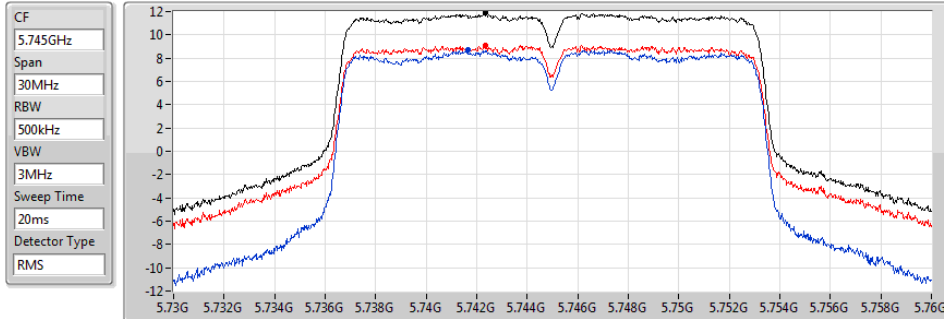


802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

09/10/2019



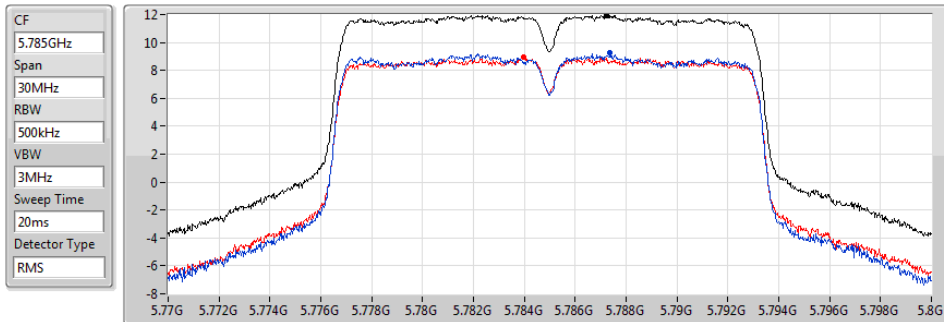
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.91	11.91	8.68	9.13

802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

09/10/2019



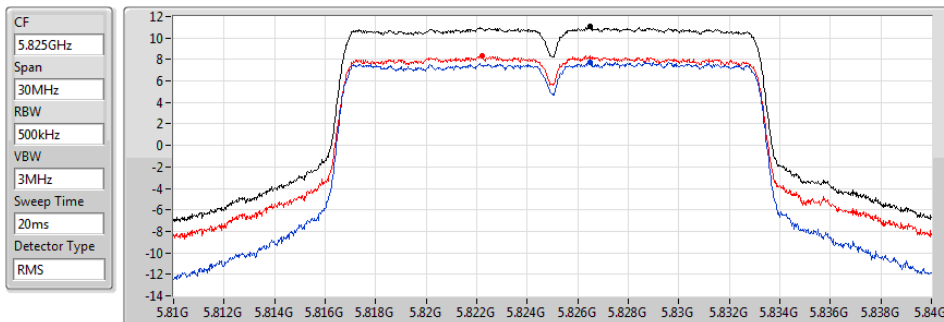
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.96	11.96	9.23	8.94

802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

09/10/2019



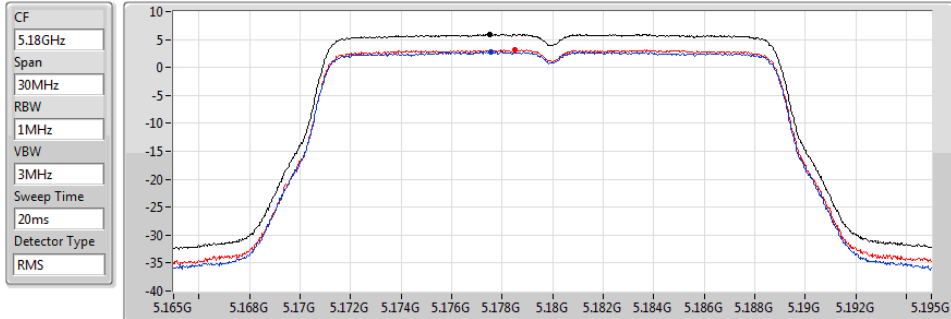
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.05	11.05	7.73	8.33

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5180MHz

09/10/2019



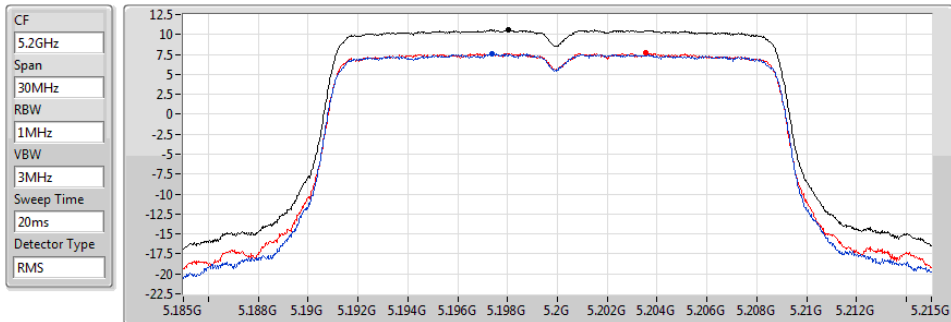
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.93	5.93	2.87	3.15

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5200MHz

09/10/2019



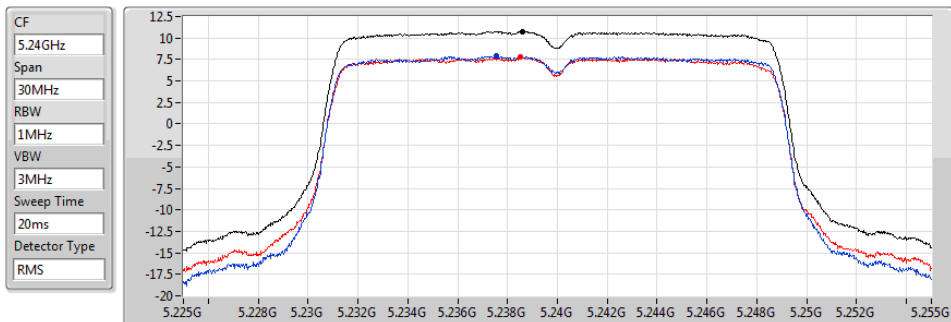
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.58	10.58	7.61	7.67

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5240MHz

09/10/2019



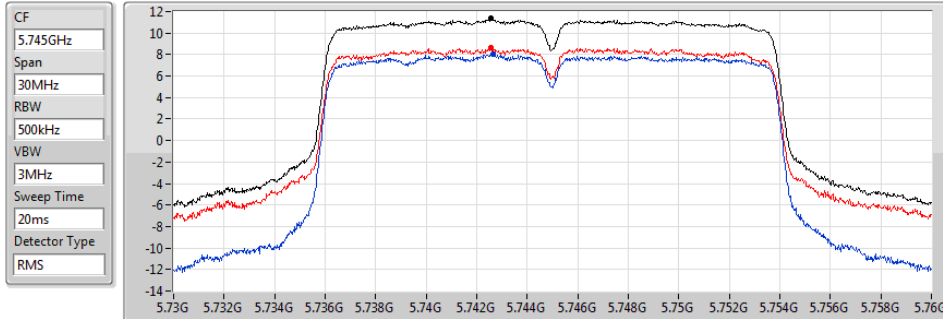
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.78	10.78	7.87	7.76

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5745MHz

09/10/2019



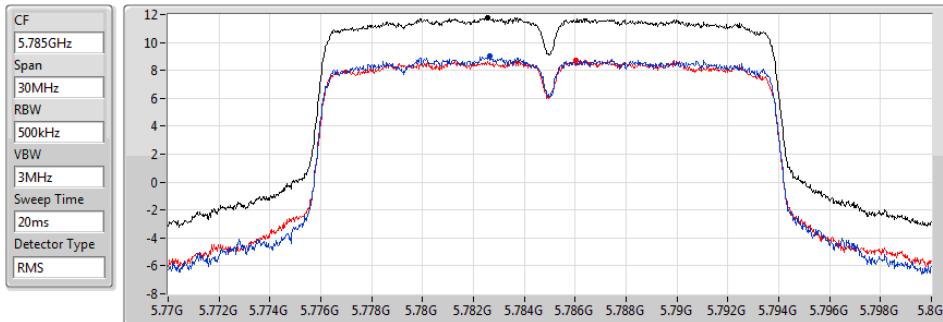
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.37	11.37	8.04	8.66

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5785MHz

09/10/2019



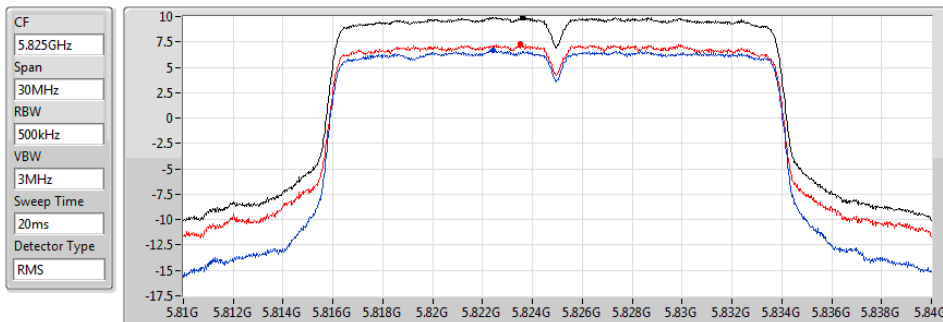
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.79	11.79	9.06	8.74

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5825MHz

09/10/2019



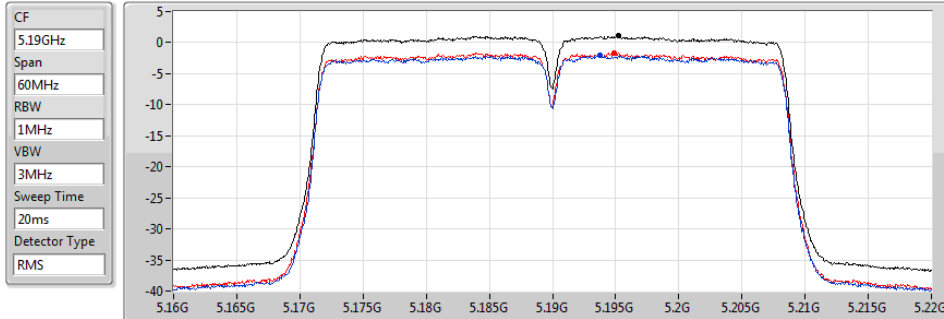
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.94	9.94	6.70	7.29

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5190MHz

09/10/2019



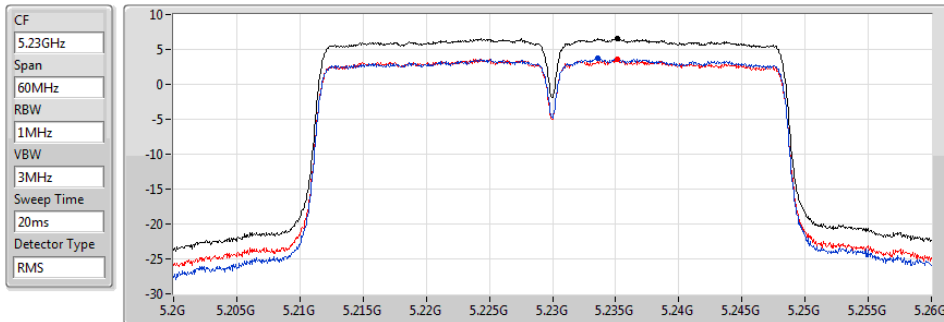
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.07	1.07	-2.03	-1.73

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5230MHz

09/10/2019



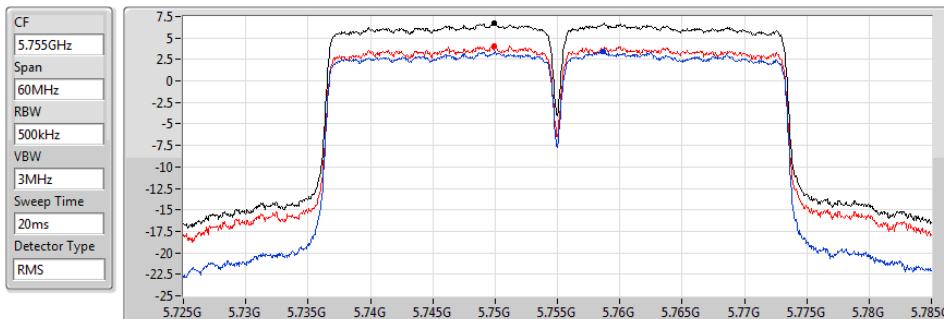
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.52	6.52	3.76	3.61

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5755MHz

09/10/2019



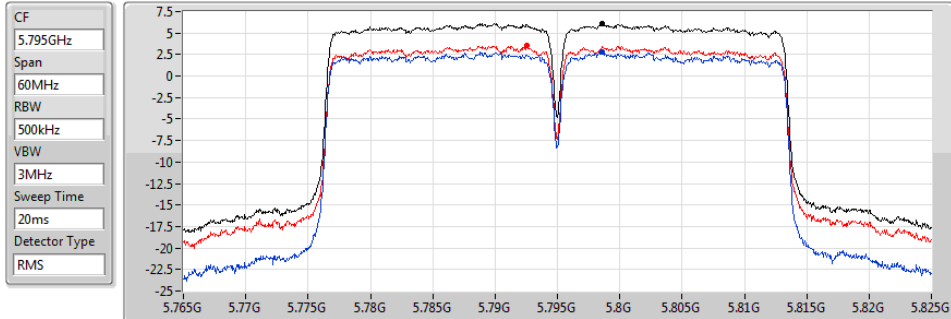
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.71	6.71	3.49	4.09

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5795MHz

09/10/2019



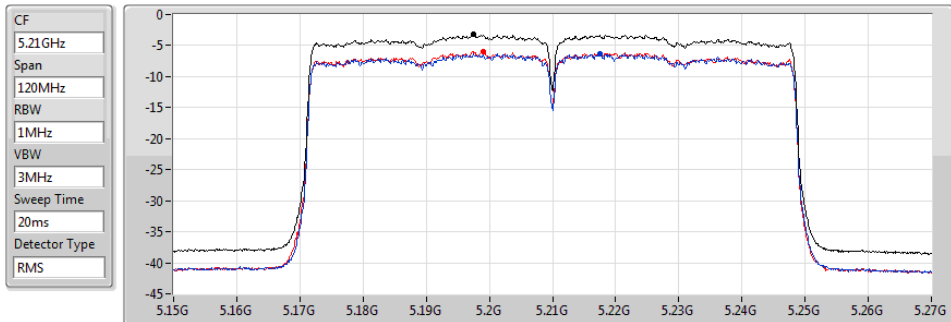
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.13	6.13	2.80	3.54

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5210MHz

09/10/2019



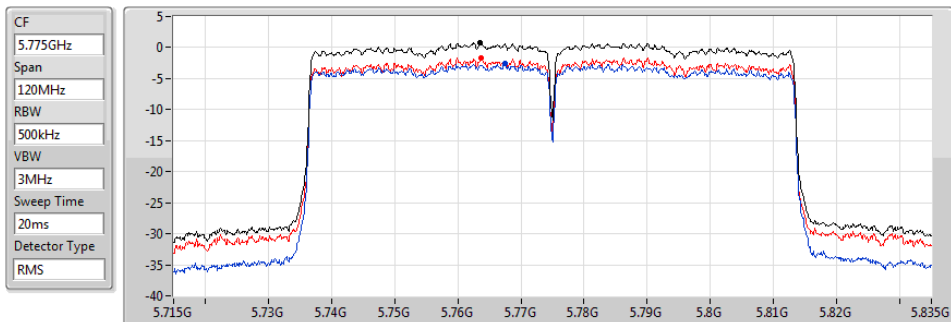
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.15	-3.15	-6.30	-5.97

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5775MHz

09/10/2019



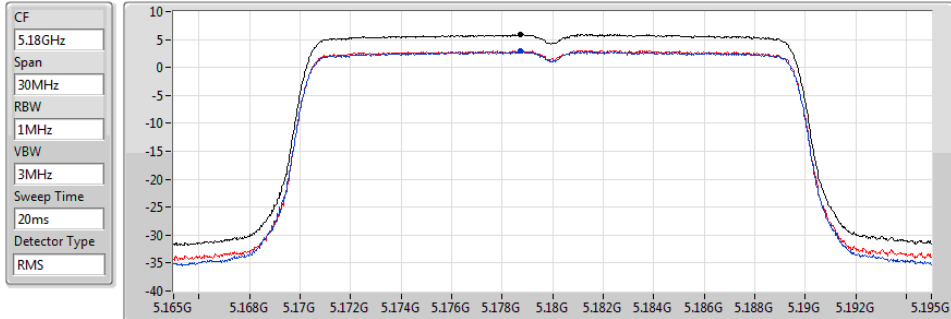
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.83	0.83	-2.61	-1.60

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5180MHz

09/10/2019



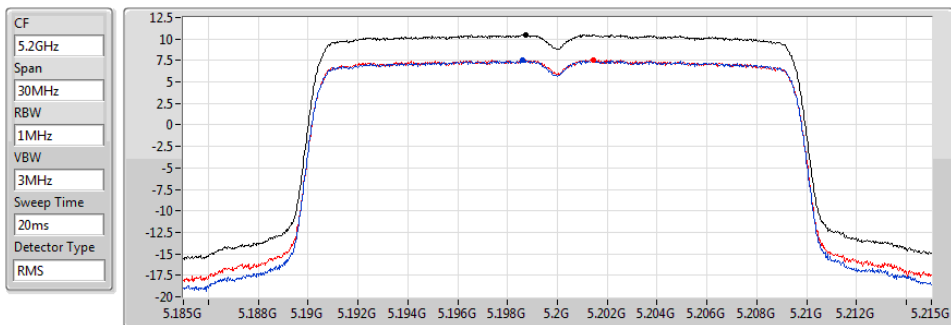
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.98	5.98	2.90	3.04

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5200MHz

09/10/2019



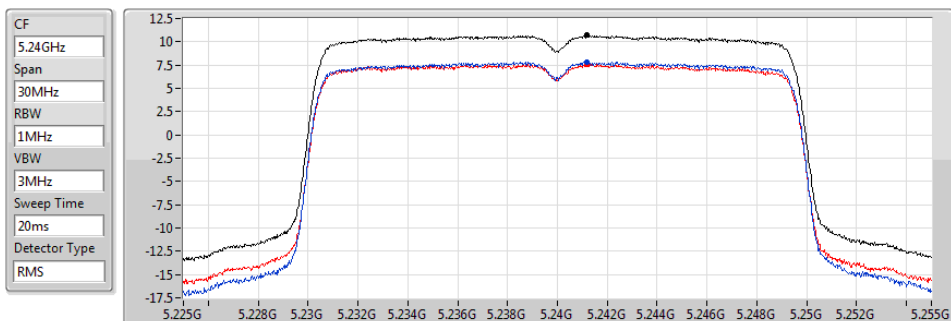
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.52	10.52	7.50	7.58

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5240MHz

09/10/2019



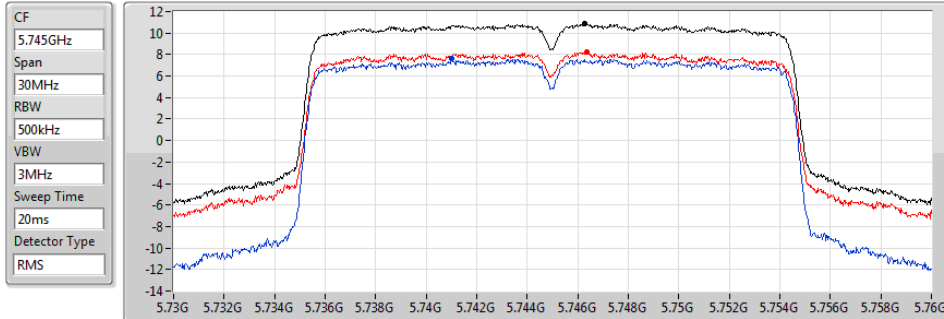
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.71	10.71	7.84	7.55

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5745MHz

09/10/2019



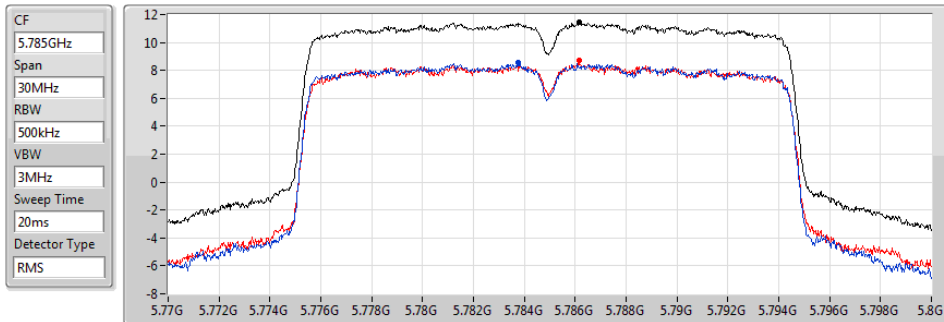
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.86	10.86	7.60	8.20

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5785MHz

09/10/2019



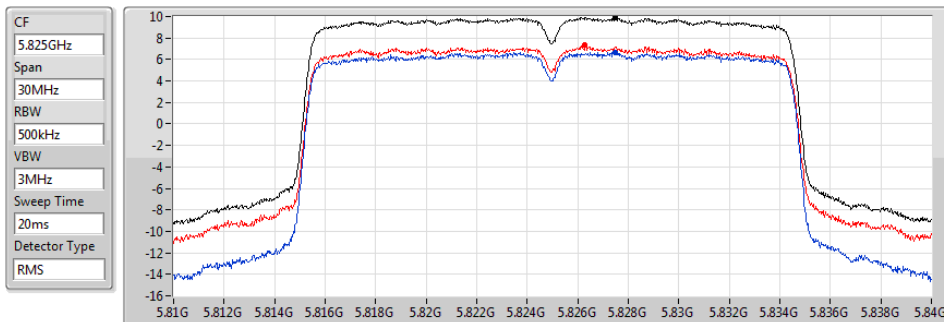
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.45	11.45	8.60	8.69

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5825MHz

09/10/2019



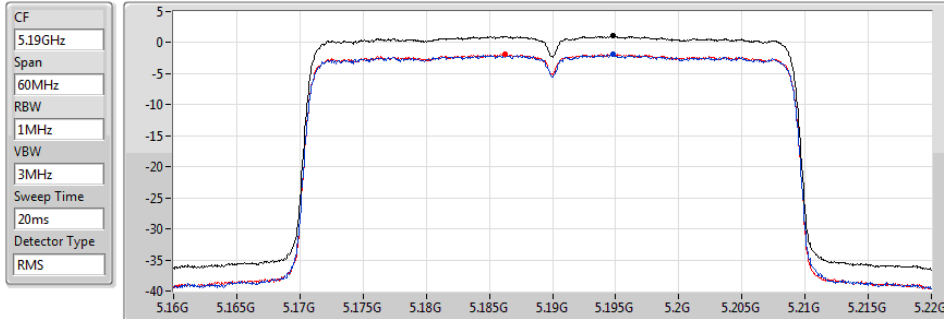
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.94	9.94	6.68	7.34

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5190MHz

09/10/2019



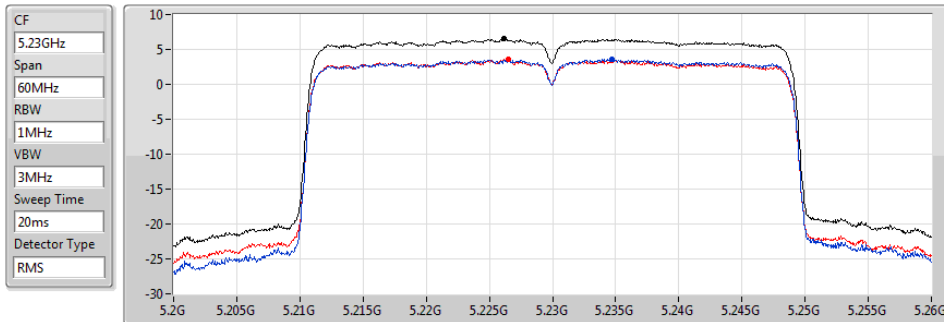
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.07	1.07	-1.90	-1.77

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5230MHz

09/10/2019



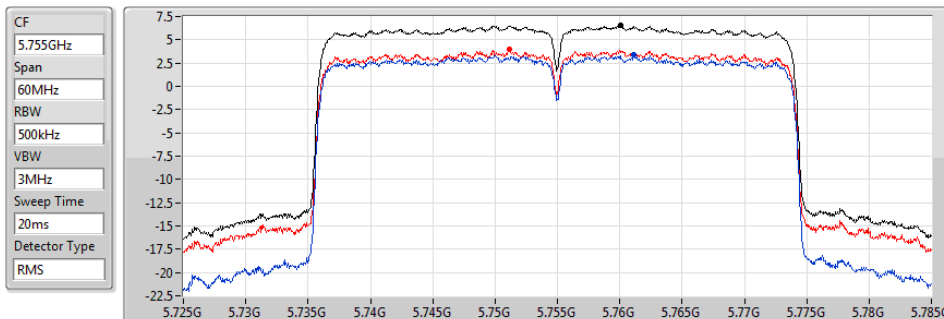
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.49	6.49	3.63	3.54

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5755MHz

09/10/2019



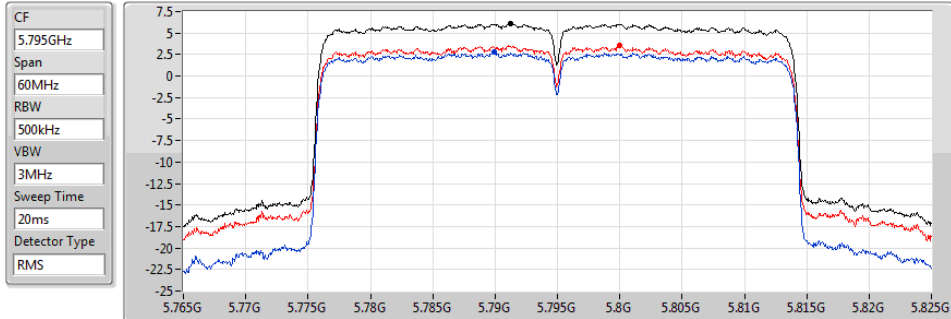
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.52	6.52	3.34	4.04

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5795MHz

09/10/2019



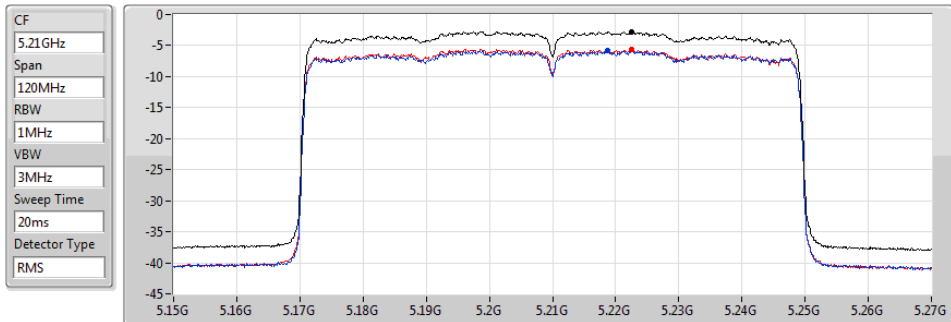
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.06	6.06	2.74	3.54

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5210MHz

09/10/2019



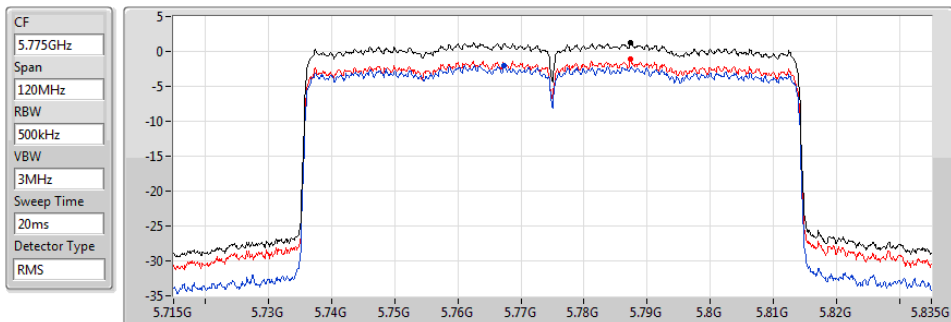
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.76	-2.76	-5.78	-5.65

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5775MHz

09/10/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.23	1.23	-2.01	-1.17

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	8.94
802.11ac VHT20_Nss1,(MCS0)_4TX	8.69
802.11ac VHT40_Nss1,(MCS0)_4TX	7.65
802.11ac VHT80_Nss1,(MCS0)_4TX	-2.60
802.11ax HEW20_Nss1,(MCS0)_4TX	8.86
802.11ax HEW40_Nss1,(MCS0)_4TX	7.73
802.11ax HEW80_Nss1,(MCS0)_4TX	-2.26
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	13.73
802.11ac VHT20_Nss1,(MCS0)_4TX	13.27
802.11ac VHT40_Nss1,(MCS0)_4TX	8.91
802.11ac VHT80_Nss1,(MCS0)_4TX	0.67
802.11ax HEW20_Nss1,(MCS0)_4TX	13.14
802.11ax HEW40_Nss1,(MCS0)_4TX	8.94
802.11ax HEW80_Nss1,(MCS0)_4TX	1.02

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	14.02	1.12	1.28	2.29	1.10	7.39	8.98
5200MHz	Pass	14.02	2.56	2.99	3.61	2.92	8.93	8.98
5240MHz	Pass	14.02	2.89	2.95	3.71	2.30	8.94	8.98
5745MHz	Pass	14.02	7.35	7.80	8.56	7.71	13.73	21.98
5785MHz	Pass	14.02	6.92	7.50	8.11	7.74	13.44	21.98
5825MHz	Pass	14.02	6.72	7.09	7.94	6.97	13.04	21.98
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	14.02	0.86	1.01	2.24	1.18	7.29	8.98
5200MHz	Pass	14.02	2.36	2.59	3.41	2.44	8.64	8.98
5240MHz	Pass	14.02	2.78	2.58	3.65	1.89	8.69	8.98
5745MHz	Pass	14.02	7.08	7.17	8.24	6.91	13.27	21.98
5785MHz	Pass	14.02	6.73	6.99	7.73	6.78	12.99	21.98
5825MHz	Pass	14.02	6.91	7.16	7.80	6.49	13.01	21.98
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	14.02	-4.46	-4.27	-4.51	-4.33	1.50	8.98
5230MHz	Pass	14.02	1.87	1.93	1.66	1.31	7.65	8.98
5755MHz	Pass	14.02	1.32	1.80	1.73	1.15	7.48	21.98
5795MHz	Pass	14.02	2.68	3.18	3.01	2.88	8.91	21.98
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	14.02	-8.61	-8.41	-8.30	-8.78	-2.60	8.98
5775MHz	Pass	14.02	-5.37	-4.76	-4.96	-5.69	0.67	21.98
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	14.02	0.93	1.32	2.57	1.28	7.48	8.98
5200MHz	Pass	14.02	2.45	2.86	3.59	2.73	8.86	8.98
5240MHz	Pass	14.02	2.92	2.69	3.84	2.11	8.84	8.98
5745MHz	Pass	14.02	6.90	6.88	8.07	6.80	13.14	21.98
5785MHz	Pass	14.02	6.72	6.89	7.67	6.65	12.93	21.98
5825MHz	Pass	14.02	6.91	6.93	7.88	6.43	12.99	21.98
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	14.02	-4.39	-4.23	-4.24	-4.11	1.73	8.98
5230MHz	Pass	14.02	2.03	2.08	1.61	1.49	7.73	8.98
5755MHz	Pass	14.02	1.58	1.86	1.86	1.38	7.60	21.98
5795MHz	Pass	14.02	2.90	3.25	3.08	3.00	8.94	21.98
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	14.02	-8.22	-7.99	-8.11	-8.35	-2.26	8.98
5775MHz	Pass	14.02	-5.45	-4.31	-4.73	-5.26	1.02	21.98

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

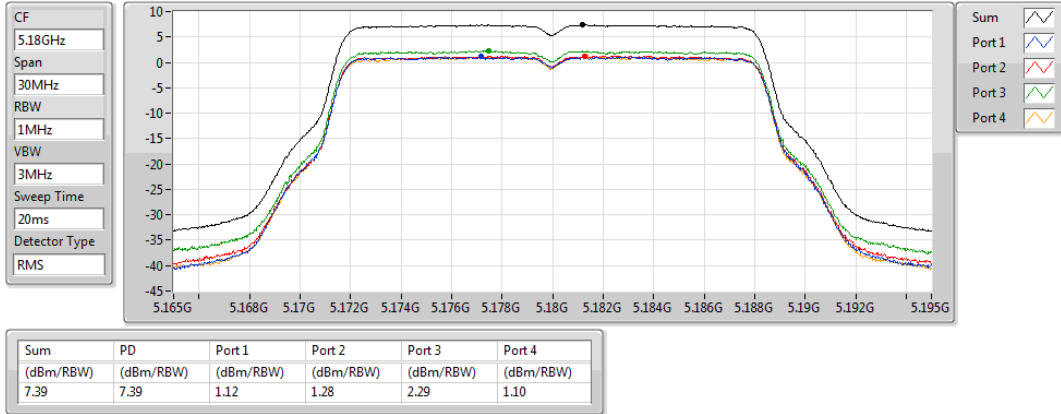
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5180MHz

09/10/2019

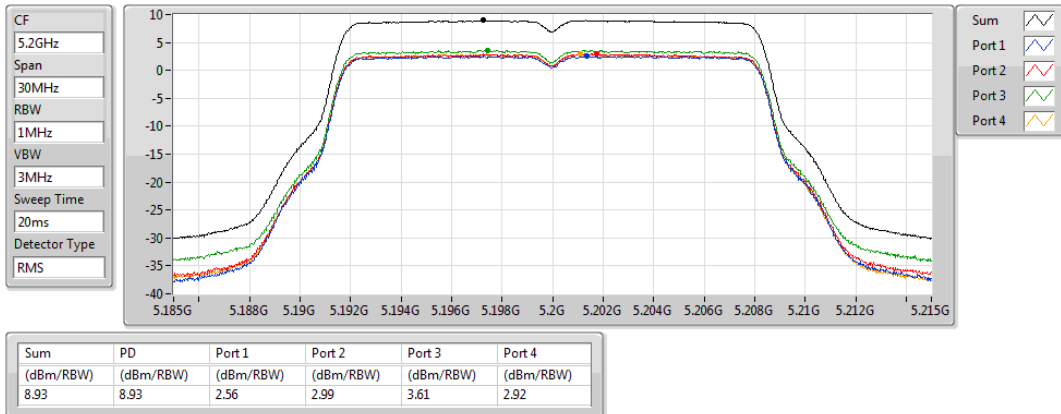


802.11a_Nss1,(6Mbps)_4TX

PSD

5200MHz

09/10/2019

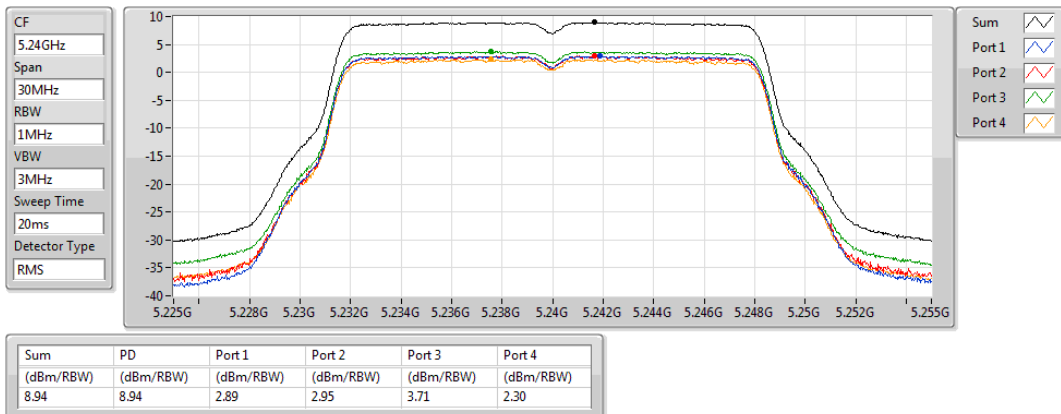


802.11a_Nss1,(6Mbps)_4TX

PSD

5240MHz

09/10/2019

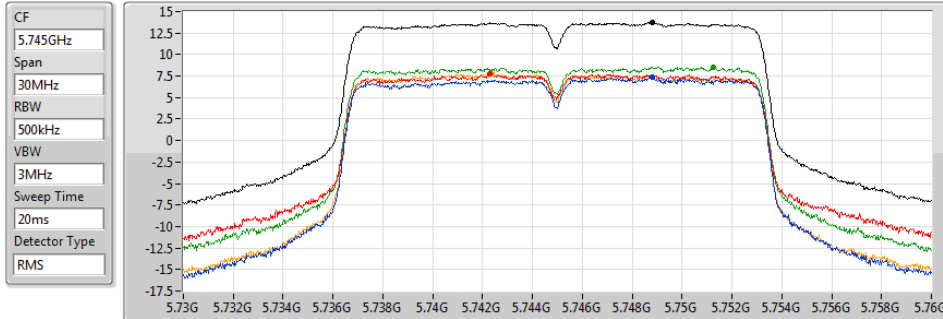


802.11a_Nss1,(6Mbps)_4TX

5745MHz

PSD

09/10/2019



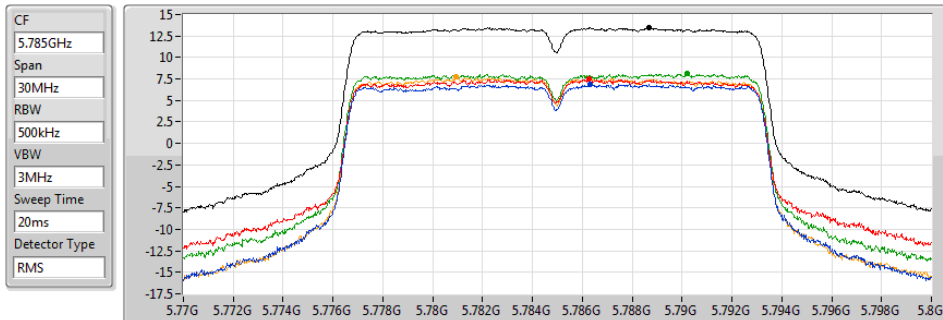
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.73	13.73	7.35	7.80	8.56	7.71

802.11a_Nss1,(6Mbps)_4TX

5785MHz

PSD

09/10/2019



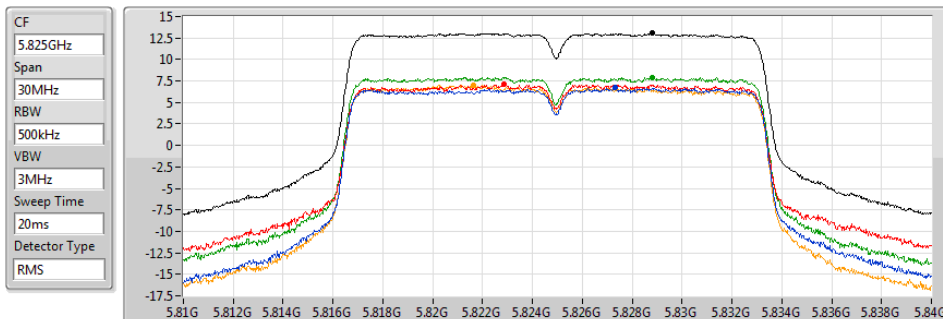
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.44	13.44	6.92	7.50	8.11	7.74

802.11a_Nss1,(6Mbps)_4TX

5825MHz

PSD

09/10/2019



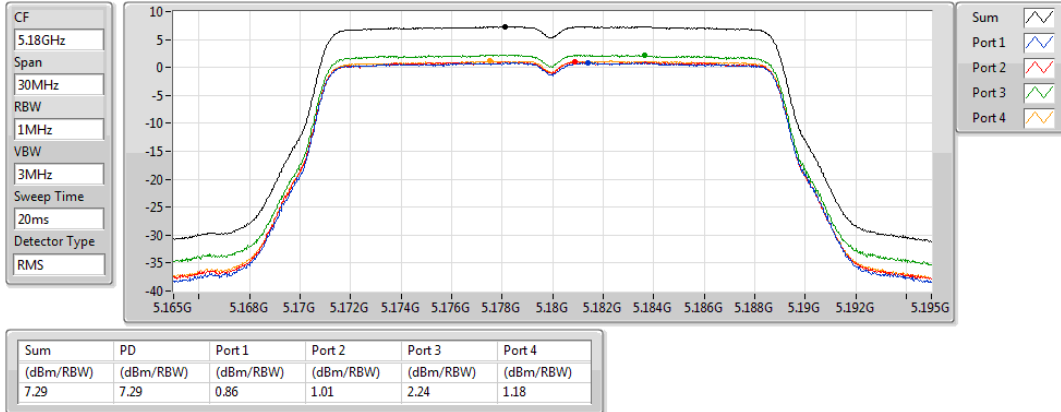
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.04	13.04	6.72	7.09	7.94	6.97

802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5180MHz

09/10/2019

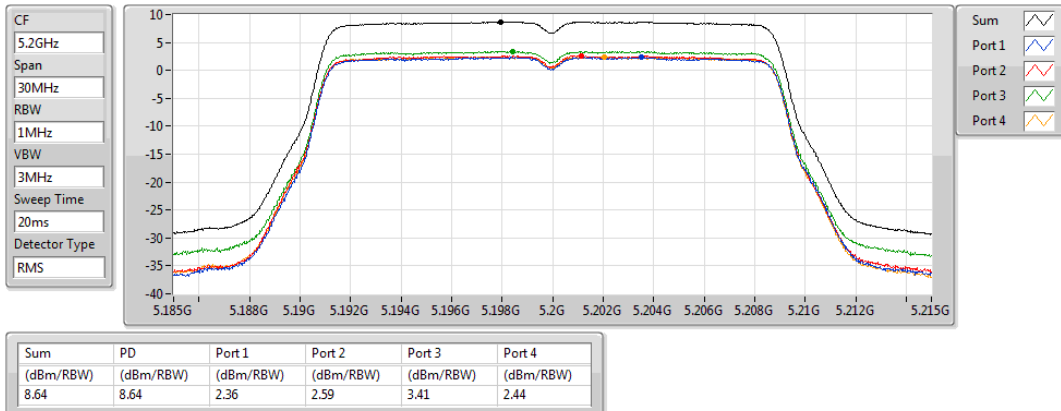


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5200MHz

09/10/2019

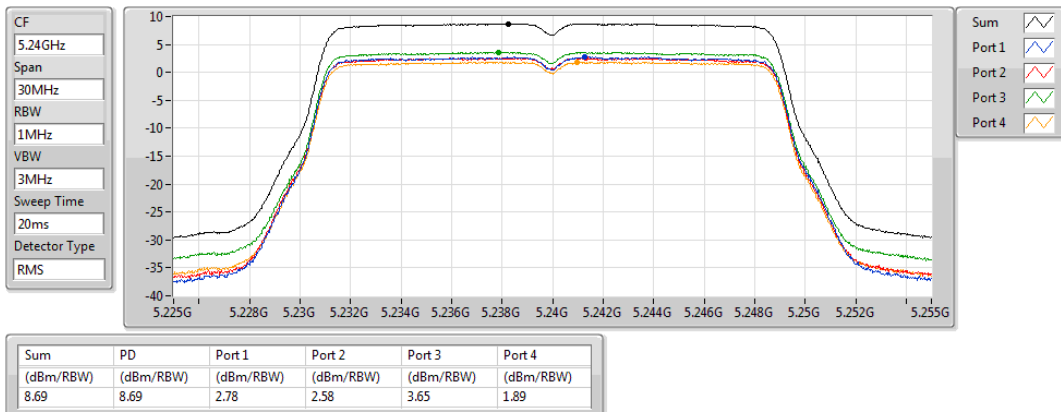


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5240MHz

09/10/2019

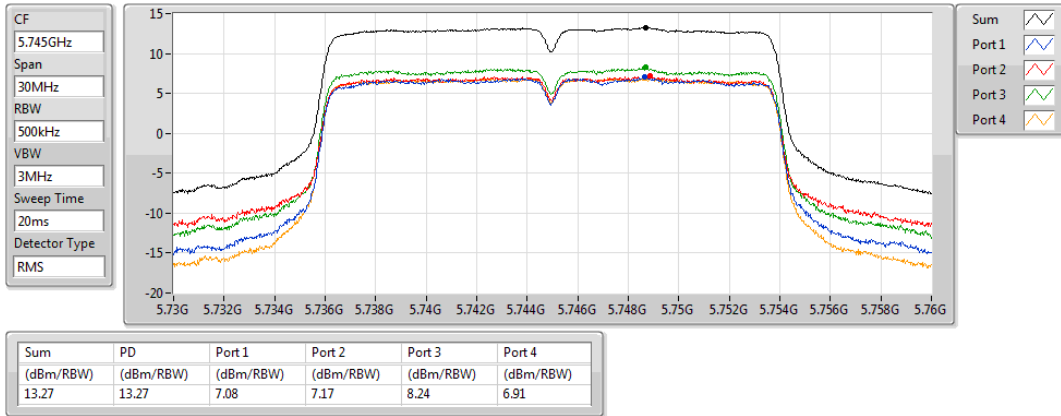


802.11ac VHT20_Nss1,(MCS0)_4TX

5745MHz

PSD

09/10/2019

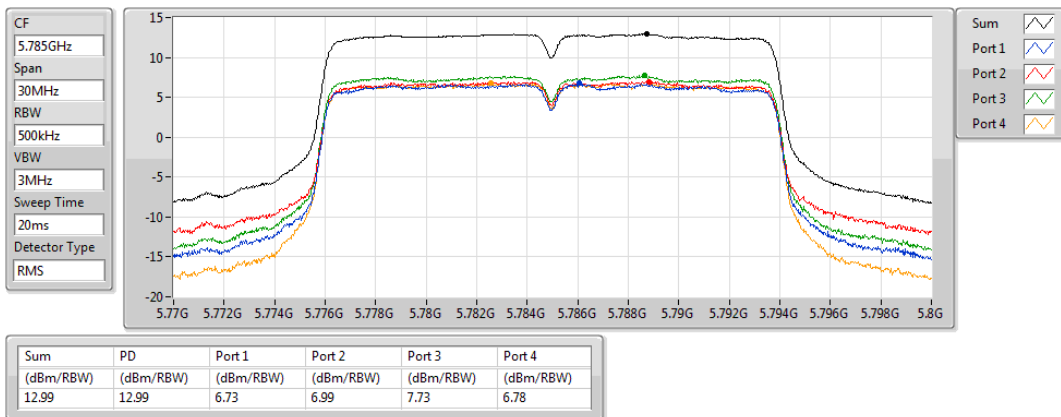


802.11ac VHT20_Nss1,(MCS0)_4TX

5785MHz

PSD

09/10/2019

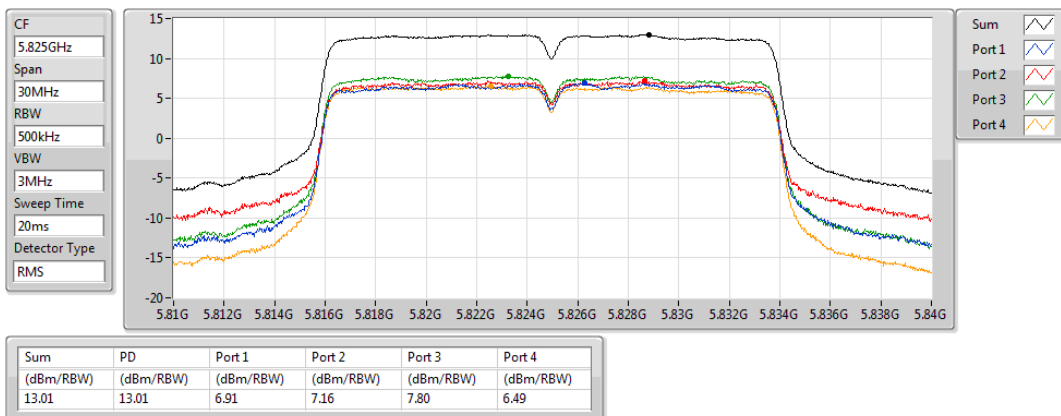


802.11ac VHT20_Nss1,(MCS0)_4TX

5825MHz

PSD

09/10/2019

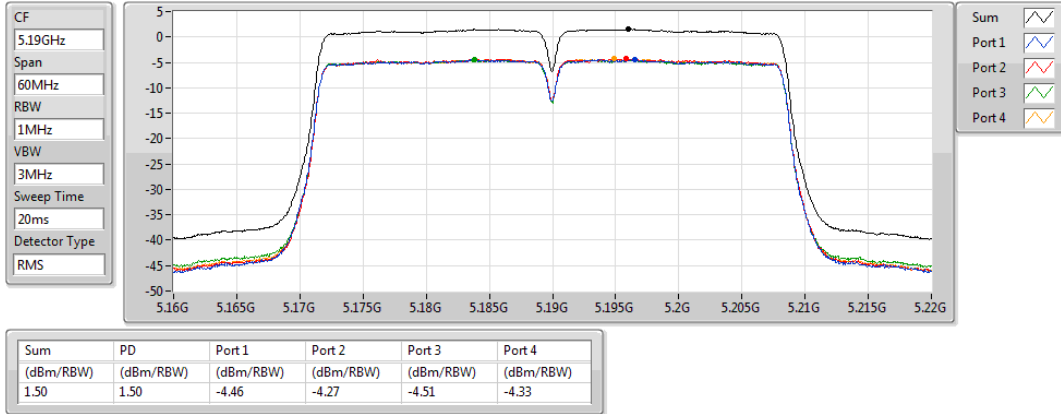


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5190MHz

09/10/2019

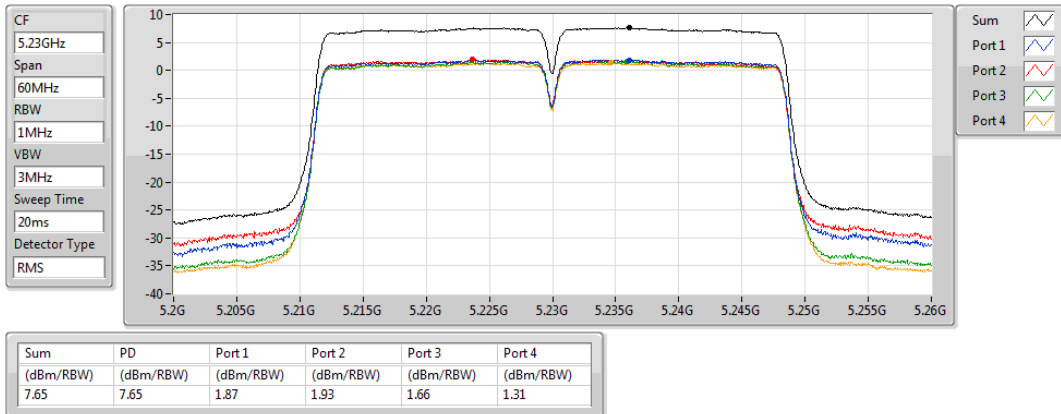


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5230MHz

09/10/2019

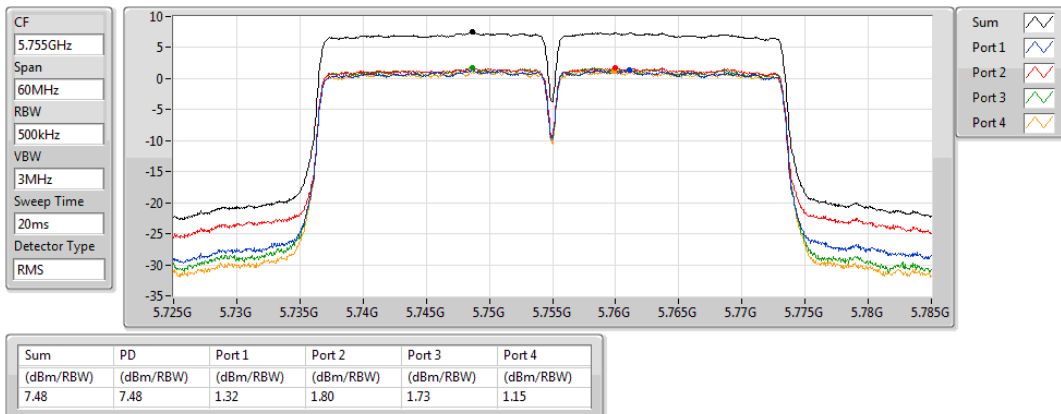


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5755MHz

09/10/2019

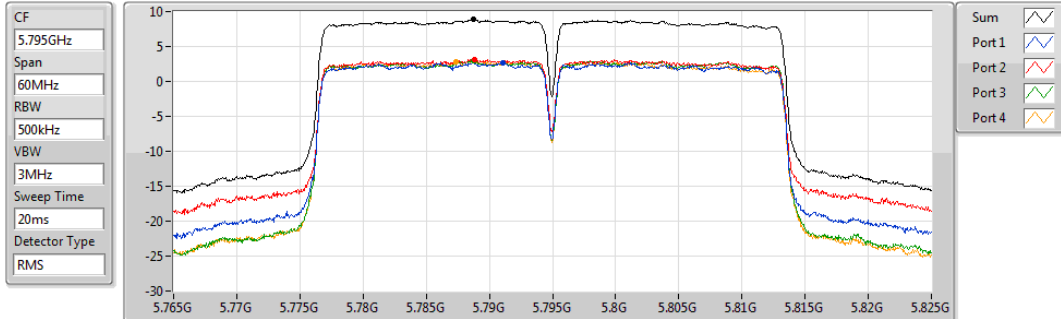


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5795MHz

09/10/2019



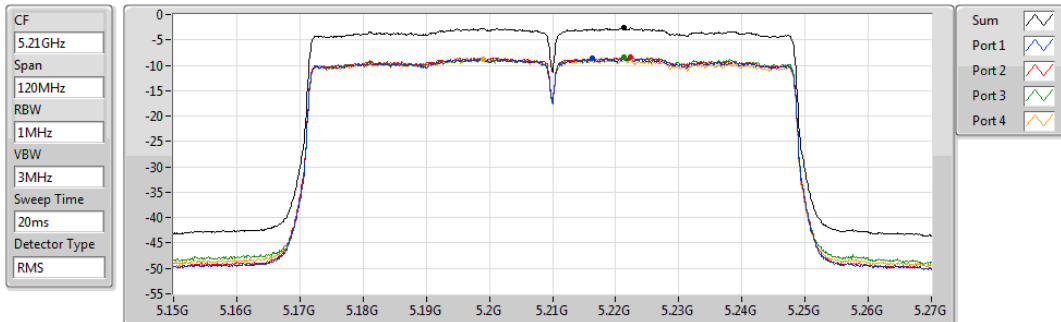
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.91	8.91	2.68	3.18	3.01	2.88

802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5210MHz

09/10/2019



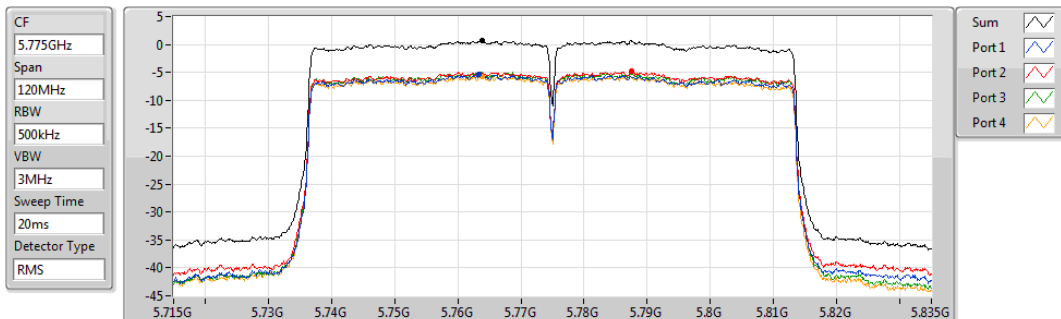
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.60	-2.60	-8.61	-8.41	-8.30	-8.78

802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5775MHz

09/10/2019



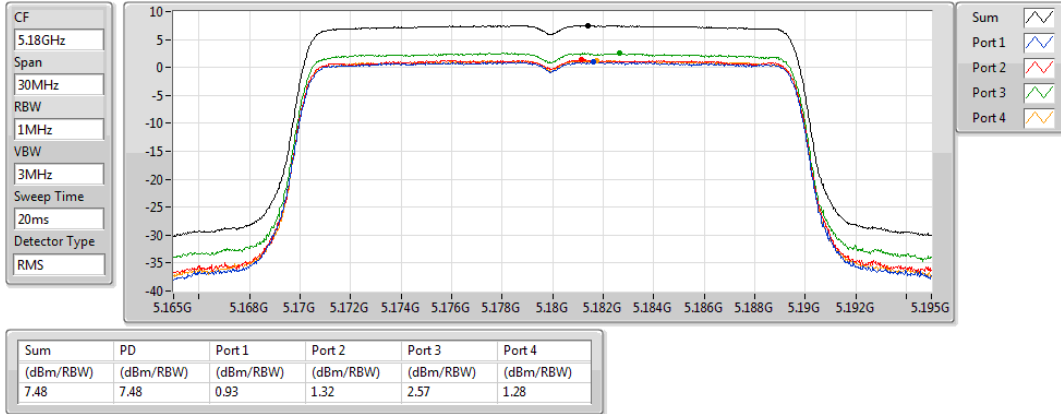
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.67	0.67	-5.37	-4.76	-4.96	-5.69

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5180MHz

09/10/2019

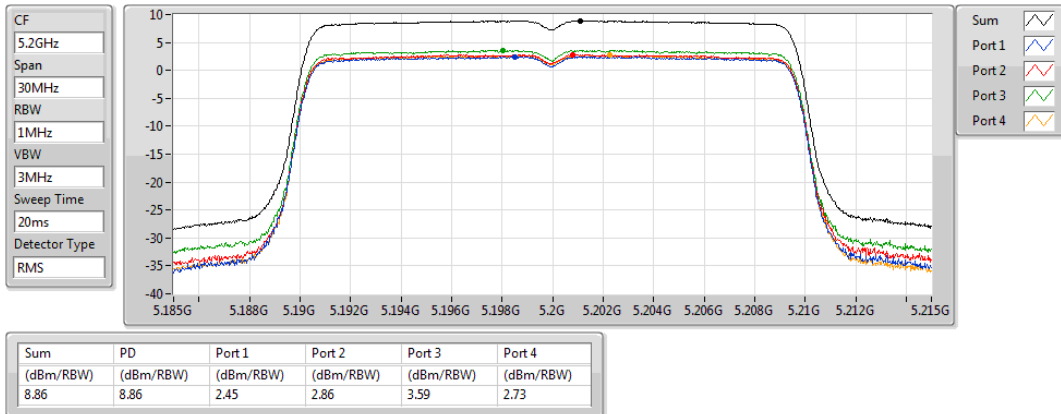


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5200MHz

09/10/2019

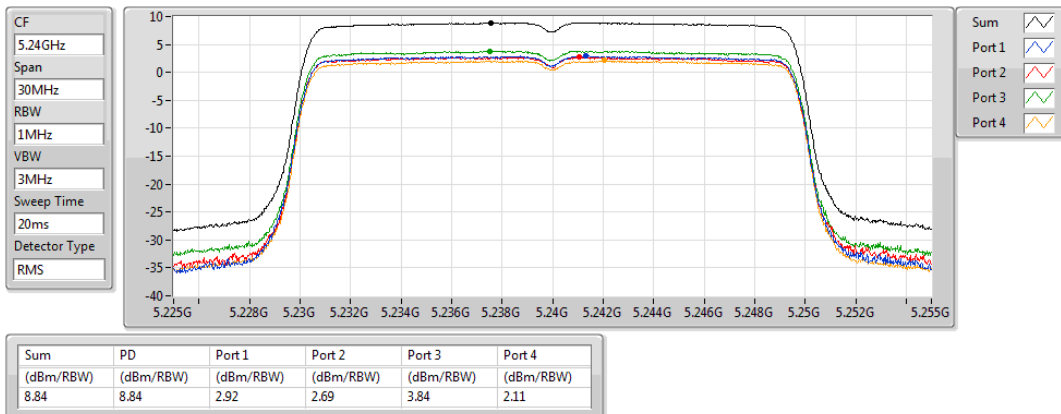


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5240MHz

09/10/2019

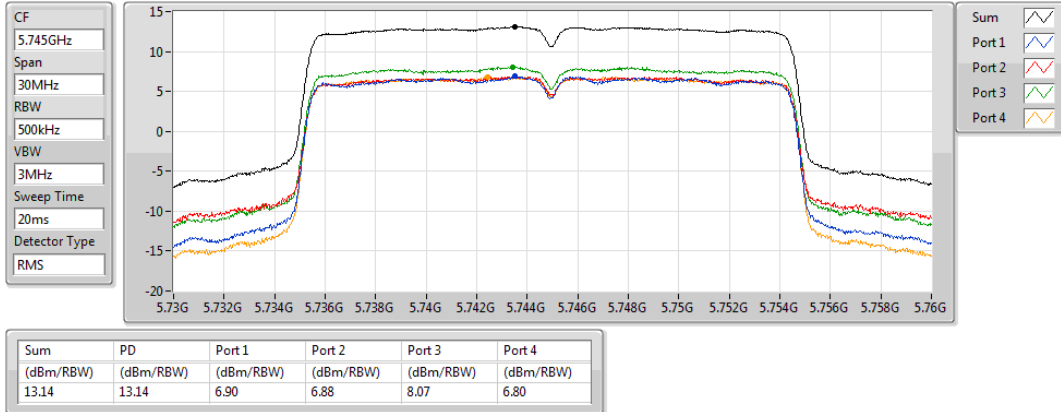


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5745MHz

09/10/2019

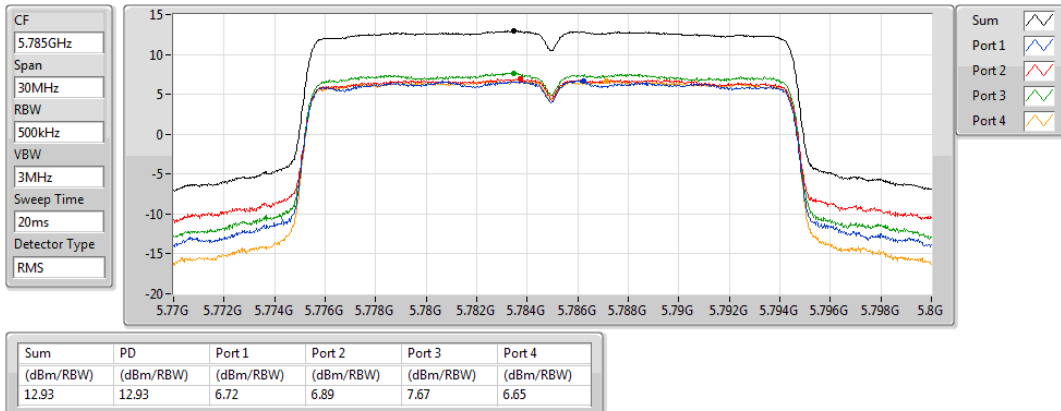


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5785MHz

09/10/2019

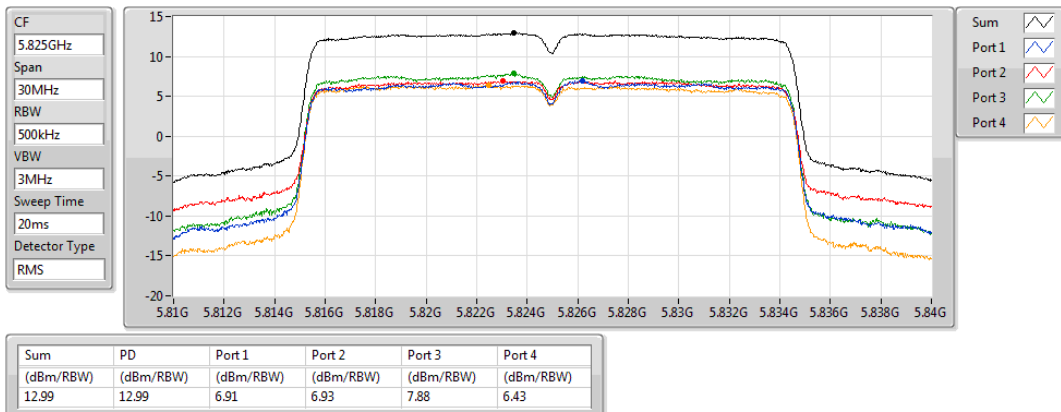


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5825MHz

09/10/2019

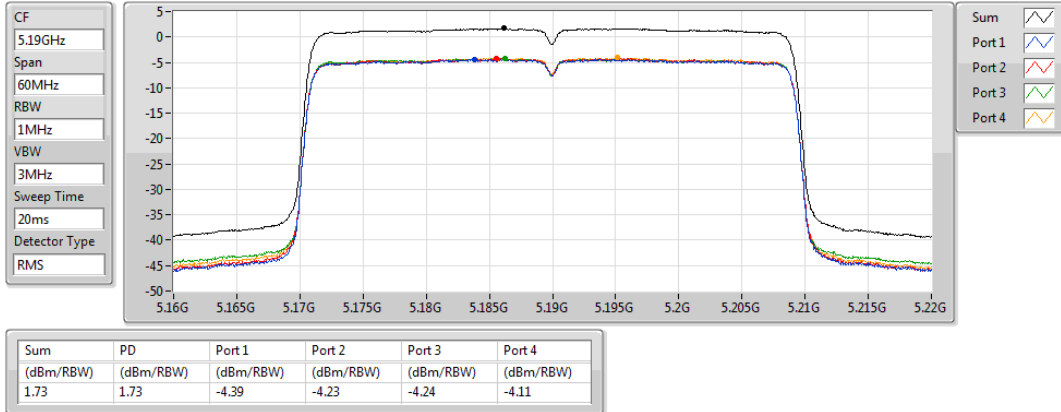


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5190MHz

09/10/2019

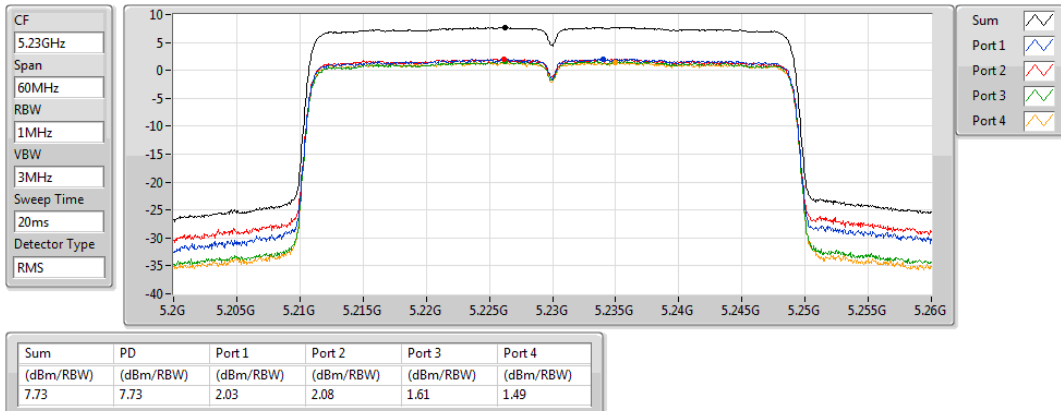


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5230MHz

09/10/2019

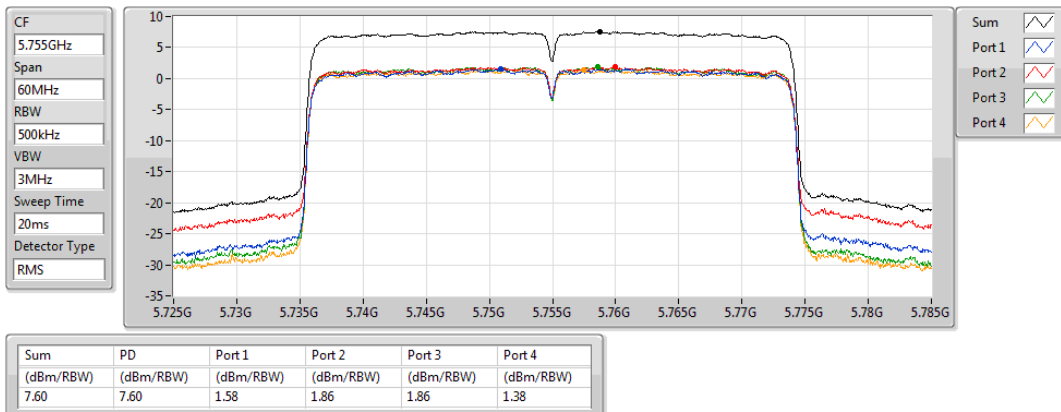


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5755MHz

09/10/2019

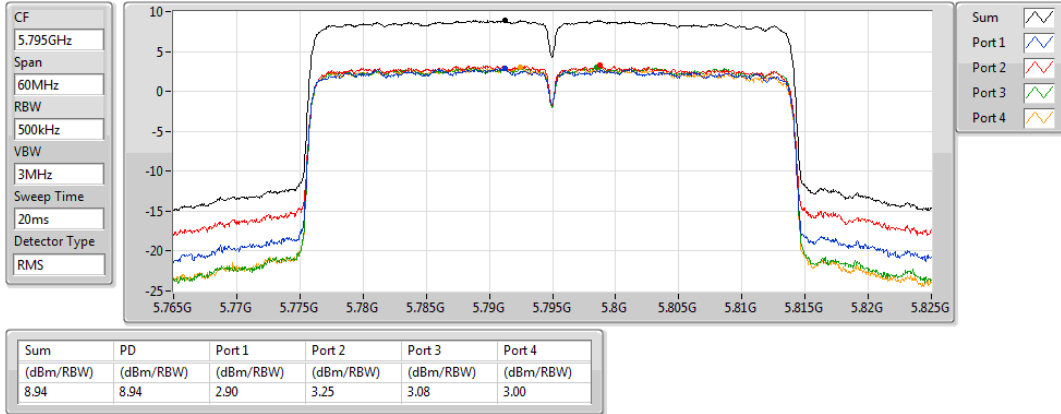


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5795MHz

09/10/2019

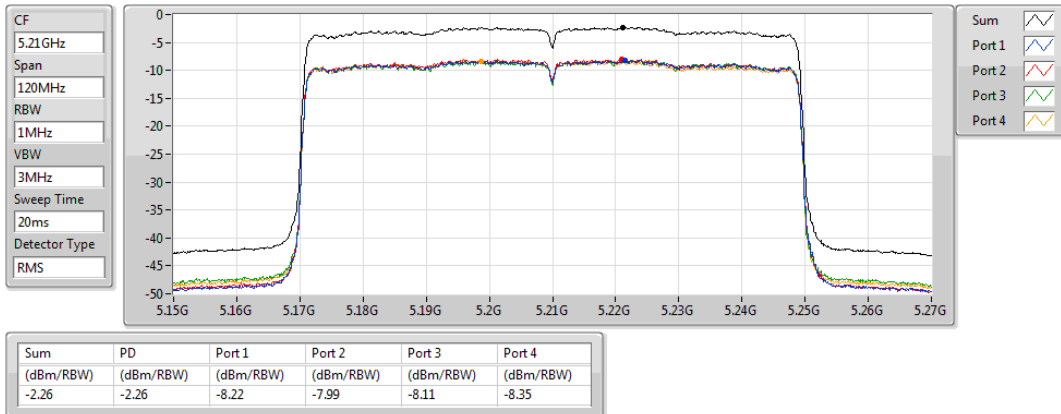


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5210MHz

09/10/2019

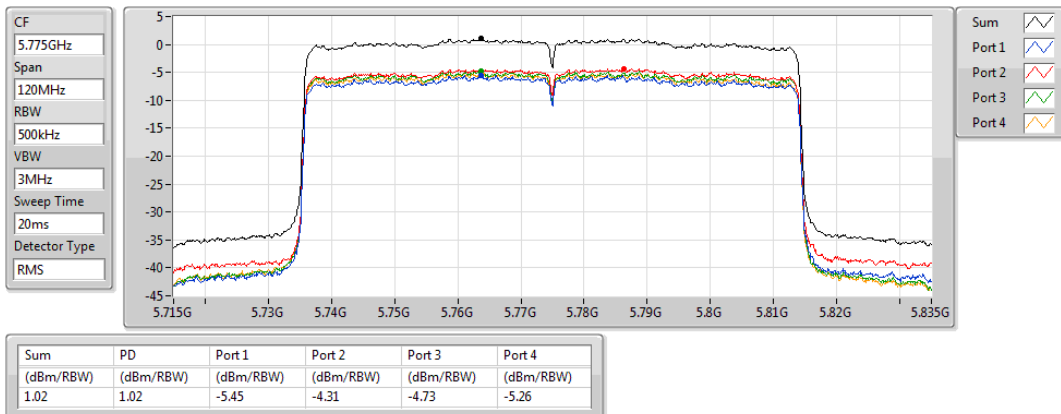


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5775MHz

09/10/2019



**Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	8.89
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	6.12
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-1.63
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	8.95
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	6.62
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-1.41
5.725-5.85GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	7.45
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	4.75
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	1.81
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	8.11
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.78
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	2.02

