-1.89

802.11ax HEW40_Nss4,(MCS0)_4TX **PSD**

5550MHz

07/03/2019

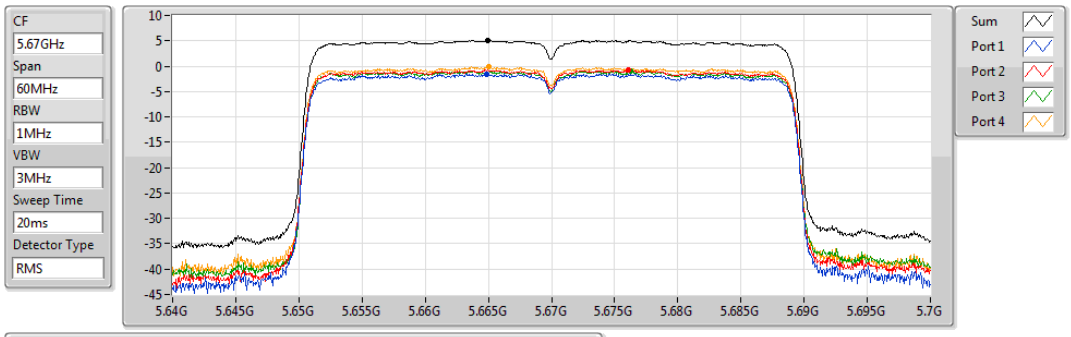


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.47	7.47	0.96	1.58	1.47	2.53

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

5670MHz

07/03/2019

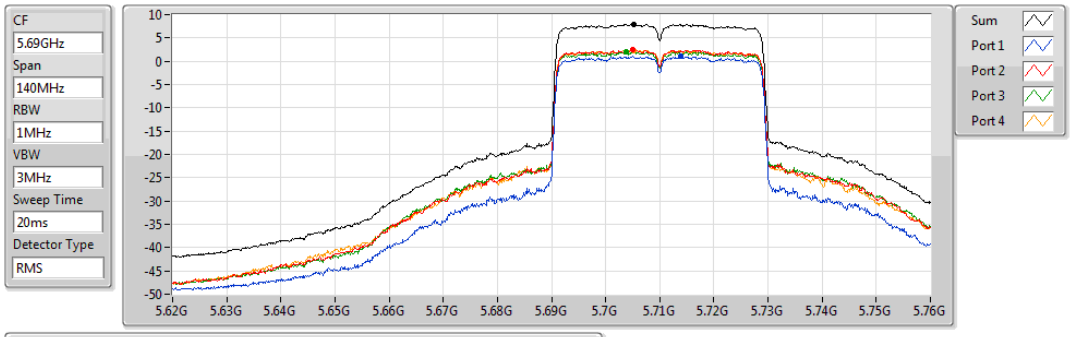


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.07	5.07	-1.54	-0.74	-1.01	-0.12

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

5710MHz Straddle 5.47-5.725GHz

27/02/2019

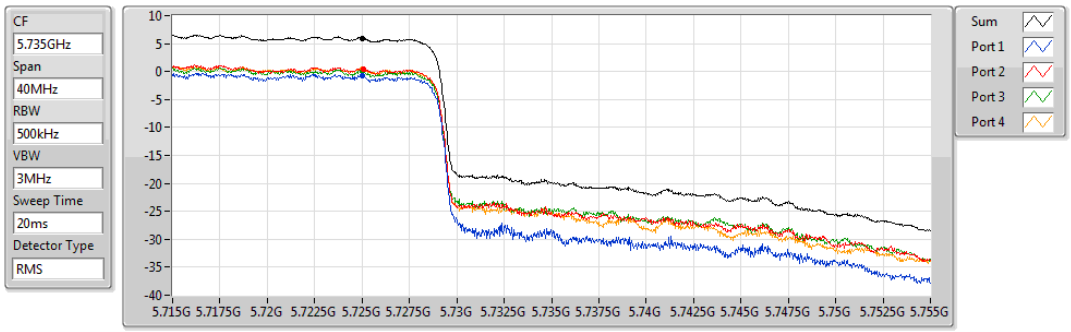


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.94	7.94	1.13	2.50	2.03	2.38

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

5710MHz Straddle 5.725-5.85GHz

27/02/2019

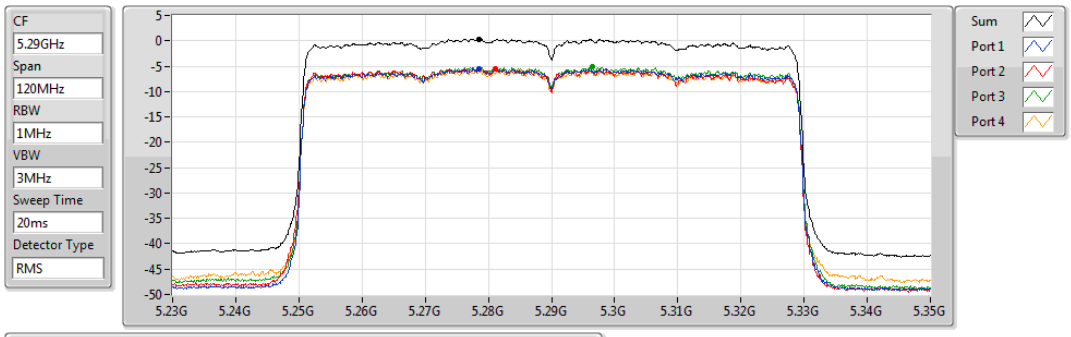


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.98	5.98	-0.66	0.52	0.09	0.36

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

5290MHz

07/03/2019

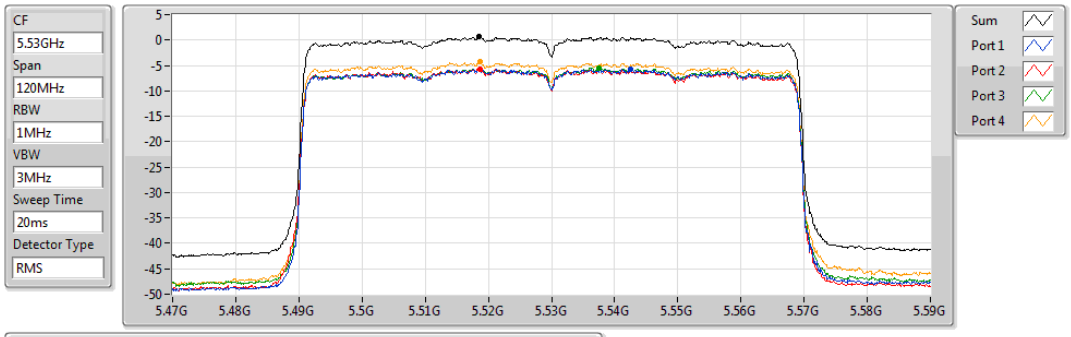


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.38	0.38	-5.53	-5.49	-5.17	-5.73

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

5530MHz

07/03/2019

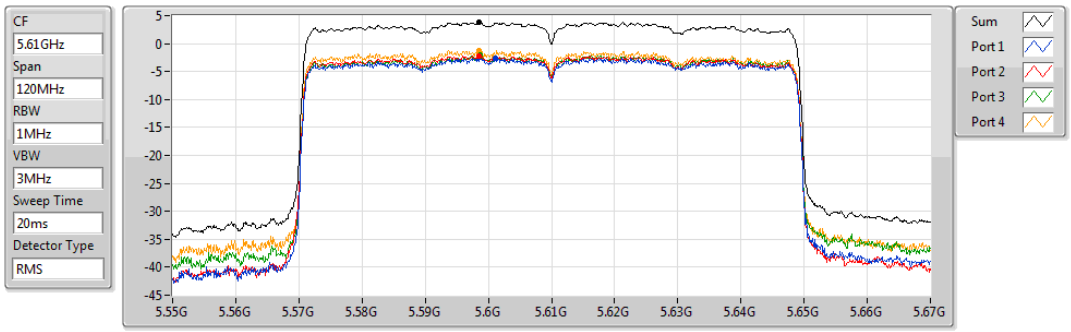


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.62	0.62	-5.73	-5.72	-5.56	-4.29

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

5610MHz

07/03/2019

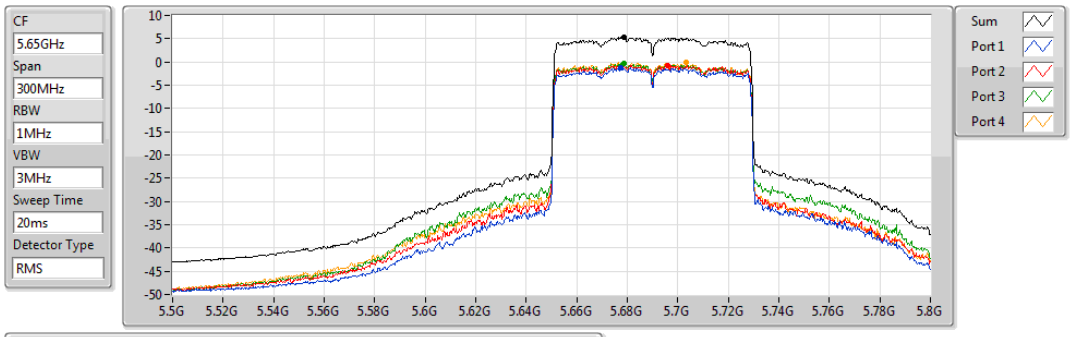


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.86	3.86	-2.63	-2.16	-2.11	-1.27

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

5690MHz Straddle 5.47-5.725GHz

07/03/2019

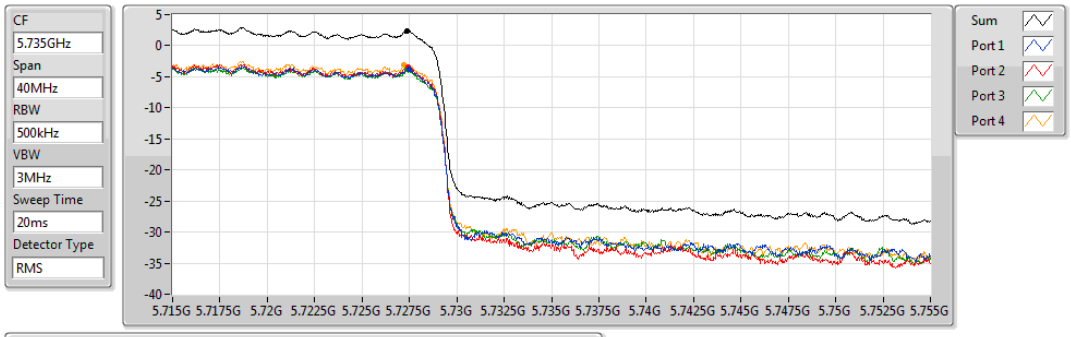


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.25	5.25	-1.21	-0.71	-0.29	-0.17

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

5690MHz Straddle 5.725-5.85GHz

07/03/2019

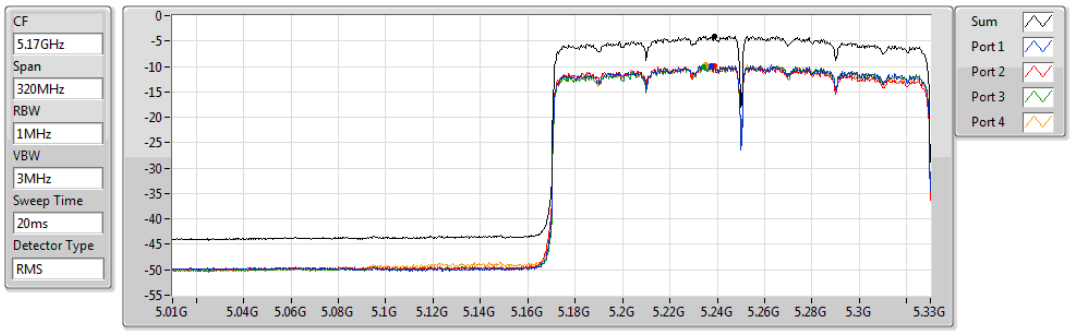


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.41	2.41	-3.75	-3.50	-3.81	-3.14

802.11ax HEW160_Nss4,(MCS0)_4TX PSD

5250MHz Straddle 5.15-5.25GHz

07/03/2019

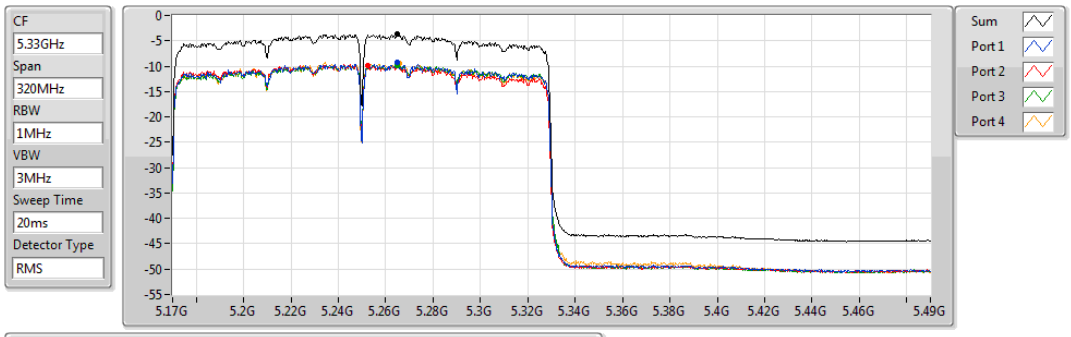


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.01	-4.01	-9.86	-9.88	-10.07	-9.66

802.11ax HEW160_Nss4,(MCS0)_4TX **PSD**

5250MHz Straddle 5.25-5.35GHz

07/03/2019

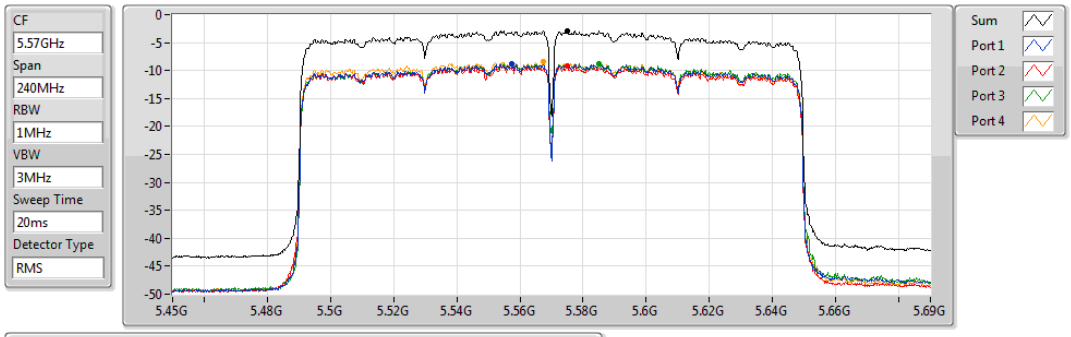


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.70	-3.70	-9.30	-9.98	-9.84	-9.53

802.11ax HEW160_Nss4,(MCS0)_4TX **PSD**

5570MHz

07/03/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.92	-2.92	-8.83	-9.16	-8.71	-8.49

Mode 2: (Ant. 6 Omni antenna / 6 dBi)
For Non-beamforming / 1T1S mode
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss1,(MCS0)_1TX	-8.06
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	7.97
802.11ax HEW20_Nss1,(MCS0)_1TX	6.77
802.11ax HEW40_Nss1,(MCS0)_1TX	2.11
802.11ax HEW80_Nss1,(MCS0)_1TX	-4.15
802.11ax HEW160_Nss1,(MCS0)_1TX	-7.77
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX	5.92
802.11ax HEW20_Nss1,(MCS0)_1TX	6.31
802.11ax HEW40_Nss1,(MCS0)_1TX	3.27
802.11ax HEW80_Nss1,(MCS0)_1TX	0.89
802.11ax HEW160_Nss1,(MCS0)_1TX	-7.78
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	4.28
802.11ax HEW20_Nss1,(MCS0)_1TX	4.15
802.11ax HEW40_Nss1,(MCS0)_1TX	1.22
802.11ax HEW80_Nss1,(MCS0)_1TX	-1.70

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

Result

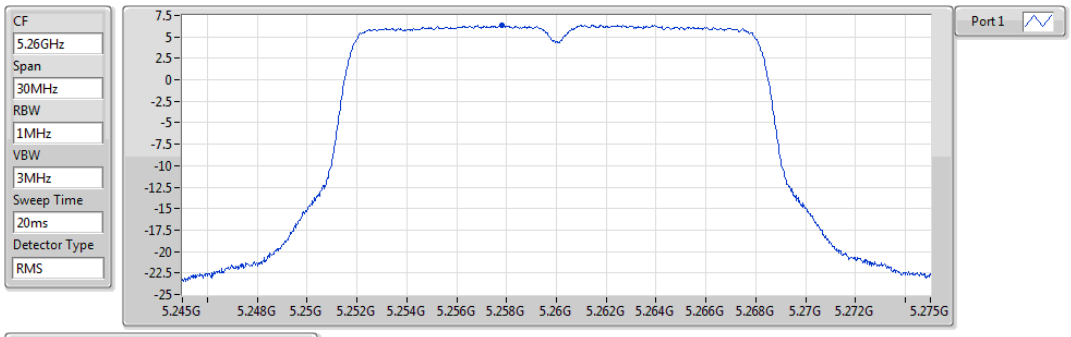
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5260MHz	Pass	6.00	6.39	6.39	11.00
5300MHz	Pass	6.00	7.97	7.97	11.00
5320MHz	Pass	6.00	4.34	4.34	11.00
5500MHz	Pass	6.00	0.63	0.63	11.00
5580MHz	Pass	6.00	5.77	5.77	11.00
5700MHz	Pass	6.00	0.72	0.72	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	6.00	5.92	5.92	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	6.00	4.28	4.28	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	6.00	6.67	6.67	11.00
5300MHz	Pass	6.00	6.77	6.77	11.00
5320MHz	Pass	6.00	2.86	2.86	11.00
5500MHz	Pass	6.00	0.69	0.69	11.00
5580MHz	Pass	6.00	6.31	6.31	11.00
5700MHz	Pass	6.00	-2.48	-2.48	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	6.00	5.74	5.74	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	6.00	4.15	4.15	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5270MHz	Pass	6.00	2.11	2.11	11.00
5310MHz	Pass	6.00	-1.45	-1.45	11.00
5510MHz	Pass	6.00	-2.96	-2.96	11.00
5550MHz	Pass	6.00	2.24	2.24	11.00
5670MHz	Pass	6.00	-1.20	-1.20	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	6.00	3.27	3.27	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	6.00	1.22	1.22	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5290MHz	Pass	6.00	-4.15	-4.15	11.00
5530MHz	Pass	6.00	-4.66	-4.66	11.00
5610MHz	Pass	6.00	-2.44	-2.44	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	6.00	0.89	0.89	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	6.00	-1.70	-1.70	30.00
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.00	-8.06	-8.06	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	6.00	-7.77	-7.77	11.00
5570MHz	Pass	6.00	-7.78	-7.78	11.00

