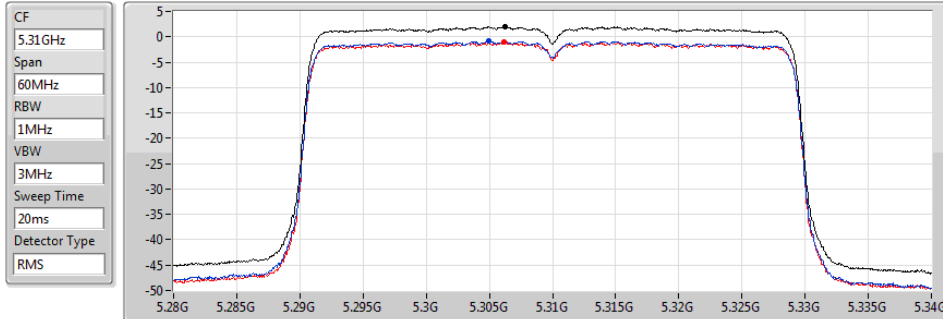


802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5310MHz

15/02/2020



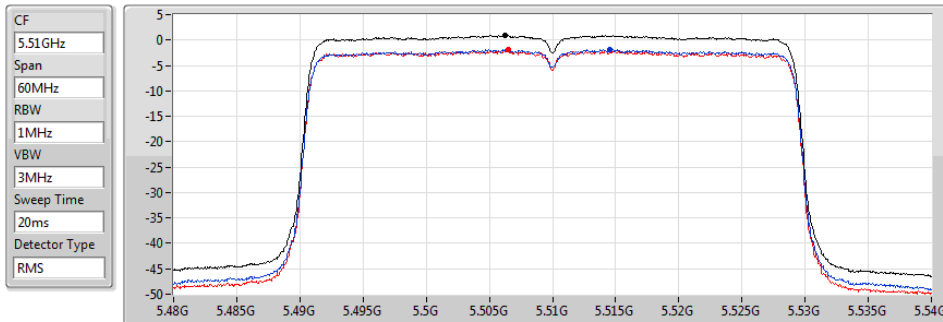
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.02	2.02	-0.83	-1.02

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5510MHz

15/02/2020



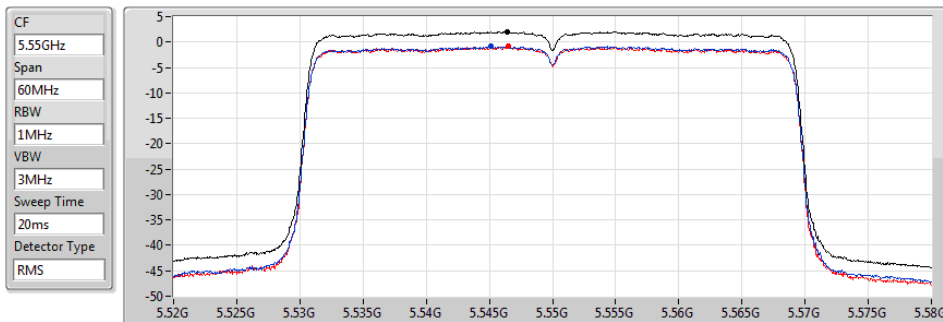
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.93	0.93	-1.91	-1.90

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5550MHz

15/02/2020



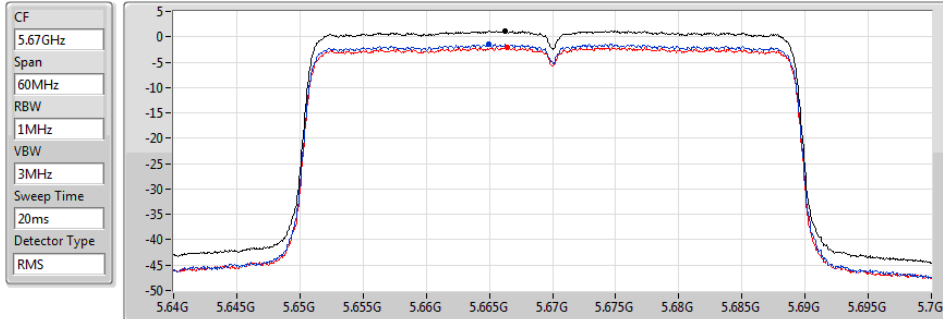
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.05	2.05	-0.82	-0.84

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5670MHz

15/02/2020



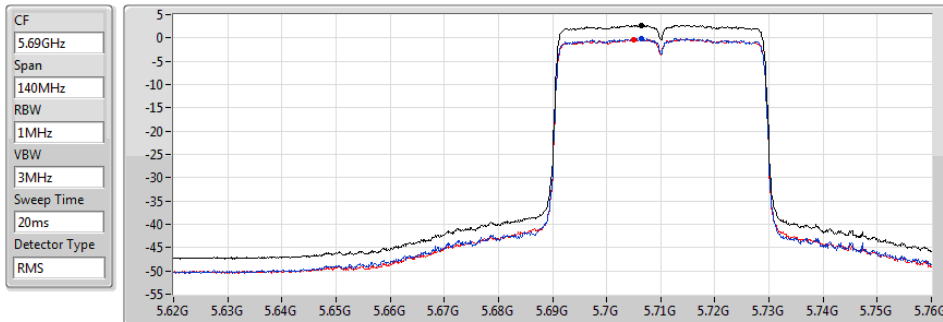
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
1.20	1.20	-1.42	-2.05

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

15/02/2020



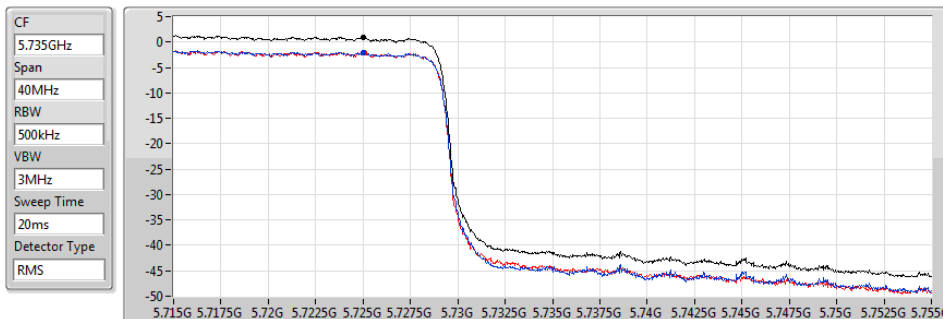
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
2.75	2.75	-0.12	-0.33

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

15/02/2020



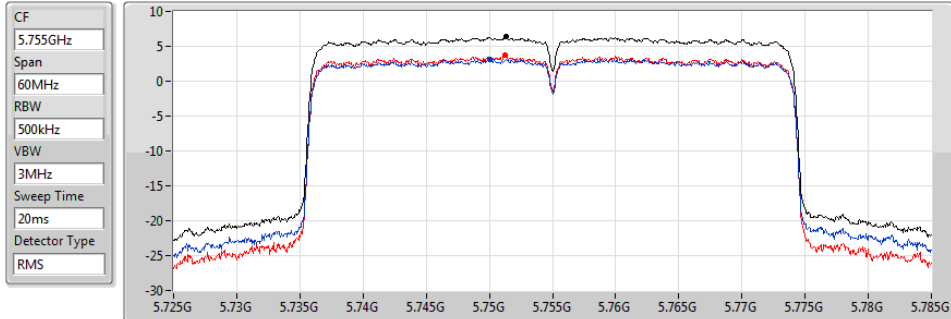
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
0.86	0.86	-2.07	-2.15

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5755MHz

15/02/2020



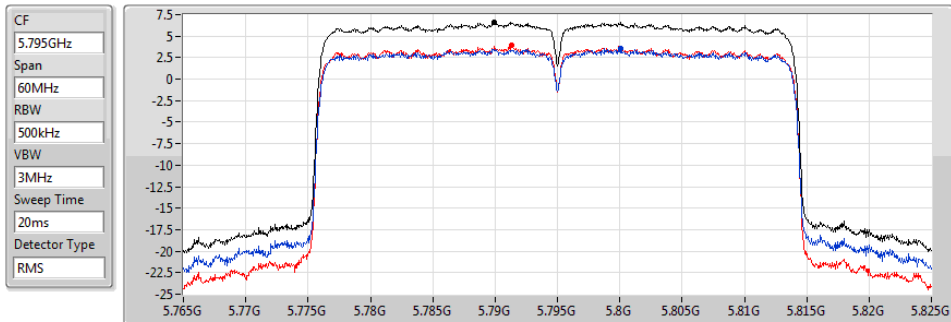
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.39	6.39	3.15	3.69

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5795MHz

15/02/2020



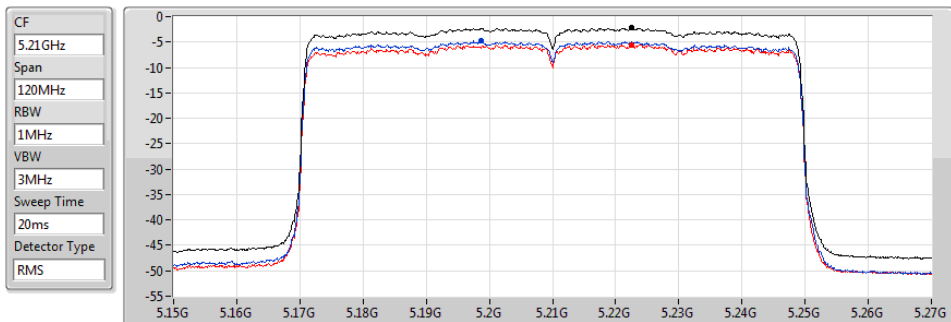
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.66	6.66	3.59	3.91

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5210MHz

15/02/2020



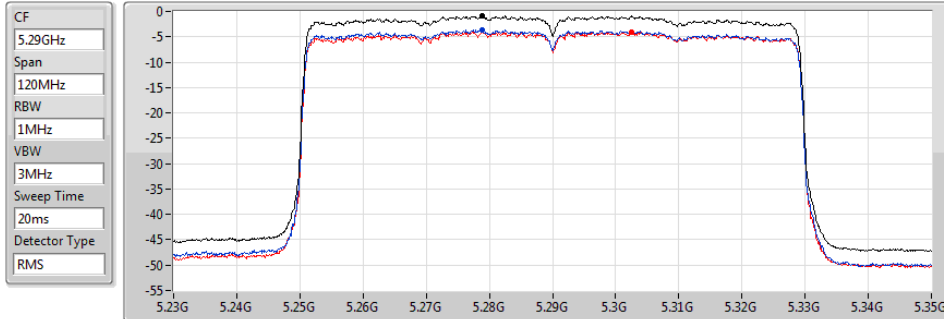
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.24	-2.24	-4.83	-5.51

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5290MHz

15/02/2020



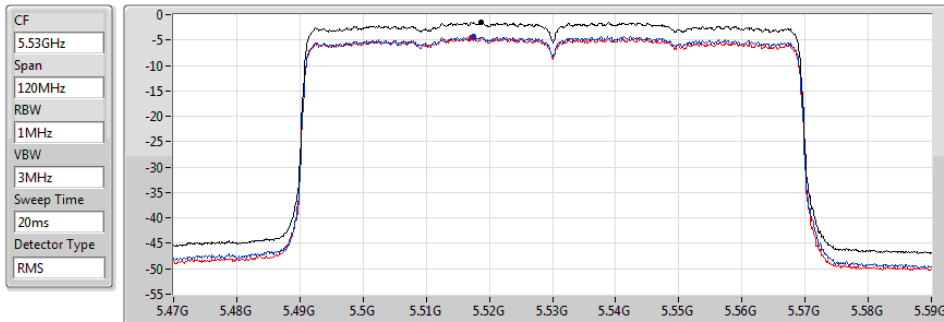
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-0.84	-0.84	-3.59	-4.05

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5530MHz

15/02/2020



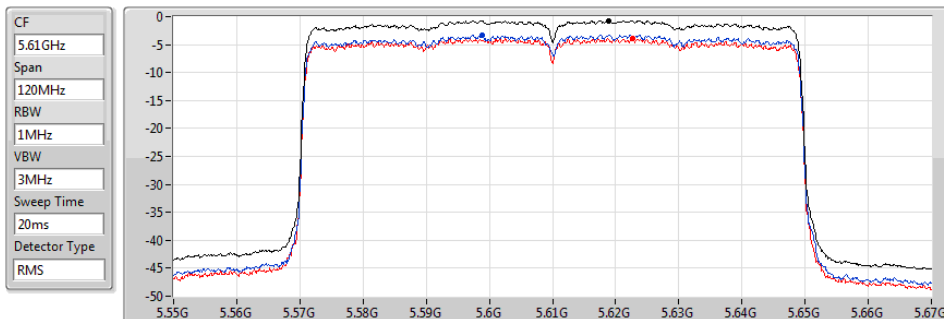
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-1.51	-1.51	-4.34	-4.46

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5610MHz

15/02/2020



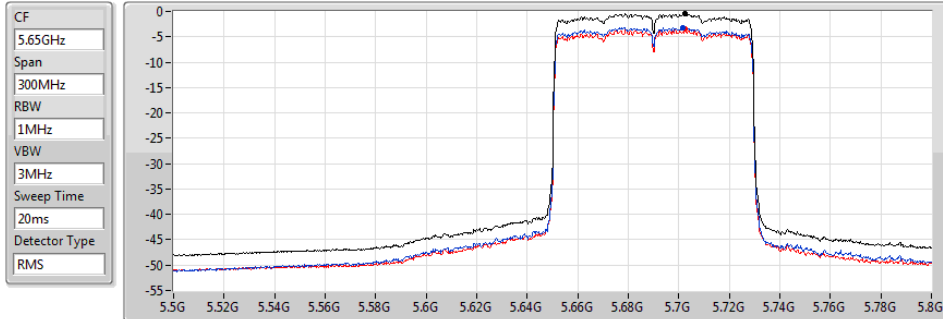
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-0.72	-0.72	-3.28	-3.87

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

15/02/2020



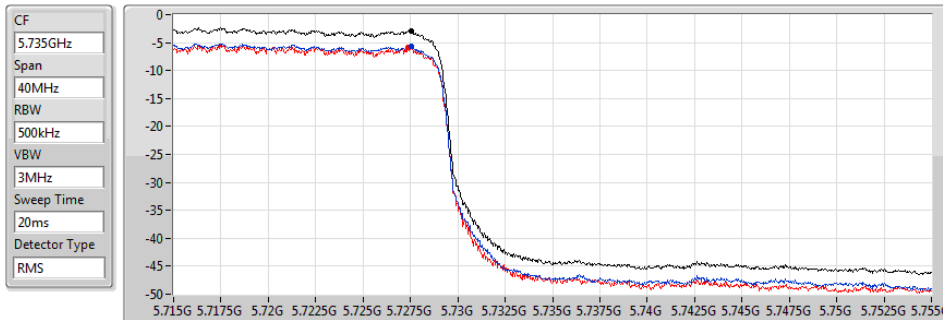
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.41	-0.41	-3.17	-3.53

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

15/02/2020



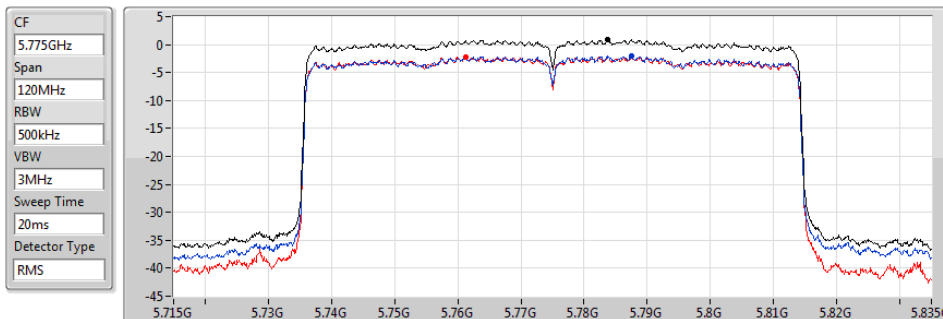
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.85	-2.85	-5.65	-5.95

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5775MHz

15/02/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.85	0.85	-2.10	-2.16



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	13.50	21.46
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	9.08	17.04
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	0.90	8.86
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	13.40	21.36
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	9.34	17.30
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-1.64	6.32
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	8.59	16.55
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	5.81	13.77
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	0.65	8.61
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	8.62	16.58
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	6.12	14.08
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	0.82	8.78
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	8.69	16.65
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	5.80	13.76
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	3.07	11.03
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	8.37	16.33
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	6.01	13.97
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	3.47	11.43
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	6.94	14.90
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	8.24	16.20
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	5.02	12.98
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	6.76	14.72
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	8.04	16.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	5.05	13.01

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)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.96	4.45	4.58	7.42	15.04	15.38	23.00
5200MHz	Pass	7.96	10.39	10.29	13.28	15.04	21.24	23.00
5240MHz	Pass	7.96	10.70	10.37	13.50	15.04	21.46	23.00
5260MHz	Pass	7.96	5.54	5.84	8.59	9.04	16.55	17.00
5300MHz	Pass	7.96	5.10	5.61	8.18	9.04	16.14	17.00
5320MHz	Pass	7.96	5.39	5.39	8.26	9.04	16.22	17.00
5500MHz	Pass	7.96	5.40	5.20	8.25	9.04	16.21	17.00
5580MHz	Pass	7.96	5.83	5.76	8.69	9.04	16.65	17.00
5700MHz	Pass	7.96	2.57	3.48	5.95	9.04	13.91	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	7.96	5.08	5.38	8.15	9.04	16.11	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	7.96	3.21	3.47	6.17	28.04	14.13	36.00
5745MHz	Pass	7.96	4.01	4.08	6.94	28.04	14.90	36.00
5785MHz	Pass	7.96	1.32	0.97	3.93	28.04	11.89	36.00
5825MHz	Pass	7.96	-1.54	-2.37	0.81	28.04	8.77	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.96	-1.01	-1.08	1.85	15.04	9.81	23.00
5230MHz	Pass	7.96	6.20	6.09	9.08	15.04	17.04	23.00
5270MHz	Pass	7.96	2.67	3.01	5.81	9.04	13.77	17.00
5310MHz	Pass	7.96	0.99	1.17	3.93	9.04	11.89	17.00
5510MHz	Pass	7.96	-2.45	-2.34	0.52	9.04	8.48	17.00
5550MHz	Pass	7.96	2.60	2.74	5.62	9.04	13.58	17.00
5670MHz	Pass	7.96	2.64	3.08	5.80	9.04	13.76	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	7.96	2.15	2.57	5.24	9.04	13.20	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	7.96	-0.44	0.38	2.85	28.04	10.81	36.00
5755MHz	Pass	7.96	5.57	5.29	8.24	28.04	16.20	36.00
5795MHz	Pass	7.96	5.03	4.87	7.73	28.04	15.69	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.96	-2.35	-1.66	0.90	15.04	8.86	23.00
5290MHz	Pass	7.96	-2.38	-2.33	0.65	9.04	8.61	17.00
5530MHz	Pass	7.96	-4.13	-3.64	-0.97	9.04	6.99	17.00
5610MHz	Pass	7.96	0.05	0.21	3.07	9.04	11.03	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	7.96	-1.13	-0.67	2.08	9.04	10.04	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	7.96	-4.09	-3.67	-0.96	28.04	7.00	36.00
5775MHz	Pass	7.96	2.31	2.29	5.02	28.04	12.98	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.96	4.77	4.89	7.64	15.04	15.60	23.00
5200MHz	Pass	7.96	10.39	10.45	13.40	15.04	21.36	23.00
5240MHz	Pass	7.96	10.53	10.03	13.19	15.04	21.15	23.00
5260MHz	Pass	7.96	5.68	5.99	8.62	9.04	16.58	17.00
5300MHz	Pass	7.96	5.62	5.85	8.52	9.04	16.48	17.00
5320MHz	Pass	7.96	5.44	0.56	6.47	9.04	14.43	17.00
5500MHz	Pass	7.96	5.56	5.25	8.27	9.04	16.23	17.00
5580MHz	Pass	7.96	5.62	5.49	8.37	9.04	16.33	17.00



PSD_
Beamforming Indoor Sample 1 Radio 1 2T1S

Appendix D.13

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5700MHz	Pass	7.96	2.75	3.56	6.03	9.04	13.99	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	7.96	4.96	5.52	8.14	9.04	16.10	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	7.96	3.10	3.68	6.39	28.04	14.35	36.00
5745MHz	Pass	7.96	3.86	3.78	6.76	28.04	14.72	36.00
5785MHz	Pass	7.96	1.15	0.99	3.95	28.04	11.91	36.00
5825MHz	Pass	7.96	-1.67	-1.80	1.19	28.04	9.15	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.96	-0.89	-1.12	1.97	15.04	9.93	23.00
5230MHz	Pass	7.96	6.50	6.26	9.34	15.04	17.30	23.00
5270MHz	Pass	7.96	3.00	3.51	6.12	9.04	14.08	17.00
5310MHz	Pass	7.96	0.85	1.32	3.92	9.04	11.88	17.00
5510MHz	Pass	7.96	-2.33	-2.21	0.58	9.04	8.54	17.00
5550MHz	Pass	7.96	2.64	3.16	5.81	9.04	13.77	17.00
5670MHz	Pass	7.96	2.86	3.27	6.01	9.04	13.97	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	7.96	2.24	2.62	5.35	9.04	13.31	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	7.96	0.31	0.28	3.18	28.04	11.14	36.00
5755MHz	Pass	7.96	5.36	5.45	8.04	28.04	16.00	36.00
5795MHz	Pass	7.96	5.19	4.87	7.70	28.04	15.66	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.96	-5.78	-2.71	-1.64	15.04	6.32	23.00
5290MHz	Pass	7.96	-2.16	-2.04	0.82	9.04	8.78	17.00
5530MHz	Pass	7.96	-3.98	-3.44	-0.79	9.04	7.17	17.00
5610MHz	Pass	7.96	0.39	0.72	3.47	9.04	11.43	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	7.96	-0.86	-0.45	2.23	9.04	10.19	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	7.96	-3.57	-3.57	-0.65	28.04	7.31	36.00
5775MHz	Pass	7.96	2.47	2.33	5.05	28.04	13.01	36.00

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

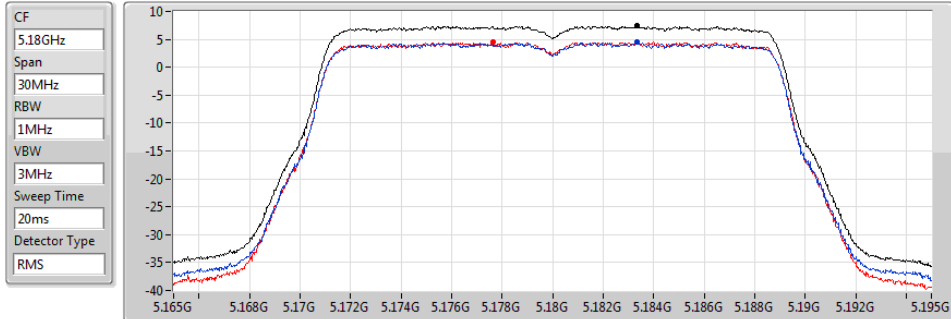
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

23/02/2020



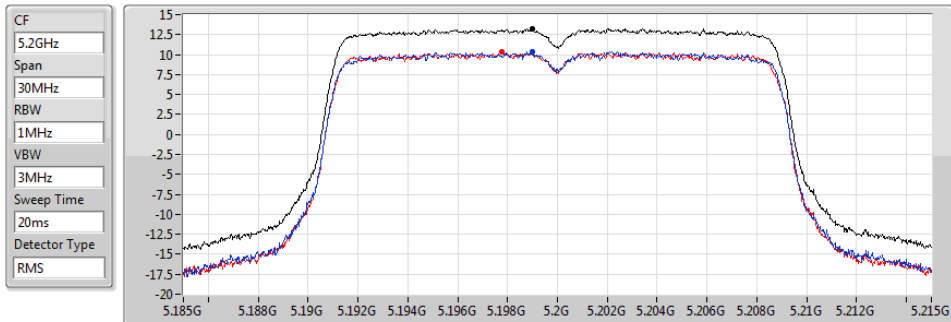
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.42	7.42	4.45	4.58

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

23/02/2020



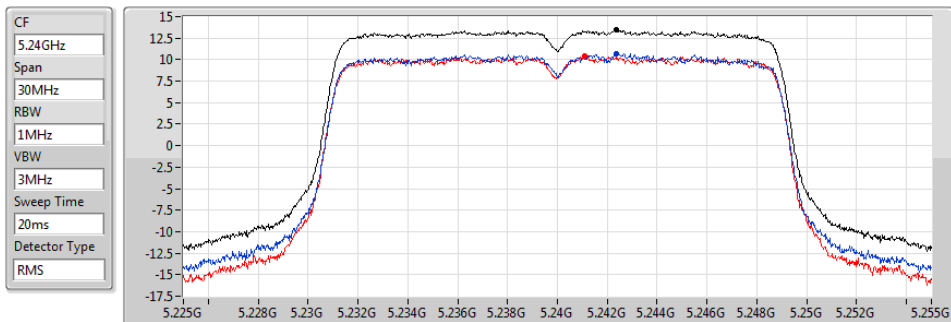
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.28	13.28	10.39	10.29

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

23/02/2020



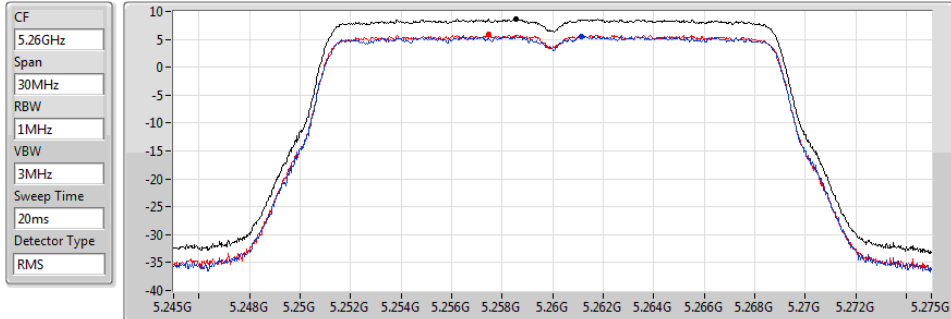
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.50	13.50	10.70	10.37

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5260MHz

23/02/2020



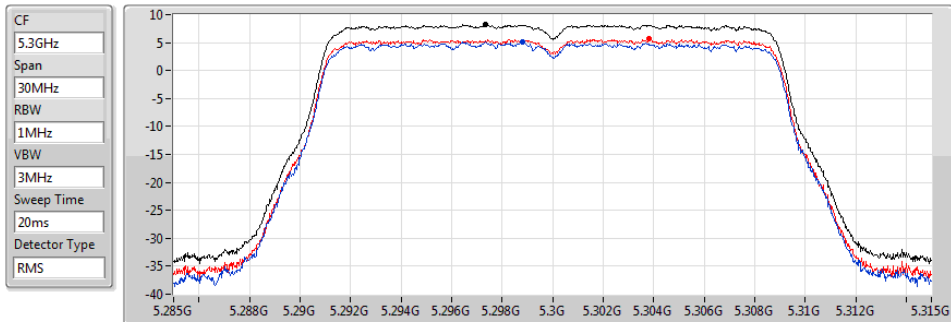
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.59	8.59	5.54	5.84

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5300MHz

23/02/2020



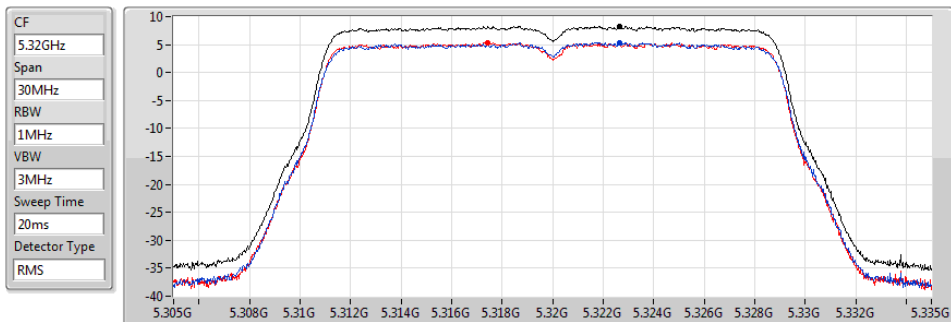
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.18	8.18	5.10	5.61

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5320MHz

23/02/2020



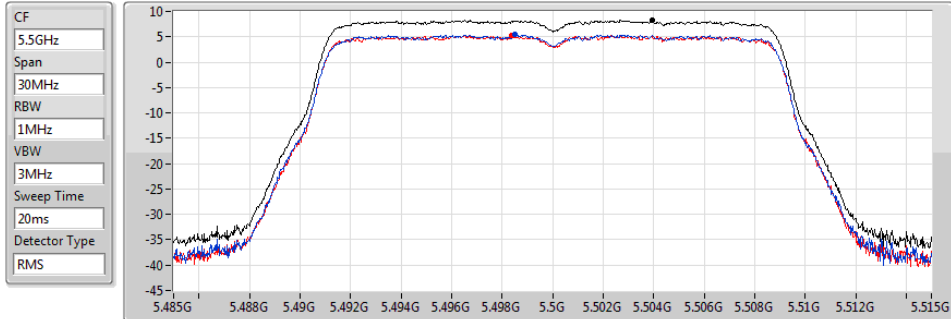
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.26	8.26	5.39	5.39

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5500MHz

23/02/2020



Sum
Port 1
Port 2

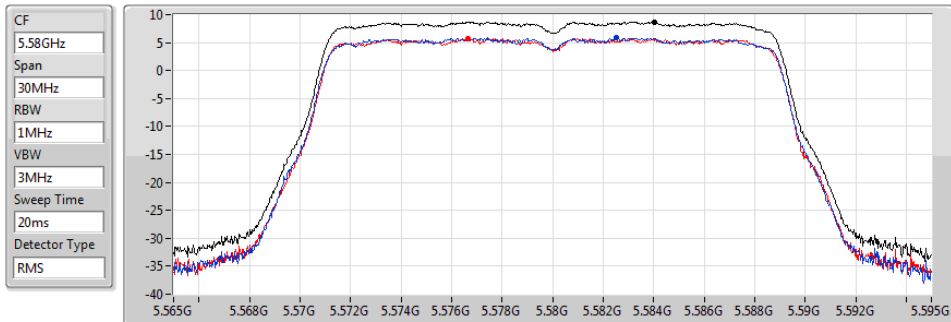
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.25	8.25	5.40	5.20

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5580MHz

23/02/2020



Sum
Port 1
Port 2

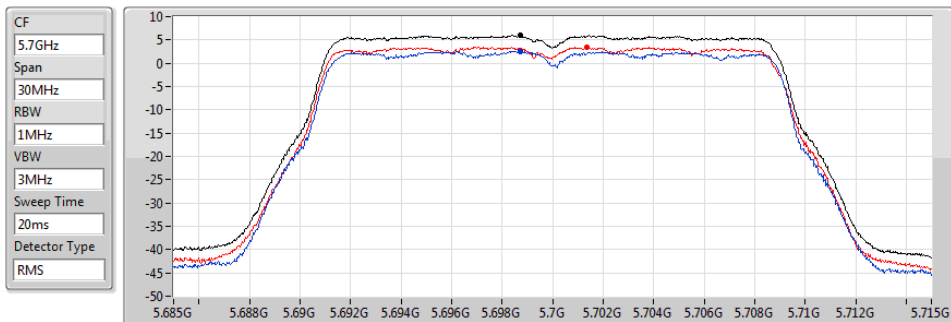
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.69	8.69	5.83	5.76

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5700MHz

23/02/2020



Sum
Port 1
Port 2

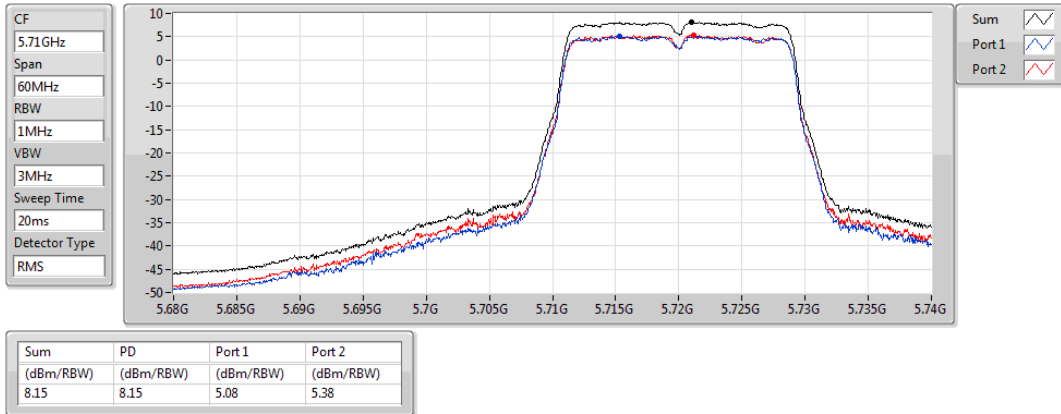
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.95	5.95	2.57	3.48

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz

PSD

23/02/2020

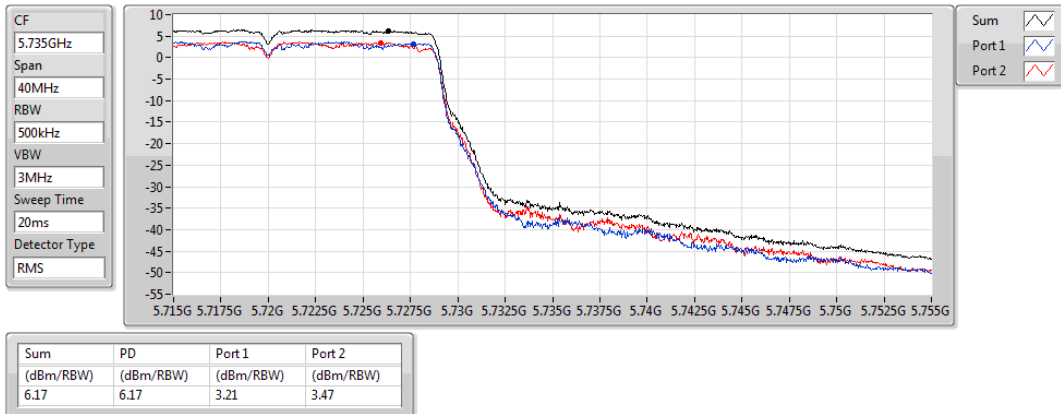


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

23/02/2020

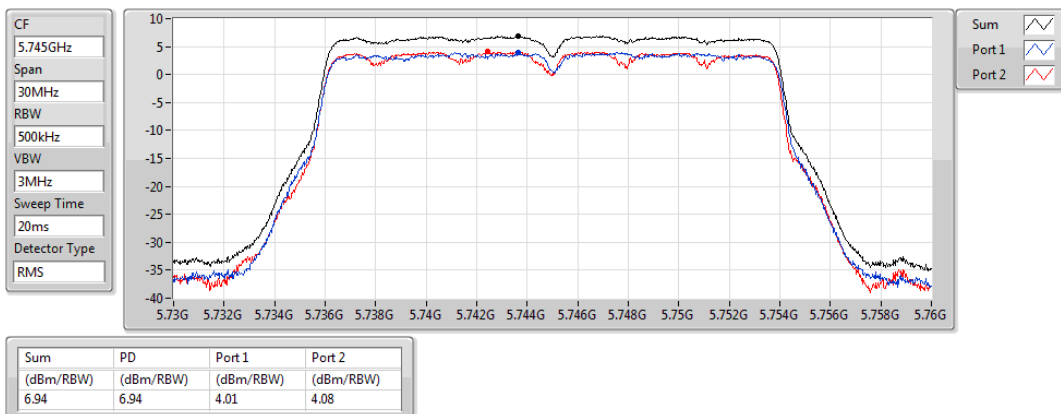


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5745MHz

PSD

23/02/2020

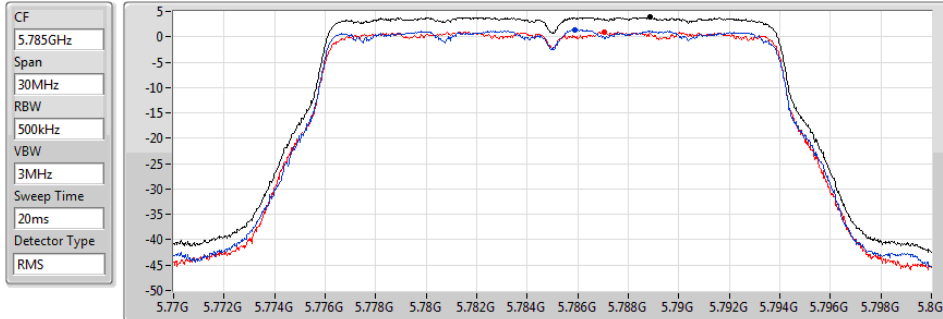


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

23/02/2020



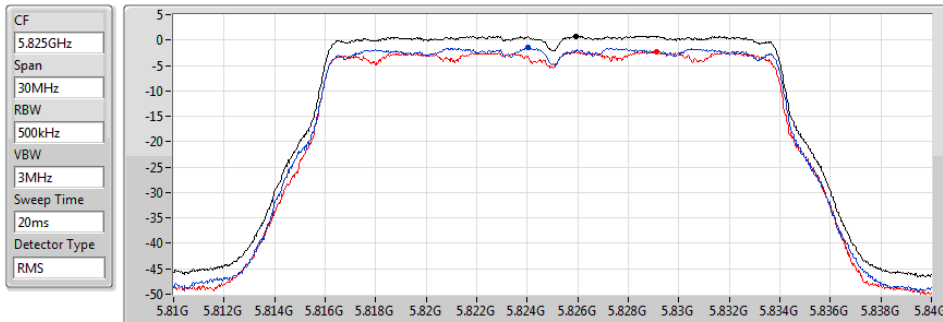
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.93	3.93	1.32	0.97

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

23/02/2020



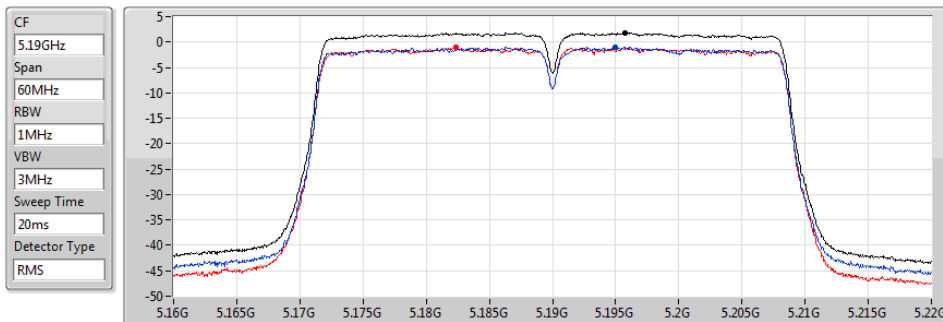
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.81	0.81	-1.54	-2.37

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

23/02/2020



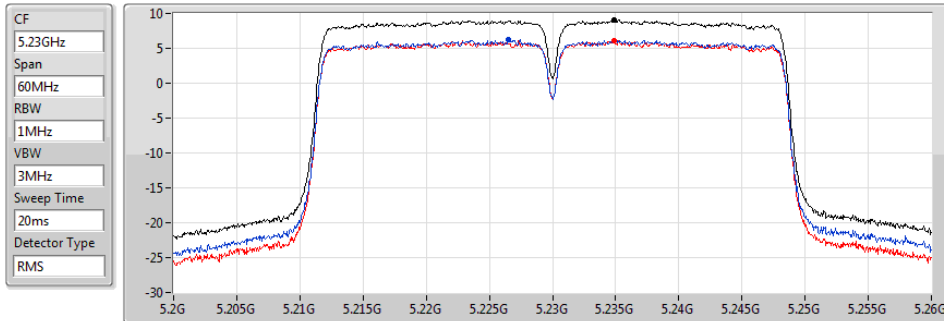
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.85	1.85	-1.01	-1.08

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

23/02/2020



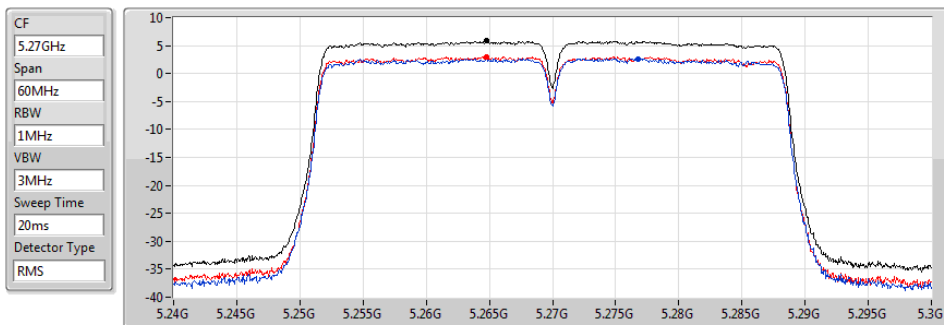
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.08	9.08	6.20	6.09

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5270MHz

23/02/2020



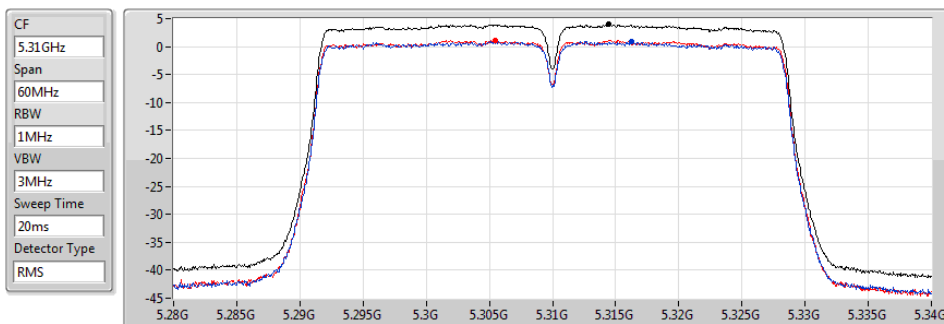
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.81	5.81	2.67	3.01

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5310MHz

23/02/2020



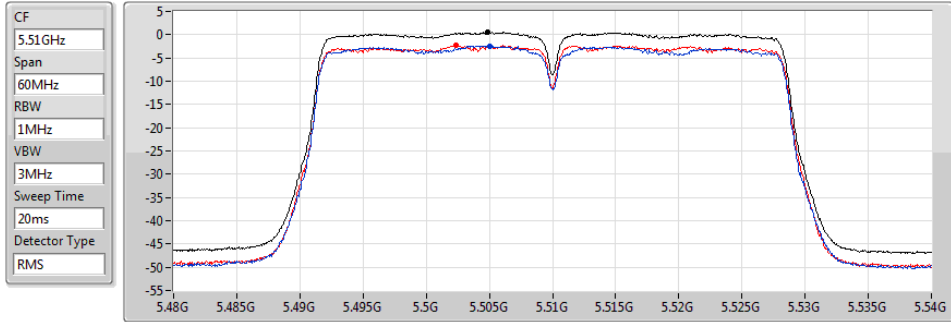
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.93	3.93	0.99	1.17

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5510MHz

23/02/2020



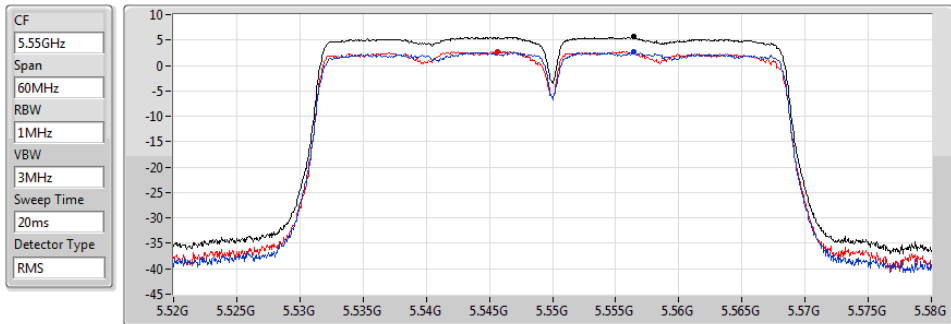
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.52	0.52	-2.45	-2.34

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5550MHz

23/02/2020



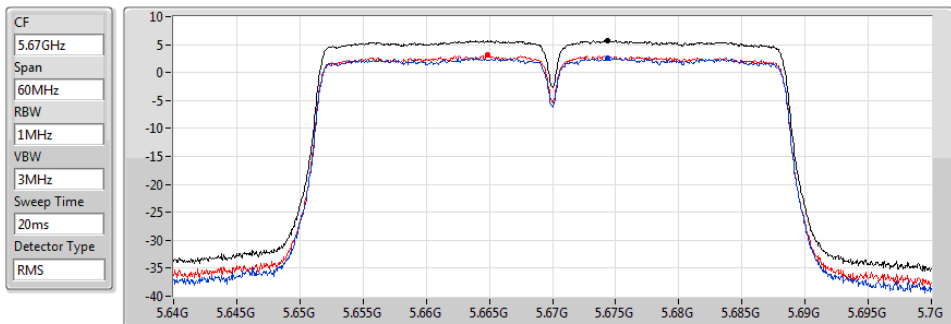
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.62	5.62	2.60	2.74

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5670MHz

23/02/2020



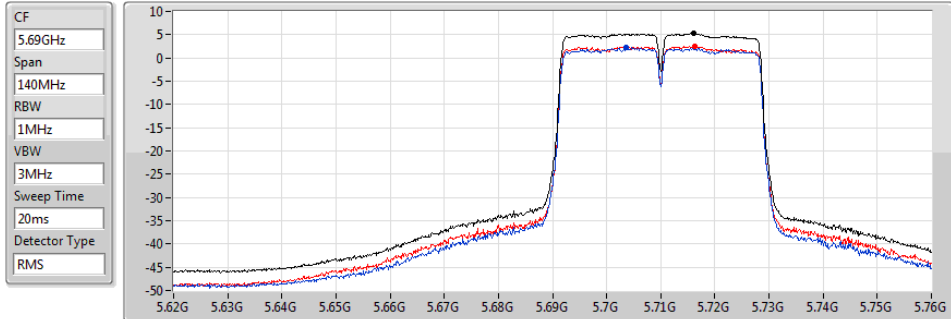
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.80	5.80	2.64	3.08

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

23/02/2020



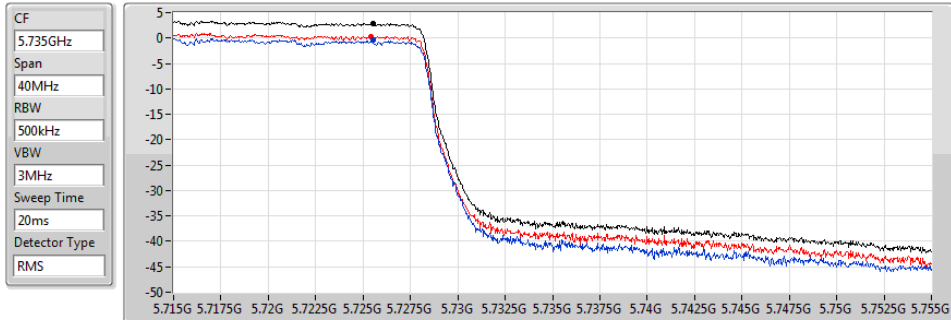
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.24	5.24	2.15	2.57

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

23/02/2020



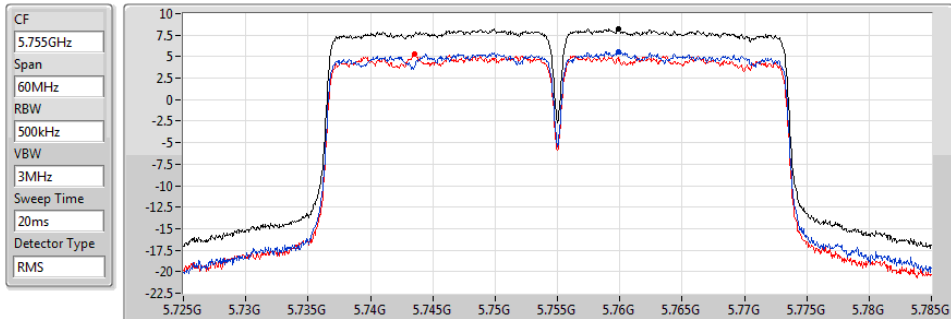
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.85	2.85	-0.44	0.38

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

23/02/2020



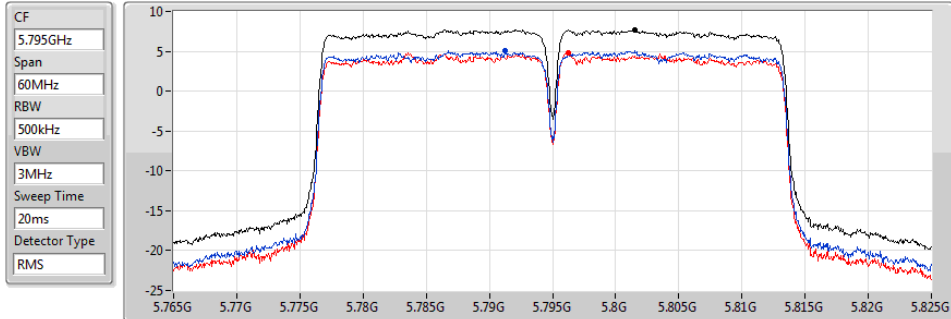
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.24	8.24	5.57	5.29

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

23/02/2020



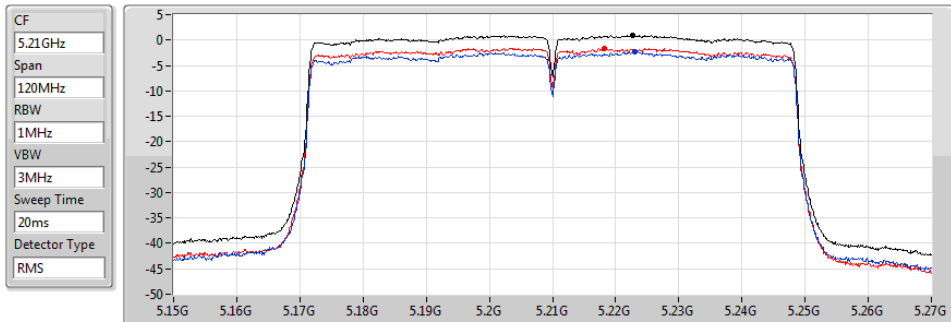
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.73	7.73	5.03	4.87

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

23/02/2020



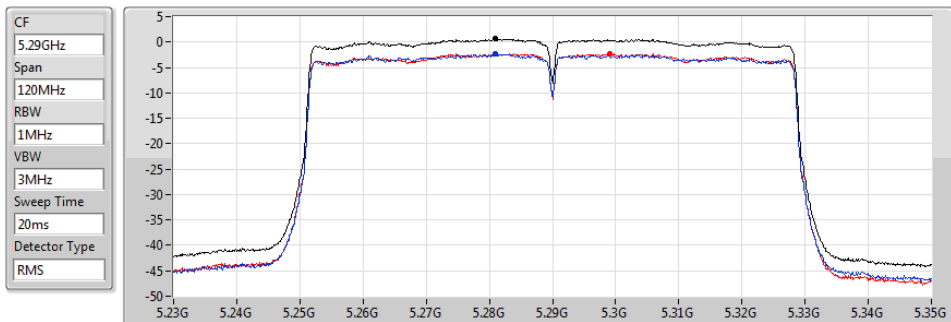
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.90	0.90	-2.35	-1.66

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5290MHz

23/02/2020



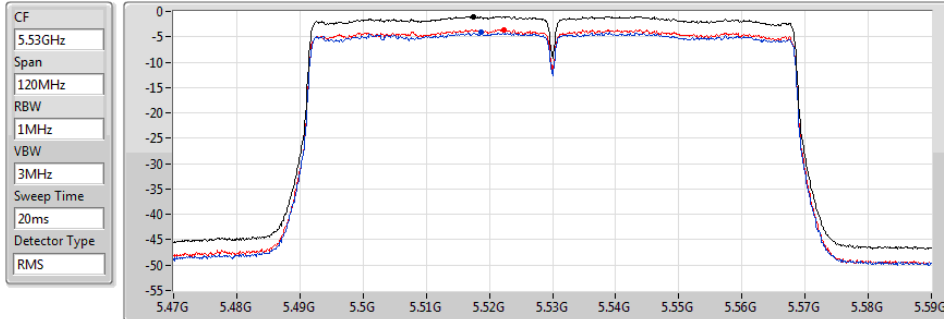
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.65	0.65	-2.38	-2.33

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5530MHz

23/02/2020



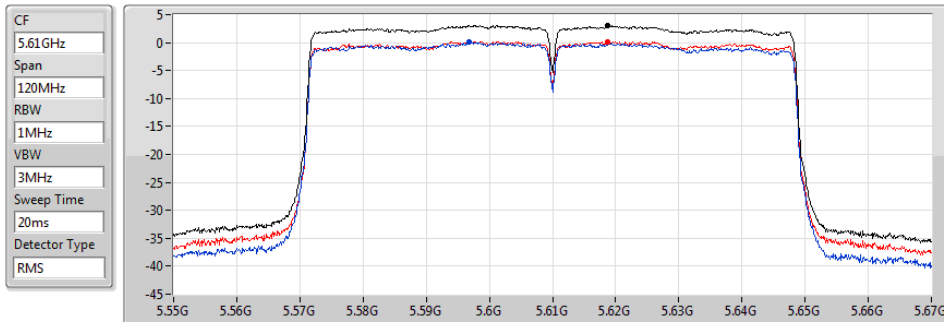
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.97	-0.97	-4.13	-3.64

