



Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	14.02	-9.42	-8.91	-8.56	-9.01	-3.21	2.98	10.81	17.00
5530MHz	Pass	14.02	-8.93	-8.73	-8.96	-8.77	-3.20	2.98	10.82	17.00
5610MHz	Pass	14.02	-8.41	-7.42	-7.95	-7.59	-2.19	2.98	11.83	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	14.02	-9.09	-8.52	-8.89	-8.61	-3.12	2.98	10.90	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	14.02	-11.42	-12.83	-11.48	-12.23	-6.27	21.98	7.75	36.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	14.02	-11.34	-10.88	-10.70	-11.45	-5.67	8.98	8.35	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	14.02	-11.10	-10.67	-11.48	-10.83	-5.41	2.98	8.61	17.00
5570MHz	Pass	14.02	-10.53	-9.39	-9.85	-9.77	-4.63	2.98	9.39	17.00

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

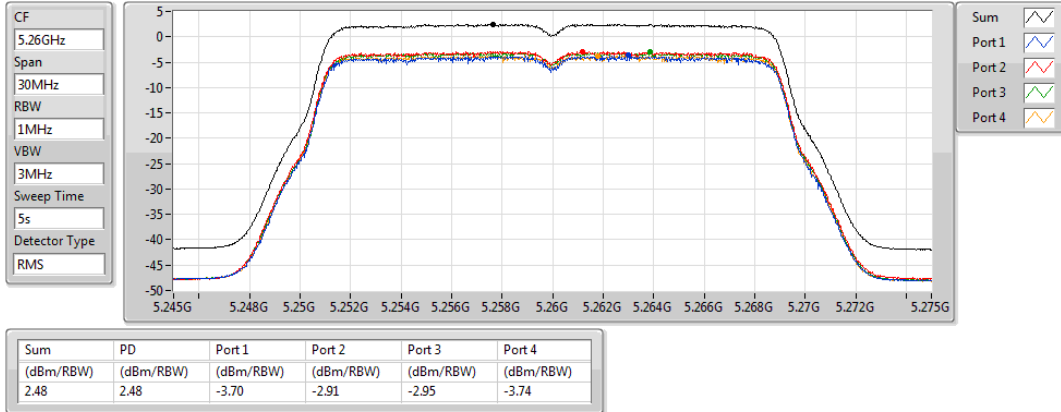
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5260MHz