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

802.11a_Nss1,(6Mbps)_1TX **PSD**

5260MHz

26/02/2019

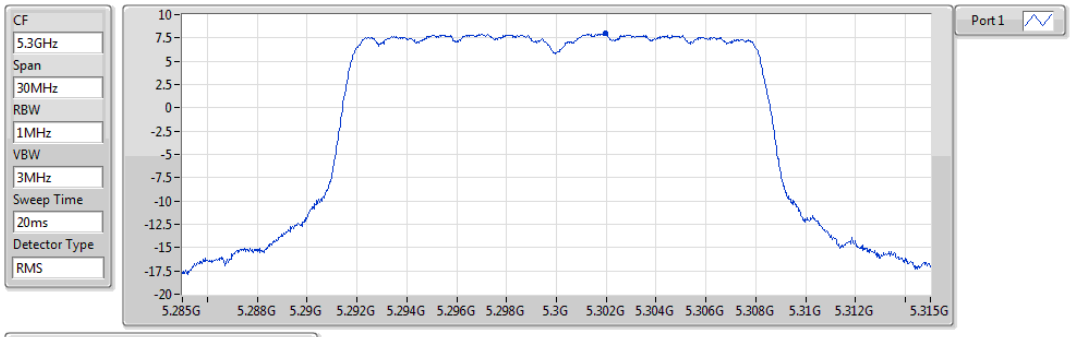


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.39	6.39	6.39

802.11a_Nss1,(6Mbps)_1TX **PSD**

5300MHz

26/02/2019

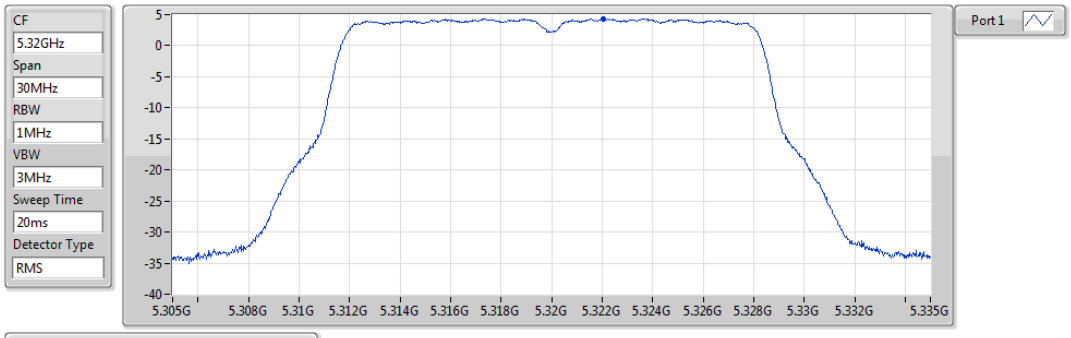


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.97	7.97	7.97

802.11a_Nss1,(6Mbps)_1TX **PSD**

5320MHz

26/02/2019

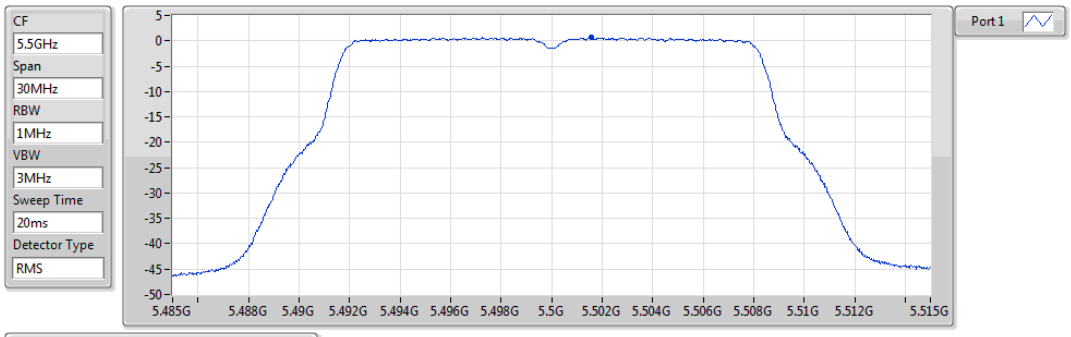


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.34	4.34	4.34

802.11a_Nss1,(6Mbps)_1TX **PSD**

5500MHz

26/02/2019

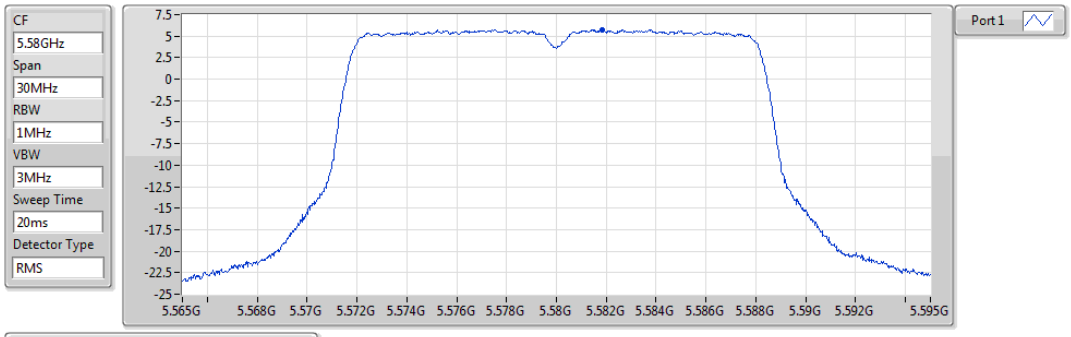


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.63	0.63	0.63

802.11a_Nss1,(6Mbps)_1TX **PSD**

5580MHz

26/02/2019

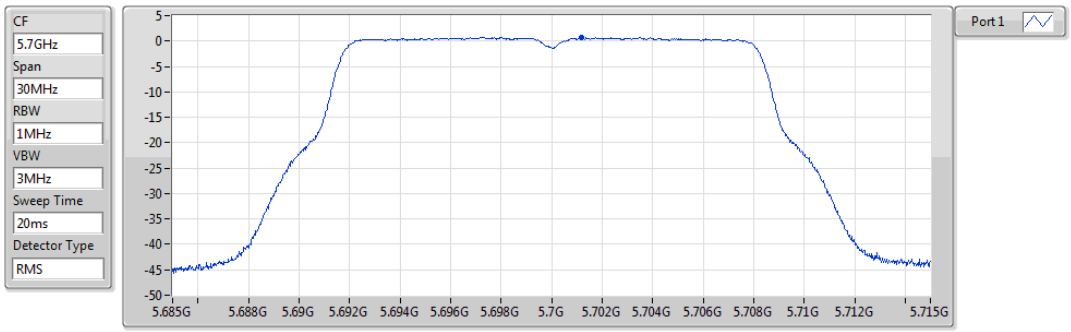


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.77	5.77	5.77

802.11a_Nss1,(6Mbps)_1TX **PSD**

5700MHz

26/02/2019

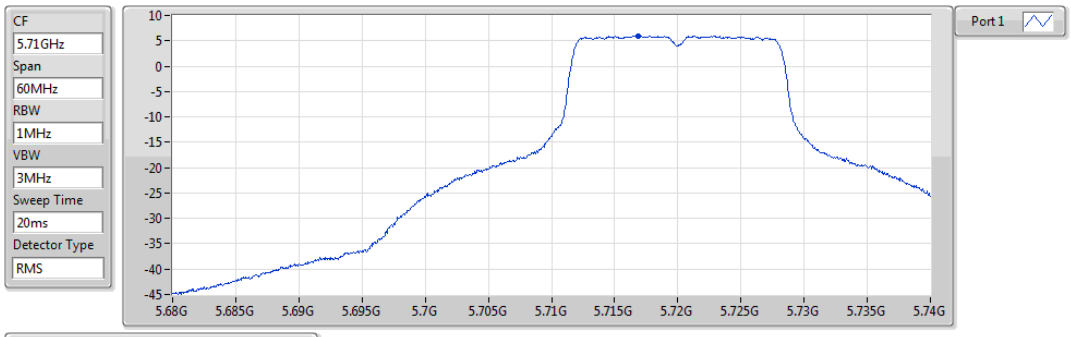


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.72	0.72	0.72

802.11a_Nss1,(6Mbps)_1TX **PSD**

5720MHz Straddle 5.47-5.725GHz

26/02/2019

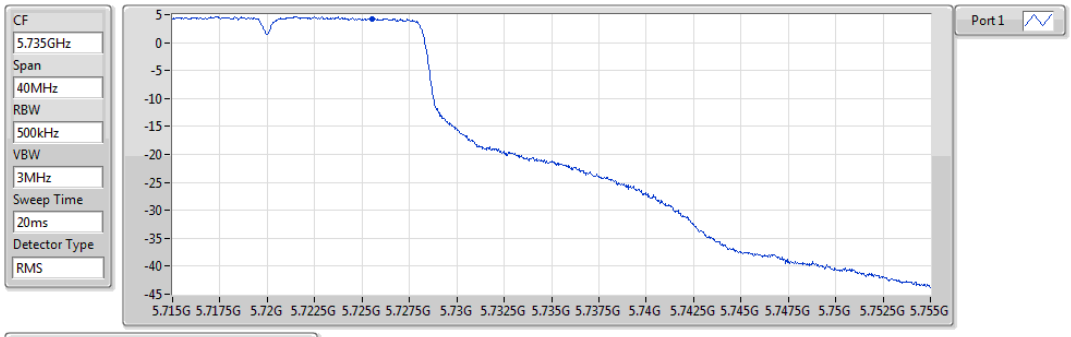


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.92	5.92	5.92

802.11a_Nss1,(6Mbps)_1TX **PSD**

5720MHz Straddle 5.725-5.85GHz

26/02/2019

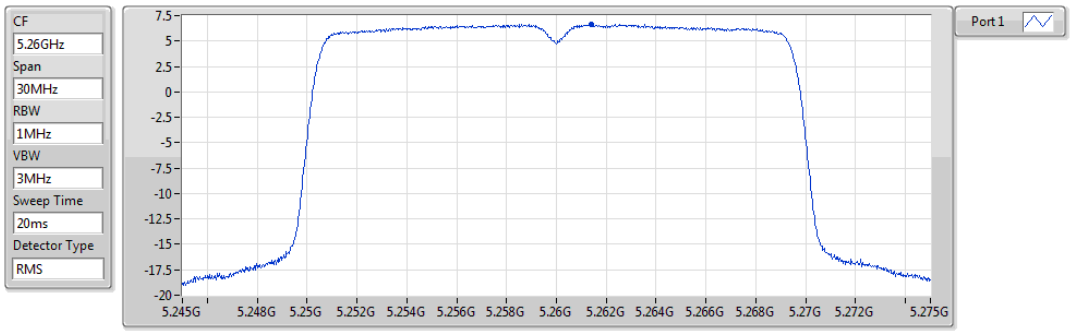


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.28	4.28	4.28

802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

5260MHz

26/02/2019

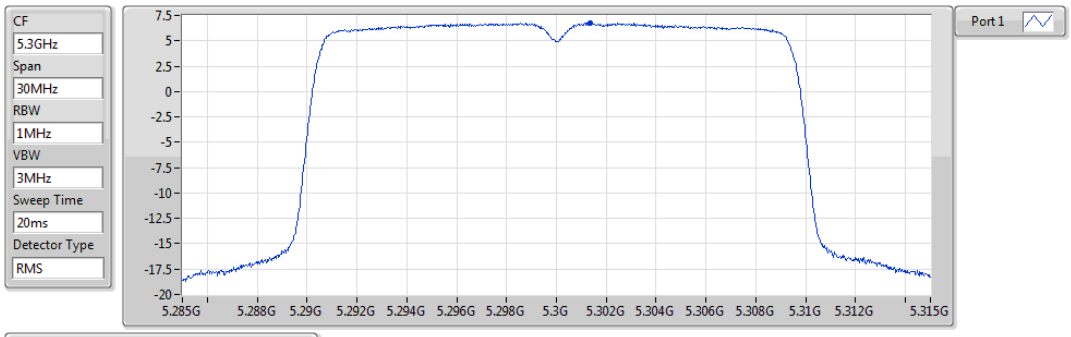


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.67	6.67	6.67

802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

5300MHz

26/02/2019

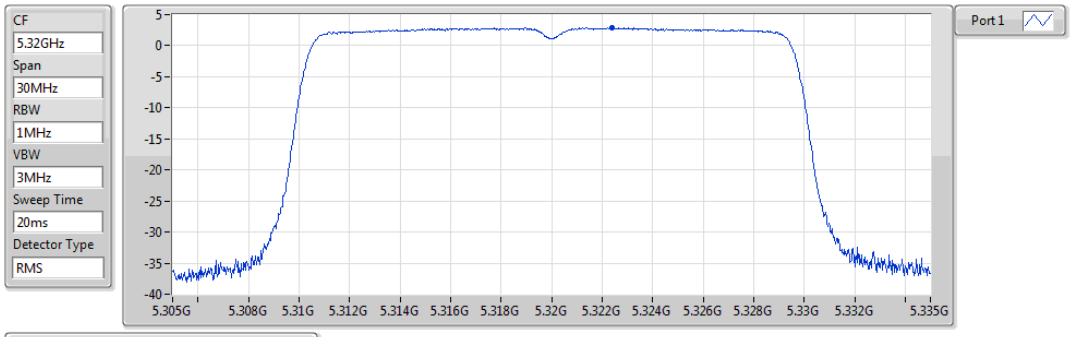


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.77	6.77	6.77

802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

5320MHz

26/02/2019

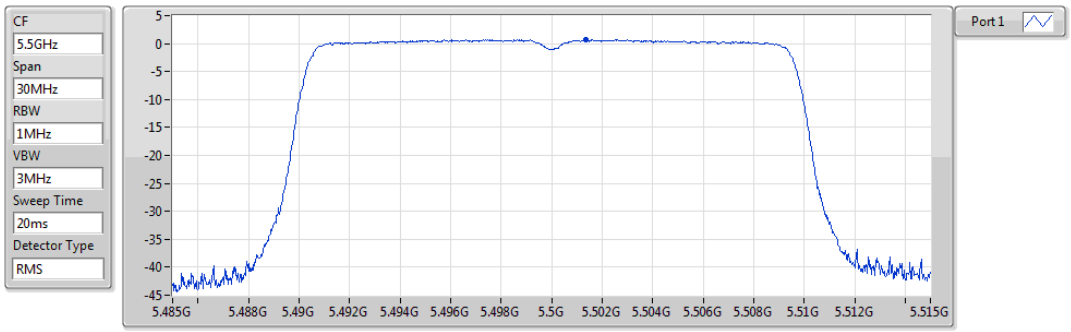


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.86	2.86	2.86

802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

5500MHz

26/02/2019

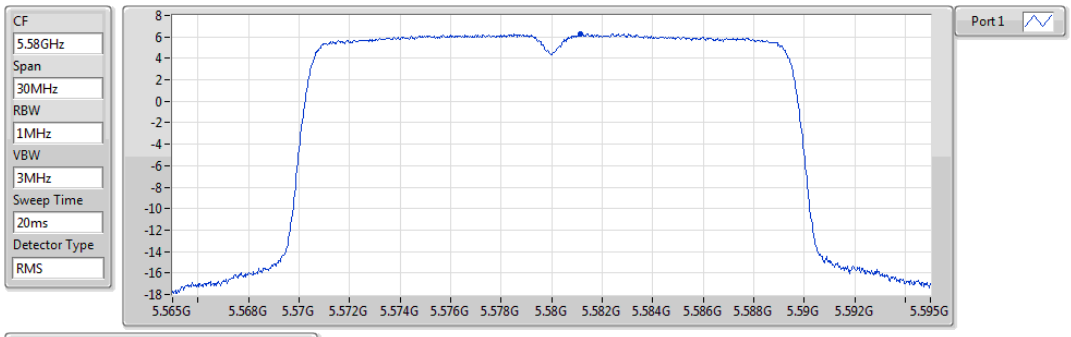


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.69	0.69	0.69

802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

5580MHz

26/02/2019

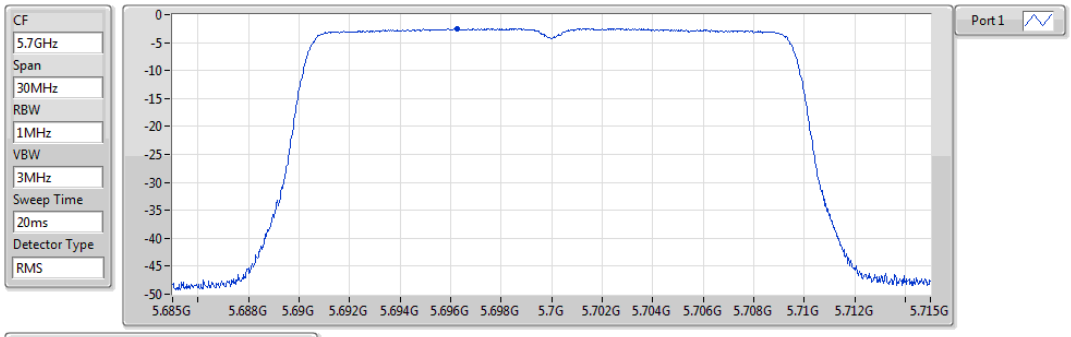


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.31	6.31	6.31

802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

5700MHz

26/02/2019

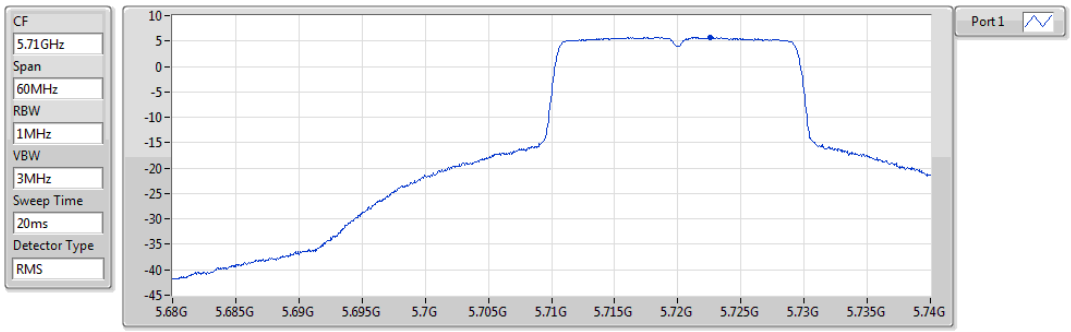


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.48	-2.48	-2.48

802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

5720MHz Straddle 5.47-5.725GHz

26/02/2019

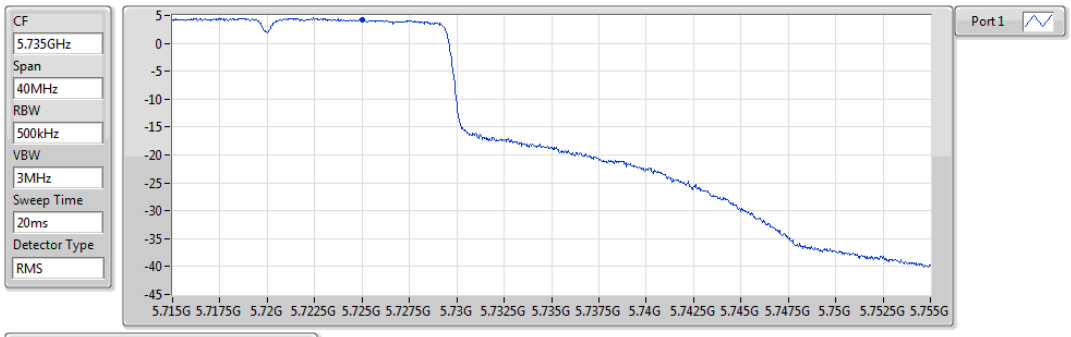


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.74	5.74	5.74

802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

5720MHz Straddle 5.725-5.85GHz

26/02/2019

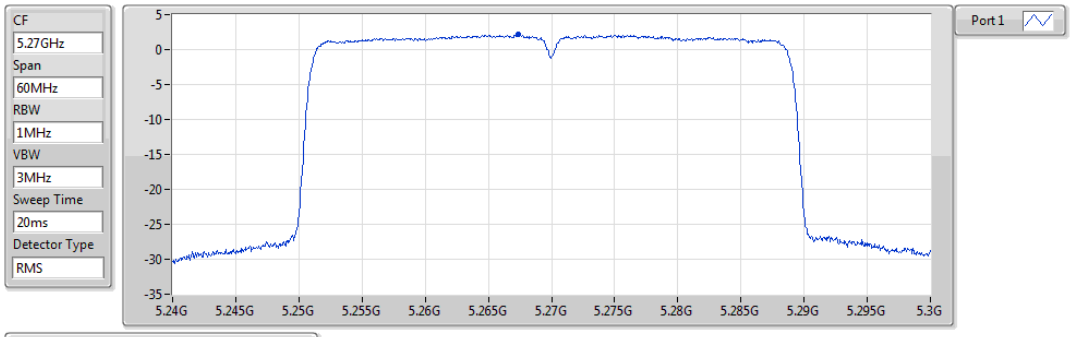


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.15	4.15	4.15

802.11ax HEW40_Nss1,(MCS0)_1TX **PSD**

5270MHz

26/02/2019

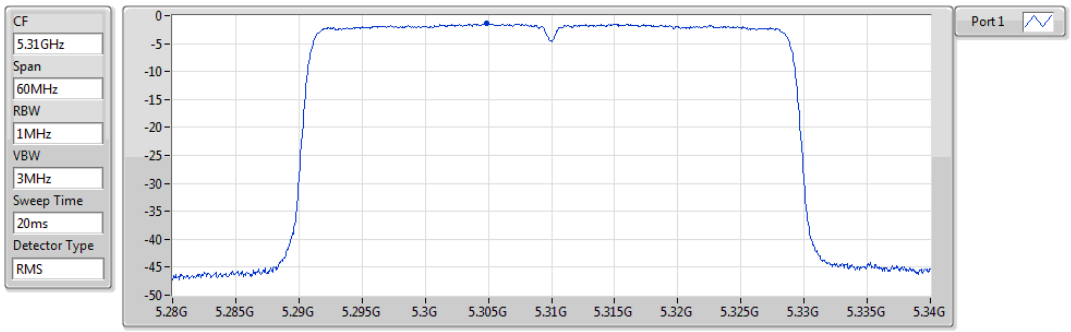


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.11	2.11	2.11

802.11ax HEW40_Nss1,(MCS0)_1TX **PSD**

5310MHz

26/02/2019

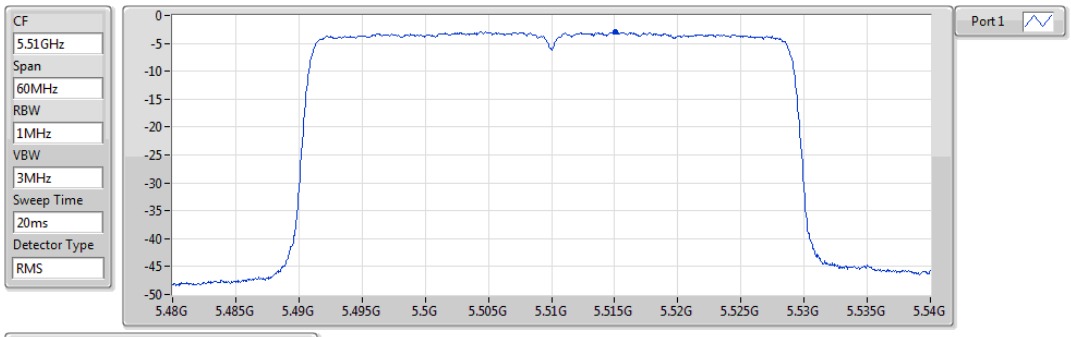


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.45	-1.45	-1.45

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

5510MHz

26/02/2019

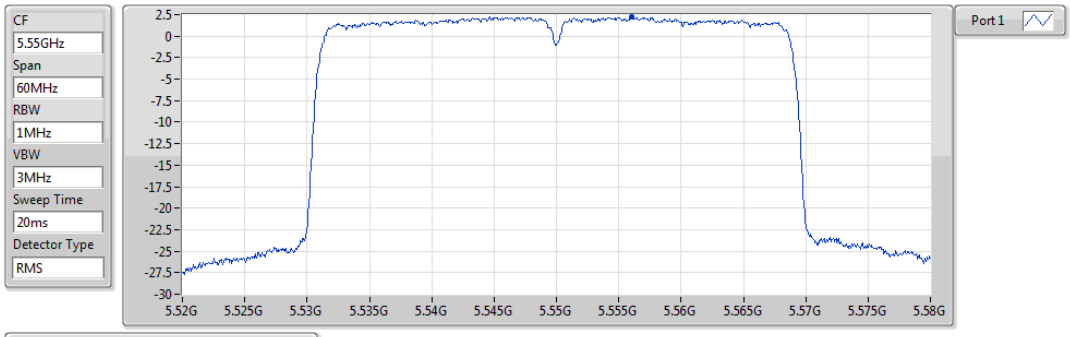


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.96	-2.96	-2.96

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

5550MHz

26/02/2019

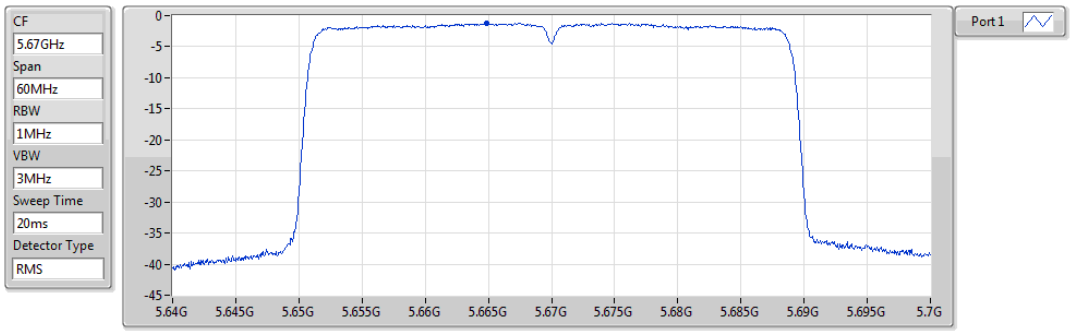


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.24	2.24	2.24

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

5670MHz

26/02/2019

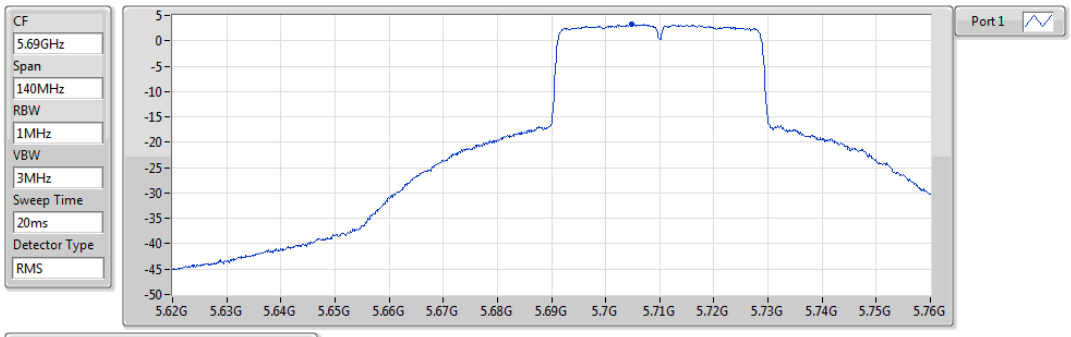


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.20	-1.20	-1.20

802.11ax HEW40_Nss1,(MCS0)_1TX **PSD**

5710MHz Straddle 5.47-5.725GHz

26/02/2019

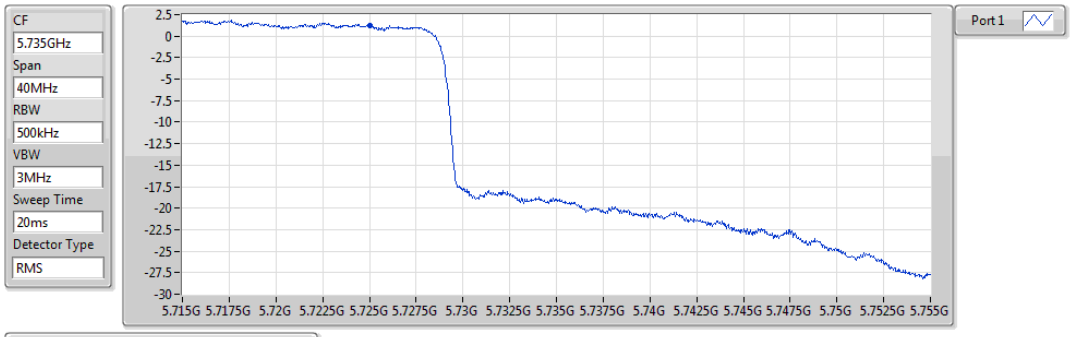


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.27	3.27	3.27

802.11ax HEW40_Nss1,(MCS0)_1TX **PSD**

5710MHz Straddle 5.725-5.85GHz

26/02/2019

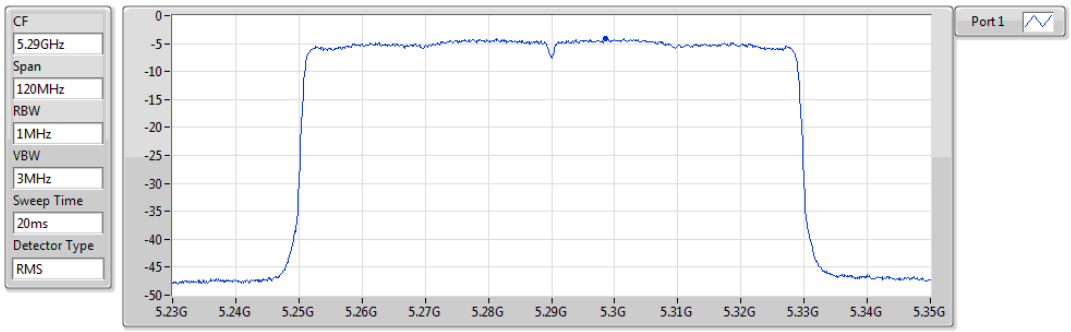


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.22	1.22	1.22

802.11ax HEW80_Nss1,(MCS0)_1TX **PSD**

5290MHz

26/02/2019

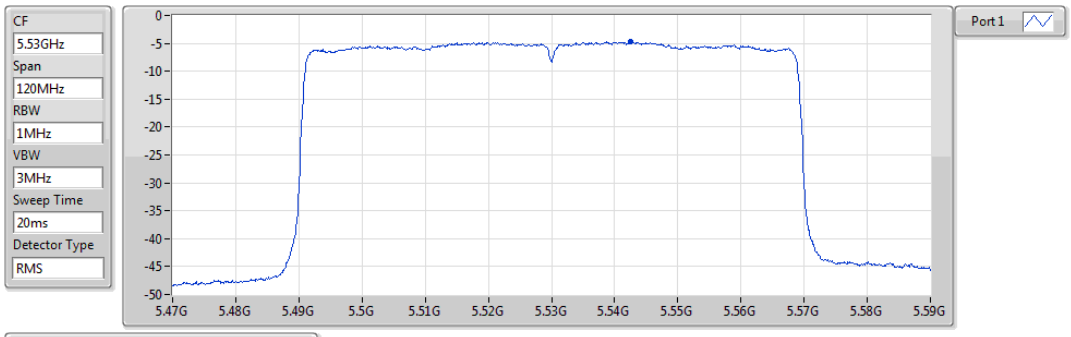


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.15	-4.15	-4.15

802.11ax HEW80_Nss1,(MCS0)_1TX **PSD**

5530MHz

26/02/2019

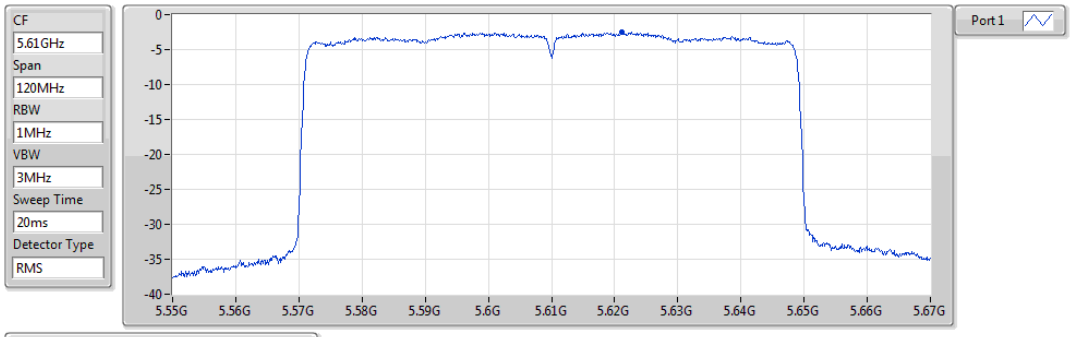


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.66	-4.66	-4.66

802.11ax HEW80_Nss1,(MCS0)_1TX **PSD**

5610MHz

26/02/2019

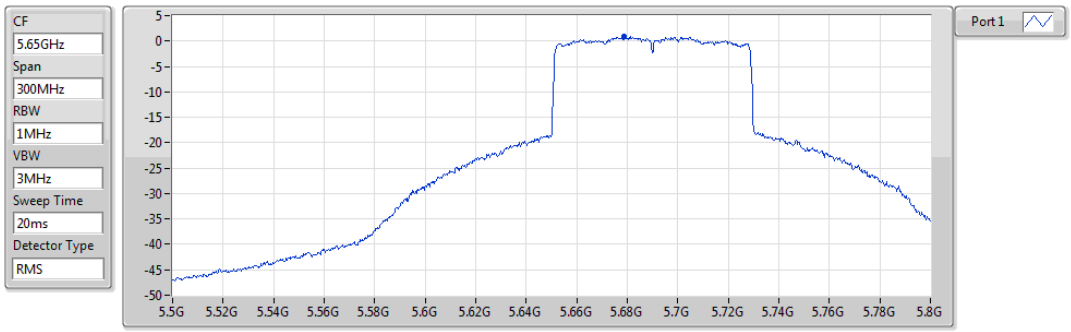


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.44	-2.44	-2.44

802.11ax HEW80_Nss1,(MCS0)_1TX **PSD**

5690MHz Straddle 5.47-5.725GHz

26/02/2019

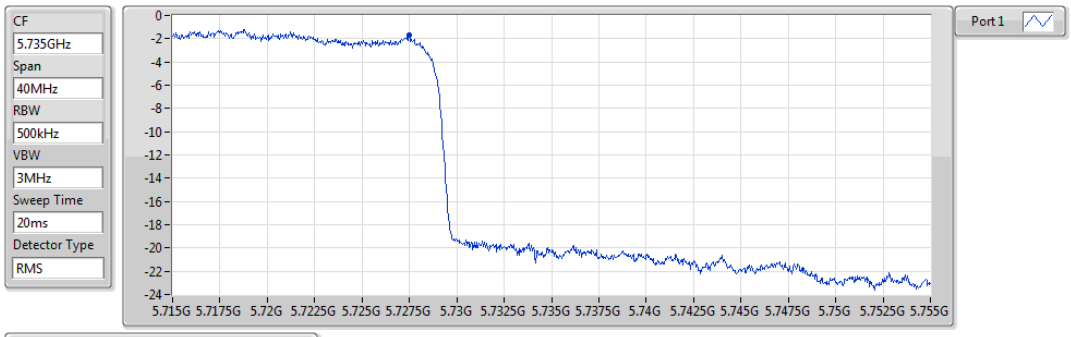


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.89	0.89	0.89

802.11ax HEW80_Nss1,(MCS0)_1TX **PSD**

5690MHz Straddle 5.725-5.85GHz

26/02/2019

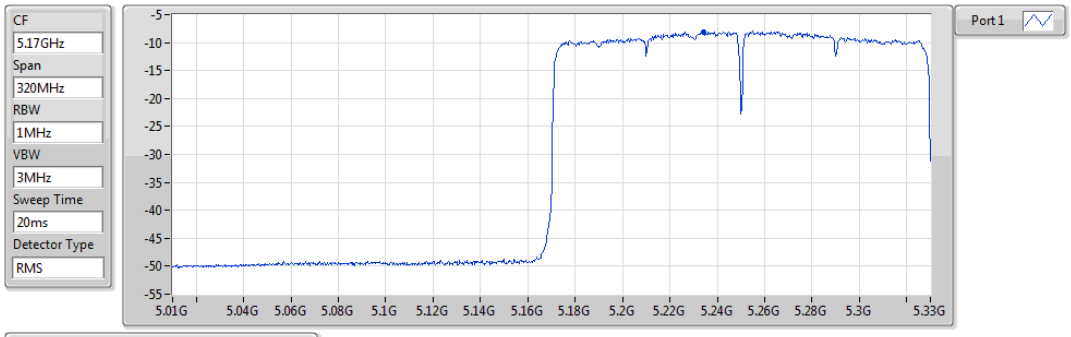


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.70	-1.70	-1.70

802.11ax HEW160_Nss1,(MCS0)_1TX **PSD**

5250MHz Straddle 5.15-5.25GHz

26/02/2019

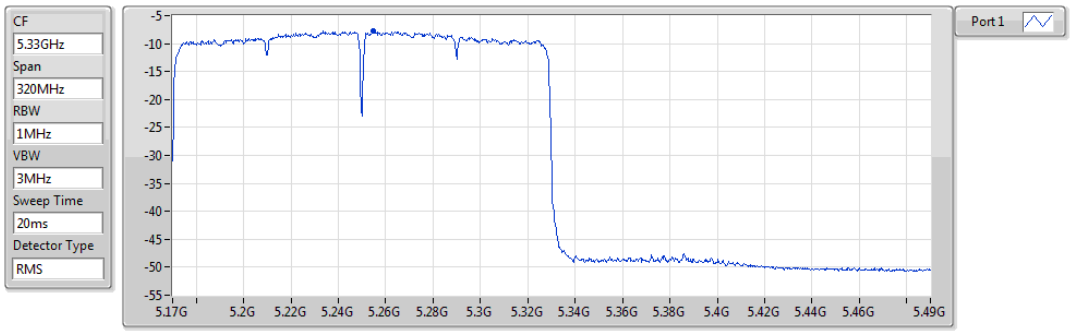


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.06	-8.06	-8.06

802.11ax HEW160_Nss1,(MCS0)_1TX **PSD**

5250MHz Straddle 5.25-5.35GHz

26/02/2019

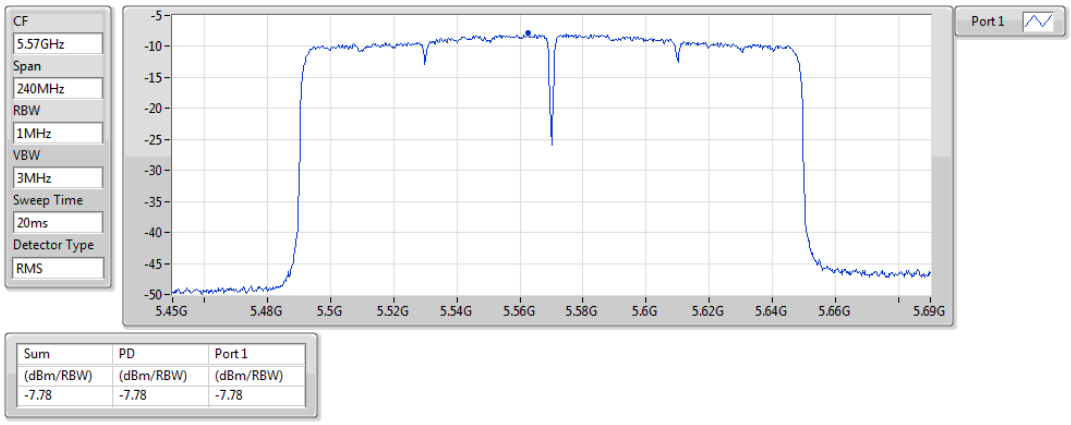


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.77	-7.77	-7.77

802.11ax HEW160_Nss1,(MCS0)_1TX **PSD**

5570MHz

26/02/2019



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.78	-7.78	-7.78

For Non-beamforming / 2T2S mode
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss2,(MCS0)_2TX	-6.47
5.25-5.35GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	9.89
802.11ax HEW40_Nss2,(MCS0)_2TX	4.84
802.11ax HEW80_Nss2,(MCS0)_2TX	-2.23
802.11ax HEW160_Nss2,(MCS0)_2TX	-6.44
5.47-5.725GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	9.80
802.11ax HEW40_Nss2,(MCS0)_2TX	6.59
802.11ax HEW80_Nss2,(MCS0)_2TX	2.08
802.11ax HEW160_Nss2,(MCS0)_2TX	-6.03
5.725-5.85GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	7.99
802.11ax HEW40_Nss2,(MCS0)_2TX	4.64
802.11ax HEW80_Nss2,(MCS0)_2TX	-0.21

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

Result

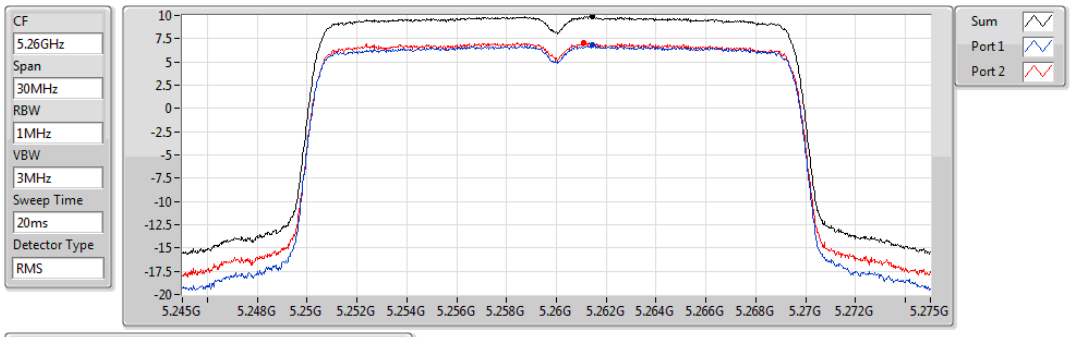
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	6.00	6.79	7.09	9.89	11.00
5300MHz	Pass	6.00	5.71	5.66	8.64	11.00
5320MHz	Pass	6.00	1.86	2.09	4.90	11.00
5500MHz	Pass	6.00	0.49	0.76	3.60	11.00
5580MHz	Pass	6.00	6.55	7.12	9.80	11.00
5700MHz	Pass	6.00	-1.12	-0.68	1.99	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	6.00	6.26	7.13	9.70	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	6.00	4.47	5.48	7.99	30.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	6.00	1.94	1.94	4.84	11.00
5310MHz	Pass	6.00	-1.96	-1.55	1.23	11.00
5510MHz	Pass	6.00	-3.34	-2.58	-0.00	11.00
5550MHz	Pass	6.00	1.34	1.75	4.49	11.00
5670MHz	Pass	6.00	-2.96	-1.83	0.59	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	6.00	3.13	4.09	6.59	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	6.00	1.08	2.16	4.64	30.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	6.00	-5.58	-4.80	-2.23	11.00
5530MHz	Pass	6.00	-5.83	-6.20	-3.12	11.00
5610MHz	Pass	6.00	-3.18	-2.64	0.06	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	6.00	-1.00	-0.78	2.08	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	6.00	-3.29	-2.87	-0.21	30.00
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.00	-9.57	-9.19	-6.47	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	6.00	-9.37	-9.37	-6.44	11.00
5570MHz	Pass	6.00	-8.82	-9.11	-6.03	11.00

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

802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

5260MHz

26/02/2019

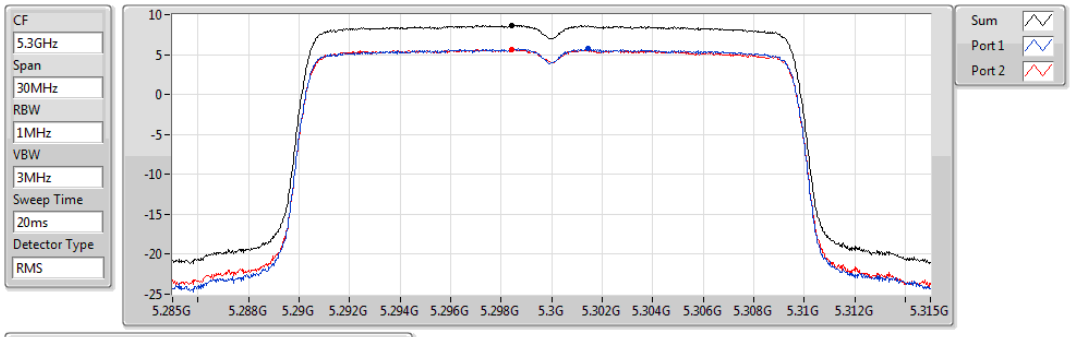


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.89	9.89	6.79	7.09

802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

5300MHz

26/02/2019

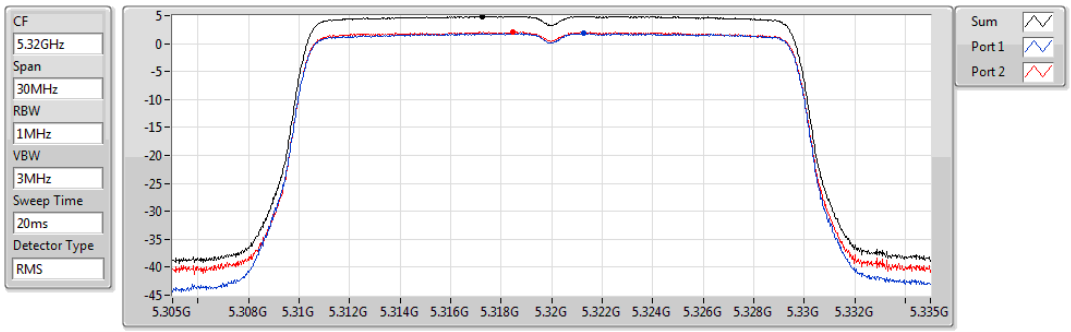


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.64	8.64	5.71	5.66

802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

5320MHz

26/02/2019

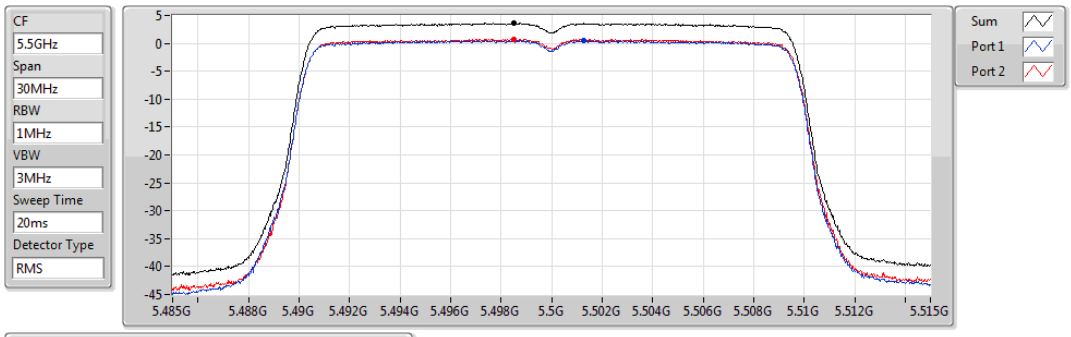


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.90	4.90	1.86	2.09

802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

5500MHz

26/02/2019

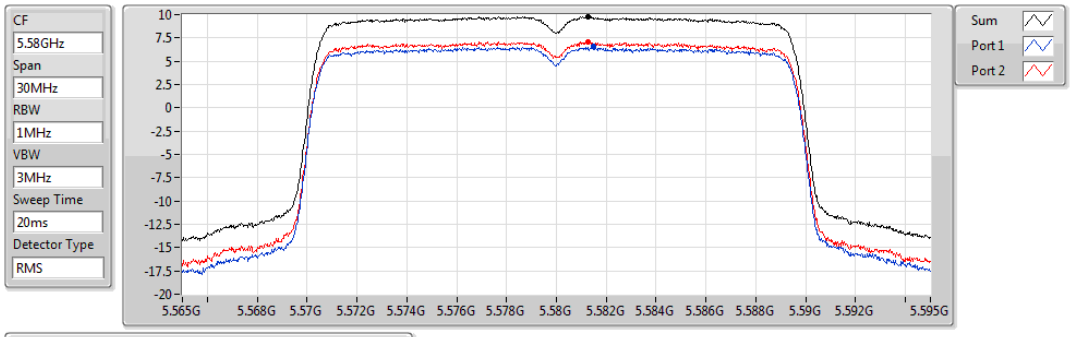


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.60	3.60	0.49	0.76

802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

5580MHz

26/02/2019

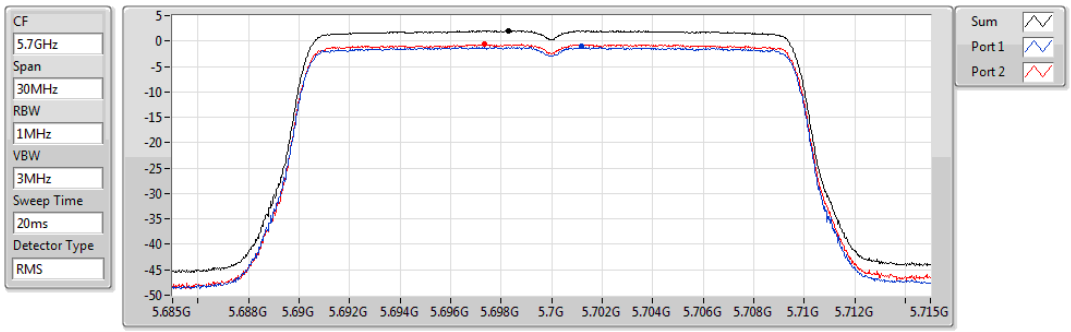


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.80	9.80	6.55	7.12

802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

5700MHz

26/02/2019

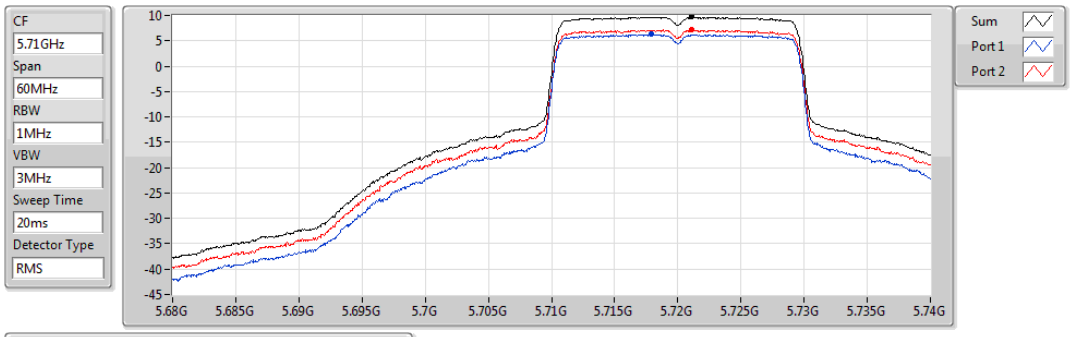


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.99	1.99	-1.12	-0.68

802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

5720MHz Straddle 5.47-5.725GHz

06/03/2019

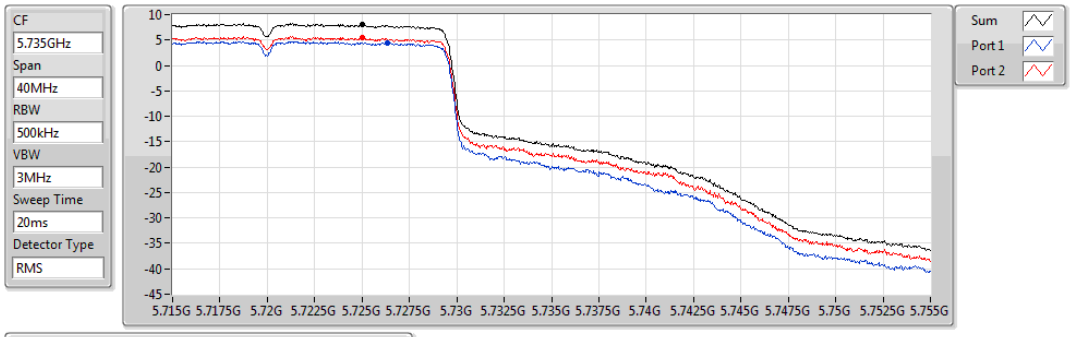


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.70	9.70	6.26	7.13

802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

5720MHz Straddle 5.725-5.85GHz

06/03/2019

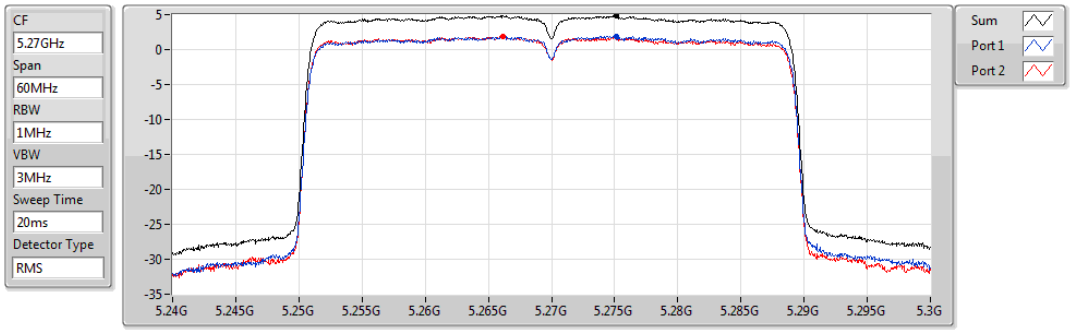


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.99	7.99	4.47	5.48

802.11ax HEW40_Nss2,(MCS0)_2TX **PSD**

5270MHz

26/02/2019

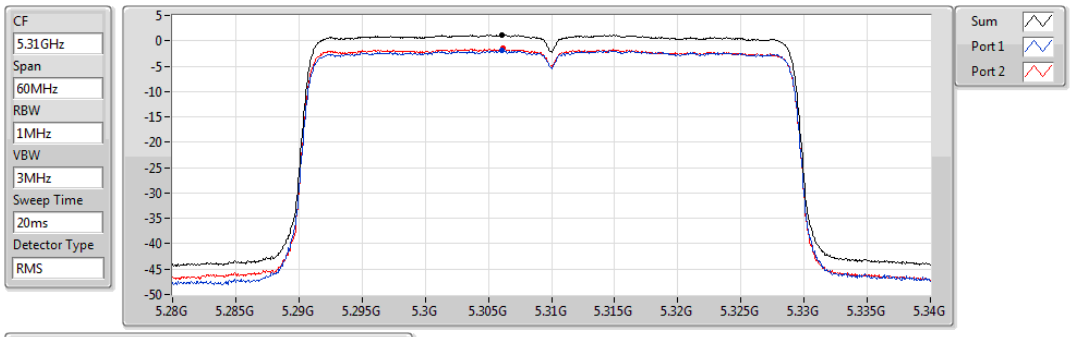


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.84	4.84	1.94	1.94

802.11ax HEW40_Nss2,(MCS0)_2TX **PSD**

5310MHz

26/02/2019

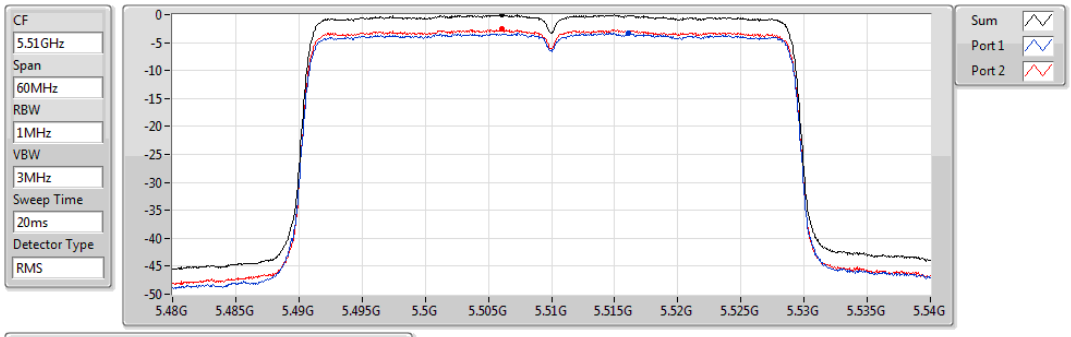


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.23	1.23	-1.96	-1.55

802.11ax HEW40_Nss2,(MCS0)_2TX **PSD**

5510MHz

26/02/2019

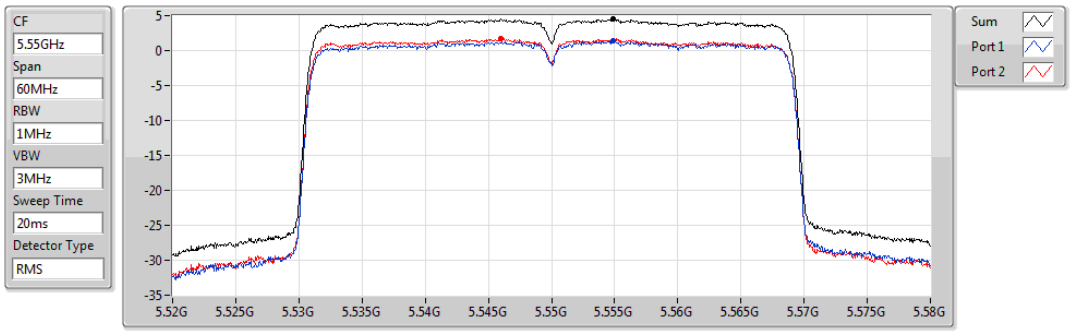


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.00	-0.00	-3.34	-2.58

802.11ax HEW40_Nss2,(MCS0)_2TX **PSD**

5550MHz

26/02/2019

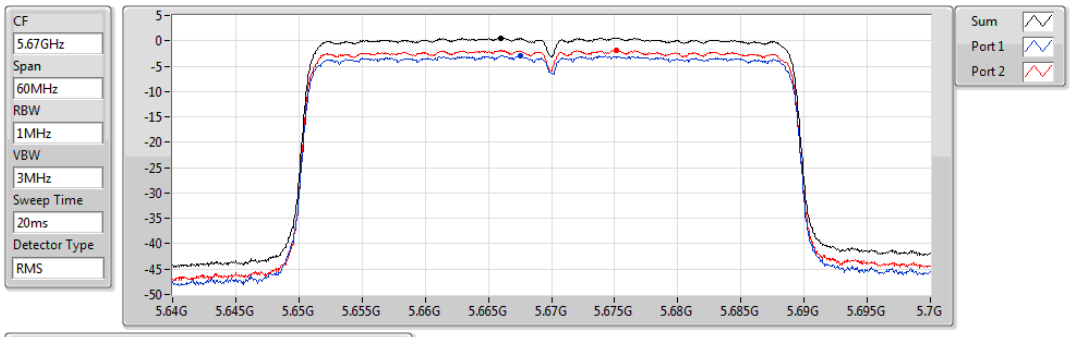


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.49	4.49	1.34	1.75

802.11ax HEW40_Nss2,(MCS0)_2TX PSD

5670MHz

26/02/2019

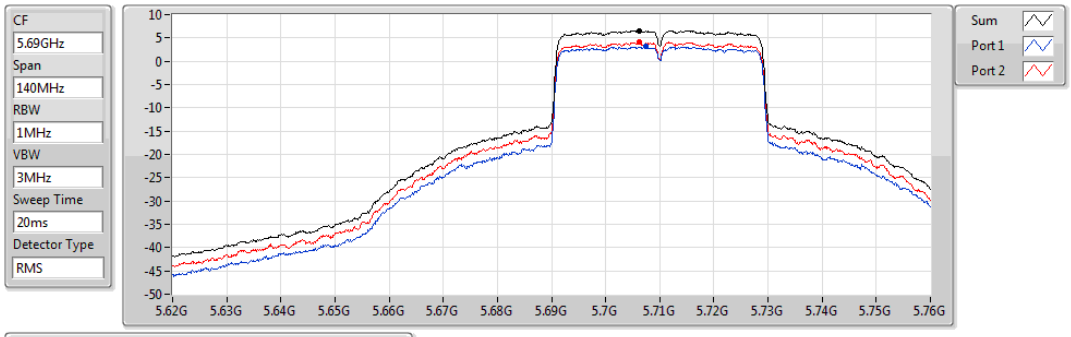


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.59	0.59	-2.96	-1.83

802.11ax HEW40_Nss2,(MCS0)_2TX PSD

5710MHz Straddle 5.47-5.725GHz

26/02/2019

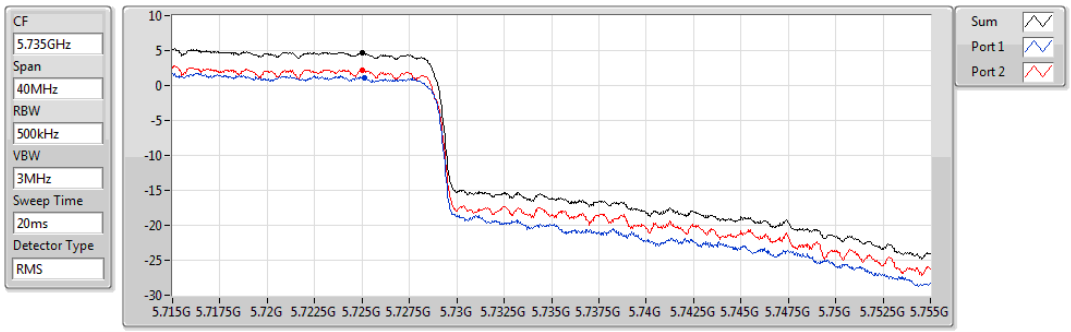


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.59	6.59	3.13	4.09

802.11ax HEW40_Nss2,(MCS0)_2TX PSD

5710MHz Straddle 5.725-5.85GHz

26/02/2019

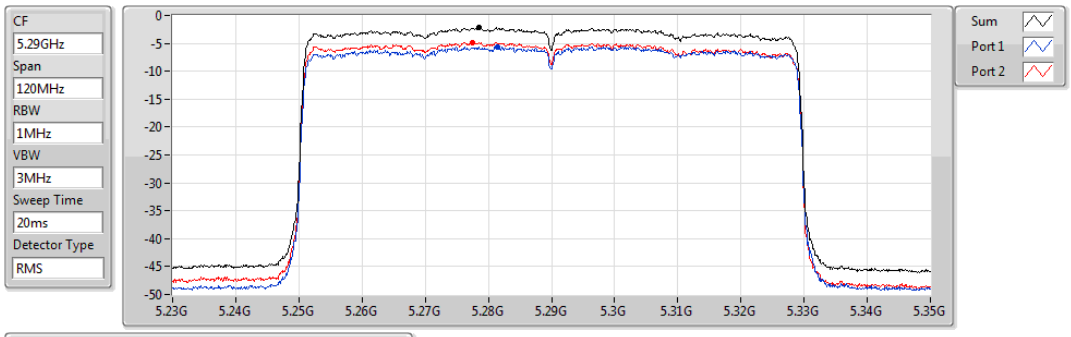


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.64	4.64	1.08	2.16

802.11ax HEW80_Nss2,(MCS0)_2TX PSD

5290MHz

26/02/2019

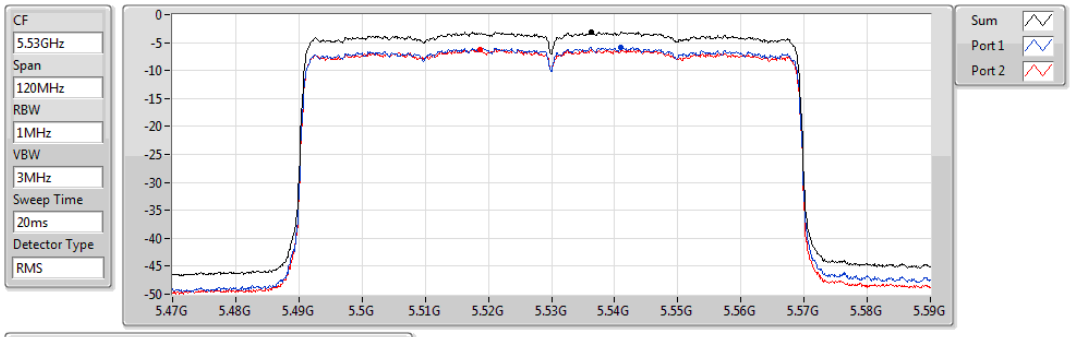


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.23	-2.23	-5.58	-4.80

802.11ax HEW80_Nss2,(MCS0)_2TX PSD

5530MHz

26/02/2019

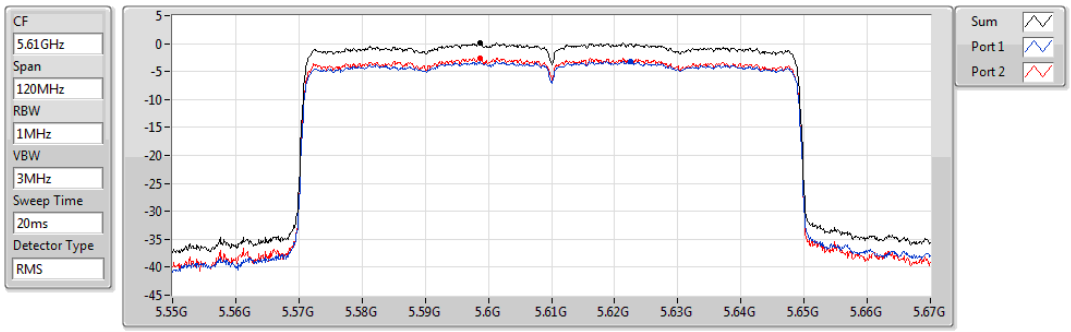


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.12	-3.12	-5.83	-6.20

802.11ax HEW80_Nss2,(MCS0)_2TX PSD

5610MHz

26/02/2019

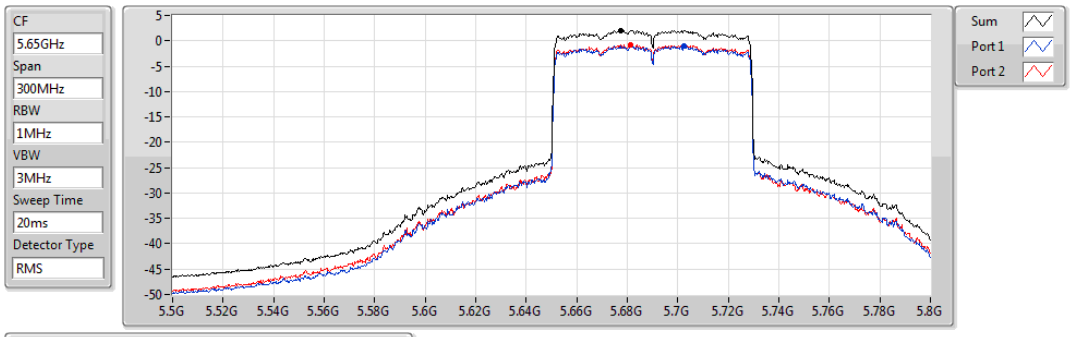


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.06	0.06	-3.18	-2.64

802.11ax HEW80_Nss2,(MCS0)_2TX PSD

5690MHz Straddle 5.47-5.725GHz

26/02/2019

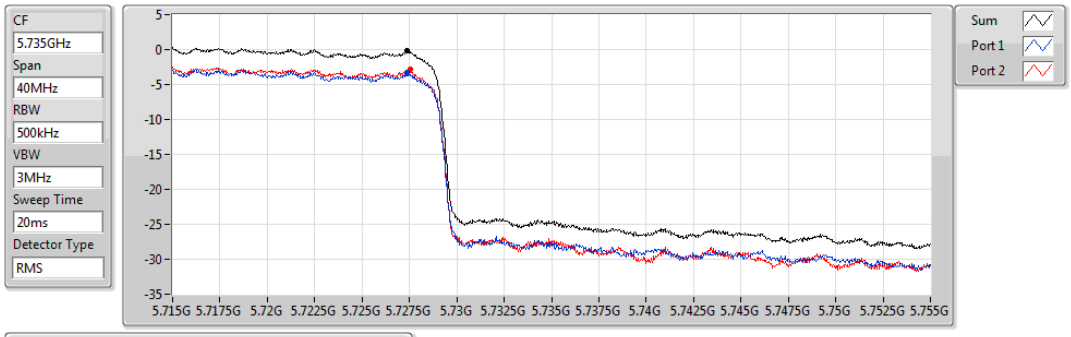


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.08	2.08	-1.00	-0.78

802.11ax HEW80_Nss2,(MCS0)_2TX PSD

5690MHz Straddle 5.725-5.85GHz

26/02/2019

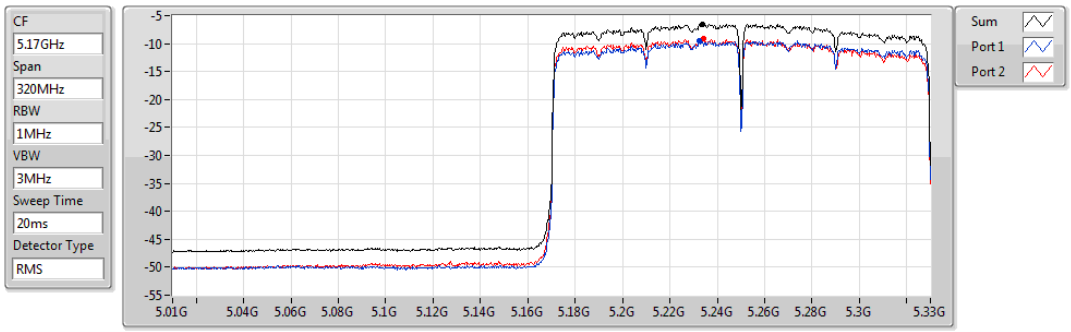


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.21	-0.21	-3.29	-2.87

802.11ax HEW160_Nss2,(MCS0)_2TX PSD

5250MHz Straddle 5.15-5.25GHz

26/02/2019

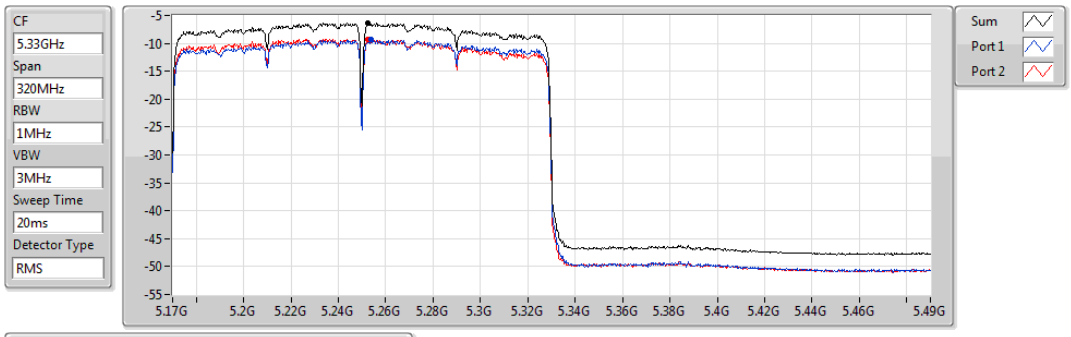


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.47	-6.47	-9.57	-9.19

802.11ax HEW160_Nss2,(MCS0)_2TX **PSD**

5250MHz Straddle 5.25-5.35GHz

26/02/2019

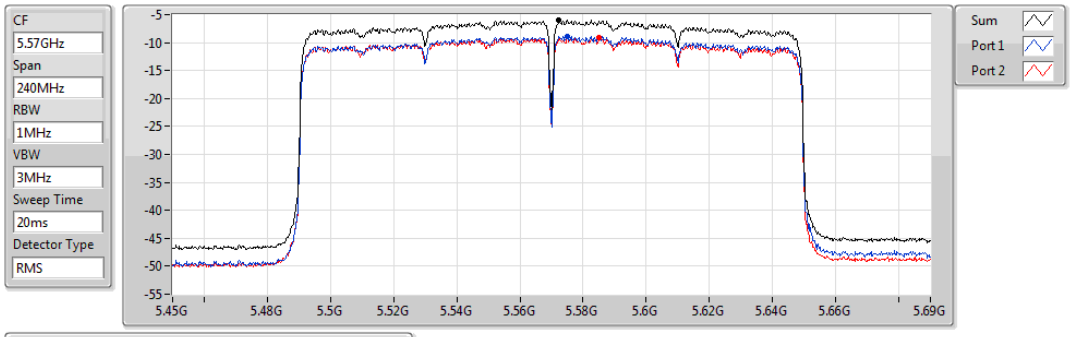


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.44	-6.44	-9.37	-9.37

802.11ax HEW160_Nss2,(MCS0)_2TX **PSD**

5570MHz

26/02/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.03	-6.03	-8.82	-9.11

For Non-beamforming / 4T1S mode
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss1,(MCS0)_4TX	-5.93
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	4.92
802.11ax HEW20_Nss1,(MCS0)_4TX	4.92
802.11ax HEW40_Nss1,(MCS0)_4TX	4.87
802.11ax HEW80_Nss1,(MCS0)_4TX	-0.61
802.11ax HEW160_Nss1,(MCS0)_4TX	-6.07
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	4.95
802.11ax HEW20_Nss1,(MCS0)_4TX	4.94
802.11ax HEW40_Nss1,(MCS0)_4TX	4.94
802.11ax HEW80_Nss1,(MCS0)_4TX	3.98
802.11ax HEW160_Nss1,(MCS0)_4TX	-4.17
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	2.87
802.11ax HEW20_Nss1,(MCS0)_4TX	3.13
802.11ax HEW40_Nss1,(MCS0)_4TX	2.38
802.11ax HEW80_Nss1,(MCS0)_4TX	1.24

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

Result

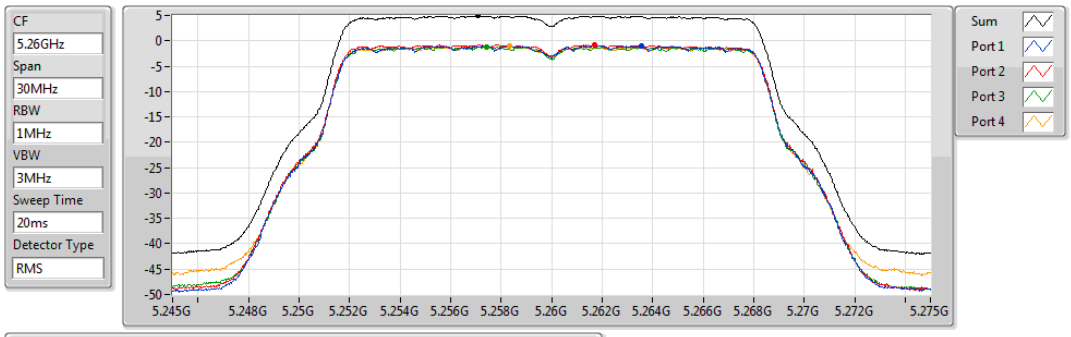
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	12.02	-0.96	-0.81	-1.20	-1.12	4.92	4.98
5300MHz	Pass	12.02	-0.98	-0.78	-1.28	-1.09	4.88	4.98
5320MHz	Pass	12.02	-1.20	-0.73	-1.57	-0.80	4.84	4.98
5500MHz	Pass	12.02	-1.76	-1.44	-1.72	-0.86	4.46	4.98
5580MHz	Pass	12.02	-1.18	-1.27	-1.22	-0.30	4.95	4.98
5700MHz	Pass	12.02	-1.65	-1.60	-1.05	-1.07	4.58	4.98
5720MHz Straddle 5.47-5.725GHz	Pass	12.02	-1.76	-0.98	-0.90	-0.52	4.90	4.98
5720MHz Straddle 5.725-5.85GHz	Pass	12.02	-3.68	-3.38	-2.62	-2.68	2.87	23.98
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	12.02	-1.21	-0.73	-1.11	-1.06	4.92	4.98
5300MHz	Pass	12.02	-1.09	-1.23	-1.12	-1.13	4.82	4.98
5320MHz	Pass	12.02	-1.07	-0.85	-1.15	-1.30	4.86	4.98
5500MHz	Pass	12.02	-1.65	-1.97	-1.78	-0.90	4.40	4.98
5580MHz	Pass	12.02	-1.49	-1.23	-1.29	-0.17	4.94	4.98
5700MHz	Pass	12.02	-5.21	-4.44	-4.82	-3.98	1.35	4.98
5720MHz Straddle 5.47-5.725GHz	Pass	12.02	-1.55	-0.99	-0.97	-0.69	4.90	4.98
5720MHz Straddle 5.725-5.85GHz	Pass	12.02	-3.43	-2.73	-2.75	-2.54	3.13	23.98
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	12.02	-1.08	-0.99	-0.88	-1.42	4.87	4.98
5310MHz	Pass	12.02	-3.63	-3.08	-3.40	-3.93	2.43	4.98
5510MHz	Pass	12.02	-4.37	-4.07	-4.40	-3.17	1.97	4.98
5550MHz	Pass	12.02	-1.60	-1.22	-1.11	-0.22	4.94	4.98
5670MHz	Pass	12.02	-3.46	-2.89	-3.31	-2.70	2.83	4.98
5710MHz Straddle 5.47-5.725GHz	Pass	12.02	-2.18	-0.81	-1.17	-0.74	4.80	4.98
5710MHz Straddle 5.725-5.85GHz	Pass	12.02	-4.41	-3.05	-3.51	-3.20	2.38	23.98
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	12.02	-6.73	-6.65	-6.23	-6.85	-0.61	4.98
5530MHz	Pass	12.02	-6.59	-6.83	-7.25	-5.80	-0.72	4.98
5610MHz	Pass	12.02	-4.77	-4.83	-4.95	-4.16	1.26	4.98
5690MHz Straddle 5.47-5.725GHz	Pass	12.02	-2.07	-1.87	-2.04	-1.65	3.98	4.98
5690MHz Straddle 5.725-5.85GHz	Pass	12.02	-5.00	-4.42	-5.00	-4.41	1.24	23.98
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	12.02	-11.96	-12.23	-11.95	-11.65	-5.93	10.98
5250MHz Straddle 5.25-5.35GHz	Pass	12.02	-11.85	-12.37	-11.98	-11.86	-6.07	4.98
5570MHz	Pass	12.02	-9.93	-10.25	-10.20	-9.75	-4.17	4.98

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 Xpower density;