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5610MHz

23/02/2020



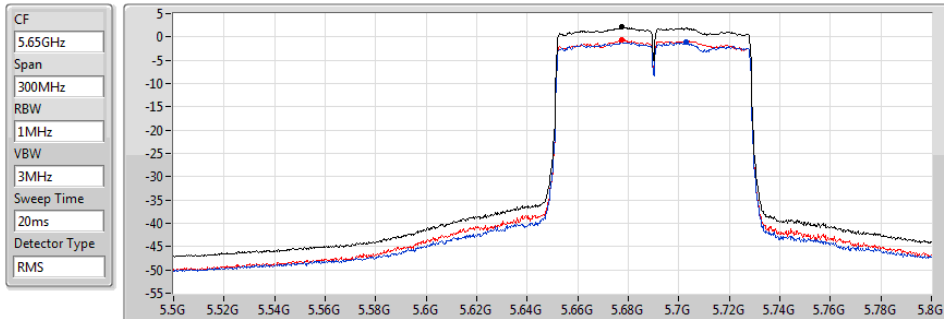
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.07	3.07	0.05	0.21

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

23/02/2020



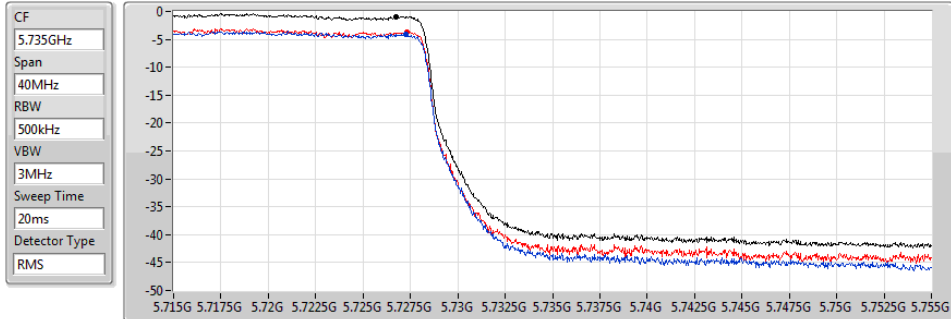
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.08	2.08	-1.13	-0.67

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

23/02/2020



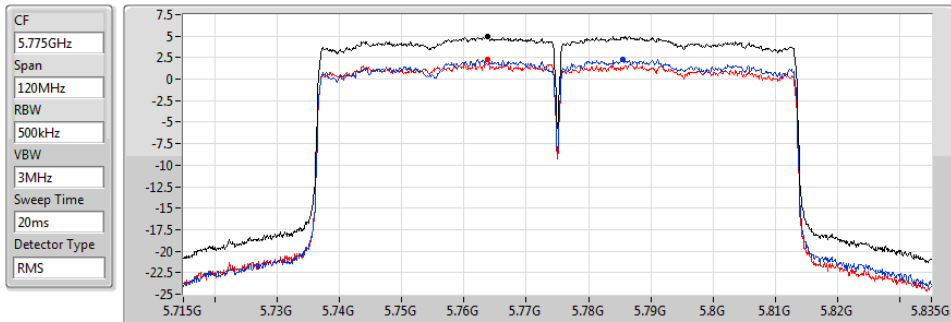
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.96	-0.96	-4.09	-3.67

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

23/02/2020



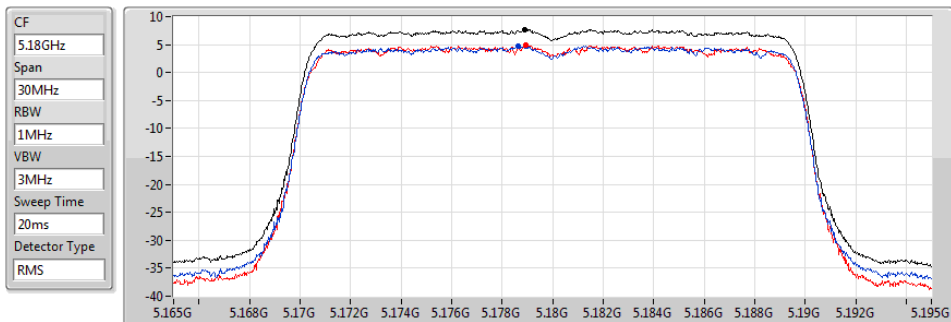
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.02	5.02	2.31	2.29

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

23/02/2020



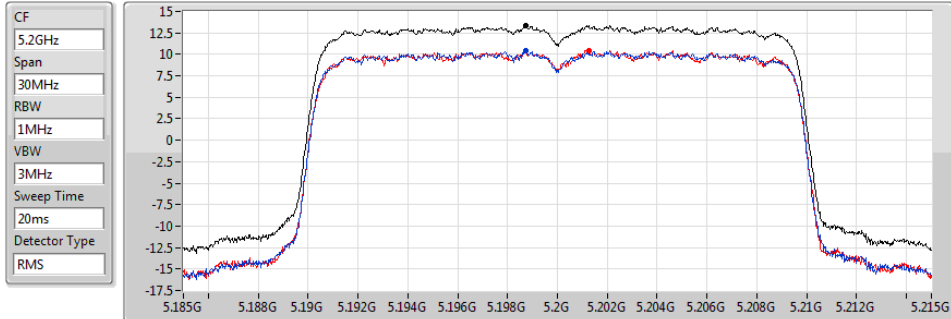
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.64	7.64	4.77	4.89

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

23/02/2020



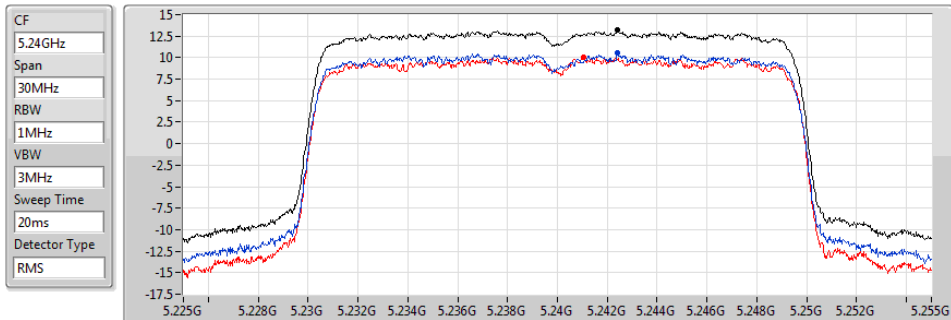
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.40	13.40	10.39	10.45

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

23/02/2020



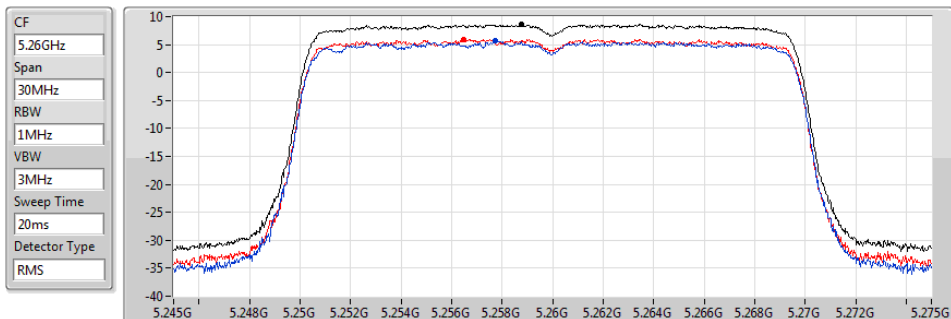
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.19	13.19	10.53	10.03

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5260MHz

23/02/2020



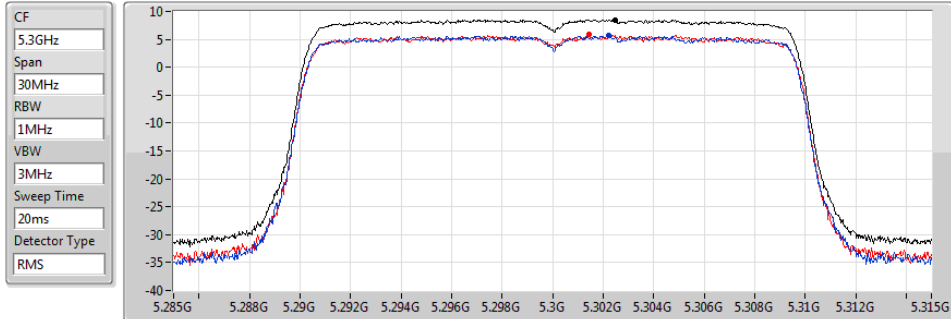
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.62	8.62	5.68	5.99

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5300MHz

23/02/2020



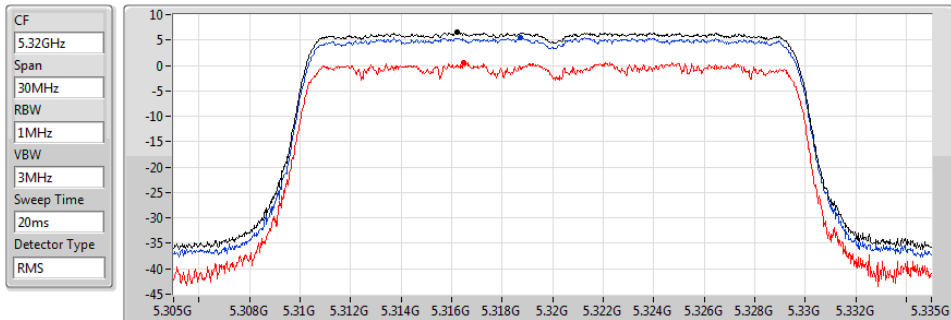
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.52	8.52	5.62	5.85

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5320MHz

23/02/2020



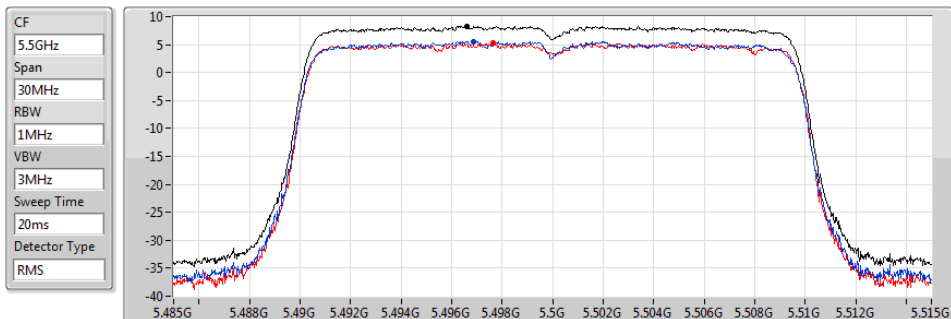
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.47	6.47	5.44	0.56

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5500MHz

23/02/2020



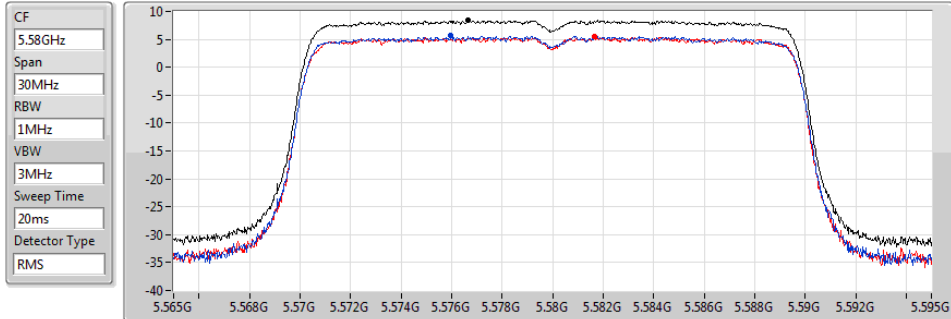
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.27	8.27	5.56	5.25

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5580MHz

23/02/2020



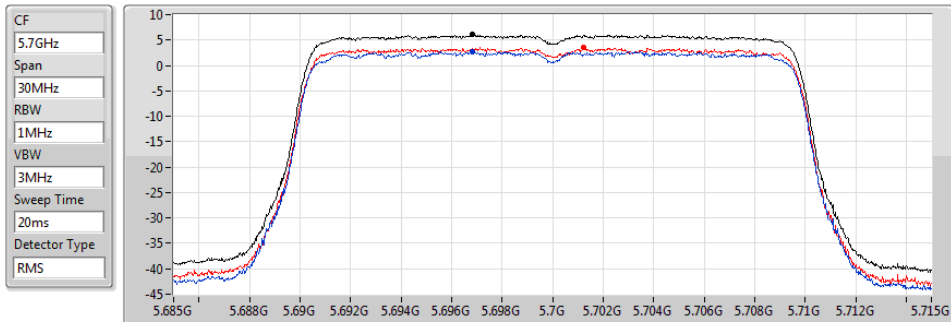
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.37	8.37	5.62	5.49

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5700MHz

23/02/2020



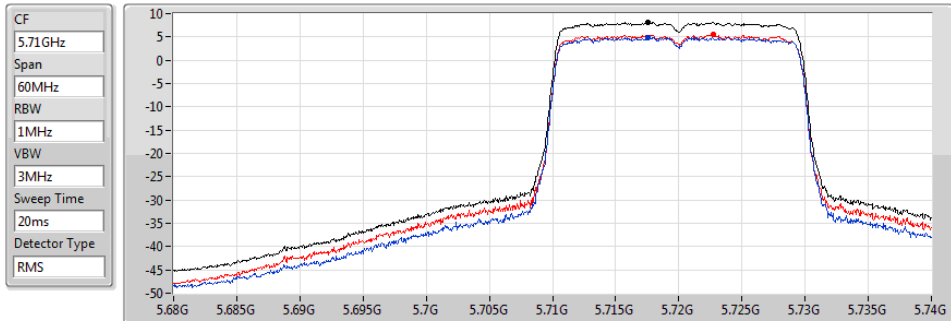
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.03	6.03	2.75	3.56

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

23/02/2020



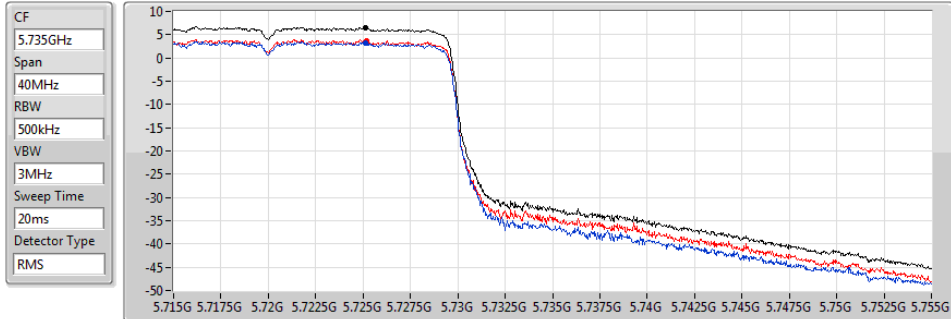
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.14	8.14	4.96	5.52

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

23/02/2020



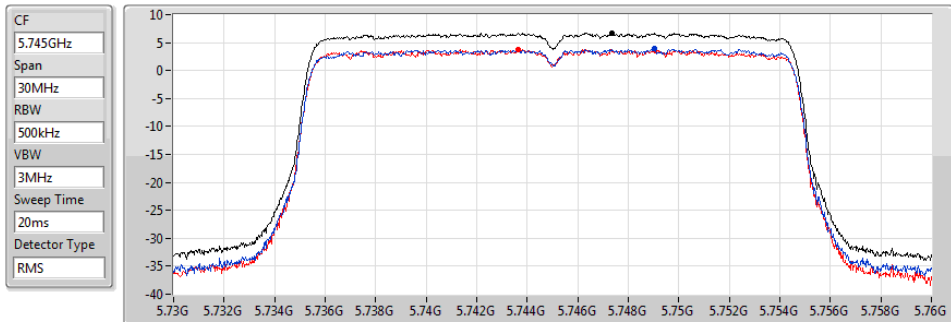
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.39	6.39	3.10	3.68

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

23/02/2020



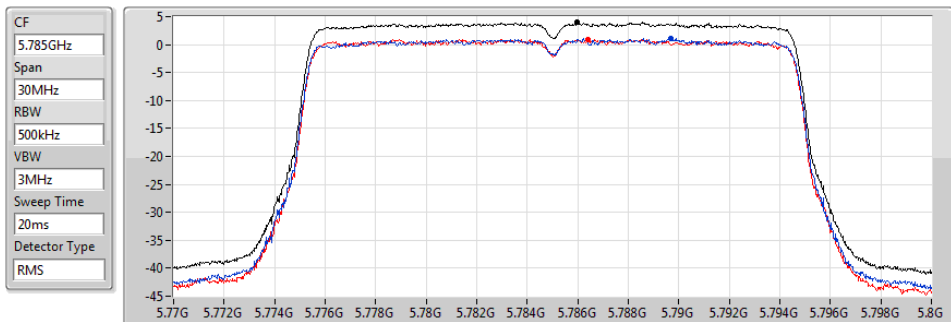
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.76	6.76	3.86	3.78

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

23/02/2020



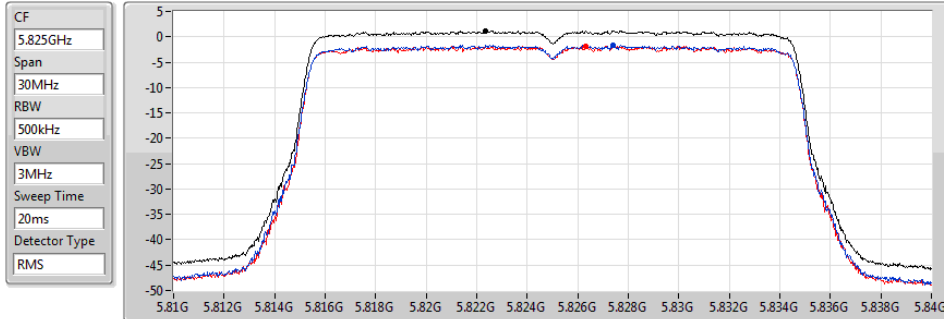
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.95	3.95	1.15	0.99

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

23/02/2020



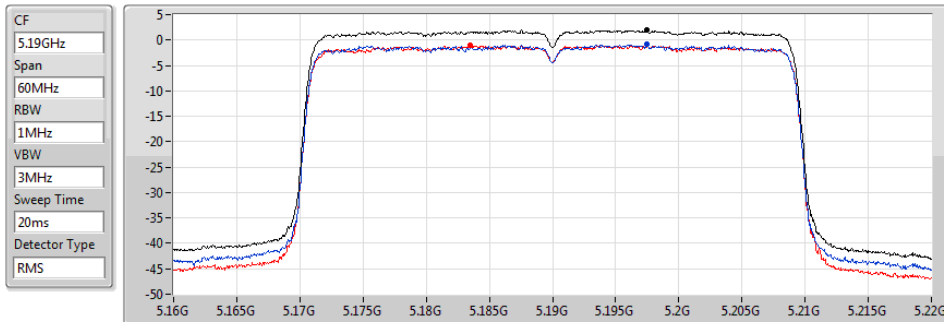
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.19	1.19	-1.67	-1.80

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

23/02/2020



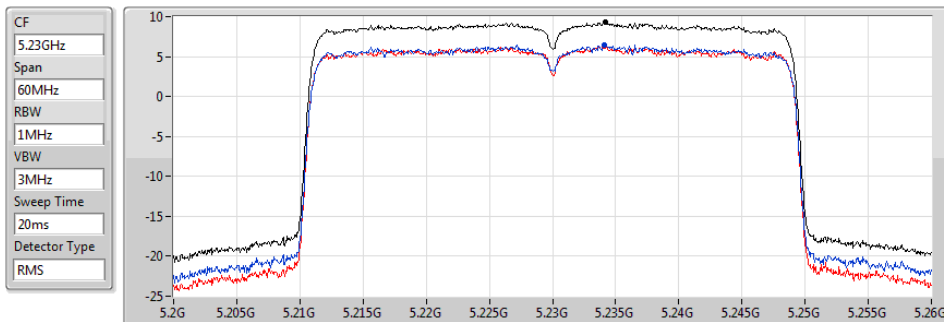
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.97	1.97	-0.89	-1.12

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

23/02/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.34	9.34	6.50	6.26

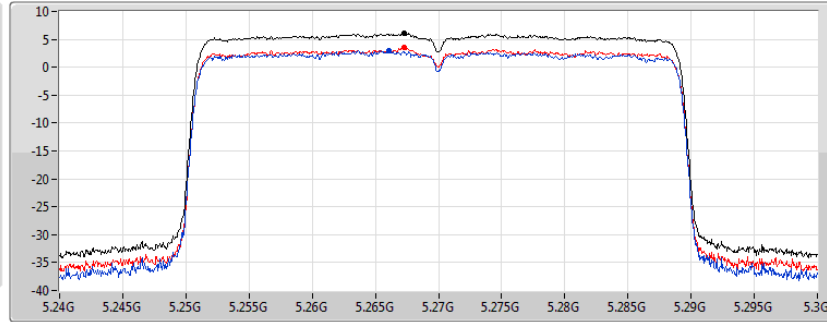
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5270MHz

23/02/2020

CF
5.27GHz
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)
6.12	6.12	3.00	3.51

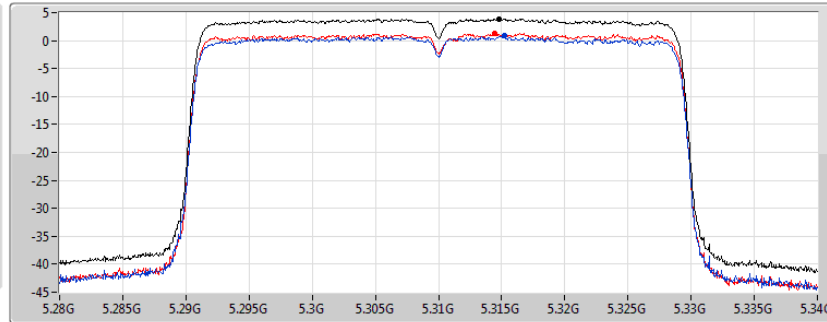
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5310MHz

23/02/2020

CF
5.31GHz
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)
3.92	3.92	0.85	1.32

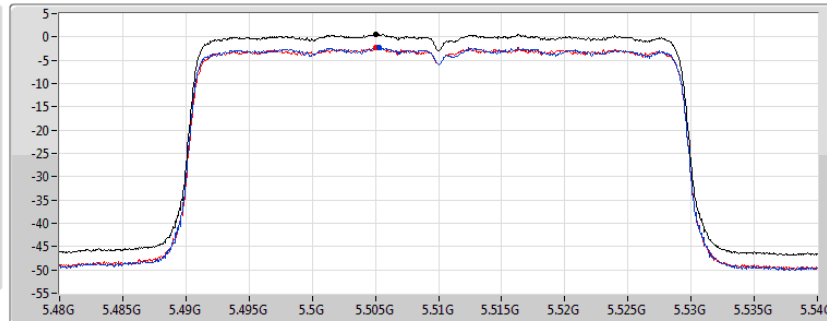
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5510MHz

23/02/2020

CF
5.51GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

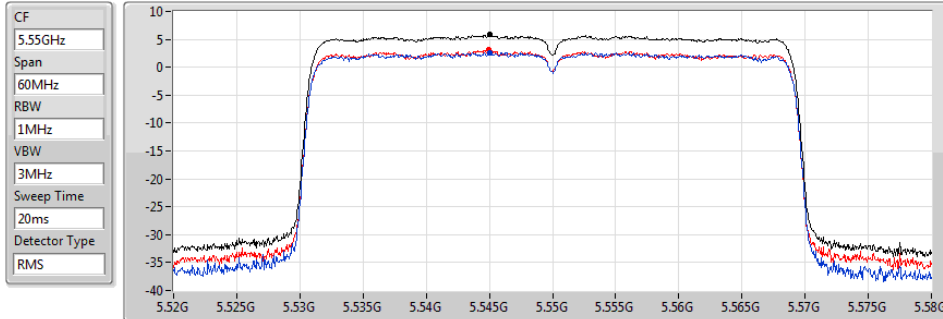
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.58	0.58	-2.33	-2.21

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5550MHz

23/02/2020



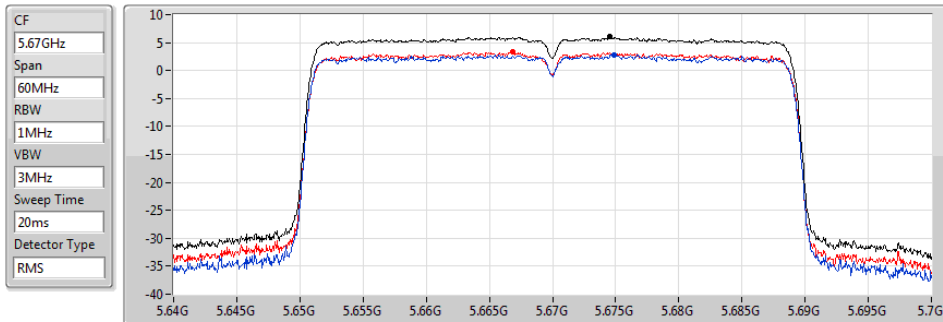
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.81	5.81	2.64	3.16

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5670MHz

23/02/2020



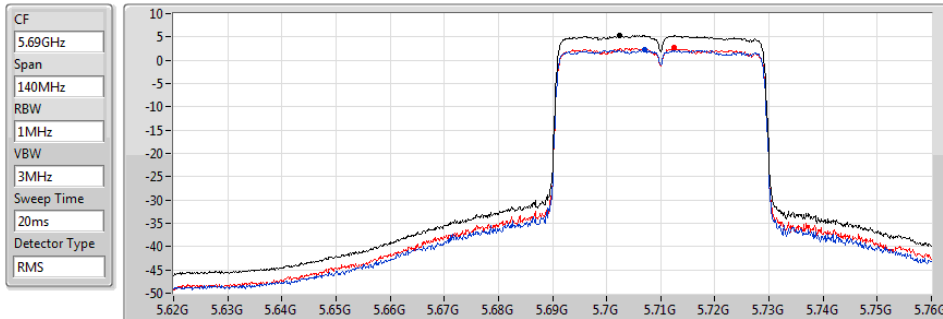
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.01	6.01	2.86	3.27

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

23/02/2020



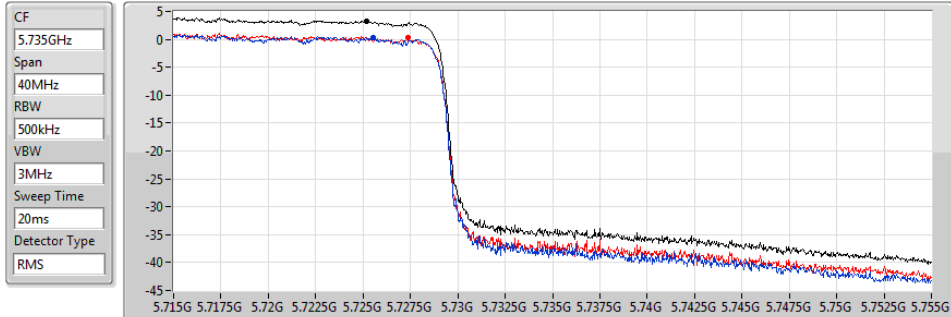
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.35	5.35	2.24	2.62

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

23/02/2020



Sum 
Port 1 
Port 2 

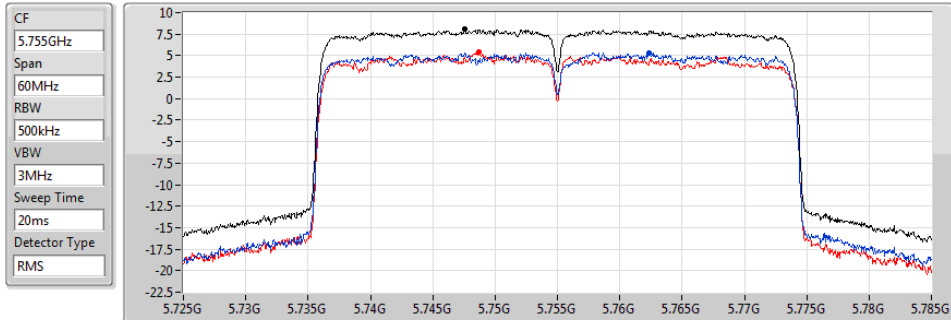
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.18	3.18	0.31	0.28

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

23/02/2020



Sum 
Port 1 
Port 2 

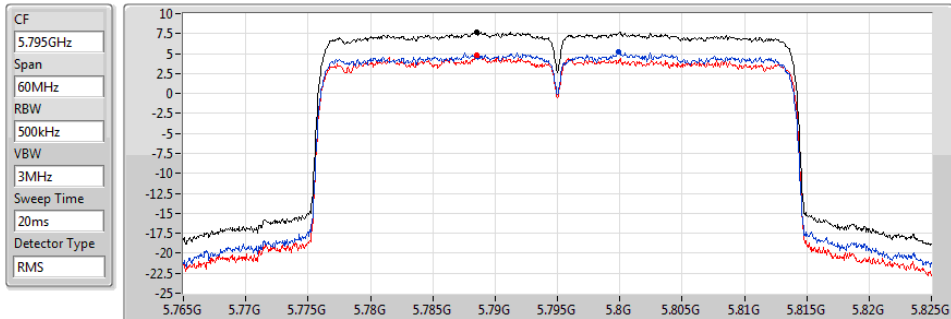
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.04	8.04	5.36	5.45

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

23/02/2020



Sum 
Port 1 
Port 2 

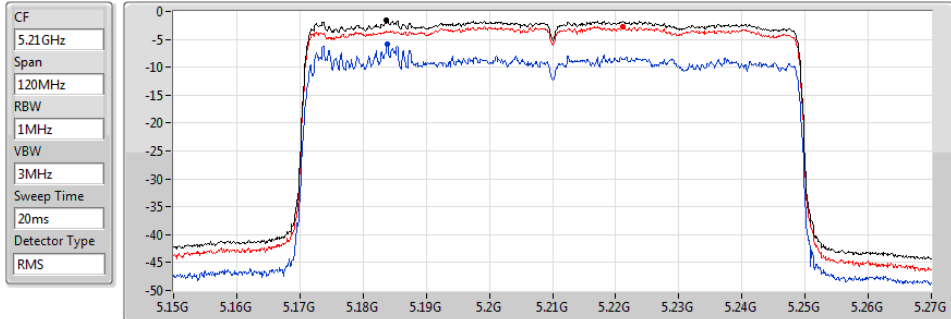
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.70	7.70	5.19	4.87

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

23/02/2020



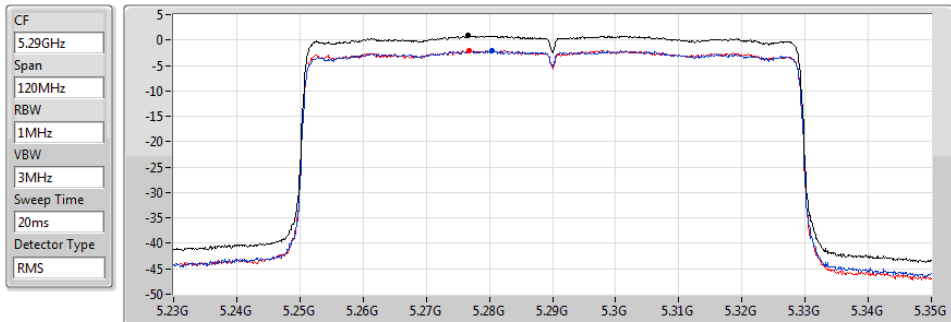
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.64	-1.64	-5.78	-2.71

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5290MHz

23/02/2020



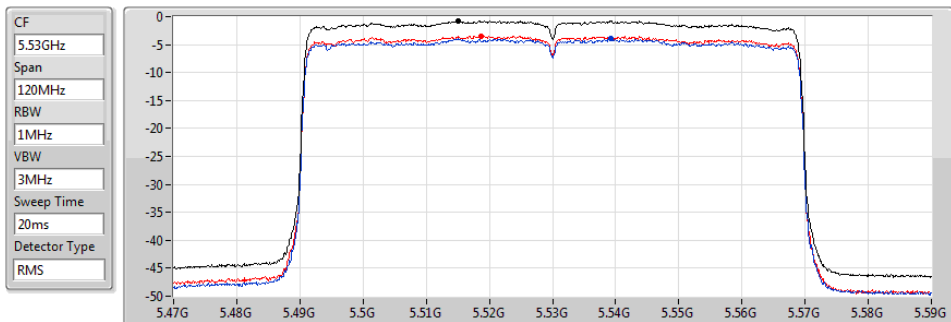
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.82	0.82	-2.16	-2.04

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5530MHz

23/02/2020



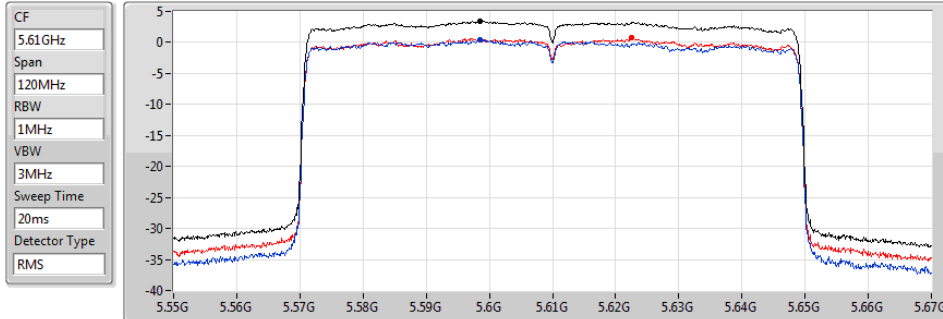
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.79	-0.79	-3.98	-3.44

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5610MHz

23/02/2020



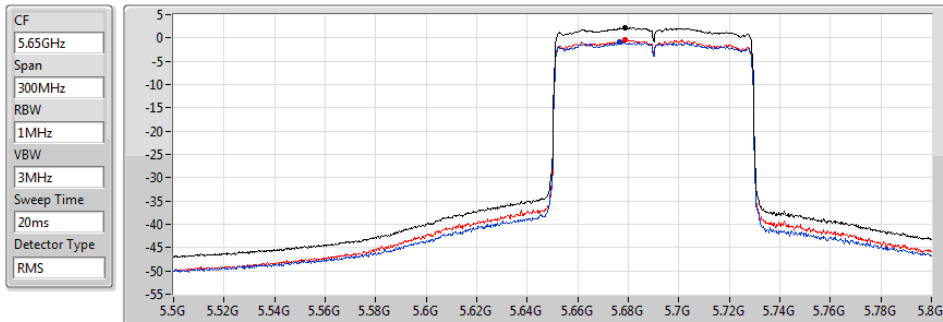
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.47	3.47	0.39	0.72

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

23/02/2020



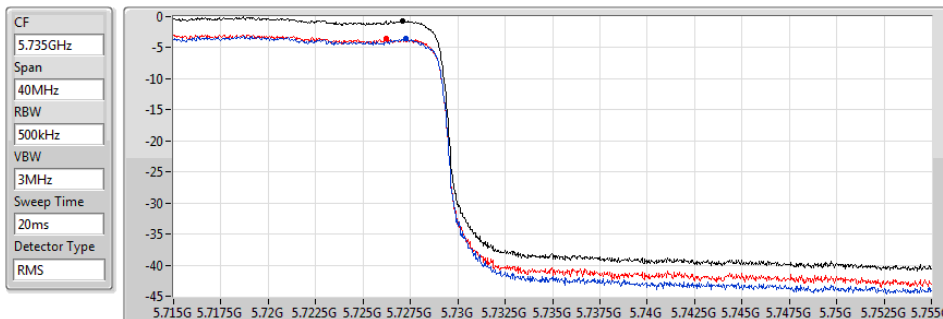
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.23	2.23	-0.86	-0.45

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

23/02/2020



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.65	-0.65	-3.57	-3.57

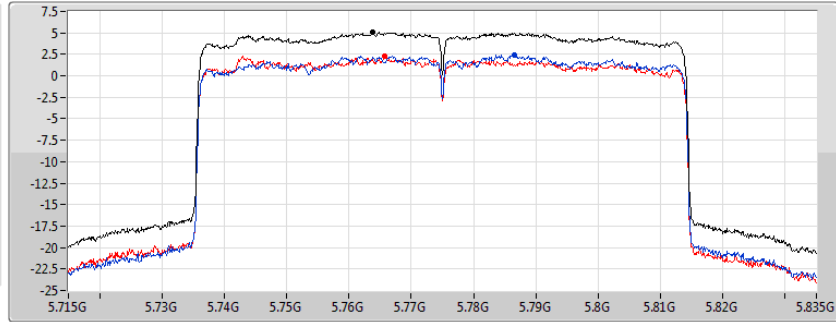
802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

23/02/2020

CF
5.775GHz
Span
120MHz
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)
5.05	5.05	2.47	2.33



PSD_
Beamforming Indoor Sample 1_Radio 2_2T1S

Appendix D.14

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	12.17	20.20
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	6.59	14.62
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	0.04	8.07
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	12.31	20.34
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	6.87	14.90
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	0.57	8.60
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	7.82	15.85
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	4.37	12.40
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-0.23	7.80
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	8.44	16.47
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	5.08	13.11
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	0.45	8.48
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	7.77	15.80
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	4.82	12.85
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	1.75	9.78
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	7.85	15.88
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	5.34	13.37
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	2.41	10.44
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	8.89	16.92
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	6.80	14.83
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	2.27	10.30
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	9.16	17.19
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	7.28	15.31
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	2.77	10.80

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)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.03	4.82	4.89	7.82	14.97	15.85	23.00
5200MHz	Pass	8.03	9.51	9.04	12.17	14.97	20.20	23.00
5240MHz	Pass	8.03	8.46	8.17	11.24	14.97	19.27	23.00
5260MHz	Pass	8.03	4.44	4.79	7.57	8.97	15.60	17.00
5300MHz	Pass	8.03	4.68	5.11	7.82	8.97	15.85	17.00
5320MHz	Pass	8.03	4.48	5.01	7.69	8.97	15.72	17.00
5500MHz	Pass	8.03	4.24	4.62	7.40	8.97	15.43	17.00
5580MHz	Pass	8.03	4.46	4.69	7.48	8.97	15.51	17.00
5700MHz	Pass	8.03	1.81	1.81	4.73	8.97	12.76	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.03	4.89	4.85	7.77	8.97	15.80	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.03	3.14	3.03	6.08	27.97	14.11	36.00
5745MHz	Pass	8.03	5.92	6.29	8.89	27.97	16.92	36.00
5785MHz	Pass	8.03	5.63	6.33	8.80	27.97	16.83	36.00
5825MHz	Pass	8.03	5.46	5.91	8.50	27.97	16.53	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.03	-0.26	-0.86	2.37	14.97	10.40	23.00
5230MHz	Pass	8.03	3.83	3.44	6.59	14.97	14.62	23.00
5270MHz	Pass	8.03	1.60	1.59	4.37	8.97	12.40	17.00
5310MHz	Pass	8.03	0.18	0.60	3.29	8.97	11.32	17.00
5510MHz	Pass	8.03	-1.23	-1.24	1.68	8.97	9.71	17.00
5550MHz	Pass	8.03	1.79	1.44	4.56	8.97	12.59	17.00
5670MHz	Pass	8.03	1.48	1.86	4.59	8.97	12.62	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.03	1.64	2.04	4.82	8.97	12.85	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.03	-0.46	-0.18	2.54	27.97	10.57	36.00
5755MHz	Pass	8.03	3.97	3.90	6.80	27.97	14.83	36.00
5795MHz	Pass	8.03	3.92	4.10	6.74	27.97	14.77	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.03	-2.66	-3.09	0.04	14.97	8.07	23.00
5290MHz	Pass	8.03	-3.10	-3.14	-0.23	8.97	7.80	17.00
5530MHz	Pass	8.03	-2.93	-2.38	0.31	8.97	8.34	17.00
5610MHz	Pass	8.03	-1.04	-1.12	1.75	8.97	9.78	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.03	-1.77	-1.33	1.42	8.97	9.45	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.03	-4.05	-4.21	-1.20	27.97	6.83	36.00
5775MHz	Pass	8.03	-1.09	-0.26	2.27	27.97	10.30	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.03	5.10	4.99	7.86	14.97	15.89	23.00
5200MHz	Pass	8.03	10.34	9.21	12.31	14.97	20.34	23.00
5240MHz	Pass	8.03	9.30	8.41	11.29	14.97	19.32	23.00
5260MHz	Pass	8.03	5.00	5.32	7.52	8.97	15.55	17.00
5300MHz	Pass	8.03	4.84	6.54	8.44	8.97	16.47	17.00
5320MHz	Pass	8.03	4.59	5.22	7.85	8.97	15.88	17.00
5500MHz	Pass	8.03	4.68	4.89	7.60	8.97	15.63	17.00
5580MHz	Pass	8.03	4.66	4.85	7.72	8.97	15.75	17.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5700MHz	Pass	8.03	1.97	2.07	5.03	8.97	13.06	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.03	5.00	5.42	7.85	8.97	15.88	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.03	3.73	2.94	6.28	27.97	14.31	36.00
5745MHz	Pass	8.03	6.22	6.76	9.16	27.97	17.19	36.00
5785MHz	Pass	8.03	5.96	6.55	9.03	27.97	17.06	36.00
5825MHz	Pass	8.03	5.80	6.11	8.64	27.97	16.67	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.03	0.06	-0.08	2.74	14.97	10.77	23.00
5230MHz	Pass	8.03	4.12	3.78	6.87	14.97	14.90	23.00
5270MHz	Pass	8.03	2.04	2.26	5.08	8.97	13.11	17.00
5310MHz	Pass	8.03	0.76	1.14	3.94	8.97	11.97	17.00
5510MHz	Pass	8.03	-0.76	-0.86	2.13	8.97	10.16	17.00
5550MHz	Pass	8.03	2.68	2.24	5.12	8.97	13.15	17.00
5670MHz	Pass	8.03	2.55	2.63	5.29	8.97	13.32	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.03	2.11	2.64	5.34	8.97	13.37	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.03	0.13	0.33	3.24	27.97	11.27	36.00
5755MHz	Pass	8.03	4.22	4.51	7.13	27.97	15.16	36.00
5795MHz	Pass	8.03	4.18	4.64	7.28	27.97	15.31	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.03	-2.33	-2.34	0.57	14.97	8.60	23.00
5290MHz	Pass	8.03	-2.58	-2.38	0.45	8.97	8.48	17.00
5530MHz	Pass	8.03	-2.01	-1.49	0.96	8.97	8.99	17.00
5610MHz	Pass	8.03	-0.45	-0.36	2.41	8.97	10.44	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.03	-0.86	-0.43	2.21	8.97	10.24	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.03	-3.76	-3.16	-0.44	27.97	7.59	36.00
5775MHz	Pass	8.03	-0.15	0.30	2.77	27.97	10.80	36.00

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

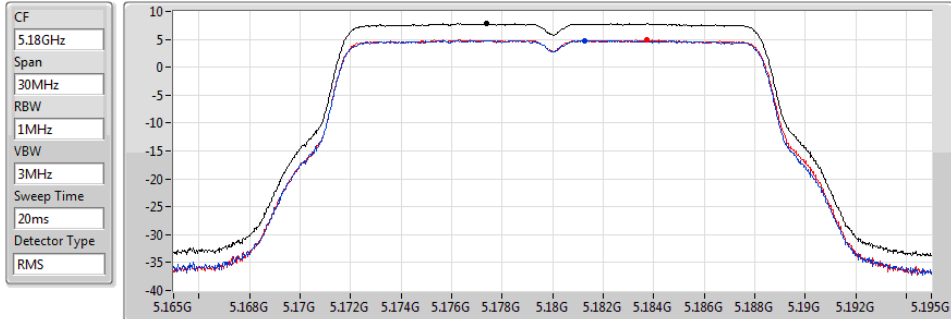
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

22/02/2020



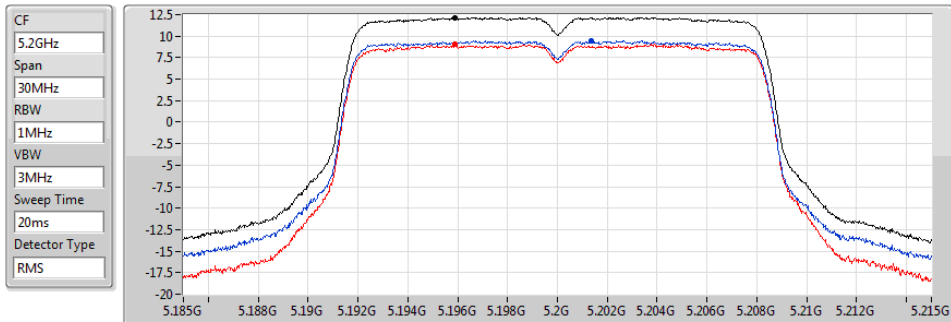
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.82	7.82	4.82	4.89

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

22/02/2020



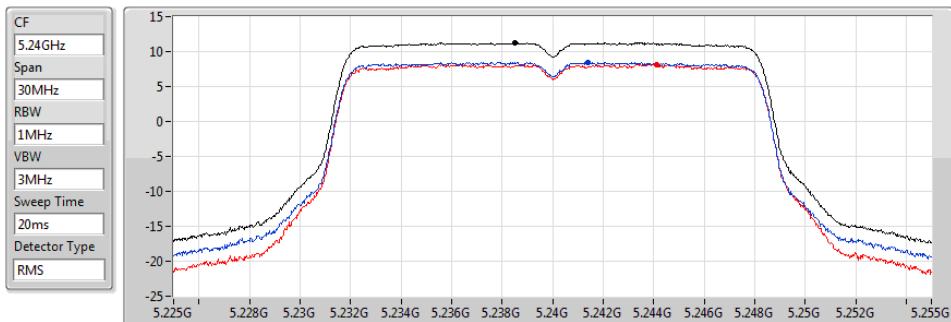
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
12.17	12.17	9.51	9.04

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

22/02/2020



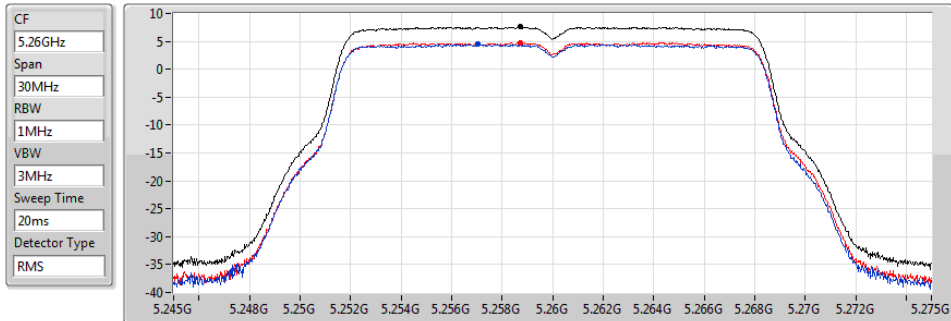
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.24	11.24	8.46	8.17

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5260MHz

22/02/2020



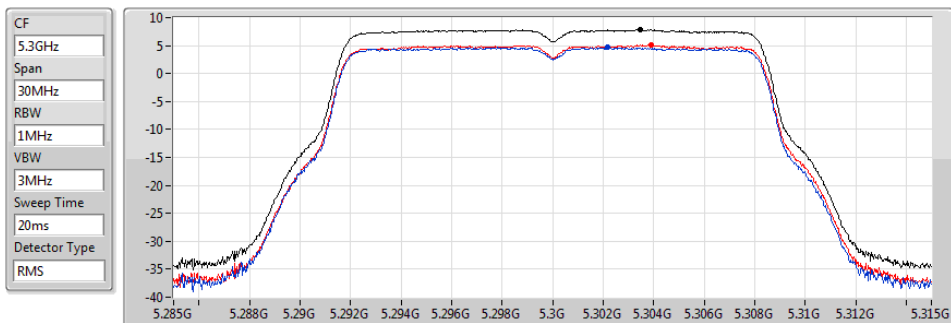
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.57	7.57	4.44	4.79

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5300MHz

22/02/2020



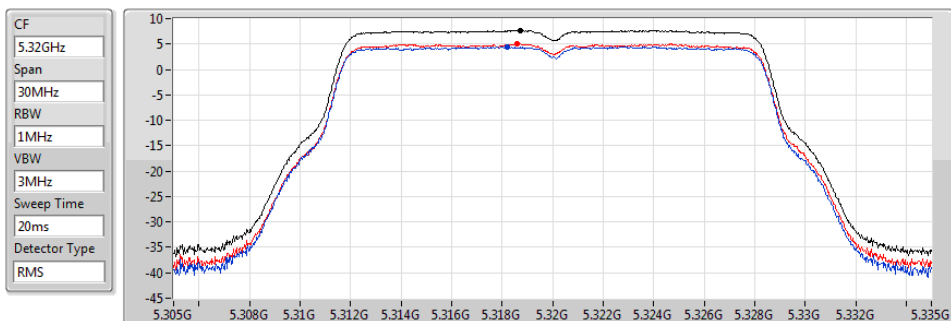
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.82	7.82	4.68	5.11

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5320MHz

22/02/2020



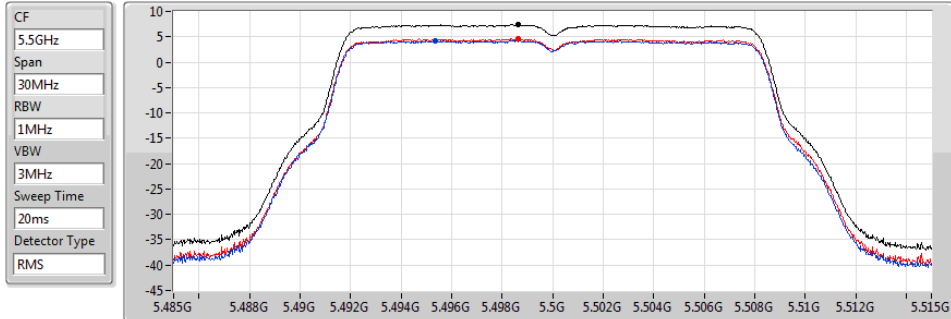
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.69	7.69	4.48	5.01

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5500MHz

22/02/2020



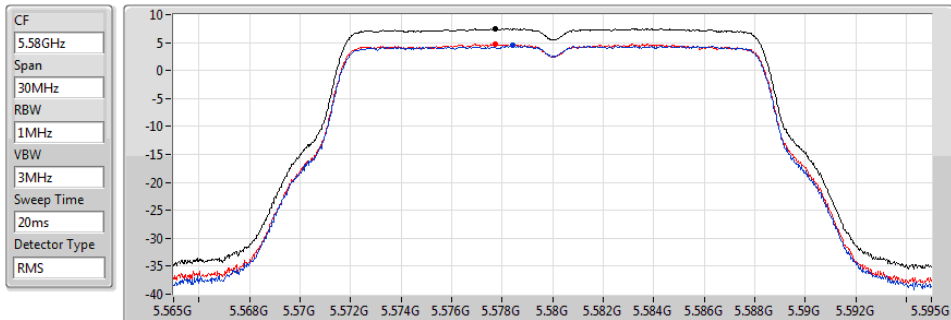
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.40	7.40	4.24	4.62

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5580MHz

23/02/2020



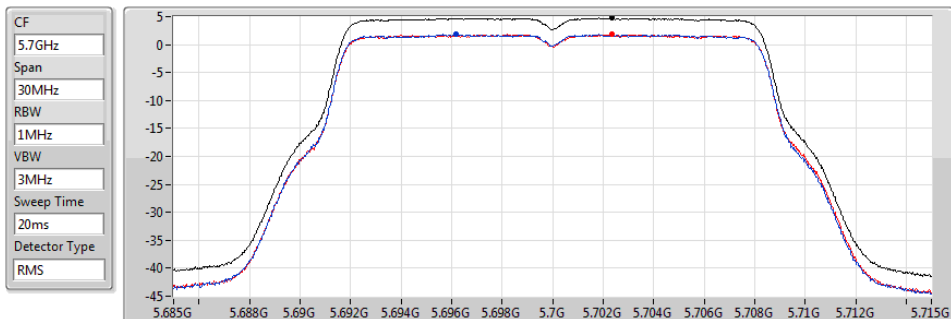
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.48	7.48	4.46	4.69

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5700MHz

23/02/2020



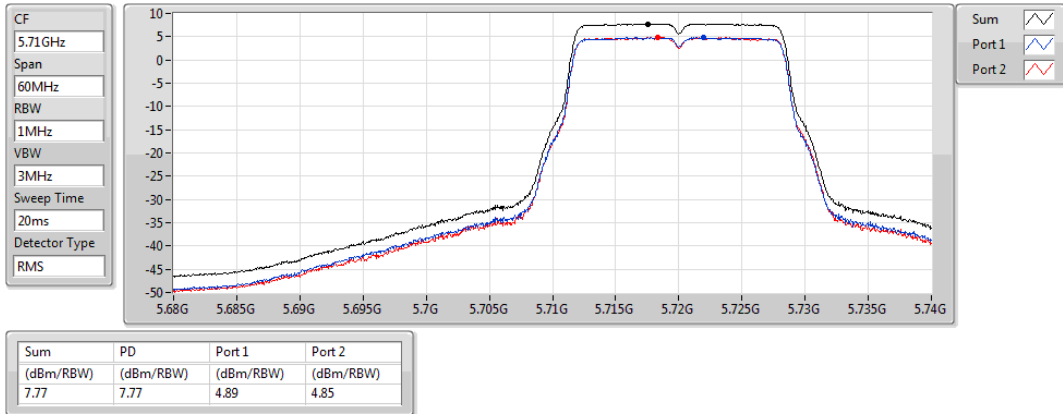
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.73	4.73	1.81	1.81