03/12/2019

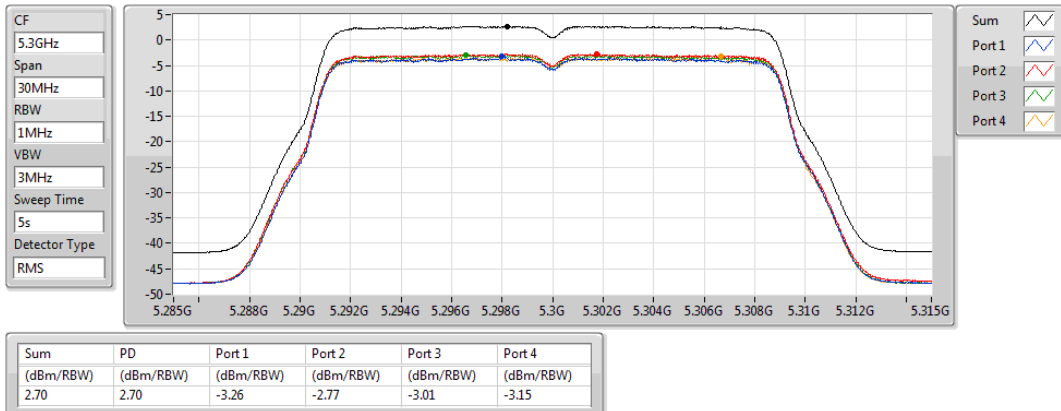


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5300MHz

03/12/2019

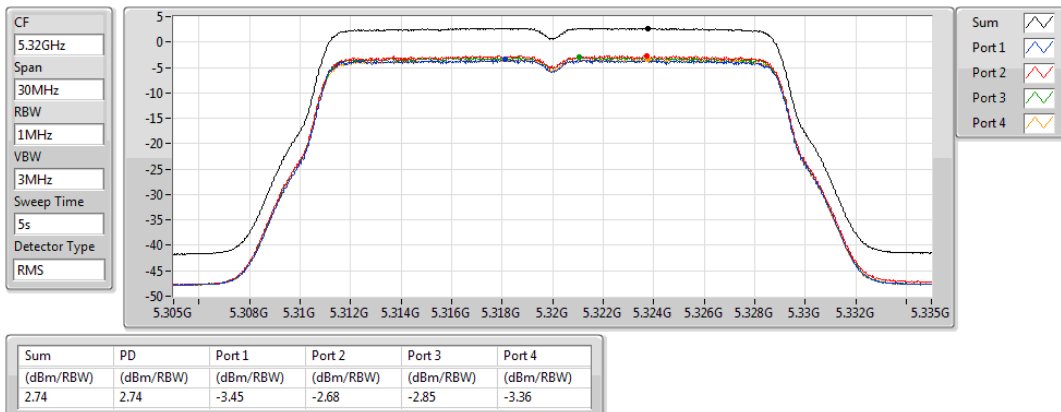


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5320MHz

03/12/2019

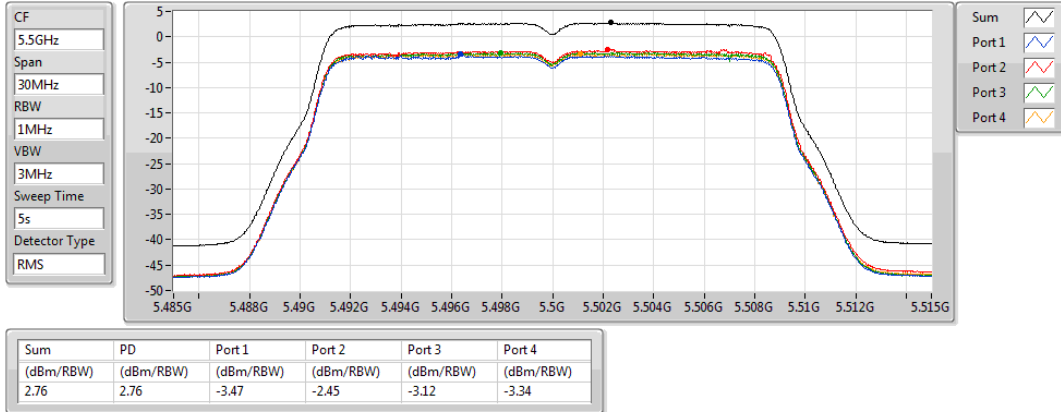


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5500MHz

04/12/2019

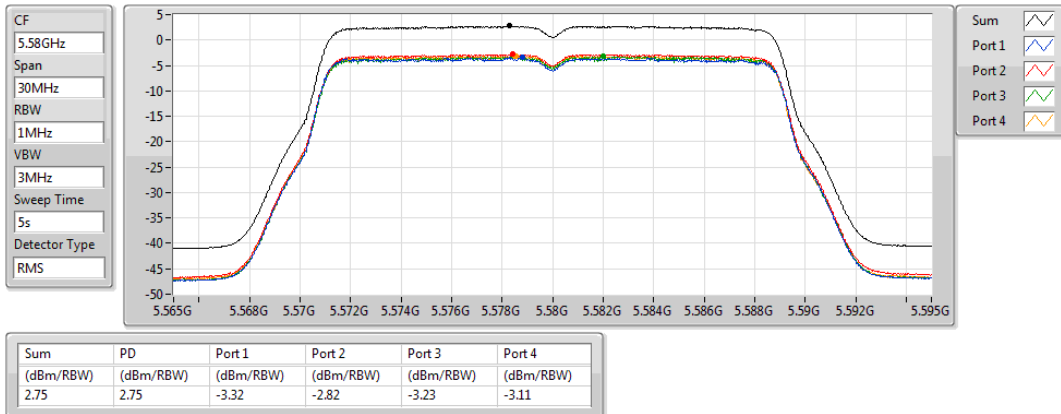


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5580MHz

03/12/2019

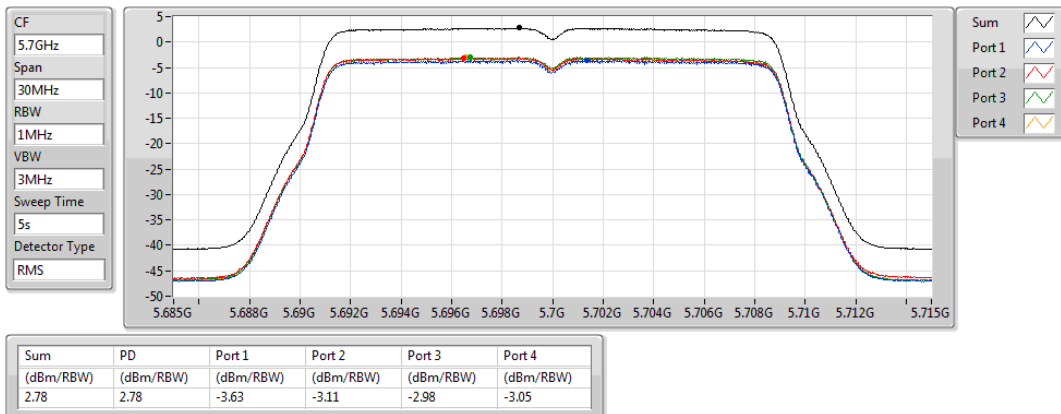


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5700MHz

03/12/2019

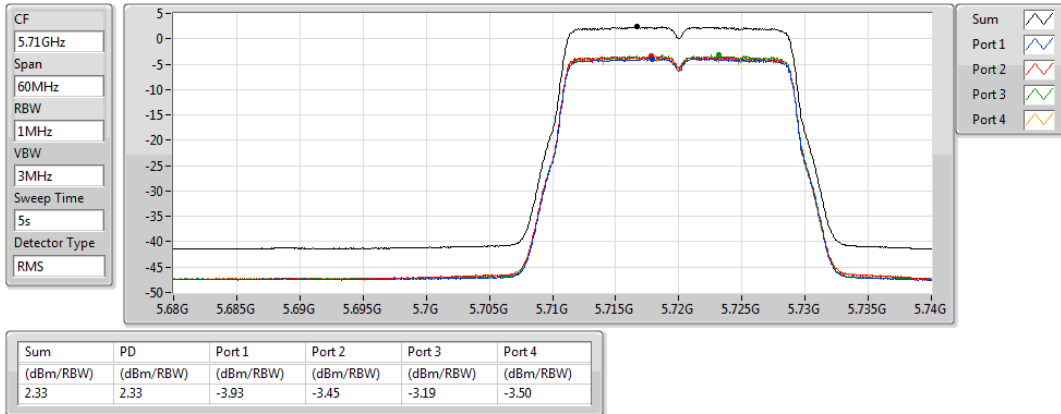


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

03/12/2019

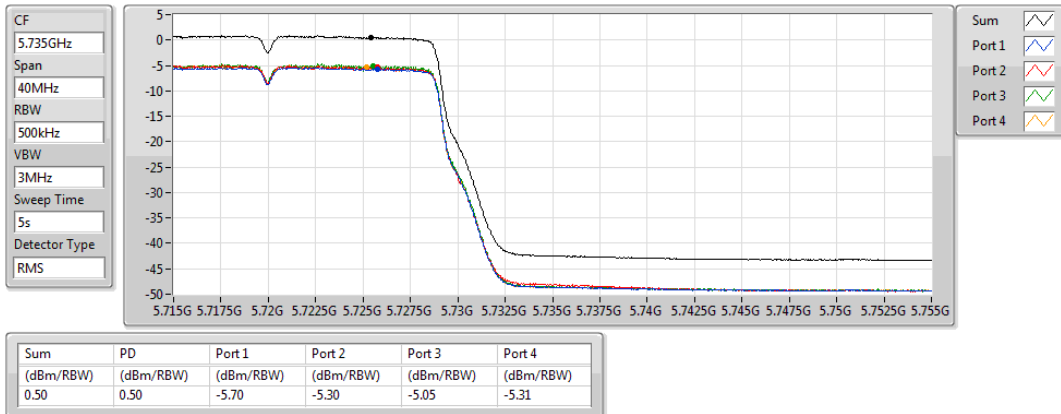


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

03/12/2019

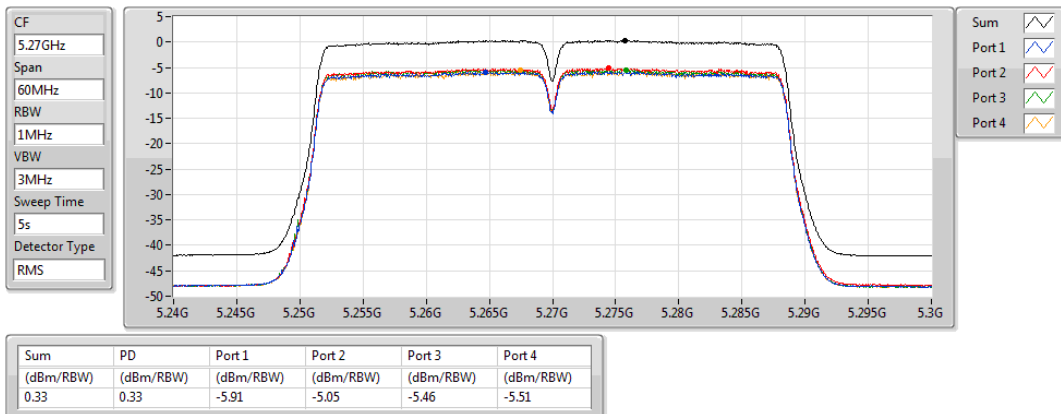


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5270MHz

03/12/2019

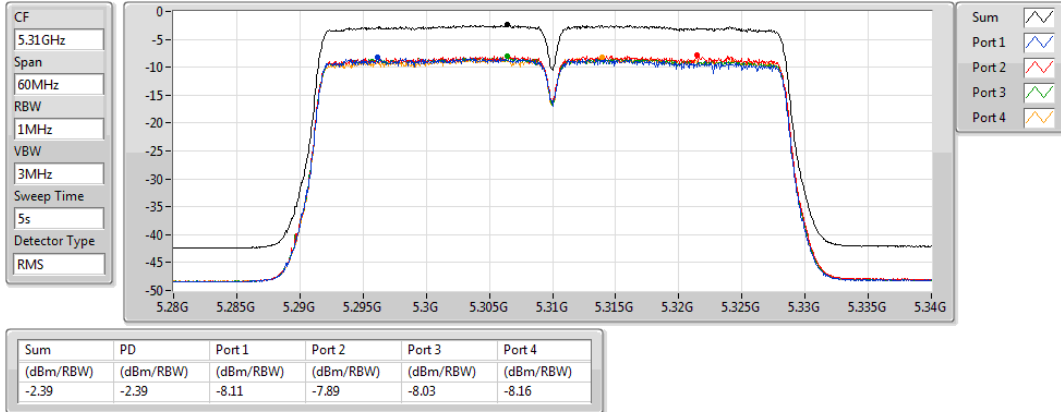


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5310MHz

03/12/2019

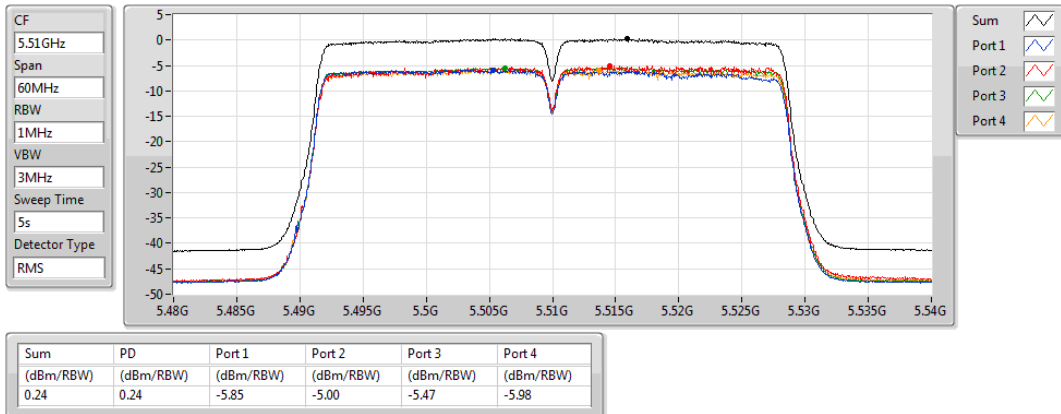


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5510MHz

03/12/2019

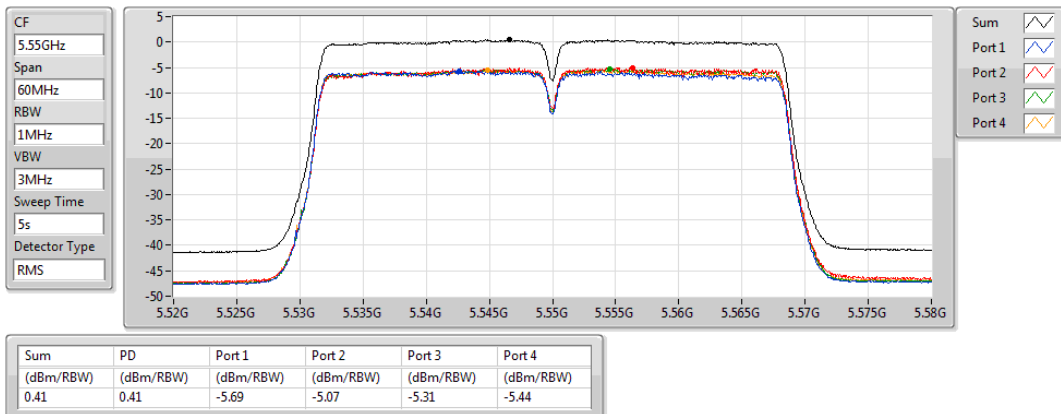


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5550MHz

03/12/2019

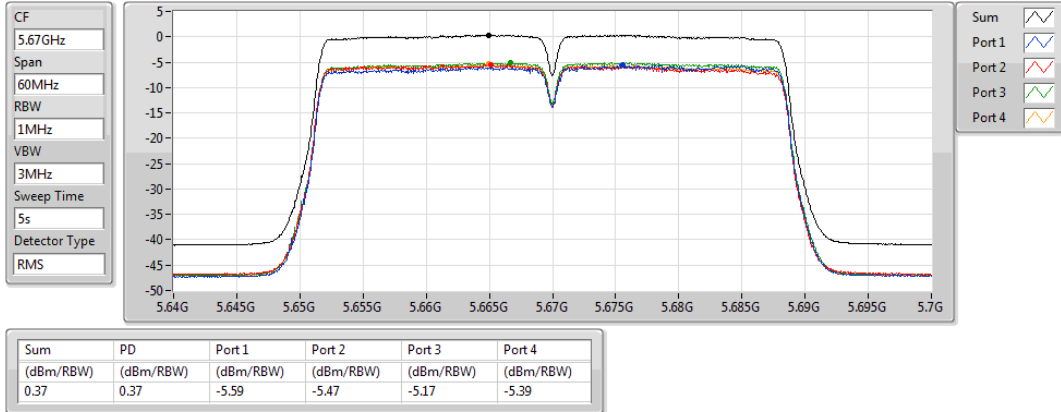


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5670MHz

03/12/2019

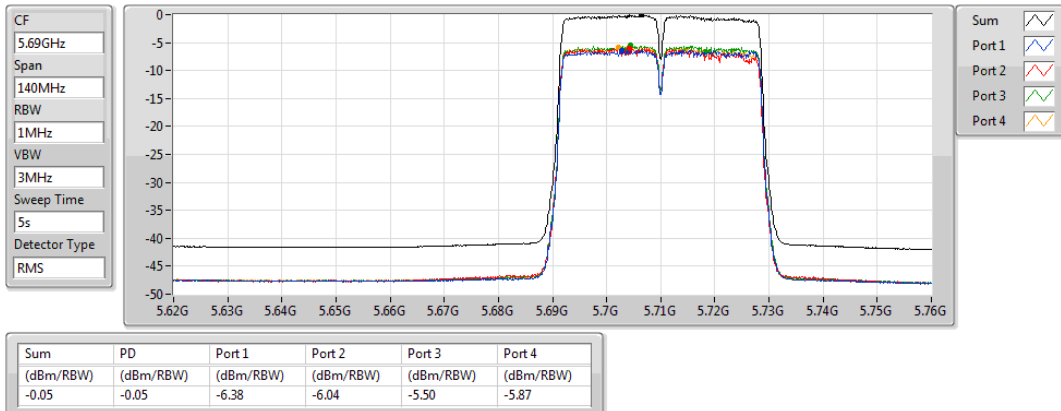


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

03/12/2019

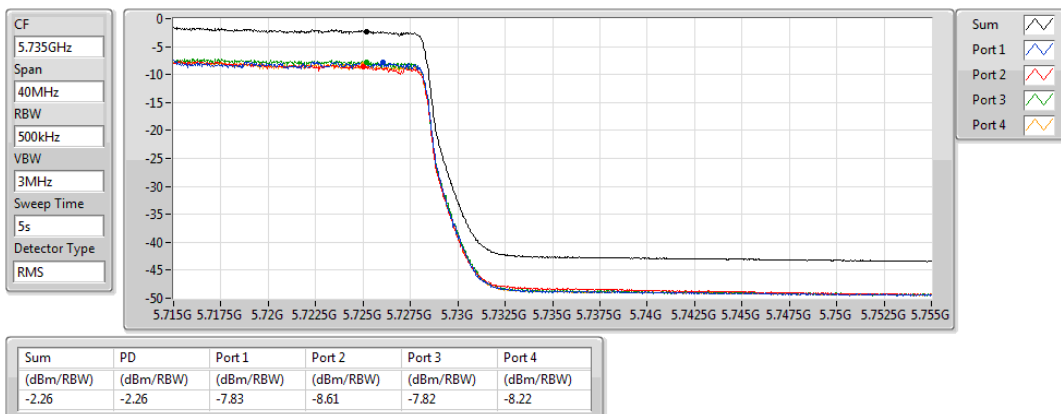


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

03/12/2019

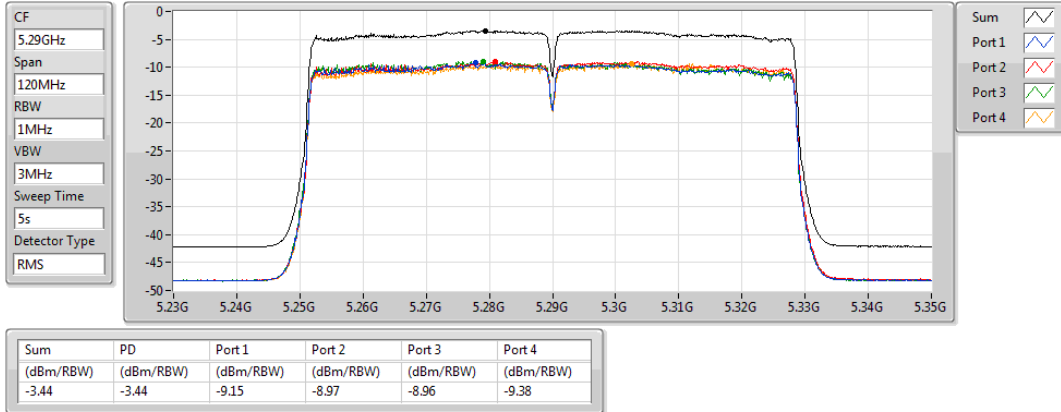


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz

03/12/2019

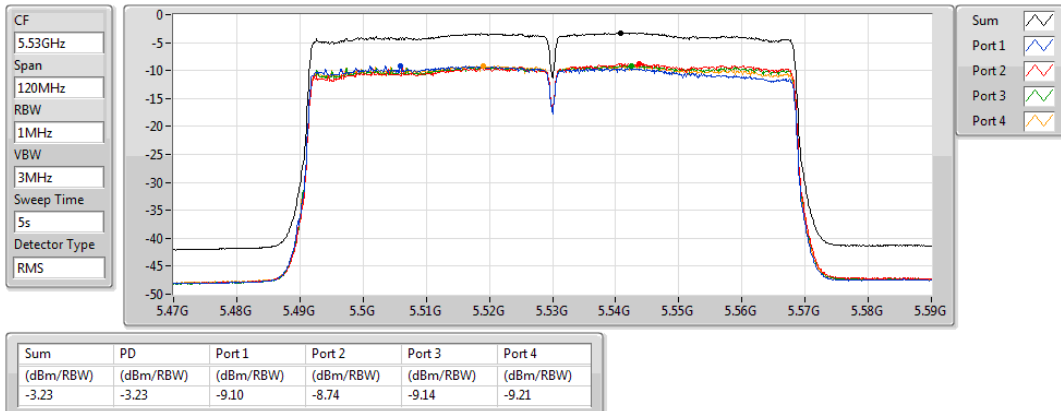


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5530MHz

03/12/2019

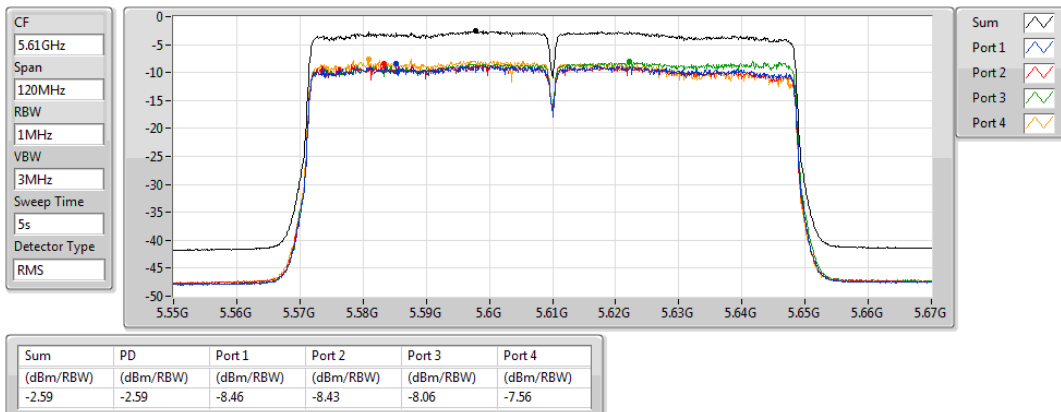


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5610MHz

03/12/2019

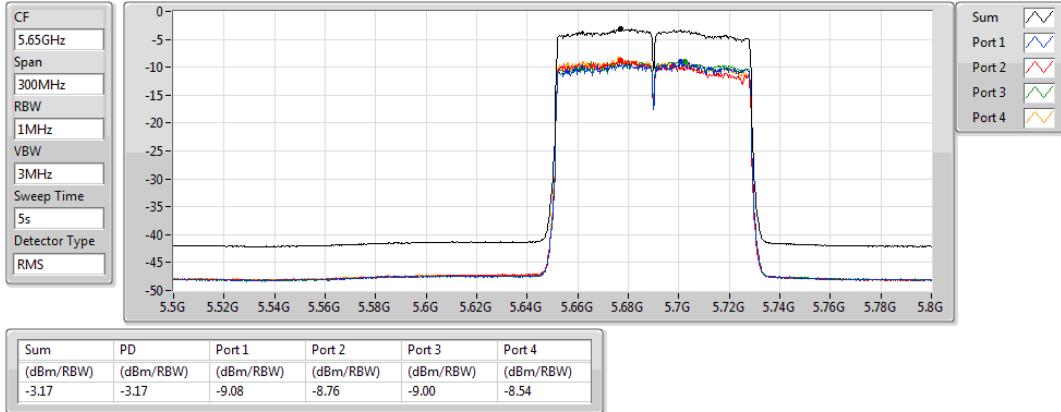


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

04/12/2019

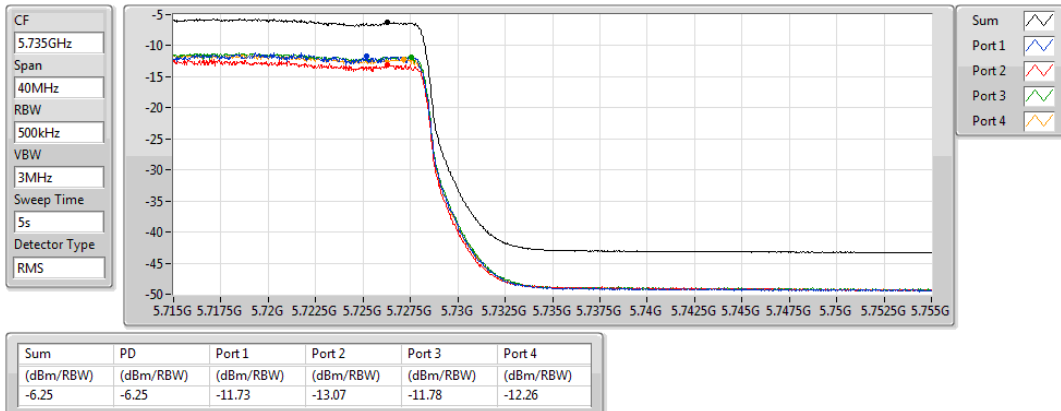


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

04/12/2019

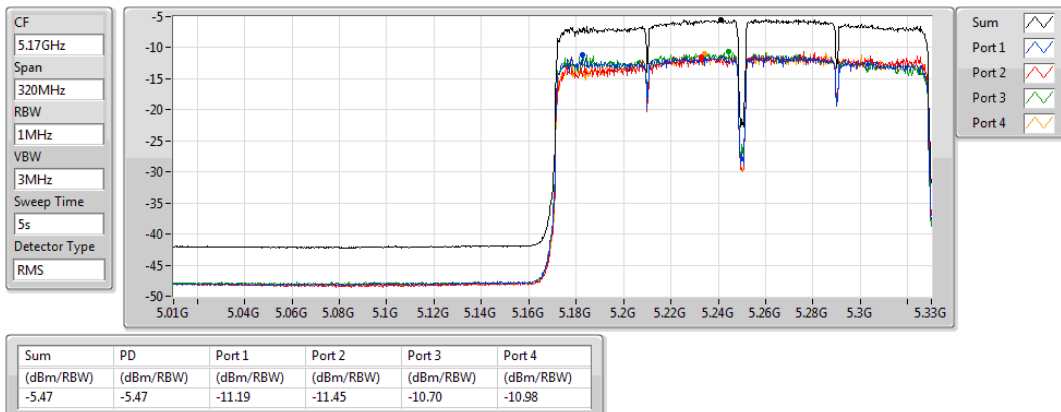


802.11ac VHT160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

04/12/2019

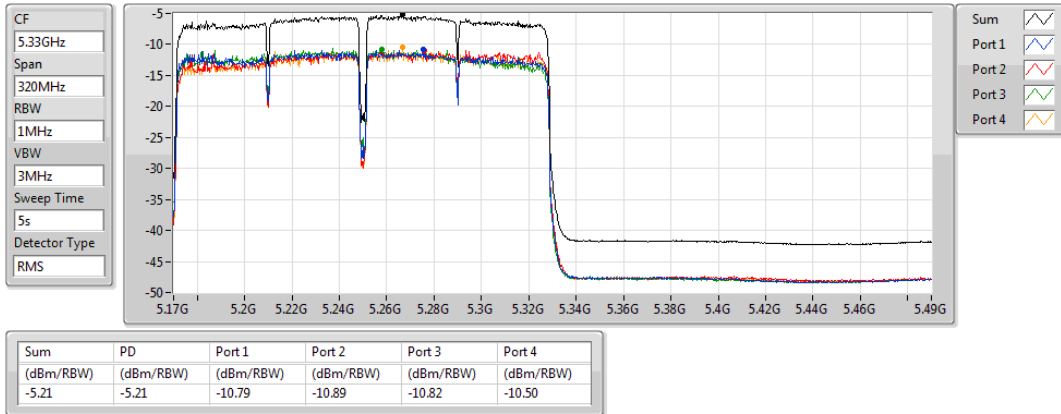


802.11ac VHT160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

04/12/2019

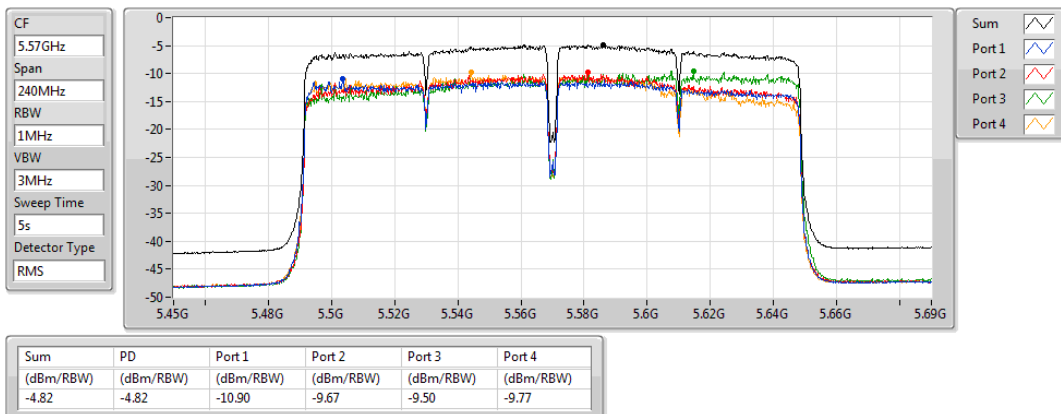


802.11ac VHT160-BF_Nss1,(MCS0)_4TX

PSD

5570MHz

04/12/2019

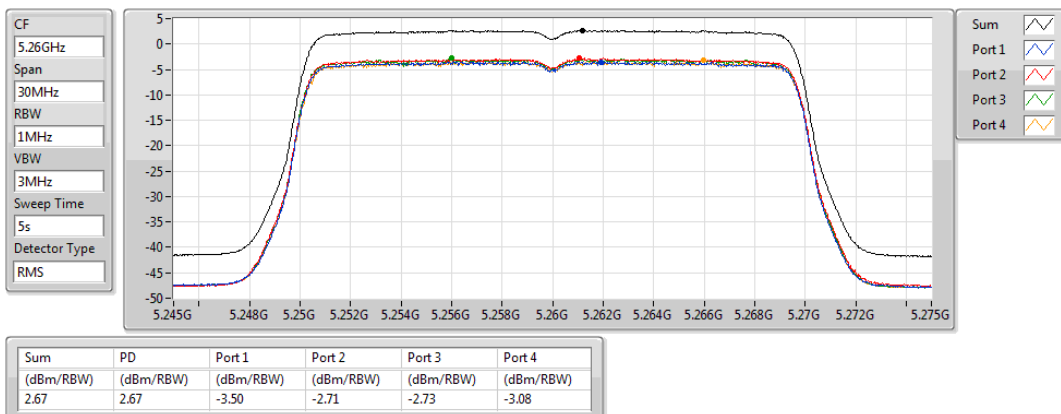


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5260MHz

03/12/2019

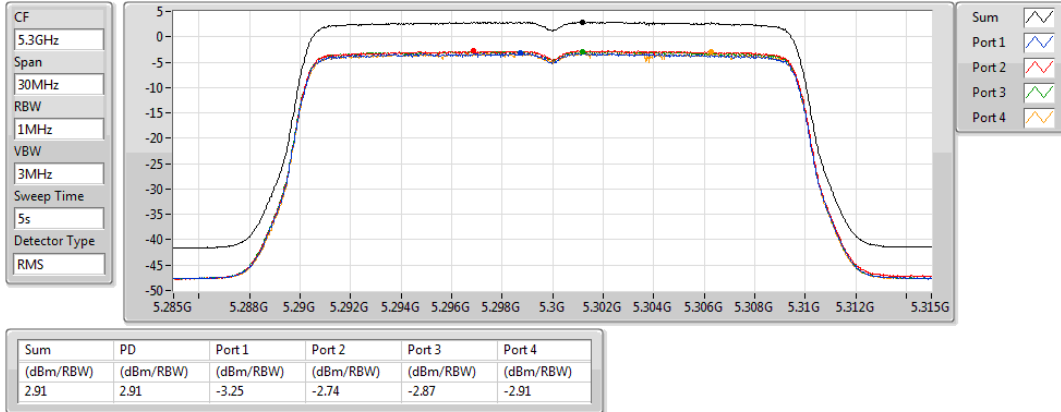


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5300MHz

03/12/2019

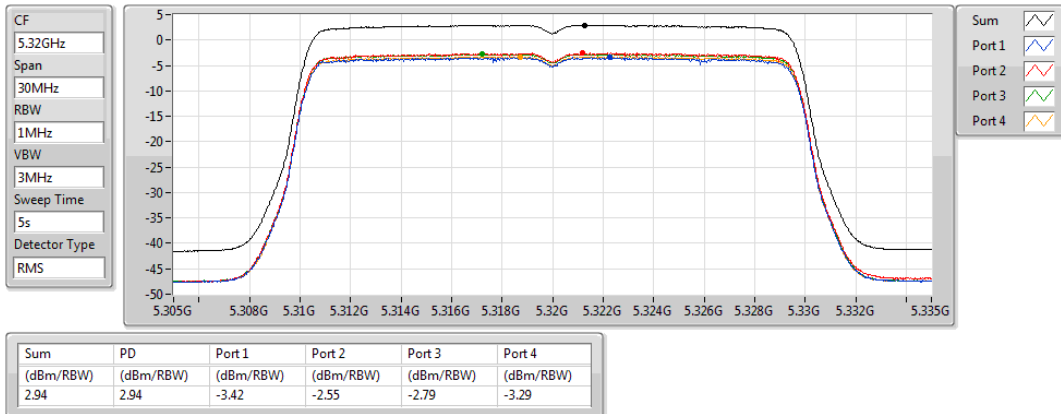


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5320MHz

03/12/2019

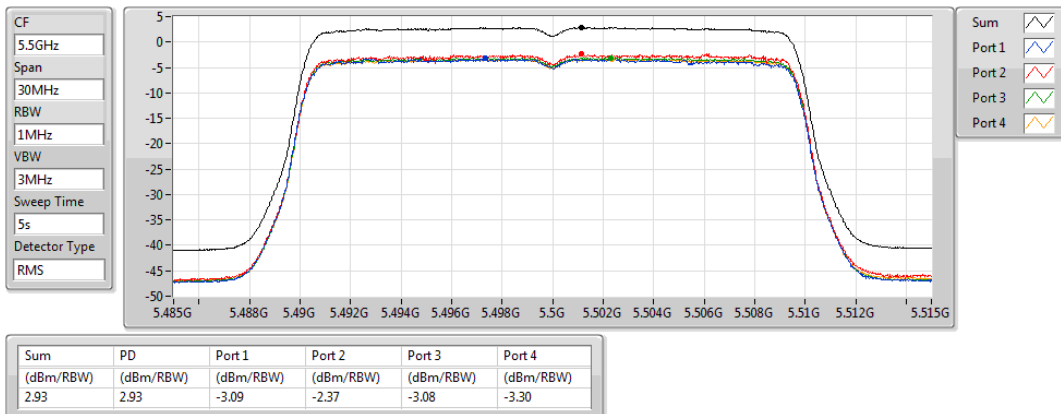


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5500MHz

03/12/2019

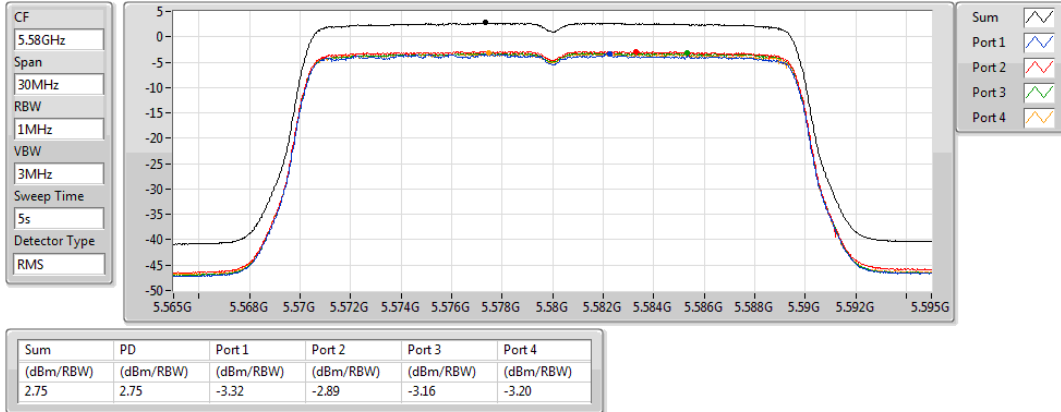


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5580MHz

03/12/2019

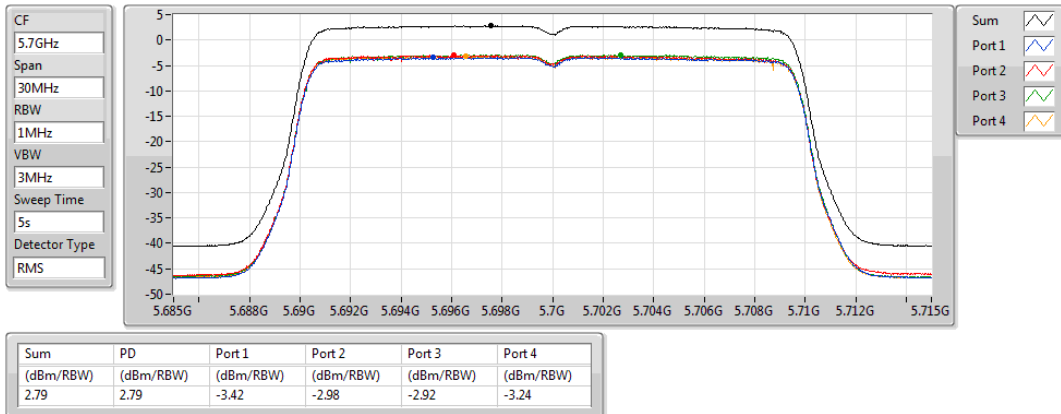


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5700MHz

03/12/2019

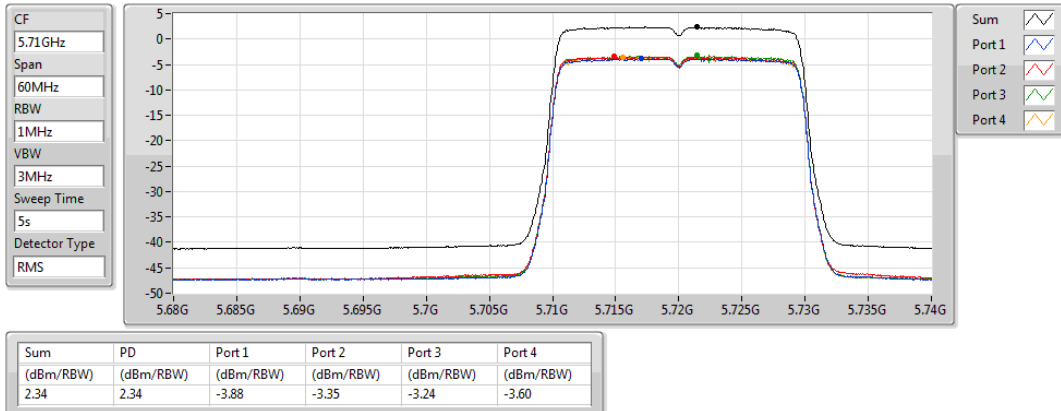


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

03/12/2019

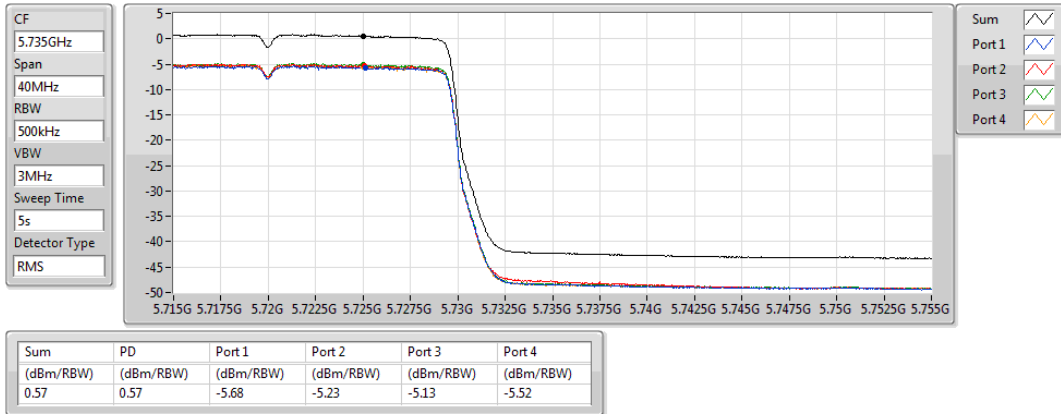


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

03/12/2019

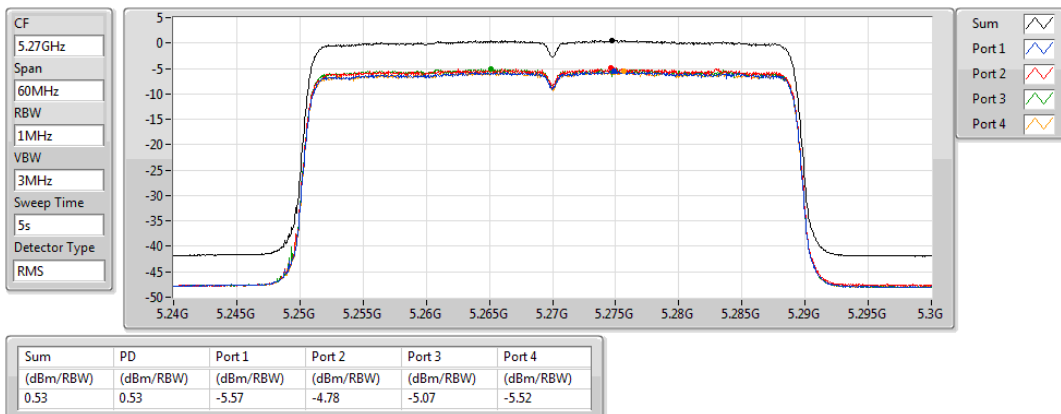


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5270MHz

03/12/2019