RBW = 500 kHz 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)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	14.02	2.58	2.42	2.88	3.32	8.73	8.98
5200MHz	Pass	14.02	2.92	2.59	2.84	3.45	8.89	8.98
5240MHz	Pass	14.02	3.08	2.67	3.00	3.09	8.83	8.98
5745MHz	Pass	14.02	1.25	1.38	1.50	2.24	7.45	21.98
5785MHz	Pass	14.02	1.54	1.31	1.34	2.11	7.42	21.98
5825MHz	Pass	14.02	1.90	1.61	1.12	1.70	7.41	21.98
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	14.02	-2.71	-3.13	-2.42	-2.25	3.27	8.98
5230MHz	Pass	14.02	0.22	-0.15	0.14	0.56	6.12	8.98
5755MHz	Pass	14.02	-1.14	-1.42	-1.38	-0.71	4.75	21.98
5795MHz	Pass	14.02	-1.30	-1.37	-1.92	-0.93	4.53	21.98
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	14.02	-7.71	-7.95	-7.39	-7.32	-1.63	8.98
5775MHz	Pass	14.02	-4.05	-4.39	-4.05	-3.83	1.81	21.98
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	14.02	2.63	2.71	3.20	3.47	8.89	8.98
5200MHz	Pass	14.02	2.86	2.57	3.13	3.52	8.95	8.98
5240MHz	Pass	14.02	3.15	2.74	2.98	3.06	8.92	8.98
5745MHz	Pass	14.02	1.98	1.89	2.08	2.89	8.11	21.98
5785MHz	Pass	14.02	2.10	1.47	1.54	2.69	7.82	21.98
5825MHz	Pass	14.02	2.11	1.68	1.33	2.12	7.70	21.98
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	14.02	-2.26	-2.67	-2.01	-1.57	3.82	8.98
5230MHz	Pass	14.02	0.81	0.48	0.65	0.86	6.62	8.98
5755MHz	Pass	14.02	-1.02	-1.29	-1.27	-0.40	4.78	21.98
5795MHz	Pass	14.02	-0.86	-1.54	-1.81	-0.98	4.53	21.98
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	14.02	-7.32	-7.91	-6.85	-7.20	-1.41	8.98
5775MHz	Pass	14.02	-3.63	-4.29	-4.00	-3.35	2.02	21.98

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

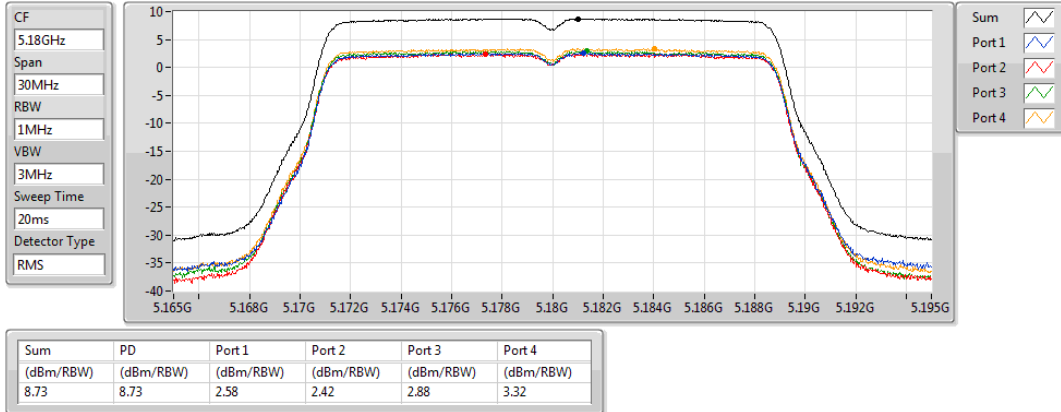
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5180MHz

14/10/2019

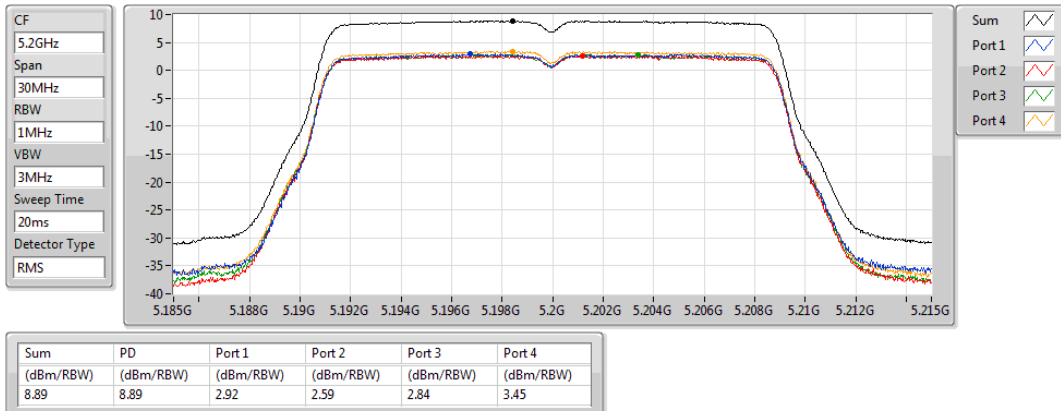


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5200MHz

14/10/2019

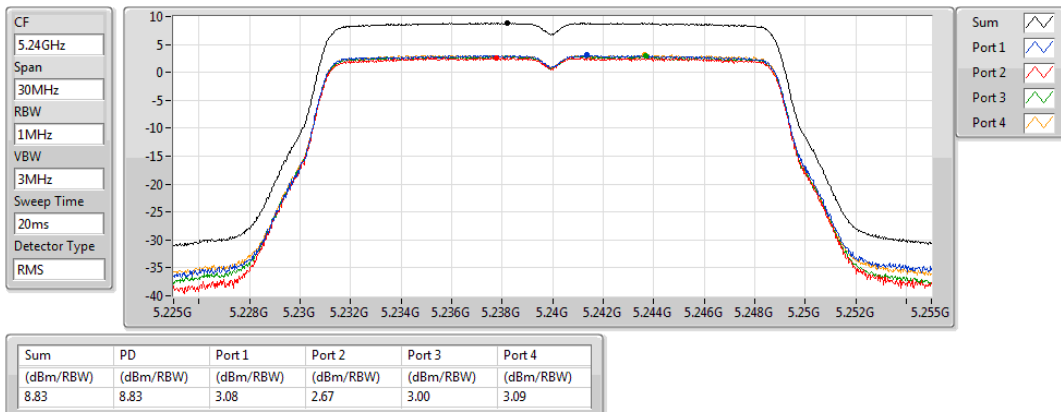


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5240MHz

14/10/2019

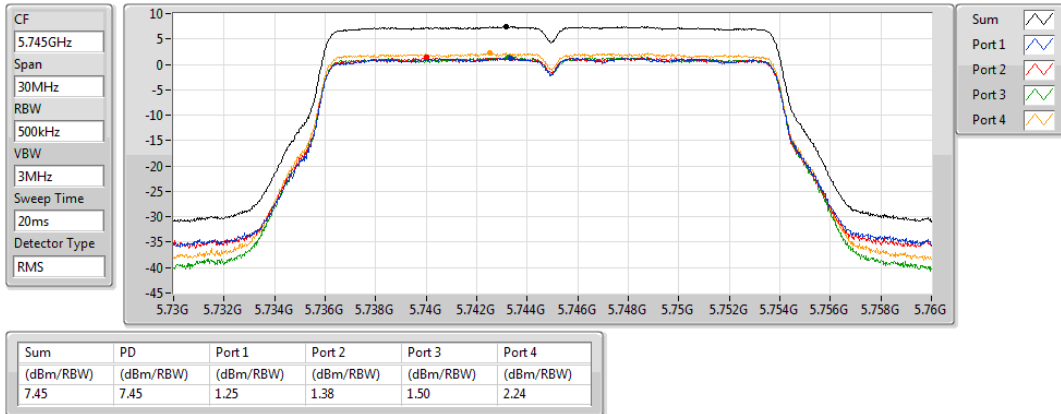


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5745MHz

PSD

14/10/2019

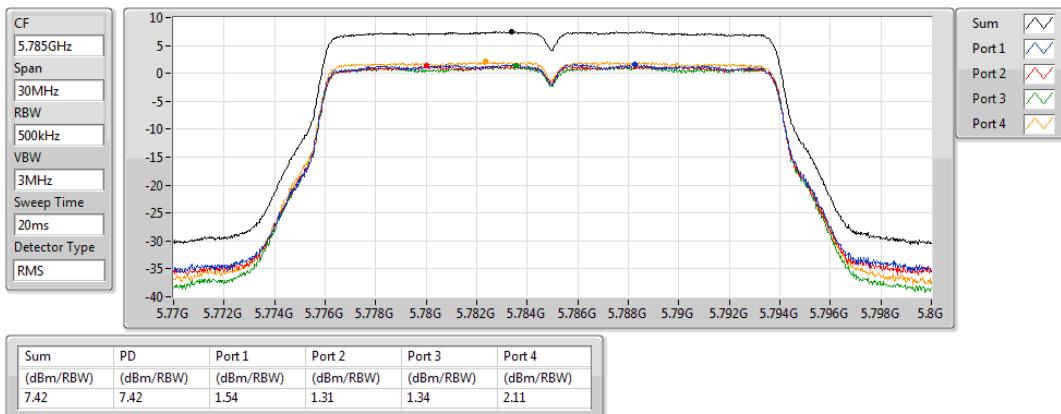


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5785MHz

PSD

14/10/2019

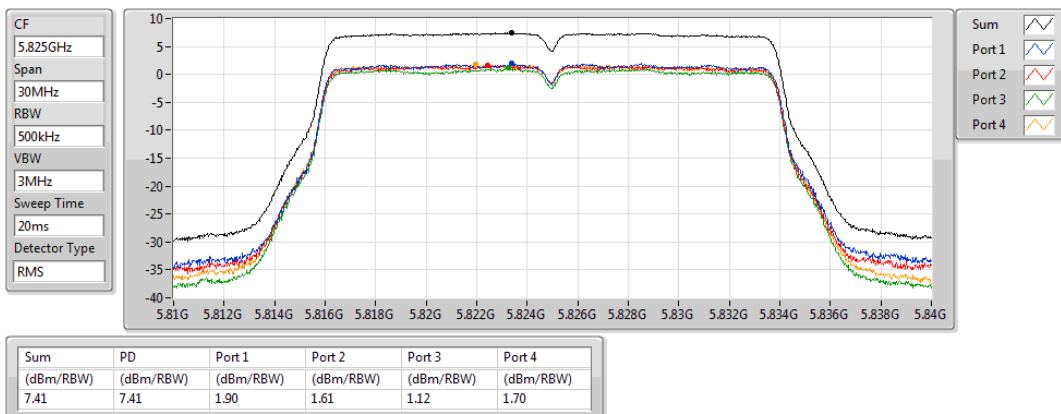


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5825MHz

PSD

14/10/2019

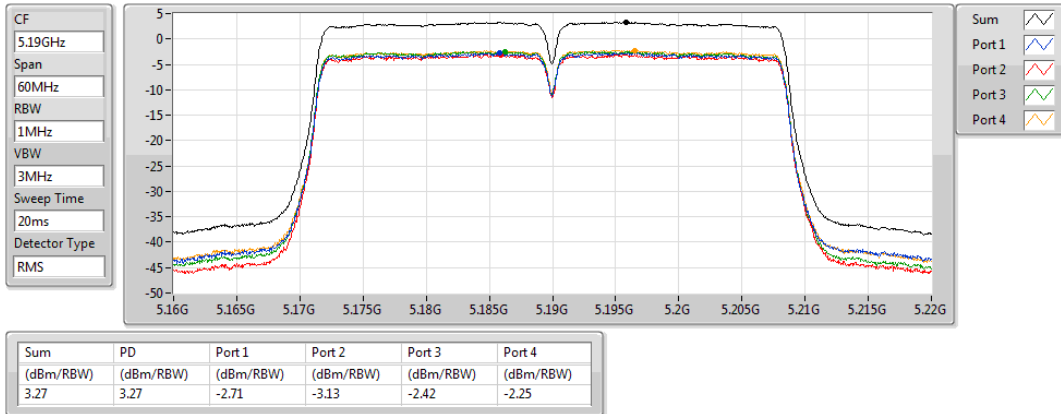


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5190MHz

PSD

14/10/2019

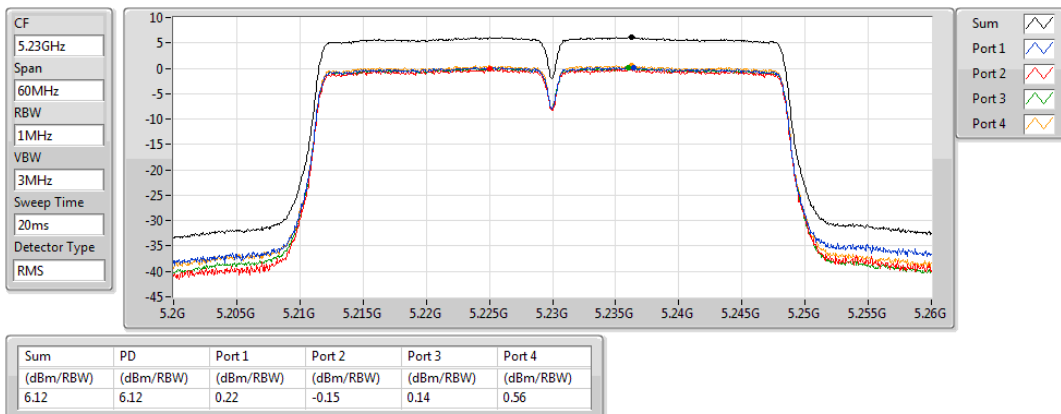


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5230MHz

PSD

14/10/2019

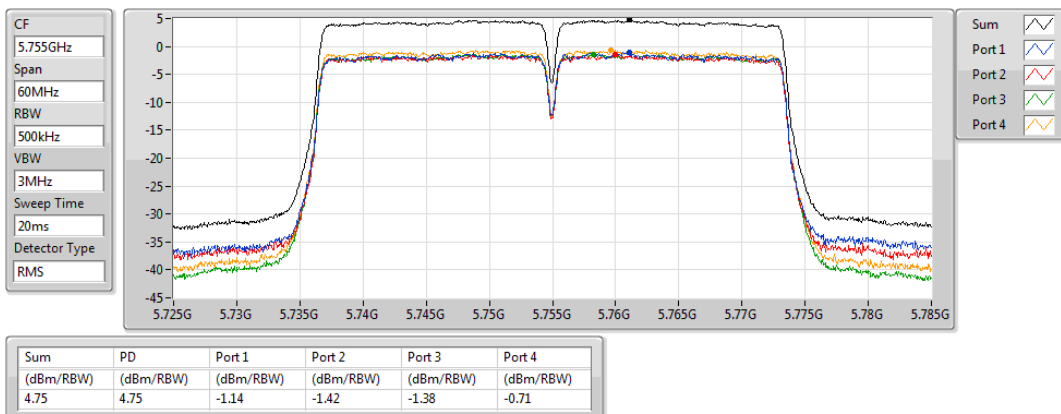


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5755MHz

PSD

14/10/2019

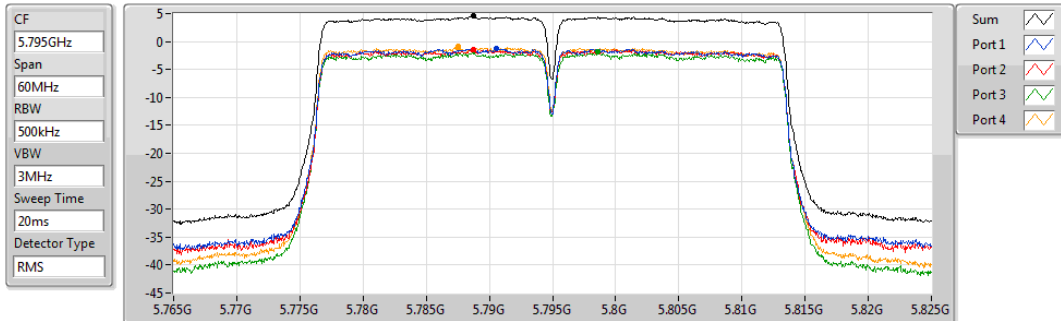


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5795MHz

PSD

14/10/2019



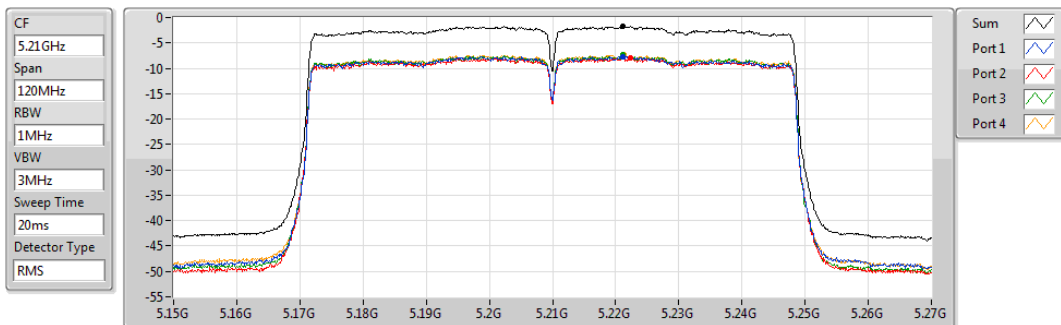
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.53	4.53	-1.30	-1.37	-1.92	-0.93

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5210MHz

PSD

14/10/2019



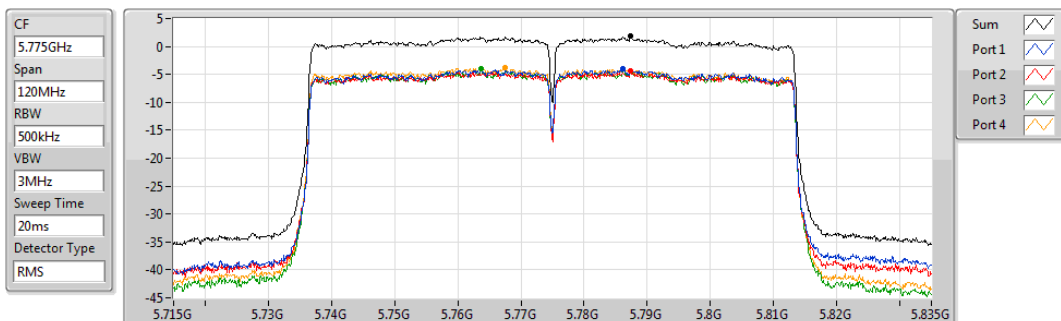
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.63	-1.63	-7.71	-7.95	-7.39	-7.32

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5775MHz

PSD

14/10/2019



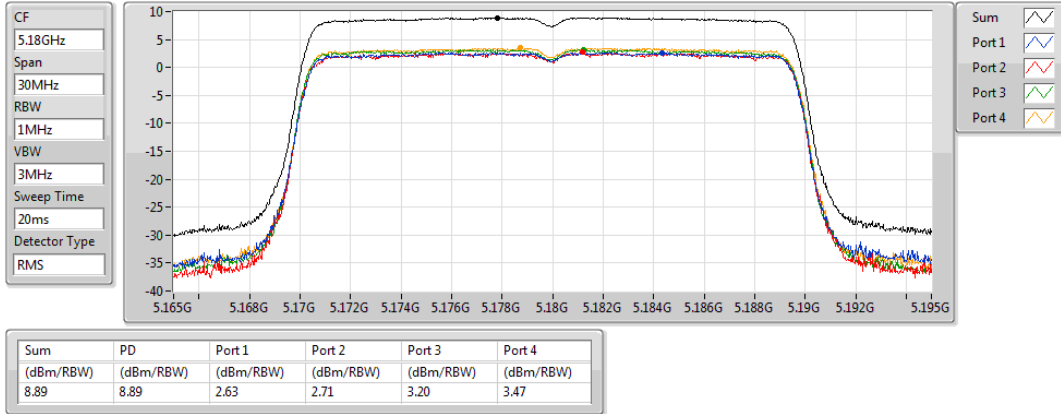
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.81	1.81	-4.05	-4.39	-4.05	-3.83

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5180MHz

14/10/2019

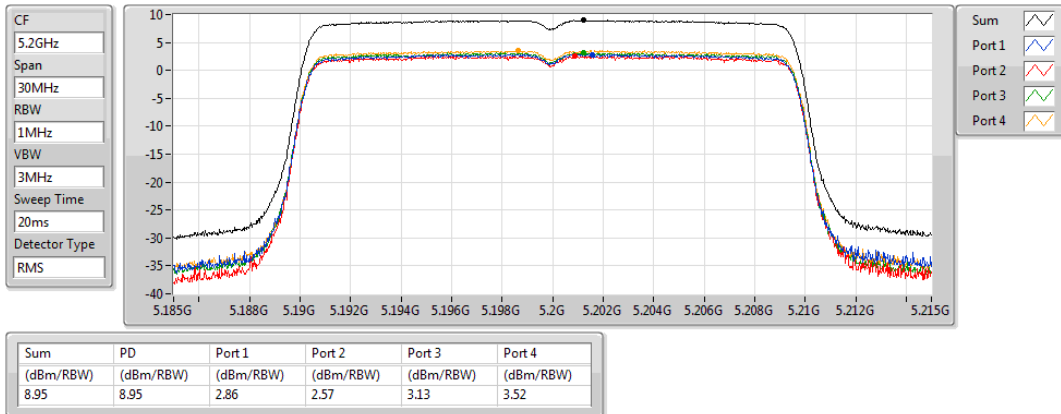


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5200MHz

14/10/2019

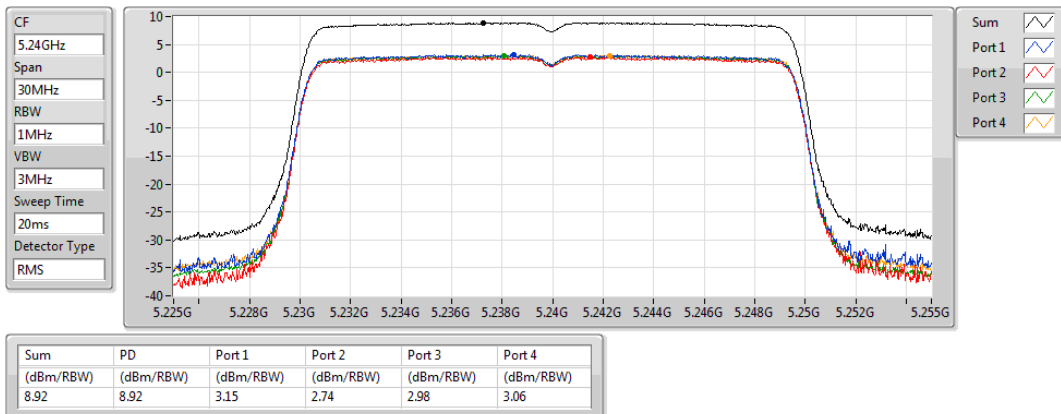


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5240MHz

14/10/2019

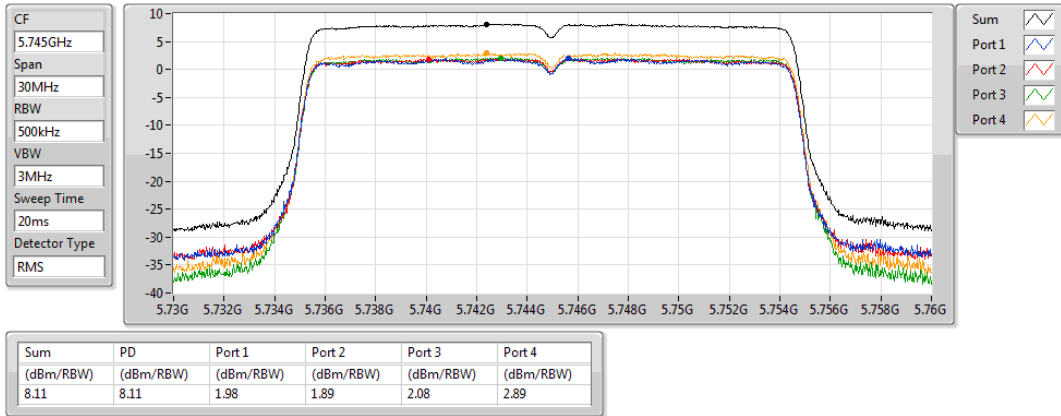


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz

PSD

14/10/2019

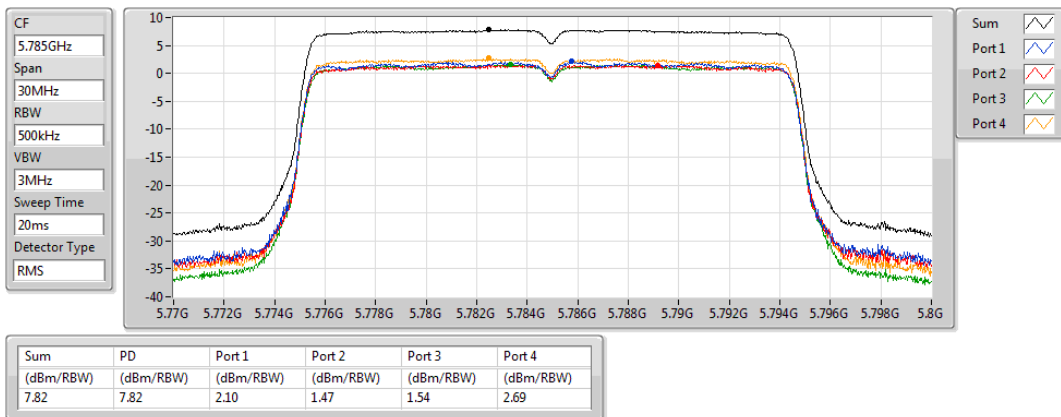


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz

PSD

14/10/2019

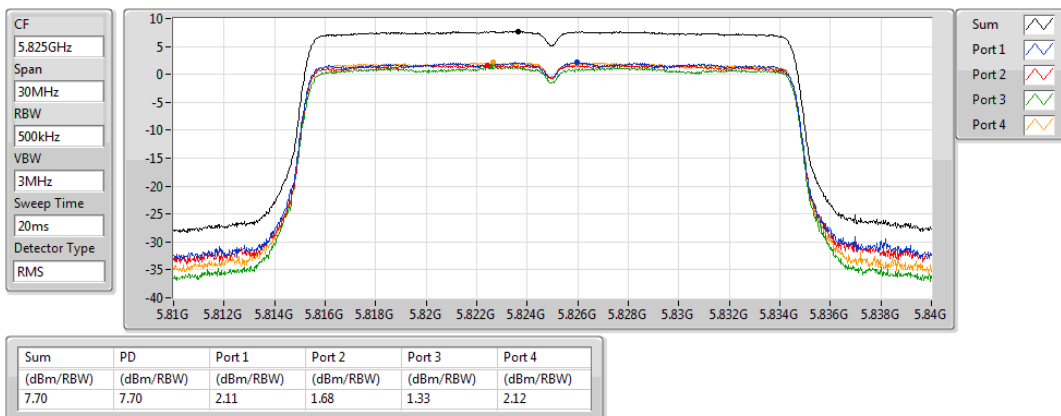


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5825MHz

PSD

14/10/2019

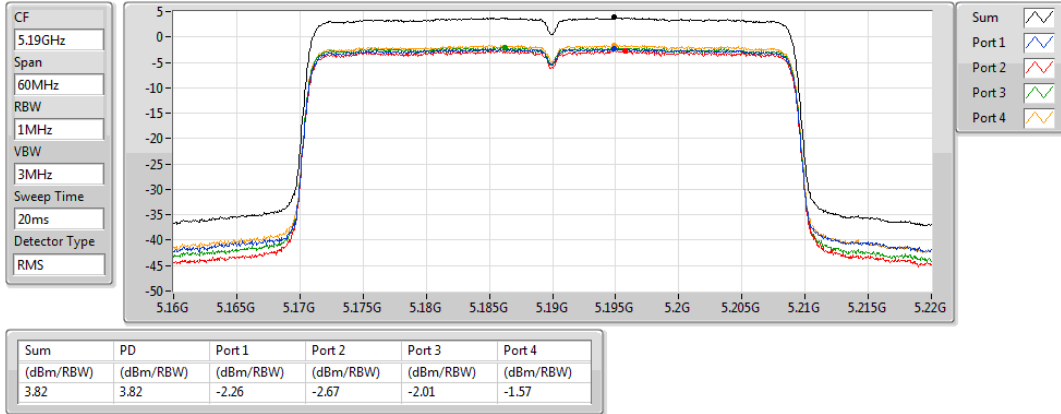


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5190MHz

14/10/2019

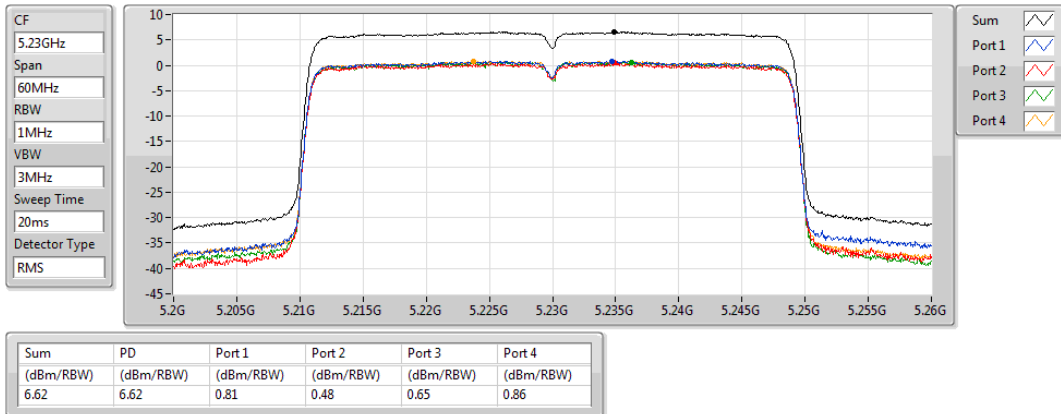


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5230MHz

14/10/2019

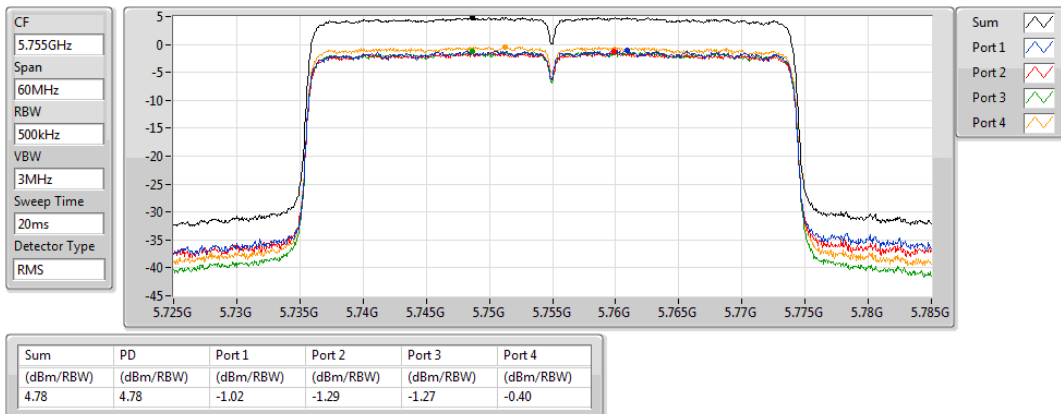


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5755MHz

14/10/2019

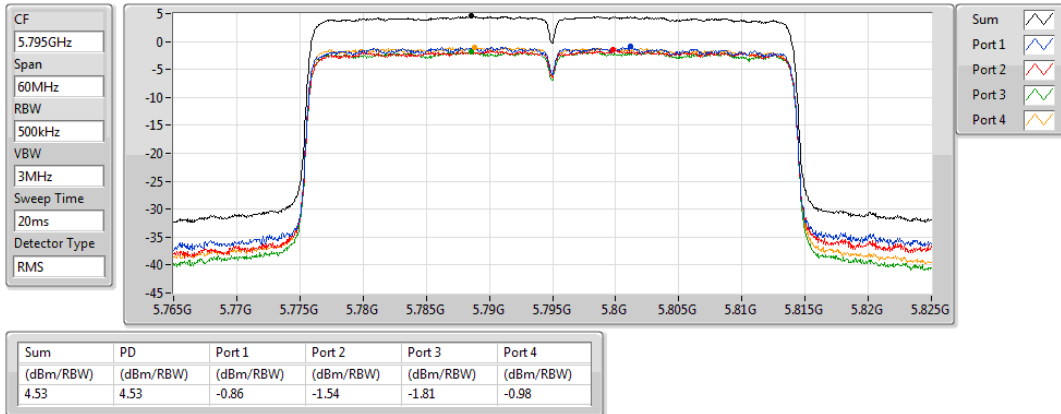


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5795MHz

PSD

14/10/2019

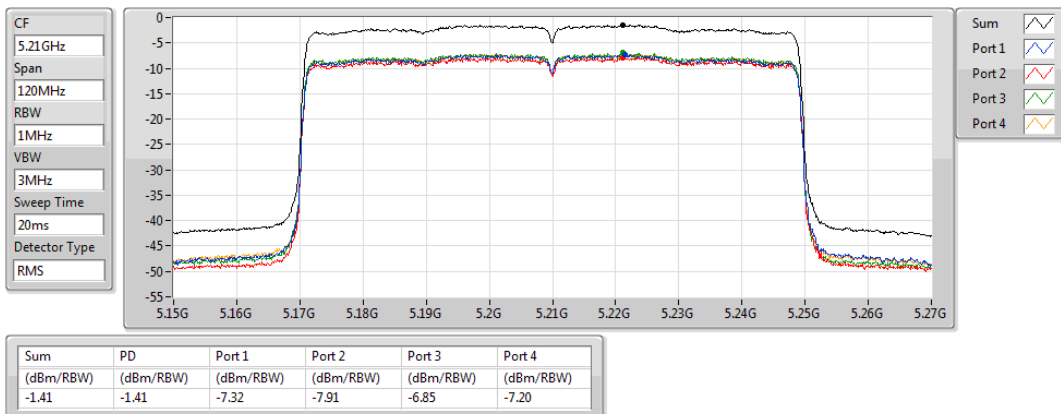


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5210MHz

PSD

14/10/2019

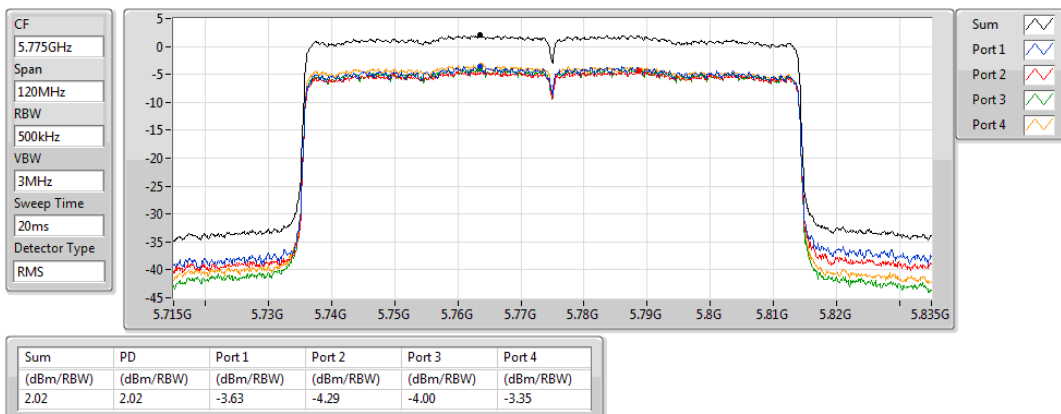


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5775MHz

PSD

14/10/2019





Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT20_Nss4,(MCS0)_4TX	13.69
802.11ac VHT40_Nss4,(MCS0)_4TX	7.53
802.11ac VHT80_Nss4,(MCS0)_4TX	-1.92
802.11ax HEW20_Nss4,(MCS0)_4TX	13.81
802.11ax HEW40_Nss4,(MCS0)_4TX	7.76
802.11ax HEW80_Nss4,(MCS0)_4TX	-1.26
5.725-5.85GHz	-
802.11ac VHT20_Nss4,(MCS0)_4TX	13.37
802.11ac VHT40_Nss4,(MCS0)_4TX	8.89
802.11ac VHT80_Nss4,(MCS0)_4TX	2.23
802.11ax HEW20_Nss4,(MCS0)_4TX	13.50
802.11ax HEW40_Nss4,(MCS0)_4TX	9.28
802.11ax HEW80_Nss4,(MCS0)_4TX	3.34

RBW = 500 kHz 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)
802.11ac VHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.00	1.76	2.02	2.40	1.80	7.87	15.00
5200MHz	Pass	8.00	6.72	6.97	6.64	6.43	12.55	15.00
5240MHz	Pass	8.00	8.07	7.76	8.19	7.14	13.69	15.00
5745MHz	Pass	8.00	7.23	7.65	7.91	7.01	13.37	28.00
5785MHz	Pass	8.00	6.86	7.55	7.51	7.09	13.14	28.00
5825MHz	Pass	8.00	7.35	7.74	7.70	6.72	13.24	28.00
802.11ac VHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.00	-4.83	-4.61	-5.41	-4.24	1.14	15.00
5230MHz	Pass	8.00	1.81	2.06	1.20	1.51	7.53	15.00
5755MHz	Pass	8.00	2.13	2.54	2.09	2.12	8.04	28.00
5795MHz	Pass	8.00	2.75	3.48	2.88	3.22	8.89	28.00
802.11ac VHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.00	-7.66	-7.48	-8.11	-7.59	-1.92	15.00
5775MHz	Pass	8.00	-3.56	-2.80	-3.80	-3.88	2.23	28.00
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.00	1.73	1.96	2.89	2.50	8.20	15.00
5200MHz	Pass	8.00	6.84	7.00	7.36	7.03	12.99	15.00
5240MHz	Pass	8.00	7.93	7.58	8.49	7.59	13.81	15.00
5745MHz	Pass	8.00	7.40	7.84	8.09	7.38	13.50	28.00
5785MHz	Pass	8.00	7.12	7.84	7.96	7.38	13.44	28.00
5825MHz	Pass	8.00	7.41	7.46	7.95	7.13	13.29	28.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.00	-4.06	-3.95	-4.83	-3.84	1.66	15.00
5230MHz	Pass	8.00	2.20	2.37	1.18	1.60	7.76	15.00
5755MHz	Pass	8.00	2.47	1.33	2.41	2.66	8.05	28.00
5795MHz	Pass	8.00	3.28	3.82	3.48	3.48	9.28	28.00
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.00	-7.01	-6.62	-7.65	-6.94	-1.26	15.00
5775MHz	Pass	8.00	-2.69	-1.69	-2.97	-2.91	3.34	28.00

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

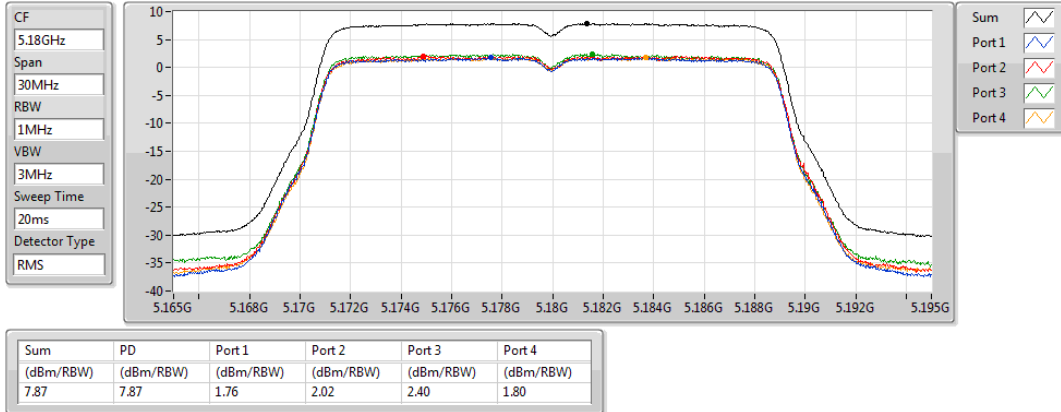
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20_Nss4,(MCS0)_4TX

PSD

5180MHz

09/10/2019

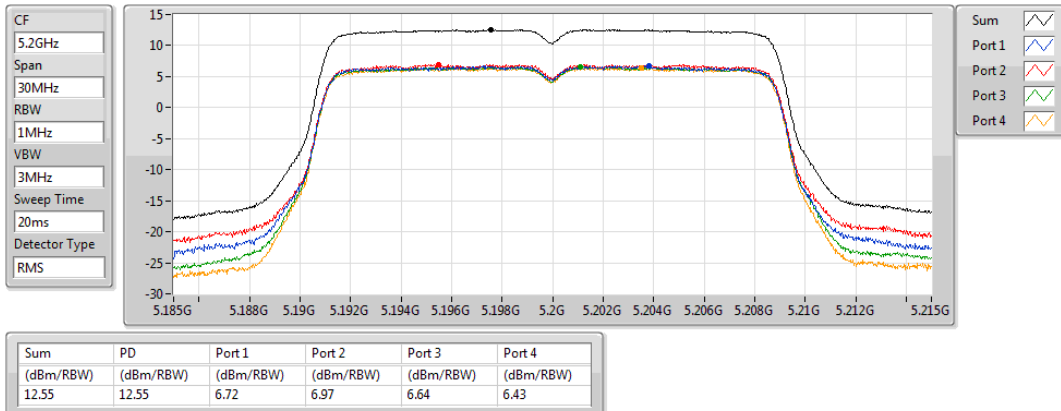


802.11ac VHT20_Nss4,(MCS0)_4TX

PSD

5200MHz

09/10/2019

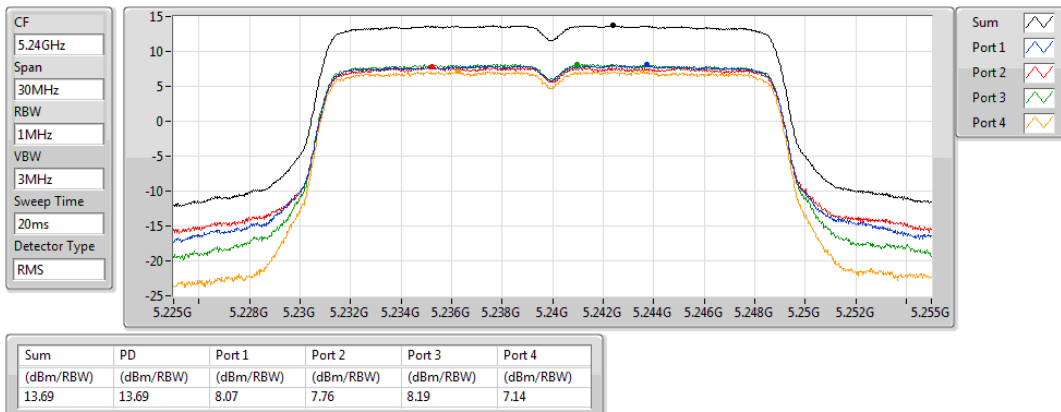


802.11ac VHT20_Nss4,(MCS0)_4TX

PSD

5240MHz

09/10/2019

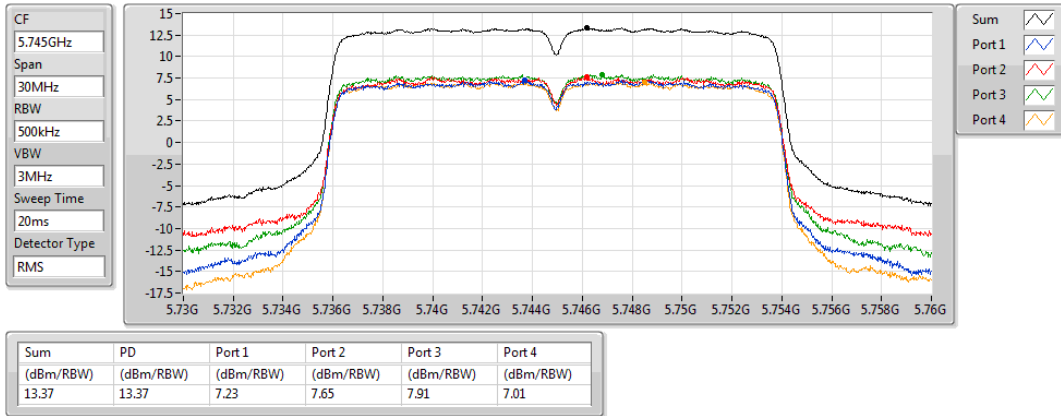


802.11ac VHT20_Nss4,(MCS0)_4TX

5745MHz

PSD

09/10/2019

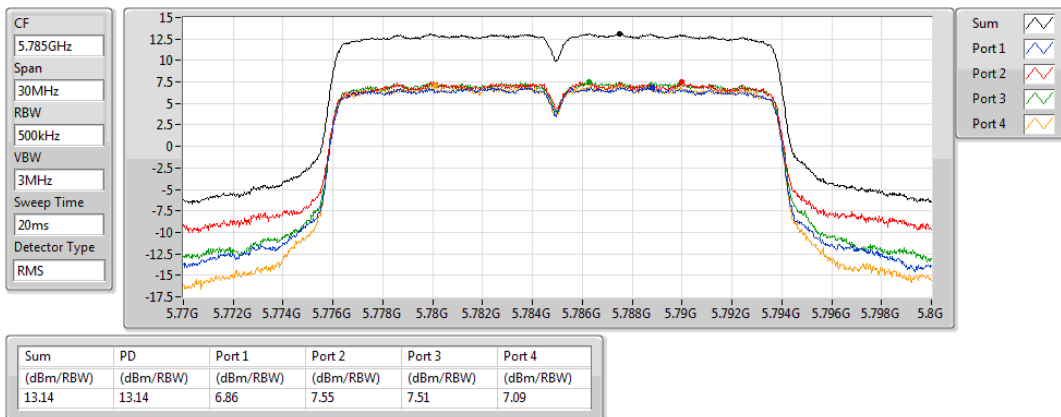


802.11ac VHT20_Nss4,(MCS0)_4TX

5785MHz

PSD

09/10/2019

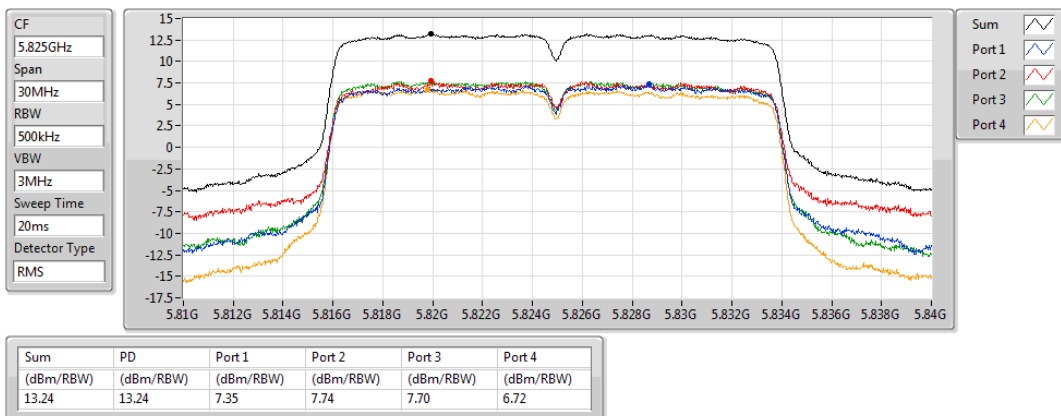


802.11ac VHT20_Nss4,(MCS0)_4TX

5825MHz

PSD

09/10/2019

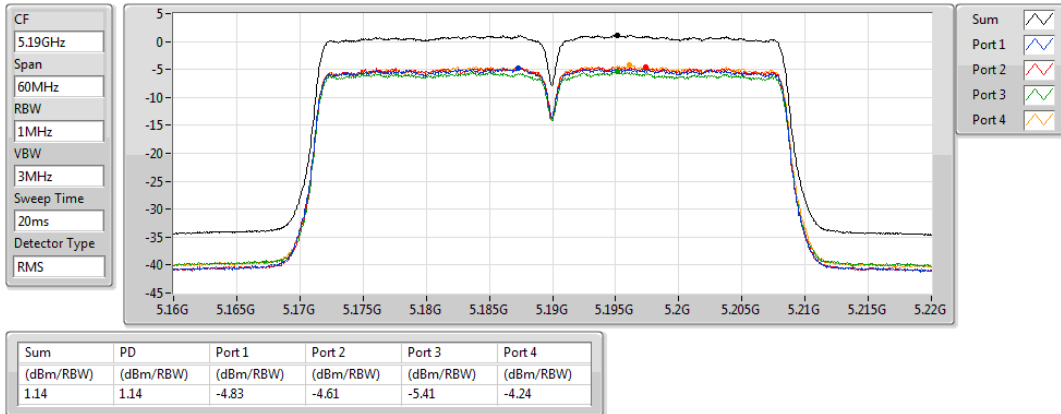


802.11ac VHT40_Nss4,(MCS0)_4TX

PSD

5190MHz

09/10/2019

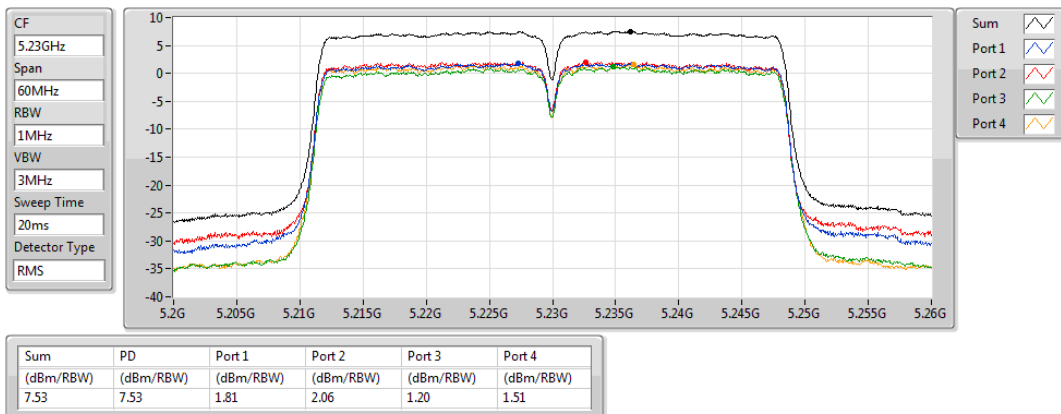


802.11ac VHT40_Nss4,(MCS0)_4TX

PSD

5230MHz

09/10/2019

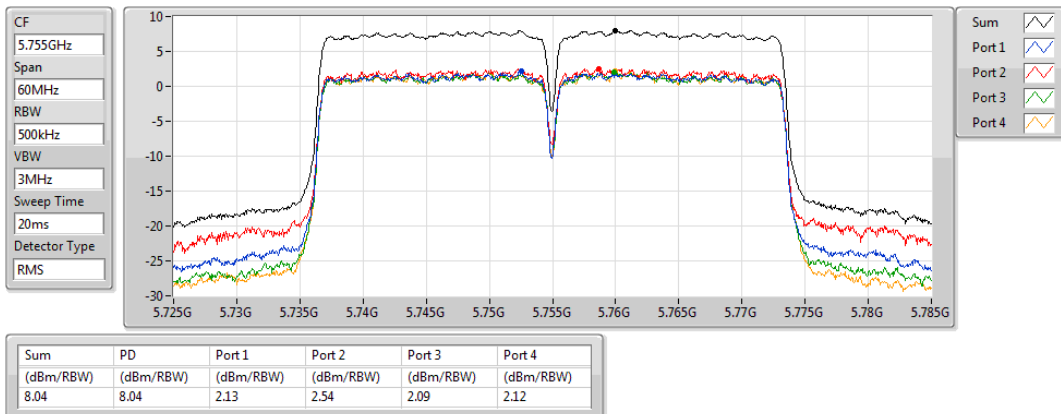


802.11ac VHT40_Nss4,(MCS0)_4TX

PSD

5755MHz

09/10/2019

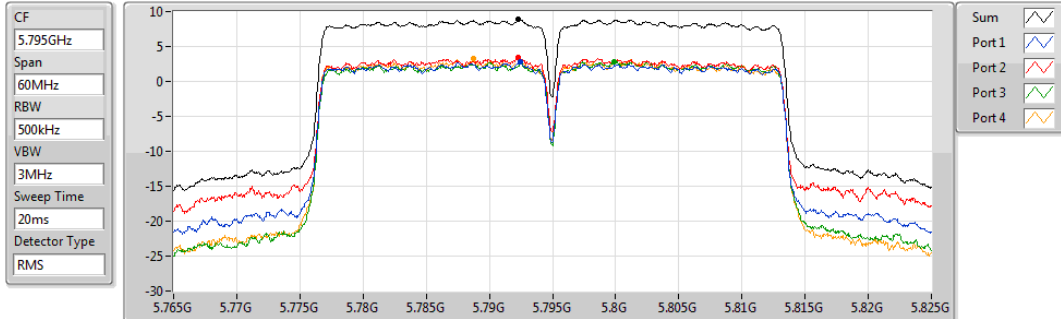


802.11ac VHT40_Nss4,(MCS0)_4TX

PSD

5795MHz

09/10/2019



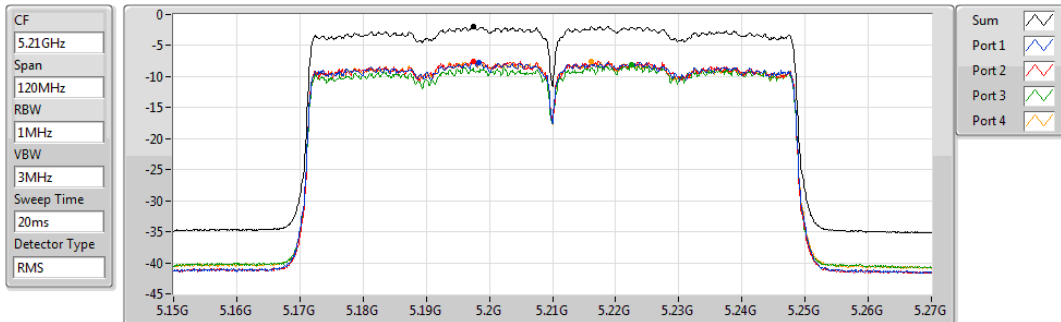
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.89	8.89	2.75	3.48	2.88	3.22

802.11ac VHT80_Nss4,(MCS0)_4TX

PSD

5210MHz

09/10/2019



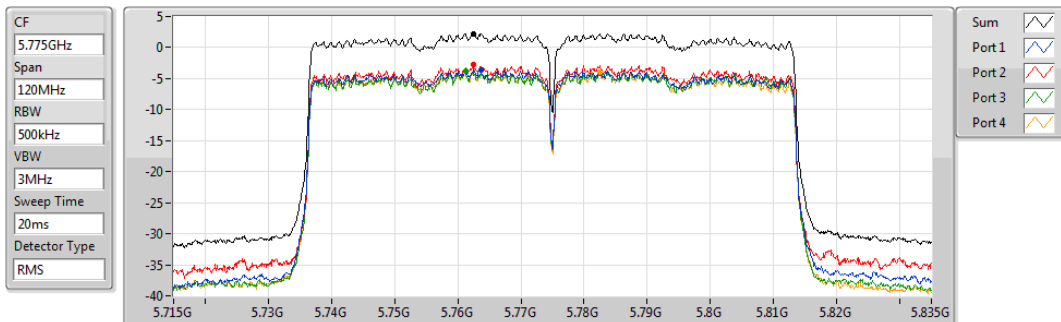
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.92	-1.92	-7.66	-7.48	-8.11	-7.59

802.11ac VHT80_Nss4,(MCS0)_4TX

PSD

5775MHz

09/10/2019



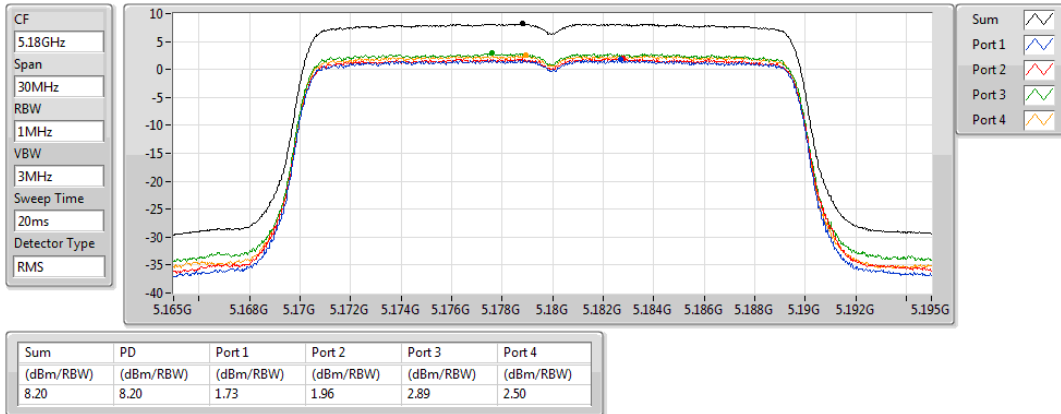
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.23	2.23	-3.56	-2.80	-3.80	-3.88