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz

PSD

23/02/2020

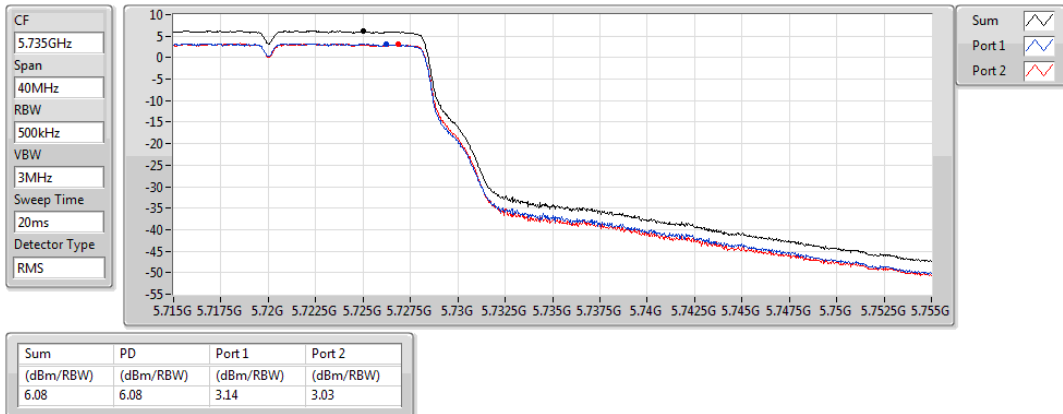


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

23/02/2020

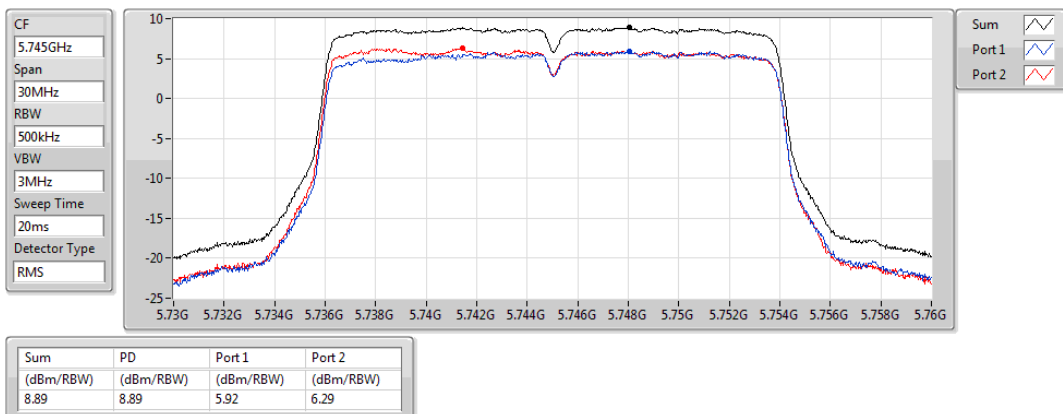


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5745MHz

PSD

23/02/2020

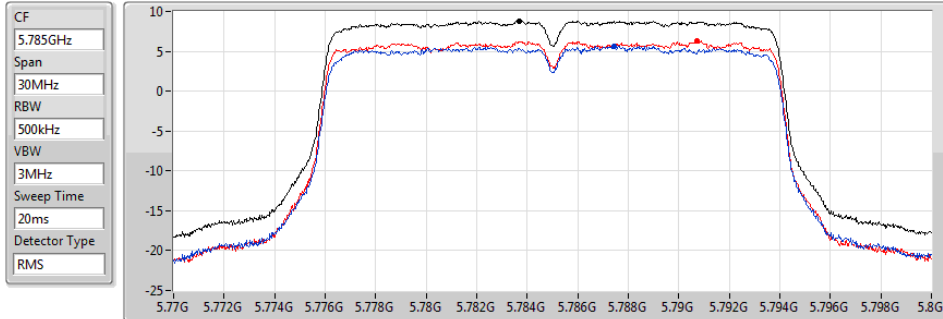


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

23/02/2020



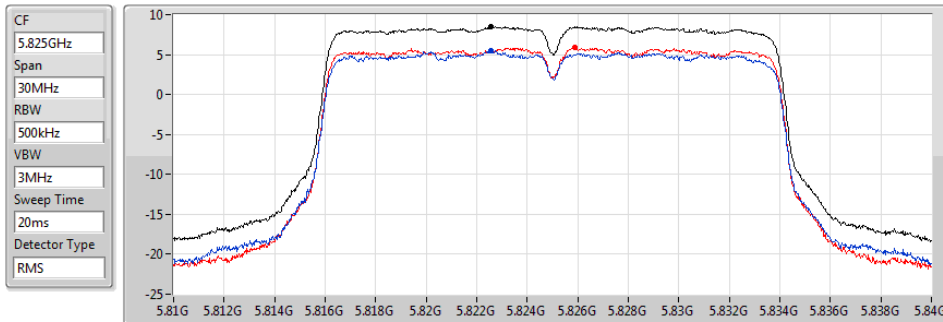
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.80	8.80	5.63	6.33

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

23/02/2020



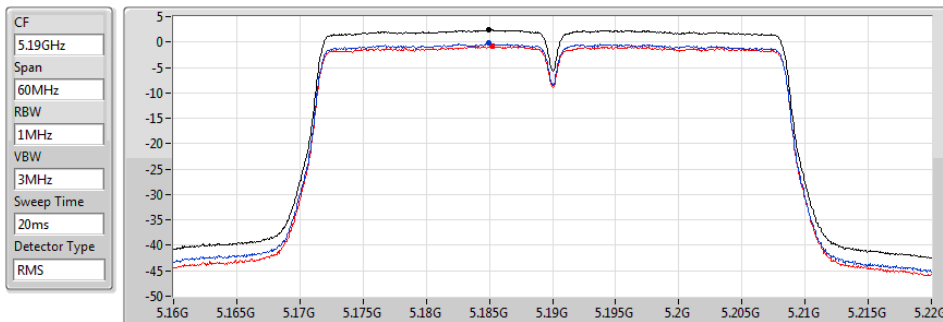
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.50	8.50	5.46	5.91

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

23/02/2020



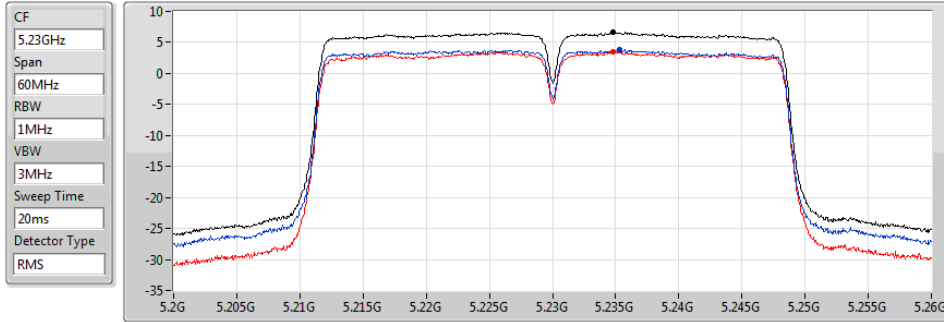
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.37	2.37	-0.26	-0.86

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

23/02/2020



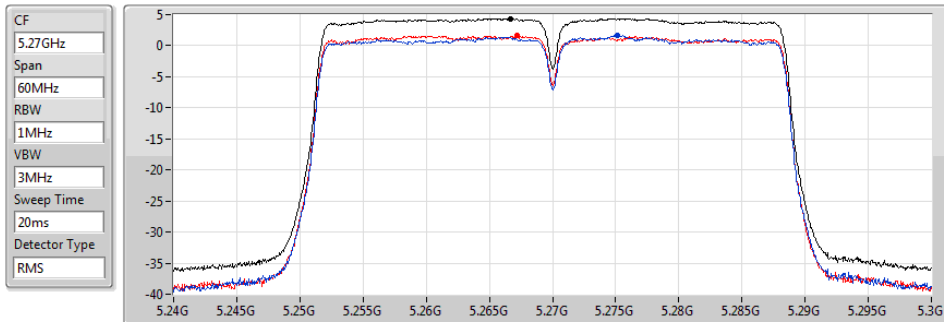
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.59	6.59	3.83	3.44

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5270MHz

23/02/2020



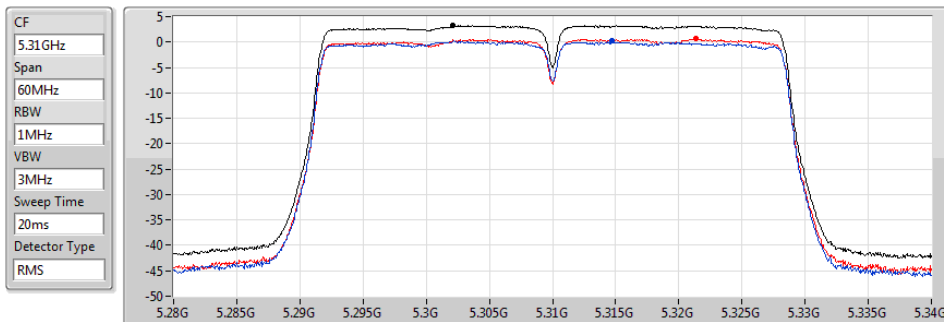
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.37	4.37	1.60	1.59

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5310MHz

23/02/2020



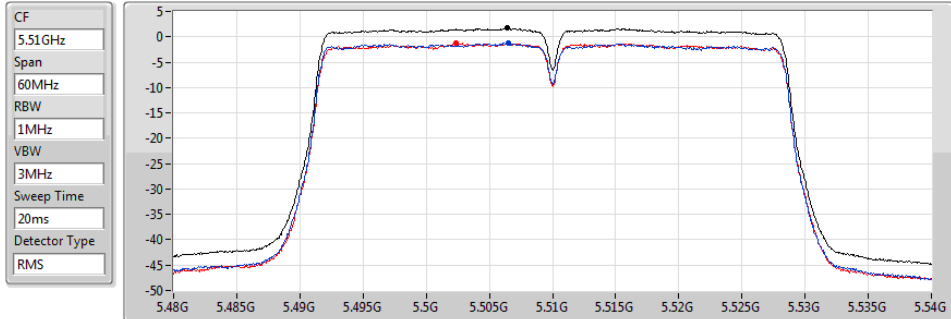
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.29	3.29	0.18	0.60

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5510MHz

23/02/2020



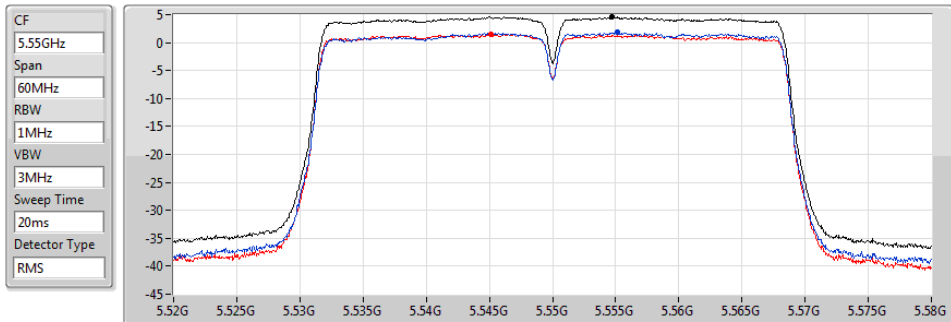
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.68	1.68	-1.23	-1.24

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5550MHz

23/02/2020



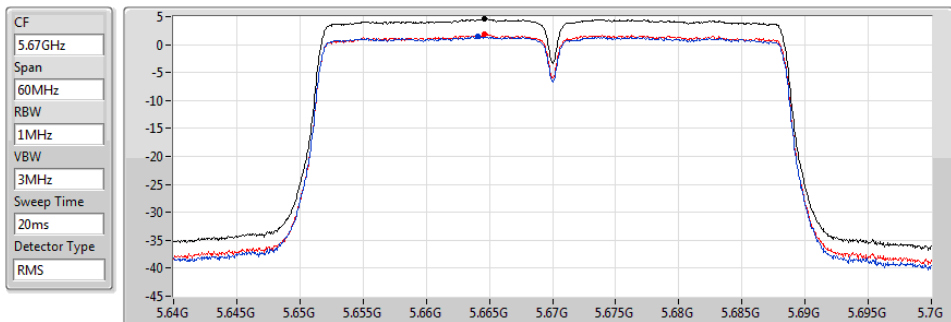
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.56	4.56	1.79	1.44

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5670MHz

23/02/2020



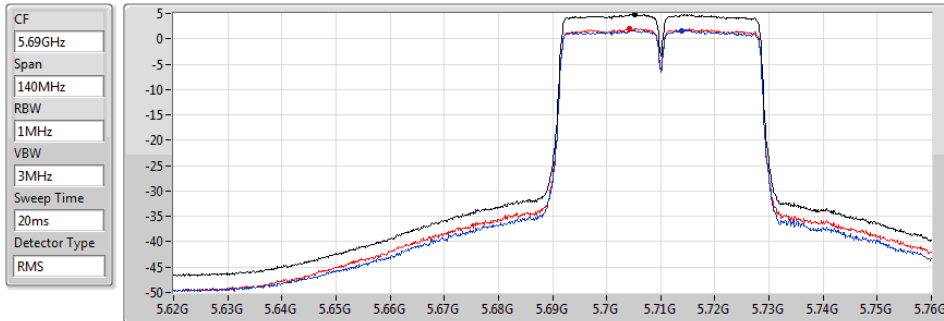
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.59	4.59	1.48	1.86

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5710MHz Straddle 5.47-5.725GHz

PSD

23/02/2020



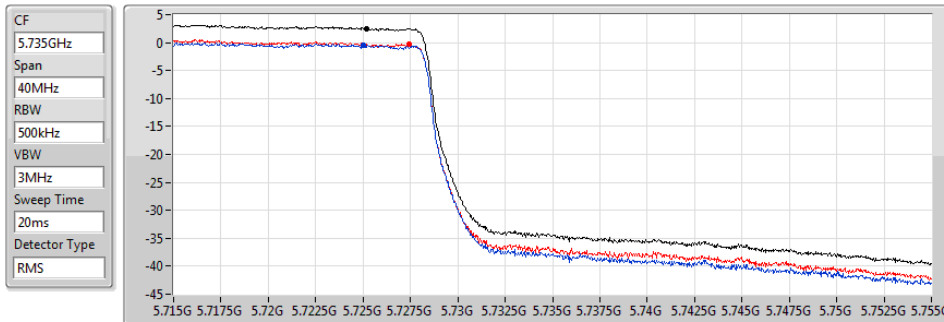
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.82	4.82	1.64	2.04

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5710MHz Straddle 5.725-5.85GHz

PSD

23/02/2020



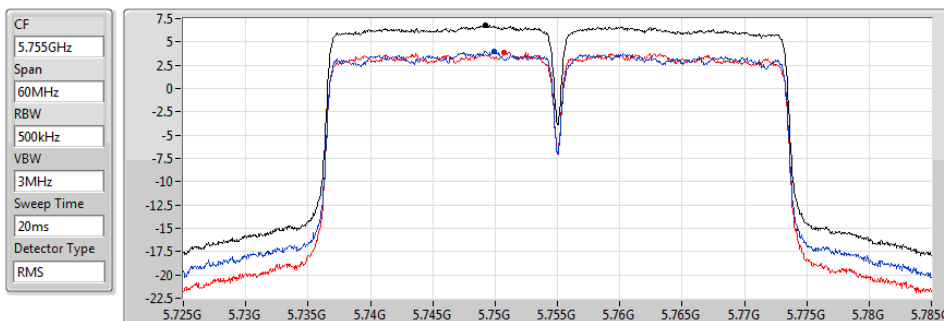
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.54	2.54	-0.46	-0.18

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5755MHz

PSD

23/02/2020



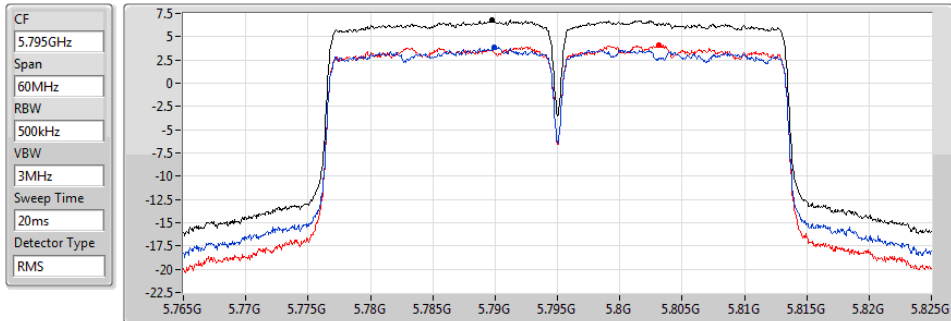
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.80	6.80	3.97	3.90

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

23/02/2020



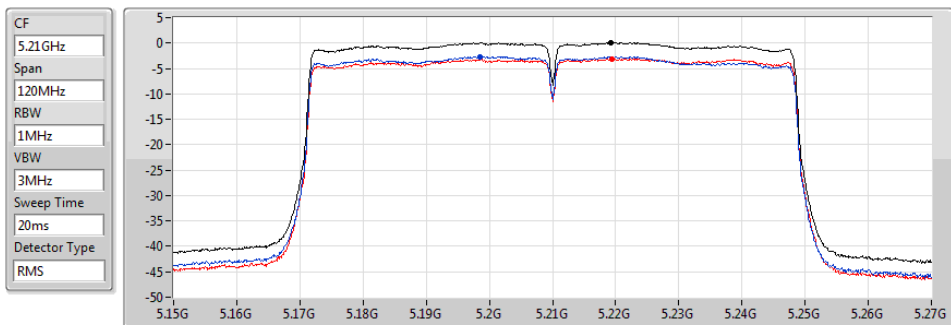
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.74	6.74	3.92	4.10

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

23/02/2020



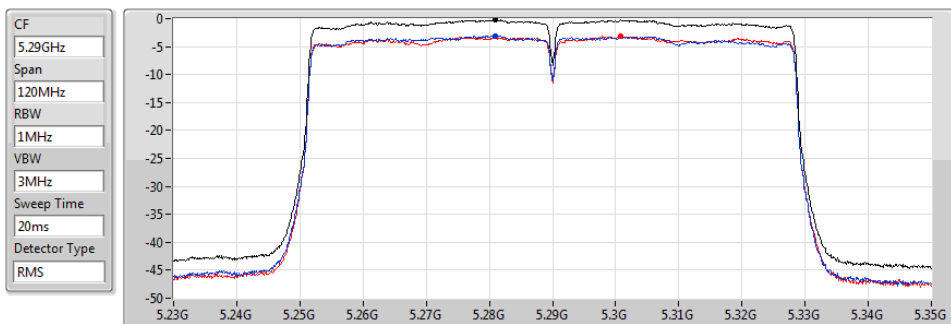
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.04	0.04	-2.66	-3.09

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5290MHz

23/02/2020



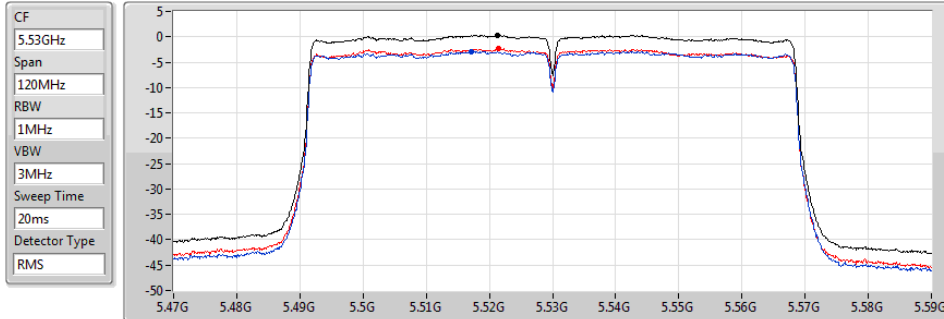
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.23	-0.23	-3.10	-3.14

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5530MHz

23/02/2020



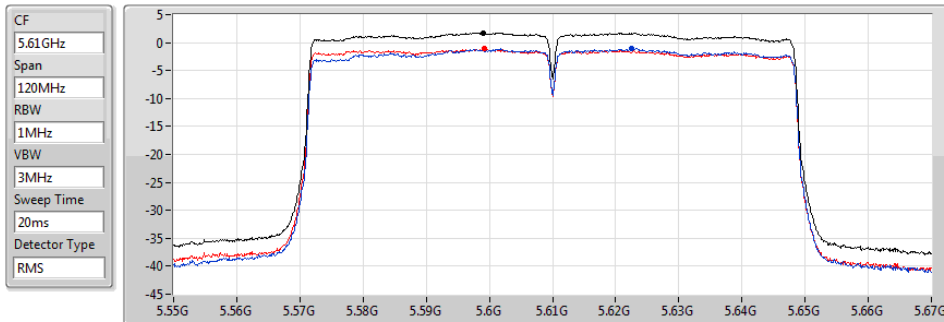
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.31	0.31	-2.93	-2.38

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5610MHz

23/02/2020



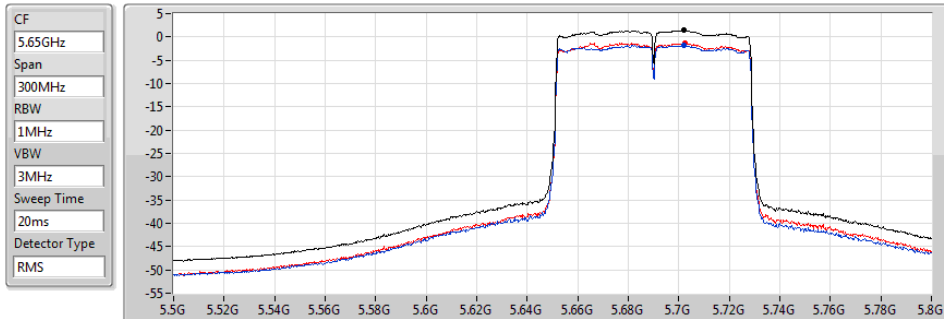
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.75	1.75	-1.04	-1.12

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

23/02/2020



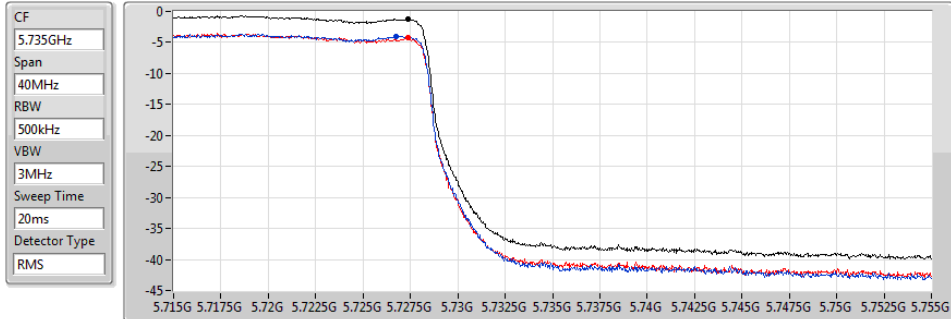
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.42	1.42	-1.77	-1.33

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

23/02/2020



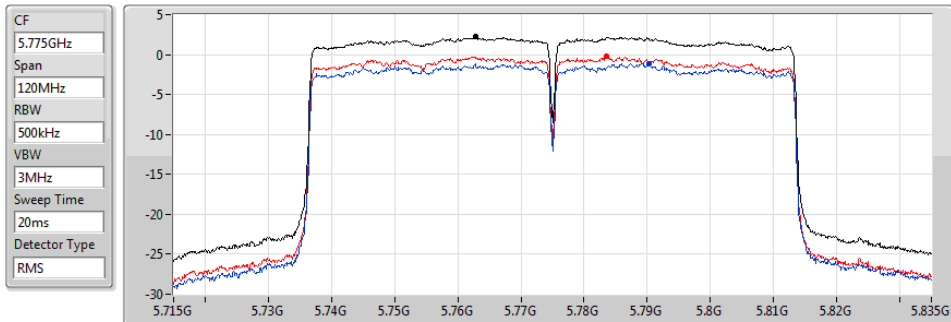
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.20	-1.20	-4.05	-4.21

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

23/02/2020



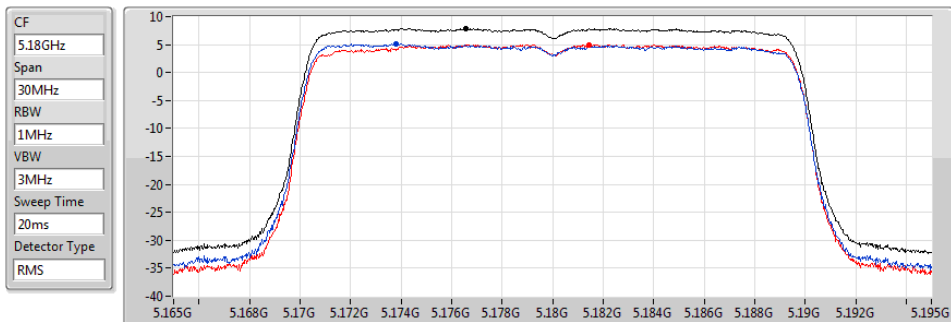
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.27	2.27	-1.09	-0.26

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

22/02/2020



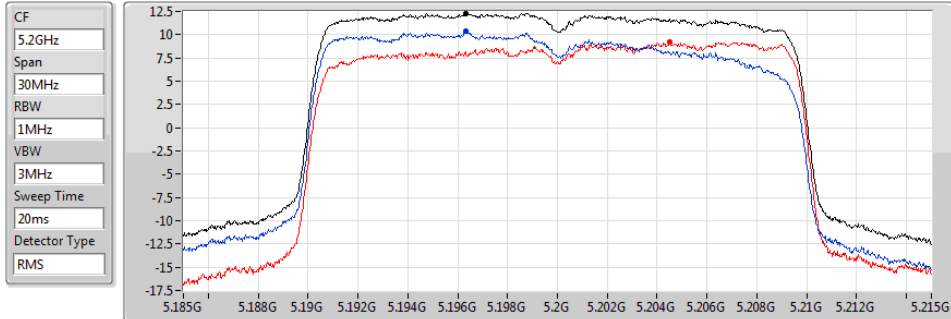
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.86	7.86	5.10	4.99

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

22/02/2020



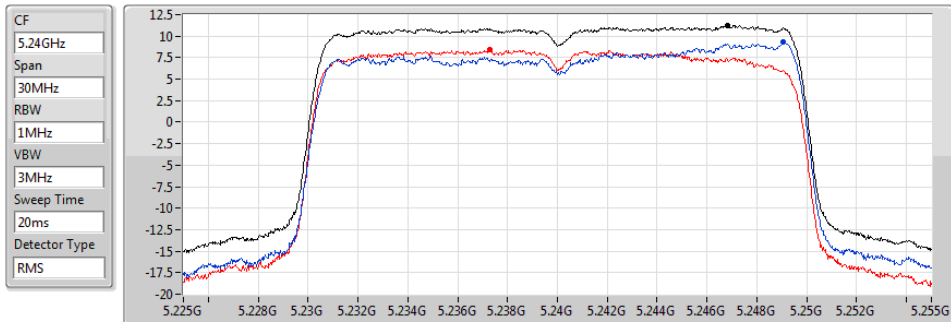
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.31	12.31	10.34	9.21

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

22/02/2020



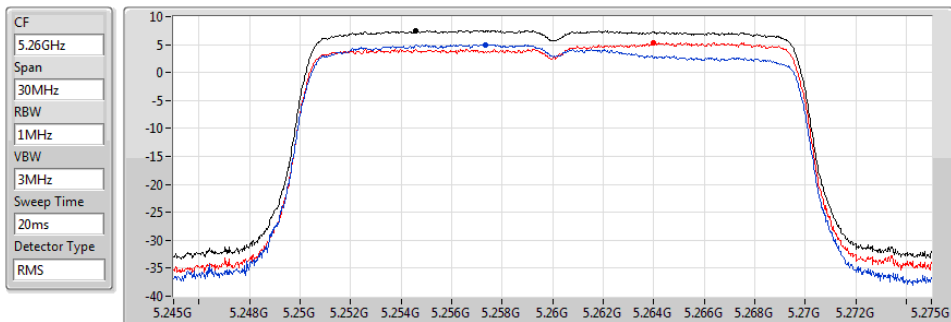
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.29	11.29	9.30	8.41

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5260MHz

22/02/2020



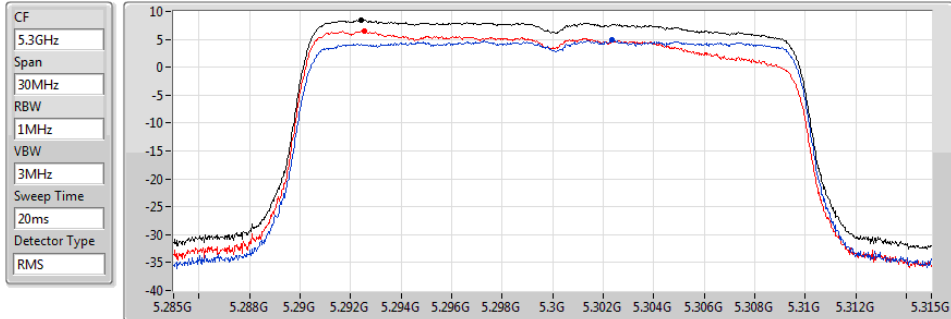
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.52	7.52	5.00	5.32

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5300MHz

22/02/2020



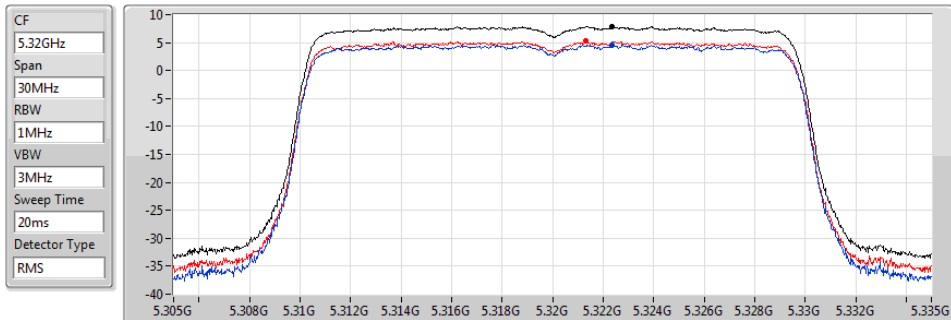
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.44	8.44	4.84	6.54

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5320MHz

22/02/2020



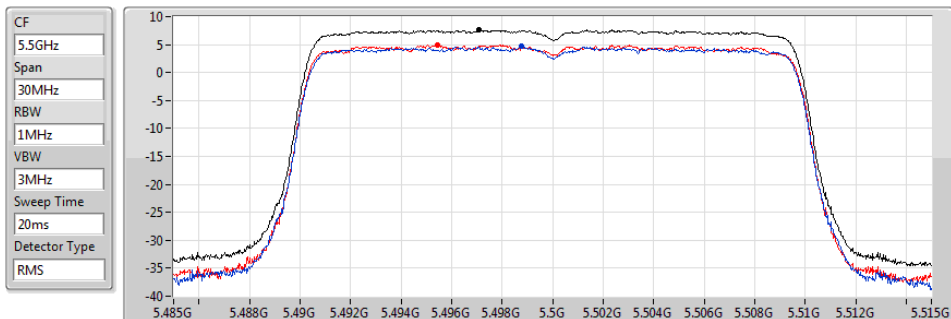
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.85	7.85	4.59	5.22

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5500MHz

22/02/2020



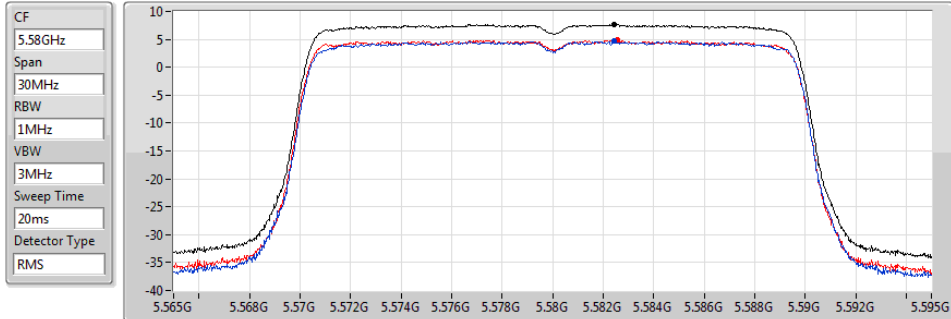
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.60	7.60	4.68	4.89

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5580MHz

22/02/2020



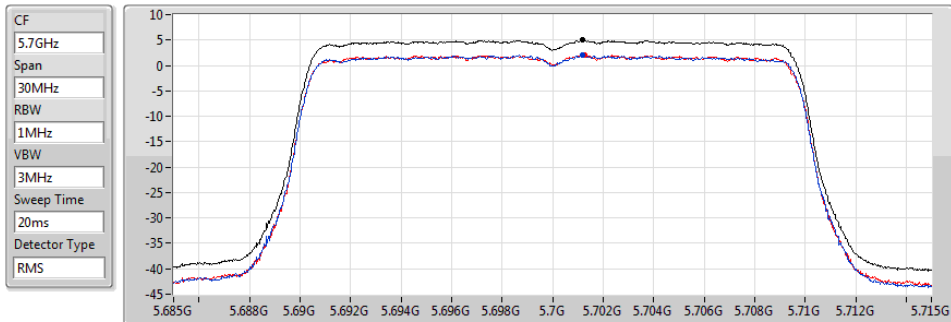
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.72	7.72	4.66	4.85

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5700MHz

22/02/2020



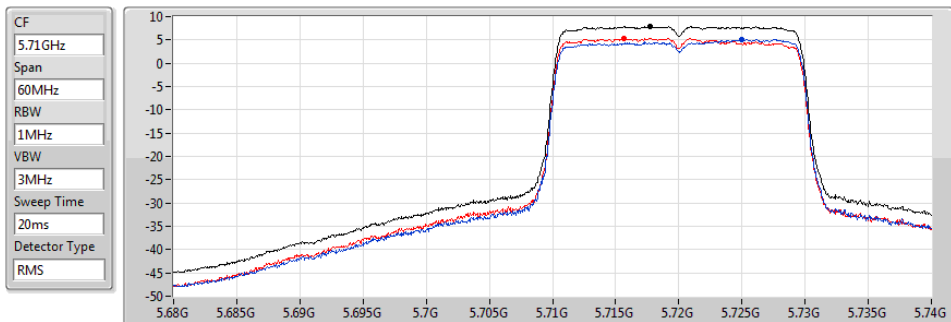
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.03	5.03	1.97	2.07

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

22/02/2020



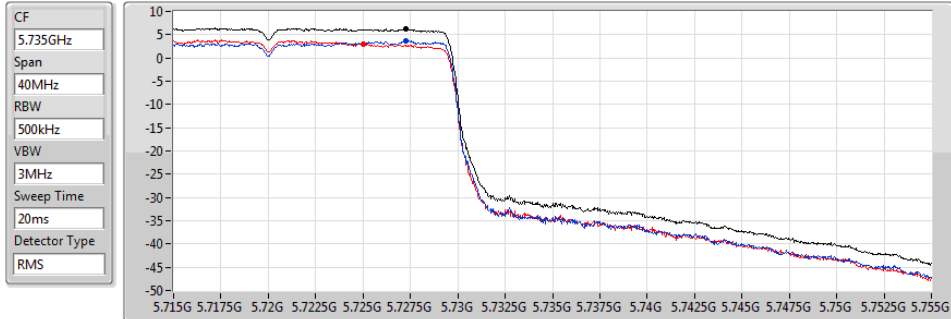
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.85	7.85	5.00	5.42

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

22/02/2020



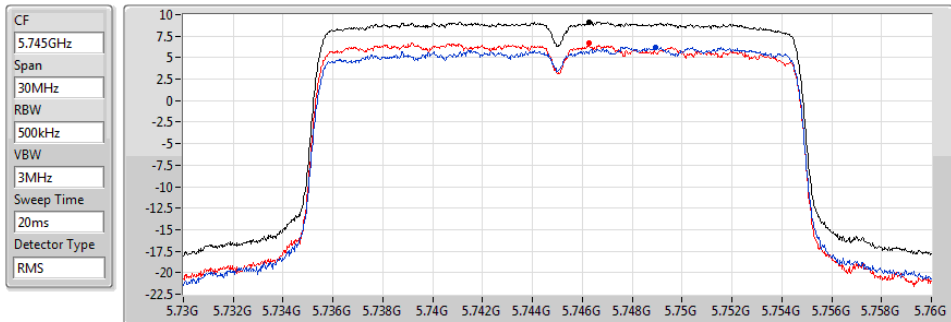
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.28	6.28	3.73	2.94

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

22/02/2020



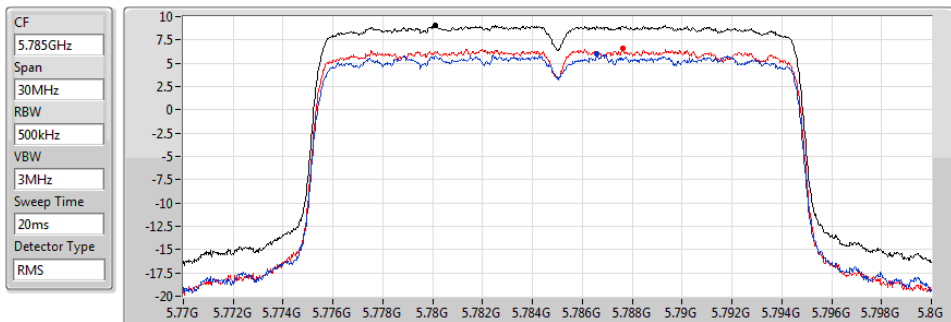
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.16	9.16	6.22	6.76

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

22/02/2020



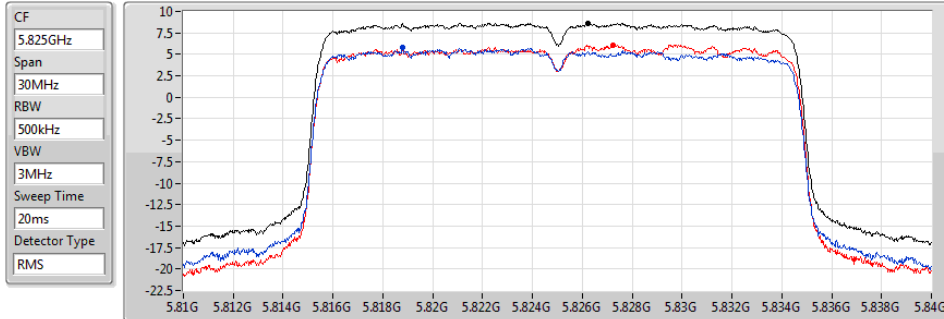
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.03	9.03	5.96	6.55

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

22/02/2020



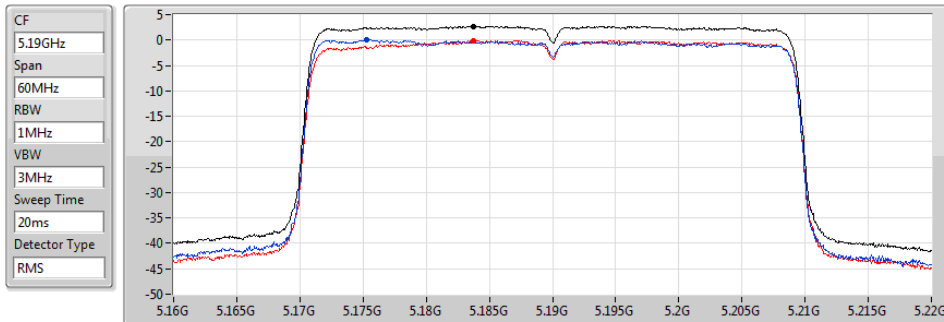
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.64	8.64	5.80	6.11

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

22/02/2020



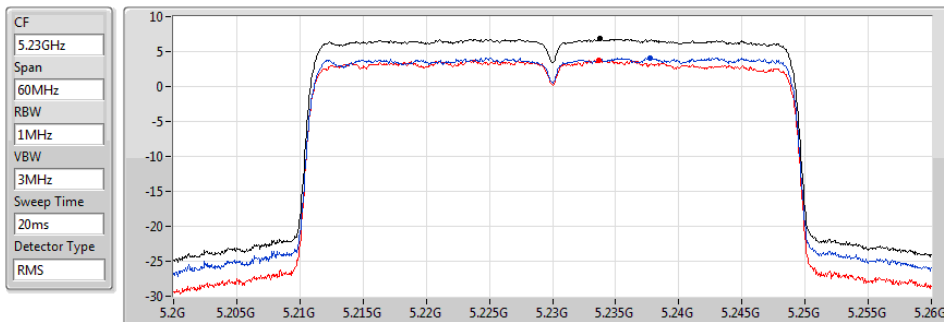
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.74	2.74	0.06	-0.08

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

22/02/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.87	6.87	4.12	3.78

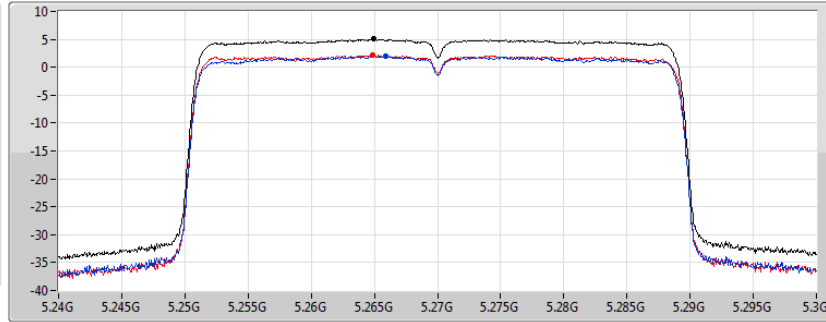
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5270MHz

22/02/2020

CF
5.27GHz
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)
5.08	5.08	2.04	2.26

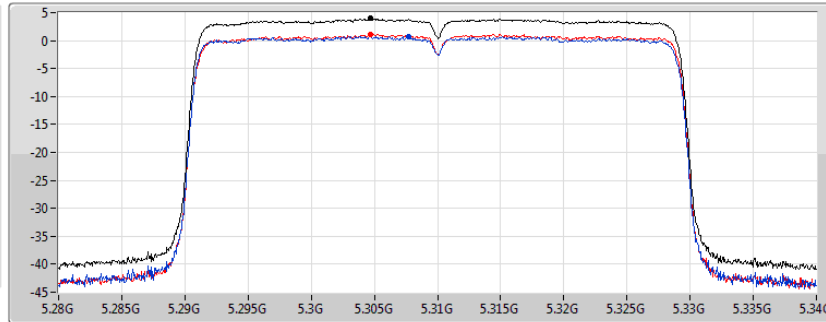
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5310MHz

22/02/2020

CF
5.31GHz
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)
3.94	3.94	0.76	1.14

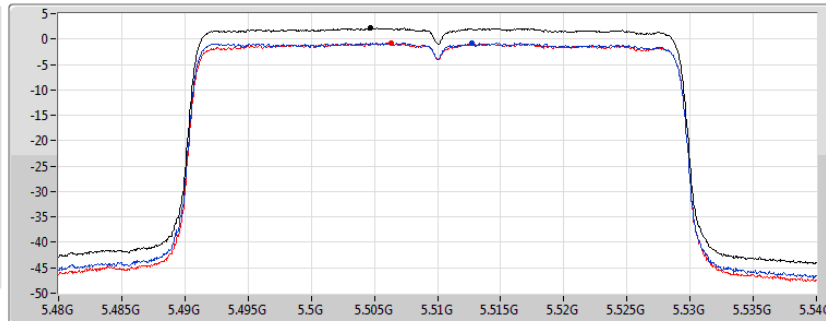
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5510MHz

22/02/2020

CF
5.51GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

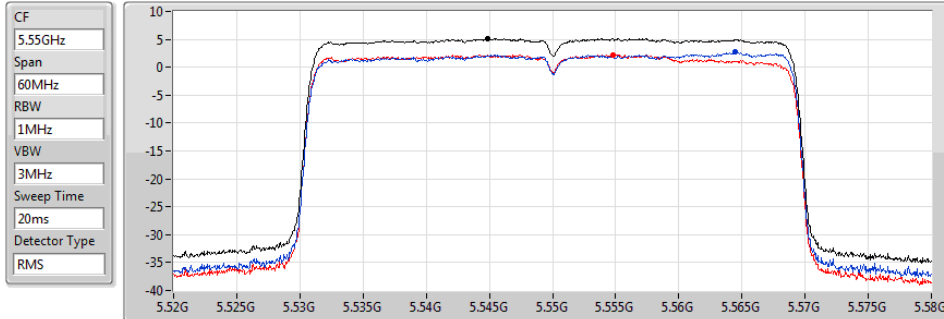
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.13	2.13	-0.76	-0.86

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5550MHz

22/02/2020



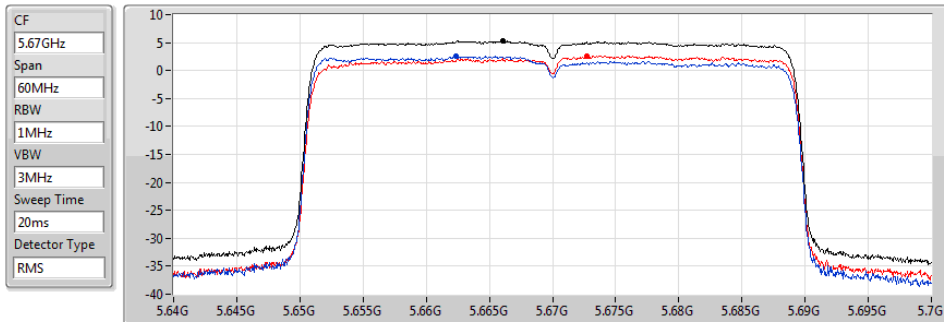
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.12	5.12	2.68	2.24

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5670MHz

22/02/2020



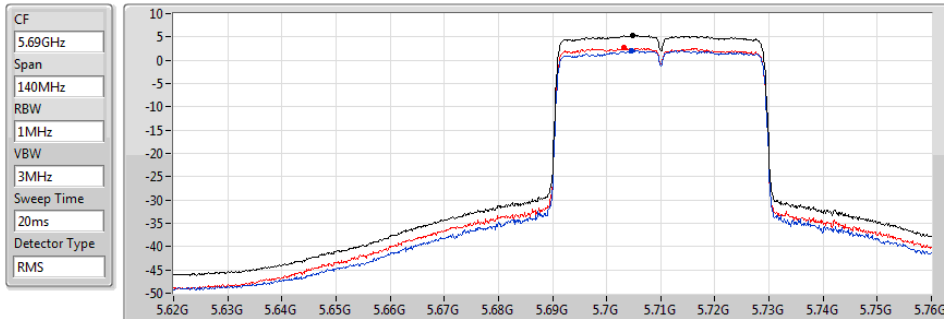
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.29	5.29	2.55	2.63

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

22/02/2020



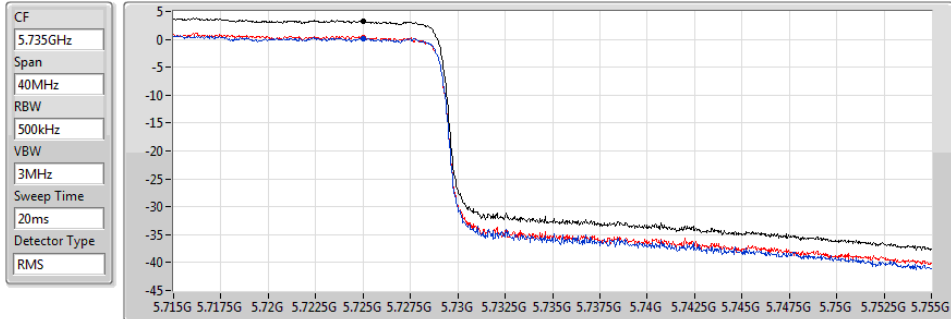
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.34	5.34	2.11	2.64

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

22/02/2020



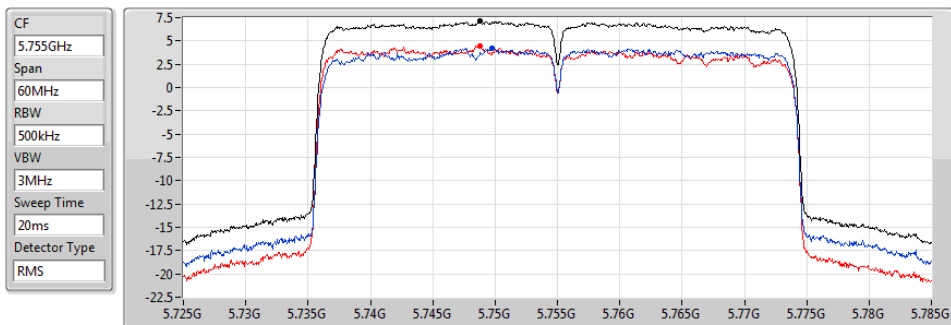
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.24	3.24	0.13	0.33

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

22/02/2020



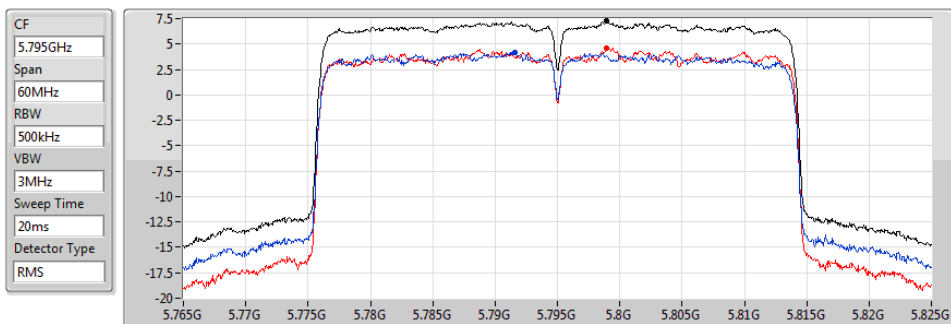
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.13	7.13	4.22	4.51

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

22/02/2020



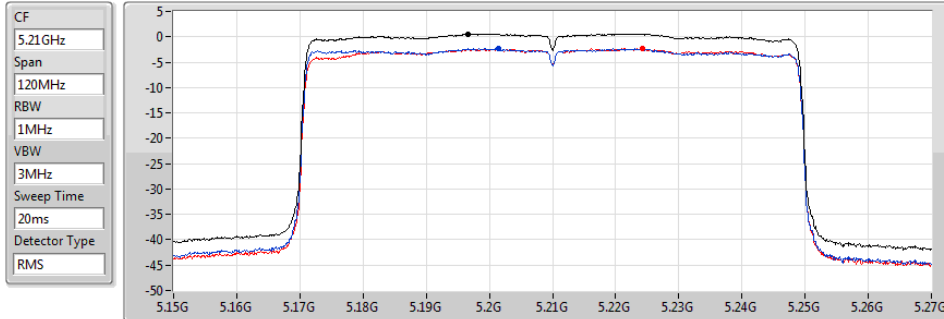
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.28	7.28	4.18	4.64

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

22/02/2020



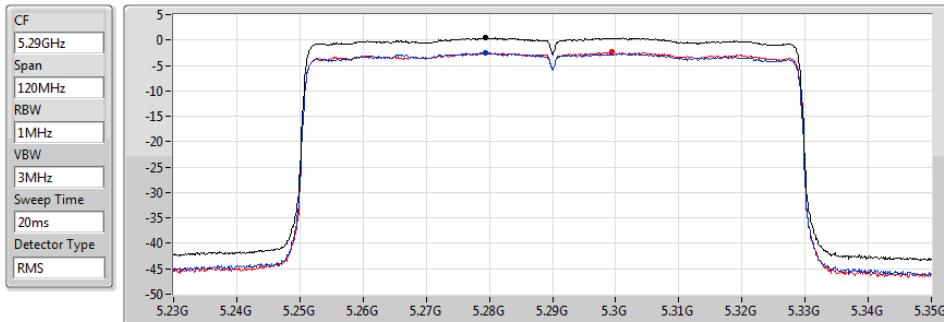
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.57	0.57	-2.33	-2.34

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5290MHz

22/02/2020



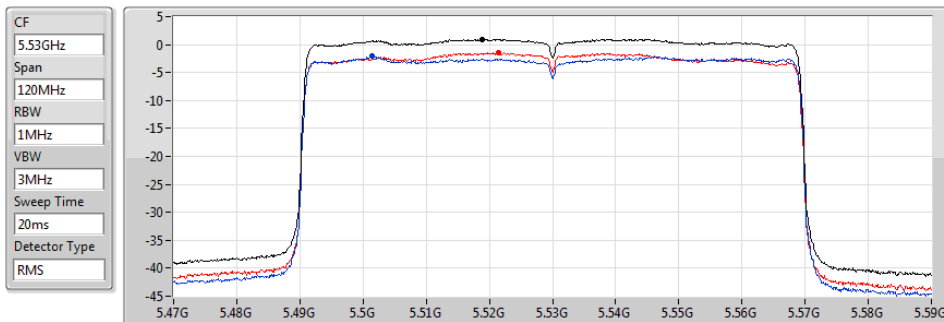
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.45	0.45	-2.58	-2.38