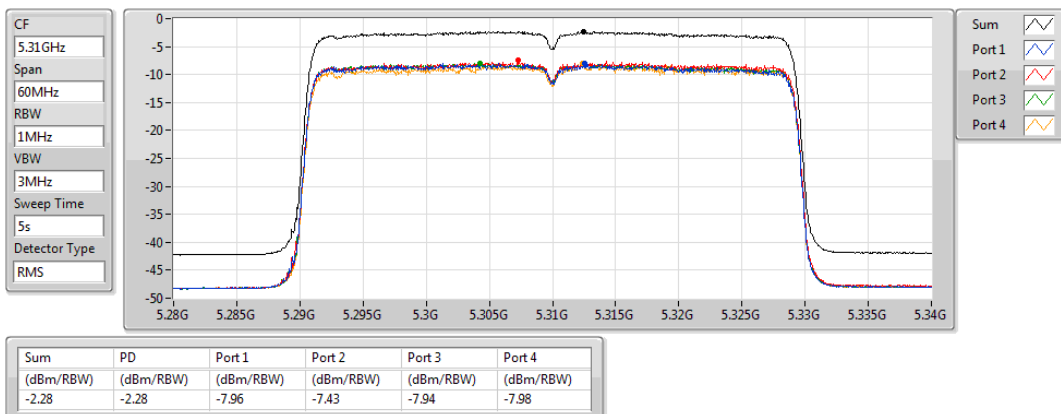


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5310MHz

03/12/2019

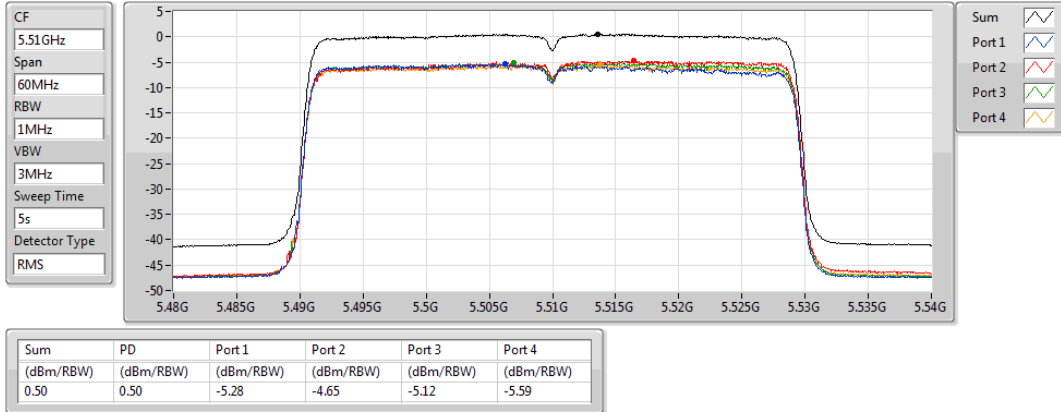


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5510MHz

03/12/2019

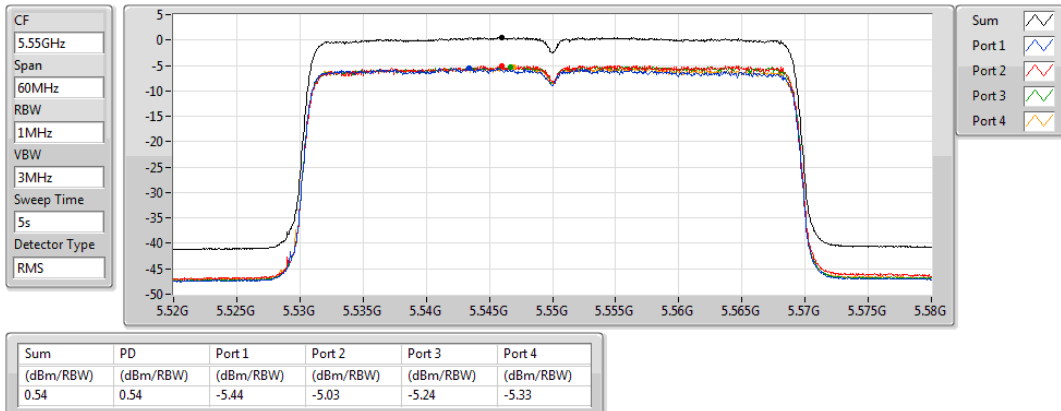


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5550MHz

03/12/2019

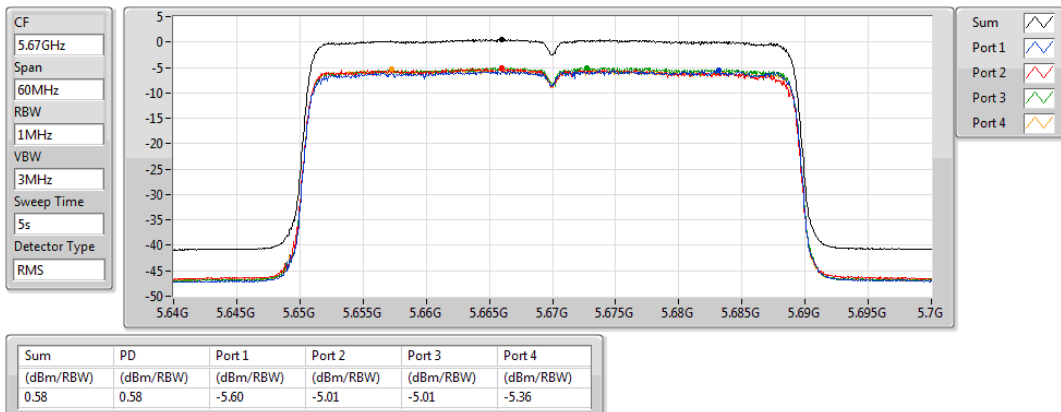


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5670MHz

03/12/2019

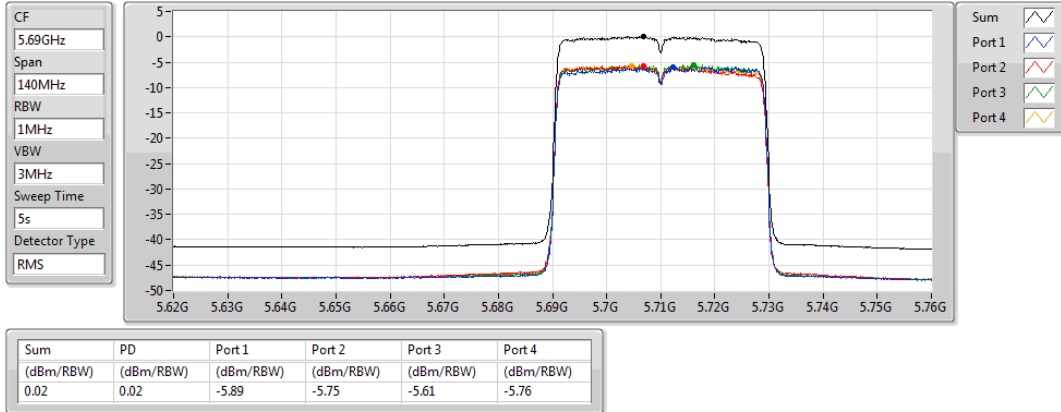


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

03/12/2019

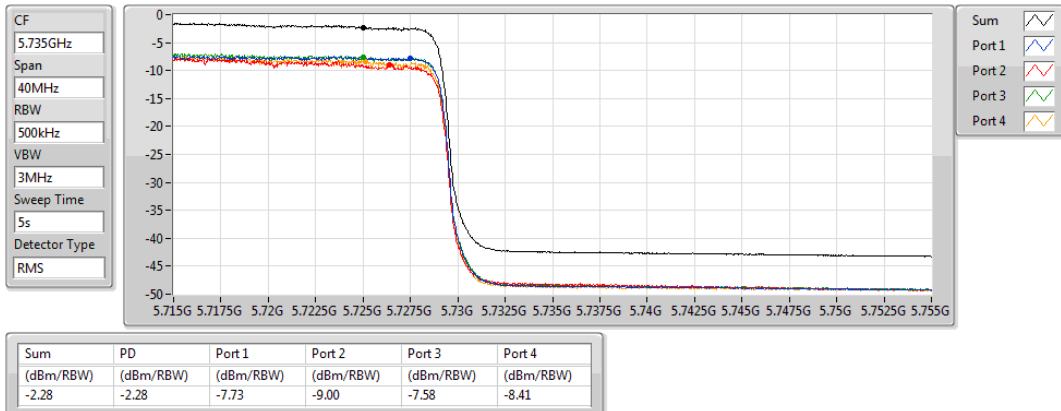


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

03/12/2019

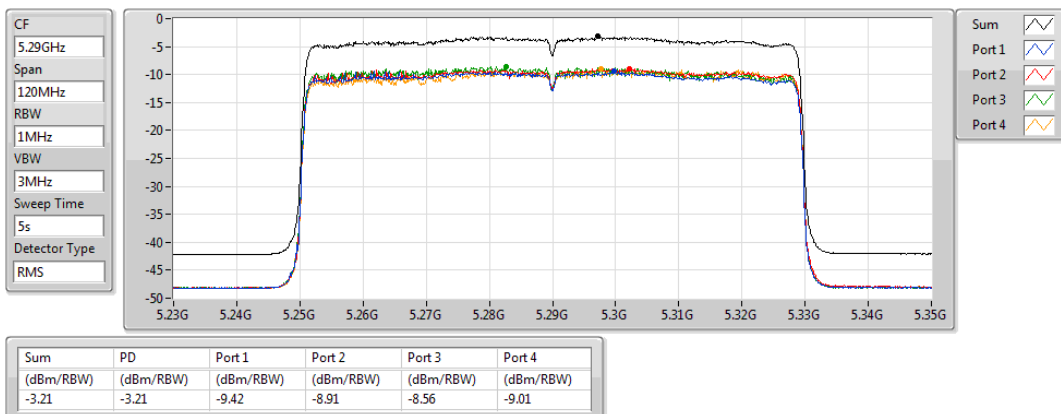


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz

03/12/2019

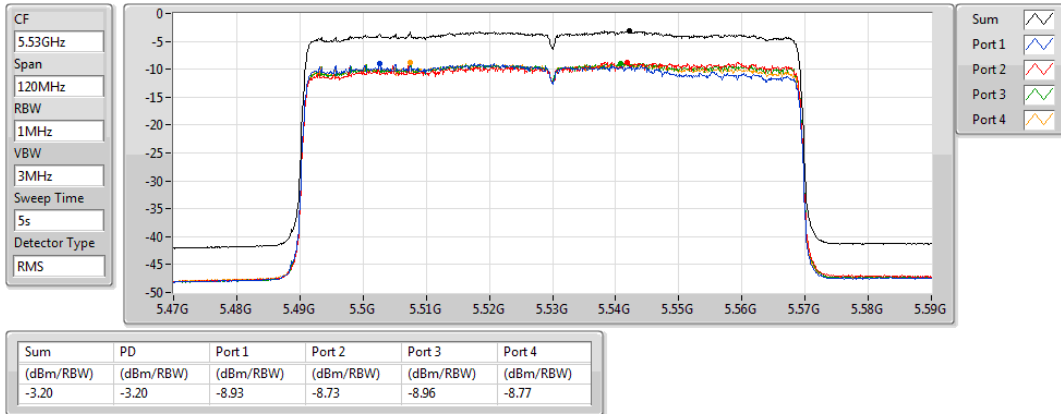


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5530MHz

03/12/2019

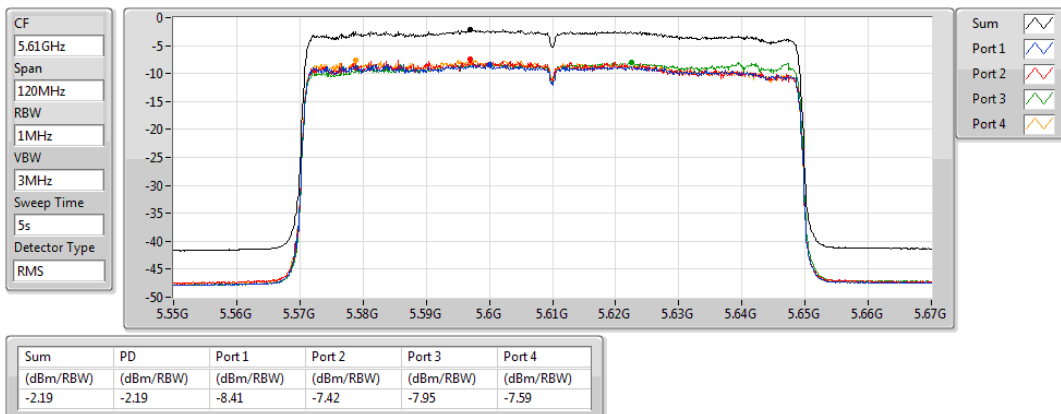


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5610MHz

03/12/2019

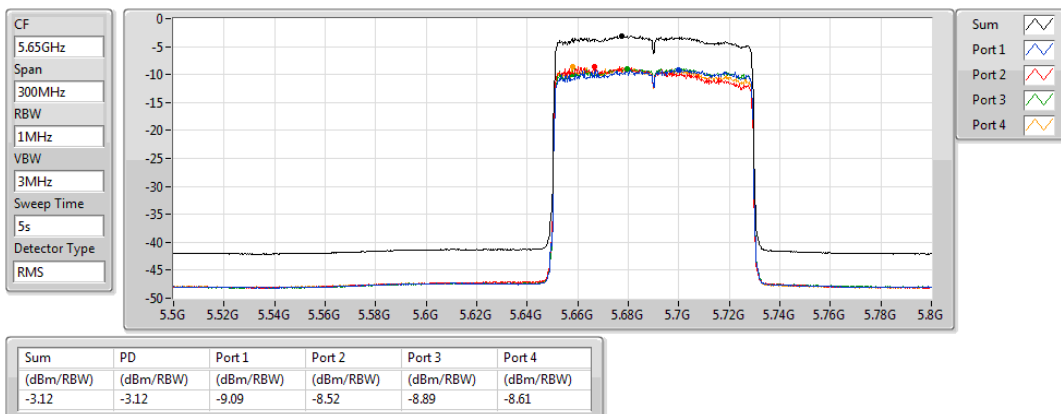


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

03/12/2019

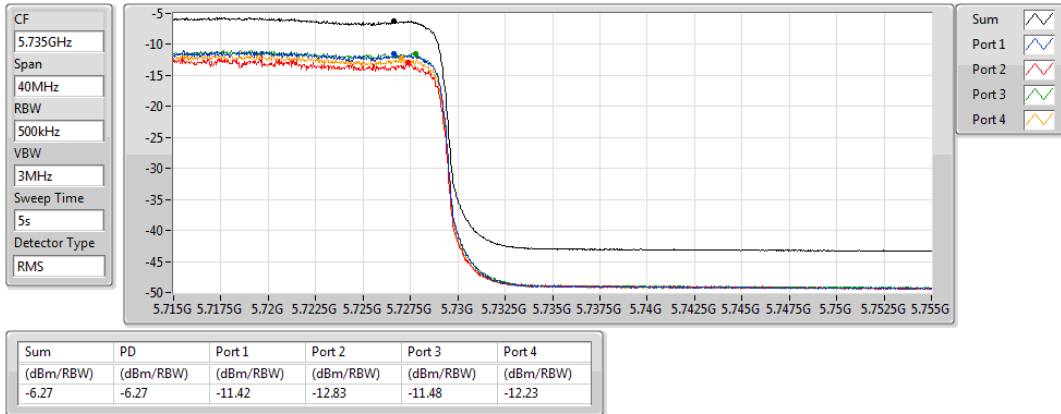


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

03/12/2019

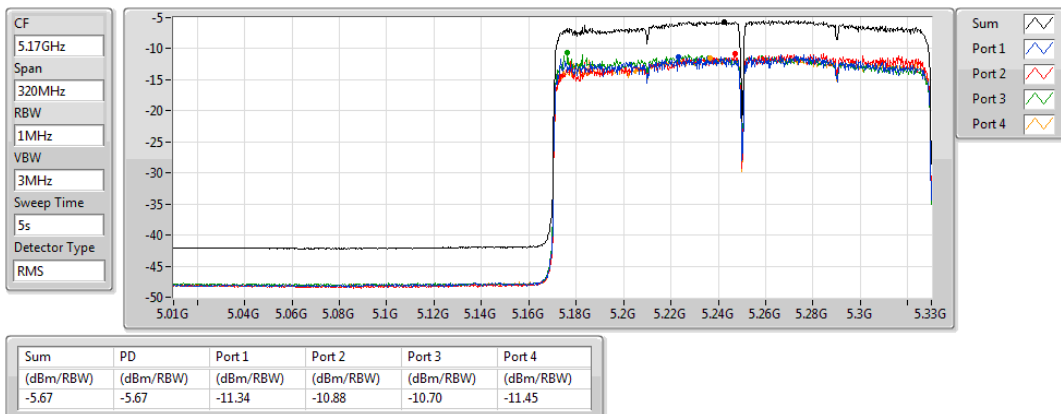


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

03/12/2019

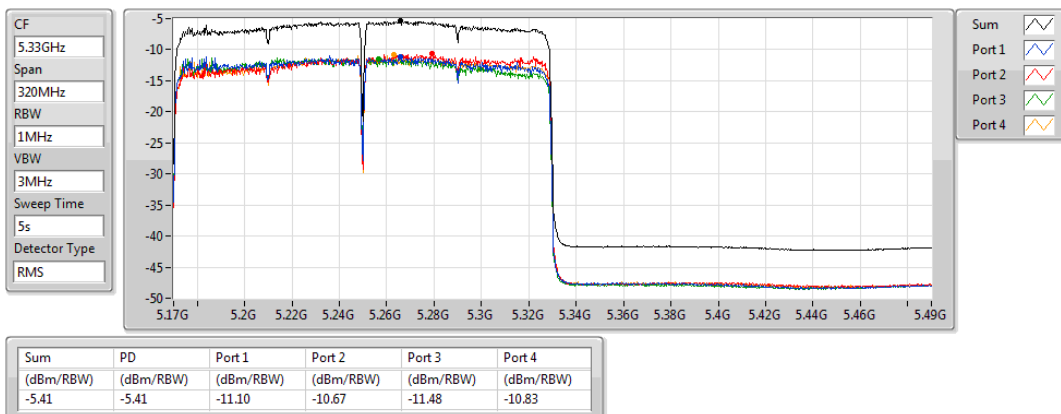


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

03/12/2019



802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5570MHz

03/12/2019



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-6.02	10.70
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-5.86	10.86
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	0.26	16.98
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-2.23	14.49
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-5.79	10.93
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-5.99	10.73
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	0.17	16.89
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-2.12	14.60
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-5.45	11.27
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-5.90	10.82
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	0.20	16.92
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-2.36	14.36
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-5.08	11.64
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-7.15	9.57
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	0.27	16.99
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-2.18	14.54
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-4.84	11.88
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-7.35	9.37
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-1.84	14.88
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-4.93	11.79
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-9.00	7.72
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-1.87	14.85
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-4.82	11.90
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-8.91	7.81

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	16.72	-6.13	-5.06	-5.33	-5.58	0.26	0.28	16.98	17.00
5300MHz	Pass	16.72	-5.69	-5.12	-5.21	-5.62	0.26	0.28	16.98	17.00
5320MHz	Pass	16.72	-6.35	-5.40	-5.78	-5.96	-0.03	0.28	16.69	17.00
5500MHz	Pass	16.72	-6.53	-5.04	-5.60	-5.99	0.20	0.28	16.92	17.00
5580MHz	Pass	16.72	-6.81	-5.24	-5.61	-5.88	0.11	0.28	16.83	17.00