802.11a_Nss1,(6Mbps)_4TX PSD

5260MHz

26/02/2019

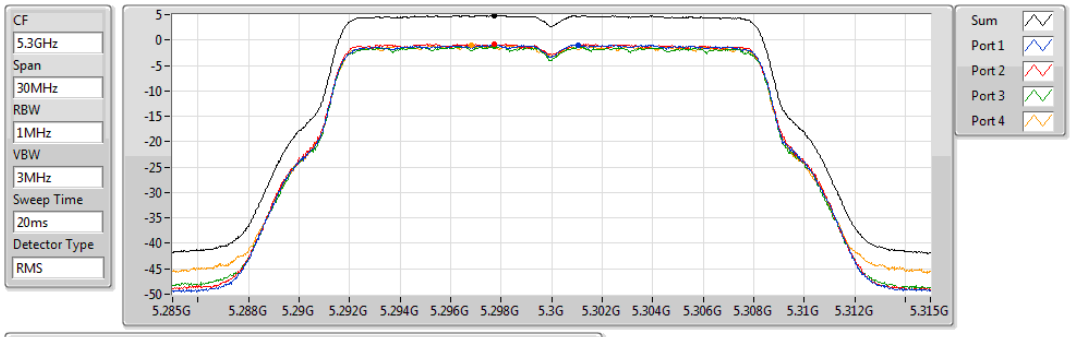


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.92	4.92	-0.96	-0.81	-1.20	-1.12

802.11a_Nss1,(6Mbps)_4TX PSD

5300MHz

26/02/2019

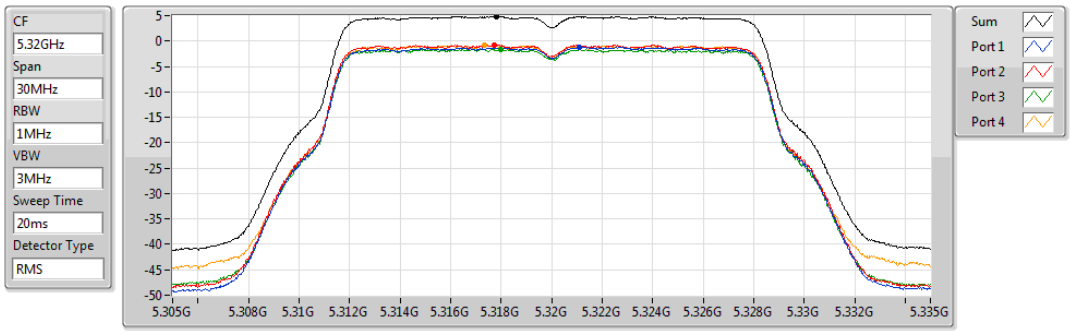


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.88	4.88	-0.98	-0.78	-1.28	-1.09

802.11a_Nss1,(6Mbps)_4TX PSD

5320MHz

26/02/2019

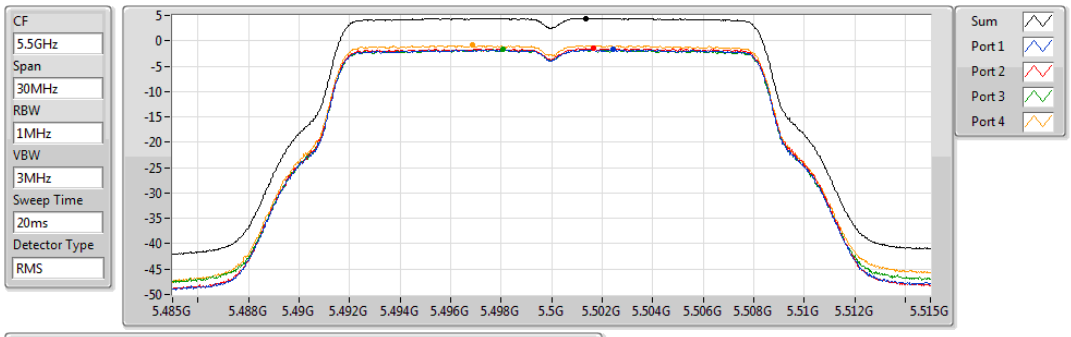


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.84	4.84	-1.20	-0.73	-1.57	-0.80

802.11a_Nss1,(6Mbps)_4TX PSD

5500MHz

26/02/2019

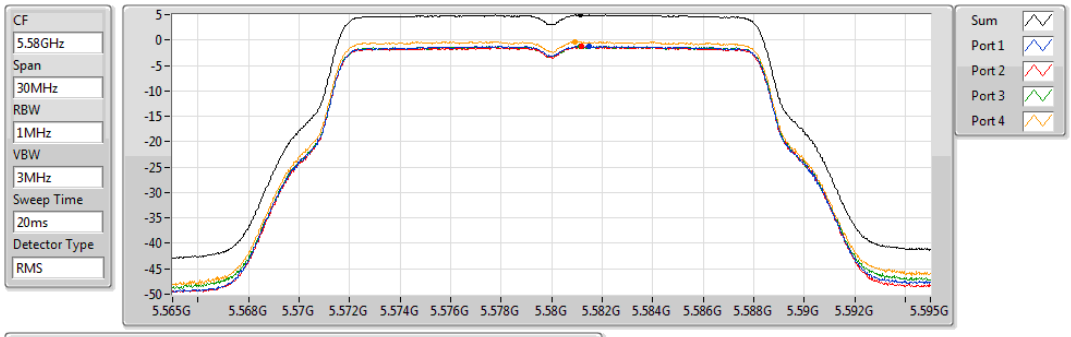


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.46	4.46	-1.76	-1.44	-1.72	-0.86

802.11a_Nss1,(6Mbps)_4TX PSD

5580MHz

26/02/2019

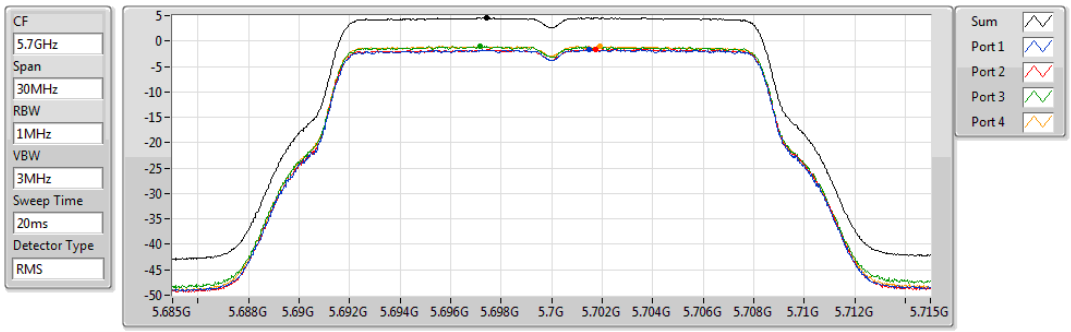


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.95	4.95	-1.18	-1.27	-1.22	-0.30

802.11a_Nss1,(6Mbps)_4TX PSD

5700MHz

26/02/2019

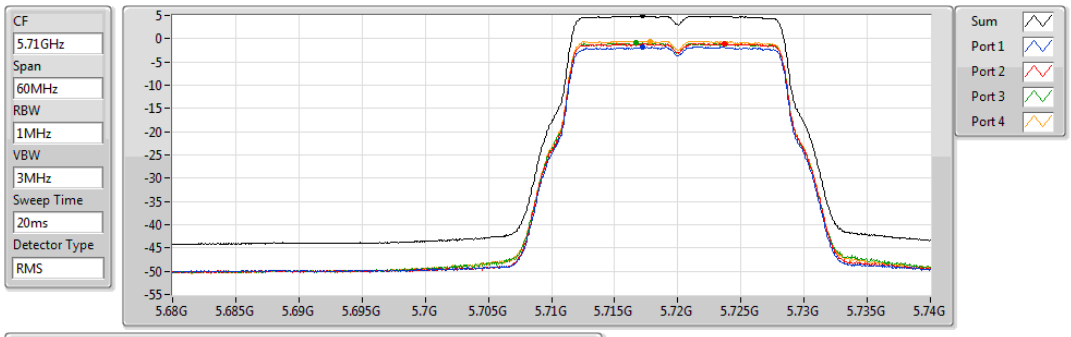


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.58	4.58	-1.65	-1.60	-1.05	-1.07

802.11a_Nss1,(6Mbps)_4TX PSD

5720MHz Straddle 5.47-5.725GHz

26/02/2019

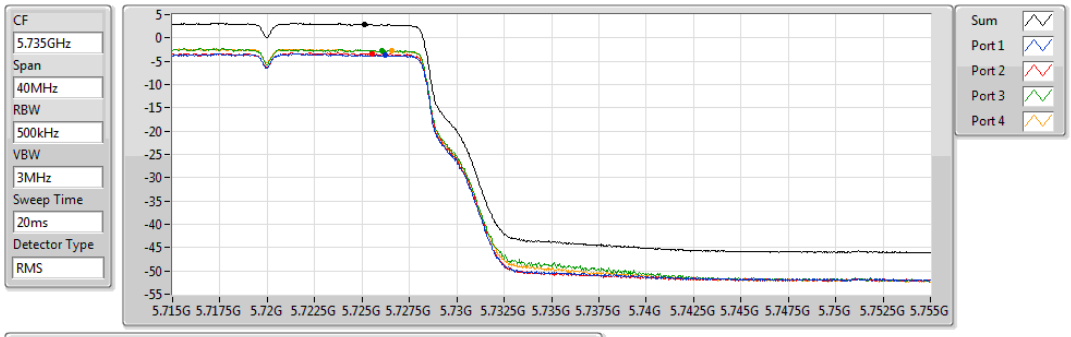


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.90	4.90	-1.76	-0.98	-0.90	-0.52

802.11a_Nss1,(6Mbps)_4TX PSD

5720MHz Straddle 5.725-5.85GHz

26/02/2019

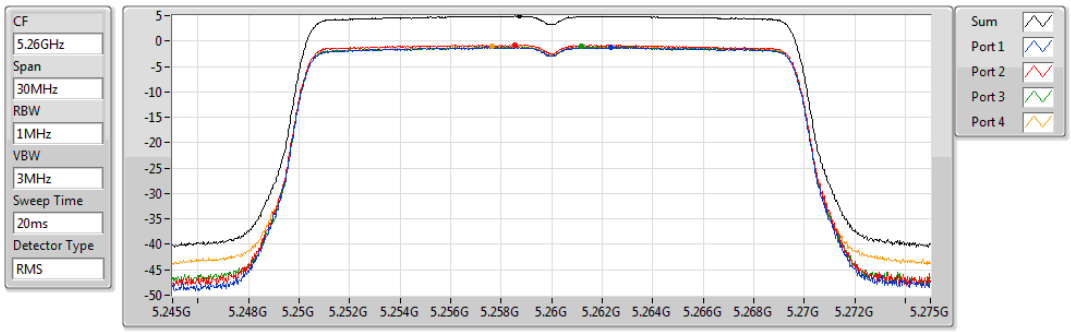


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.87	2.87	-3.68	-3.38	-2.62	-2.68

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5260MHz

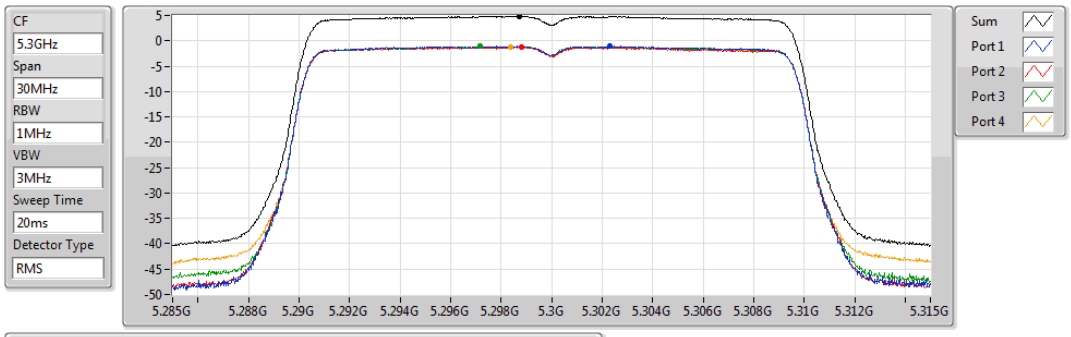
26/02/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.92	4.92	-1.21	-0.73	-1.11	-1.06

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

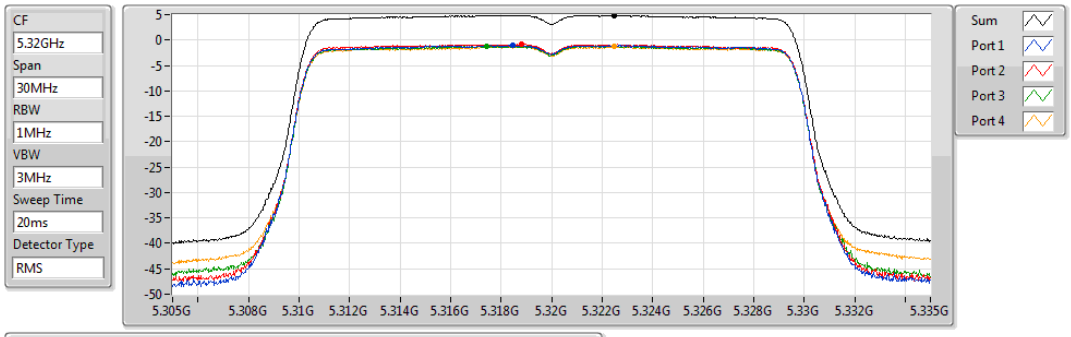
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.82	4.82	-1.09	-1.23	-1.12	-1.13

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

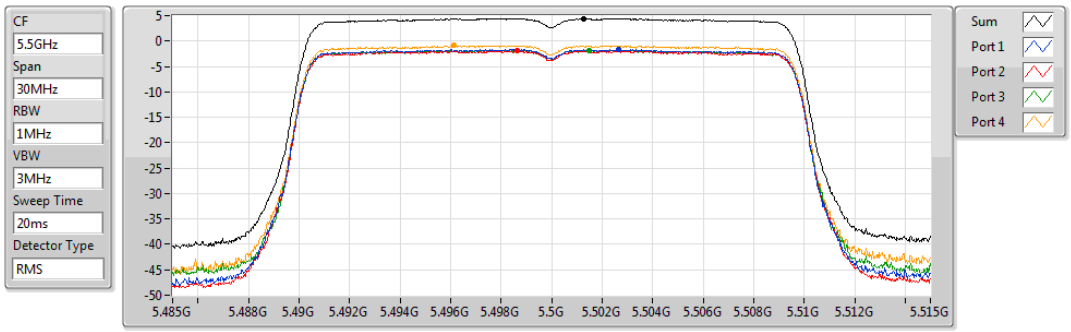
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.86	4.86	-1.07	-0.85	-1.15	-1.30

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5500MHz

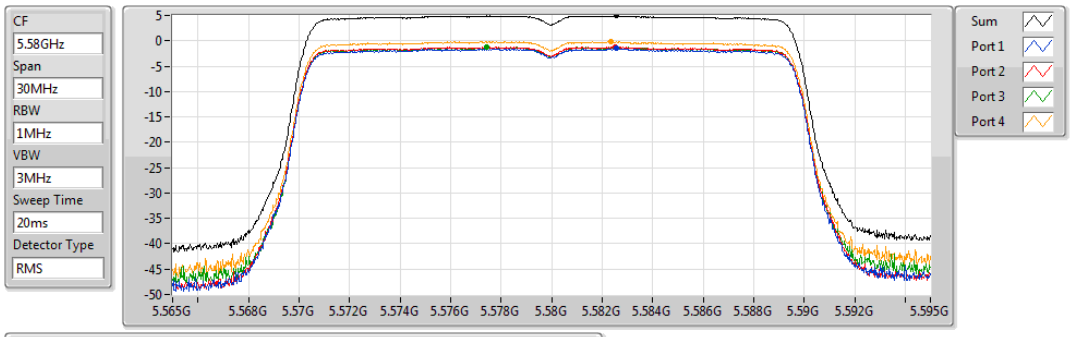


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.40	4.40	-1.65	-1.97	-1.78	-0.90

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5580MHz

26/02/2019

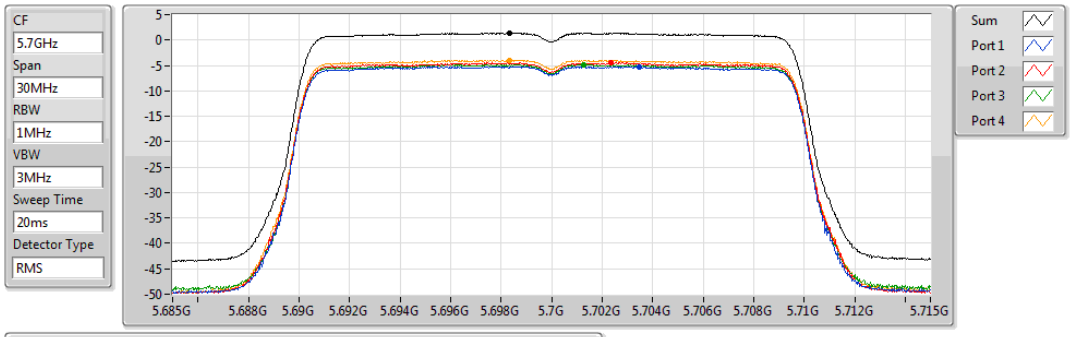


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.94	4.94	-1.49	-1.23	-1.29	-0.17

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5700MHz

26/02/2019

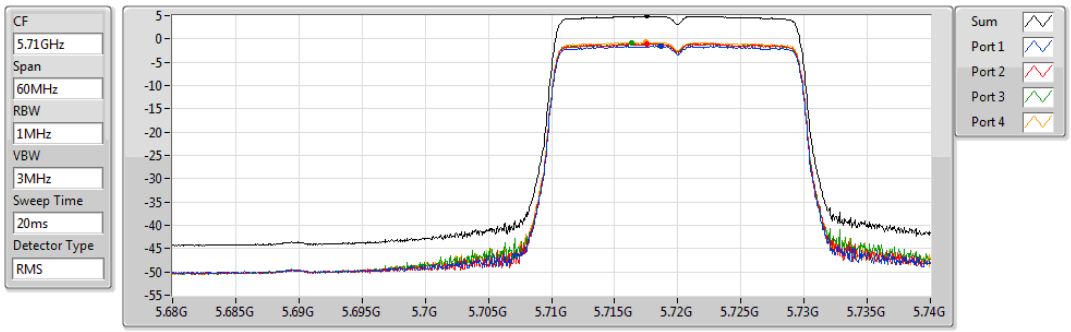


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.35	1.35	-5.21	-4.44	-4.82	-3.98

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.47-5.725GHz

26/02/2019

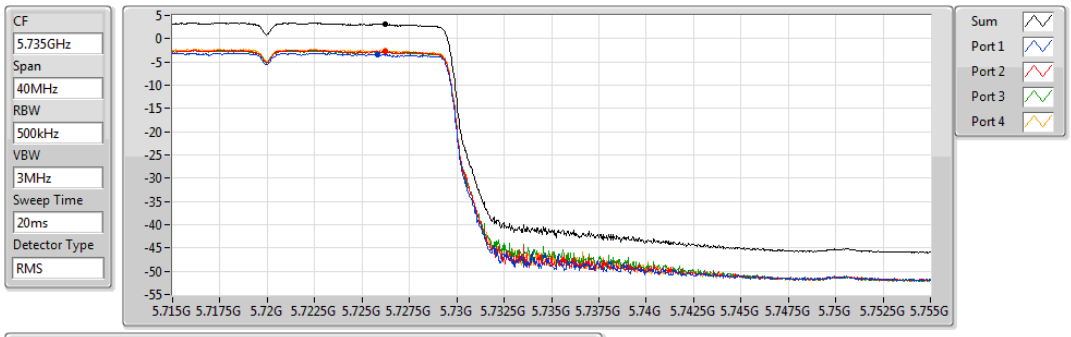


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.90	4.90	-1.55	-0.99	-0.97	-0.69

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.725-5.85GHz

26/02/2019

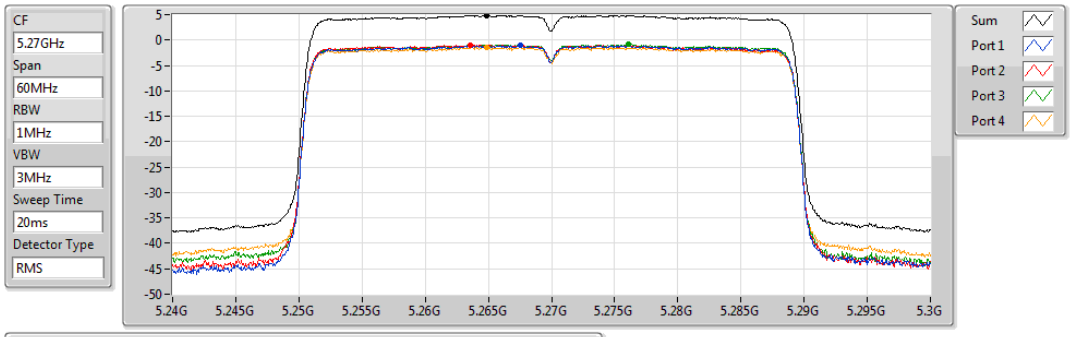


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.13	3.13	-3.43	-2.73	-2.75	-2.54

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5270MHz

26/02/2019

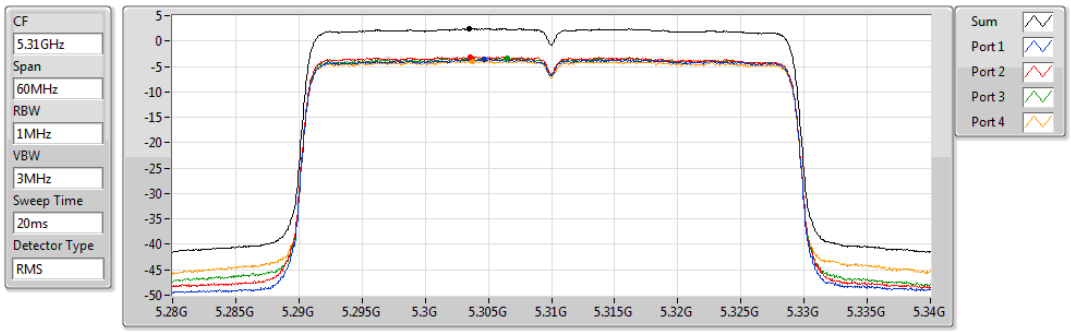


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.87	4.87	-1.08	-0.99	-0.88	-1.42

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5310MHz

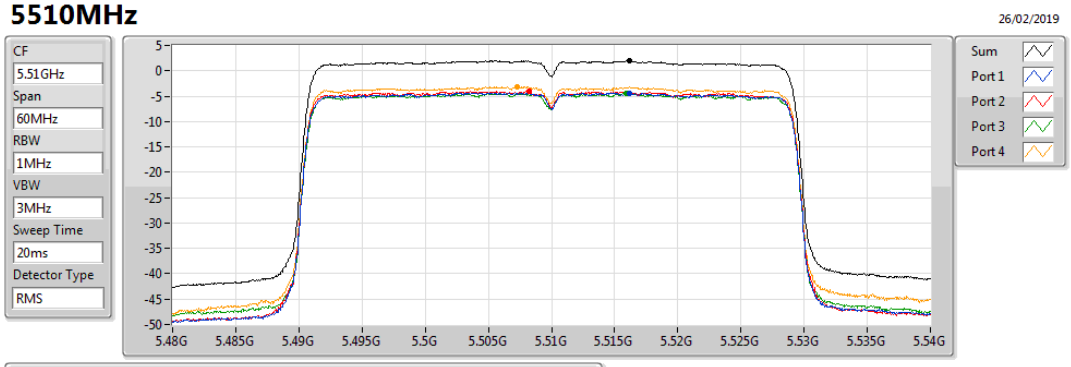
26/02/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.43	2.43	-3.63	-3.08	-3.40	-3.93

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

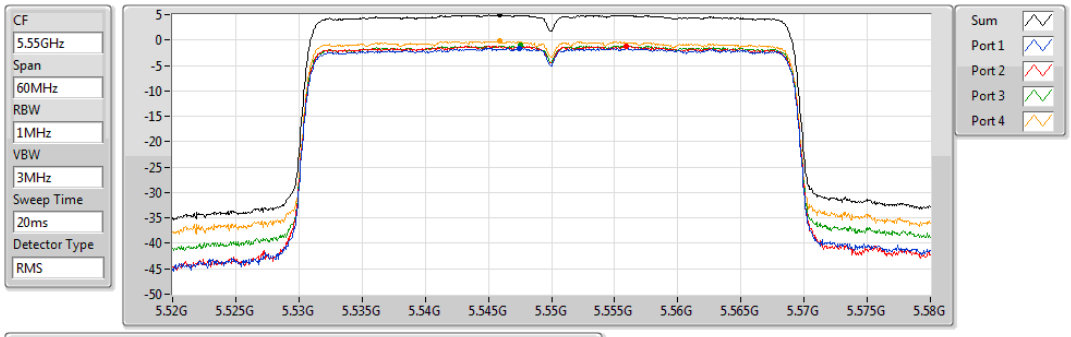
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.97	1.97	-4.37	-4.07	-4.40	-3.17

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

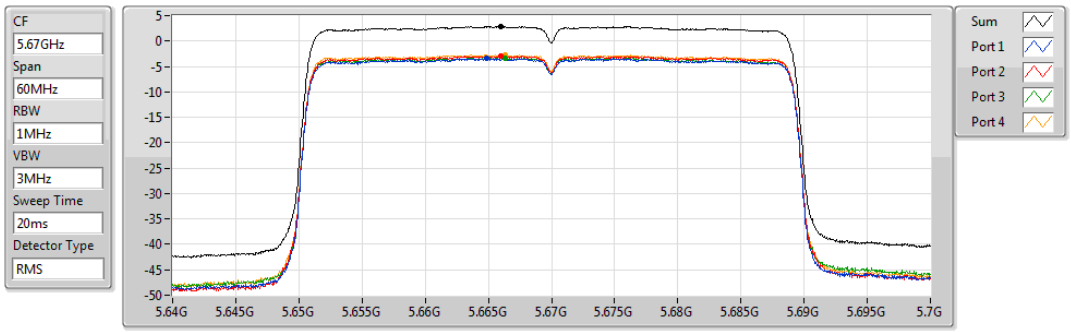
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.94	4.94	-1.60	-1.22	-1.11	-0.22

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5670MHz

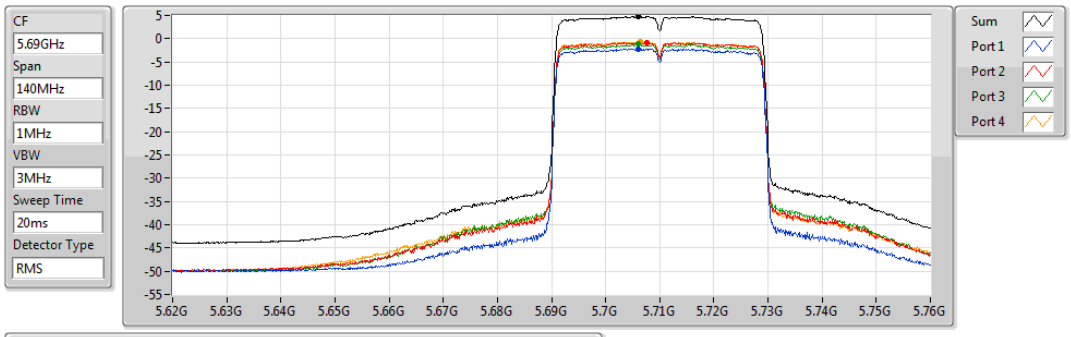


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.83	2.83	-3.46	-2.89	-3.31	-2.70

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5710MHz Straddle 5.47-5.725GHz

27/02/2019

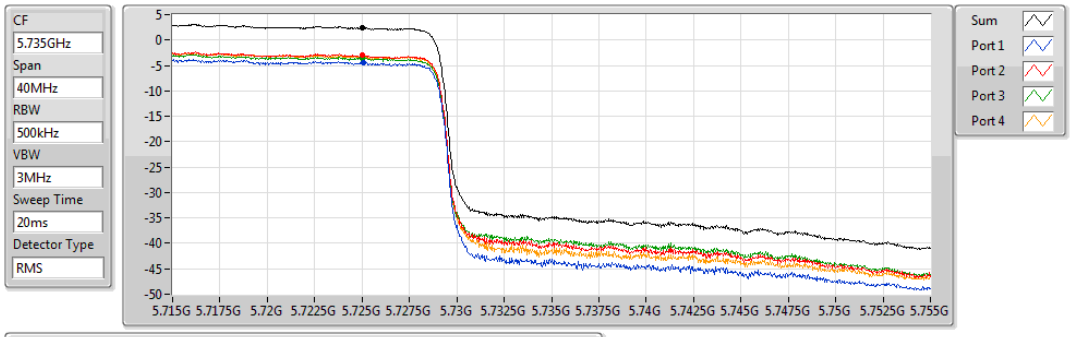


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.80	4.80	-2.18	-0.81	-1.17	-0.74

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5710MHz Straddle 5.725-5.85GHz

27/02/2019

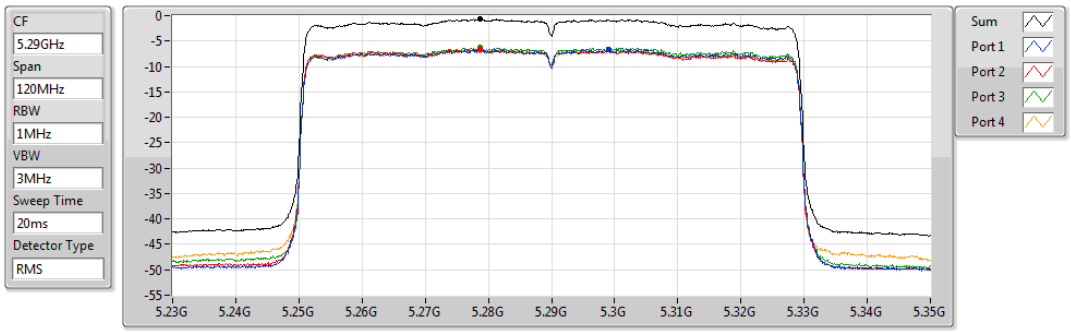


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.38	2.38	-4.41	-3.05	-3.51	-3.20

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5290MHz

27/02/2019

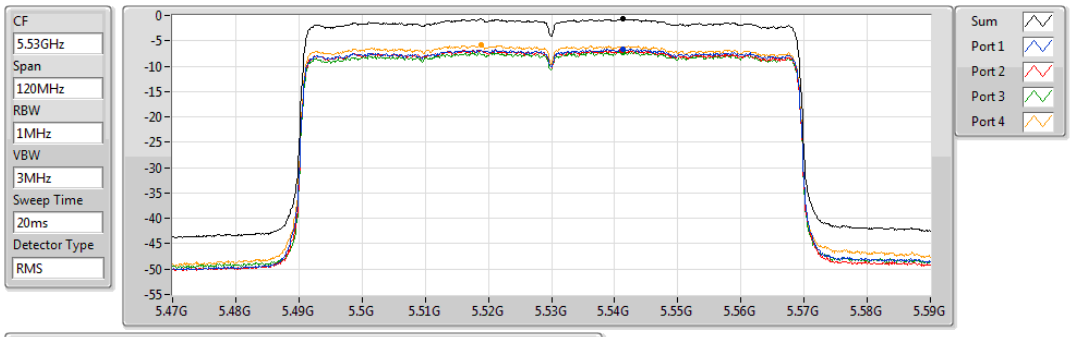


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.61	-0.61	-6.73	-6.65	-6.23	-6.85

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5530MHz

27/02/2019

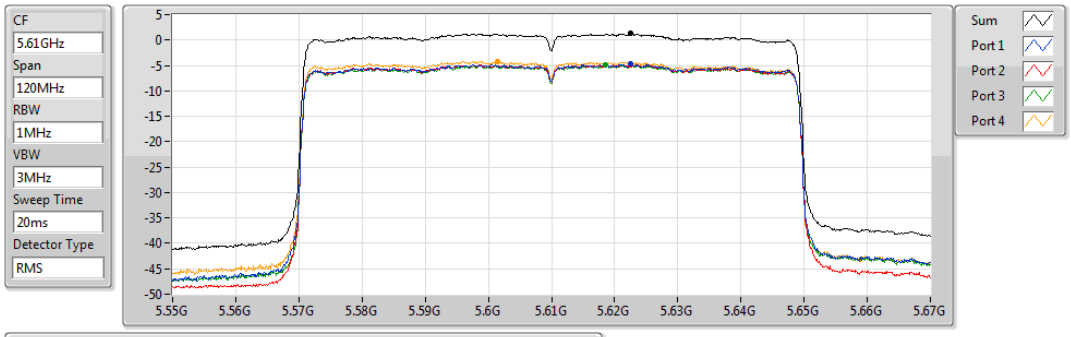


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.72	-0.72	-6.59	-6.83	-7.25	-5.80

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5610MHz

27/02/2019

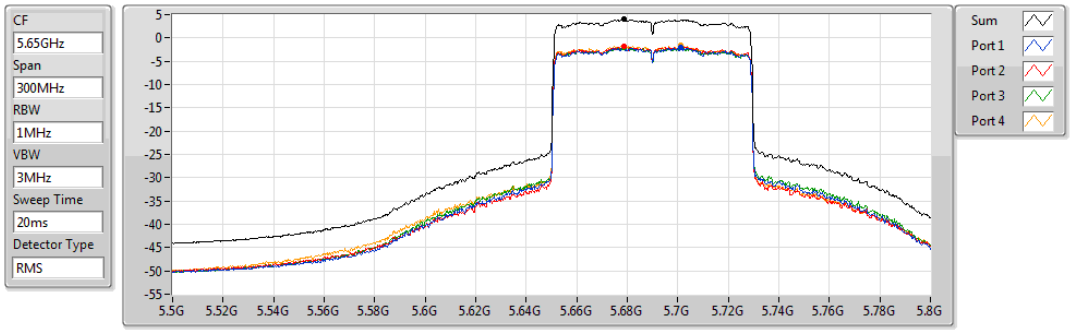


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.26	1.26	-4.77	-4.83	-4.95	-4.16

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.47-5.725GHz

27/02/2019

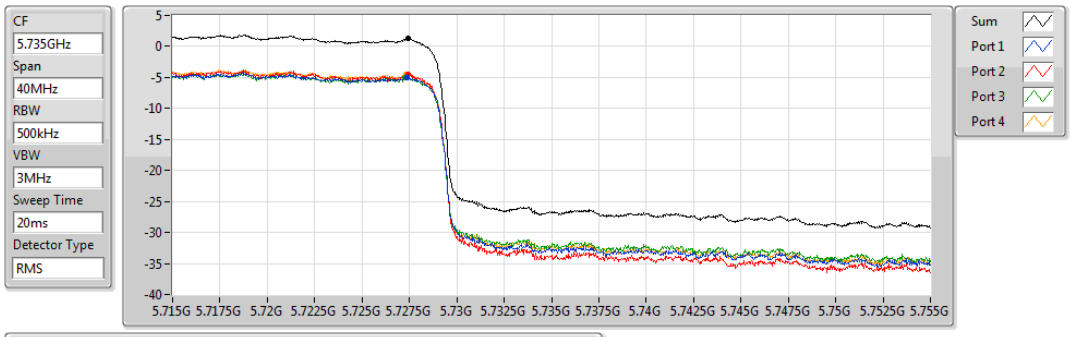


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.98	3.98	-2.07	-1.87	-2.04	-1.65

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.725-5.85GHz

27/02/2019

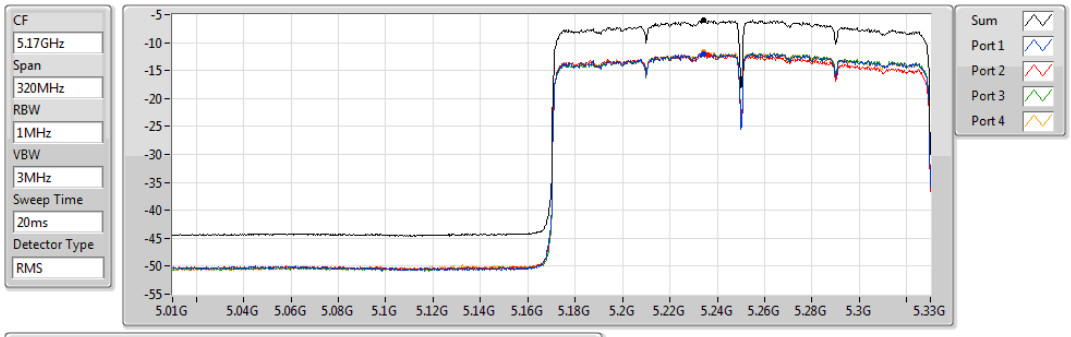


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.24	1.24	-5.00	-4.42	-5.00	-4.41

802.11ax HEW160_Nss1,(MCS0)_4TX PSD

5250MHz Straddle 5.15-5.25GHz

27/02/2019

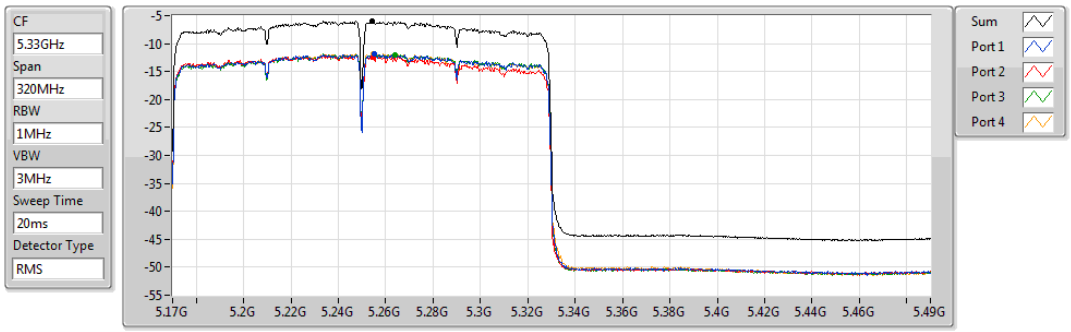


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.93	-5.93	-11.96	-12.23	-11.95	-11.65

802.11ax HEW160_Nss1,(MCS0)_4TX PSD

5250MHz Straddle 5.25-5.35GHz

27/02/2019

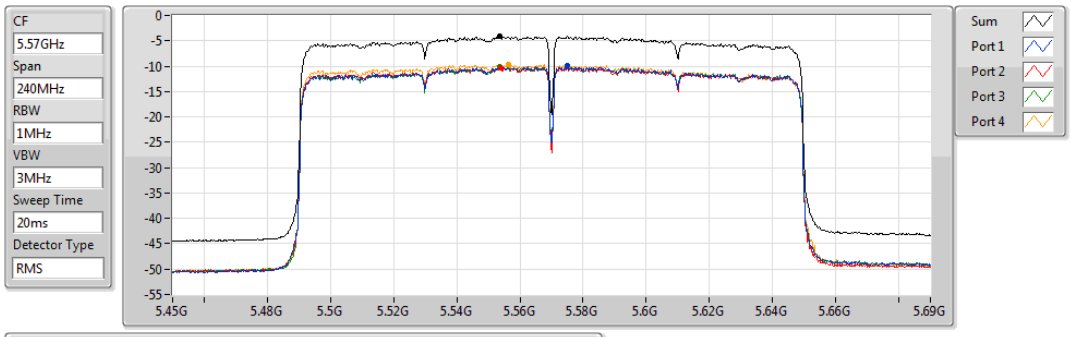


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.07	-6.07	-11.85	-12.37	-11.98	-11.86

802.11ax HEW160_Nss1,(MCS0)_4TX **PSD**

5570MHz

27/02/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.17	-4.17	-9.93	-10.25	-10.20	-9.75

For Beamforming / 4T1S mode
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-5.52
5.25-5.35GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.65
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	1.66
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-1.31
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-5.43
5.47-5.725GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.72
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	1.85
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-1.40
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-5.81
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	2.64
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-0.13
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-4.06

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

Result

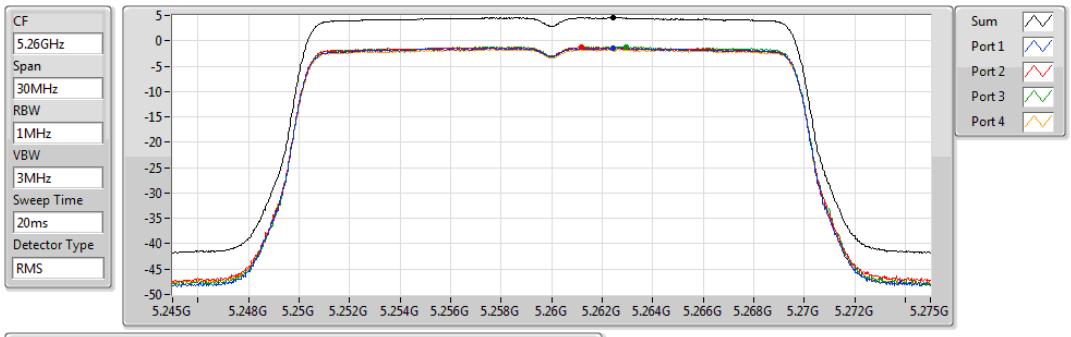
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	12.02	-1.42	-1.27	-1.15	-1.64	4.58	4.98
5300MHz	Pass	12.02	-1.35	-1.54	-0.98	-1.50	4.61	4.98
5320MHz	Pass	12.02	-1.62	-1.35	-1.05	-1.41	4.65	4.98
5500MHz	Pass	12.02	-2.45	-1.40	-0.97	-0.82	4.52	4.98
5580MHz	Pass	12.02	-2.20	-1.49	-0.53	-0.73	4.72	4.98
5700MHz	Pass	12.02	-2.35	-1.32	-0.79	-1.44	4.50	4.98
5720MHz Straddle 5.47-5.725GHz	Pass	12.02	-2.36	-1.80	-1.09	-1.73	4.23	4.98
5720MHz Straddle 5.725-5.85GHz	Pass	12.02	-3.93	-3.31	-2.81	-3.31	2.64	23.98
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	12.02	-4.16	-3.94	-4.17	-4.72	1.66	4.98
5310MHz	Pass	12.02	-4.29	-3.97	-4.30	-4.67	1.65	4.98
5510MHz	Pass	12.02	-8.21	-6.79	-6.56	-6.58	-1.12	4.98
5550MHz	Pass	12.02	-5.23	-4.32	-3.70	-3.78	1.68	4.98
5670MHz	Pass	12.02	-5.17	-4.48	-3.49	-3.85	1.77	4.98
5710MHz Straddle 5.47-5.725GHz	Pass	12.02	-4.99	-4.12	-3.53	-3.86	1.85	4.98
5710MHz Straddle 5.725-5.85GHz	Pass	12.02	-6.95	-6.04	-5.61	-5.85	-0.13	23.98
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	12.02	-7.24	-7.54	-6.68	-7.57	-1.31	4.98
5530MHz	Pass	12.02	-8.15	-7.29	-7.27	-6.56	-1.41	4.98
5610MHz	Pass	12.02	-8.47	-7.42	-6.74	-6.96	-1.40	4.98
5690MHz Straddle 5.47-5.725GHz	Pass	12.02	-8.22	-7.36	-6.84	-7.09	-1.45	4.98
5690MHz Straddle 5.725-5.85GHz	Pass	12.02	-10.87	-9.63	-9.87	-9.88	-4.06	23.98
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	12.02	-11.49	-10.97	-11.60	-11.80	-5.52	10.98
5250MHz Straddle 5.25-5.35GHz	Pass	12.02	-11.51	-11.25	-10.99	-11.39	-5.43	4.98
5570MHz	Pass	12.02	-12.23	-11.95	-11.52	-11.28	-5.81	4.98

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 Xpower density;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5260MHz

27/02/2019

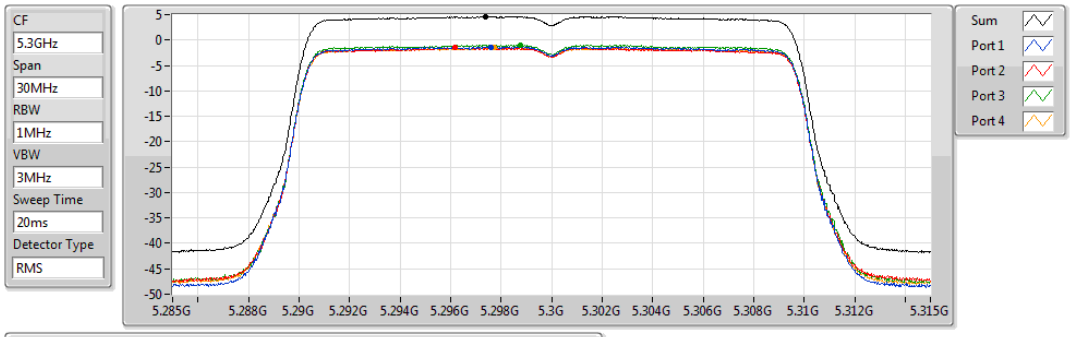


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.58	4.58	-1.42	-1.27	-1.15	-1.64

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5300MHz

27/02/2019

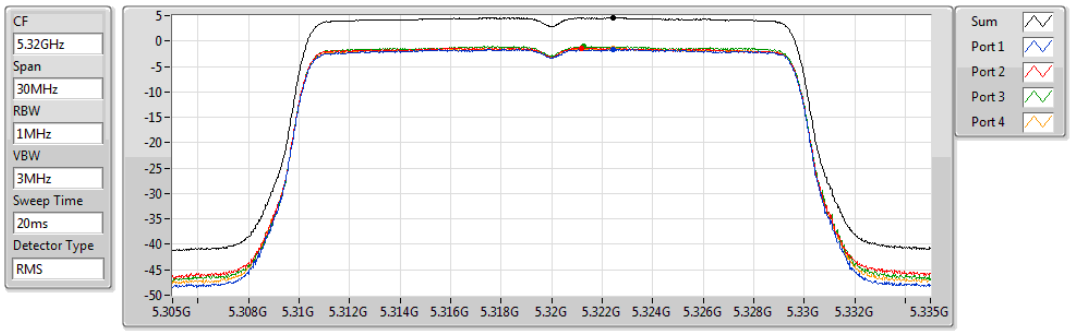


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.61	4.61	-1.35	-1.54	-0.98	-1.50

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5320MHz

27/02/2019

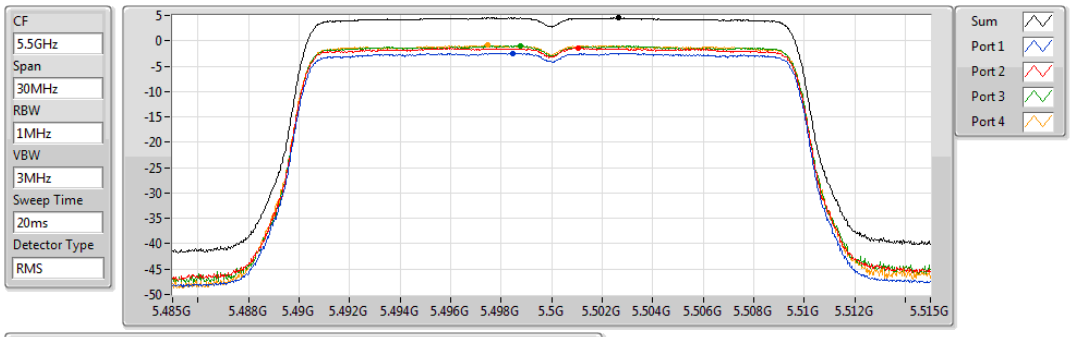


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.65	4.65	-1.62	-1.35	-1.05	-1.41

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5500MHz

27/02/2019

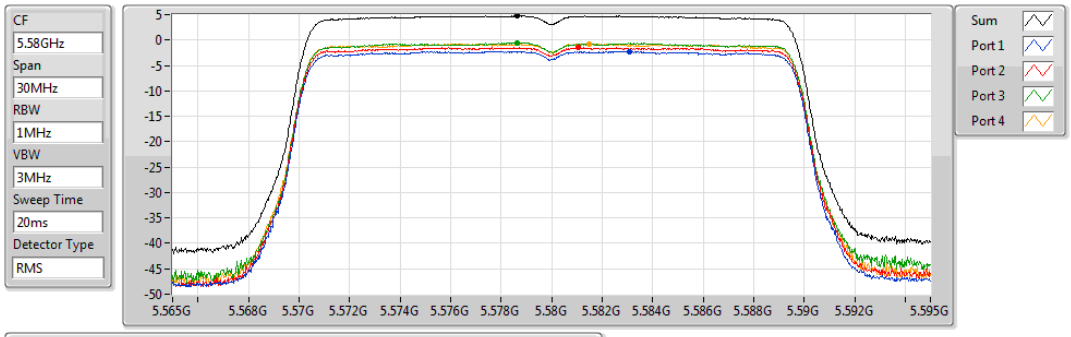


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.52	4.52	-2.45	-1.40	-0.97	-0.82