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5530MHz

22/02/2020



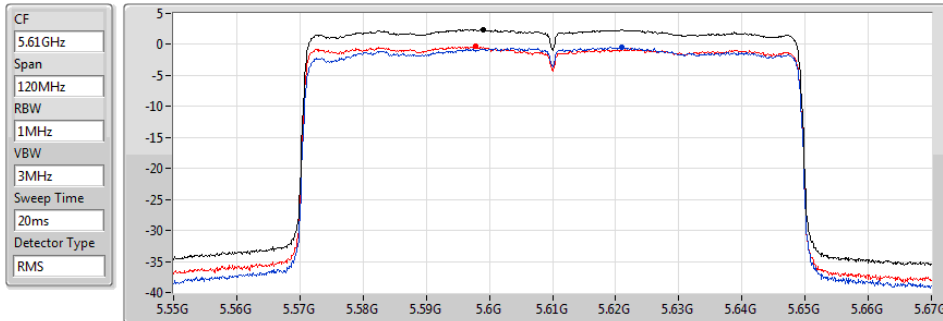
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.96	0.96	-2.01	-1.49

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5610MHz

22/02/2020



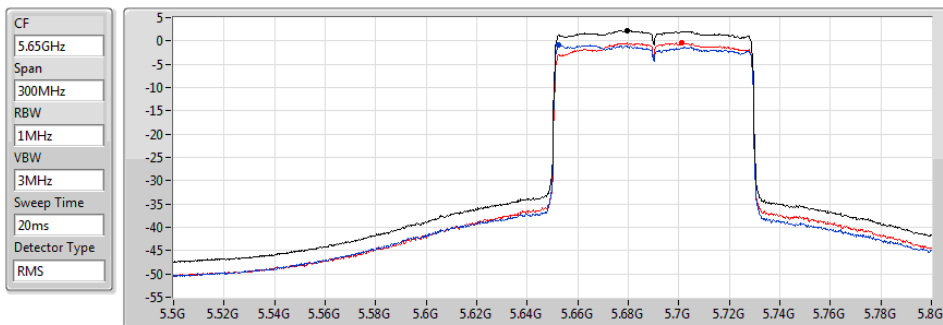
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.41	2.41	-0.45	-0.36

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

22/02/2020



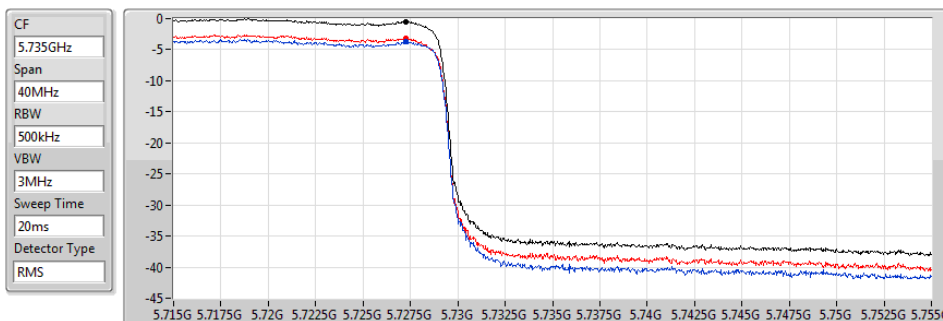
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.21	2.21	-0.86	-0.43

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

22/02/2020



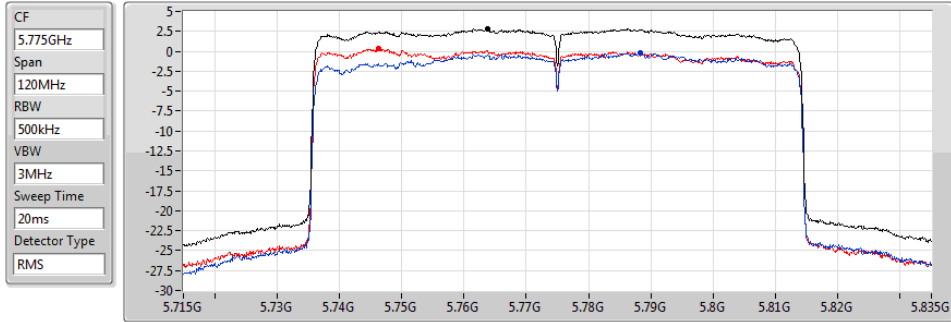
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.44	-0.44	-3.76	-3.16

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

22/02/2020



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.77	2.77	-0.15	0.30

Sum	
Port 1	
Port 2	



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	10.44	21.45
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	5.82	16.83
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-2.85	8.16
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	10.43	21.44
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	3.76	14.77
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-2.55	8.46
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	4.24	15.25
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	1.68	12.69
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-2.17	8.84
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	4.33	15.34
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	1.86	12.87
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-2.01	9.00
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	4.93	15.94
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	2.07	13.08
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-0.93	10.08
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	5.14	16.15
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	2.28	13.29
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-0.45	10.56
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	9.09	20.10
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	6.02	17.03
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-0.94	10.07
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	9.21	20.22
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	6.00	17.01
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-0.94	10.07

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)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.01	3.07	2.12	5.61	11.99	16.62	23.00
5200MHz	Pass	11.01	7.20	7.19	10.20	11.99	21.21	23.00
5240MHz	Pass	11.01	7.46	7.62	10.44	11.99	21.45	23.00
5260MHz	Pass	11.01	0.38	1.83	4.09	5.99	15.10	17.00
5300MHz	Pass	11.01	1.22	1.68	4.24	5.99	15.25	17.00
5320MHz	Pass	11.01	0.50	0.86	3.56	5.99	14.57	17.00
5500MHz	Pass	11.01	0.80	1.00	3.84	5.99	14.85	17.00
5580MHz	Pass	11.01	1.95	2.09	4.85	5.99	15.86	17.00
5700MHz	Pass	11.01	-1.88	-1.51	1.23	5.99	12.24	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	11.01	1.76	2.16	4.93	5.99	15.94	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	11.01	0.15	0.42	3.20	24.99	14.21	36.00
5745MHz	Pass	11.01	5.94	6.42	9.09	24.99	20.10	36.00
5785MHz	Pass	11.01	5.04	6.25	8.49	24.99	19.50	36.00
5825MHz	Pass	11.01	-1.30	-0.70	1.95	24.99	12.96	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	11.01	-2.87	-3.11	-0.13	11.99	10.88	23.00
5230MHz	Pass	11.01	2.90	2.76	5.82	11.99	16.83	23.00
5270MHz	Pass	11.01	-1.45	-1.11	1.68	5.99	12.69	17.00
5310MHz	Pass	11.01	-2.61	-2.07	0.55	5.99	11.56	17.00
5510MHz	Pass	11.01	-0.95	-1.48	1.72	5.99	12.73	17.00
5550MHz	Pass	11.01	-3.60	-4.52	-1.18	5.99	9.83	17.00
5670MHz	Pass	11.01	-0.74	-0.86	2.07	5.99	13.08	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	11.01	-0.96	-0.72	2.03	5.99	13.04	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	11.01	-2.71	-2.90	0.19	24.99	11.20	36.00
5755MHz	Pass	11.01	2.24	2.41	5.11	24.99	16.12	36.00
5795MHz	Pass	11.01	3.26	3.33	6.02	24.99	17.03	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	11.01	-5.84	-5.71	-2.85	11.99	8.16	23.00
5290MHz	Pass	11.01	-5.41	-4.89	-2.17	5.99	8.84	17.00
5530MHz	Pass	11.01	-6.99	-6.99	-4.04	5.99	6.97	17.00
5610MHz	Pass	11.01	-3.94	-3.75	-0.93	5.99	10.08	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	11.01	-4.06	-3.86	-1.06	5.99	9.95	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	11.01	-7.54	-6.65	-4.13	24.99	6.88	36.00
5775MHz	Pass	11.01	-4.16	-3.59	-0.94	24.99	10.07	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.01	3.34	3.45	6.23	11.99	17.24	23.00
5200MHz	Pass	11.01	7.21	7.18	10.12	11.99	21.13	23.00
5240MHz	Pass	11.01	7.83	7.77	10.43	11.99	21.44	23.00
5260MHz	Pass	11.01	1.70	0.74	4.08	5.99	15.09	17.00
5300MHz	Pass	11.01	1.22	1.79	4.33	5.99	15.34	17.00
5320MHz	Pass	11.01	-0.48	0.69	2.81	5.99	13.82	17.00
5500MHz	Pass	11.01	0.95	1.38	3.83	5.99	14.84	17.00
5580MHz	Pass	11.01	2.21	1.66	4.52	5.99	15.53	17.00



PSD_
Beamforming Indoor Sample 2 Radio 1 Omni 2T1S

Appendix D.15

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5700MHz	Pass	11.01	-1.33	-0.65	1.53	5.99	12.54	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	11.01	2.57	2.69	5.14	5.99	16.15	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	11.01	-0.53	1.14	3.31	24.99	14.32	36.00
5745MHz	Pass	11.01	6.05	6.66	9.21	24.99	20.22	36.00
5785MHz	Pass	11.01	6.13	6.50	9.04	24.99	20.05	36.00
5825MHz	Pass	11.01	-1.17	-0.68	2.04	24.99	13.05	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	11.01	-2.63	-2.83	0.25	11.99	11.26	23.00
5230MHz	Pass	11.01	0.76	0.89	3.76	11.99	14.77	23.00
5270MHz	Pass	11.01	-1.27	-0.84	1.86	5.99	12.87	17.00
5310MHz	Pass	11.01	-2.41	-1.99	0.60	5.99	11.61	17.00
5510MHz	Pass	11.01	-1.04	-1.24	1.82	5.99	12.83	17.00
5550MHz	Pass	11.01	-0.87	-1.21	1.93	5.99	12.94	17.00
5670MHz	Pass	11.01	-0.35	-0.39	2.28	5.99	13.29	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	11.01	-0.68	-0.57	2.22	5.99	13.23	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	11.01	-2.52	-2.95	0.23	24.99	11.24	36.00
5755MHz	Pass	11.01	2.41	2.66	5.28	24.99	16.29	36.00
5795MHz	Pass	11.01	3.18	3.25	6.00	24.99	17.01	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	11.01	-5.47	-5.50	-2.55	11.99	8.46	23.00
5290MHz	Pass	11.01	-5.41	-4.62	-2.01	5.99	9.00	17.00
5530MHz	Pass	11.01	-6.98	-6.61	-3.88	5.99	7.13	17.00
5610MHz	Pass	11.01	-3.63	-3.20	-0.45	5.99	10.56	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	11.01	-3.68	-3.61	-0.67	5.99	10.34	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	11.01	-6.40	-6.50	-3.49	24.99	7.52	36.00
5775MHz	Pass	11.01	-3.91	-3.90	-0.94	24.99	10.07	36.00

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

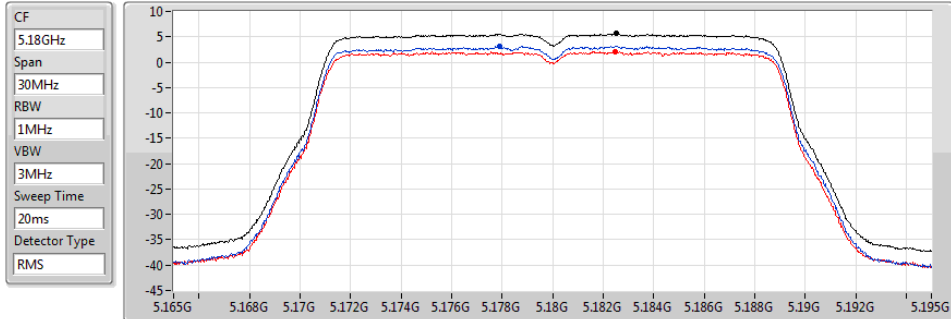
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

23/02/2020



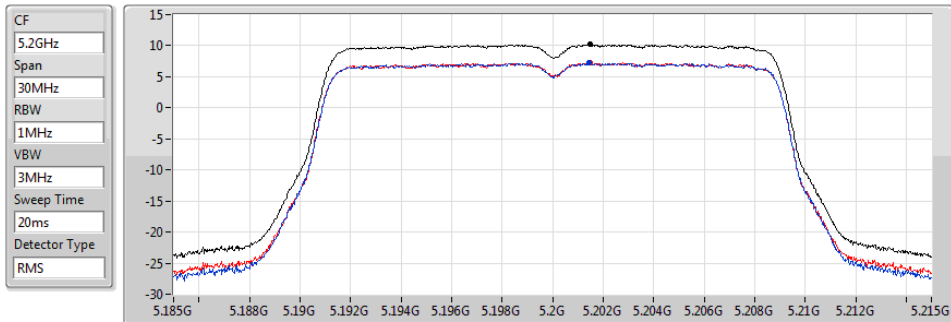
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.61	5.61	3.07	2.12

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

23/02/2020



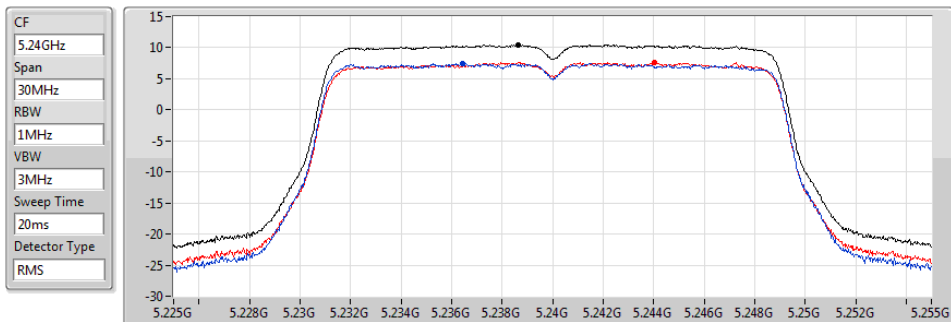
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.20	10.20	7.20	7.19

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

23/02/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.44	10.44	7.46	7.62

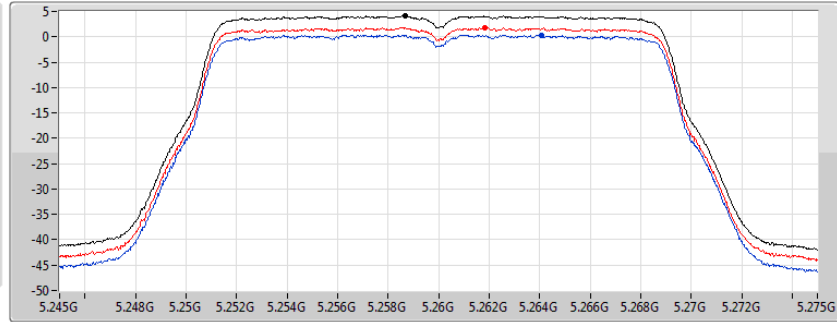
802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5260MHz

23/02/2020

CF
5.26GHz
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)
4.09	4.09	0.38	1.83

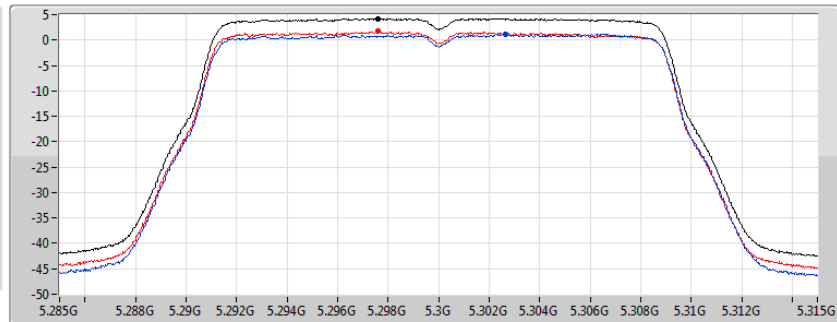
802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5300MHz

23/02/2020

CF
5.3GHz
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)
4.24	4.24	1.22	1.68

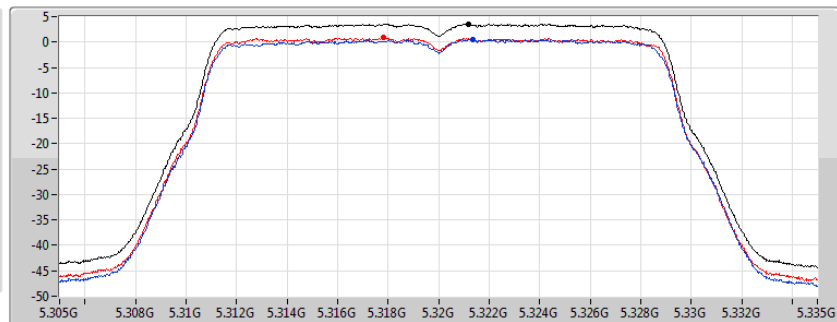
802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5320MHz

23/02/2020

CF
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum 
Port 1 
Port 2 

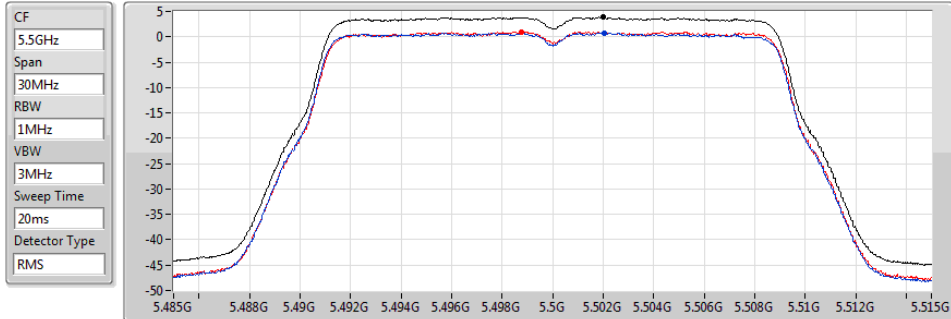
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.56	3.56	0.50	0.86

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5500MHz

23/02/2020



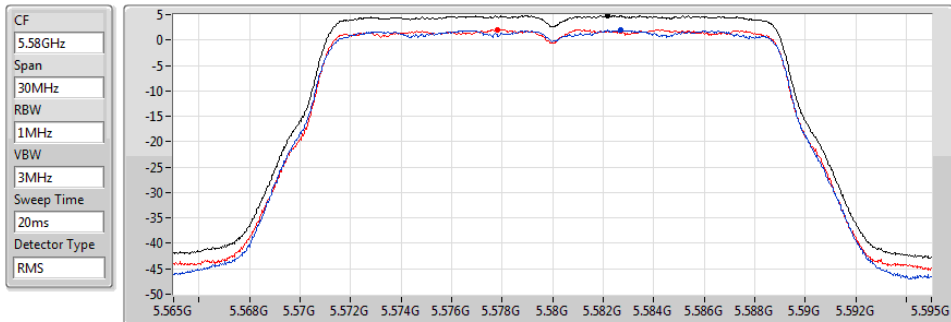
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.84	3.84	0.80	1.00

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5580MHz

23/02/2020



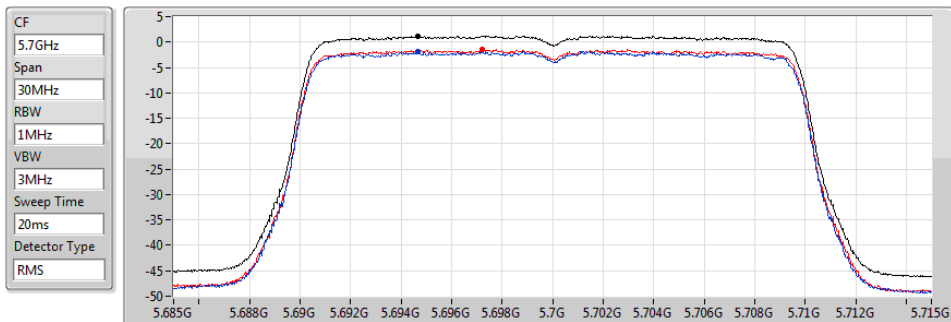
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.85	4.85	1.95	2.09

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5700MHz

23/02/2020



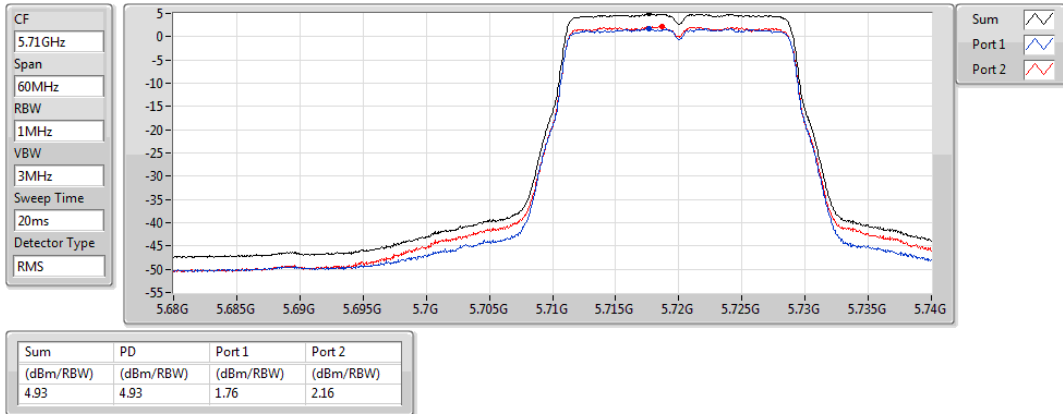
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.23	1.23	-1.88	-1.51

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz

PSD

23/02/2020

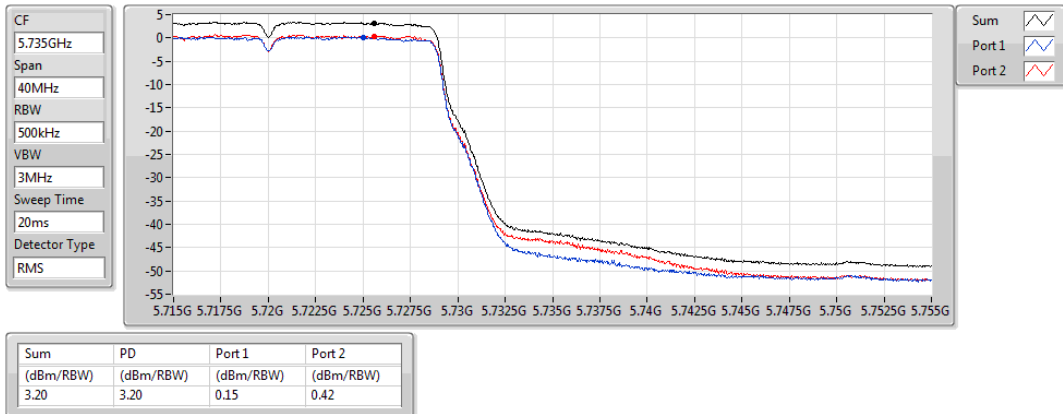


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

23/02/2020

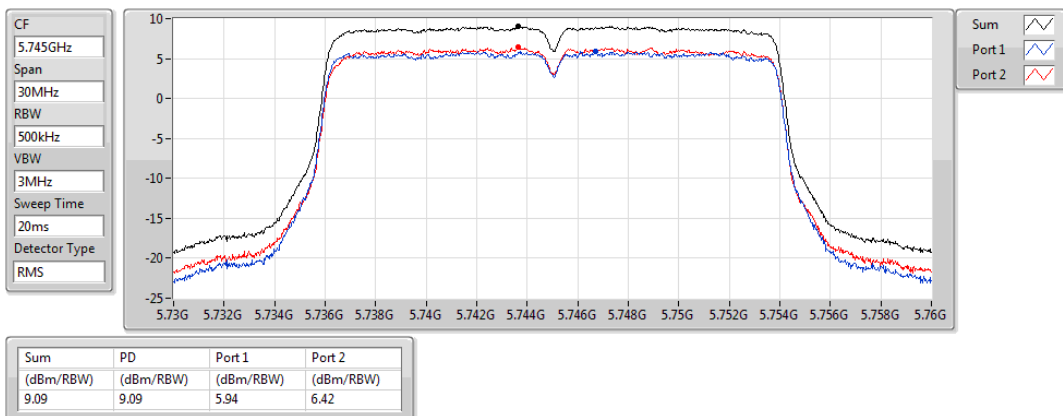


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5745MHz

PSD

23/02/2020

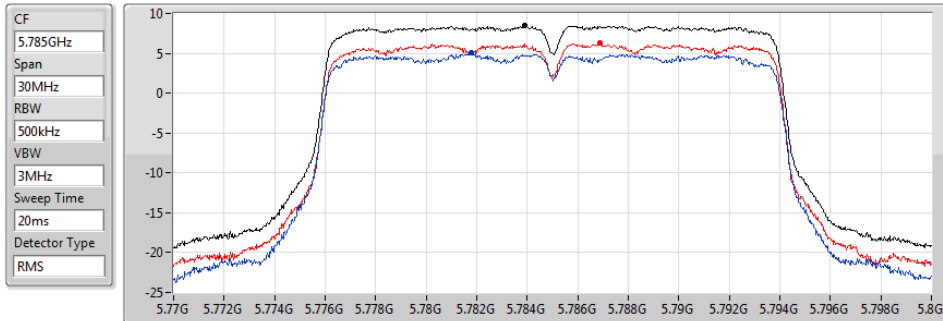


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

23/02/2020



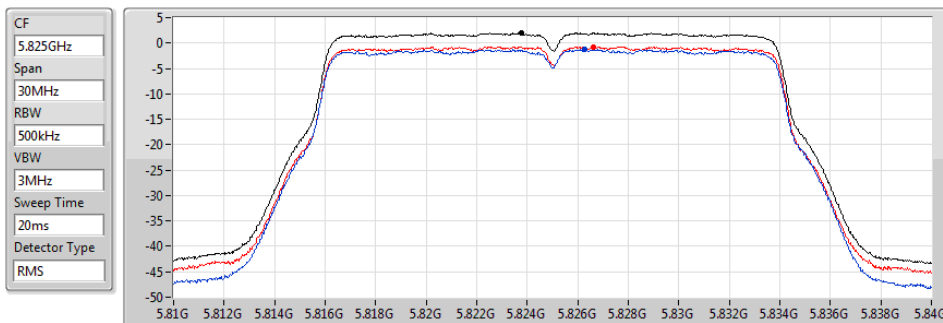
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.49	8.49	5.04	6.25

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

23/02/2020



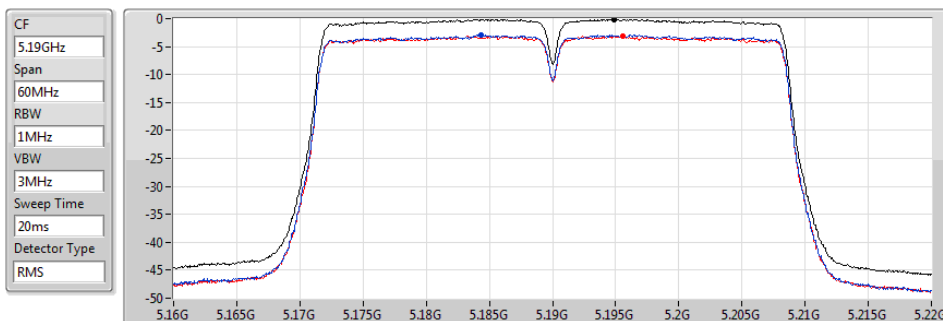
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.95	1.95	-1.30	-0.70

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

23/02/2020



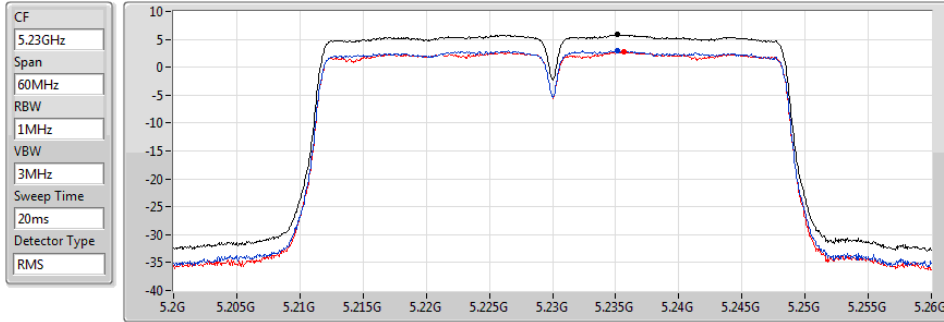
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.13	-0.13	-2.87	-3.11

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

23/02/2020



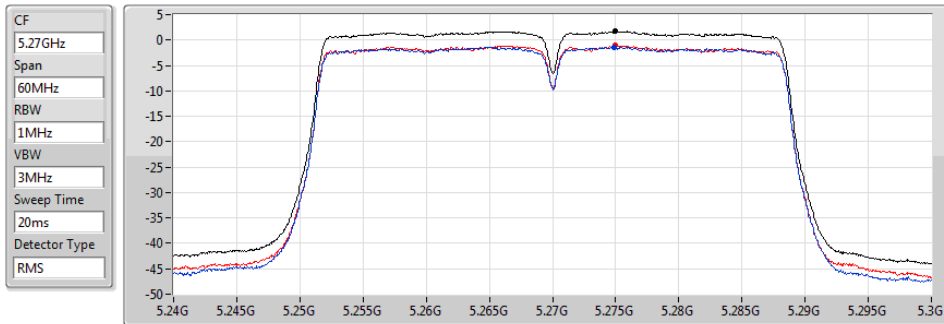
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.82	5.82	2.90	2.76

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5270MHz

23/02/2020



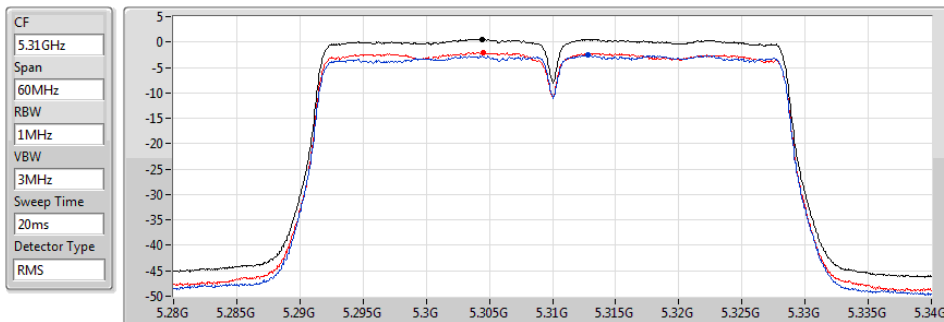
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.68	1.68	-1.45	-1.11

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5310MHz

23/02/2020



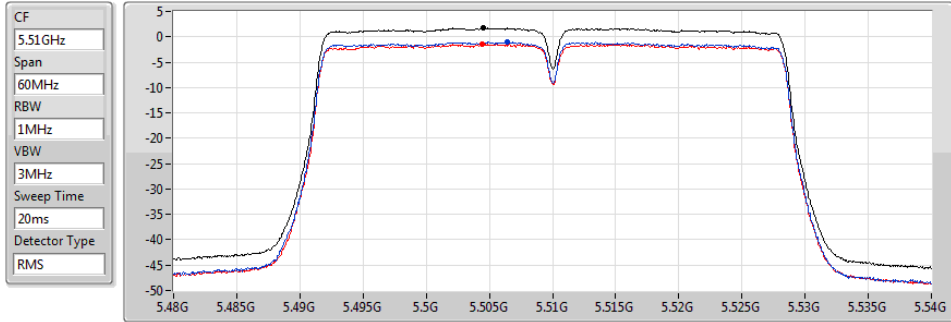
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.55	0.55	-2.61	-2.07

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5510MHz

23/02/2020



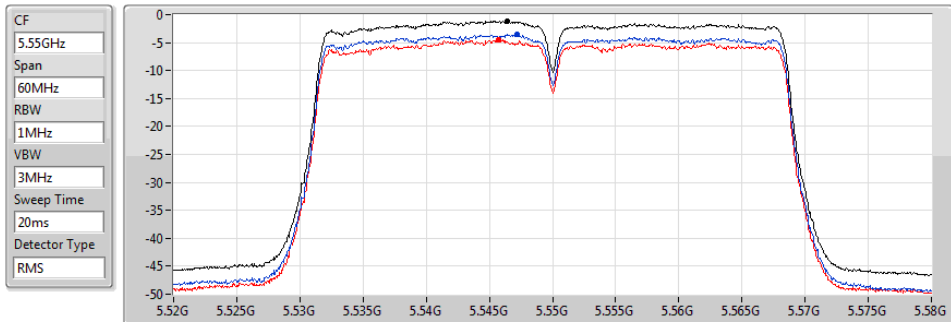
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.72	1.72	-0.95	-1.48

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5550MHz

23/02/2020



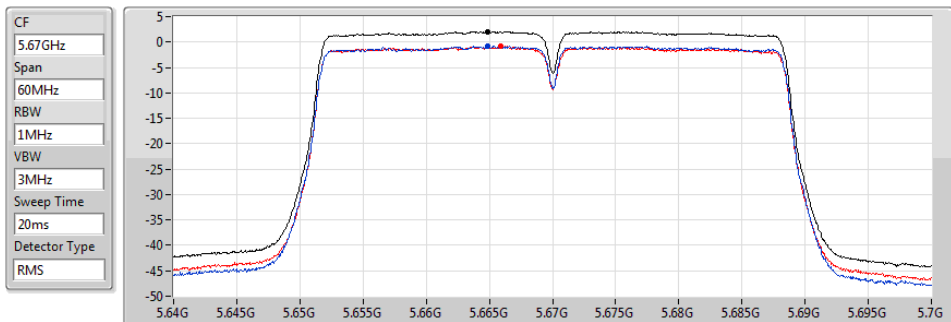
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.18	-1.18	-3.60	-4.52

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5670MHz

23/02/2020



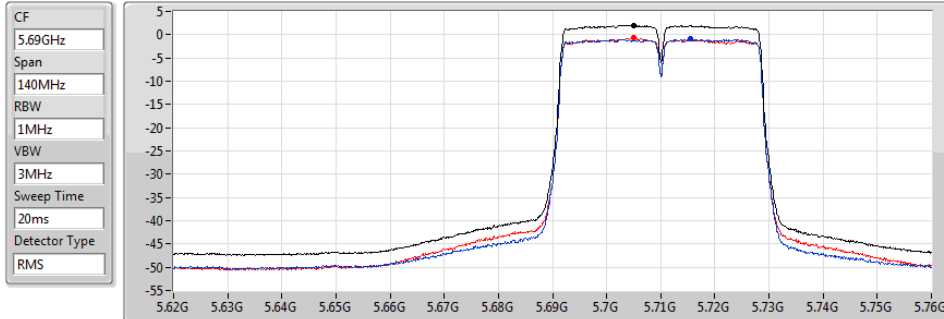
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.07	2.07	-0.74	-0.86

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

23/02/2020



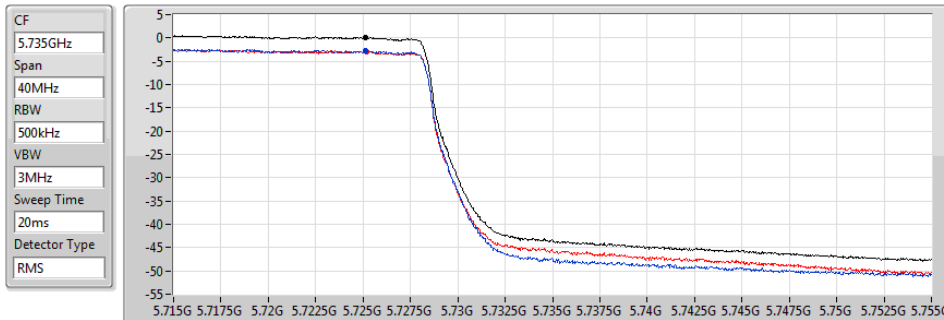
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.03	2.03	-0.96	-0.72

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

23/02/2020



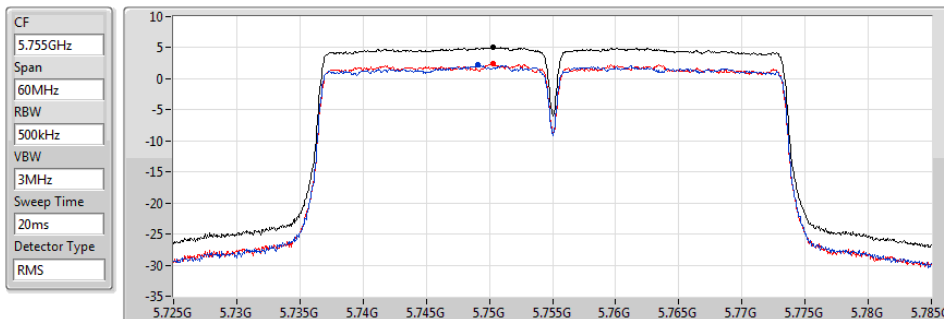
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.19	0.19	-2.71	-2.90

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

23/02/2020



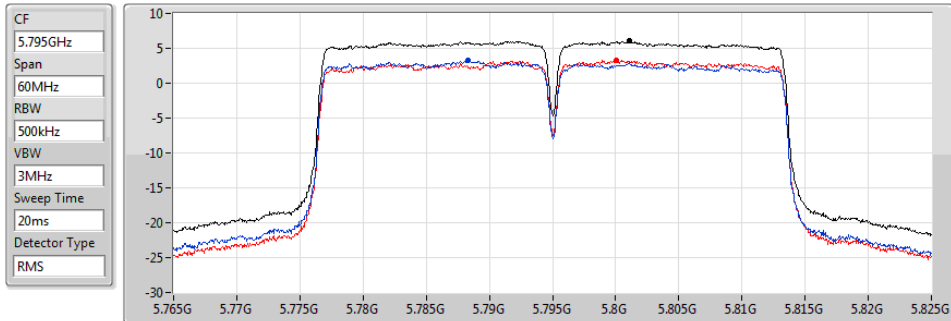
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.11	5.11	2.24	2.41

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

23/02/2020



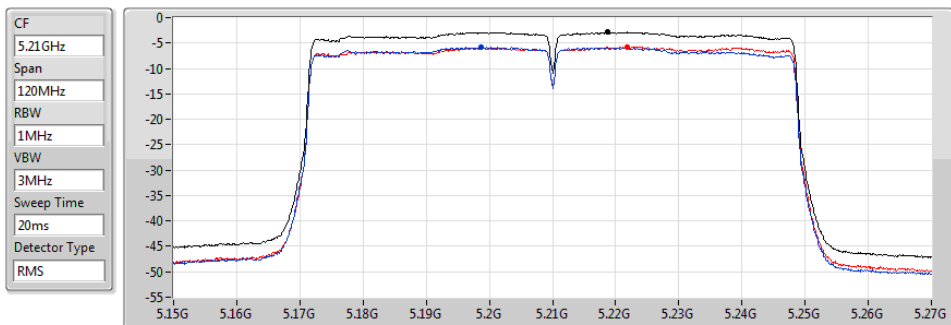
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.02	6.02	3.26	3.33

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

23/02/2020



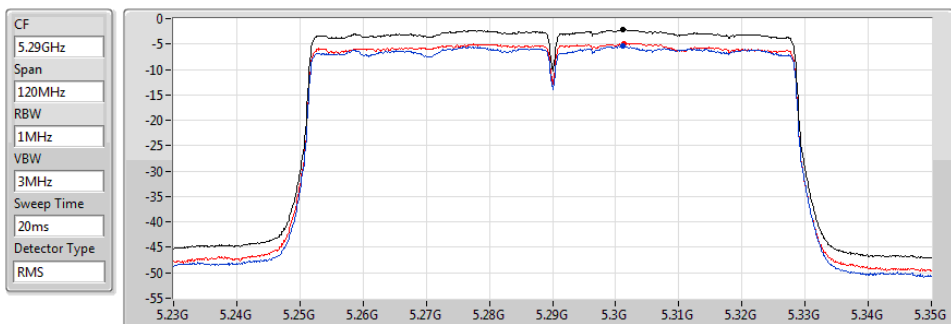
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.85	-2.85	-5.84	-5.71

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5290MHz

23/02/2020



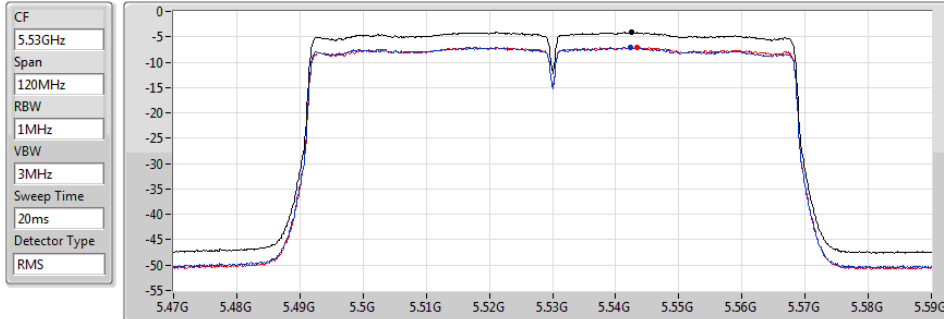
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.17	-2.17	-5.41	-4.89

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5530MHz

23/02/2020



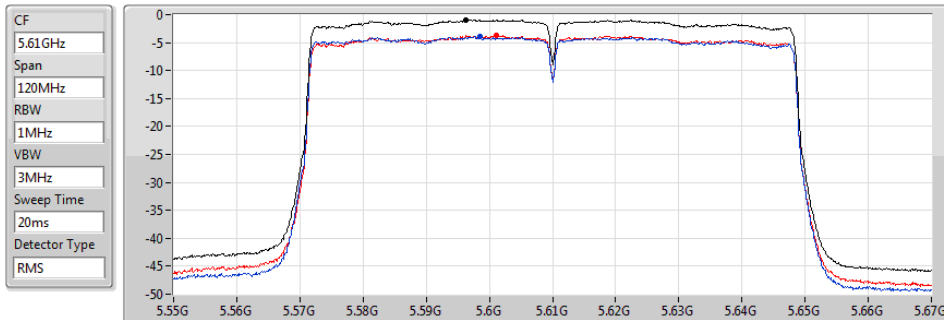
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-4.04	-4.04	-6.99	-6.99

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5610MHz

23/02/2020



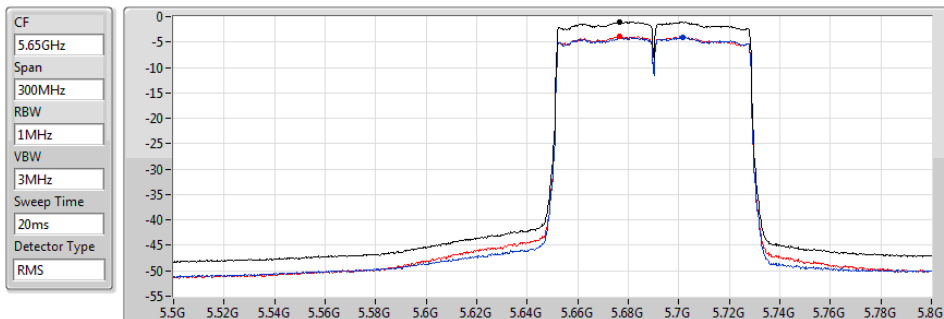
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-0.93	-0.93	-3.94	-3.75

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

23/02/2020



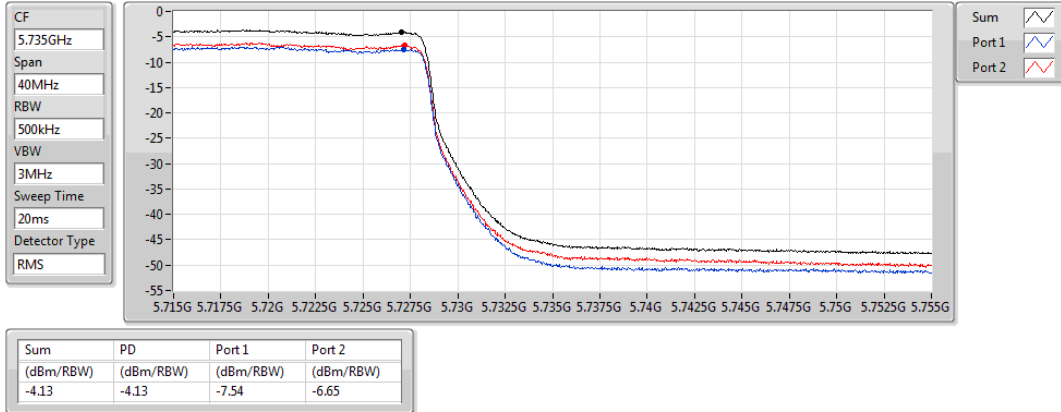
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-1.06	-1.06	-4.06	-3.86

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

23/02/2020

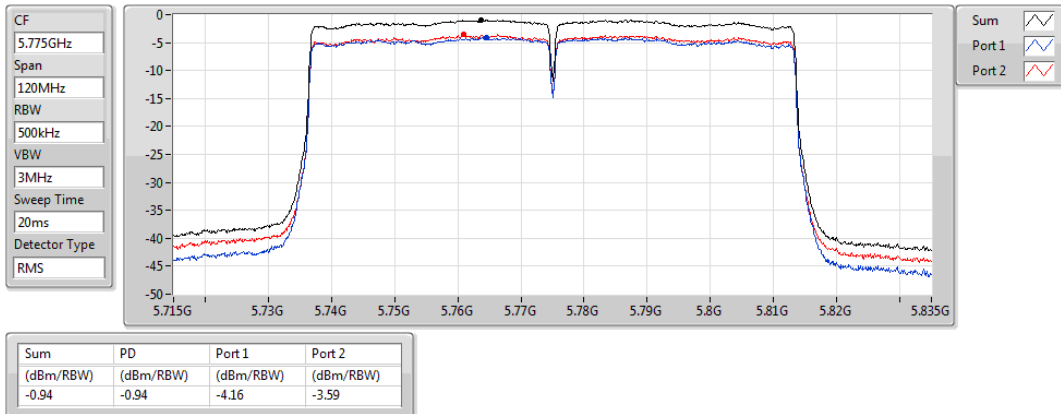


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

23/02/2020

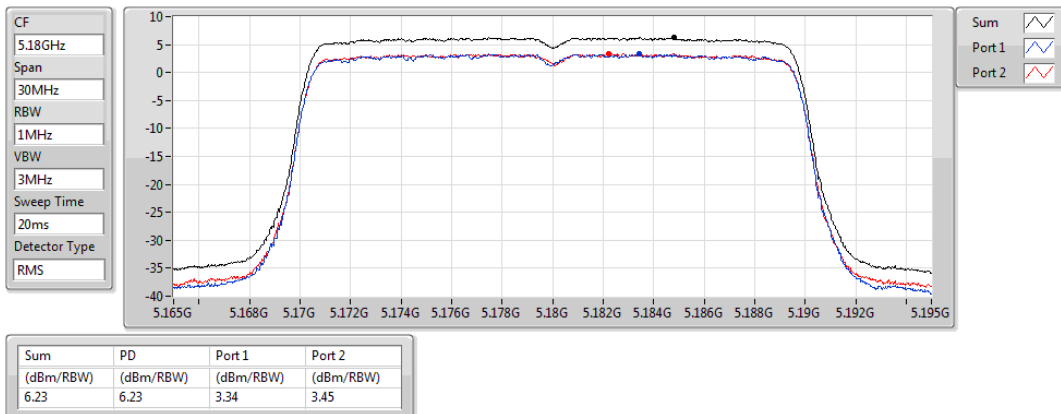


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

23/02/2020

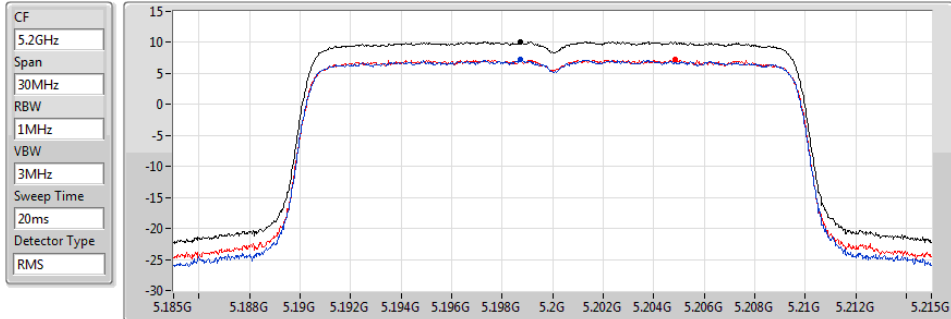


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

23/02/2020



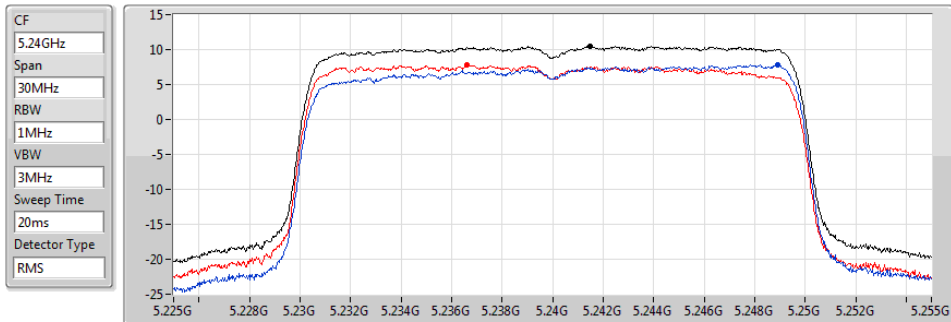
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.12	10.12	7.21	7.18

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

23/02/2020



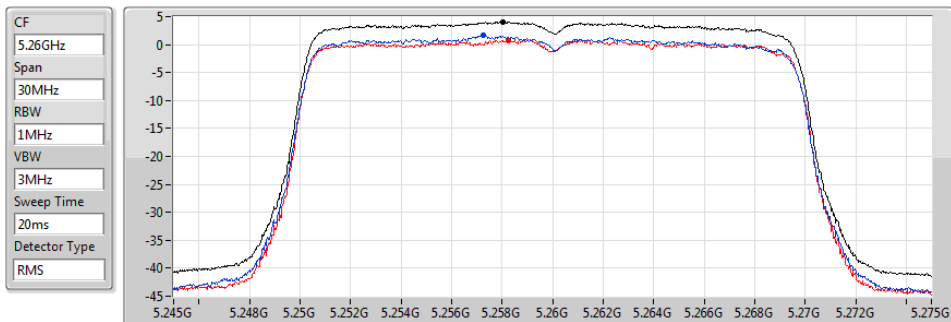
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.43	10.43	7.83	7.77

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5260MHz

23/02/2020



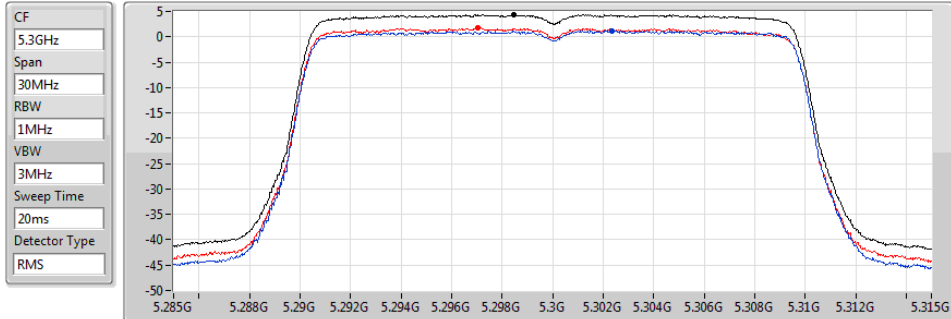
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.08	4.08	1.70	0.74

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5300MHz

23/02/2020



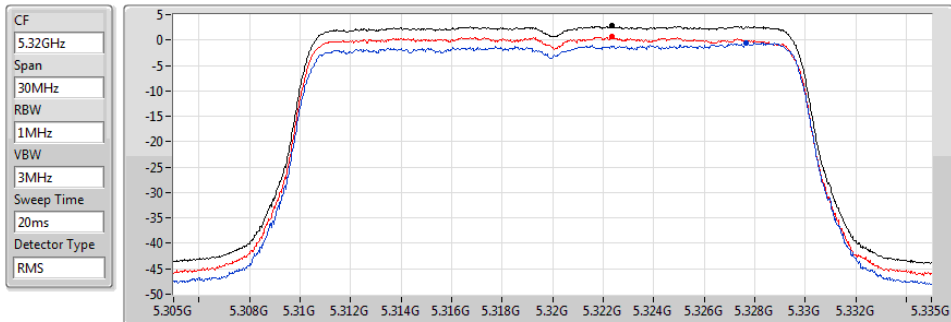
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.33	4.33	1.22	1.79