5700MHz	Pass	16.72	-6.03	-5.73	-5.45	-5.92	0.11	0.28	16.83	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	16.72	-6.53	-5.92	-5.67	-6.04	-0.12	0.28	16.60	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	16.72	-8.20	-7.77	-7.45	-7.84	-1.84	19.28	14.88	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	16.72	-8.31	-7.70	-7.89	-8.17	-2.23	0.28	14.49	17.00
5310MHz	Pass	16.72	-8.19	-7.93	-8.03	-8.22	-2.27	0.28	14.45	17.00
5510MHz	Pass	16.72	-8.37	-7.37	-8.12	-8.54	-2.41	0.28	14.31	17.00
5550MHz	Pass	16.72	-8.52	-7.79	-8.05	-8.19	-2.37	0.28	14.35	17.00
5670MHz	Pass	16.72	-8.49	-7.92	-7.73	-7.76	-2.36	0.28	14.36	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	16.72	-8.95	-8.59	-8.18	-8.66	-2.70	0.28	14.02	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	16.72	-10.45	-11.27	-10.41	-11.27	-4.93	19.28	11.79	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	16.72	-11.76	-11.36	-11.51	-12.04	-5.79	0.28	10.93	17.00
5530MHz	Pass	16.72	-11.55	-11.09	-11.08	-11.14	-5.44	0.28	11.28	17.00
5610MHz	Pass	16.72	-10.97	-10.63	-10.15	-10.26	-5.08	0.28	11.64	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	16.72	-11.78	-11.44	-11.52	-11.52	-5.86	0.28	10.86	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	16.72	-14.21	-15.35	-14.49	-15.29	-9.00	19.28	7.72	36.00
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	16.72	-11.43	-11.76	-10.92	-11.55	-6.02	6.28	10.70	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	16.72	-12.00	-11.23	-10.76	-11.39	-5.99	0.28	10.73	17.00
5570MHz	Pass	16.72	-13.06	-12.43	-12.21	-12.24	-7.15	0.28	9.57	17.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	16.72	-6.18	-5.39	-5.33	-5.64	0.13	0.28	16.85	17.00
5300MHz	Pass	16.72	-6.15	-5.48	-5.53	-5.68	0.17	0.28	16.89	17.00
5320MHz	Pass	16.72	-6.18	-5.41	-5.53	-5.66	0.12	0.28	16.84	17.00
5500MHz	Pass	16.72	-6.48	-5.24	-5.63	-6.04	0.09	0.28	16.81	17.00
5580MHz	Pass	16.72	-6.42	-5.08	-5.47	-5.56	0.27	0.28	16.99	17.00
5700MHz	Pass	16.72	-6.21	-5.66	-5.59	-6.03	-0.00	0.28	16.72	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	16.72	-6.48	-5.96	-5.74	-6.05	-0.13	0.28	16.59	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	16.72	-8.26	-7.83	-7.37	-8.04	-1.87	19.28	14.85	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	16.72	-8.03	-7.53	-7.39	-8.06	-2.17	0.28	14.55	17.00
5310MHz	Pass	16.72	-8.12	-7.61	-7.87	-8.21	-2.12	0.28	14.60	17.00
5510MHz	Pass	16.72	-8.23	-7.48	-7.91	-8.21	-2.29	0.28	14.43	17.00
5550MHz	Pass	16.72	-8.43	-7.96	-7.83	-8.05	-2.27	0.28	14.45	17.00
5670MHz	Pass	16.72	-8.25	-7.70	-7.52	-8.24	-2.18	0.28	14.54	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	16.72	-8.74	-8.51	-7.95	-8.55	-2.57	0.28	14.15	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	16.72	-10.99	-10.98	-9.83	-11.17	-4.82	19.28	11.90	36.00



Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	16.72	-9.41	-10.88	-11.10	-11.50	-5.45	0.28	11.27	17.00
5530MHz	Pass	16.72	-11.25	-11.06	-10.94	-11.21	-5.38	0.28	11.34	17.00
5610MHz	Pass	16.72	-10.95	-10.18	-9.92	-10.10	-4.84	0.28	11.88	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	16.72	-11.95	-10.95	-11.53	-11.35	-5.78	0.28	10.94	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	16.72	-14.27	-15.39	-14.19	-14.98	-8.91	19.28	7.81	36.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	16.72	-11.44	-12.12	-10.56	-11.50	-5.86	6.28	10.86	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	16.72	-11.43	-11.00	-11.74	-11.56	-5.90	0.28	10.82	17.00
5570MHz	Pass	16.72	-13.25	-12.41	-12.60	-12.83	-7.35	0.28	9.37	17.00

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

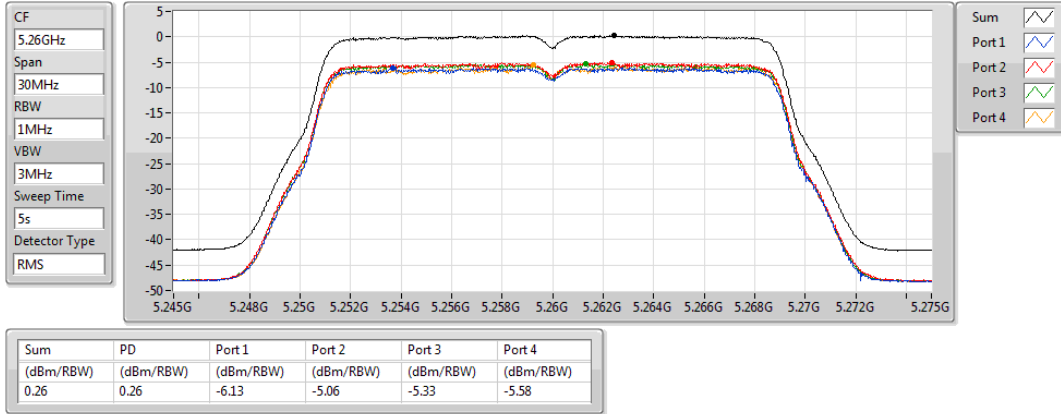
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5260MHz