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5580MHz

27/02/2019

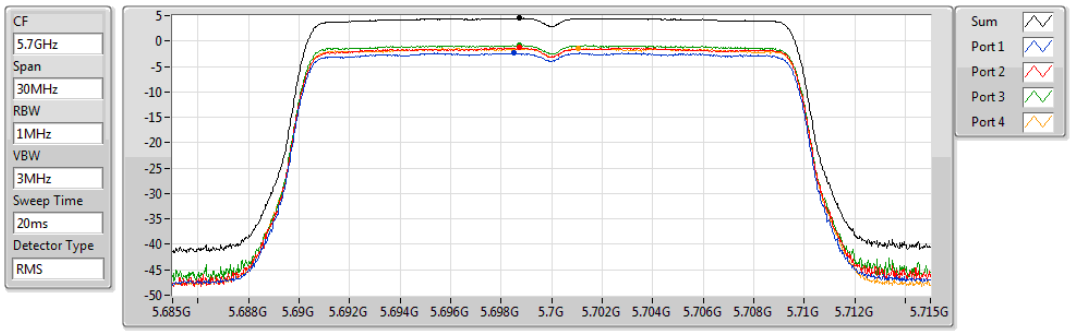


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.72	4.72	-2.20	-1.49	-0.53	-0.73

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5700MHz

27/02/2019

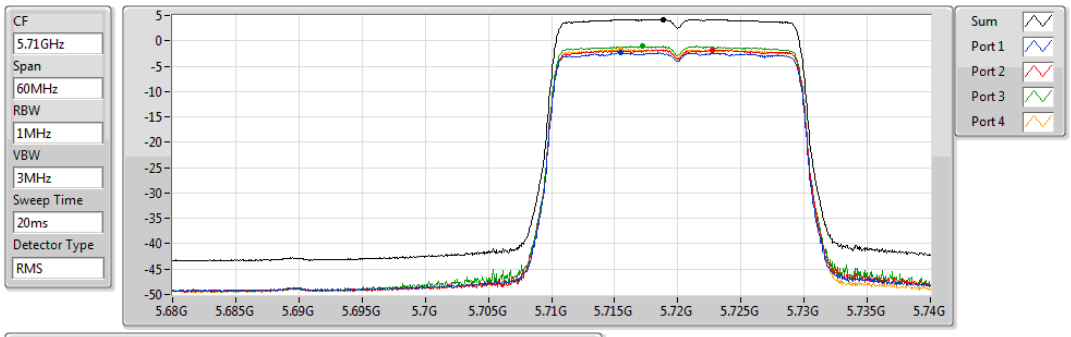


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.50	4.50	-2.35	-1.32	-0.79	-1.44

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

5720MHz Straddle 5.47-5.725GHz

27/02/2019

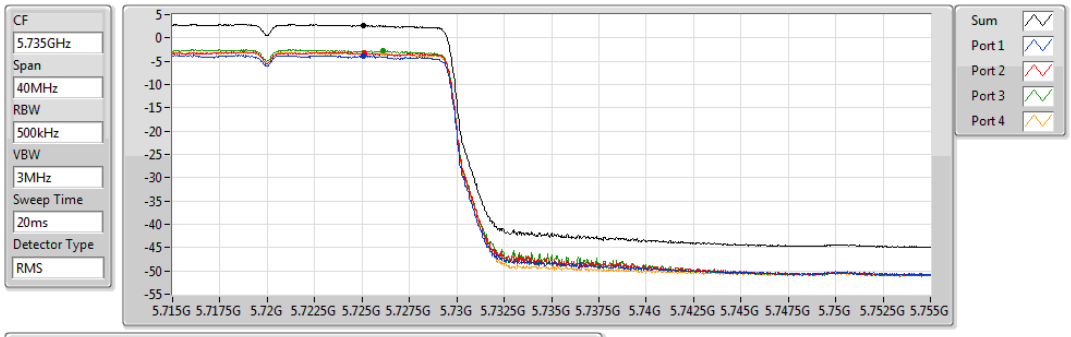


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.23	4.23	-2.36	-1.80	-1.09	-1.73

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

5720MHz Straddle 5.725-5.85GHz

27/02/2019

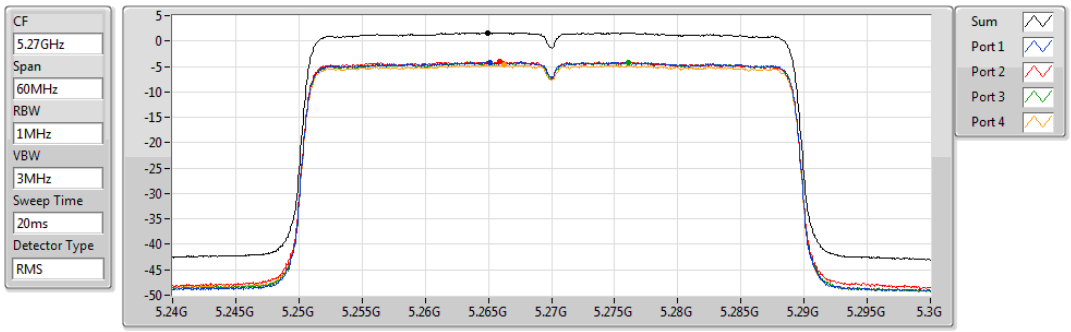


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.64	2.64	-3.93	-3.31	-2.81	-3.31

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

5270MHz

27/02/2019

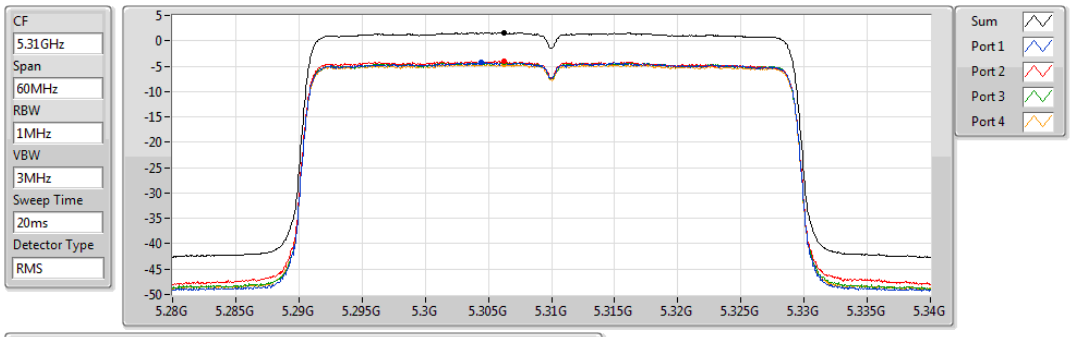


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.66	1.66	-4.16	-3.94	-4.17	-4.72

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5310MHz

27/02/2019

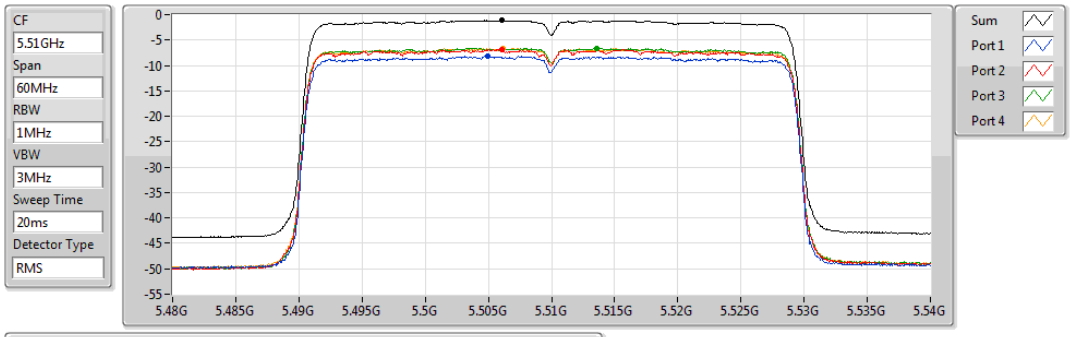


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.65	1.65	-4.29	-3.97	-4.30	-4.67

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5510MHz

27/02/2019

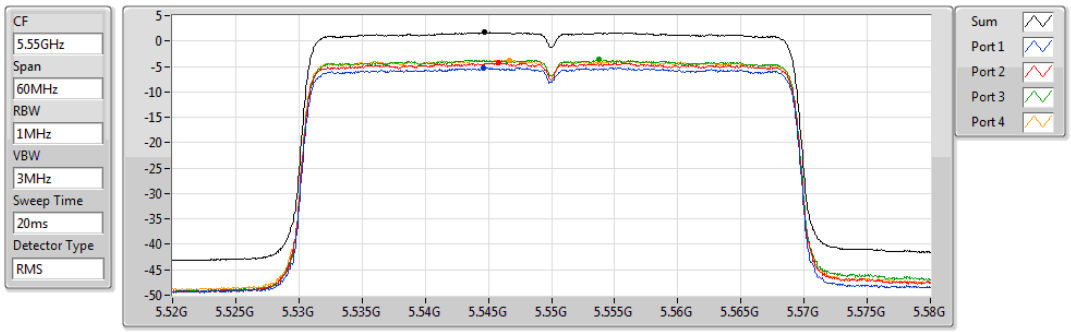


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.12	-1.12	-8.21	-6.79	-6.56	-6.58

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5550MHz

27/02/2019

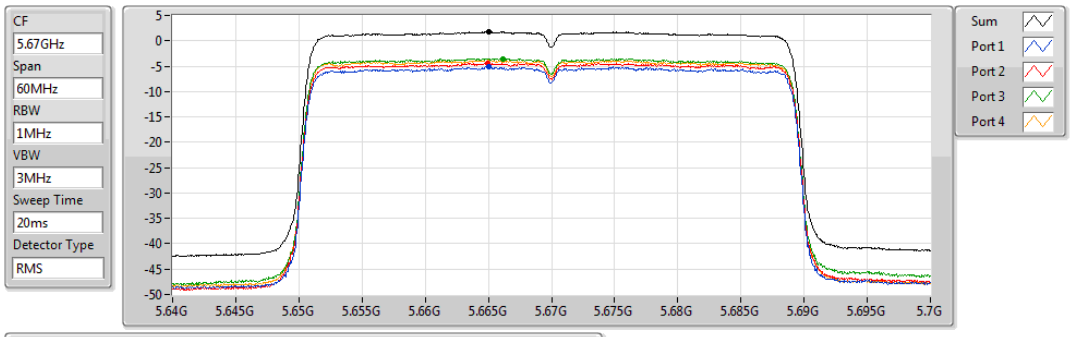


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.68	1.68	-5.23	-4.32	-3.70	-3.78

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5670MHz

27/02/2019

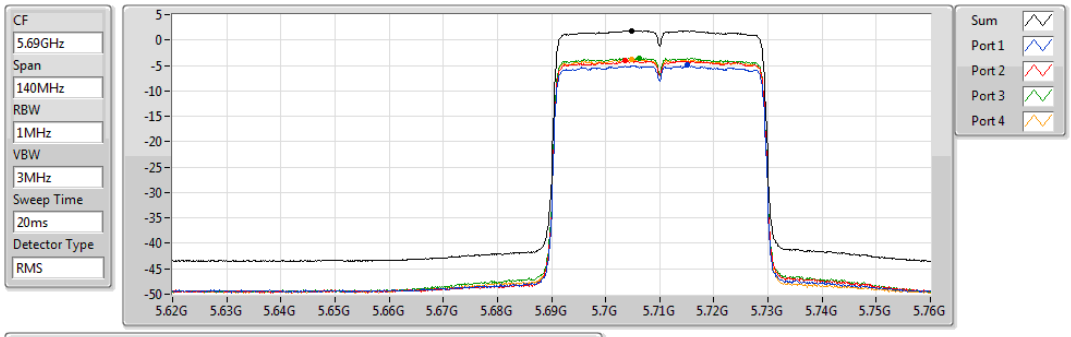


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.77	1.77	-5.17	-4.48	-3.49	-3.85

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5710MHz Straddle 5.47-5.725GHz

27/02/2019

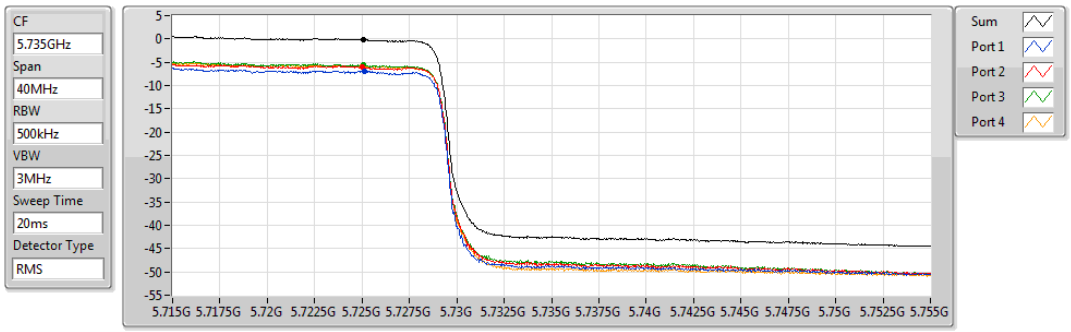


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.85	1.85	-4.99	-4.12	-3.53	-3.86

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5710MHz Straddle 5.725-5.85GHz

27/02/2019

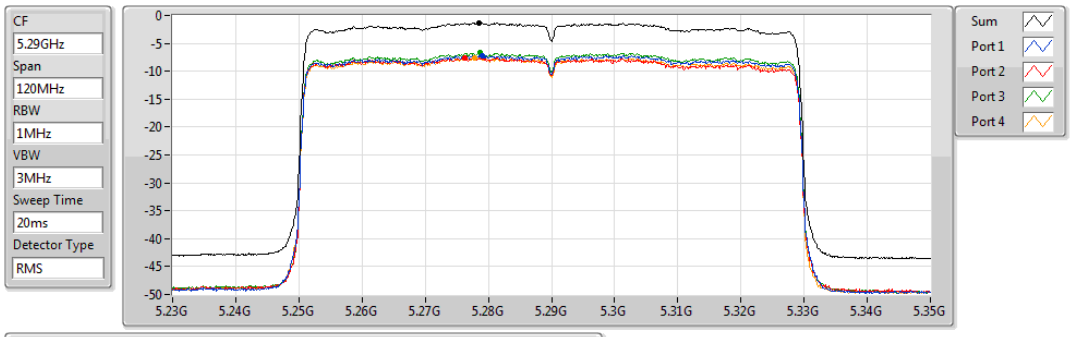


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.13	-0.13	-6.95	-6.04	-5.61	-5.85

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5290MHz

27/02/2019

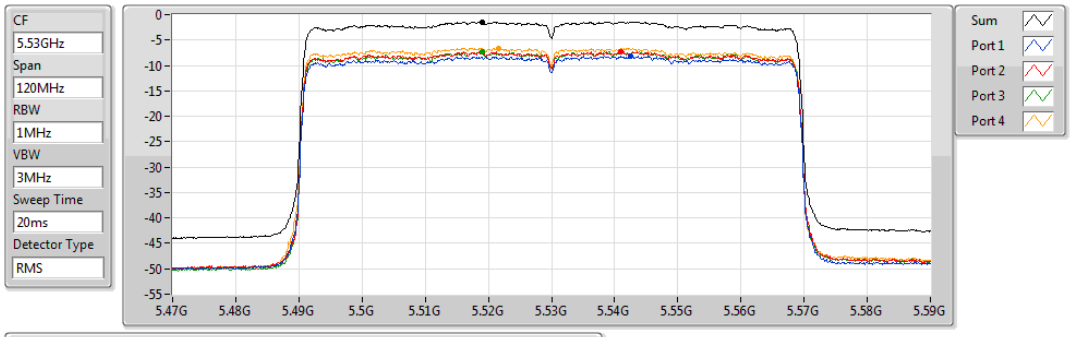


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.31	-1.31	-7.24	-7.54	-6.68	-7.57

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5530MHz

27/02/2019

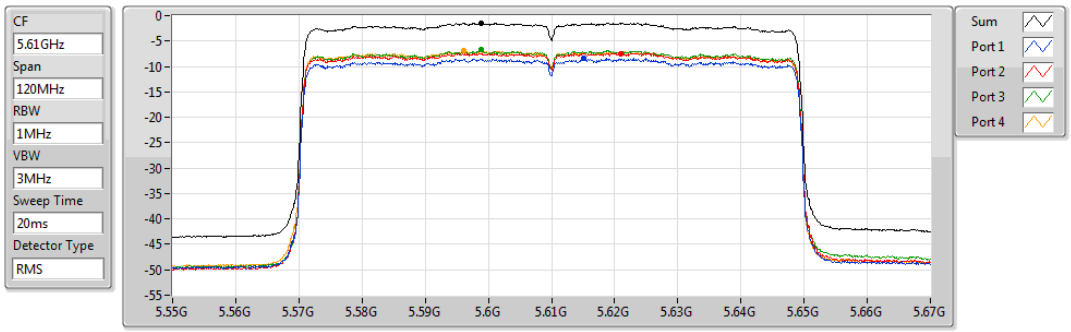


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.41	-1.41	-8.15	-7.29	-7.27	-6.56

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5610MHz

27/02/2019

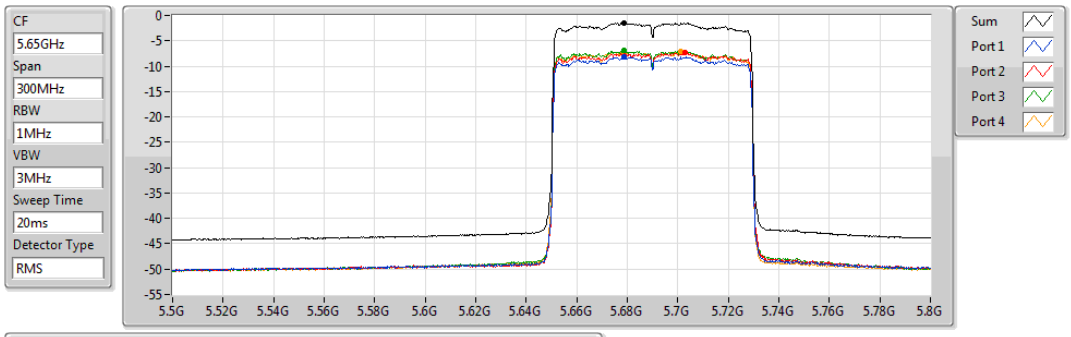


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.40	-1.40	-8.47	-7.42	-6.74	-6.96

802.11ax HEW80-BF_Nss1,(MCS0)_4TX **PSD**

5690MHz Straddle 5.47-5.725GHz

27/02/2019

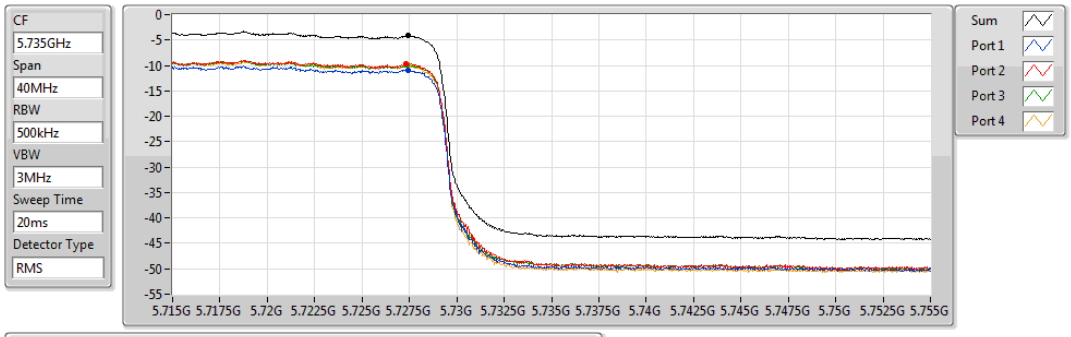


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.45	-1.45	-8.22	-7.36	-6.84	-7.09

802.11ax HEW80-BF_Nss1,(MCS0)_4TX **PSD**

5690MHz Straddle 5.725-5.85GHz

27/02/2019

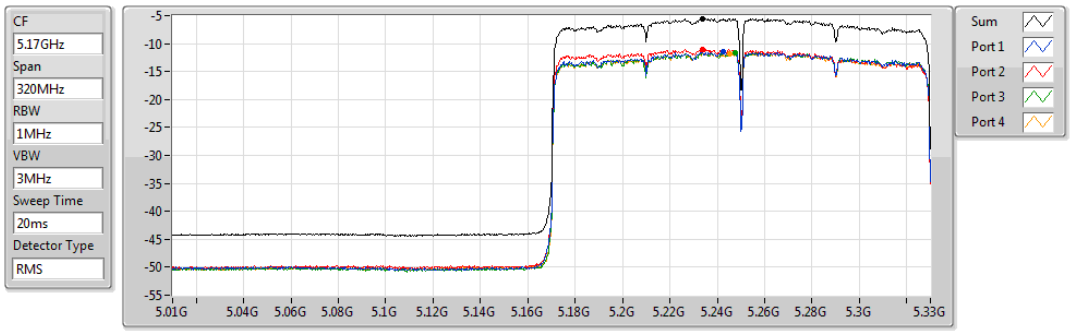


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.06	-4.06	-10.87	-9.63	-9.87	-9.88

802.11ax HEW160-BF_Nss1,(MCS0)_4TX **PSD**

5250MHz Straddle 5.15-5.25GHz

28/02/2019

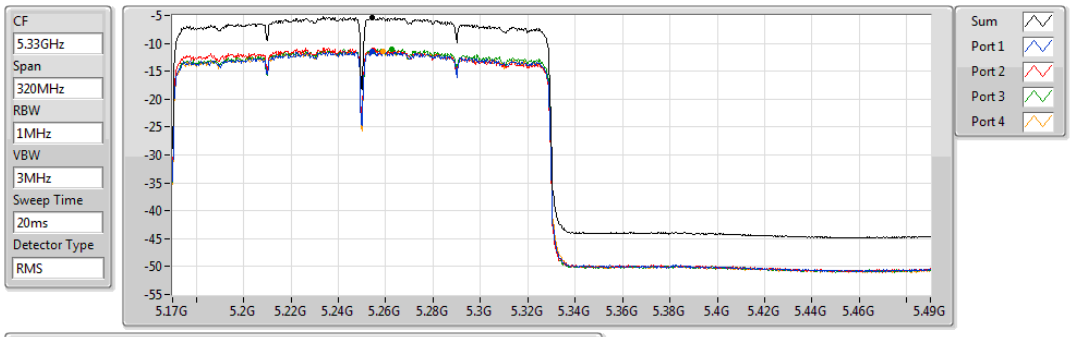


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.52	-5.52	-11.49	-10.97	-11.60	-11.80

802.11ax HEW160-BF_Nss1,(MCS0)_4TX **PSD**

5250MHz Straddle 5.25-5.35GHz

28/02/2019

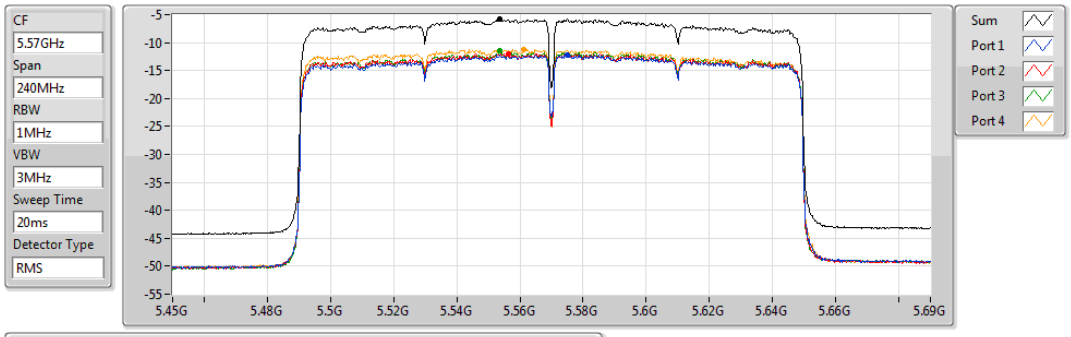


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.43	-5.43	-11.51	-11.25	-10.99	-11.39

802.11ax HEW160-BF_Nss1,(MCS0)_4TX **PSD**

5570MHz

27/02/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.81	-5.81	-12.23	-11.95	-11.52	-11.28

For Non-beamforming / 4T4S mode
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss4,(MCS0)_4TX	-5.59
5.25-5.35GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	10.29
802.11ax HEW40_Nss4,(MCS0)_4TX	6.93
802.11ax HEW80_Nss4,(MCS0)_4TX	-0.45
802.11ax HEW160_Nss4,(MCS0)_4TX	-5.57
5.47-5.725GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	10.92
802.11ax HEW40_Nss4,(MCS0)_4TX	7.94
802.11ax HEW80_Nss4,(MCS0)_4TX	4.26
802.11ax HEW160_Nss4,(MCS0)_4TX	-4.61
5.725-5.85GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	9.07
802.11ax HEW40_Nss4,(MCS0)_4TX	5.98
802.11ax HEW80_Nss4,(MCS0)_4TX	1.78

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

Result

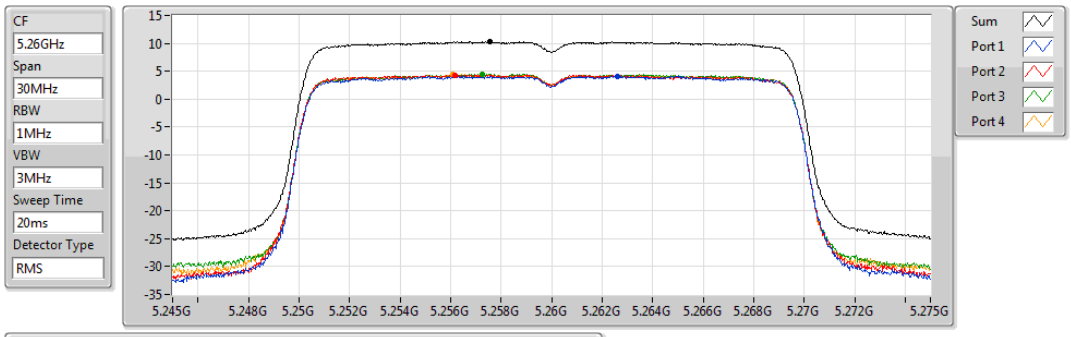
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	6.00	4.14	4.33	4.49	4.49	10.29	11.00
5300MHz	Pass	6.00	4.29	4.40	4.16	4.16	10.16	11.00
5320MHz	Pass	6.00	1.92	2.11	1.51	2.29	7.86	11.00
5500MHz	Pass	6.00	1.03	1.00	0.67	2.04	7.10	11.00
5580MHz	Pass	6.00	3.65	3.91	4.35	5.10	10.20	11.00
5700MHz	Pass	6.00	-0.23	0.22	0.29	0.69	6.13	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	6.00	4.47	4.99	5.06	5.43	10.92	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	6.00	2.88	3.15	3.01	3.39	9.07	30.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	6.00	0.86	1.35	1.09	0.93	6.93	11.00
5310MHz	Pass	6.00	-3.68	-3.03	-2.96	-3.87	2.53	11.00
5510MHz	Pass	6.00	-4.99	-4.85	-4.76	-3.71	1.40	11.00
5550MHz	Pass	6.00	-0.27	0.71	0.20	1.49	6.49	11.00
5670MHz	Pass	6.00	-4.19	-3.88	-3.81	-3.33	2.12	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	6.00	1.13	2.50	2.03	2.38	7.94	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	6.00	-0.66	0.52	0.09	0.36	5.98	30.00
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	6.00	-6.43	-6.32	-5.83	-6.89	-0.45	11.00
5530MHz	Pass	6.00	-6.53	-6.50	-6.51	-5.29	-0.32	11.00
5610MHz	Pass	6.00	-3.90	-2.74	-3.50	-2.62	2.72	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	6.00	-1.91	-1.55	-1.77	-1.35	4.26	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	6.00	-4.27	-3.99	-4.31	-4.04	1.78	30.00
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.00	-11.47	-11.50	-11.57	-11.32	-5.59	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	6.00	-11.44	-11.31	-11.40	-11.46	-5.57	11.00
5570MHz	Pass	6.00	-10.31	-10.70	-10.63	-10.06	-4.61	11.00

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

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

5260MHz

27/02/2019

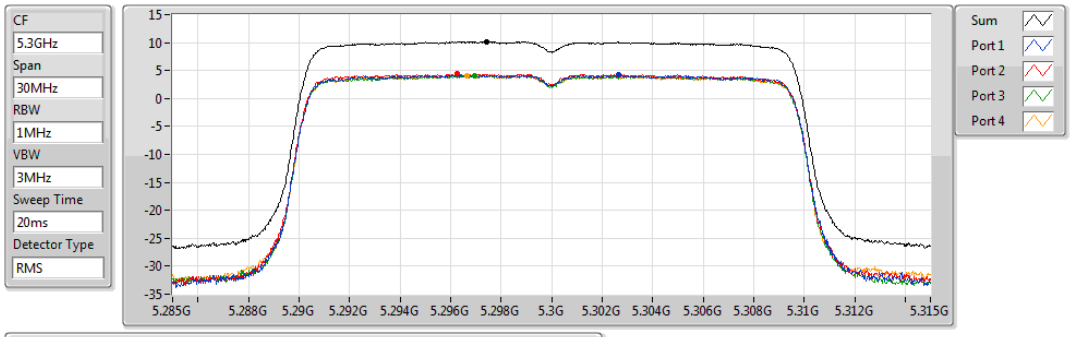


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.29	10.29	4.14	4.33	4.49	4.49

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

5300MHz

27/02/2019

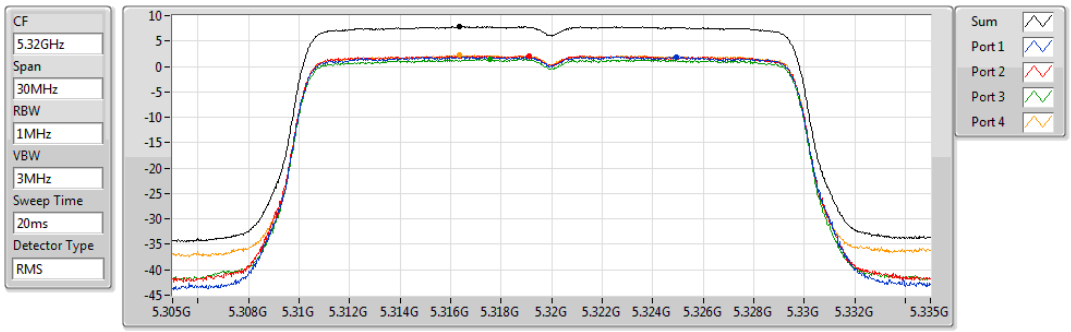


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.16	10.16	4.29	4.40	4.16	4.16

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

5320MHz

27/02/2019

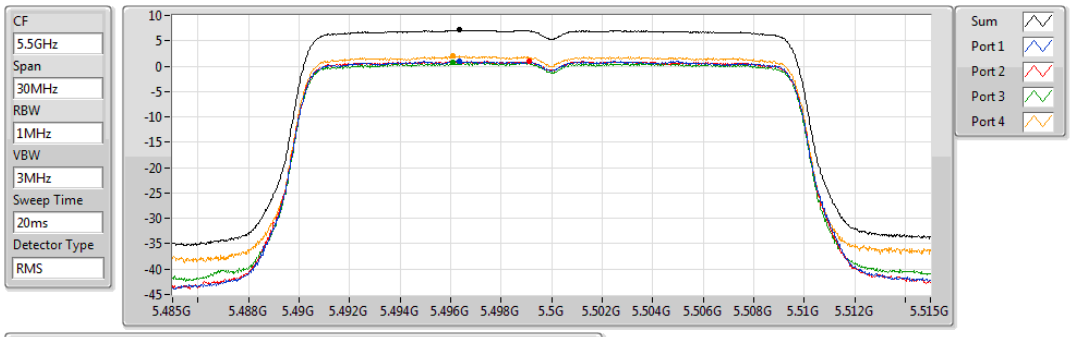


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.86	7.86	1.92	2.11	1.51	2.29

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

5500MHz

27/02/2019

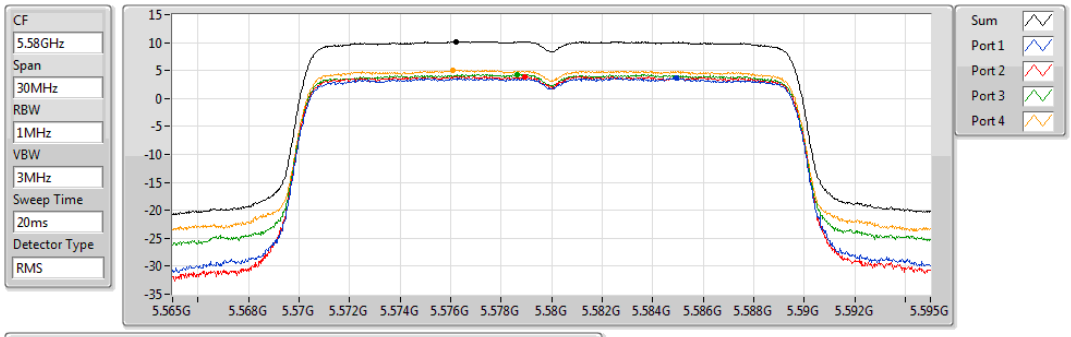


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.10	7.10	1.03	1.00	0.67	2.04

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

5580MHz

27/02/2019

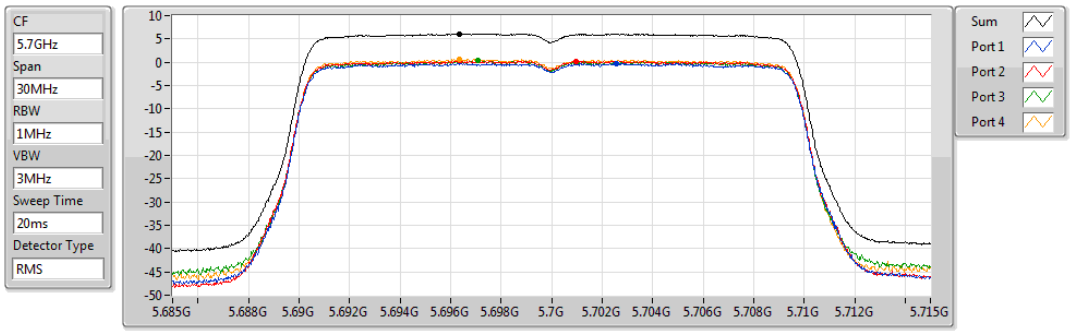


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.20	10.20	3.65	3.91	4.35	5.10

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

5700MHz

27/02/2019

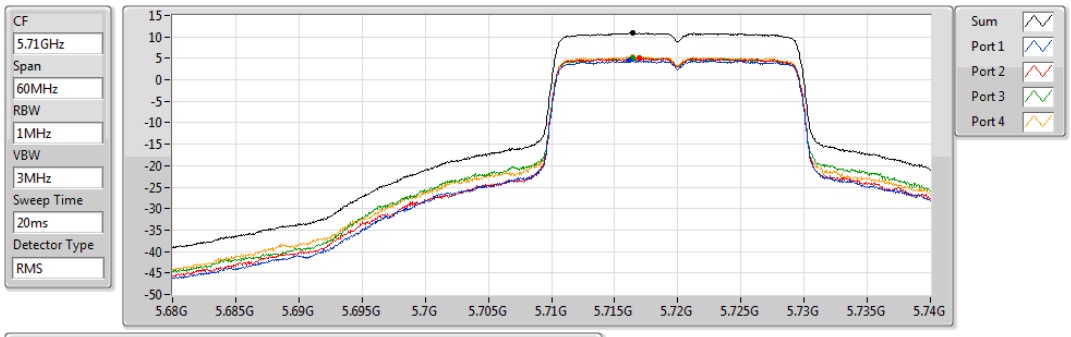


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.13	6.13	-0.23	0.22	0.29	0.69

802.11ax HEW20_Nss4,(MCS0)_4TX **PSD**

5720MHz Straddle 5.47-5.725GHz

27/02/2019

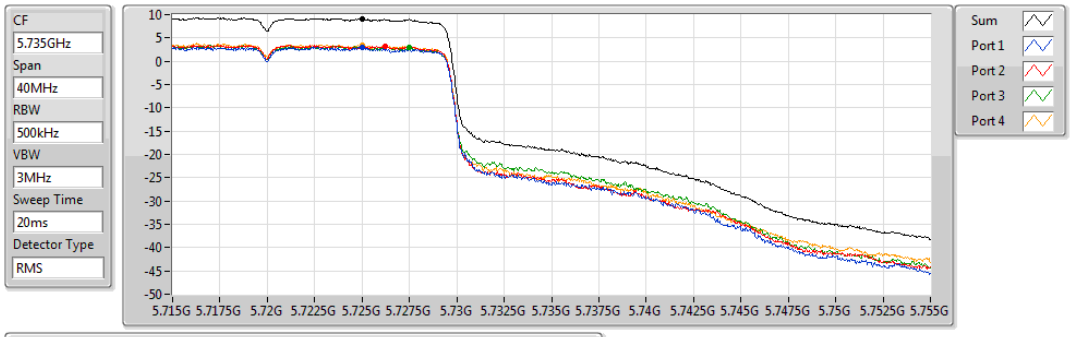


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.92	10.92	4.47	4.99	5.06	5.43

802.11ax HEW20_Nss4,(MCS0)_4TX **PSD**

5720MHz Straddle 5.725-5.85GHz

27/02/2019

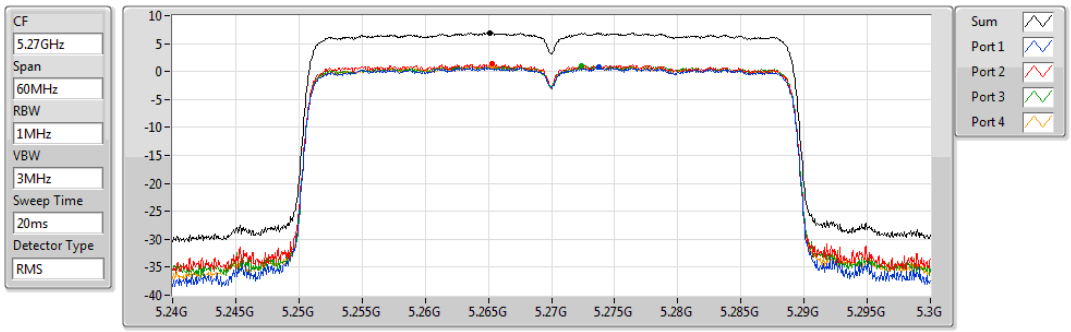


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.07	9.07	2.88	3.15	3.01	3.39

802.11ax HEW40_Nss4,(MCS0)_4TX **PSD**

5270MHz

27/02/2019

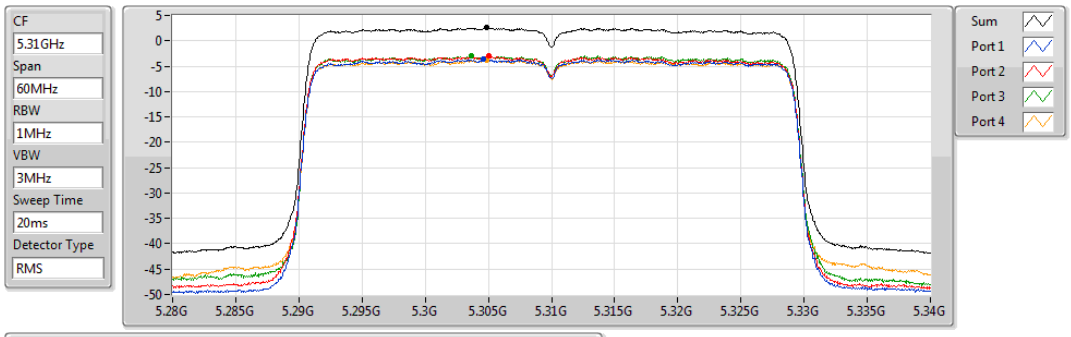


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.93	6.93	0.86	1.35	1.09	0.93

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

5310MHz

27/02/2019

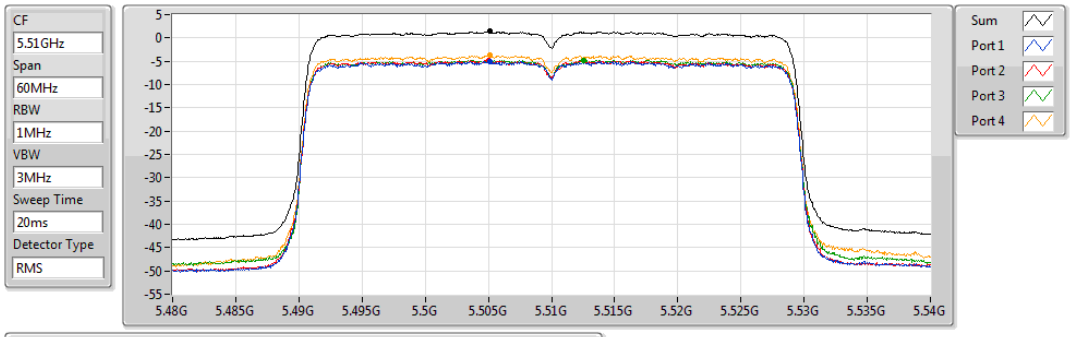


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.53	2.53	-3.68	-3.03	-2.96	-3.87

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

5510MHz

27/02/2019

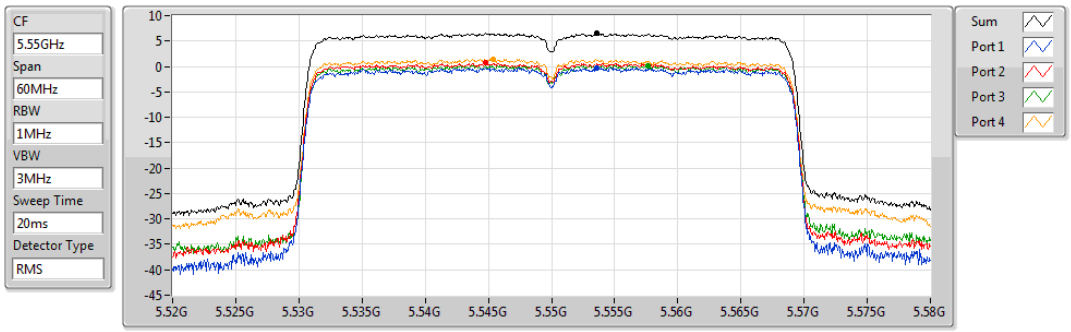


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.40	1.40	-4.99	-4.85	-4.76	-3.71

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

5550MHz

27/02/2019

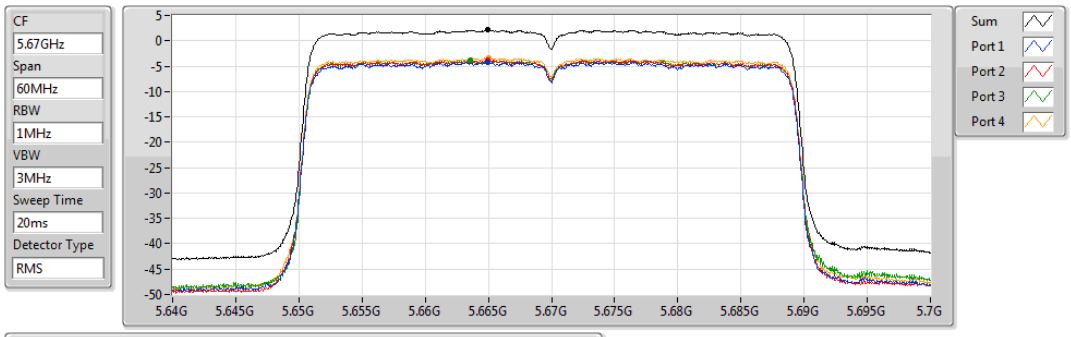


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.49	6.49	-0.27	0.71	0.20	1.49

802.11ax HEW40_Nss4,(MCS0)_4TX **PSD**

5670MHz

27/02/2019

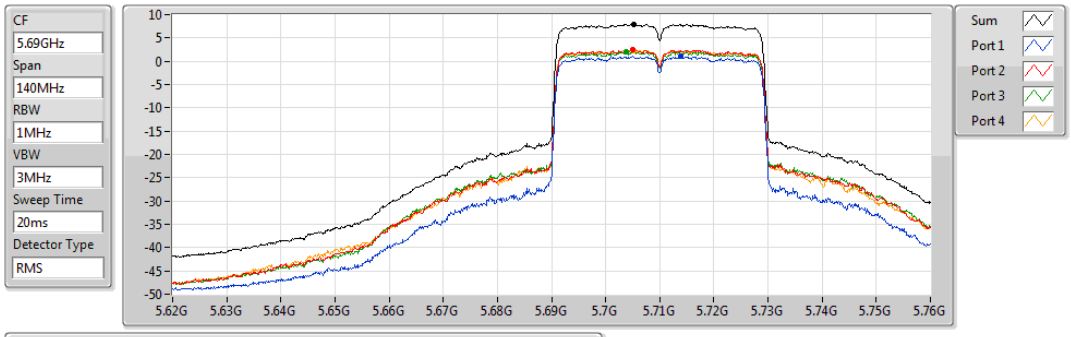


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.12	2.12	-4.19	-3.88	-3.81	-3.33

802.11ax HEW40_Nss4,(MCS0)_4TX **PSD**

5710MHz Straddle 5.47-5.725GHz

27/02/2019

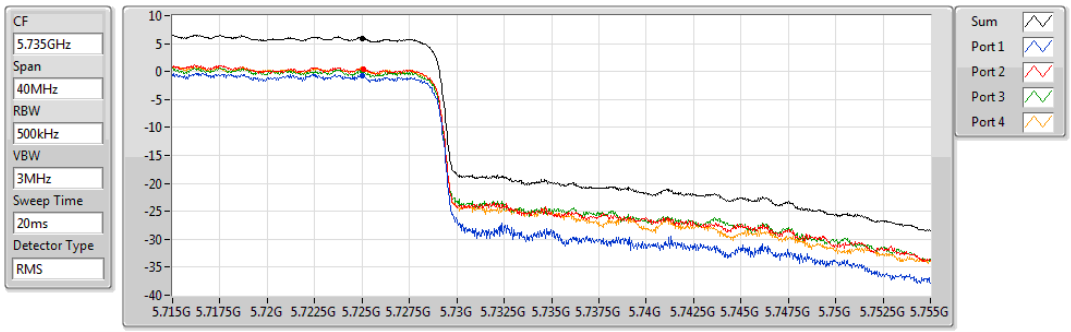


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.94	7.94	1.13	2.50	2.03	2.38

802.11ax HEW40_Nss4,(MCS0)_4TX **PSD**

5710MHz Straddle 5.725-5.85GHz

27/02/2019

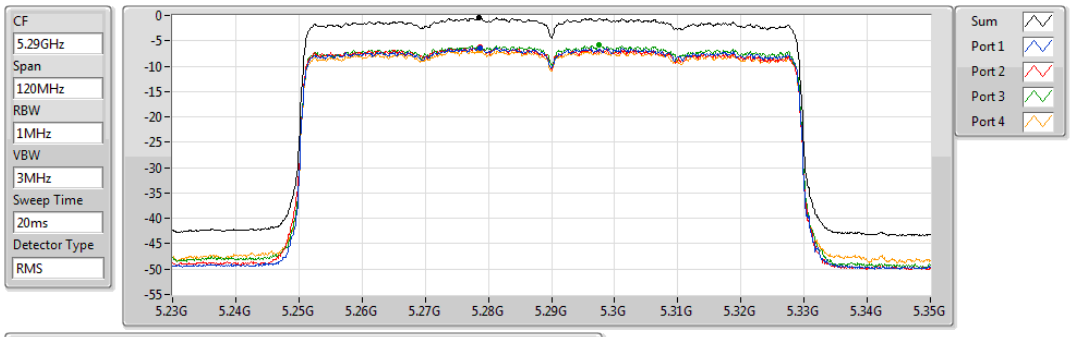


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.98	5.98	-0.66	0.52	0.09	0.36

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

5290MHz

27/02/2019

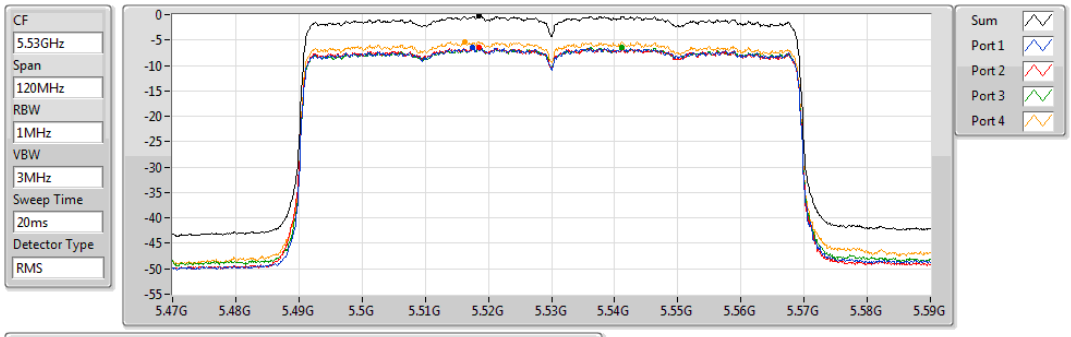


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.45	-0.45	-6.43	-6.32	-5.83	-6.89