802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5180MHz

09/10/2019

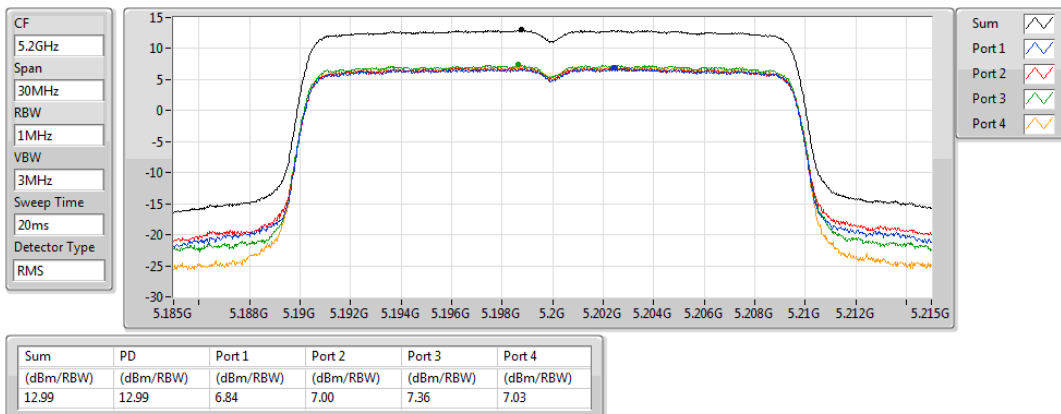


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5200MHz

09/10/2019

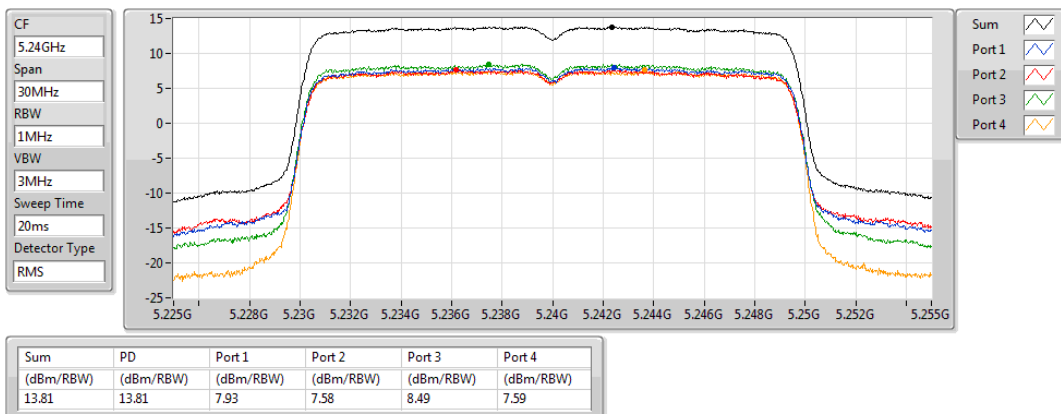


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5240MHz

09/10/2019

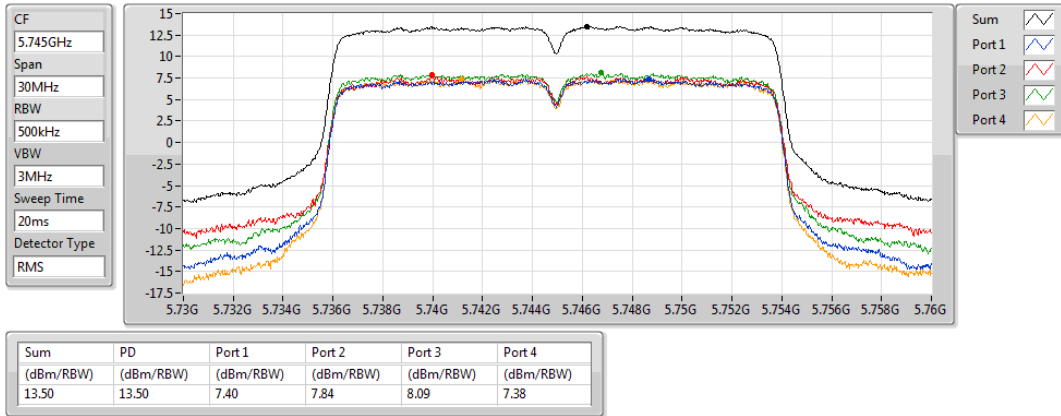


802.11ax HEW20_Nss4,(MCS0)_4TX

5745MHz

PSD

09/10/2019

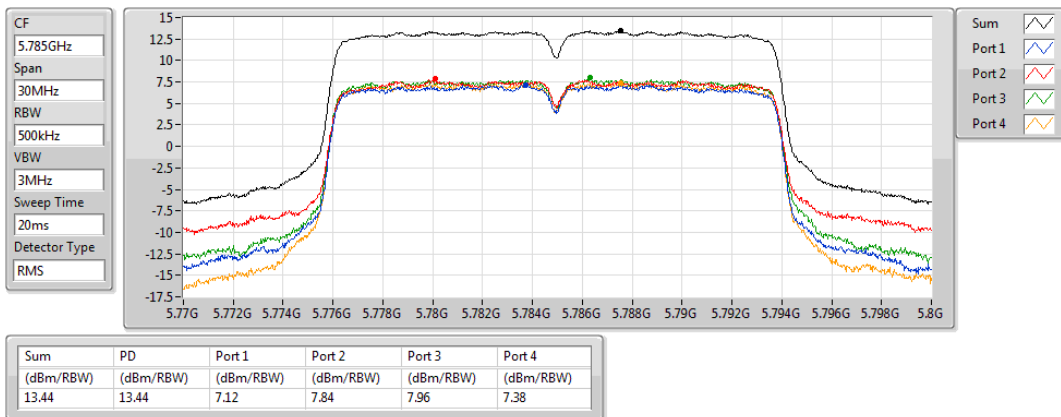


802.11ax HEW20_Nss4,(MCS0)_4TX

5785MHz

PSD

09/10/2019

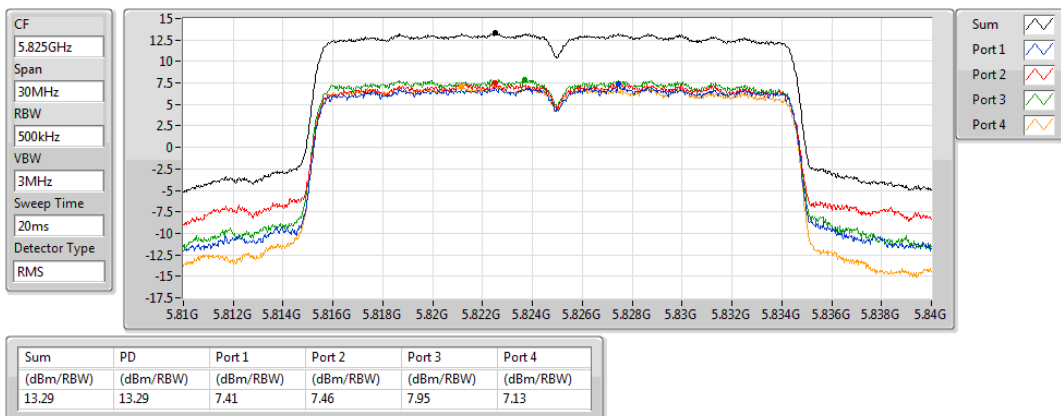


802.11ax HEW20_Nss4,(MCS0)_4TX

5825MHz

PSD

09/10/2019

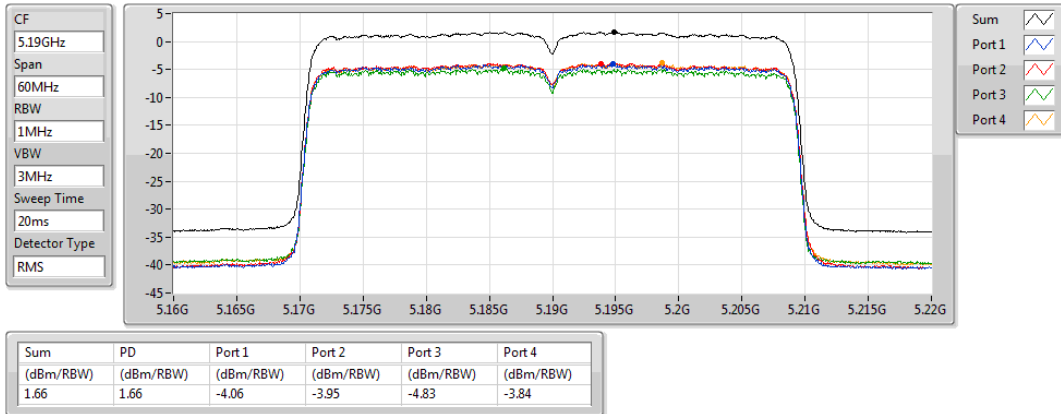


802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5190MHz

09/10/2019

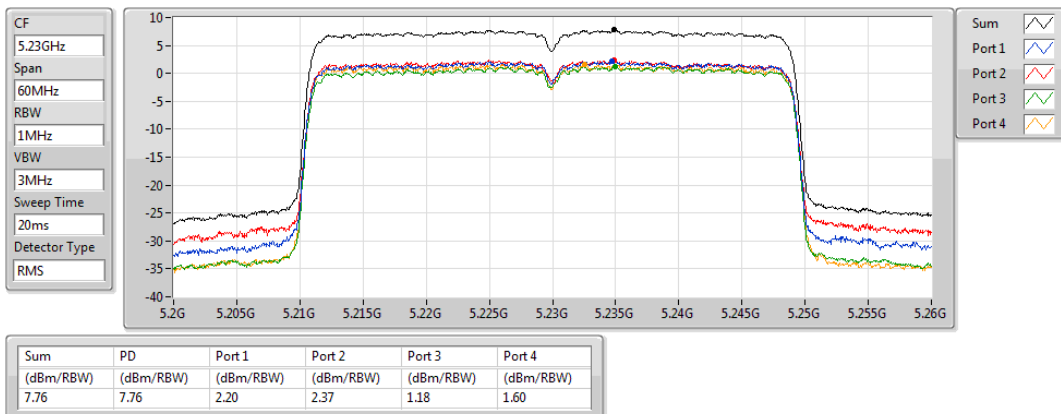


802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5230MHz

09/10/2019

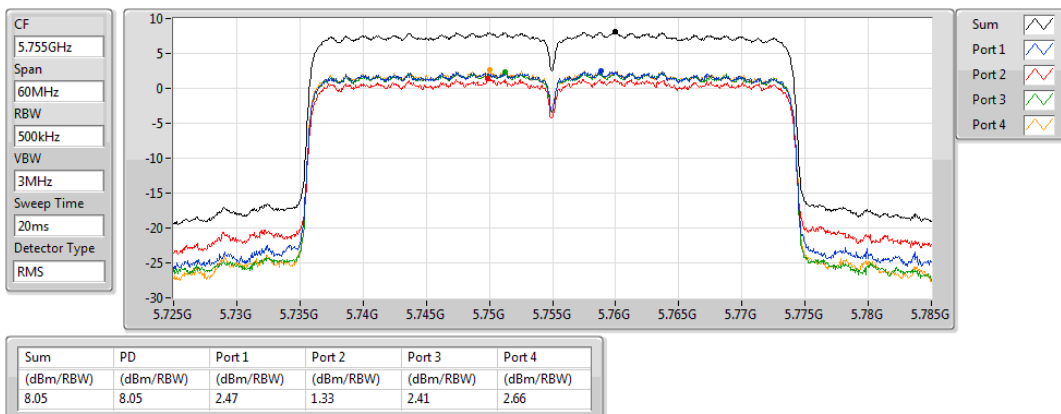


802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5755MHz

09/10/2019

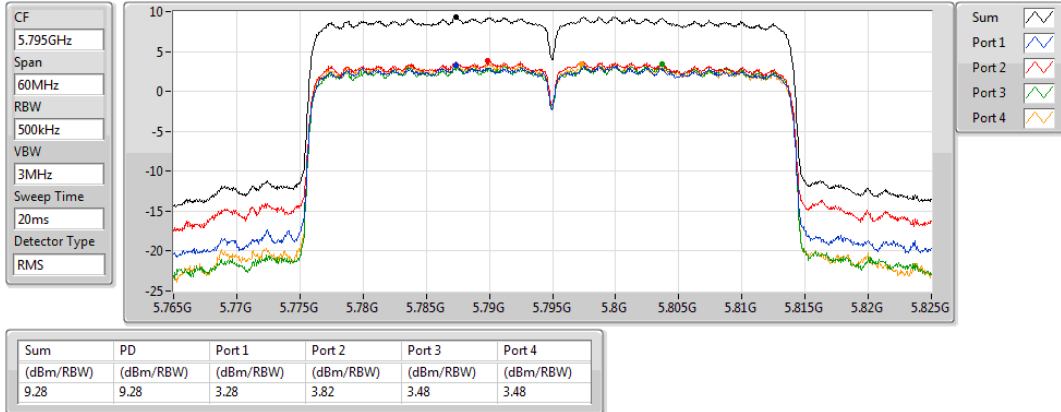


802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5795MHz

09/10/2019

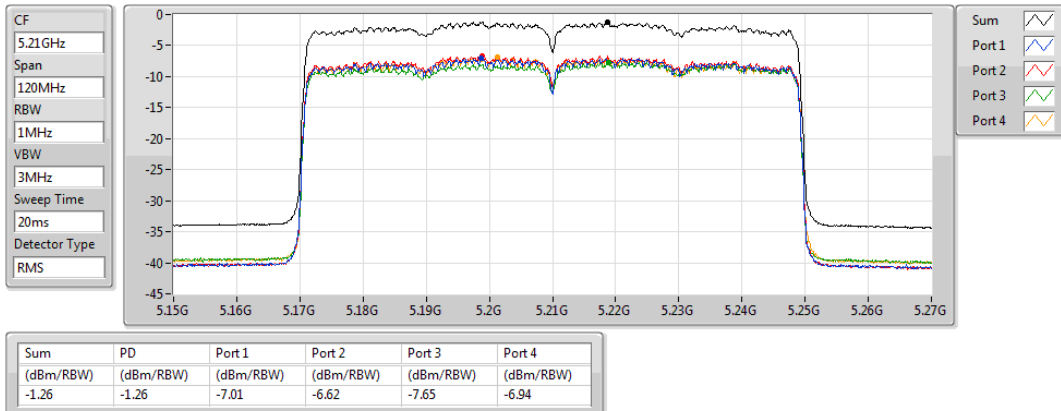


802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5210MHz

09/10/2019

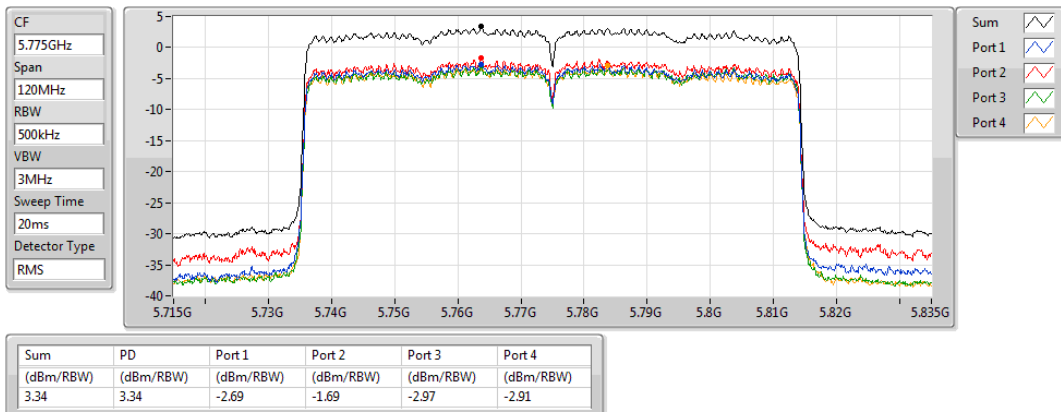


802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5775MHz

09/10/2019



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	9.02
802.11ac VHT20_Nss1,(MCS0)_1TX	8.35
802.11ac VHT40_Nss1,(MCS0)_1TX	3.73
802.11ac VHT80_Nss1,(MCS0)_1TX	-4.32
802.11ax HEW20_Nss1,(MCS0)_1TX	8.17
802.11ax HEW40_Nss1,(MCS0)_1TX	3.80
802.11ax HEW80_Nss1,(MCS0)_1TX	-4.30
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	9.32
802.11ac VHT20_Nss1,(MCS0)_1TX	8.90
802.11ac VHT40_Nss1,(MCS0)_1TX	4.11
802.11ac VHT80_Nss1,(MCS0)_1TX	-2.36
802.11ax HEW20_Nss1,(MCS0)_1TX	8.66
802.11ax HEW40_Nss1,(MCS0)_1TX	3.90
802.11ax HEW80_Nss1,(MCS0)_1TX	-2.30

RBW = 500 kHz 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	-	-	-	-	-
5180MHz	Pass	10.70	5.26	5.26	12.30
5200MHz	Pass	10.70	9.02	9.02	12.30
5240MHz	Pass	10.70	8.78	8.78	12.30
5745MHz	Pass	10.70	9.28	9.28	25.30
5785MHz	Pass	10.70	9.32	9.32	25.30
5825MHz	Pass	10.70	8.60	8.60	25.30
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	10.70	3.97	3.97	12.30
5200MHz	Pass	10.70	8.00	8.00	12.30
5240MHz	Pass	10.70	8.35	8.35	12.30
5745MHz	Pass	10.70	8.74	8.74	25.30
5785MHz	Pass	10.70	8.90	8.90	25.30
5825MHz	Pass	10.70	8.09	8.09	25.30
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	10.70	-1.52	-1.52	12.30
5230MHz	Pass	10.70	3.73	3.73	12.30
5755MHz	Pass	10.70	3.85	3.85	25.30
5795MHz	Pass	10.70	4.11	4.11	25.30
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	10.70	-4.32	-4.32	12.30
5775MHz	Pass	10.70	-2.36	-2.36	25.30
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	10.70	3.91	3.91	12.30
5200MHz	Pass	10.70	7.85	7.85	12.30
5240MHz	Pass	10.70	8.17	8.17	12.30
5745MHz	Pass	10.70	8.62	8.62	25.30
5785MHz	Pass	10.70	8.66	8.66	25.30
5825MHz	Pass	10.70	7.79	7.79	25.30
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	10.70	-1.39	-1.39	12.30
5230MHz	Pass	10.70	3.80	3.80	12.30
5755MHz	Pass	10.70	3.29	3.29	25.30
5795MHz	Pass	10.70	3.90	3.90	25.30
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	10.70	-4.30	-4.30	12.30
5775MHz	Pass	10.70	-2.30	-2.30	25.30

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

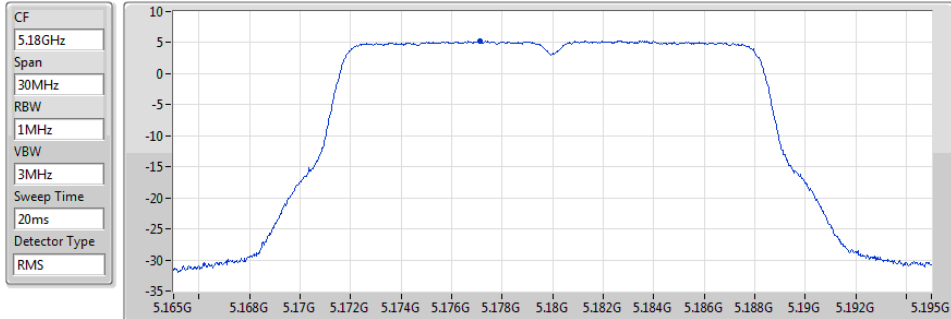
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5180MHz

10/10/2019



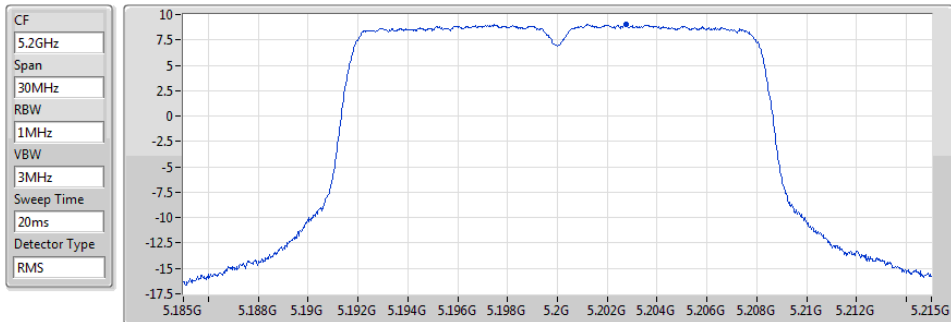
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.26	5.26	5.26

802.11a_Nss1,(6Mbps)_1TX

PSD

5200MHz

10/10/2019



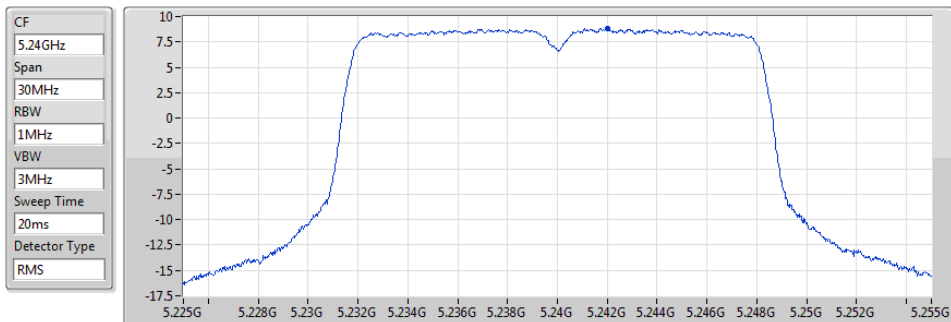
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.02	9.02	9.02

802.11a_Nss1,(6Mbps)_1TX

PSD

5240MHz

08/10/2019



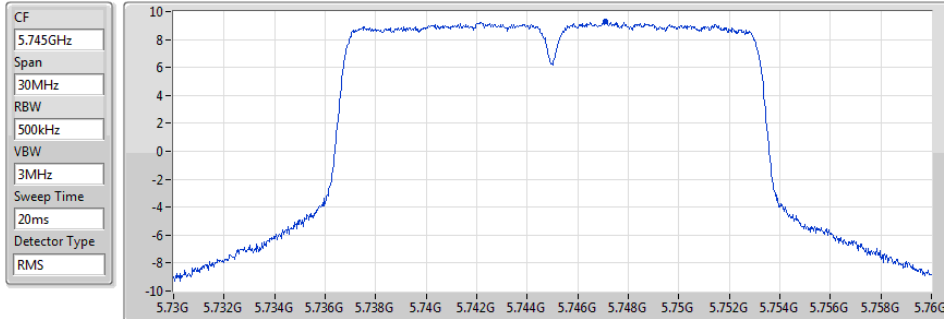
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.78	8.78	8.78

802.11a_Nss1,(6Mbps)_1TX

PSD

5745MHz

10/10/2019



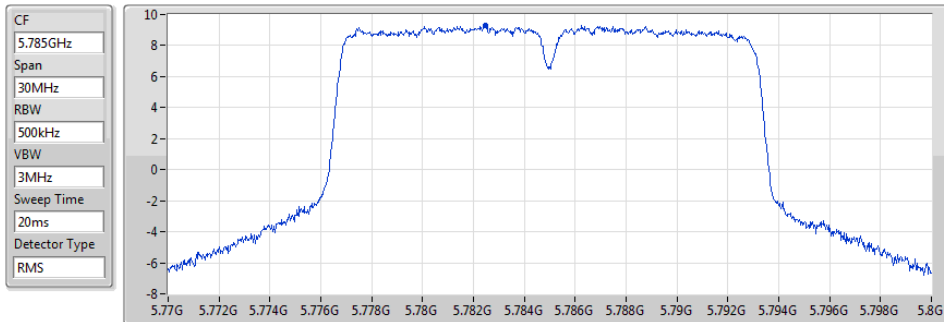
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.28	9.28	9.28

802.11a_Nss1,(6Mbps)_1TX

PSD

5785MHz

08/10/2019



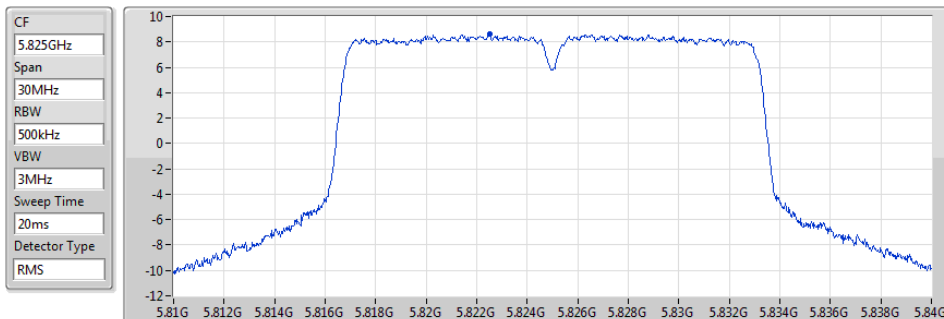
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.32	9.32	9.32

802.11a_Nss1,(6Mbps)_1TX

PSD

5825MHz

10/10/2019



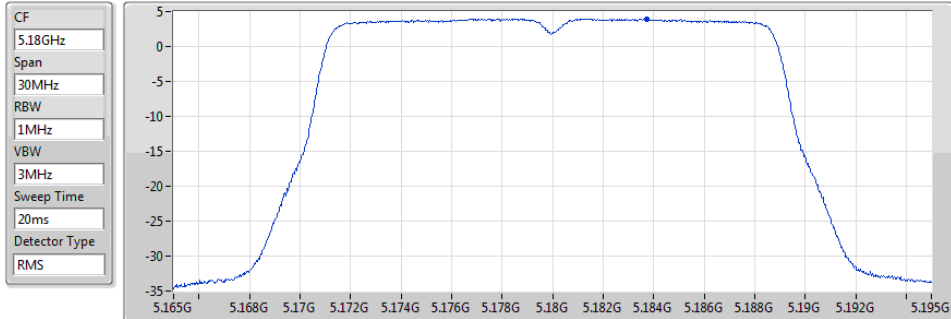
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.60	8.60	8.60

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5180MHz

08/10/2019



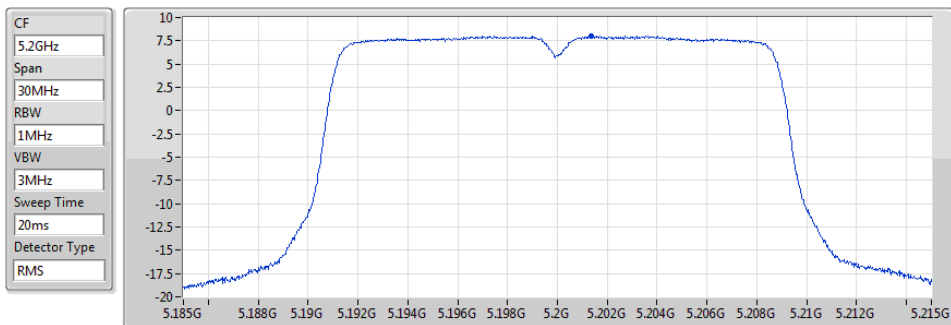
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.97	3.97	3.97

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5200MHz

10/10/2019



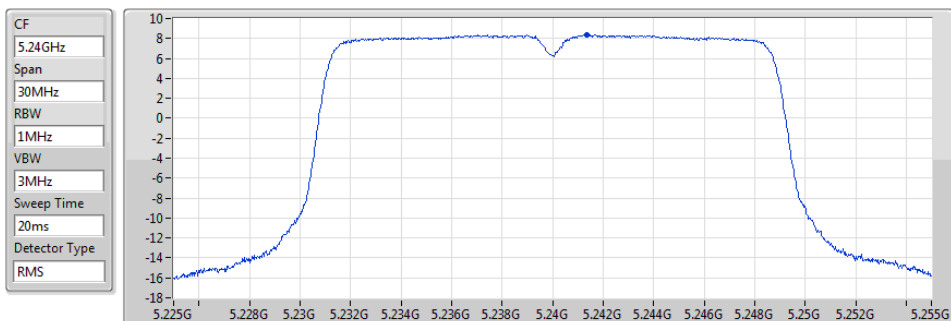
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.00	8.00	8.00

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5240MHz

08/10/2019



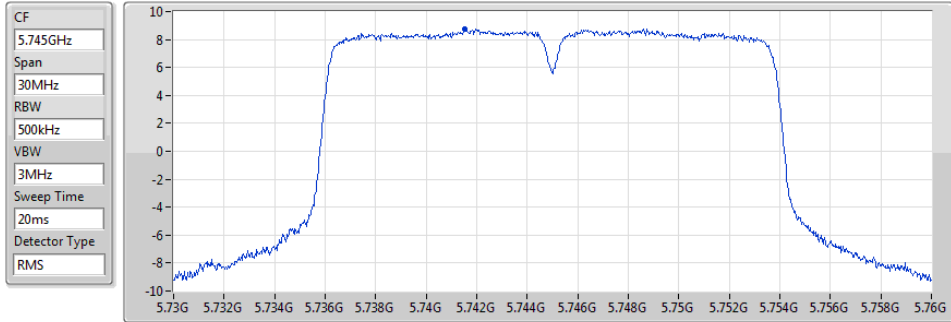
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.35	8.35	8.35

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5745MHz

08/10/2019



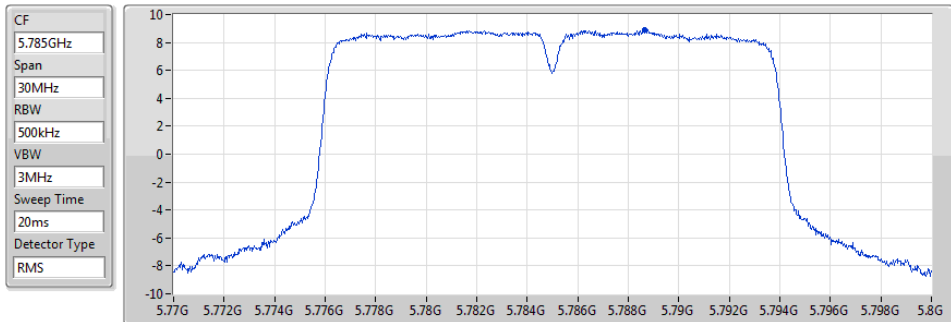
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.74	8.74	8.74

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5785MHz

10/10/2019



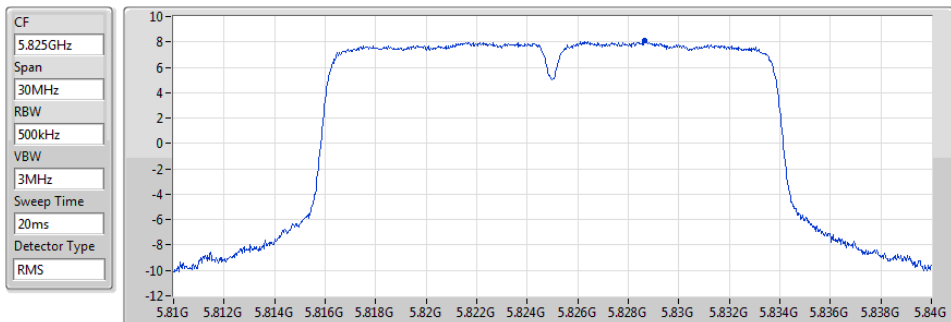
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.90	8.90	8.90

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5825MHz

08/10/2019



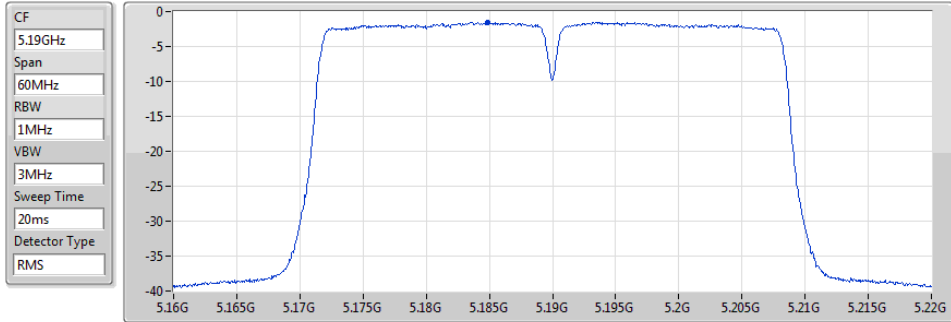
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.09	8.09	8.09

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5190MHz

11/10/2019



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.52	-1.52	-1.52

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5230MHz

11/10/2019



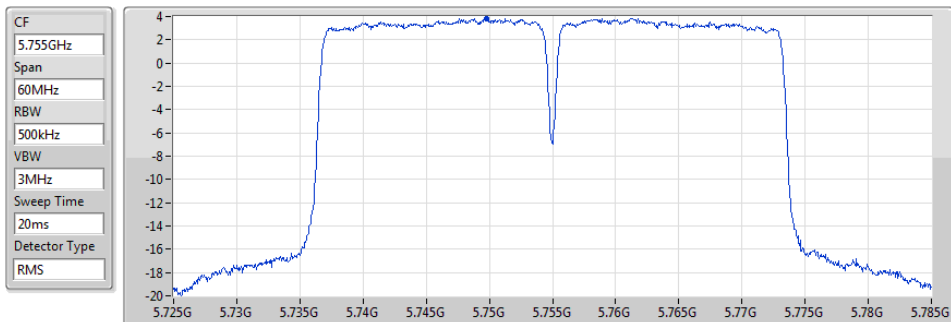
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.73	3.73	3.73

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5755MHz

11/10/2019



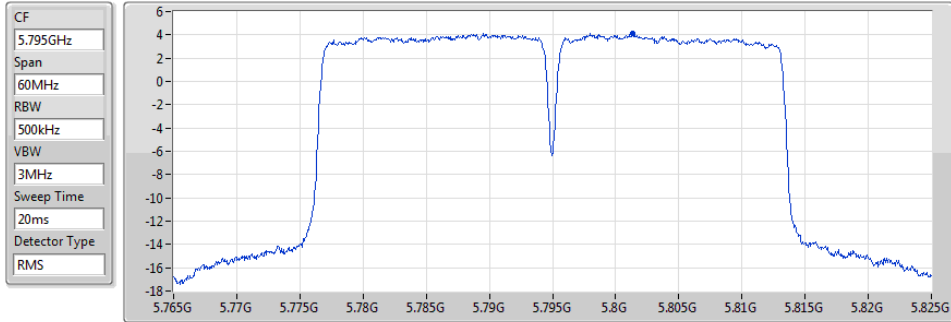
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.85	3.85	3.85

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5795MHz

11/10/2019



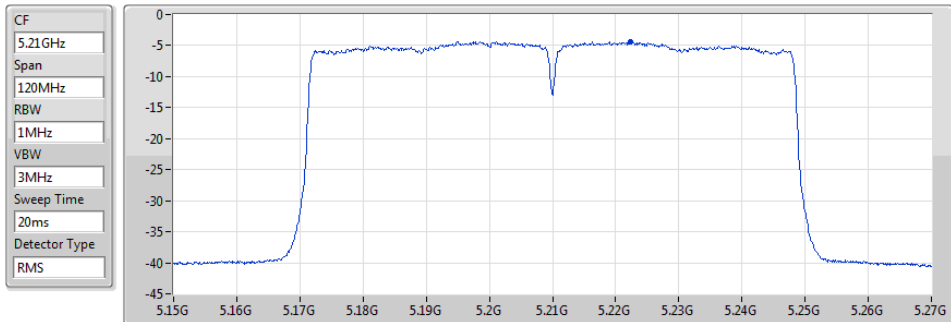
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.11	4.11	4.11

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5210MHz

11/10/2019



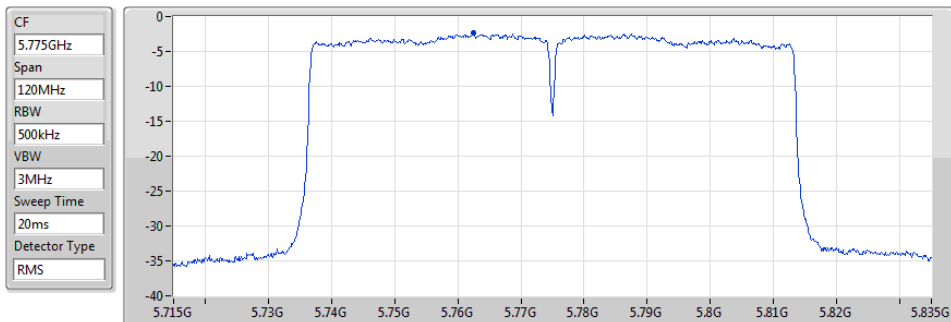
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.32	-4.32	-4.32

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5775MHz

11/10/2019



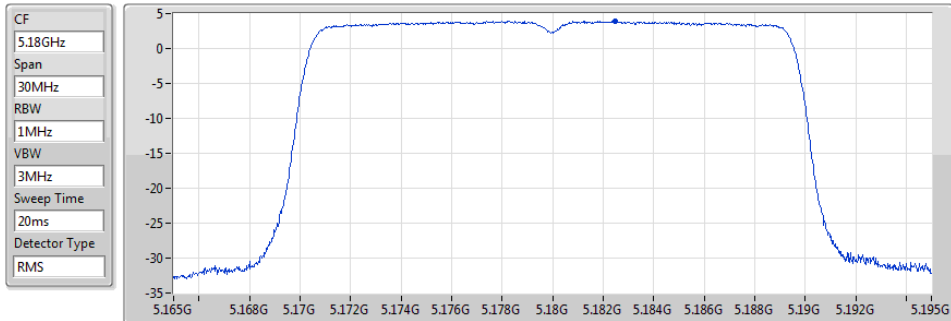
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.36	-2.36	-2.36

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5180MHz

08/10/2019



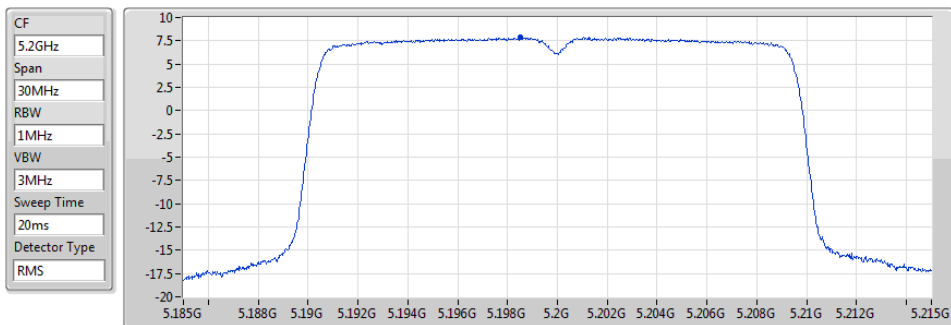
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.91	3.91	3.91

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5200MHz

10/10/2019



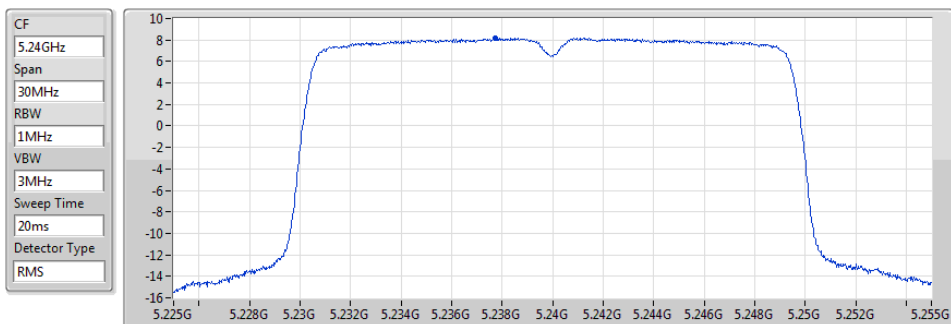
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.85	7.85	7.85

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5240MHz

08/10/2019



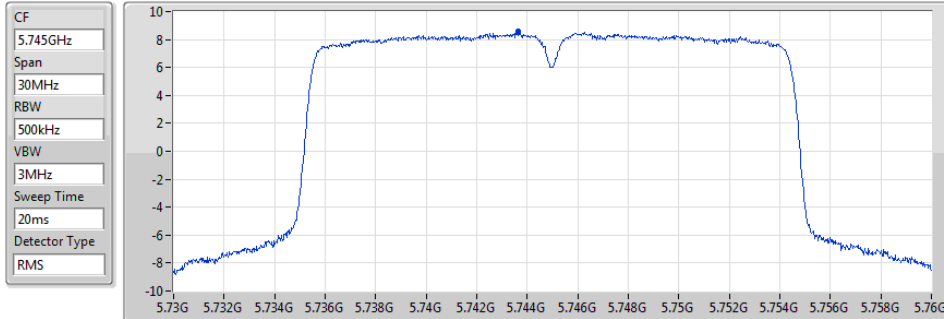
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.17	8.17	8.17

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5745MHz

08/10/2019



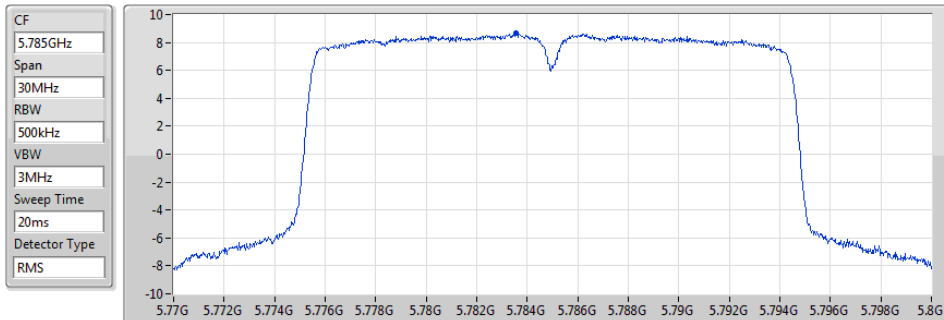
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.62	8.62	8.62

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5785MHz

10/10/2019



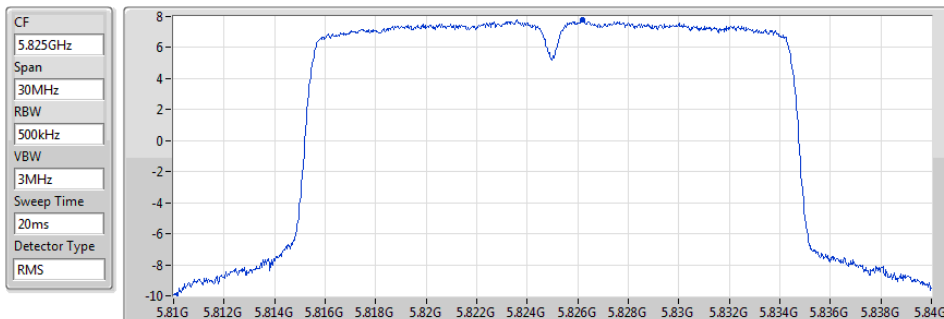
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.66	8.66	8.66

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5825MHz

08/10/2019



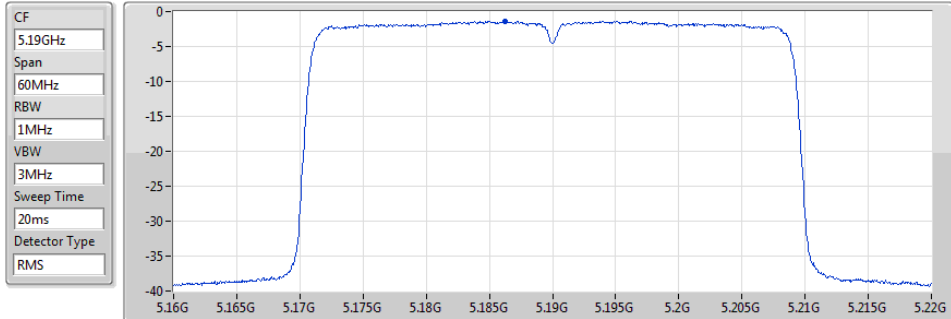
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.79	7.79	7.79

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5190MHz

11/10/2019



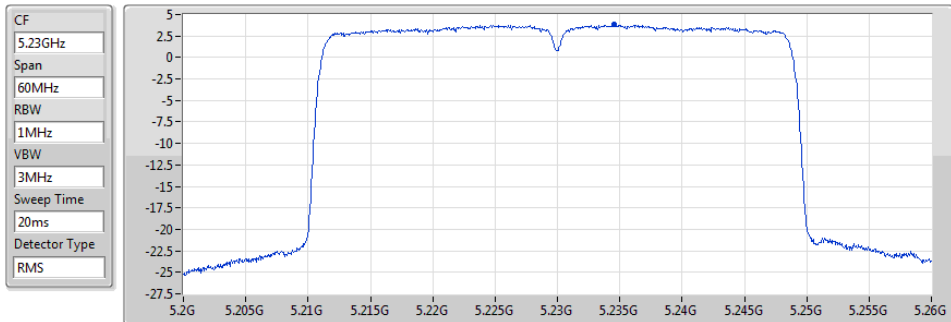
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.39	-1.39	-1.39

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5230MHz

11/10/2019



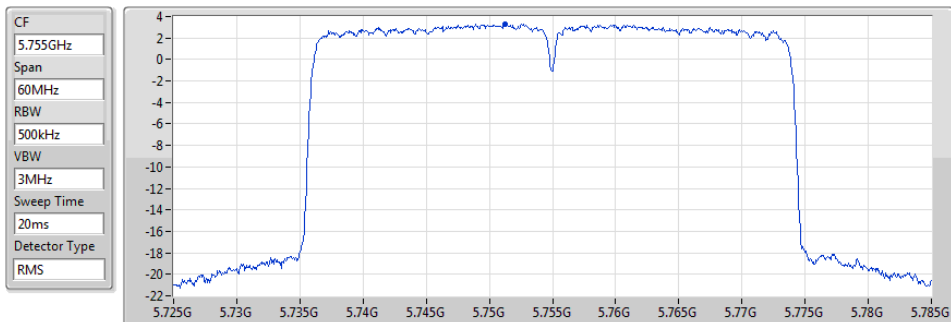
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.80	3.80	3.80

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5755MHz

11/10/2019



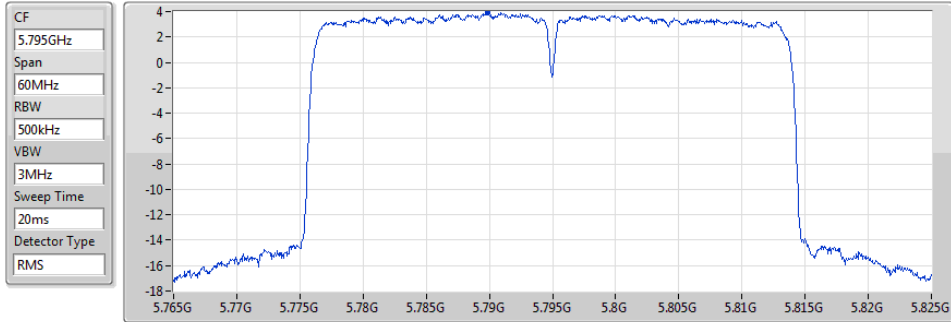
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.29	3.29	3.29

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5795MHz

11/10/2019



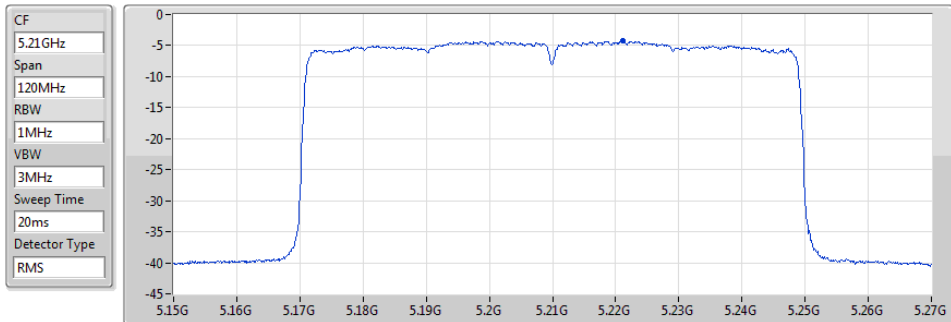
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.90	3.90	3.90

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5210MHz

11/10/2019



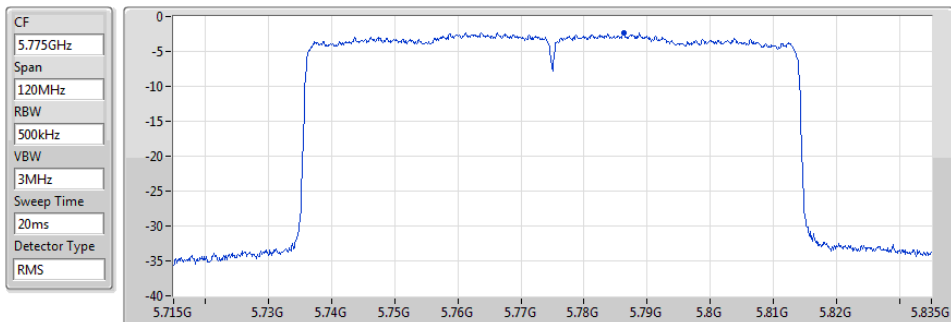
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.30	-4.30	-4.30

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5775MHz

11/10/2019



Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.30	-2.30	-2.30

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	8.96
802.11ac VHT20_Nss2,(MCS0)_2TX	10.78
802.11ac VHT40_Nss2,(MCS0)_2TX	6.52
802.11ac VHT80_Nss2,(MCS0)_2TX	-3.15
802.11ax HEW20_Nss2,(MCS0)_2TX	10.71
802.11ax HEW40_Nss2,(MCS0)_2TX	6.49
802.11ax HEW80_Nss2,(MCS0)_2TX	-2.76
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.83
802.11ac VHT20_Nss2,(MCS0)_2TX	10.46
802.11ac VHT40_Nss2,(MCS0)_2TX	6.40
802.11ac VHT80_Nss2,(MCS0)_2TX	-0.10
802.11ax HEW20_Nss2,(MCS0)_2TX	10.34
802.11ax HEW40_Nss2,(MCS0)_2TX	6.28
802.11ax HEW80_Nss2,(MCS0)_2TX	-0.03

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	13.71	3.64	4.09	6.81	9.29
5200MHz	Pass	13.71	5.68	5.91	8.81	9.29
5240MHz	Pass	13.71	6.21	5.86	8.96	9.29
5745MHz	Pass	13.71	7.64	8.18	10.83	22.29
5785MHz	Pass	13.71	7.35	8.07	10.67	22.29
5825MHz	Pass	13.71	7.50	7.76	10.54	22.29
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	10.70	2.87	3.15	5.93	12.30
5200MHz	Pass	10.70	7.61	7.67	10.58	12.30
5240MHz	Pass	10.70	7.87	7.76	10.78	12.30
5745MHz	Pass	10.70	7.30	7.81	10.46	25.30
5785MHz	Pass	10.70	6.99	7.66	10.28	25.30
5825MHz	Pass	10.70	7.29	7.63	10.38	25.30
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	10.70	-2.03	-1.73	1.07	12.30
5230MHz	Pass	10.70	3.76	3.61	6.52	12.30
5755MHz	Pass	10.70	3.24	3.78	6.40	25.30
5795MHz	Pass	10.70	2.80	3.54	6.13	25.30
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	10.70	-6.30	-5.97	-3.15	12.30
5775MHz	Pass	10.70	-3.42	-2.63	-0.10	25.30
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	10.70	2.90	3.04	5.98	12.30
5200MHz	Pass	10.70	7.50	7.58	10.52	12.30
5240MHz	Pass	10.70	7.84	7.55	10.71	12.30
5745MHz	Pass	10.70	7.09	7.69	10.34	25.30
5785MHz	Pass	10.70	6.79	7.64	10.13	25.30
5825MHz	Pass	10.70	7.09	7.43	10.18	25.30
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	10.70	-1.90	-1.77	1.07	12.30
5230MHz	Pass	10.70	3.63	3.54	6.49	12.30
5755MHz	Pass	10.70	3.09	3.80	6.28	25.30
5795MHz	Pass	10.70	2.74	3.54	6.06	25.30
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	10.70	-5.78	-5.65	-2.76	12.30
5775MHz	Pass	10.70	-3.15	-2.80	-0.03	25.30

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

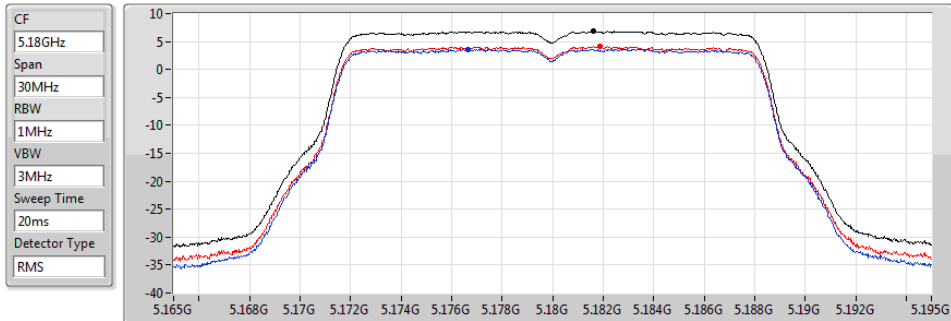
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

11/10/2019



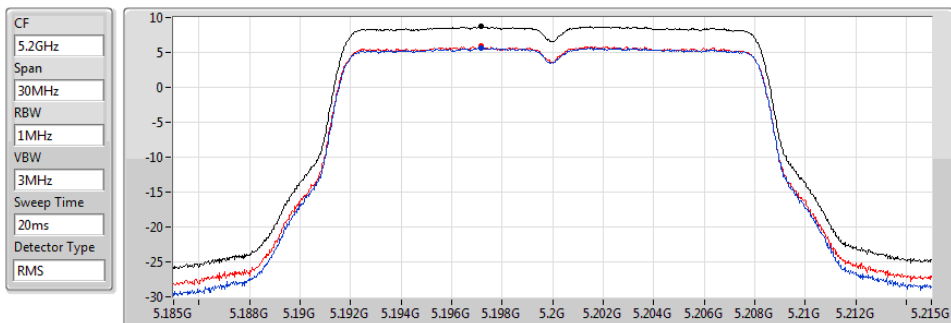
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.81	6.81	3.64	4.09

802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

11/10/2019



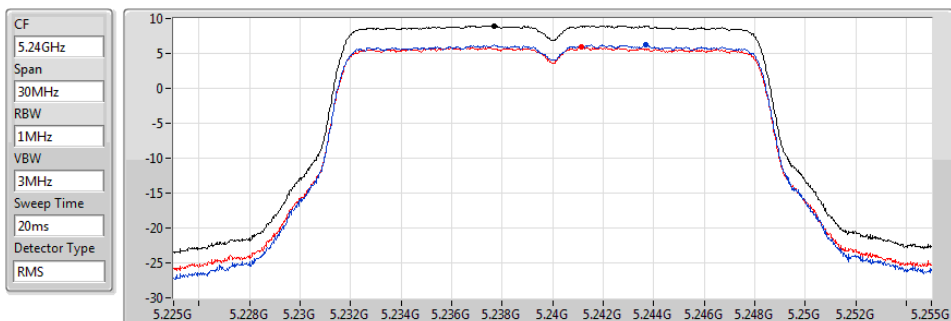
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.81	8.81	5.68	5.91

802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

11/10/2019



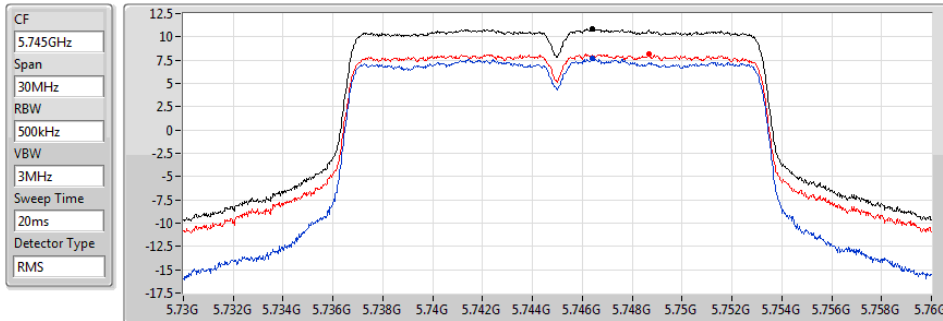
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.96	8.96	6.21	5.86

802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

11/10/2019



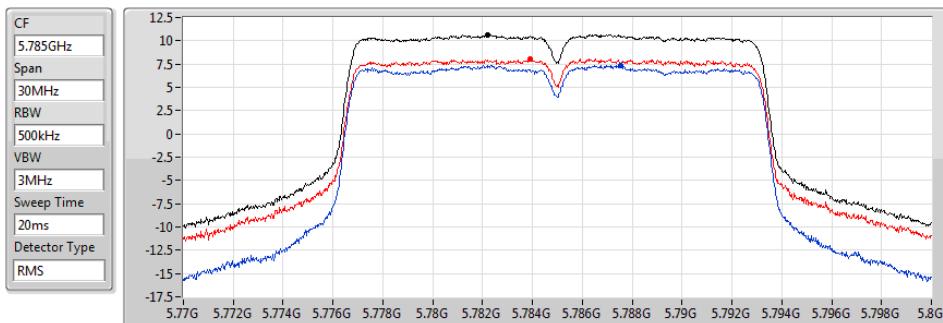
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.83	10.83	7.64	8.18

802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

11/10/2019



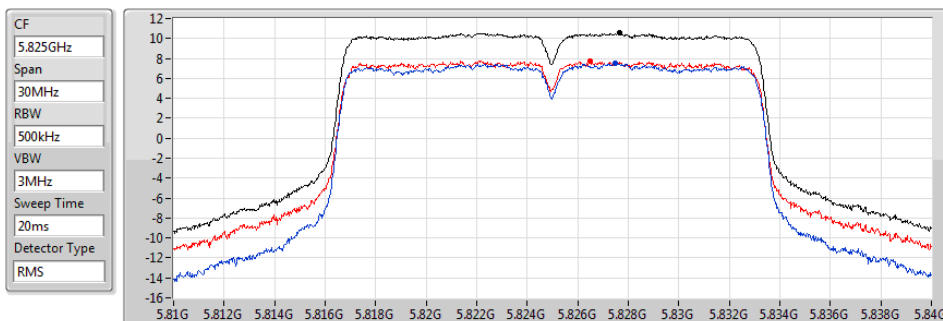
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.67	10.67	7.35	8.07

802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

11/10/2019



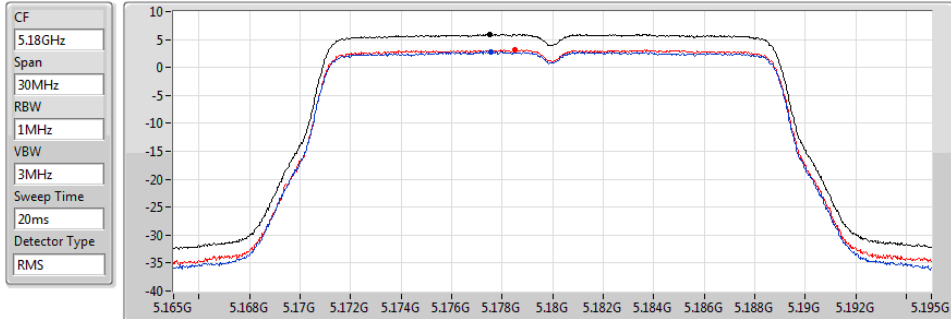
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.54	10.54	7.50	7.76

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5180MHz

09/10/2019



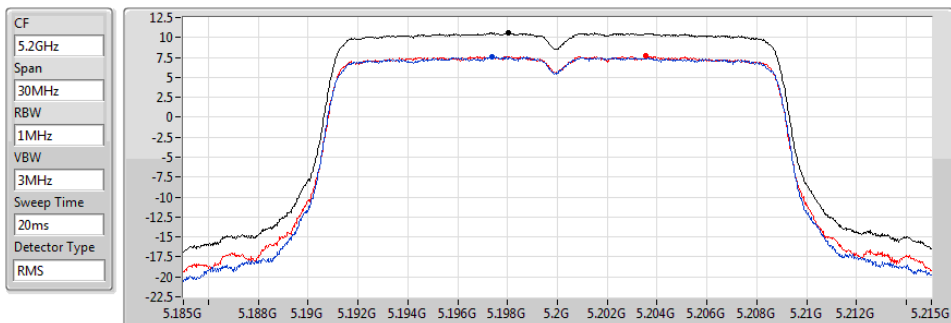
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.93	5.93	2.87	3.15

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5200MHz

09/10/2019



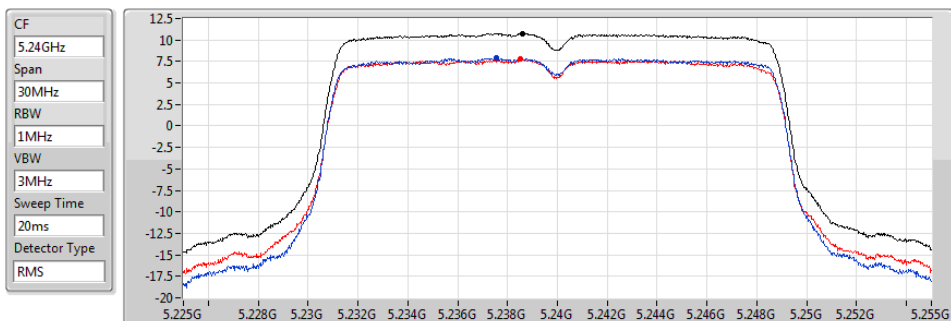
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.58	10.58	7.61	7.67

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5240MHz

09/10/2019



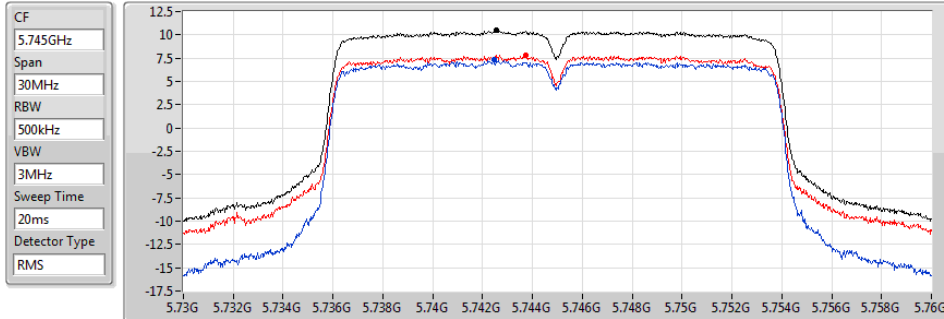
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.78	10.78	7.87	7.76

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5745MHz

11/10/2019



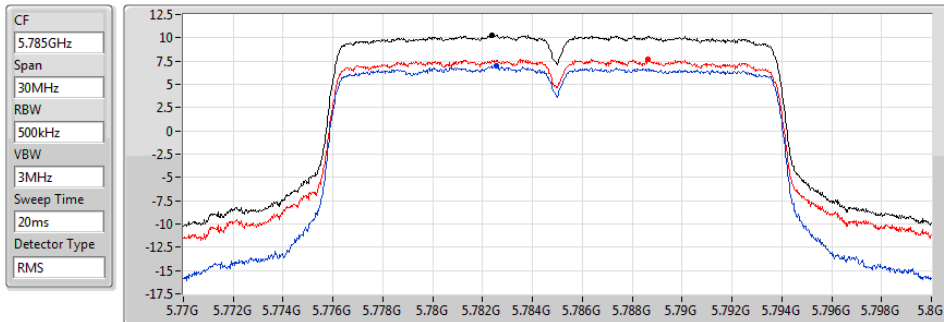
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.46	10.46	7.30	7.81

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5785MHz

11/10/2019



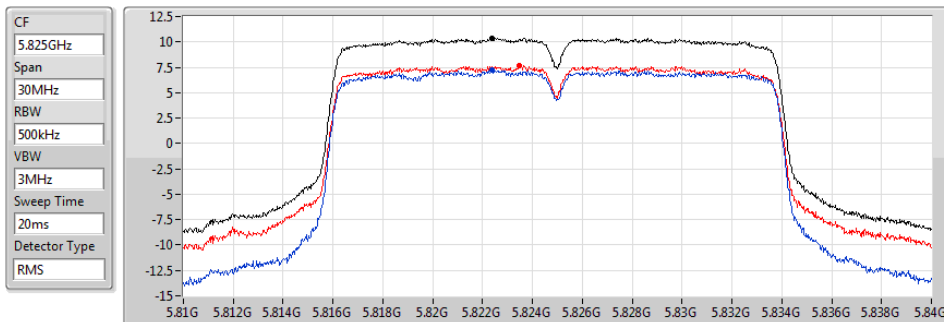
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.28	10.28	6.99	7.66

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5825MHz

11/10/2019



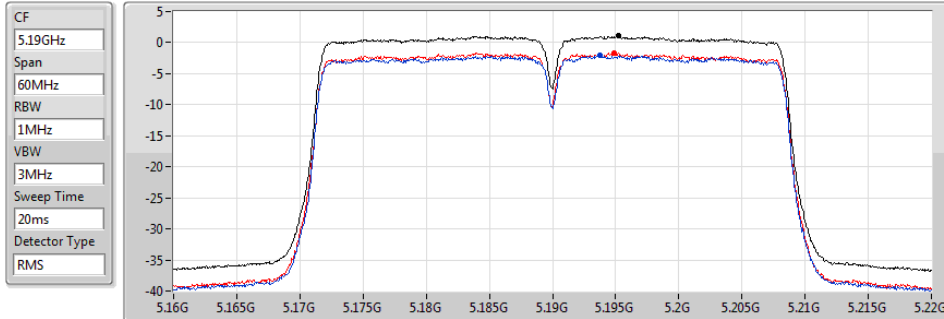
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.38	10.38	7.29	7.63

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5190MHz

09/10/2019



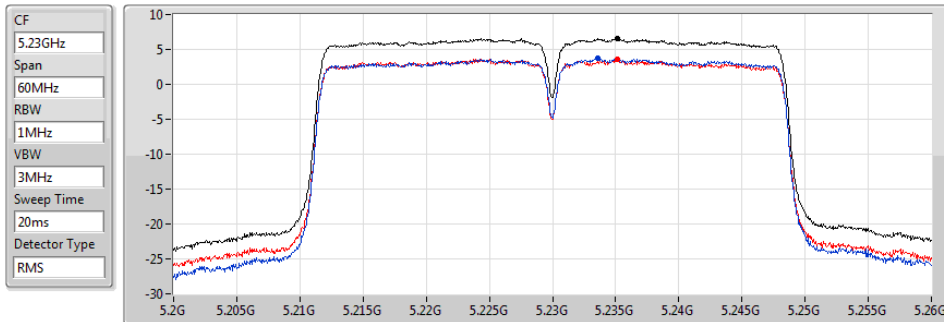
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.07	1.07	-2.03	-1.73

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5230MHz

09/10/2019



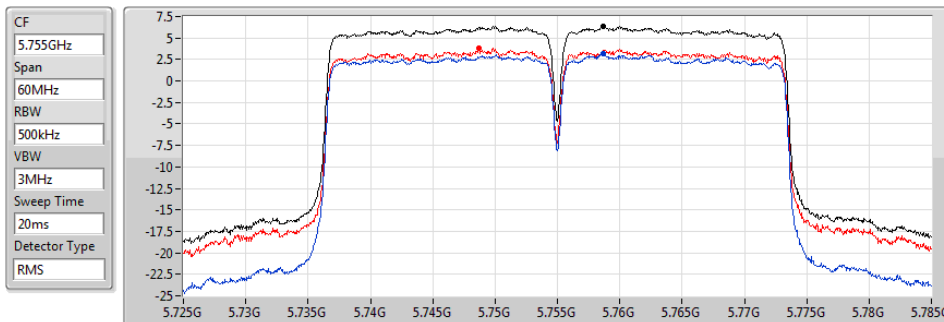
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.52	6.52	3.76	3.61

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5755MHz

11/10/2019



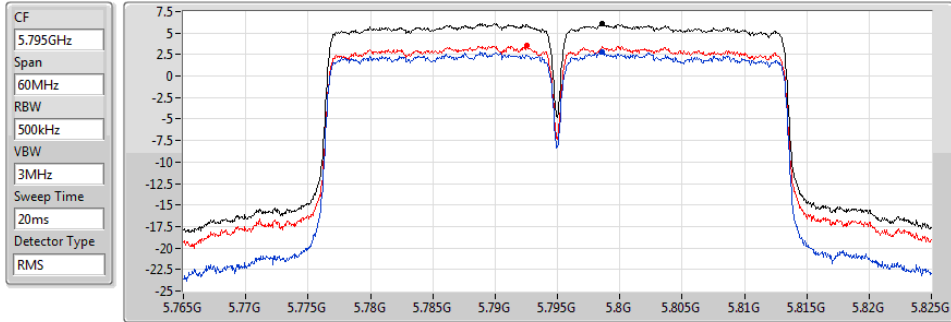
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.40	6.40	3.24	3.78

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5795MHz

09/10/2019



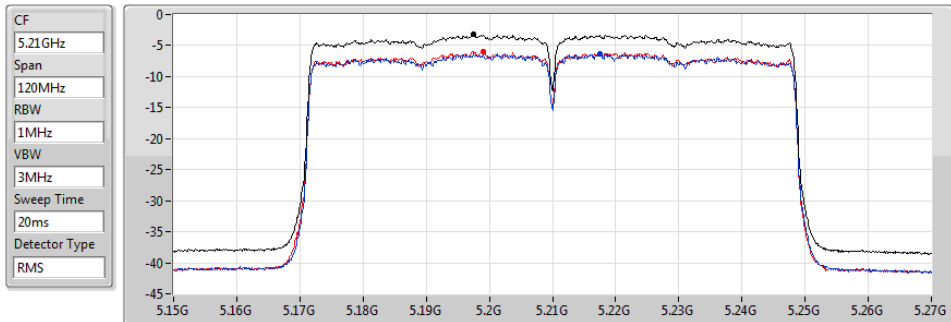
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.13	6.13	2.80	3.54