04/12/2019

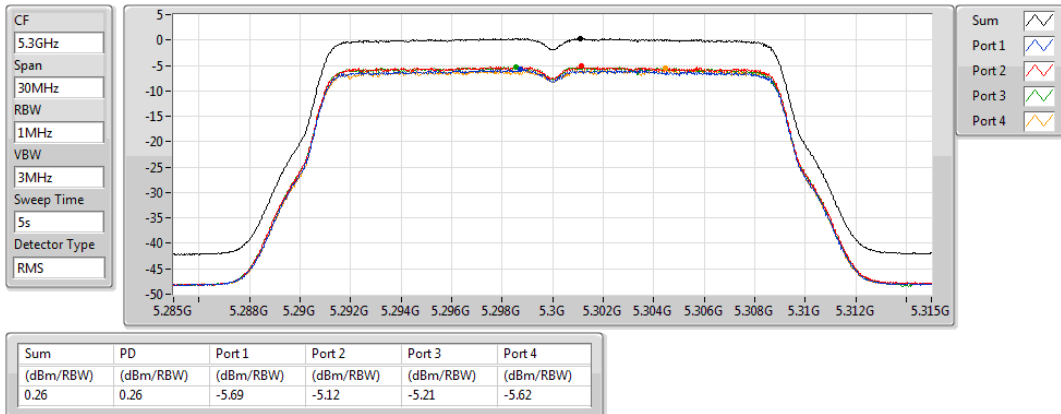


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5300MHz

03/12/2019

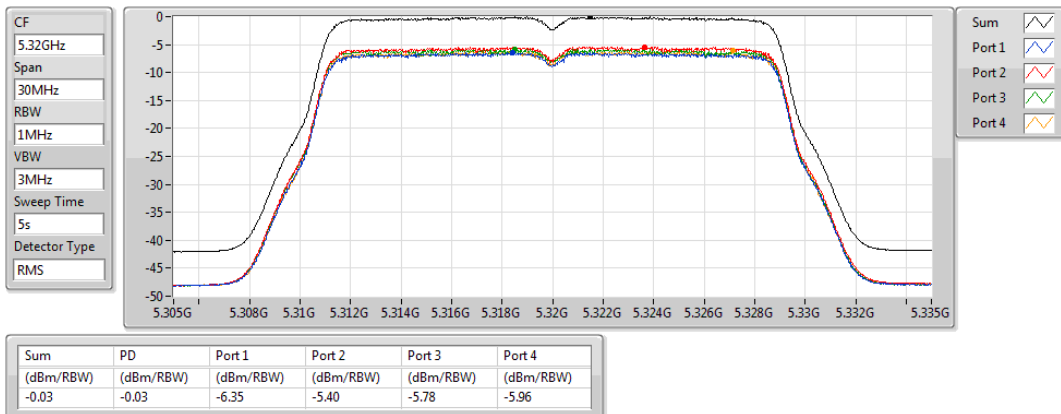


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5320MHz

03/12/2019

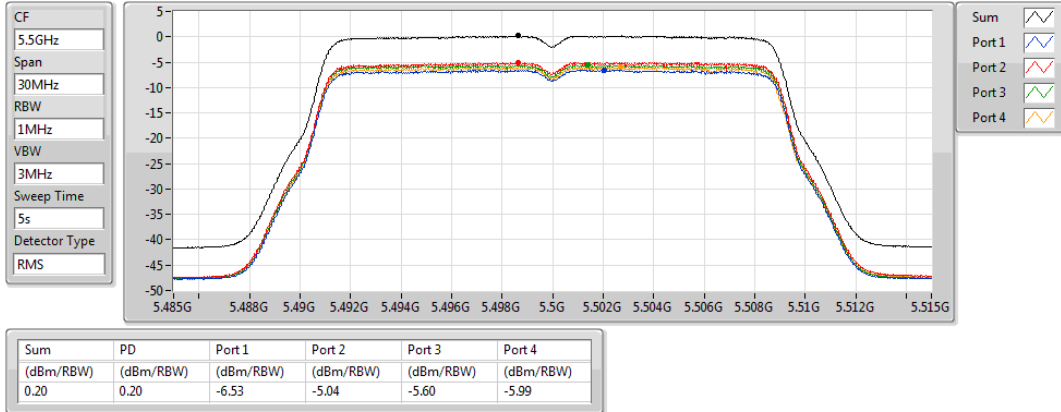


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5500MHz

03/12/2019

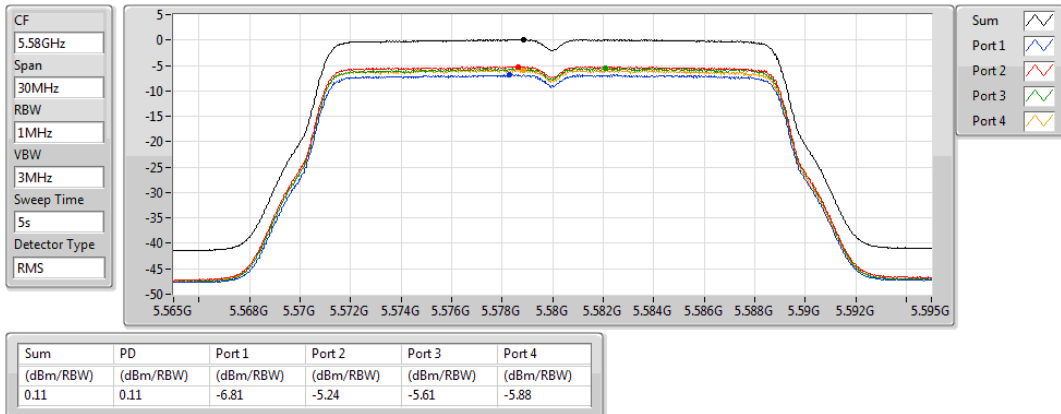


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5580MHz

03/12/2019

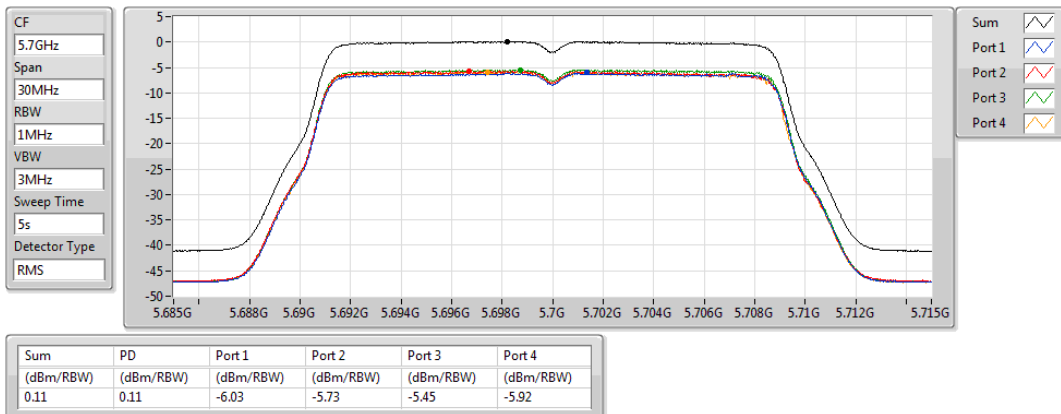


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5700MHz

03/12/2019

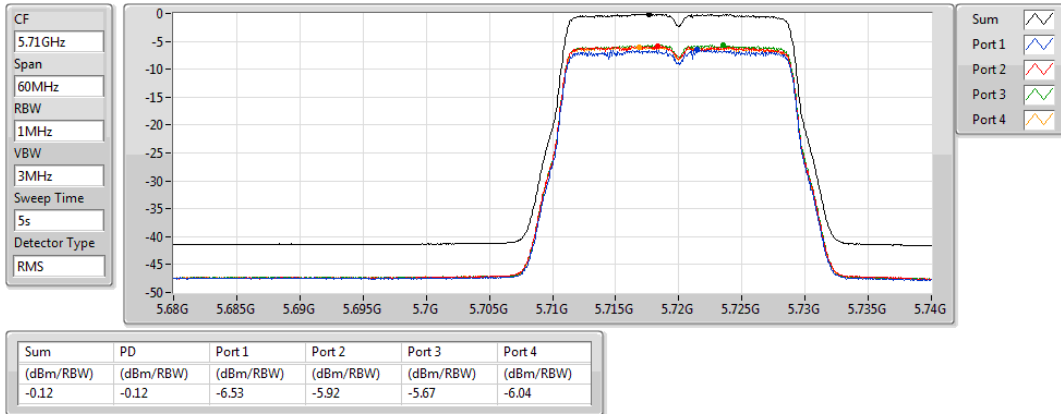


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz

PSD

03/12/2019

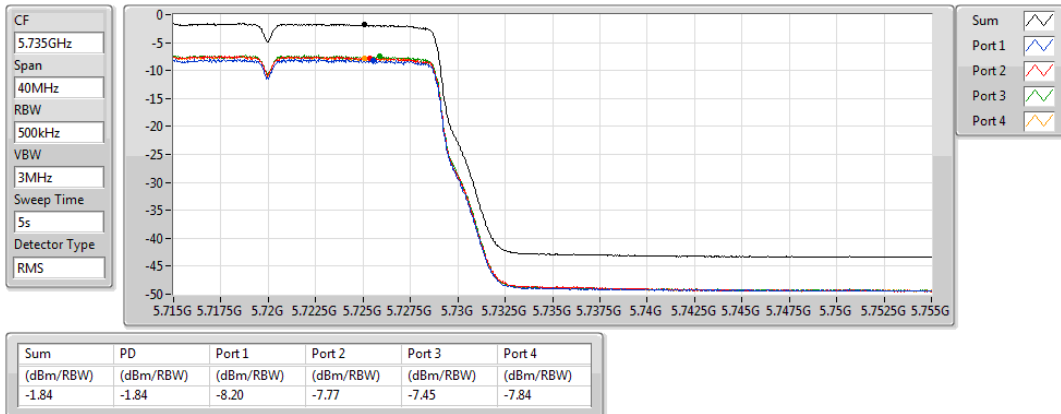


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

03/12/2019

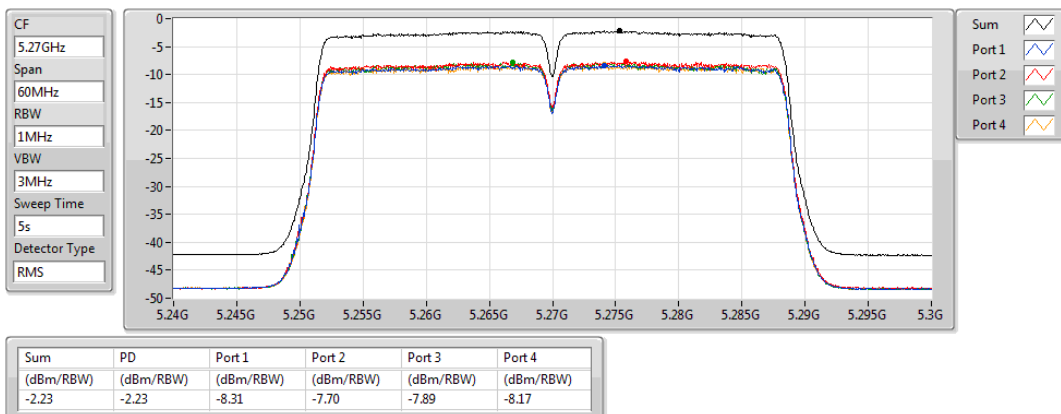


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5270MHz

PSD

03/12/2019

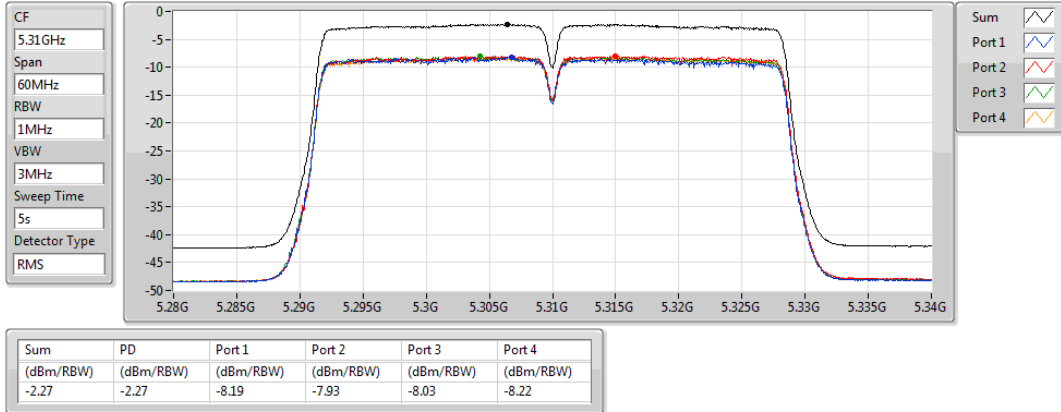


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5310MHz

03/12/2019

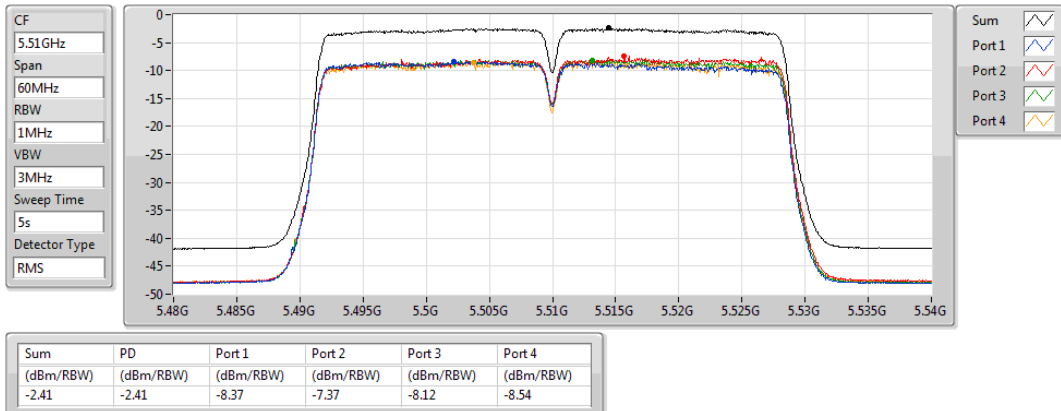


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5510MHz

03/12/2019

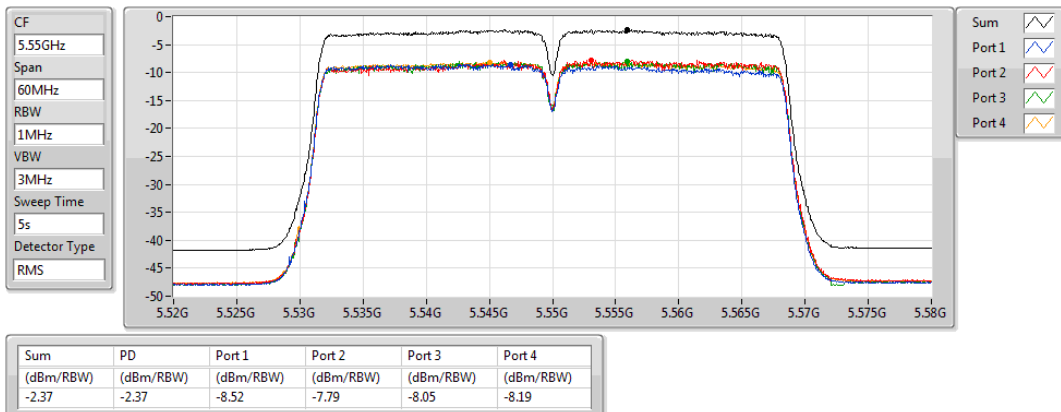


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5550MHz

03/12/2019

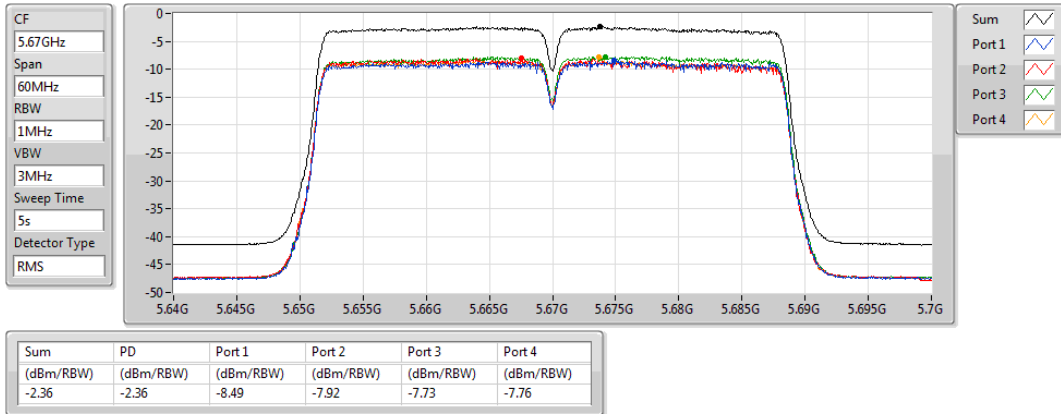


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5670MHz

03/12/2019

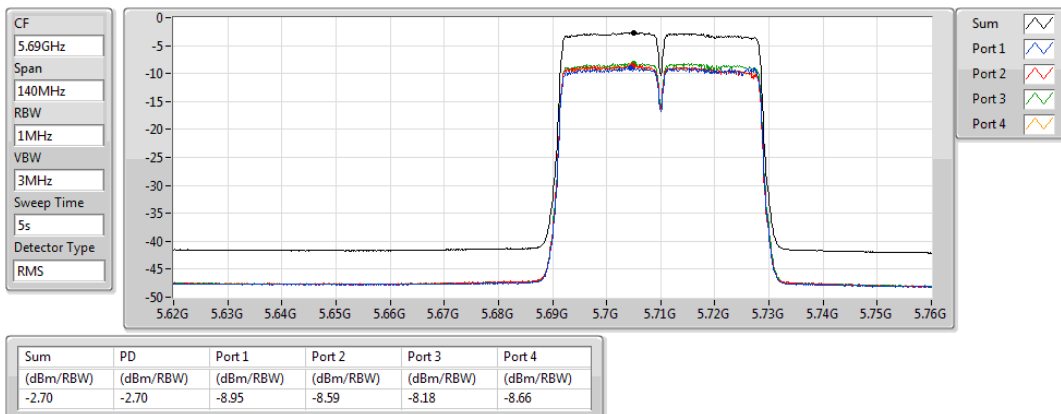


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

03/12/2019

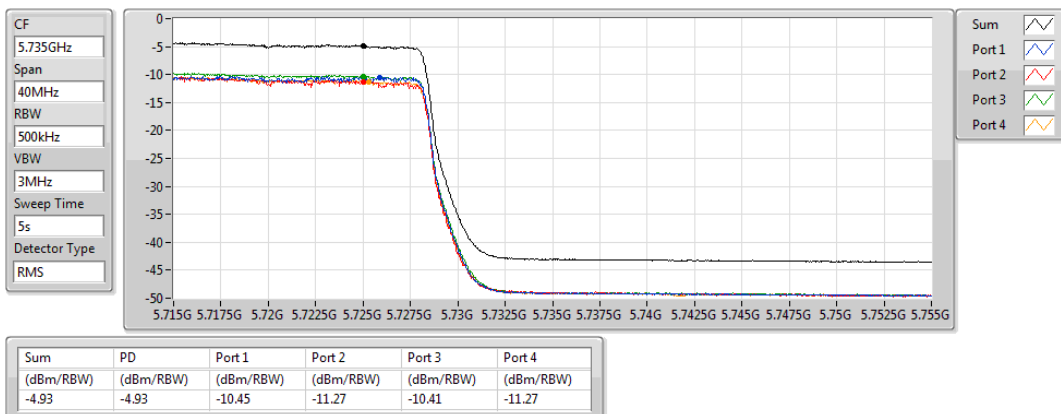


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

03/12/2019



802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz

03/12/2019

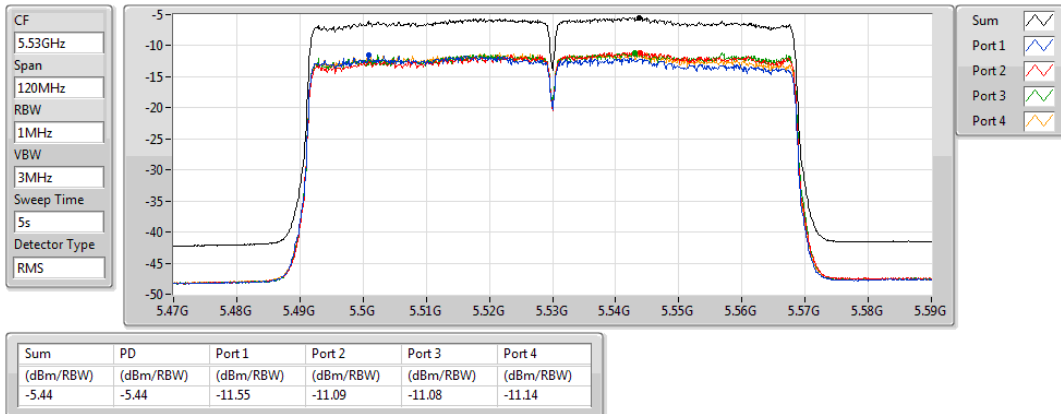


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5530MHz

03/12/2019

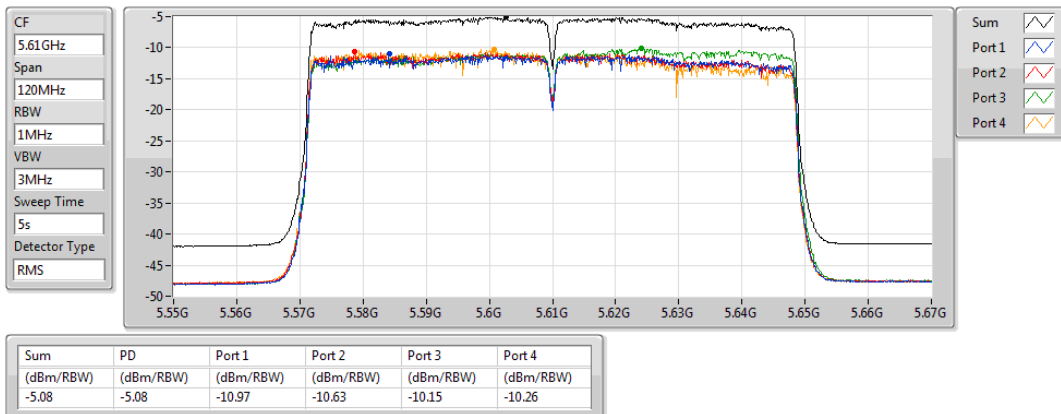


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5610MHz

03/12/2019

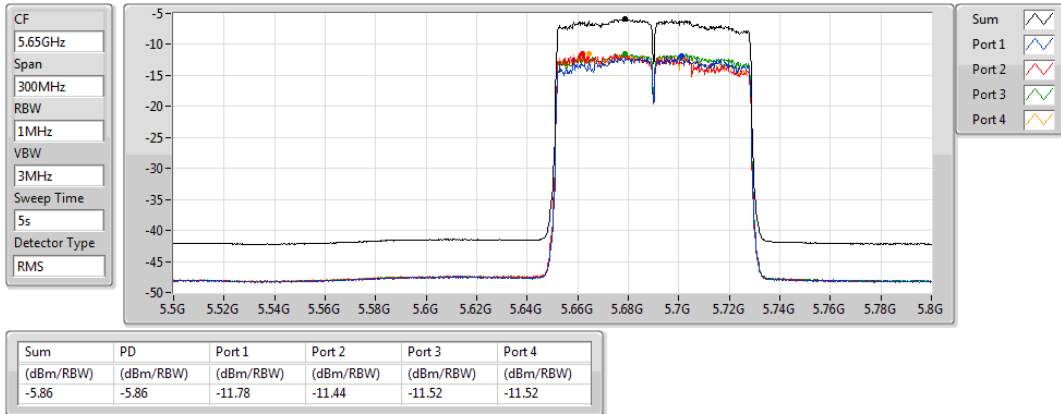


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

04/12/2019

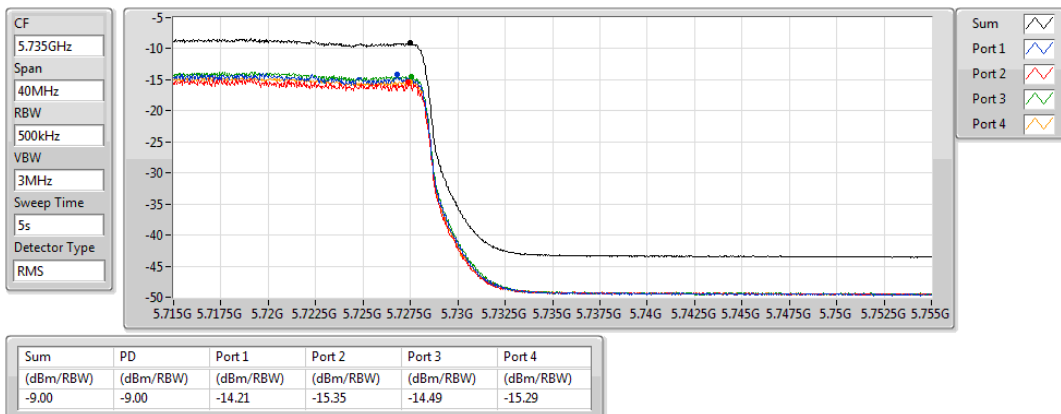


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

04/12/2019

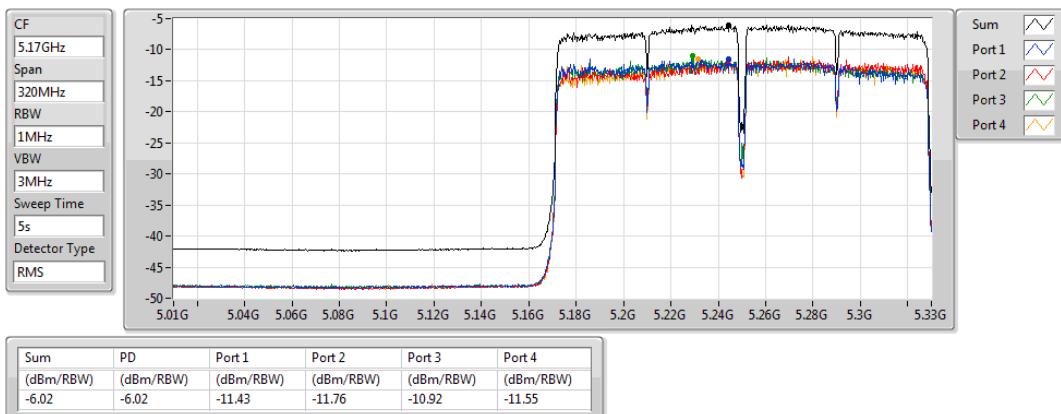


802.11ac VHT160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

04/12/2019

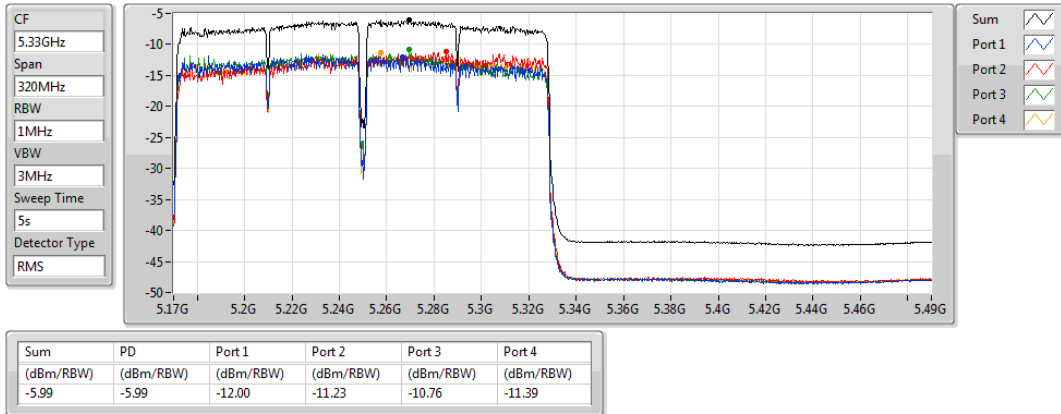


802.11ac VHT160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

04/12/2019

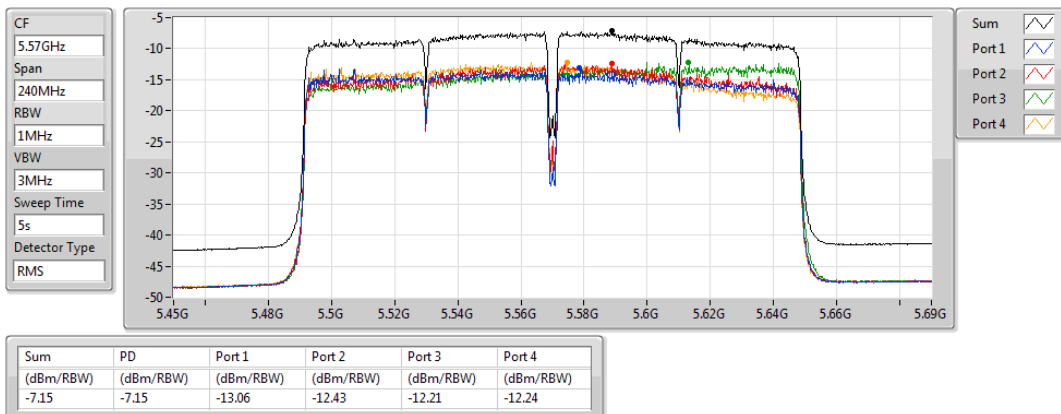


802.11ac VHT160-BF_Nss1,(MCS0)_4TX

PSD

5570MHz

04/12/2019

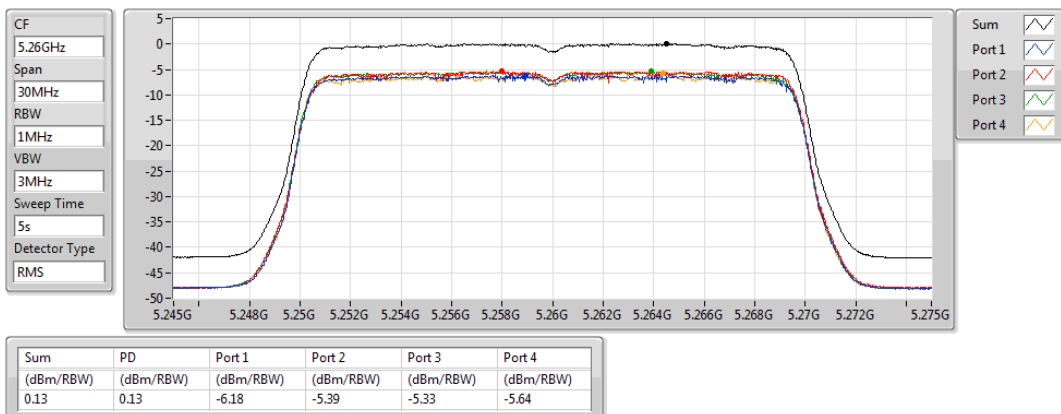


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5260MHz

03/12/2019

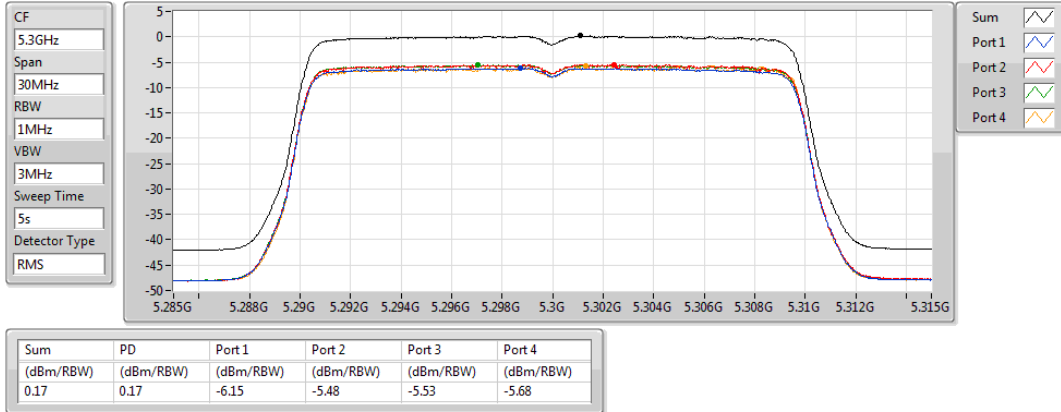


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5300MHz

03/12/2019

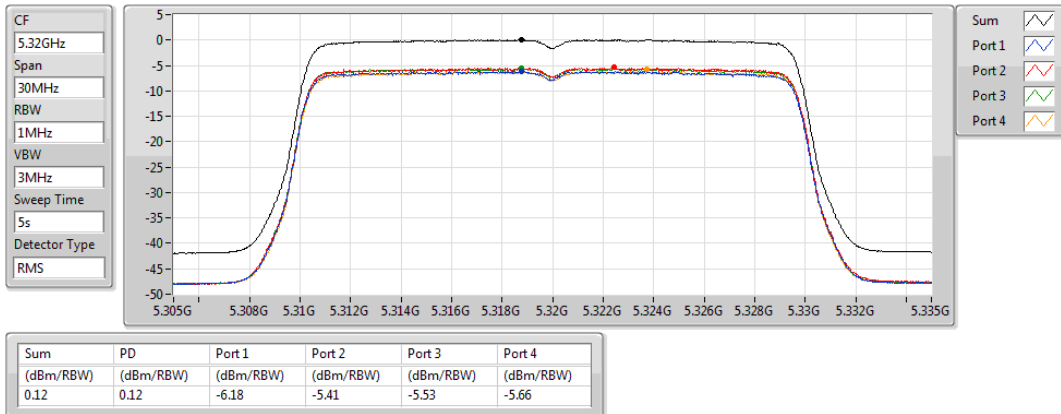


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5320MHz

03/12/2019

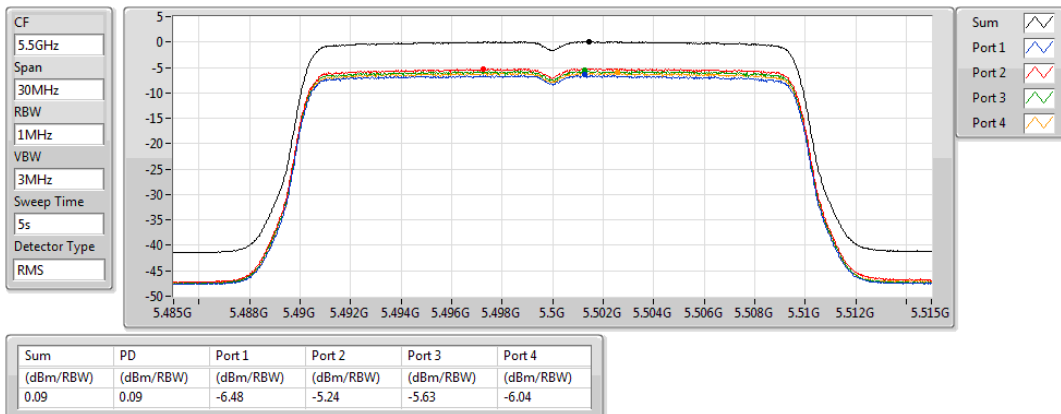


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5500MHz

03/12/2019

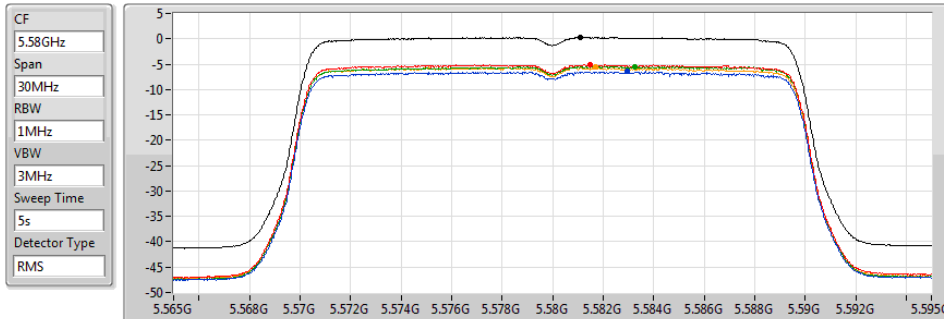


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5580MHz

03/12/2019



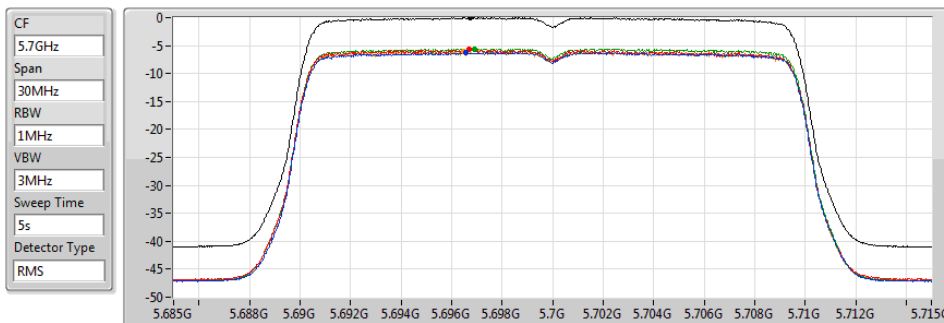
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.27	0.27	-6.42	-5.08	-5.47	-5.56

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5700MHz

03/12/2019



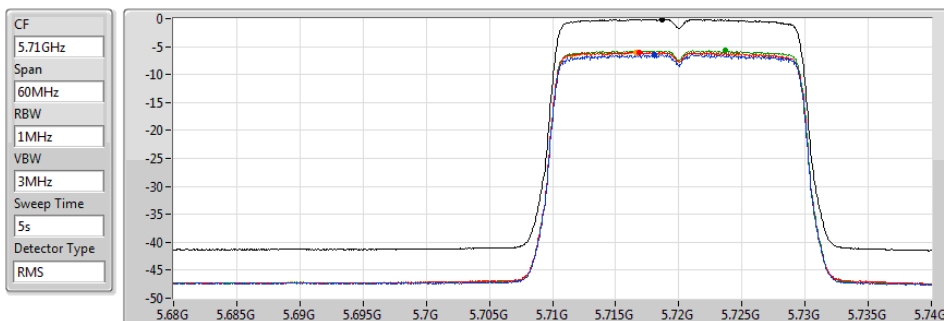
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.00	-0.00	-6.21	-5.66	-5.59	-6.03

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

03/12/2019



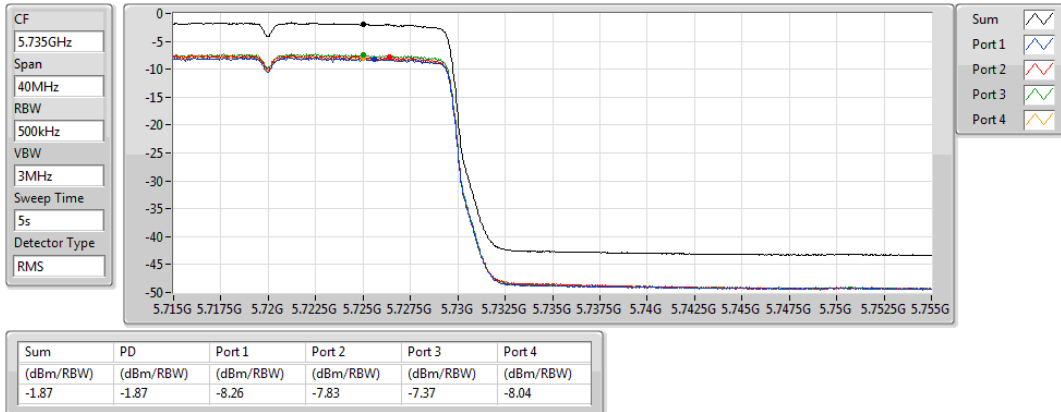
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.13	-0.13	-6.48	-5.96	-5.74	-6.05