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

5530MHz

27/02/2019

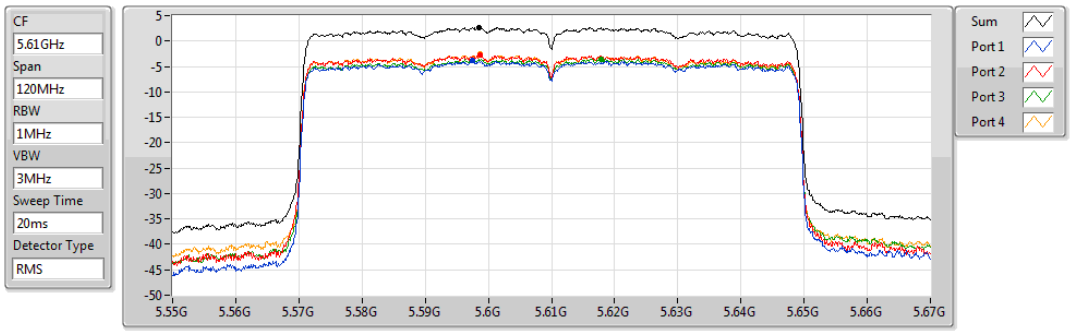


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.32	-0.32	-6.53	-6.50	-6.51	-5.29

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

5610MHz

27/02/2019

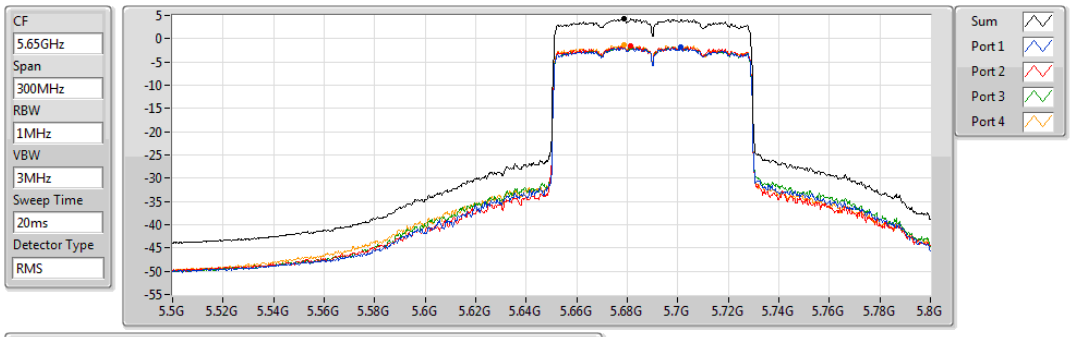


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.72	2.72	-3.90	-2.74	-3.50	-2.62

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

5690MHz Straddle 5.47-5.725GHz

27/02/2019

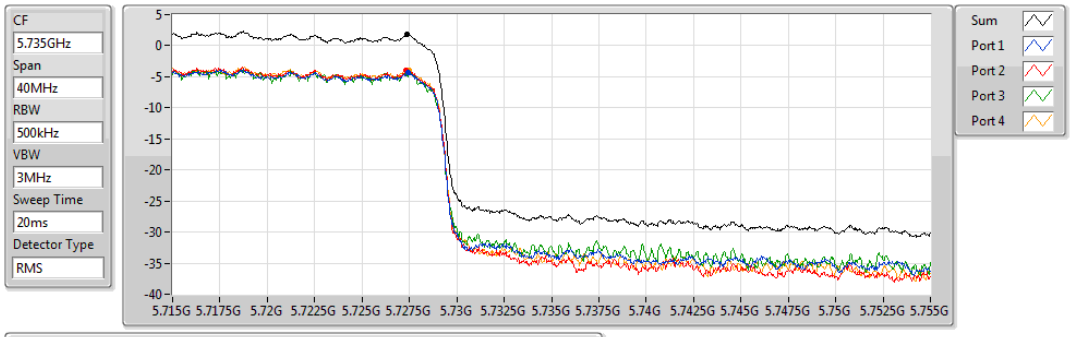


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.26	4.26	-1.91	-1.55	-1.77	-1.35

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

5690MHz Straddle 5.725-5.85GHz

27/02/2019

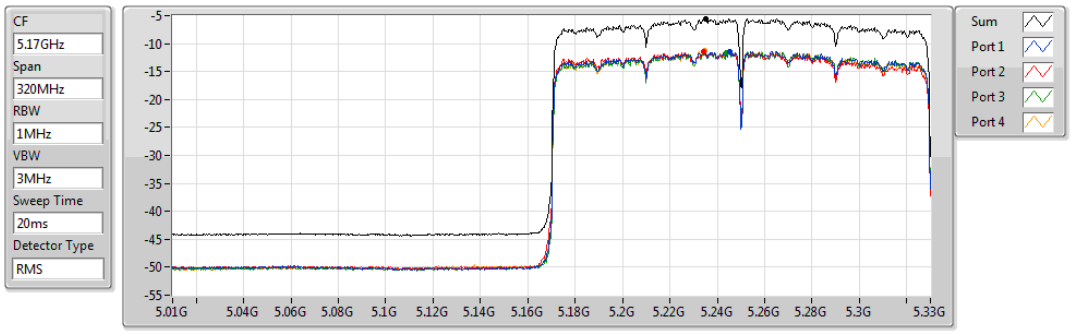


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.78	1.78	-4.27	-3.99	-4.31	-4.04

802.11ax HEW160_Nss4,(MCS0)_4TX PSD

5250MHz Straddle 5.15-5.25GHz

27/02/2019

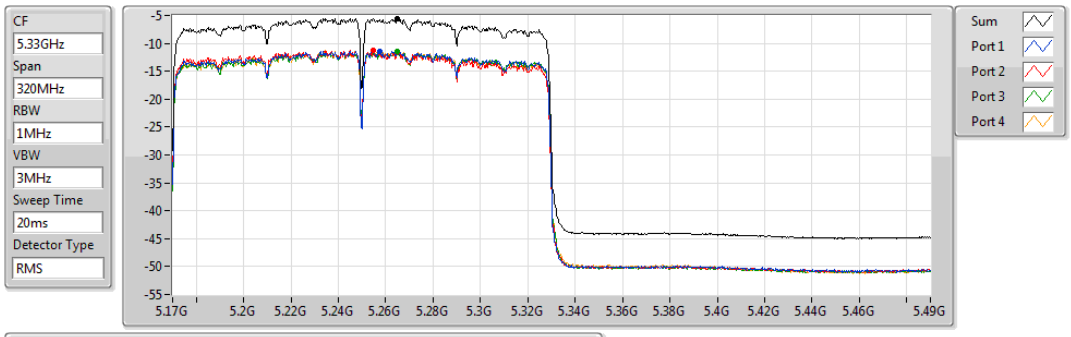


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.59	-5.59	-11.47	-11.50	-11.57	-11.32

802.11ax HEW160_Nss4,(MCS0)_4TX **PSD**

5250MHz Straddle 5.25-5.35GHz

27/02/2019

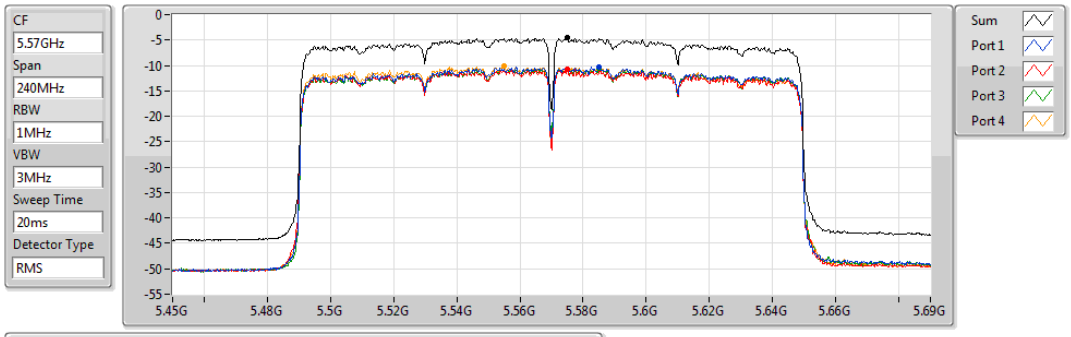


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.57	-5.57	-11.44	-11.31	-11.40	-11.46

802.11ax HEW160_Nss4,(MCS0)_4TX **PSD**

5570MHz

27/02/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.61	-4.61	-10.31	-10.70	-10.63	-10.06

Mode 3: (Ant. 11 Panel antenna / 8.7 dBi)
For Non-beamforming / 1T1S mode
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss1,(MCS0)_1TX	-7.98
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	7.87
802.11ax HEW20_Nss1,(MCS0)_1TX	7.47
802.11ax HEW40_Nss1,(MCS0)_1TX	4.01
802.11ax HEW80_Nss1,(MCS0)_1TX	-3.02
802.11ax HEW160_Nss1,(MCS0)_1TX	-7.64
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX	7.69
802.11ax HEW20_Nss1,(MCS0)_1TX	6.89
802.11ax HEW40_Nss1,(MCS0)_1TX	3.77
802.11ax HEW80_Nss1,(MCS0)_1TX	1.06
802.11ax HEW160_Nss1,(MCS0)_1TX	-9.50
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	4.44
802.11ax HEW20_Nss1,(MCS0)_1TX	3.95
802.11ax HEW40_Nss1,(MCS0)_1TX	1.50
802.11ax HEW80_Nss1,(MCS0)_1TX	-1.43

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

Result

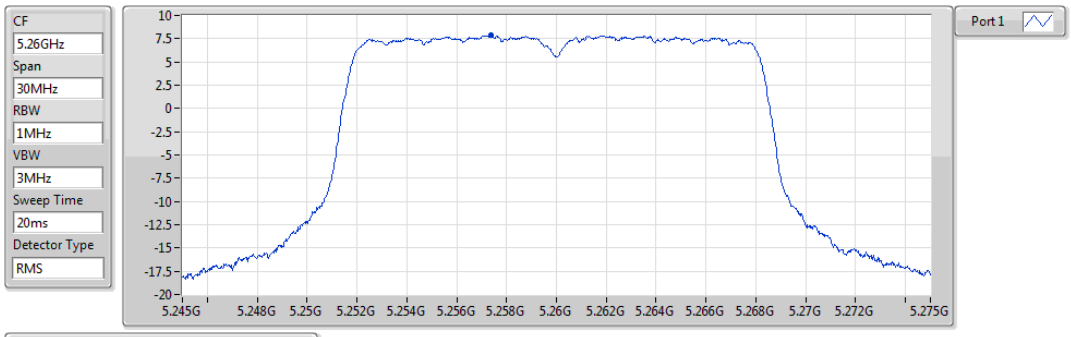
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5260MHz	Pass	8.70	7.85	7.85	8.30
5300MHz	Pass	8.70	7.87	7.87	8.30
5320MHz	Pass	8.70	5.33	5.33	8.30
5500MHz	Pass	8.70	1.63	1.63	8.30
5580MHz	Pass	8.70	7.69	7.69	8.30
5700MHz	Pass	8.70	1.54	1.54	8.30
5720MHz Straddle 5.47-5.725GHz	Pass	8.70	6.15	6.15	8.30
5720MHz Straddle 5.725-5.85GHz	Pass	8.70	4.44	4.44	27.30
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	8.70	7.38	7.38	8.30
5300MHz	Pass	8.70	7.47	7.47	8.30
5320MHz	Pass	8.70	3.92	3.92	8.30
5500MHz	Pass	8.70	2.23	2.23	8.30
5580MHz	Pass	8.70	6.89	6.89	8.30
5700MHz	Pass	8.70	-1.74	-1.74	8.30
5720MHz Straddle 5.47-5.725GHz	Pass	8.70	5.86	5.86	8.30
5720MHz Straddle 5.725-5.85GHz	Pass	8.70	3.95	3.95	27.30
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5270MHz	Pass	8.70	4.01	4.01	8.30
5310MHz	Pass	8.70	-0.29	-0.29	8.30
5510MHz	Pass	8.70	-1.85	-1.85	8.30
5550MHz	Pass	8.70	3.77	3.77	8.30
5670MHz	Pass	8.70	0.65	0.65	8.30
5710MHz Straddle 5.47-5.725GHz	Pass	8.70	3.28	3.28	8.30
5710MHz Straddle 5.725-5.85GHz	Pass	8.70	1.50	1.50	27.30
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5290MHz	Pass	8.70	-3.02	-3.02	8.30
5530MHz	Pass	8.70	-3.52	-3.52	8.30
5610MHz	Pass	8.70	-0.78	-0.78	8.30
5690MHz Straddle 5.47-5.725GHz	Pass	8.70	1.06	1.06	8.30
5690MHz Straddle 5.725-5.85GHz	Pass	8.70	-1.43	-1.43	27.30
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.70	-7.98	-7.98	14.30
5250MHz Straddle 5.25-5.35GHz	Pass	8.70	-7.64	-7.64	8.30
5570MHz	Pass	8.70	-9.50	-9.50	8.30

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 Xpower density;

802.11a_Nss1,(6Mbps)_1TX PSD

5260MHz

28/02/2019

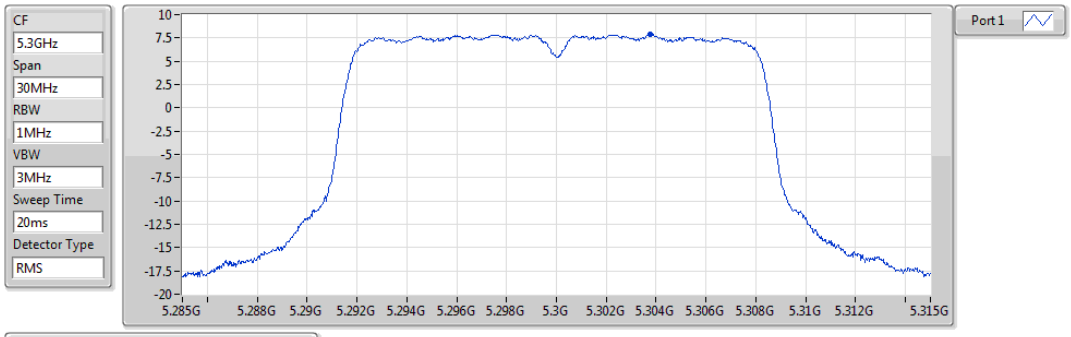


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.85	7.85	7.85

802.11a_Nss1,(6Mbps)_1TX PSD

5300MHz

28/02/2019

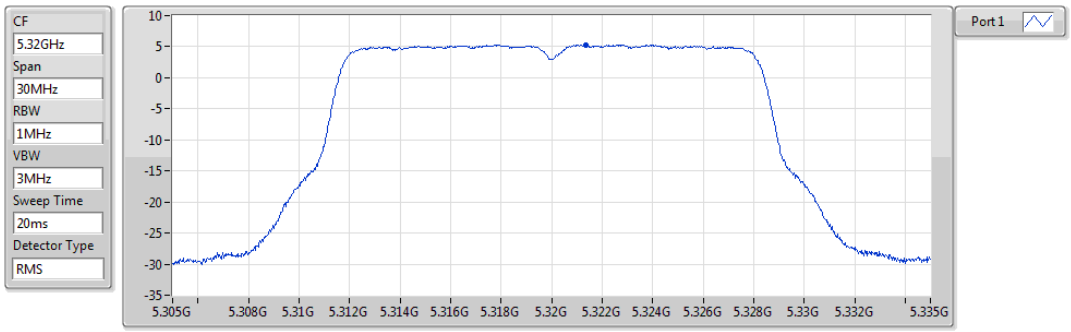


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.87	7.87	7.87

802.11a_Nss1,(6Mbps)_1TX PSD

5320MHz

28/02/2019

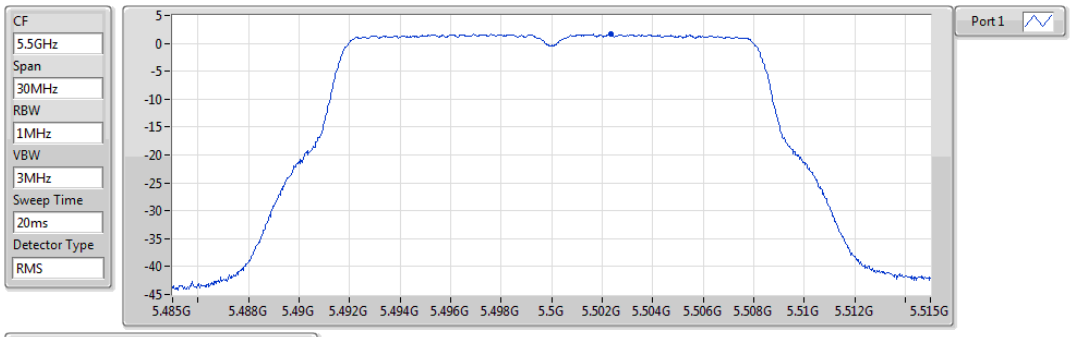


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.33	5.33	5.33

802.11a_Nss1,(6Mbps)_1TX PSD

5500MHz

28/02/2019

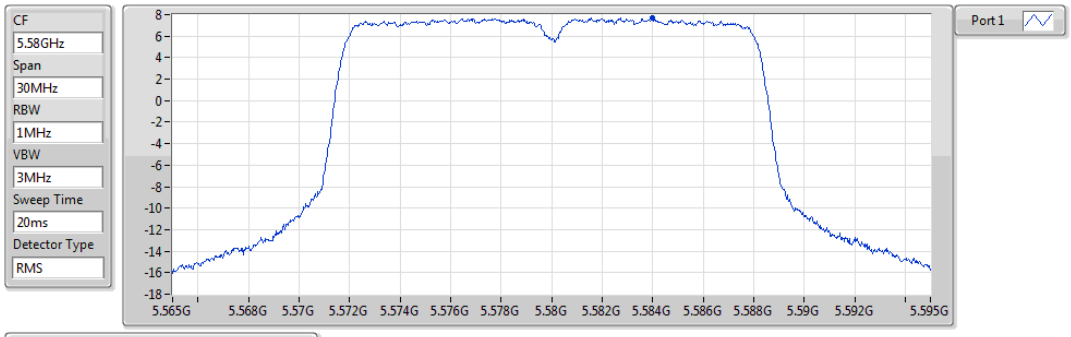


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.63	1.63	1.63

802.11a_Nss1,(6Mbps)_1TX PSD

5580MHz

28/02/2019

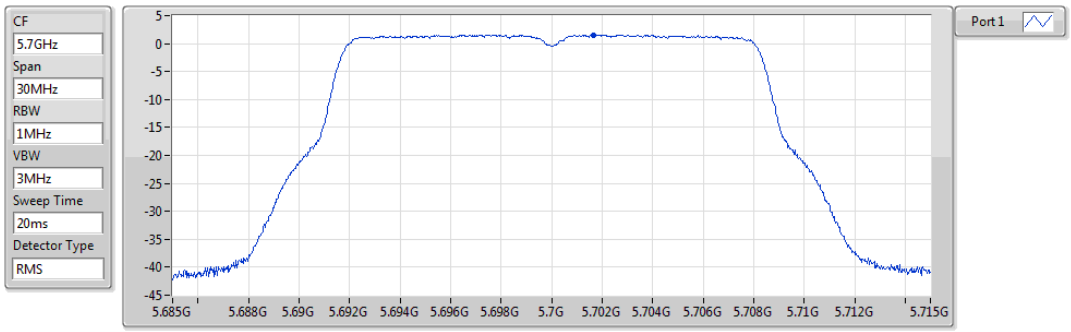


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.69	7.69	7.69

802.11a_Nss1,(6Mbps)_1TX PSD

5700MHz

28/02/2019

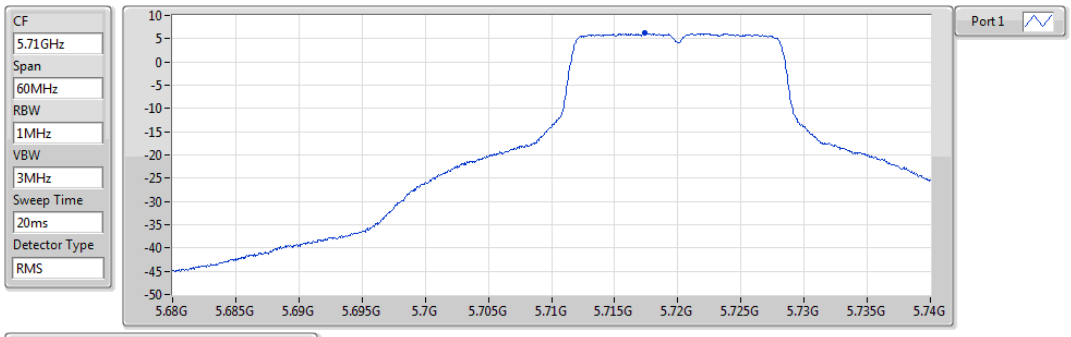


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.54	1.54	1.54

802.11a_Nss1,(6Mbps)_1TX **PSD**

5720MHz Straddle 5.47-5.725GHz

28/02/2019

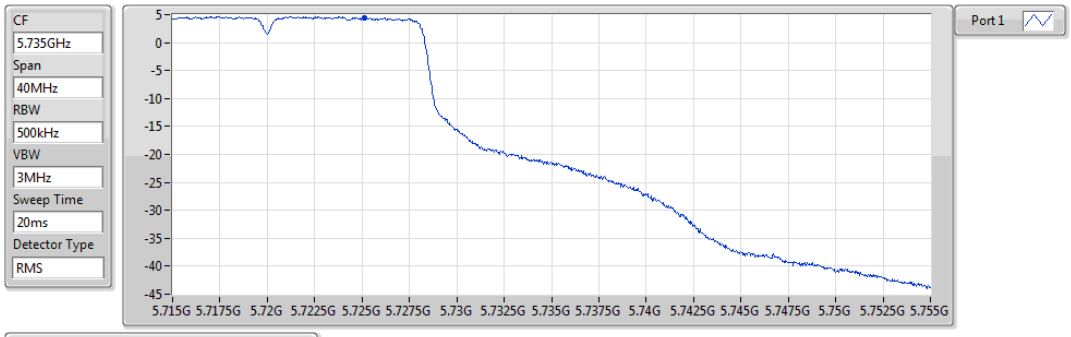


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.15	6.15	6.15

802.11a_Nss1,(6Mbps)_1TX **PSD**

5720MHz Straddle 5.725-5.85GHz

28/02/2019

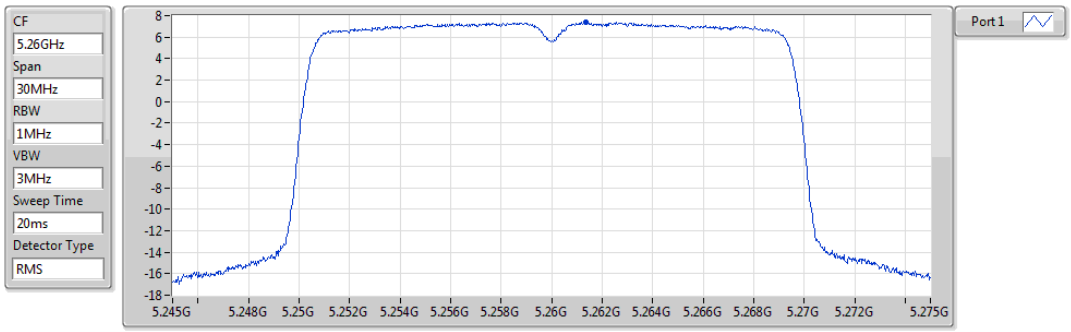


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.44	4.44	4.44

802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

5260MHz

28/02/2019

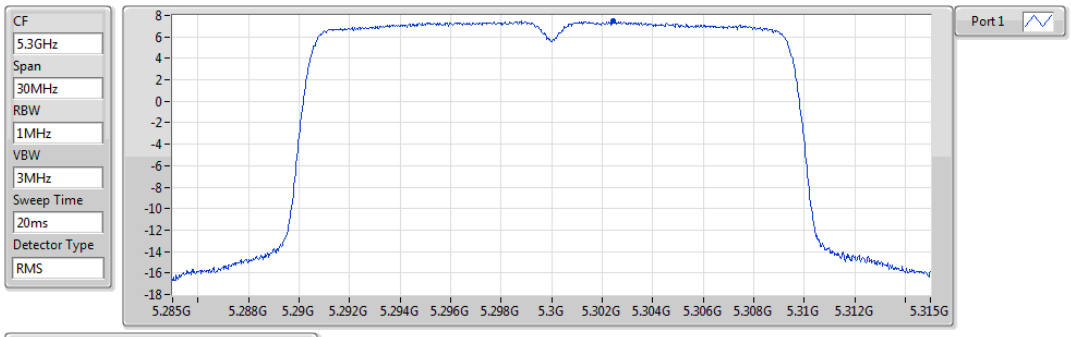


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.38	7.38	7.38

802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

5300MHz

28/02/2019

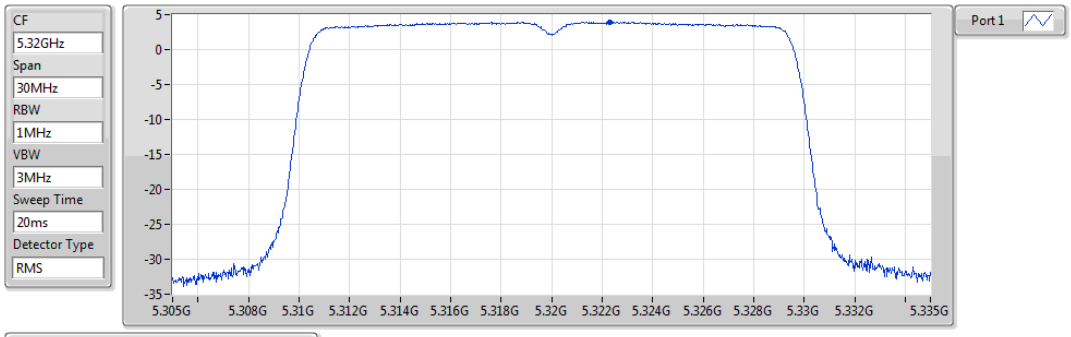


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.47	7.47	7.47

802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

5320MHz

28/02/2019

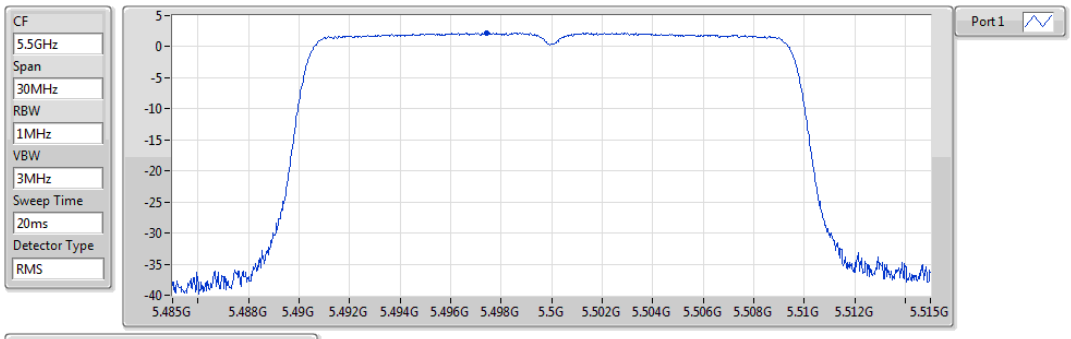


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.92	3.92	3.92

802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

5500MHz

28/02/2019

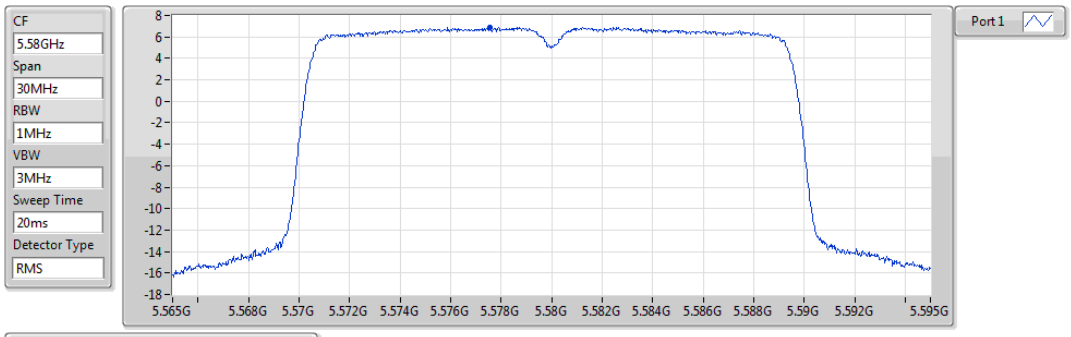


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.23	2.23	2.23

802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

5580MHz

28/02/2019

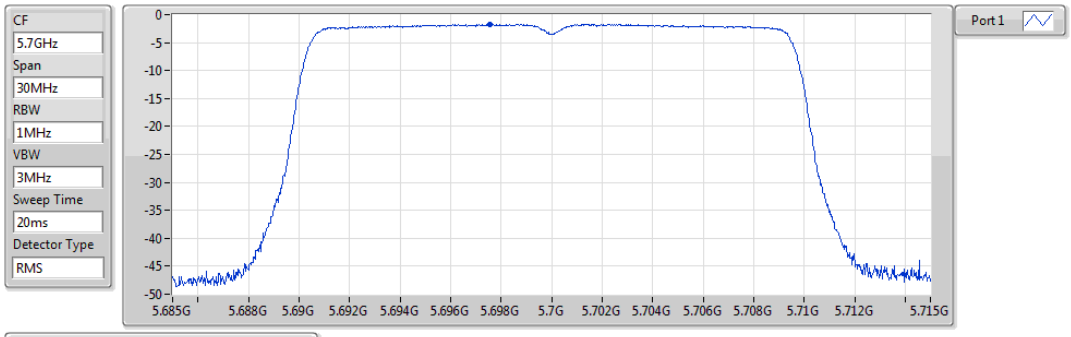


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.89	6.89	6.89

802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

5700MHz

28/02/2019

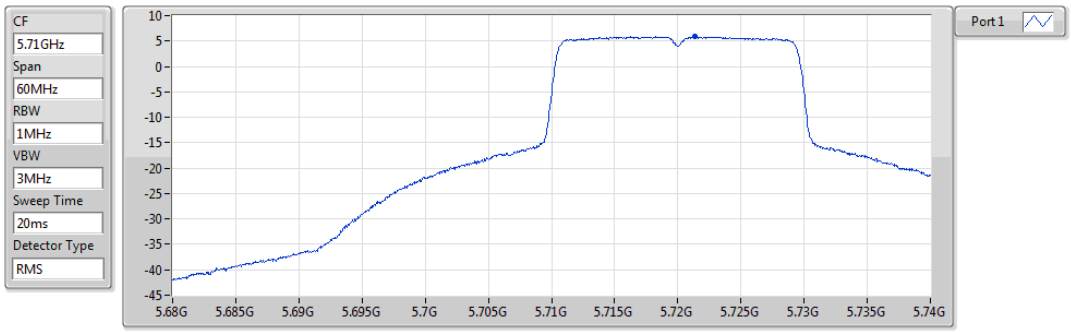


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.74	-1.74	-1.74

802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

5720MHz Straddle 5.47-5.725GHz

28/02/2019

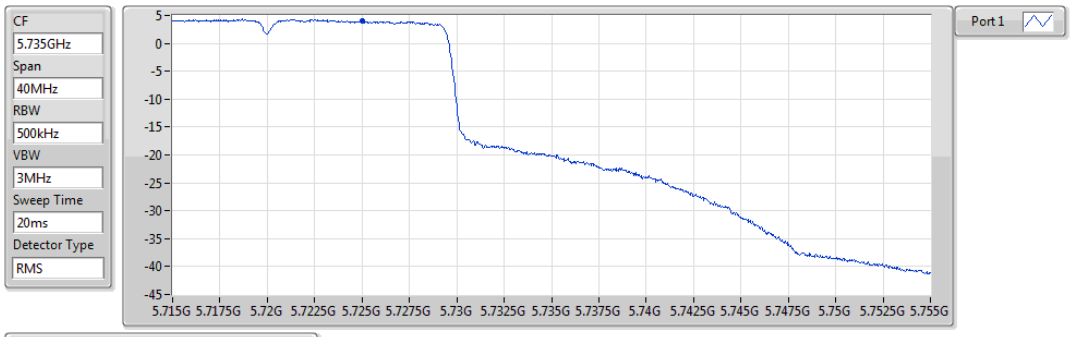


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.86	5.86	5.86

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

5720MHz Straddle 5.725-5.85GHz

28/02/2019

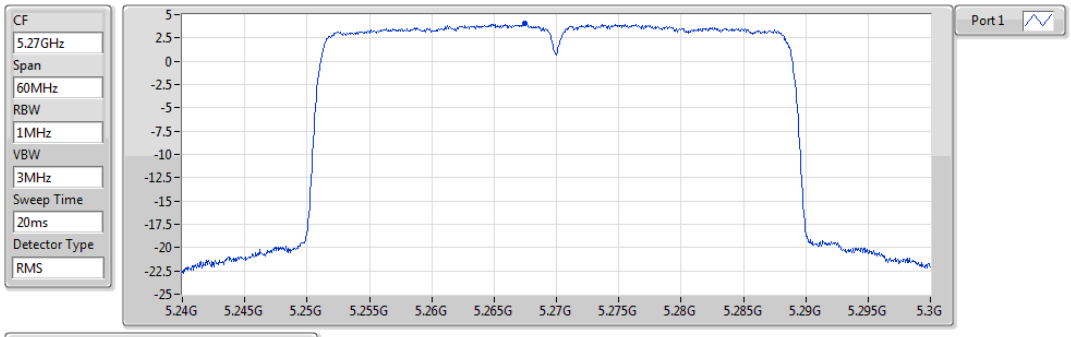


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.95	3.95	3.95

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

5270MHz

28/02/2019

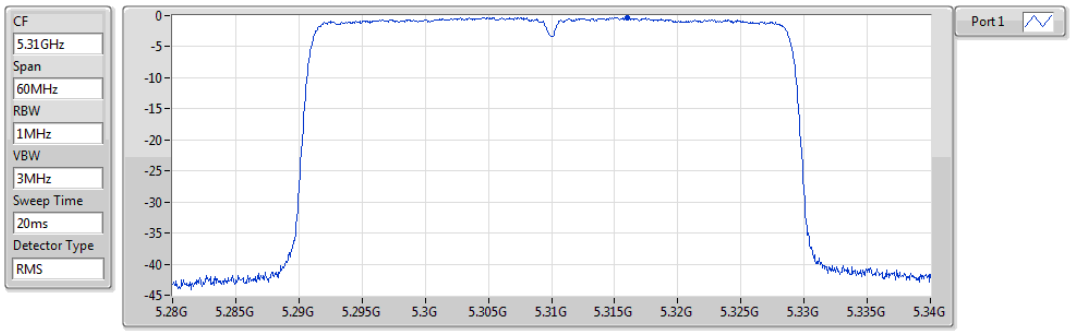


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.01	4.01	4.01

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

5310MHz

28/02/2019

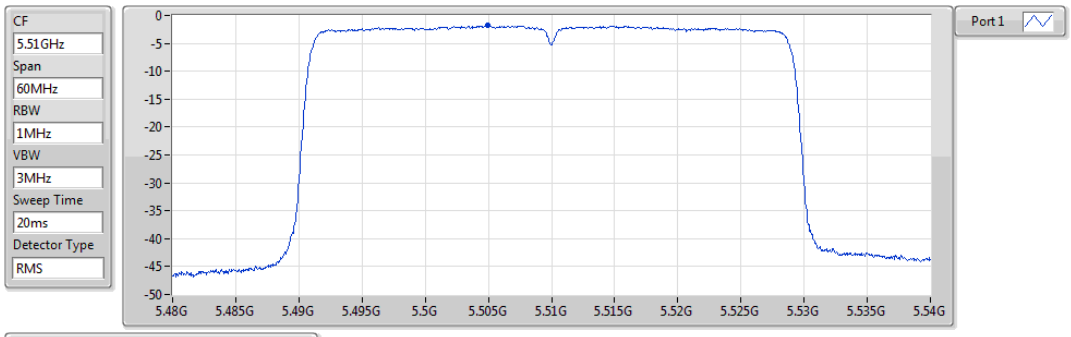


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.29	-0.29	-0.29

802.11ax HEW40_Nss1,(MCS0)_1TX **PSD**

5510MHz

28/02/2019

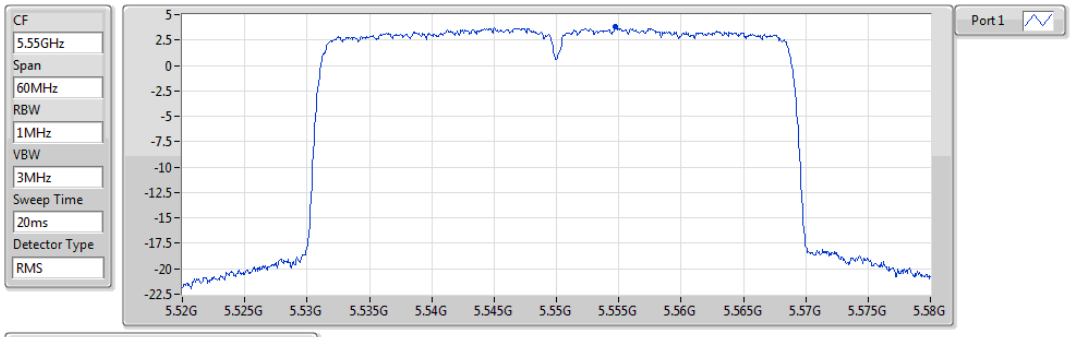


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.85	-1.85	-1.85

802.11ax HEW40_Nss1,(MCS0)_1TX **PSD**

5550MHz

28/02/2019

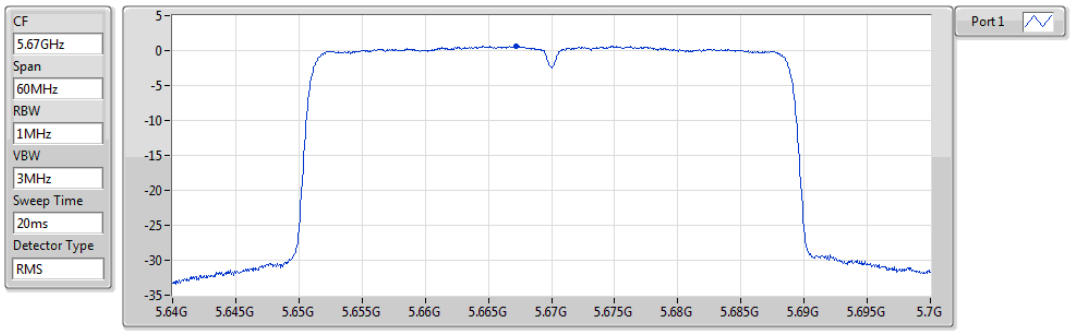


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.77	3.77	3.77

802.11ax HEW40_Nss1,(MCS0)_1TX **PSD**

5670MHz

28/02/2019

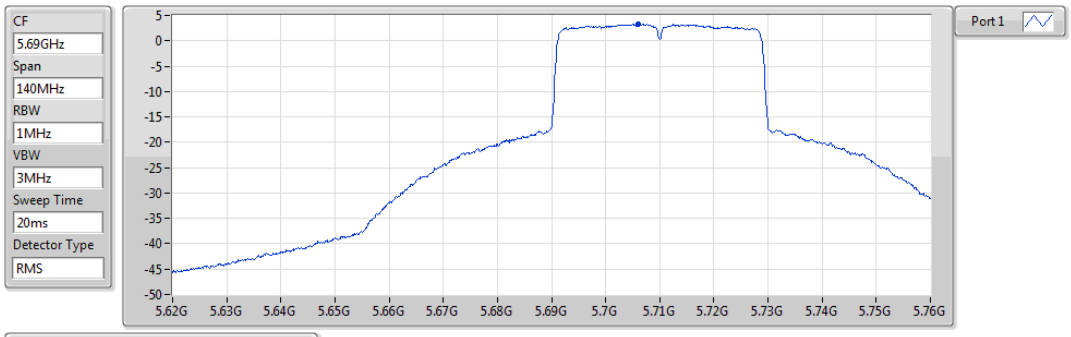


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.65	0.65	0.65

802.11ax HEW40_Nss1,(MCS0)_1TX **PSD**

5710MHz Straddle 5.47-5.725GHz

28/02/2019

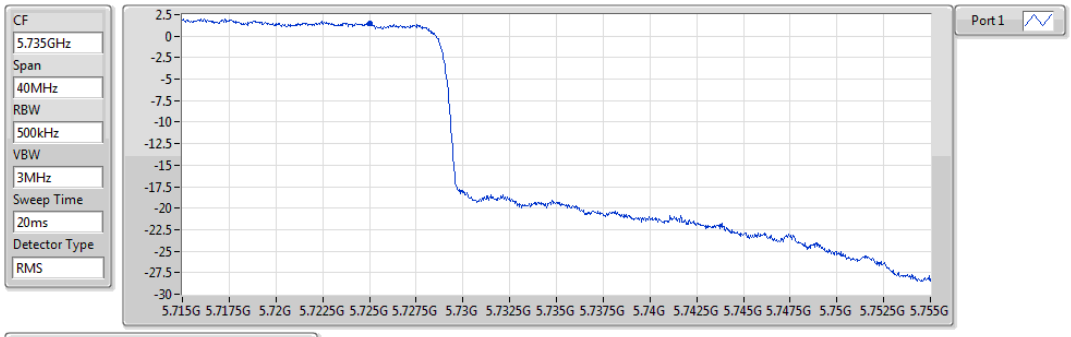


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.28	3.28	3.28

802.11ax HEW40_Nss1,(MCS0)_1TX **PSD**

5710MHz Straddle 5.725-5.85GHz

28/02/2019

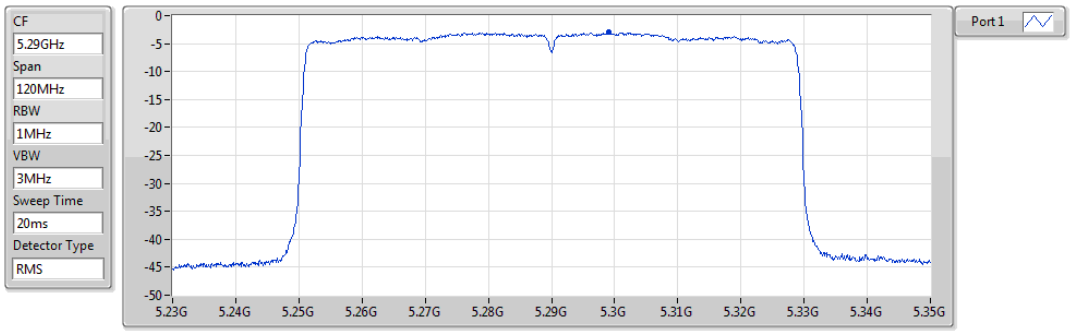


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.50	1.50	1.50

802.11ax HEW80_Nss1,(MCS0)_1TX **PSD**

5290MHz

28/02/2019

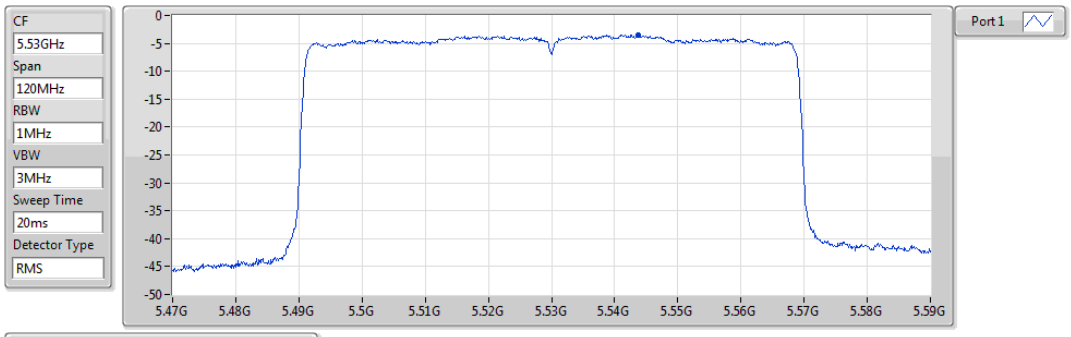


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.02	-3.02	-3.02

802.11ax HEW80_Nss1,(MCS0)_1TX **PSD**

5530MHz

28/02/2019

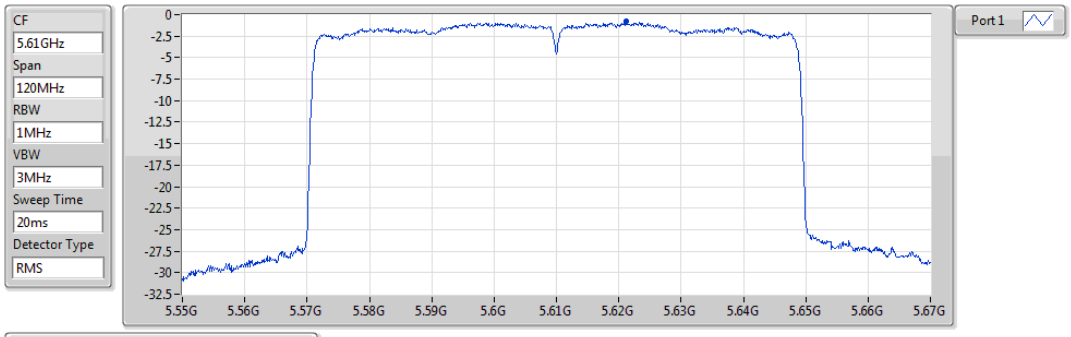


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.52	-3.52	-3.52

802.11ax HEW80_Nss1,(MCS0)_1TX **PSD**

5610MHz

28/02/2019

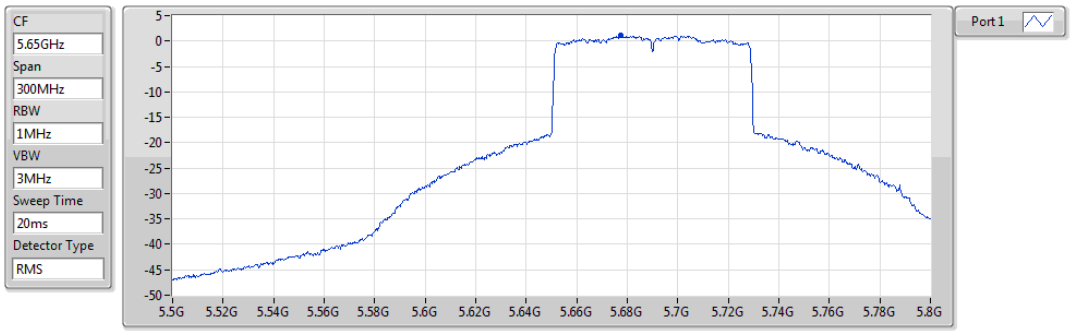


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.78	-0.78	-0.78

802.11ax HEW80_Nss1,(MCS0)_1TX **PSD**

5690MHz Straddle 5.47-5.725GHz

28/02/2019

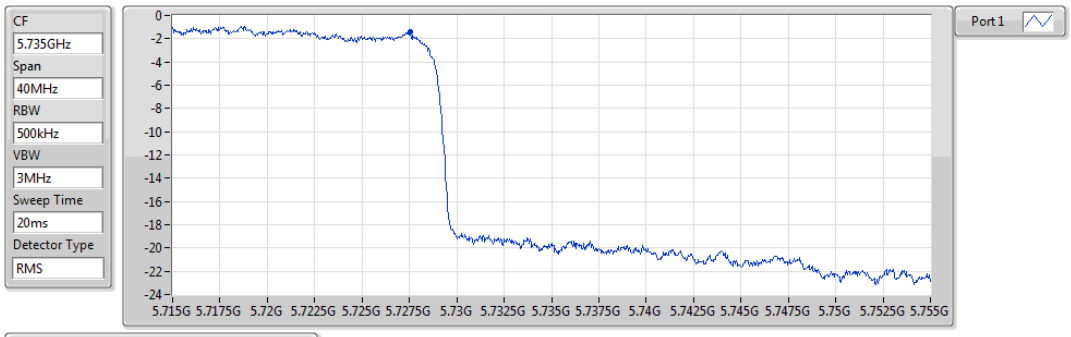


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.06	1.06	1.06

802.11ax HEW80_Nss1,(MCS0)_1TX **PSD**

5690MHz Straddle 5.725-5.85GHz

28/02/2019

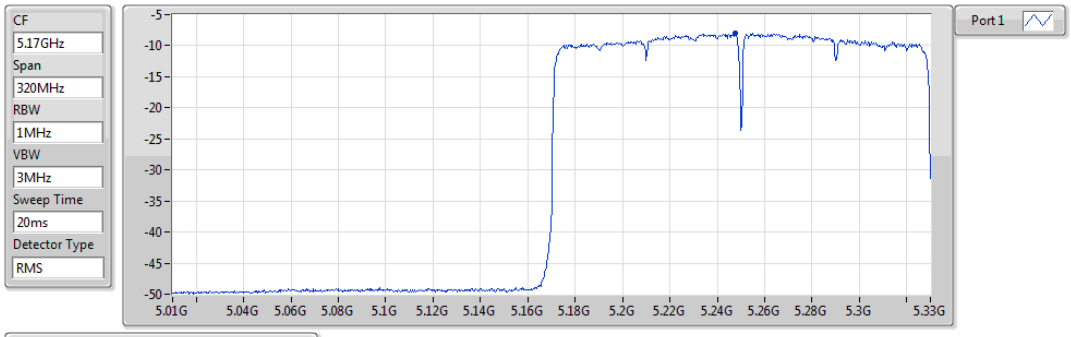


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.43	-1.43	-1.43

802.11ax HEW160_Nss1,(MCS0)_1TX **PSD**

5250MHz Straddle 5.15-5.25GHz

28/02/2019

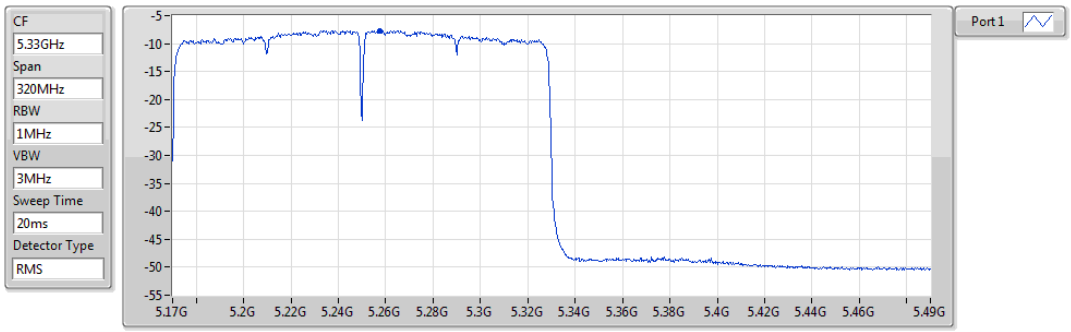


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.98	-7.98	-7.98

802.11ax HEW160_Nss1,(MCS0)_1TX **PSD**

5250MHz Straddle 5.25-5.35GHz

28/02/2019

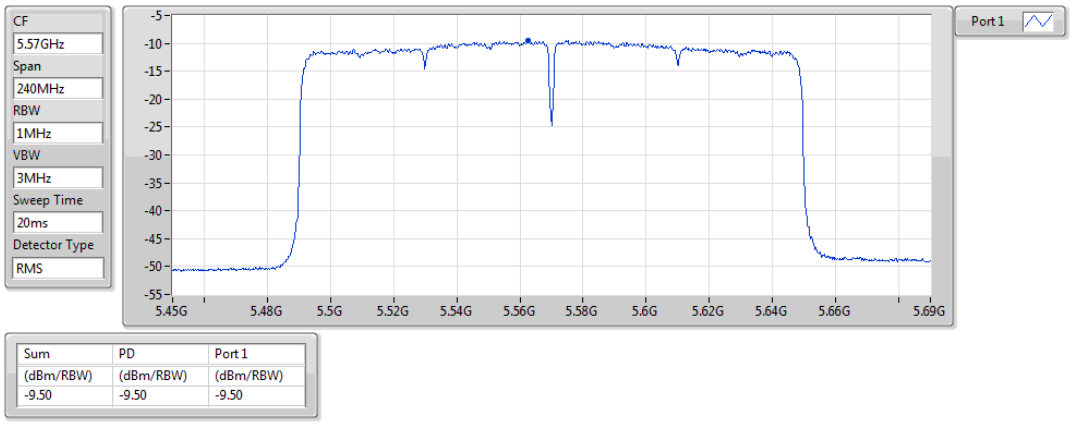


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.64	-7.64	-7.64

802.11ax HEW160_Nss1,(MCS0)_1TX **PSD**

5570MHz

28/02/2019



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.50	-9.50	-9.50

For Non-beamforming / 2T2S mode
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss2,(MCS0)_2TX	-5.82
5.25-5.35GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	7.46
802.11ax HEW40_Nss2,(MCS0)_2TX	4.63
802.11ax HEW80_Nss2,(MCS0)_2TX	-1.51
802.11ax HEW160_Nss2,(MCS0)_2TX	-5.77
5.47-5.725GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	7.61
802.11ax HEW40_Nss2,(MCS0)_2TX	5.34
802.11ax HEW80_Nss2,(MCS0)_2TX	1.93
802.11ax HEW160_Nss2,(MCS0)_2TX	-4.98
5.725-5.85GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	6.01
802.11ax HEW40_Nss2,(MCS0)_2TX	3.45
802.11ax HEW80_Nss2,(MCS0)_2TX	-0.48