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5210MHz

09/10/2019



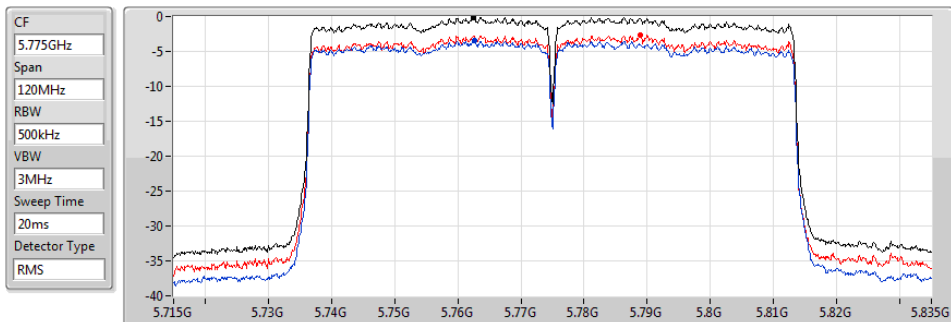
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.15	-3.15	-6.30	-5.97

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5775MHz

11/10/2019



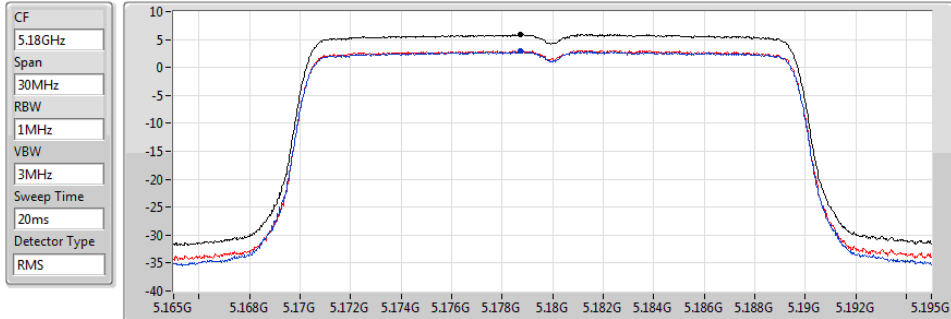
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.10	-0.10	-3.42	-2.63

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5180MHz

09/10/2019



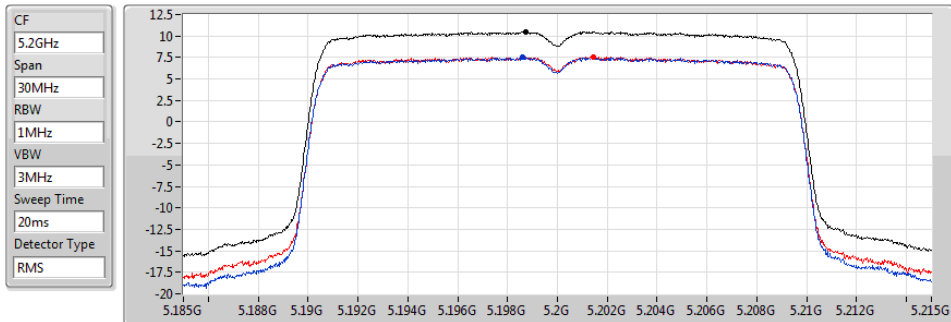
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.98	5.98	2.90	3.04

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5200MHz

09/10/2019



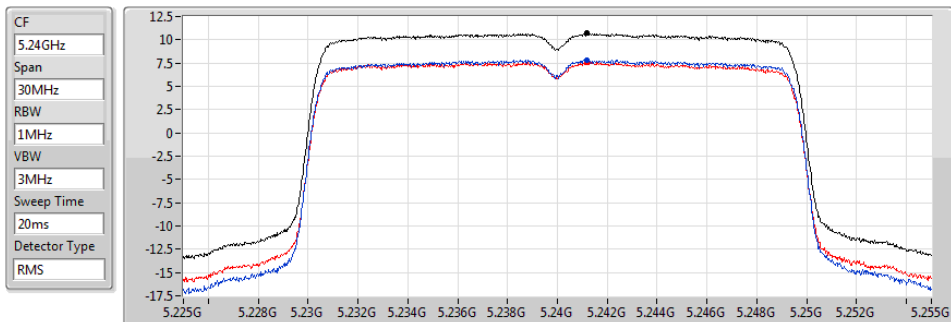
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.52	10.52	7.50	7.58

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5240MHz

09/10/2019



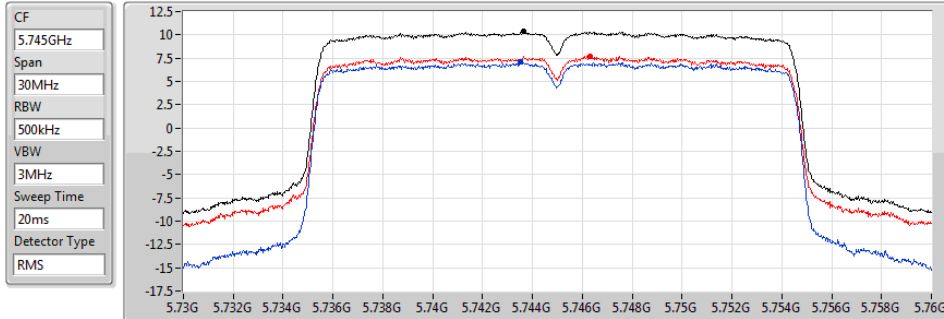
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.71	10.71	7.84	7.55

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5745MHz

11/10/2019



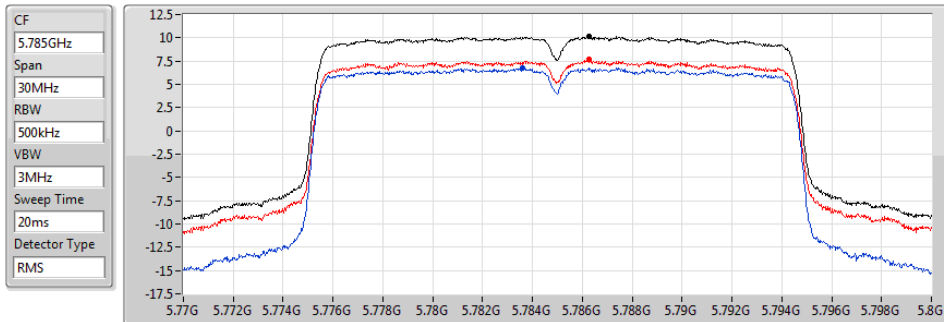
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.34	10.34	7.09	7.69

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5785MHz

11/10/2019



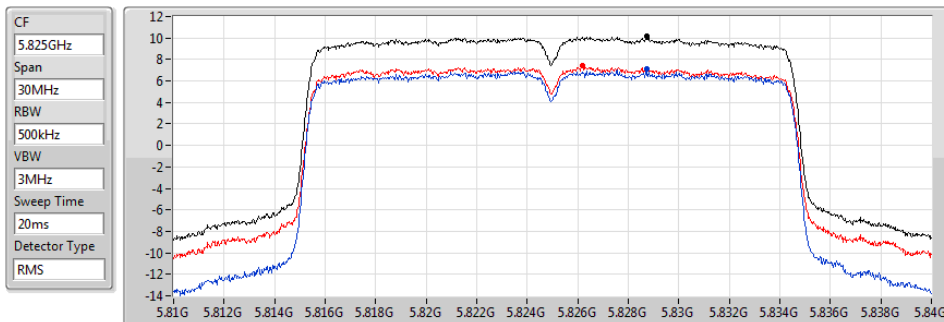
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.13	10.13	6.79	7.64

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5825MHz

11/10/2019



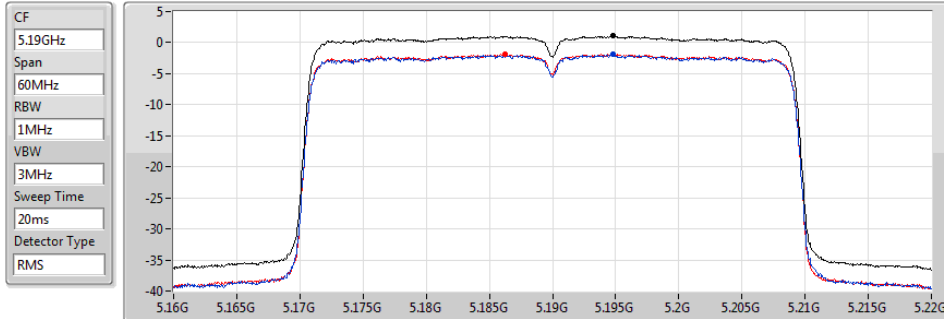
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.18	10.18	7.09	7.43

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5190MHz

09/10/2019



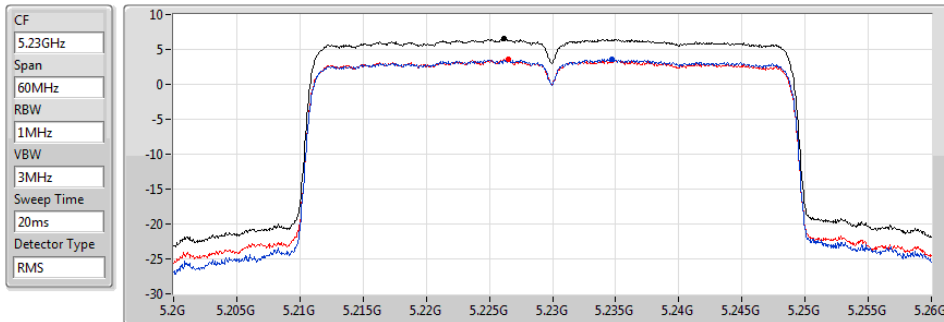
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.07	1.07	-1.90	-1.77

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5230MHz

09/10/2019



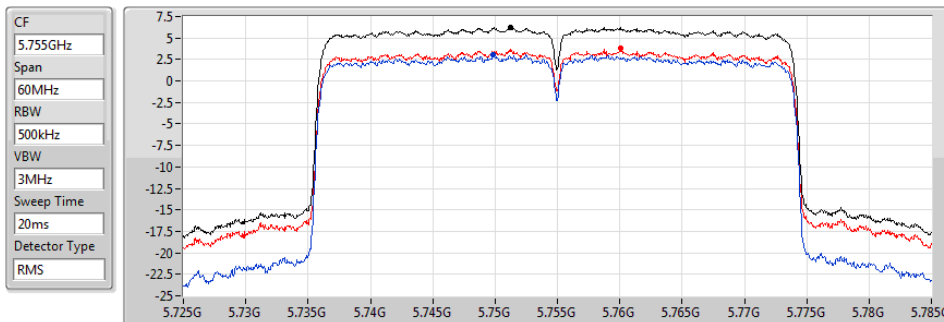
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.49	6.49	3.63	3.54

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5755MHz

11/10/2019



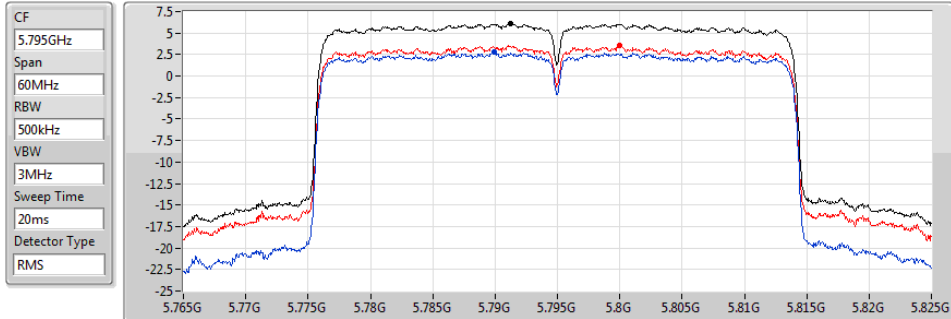
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.28	6.28	3.09	3.80

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5795MHz

09/10/2019



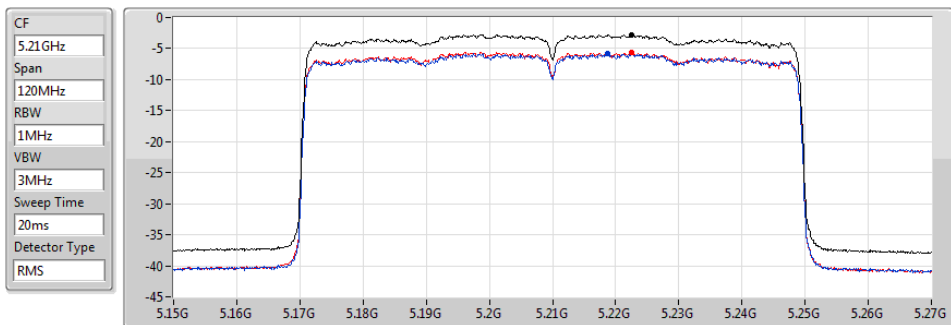
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.06	6.06	2.74	3.54

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5210MHz

09/10/2019



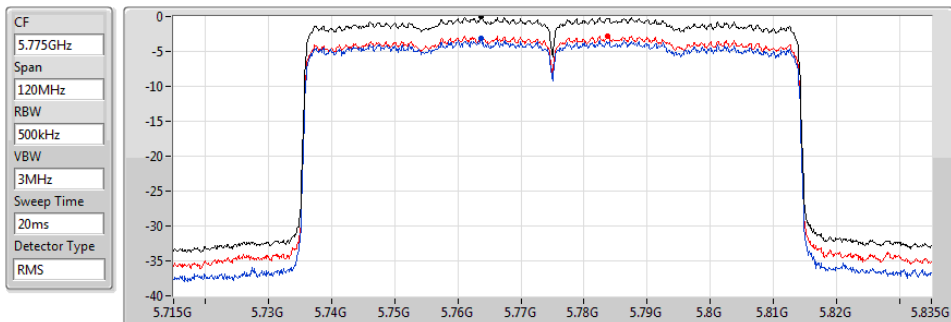
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.76	-2.76	-5.78	-5.65

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5775MHz

11/10/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.03	-0.03	-3.15	-2.80

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	5.78
802.11ac VHT20_Nss1,(MCS0)_4TX	5.56
802.11ac VHT40_Nss1,(MCS0)_4TX	5.70
802.11ac VHT80_Nss1,(MCS0)_4TX	-3.17
802.11ax HEW20_Nss1,(MCS0)_4TX	5.77
802.11ax HEW40_Nss1,(MCS0)_4TX	5.87
802.11ax HEW80_Nss1,(MCS0)_4TX	-2.97
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	11.12
802.11ac VHT20_Nss1,(MCS0)_4TX	10.31
802.11ac VHT40_Nss1,(MCS0)_4TX	7.67
802.11ac VHT80_Nss1,(MCS0)_4TX	-0.32
802.11ax HEW20_Nss1,(MCS0)_4TX	10.23
802.11ax HEW40_Nss1,(MCS0)_4TX	7.36
802.11ax HEW80_Nss1,(MCS0)_4TX	-0.37

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	16.72	-0.61	-0.42	0.45	-0.14	5.76	6.28
5200MHz	Pass	16.72	-0.46	-0.13	-0.00	-0.22	5.74	6.28
5240MHz	Pass	16.72	0.10	-0.05	0.22	-1.08	5.78	6.28
5745MHz	Pass	16.72	4.35	5.32	6.05	5.18	11.12	19.28
5785MHz	Pass	16.72	3.94	5.02	5.46	4.59	10.69	19.28
5825MHz	Pass	16.72	4.30	4.98	5.38	4.39	10.61	19.28
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	16.72	-0.78	-0.71	0.37	-0.48	5.56	6.28
5200MHz	Pass	16.72	-0.65	-0.58	-0.24	-0.32	5.46	6.28
5240MHz	Pass	16.72	-0.27	-0.33	0.09	-1.36	5.49	6.28
5745MHz	Pass	16.72	3.90	4.48	4.84	4.21	10.31	19.28
5785MHz	Pass	16.72	3.71	4.60	4.37	4.26	10.22	19.28
5825MHz	Pass	16.72	4.30	4.71	4.66	3.83	10.20	19.28
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	16.72	-5.26	-5.11	-5.77	-5.38	0.59	6.28
5230MHz	Pass	16.72	0.24	0.16	-0.59	-0.83	5.70	6.28
5755MHz	Pass	16.72	1.01	1.44	0.97	1.30	7.08	19.28
5795MHz	Pass	16.72	1.45	2.34	1.19	1.80	7.67	19.28
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	16.72	-8.97	-9.07	-9.30	-9.13	-3.17	6.28
5775MHz	Pass	16.72	-6.35	-5.64	-6.60	-6.19	-0.32	19.28
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	16.72	-0.73	-0.66	0.70	-0.07	5.72	6.28
5200MHz	Pass	16.72	-0.56	-0.38	0.32	-0.12	5.77	6.28
5240MHz	Pass	16.72	-0.07	-0.35	0.26	-1.00	5.68	6.28
5745MHz	Pass	16.72	3.86	4.35	4.76	4.25	10.23	19.28
5785MHz	Pass	16.72	3.66	4.39	4.19	4.05	10.01	19.28
5825MHz	Pass	16.72	4.18	4.55	4.53	3.64	10.17	19.28
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	16.72	-5.36	-5.27	-5.75	-5.37	0.50	6.28
5230MHz	Pass	16.72	0.40	0.36	-0.49	-0.54	5.87	6.28
5755MHz	Pass	16.72	1.04	1.32	0.75	1.36	7.06	19.28
5795MHz	Pass	16.72	1.36	1.98	1.00	1.65	7.36	19.28
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	16.72	-8.85	-8.85	-9.01	-9.02	-2.97	6.28
5775MHz	Pass	16.72	-6.41	-5.63	-6.74	-6.43	-0.37	19.28

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

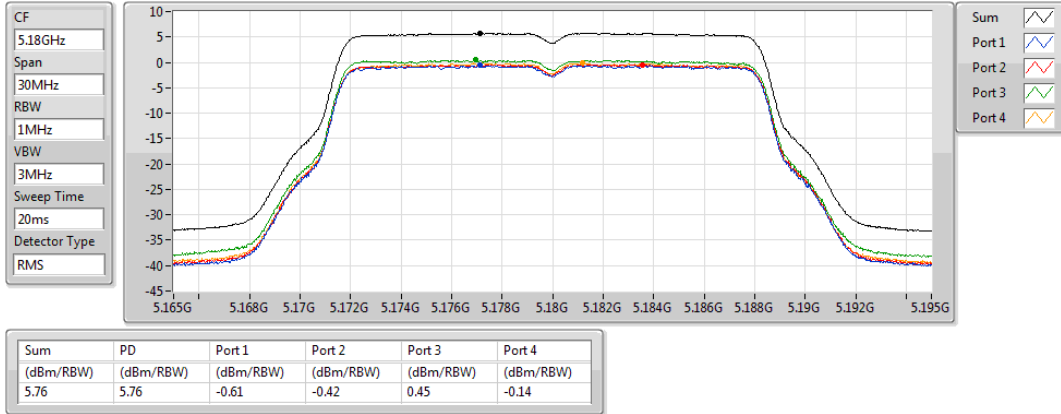
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5180MHz

11/10/2019

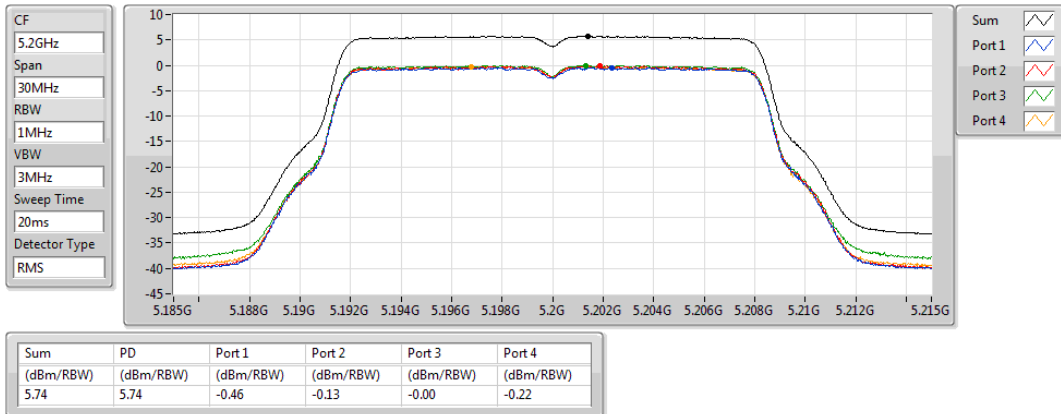


802.11a_Nss1,(6Mbps)_4TX

PSD

5200MHz

11/10/2019

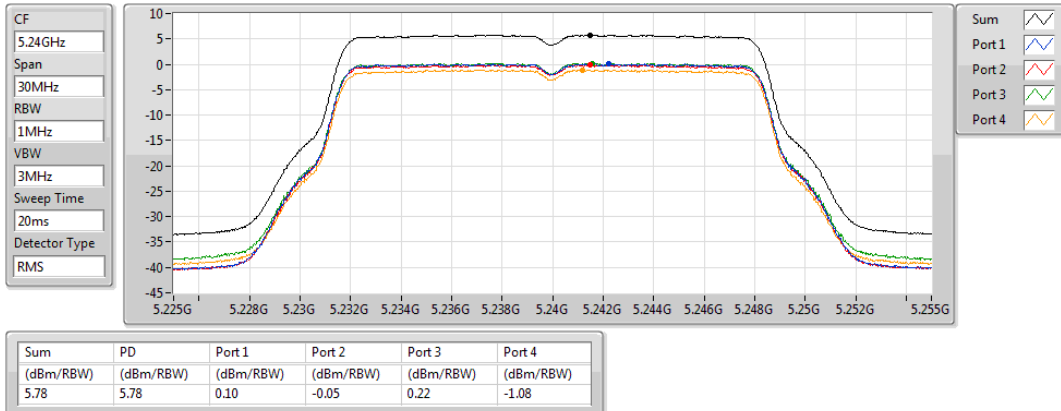


802.11a_Nss1,(6Mbps)_4TX

PSD

5240MHz

11/10/2019

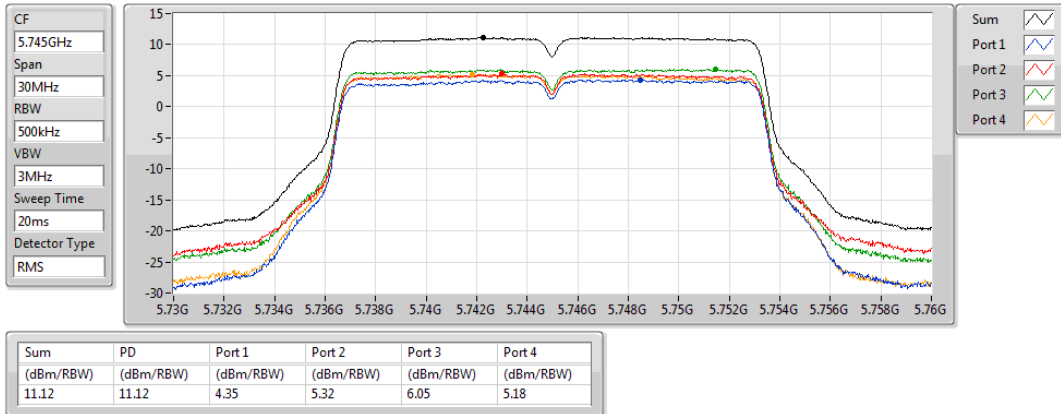


802.11a_Nss1,(6Mbps)_4TX

5745MHz

PSD

11/10/2019

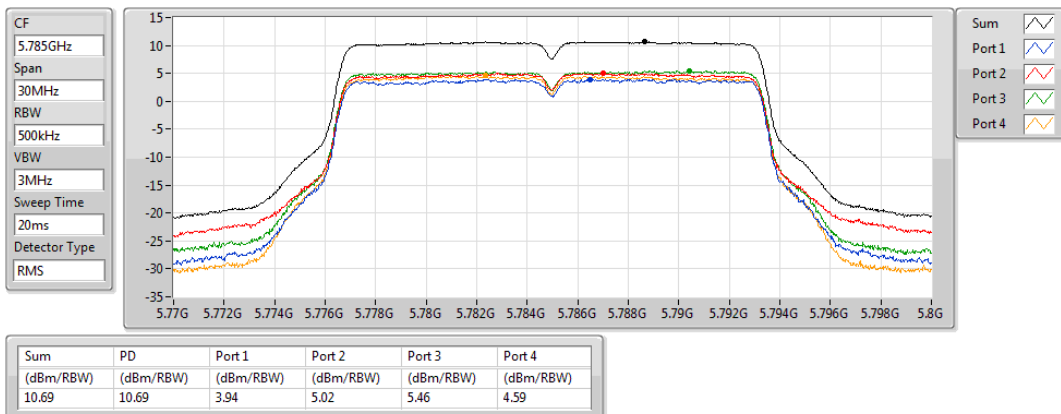


802.11a_Nss1,(6Mbps)_4TX

5785MHz

PSD

11/10/2019

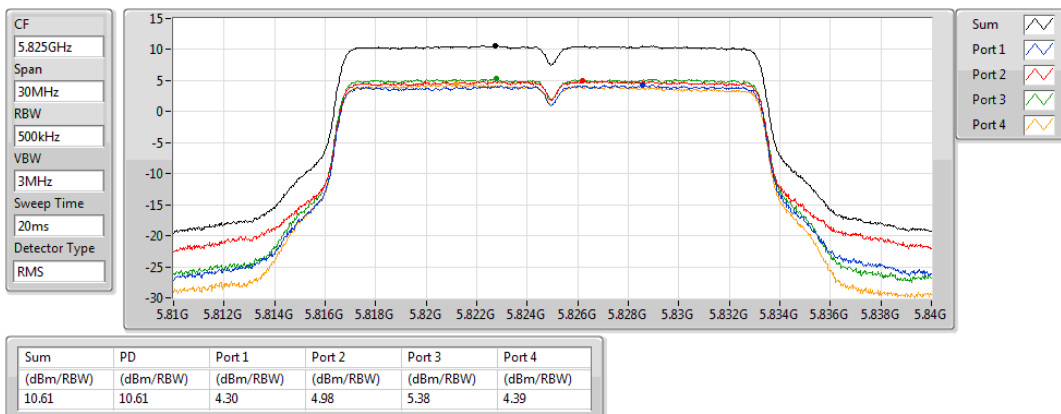


802.11a_Nss1,(6Mbps)_4TX

5825MHz

PSD

11/10/2019

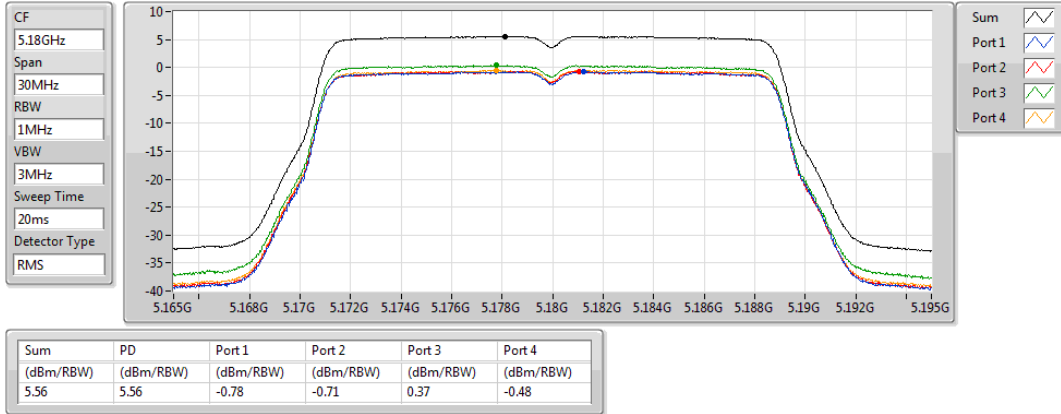


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5180MHz

11/10/2019

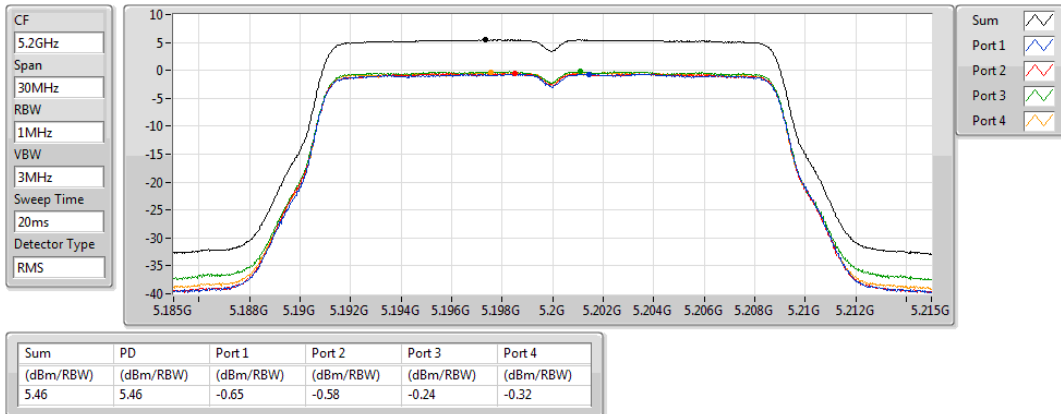


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5200MHz

11/10/2019

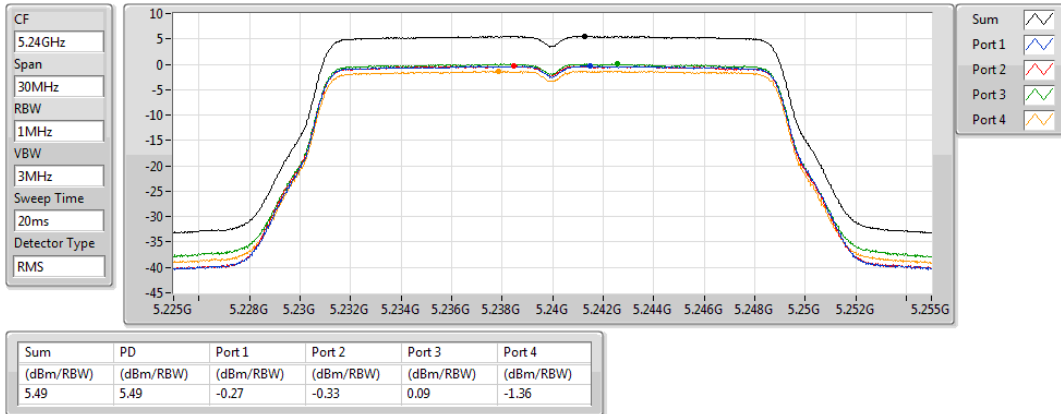


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5240MHz

11/10/2019

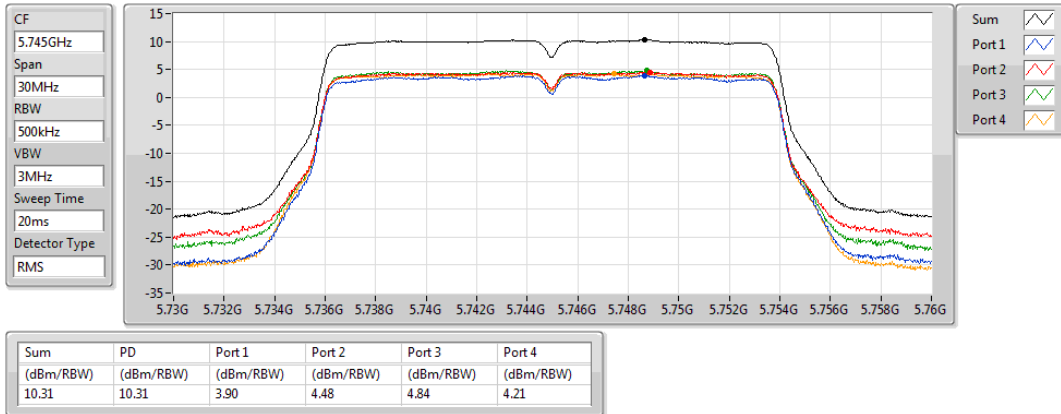


802.11ac VHT20_Nss1,(MCS0)_4TX

5745MHz

PSD

11/10/2019

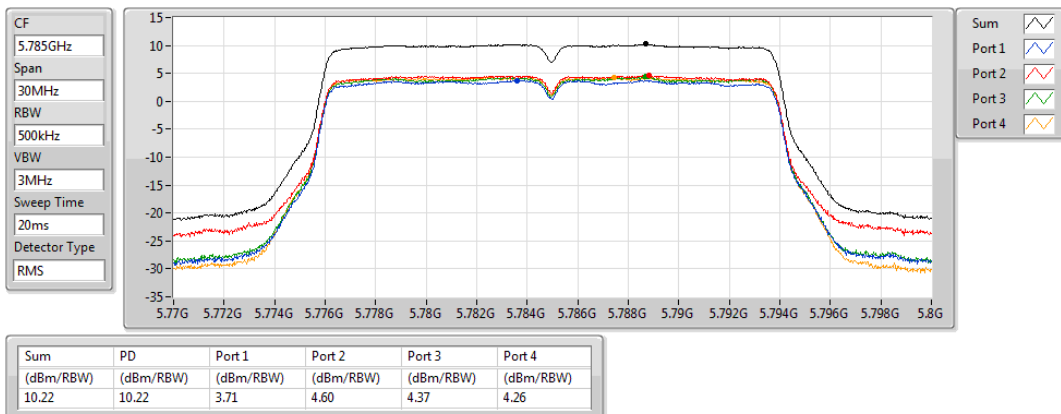


802.11ac VHT20_Nss1,(MCS0)_4TX

5785MHz

PSD

11/10/2019

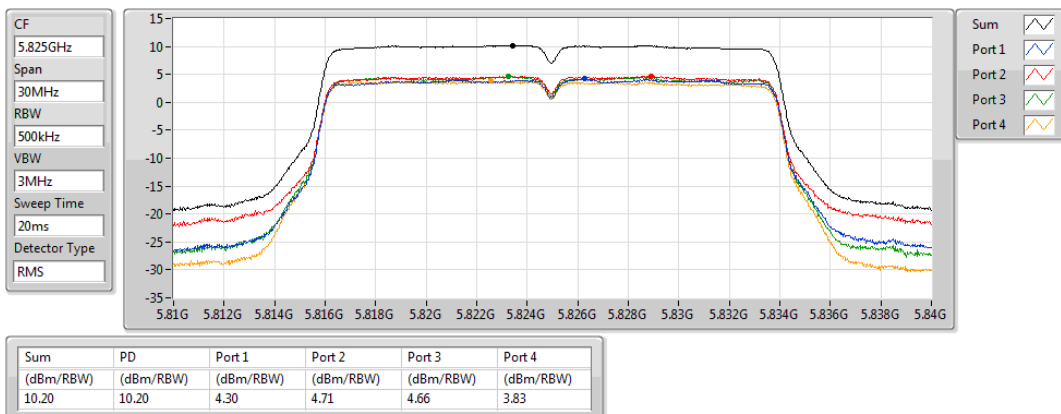


802.11ac VHT20_Nss1,(MCS0)_4TX

5825MHz

PSD

11/10/2019

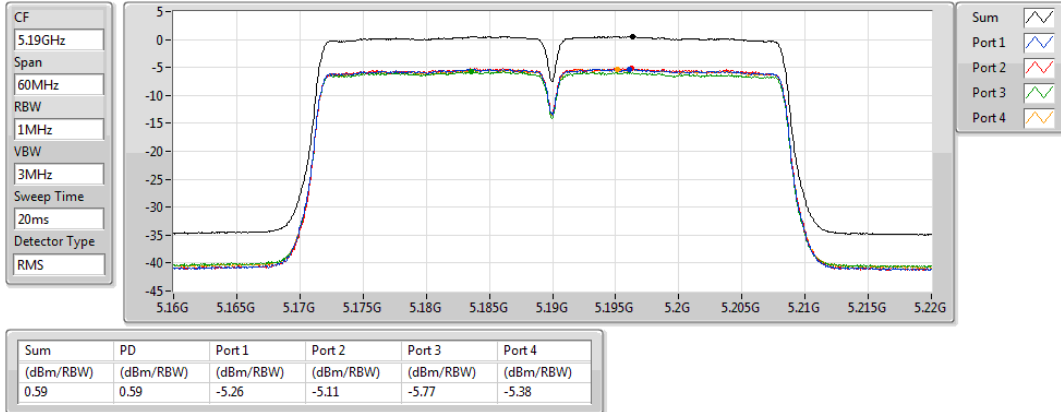


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5190MHz

11/10/2019

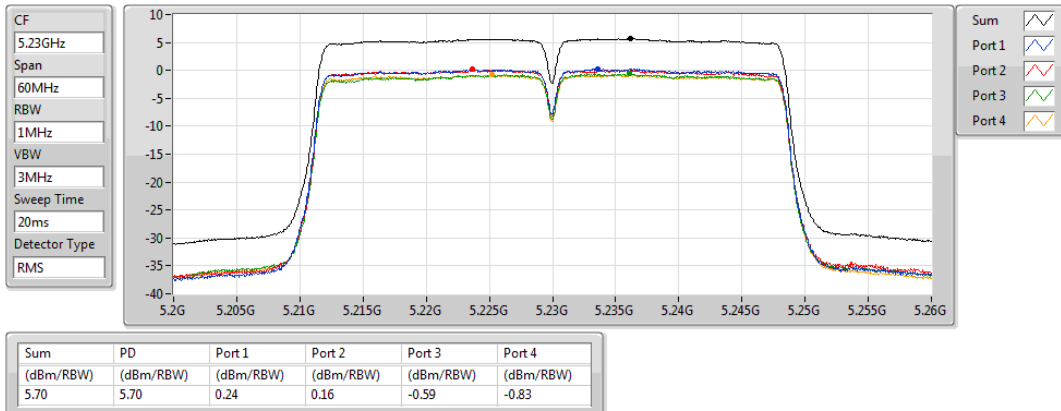


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5230MHz

11/10/2019

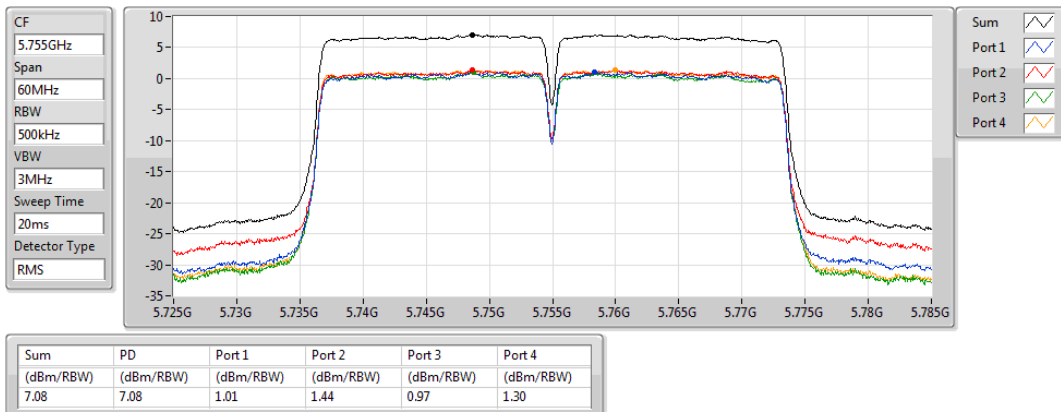


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5755MHz

11/10/2019



802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5795MHz

11/10/2019

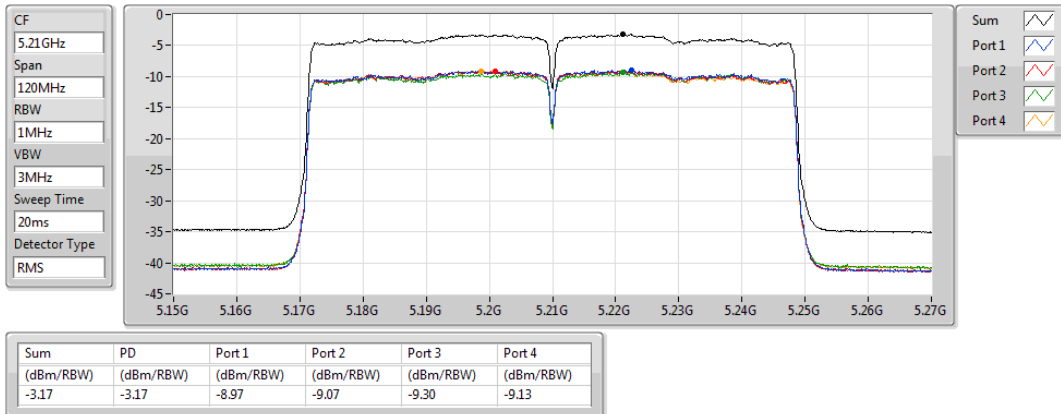


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5210MHz

11/10/2019

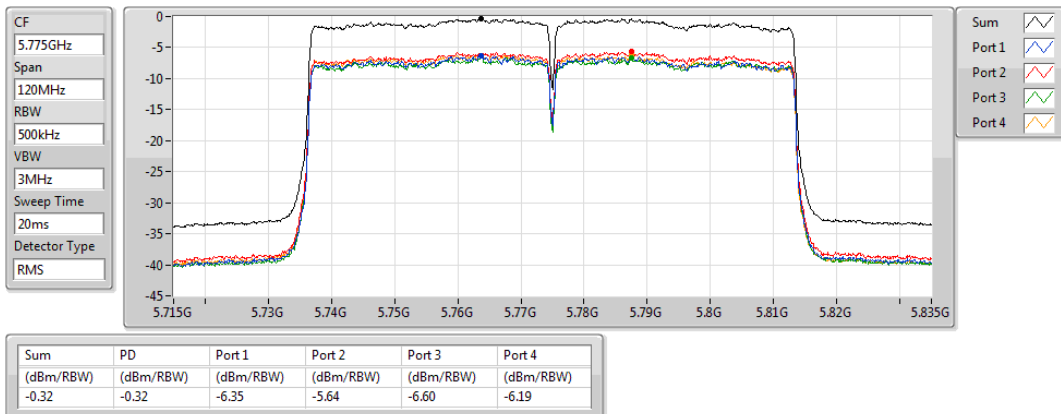


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5775MHz

11/10/2019

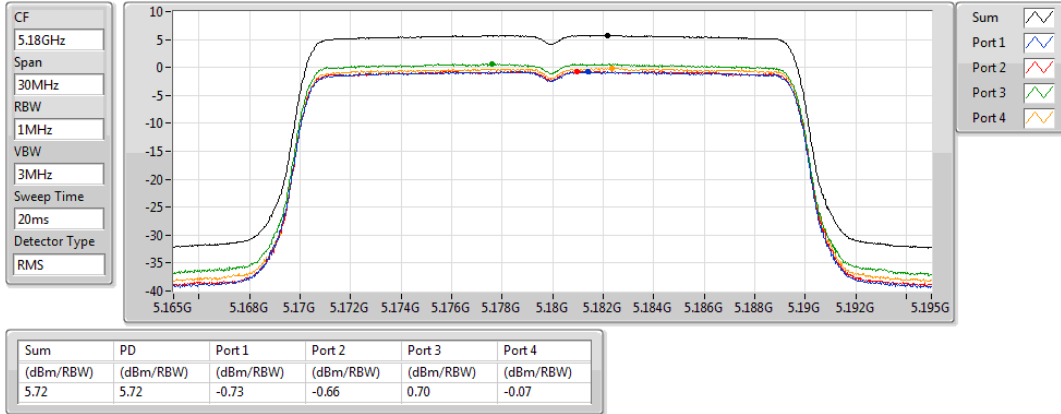


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5180MHz

11/10/2019

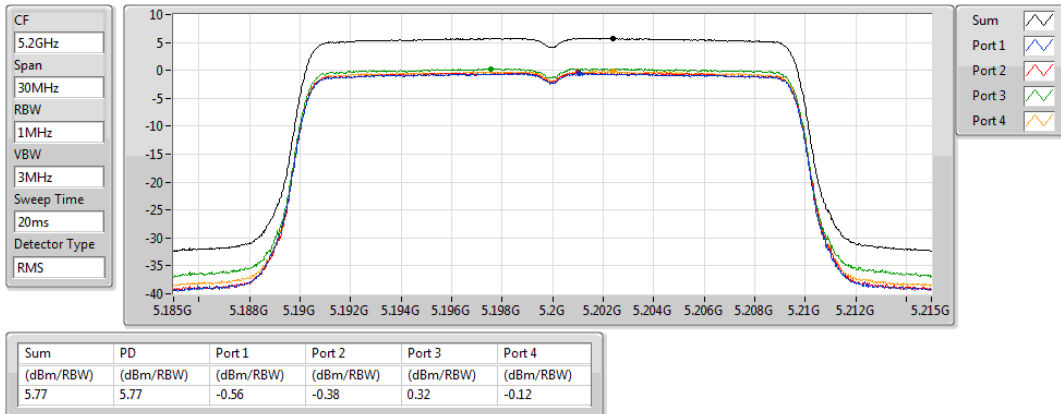


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5200MHz

11/10/2019

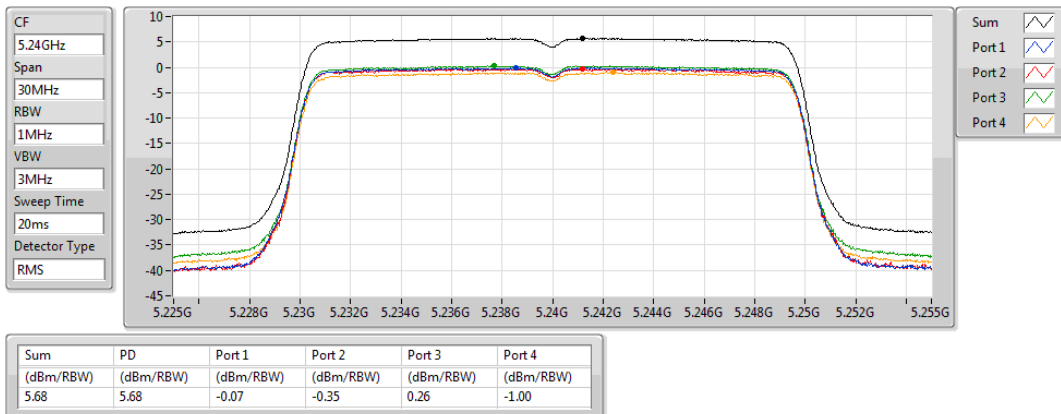


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5240MHz

11/10/2019

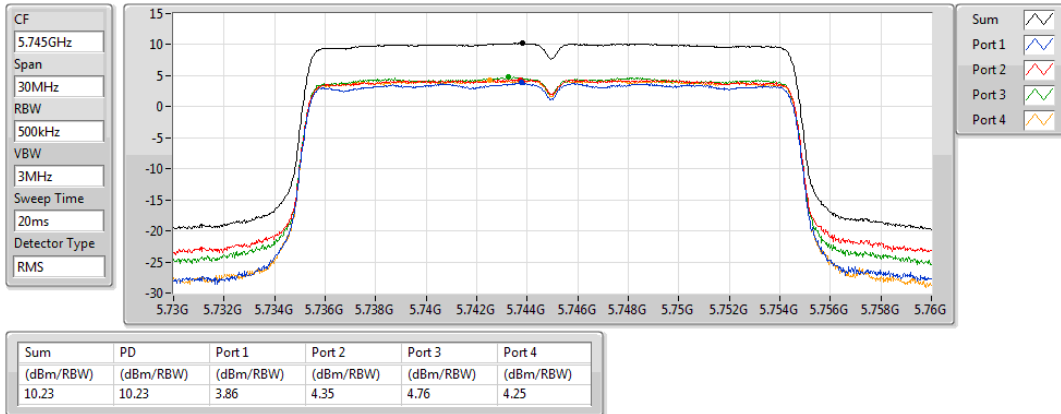


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5745MHz

11/10/2019

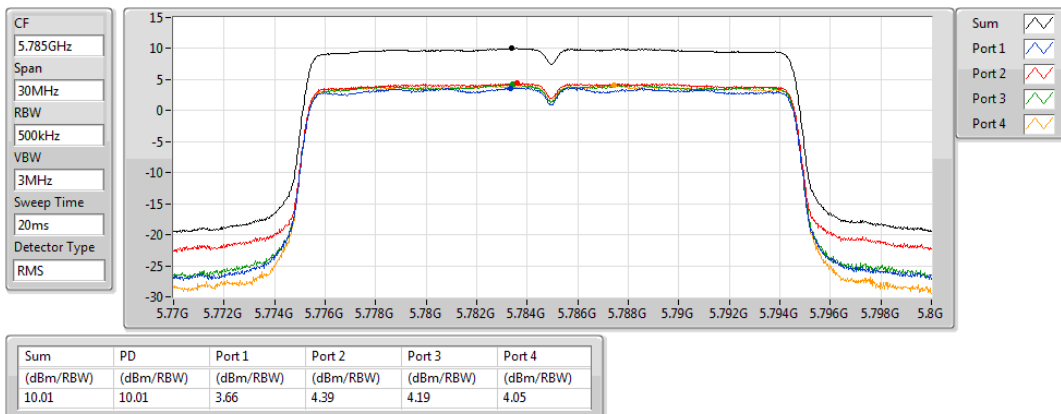


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5785MHz

11/10/2019

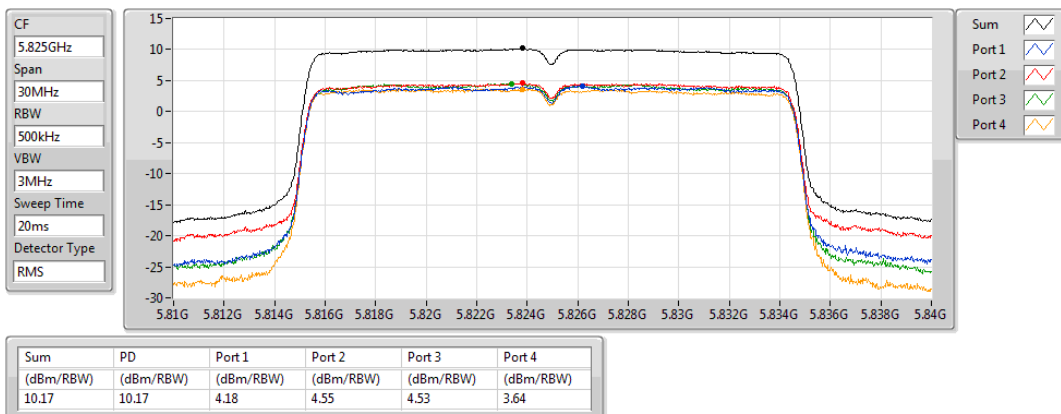


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5825MHz

11/10/2019

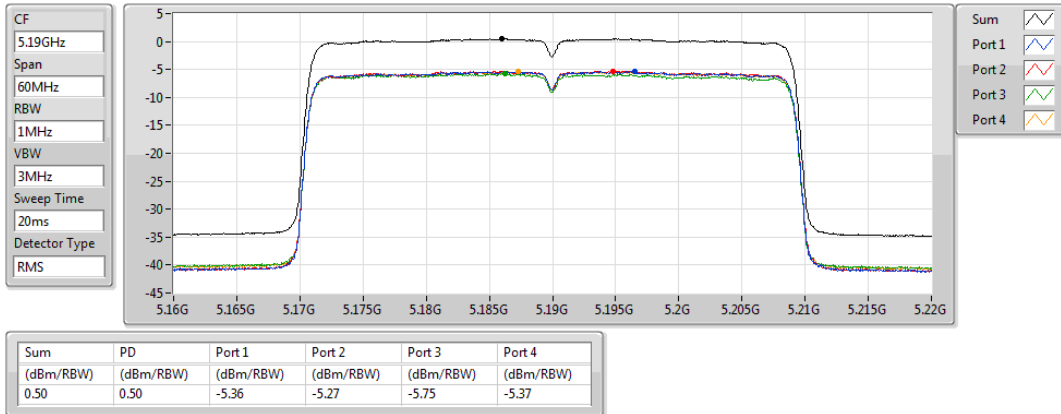


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5190MHz

11/10/2019

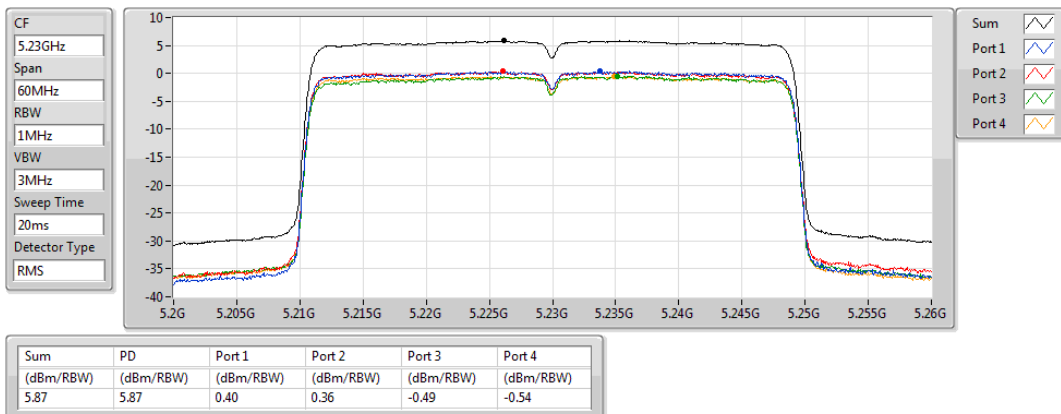


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5230MHz

11/10/2019

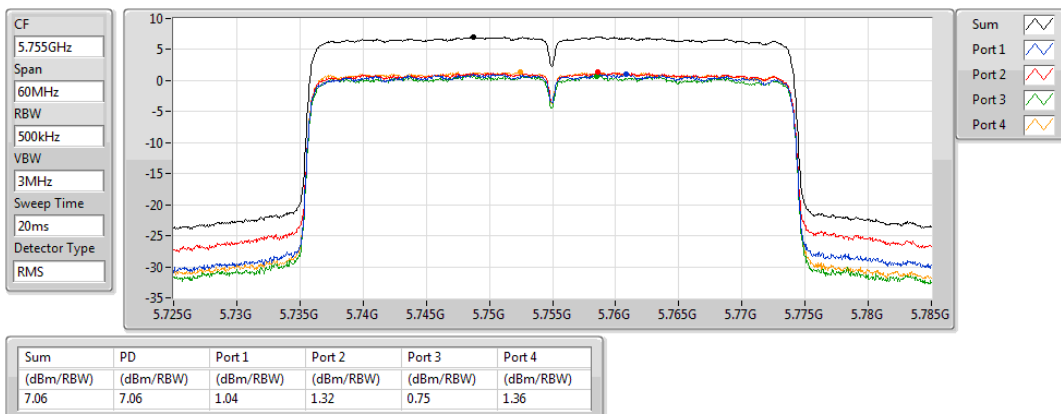


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5755MHz

11/10/2019

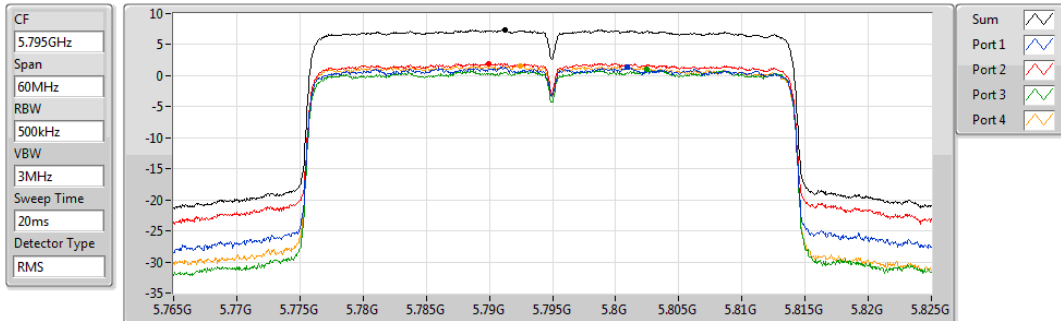


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5795MHz

11/10/2019



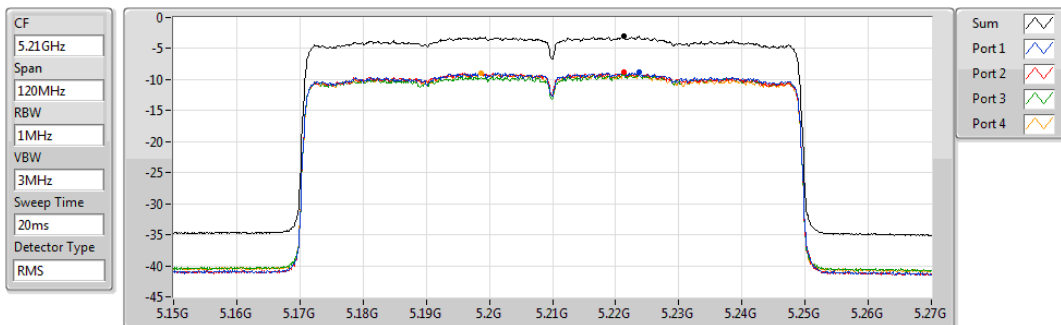
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.36	7.36	1.36	1.98	1.00	1.65

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5210MHz

11/10/2019



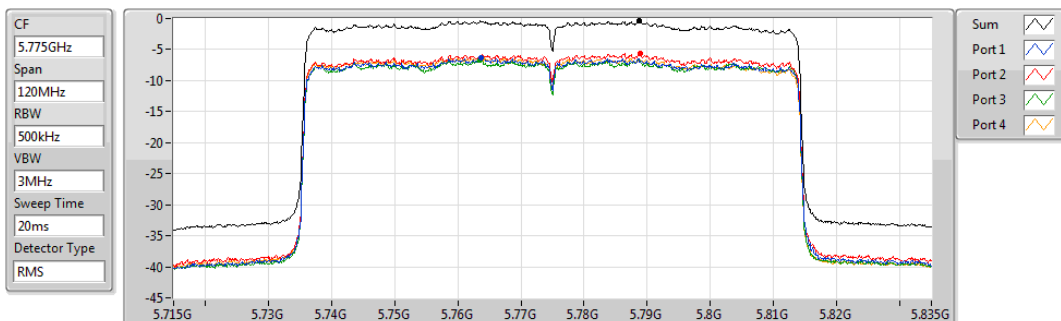
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.97	-2.97	-8.85	-8.85	-9.01	-9.02

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5775MHz

11/10/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.37	-0.37	-6.41	-5.63	-6.74	-6.43

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	5.44
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	2.79
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-2.57
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	5.82
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	2.97
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-2.40
5.725-5.85GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	4.01
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	1.51
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-1.43
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.58
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	1.71
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-1.30

RBW = 500 kHz 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)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	16.72	-1.09	-0.96	0.02	-0.01	5.44	6.28
5200MHz	Pass	16.72	-0.98	-1.01	-0.26	-0.08	5.29	6.28
5240MHz	Pass	16.72	-0.70	-0.95	-0.46	-0.71	5.25	6.28
5745MHz	Pass	16.72	-2.36	-2.32	-1.84	-1.13	3.99	19.28
5785MHz	Pass	16.72	-1.90	-2.13	-2.13	-1.37	4.01	19.28
5825MHz	Pass	16.72	-1.68	-2.03	-2.24	-1.67	3.96	19.28
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	16.72	-5.04	-5.23	-4.92	-4.40	0.97	6.28
5230MHz	Pass	16.72	-3.03	-3.30	-3.10	-2.98	2.79	6.28
5755MHz	Pass	16.72	-4.57	-4.74	-4.27	-3.75	1.51	19.28
5795MHz	Pass	16.72	-4.30	-4.60	-4.84	-3.89	1.48	19.28
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	16.72	-8.70	-8.65	-8.11	-8.22	-2.57	6.28
5775MHz	Pass	16.72	-7.28	-7.58	-7.29	-6.64	-1.43	19.28
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	16.72	-1.10	-0.52	0.36	0.41	5.76	6.28
5200MHz	Pass	16.72	-0.72	-0.38	0.21	0.41	5.82	6.28
5240MHz	Pass	16.72	-0.17	-0.37	0.08	-0.13	5.78	6.28
5745MHz	Pass	16.72	-2.00	-1.65	-1.19	-0.55	4.58	19.28
5785MHz	Pass	16.72	-1.63	-1.94	-1.92	-1.02	4.28	19.28
5825MHz	Pass	16.72	-1.39	-1.63	-1.97	-1.47	4.28	19.28
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	16.72	-5.05	-4.88	-4.45	-4.14	1.25	6.28
5230MHz	Pass	16.72	-2.92	-2.91	-2.94	-2.76	2.97	6.28
5755MHz	Pass	16.72	-4.57	-4.30	-4.16	-3.49	1.67	19.28
5795MHz	Pass	16.72	-4.01	-4.29	-4.56	-3.58	1.71	19.28
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	16.72	-8.65	-8.68	-7.96	-8.08	-2.40	6.28
5775MHz	Pass	16.72	-7.39	-7.71	-7.16	-6.34	-1.30	19.28

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

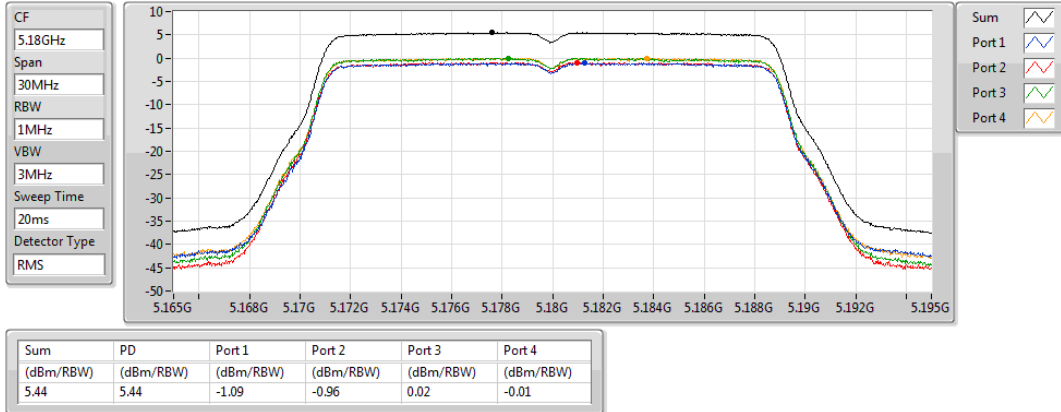
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5180MHz