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

03/12/2019

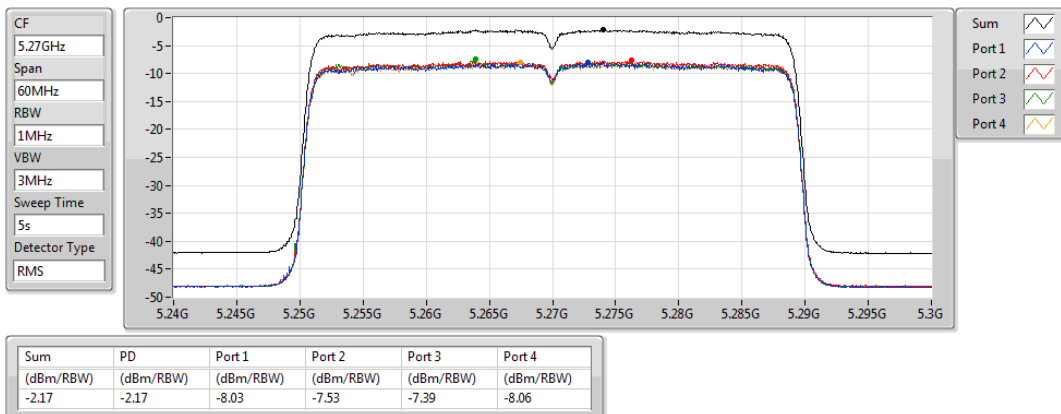


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5270MHz

03/12/2019

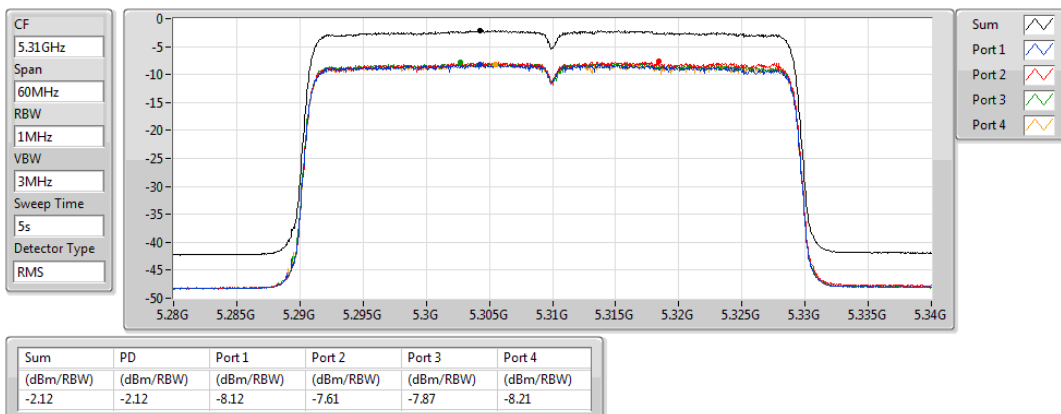


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5310MHz

03/12/2019

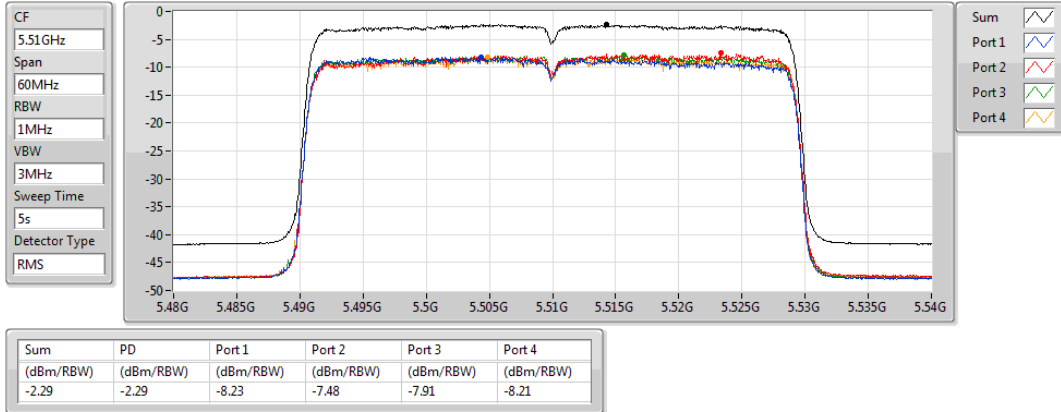


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5510MHz

03/12/2019

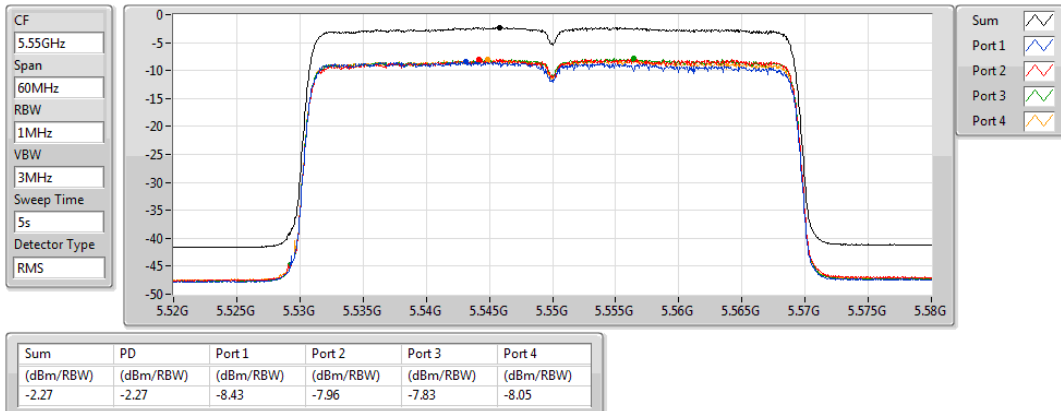


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5550MHz

03/12/2019

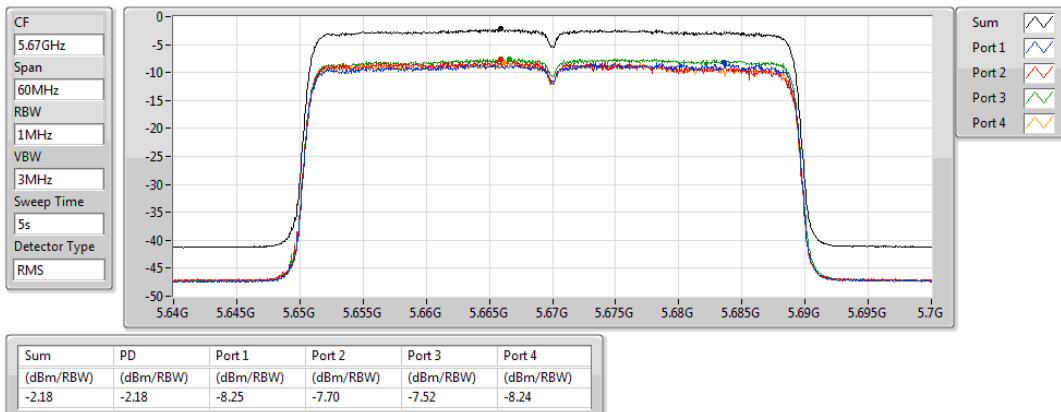


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5670MHz

03/12/2019

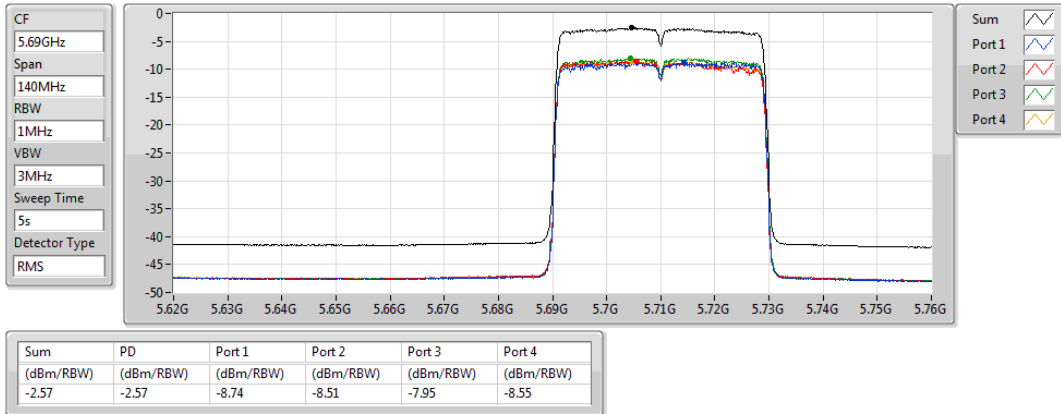


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

03/12/2019

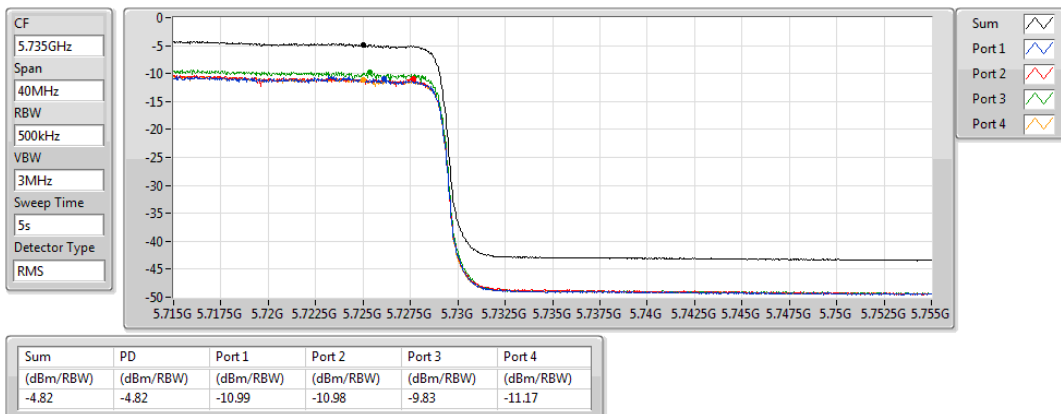


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

03/12/2019

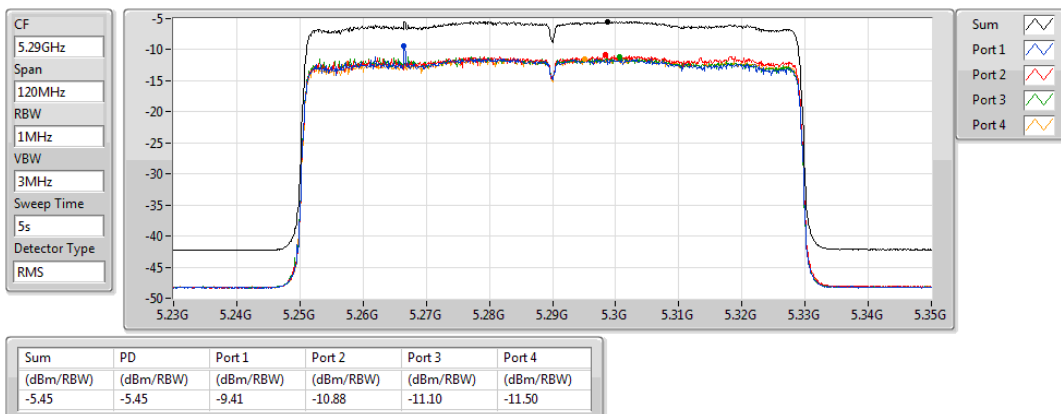


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz

03/12/2019

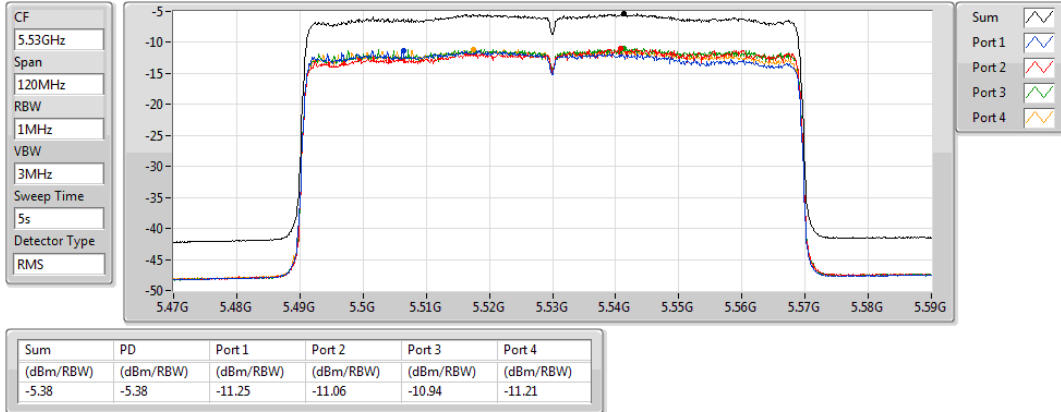


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5530MHz

03/12/2019

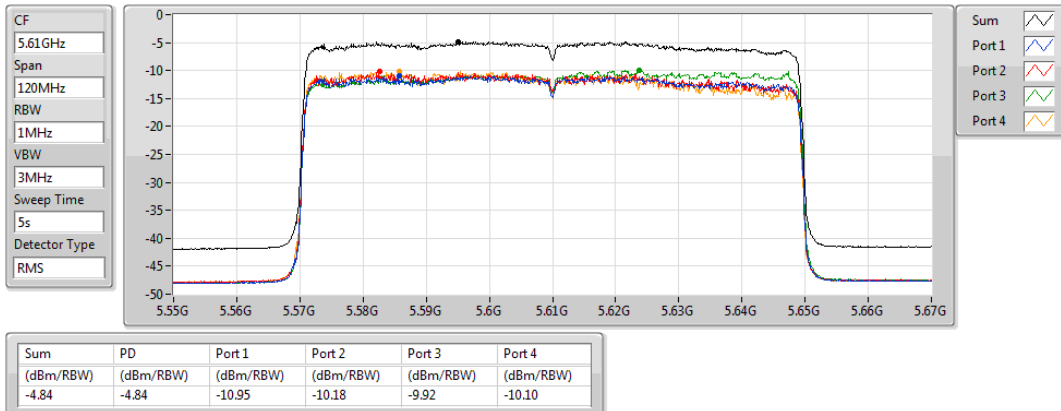


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5610MHz

03/12/2019

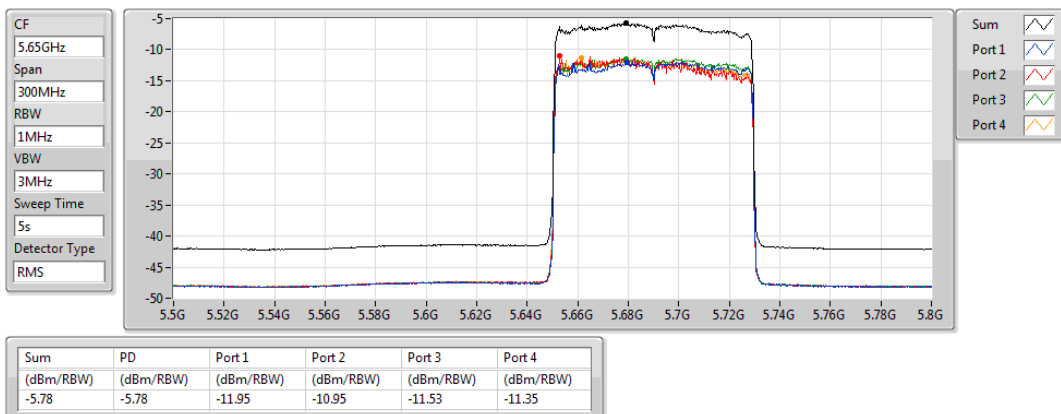


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

03/12/2019

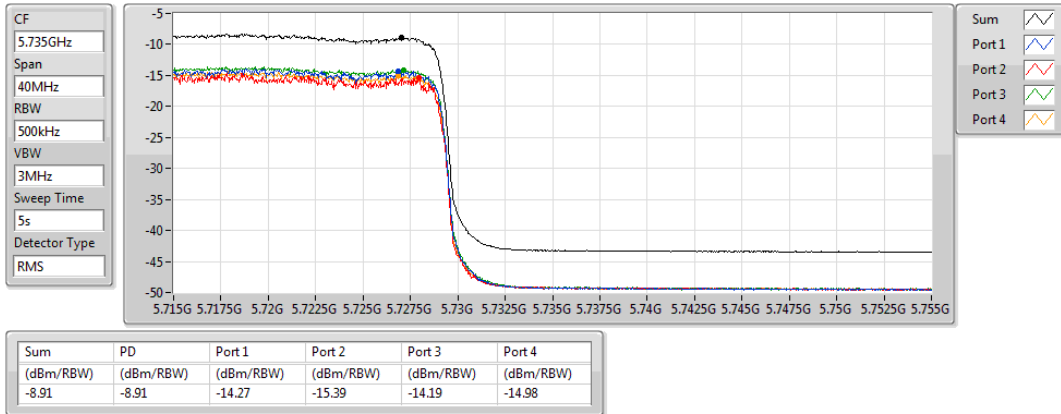


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

03/12/2019

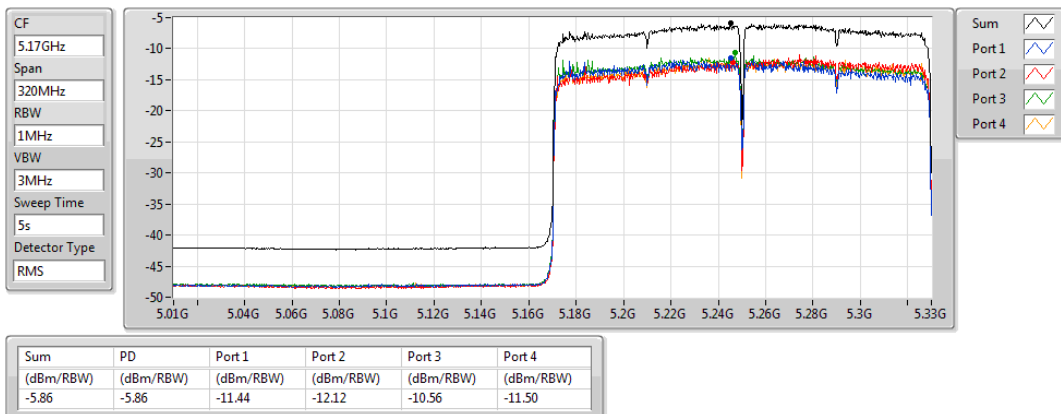


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

04/12/2019

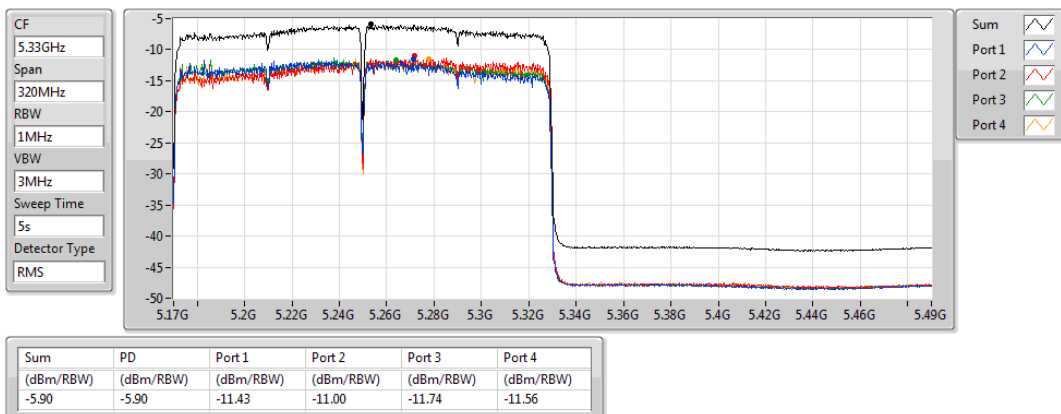


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

04/12/2019

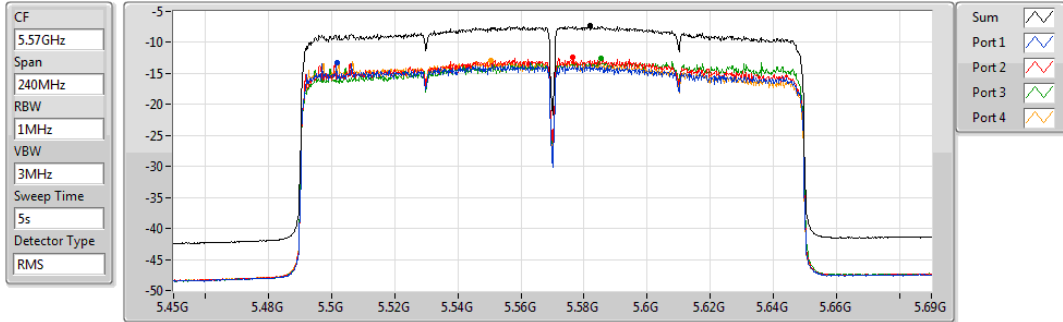


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5570MHz

04/12/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-7.35	-7.35	-13.25	-12.41	-12.60	-12.83

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	5.87	16.88
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	3.59	14.60
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-3.17	7.84
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	5.61	16.62
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	3.90	14.91
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-3.05	7.96
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	5.90	16.91
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	3.37	14.38
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	0.57	11.58
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	5.64	16.65
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	3.51	14.52
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	0.66	11.67
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	4.12	15.13
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	0.62	11.63
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-3.14	7.87
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	3.77	14.78
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.95	11.96
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-2.86	8.15

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	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	11.01	3.62	2.29	5.86	5.99	16.87	17.00
5300MHz_TnomVnom	Pass	11.01	3.52	2.32	5.87	5.99	16.88	17.00
5320MHz_TnomVnom	Pass	11.01	2.31	1.10	4.71	5.99	15.72	17.00
5500MHz_TnomVnom	Pass	11.01	2.70	2.12	5.39	5.99	16.40	17.00
5580MHz_TnomVnom	Pass	11.01	3.19	2.54	5.86	5.99	16.87	17.00
5700MHz_TnomVnom	Pass	11.01	0.23	0.06	3.03	5.99	14.04	17.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	11.01	3.21	2.65	5.90	5.99	16.91	17.00
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	11.01	1.44	0.88	4.12	24.99	15.13	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	11.01	1.39	-0.08	3.59	5.99	14.60	17.00
5310MHz_TnomVnom	Pass	11.01	-3.50	-4.64	-1.10	5.99	9.91	17.00
5510MHz_TnomVnom	Pass	11.01	-5.70	-6.02	-2.97	5.99	8.04	17.00
5550MHz_TnomVnom	Pass	11.01	0.62	0.15	3.37	5.99	14.38	17.00
5670MHz_TnomVnom	Pass	11.01	-0.54	-1.12	2.06	5.99	13.07	17.00
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	11.01	0.28	-0.40	2.96	5.99	13.97	17.00
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	11.01	-1.99	-2.67	0.62	24.99	11.63	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	11.01	-6.15	-5.84	-3.17	5.99	7.84	17.00
5530MHz_TnomVnom	Pass	11.01	-4.78	-5.45	-2.29	5.99	8.72	17.00
5610MHz_TnomVnom	Pass	11.01	-2.24	-2.57	0.57	5.99	11.58	17.00
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	11.01	-3.24	-3.24	-0.44	5.99	10.57	17.00
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	11.01	-6.04	-6.26	-3.14	24.99	7.87	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	11.01	3.38	2.19	5.61	5.99	16.62	17.00
5300MHz_TnomVnom	Pass	11.01	3.28	2.11	5.52	5.99	16.53	17.00
5320MHz_TnomVnom	Pass	11.01	1.65	0.62	4.13	5.99	15.14	17.00
5500MHz_TnomVnom	Pass	11.01	2.24	1.60	4.91	5.99	15.92	17.00
5580MHz_TnomVnom	Pass	11.01	3.02	2.27	5.64	5.99	16.65	17.00
5700MHz_TnomVnom	Pass	11.01	-0.41	-0.64	2.43	5.99	13.44	17.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	11.01	2.58	2.18	5.36	5.99	16.37	17.00
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	11.01	1.09	0.44	3.77	24.99	14.78	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	11.01	1.55	0.53	3.90	5.99	14.91	17.00
5310MHz_TnomVnom	Pass	11.01	-3.53	-4.61	-1.04	5.99	9.97	17.00
5510MHz_TnomVnom	Pass	11.01	-5.68	-5.92	-2.89	5.99	8.12	17.00
5550MHz_TnomVnom	Pass	11.01	0.97	0.31	3.51	5.99	14.52	17.00
5670MHz_TnomVnom	Pass	11.01	-0.45	-0.89	2.21	5.99	13.22	17.00
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	11.01	0.31	-0.17	2.98	5.99	13.99	17.00
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	11.01	-1.81	-2.31	0.95	24.99	11.96	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	11.01	-5.80	-5.92	-3.05	5.99	7.96	17.00
5530MHz_TnomVnom	Pass	11.01	-4.85	-5.34	-2.17	5.99	8.84	17.00
5610MHz_TnomVnom	Pass	11.01	-1.69	-2.26	0.66	5.99	11.67	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)
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	11.01	-2.75	-3.18	-0.19	5.99	10.82	17.00
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	11.01	-5.51	-5.94	-2.86	24.99	8.15	36.00

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

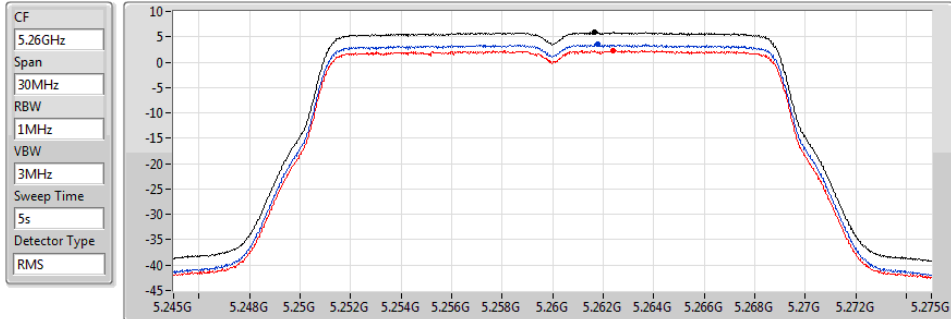
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

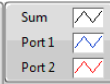
PSD

5260MHz

04/12/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.86	5.86	3.62	2.29

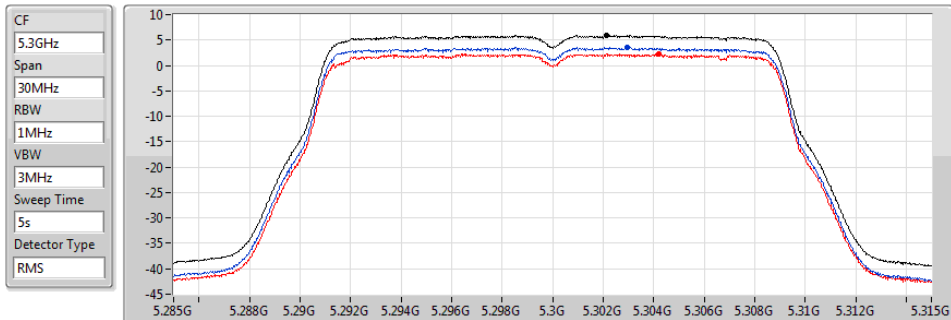


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

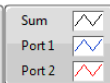
PSD

5300MHz

04/12/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.87	5.87	3.52	2.32

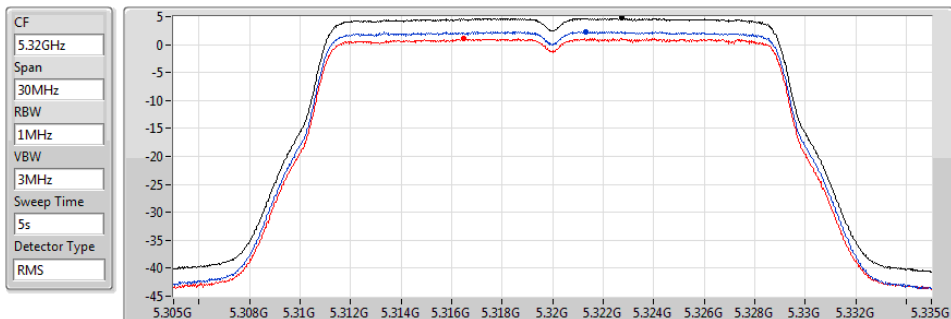


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

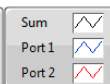
PSD

5320MHz

04/12/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.71	4.71	2.31	1.10

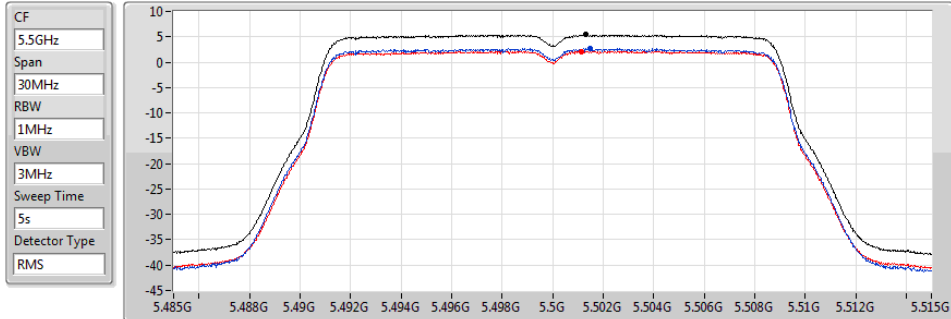


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5500MHz

04/12/2019



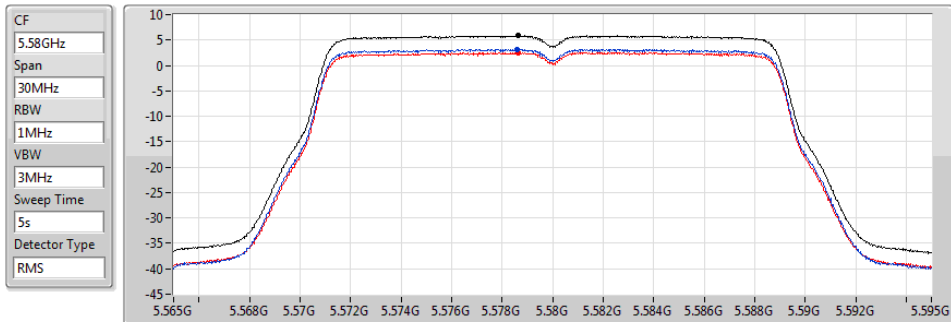
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.39	5.39	2.70	2.12

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5580MHz

04/12/2019



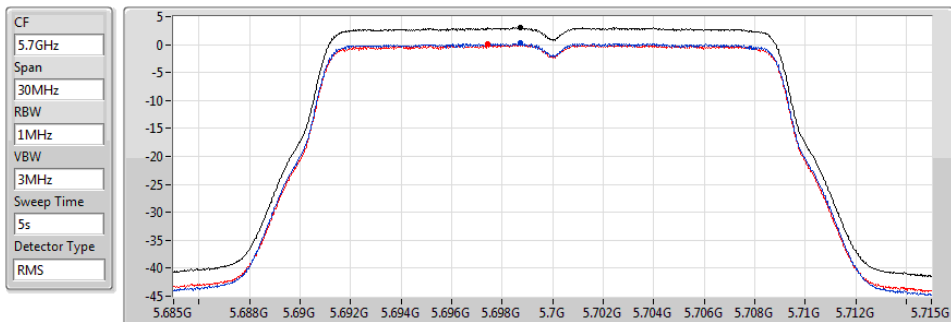
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.86	5.86	3.19	2.54

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5700MHz

04/12/2019



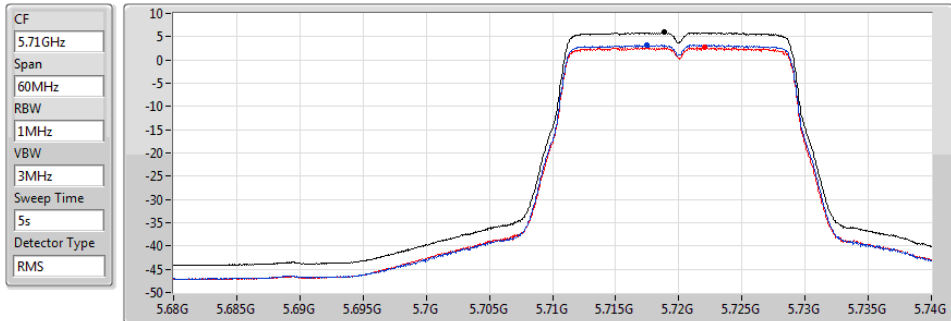
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.03	3.03	0.23	0.06

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz

PSD

04/12/2019



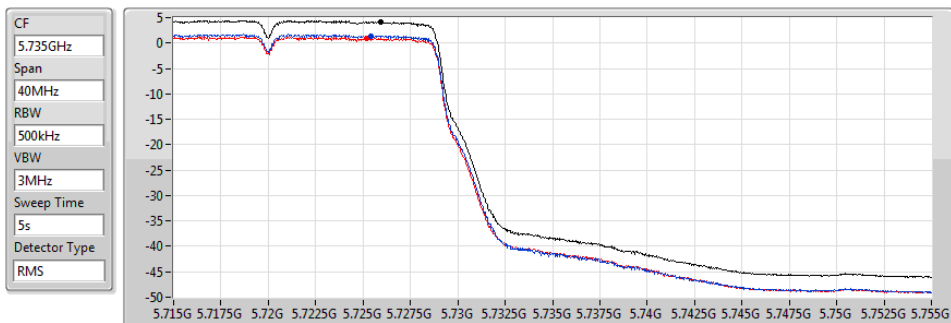
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.90	5.90	3.21	2.65

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

04/12/2019



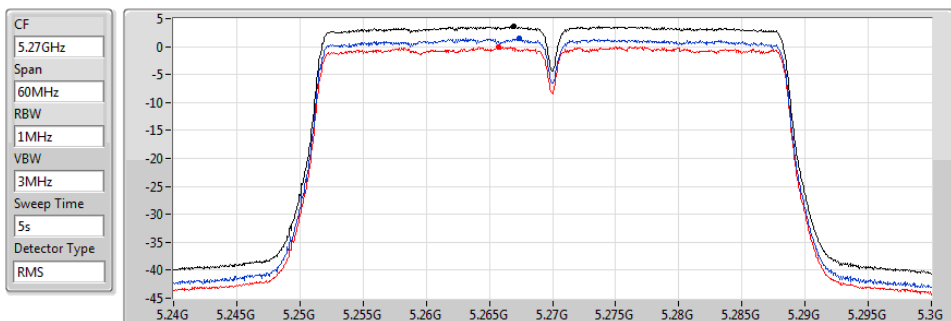
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.12	4.12	1.44	0.88

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5270MHz

PSD

04/12/2019



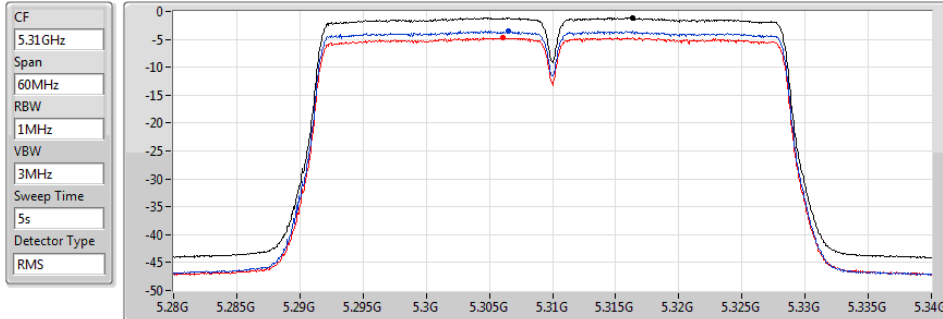
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.59	3.59	1.39	-0.08

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5310MHz

04/12/2019



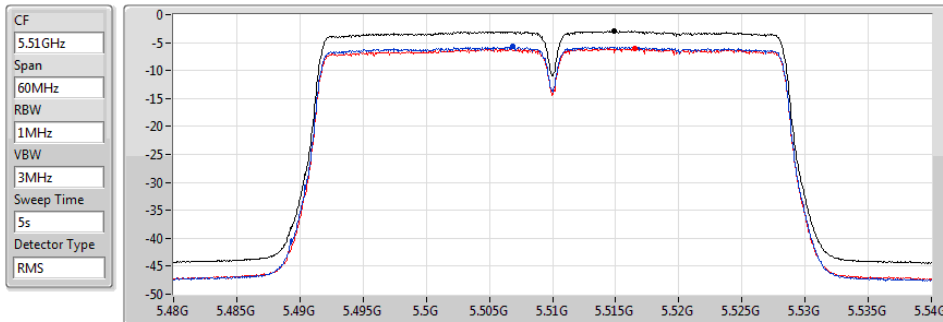
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.10	-1.10	-3.50	-4.64

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5510MHz

04/12/2019



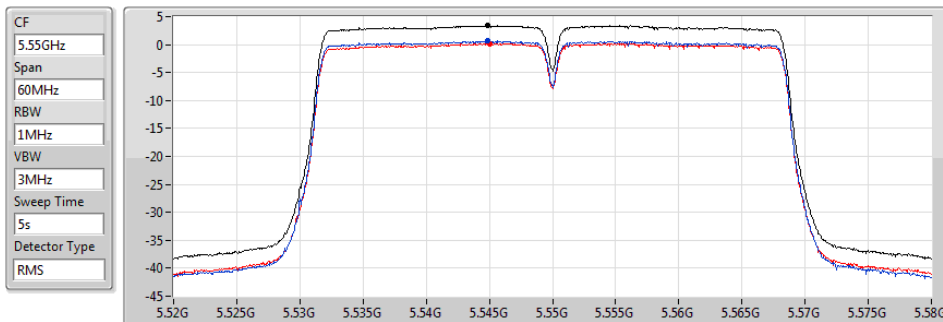
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.97	-2.97	-5.70	-6.02

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5550MHz

04/12/2019



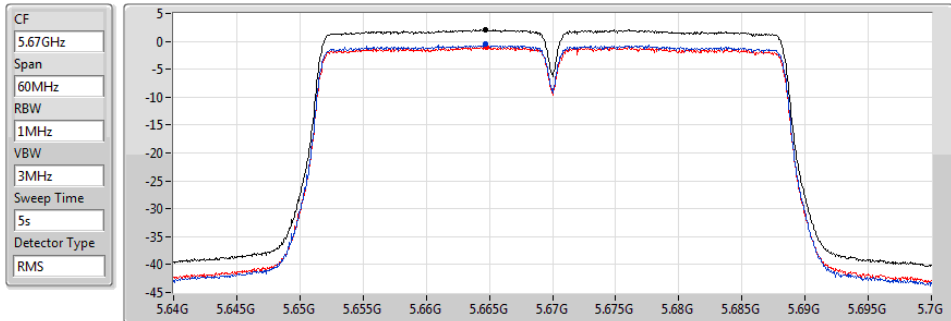
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.37	3.37	0.62	0.15

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5670MHz

PSD

04/12/2019



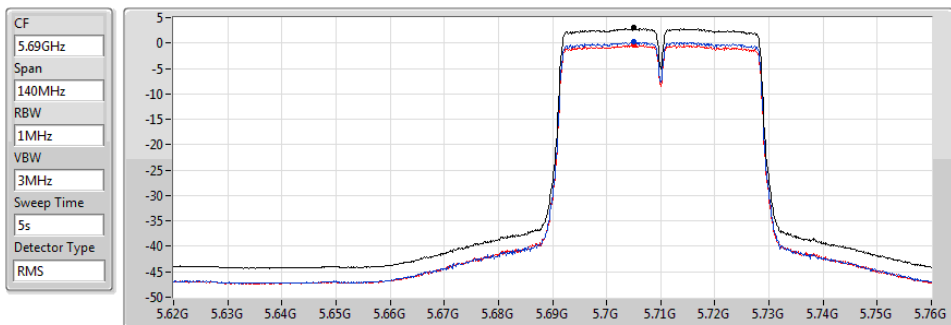
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.06	2.06	-0.54	-1.12

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5710MHz Straddle 5.47-5.725GHz

PSD

04/12/2019



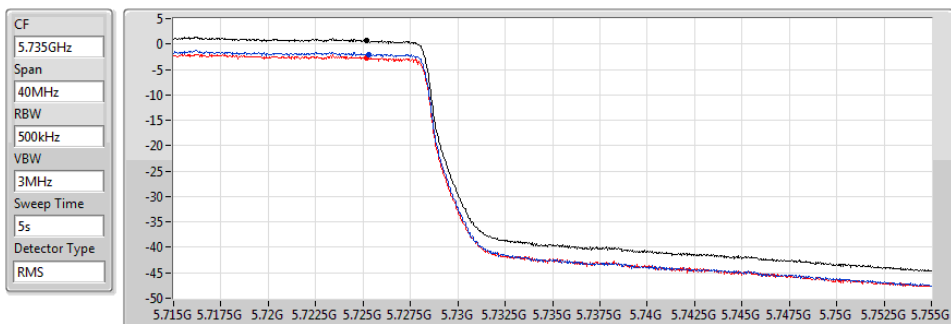
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.96	2.96	0.28	-0.40

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5710MHz Straddle 5.725-5.85GHz

PSD

04/12/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.62	0.62	-1.99	-2.67

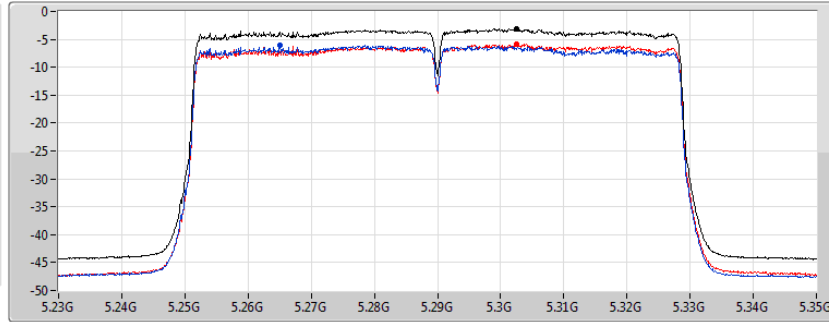
802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5290MHz