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

Result

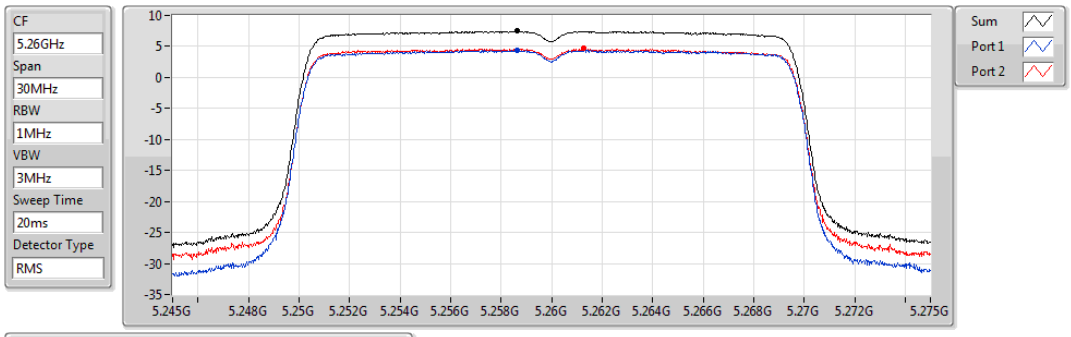
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	8.70	4.37	4.64	7.46	8.30
5300MHz	Pass	8.70	4.24	4.38	7.29	8.30
5320MHz	Pass	8.70	2.62	2.35	5.45	8.30
5500MHz	Pass	8.70	1.58	2.03	4.74	8.30
5580MHz	Pass	8.70	4.18	4.44	7.26	8.30
5700MHz	Pass	8.70	-0.07	0.55	3.22	8.30
5720MHz Straddle 5.47-5.725GHz	Pass	8.70	4.44	4.95	7.61	8.30
5720MHz Straddle 5.725-5.85GHz	Pass	8.70	2.77	3.40	6.01	27.30
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	8.70	1.40	1.90	4.63	8.30
5310MHz	Pass	8.70	-0.96	-0.74	2.08	8.30
5510MHz	Pass	8.70	-1.74	-1.27	1.47	8.30
5550MHz	Pass	8.70	1.86	2.04	4.89	8.30
5670MHz	Pass	8.70	-1.25	-0.19	2.27	8.30
5710MHz Straddle 5.47-5.725GHz	Pass	8.70	1.89	2.85	5.34	8.30
5710MHz Straddle 5.725-5.85GHz	Pass	8.70	0.01	0.96	3.45	27.30
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	8.70	-4.69	-4.12	-1.51	8.30
5530MHz	Pass	8.70	-5.11	-5.38	-2.38	8.30
5610MHz	Pass	8.70	-2.13	-1.42	1.08	8.30
5690MHz Straddle 5.47-5.725GHz	Pass	8.70	-1.35	-0.77	1.93	8.30
5690MHz Straddle 5.725-5.85GHz	Pass	8.70	-3.75	-3.07	-0.48	27.30
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.70	-8.76	-8.76	-5.82	14.30
5250MHz Straddle 5.25-5.35GHz	Pass	8.70	-8.37	-8.91	-5.77	8.30
5570MHz	Pass	8.70	-7.75	-7.89	-4.98	8.30

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 Xpower density;

802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

5260MHz

28/02/2019

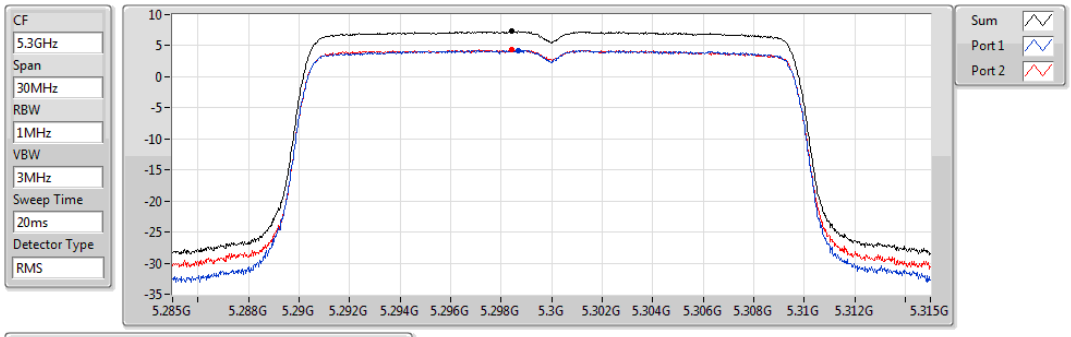


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.46	7.46	4.37	4.64

802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

5300MHz

28/02/2019

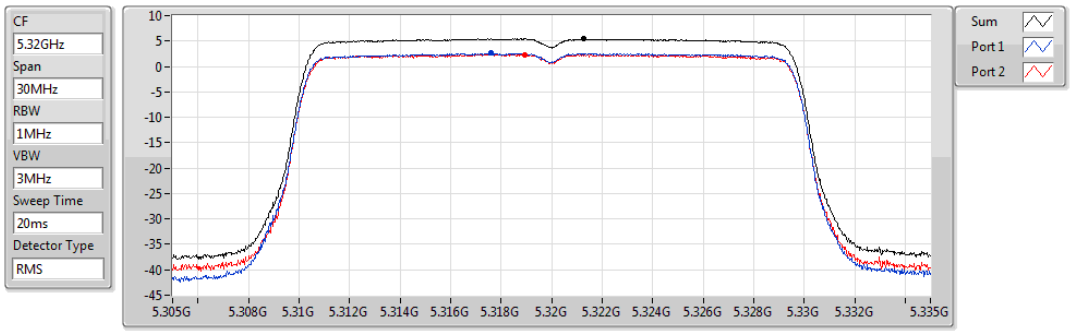


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.29	7.29	4.24	4.38

802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

5320MHz

28/02/2019

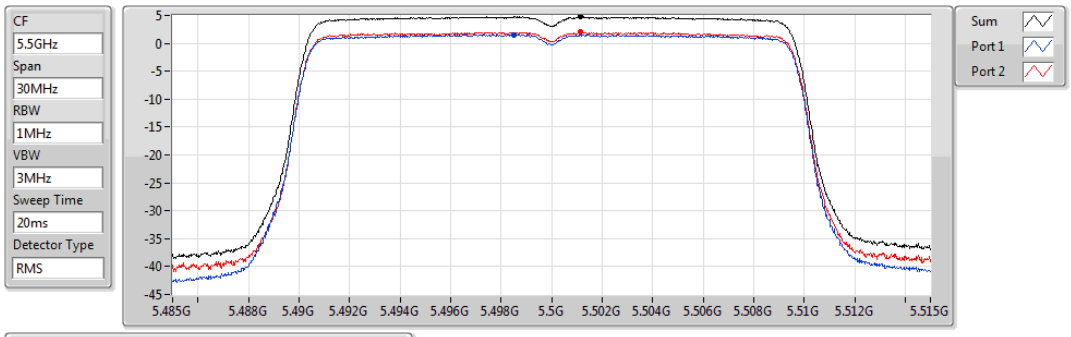


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.45	5.45	2.62	2.35

802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

5500MHz

28/02/2019

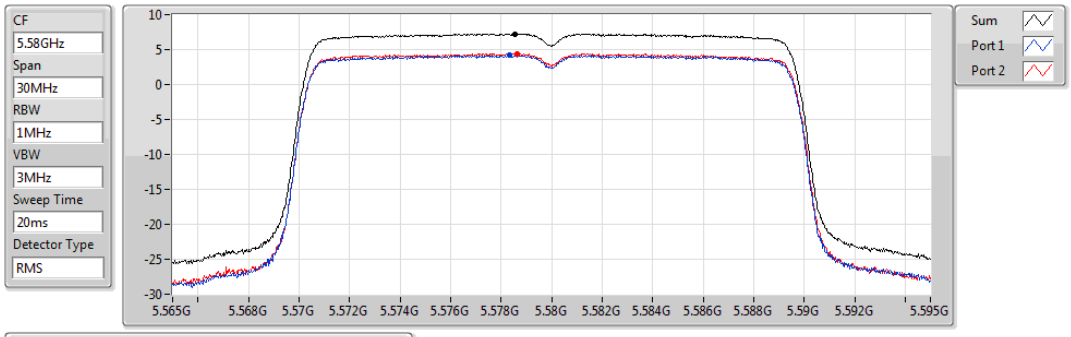


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.74	4.74	1.58	2.03

802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

5580MHz

28/02/2019

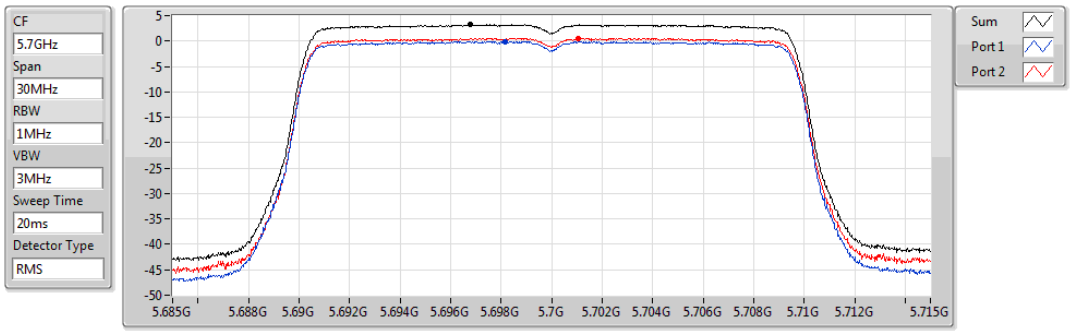


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.26	7.26	4.18	4.44

802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

5700MHz

28/02/2019

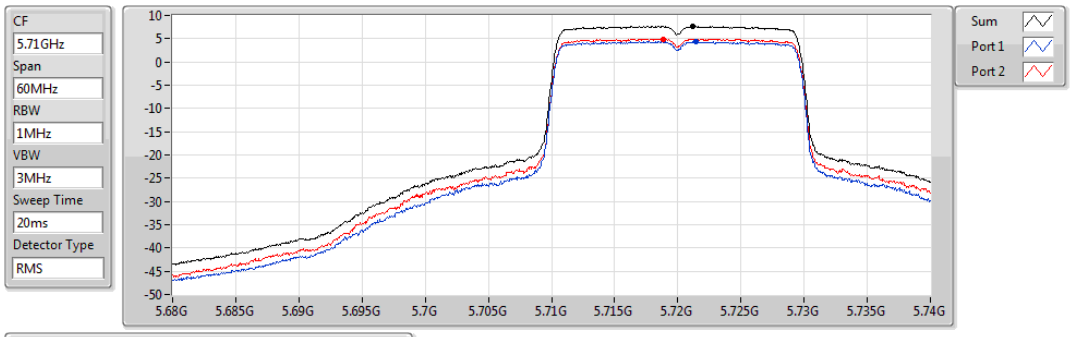


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.22	3.22	-0.07	0.55

802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

5720MHz Straddle 5.47-5.725GHz

06/03/2019

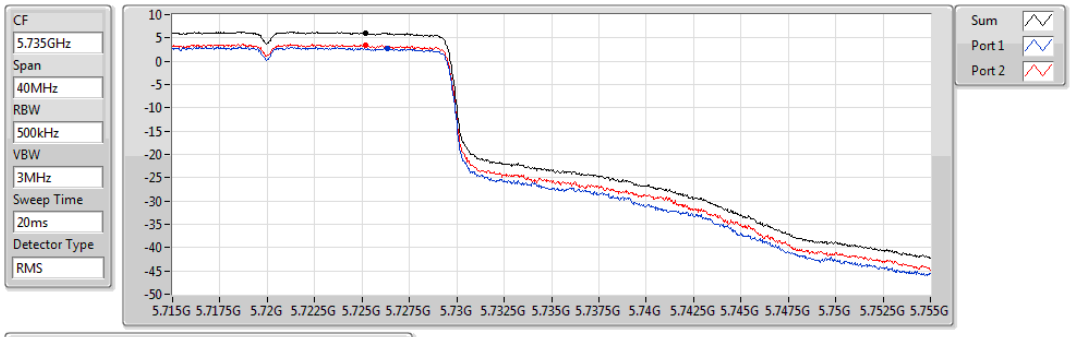


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.61	7.61	4.44	4.95

802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

5720MHz Straddle 5.725-5.85GHz

06/03/2019

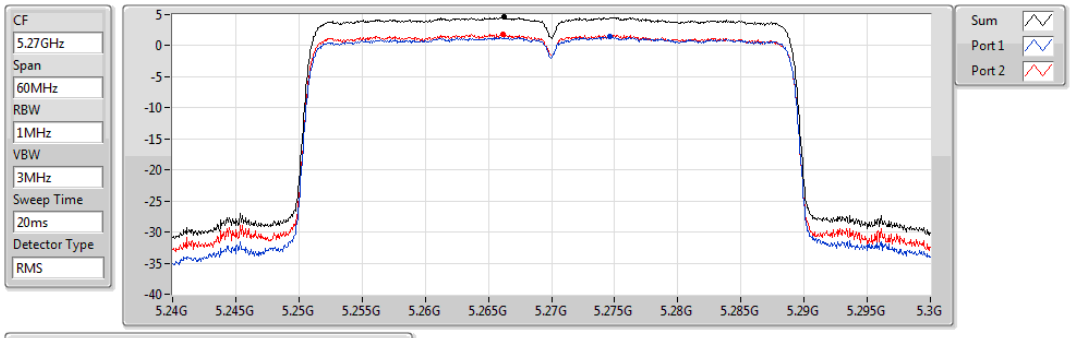


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.01	6.01	2.77	3.40

802.11ax HEW40_Nss2,(MCS0)_2TX **PSD**

5270MHz

28/02/2019

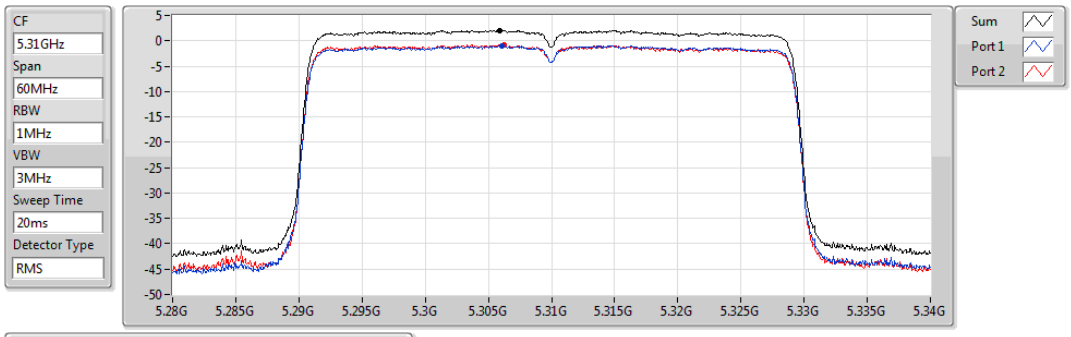


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.63	4.63	1.40	1.90

802.11ax HEW40_Nss2,(MCS0)_2TX **PSD**

5310MHz

28/02/2019

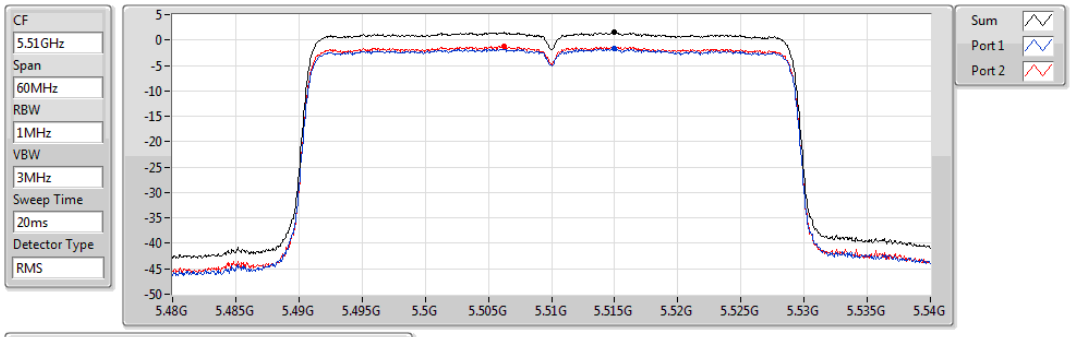


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.08	2.08	-0.96	-0.74

802.11ax HEW40_Nss2,(MCS0)_2TX **PSD**

5510MHz

28/02/2019

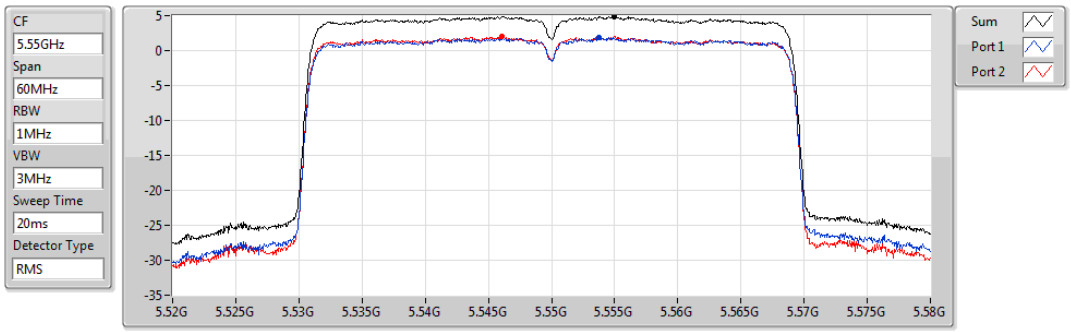


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.47	1.47	-1.74	-1.27

802.11ax HEW40_Nss2,(MCS0)_2TX **PSD**

5550MHz

28/02/2019

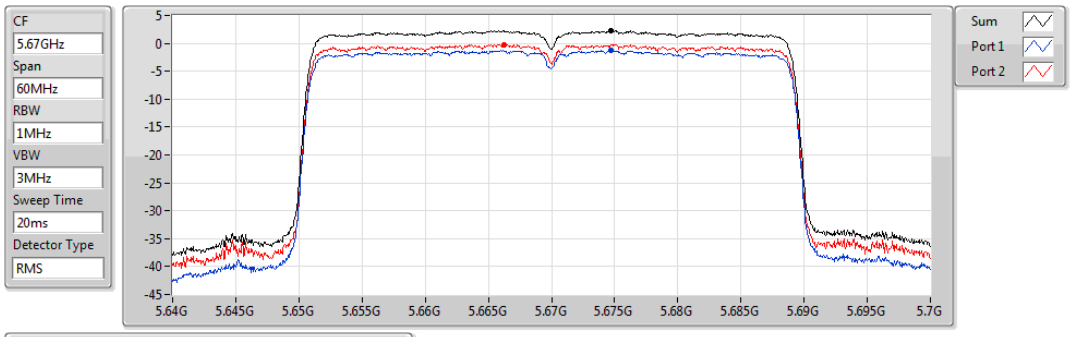


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.89	4.89	1.86	2.04

802.11ax HEW40_Nss2,(MCS0)_2TX **PSD**

5670MHz

28/02/2019

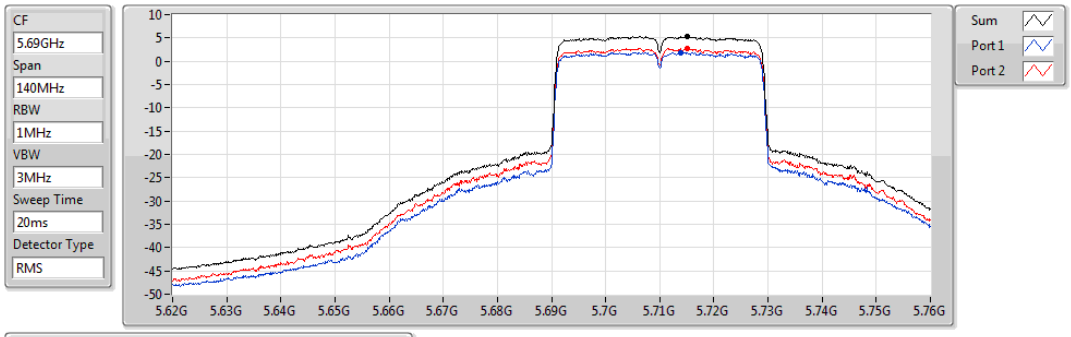


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.27	2.27	-1.25	-0.19

802.11ax HEW40_Nss2,(MCS0)_2TX **PSD**

5710MHz Straddle 5.47-5.725GHz

28/02/2019

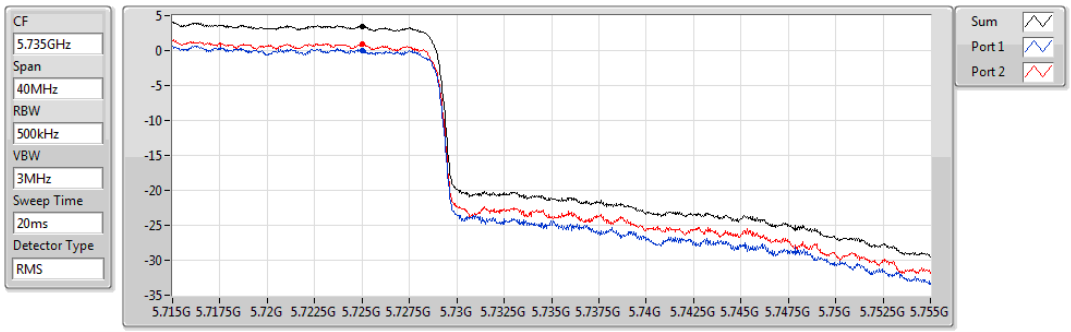


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.34	5.34	1.89	2.85

802.11ax HEW40_Nss2,(MCS0)_2TX **PSD**

5710MHz Straddle 5.725-5.85GHz

28/02/2019

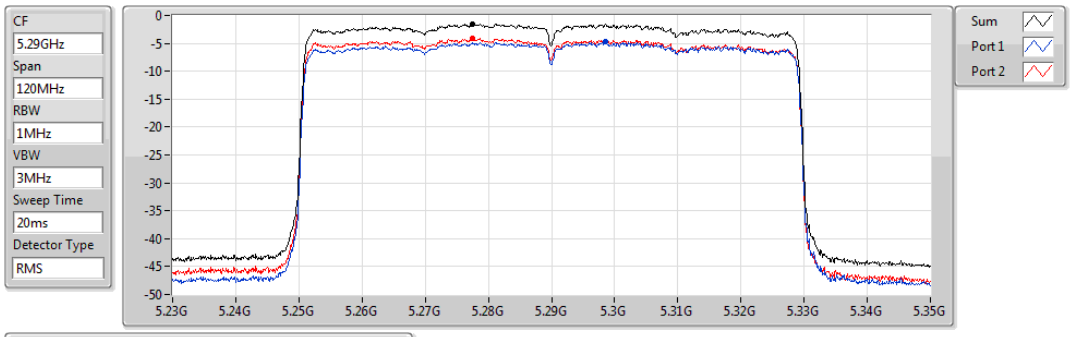


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.45	3.45	0.01	0.96

802.11ax HEW80_Nss2,(MCS0)_2TX PSD

5290MHz

28/02/2019

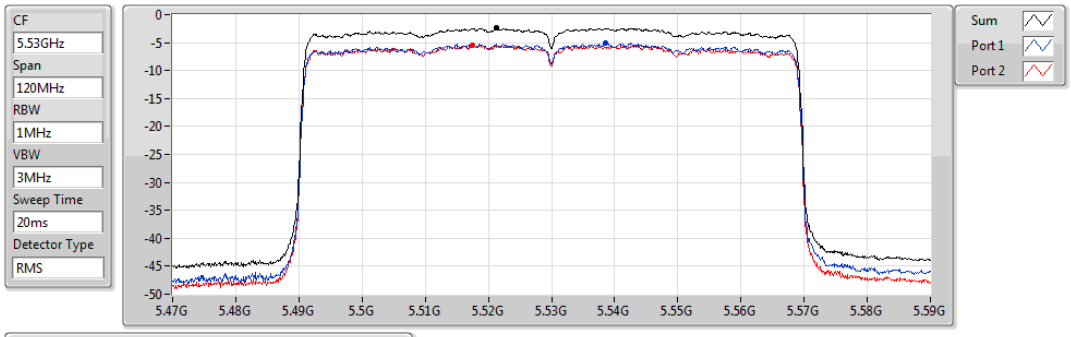


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.51	-1.51	-4.69	-4.12

802.11ax HEW80_Nss2,(MCS0)_2TX PSD

5530MHz

28/02/2019

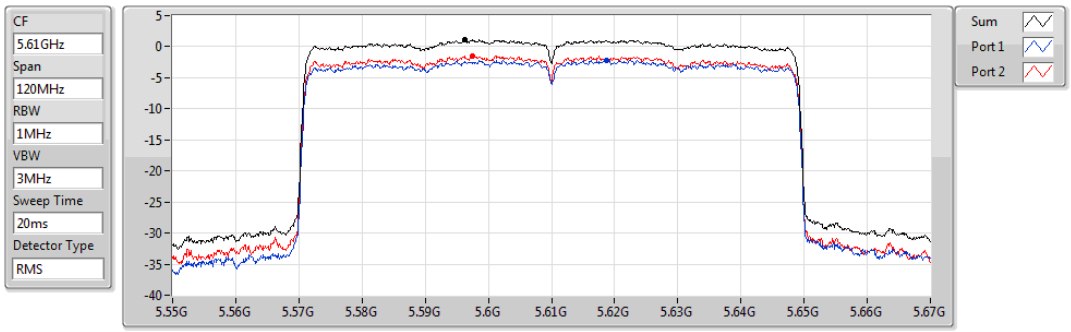


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.38	-2.38	-5.11	-5.38

802.11ax HEW80_Nss2,(MCS0)_2TX PSD

5610MHz

28/02/2019

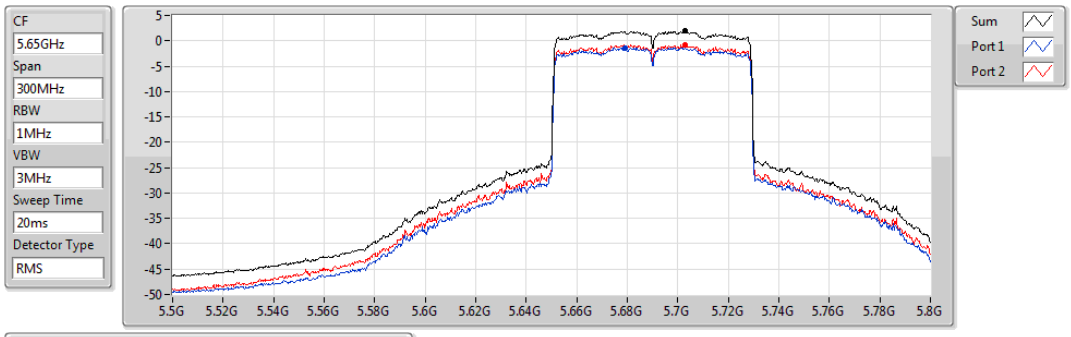


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.08	1.08	-2.13	-1.42

802.11ax HEW80_Nss2,(MCS0)_2TX **PSD**

5690MHz Straddle 5.47-5.725GHz

28/02/2019

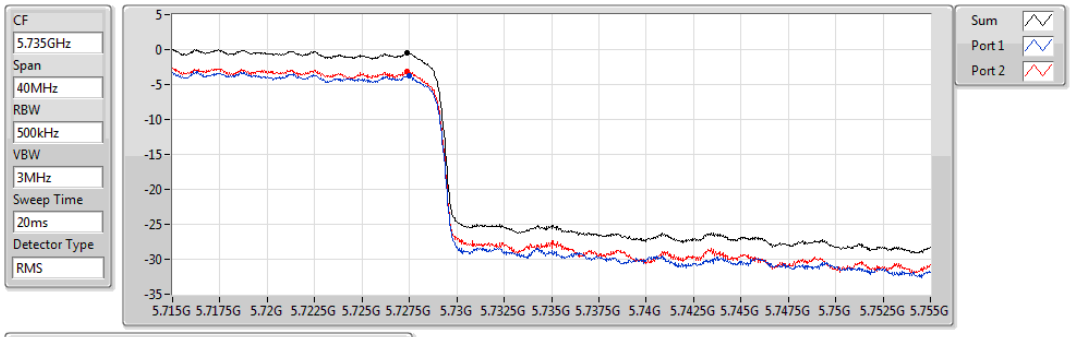


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.93	1.93	-1.35	-0.77

802.11ax HEW80_Nss2,(MCS0)_2TX **PSD**

5690MHz Straddle 5.725-5.85GHz

28/02/2019

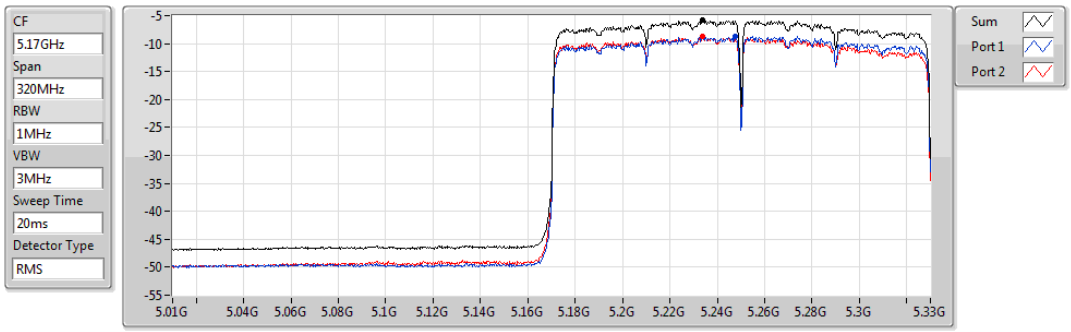


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.48	-0.48	-3.75	-3.07

802.11ax HEW160_Nss2,(MCS0)_2TX **PSD**

5250MHz Straddle 5.15-5.25GHz

28/02/2019

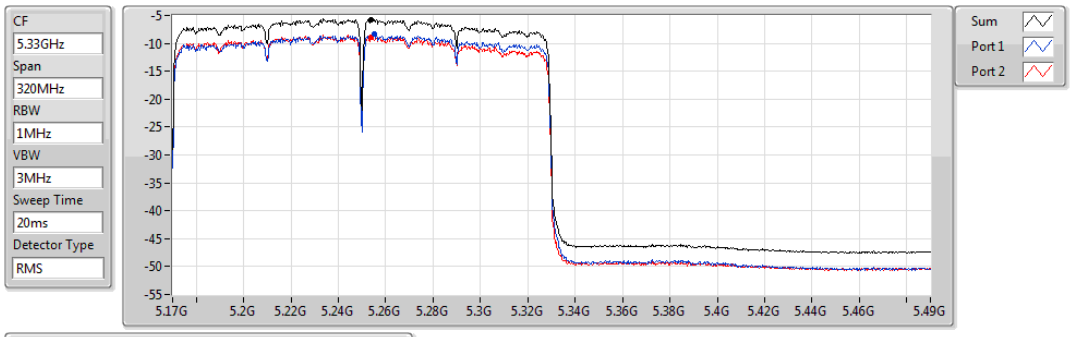


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.82	-5.82	-8.76	-8.76

802.11ax HEW160_Nss2,(MCS0)_2TX **PSD**

5250MHz Straddle 5.25-5.35GHz

28/02/2019

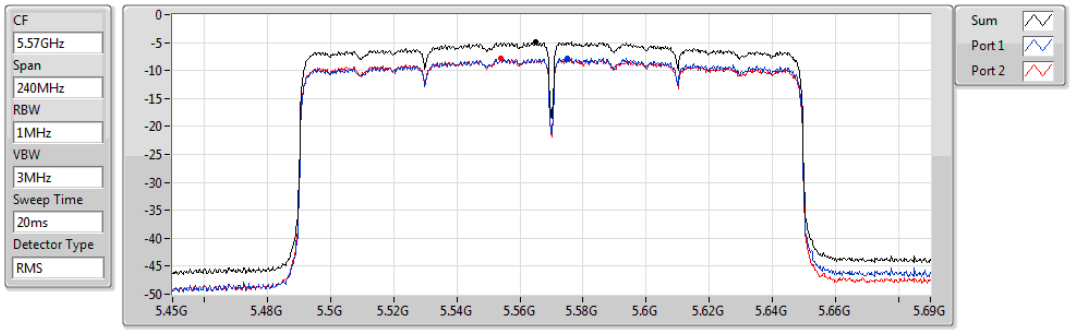


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.77	-5.77	-8.37	-8.91

802.11ax HEW160_Nss2,(MCS0)_2TX **PSD**

5570MHz

28/02/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.98	-4.98	-7.75	-7.89

For Non-beamforming / 4T1S mode
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss1,(MCS0_4TX	-5.49
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	2.24
802.11ax HEW20_Nss1,(MCS0)_4TX	2.19
802.11ax HEW40_Nss1,(MCS0)_4TX	2.21
802.11ax HEW80_Nss1,(MCS0)_4TX	-0.61
802.11ax HEW160_Nss1,(MCS0)_4TX	-5.57
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	2.25
802.11ax HEW20_Nss1,(MCS0)_4TX	2.21
802.11ax HEW40_Nss1,(MCS0)_4TX	2.25
802.11ax HEW80_Nss1,(MCS0)_4TX	2.10
802.11ax HEW160_Nss1,(MCS0)_4TX	-3.12
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	0.50
802.11ax HEW20_Nss1,(MCS0)_4TX	0.52
802.11ax HEW40_Nss1,(MCS0)_4TX	0.11
802.11ax HEW80_Nss1,(MCS0)_4TX	-0.52

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

Result

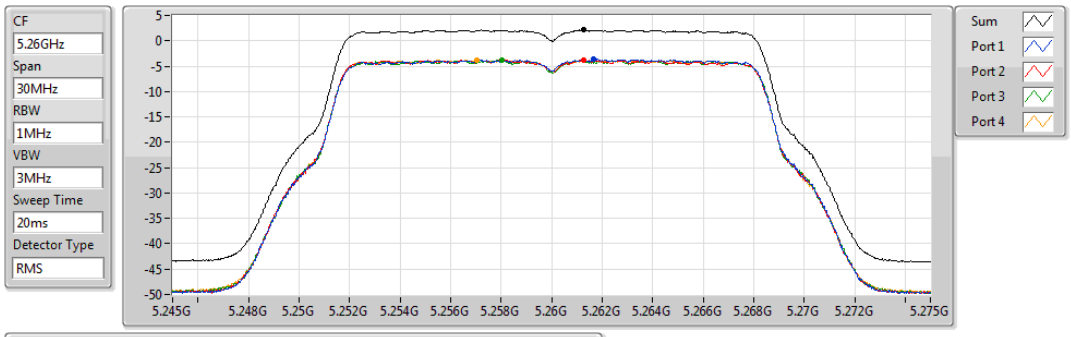
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	14.72	-3.62	-3.78	-3.81	-3.71	2.15	2.28
5300MHz	Pass	14.72	-3.42	-4.08	-3.66	-3.74	2.24	2.28
5320MHz	Pass	14.72	-3.54	-3.93	-3.90	-3.60	2.17	2.28
5500MHz	Pass	14.72	-3.85	-3.96	-4.30	-2.92	2.20	2.28
5580MHz	Pass	14.72	-4.03	-4.06	-3.82	-2.89	2.25	2.28
5700MHz	Pass	14.72	-3.88	-3.92	-3.84	-3.10	2.24	2.28
5720MHz Straddle 5.47-5.725GHz	Pass	14.72	-4.17	-3.57	-3.92	-3.22	2.20	2.28
5720MHz Straddle 5.725-5.85GHz	Pass	14.72	-5.97	-5.29	-5.46	-5.07	0.50	21.28
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	14.72	-3.77	-3.85	-3.83	-3.74	2.13	2.28
5300MHz	Pass	14.72	-3.83	-3.88	-3.70	-3.78	2.15	2.28
5320MHz	Pass	14.72	-3.49	-3.92	-3.99	-3.61	2.19	2.28
5500MHz	Pass	14.72	-4.31	-4.18	-3.89	-2.76	2.19	2.28
5580MHz	Pass	14.72	-4.40	-4.03	-4.04	-2.69	2.21	2.28
5700MHz	Pass	14.72	-4.27	-4.29	-3.83	-3.31	2.04	2.28
5720MHz Straddle 5.47-5.725GHz	Pass	14.72	-4.25	-3.91	-3.64	-3.31	2.19	2.28
5720MHz Straddle 5.725-5.85GHz	Pass	14.72	-5.98	-5.51	-5.36	-4.95	0.52	21.28
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	14.72	-3.77	-3.66	-3.66	-3.79	2.21	2.28
5310MHz	Pass	14.72	-3.60	-3.86	-3.39	-4.07	2.20	2.28
5510MHz	Pass	14.72	-4.23	-3.93	-3.91	-2.80	2.25	2.28
5550MHz	Pass	14.72	-4.42	-3.93	-4.05	-2.57	2.22	2.28
5670MHz	Pass	14.72	-4.28	-3.48	-4.29	-3.04	2.22	2.28
5710MHz Straddle 5.47-5.725GHz	Pass	14.72	-4.21	-3.91	-3.83	-2.98	2.23	2.28
5710MHz Straddle 5.725-5.85GHz	Pass	14.72	-6.32	-5.90	-5.79	-5.46	0.11	21.28
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	14.72	-6.73	-6.65	-6.23	-6.85	-0.61	2.28
5530MHz	Pass	14.72	-6.59	-6.83	-7.25	-5.80	-0.72	2.28
5610MHz	Pass	14.72	-4.33	-4.10	-4.69	-3.59	1.78	2.28
5690MHz Straddle 5.47-5.725GHz	Pass	14.72	-4.15	-4.03	-3.95	-3.40	2.10	2.28
5690MHz Straddle 5.725-5.85GHz	Pass	14.72	-6.66	-6.40	-6.61	-6.23	-0.52	21.28
802.11ax HEW160_Nss1,(MCS0_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	14.72	-11.19	-11.66	-11.68	-11.31	-5.49	8.28
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	14.72	-11.11	-11.89	-11.72	-11.17	-5.57	2.28
5570MHz	Pass	14.72	-8.79	-9.53	-9.17	-8.72	-3.12	2.28

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 Xpower density;

802.11a_Nss1,(6Mbps)_4TX PSD

5260MHz

27/02/2019

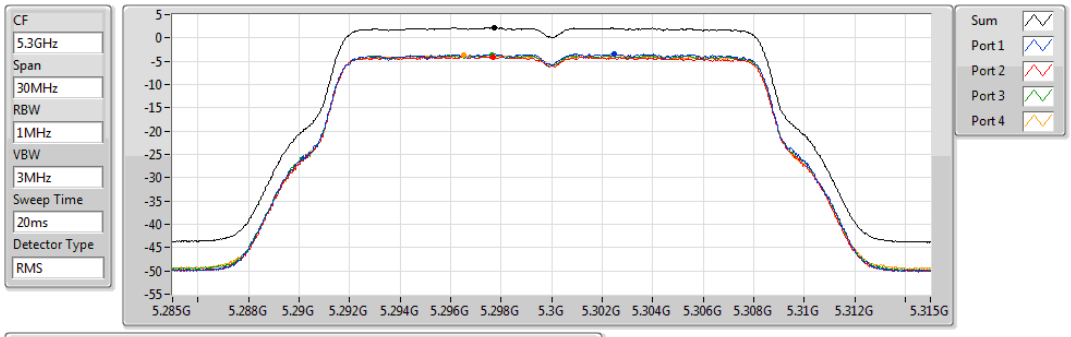


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.15	2.15	-3.62	-3.78	-3.81	-3.71

802.11a_Nss1,(6Mbps)_4TX PSD

5300MHz

27/02/2019

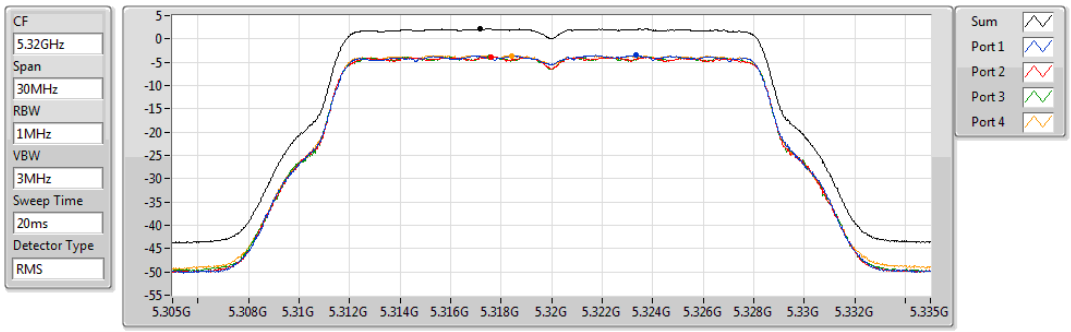


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.24	2.24	-3.42	-4.08	-3.66	-3.74

802.11a_Nss1,(6Mbps)_4TX PSD

5320MHz

27/02/2019

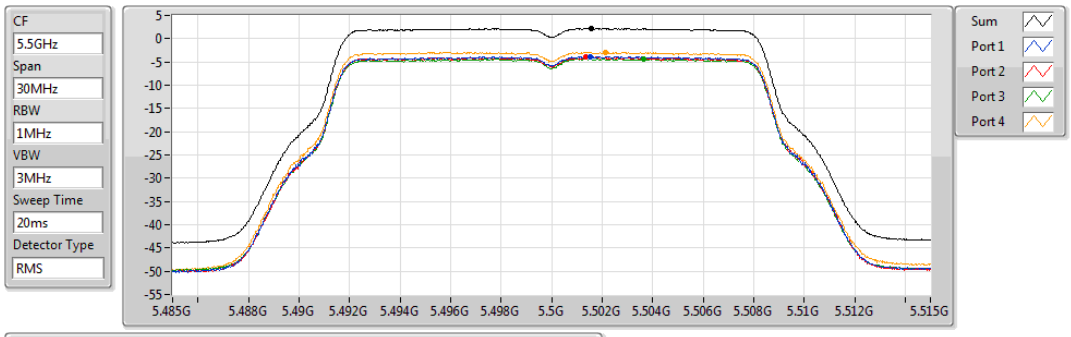


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.17	2.17	-3.54	-3.93	-3.90	-3.60

802.11a_Nss1,(6Mbps)_4TX PSD

5500MHz

27/02/2019

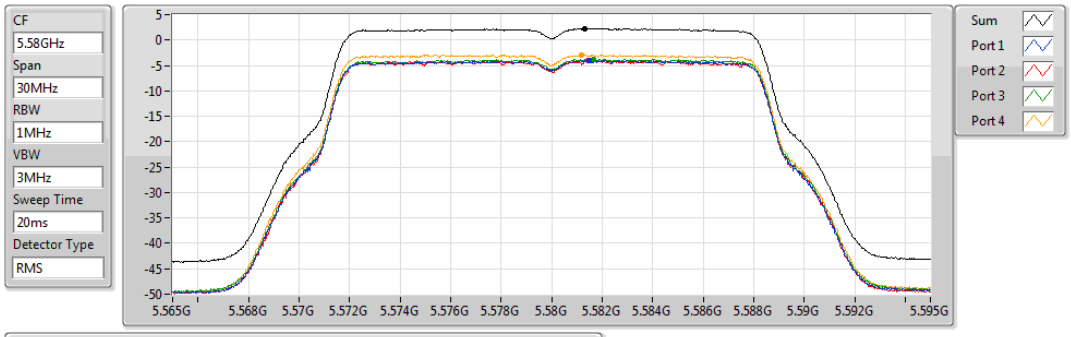


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.20	2.20	-3.85	-3.96	-4.30	-2.92

802.11a_Nss1,(6Mbps)_4TX PSD

5580MHz

27/02/2019

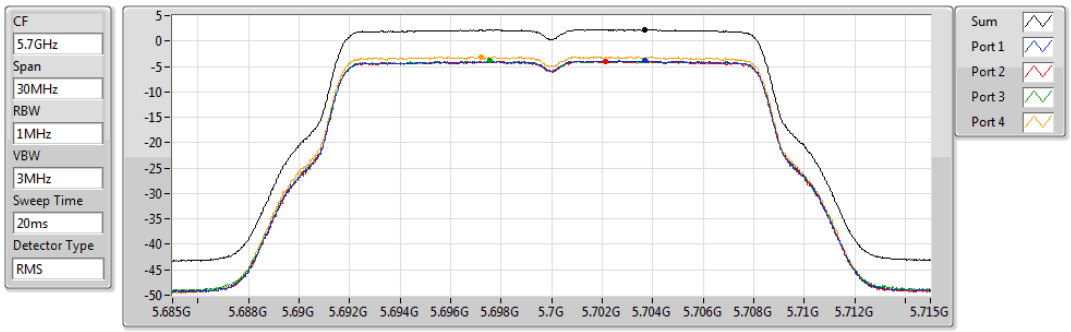


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.25	2.25	-4.03	-4.06	-3.82	-2.89