14/10/2019

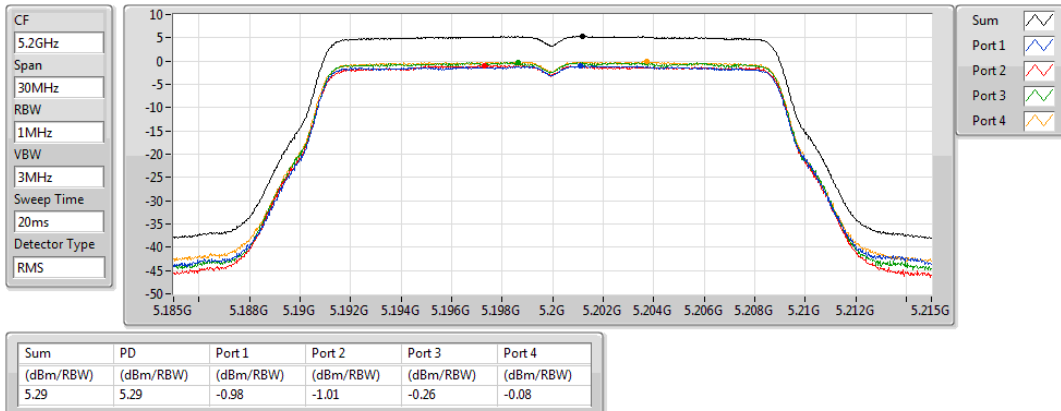


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5200MHz

14/10/2019

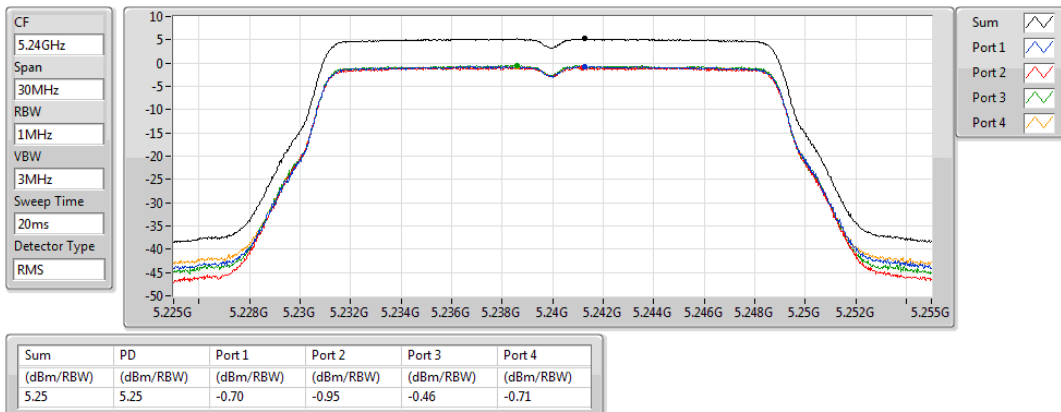


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5240MHz

14/10/2019

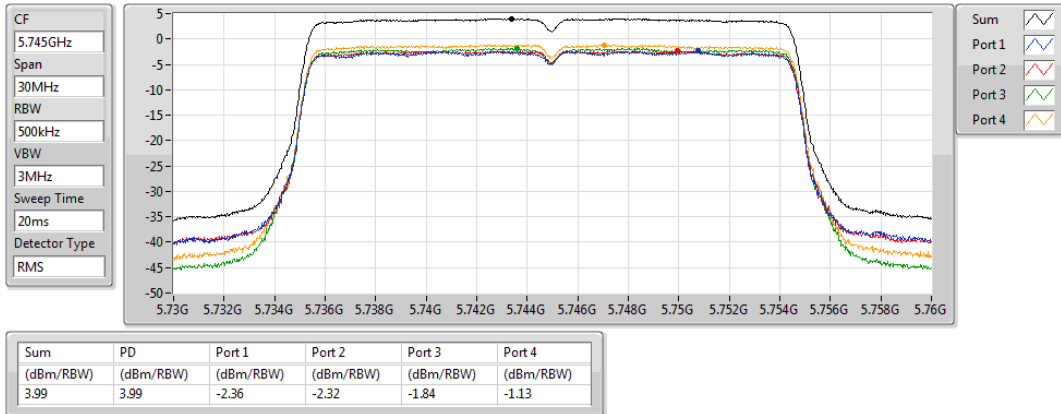


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5745MHz

PSD

14/10/2019

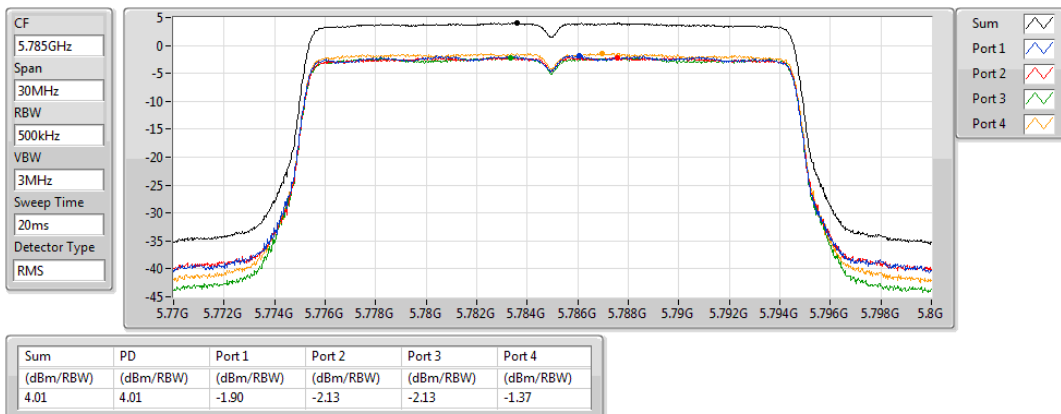


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5785MHz

PSD

14/10/2019

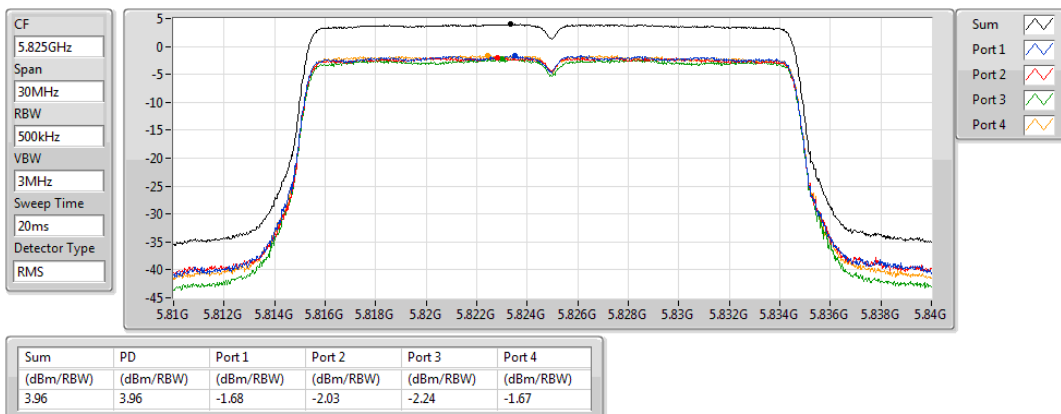


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5825MHz

PSD

14/10/2019

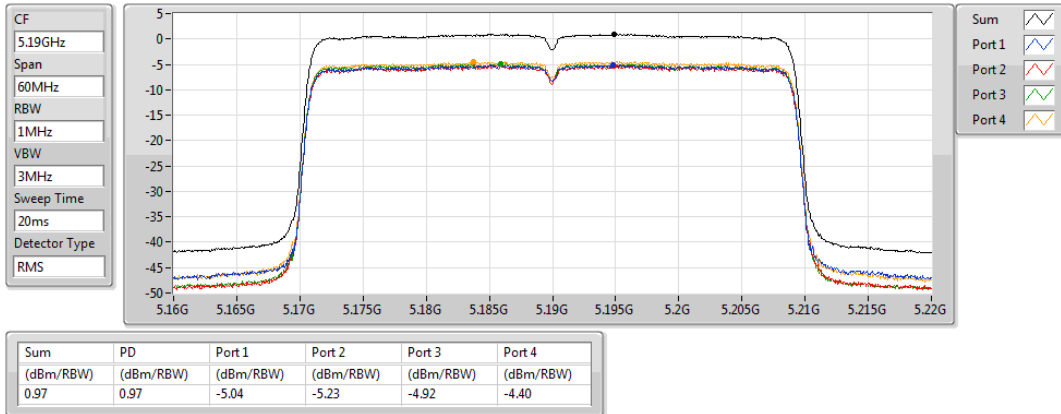


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5190MHz

14/10/2019

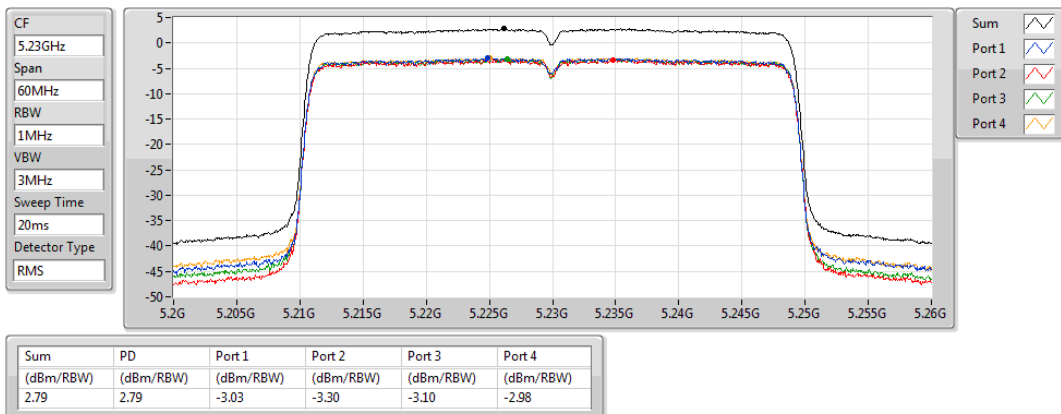


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5230MHz

14/10/2019

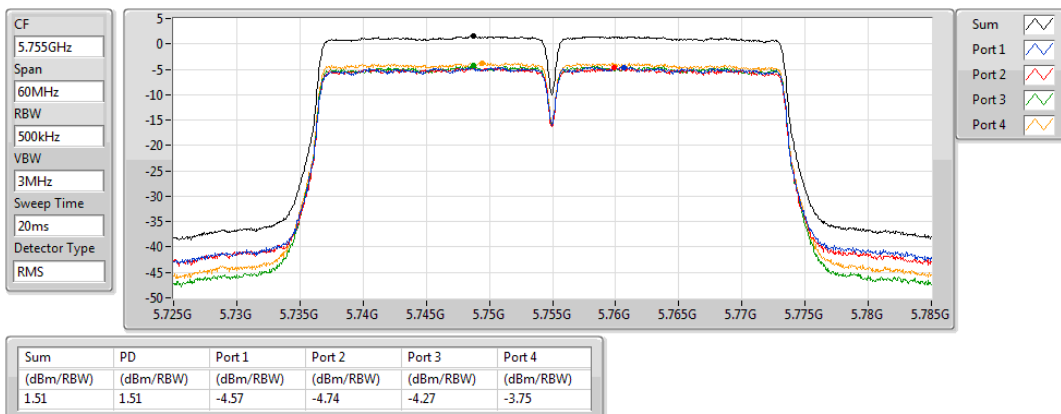


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5755MHz

14/10/2019

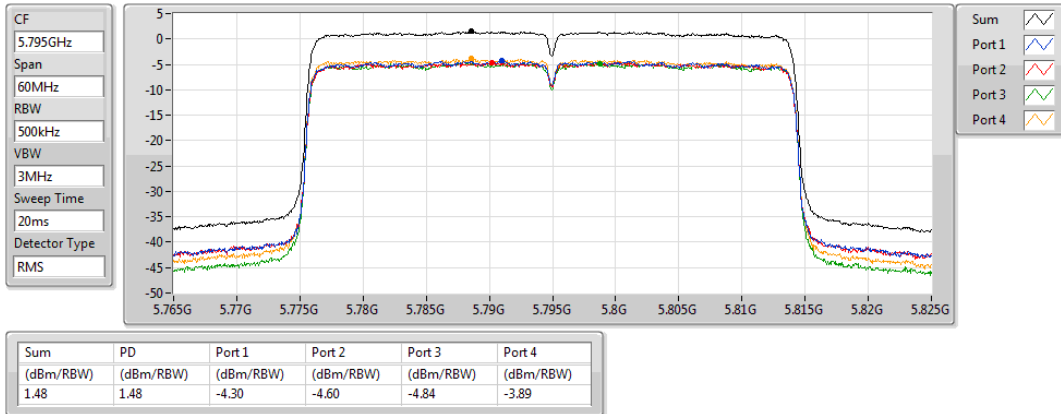


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5795MHz

14/10/2019

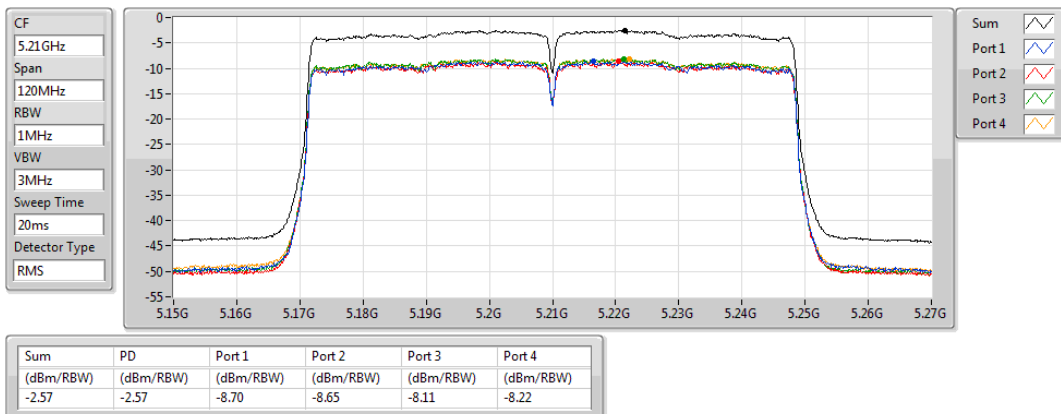


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5210MHz

14/10/2019

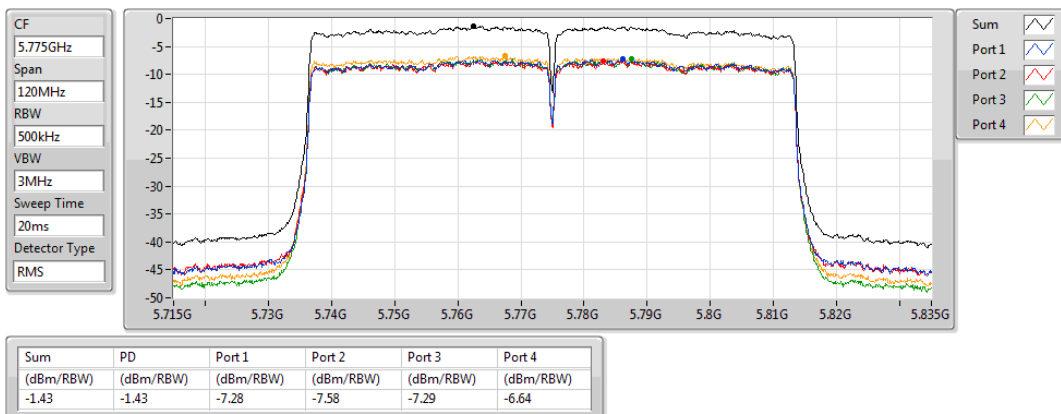


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5775MHz

14/10/2019



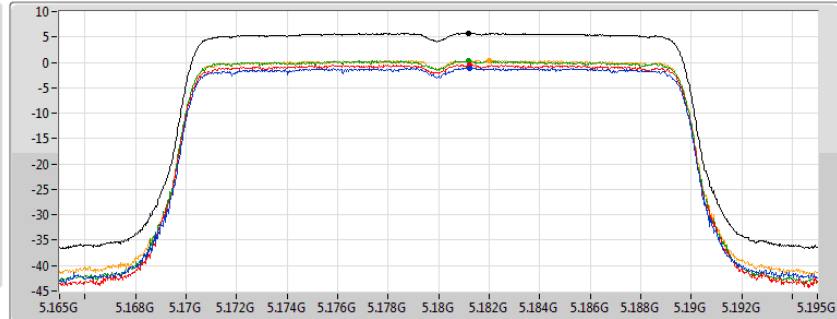
802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5180MHz

14/10/2019

CF
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.76	5.76	-1.10	-0.52	0.36	0.41

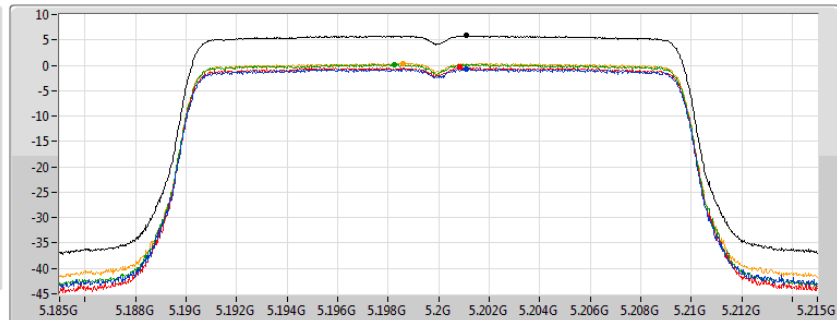
802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5200MHz

14/10/2019

CF
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.82	5.82	-0.72	-0.38	0.21	0.41

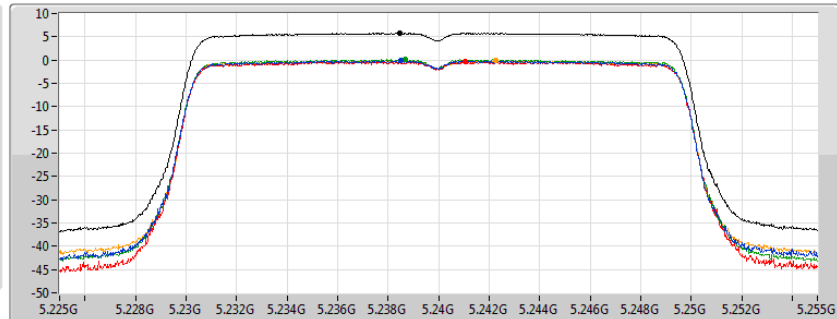
802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5240MHz

14/10/2019

CF
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

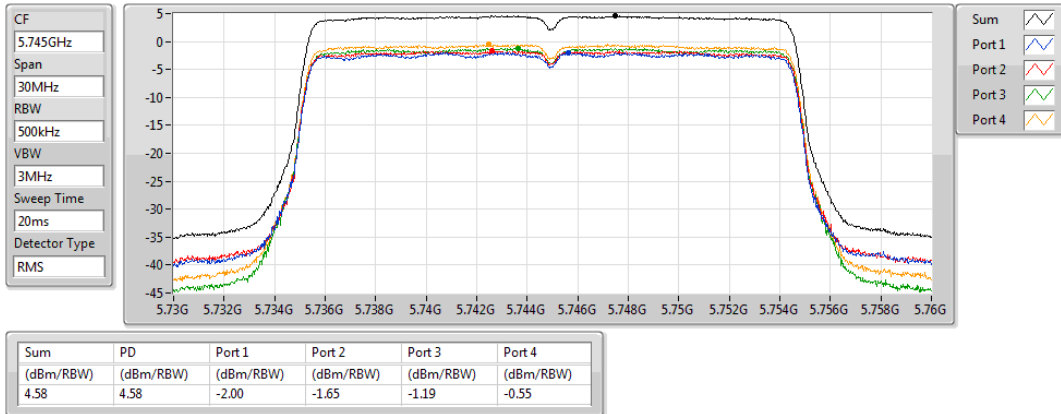
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.78	5.78	-0.17	-0.37	0.08	-0.13

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz

PSD

14/10/2019

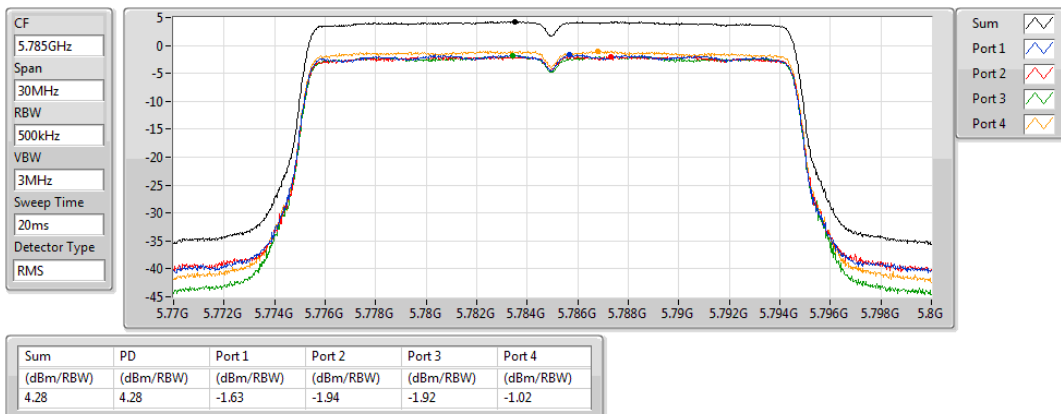


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz

PSD

14/10/2019

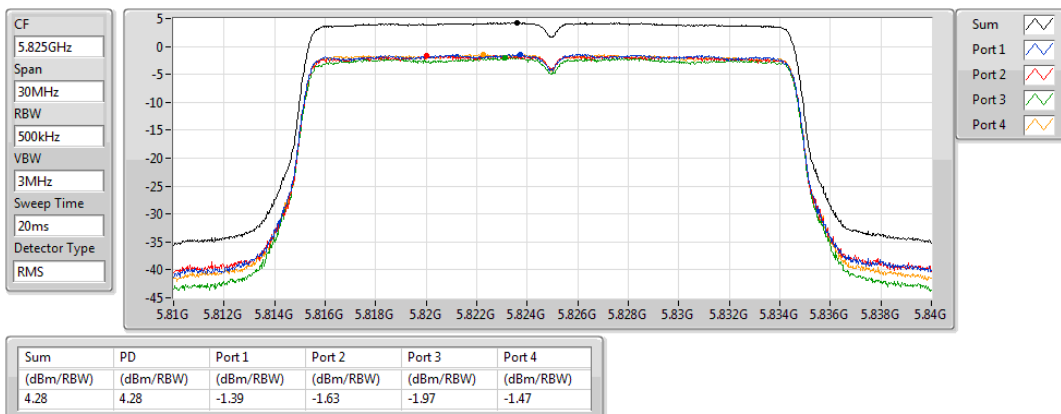


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5825MHz

PSD

14/10/2019

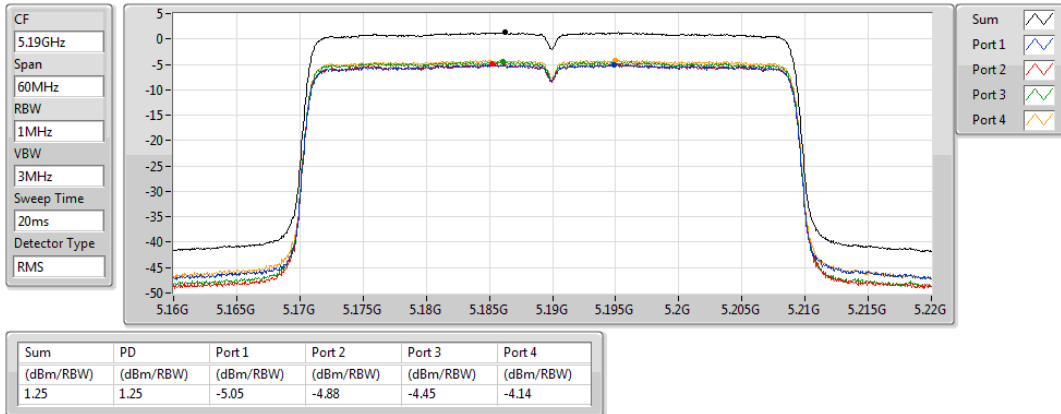


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5190MHz

PSD

14/10/2019

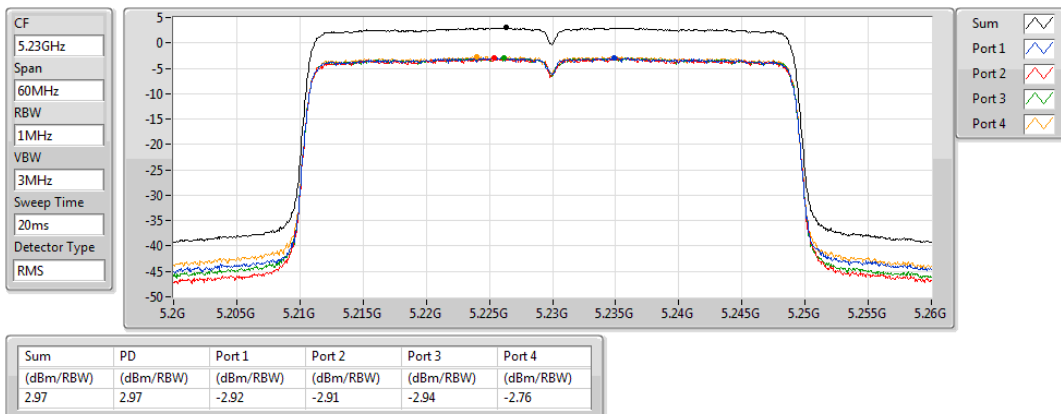


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5230MHz

PSD

14/10/2019

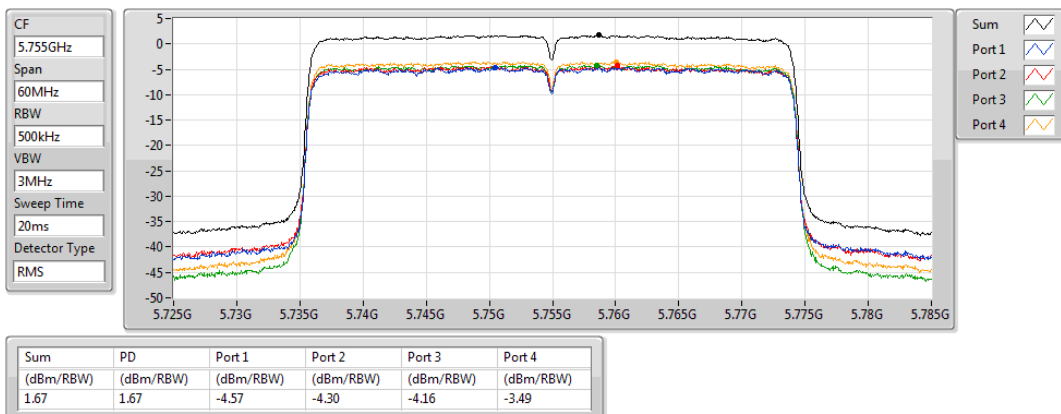


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5755MHz

PSD

14/10/2019

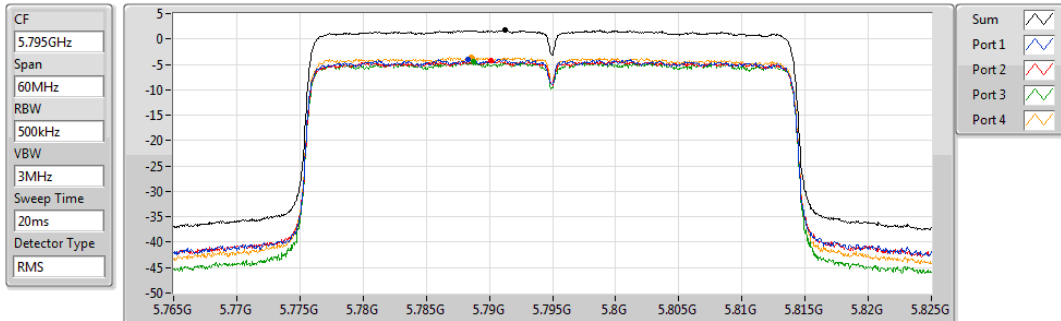


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5795MHz

14/10/2019



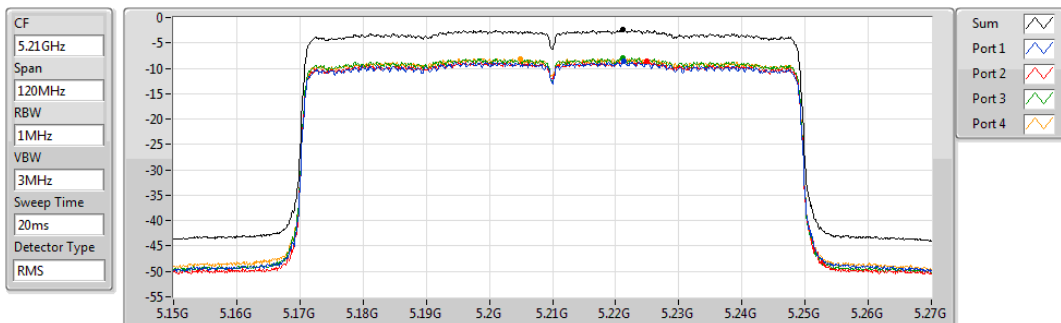
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.71	1.71	-4.01	-4.29	-4.56	-3.58

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5210MHz

14/10/2019



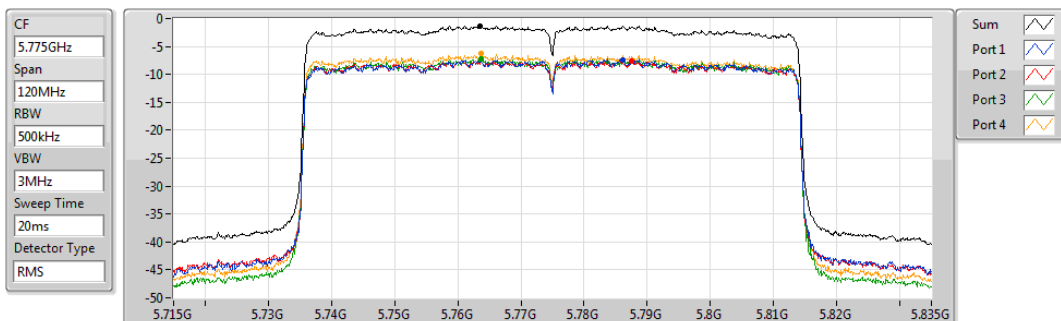
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.40	-2.40	-8.65	-8.68	-7.96	-8.08

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5775MHz

14/10/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.30	-1.30	-7.39	-7.71	-7.16	-6.34

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT20_Nss4,(MCS0)_4TX	11.76
802.11ac VHT40_Nss4,(MCS0)_4TX	7.10
802.11ac VHT80_Nss4,(MCS0)_4TX	-1.97
802.11ax HEW20_Nss4,(MCS0)_4TX	11.78
802.11ax HEW40_Nss4,(MCS0)_4TX	7.32
802.11ax HEW80_Nss4,(MCS0)_4TX	-2.08
5.725-5.85GHz	-
802.11ac VHT20_Nss4,(MCS0)_4TX	10.24
802.11ac VHT40_Nss4,(MCS0)_4TX	7.57
802.11ac VHT80_Nss4,(MCS0)_4TX	0.52
802.11ax HEW20_Nss4,(MCS0)_4TX	10.47
802.11ax HEW40_Nss4,(MCS0)_4TX	7.82
802.11ax HEW80_Nss4,(MCS0)_4TX	0.79

RBW = 500 kHz 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)
802.11ac VHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	10.70	1.07	1.24	2.03	1.10	7.30	12.30
5200MHz	Pass	10.70	5.58	5.62	5.93	5.25	11.47	12.30
5240MHz	Pass	10.70	6.24	5.80	6.41	5.01	11.76	12.30
5745MHz	Pass	10.70	3.90	4.76	4.94	3.85	10.24	25.30
5785MHz	Pass	10.70	3.65	4.60	4.19	4.29	10.08	25.30
5825MHz	Pass	10.70	3.90	4.64	4.58	3.64	10.12	25.30
802.11ac VHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	10.70	-5.04	-4.94	-5.35	-4.76	0.82	12.30
5230MHz	Pass	10.70	1.49	1.44	0.97	0.77	7.10	12.30
5755MHz	Pass	10.70	1.01	1.60	1.16	1.78	7.20	25.30
5795MHz	Pass	10.70	1.21	2.36	1.16	2.00	7.57	25.30
802.11ac VHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	10.70	-7.80	-7.52	-8.09	-8.06	-1.97	12.30
5775MHz	Pass	10.70	-5.35	-4.80	-5.95	-4.88	0.52	25.30
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	10.70	1.21	1.32	2.15	1.17	7.40	12.30
5200MHz	Pass	10.70	5.83	5.88	6.17	5.72	11.78	12.30
5240MHz	Pass	10.70	6.13	5.89	6.39	5.06	11.78	12.30
5745MHz	Pass	10.70	3.97	4.75	4.90	4.63	10.47	25.30
5785MHz	Pass	10.70	3.83	4.74	4.40	4.23	10.21	25.30
5825MHz	Pass	10.70	4.16	5.02	4.65	3.98	10.28	25.30
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	10.70	-4.46	-4.48	-4.64	-4.44	1.33	12.30
5230MHz	Pass	10.70	1.82	1.76	1.04	1.02	7.32	12.30
5755MHz	Pass	10.70	1.89	2.34	1.51	2.02	7.82	25.30
5795MHz	Pass	10.70	1.54	2.34	1.35	2.00	7.63	25.30
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	10.70	-7.89	-7.66	-8.34	-7.98	-2.08	12.30
5775MHz	Pass	10.70	-5.30	-4.42	-5.80	-5.03	0.79	25.30

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

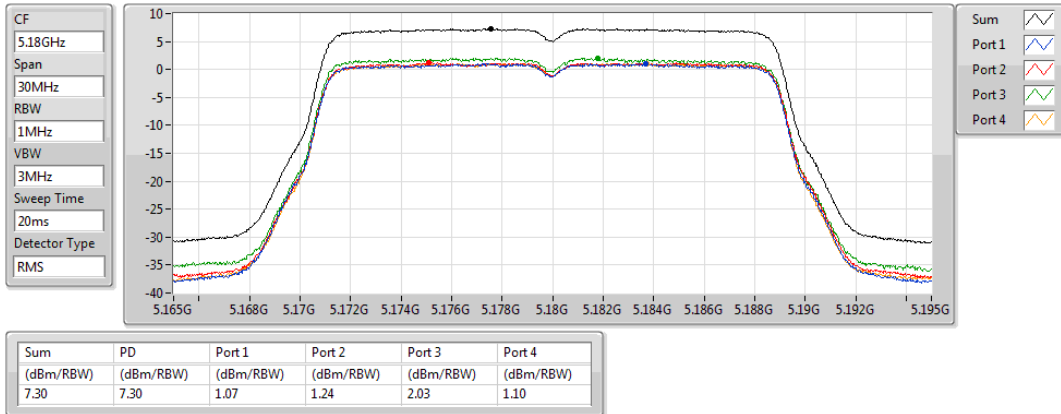
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20_Nss4,(MCS0)_4TX

PSD

5180MHz

12/10/2019

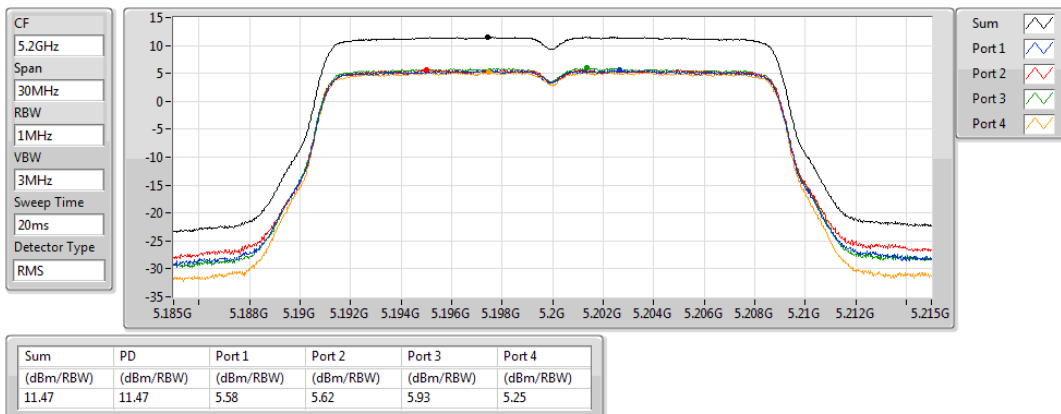


802.11ac VHT20_Nss4,(MCS0)_4TX

PSD

5200MHz

12/10/2019

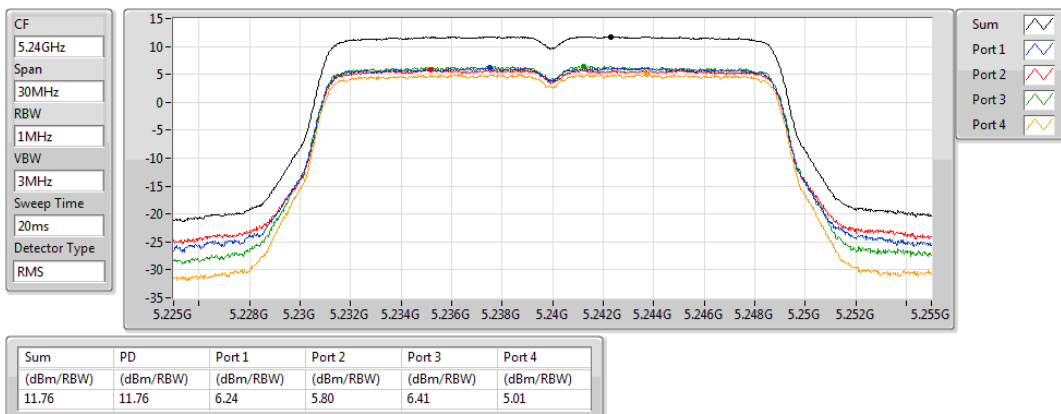


802.11ac VHT20_Nss4,(MCS0)_4TX

PSD

5240MHz

12/10/2019

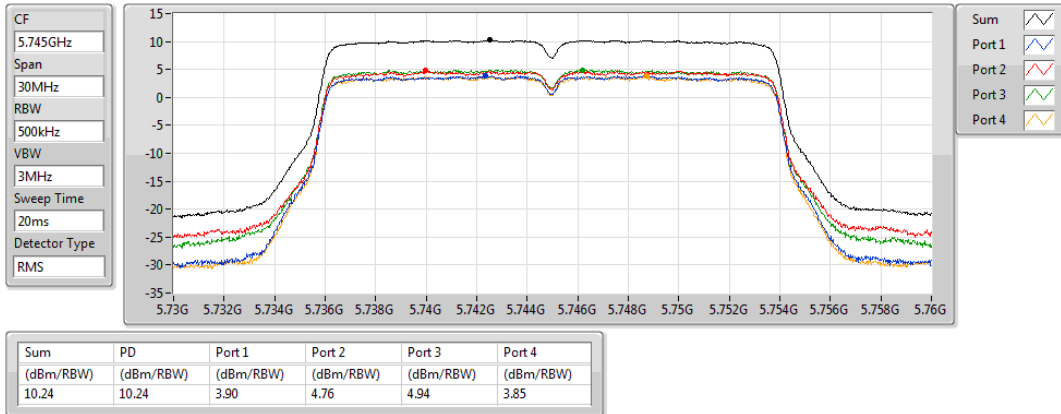


802.11ac VHT20_Nss4,(MCS0)_4TX

5745MHz

PSD

12/10/2019

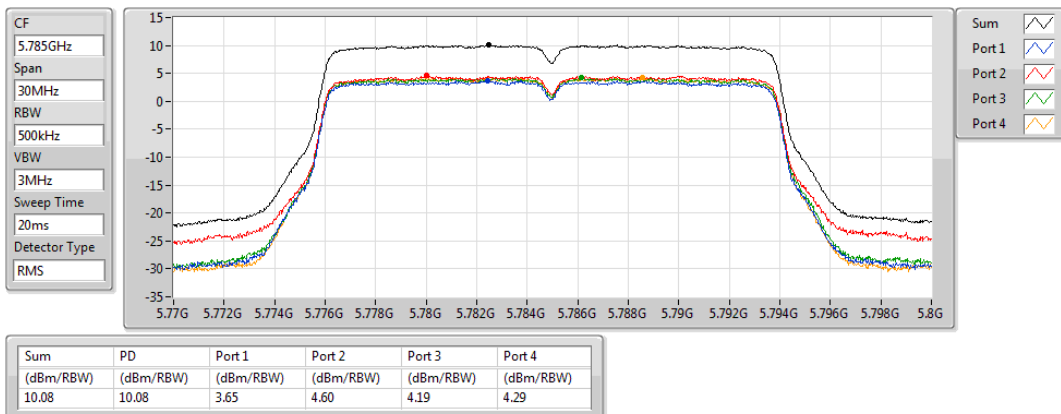


802.11ac VHT20_Nss4,(MCS0)_4TX

5785MHz

PSD

12/10/2019

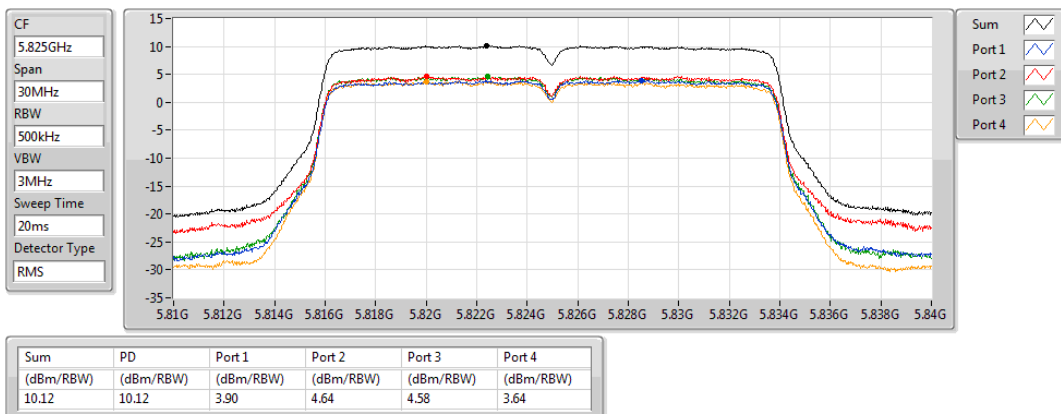


802.11ac VHT20_Nss4,(MCS0)_4TX

5825MHz

PSD

12/10/2019

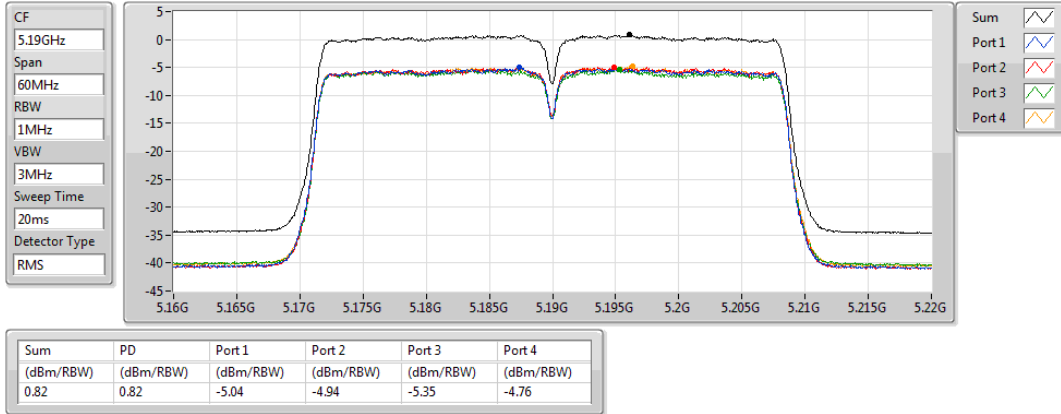


802.11ac VHT40_Nss4,(MCS0)_4TX

PSD

5190MHz

12/10/2019

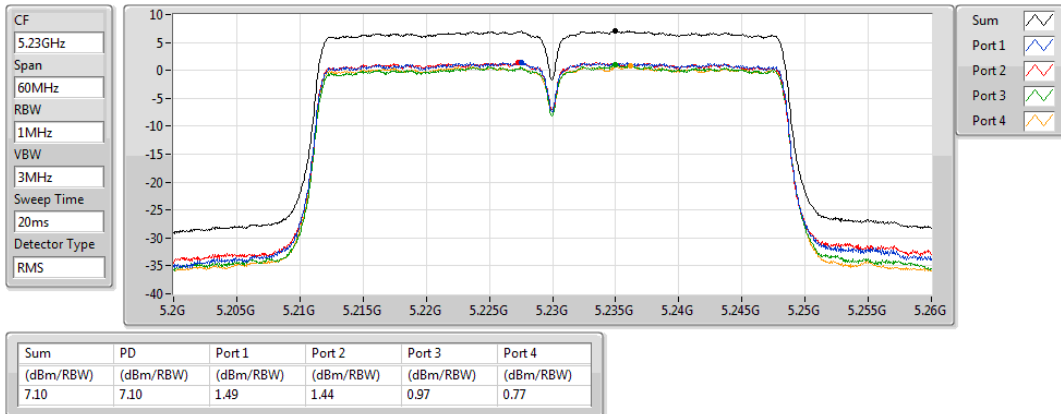


802.11ac VHT40_Nss4,(MCS0)_4TX

PSD

5230MHz

12/10/2019

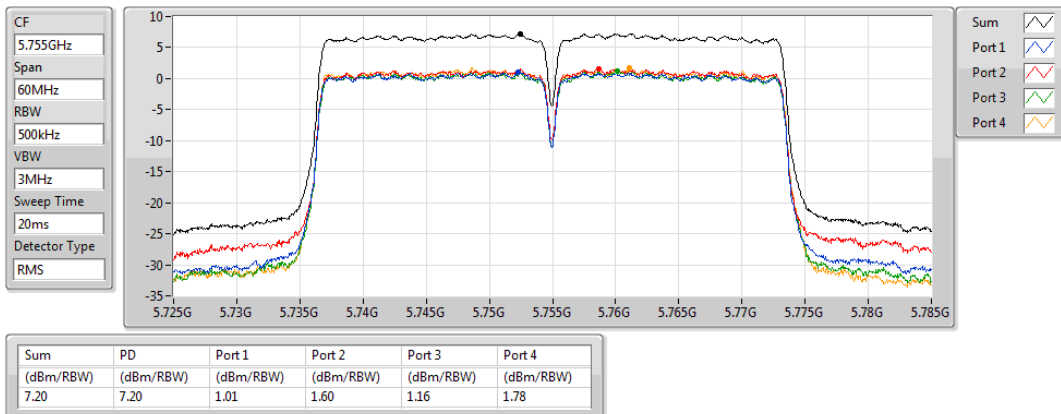


802.11ac VHT40_Nss4,(MCS0)_4TX

PSD

5755MHz

12/10/2019

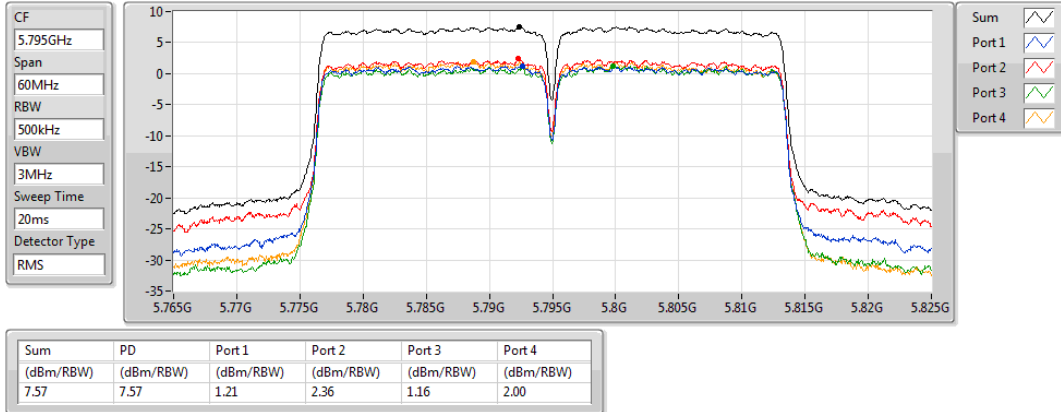


802.11ac VHT40_Nss4,(MCS0)_4TX

PSD

5795MHz

12/10/2019

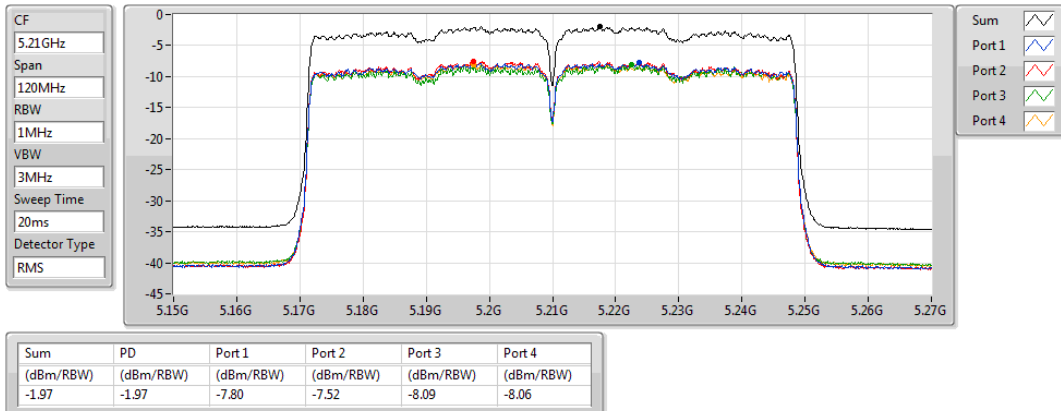


802.11ac VHT80_Nss4,(MCS0)_4TX

PSD

5210MHz

12/10/2019

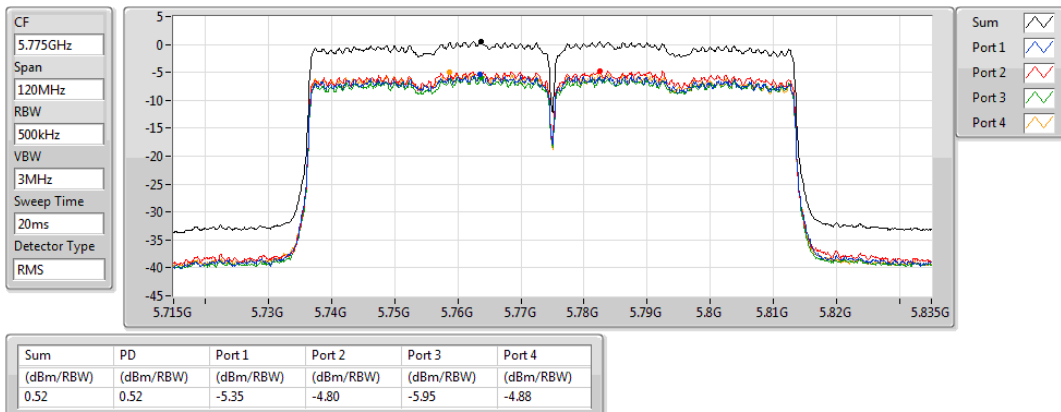


802.11ac VHT80_Nss4,(MCS0)_4TX

PSD

5775MHz

12/10/2019

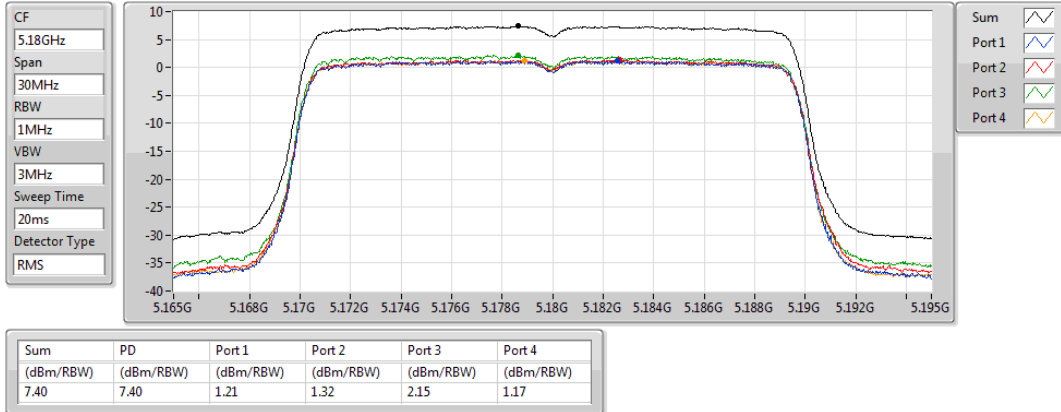


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5180MHz

11/10/2019

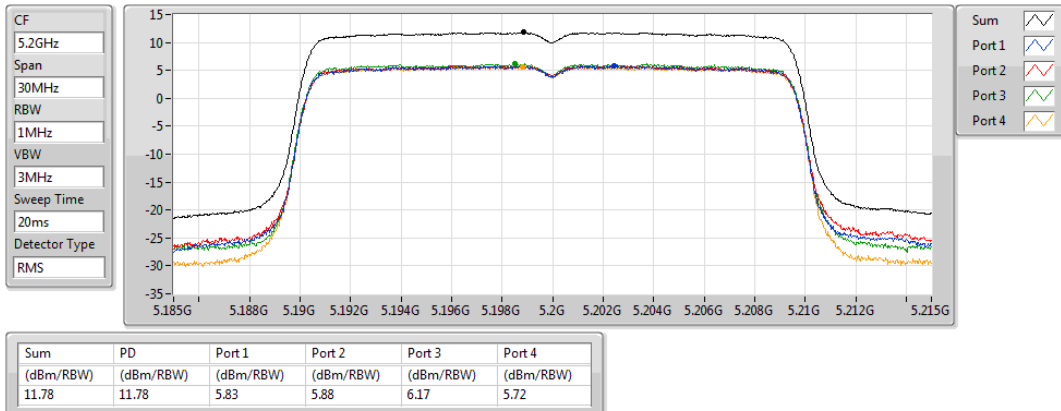


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5200MHz

11/10/2019

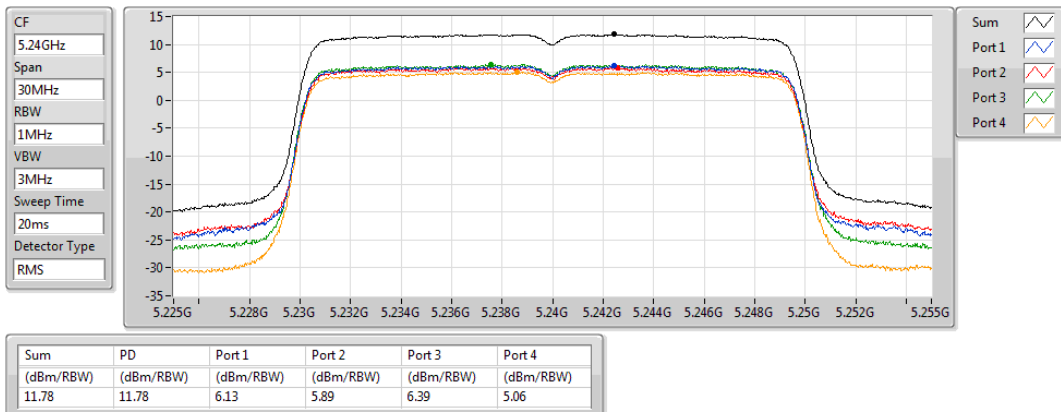


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5240MHz

11/10/2019

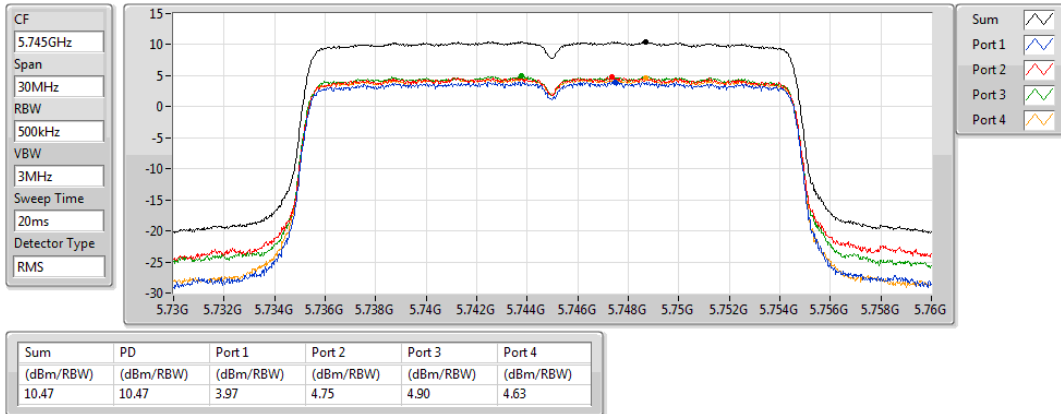


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5745MHz

11/10/2019

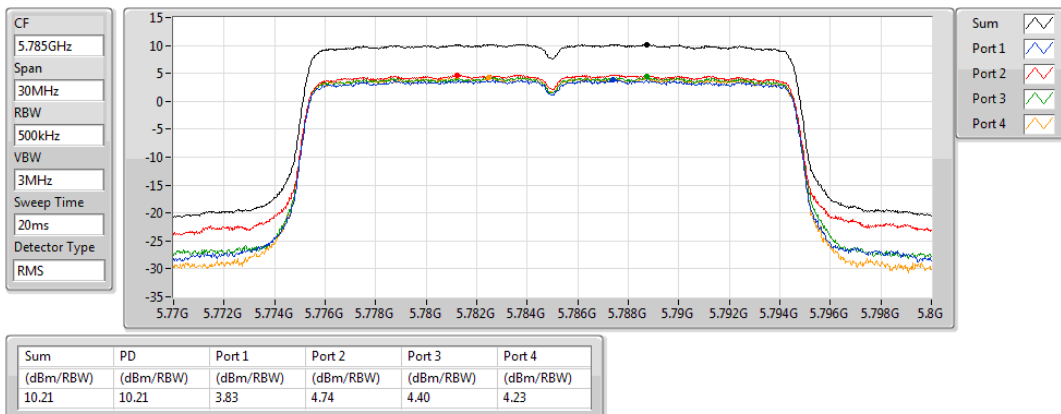


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5785MHz

11/10/2019

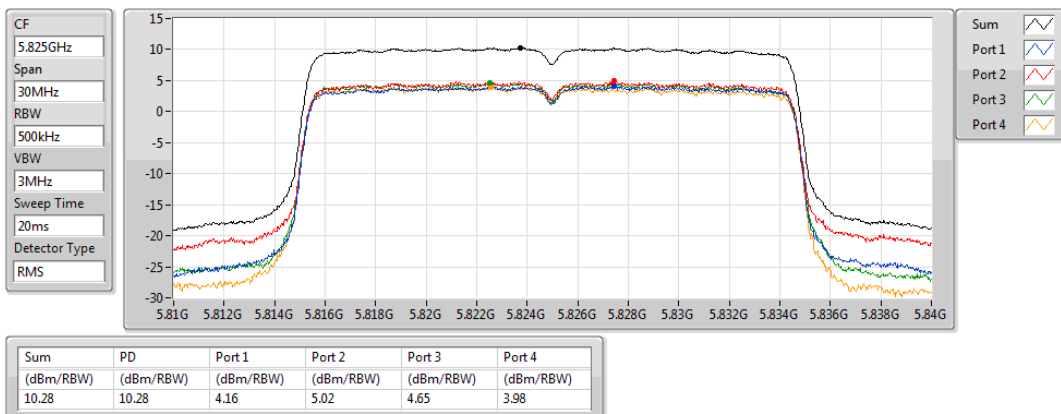


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5825MHz

11/10/2019

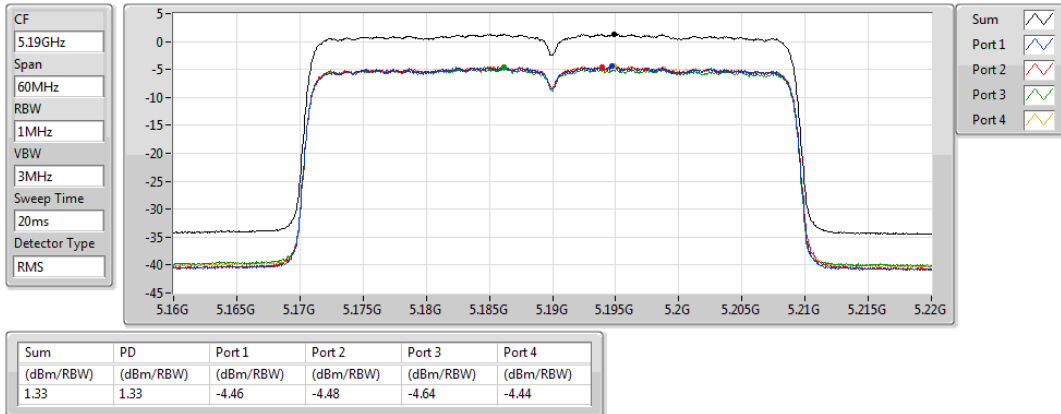


802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5190MHz

11/10/2019

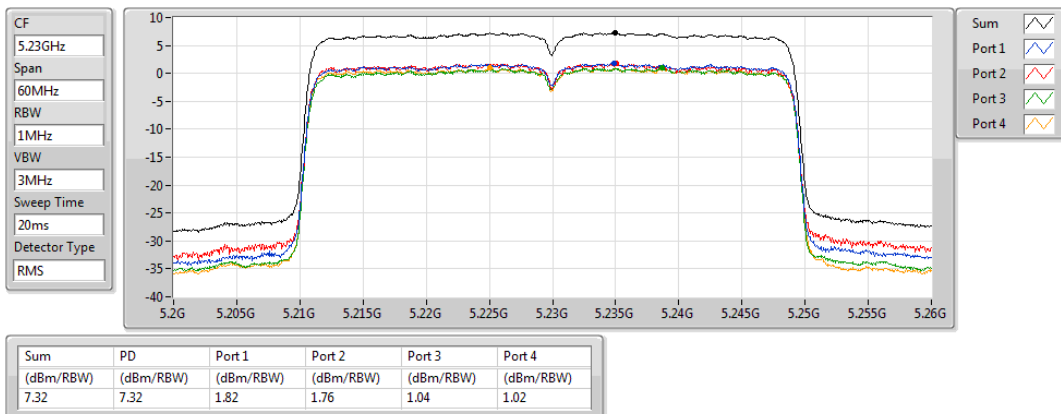


802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5230MHz

11/10/2019

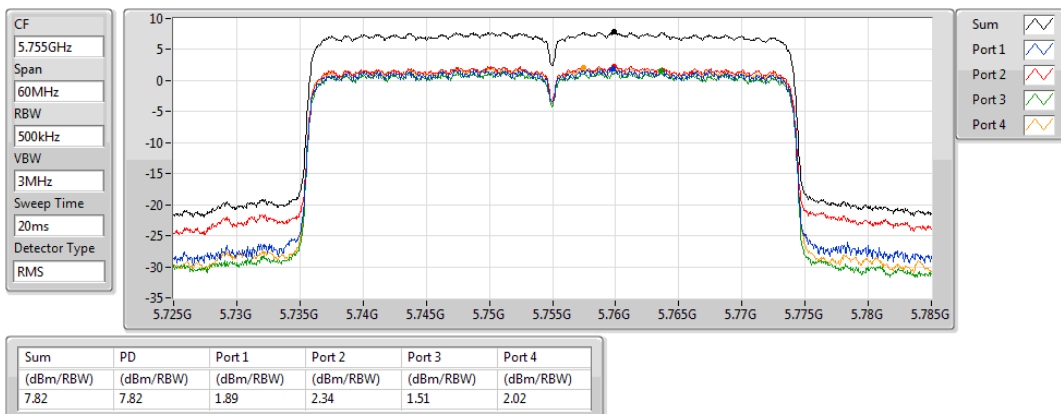


802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5755MHz

12/10/2019

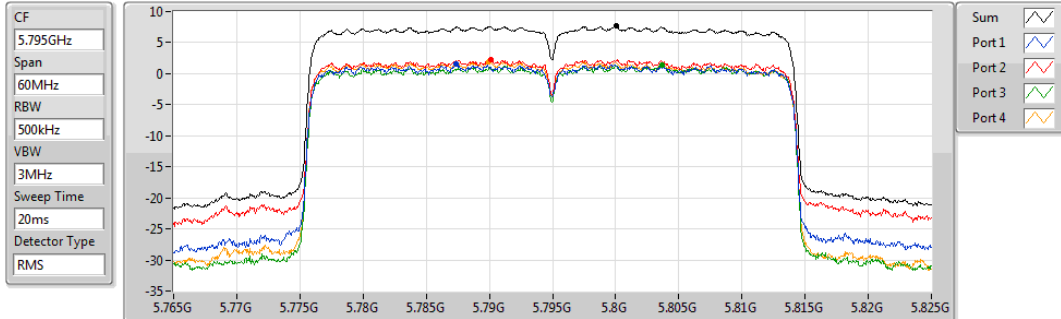


802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5795MHz

12/10/2019



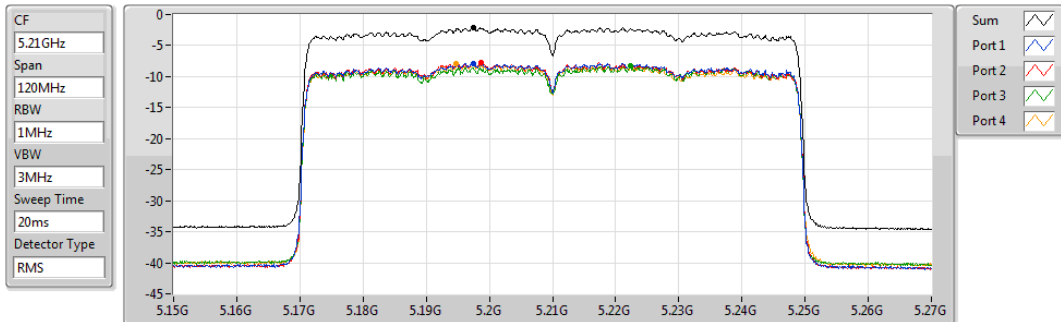
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.63	7.63	1.54	2.34	1.35	2.00

802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5210MHz

12/10/2019



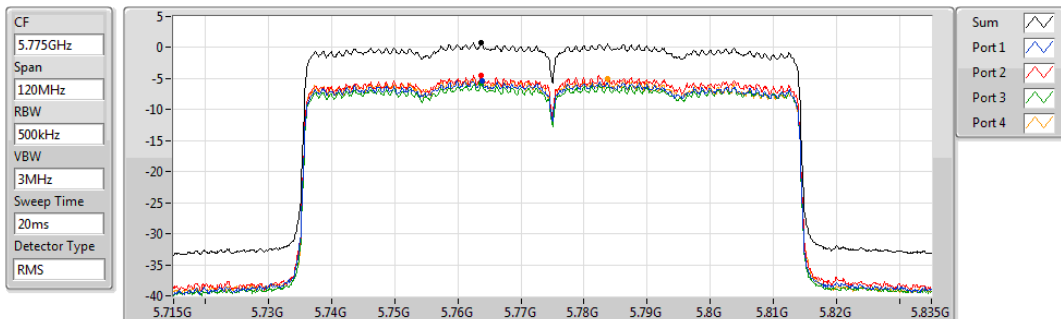
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.08	-2.08	-7.89	-7.66	-8.34	-7.98

802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5775MHz

12/10/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.79	0.79	-5.30	-4.42	-5.80	-5.03

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	11.57
802.11ac VHT20_Nss1,(MCS0)_1TX	10.75
802.11ac VHT40_Nss1,(MCS0)_1TX	7.22
802.11ac VHT80_Nss1,(MCS0)_1TX	0.11
802.11ax HEW20_Nss1,(MCS0)_1TX	10.64
802.11ax HEW40_Nss1,(MCS0)_1TX	7.22
802.11ax HEW80_Nss1,(MCS0)_1TX	0.06
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	7.97
802.11ac VHT20_Nss1,(MCS0)_1TX	7.95
802.11ac VHT40_Nss1,(MCS0)_1TX	5.69
802.11ac VHT80_Nss1,(MCS0)_1TX	1.36
802.11ax HEW20_Nss1,(MCS0)_1TX	7.98
802.11ax HEW40_Nss1,(MCS0)_1TX	5.81
802.11ax HEW80_Nss1,(MCS0)_1TX	1.34

RBW = 500 kHz 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	-	-	-	-	-
5180MHz	Pass	5.02	8.80	8.80	17.00
5200MHz	Pass	5.02	11.57	11.57	17.00
5240MHz	Pass	5.02	10.76	10.76	17.00
5745MHz	Pass	5.02	7.73	7.73	30.00
5785MHz	Pass	5.02	7.05	7.05	30.00
5825MHz	Pass	5.02	7.97	7.97	30.00
802.11ac_VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	5.02	7.56	7.56	17.00
5200MHz	Pass	5.02	10.75	10.75	17.00
5240MHz	Pass	5.02	9.89	9.89	17.00
5745MHz	Pass	5.02	7.51	7.51	30.00
5785MHz	Pass	5.02	6.84	6.84	30.00
5825MHz	Pass	5.02	7.95	7.95	30.00
802.11ac_VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	5.02	2.75	2.75	17.00
5230MHz	Pass	5.02	7.22	7.22	17.00
5755MHz	Pass	5.02	5.62	5.62	30.00
5795MHz	Pass	5.02	5.69	5.69	30.00
802.11ac_VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	5.02	0.11	0.11	17.00
5775MHz	Pass	5.02	1.36	1.36	30.00
802.11ax_HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	5.02	7.59	7.59	17.00
5200MHz	Pass	5.02	10.64	10.64	17.00
5240MHz	Pass	5.02	9.81	9.81	17.00
5745MHz	Pass	5.02	7.38	7.38	30.00
5785MHz	Pass	5.02	6.85	6.85	30.00
5825MHz	Pass	5.02	7.98	7.98	30.00
802.11ax_HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	5.02	2.76	2.76	17.00
5230MHz	Pass	5.02	7.22	7.22	17.00
5755MHz	Pass	5.02	5.81	5.81	30.00
5795MHz	Pass	5.02	5.68	5.68	30.00
802.11ax_HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	5.02	0.06	0.06	17.00
5775MHz	Pass	5.02	1.34	1.34	30.00

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

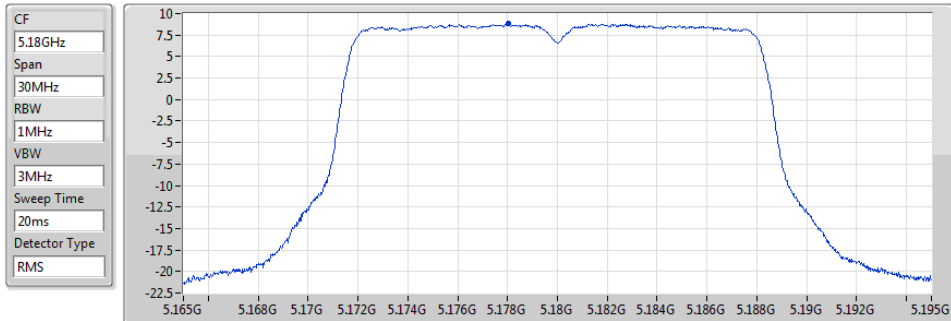
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5180MHz

03/10/2019



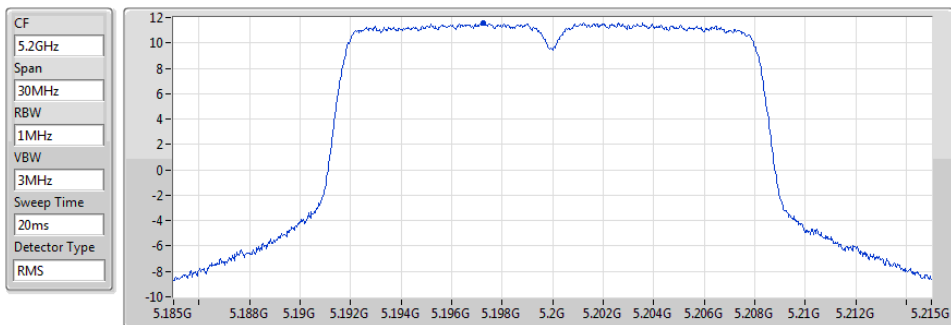
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.80	8.80	8.80