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5320MHz

23/02/2020



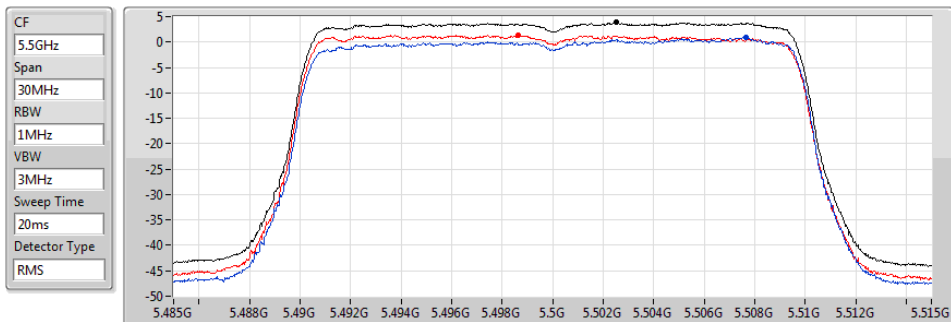
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.81	2.81	-0.48	0.69

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5500MHz

23/02/2020



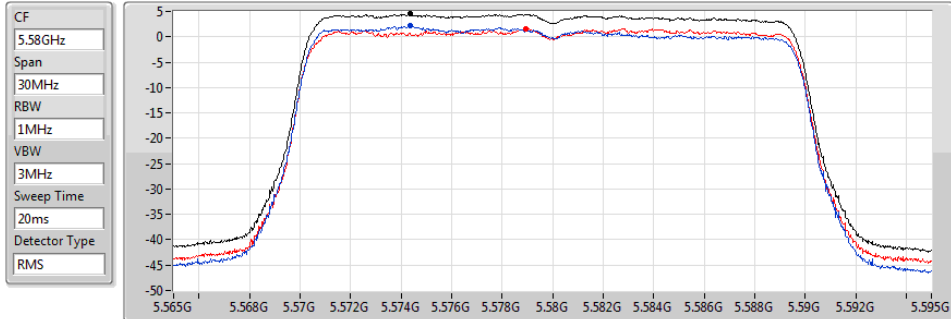
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.83	3.83	0.95	1.38

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5580MHz

23/02/2020



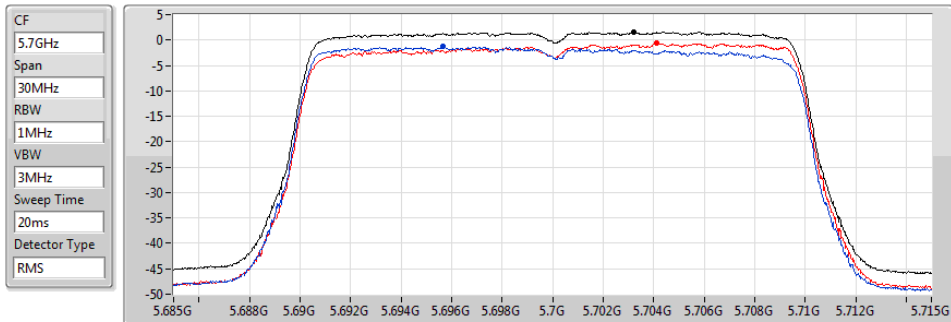
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.52	4.52	2.21	1.66

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5700MHz

23/02/2020



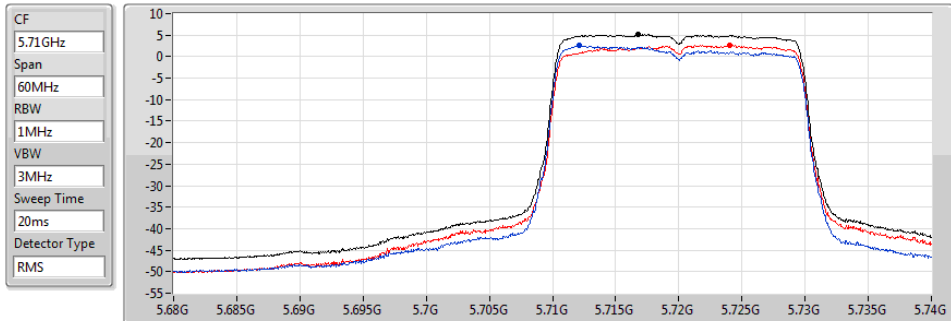
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.53	1.53	-1.33	-0.65

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

23/02/2020



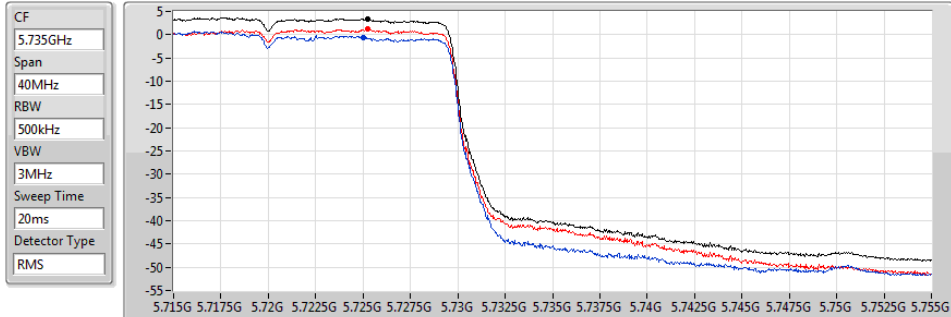
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.14	5.14	2.57	2.69

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

23/02/2020



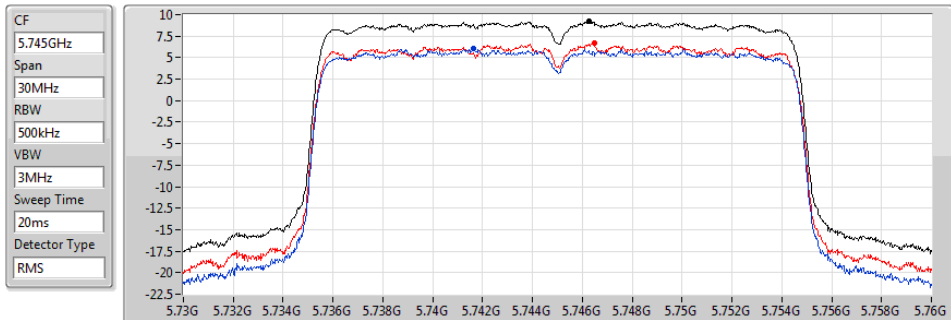
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.31	3.31	-0.53	1.14

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

23/02/2020



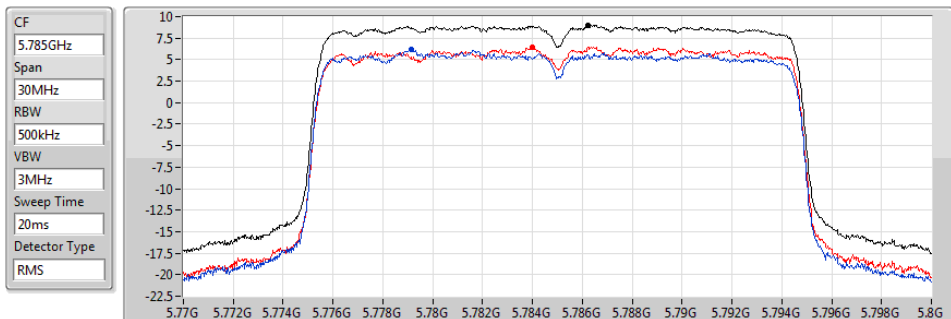
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.21	9.21	6.05	6.66

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

23/02/2020



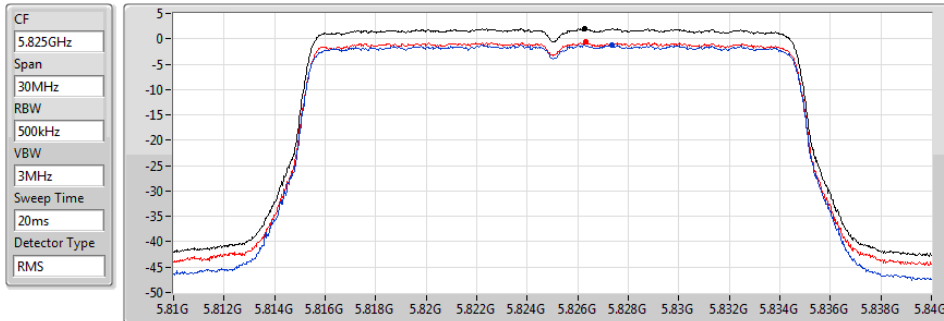
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.04	9.04	6.13	6.50

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

23/02/2020



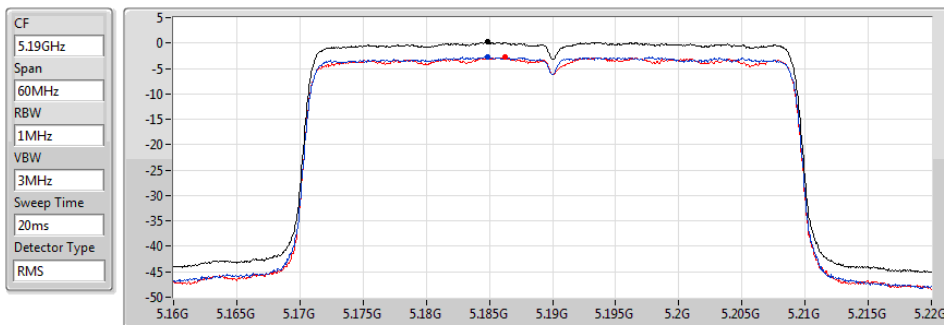
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.04	2.04	-1.17	-0.68

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

23/02/2020



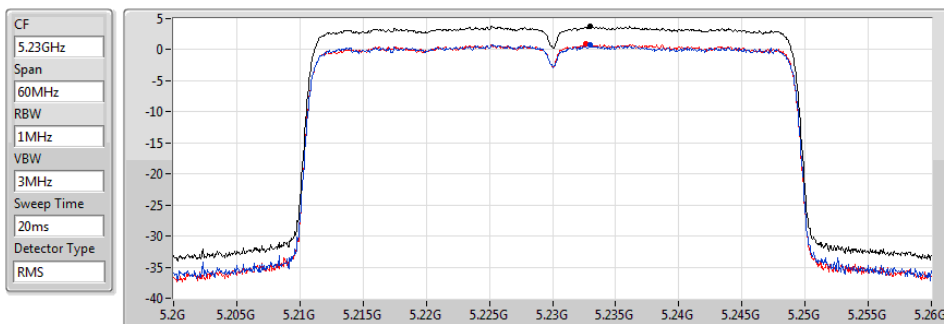
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.25	0.25	-2.63	-2.83

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

23/02/2020



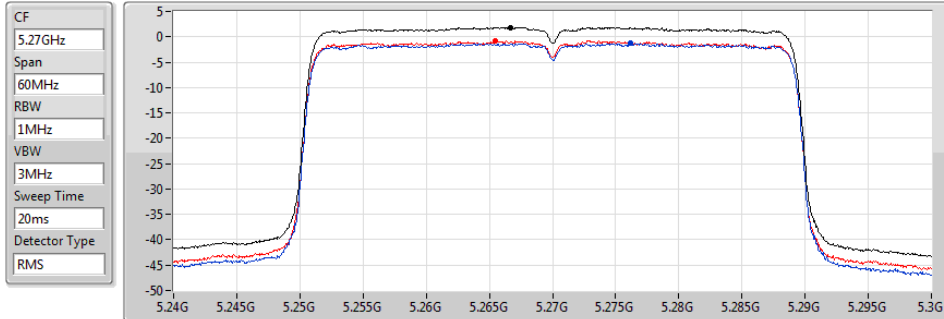
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.76	3.76	0.76	0.89

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5270MHz

23/02/2020



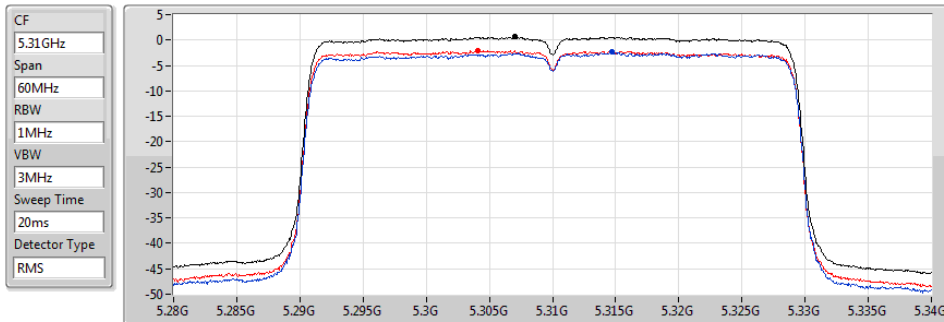
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.86	1.86	-1.27	-0.84

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5310MHz

23/02/2020



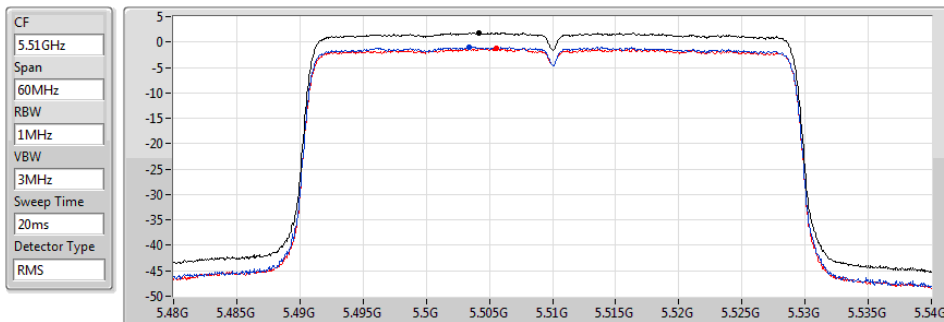
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.60	0.60	-2.41	-1.99

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5510MHz

23/02/2020



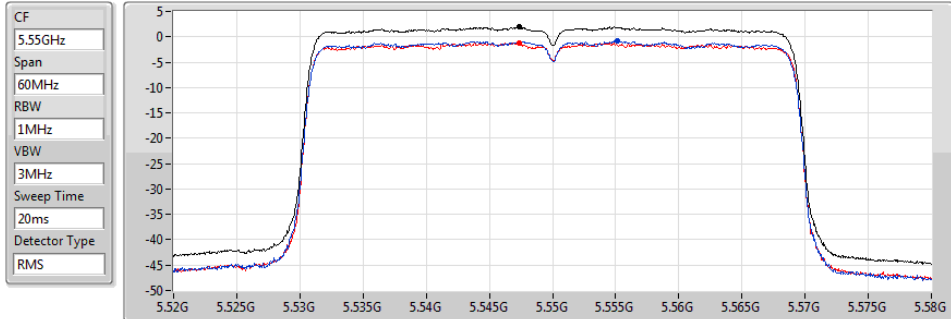
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.82	1.82	-1.04	-1.24

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5550MHz

23/02/2020



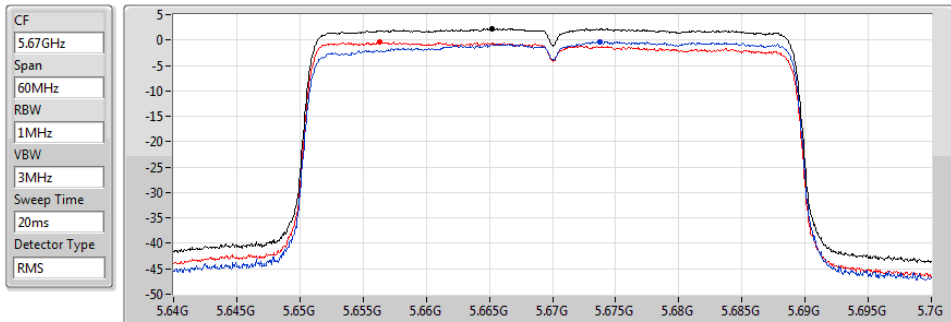
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.93	1.93	-0.87	-1.21

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5670MHz

23/02/2020



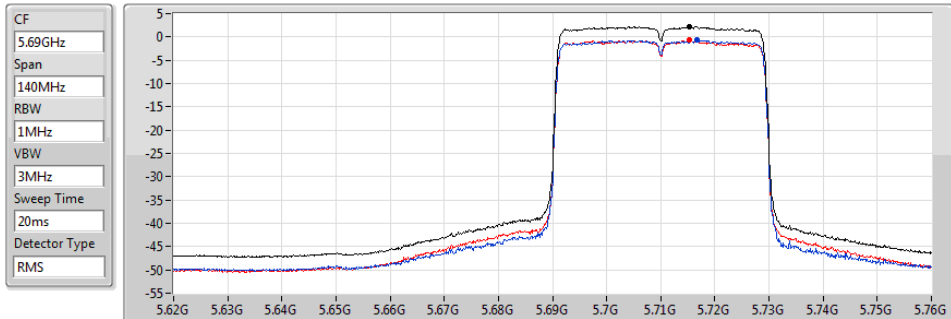
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.28	2.28	-0.35	-0.39

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

23/02/2020



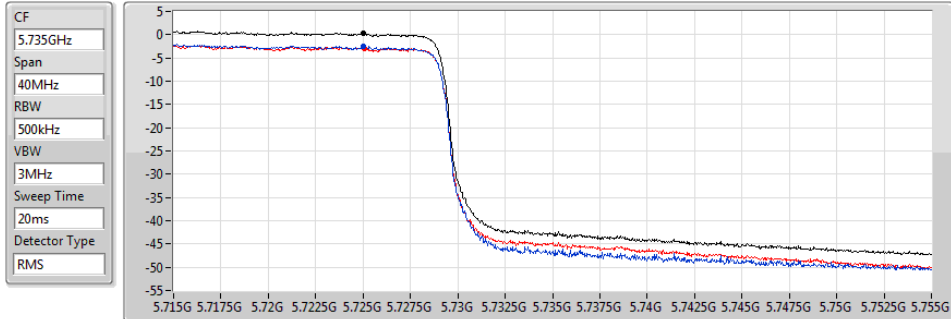
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.22	2.22	-0.68	-0.57

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

23/02/2020



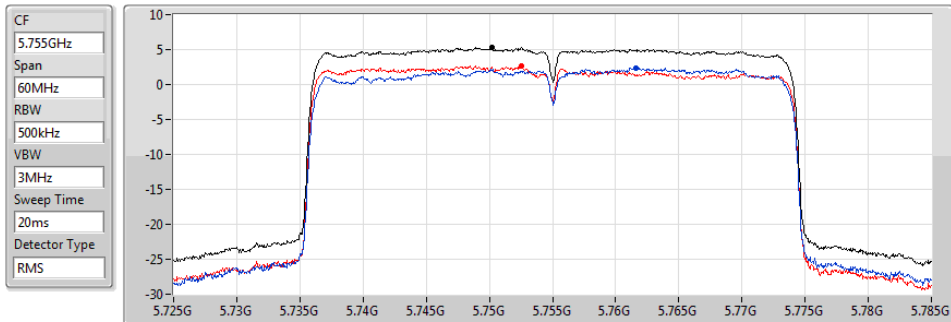
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.23	0.23	-2.52	-2.95

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

23/02/2020



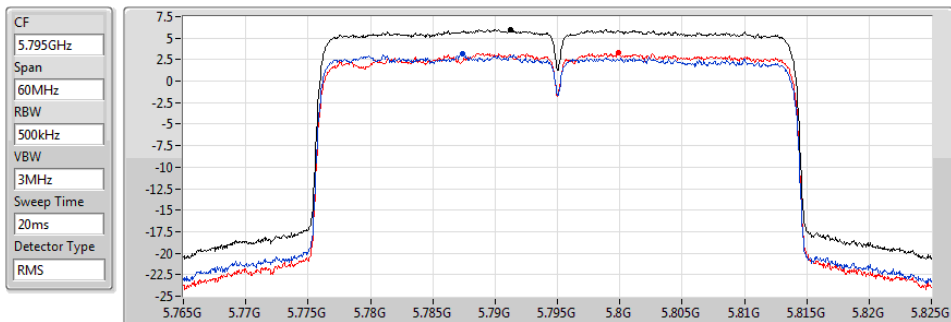
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.28	5.28	2.41	2.66

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

23/02/2020



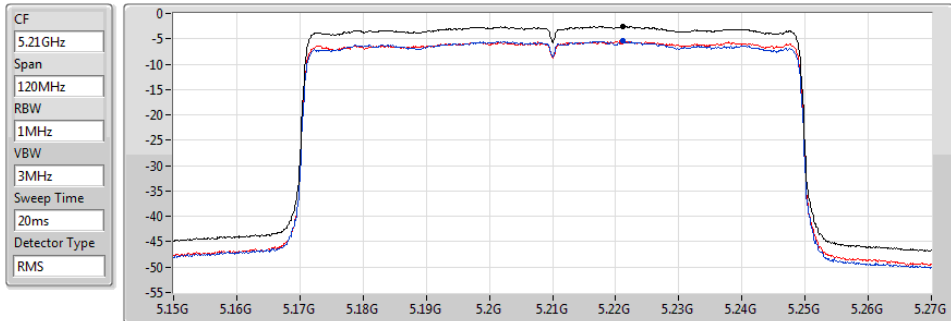
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.00	6.00	3.18	3.25

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

23/02/2020



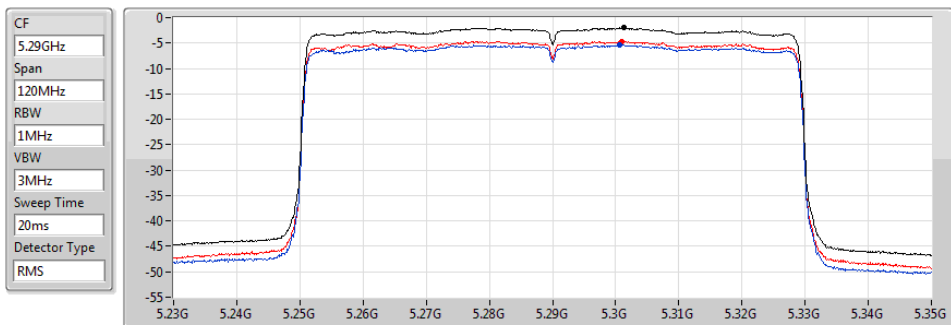
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.55	-2.55	-5.47	-5.50

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5290MHz

23/02/2020



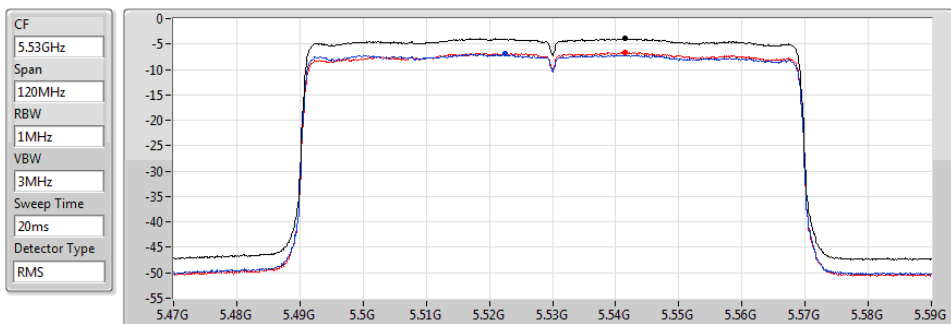
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.01	-2.01	-5.41	-4.62

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5530MHz

23/02/2020



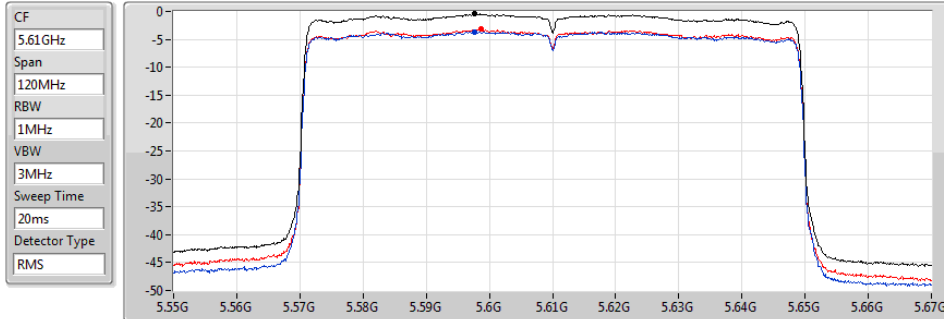
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.88	-3.88	-6.98	-6.61

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5610MHz

23/02/2020



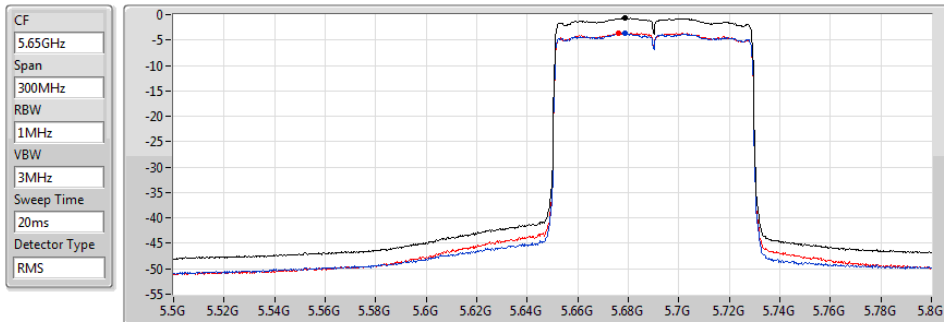
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.45	-0.45	-3.63	-3.20

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

23/02/2020



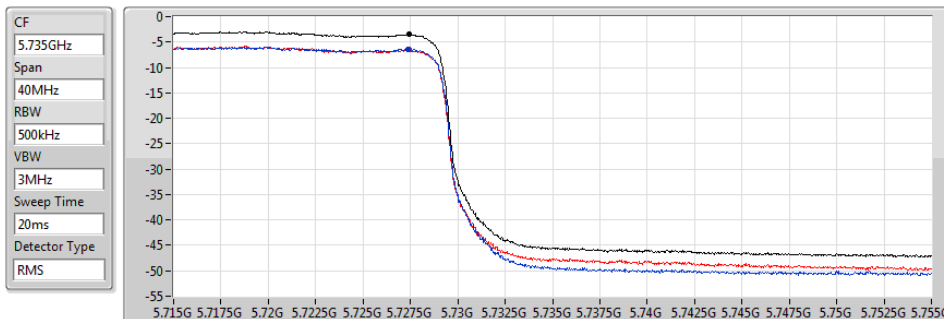
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.67	-0.67	-3.68	-3.61

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

23/02/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.49	-3.49	-6.40	-6.50

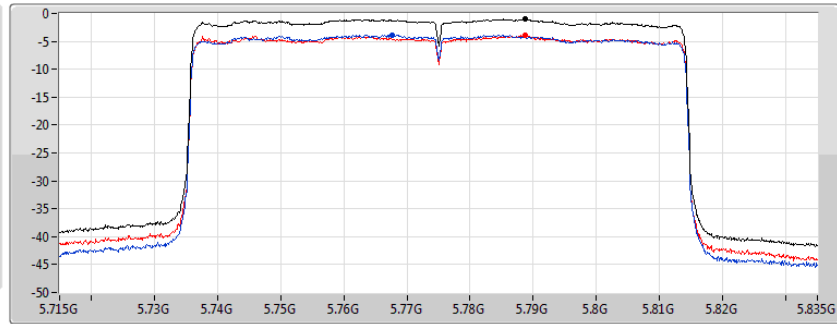
802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

23/02/2020

CF
5.775GHz
Span
120MHz
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)
-0.94	-0.94	-3.91	-3.90

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	9.06	22.77
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	5.89	19.60
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-2.43	11.28
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	9.15	22.86
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	5.97	19.68
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-2.09	11.62
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	2.97	16.68
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	0.24	13.95
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-2.72	10.99
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	3.01	16.72
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.39	14.10
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-2.34	11.37
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	2.83	16.54
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	0.53	14.24
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-2.85	10.86
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	2.81	16.52
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.46	14.17
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-2.57	11.14
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	7.67	21.38
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	4.55	18.26
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-0.47	13.24
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	7.59	21.30
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	4.63	18.34
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-0.06	13.65

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)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	13.71	3.95	4.12	6.94	9.29	20.65	23.00
5200MHz	Pass	13.71	5.16	6.17	8.70	9.29	22.41	23.00
5240MHz	Pass	13.71	6.13	6.21	9.06	9.29	22.77	23.00
5260MHz	Pass	13.71	-0.22	0.31	2.93	3.29	16.64	17.00
5300MHz	Pass	13.71	-0.24	0.03	2.77	3.29	16.48	17.00
5320MHz	Pass	13.71	-0.11	0.15	2.97	3.29	16.68	17.00
5500MHz	Pass	13.71	-0.14	-0.45	2.63	3.29	16.34	17.00
5580MHz	Pass	13.71	0.23	-0.09	2.83	3.29	16.54	17.00
5700MHz	Pass	13.71	-0.52	-0.13	2.39	3.29	16.10	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	13.71	-1.12	-0.44	2.14	3.29	15.85	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	13.71	-2.50	-2.18	0.46	22.29	14.17	36.00
5745MHz	Pass	13.71	4.88	4.65	7.67	22.29	21.38	36.00
5785MHz	Pass	13.71	-6.10	-5.68	-3.08	22.29	10.63	36.00
5825MHz	Pass	13.71	-3.00	-3.21	-0.28	22.29	13.43	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	13.71	-0.97	-0.98	1.94	9.29	15.65	23.00
5230MHz	Pass	13.71	2.94	3.02	5.89	9.29	19.60	23.00
5270MHz	Pass	13.71	-3.06	-2.66	0.01	3.29	13.72	17.00
5310MHz	Pass	13.71	-2.79	-2.45	0.24	3.29	13.95	17.00
5510MHz	Pass	13.71	-2.85	-2.32	0.28	3.29	13.99	17.00
5550MHz	Pass	13.71	-2.74	-2.44	0.32	3.29	14.03	17.00
5670MHz	Pass	13.71	-2.65	-2.13	0.53	3.29	14.24	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	13.71	-3.26	-2.98	-0.21	3.29	13.50	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	13.71	-5.76	-5.24	-2.71	22.29	11.00	36.00
5755MHz	Pass	13.71	1.78	1.40	4.55	22.29	18.26	36.00
5795MHz	Pass	13.71	-1.50	-2.28	0.91	22.29	14.62	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	13.71	-5.69	-5.06	-2.43	9.29	11.28	23.00
5290MHz	Pass	13.71	-5.81	-5.59	-2.72	3.29	10.99	17.00
5530MHz	Pass	13.71	-6.24	-5.61	-2.96	3.29	10.75	17.00
5610MHz	Pass	13.71	-6.04	-5.66	-2.85	3.29	10.86	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	13.71	-6.35	-5.79	-3.08	3.29	10.63	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	13.71	-9.17	-8.97	-6.14	22.29	7.57	36.00
5775MHz	Pass	13.71	-3.29	-3.29	-0.47	22.29	13.24	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	13.71	4.02	4.16	6.89	9.29	20.60	23.00
5200MHz	Pass	13.71	6.18	6.33	9.05	9.29	22.76	23.00
5240MHz	Pass	13.71	6.36	6.36	9.15	9.29	22.86	23.00
5260MHz	Pass	13.71	-0.22	0.43	3.01	3.29	16.72	17.00
5300MHz	Pass	13.71	-0.10	0.15	2.78	3.29	16.49	17.00
5320MHz	Pass	13.71	0.03	-0.10	2.85	3.29	16.56	17.00
5500MHz	Pass	13.71	-0.03	-0.10	2.80	3.29	16.51	17.00
5580MHz	Pass	13.71	0.06	-0.14	2.81	3.29	16.52	17.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5700MHz	Pass	13.71	-0.69	-0.22	2.39	3.29	16.10	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	13.71	-0.94	-0.33	2.12	3.29	15.83	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	13.71	-2.60	-2.30	0.50	22.29	14.21	36.00
5745MHz	Pass	13.71	4.75	4.59	7.59	22.29	21.30	36.00
5785MHz	Pass	13.71	-0.66	-0.74	2.13	22.29	15.84	36.00
5825MHz	Pass	13.71	-3.11	-3.24	-0.25	22.29	13.46	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	13.71	-0.68	-3.07	1.11	9.29	14.82	23.00
5230MHz	Pass	13.71	3.16	3.13	5.97	9.29	19.68	23.00
5270MHz	Pass	13.71	-3.03	-2.47	0.17	3.29	13.88	17.00
5310MHz	Pass	13.71	-2.28	-2.46	0.39	3.29	14.10	17.00
5510MHz	Pass	13.71	-2.59	-2.52	0.38	3.29	14.09	17.00
5550MHz	Pass	13.71	-3.57	-2.56	-0.04	3.29	13.67	17.00
5670MHz	Pass	13.71	-2.69	-2.33	0.46	3.29	14.17	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	13.71	-3.07	-2.82	-0.09	3.29	13.62	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	13.71	-6.95	-4.86	-2.87	22.29	10.84	36.00
5755MHz	Pass	13.71	1.92	1.78	4.63	22.29	18.34	36.00
5795MHz	Pass	13.71	-1.38	-1.64	1.41	22.29	15.12	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	13.71	-5.48	-4.56	-2.09	9.29	11.62	23.00
5290MHz	Pass	13.71	-5.41	-5.17	-2.34	3.29	11.37	17.00
5530MHz	Pass	13.71	-5.87	-5.23	-2.57	3.29	11.14	17.00
5610MHz	Pass	13.71	-5.75	-5.26	-2.57	3.29	11.14	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	13.71	-6.28	-5.60	-3.05	3.29	10.66	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	13.71	-9.15	-8.53	-5.95	22.29	7.76	36.00
5775MHz	Pass	13.71	-3.14	-2.83	-0.06	22.29	13.65	36.00

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

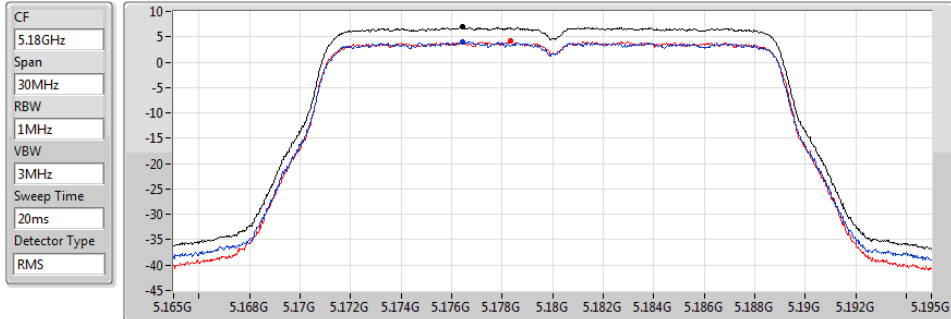
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

23/02/2020



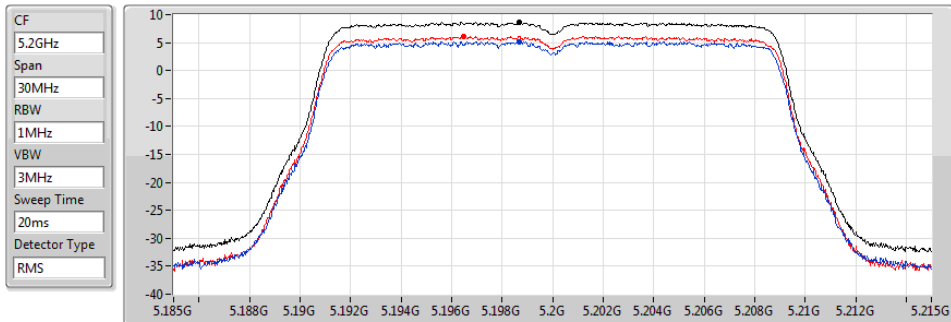
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.94	6.94	3.95	4.12

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

23/02/2020



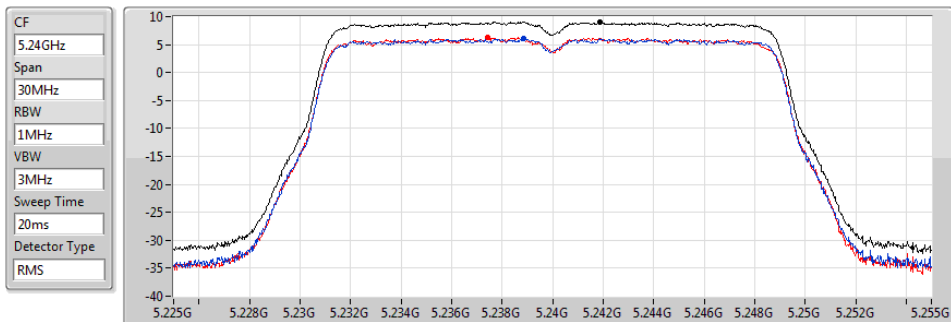
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.70	8.70	5.16	6.17

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

23/02/2020



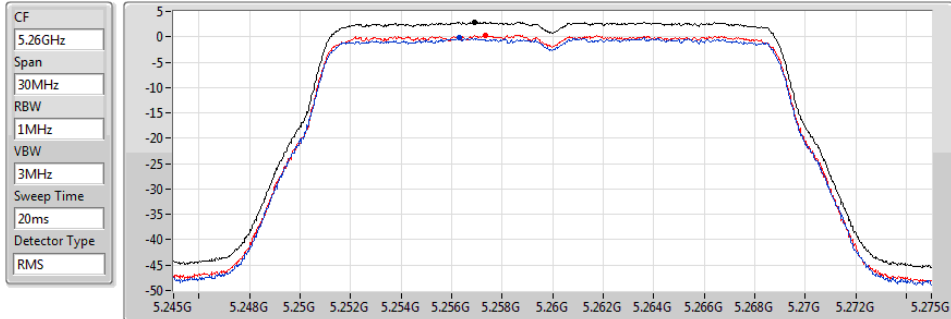
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.06	9.06	6.13	6.21

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5260MHz

23/02/2020



Sum 
Port 1 
Port 2 

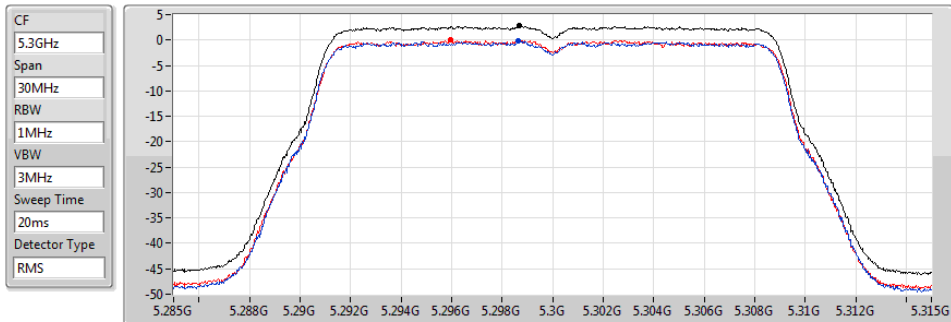
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.93	2.93	-0.22	0.31

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5300MHz

23/02/2020



Sum 
Port 1 
Port 2 

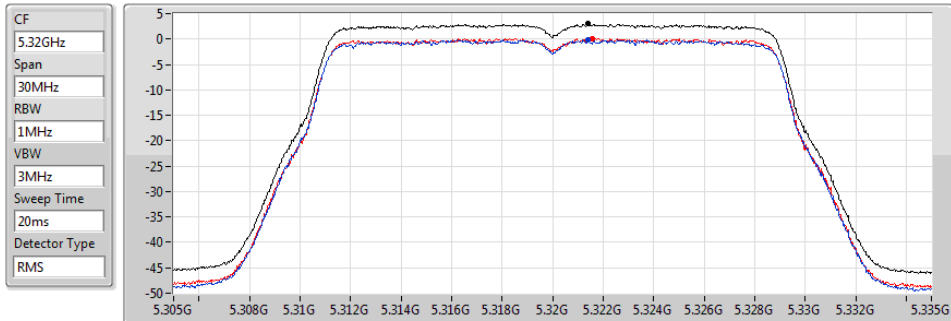
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.77	2.77	-0.24	0.03

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5320MHz

23/02/2020



Sum 
Port 1 
Port 2 

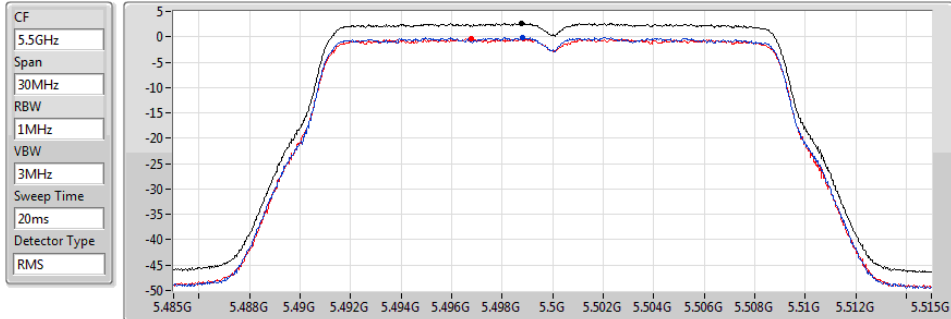
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.97	2.97	-0.11	0.15

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5500MHz

23/02/2020



Sum 
Port 1 
Port 2 

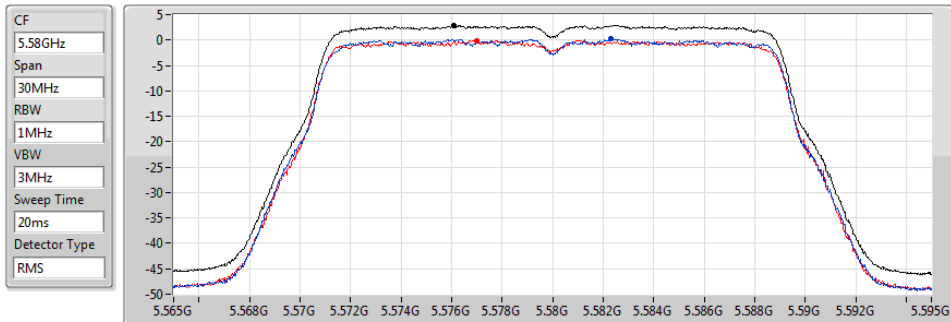
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.63	2.63	-0.14	-0.45

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5580MHz

23/02/2020



Sum 
Port 1 
Port 2 

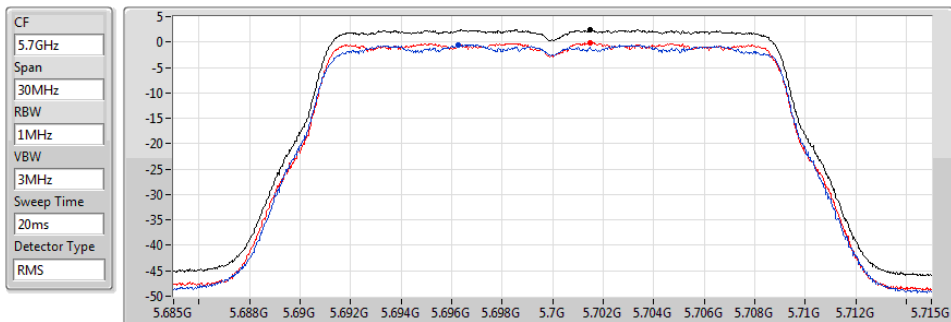
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.83	2.83	0.23	-0.09

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5700MHz

23/02/2020



Sum 
Port 1 
Port 2 

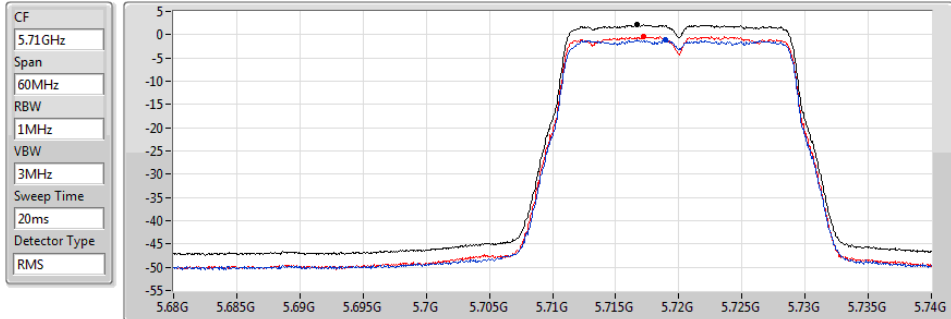
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.39	2.39	-0.52	-0.13

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

23/02/2020



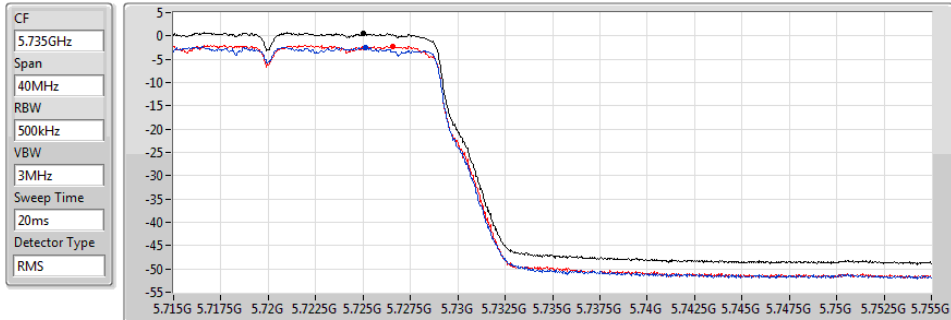
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.14	2.14	-1.12	-0.44

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

23/02/2020



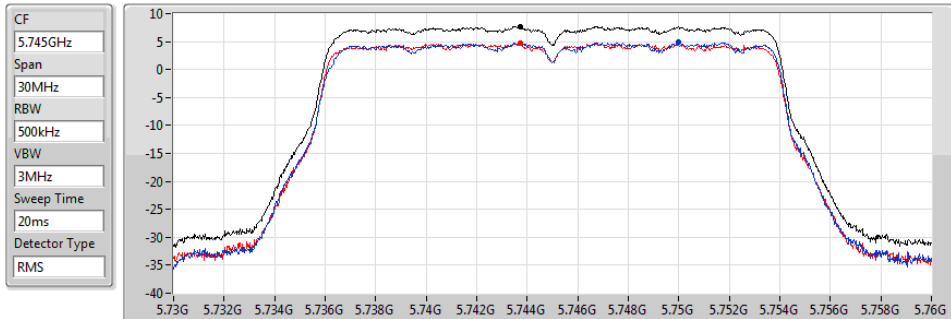
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.46	0.46	-2.50	-2.18

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

23/02/2020



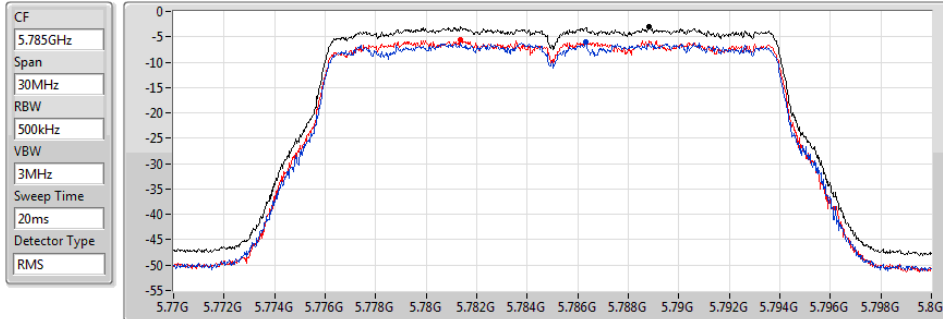
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.67	7.67	4.88	4.65

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

23/02/2020



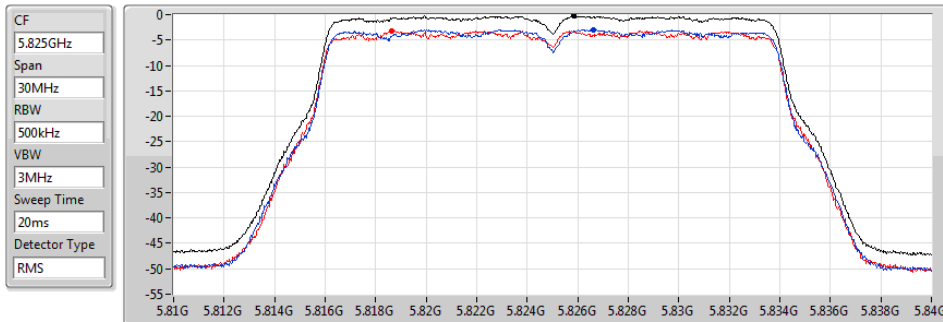
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.08	-3.08	-6.10	-5.68

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

23/02/2020



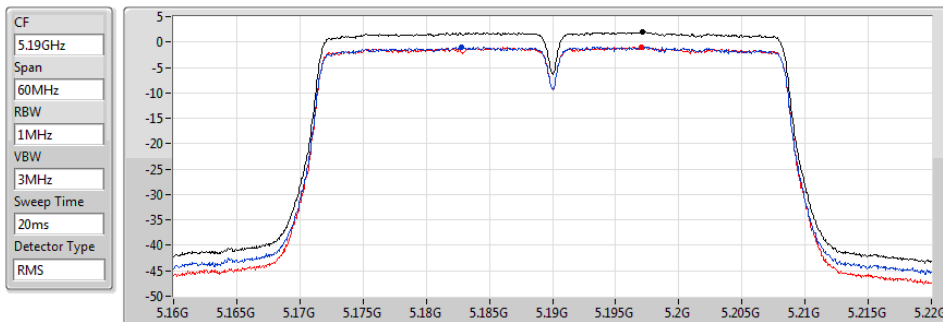
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.28	-0.28	-3.00	-3.21

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

23/02/2020



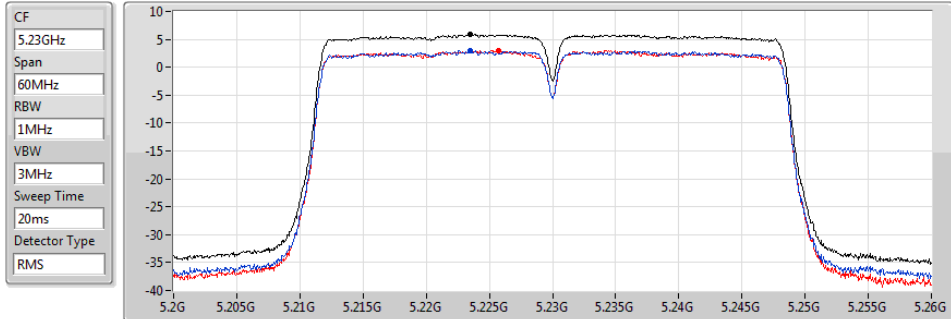
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.94	1.94	-0.97	-0.98

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

23/02/2020



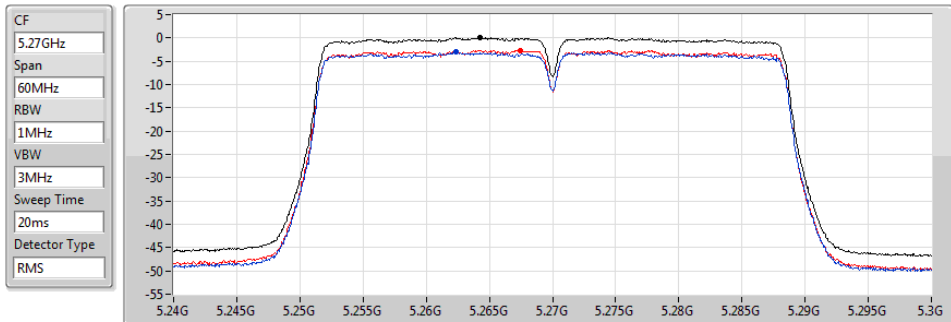
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
5.89	5.89	2.94	3.02

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5270MHz

23/02/2020



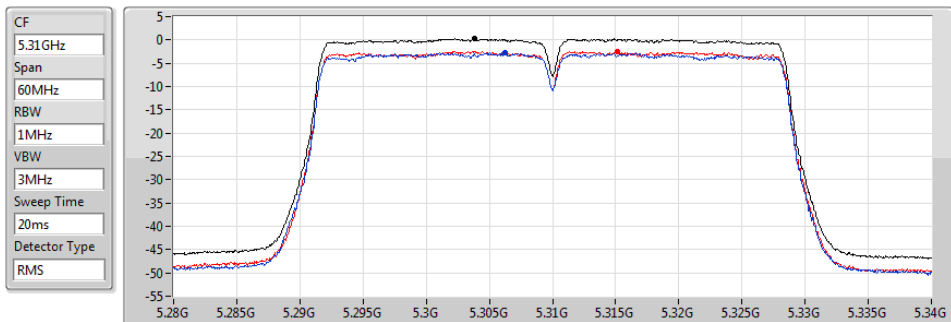
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
0.01	0.01	-3.06	-2.66

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5310MHz

23/02/2020



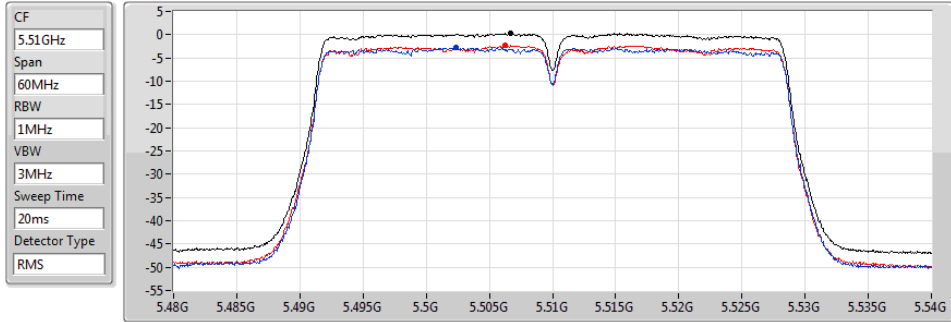
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
0.24	0.24	-2.79	-2.45