802.11a_Nss1,(6Mbps)_4TX PSD

5700MHz

27/02/2019

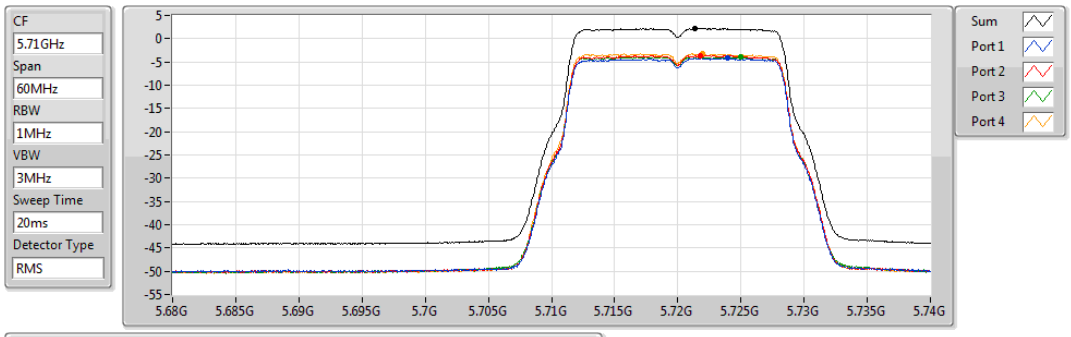


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.24	2.24	-3.88	-3.92	-3.84	-3.10

802.11a_Nss1,(6Mbps)_4TX PSD

5720MHz Straddle 5.47-5.725GHz

27/02/2019

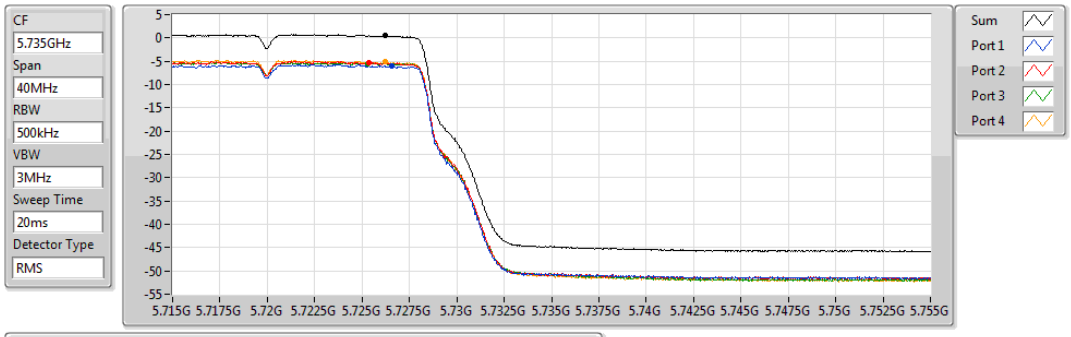


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.20	2.20	-4.17	-3.57	-3.92	-3.22

802.11a_Nss1,(6Mbps)_4TX PSD

5720MHz Straddle 5.725-5.85GHz

27/02/2019

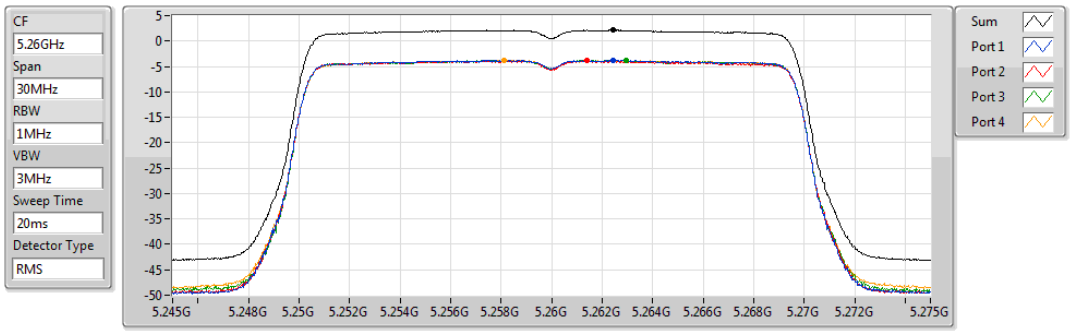


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.50	0.50	-5.97	-5.29	-5.46	-5.07

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5260MHz

27/02/2019

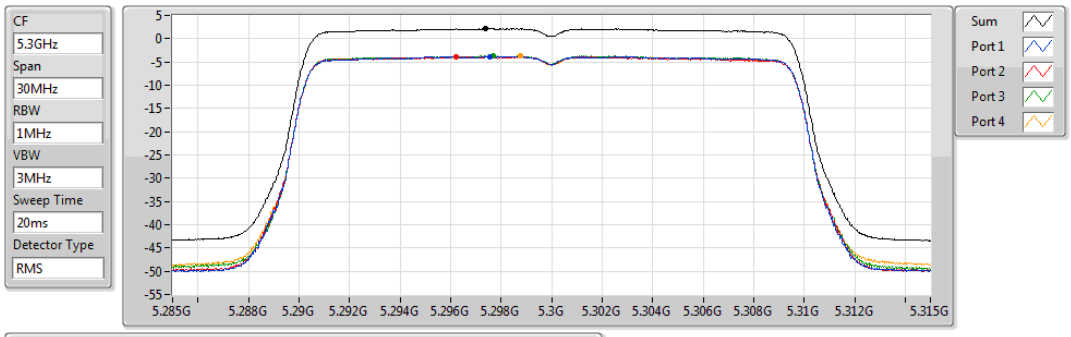


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.13	2.13	-3.77	-3.85	-3.83	-3.74

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5300MHz

27/02/2019

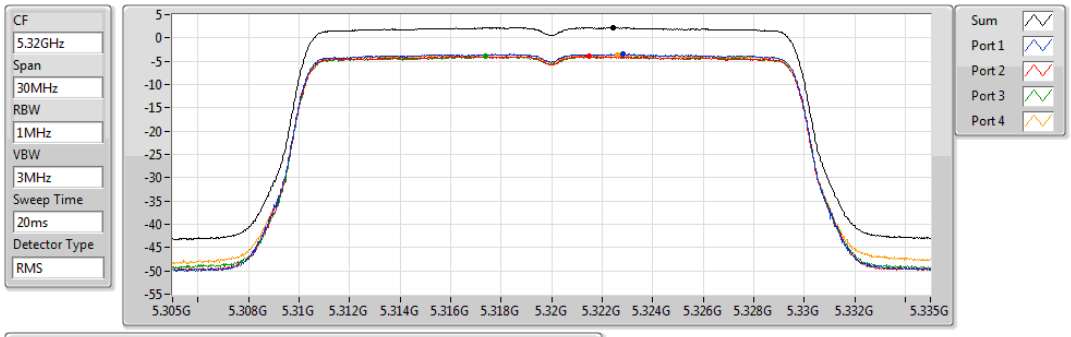


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.15	2.15	-3.83	-3.88	-3.70	-3.78

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5320MHz

27/02/2019

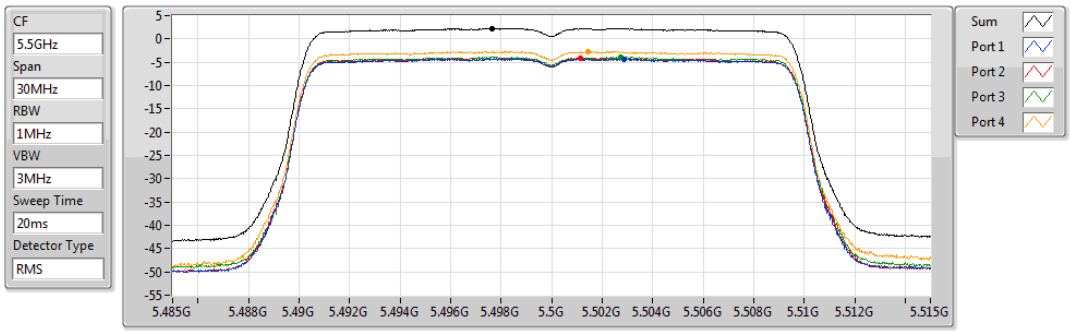


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.19	2.19	-3.49	-3.92	-3.99	-3.61

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5500MHz

27/02/2019

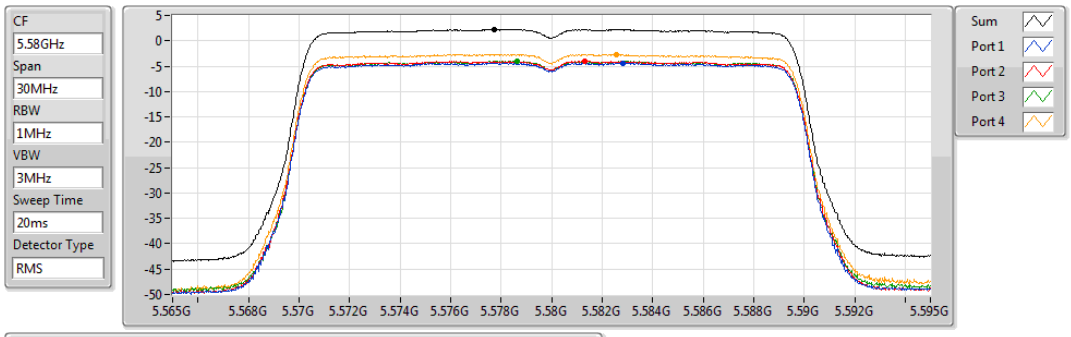


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.19	2.19	-4.31	-4.18	-3.89	-2.76

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5580MHz

27/02/2019

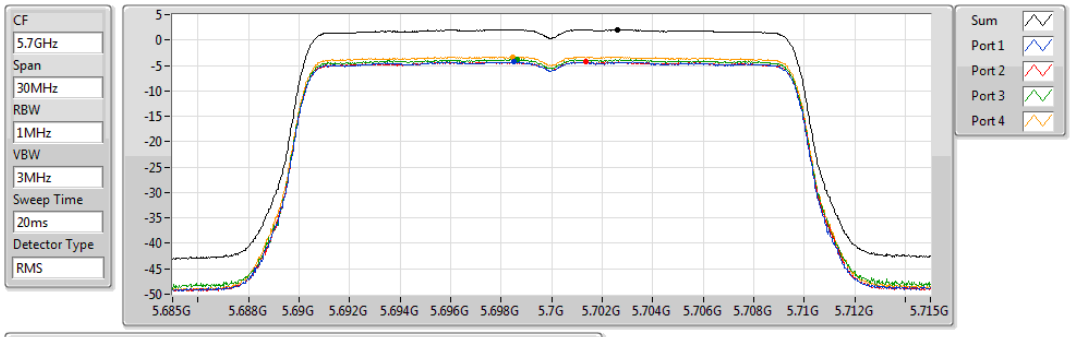


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.21	2.21	-4.40	-4.03	-4.04	-2.69

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5700MHz

27/02/2019

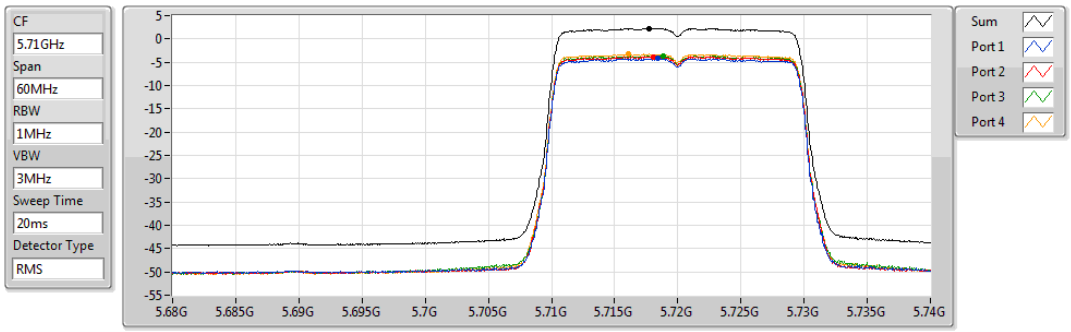


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.04	2.04	-4.27	-4.29	-3.83	-3.31

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.47-5.725GHz

27/02/2019

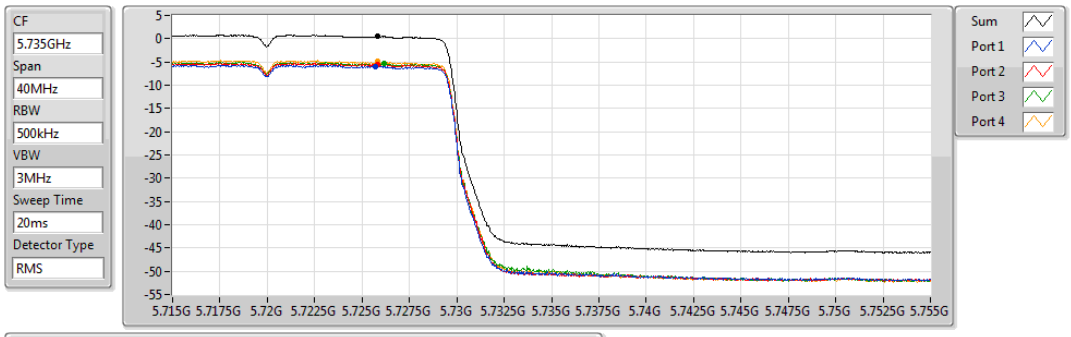


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.19	2.19	-4.25	-3.91	-3.64	-3.31

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.725-5.85GHz

27/02/2019

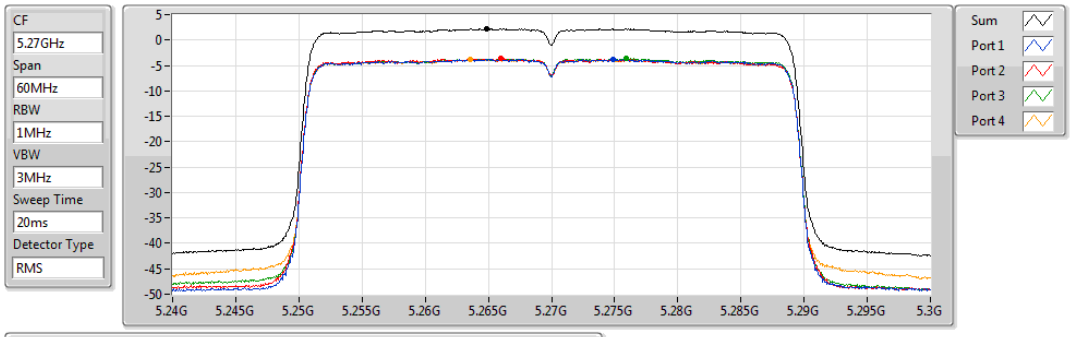


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.52	0.52	-5.98	-5.51	-5.36	-4.95

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5270MHz

27/02/2019

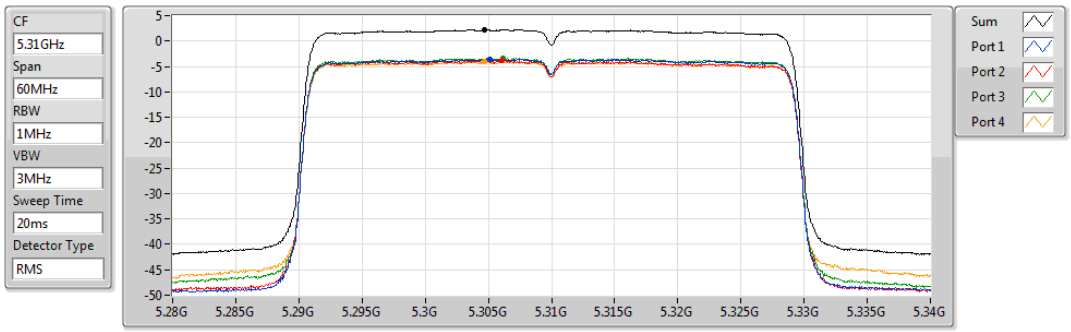


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.21	2.21	-3.77	-3.66	-3.66	-3.79

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5310MHz

27/02/2019

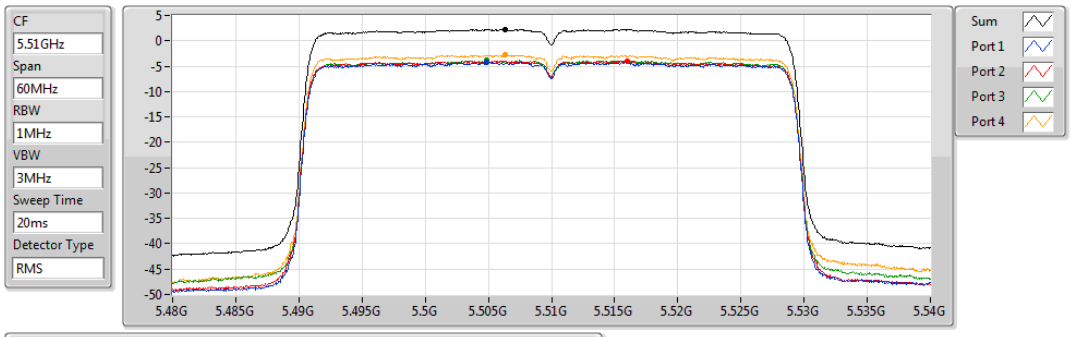


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.20	2.20	-3.60	-3.86	-3.39	-4.07

802.11ax HEW40_Nss1,(MCS0)_4TX **PSD**

5510MHz

27/02/2019

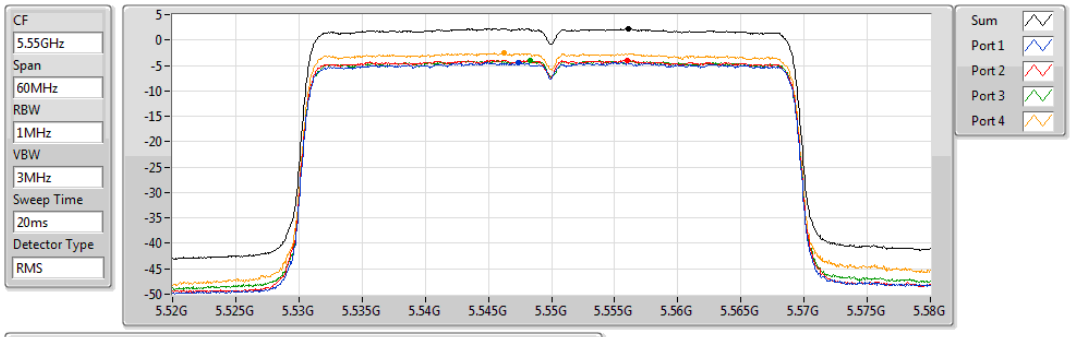


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.25	2.25	-4.23	-3.93	-3.91	-2.80

802.11ax HEW40_Nss1,(MCS0)_4TX **PSD**

5550MHz

27/02/2019

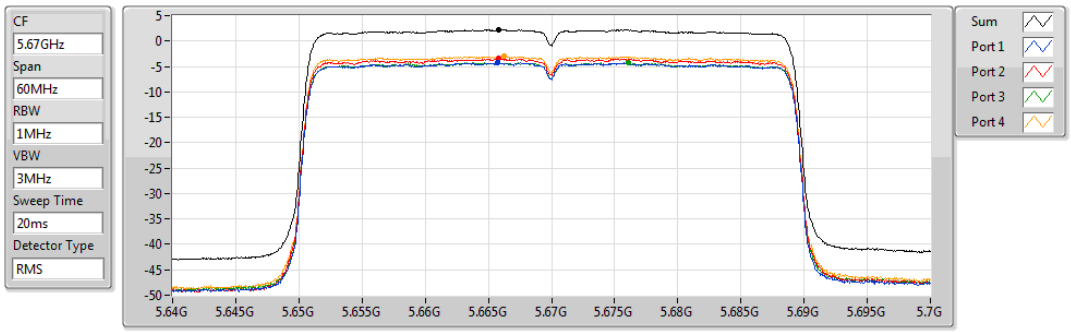


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.22	2.22	-4.42	-3.93	-4.05	-2.57

802.11ax HEW40_Nss1,(MCS0)_4TX **PSD**

5670MHz

27/02/2019

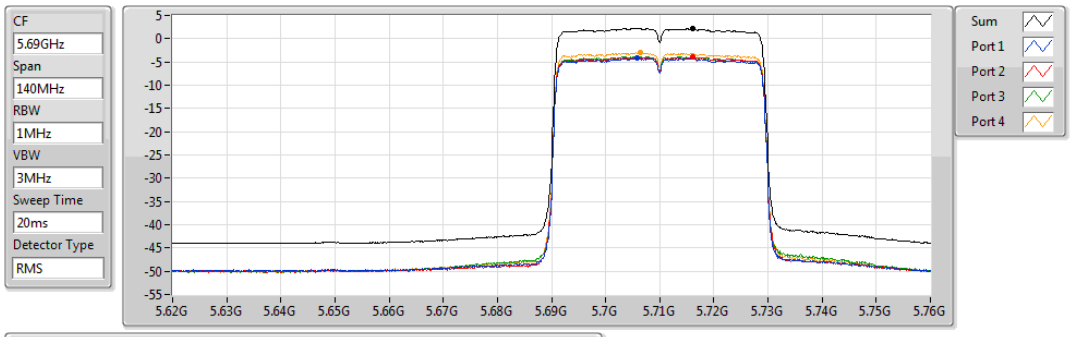


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.22	2.22	-4.28	-3.48	-4.29	-3.04

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5710MHz Straddle 5.47-5.725GHz

27/02/2019

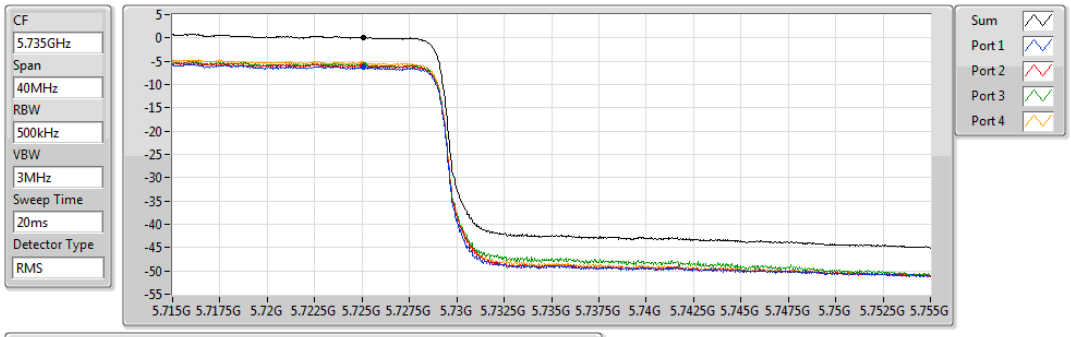


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.23	2.23	-4.21	-3.91	-3.83	-2.98

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5710MHz Straddle 5.725-5.85GHz

27/02/2019

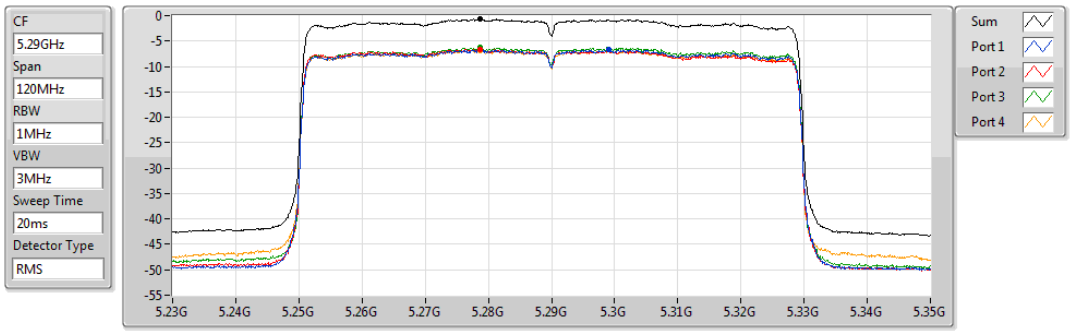


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.11	0.11	-6.32	-5.90	-5.79	-5.46

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5290MHz

27/02/2019

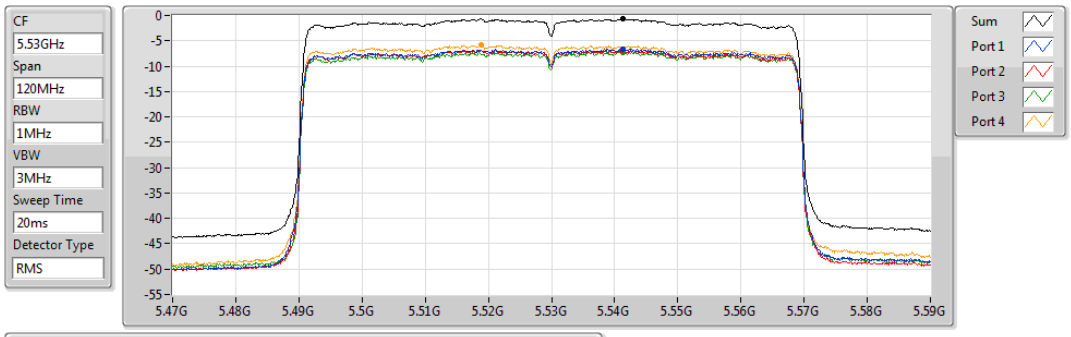


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.61	-0.61	-6.73	-6.65	-6.23	-6.85

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5530MHz

27/02/2019

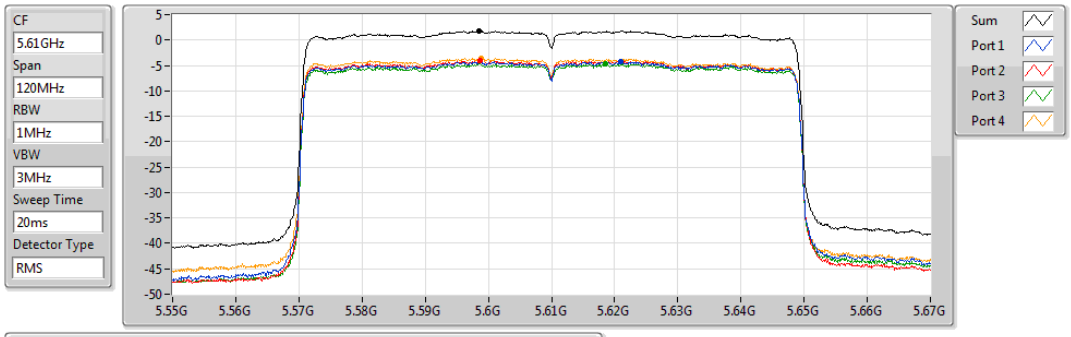


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.72	-0.72	-6.59	-6.83	-7.25	-5.80

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5610MHz

27/02/2019

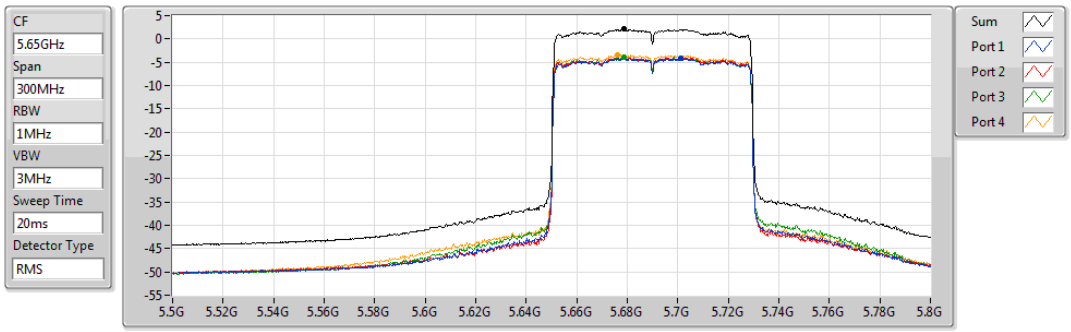


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.78	1.78	-4.33	-4.10	-4.69	-3.59

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.47-5.725GHz

27/02/2019

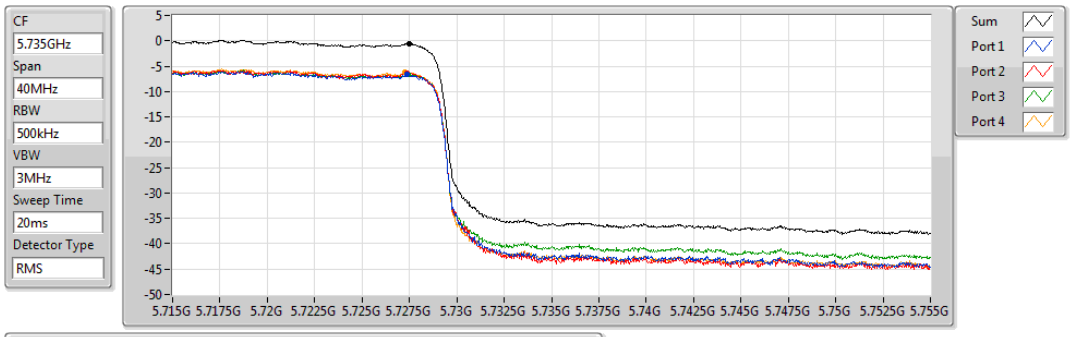


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.10	2.10	-4.15	-4.03	-3.95	-3.40

802.11ax HEW80_Nss1,(MCS0)_4TX **PSD**

5690MHz Straddle 5.725-5.85GHz

27/02/2019

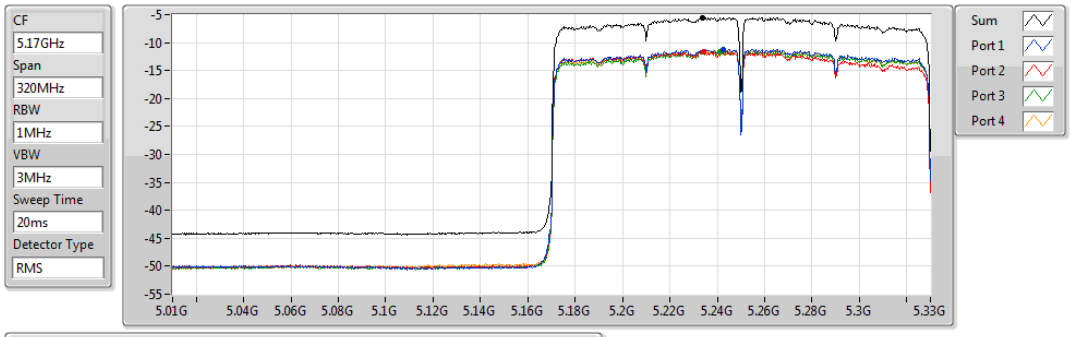


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.52	-0.52	-6.66	-6.40	-6.61	-6.23

802.11ax HEW160_Nss1,(MCS0_4TX **PSD**

5250MHz Straddle 5.15-5.25GHz

27/02/2019

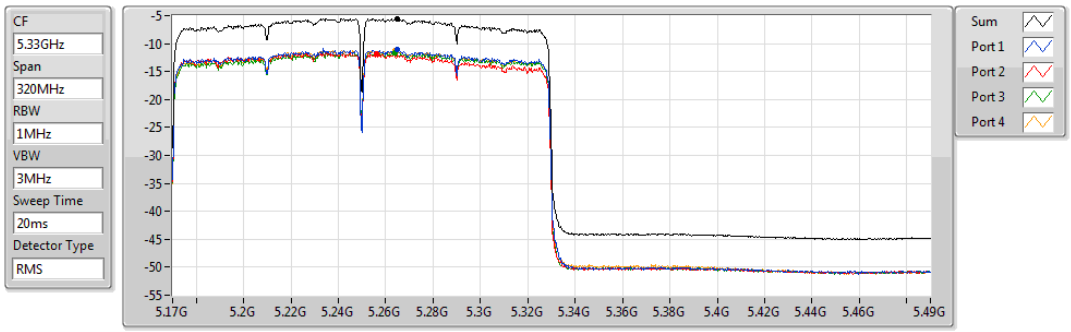


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.49	-5.49	-11.19	-11.66	-11.68	-11.31

802.11ax HEW160_Nss1,(MCS0)_4TX **PSD**

5250MHz Straddle 5.25-5.35GHz

27/02/2019

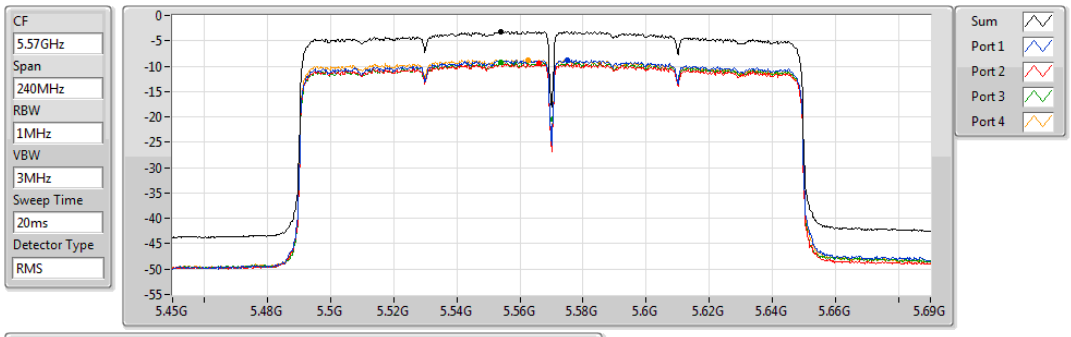


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.57	-5.57	-11.11	-11.89	-11.72	-11.17

802.11ax HEW160_Nss1,(MCS0)_4TX **PSD**

5570MHz

27/02/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.12	-3.12	-8.79	-9.53	-9.17	-8.72

For Beamforming / 4T1S mode
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-3.67
5.25-5.35GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	2.24
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-0.68
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-3.76
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-3.73
5.47-5.725GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	2.21
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-0.69
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-3.80
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-6.52
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-0.11
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-3.20
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-6.77

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

Result

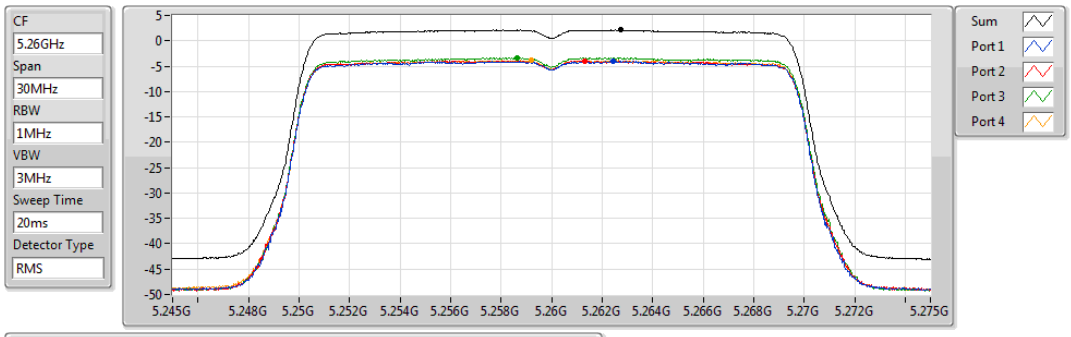
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	14.72	-4.02	-3.93	-3.36	-3.90	2.13	2.28
5300MHz	Pass	14.72	-4.20	-3.86	-3.49	-3.73	2.13	2.28
5320MHz	Pass	14.72	-4.15	-3.74	-3.50	-3.49	2.24	2.28
5500MHz	Pass	14.72	-4.88	-3.65	-3.34	-3.12	2.21	2.28
5580MHz	Pass	14.72	-5.17	-3.43	-3.54	-3.02	2.20	2.28
5700MHz	Pass	14.72	-4.43	-3.73	-3.26	-3.43	2.19	2.28
5720MHz Straddle 5.47-5.725GHz	Pass	14.72	-5.08	-4.36	-3.83	-4.48	1.50	2.28
5720MHz Straddle 5.725-5.85GHz	Pass	14.72	-6.70	-5.90	-5.65	-6.05	-0.11	21.28
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	14.72	-6.80	-6.48	-6.24	-6.90	-0.68	2.28
5310MHz	Pass	14.72	-6.77	-6.97	-6.60	-7.17	-0.96	2.28
5510MHz	Pass	14.72	-7.73	-6.73	-6.59	-6.09	-0.88	2.28
5550MHz	Pass	14.72	-7.35	-6.94	-6.22	-5.91	-0.69	2.28
5670MHz	Pass	14.72	-7.29	-7.17	-6.27	-5.99	-0.70	2.28
5710MHz Straddle 5.47-5.725GHz	Pass	14.72	-7.86	-7.20	-6.59	-6.69	-1.08	2.28
5710MHz Straddle 5.725-5.85GHz	Pass	14.72	-9.96	-9.27	-8.57	-8.94	-3.20	21.28
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	14.72	-10.14	-9.66	-9.03	-9.93	-3.76	2.28
5530MHz	Pass	14.72	-10.80	-9.82	-9.66	-9.04	-3.94	2.28
5610MHz	Pass	14.72	-10.26	-9.84	-9.56	-9.21	-3.80	2.28
5690MHz Straddle 5.47-5.725GHz	Pass	14.72	-10.42	-10.15	-9.12	-9.63	-3.87	2.28
5690MHz Straddle 5.725-5.85GHz	Pass	14.72	-13.23	-12.77	-12.24	-12.79	-6.77	21.28
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	14.72	-9.57	-8.96	-9.77	-10.01	-3.67	8.28
5250MHz Straddle 5.25-5.35GHz	Pass	14.72	-9.70	-9.45	-9.75	-9.93	-3.73	2.28
5570MHz	Pass	14.72	-12.72	-12.60	-12.61	-11.85	-6.52	2.28

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 Xpower density;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5260MHz

05/03/2019

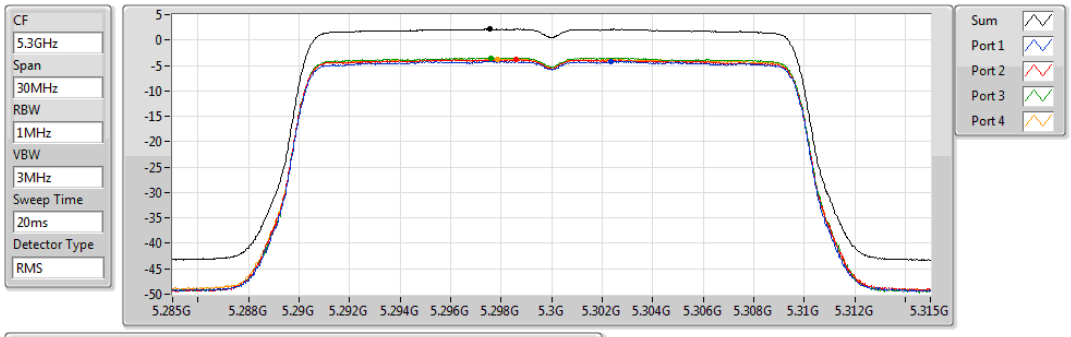


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.13	2.13	-4.02	-3.93	-3.36	-3.90

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5300MHz

05/03/2019

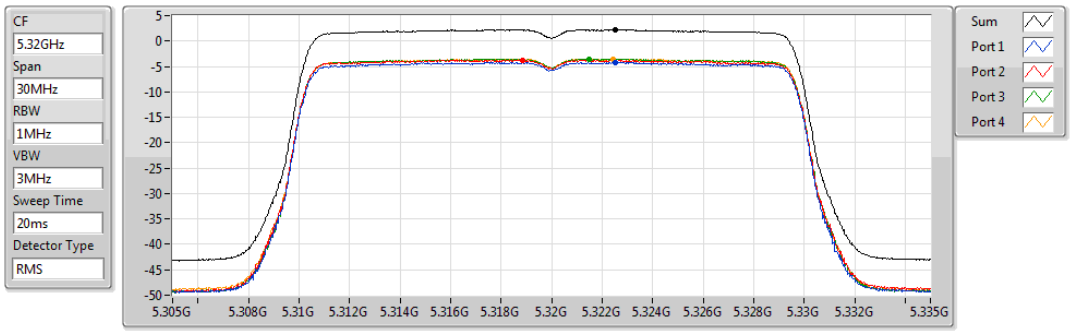


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.13	2.13	-4.20	-3.86	-3.49	-3.73

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5320MHz

05/03/2019

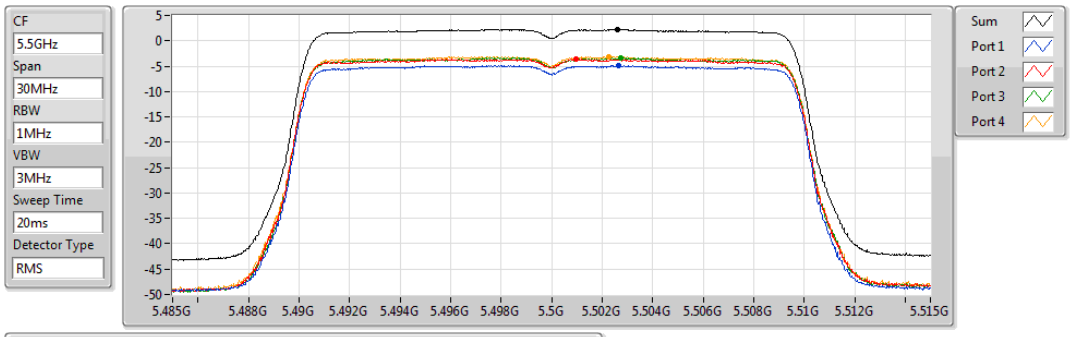


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.24	2.24	-4.15	-3.74	-3.50	-3.49

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5500MHz

05/03/2019

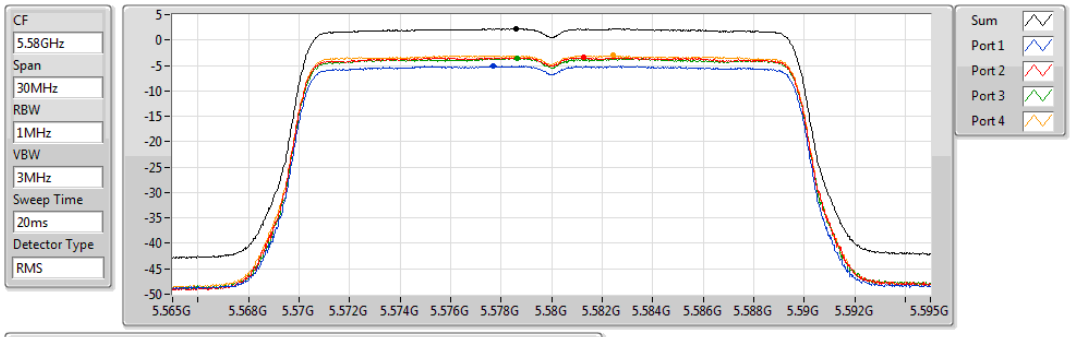


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.21	2.21	-4.88	-3.65	-3.34	-3.12

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5580MHz

05/03/2019

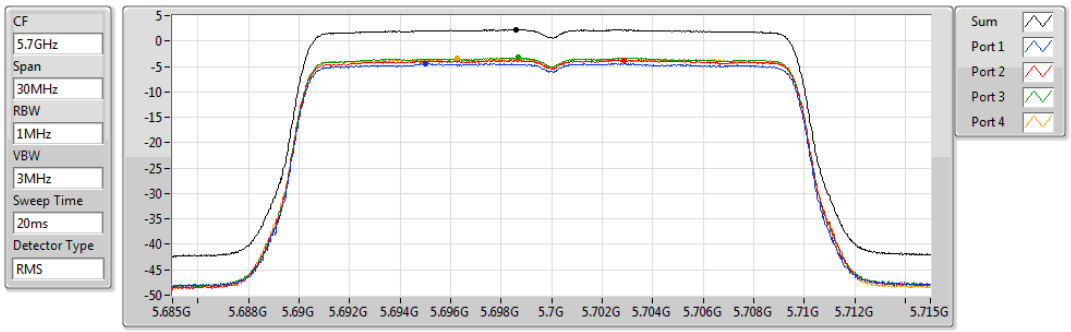


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.20	2.20	-5.17	-3.43	-3.54	-3.02

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5700MHz

05/03/2019

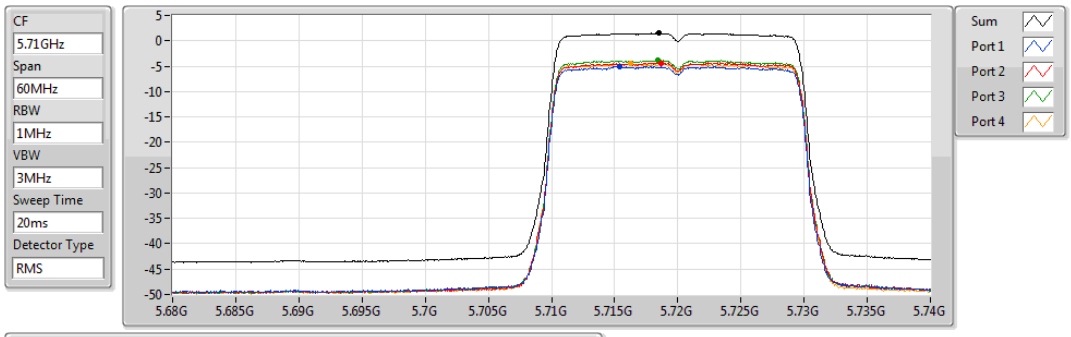


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.19	2.19	-4.43	-3.73	-3.26	-3.43

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

5720MHz Straddle 5.47-5.725GHz

05/03/2019

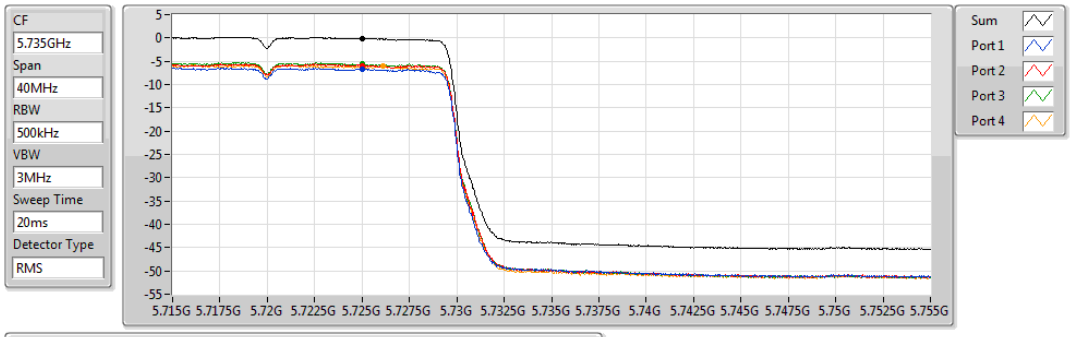


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.50	1.50	-5.08	-4.36	-3.83	-4.48

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

5720MHz Straddle 5.725-5.85GHz

05/03/2019

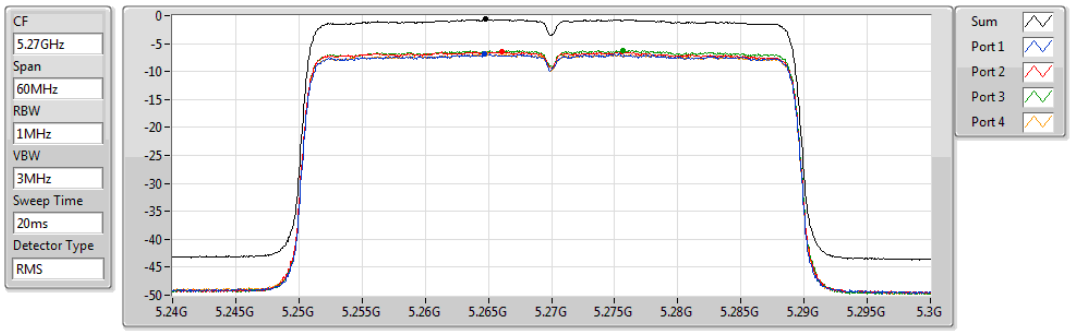


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.11	-0.11	-6.70	-5.90	-5.65	-6.05