04/12/2019

CF
5.29GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
5s
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.17	-3.17	-6.15	-5.84

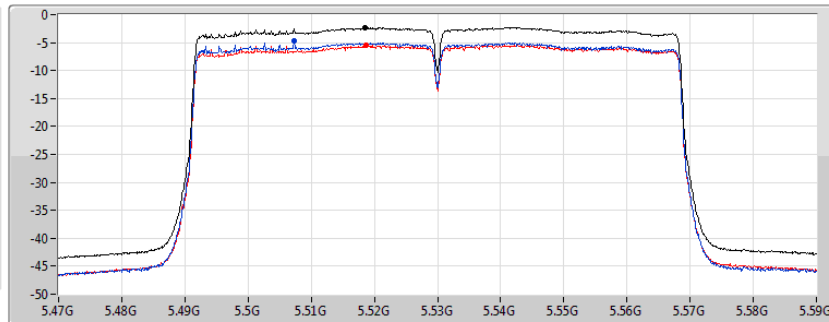
802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5530MHz

04/12/2019

CF
5.53GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
5s
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.29	-2.29	-4.78	-5.45

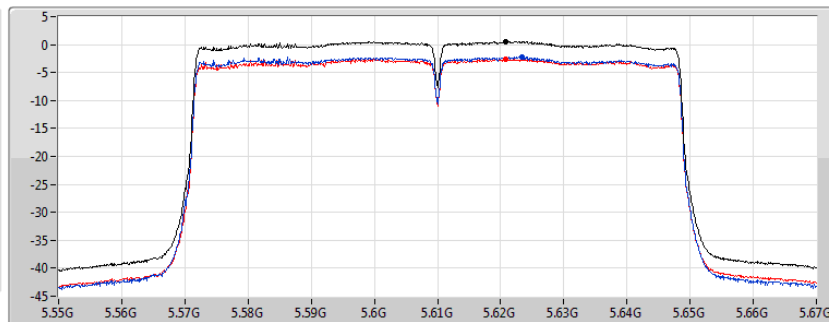
802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5610MHz

04/12/2019

CF
5.61GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
5s
Detector Type
RMS



Sum
Port 1
Port 2

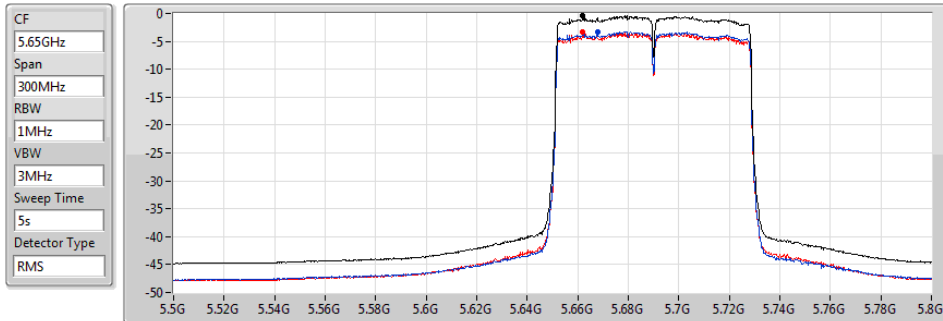
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.57	0.57	-2.24	-2.57

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

04/12/2019



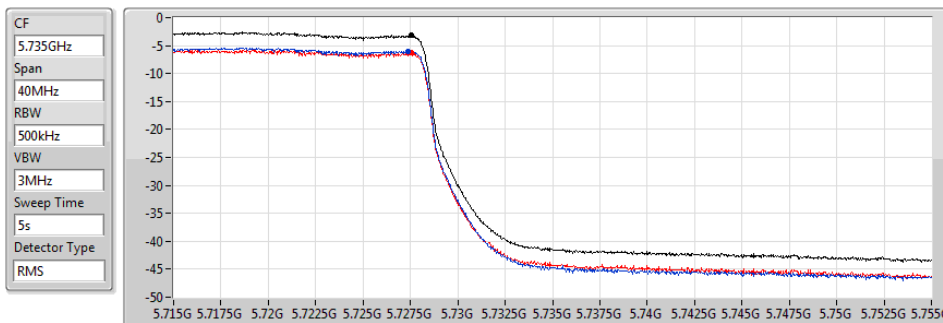
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.44	-0.44	-3.24	-3.24

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

04/12/2019



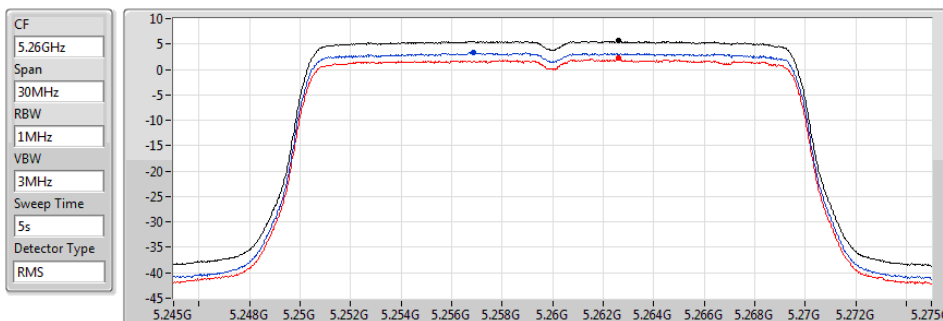
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.14	-3.14	-6.04	-6.26

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5260MHz

04/12/2019



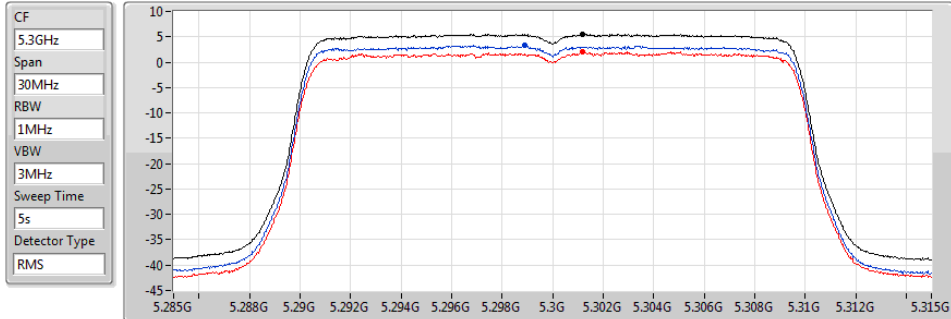
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.61	5.61	3.38	2.19

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5300MHz

04/12/2019



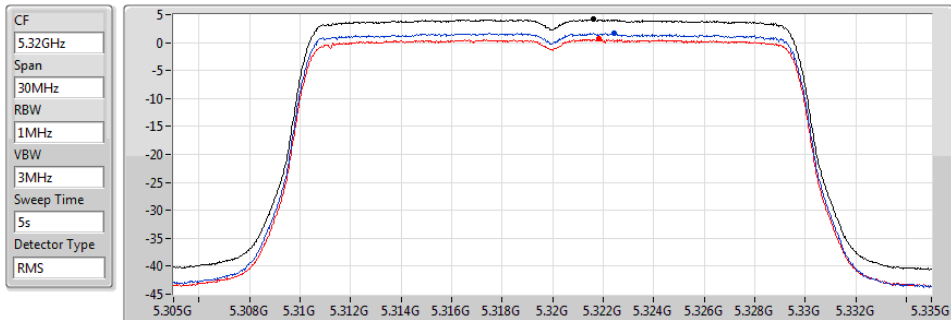
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.52	5.52	3.28	2.11

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5320MHz

04/12/2019



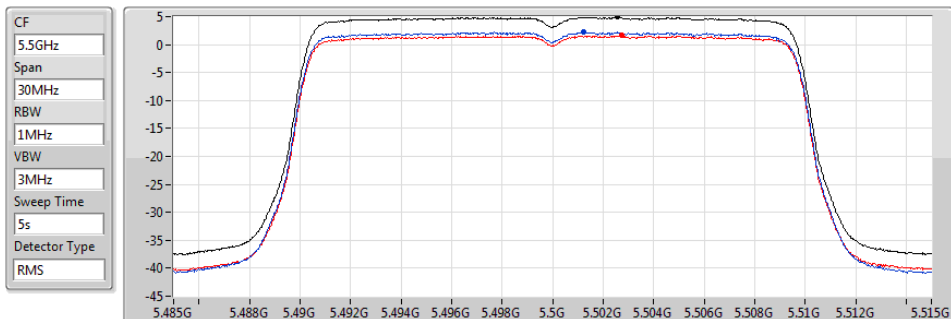
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.13	4.13	1.65	0.62

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5500MHz

04/12/2019



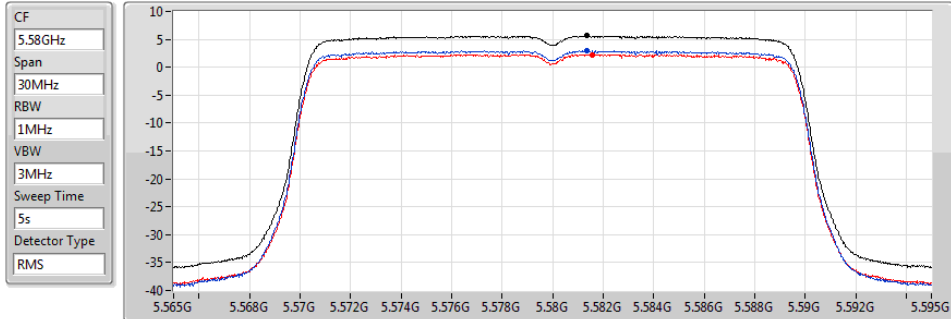
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.91	4.91	2.24	1.60

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5580MHz

04/12/2019



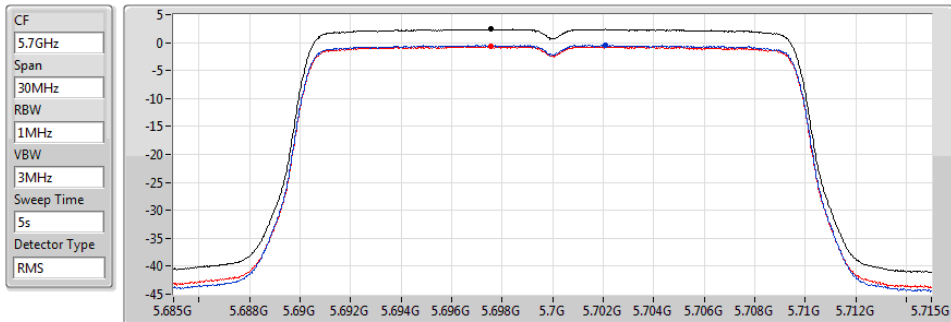
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.64	5.64	3.02	2.27

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5700MHz

04/12/2019



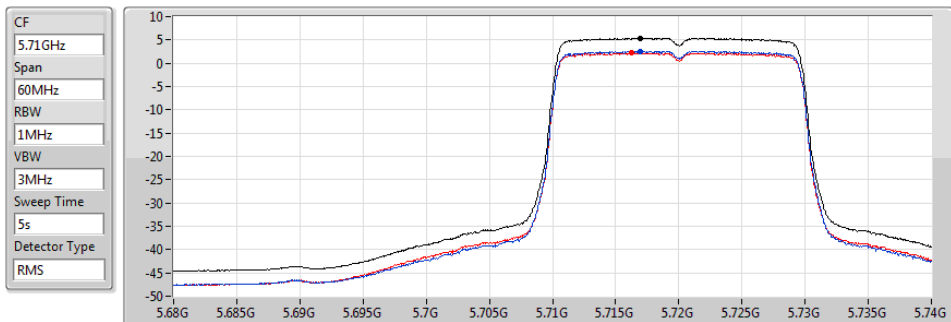
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.43	2.43	-0.41	-0.64

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

04/12/2019



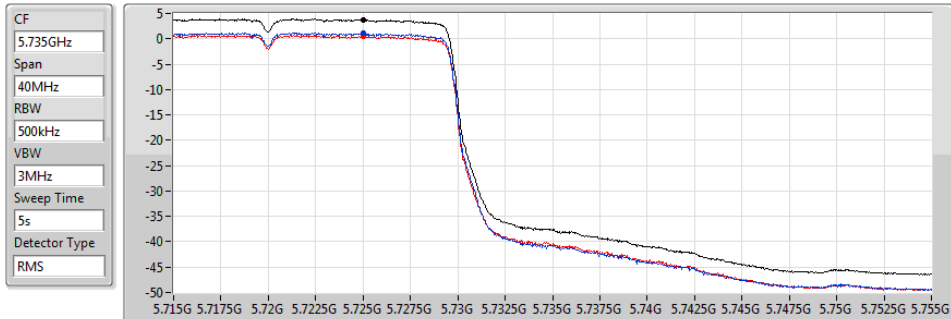
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.36	5.36	2.58	2.18

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

04/12/2019



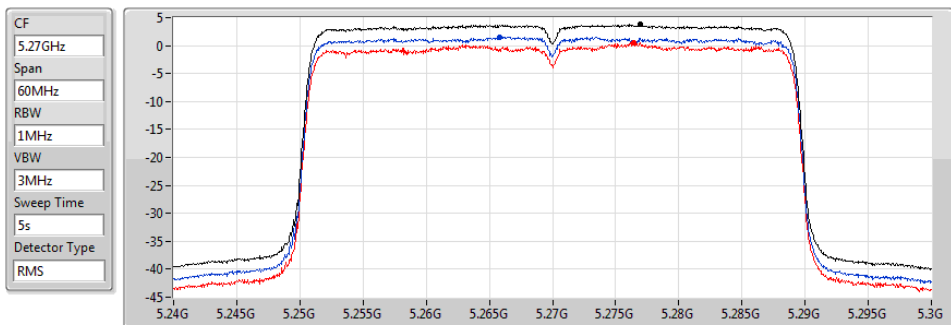
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.77	3.77	1.09	0.44

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5270MHz

PSD

04/12/2019



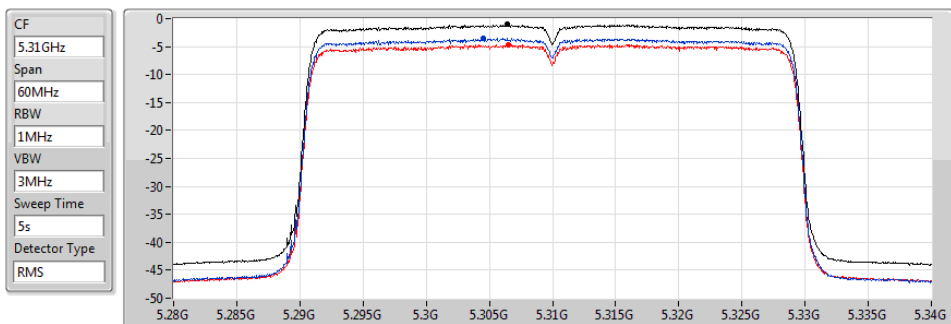
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.90	3.90	1.55	0.53

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5310MHz

PSD

04/12/2019



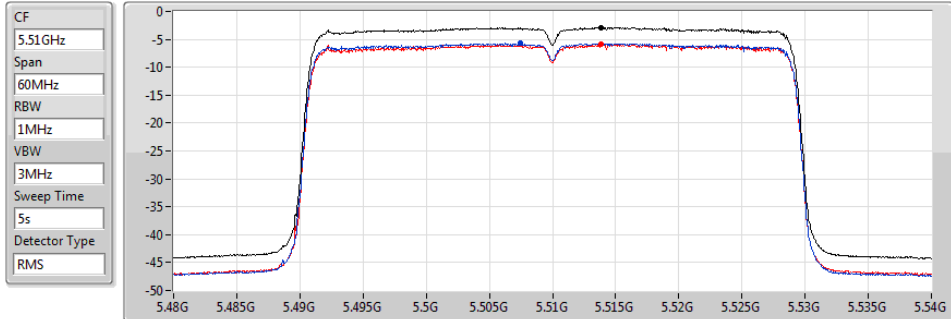
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.04	-1.04	-3.53	-4.61

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5510MHz

04/12/2019



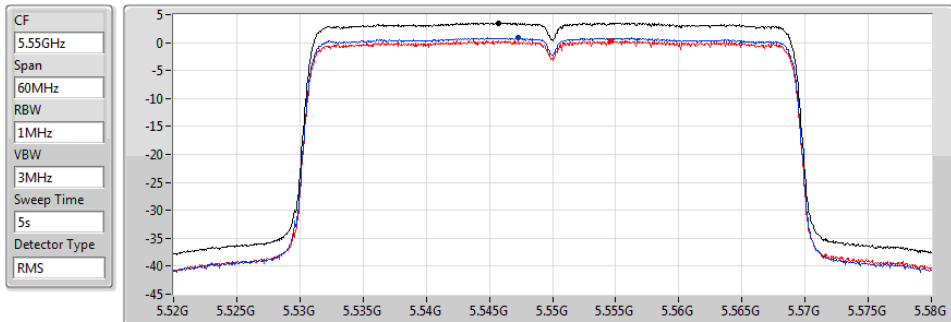
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.89	-2.89	-5.68	-5.92

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5550MHz

04/12/2019



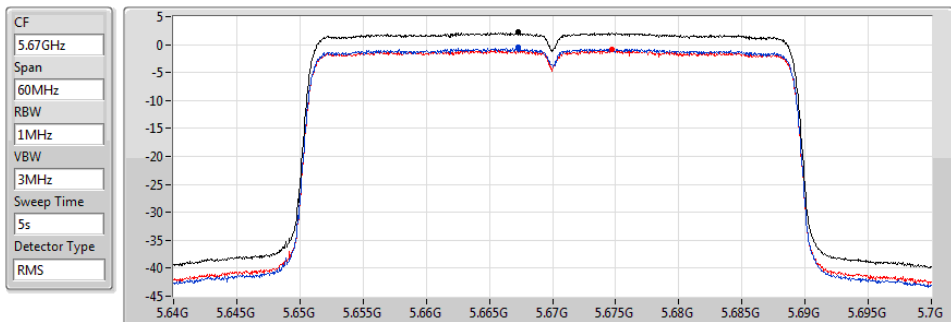
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.51	3.51	0.97	0.31

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5670MHz

04/12/2019



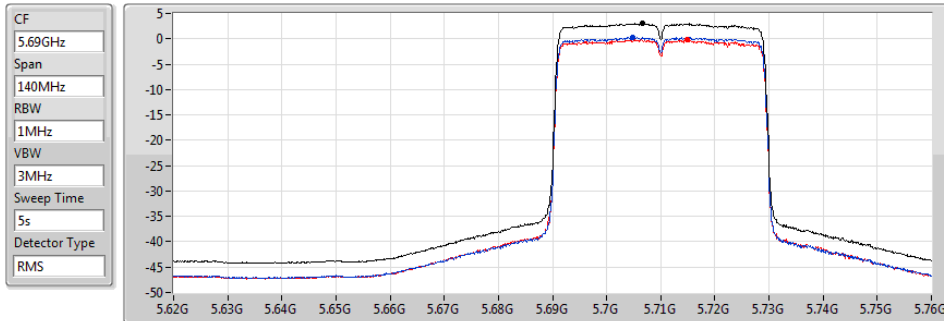
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.21	2.21	-0.45	-0.89

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

04/12/2019



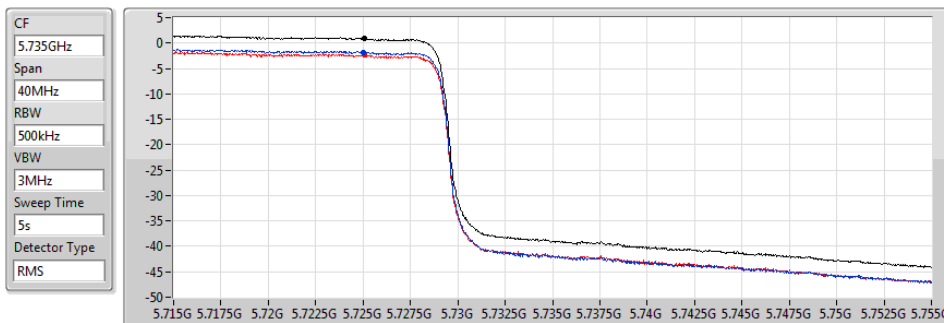
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.98	2.98	0.31	-0.17

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

04/12/2019



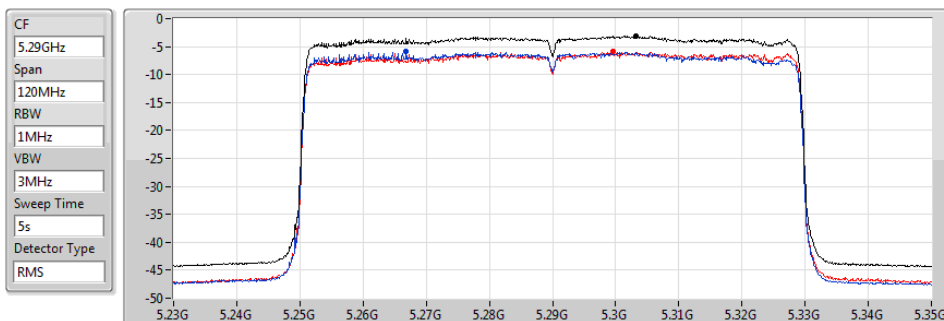
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.95	0.95	-1.81	-2.31

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5290MHz

04/12/2019



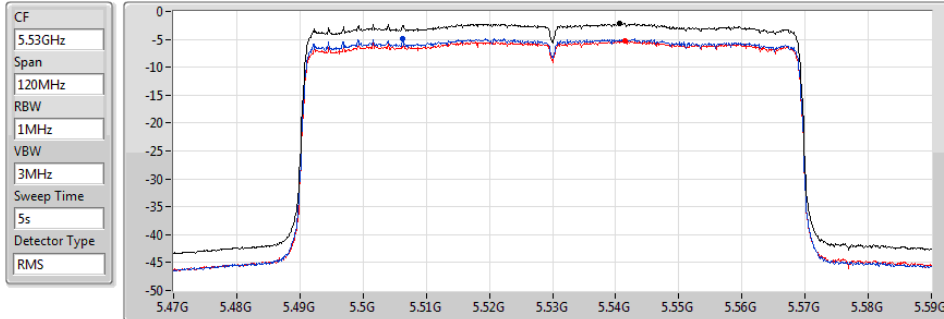
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.05	-3.05	-5.80	-5.92

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5530MHz

04/12/2019



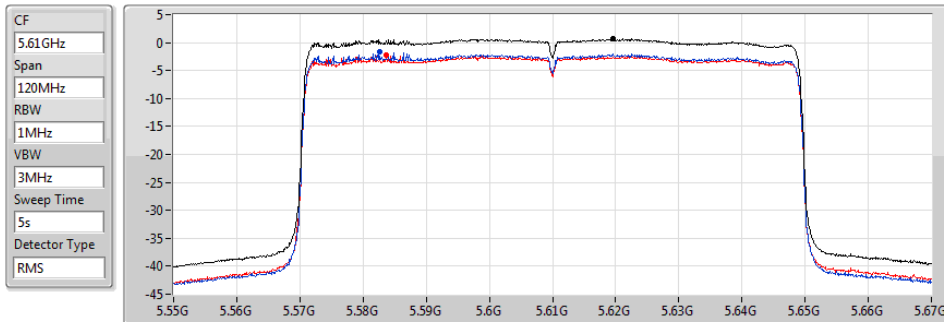
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.17	-2.17	-4.85	-5.34

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5610MHz

04/12/2019



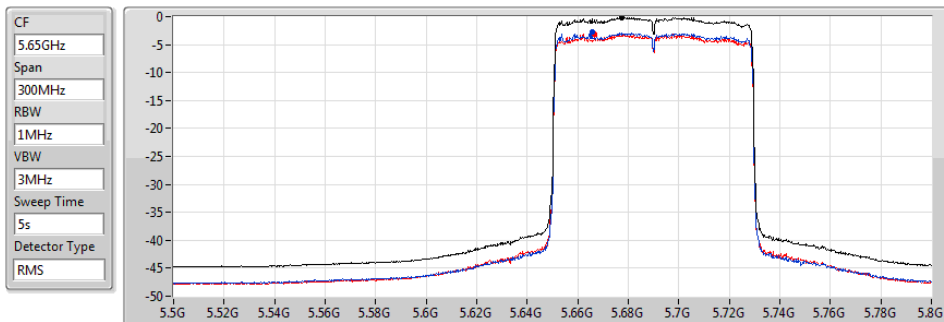
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.66	0.66	-1.69	-2.26

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

04/12/2019



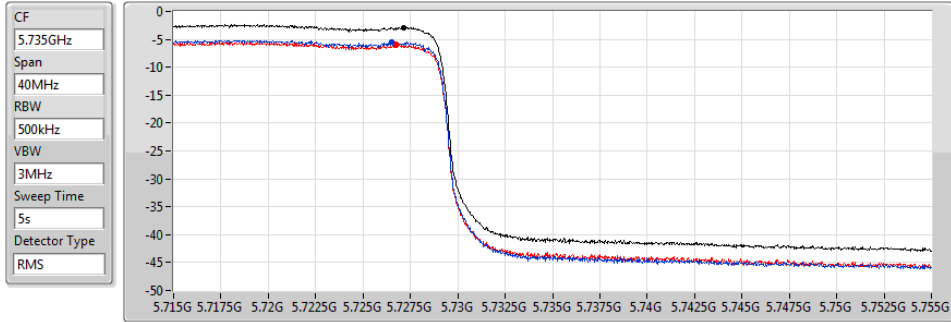
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.19	-0.19	-2.75	-3.18