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5510MHz

23/02/2020



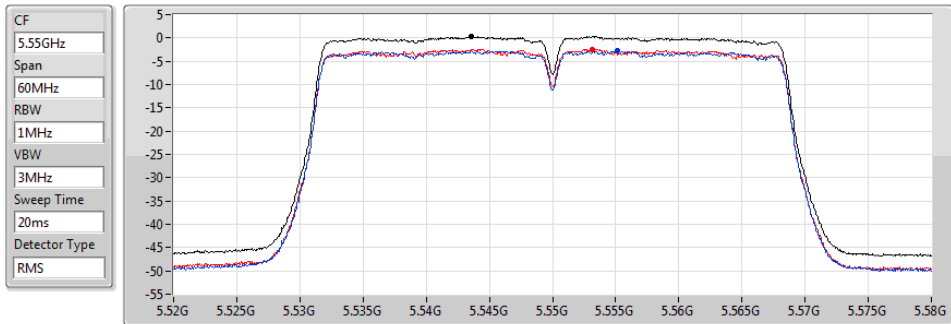
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.28	0.28	-2.85	-2.32

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5550MHz

23/02/2020



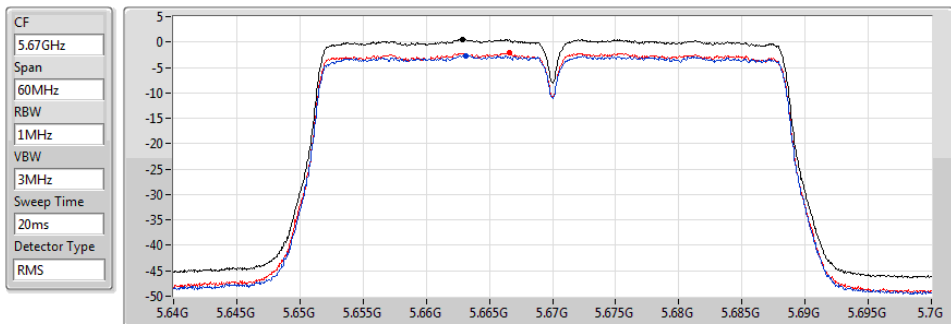
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.32	0.32	-2.74	-2.44

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5670MHz

23/02/2020



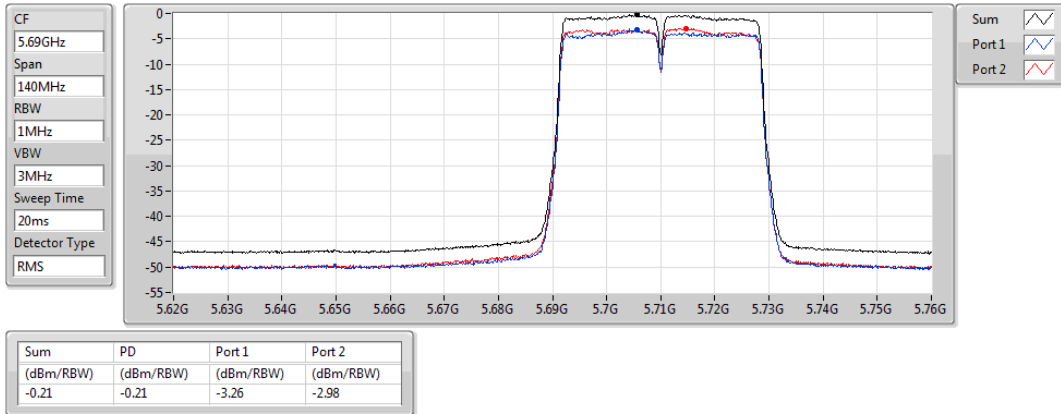
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.53	0.53	-2.65	-2.13

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

23/02/2020

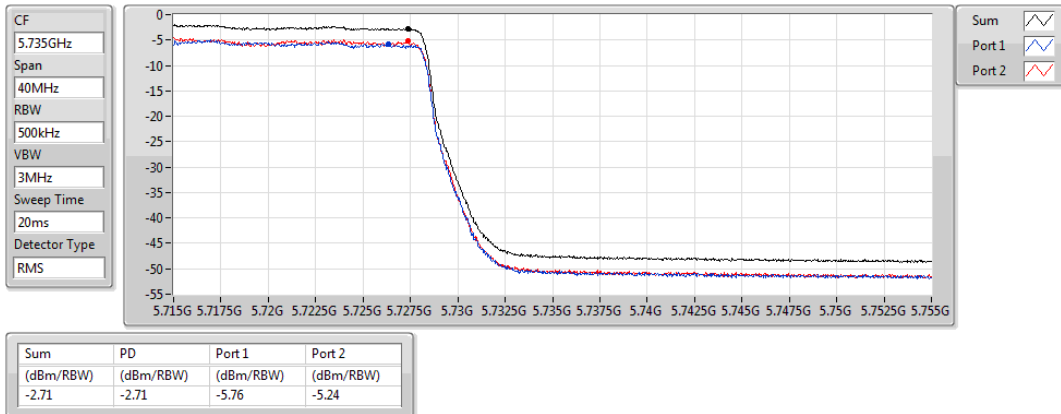


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

23/02/2020

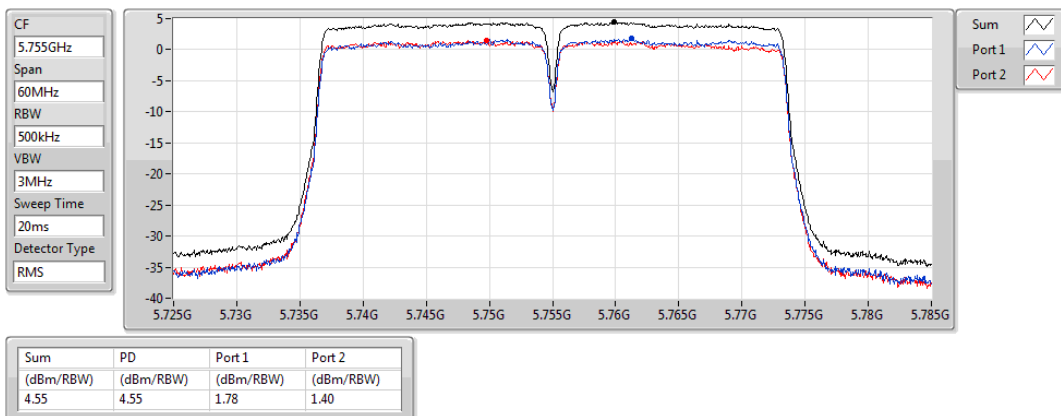


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

23/02/2020

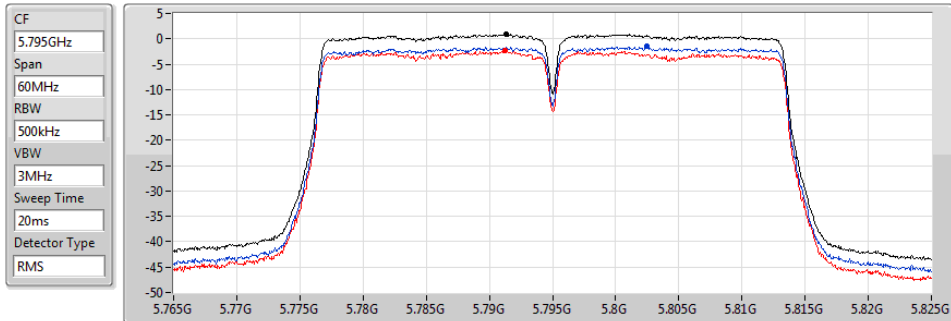


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

23/02/2020



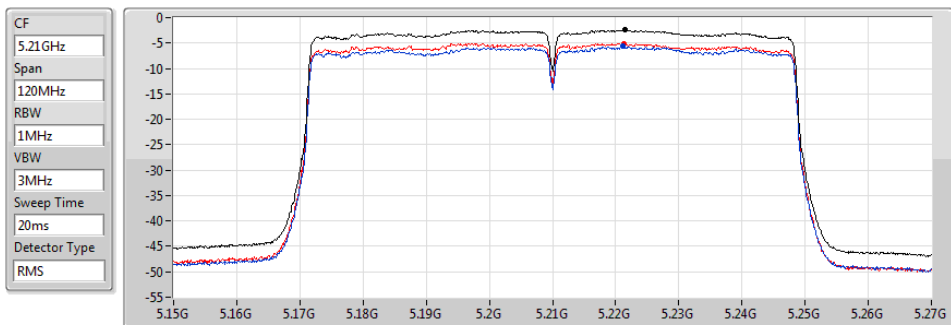
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.91	0.91	-1.50	-2.28

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

23/02/2020



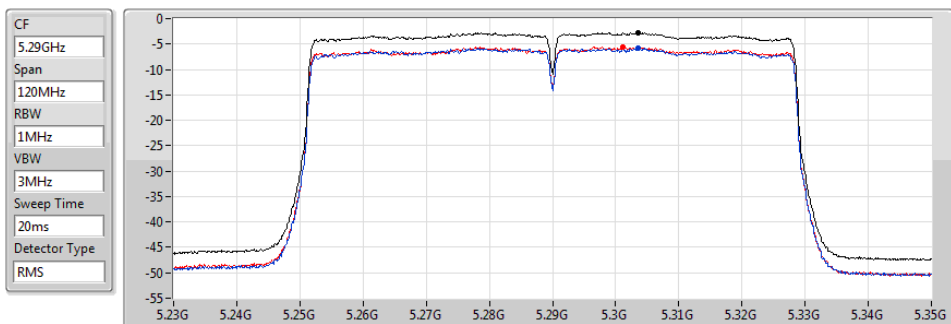
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.43	-2.43	-5.69	-5.06

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5290MHz

23/02/2020



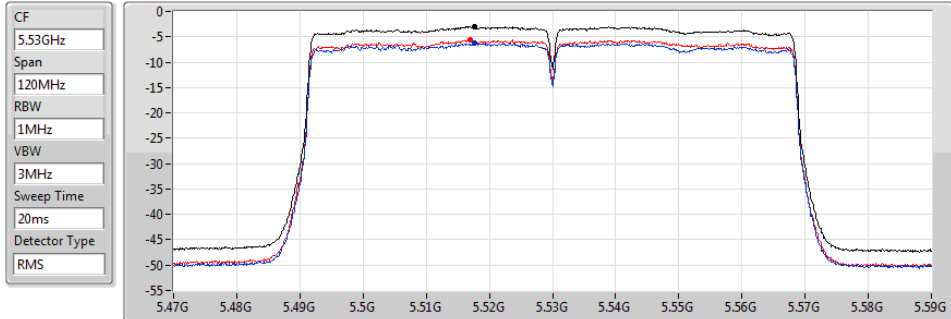
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.72	-2.72	-5.81	-5.59

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5530MHz

23/02/2020



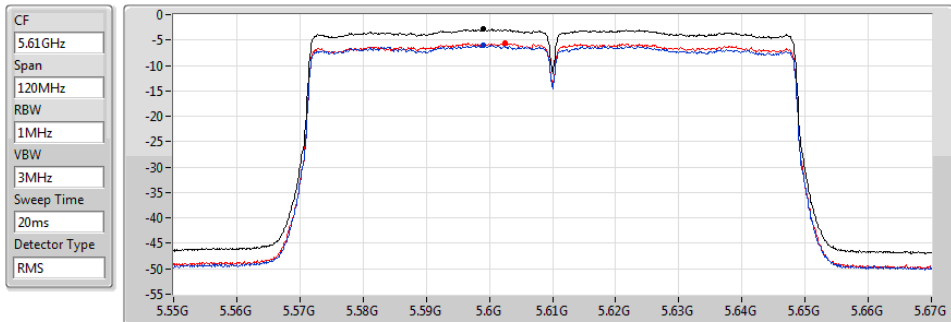
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.96	-2.96	-6.24	-5.61

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5610MHz

23/02/2020



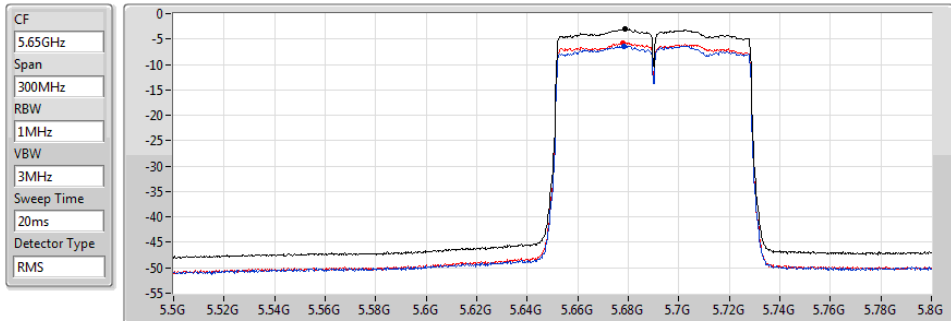
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.85	-2.85	-6.04	-5.66

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

23/02/2020



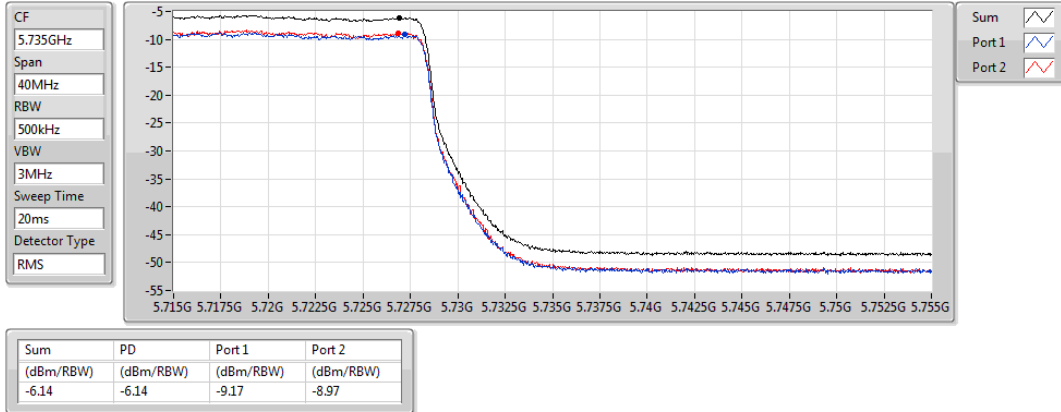
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.08	-3.08	-6.35	-5.79

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

23/02/2020

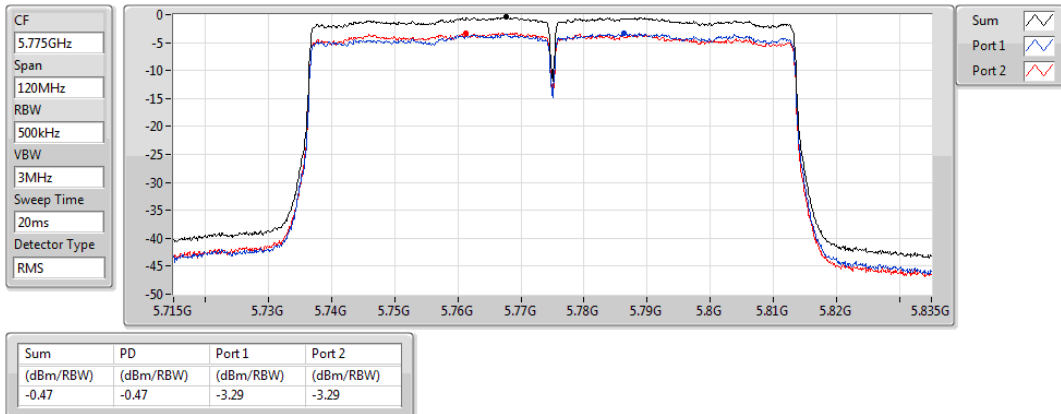


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

23/02/2020

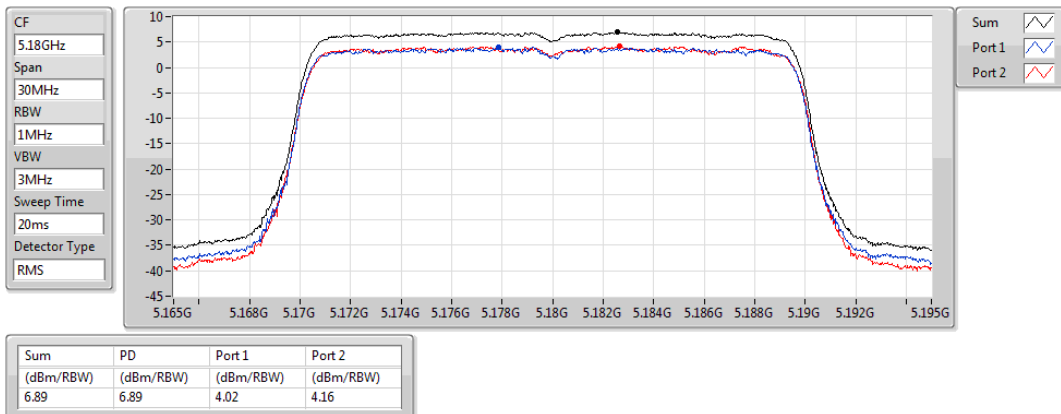


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

23/02/2020

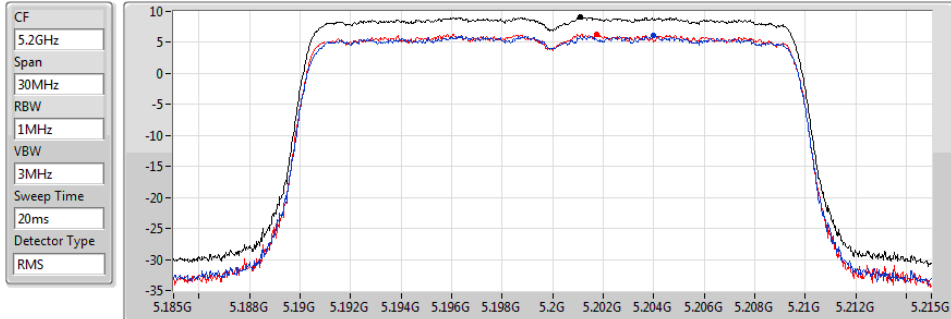


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

23/02/2020



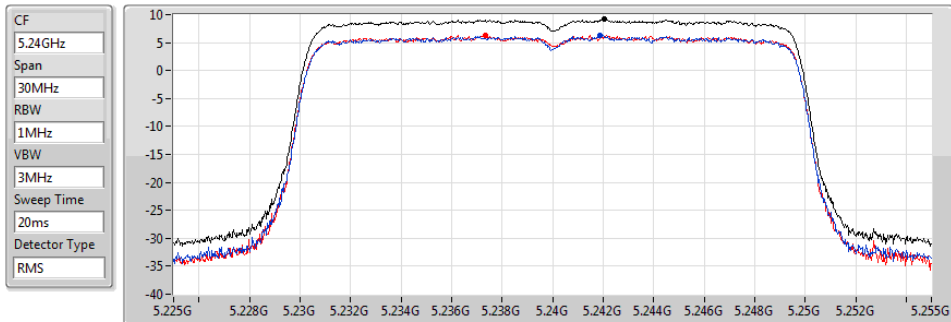
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.05	9.05	6.18	6.33

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

23/02/2020



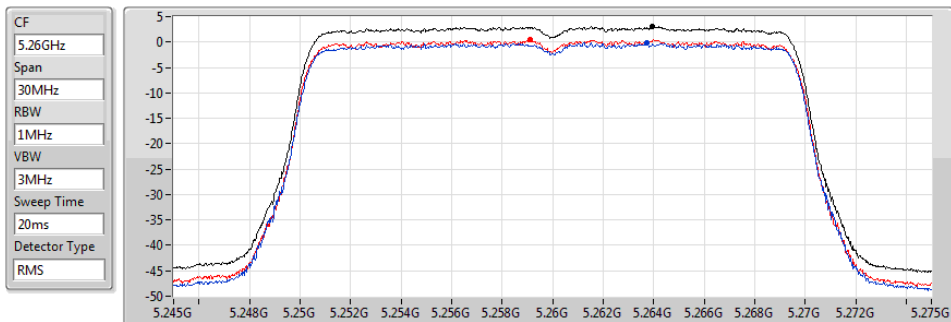
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.15	9.15	6.36	6.36

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5260MHz

23/02/2020



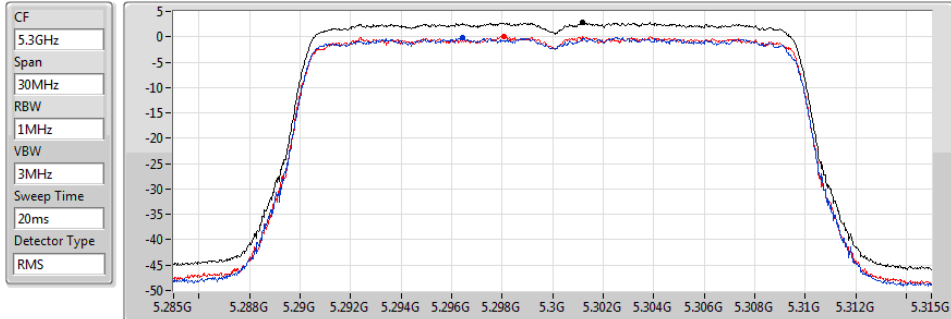
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.01	3.01	-0.22	0.43

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5300MHz

23/02/2020



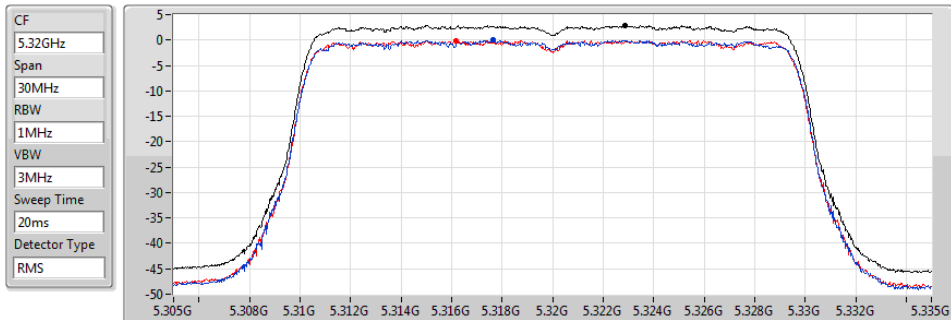
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.78	2.78	-0.10	0.15

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5320MHz

23/02/2020



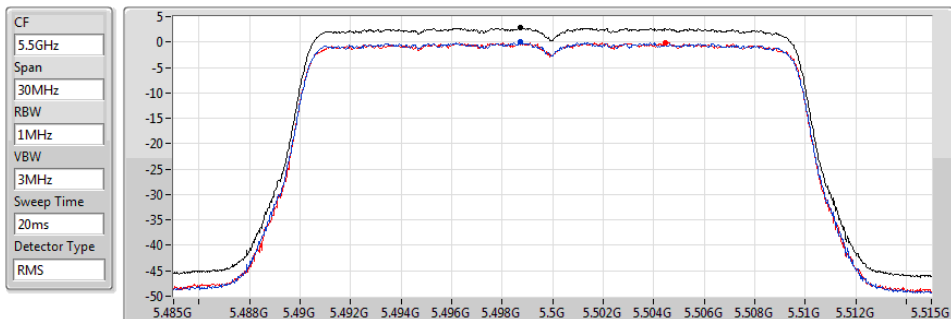
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.85	2.85	0.03	-0.10

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5500MHz

23/02/2020



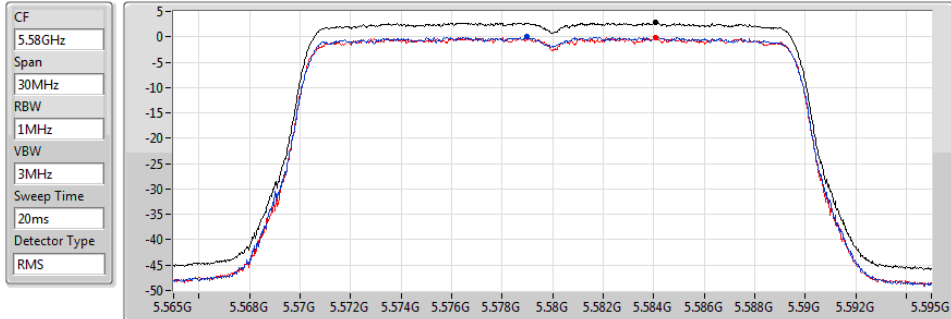
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.80	2.80	-0.03	-0.10

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5580MHz

23/02/2020



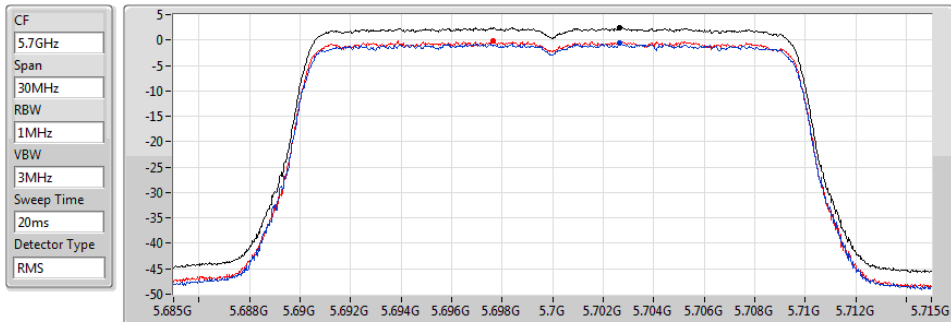
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.81	2.81	0.06	-0.14

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5700MHz

23/02/2020



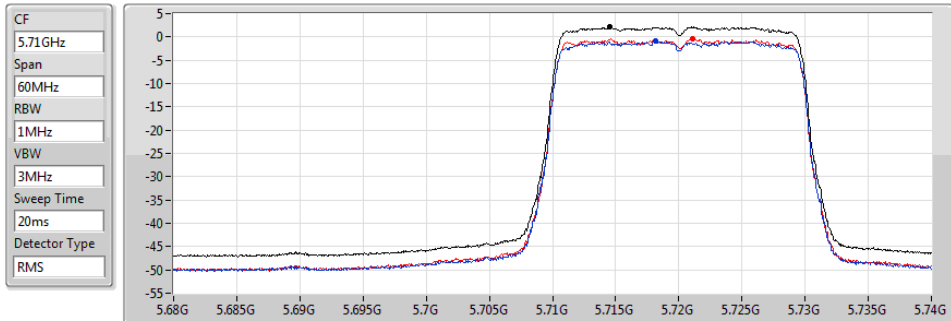
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.39	2.39	-0.69	-0.22

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

23/02/2020



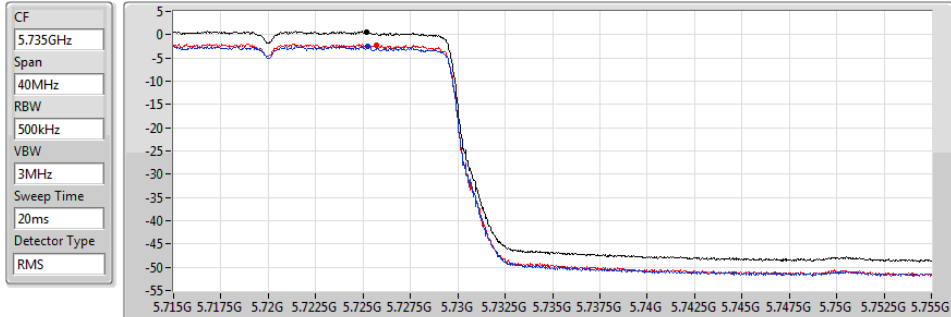
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.12	2.12	-0.94	-0.33

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

23/02/2020



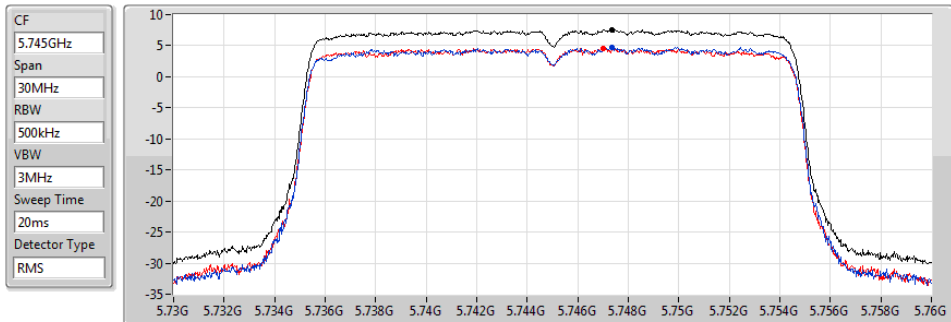
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.50	0.50	-2.60	-2.30

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

23/02/2020



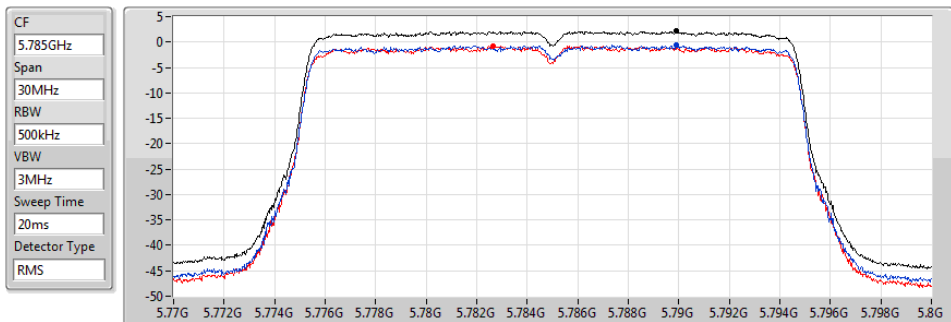
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.59	7.59	4.75	4.59

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

23/02/2020



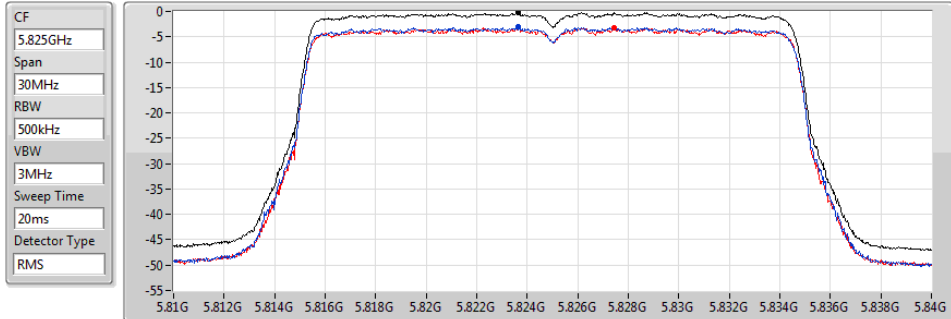
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.13	2.13	-0.66	-0.74

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

23/02/2020



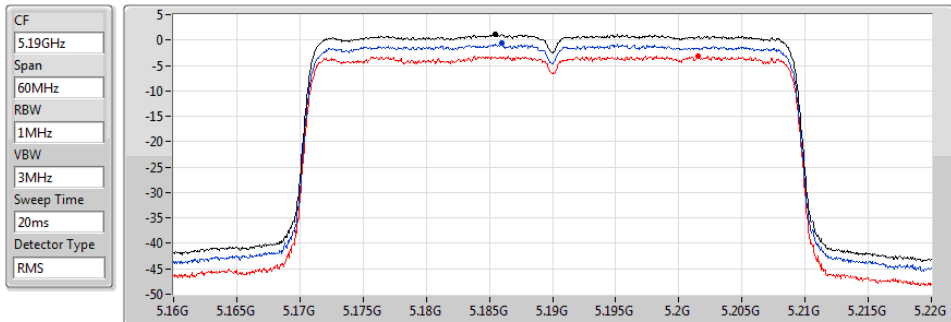
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.25	-0.25	-3.11	-3.24

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

23/02/2020



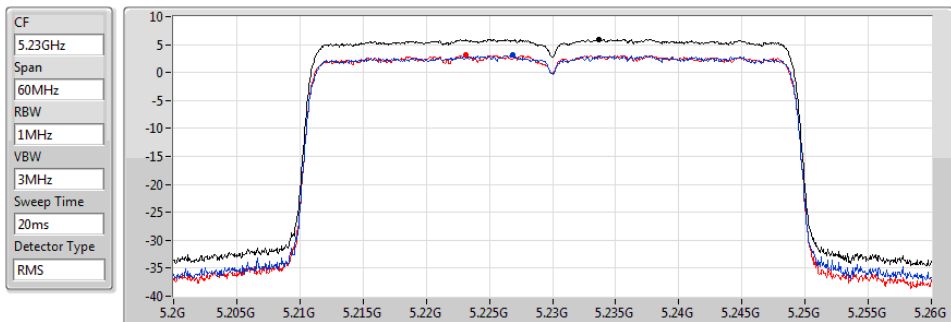
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.11	1.11	-0.68	-3.07

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

23/02/2020



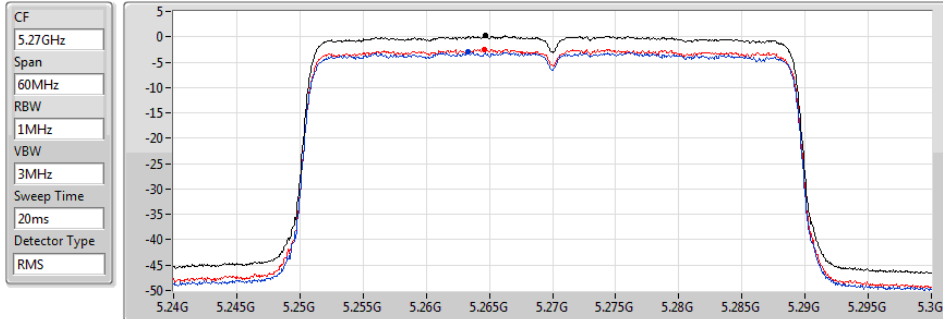
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.97	5.97	3.16	3.13

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5270MHz

23/02/2020



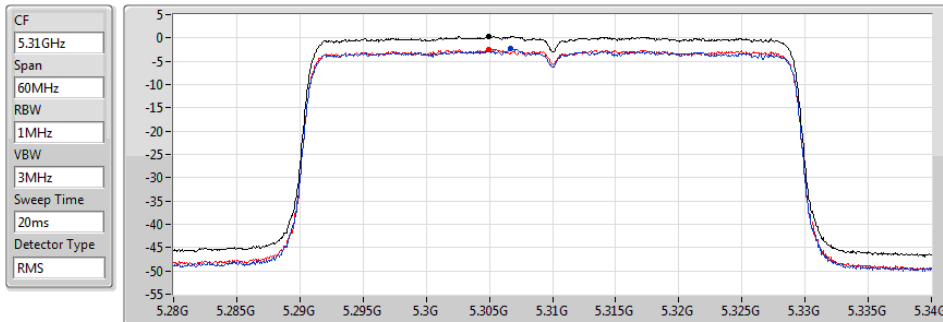
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.17	0.17	-3.03	-2.47

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5310MHz

23/02/2020



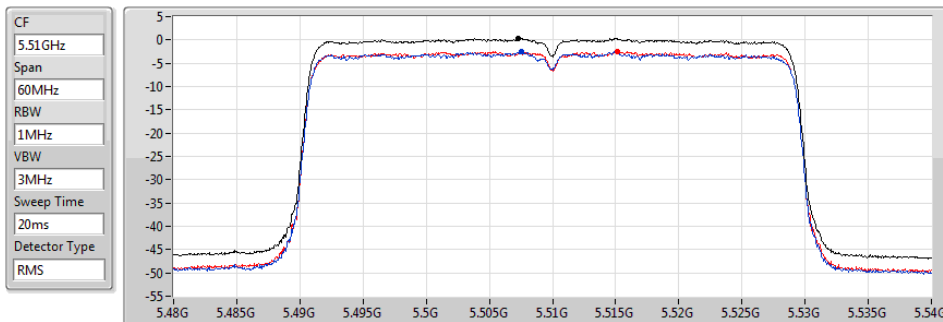
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.39	0.39	-2.28	-2.46

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5510MHz

23/02/2020



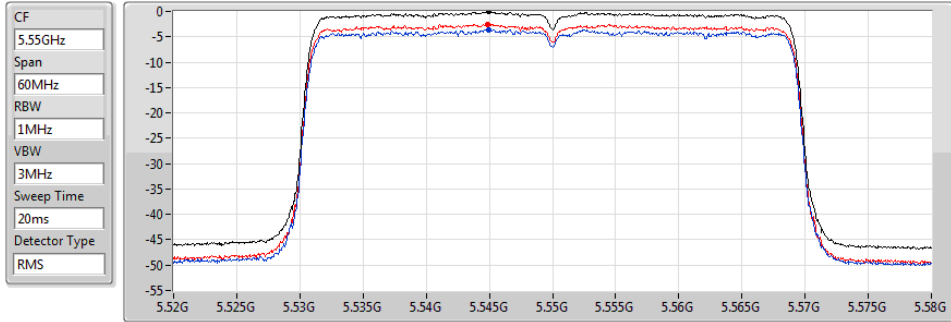
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.38	0.38	-2.59	-2.52

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5550MHz

23/02/2020



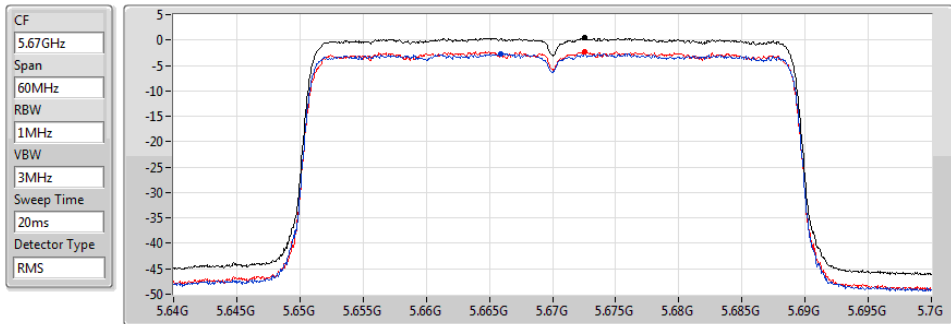
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.04	-0.04	-3.57	-2.56

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5670MHz

23/02/2020



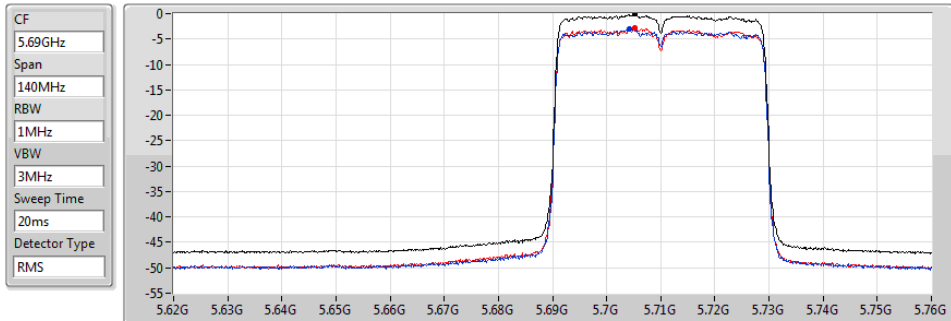
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.46	0.46	-2.69	-2.33

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

23/02/2020



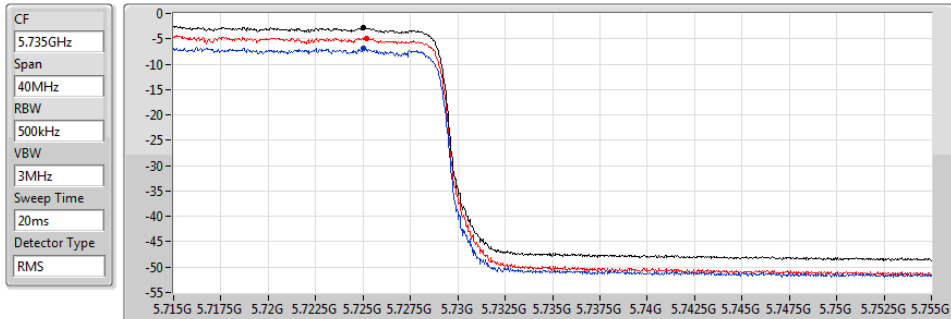
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.09	-0.09	-3.07	-2.82

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

23/02/2020



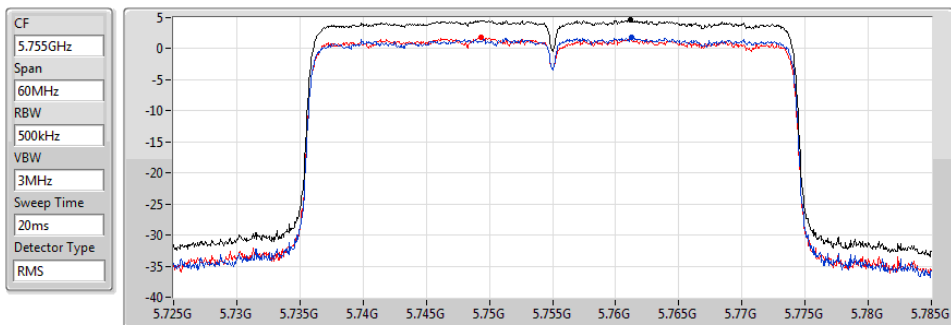
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.87	-2.87	-6.95	-4.86

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

23/02/2020



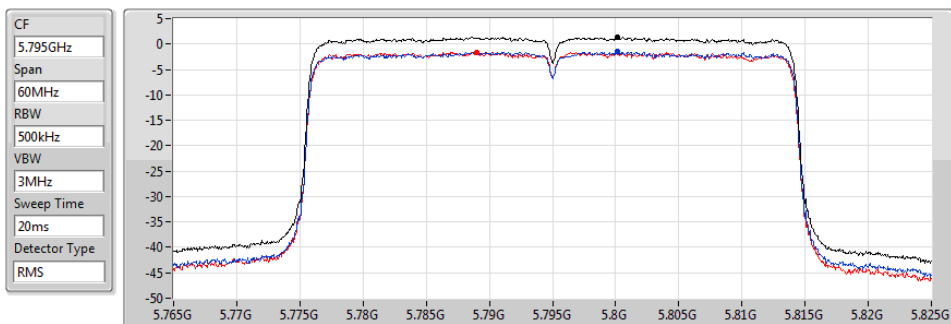
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.63	4.63	1.92	1.78

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

23/02/2020



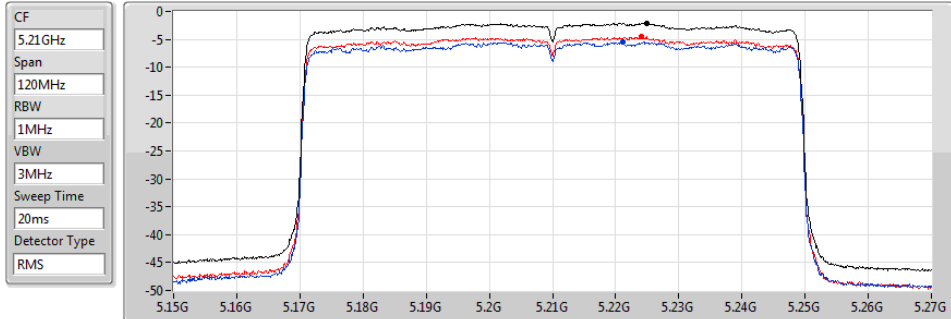
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.41	1.41	-1.38	-1.64

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

23/02/2020



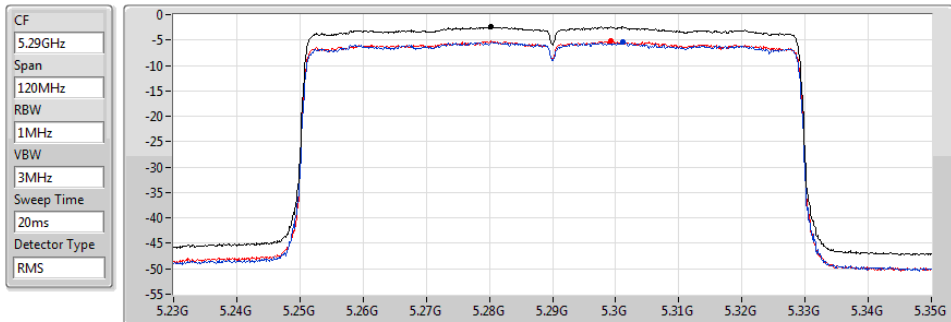
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-2.09	-2.09	-5.48	-4.56

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5290MHz

23/02/2020



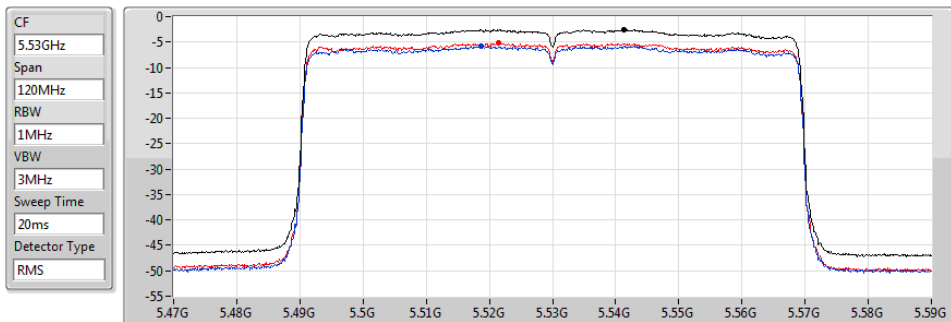
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-2.34	-2.34	-5.41	-5.17

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5530MHz

23/02/2020



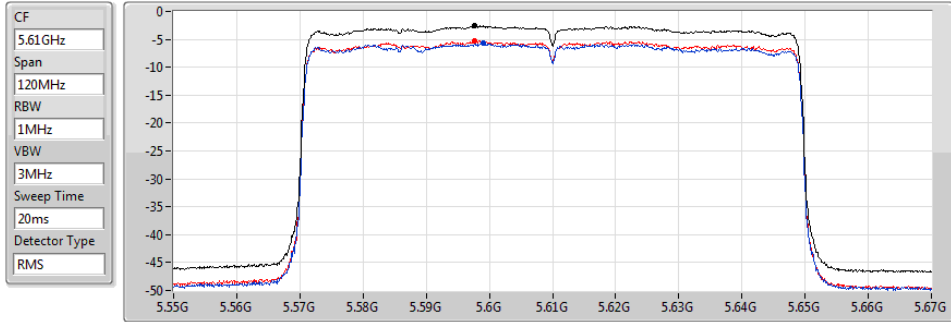
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-2.57	-2.57	-5.87	-5.23

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5610MHz

23/02/2020



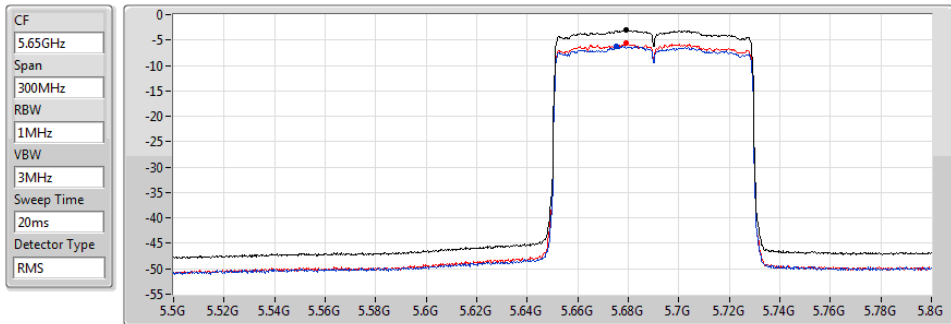
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.57	-2.57	-5.75	-5.26

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

23/02/2020



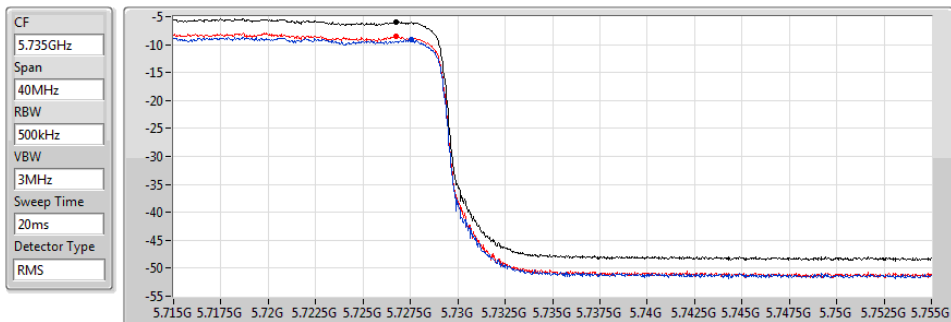
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.05	-3.05	-6.28	-5.60

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

23/02/2020



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.95	-5.95	-9.15	-8.53

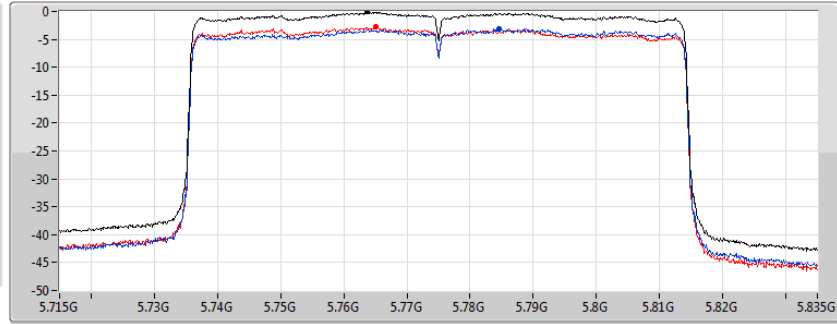
802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

23/02/2020

CF
5.775GHz
Span
120MHz
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)
-0.06	-0.06	-3.14	-2.83



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	10.52	21.53
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	6.13	17.14
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-1.47	9.54
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	10.81	21.82
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	6.16	17.17
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-1.69	9.32
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	4.75	15.76
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	1.91	12.92
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-1.18	9.83
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	4.96	15.97
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	1.96	12.97
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-1.36	9.65
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	4.81	15.82
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	2.32	13.33
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-0.72	10.29
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	4.77	15.78
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	2.32	13.33
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-0.74	10.27
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	9.34	20.35
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	6.56	17.57
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-0.16	10.85
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	9.26	20.27
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	6.01	17.02
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-0.28	10.73

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)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.01	3.45	3.80	6.55	11.99	17.56	23.00
5200MHz	Pass	11.01	7.72	7.67	10.52	11.99	21.53	23.00
5240MHz	Pass	11.01	7.53	7.29	10.41	11.99	21.42	23.00
5260MHz	Pass	11.01	1.14	1.89	4.41	5.99	15.42	17.00
5300MHz	Pass	11.01	1.21	2.13	4.62	5.99	15.63	17.00
5320MHz	Pass	11.01	1.40	2.32	4.75	5.99	15.76	17.00
5500MHz	Pass	11.01	1.14	1.94	4.51	5.99	15.52	17.00
5580MHz	Pass	11.01	1.53	1.95	4.60	5.99	15.61	17.00
5700MHz	Pass	11.01	-2.24	-1.92	0.80	5.99	11.81	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	11.01	1.79	1.98	4.81	5.99	15.82	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	11.01	-0.07	0.02	2.91	24.99	13.92	36.00
5745MHz	Pass	11.01	4.61	4.96	7.69	24.99	18.70	36.00
5785MHz	Pass	11.01	6.14	6.43	9.05	24.99	20.06	36.00
5825MHz	Pass	11.01	6.47	6.80	9.34	24.99	20.35	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	11.01	-1.19	-1.52	1.57	11.99	12.58	23.00
5230MHz	Pass	11.01	3.41	3.06	6.13	11.99	17.14	23.00
5270MHz	Pass	11.01	-1.26	-0.82	1.91	5.99	12.92	17.00
5310MHz	Pass	11.01	-1.62	-1.06	1.53	5.99	12.54	17.00
5510MHz	Pass	11.01	-2.42	-2.32	0.40	5.99	11.41	17.00
5550MHz	Pass	11.01	-0.75	-0.76	2.22	5.99	13.23	17.00
5670MHz	Pass	11.01	-2.71	-2.09	0.45	5.99	11.46	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	11.01	-0.94	-0.30	2.32	5.99	13.33	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	11.01	-3.02	-2.58	0.16	24.99	11.17	36.00
5755MHz	Pass	11.01	3.18	2.93	5.95	24.99	16.96	36.00
5795MHz	Pass	11.01	3.54	3.86	6.56	24.99	17.57	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	11.01	-4.50	-4.40	-1.47	11.99	9.54	23.00
5290MHz	Pass	11.01	-4.23	-4.10	-1.18	5.99	9.83	17.00
5530MHz	Pass	11.01	-5.54	-5.46	-2.60	5.99	8.41	17.00
5610MHz	Pass	11.01	-3.40	-3.15	-0.72	5.99	10.29	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	11.01	-3.68	-3.62	-0.78	5.99	10.23	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	11.01	-6.85	-6.24	-3.53	24.99	7.48	36.00
5775MHz	Pass	11.01	-3.60	-2.68	-0.16	24.99	10.85	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.01	3.83	4.10	6.98	11.99	17.99	23.00
5200MHz	Pass	11.01	8.07	7.84	10.81	11.99	21.82	23.00
5240MHz	Pass	11.01	7.76	7.96	10.56	11.99	21.57	23.00
5260MHz	Pass	11.01	1.17	2.14	4.60	5.99	15.61	17.00
5300MHz	Pass	11.01	1.36	2.23	4.74	5.99	15.75	17.00
5320MHz	Pass	11.01	1.58	2.34	4.96	5.99	15.97	17.00
5500MHz	Pass	11.01	1.35	2.14	4.77	5.99	15.78	17.00
5580MHz	Pass	11.01	1.23	2.09	4.68	5.99	15.69	17.00