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

5270MHz

05/03/2019

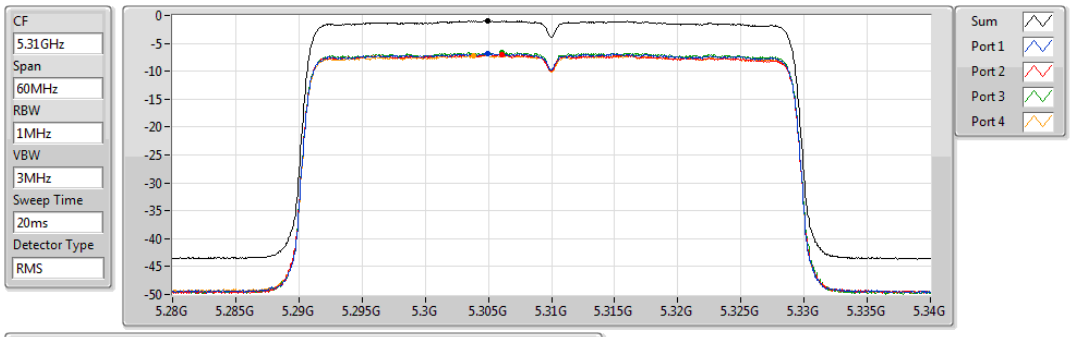


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.68	-0.68	-6.80	-6.48	-6.24	-6.90

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5310MHz

05/03/2019

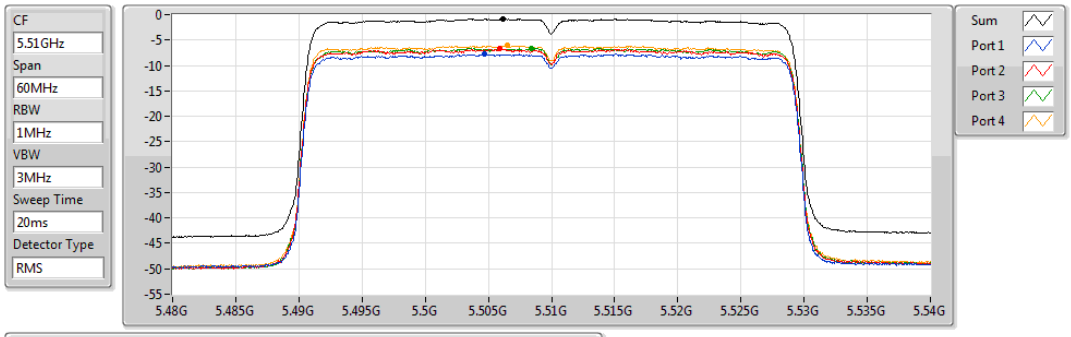


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.96	-0.96	-6.77	-6.97	-6.60	-7.17

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5510MHz

05/03/2019

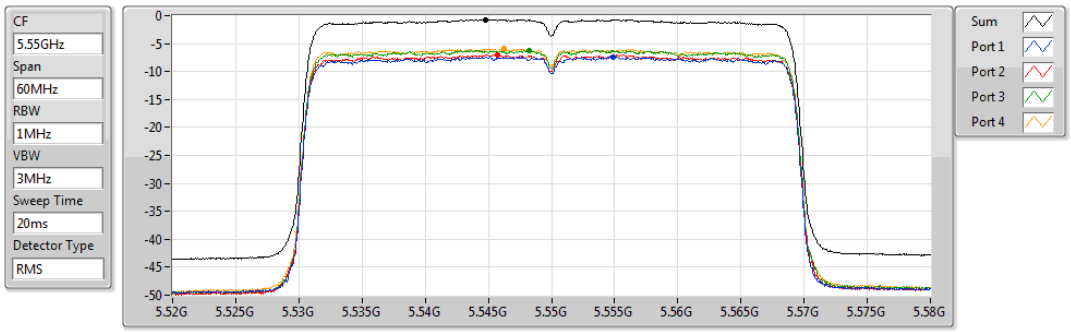


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.88	-0.88	-7.73	-6.73	-6.59	-6.09

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5550MHz

05/03/2019

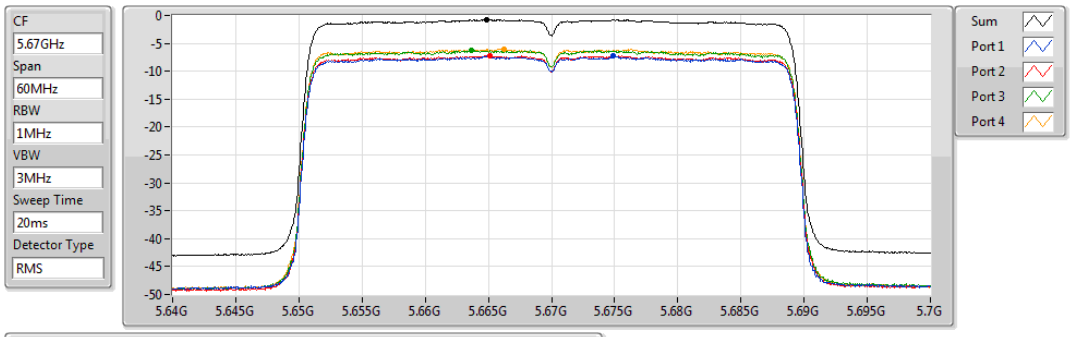


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.69	-0.69	-7.35	-6.94	-6.22	-5.91

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5670MHz

05/03/2019

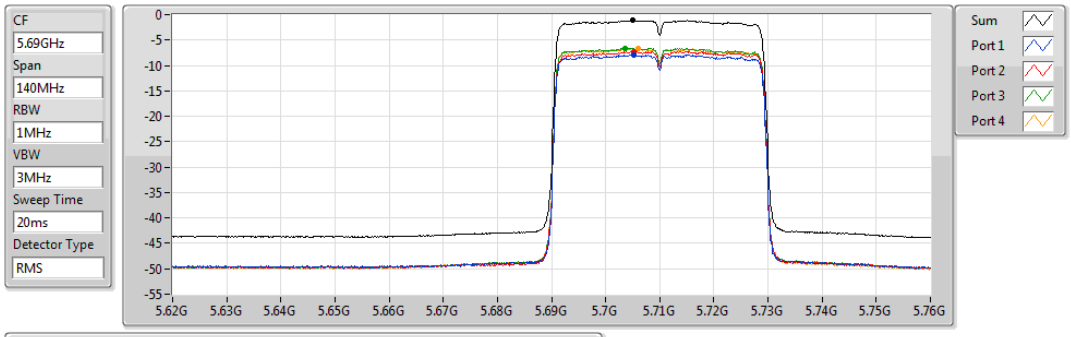


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.70	-0.70	-7.29	-7.17	-6.27	-5.99

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5710MHz Straddle 5.47-5.725GHz

05/03/2019

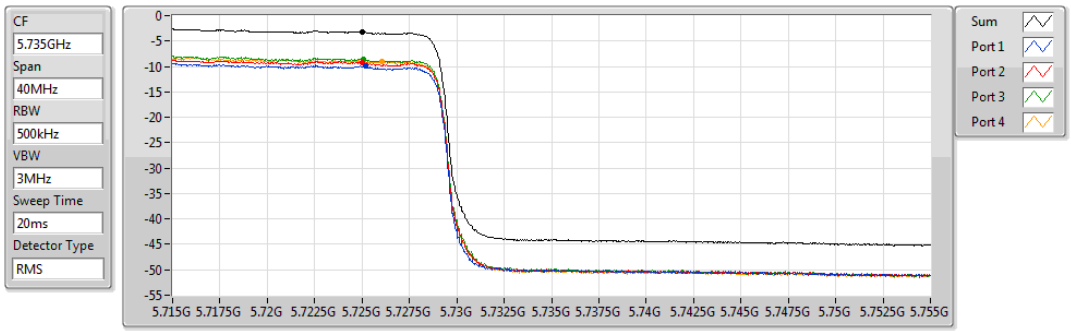


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.08	-1.08	-7.86	-7.20	-6.59	-6.69

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5710MHz Straddle 5.725-5.85GHz

05/03/2019

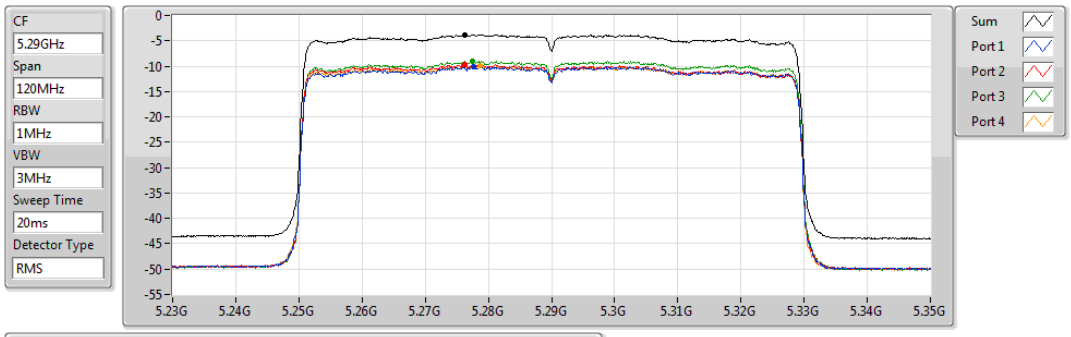


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.20	-3.20	-9.96	-9.27	-8.57	-8.94

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5290MHz

05/03/2019

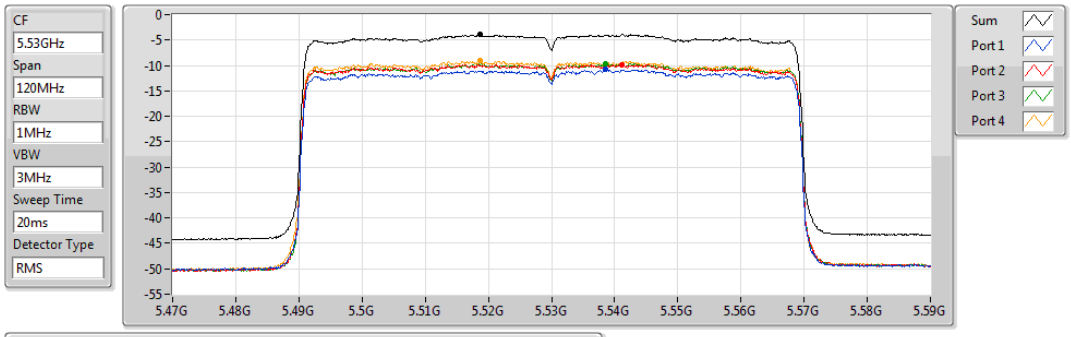


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.76	-3.76	-10.14	-9.66	-9.03	-9.93

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5530MHz

05/03/2019

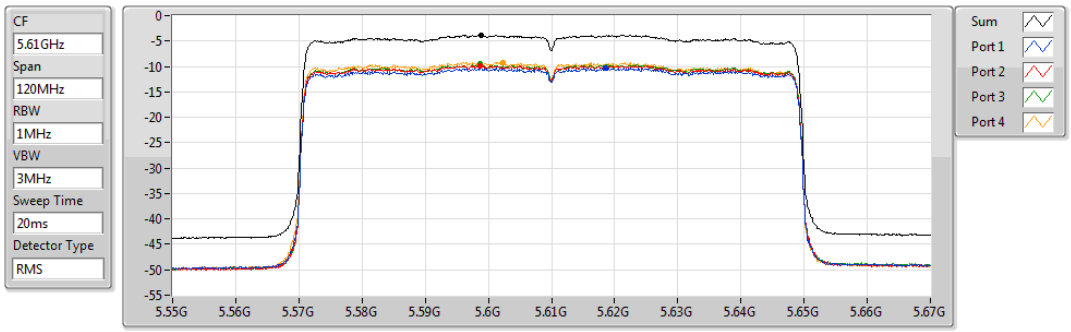


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.94	-3.94	-10.80	-9.82	-9.66	-9.04

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5610MHz

05/03/2019

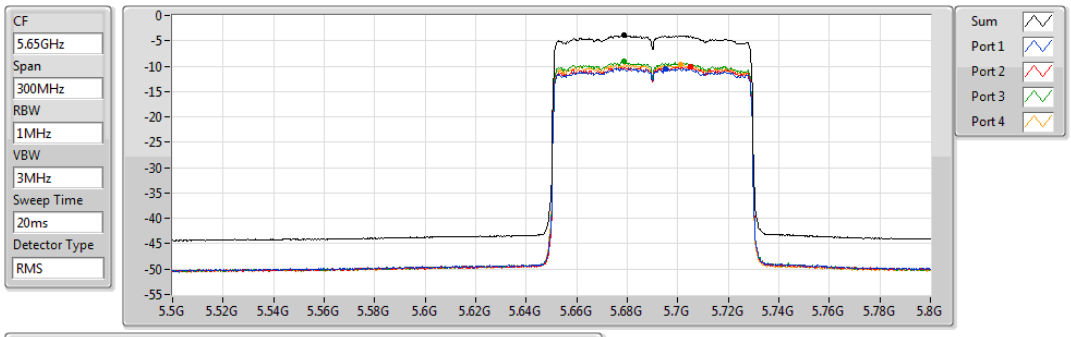


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.80	-3.80	-10.26	-9.84	-9.56	-9.21

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.47-5.725GHz

05/03/2019

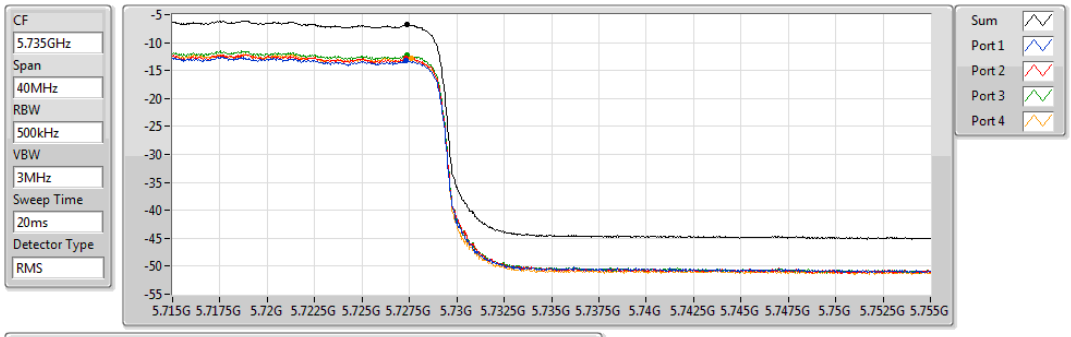


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.87	-3.87	-10.42	-10.15	-9.12	-9.63

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.725-5.85GHz

05/03/2019

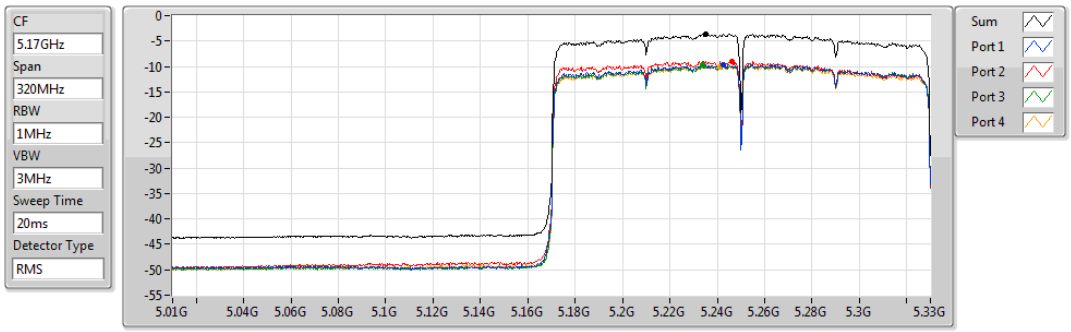


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.77	-6.77	-13.23	-12.77	-12.24	-12.79

802.11ax HEW160-BF_Nss1,(MCS0)_4TX PSD

5250MHz Straddle 5.15-5.25GHz

05/03/2019

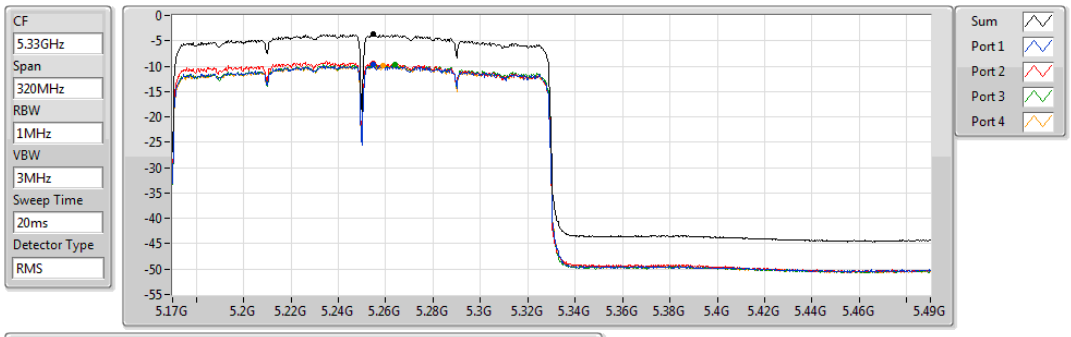


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.67	-3.67	-9.57	-8.96	-9.77	-10.01

802.11ax HEW160-BF_Nss1,(MCS0)_4TX PSD

5250MHz Straddle 5.25-5.35GHz

05/03/2019

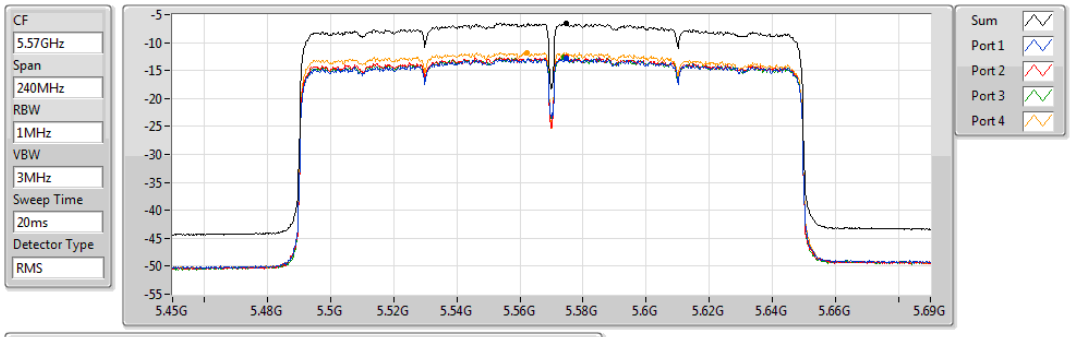


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.73	-3.73	-9.70	-9.45	-9.75	-9.93

802.11ax HEW160-BF_Nss1,(MCS0)_4TX PSD

5570MHz

05/03/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.52	-6.52	-12.72	-12.60	-12.61	-11.85

For Non-beamforming / 4T4S mode
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss4,(MCS0)_4TX	-4.89
5.25-5.35GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	7.94
802.11ax HEW40_Nss4,(MCS0)_4TX	5.06
802.11ax HEW80_Nss4,(MCS0)_4TX	-0.32
802.11ax HEW160_Nss4,(MCS0)_4TX	-4.95
5.47-5.725GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	7.64
802.11ax HEW40_Nss4,(MCS0)_4TX	5.09
802.11ax HEW80_Nss4,(MCS0)_4TX	2.40
802.11ax HEW160_Nss4,(MCS0)_4TX	-4.04
5.725-5.85GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	6.01
802.11ax HEW40_Nss4,(MCS0)_4TX	3.11
802.11ax HEW80_Nss4,(MCS0)_4TX	-0.18

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

Result

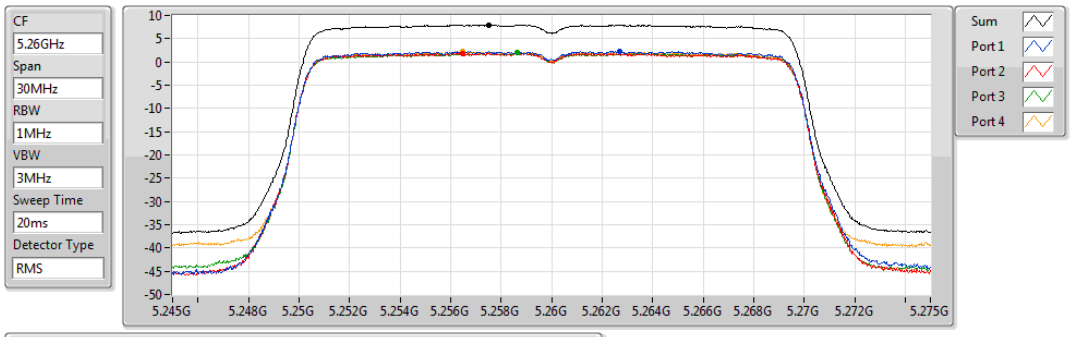
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.70	2.28	1.84	1.95	2.17	7.94	8.30
5300MHz	Pass	8.70	1.91	1.68	2.24	1.96	7.83	8.30
5320MHz	Pass	8.70	1.90	1.56	1.45	1.85	7.58	8.30
5500MHz	Pass	8.70	1.49	1.31	1.40	2.46	7.56	8.30
5580MHz	Pass	8.70	1.02	1.45	1.65	2.53	7.58	8.30
5700MHz	Pass	8.70	-0.39	-0.26	-0.23	0.70	5.88	8.30
5720MHz Straddle 5.47-5.725GHz	Pass	8.70	0.80	1.76	2.03	2.32	7.64	8.30
5720MHz Straddle 5.725-5.85GHz	Pass	8.70	-0.76	0.03	0.36	0.54	6.01	27.30
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	8.70	-1.02	-0.69	-0.49	-1.19	5.06	8.30
5310MHz	Pass	8.70	-3.24	-2.86	-2.43	-3.14	2.97	8.30
5510MHz	Pass	8.70	-3.90	-3.59	-3.47	-2.51	2.57	8.30
5550MHz	Pass	8.70	-1.44	-1.28	-1.53	-0.07	4.84	8.30
5670MHz	Pass	8.70	-2.91	-2.54	-2.82	-2.36	3.21	8.30
5710MHz Straddle 5.47-5.725GHz	Pass	8.70	-1.64	-0.52	-0.96	-0.28	5.09	8.30
5710MHz Straddle 5.725-5.85GHz	Pass	8.70	-3.66	-2.45	-3.05	-2.22	3.11	27.30
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.70	-6.21	-6.46	-5.96	-6.63	-0.32	8.30
5530MHz	Pass	8.70	-6.53	-6.50	-6.51	-5.29	-0.32	8.30
5610MHz	Pass	8.70	-3.99	-3.69	-4.37	-3.03	2.10	8.30
5690MHz Straddle 5.47-5.725GHz	Pass	8.70	-3.99	-3.71	-3.69	-3.03	2.40	8.30
5690MHz Straddle 5.725-5.85GHz	Pass	8.70	-6.39	-6.36	-5.91	-5.88	-0.18	27.30
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.70	-10.87	-10.71	-10.89	-10.71	-4.89	14.30
5250MHz Straddle 5.25-5.35GHz	Pass	8.70	-10.88	-10.93	-10.73	-10.90	-4.95	8.30
5570MHz	Pass	8.70	-9.86	-10.10	-10.24	-9.54	-4.04	8.30

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 Xpower density;

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

5260MHz

27/02/2019

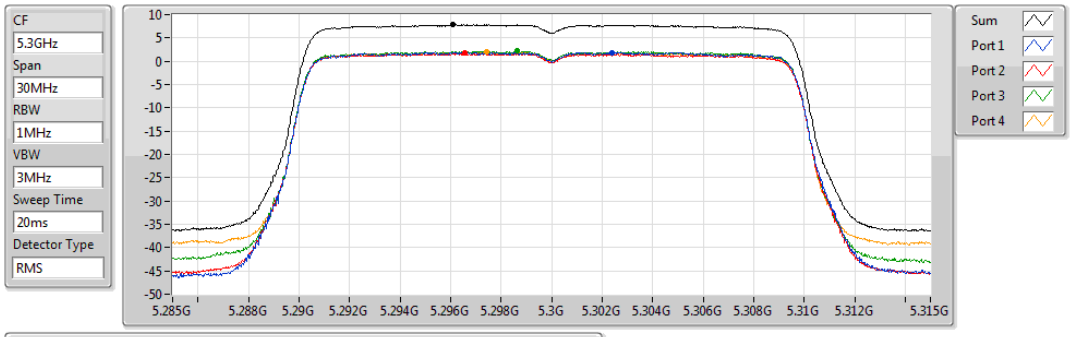


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.94	7.94	2.28	1.84	1.95	2.17

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

5300MHz

27/02/2019

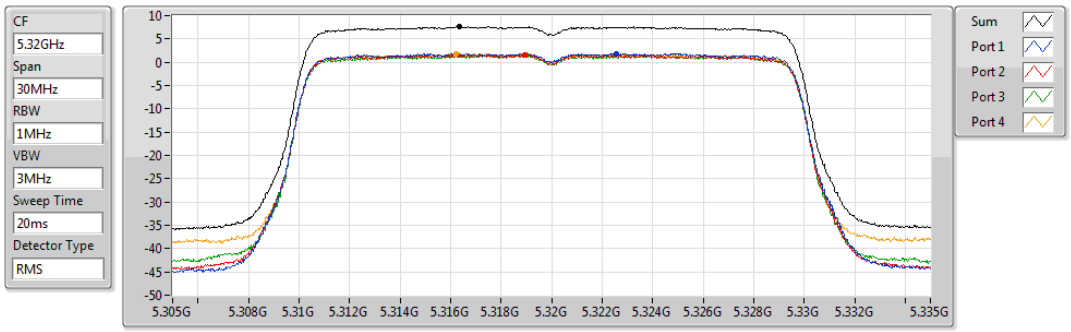


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.83	7.83	1.91	1.68	2.24	1.96

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

5320MHz

28/02/2019

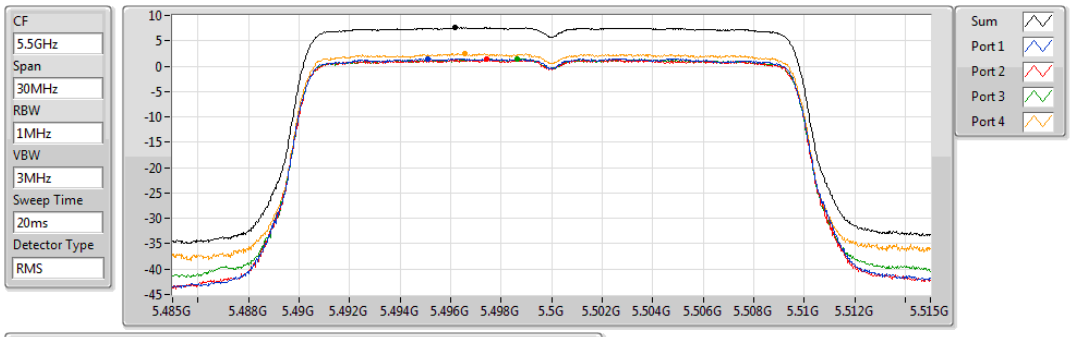


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.58	7.58	1.90	1.56	1.45	1.85

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

5500MHz

28/02/2019

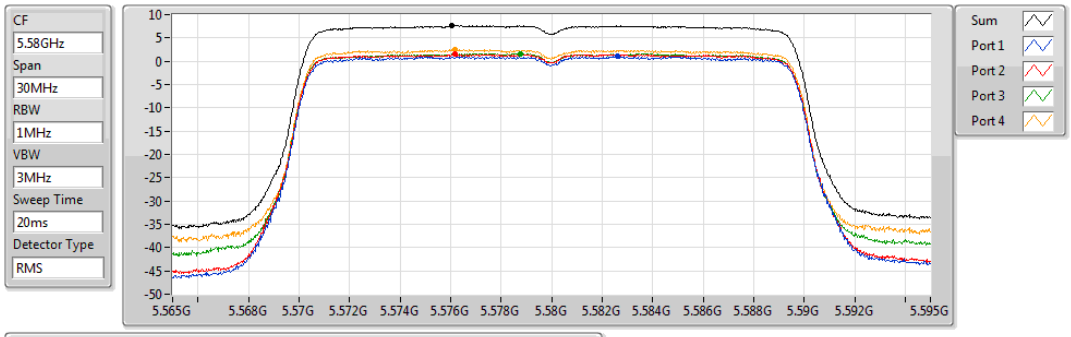


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.56	7.56	1.49	1.31	1.40	2.46

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

5580MHz

28/02/2019

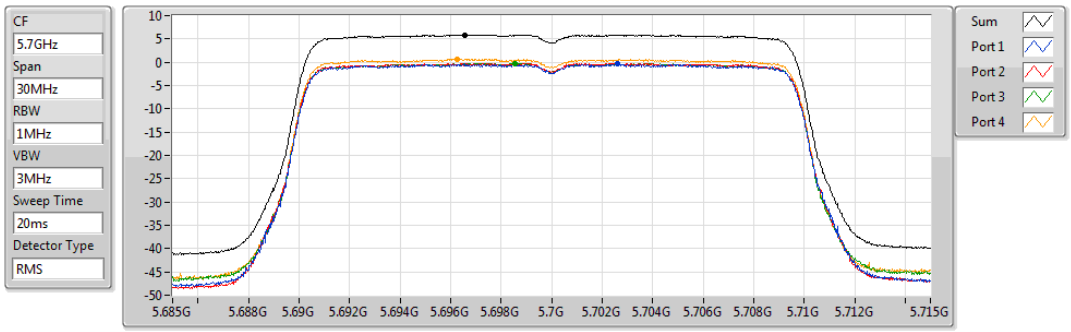


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.58	7.58	1.02	1.45	1.65	2.53

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

5700MHz

28/02/2019

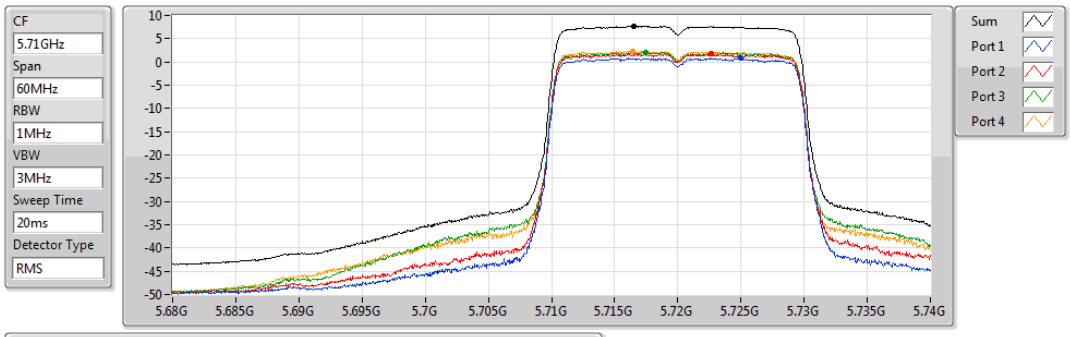


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.88	5.88	-0.39	-0.26	-0.23	0.70

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

5720MHz Straddle 5.47-5.725GHz

28/02/2019

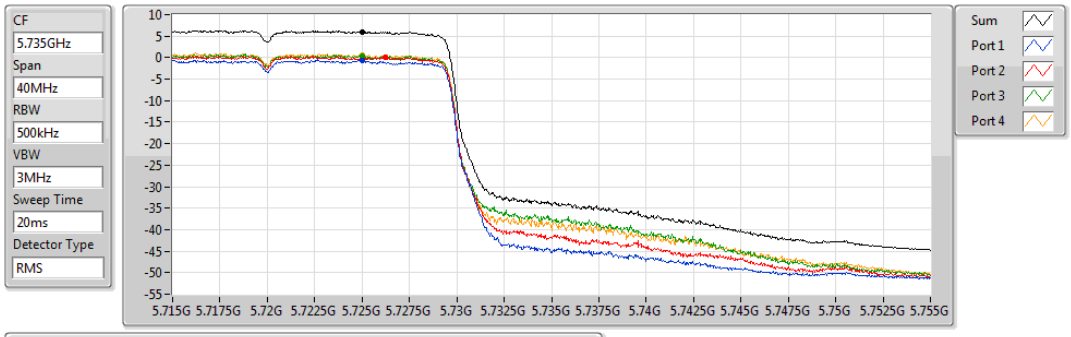


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.64	7.64	0.80	1.76	2.03	2.32

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

5720MHz Straddle 5.725-5.85GHz

28/02/2019

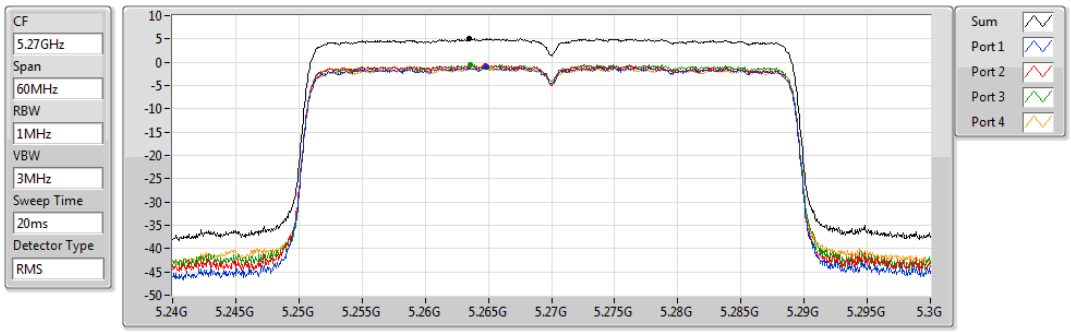


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.01	6.01	-0.76	0.03	0.36	0.54

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

5270MHz

28/02/2019

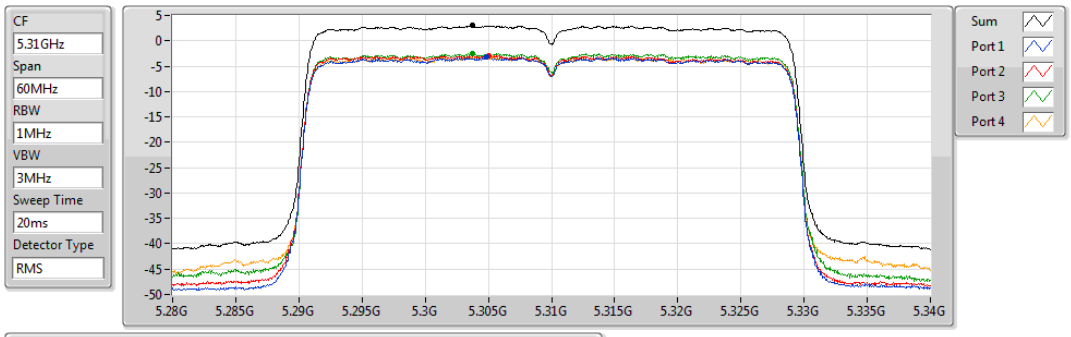


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.06	5.06	-1.02	-0.69	-0.49	-1.19

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

5310MHz

28/02/2019

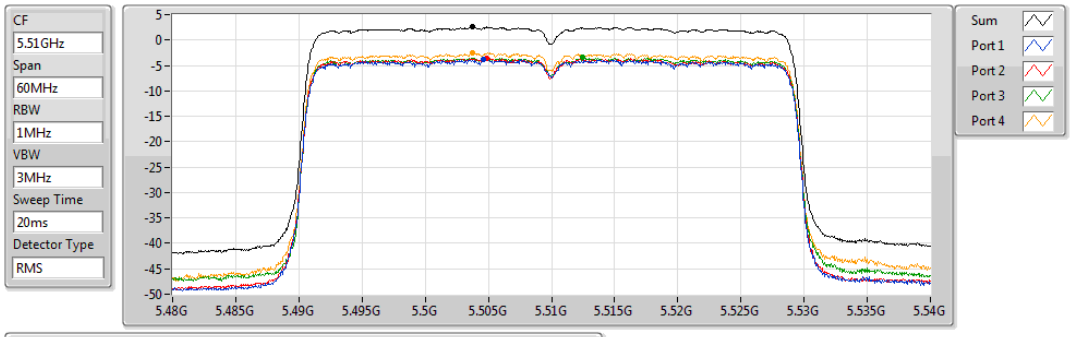


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.97	2.97	-3.24	-2.86	-2.43	-3.14

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

5510MHz

28/02/2019

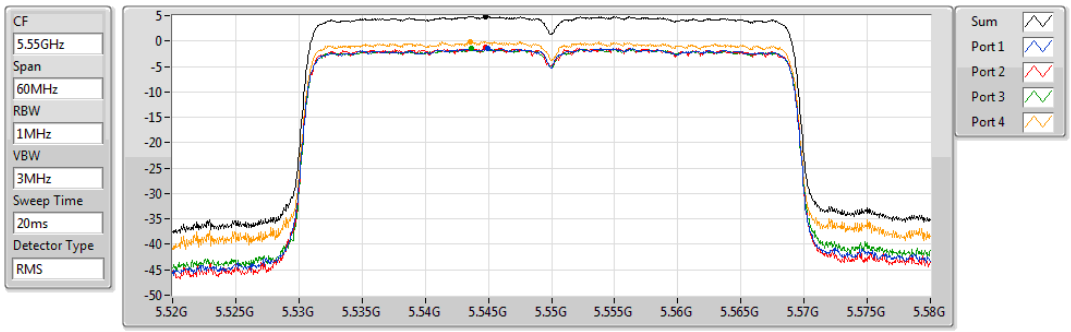


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.57	2.57	-3.90	-3.59	-3.47	-2.51

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

5550MHz

28/02/2019

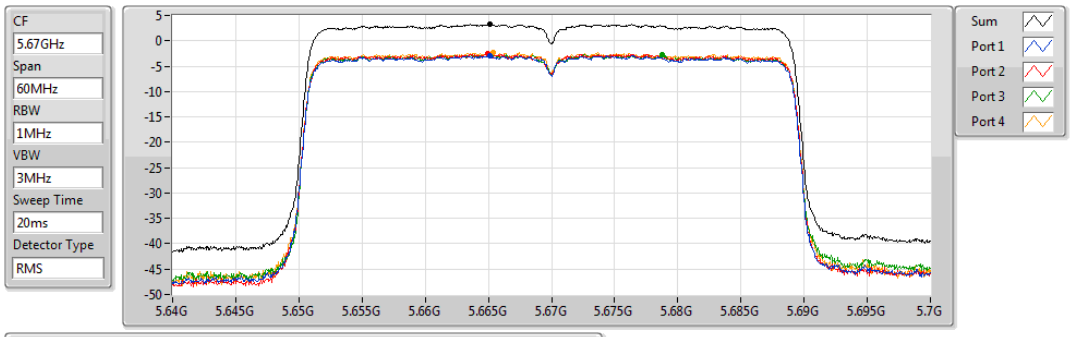


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.84	4.84	-1.44	-1.28	-1.53	-0.07

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

5670MHz

28/02/2019

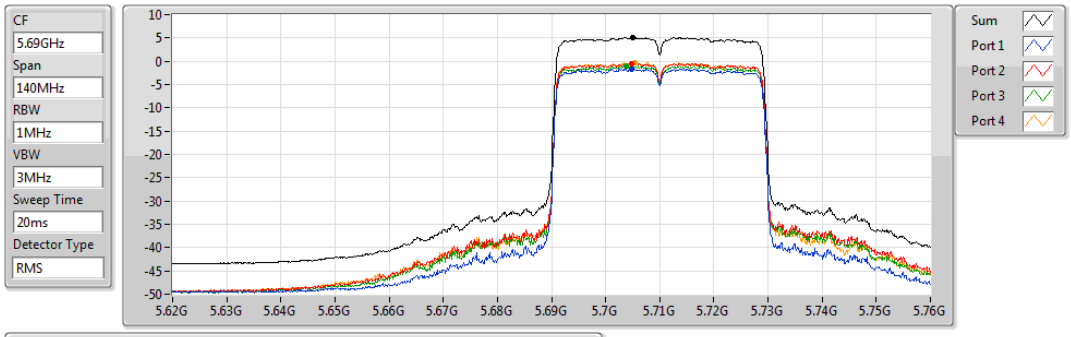


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.21	3.21	-2.91	-2.54	-2.82	-2.36

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

5710MHz Straddle 5.47-5.725GHz

28/02/2019

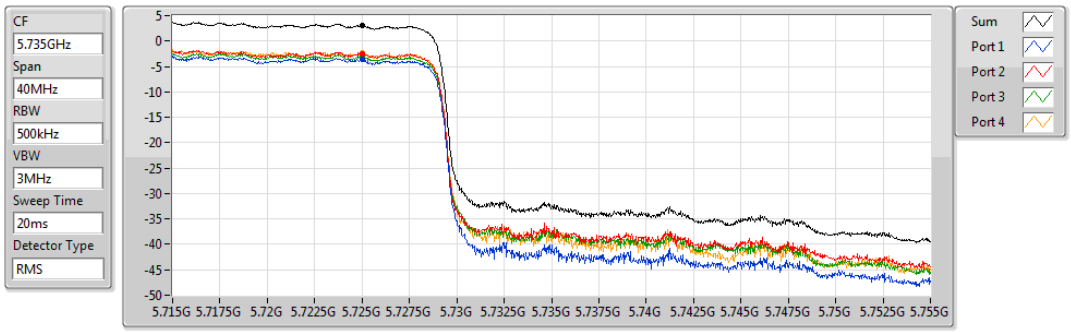


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.09	5.09	-1.64	-0.52	-0.96	-0.28

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

5710MHz Straddle 5.725-5.85GHz

28/02/2019

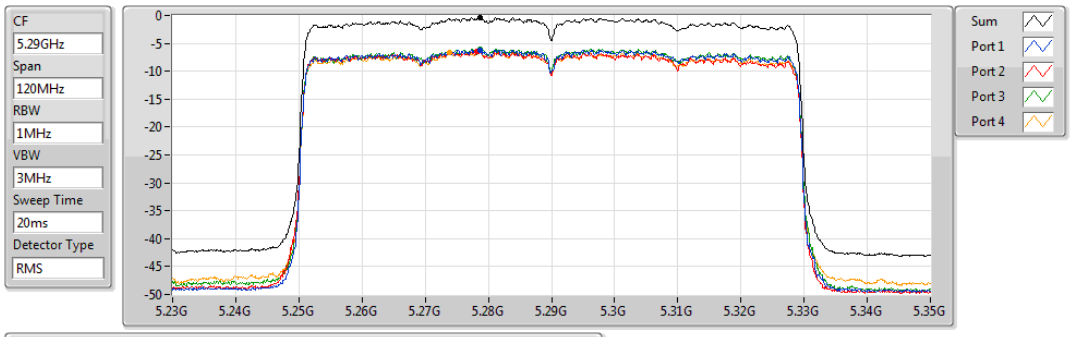


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.11	3.11	-3.66	-2.45	-3.05	-2.22

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

5290MHz

28/02/2019

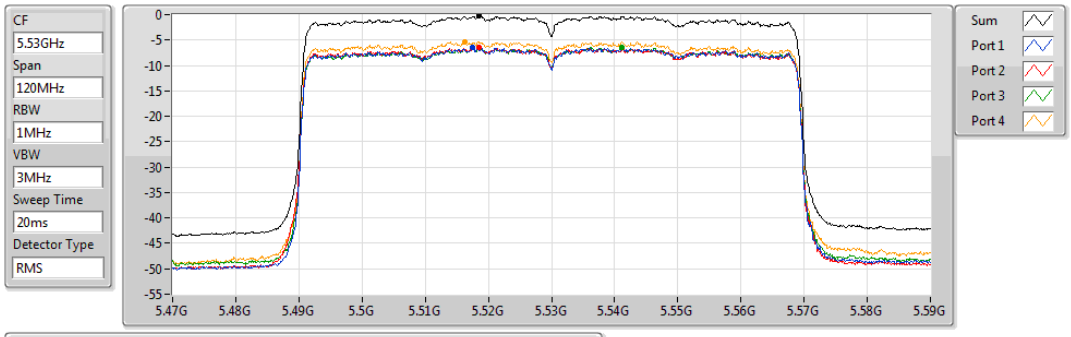


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.32	-0.32	-6.21	-6.46	-5.96	-6.63

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

5530MHz

27/02/2019

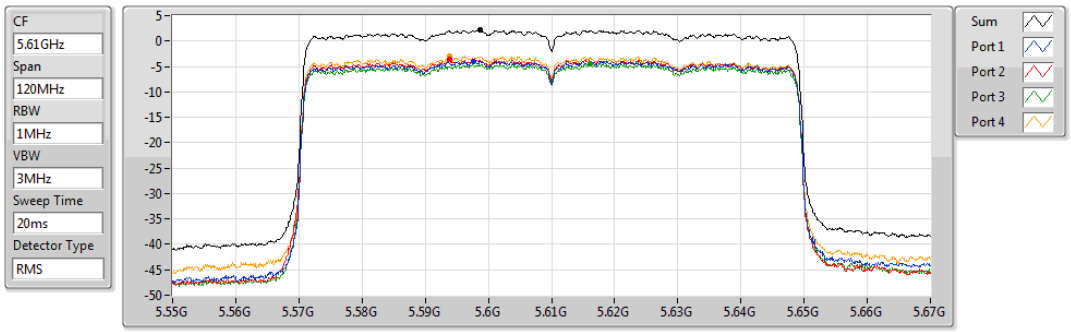


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.32	-0.32	-6.53	-6.50	-6.51	-5.29

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

5610MHz

28/02/2019

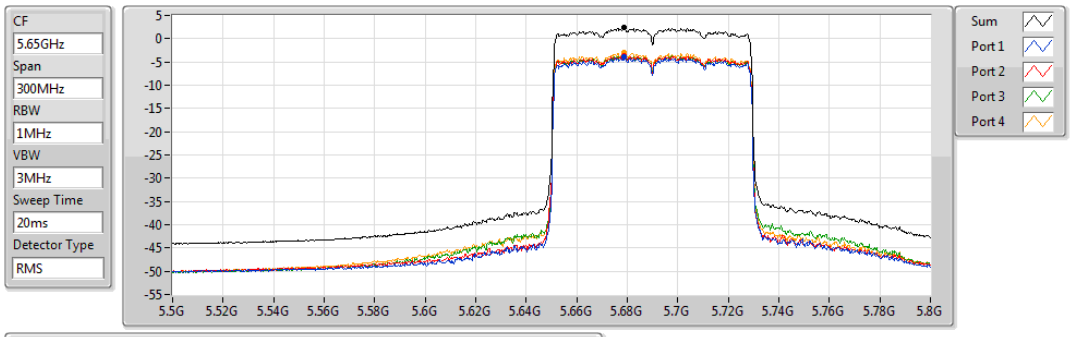


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.10	2.10	-3.99	-3.69	-4.37	-3.03

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

5690MHz Straddle 5.47-5.725GHz

28/02/2019

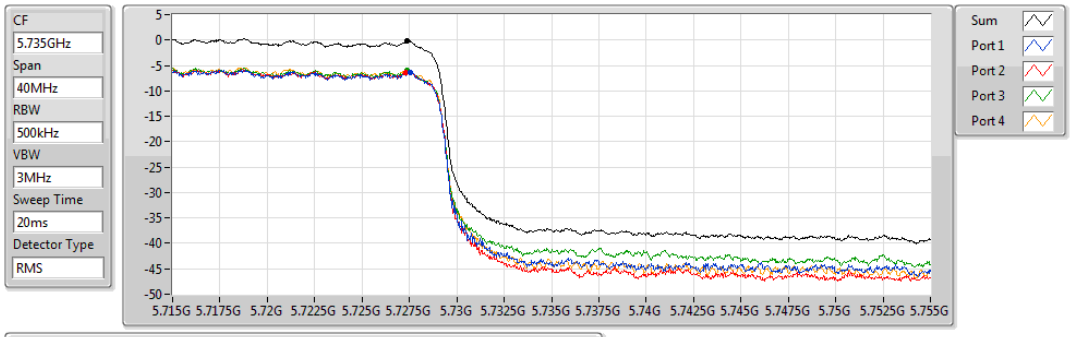


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.40	2.40	-3.99	-3.71	-3.69	-3.03

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

5690MHz Straddle 5.725-5.85GHz

28/02/2019

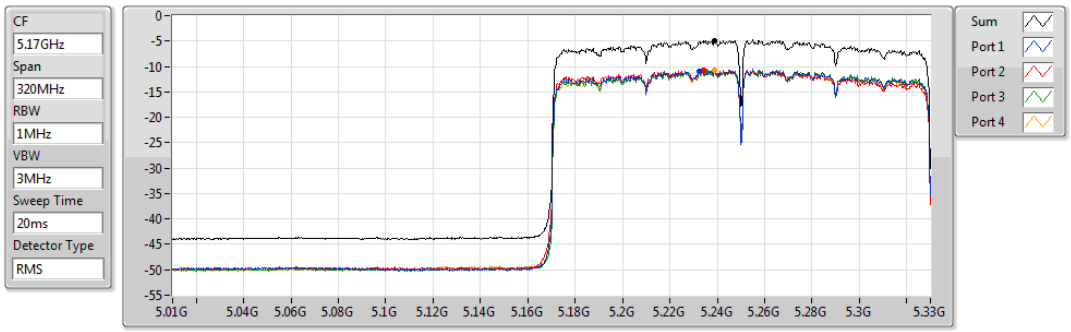


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.18	-0.18	-6.39	-6.36	-5.91	-5.88

802.11ax HEW160_Nss4,(MCS0)_4TX PSD

5250MHz Straddle 5.15-5.25GHz

28/02/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.89	-4.89	-10.87	-10.71	-10.89	-10.71