802.11a_Nss1,(6Mbps)_1TX

PSD

5200MHz

03/10/2019



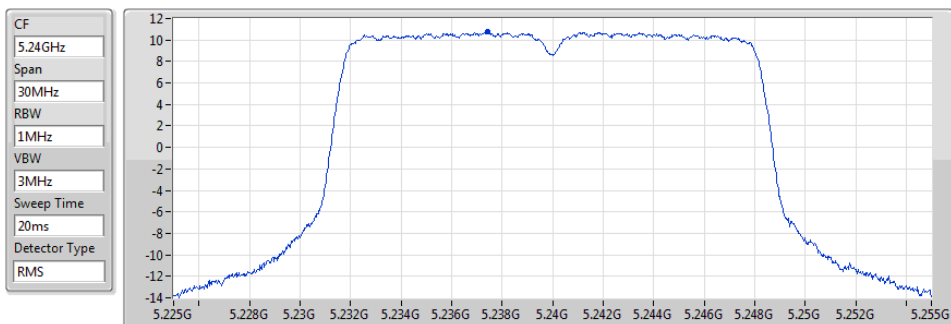
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.57	11.57	11.57

802.11a_Nss1,(6Mbps)_1TX

PSD

5240MHz

03/10/2019



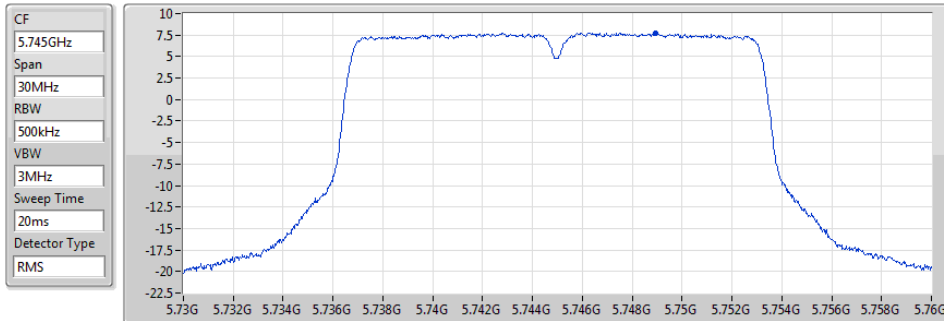
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.76	10.76	10.76

802.11a_Nss1,(6Mbps)_1TX

PSD

5745MHz

03/10/2019



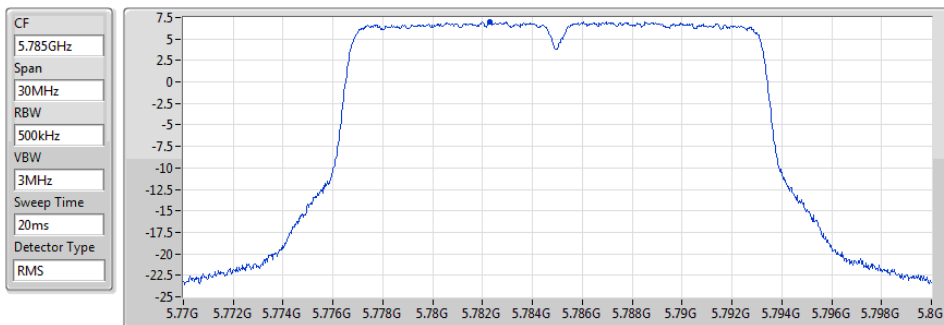
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.73	7.73	7.73

802.11a_Nss1,(6Mbps)_1TX

PSD

5785MHz

03/10/2019



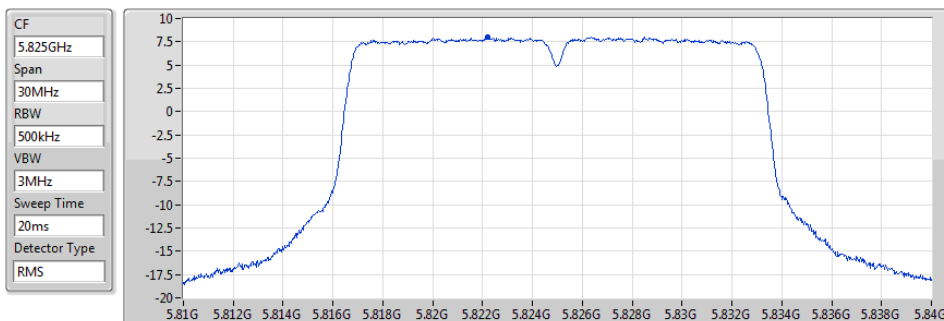
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.05	7.05	7.05

802.11a_Nss1,(6Mbps)_1TX

PSD

5825MHz

03/10/2019



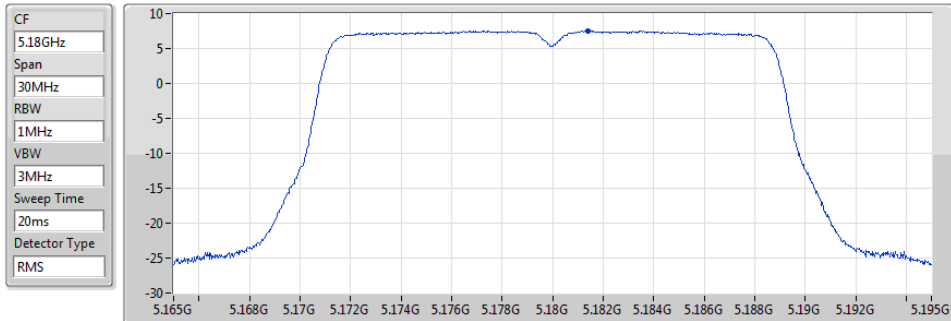
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.97	7.97	7.97

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5180MHz

04/10/2019



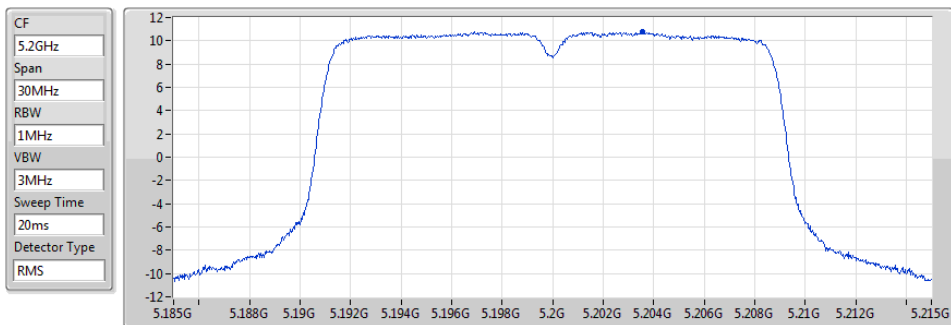
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.56	7.56	7.56

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5200MHz

04/10/2019



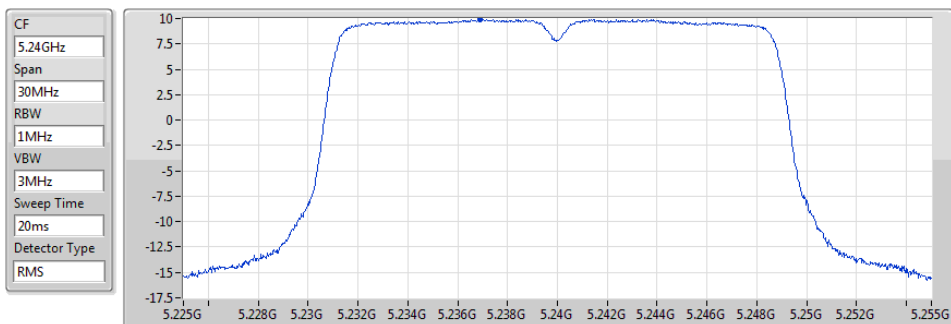
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.75	10.75	10.75

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5240MHz

04/10/2019



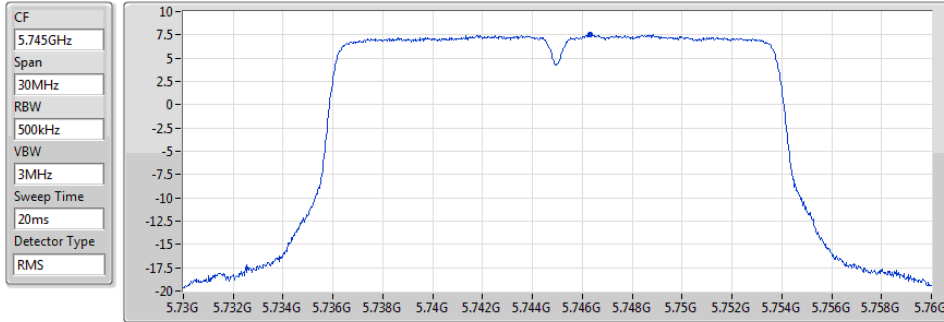
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.89	9.89	9.89

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5745MHz

04/10/2019



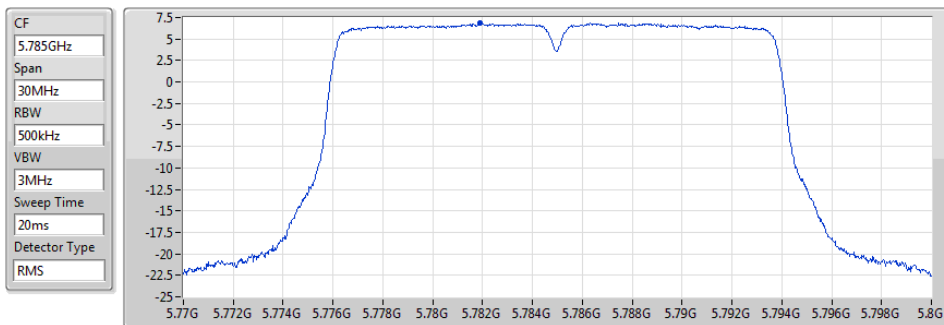
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.51	7.51	7.51

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5785MHz

04/10/2019



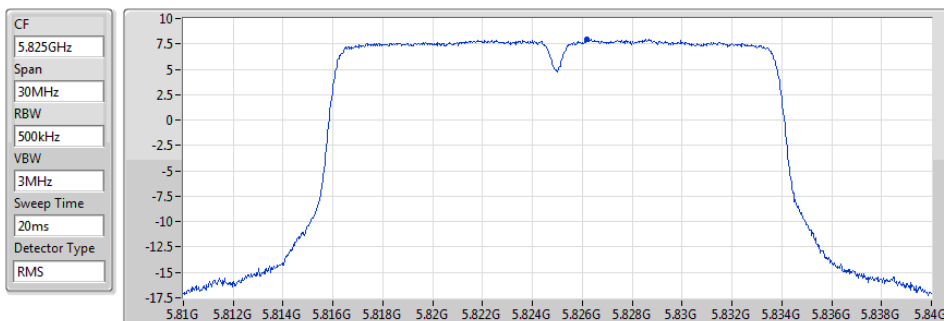
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.84	6.84	6.84

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5825MHz

04/10/2019



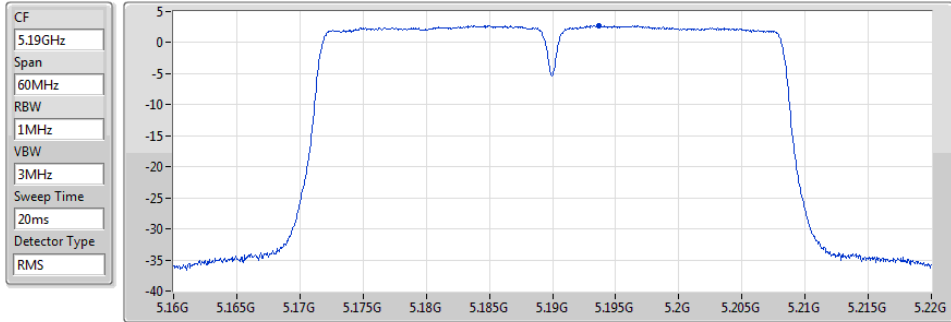
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.95	7.95	7.95

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5190MHz

04/10/2019



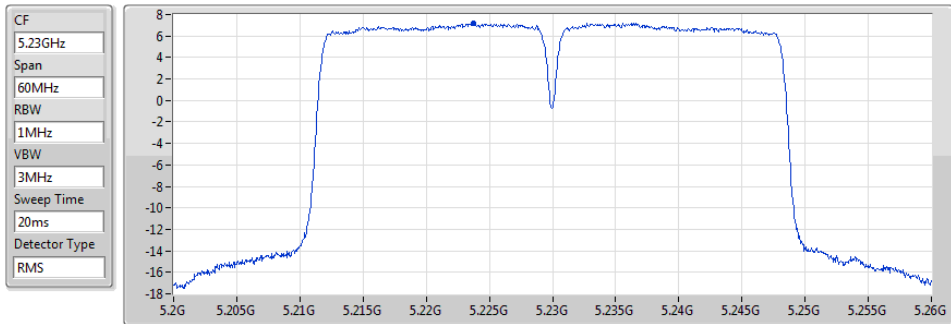
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.75	2.75	2.75

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5230MHz

04/10/2019



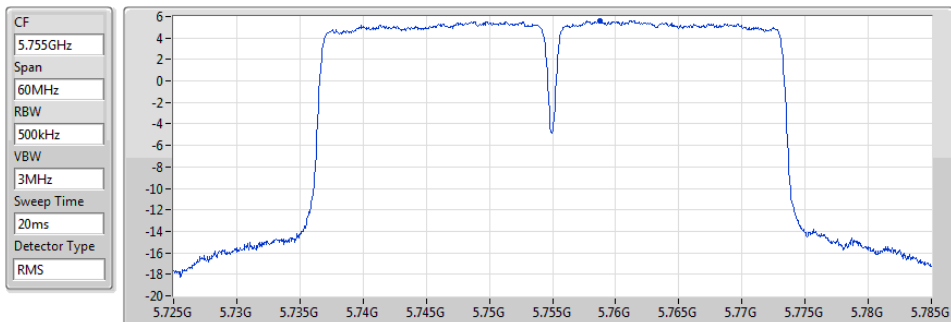
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.22	7.22	7.22

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5755MHz

04/10/2019



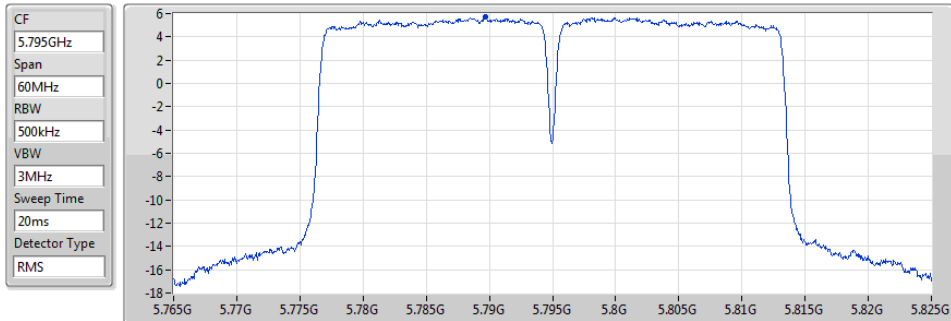
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.62	5.62	5.62

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5795MHz

04/10/2019



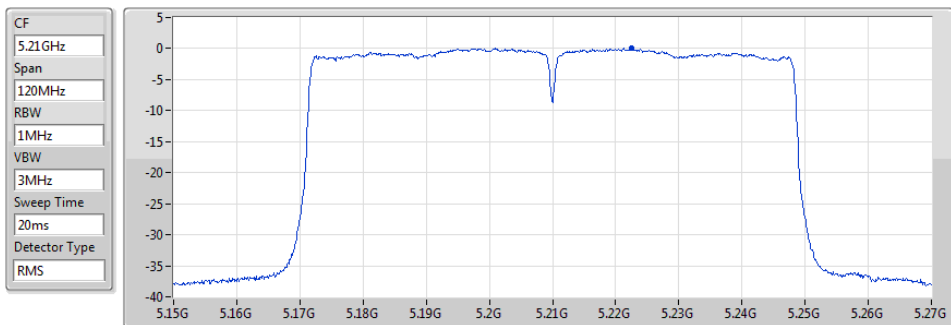
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.69	5.69	5.69

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5210MHz

04/10/2019



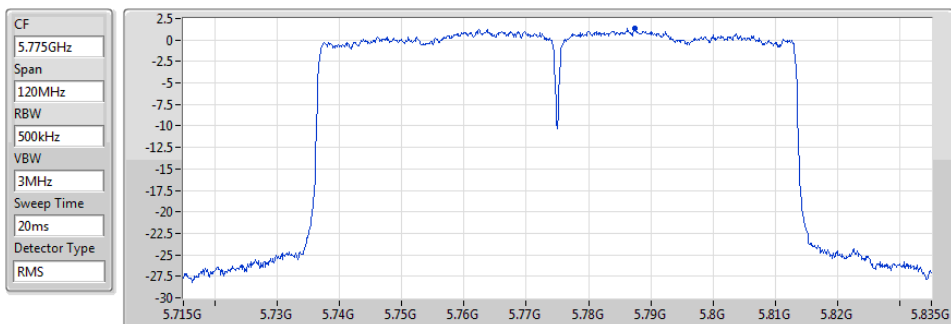
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.11	0.11	0.11

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5775MHz

04/10/2019



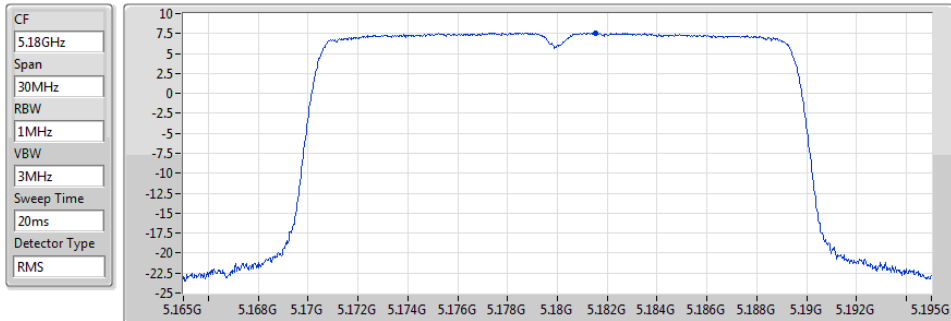
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.36	1.36	1.36

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5180MHz

03/10/2019



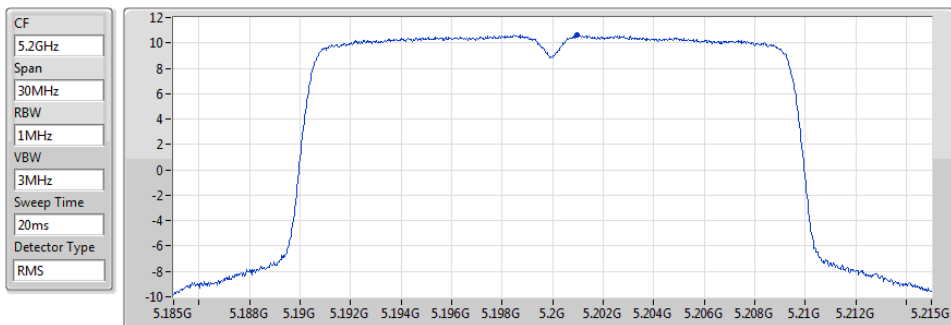
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.59	7.59	7.59

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5200MHz

03/10/2019



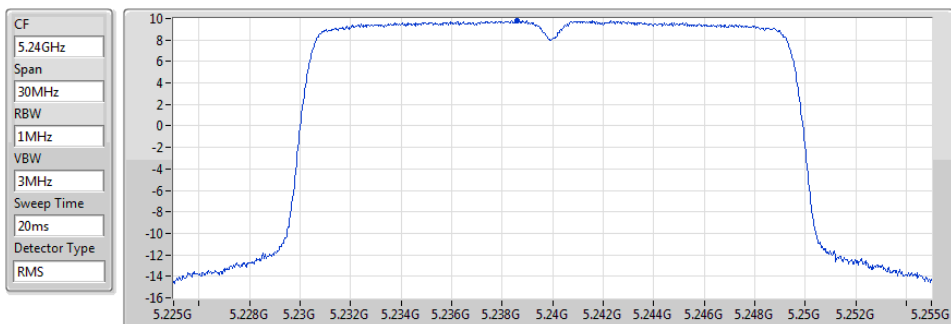
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.64	10.64	10.64

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5240MHz

03/10/2019



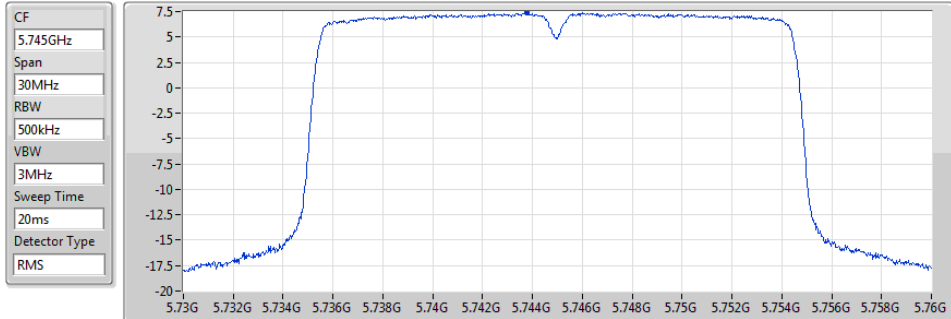
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.81	9.81	9.81

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5745MHz

03/10/2019



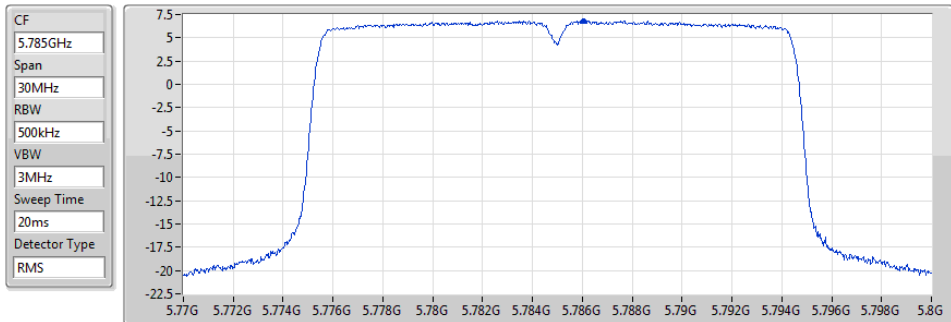
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.38	7.38	7.38

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5785MHz

03/10/2019



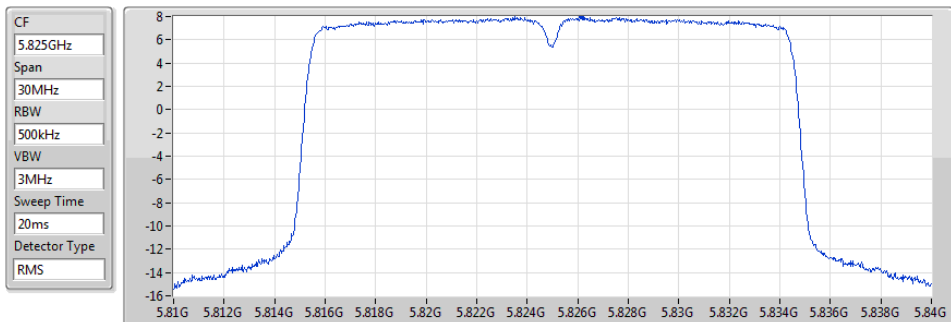
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.85	6.85	6.85

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5825MHz

03/10/2019



Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.98	7.98	7.98

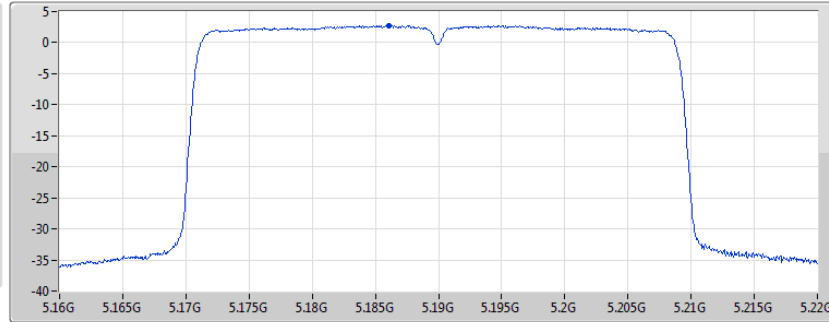
802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5190MHz

03/10/2019

CF
5.19GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.76	2.76	2.76

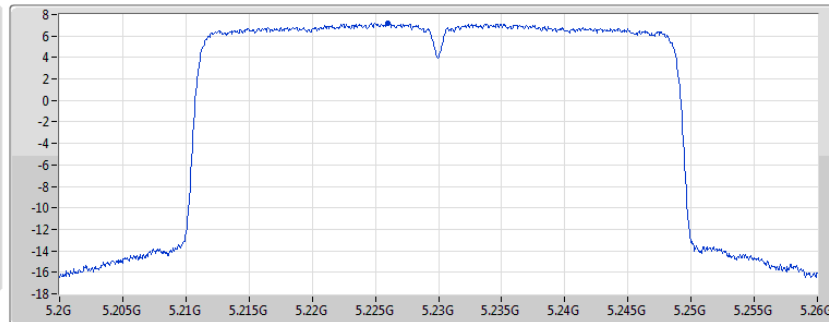
802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5230MHz

03/10/2019

CF
5.23GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.22	7.22	7.22

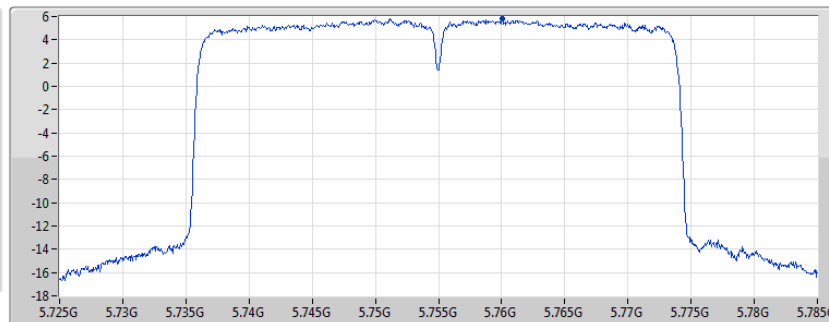
802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5755MHz

03/10/2019

CF
5.755GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.81	5.81	5.81

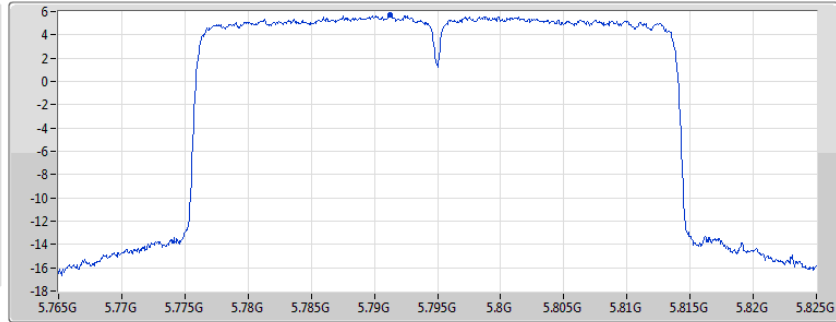
802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5795MHz

03/10/2019

CF
5.795GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.68	5.68	5.68

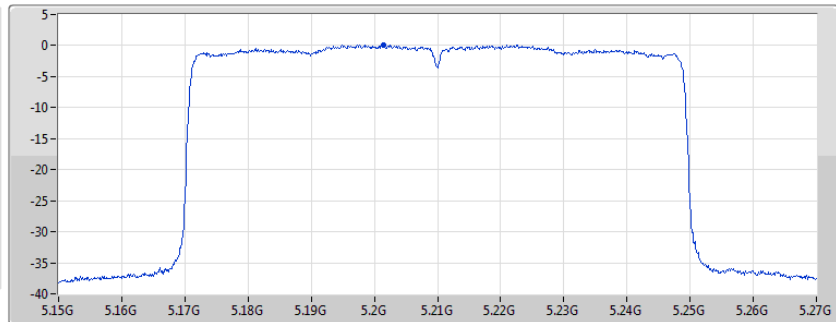
802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5210MHz

03/10/2019

CF
5.21GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.06	0.06	0.06

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5775MHz

03/10/2019

CF
5.775GHz
Span
120MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.34	1.34	1.34

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	14.20
802.11ac VHT20_Nss2,(MCS0)_2TX	13.49
802.11ac VHT40_Nss2,(MCS0)_2TX	9.87
802.11ac VHT80_Nss2,(MCS0)_2TX	2.72
802.11ax HEW20_Nss2,(MCS0)_2TX	13.20
802.11ax HEW40_Nss2,(MCS0)_2TX	9.63
802.11ax HEW80_Nss2,(MCS0)_2TX	2.60
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.96
802.11ac VHT20_Nss2,(MCS0)_2TX	11.75
802.11ac VHT40_Nss2,(MCS0)_2TX	9.38
802.11ac VHT80_Nss2,(MCS0)_2TX	4.61
802.11ax HEW20_Nss2,(MCS0)_2TX	11.58
802.11ax HEW40_Nss2,(MCS0)_2TX	9.17
802.11ax HEW80_Nss2,(MCS0)_2TX	4.20

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.03	7.92	8.72	11.28	14.97
5200MHz	Pass	8.03	10.58	11.79	14.20	14.97
5240MHz	Pass	8.03	9.44	10.33	12.90	14.97
5745MHz	Pass	8.03	7.68	8.32	10.96	27.97
5785MHz	Pass	8.03	6.95	7.67	10.27	27.97
5825MHz	Pass	8.03	6.80	7.44	10.02	27.97
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.02	6.39	7.46	9.90	17.00
5200MHz	Pass	5.02	9.94	11.12	13.49	17.00
5240MHz	Pass	5.02	8.92	9.82	12.35	17.00
5745MHz	Pass	5.02	8.33	9.10	11.68	30.00
5785MHz	Pass	5.02	7.25	7.67	10.40	30.00
5825MHz	Pass	5.02	8.50	9.11	11.75	30.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	5.02	1.50	2.45	4.94	17.00
5230MHz	Pass	5.02	6.42	7.34	9.87	17.00
5755MHz	Pass	5.02	6.43	6.50	9.38	30.00
5795MHz	Pass	5.02	5.12	5.72	8.34	30.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	5.02	-0.75	0.37	2.72	17.00
5775MHz	Pass	5.02	1.22	2.07	4.61	30.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.02	6.44	7.59	10.03	17.00
5200MHz	Pass	5.02	9.61	10.76	13.20	17.00
5240MHz	Pass	5.02	8.74	9.72	12.19	17.00
5745MHz	Pass	5.02	8.15	8.96	11.52	30.00
5785MHz	Pass	5.02	7.03	7.49	10.25	30.00
5825MHz	Pass	5.02	8.20	8.95	11.58	30.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	5.02	1.11	2.22	4.65	17.00
5230MHz	Pass	5.02	6.26	7.13	9.63	17.00
5755MHz	Pass	5.02	6.07	6.38	9.17	30.00
5795MHz	Pass	5.02	5.04	5.52	8.21	30.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	5.02	-0.95	0.17	2.60	17.00
5775MHz	Pass	5.02	1.08	1.41	4.20	30.00

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

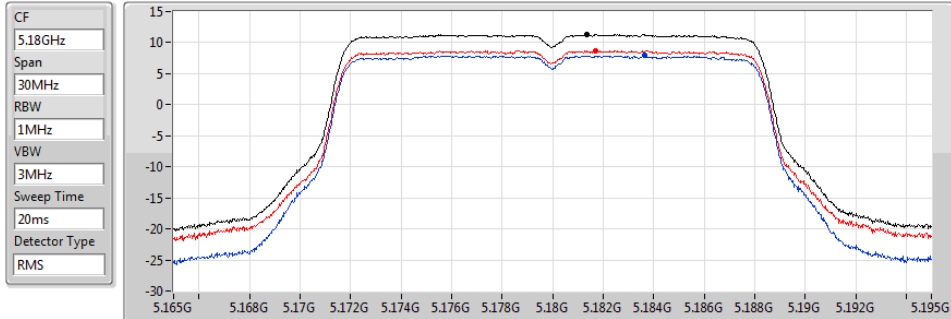
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

5180MHz

PSD

04/10/2019



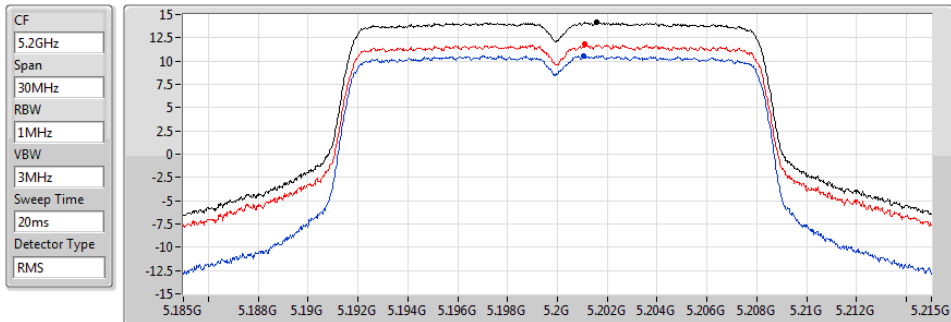
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.28	11.28	7.92	8.72

802.11a_Nss1,(6Mbps)_2TX

5200MHz

PSD

04/10/2019



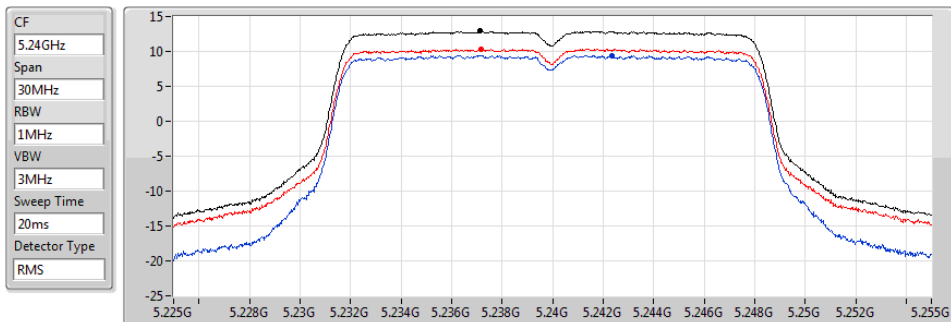
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
14.20	14.20	10.58	11.79

802.11a_Nss1,(6Mbps)_2TX

5240MHz

PSD

04/10/2019



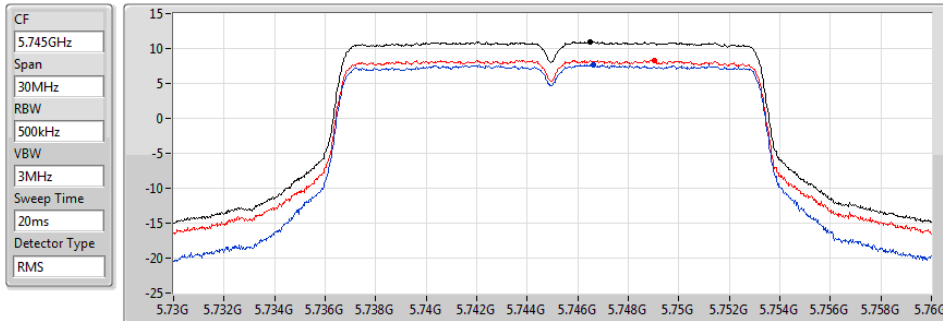
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
12.90	12.90	9.44	10.33

802.11a_Nss1,(6Mbps)_2TX

5745MHz

PSD

04/10/2019



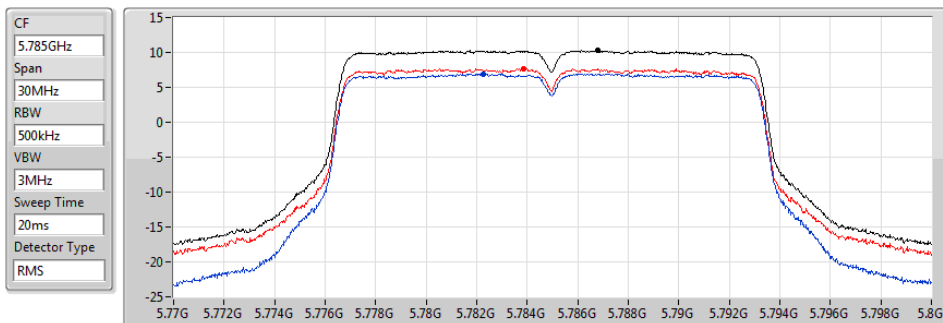
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.96	10.96	7.68	8.32

802.11a_Nss1,(6Mbps)_2TX

5785MHz

PSD

04/10/2019



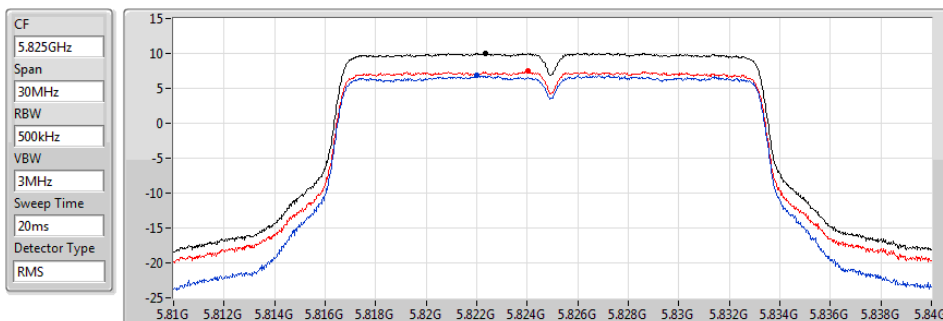
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.27	10.27	6.95	7.67

802.11a_Nss1,(6Mbps)_2TX

5825MHz

PSD

04/10/2019



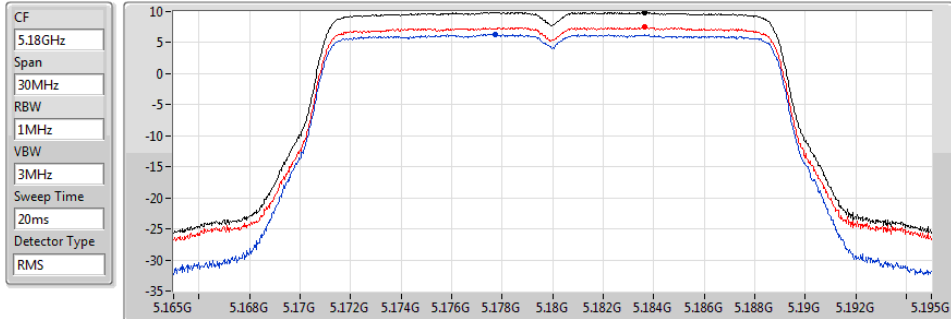
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.02	10.02	6.80	7.44

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5180MHz

04/10/2019



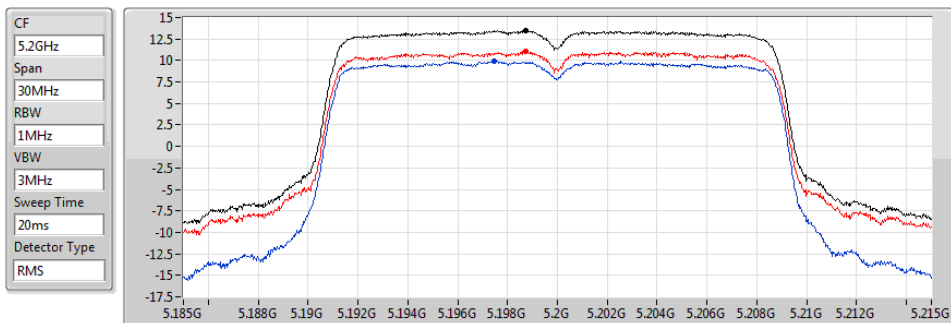
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.90	9.90	6.39	7.46

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5200MHz

04/10/2019



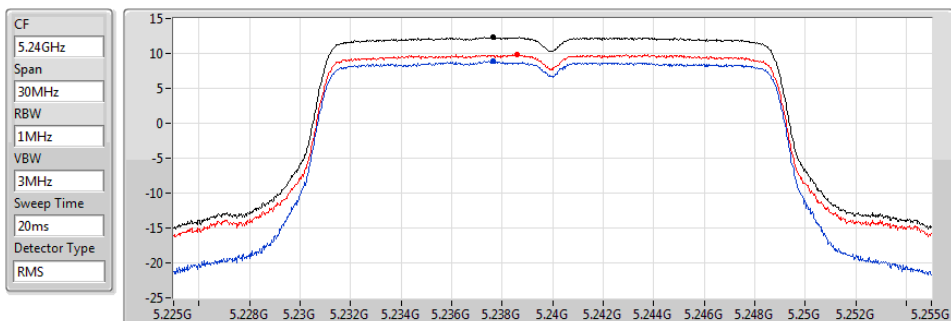
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.49	13.49	9.94	11.12

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5240MHz

04/10/2019



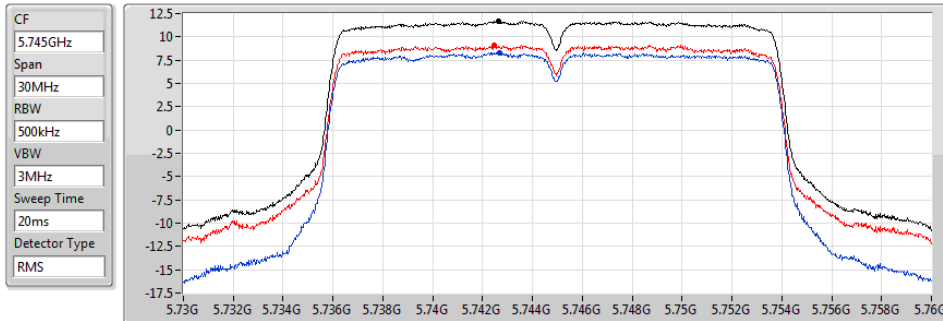
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.35	12.35	8.92	9.82

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5745MHz

04/10/2019



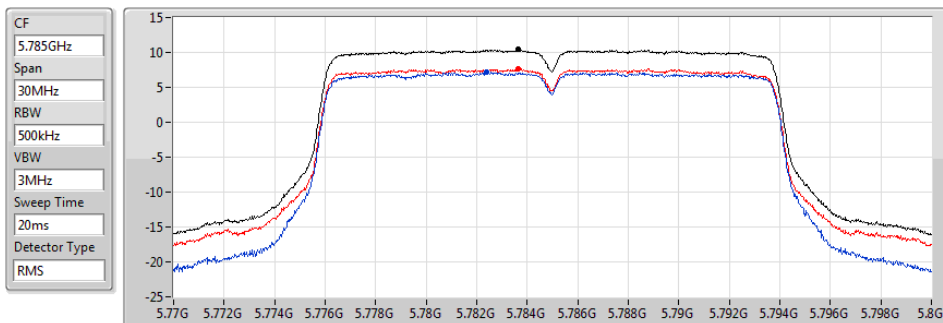
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.68	11.68	8.33	9.10

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5785MHz

04/10/2019



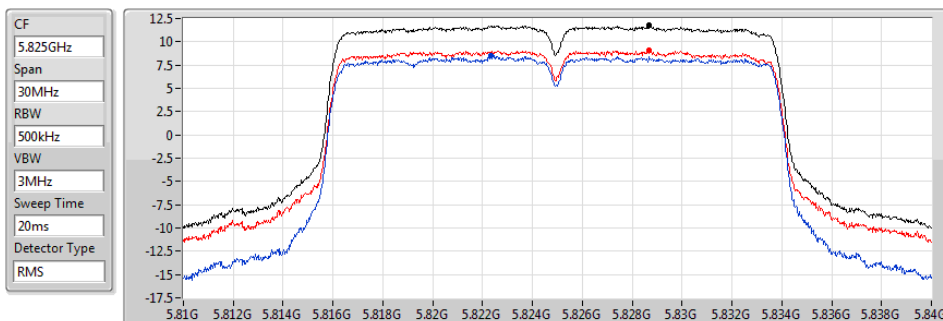
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.40	10.40	7.25	7.67

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5825MHz

04/10/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.75	11.75	8.50	9.11

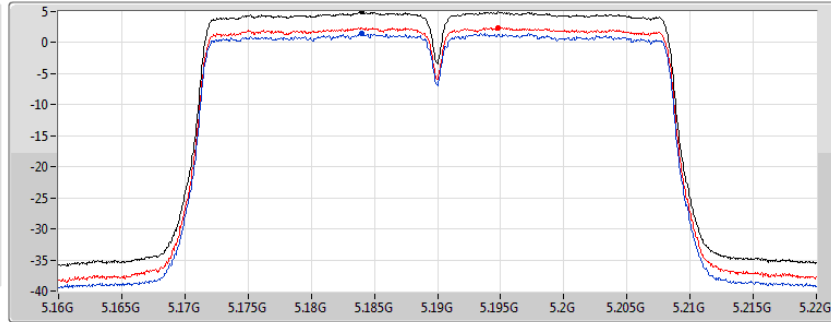
802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5190MHz

04/10/2019

CF
5.19GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.94	4.94	1.50	2.45

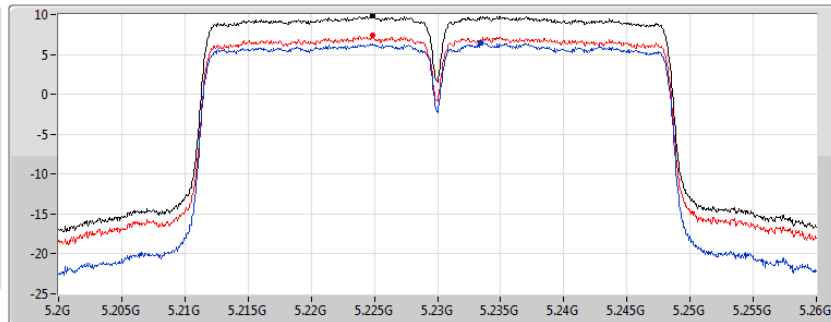
802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5230MHz

04/10/2019

CF
5.23GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.87	9.87	6.42	7.34

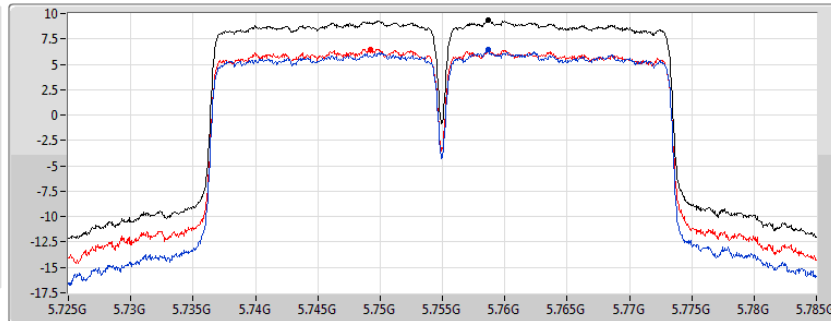
802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5755MHz

04/10/2019

CF
5.755GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

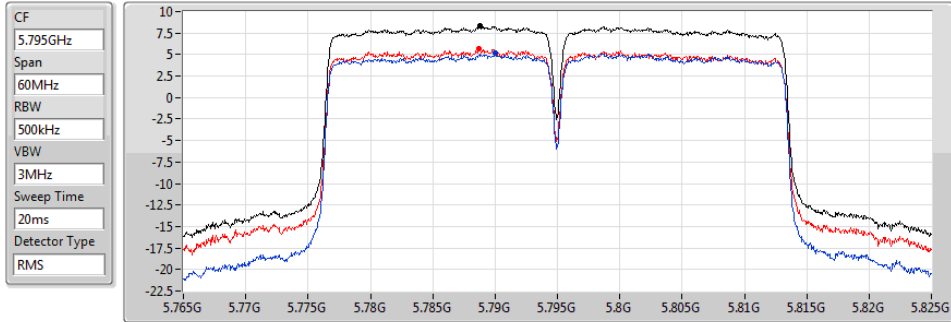
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.38	9.38	6.43	6.50

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5795MHz

04/10/2019



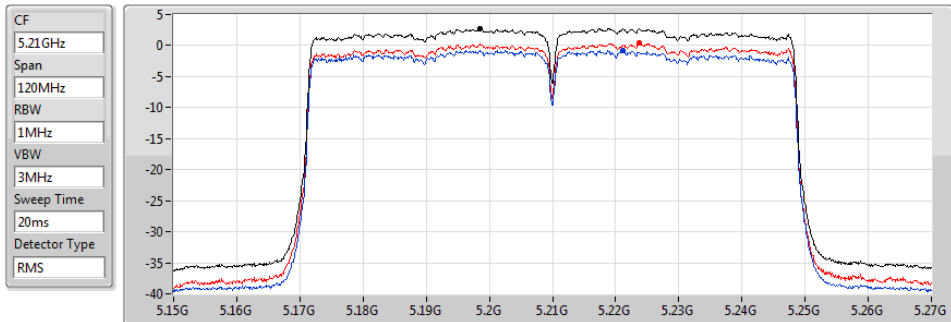
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.34	8.34	5.12	5.72

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5210MHz

04/10/2019



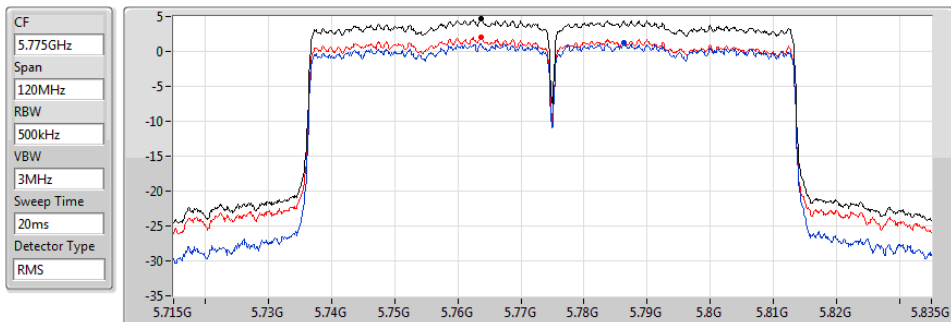
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.72	2.72	-0.75	0.37

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5775MHz

04/10/2019



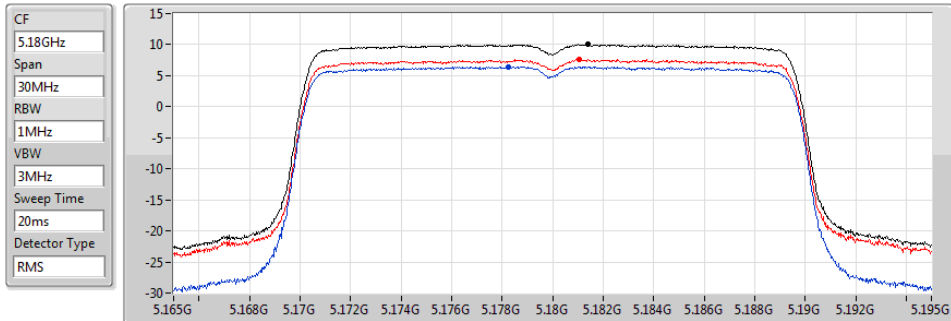
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.61	4.61	1.22	2.07

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5180MHz

04/10/2019



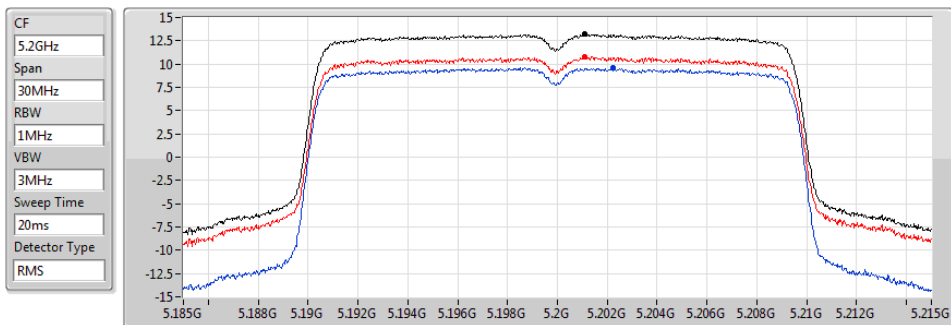
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.03	10.03	6.44	7.59

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5200MHz

04/10/2019



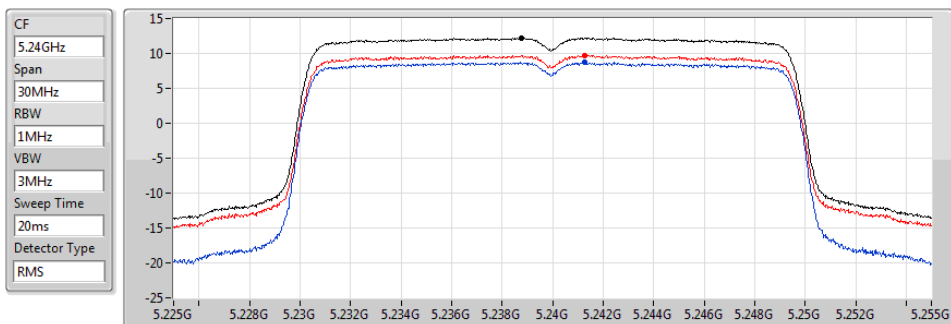
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.20	13.20	9.61	10.76

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5240MHz

04/10/2019



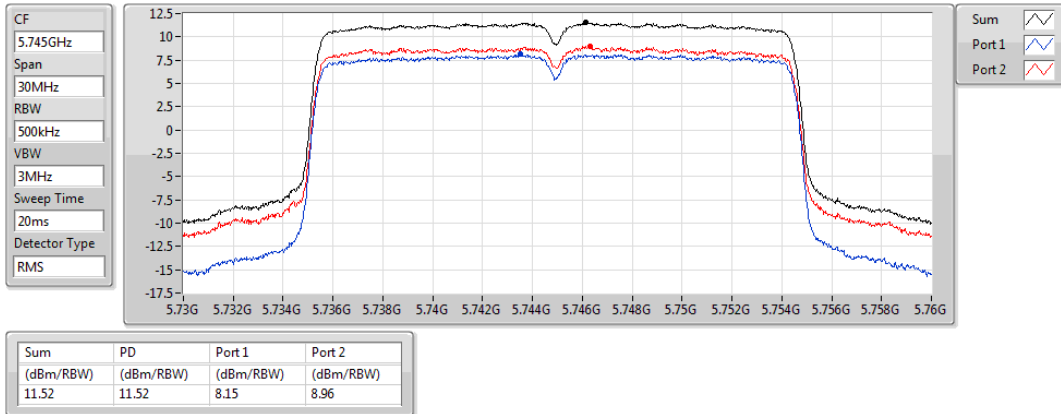
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.19	12.19	8.74	9.72

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5745MHz

04/10/2019

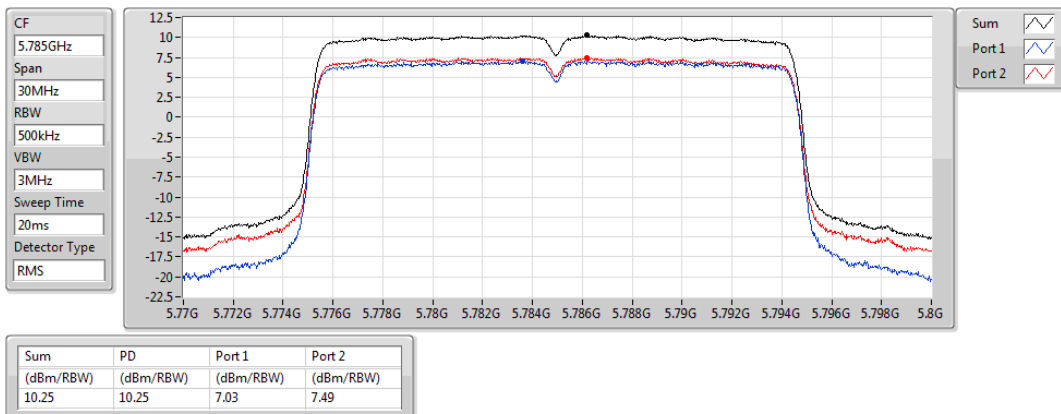


802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5785MHz

04/10/2019

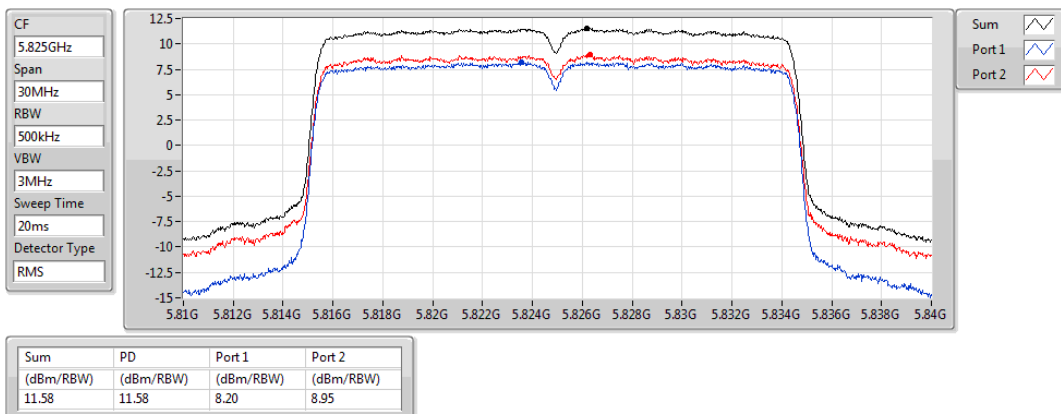


802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5825MHz

04/10/2019



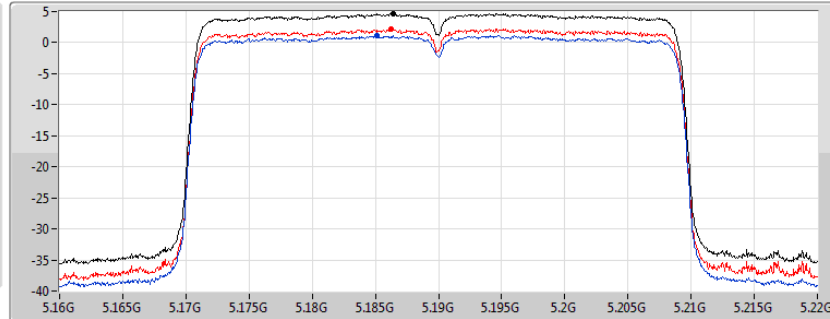
802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5190MHz

04/10/2019

CF
5.19GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.65	4.65	1.11	2.22

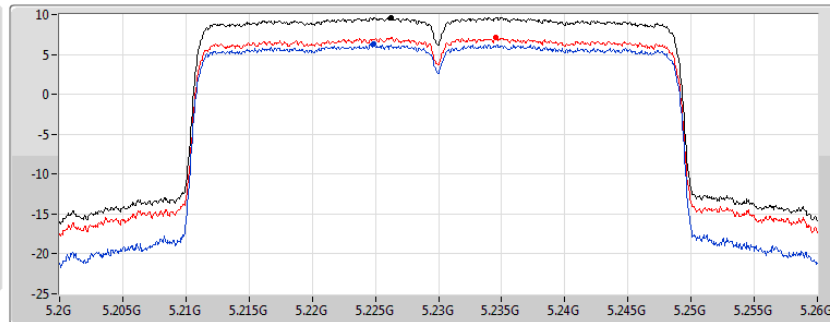
802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5230MHz

04/10/2019

CF
5.23GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.63	9.63	6.26	7.13

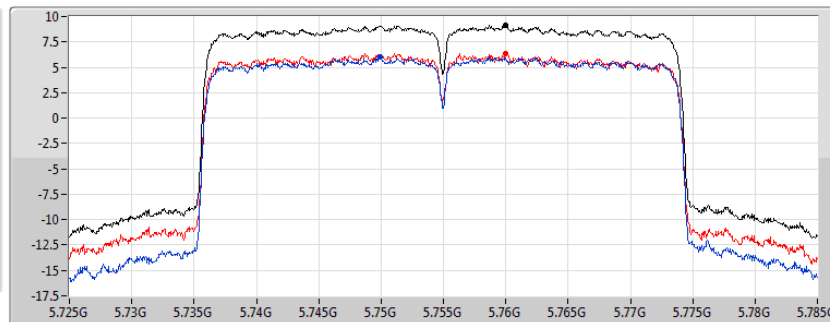
802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5755MHz

04/10/2019

CF
5.755GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

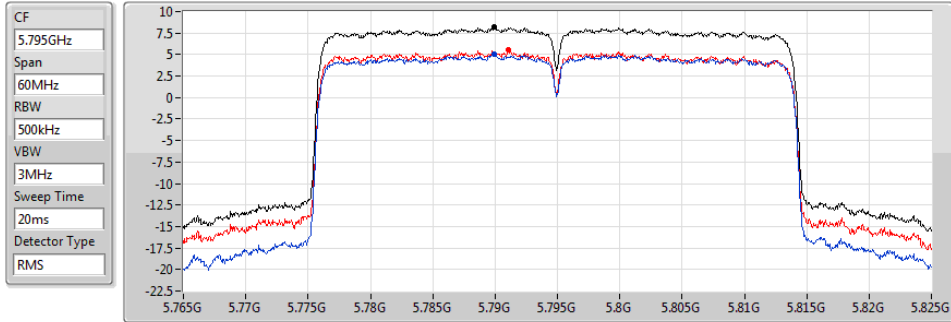
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.17	9.17	6.07	6.38

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5795MHz

04/10/2019



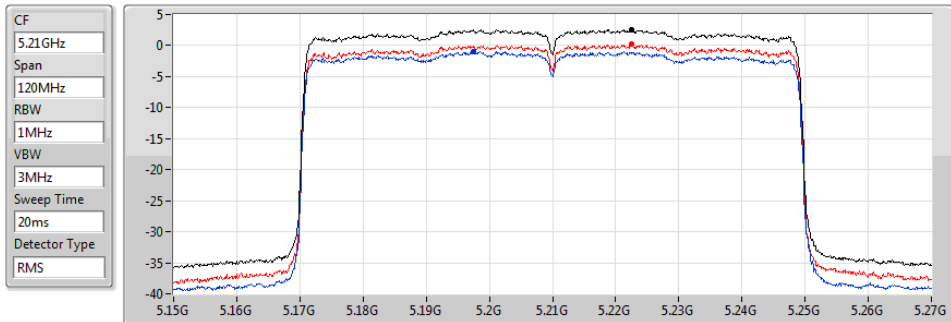
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.21	8.21	5.04	5.52

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5210MHz

04/10/2019



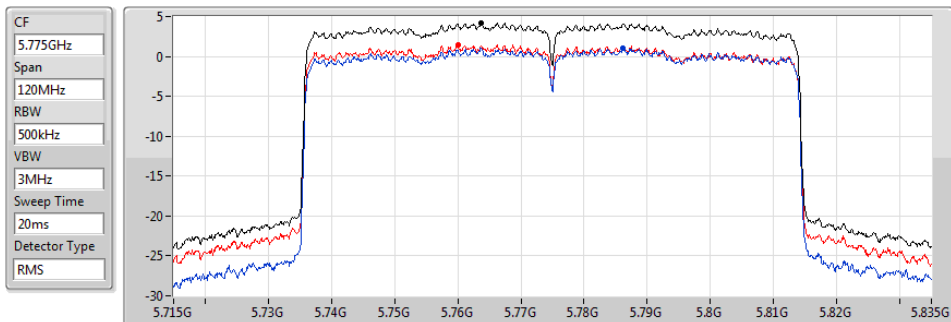
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.60	2.60	-0.95	0.17

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5775MHz

04/10/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.20	4.20	1.08	1.41

**Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	12.85
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	9.24
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	2.44
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	13.19
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	9.62
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	2.48
5.725-5.85GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	9.84
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	6.39
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	3.02
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	10.16
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	6.63
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	3.04

RBW = 500 kHz 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)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.03	5.45	5.76	8.56	14.97
5200MHz	Pass	8.03	9.61	10.11	12.85	14.97
5240MHz	Pass	8.03	8.89	9.33	12.10	14.97
5745MHz	Pass	8.03	6.16	5.92	8.95	27.97
5785MHz	Pass	8.03	5.77	5.16	8.37	27.97
5825MHz	Pass	8.03	7.15	6.62	9.84	27.97
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	8.03	1.57	1.73	4.57	14.97
5230MHz	Pass	8.03	6.24	6.42	9.24	14.97
5755MHz	Pass	8.03	3.71	2.90	6.29	27.97
5795MHz	Pass	8.03	3.68	3.07	6.39	27.97
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	8.03	-0.67	-0.37	2.44	14.97
5775MHz	Pass	8.03	-0.06	0.16	3.02	27.97
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.03	5.82	6.36	9.01	14.97
5200MHz	Pass	8.03	9.96	10.46	13.19	14.97
5240MHz	Pass	8.03	9.18	9.65	12.38	14.97
5745MHz	Pass	8.03	6.47	6.07	9.20	27.97
5785MHz	Pass	8.03	6.19	5.54	8.85	27.97
5825MHz	Pass	8.03	7.52	6.94	10.16	27.97
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	8.03	1.98	2.13	5.00	14.97
5230MHz	Pass	8.03	6.68	6.64	9.62	14.97
5755MHz	Pass	8.03	3.97	3.23	6.63	27.97
5795MHz	Pass	8.03	3.96	3.26	6.60	27.97
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	8.03	-0.67	-0.19	2.48	14.97
5775MHz	Pass	8.03	0.11	0.19	3.04	27.97

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

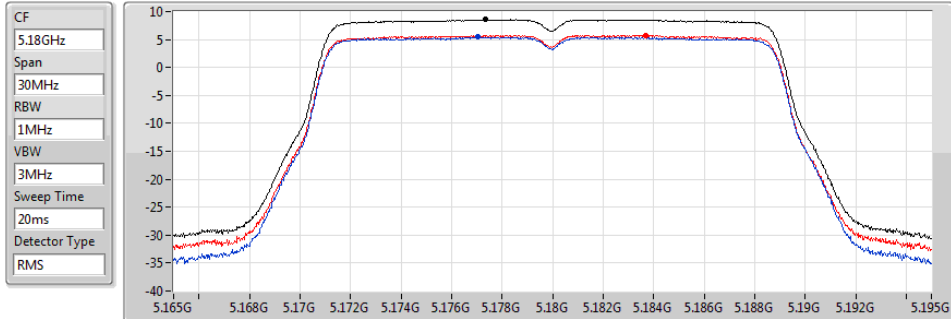
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