PSD_
Beamforming Indoor Sample 2 Radio 2 Omni 2T1S

Appendix D.17

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5700MHz	Pass	11.01	-2.15	-1.72	0.97	5.99	11.98	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	11.01	1.66	2.01	4.77	5.99	15.78	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	11.01	-0.16	0.32	3.09	24.99	14.10	36.00
5745MHz	Pass	11.01	4.86	5.26	7.85	24.99	18.86	36.00
5785MHz	Pass	11.01	5.96	6.44	9.04	24.99	20.05	36.00
5825MHz	Pass	11.01	6.00	6.73	9.26	24.99	20.27	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	11.01	-0.54	-1.02	2.00	11.99	13.01	23.00
5230MHz	Pass	11.01	3.44	3.22	6.16	11.99	17.17	23.00
5270MHz	Pass	11.01	-1.25	-0.62	1.96	5.99	12.97	17.00
5310MHz	Pass	11.01	-1.62	-1.07	1.55	5.99	12.56	17.00
5510MHz	Pass	11.01	-2.55	-2.46	0.37	5.99	11.38	17.00
5550MHz	Pass	11.01	-0.67	-0.62	2.30	5.99	13.31	17.00
5670MHz	Pass	11.01	-2.78	-2.20	0.48	5.99	11.49	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	11.01	-1.00	-0.20	2.32	5.99	13.33	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	11.01	-2.67	-2.53	0.30	24.99	11.31	36.00
5755MHz	Pass	11.01	2.92	2.92	5.75	24.99	16.76	36.00
5795MHz	Pass	11.01	3.16	3.30	6.01	24.99	17.02	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	11.01	-4.67	-4.48	-1.69	11.99	9.32	23.00
5290MHz	Pass	11.01	-4.41	-4.13	-1.36	5.99	9.65	17.00
5530MHz	Pass	11.01	-5.92	-5.30	-2.67	5.99	8.34	17.00
5610MHz	Pass	11.01	-3.82	-3.47	-0.74	5.99	10.27	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	11.01	-3.99	-3.60	-0.82	5.99	10.19	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	11.01	-6.54	-6.73	-3.70	24.99	7.31	36.00
5775MHz	Pass	11.01	-3.72	-2.72	-0.28	24.99	10.73	36.00

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

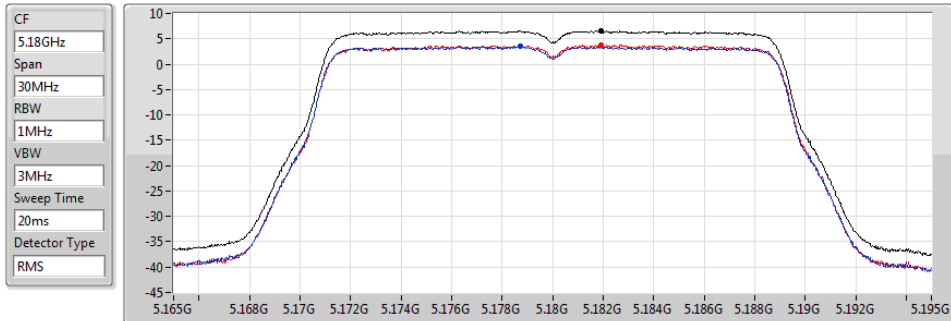
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

23/02/2020



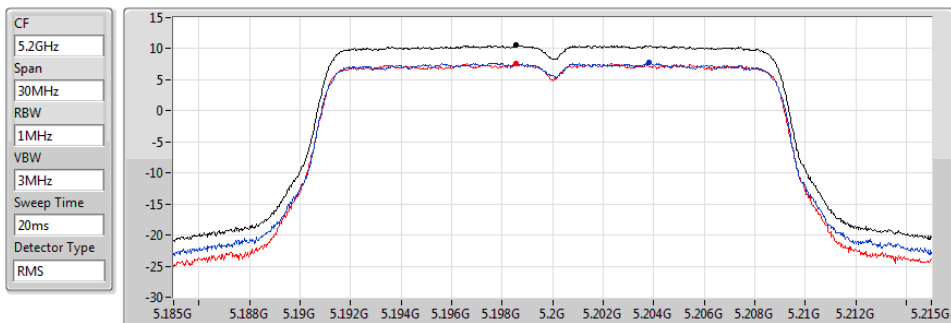
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.55	6.55	3.45	3.80

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

23/02/2020



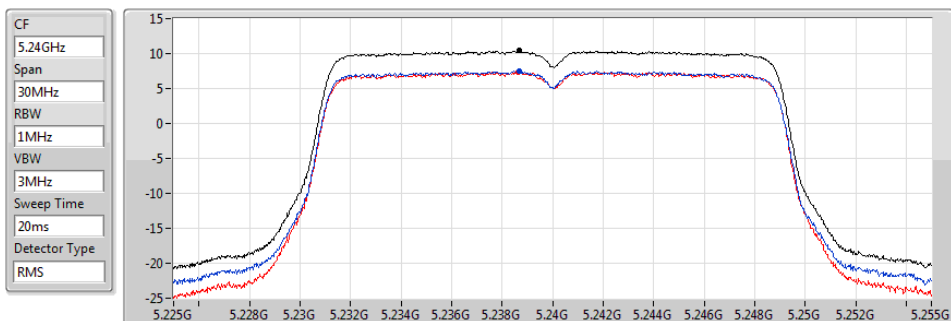
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.52	10.52	7.72	7.67

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

23/02/2020



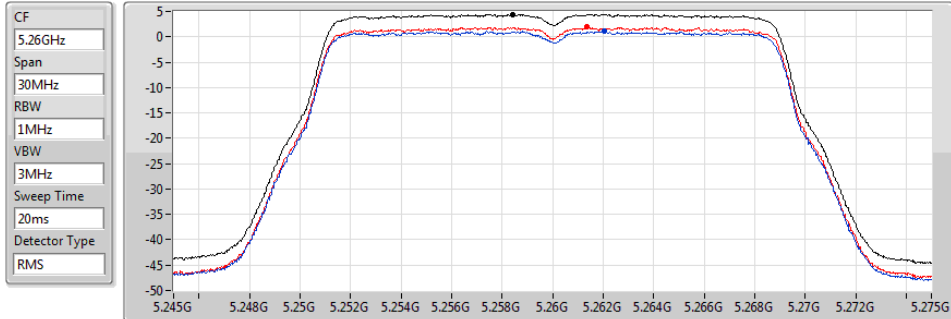
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.41	10.41	7.53	7.29

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5260MHz

23/02/2020



Sum
Port 1
Port 2

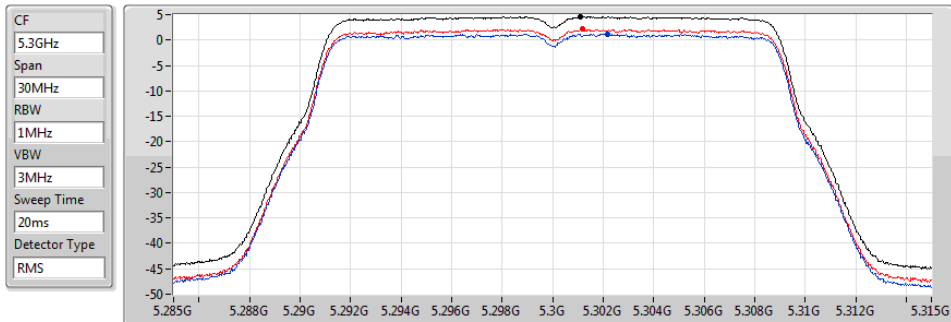
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.41	4.41	1.14	1.89

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5300MHz

23/02/2020



Sum
Port 1
Port 2

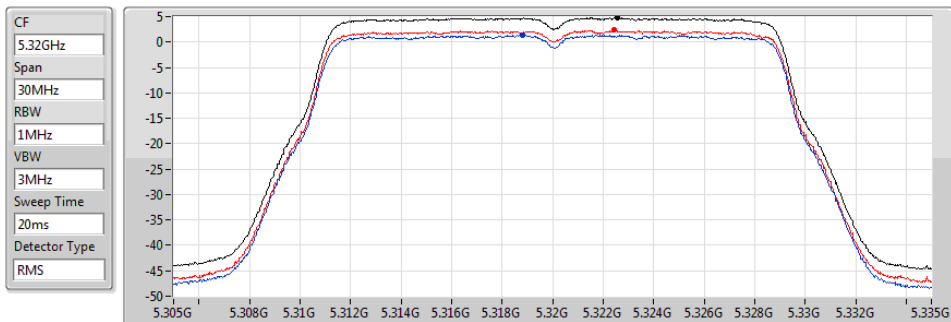
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.62	4.62	1.21	2.13

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5320MHz

23/02/2020



Sum
Port 1
Port 2

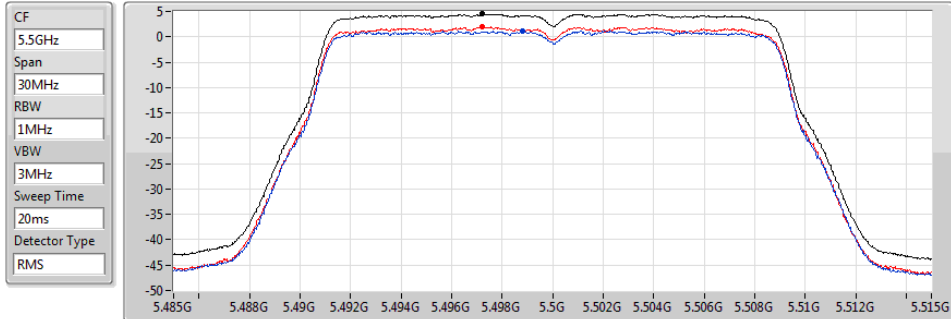
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.75	4.75	1.40	2.32

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5500MHz

23/02/2020



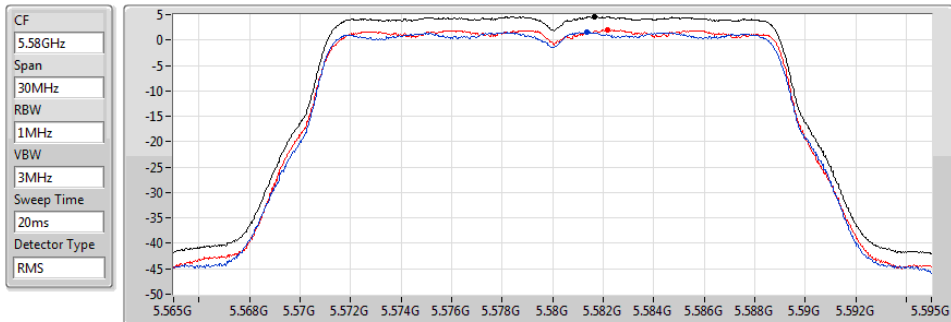
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.51	4.51	1.14	1.94

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5580MHz

23/02/2020



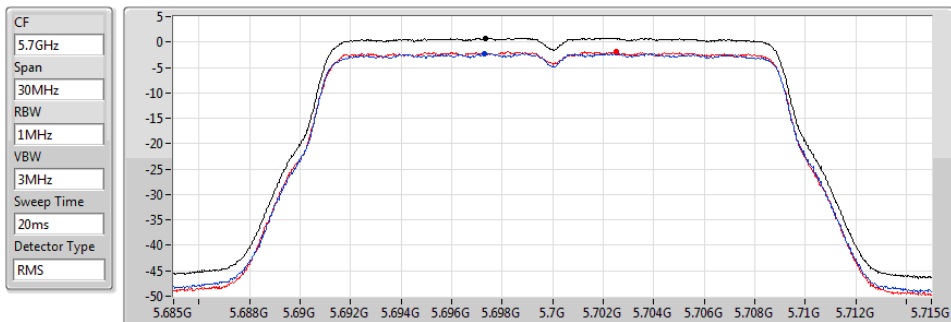
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.60	4.60	1.53	1.95

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5700MHz

23/02/2020



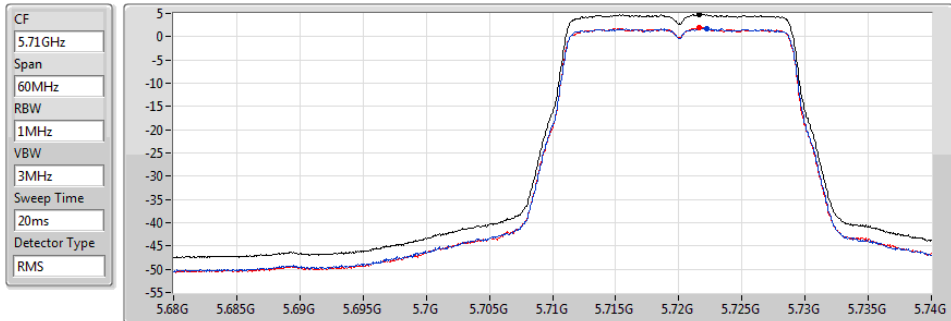
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.80	0.80	-2.24	-1.92

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

23/02/2020



Sum
Port 1
Port 2

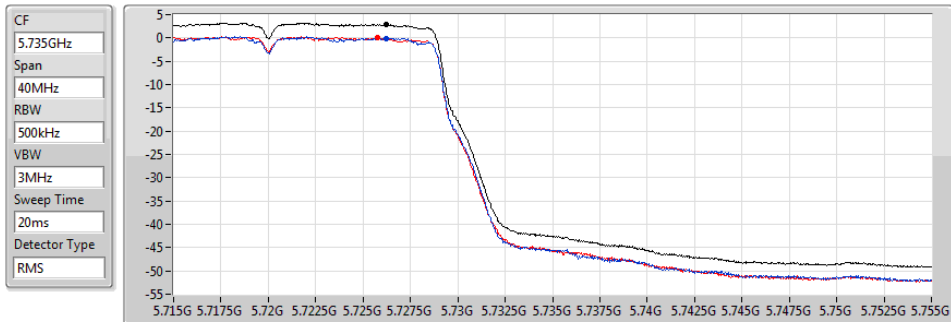
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.81	4.81	1.79	1.98

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

23/02/2020



Sum
Port 1
Port 2

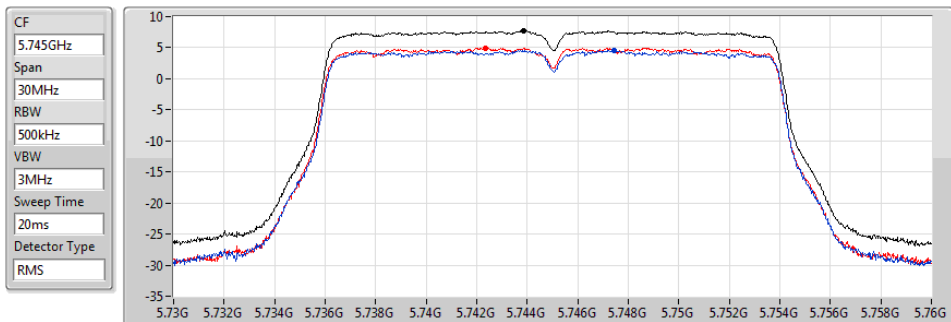
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.91	2.91	-0.07	0.02

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

23/02/2020



Sum
Port 1
Port 2

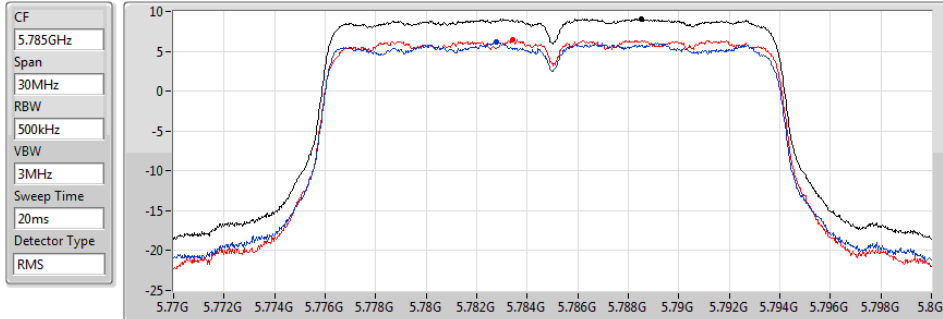
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.69	7.69	4.61	4.96

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

23/02/2020



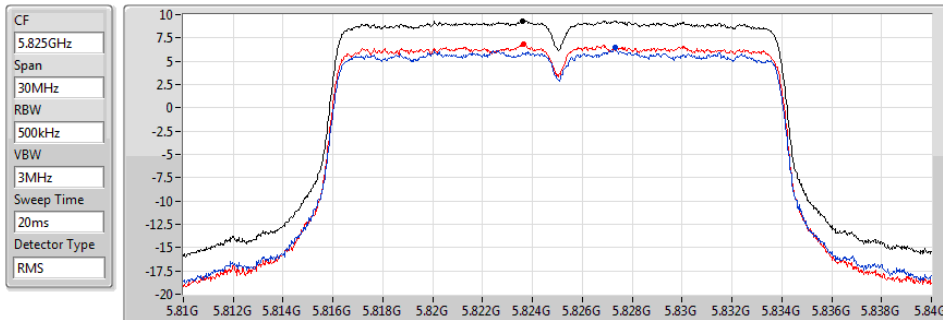
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.05	9.05	6.14	6.43

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

23/02/2020



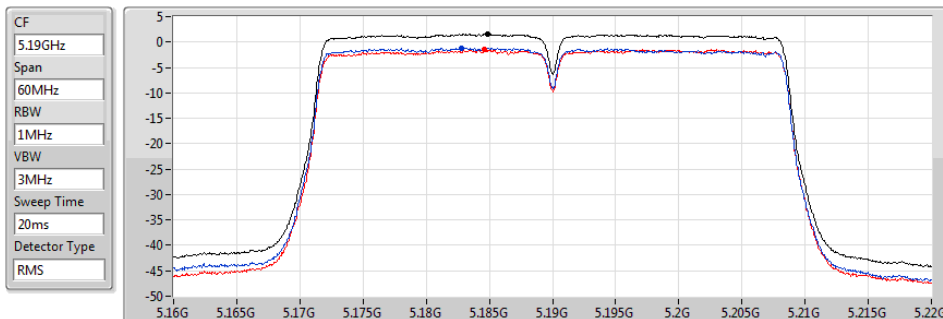
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.34	9.34	6.47	6.80

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

23/02/2020



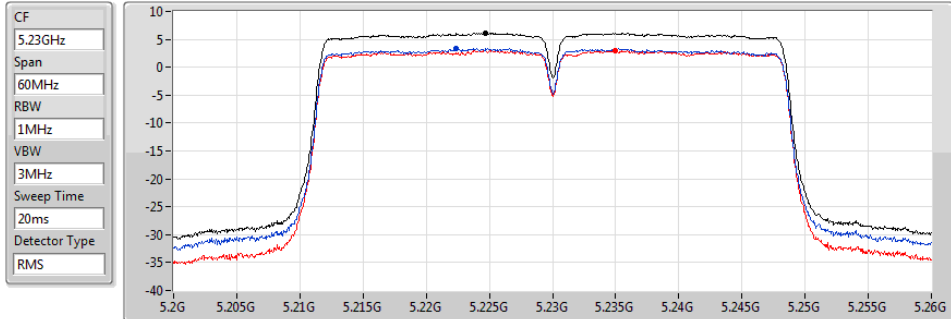
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.57	1.57	-1.19	-1.52

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

23/02/2020



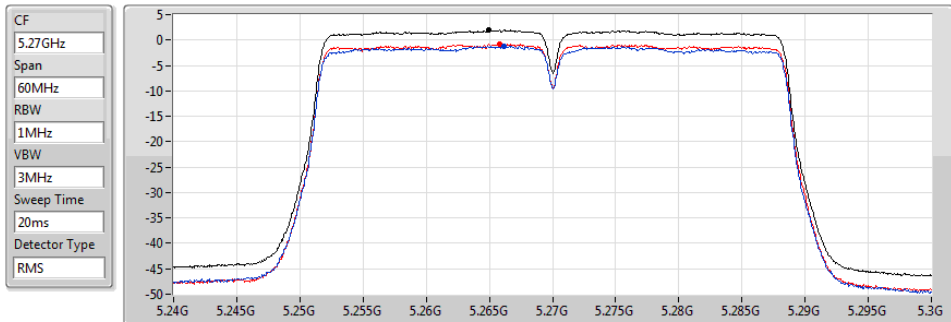
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.13	6.13	3.41	3.06

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5270MHz

23/02/2020



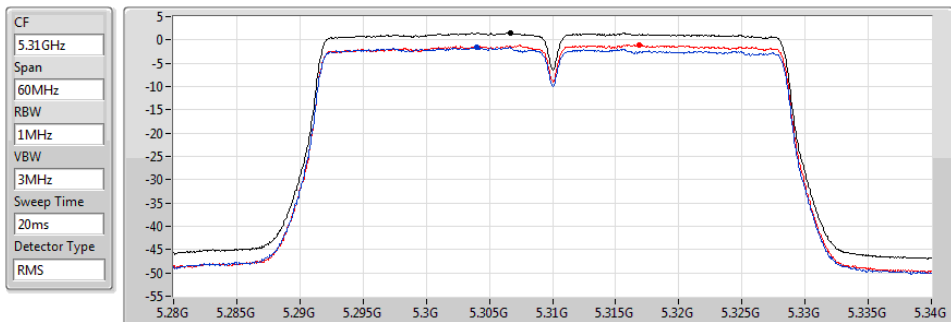
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.91	1.91	-1.26	-0.82

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5310MHz

23/02/2020



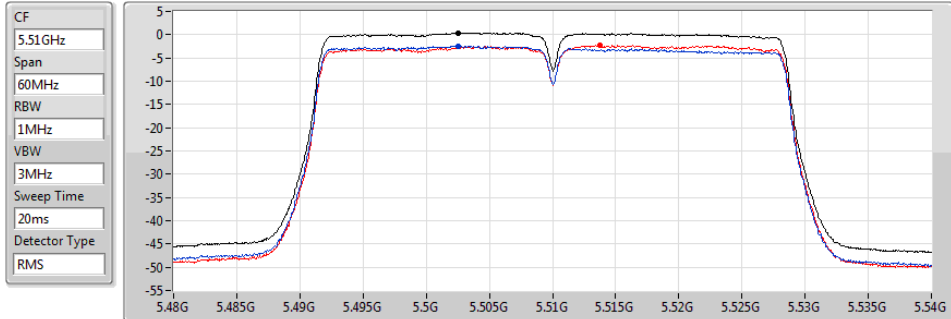
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.53	1.53	-1.62	-1.06

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5510MHz

23/02/2020



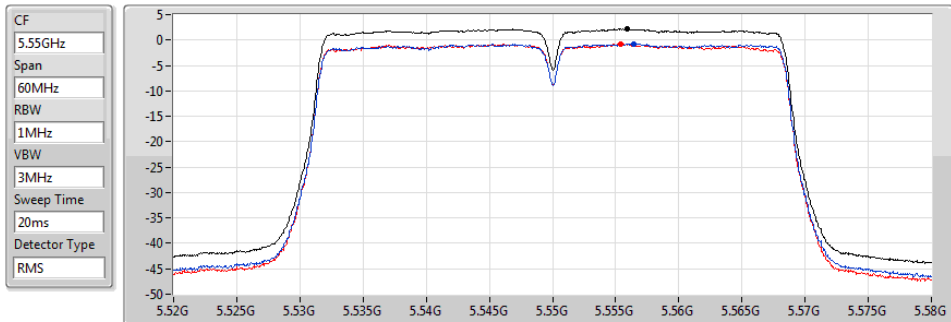
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
0.40	0.40	-2.42	-2.32

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5550MHz

23/02/2020



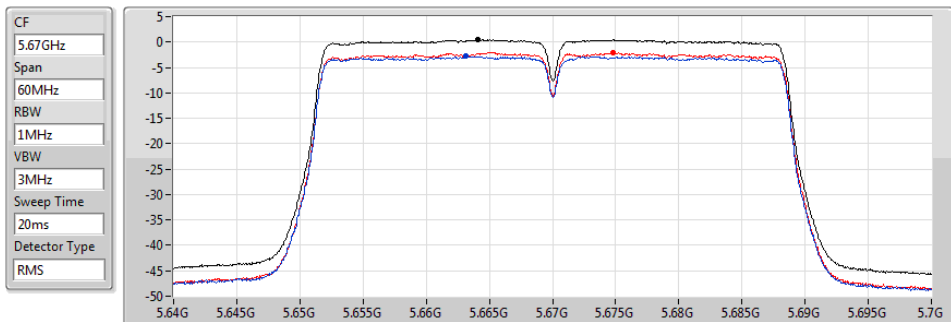
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
2.22	2.22	-0.75	-0.76

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5670MHz

23/02/2020



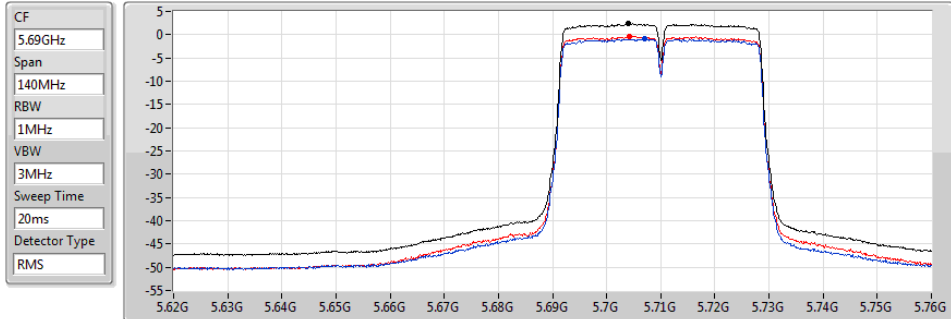
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
0.45	0.45	-2.71	-2.09

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

23/02/2020



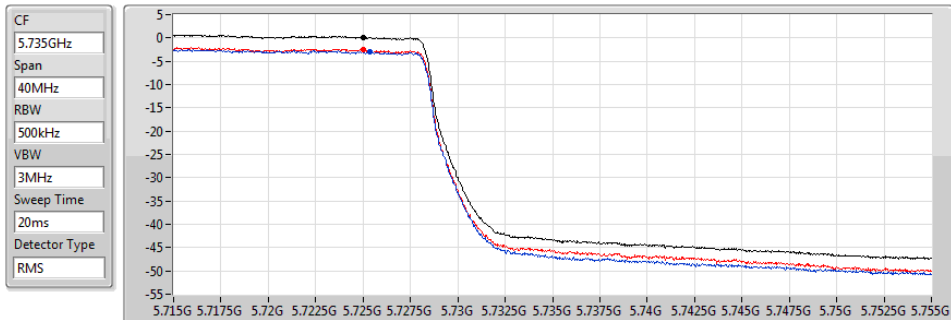
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.32	2.32	-0.94	-0.30

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

23/02/2020



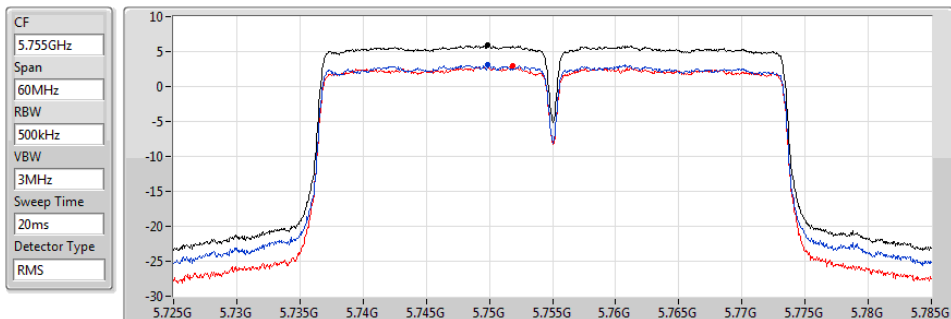
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.16	0.16	-3.02	-2.58

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

23/02/2020



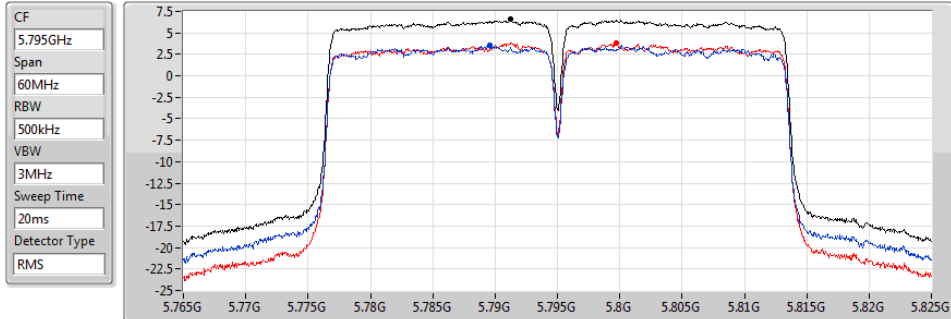
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.95	5.95	3.18	2.93

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

23/02/2020



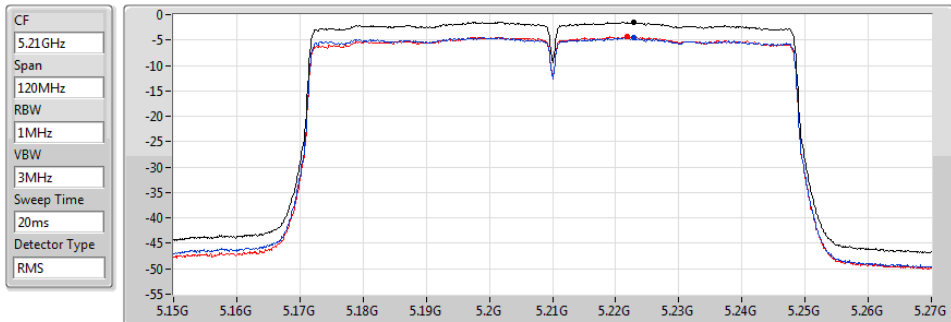
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.56	6.56	3.54	3.86

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

23/02/2020



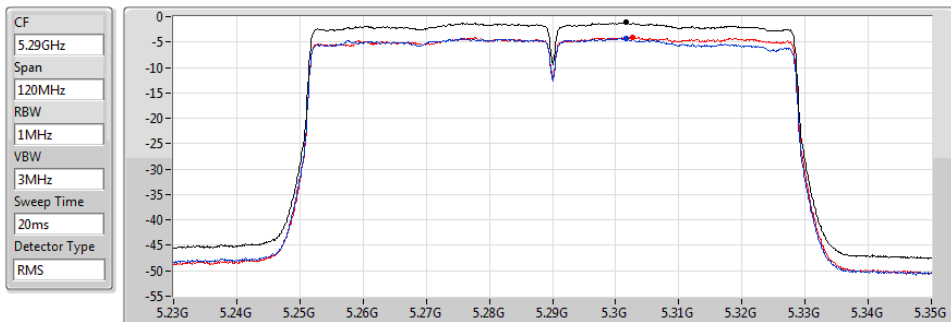
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.47	-1.47	-4.50	-4.40

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5290MHz

23/02/2020



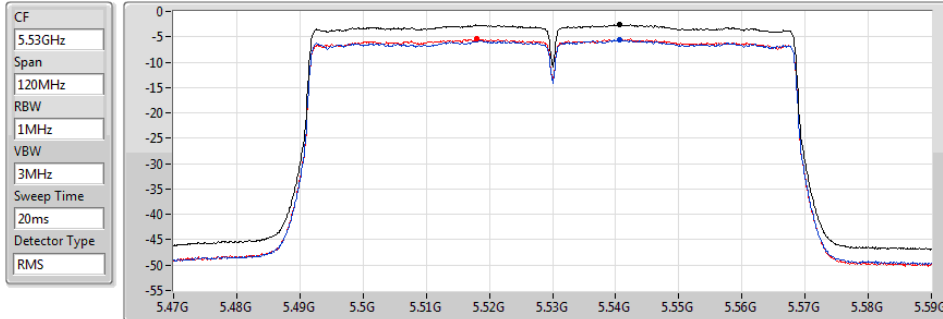
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.18	-1.18	-4.23	-4.10

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5530MHz

23/02/2020



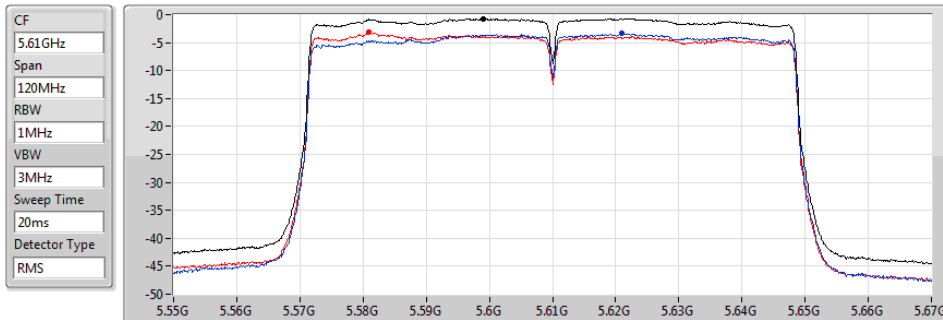
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.60	-2.60	-5.54	-5.46

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5610MHz

23/02/2020



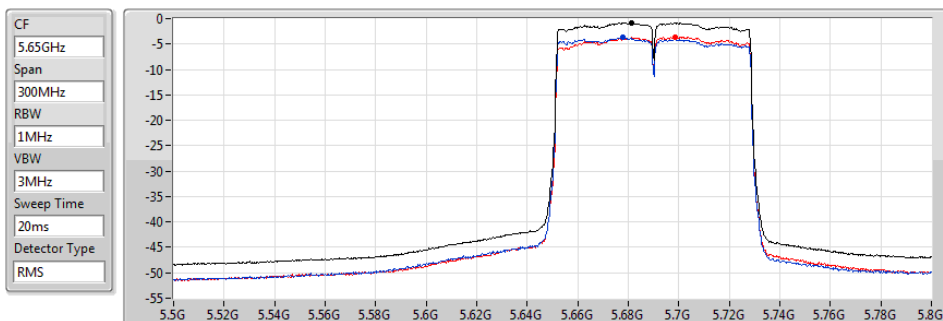
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.72	-0.72	-3.40	-3.15

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

23/02/2020



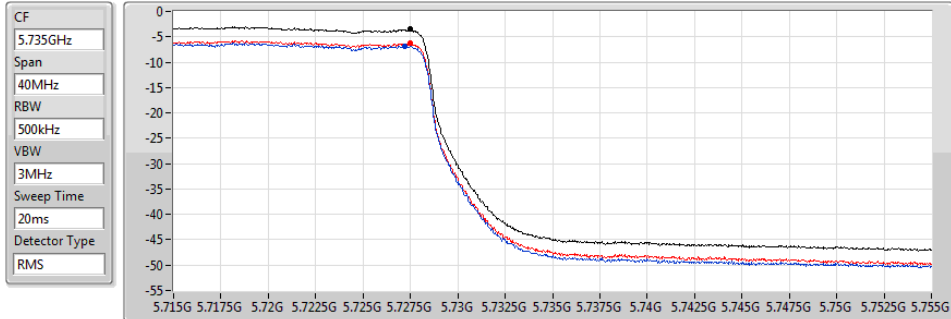
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.78	-0.78	-3.68	-3.62

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

23/02/2020



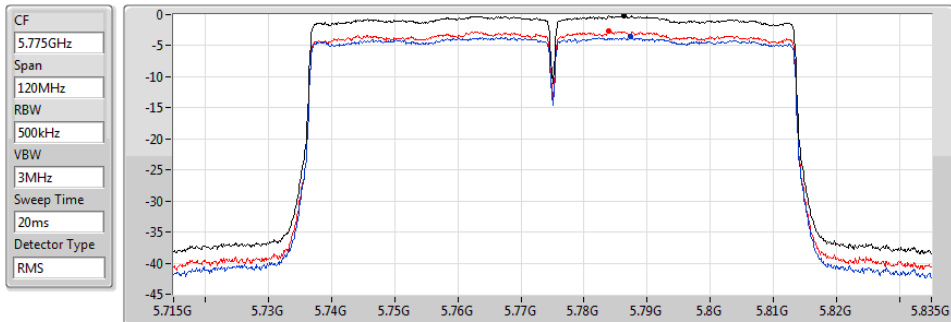
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.53	-3.53	-6.85	-6.24

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

23/02/2020



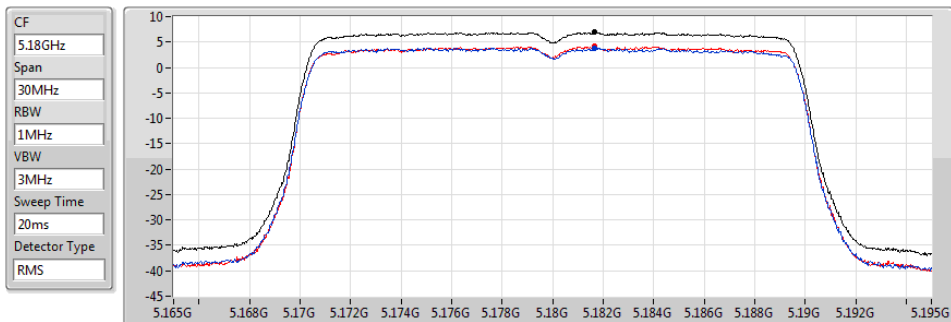
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.16	-0.16	-3.60	-2.68

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

23/02/2020



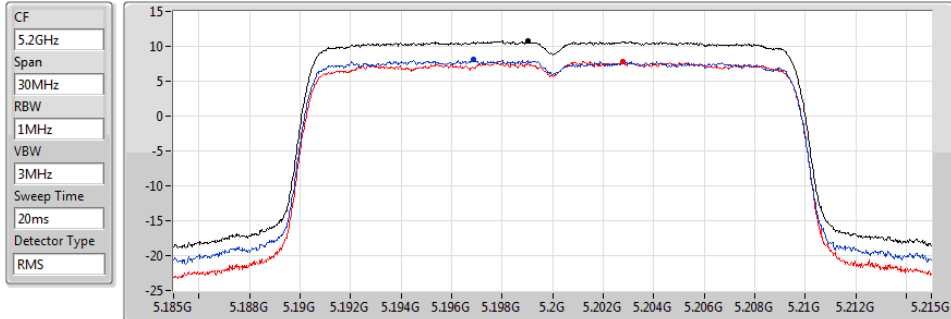
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.98	6.98	3.83	4.10

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

23/02/2020



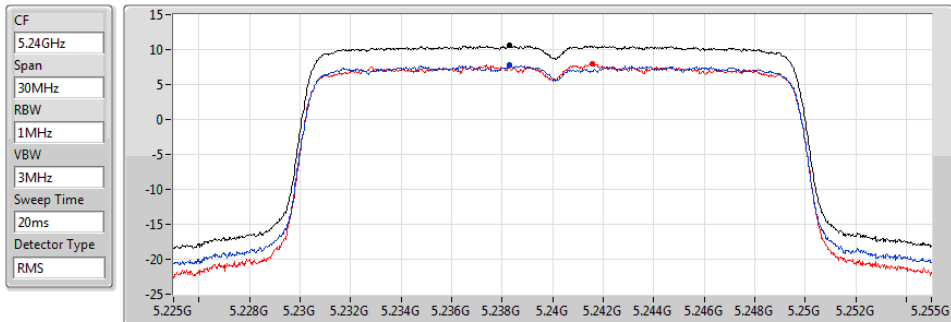
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.81	10.81	8.07	7.84

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

23/02/2020



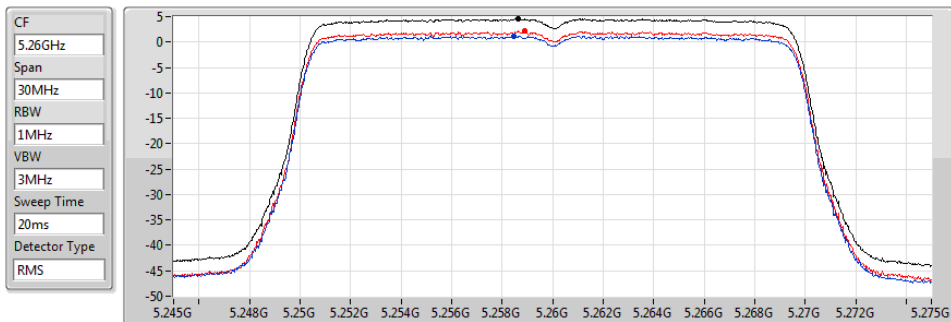
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.56	10.56	7.76	7.96

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5260MHz

23/02/2020



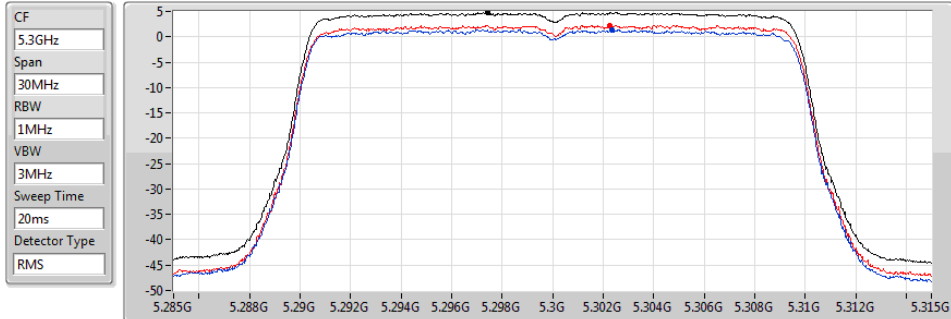
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.60	4.60	1.17	2.14

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5300MHz

23/02/2020



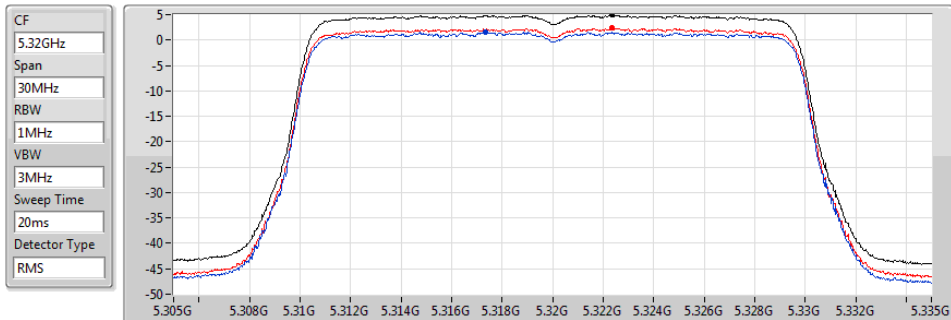
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.74	4.74	1.36	2.23

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5320MHz

23/02/2020



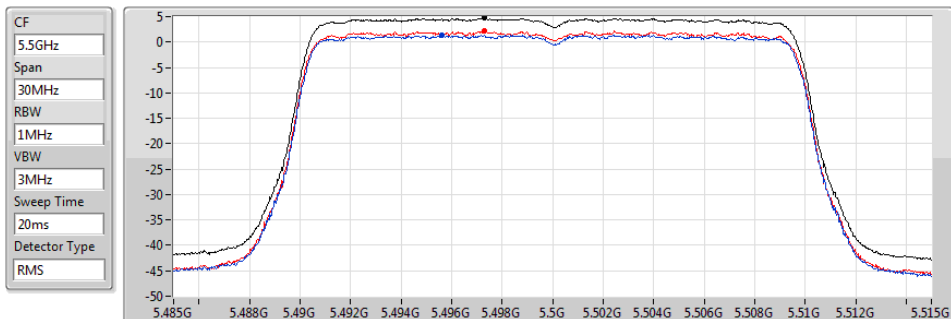
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.96	4.96	1.58	2.34

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5500MHz

23/02/2020



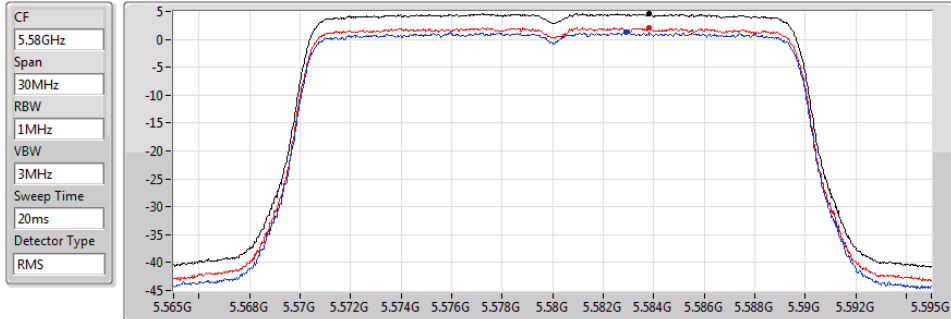
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.77	4.77	1.35	2.14

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5580MHz

23/02/2020



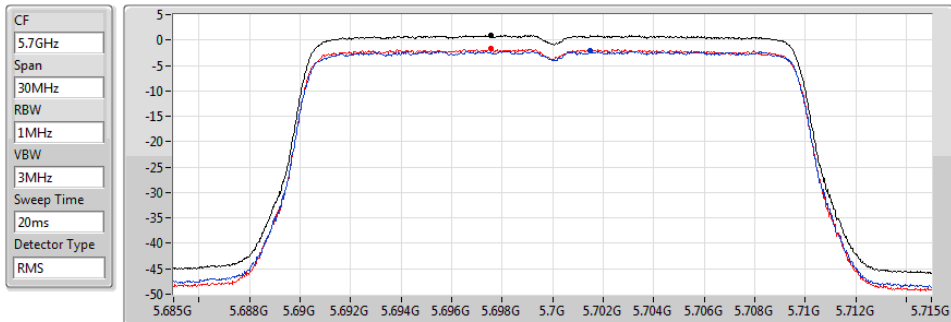
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.68	4.68	1.23	2.09

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5700MHz

23/02/2020



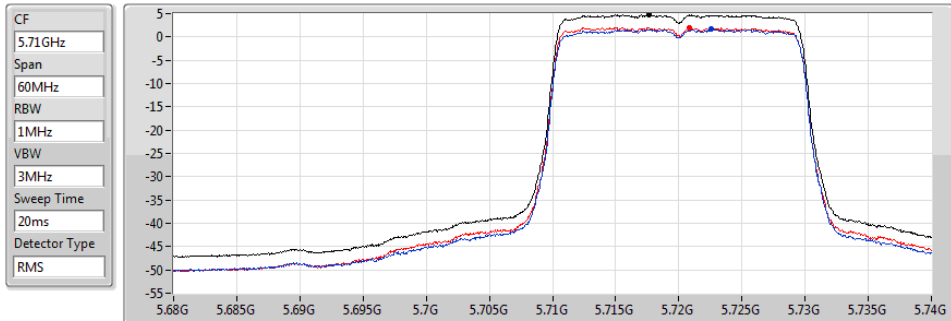
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.97	0.97	-2.15	-1.72

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

23/02/2020



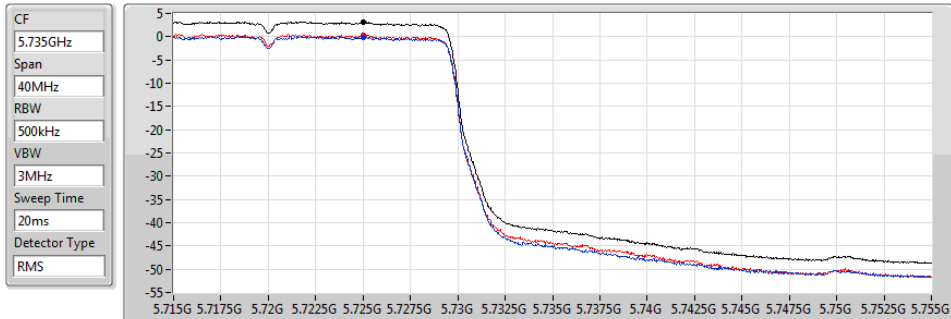
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.77	4.77	1.66	2.01

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

23/02/2020



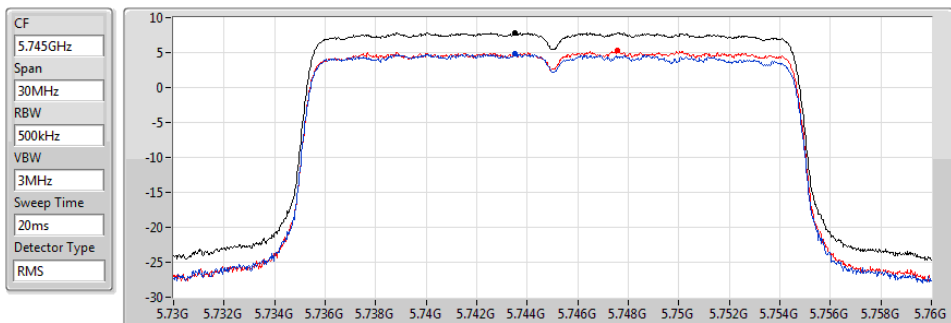
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.09	3.09	-0.16	0.32

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

23/02/2020



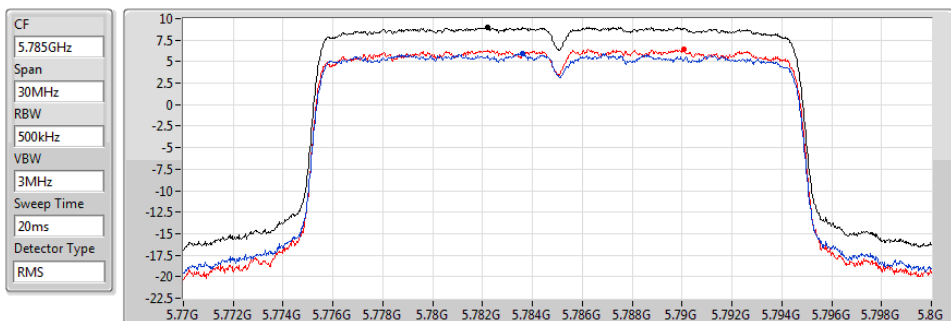
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.85	7.85	4.86	5.26

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

23/02/2020



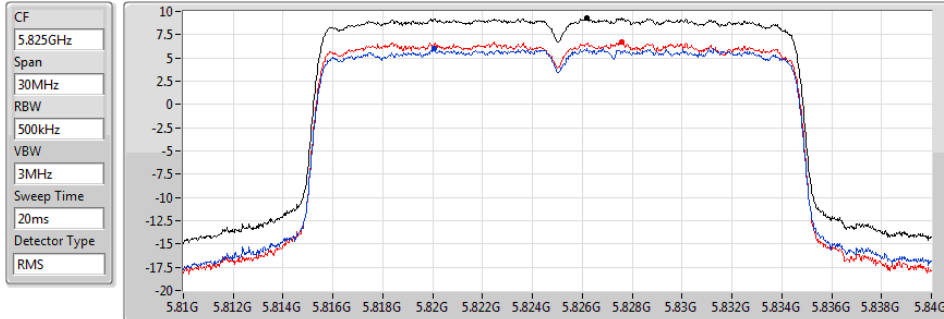
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.04	9.04	5.96	6.44

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

23/02/2020



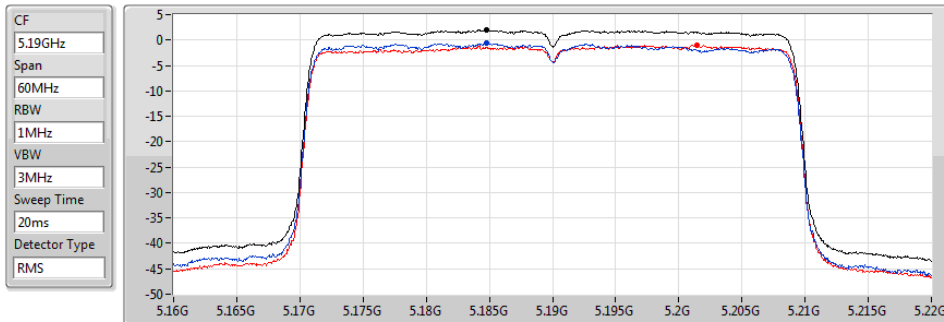
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.26	9.26	6.00	6.73

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

23/02/2020



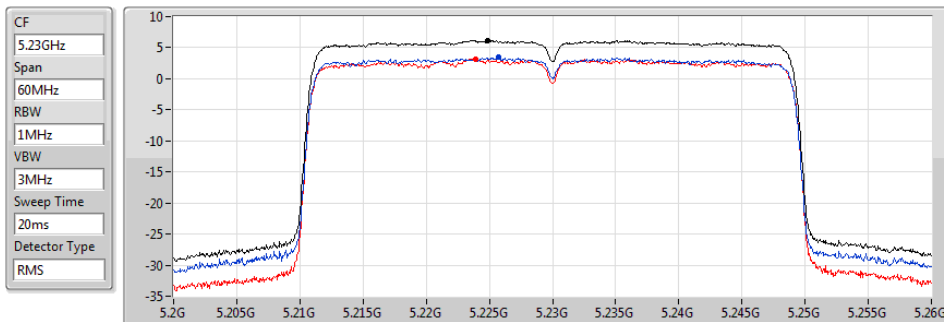
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.00	2.00	-0.54	-1.02

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

23/02/2020



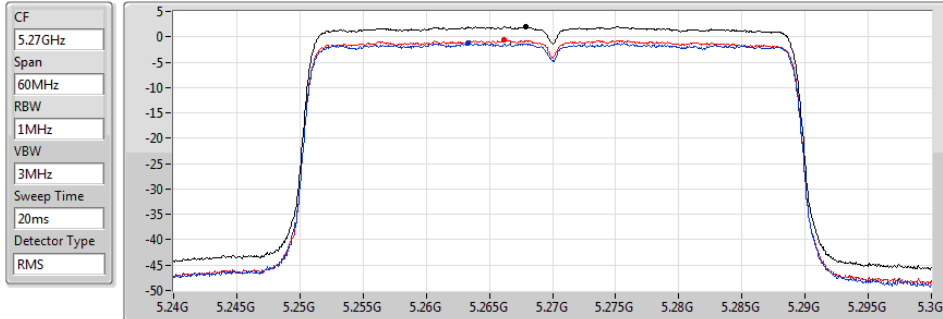
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.16	6.16	3.44	3.22

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5270MHz

23/02/2020



Sum
Port 1
Port 2

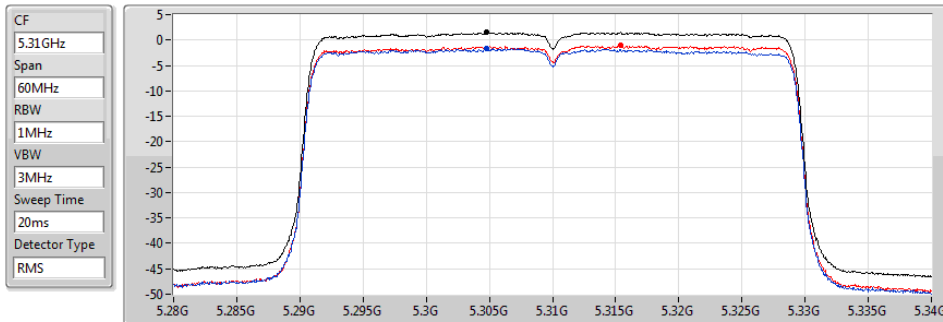
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.96	1.96	-1.25	-0.62

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5310MHz

23/02/2020



Sum
Port 1
Port 2

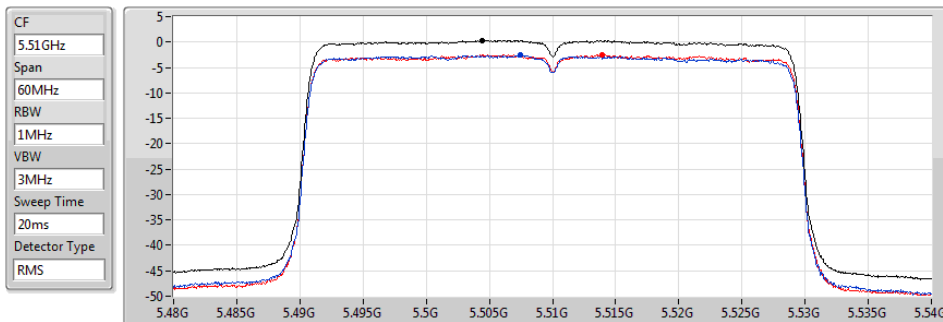
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.55	1.55	-1.62	-1.07

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5510MHz

23/02/2020



Sum
Port 1
Port 2

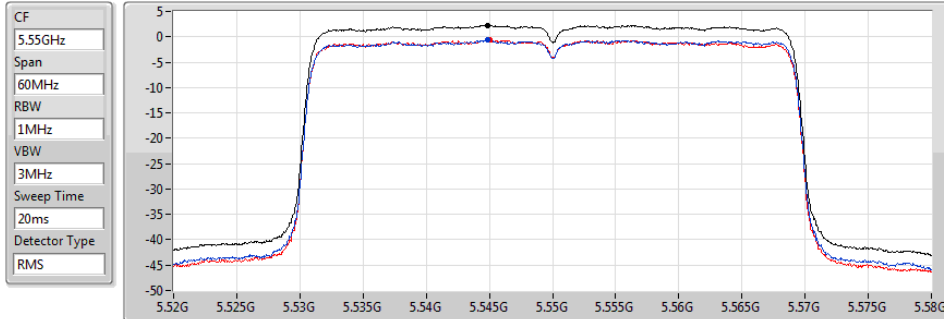
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.37	0.37	-2.55	-2.46

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5550MHz

23/02/2020



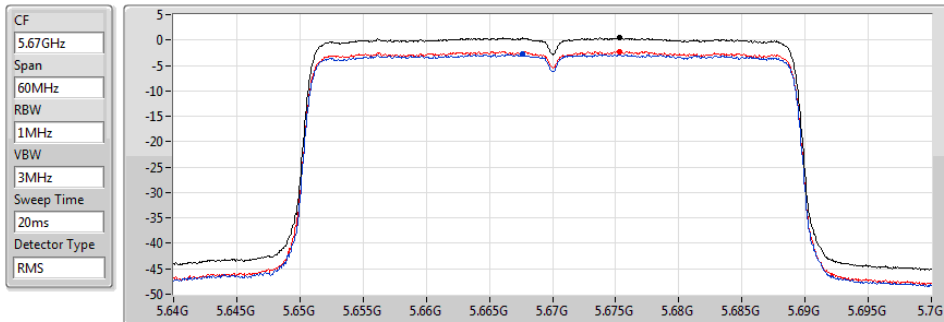
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.30	2.30	-0.67	-0.62

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5670MHz

23/02/2020



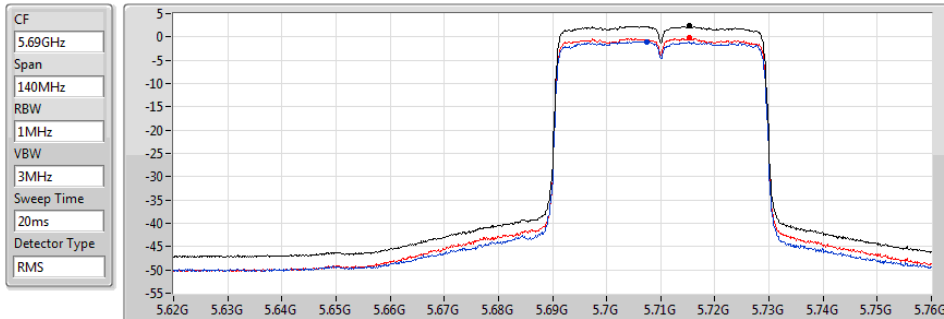
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.48	0.48	-2.78	-2.20

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

23/02/2020



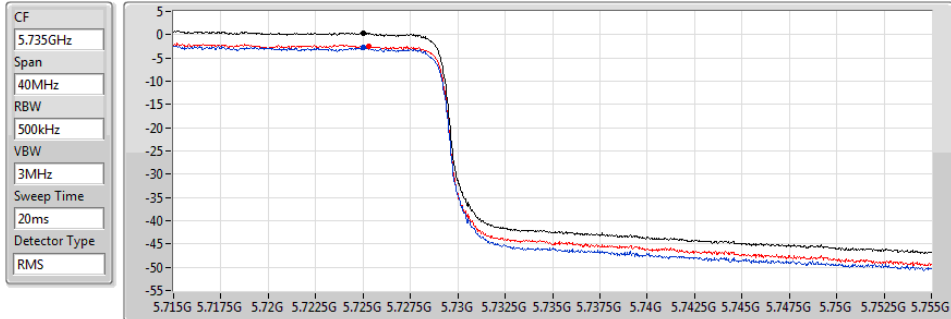
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.32	2.32	-1.00	-0.20

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

23/02/2020



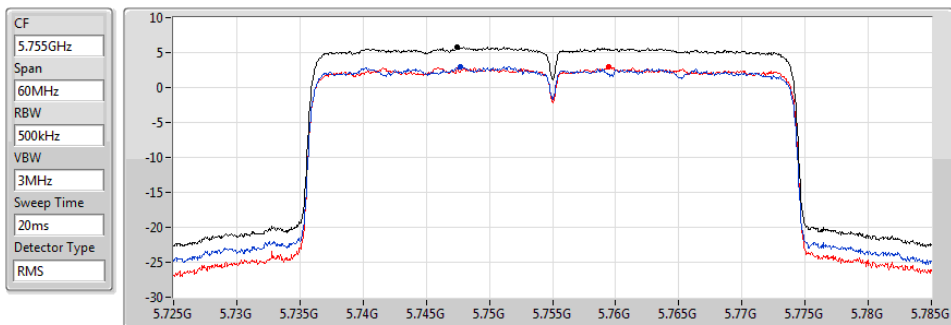
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.30	0.30	-2.67	-2.53

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

23/02/2020



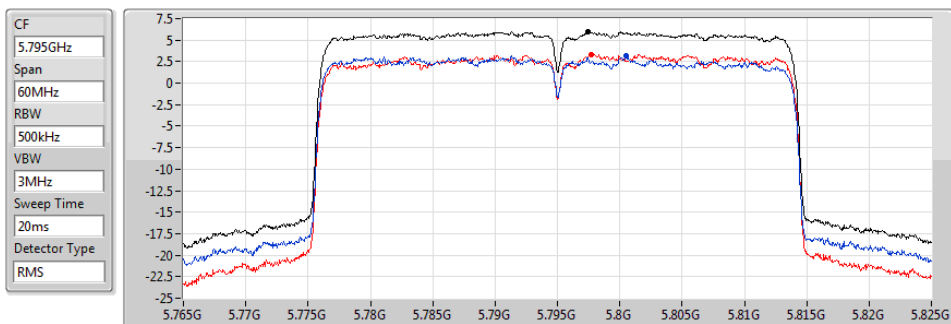
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.75	5.75	2.92	2.92

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

23/02/2020



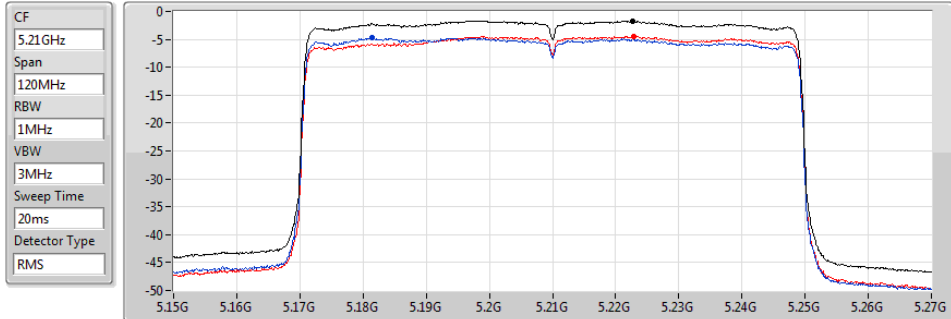
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.01	6.01	3.16	3.30

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

23/02/2020



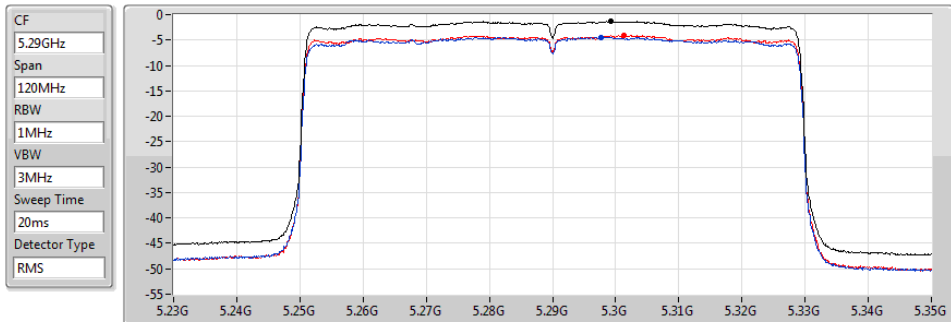
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.69	-1.69	-4.67	-4.48

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5290MHz

23/02/2020



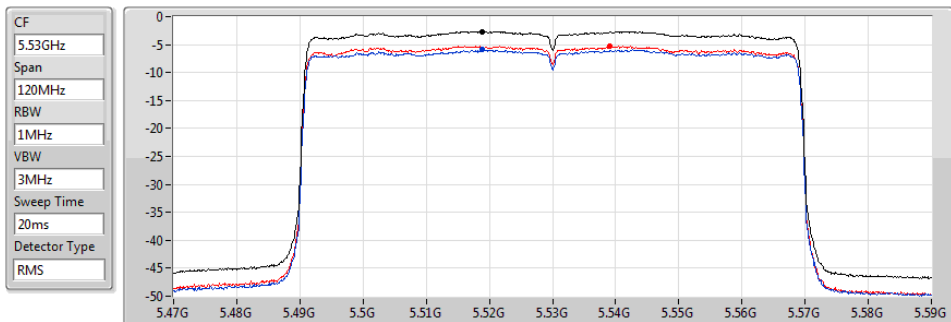
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.36	-1.36	-4.41	-4.13

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5530MHz

23/02/2020



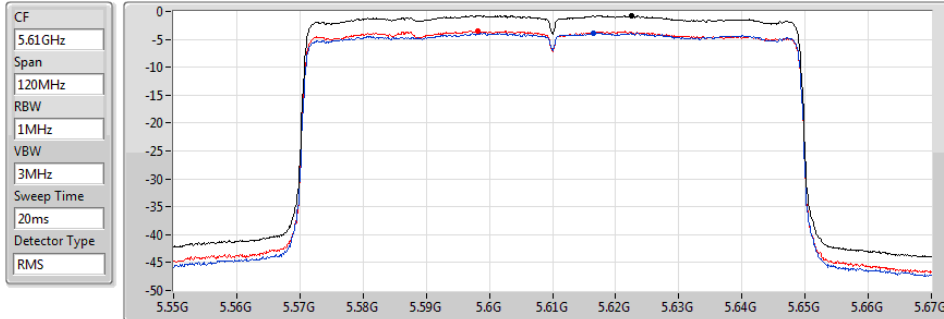
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.67	-2.67	-5.92	-5.30

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5610MHz

23/02/2020



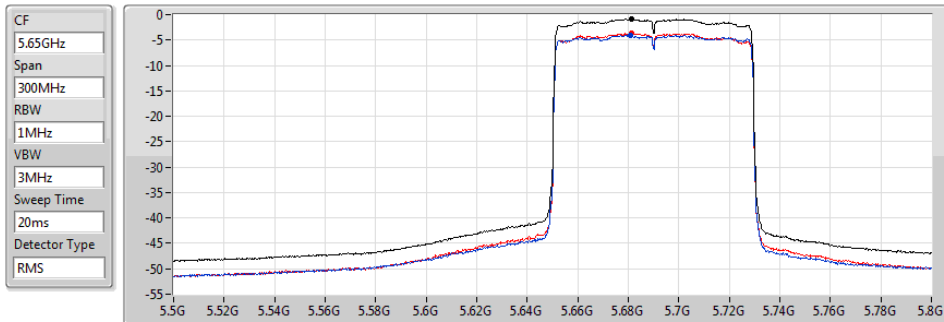
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.74	-0.74	-3.82	-3.47

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

23/02/2020



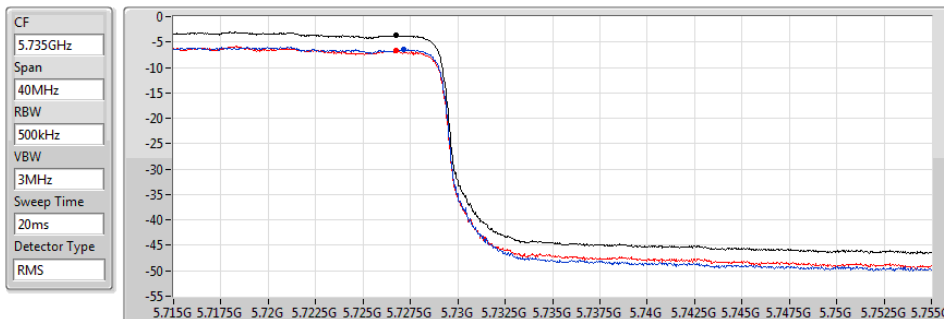
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.82	-0.82	-3.99	-3.60

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

23/02/2020



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.70	-3.70	-6.54	-6.73

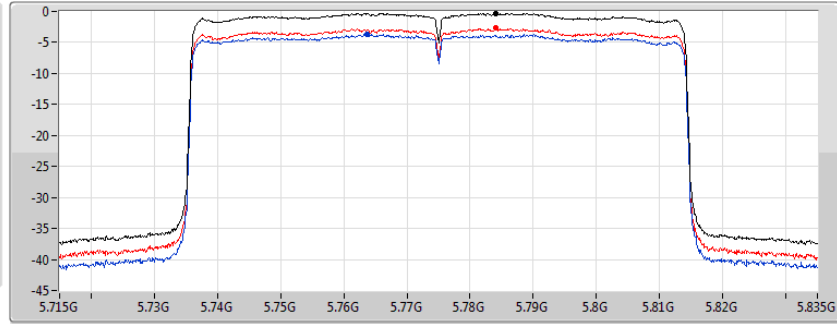
802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

23/02/2020

CF
5.775GHz
Span
120MHz
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)
-0.28	-0.28	-3.72	-2.72



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	7.38	21.09
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	5.09	18.80
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-3.07	10.64
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	8.23	21.94
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	5.05	18.76
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-2.94	10.77
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	1.50	15.21
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-0.97	12.74
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-3.97	9.74
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	2.33	16.04
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-0.97	12.74
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-3.95	9.76
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	1.55	15.26
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-0.45	13.26
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-3.79	9.92
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	2.41	16.12
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-0.43	13.28
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-3.57	10.14
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	5.70	19.41
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	1.50	15.21
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-1.59	12.12
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	6.72	20.43
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	3.85	17.56
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-1.64	12.07

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)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	13.71	2.95	2.20	5.52	9.29	19.23	23.00
5200MHz	Pass	13.71	4.60	3.77	7.11	9.29	20.82	23.00
5240MHz	Pass	13.71	4.85	3.95	7.38	9.29	21.09	23.00
5260MHz	Pass	13.71	-1.51	-1.81	1.27	3.29	14.98	17.00
5300MHz	Pass	13.71	-1.35	-1.60	1.50	3.29	15.21	17.00
5320MHz	Pass	13.71	-1.76	-1.86	1.16	3.29	14.87	17.00
5500MHz	Pass	13.71	-1.92	-1.72	1.16	3.29	14.87	17.00
5580MHz	Pass	13.71	-1.37	-1.59	1.47	3.29	15.18	17.00
5700MHz	Pass	13.71	-1.55	-1.76	1.28	3.29	14.99	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	13.71	-1.29	-1.58	1.55	3.29	15.26	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	13.71	-3.55	-3.34	-0.46	22.29	13.25	36.00
5745MHz	Pass	13.71	2.47	2.79	5.54	22.29	19.25	36.00
5785MHz	Pass	13.71	2.62	3.12	5.70	22.29	19.41	36.00
5825MHz	Pass	13.71	2.75	2.49	5.42	22.29	19.13	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	13.71	-1.52	-2.45	0.94	9.29	14.65	23.00
5230MHz	Pass	13.71	2.47	1.72	5.09	9.29	18.80	23.00
5270MHz	Pass	13.71	-3.92	-4.38	-1.25	3.29	12.46	17.00
5310MHz	Pass	13.71	-3.77	-3.93	-0.97	3.29	12.74	17.00
5510MHz	Pass	13.71	-3.93	-3.98	-1.05	3.29	12.66	17.00
5550MHz	Pass	13.71	-3.59	-3.68	-0.74	3.29	12.97	17.00
5670MHz	Pass	13.71	-5.77	-6.70	-3.42	3.29	10.29	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	13.71	-3.31	-3.41	-0.45	3.29	13.26	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	13.71	-5.15	-5.55	-2.38	22.29	11.33	36.00
5755MHz	Pass	13.71	-2.01	-1.74	0.96	22.29	14.67	36.00
5795MHz	Pass	13.71	-0.80	-1.59	1.50	22.29	15.21	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	13.71	-5.69	-6.27	-3.07	9.29	10.64	23.00
5290MHz	Pass	13.71	-6.73	-7.08	-3.97	3.29	9.74	17.00
5530MHz	Pass	13.71	-6.91	-7.03	-4.03	3.29	9.68	17.00
5610MHz	Pass	13.71	-6.75	-7.13	-4.01	3.29	9.70	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	13.71	-6.66	-6.86	-3.79	3.29	9.92	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	13.71	-9.05	-9.37	-6.26	22.29	7.45	36.00
5775MHz	Pass	13.71	-4.58	-4.44	-1.59	22.29	12.12	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	13.71	3.86	3.05	6.43	9.29	20.14	23.00
5200MHz	Pass	13.71	5.61	5.01	8.23	9.29	21.94	23.00
5240MHz	Pass	13.71	5.64	4.76	8.15	9.29	21.86	23.00
5260MHz	Pass	13.71	-0.63	-0.96	2.12	3.29	15.83	17.00
5300MHz	Pass	13.71	-0.52	-0.75	2.27	3.29	15.98	17.00
5320MHz	Pass	13.71	-0.57	-0.67	2.33	3.29	16.04	17.00
5500MHz	Pass	13.71	-0.85	-0.82	2.14	3.29	15.85	17.00
5580MHz	Pass	13.71	-0.69	-0.56	2.34	3.29	16.05	17.00



PSD_
Beamforming Indoor Sample 2 Radio 2 Panel 1 2T1S

Appendix D.18

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5700MHz	Pass	13.71	-0.51	-0.63	2.38	3.29	16.09	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	13.71	-0.48	-0.60	2.41	3.29	16.12	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	13.71	-2.26	-2.34	0.65	22.29	14.36	36.00
5745MHz	Pass	13.71	3.22	3.68	6.43	22.29	20.14	36.00
5785MHz	Pass	13.71	3.60	3.91	6.72	22.29	20.43	36.00
5825MHz	Pass	13.71	3.54	3.59	6.53	22.29	20.24	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	13.71	-1.38	-2.20	1.15	9.29	14.86	23.00
5230MHz	Pass	13.71	2.58	1.69	5.05	9.29	18.76	23.00
5270MHz	Pass	13.71	-3.81	-4.27	-1.09	3.29	12.62	17.00
5310MHz	Pass	13.71	-3.84	-4.02	-0.97	3.29	12.74	17.00
5510MHz	Pass	13.71	-3.72	-3.81	-0.84	3.29	12.87	17.00
5550MHz	Pass	13.71	-3.34	-3.50	-0.43	3.29	13.28	17.00
5670MHz	Pass	13.71	-3.59	-3.80	-0.77	3.29	12.94	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	13.71	-3.69	-4.14	-1.00	3.29	12.71	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	13.71	-4.93	-5.52	-2.38	22.29	11.33	36.00
5755MHz	Pass	13.71	0.92	1.30	3.85	22.29	17.56	36.00
5795MHz	Pass	13.71	0.78	0.69	3.55	22.29	17.26	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	13.71	-5.55	-6.20	-2.94	9.29	10.77	23.00
5290MHz	Pass	13.71	-6.61	-7.02	-3.95	3.29	9.76	17.00
5530MHz	Pass	13.71	-6.93	-6.93	-4.02	3.29	9.69	17.00
5610MHz	Pass	13.71	-6.71	-7.01	-3.90	3.29	9.81	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	13.71	-6.39	-6.55	-3.57	3.29	10.14	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	13.71	-9.03	-9.27	-6.14	22.29	7.57	36.00
5775MHz	Pass	13.71	-4.98	-4.29	-1.64	22.29	12.07	36.00

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

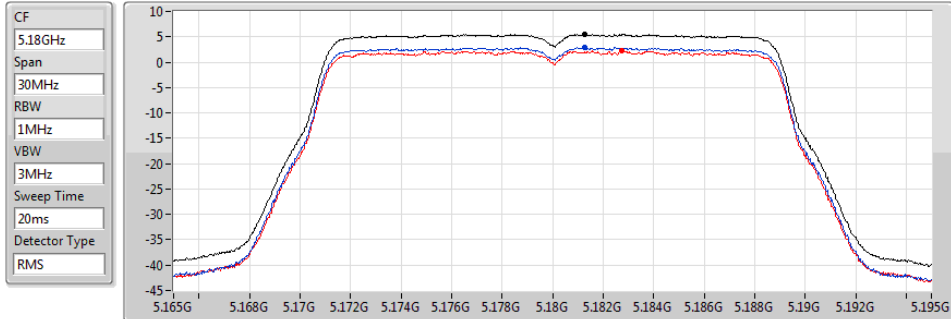
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

24/02/2020



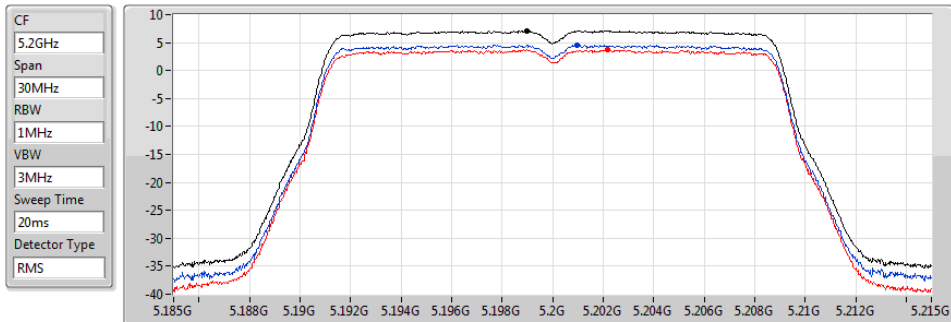
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.52	5.52	2.95	2.20

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

24/02/2020



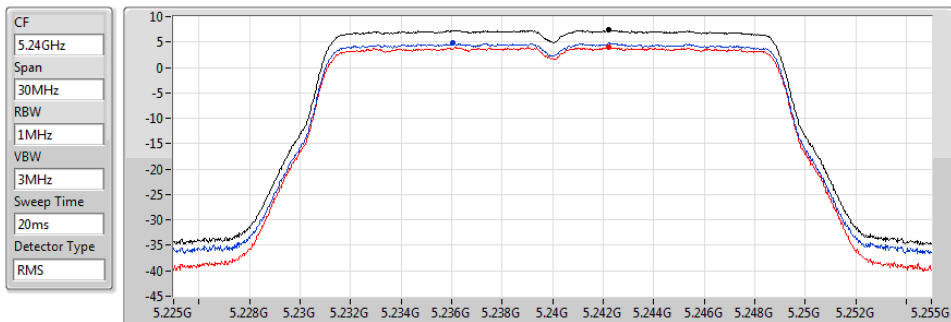
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.11	7.11	4.60	3.77

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

24/02/2020



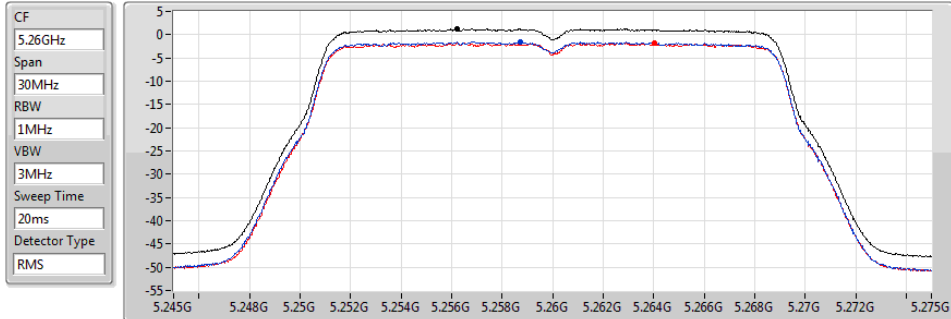
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.38	7.38	4.85	3.95

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

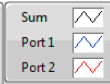
PSD

5260MHz

24/02/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.27	1.27	-1.51	-1.81

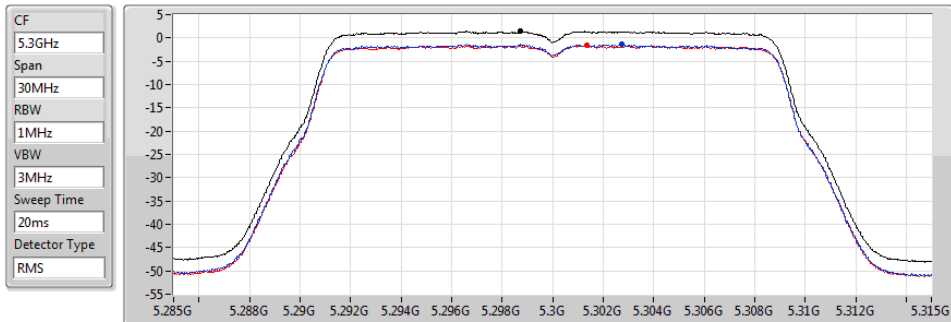


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

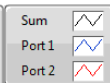
PSD

5300MHz

24/02/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.50	1.50	-1.35	-1.60

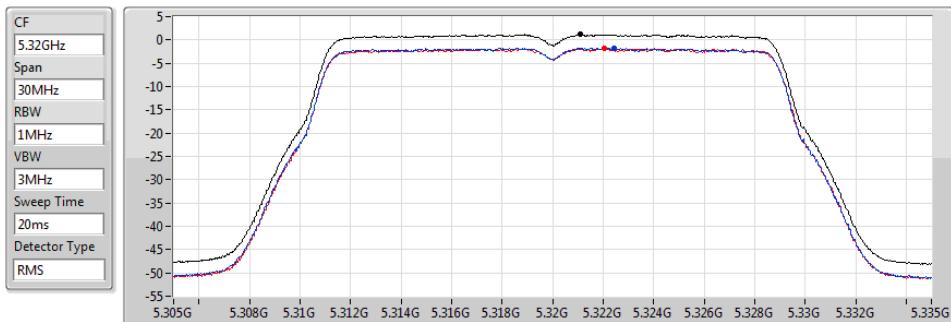


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

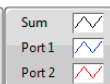
PSD

5320MHz

24/02/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.16	1.16	-1.76	-1.86

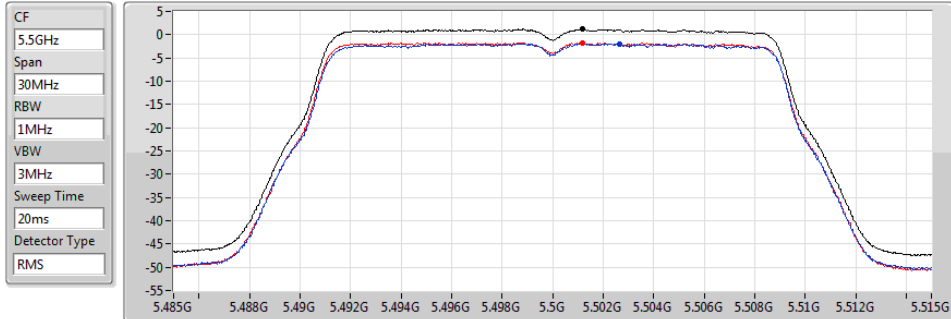


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5500MHz

24/02/2020



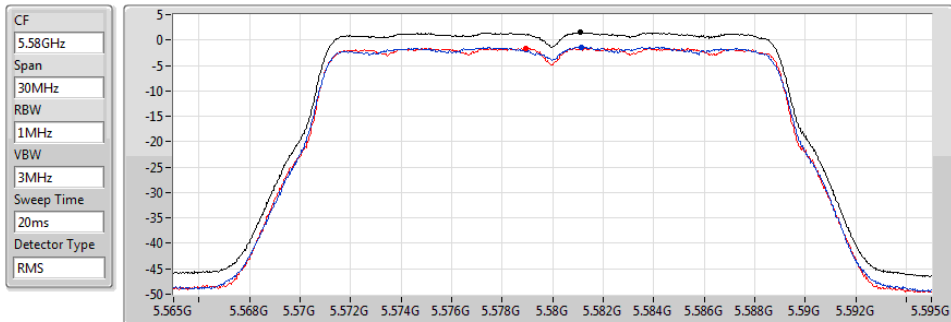
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.16	1.16	-1.92	-1.72

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5580MHz

24/02/2020



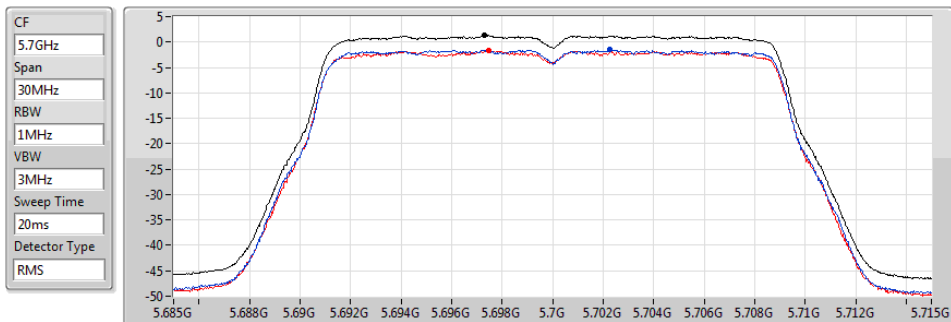
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.47	1.47	-1.37	-1.59

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5700MHz

24/02/2020



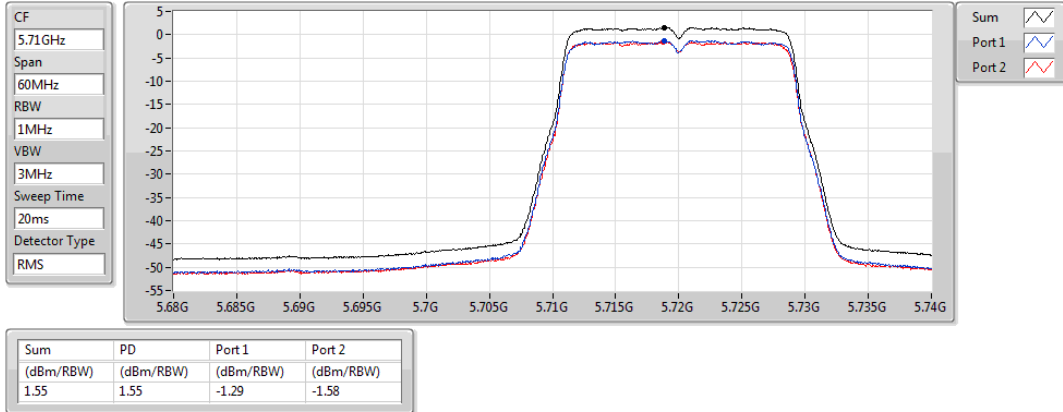
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.28	1.28	-1.55	-1.76

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

24/02/2020

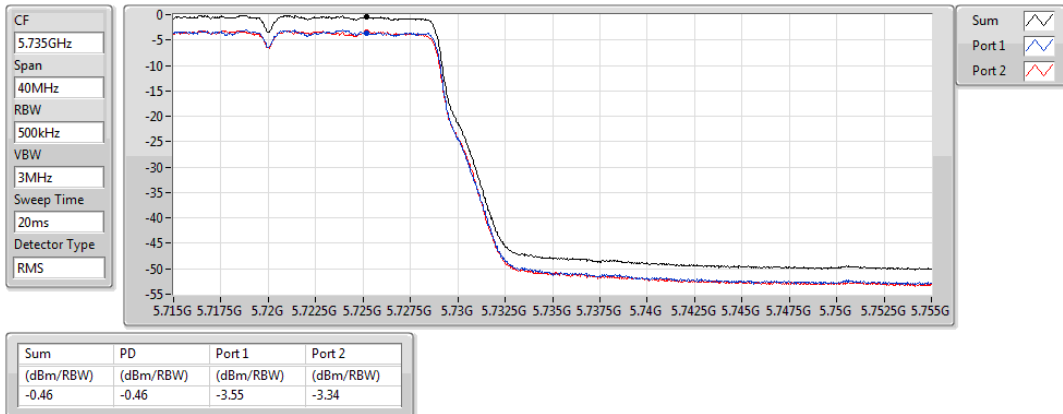


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

24/02/2020

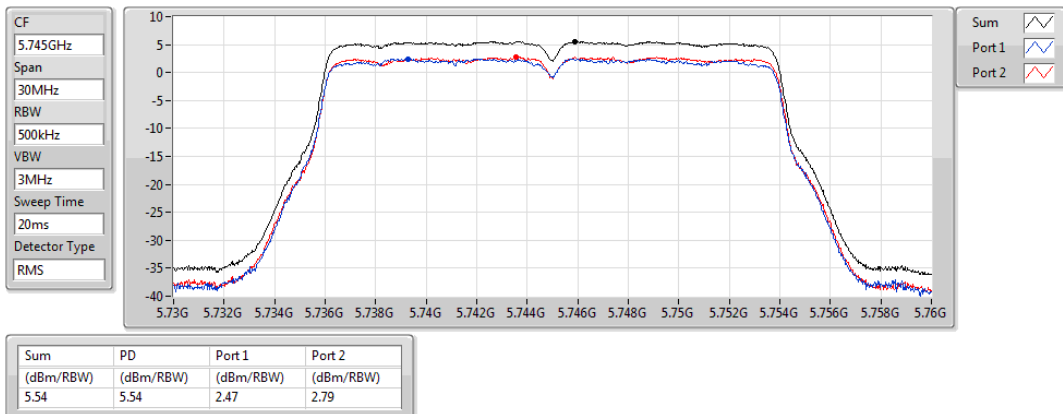


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

24/02/2020

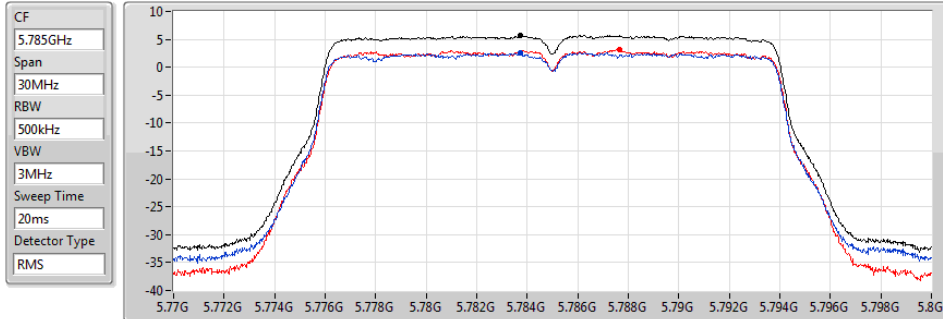


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

24/02/2020



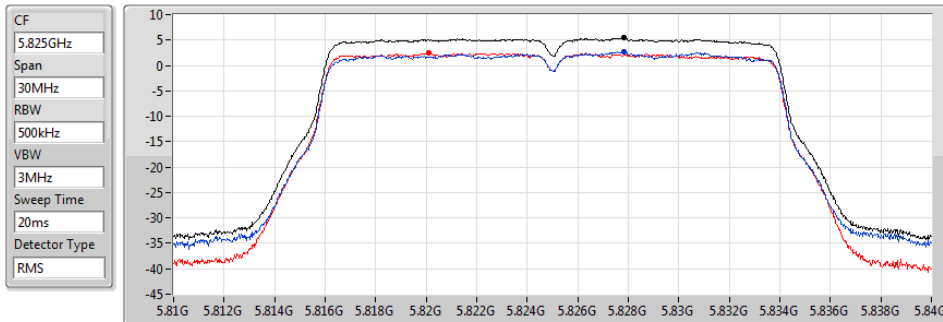
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.70	5.70	2.62	3.12

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

24/02/2020



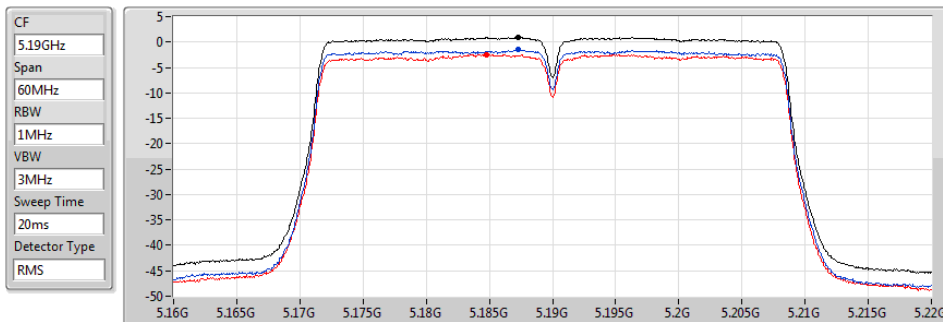
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.42	5.42	2.75	2.49

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

24/02/2020



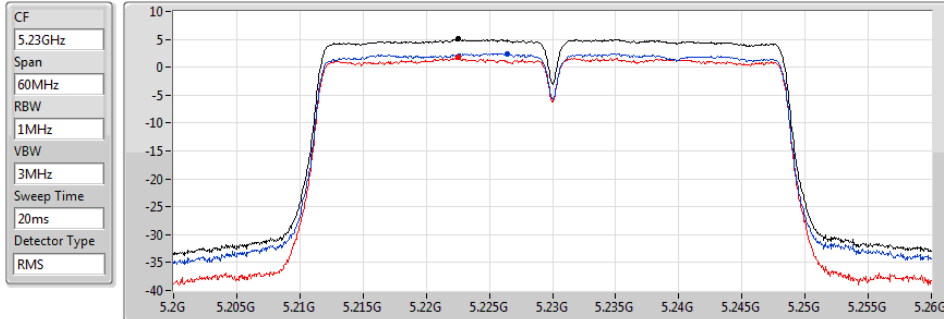
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.94	0.94	-1.52	-2.45

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

24/02/2020



Sum
Port 1
Port 2

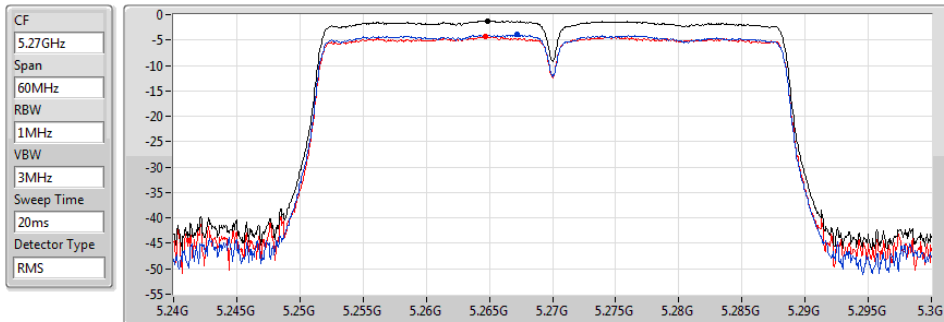
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.09	5.09	2.47	1.72

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5270MHz

24/02/2020



Sum
Port 1
Port 2

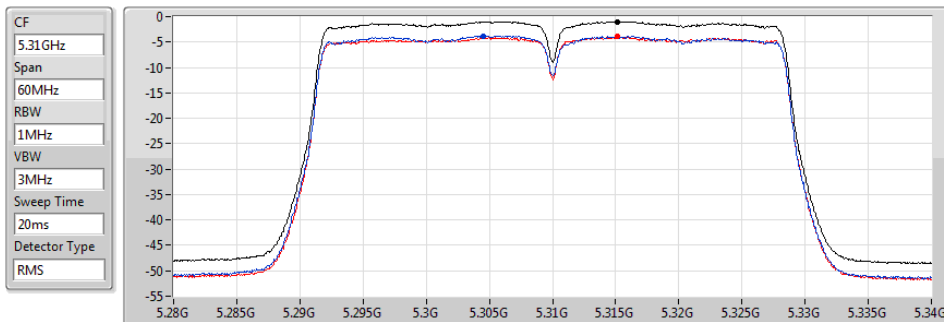
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.25	-1.25	-3.92	-4.38

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5310MHz

24/02/2020



Sum
Port 1
Port 2

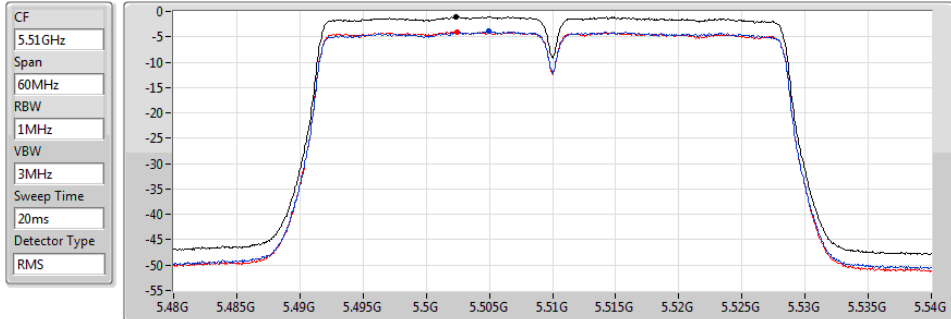
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.97	-0.97	-3.77	-3.93

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5510MHz

24/02/2020



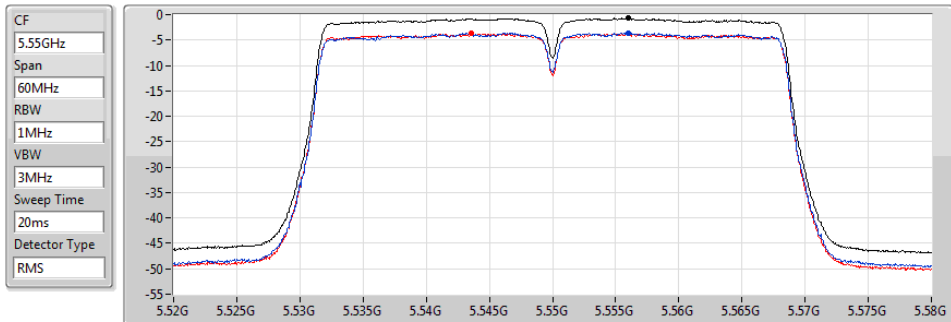
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-1.05	-1.05	-3.93	-3.98

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5550MHz

24/02/2020



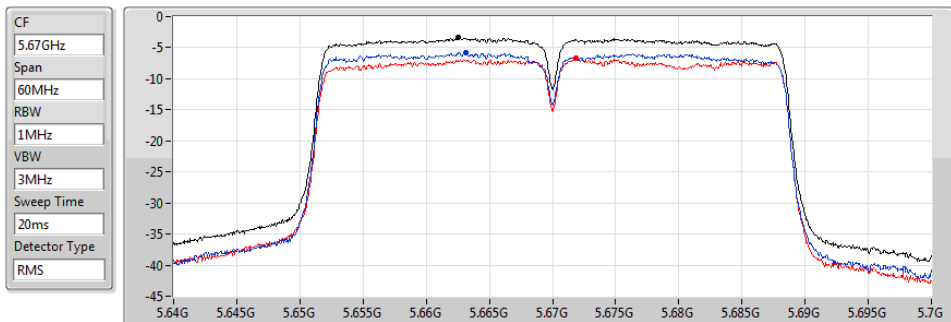
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-0.74	-0.74	-3.59	-3.68

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5670MHz

24/02/2020



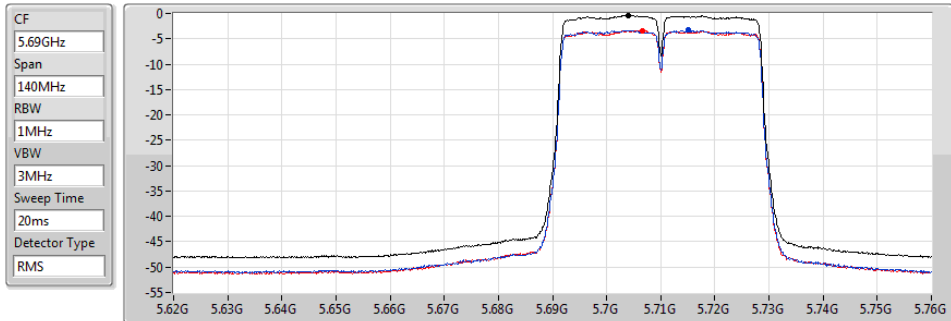
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-3.42	-3.42	-5.77	-6.70

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

24/02/2020



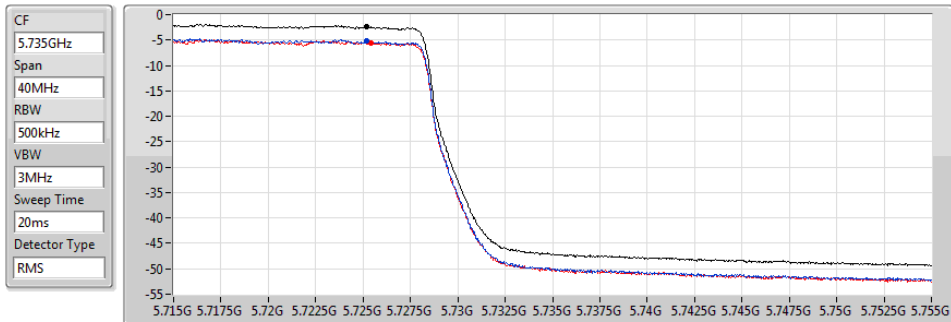
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.45	-0.45	-3.31	-3.41

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

24/02/2020



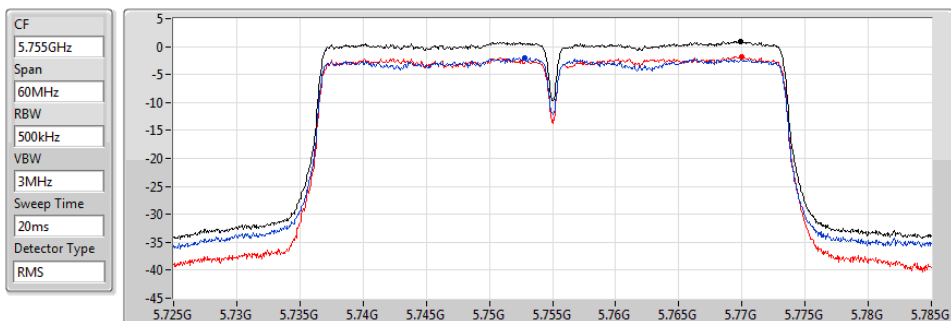
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.38	-2.38	-5.15	-5.55

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

24/02/2020



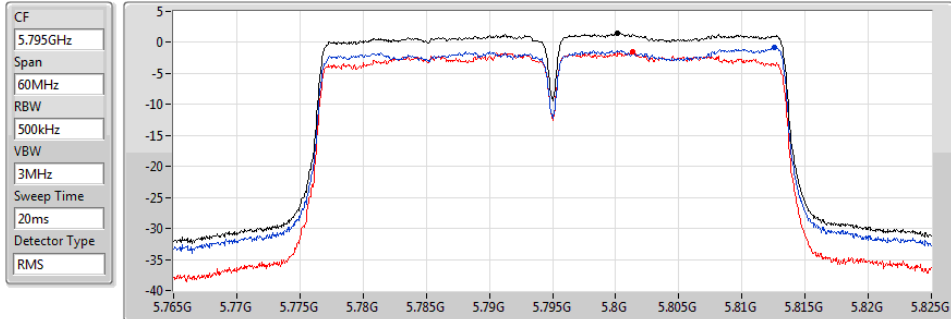
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.96	0.96	-2.01	-1.74

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

24/02/2020



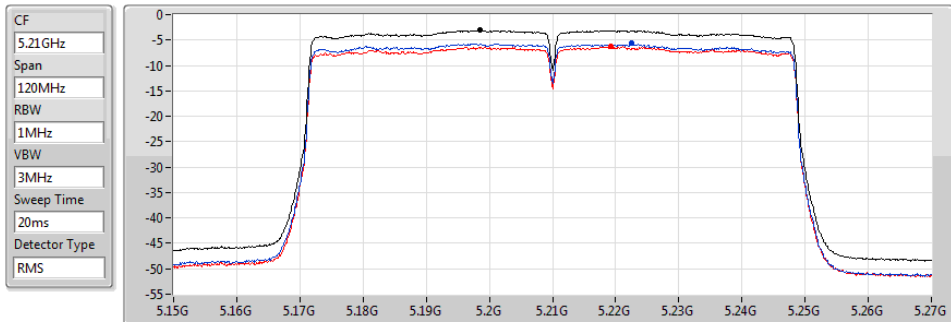
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.50	1.50	-0.80	-1.59

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

24/02/2020



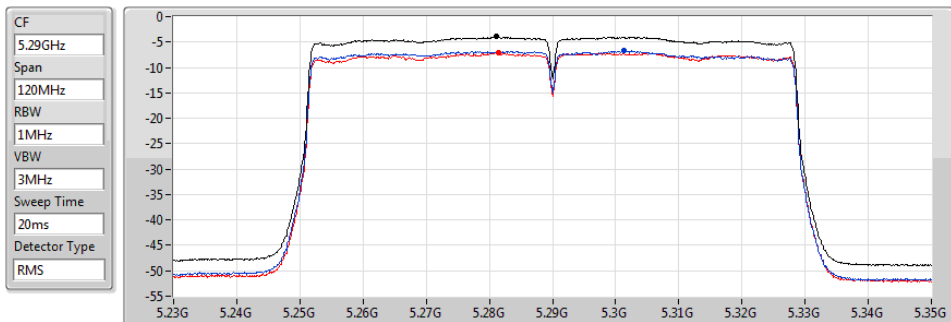
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.07	-3.07	-5.69	-6.27

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5290MHz

25/02/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.97	-3.97	-6.73	-7.08