13/10/2019



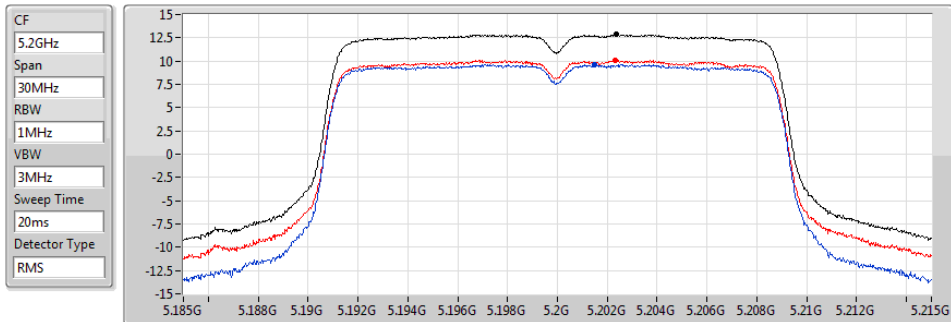
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.56	8.56	5.45	5.76

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

13/10/2019



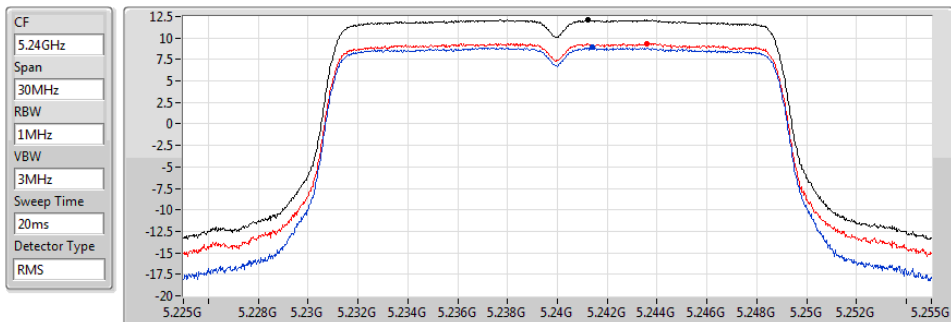
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.85	12.85	9.61	10.11

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

13/10/2019



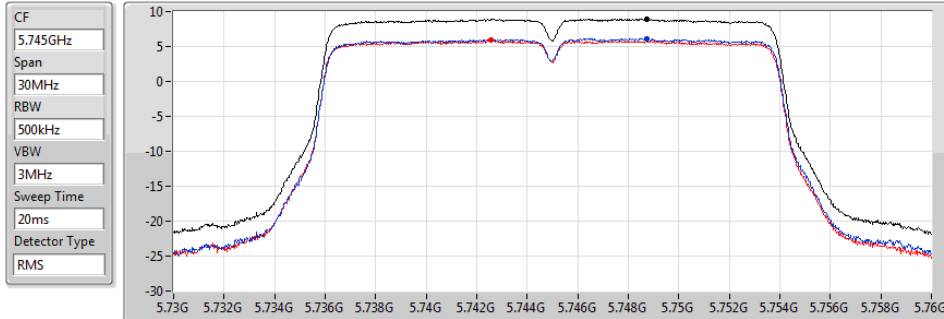
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.10	12.10	8.89	9.33

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

16/10/2019



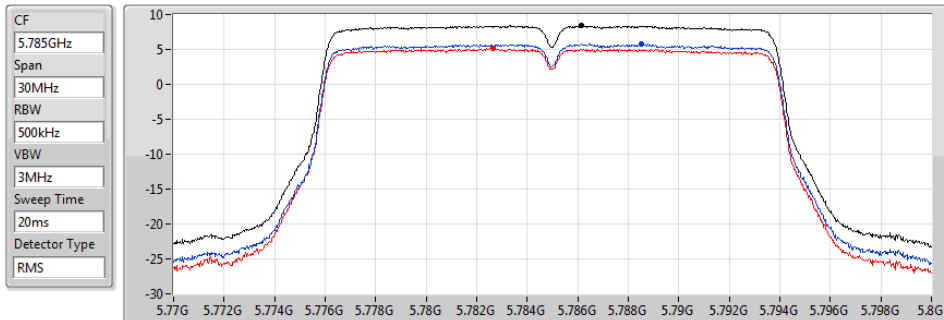
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.95	8.95	6.16	5.92

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

16/10/2019



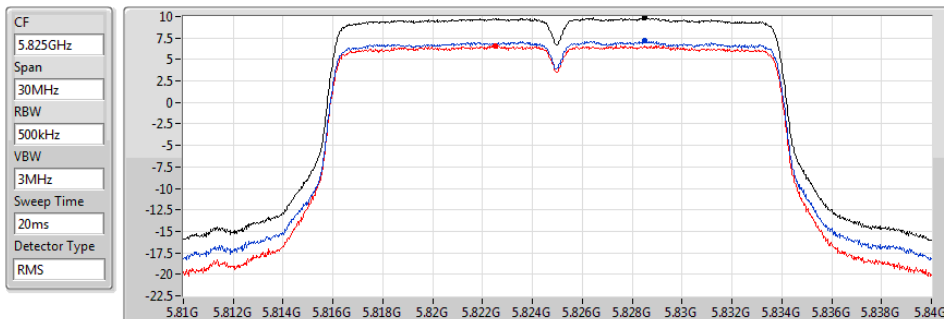
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.37	8.37	5.77	5.16

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

16/10/2019



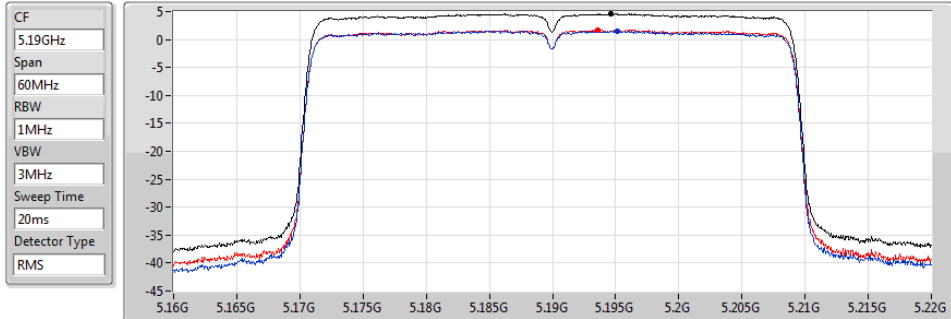
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.84	9.84	7.15	6.62

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

13/10/2019



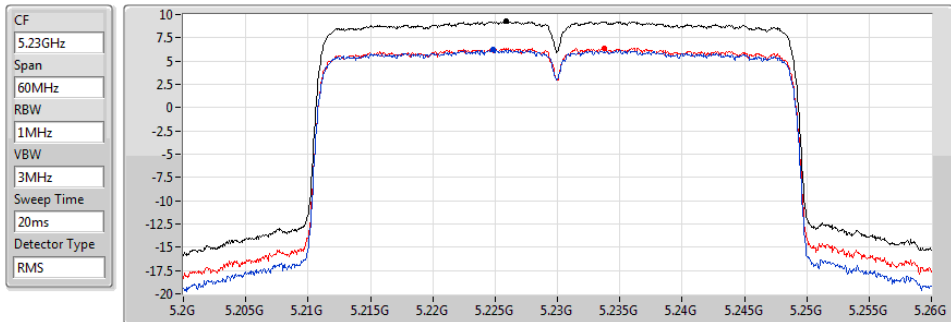
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.57	4.57	1.57	1.73

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

13/10/2019



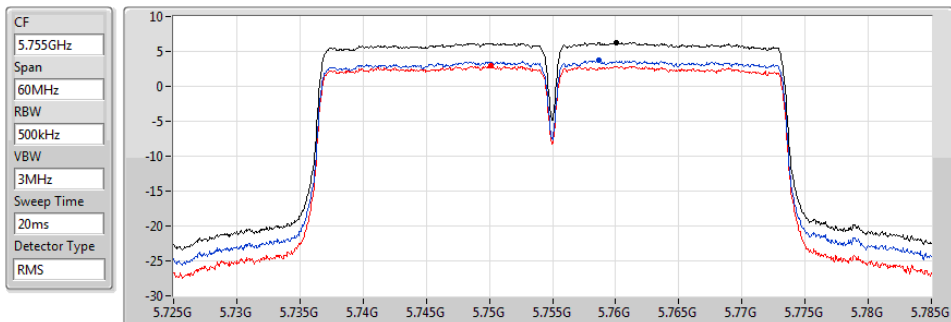
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.24	9.24	6.24	6.42

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

16/10/2019



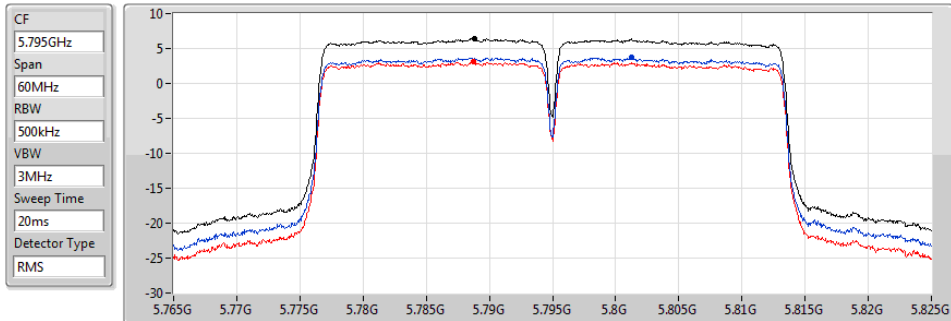
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.29	6.29	3.71	2.90

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

16/10/2019



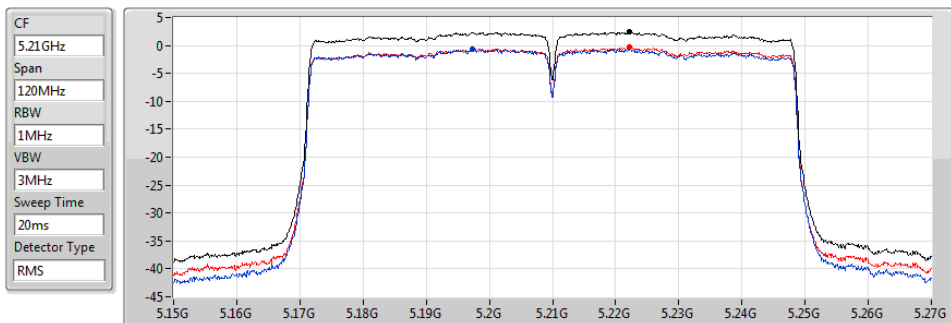
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.39	6.39	3.68	3.07

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

13/10/2019



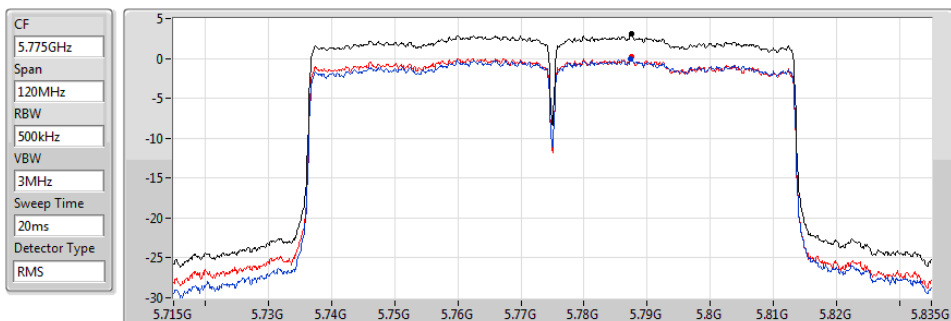
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.44	2.44	-0.67	-0.37

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

13/10/2019



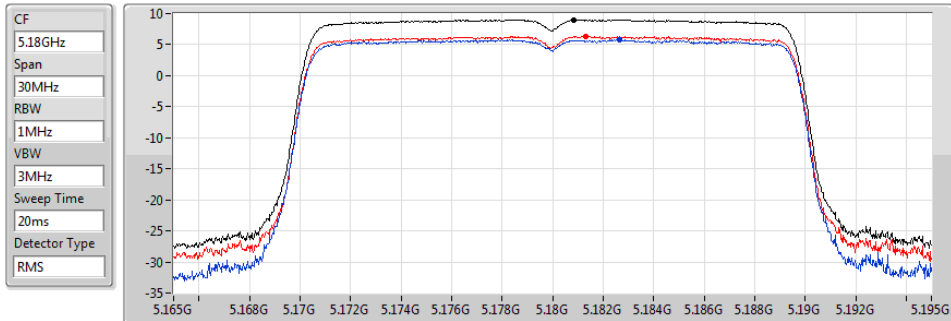
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.02	3.02	-0.06	0.16

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

13/10/2019



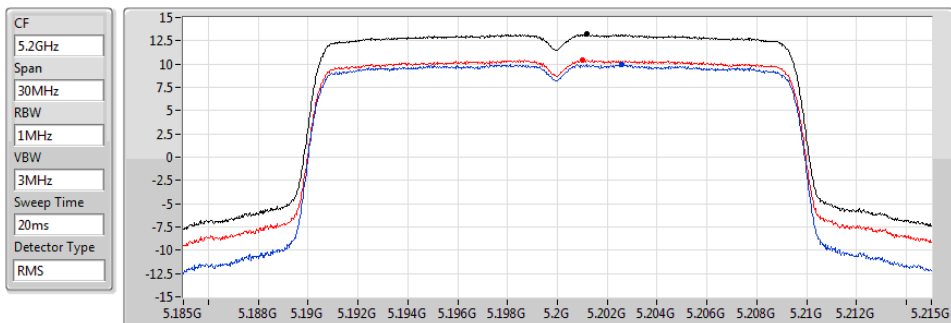
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.01	9.01	5.82	6.36

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

13/10/2019



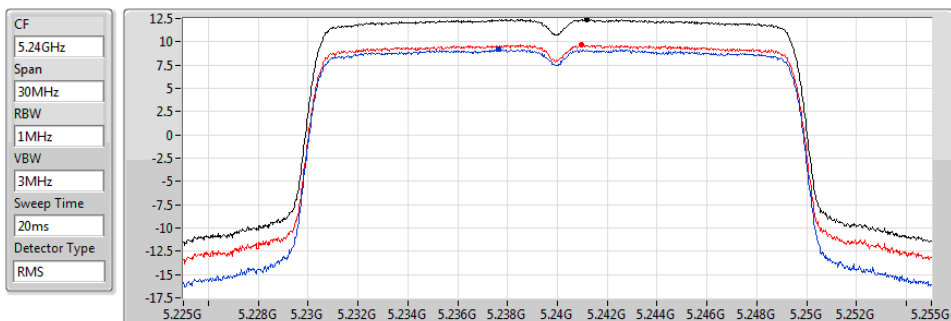
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
13.19	13.19	9.96	10.46

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

13/10/2019



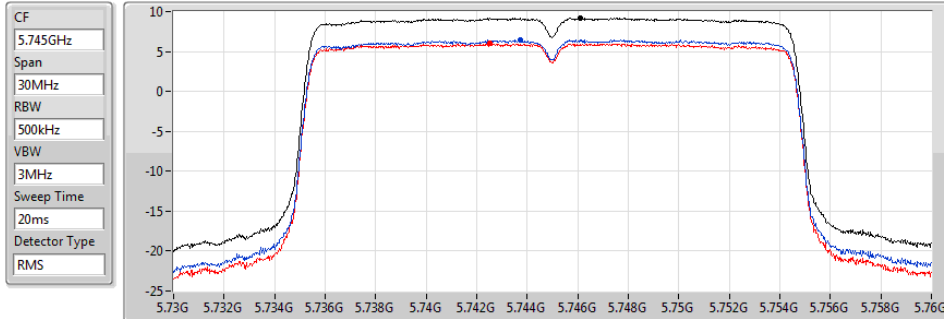
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
12.38	12.38	9.18	9.65

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

16/10/2019



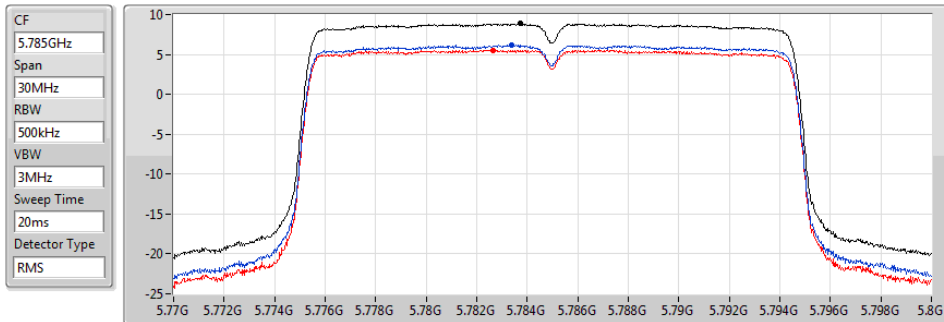
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.20	9.20	6.47	6.07

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

16/10/2019



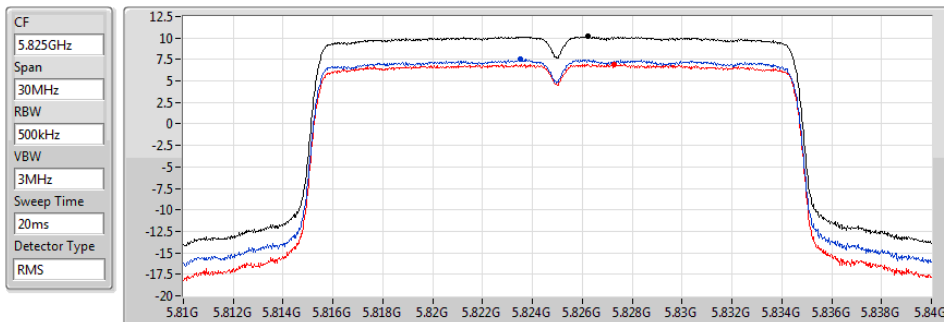
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.85	8.85	6.19	5.54

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

16/10/2019



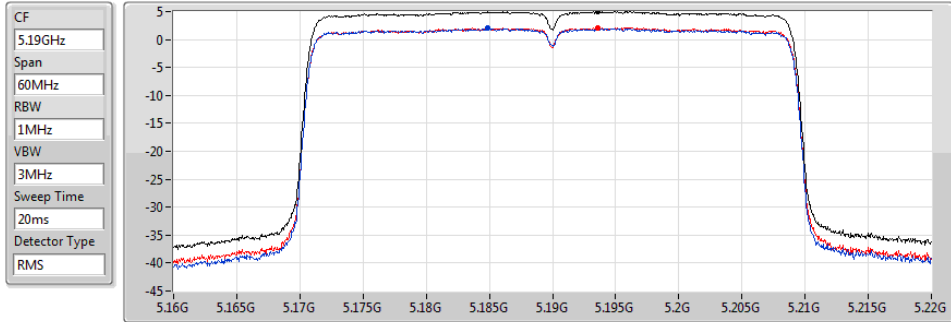
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.16	10.16	7.52	6.94

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

13/10/2019



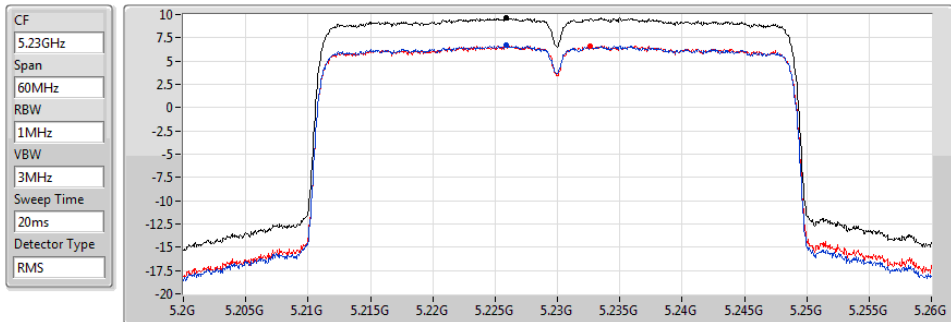
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.00	5.00	1.98	2.13

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

13/10/2019



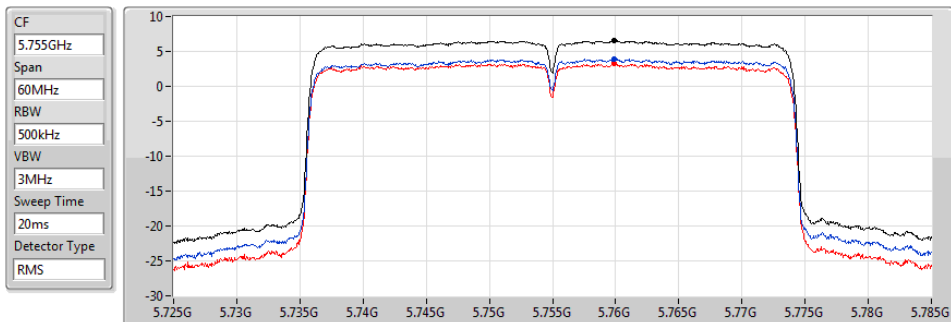
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.62	9.62	6.68	6.64

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

16/10/2019



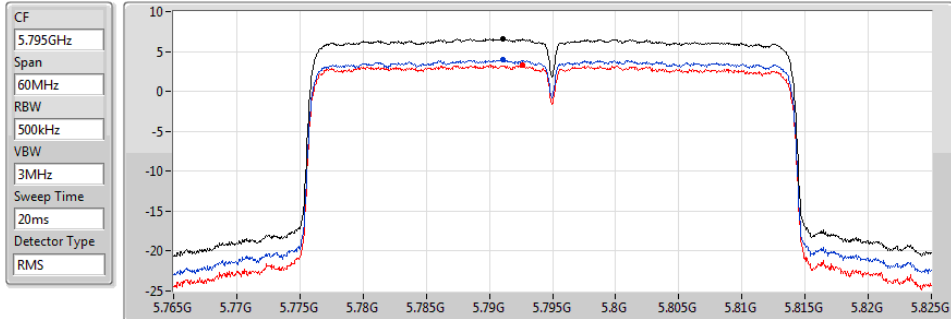
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.63	6.63	3.97	3.23

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

16/10/2019



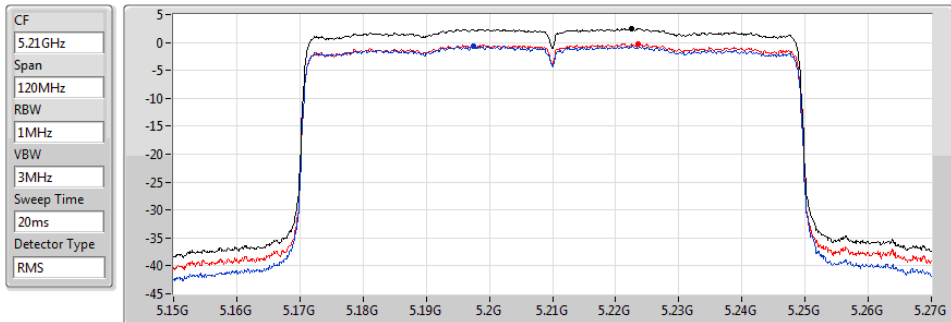
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.60	6.60	3.96	3.26

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

13/10/2019



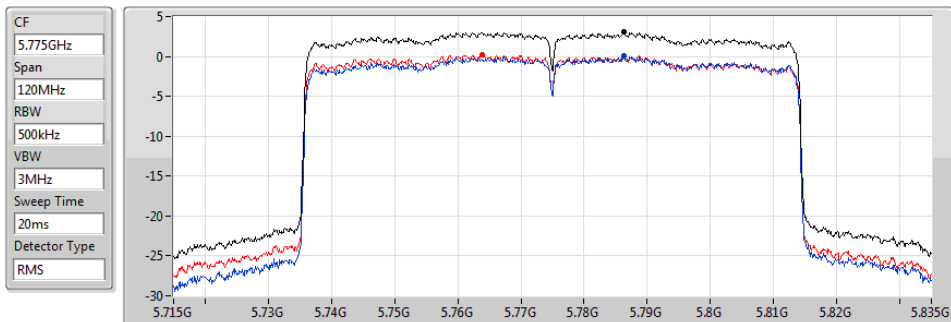
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.48	2.48	-0.67	-0.19

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

13/10/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.04	3.04	0.11	0.19

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	10.31
802.11ac VHT20_Nss1,(MCS0)_1TX	9.77
802.11ac VHT40_Nss1,(MCS0)_1TX	5.81
802.11ac VHT80_Nss1,(MCS0)_1TX	-1.52
802.11ax HEW20_Nss1,(MCS0)_1TX	9.51
802.11ax HEW40_Nss1,(MCS0)_1TX	5.78
802.11ax HEW80_Nss1,(MCS0)_1TX	-1.49
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	6.81
802.11ac VHT20_Nss1,(MCS0)_1TX	8.12
802.11ac VHT40_Nss1,(MCS0)_1TX	4.72
802.11ac VHT80_Nss1,(MCS0)_1TX	-0.07
802.11ax HEW20_Nss1,(MCS0)_1TX	7.82
802.11ax HEW40_Nss1,(MCS0)_1TX	4.51
802.11ax HEW80_Nss1,(MCS0)_1TX	0.17

RBW = 500 kHz 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	-	-	-	-	-
5180MHz	Pass	8.00	6.67	6.67	15.00
5200MHz	Pass	8.00	10.31	10.31	15.00
5240MHz	Pass	8.00	10.02	10.02	15.00
5745MHz	Pass	8.00	6.81	6.81	28.00
5785MHz	Pass	8.00	4.55	4.55	28.00
5825MHz	Pass	8.00	6.70	6.70	28.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	8.00	5.93	5.93	15.00
5200MHz	Pass	8.00	9.77	9.77	15.00
5240MHz	Pass	8.00	9.28	9.28	15.00
5745MHz	Pass	8.00	4.59	4.59	28.00
5785MHz	Pass	8.00	5.59	5.59	28.00
5825MHz	Pass	8.00	8.12	8.12	28.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	8.00	0.69	0.69	15.00
5230MHz	Pass	8.00	5.81	5.81	15.00
5755MHz	Pass	8.00	4.72	4.72	28.00
5795MHz	Pass	8.00	3.32	3.32	28.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	8.00	-1.52	-1.52	15.00
5775MHz	Pass	8.00	-0.07	-0.07	28.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	8.00	5.78	5.78	15.00
5200MHz	Pass	8.00	9.51	9.51	15.00
5240MHz	Pass	8.00	9.24	9.24	15.00
5745MHz	Pass	8.00	4.61	4.61	28.00
5785MHz	Pass	8.00	5.45	5.45	28.00
5825MHz	Pass	8.00	7.82	7.82	28.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	8.00	0.60	0.60	15.00
5230MHz	Pass	8.00	5.78	5.78	15.00
5755MHz	Pass	8.00	4.51	4.51	28.00
5795MHz	Pass	8.00	3.35	3.35	28.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	8.00	-1.49	-1.49	15.00
5775MHz	Pass	8.00	0.17	0.17	28.00

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

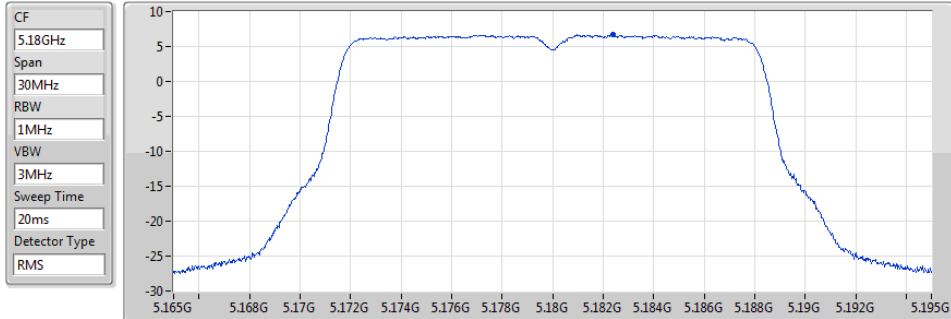
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5180MHz

12/10/2019



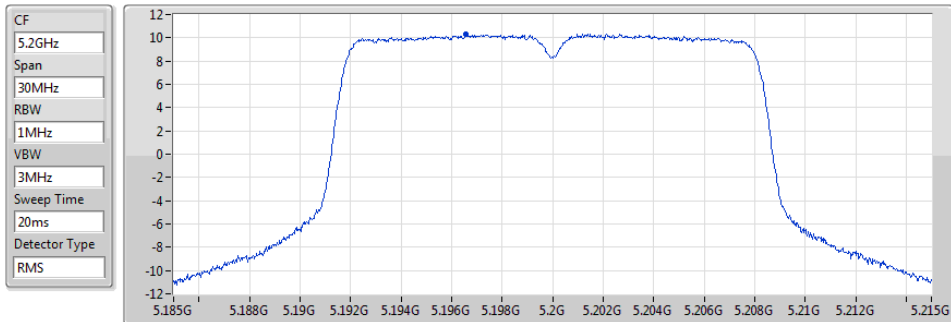
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.67	6.67	6.67

802.11a_Nss1,(6Mbps)_1TX

PSD

5200MHz

12/10/2019



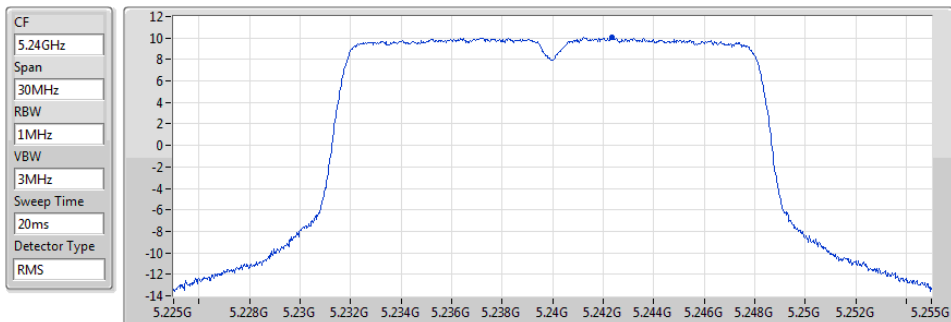
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.31	10.31	10.31

802.11a_Nss1,(6Mbps)_1TX

PSD

5240MHz

12/10/2019



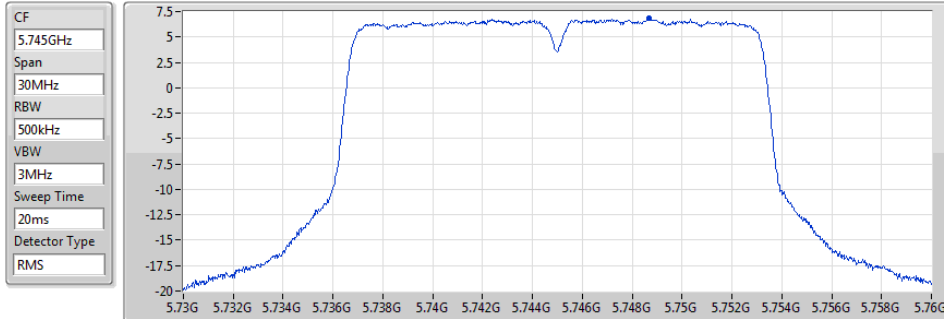
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.02	10.02	10.02

802.11a_Nss1,(6Mbps)_1TX

PSD

5745MHz

12/10/2019



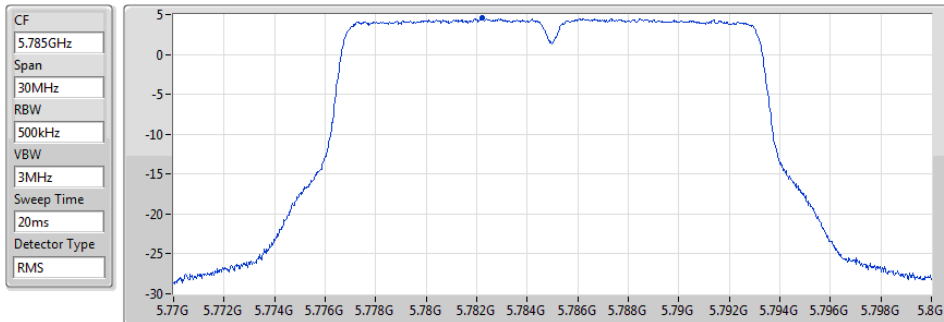
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.81	6.81	6.81

802.11a_Nss1,(6Mbps)_1TX

PSD

5785MHz

12/10/2019



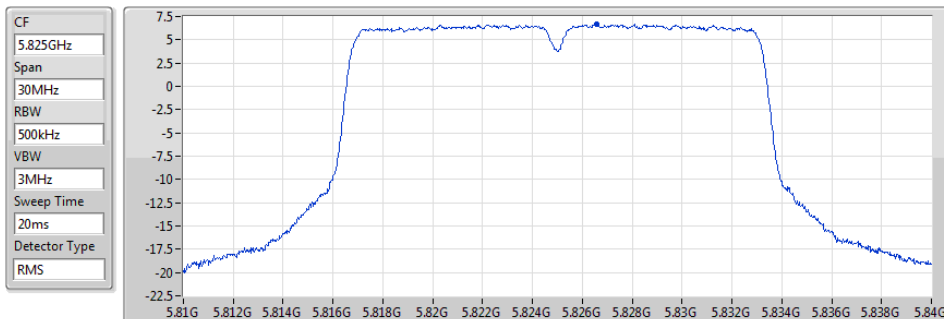
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.55	4.55	4.55

802.11a_Nss1,(6Mbps)_1TX

PSD

5825MHz

12/10/2019



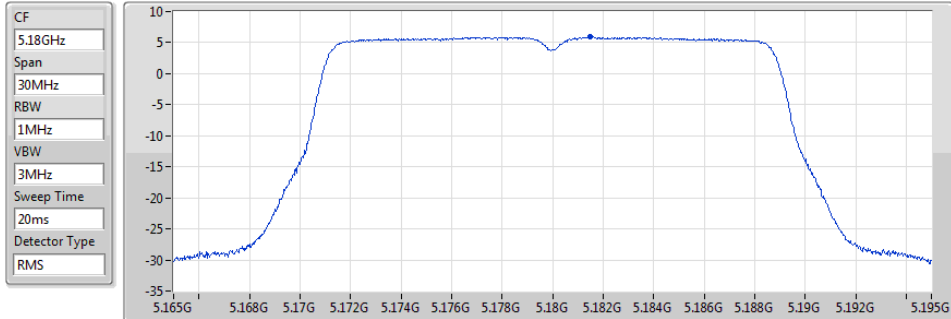
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.70	6.70	6.70

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5180MHz

12/10/2019



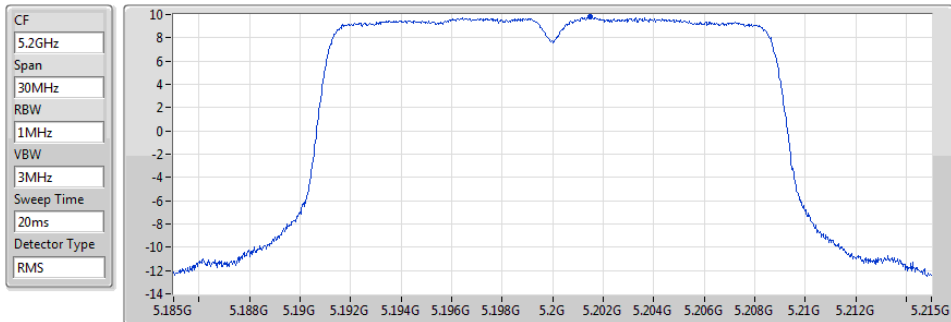
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.93	5.93	5.93

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5200MHz

12/10/2019



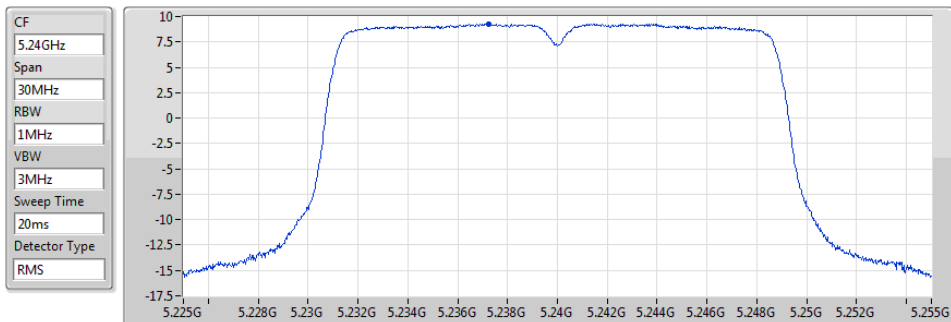
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.77	9.77	9.77

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5240MHz

12/10/2019



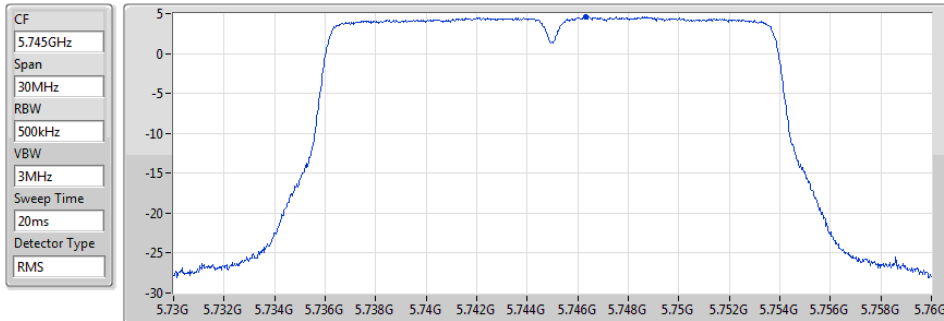
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.28	9.28	9.28

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5745MHz

12/10/2019



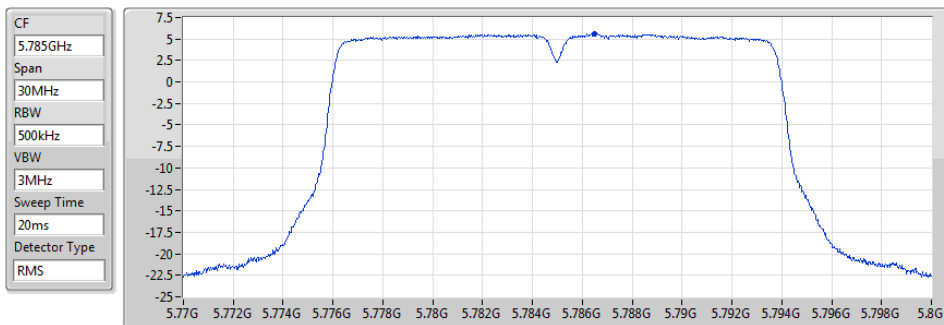
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.59	4.59	4.59

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5785MHz

12/10/2019



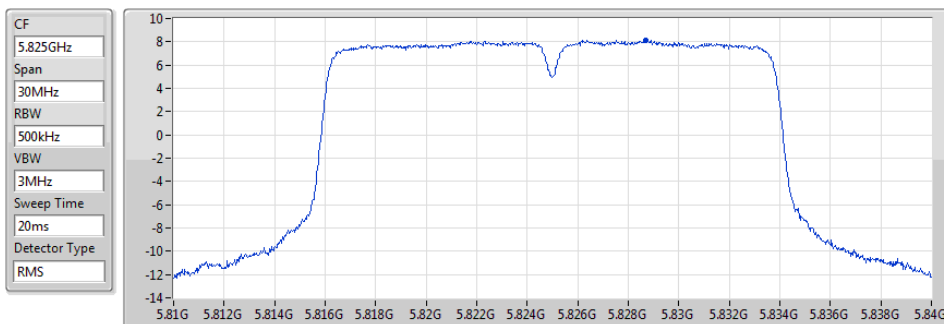
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.59	5.59	5.59

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5825MHz

12/10/2019



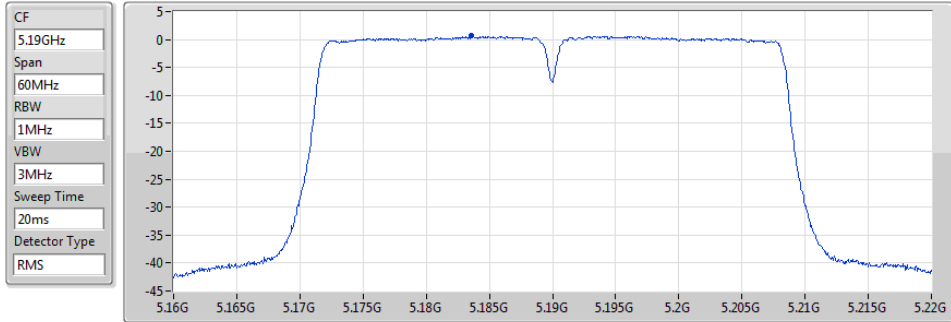
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.12	8.12	8.12

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5190MHz

12/10/2019



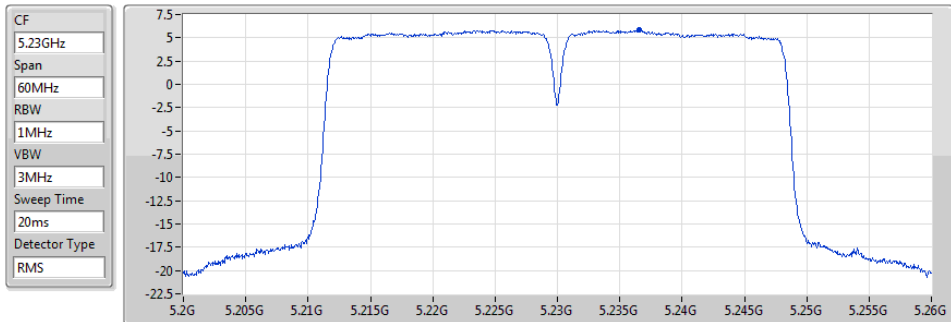
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.69	0.69	0.69

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5230MHz

12/10/2019



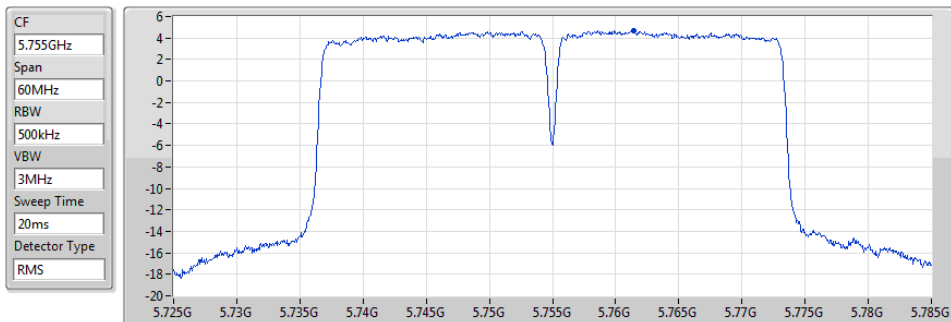
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.81	5.81	5.81

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5755MHz

12/10/2019



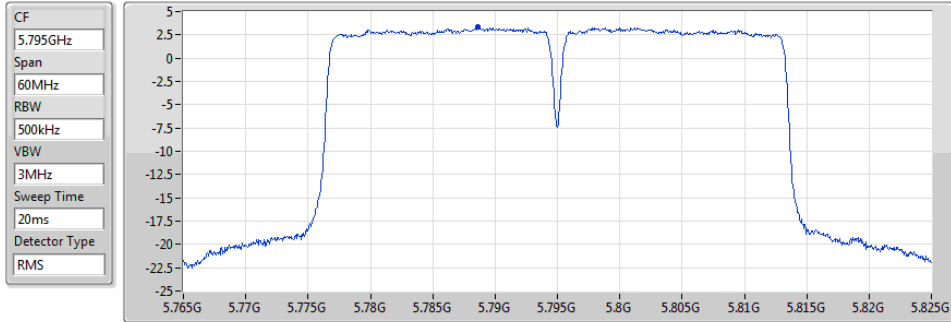
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.72	4.72	4.72

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5795MHz

12/10/2019



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.32	3.32	3.32

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5210MHz

12/10/2019



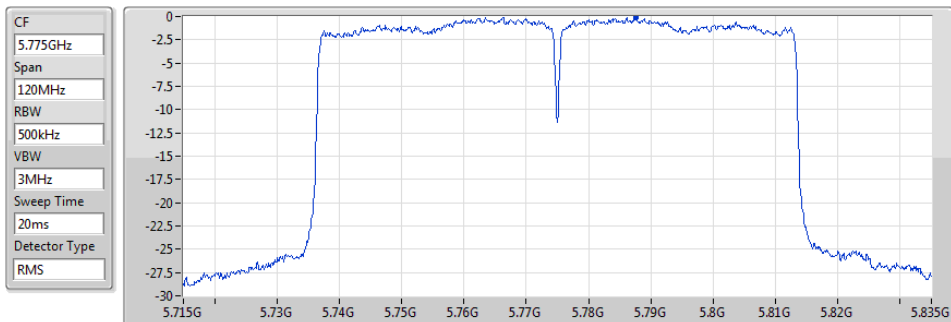
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.52	-1.52	-1.52

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5775MHz

12/10/2019



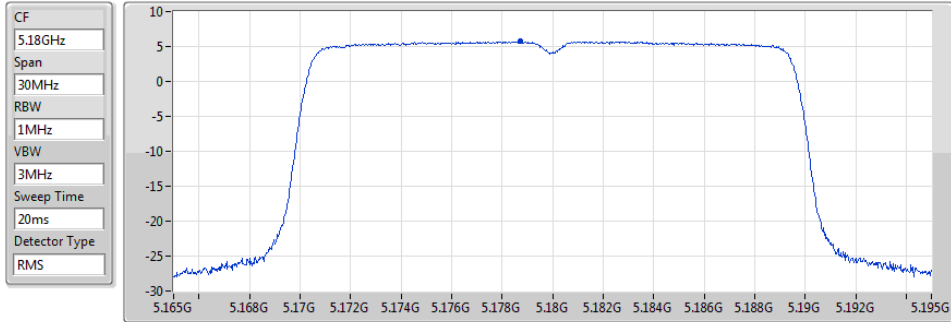
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.07	-0.07	-0.07

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5180MHz

12/10/2019



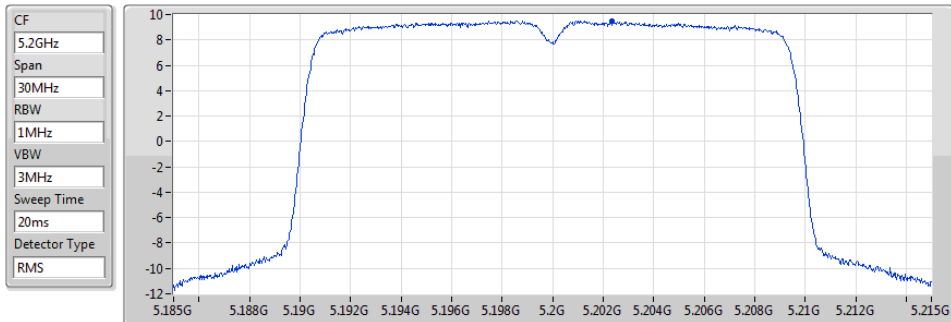
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.78	5.78	5.78

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5200MHz

12/10/2019



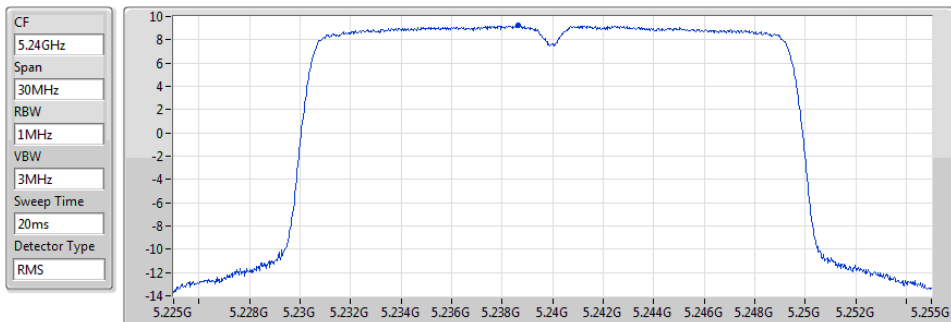
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.51	9.51	9.51

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5240MHz

12/10/2019



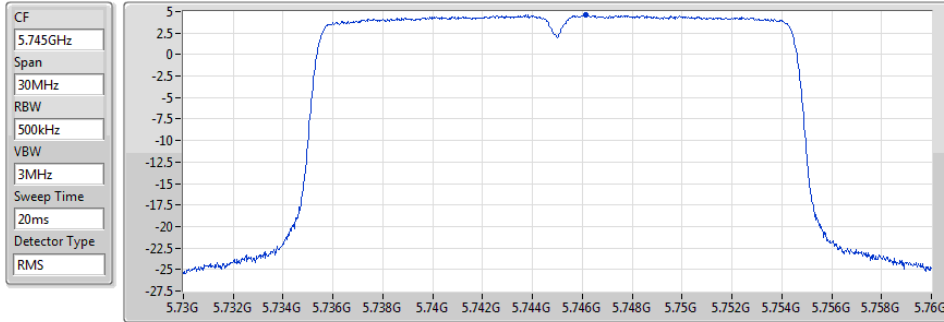
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.24	9.24	9.24

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5745MHz

12/10/2019



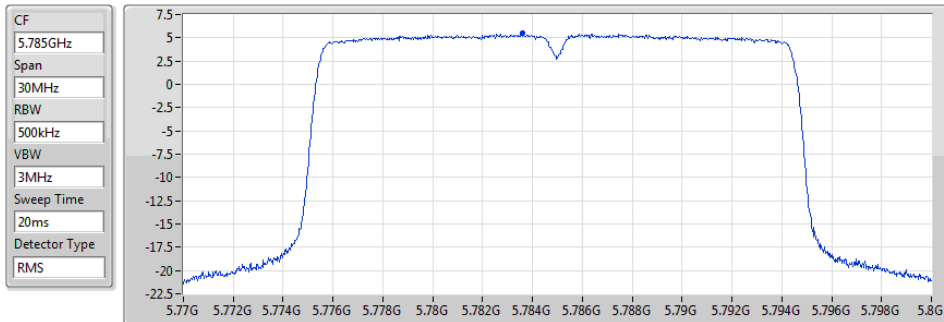
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.61	4.61	4.61

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5785MHz

12/10/2019



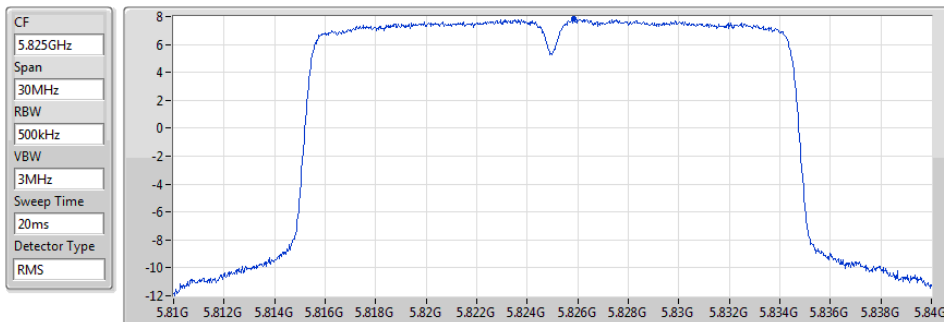
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.45	5.45	5.45

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5825MHz

12/10/2019



Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.82	7.82	7.82

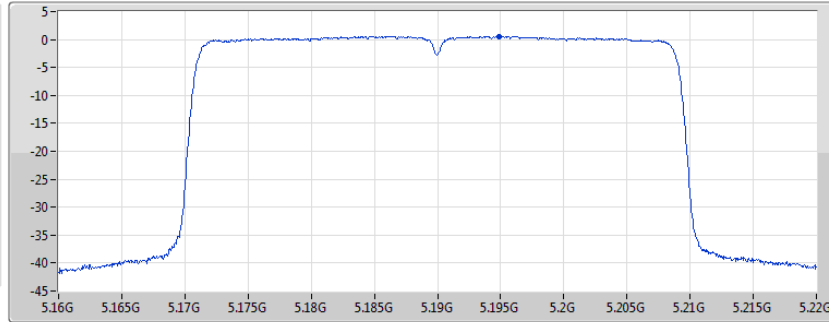
802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5190MHz

12/10/2019

CF
5.19GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.60	0.60	0.60

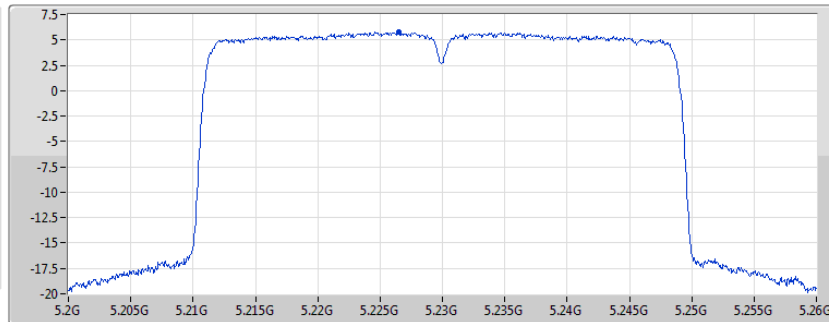
802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5230MHz

12/10/2019

CF
5.23GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.78	5.78	5.78

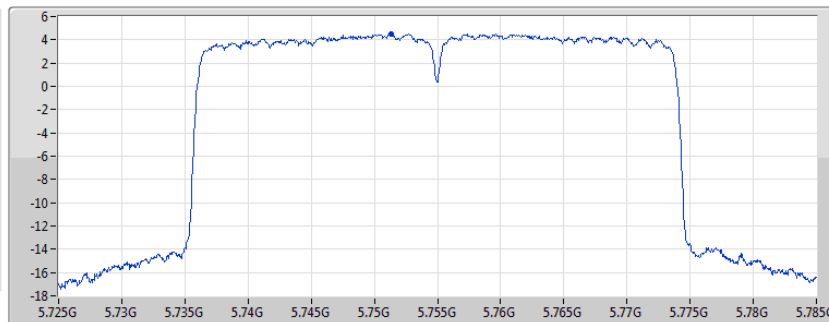
802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5755MHz

12/10/2019

CF
5.755GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

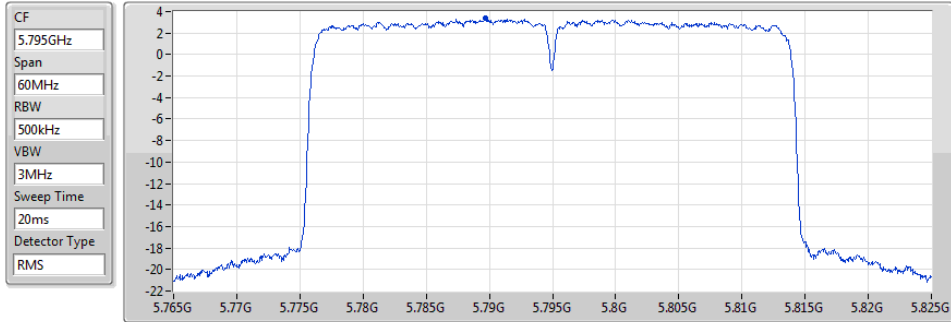
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.51	4.51	4.51

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5795MHz

12/10/2019



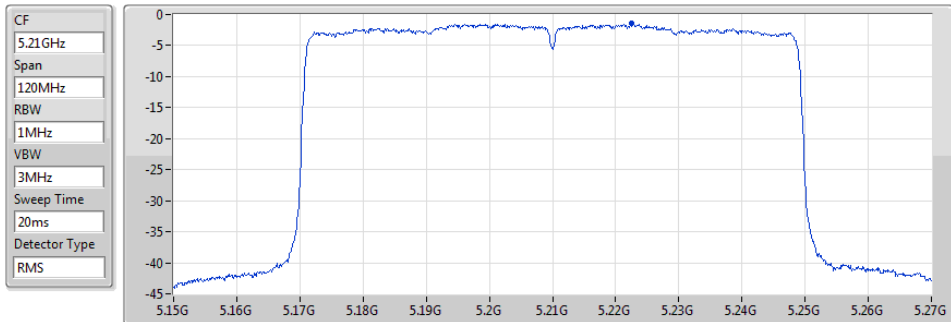
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.35	3.35	3.35

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5210MHz

12/10/2019



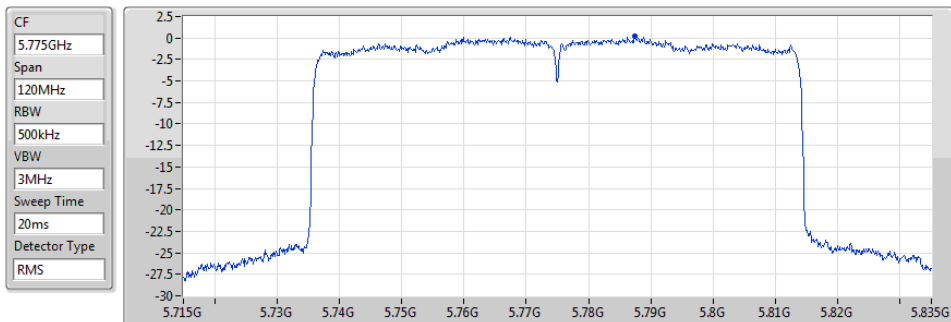
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.49	-1.49	-1.49

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5775MHz

12/10/2019



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.17	0.17	0.17

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	11.94
802.11ac VHT20_Nss2,(MCS0)_2TX	11.45
802.11ac VHT40_Nss2,(MCS0)_2TX	7.89
802.11ac VHT80_Nss2,(MCS0)_2TX	0.15
802.11ax HEW20_Nss2,(MCS0)_2TX	11.32
802.11ax HEW40_Nss2,(MCS0)_2TX	7.72
802.11ax HEW80_Nss2,(MCS0)_2TX	0.17
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	9.61
802.11ac VHT20_Nss2,(MCS0)_2TX	10.10
802.11ac VHT40_Nss2,(MCS0)_2TX	7.25
802.11ac VHT80_Nss2,(MCS0)_2TX	1.29
802.11ax HEW20_Nss2,(MCS0)_2TX	9.90
802.11ax HEW40_Nss2,(MCS0)_2TX	7.16
802.11ax HEW80_Nss2,(MCS0)_2TX	1.34

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	11.01	4.64	5.33	7.91	11.99
5200MHz	Pass	11.01	8.52	9.51	11.94	11.99
5240MHz	Pass	11.01	8.31	9.49	11.86	11.99
5745MHz	Pass	11.01	5.54	7.15	9.41	24.99
5785MHz	Pass	11.01	4.48	5.76	8.14	24.99
5825MHz	Pass	11.01	5.88	7.42	9.61	24.99
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.00	4.45	5.22	7.80	15.00
5200MHz	Pass	8.00	7.78	8.43	11.07	15.00
5240MHz	Pass	8.00	8.02	8.96	11.45	15.00
5745MHz	Pass	8.00	6.10	8.06	10.10	28.00
5785MHz	Pass	8.00	5.21	6.73	8.93	28.00
5825MHz	Pass	8.00	5.87	7.40	9.64	28.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	8.00	-0.18	0.29	2.97	15.00
5230MHz	Pass	8.00	4.47	5.33	7.89	15.00
5755MHz	Pass	8.00	3.03	4.58	6.79	28.00
5795MHz	Pass	8.00	3.60	4.90	7.25	28.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	8.00	-3.22	-2.43	0.15	15.00
5775MHz	Pass	8.00	-2.44	-0.94	1.29	28.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.00	4.53	5.02	7.69	15.00
5200MHz	Pass	8.00	7.50	8.46	10.94	15.00
5240MHz	Pass	8.00	7.84	8.79	11.32	15.00
5745MHz	Pass	8.00	5.93	7.76	9.90	28.00
5785MHz	Pass	8.00	5.22	6.49	8.86	28.00
5825MHz	Pass	8.00	5.80	7.20	9.48	28.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	8.00	-0.18	0.24	2.98	15.00
5230MHz	Pass	8.00	4.35	5.21	7.72	15.00
5755MHz	Pass	8.00	2.90	4.48	6.69	28.00
5795MHz	Pass	8.00	3.61	4.82	7.16	28.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	8.00	-3.12	-2.48	0.17	15.00
5775MHz	Pass	8.00	-2.31	-0.91	1.34	28.00

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

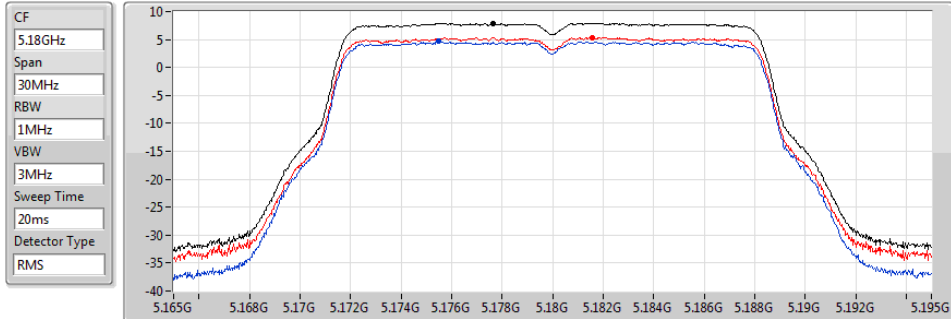
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

12/10/2019



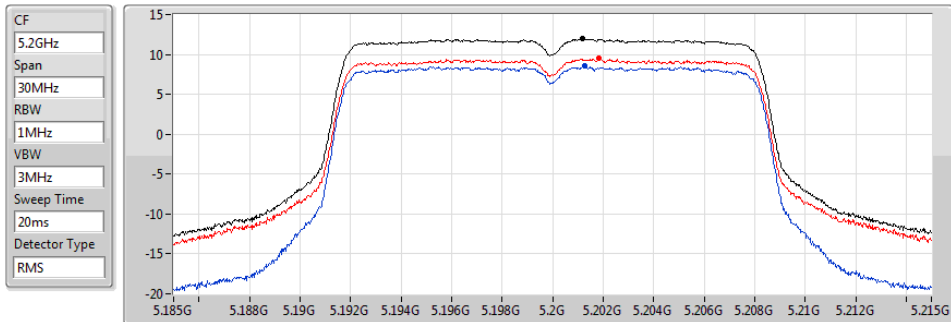
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.91	7.91	4.64	5.33

802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

12/10/2019



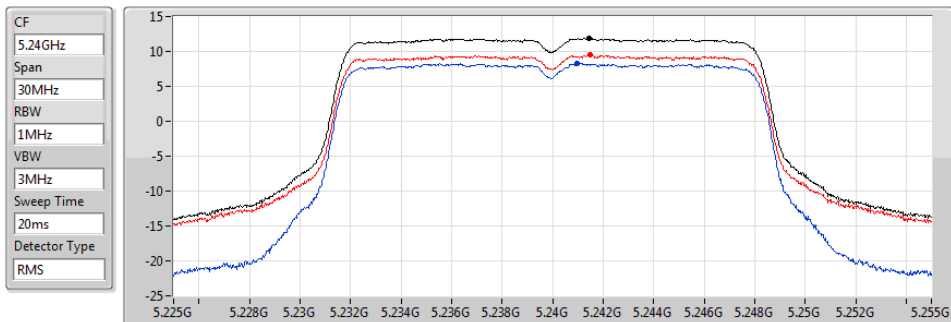
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.94	11.94	8.52	9.51

802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

12/10/2019



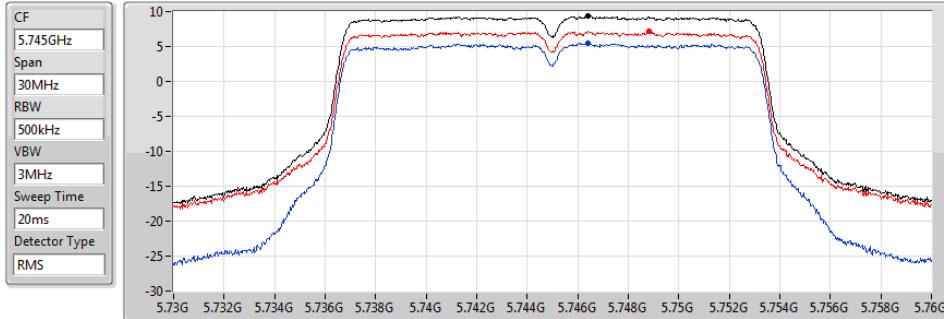
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.86	11.86	8.31	9.49

802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

12/10/2019



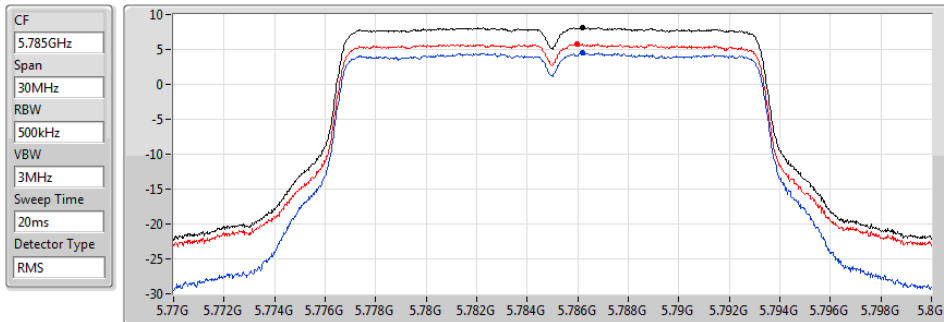
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.41	9.41	5.54	7.15

802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

12/10/2019



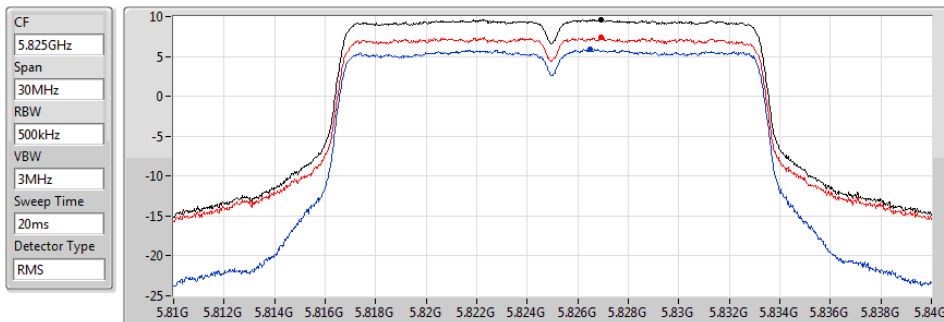
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.14	8.14	4.48	5.76

802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

12/10/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.61	9.61	5.88	7.42

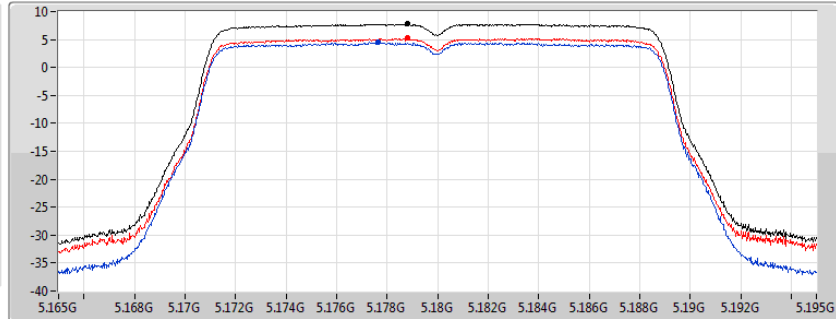
802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5180MHz

12/10/2019

CF
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.80	7.80	4.45	5.22

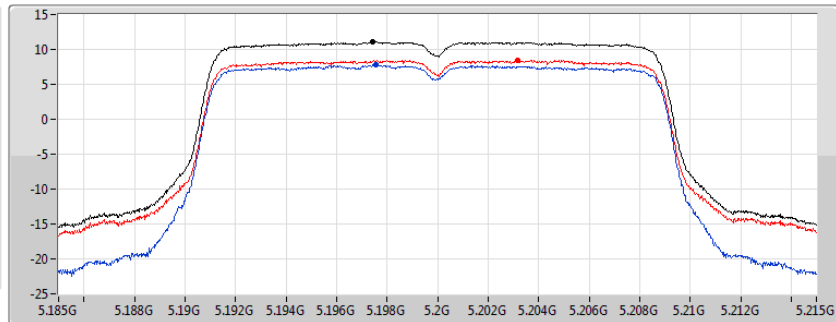
802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5200MHz

12/10/2019

CF
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.07	11.07	7.78	8.43

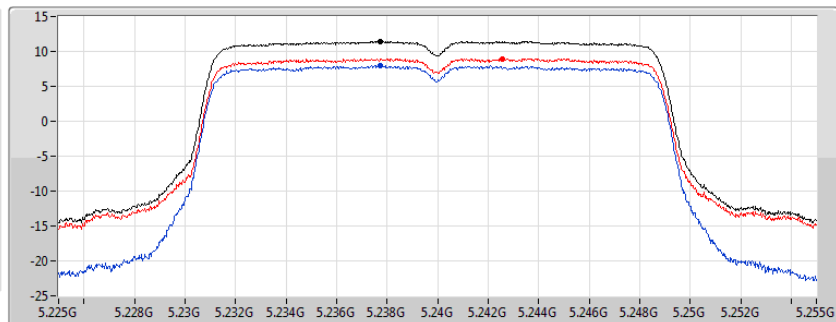
802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5240MHz

12/10/2019

CF
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

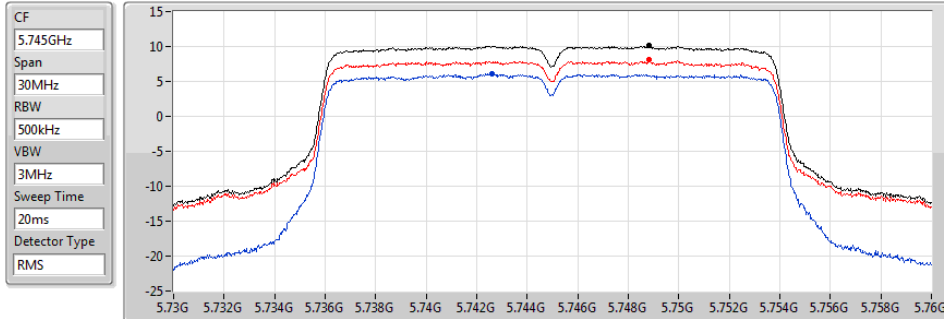
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.45	11.45	8.02	8.96

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5745MHz

12/10/2019



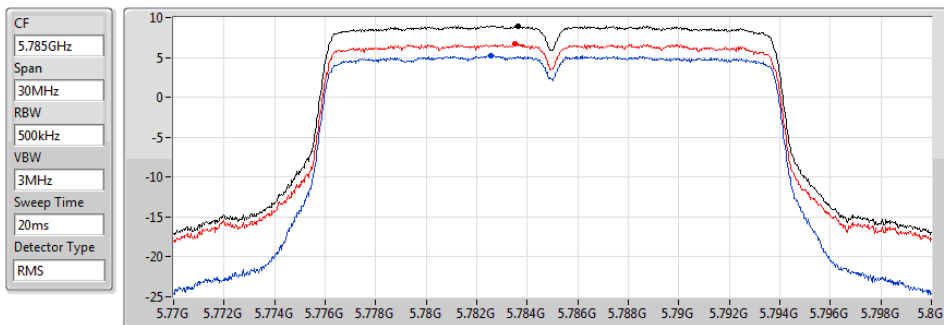
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.10	10.10	6.10	8.06

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5785MHz

12/10/2019



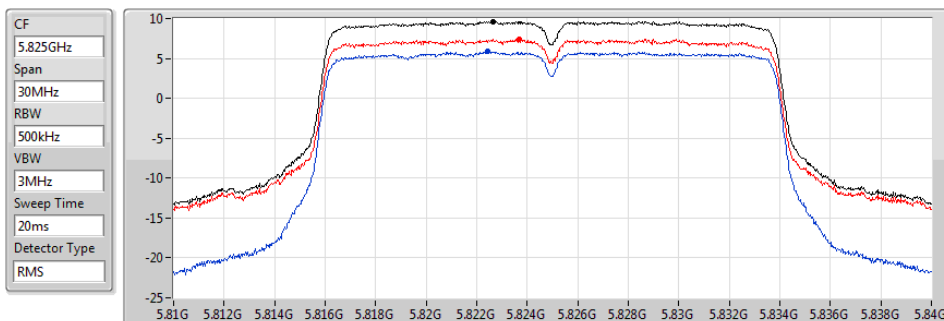
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.93	8.93	5.21	6.73

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5825MHz

12/10/2019



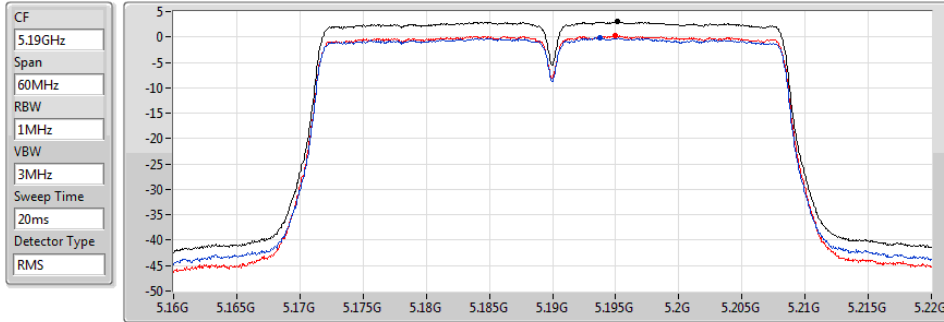
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.64	9.64	5.87	7.40

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5190MHz

12/10/2019



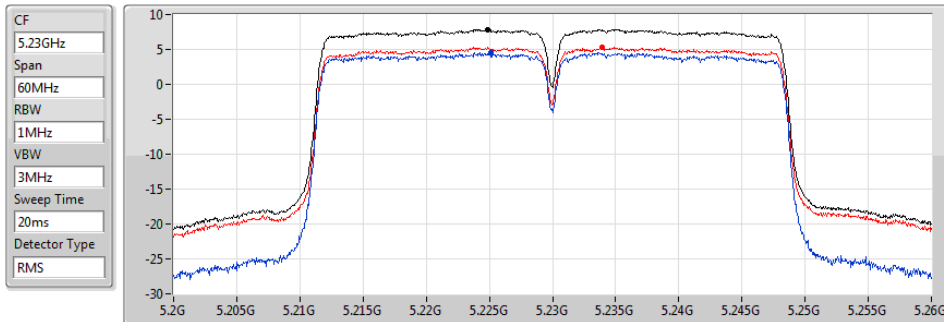
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.97	2.97	-0.18	0.29

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5230MHz

12/10/2019



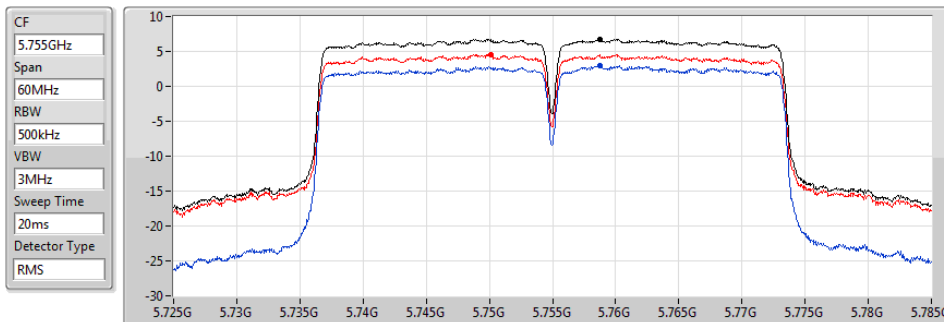
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.89	7.89	4.47	5.33

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5755MHz

12/10/2019



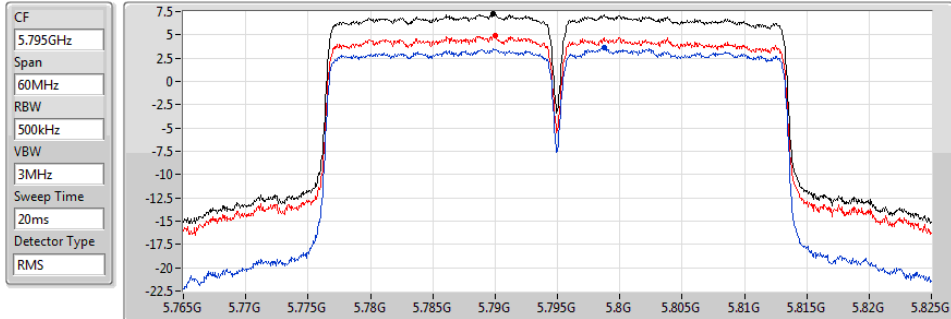
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.79	6.79	3.03	4.58

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5795MHz

12/10/2019



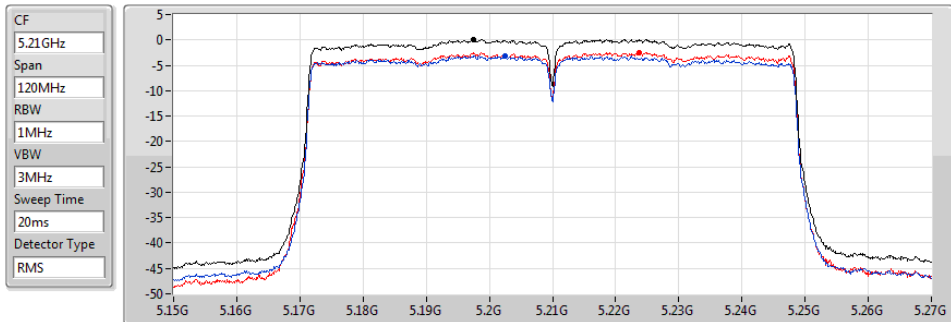
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.25	7.25	3.60	4.90

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5210MHz

12/10/2019



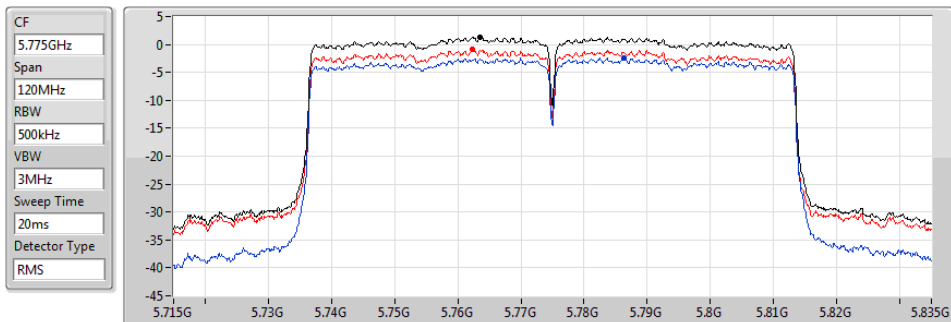
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.15	0.15	-3.22	-2.43

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5775MHz

12/10/2019



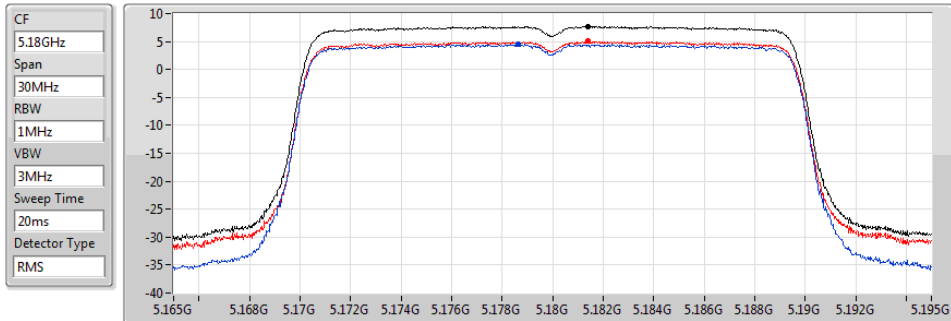
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.29	1.29	-2.44	-0.94

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5180MHz

12/10/2019



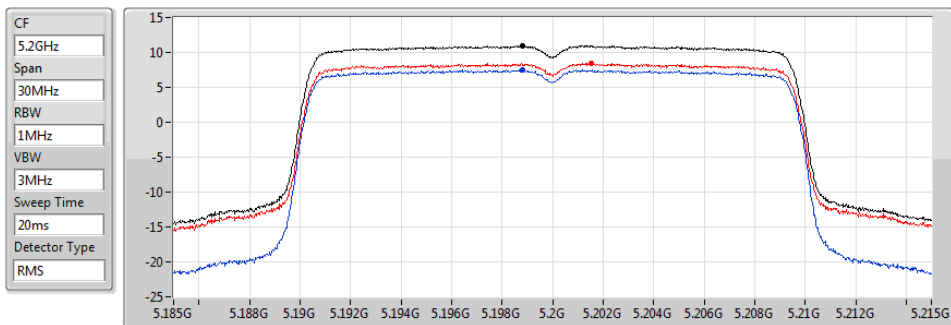
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.69	7.69	4.53	5.02

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5200MHz

12/10/2019



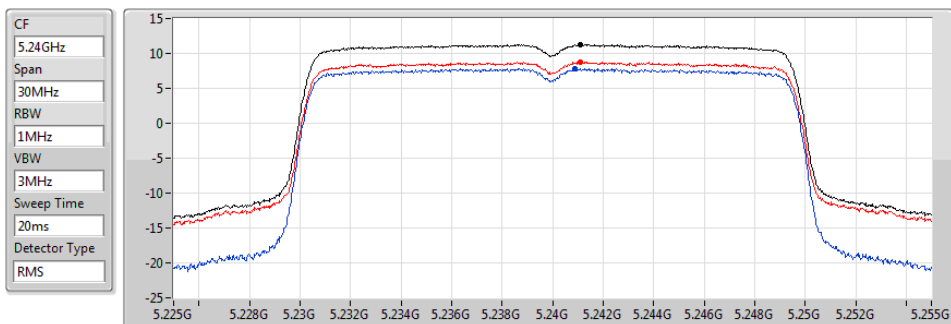
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.94	10.94	7.50	8.46

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5240MHz

12/10/2019



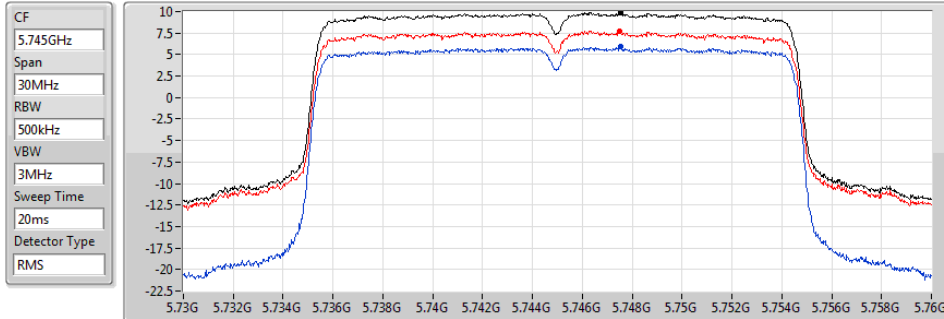
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.32	11.32	7.84	8.79

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5745MHz

12/10/2019



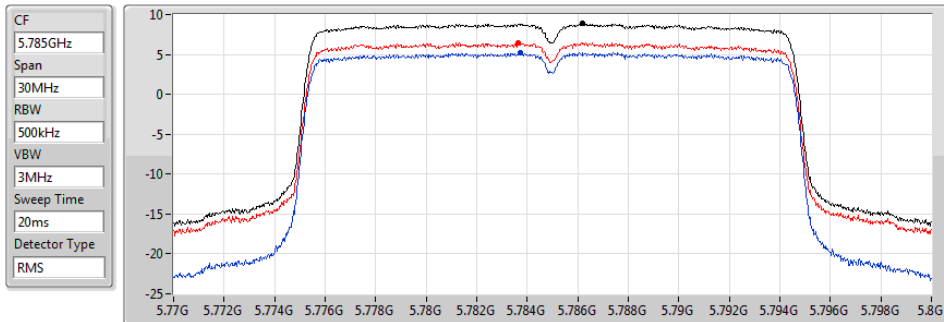
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.90	9.90	5.93	7.76

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5785MHz

12/10/2019



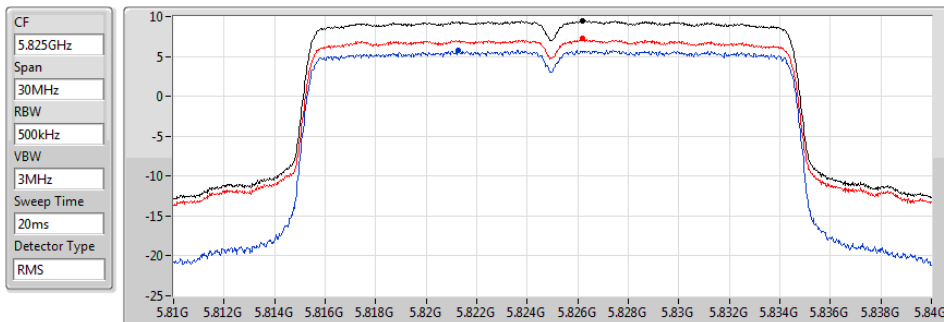
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.86	8.86	5.22	6.49

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5825MHz

12/10/2019



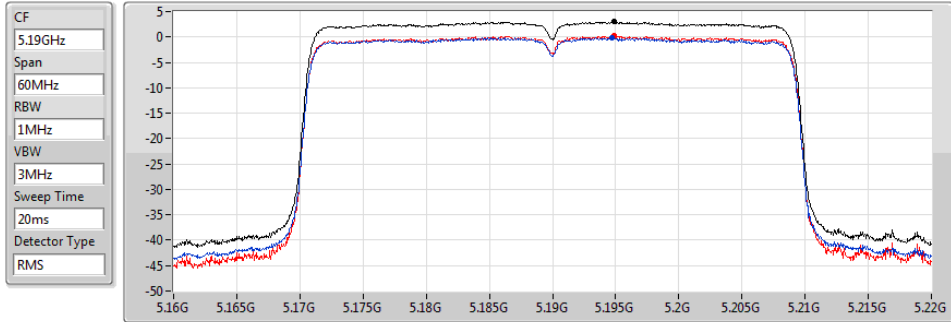
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.48	9.48	5.80	7.20

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5190MHz

12/10/2019



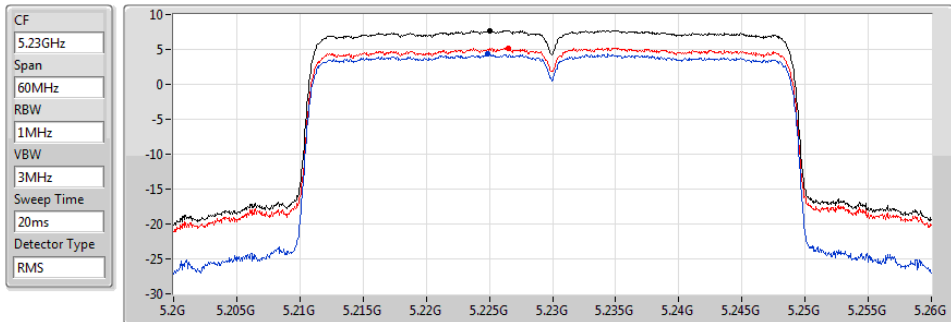
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
2.98	2.98	-0.18	0.24

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5230MHz

12/10/2019



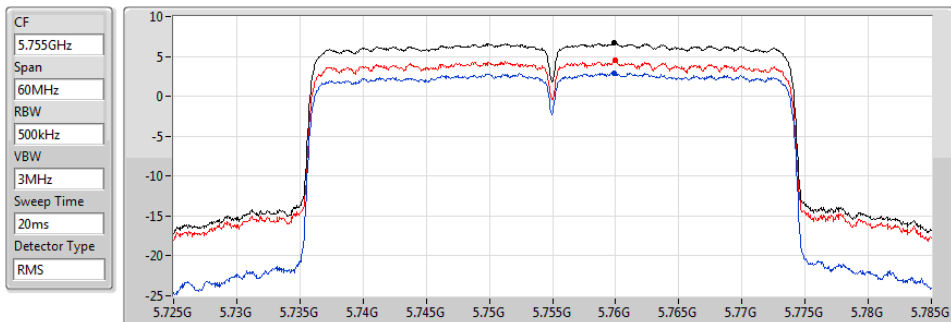
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
7.72	7.72	4.35	5.21

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5755MHz

12/10/2019



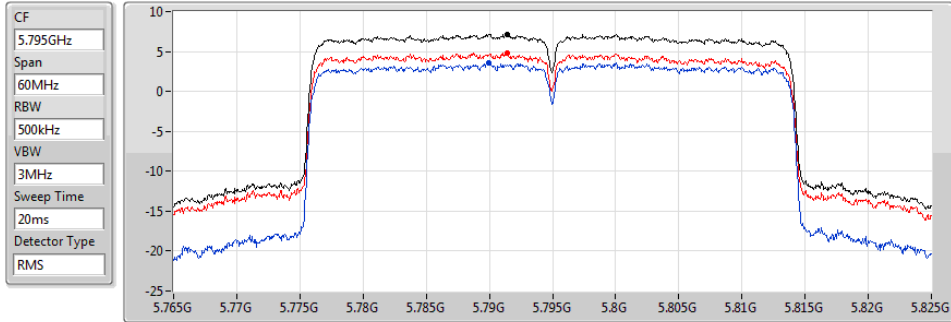
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
6.69	6.69	2.90	4.48

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5795MHz

12/10/2019



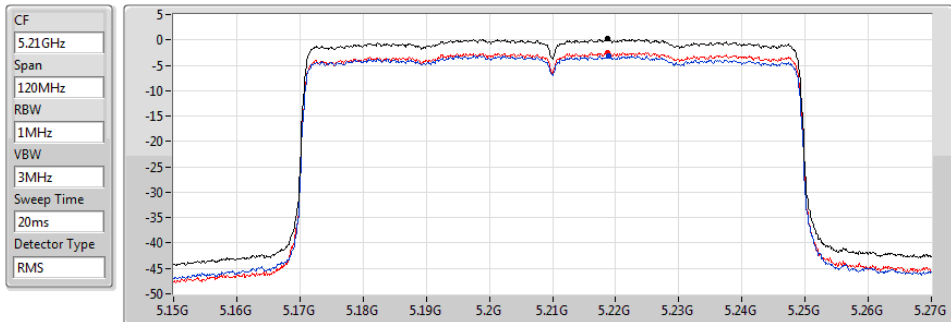
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.16	7.16	3.61	4.82

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5210MHz

12/10/2019



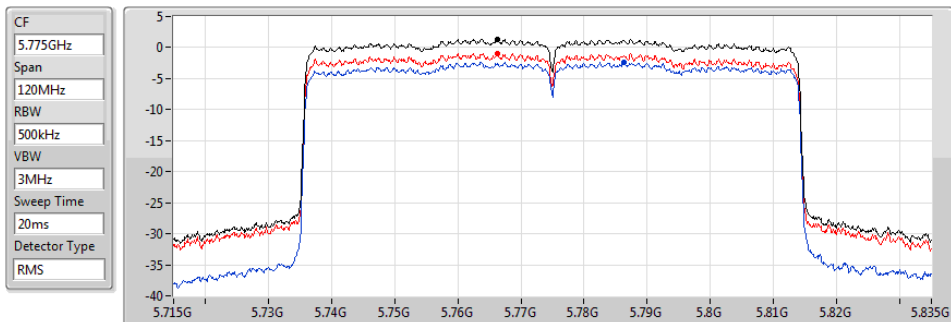
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.17	0.17	-3.12	-2.48

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5775MHz

12/10/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.34	1.34	-2.31	-0.91

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	11.18
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	8.20
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-0.34
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	11.84
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	8.28
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-0.21
5.725-5.85GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	8.50
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	6.43
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	2.11
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	8.84
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	6.66
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	2.35

RBW = 500 kHz 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)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	11.01	4.23	4.98	7.55	11.99
5200MHz	Pass	11.01	7.83	8.12	10.93	11.99
5240MHz	Pass	11.01	8.09	8.44	11.18	11.99
5745MHz	Pass	11.01	3.12	3.73	6.38	24.99
5785MHz	Pass	11.01	4.59	5.29	7.84	24.99
5825MHz	Pass	11.01	5.10	5.96	8.50	24.99
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	11.01	0.13	0.15	3.12	11.99
5230MHz	Pass	11.01	4.95	5.54	8.20	11.99
5755MHz	Pass	11.01	2.60	3.35	5.96	24.99
5795MHz	Pass	11.01	3.11	3.92	6.43	24.99
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	11.01	-3.87	-2.88	-0.34	11.99
5775MHz	Pass	11.01	-1.24	-0.26	2.11	24.99
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	11.01	4.85	5.37	8.09	11.99
5200MHz	Pass	11.01	8.20	8.74	11.45	11.99
5240MHz	Pass	11.01	8.65	9.12	11.84	11.99
5745MHz	Pass	11.01	3.59	4.23	6.86	24.99
5785MHz	Pass	11.01	4.97	5.68	8.25	24.99
5825MHz	Pass	11.01	5.48	6.28	8.84	24.99
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	11.01	0.16	0.55	3.36	11.99
5230MHz	Pass	11.01	5.27	5.40	8.28	11.99
5755MHz	Pass	11.01	2.72	3.34	5.92	24.99
5795MHz	Pass	11.01	3.15	4.15	6.66	24.99
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	11.01	-3.60	-2.62	-0.21	11.99
5775MHz	Pass	11.01	-1.01	-0.15	2.35	24.99

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

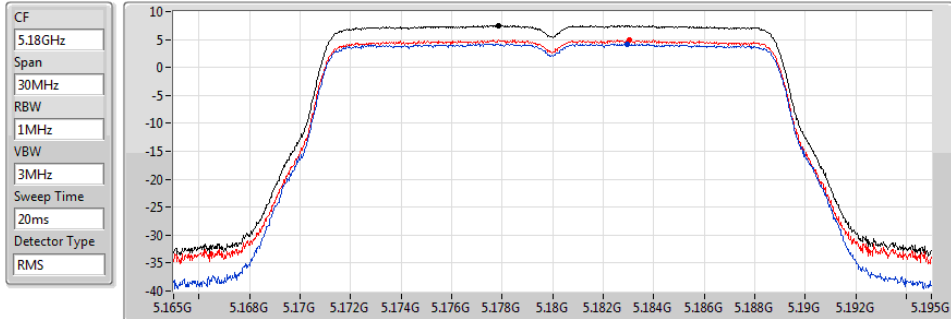
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

14/10/2019



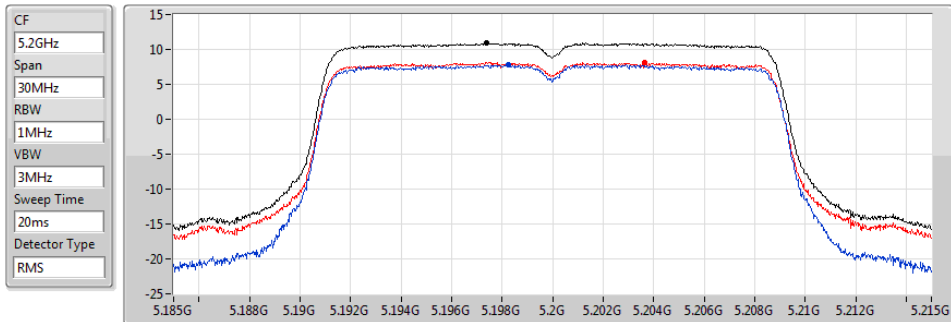
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.55	7.55	4.23	4.98

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

14/10/2019



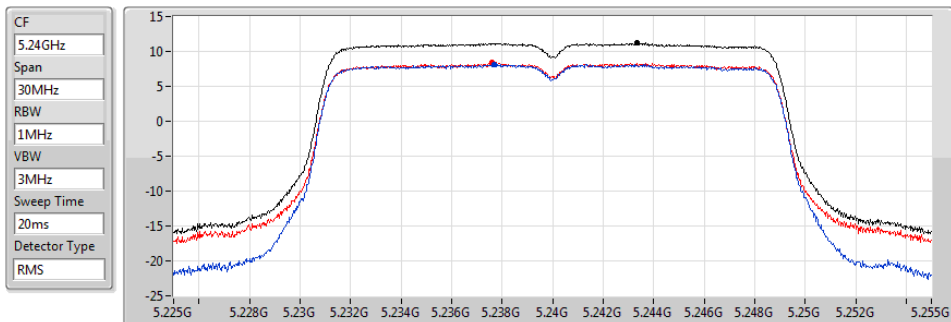
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.93	10.93	7.83	8.12

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

14/10/2019



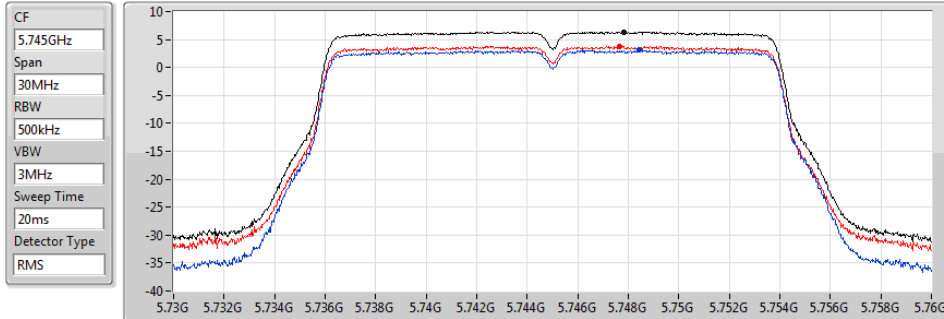
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.18	11.18	8.09	8.44

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

16/10/2019



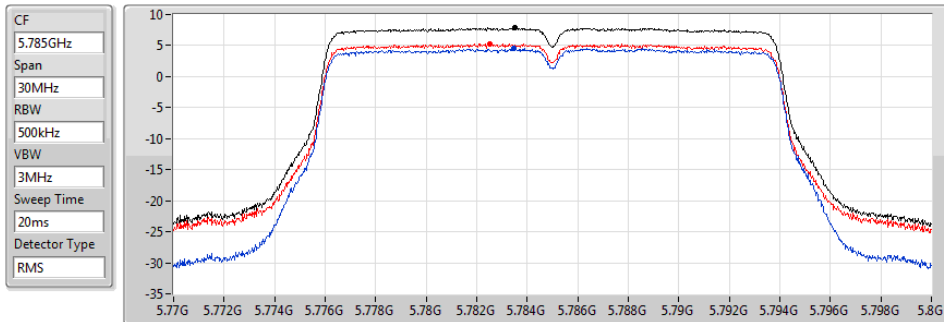
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.38	6.38	3.12	3.73

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

16/10/2019



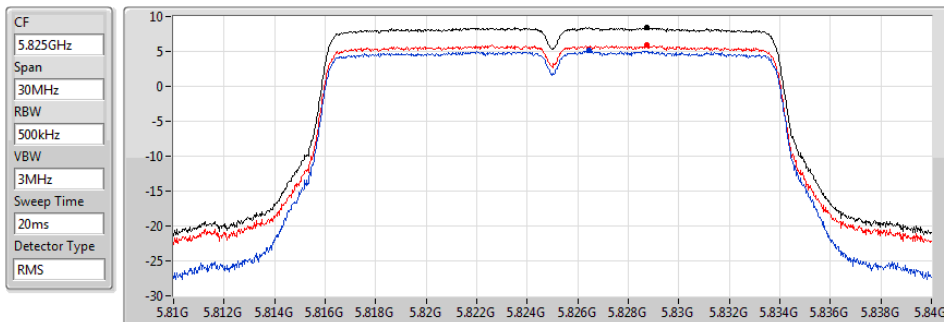
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.84	7.84	4.59	5.29

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

16/10/2019



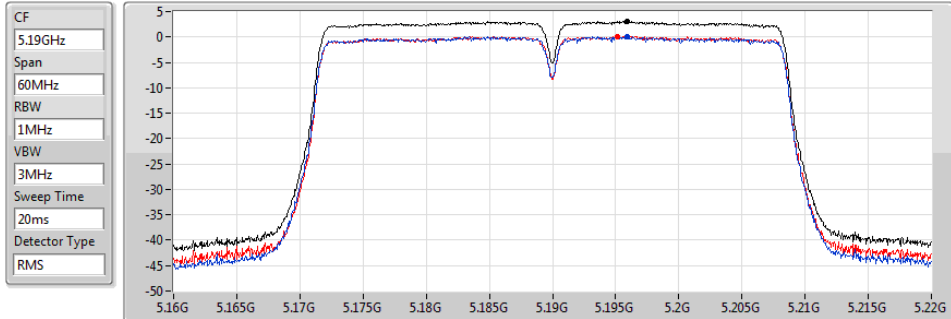
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.50	8.50	5.10	5.96

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

14/10/2019



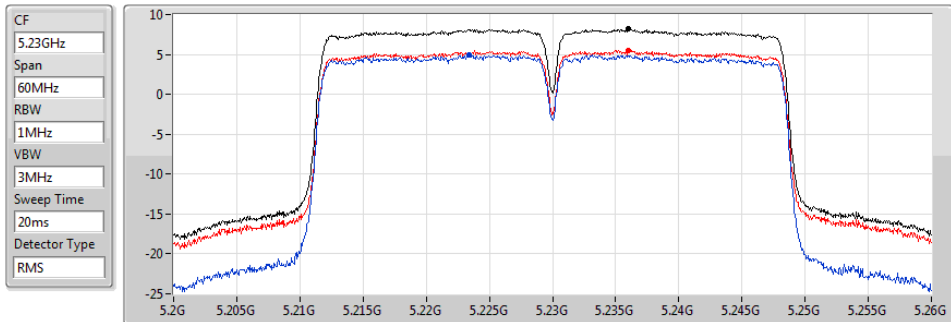
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.12	3.12	0.13	0.15

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

14/10/2019



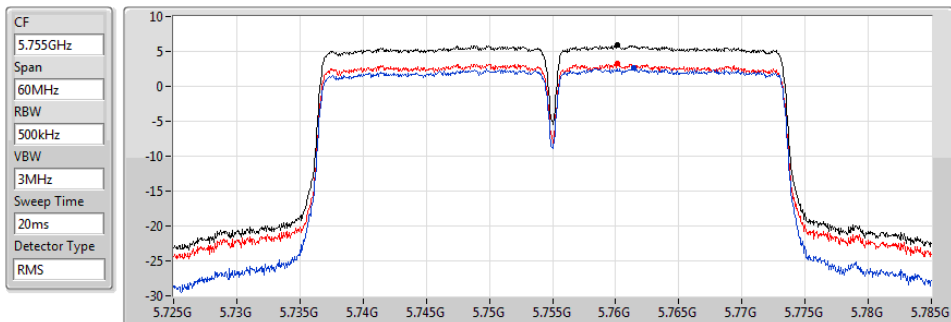
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.20	8.20	4.95	5.54

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

16/10/2019



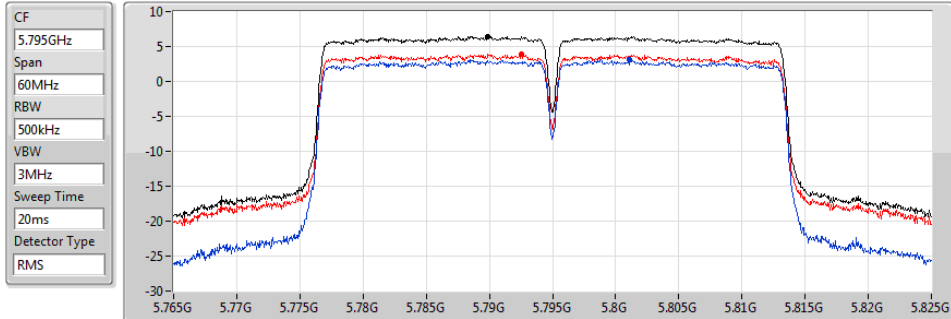
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.96	5.96	2.60	3.35

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

16/10/2019



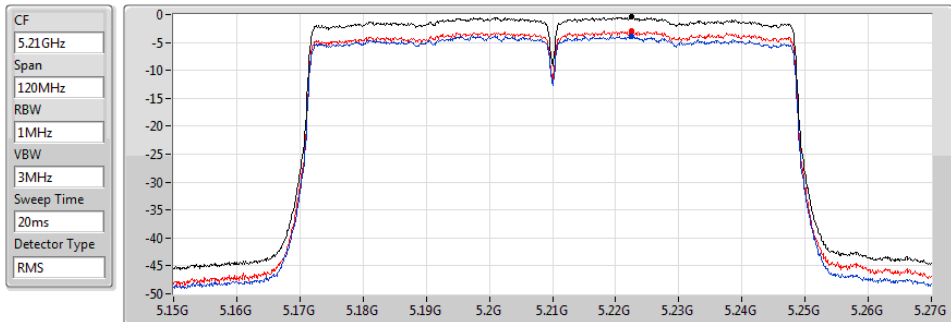
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.43	6.43	3.11	3.92

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

14/10/2019



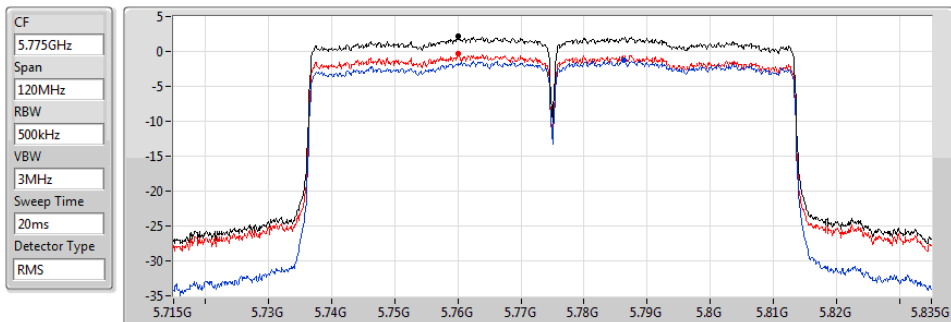
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.34	-0.34	-3.87	-2.88

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

14/10/2019



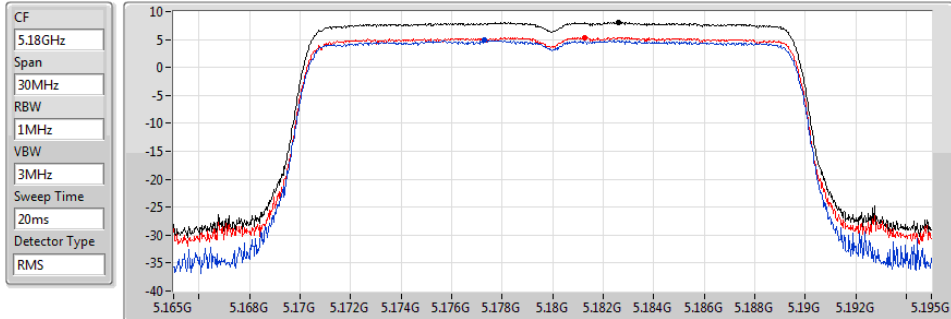
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.11	2.11	-1.24	-0.26

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

14/10/2019



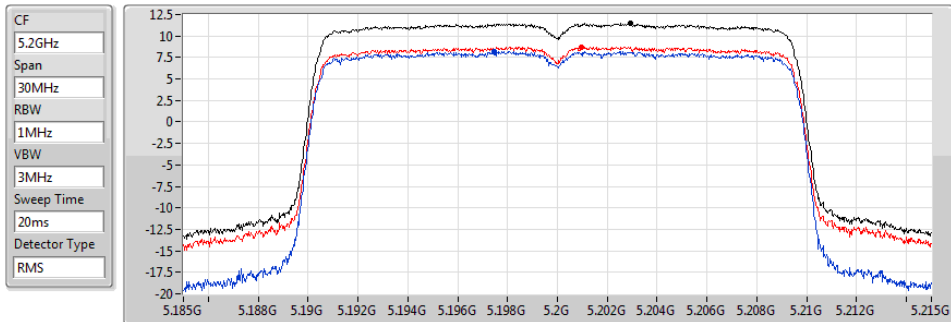
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.09	8.09	4.85	5.37

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

14/10/2019



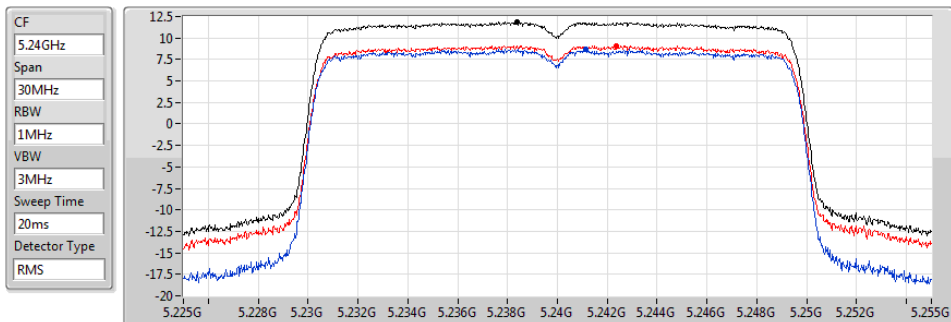
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.45	11.45	8.20	8.74

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

14/10/2019



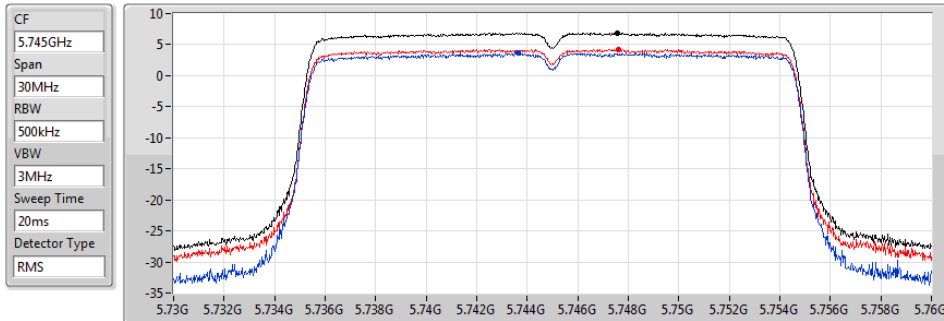
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.84	11.84	8.65	9.12

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

16/10/2019



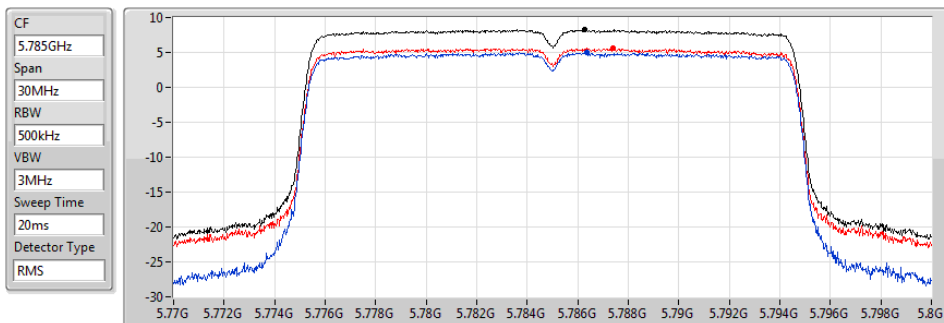
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.86	6.86	3.59	4.23

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

16/10/2019



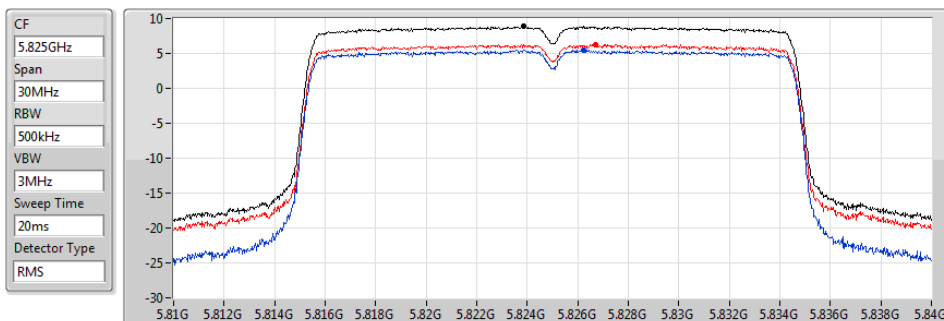
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.25	8.25	4.97	5.68

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

16/10/2019



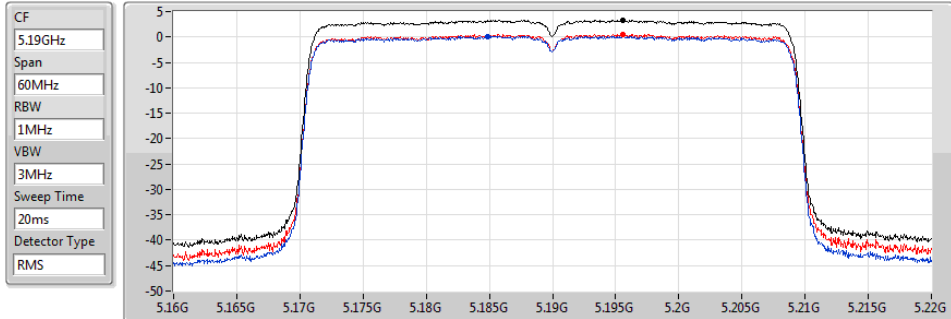
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.84	8.84	5.48	6.28

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5190MHz

PSD

14/10/2019



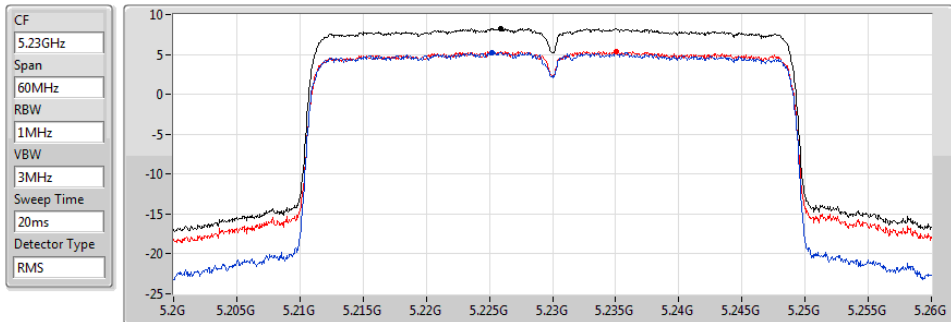
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.36	3.36	0.16	0.55

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5230MHz

PSD

14/10/2019



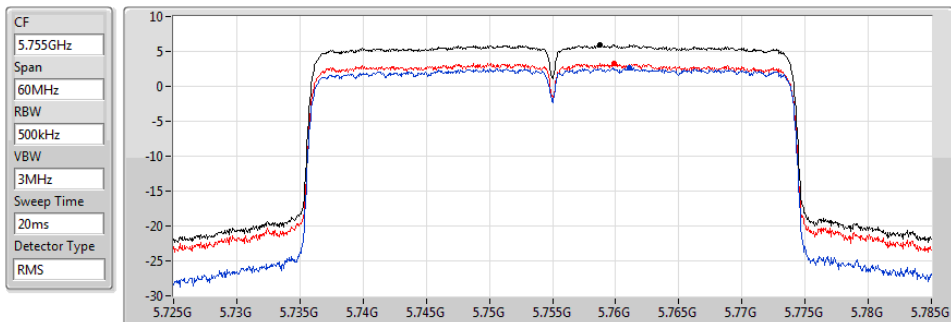
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.28	8.28	5.27	5.40

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5755MHz

PSD

16/10/2019



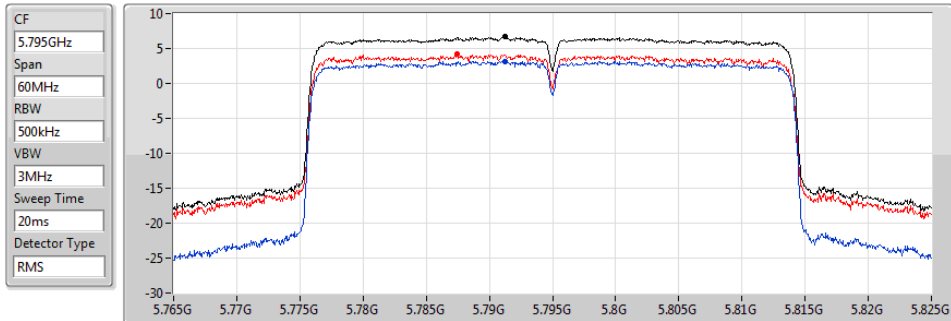
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.92	5.92	2.72	3.34

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

16/10/2019



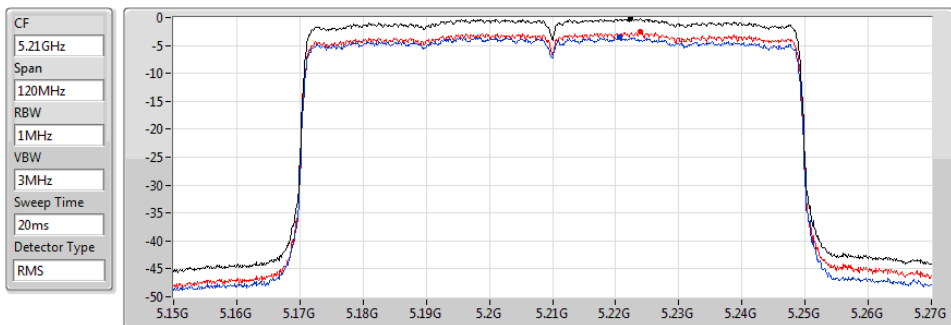
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.66	6.66	3.15	4.15

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

14/10/2019



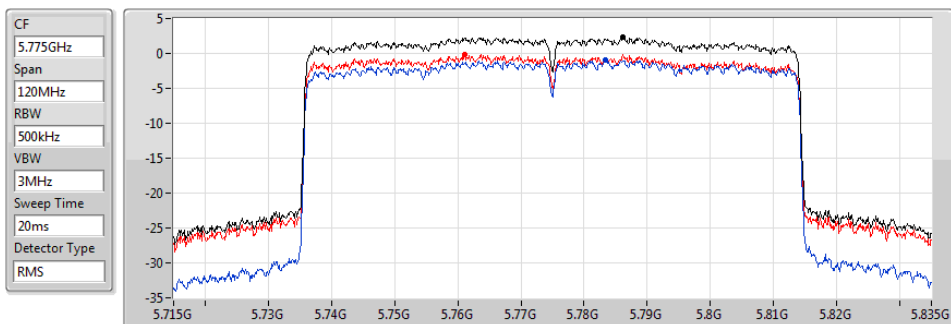
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.21	-0.21	-3.60	-2.62

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

14/10/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.35	2.35	-1.01	-0.15

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	10.41
802.11ac VHT20_Nss1,(MCS0)_1TX	9.46
802.11ac VHT40_Nss1,(MCS0)_1TX	5.21
802.11ac VHT80_Nss1,(MCS0)_1TX	-2.01
802.11ax HEW20_Nss1,(MCS0)_1TX	9.40
802.11ax HEW40_Nss1,(MCS0)_1TX	5.34
802.11ax HEW80_Nss1,(MCS0)_1TX	-1.86
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	9.81
802.11ac VHT20_Nss1,(MCS0)_1TX	9.73
802.11ac VHT40_Nss1,(MCS0)_1TX	5.12
802.11ac VHT80_Nss1,(MCS0)_1TX	-1.39
802.11ax HEW20_Nss1,(MCS0)_1TX	9.61
802.11ax HEW40_Nss1,(MCS0)_1TX	5.14
802.11ax HEW80_Nss1,(MCS0)_1TX	-1.47

RBW = 500 kHz 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	-	-	-	-	-
5180MHz	Pass	10.70	6.73	6.73	12.30
5200MHz	Pass	10.70	10.41	10.41	12.30
5240MHz	Pass	10.70	10.35	10.35	12.30
5745MHz	Pass	10.70	6.81	6.81	25.30
5785MHz	Pass	10.70	9.50	9.50	25.30
5825MHz	Pass	10.70	9.81	9.81	25.30
802.11ac_VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	10.70	5.41	5.41	12.30
5200MHz	Pass	10.70	9.10	9.10	12.30
5240MHz	Pass	10.70	9.46	9.46	12.30
5745MHz	Pass	10.70	6.48	6.48	25.30
5785MHz	Pass	10.70	9.73	9.73	25.30
5825MHz	Pass	10.70	9.26	9.26	25.30
802.11ac_VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	10.70	0.58	0.58	12.30
5230MHz	Pass	10.70	5.21	5.21	12.30
5755MHz	Pass	10.70	4.48	4.48	25.30
5795MHz	Pass	10.70	5.12	5.12	25.30
802.11ac_VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	10.70	-2.01	-2.01	12.30
5775MHz	Pass	10.70	-1.39	-1.39	25.30
802.11ax_HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	10.70	5.31	5.31	12.30
5200MHz	Pass	10.70	9.20	9.20	12.30
5240MHz	Pass	10.70	9.40	9.40	12.30
5745MHz	Pass	10.70	6.42	6.42	25.30
5785MHz	Pass	10.70	9.61	9.61	25.30
5825MHz	Pass	10.70	9.06	9.06	25.30
802.11ax_HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	10.70	0.81	0.81	12.30
5230MHz	Pass	10.70	5.34	5.34	12.30
5755MHz	Pass	10.70	4.40	4.40	25.30
5795MHz	Pass	10.70	5.14	5.14	25.30
802.11ax_HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	10.70	-1.86	-1.86	12.30
5775MHz	Pass	10.70	-1.47	-1.47	25.30

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

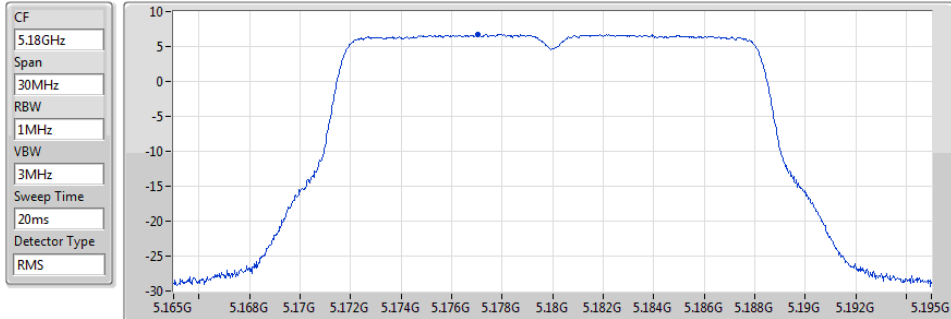
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5180MHz

12/10/2019



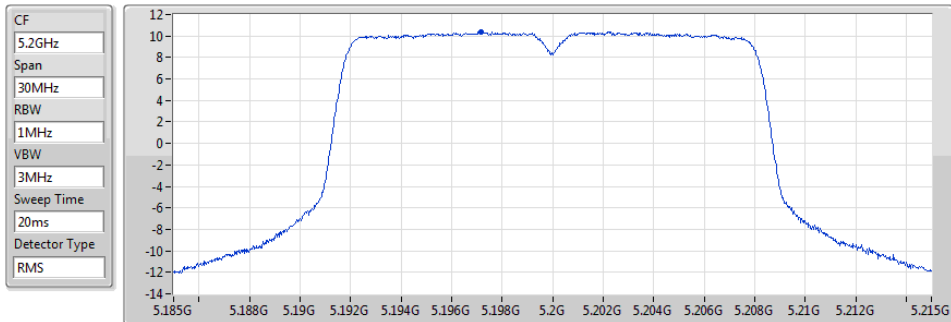
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.73	6.73	6.73

802.11a_Nss1,(6Mbps)_1TX

PSD

5200MHz

12/10/2019



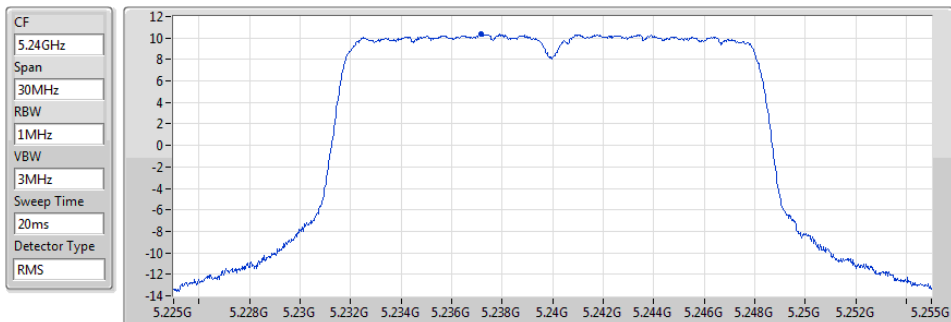
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.41	10.41	10.41

802.11a_Nss1,(6Mbps)_1TX

PSD

5240MHz

12/10/2019



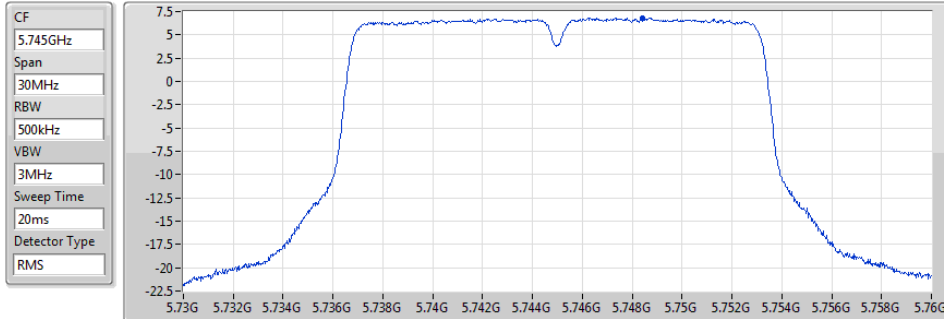
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.35	10.35	10.35

802.11a_Nss1,(6Mbps)_1TX

PSD

5745MHz

13/10/2019



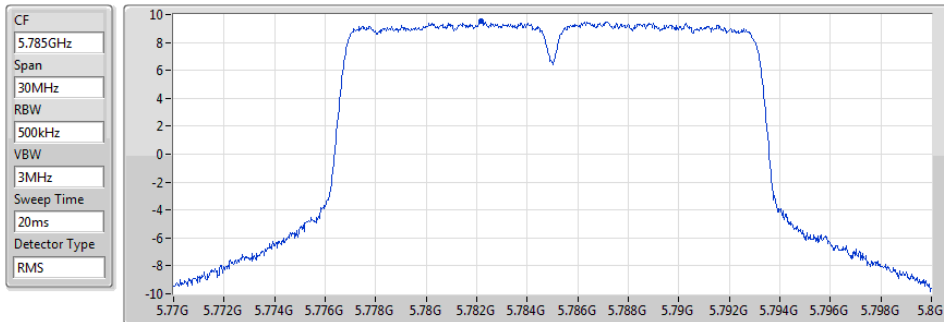
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.81	6.81	6.81

802.11a_Nss1,(6Mbps)_1TX

PSD

5785MHz

13/10/2019



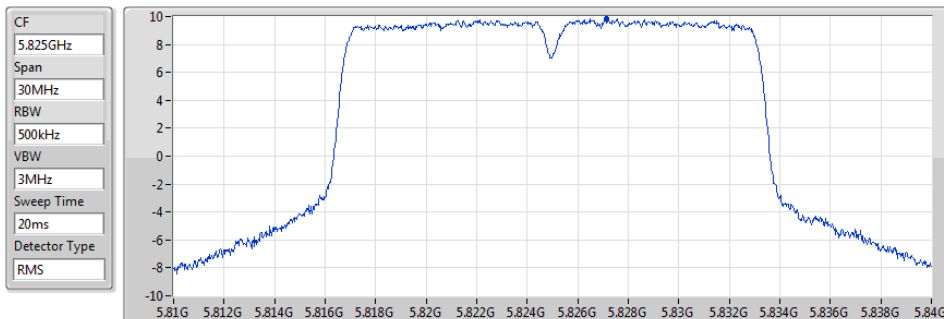
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.50	9.50	9.50

802.11a_Nss1,(6Mbps)_1TX

PSD

5825MHz

13/10/2019



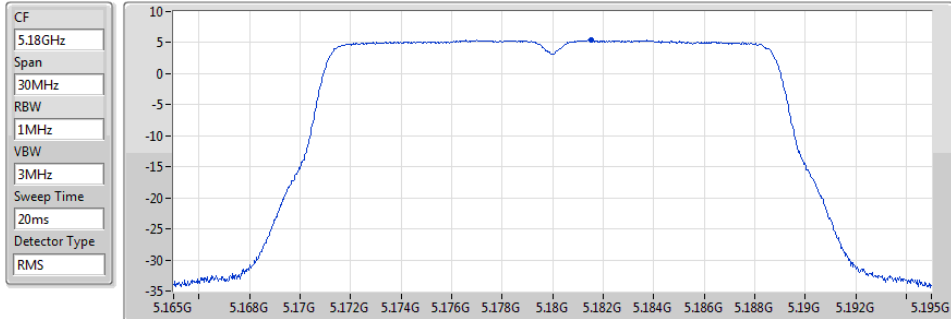
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.81	9.81	9.81

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5180MHz

13/10/2019



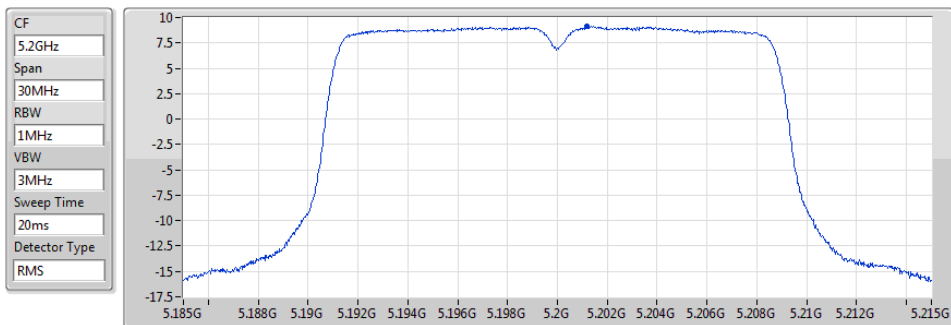
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.41	5.41	5.41

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5200MHz

13/10/2019



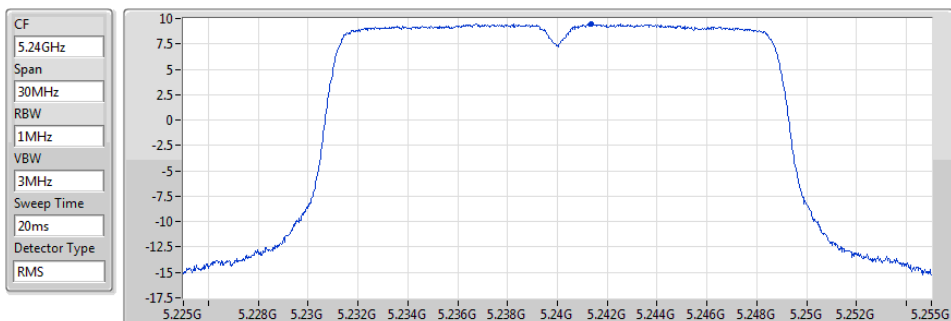
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.10	9.10	9.10

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5240MHz

13/10/2019



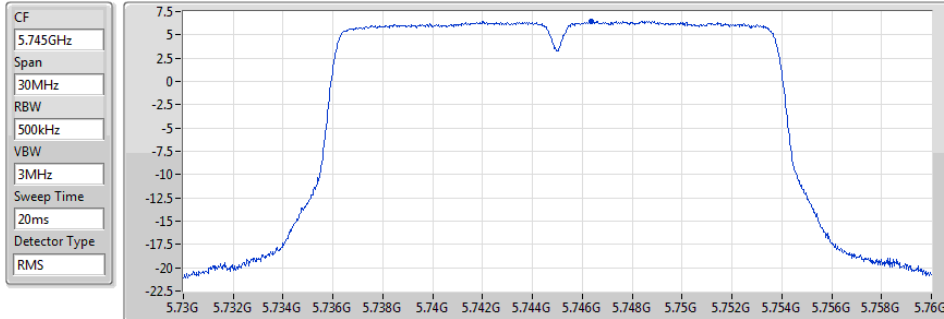
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.46	9.46	9.46

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5745MHz

13/10/2019



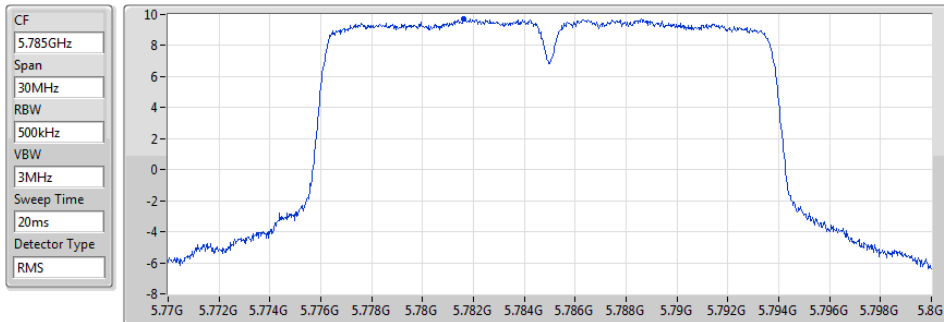
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.48	6.48	6.48

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5785MHz

13/10/2019



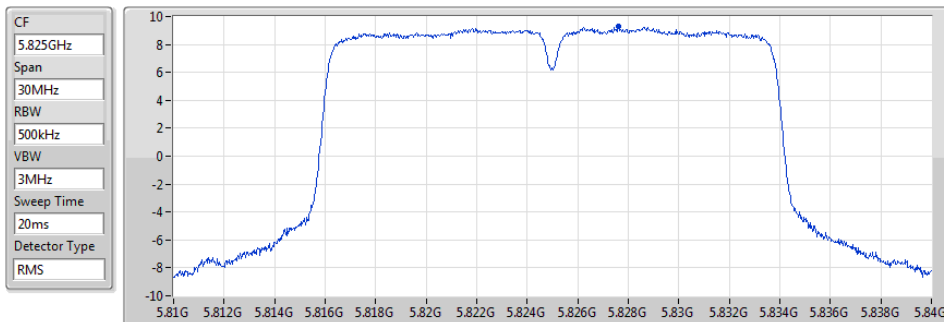
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.73	9.73	9.73

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5825MHz

13/10/2019



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.26	9.26	9.26