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

04/12/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.86	-2.86	-5.51	-5.94

Sum	
Port 1	
Port 2	

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	3.27	16.98
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	0.90	14.61
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-1.17	12.54
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	3.28	16.99
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.90	14.61
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-1.27	12.44
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	3.22	16.93
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	0.80	14.51
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-2.38	11.33
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	3.15	16.86
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.89	14.60
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-2.18	11.53
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	1.08	14.79
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-1.85	11.86
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-5.99	7.72
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	1.02	14.73
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-1.87	11.84
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-5.74	7.97

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	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	13.71	0.55	-0.49	3.01	3.29	16.72	17.00
5300MHz_TnomVnom	Pass	13.71	0.37	-0.57	2.90	3.29	16.61	17.00
5320MHz_TnomVnom	Pass	13.71	0.77	-0.20	3.27	3.29	16.98	17.00
5500MHz_TnomVnom	Pass	13.71	0.41	-0.06	3.13	3.29	16.84	17.00
5580MHz_TnomVnom	Pass	13.71	0.50	0.04	3.22	3.29	16.93	17.00
5700MHz_TnomVnom	Pass	13.71	0.25	-0.11	3.02	3.29	16.73	17.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	13.71	0.04	-0.39	2.81	3.29	16.52	17.00
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	13.71	-1.72	-2.16	1.08	22.29	14.79	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	13.71	-1.56	-2.74	0.82	3.29	14.53	17.00
5310MHz_TnomVnom	Pass	13.71	-1.48	-2.65	0.90	3.29	14.61	17.00
5510MHz_TnomVnom	Pass	13.71	-2.02	-2.31	0.80	3.29	14.51	17.00
5550MHz_TnomVnom	Pass	13.71	-2.04	-2.39	0.67	3.29	14.38	17.00
5670MHz_TnomVnom	Pass	13.71	-2.35	-2.44	0.58	3.29	14.29	17.00
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	13.71	-2.65	-2.82	0.22	3.29	13.93	17.00
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	13.71	-4.51	-5.06	-1.85	22.29	11.86	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	13.71	-4.28	-3.91	-1.17	3.29	12.54	17.00
5530MHz_TnomVnom	Pass	13.71	-5.33	-5.70	-2.56	3.29	11.15	17.00
5610MHz_TnomVnom	Pass	13.71	-4.82	-5.46	-2.38	3.29	11.33	17.00
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	13.71	-5.84	-6.20	-3.13	3.29	10.58	17.00
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	13.71	-8.72	-9.18	-5.99	22.29	7.72	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	13.71	0.61	-0.38	3.10	3.29	16.81	17.00
5300MHz_TnomVnom	Pass	13.71	0.69	-0.33	3.12	3.29	16.83	17.00
5320MHz_TnomVnom	Pass	13.71	0.79	-0.24	3.28	3.29	16.99	17.00
5500MHz_TnomVnom	Pass	13.71	0.23	-0.12	3.02	3.29	16.73	17.00
5580MHz_TnomVnom	Pass	13.71	0.44	-0.08	3.15	3.29	16.86	17.00
5700MHz_TnomVnom	Pass	13.71	0.20	-0.12	3.01	3.29	16.72	17.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	13.71	0.15	-0.26	2.93	3.29	16.64	17.00
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	13.71	-1.80	-2.17	1.02	22.29	14.73	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	13.71	-1.62	-2.55	0.87	3.29	14.58	17.00
5310MHz_TnomVnom	Pass	13.71	-1.54	-2.62	0.90	3.29	14.61	17.00
5510MHz_TnomVnom	Pass	13.71	-1.97	-2.37	0.78	3.29	14.49	17.00
5550MHz_TnomVnom	Pass	13.71	-1.89	-2.20	0.89	3.29	14.60	17.00
5670MHz_TnomVnom	Pass	13.71	-2.13	-1.95	0.84	3.29	14.55	17.00
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	13.71	-2.64	-2.57	0.20	3.29	13.91	17.00
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	13.71	-4.80	-4.97	-1.87	22.29	11.84	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	13.71	-4.13	-3.97	-1.27	3.29	12.44	17.00
5530MHz_TnomVnom	Pass	13.71	-4.77	-5.21	-2.21	3.29	11.50	17.00
5610MHz_TnomVnom	Pass	13.71	-4.76	-5.25	-2.18	3.29	11.53	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)
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	13.71	-5.54	-5.69	-2.97	3.29	10.74	17.00
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	13.71	-8.38	-8.95	-5.74	22.29	7.97	36.00

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

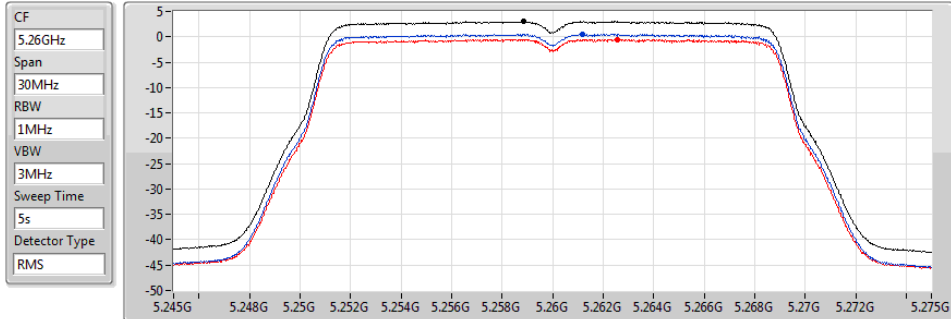
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5260MHz

04/12/2019



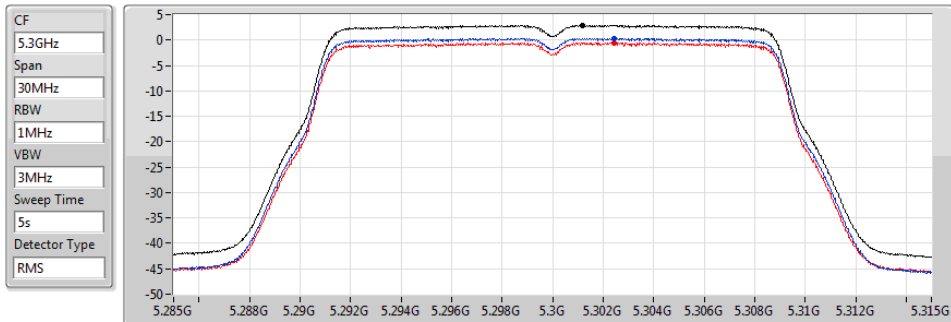
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
3.01	3.01	0.55	-0.49

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5300MHz

04/12/2019



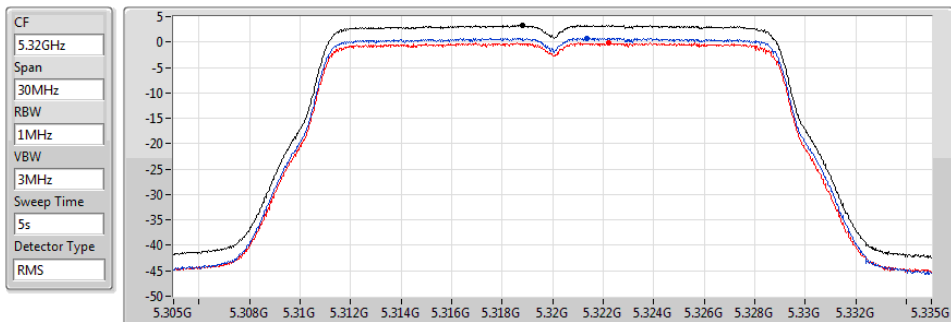
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
2.90	2.90	0.37	-0.57

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5320MHz

04/12/2019



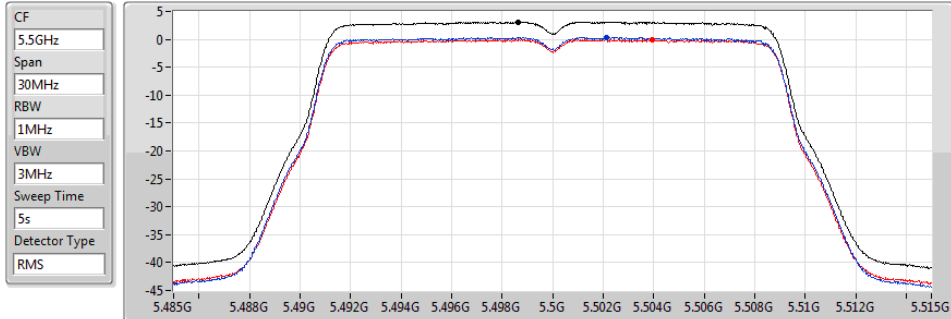
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
3.27	3.27	0.77	-0.20

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5500MHz

04/12/2019



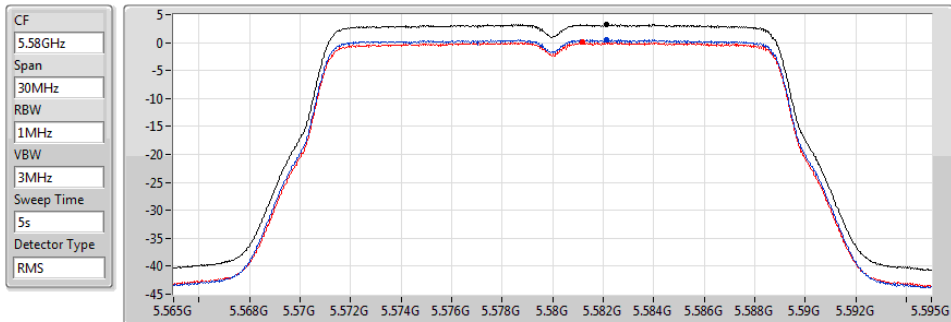
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.13	3.13	0.41	-0.06

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5580MHz

04/12/2019



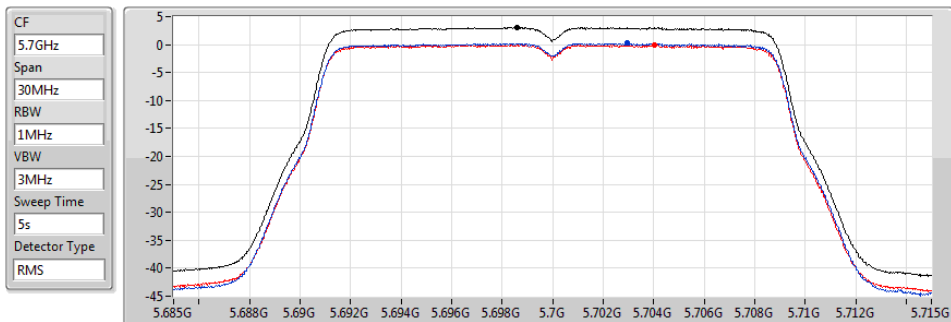
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.22	3.22	0.50	0.04

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5700MHz

04/12/2019



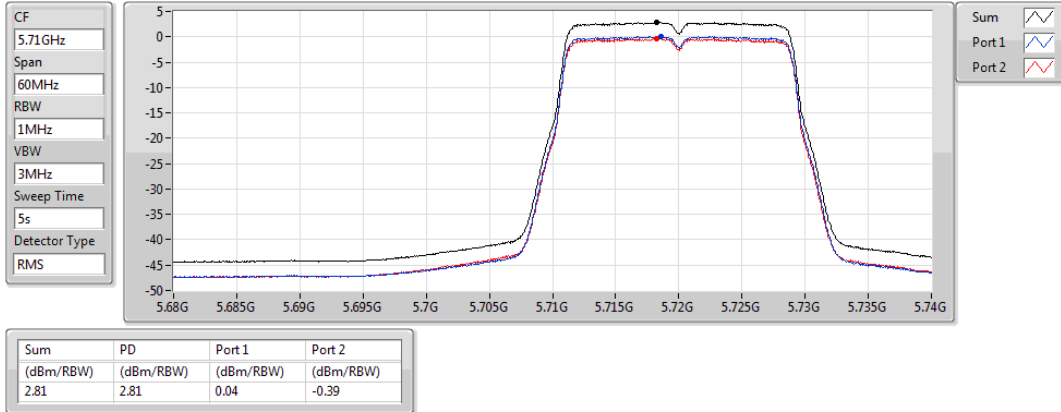
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.02	3.02	0.25	-0.11

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

04/12/2019

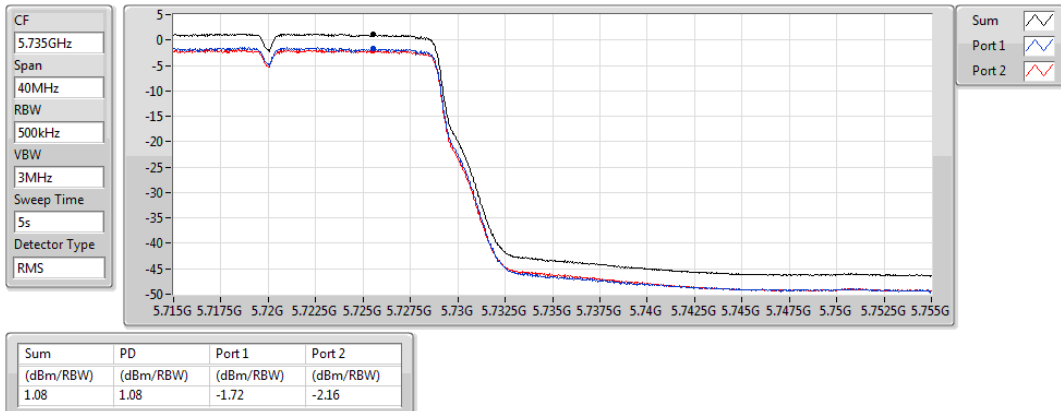


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

04/12/2019

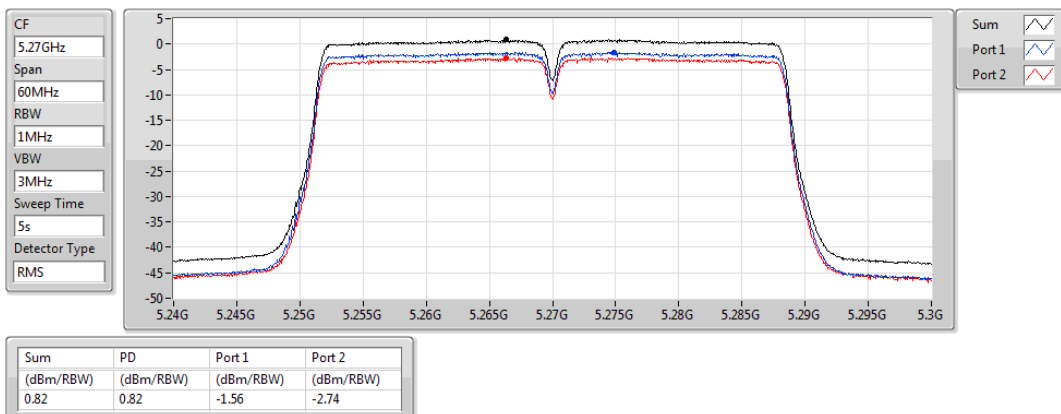


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5270MHz

04/12/2019

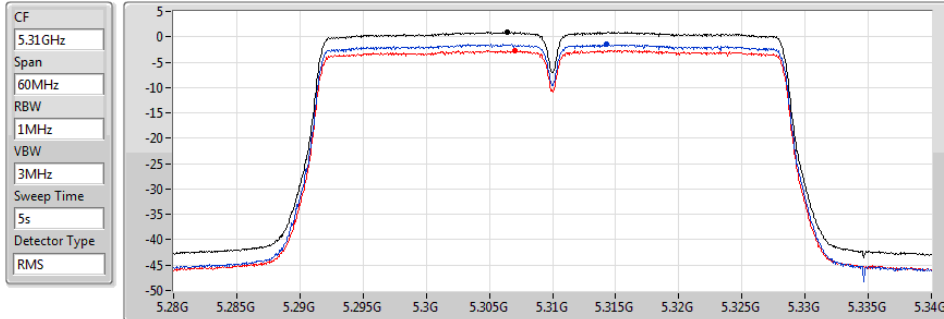


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5310MHz

04/12/2019



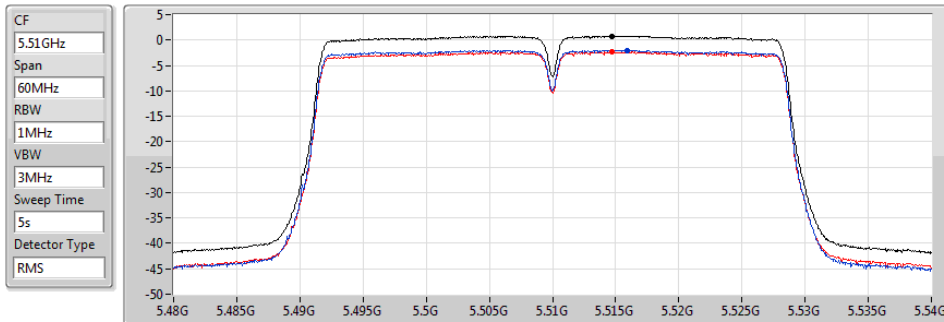
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.90	0.90	-1.48	-2.65

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5510MHz

04/12/2019



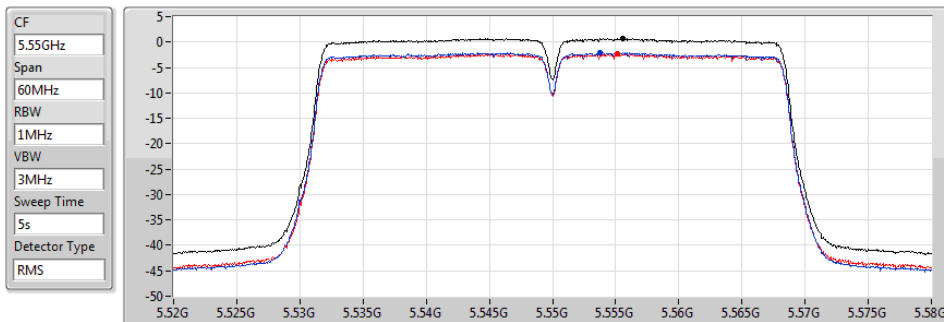
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.80	0.80	-2.02	-2.31

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5550MHz

04/12/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.67	0.67	-2.04	-2.39

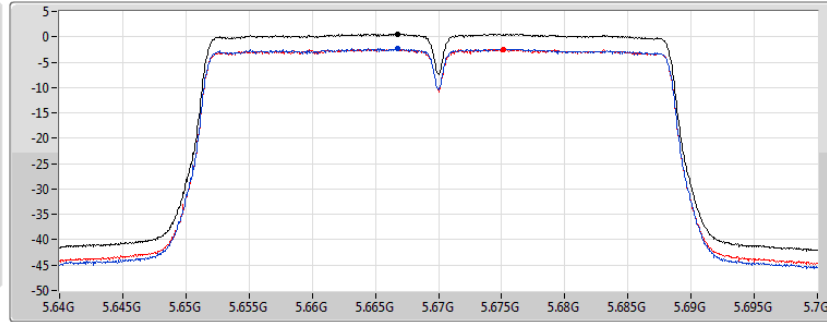
802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5670MHz

04/12/2019

CF
5.67GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
5s
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	-2.35	-2.44

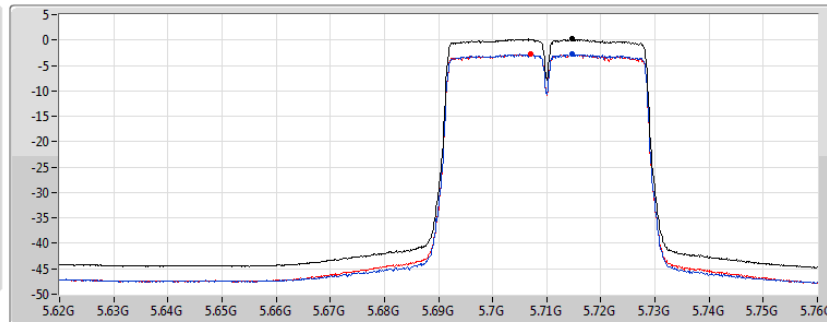
802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

04/12/2019

CF
5.69GHz
Span
140MHz
RBW
1MHz
VBW
3MHz
Sweep Time
5s
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.22	0.22	-2.65	-2.82

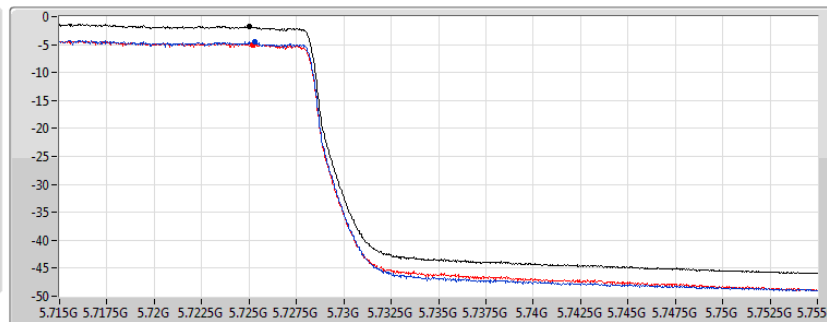
802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

04/12/2019

CF
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
5s
Detector Type
RMS



Sum
Port 1
Port 2

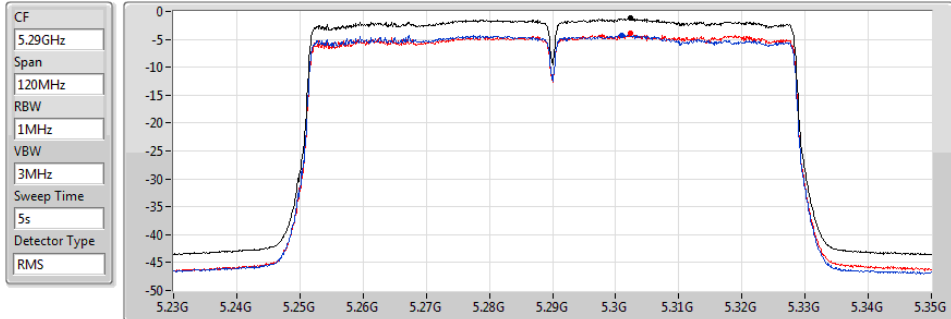
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.85	-1.85	-4.51	-5.06

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5290MHz

04/12/2019



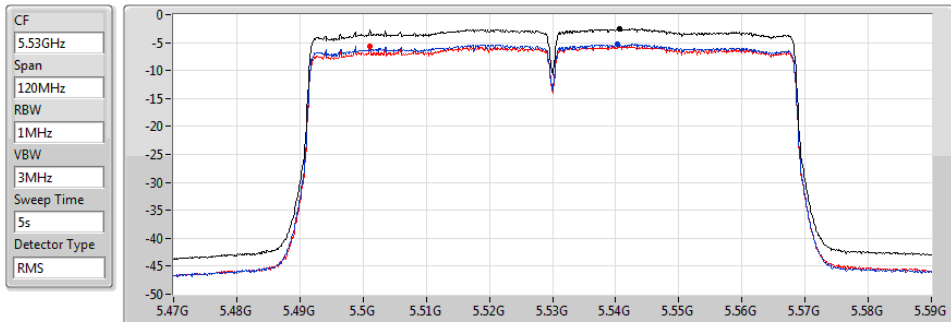
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.17	-1.17	-4.28	-3.91

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5530MHz

04/12/2019



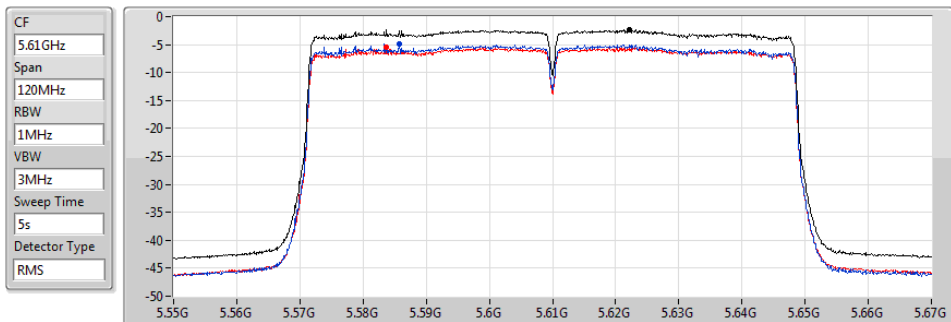
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.56	-2.56	-5.33	-5.70

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5610MHz

04/12/2019



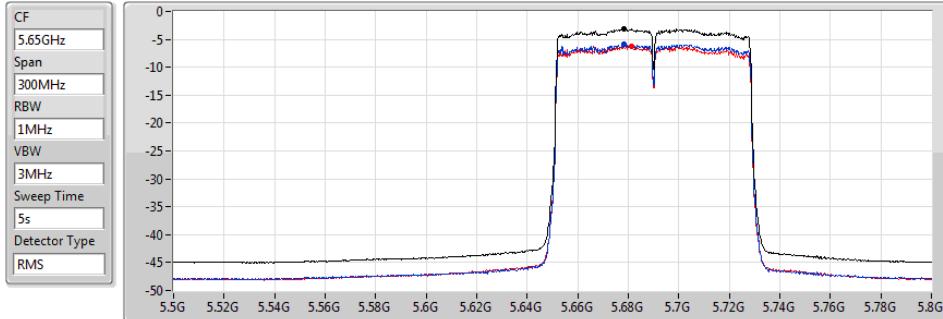
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.38	-2.38	-4.82	-5.46

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

04/12/2019



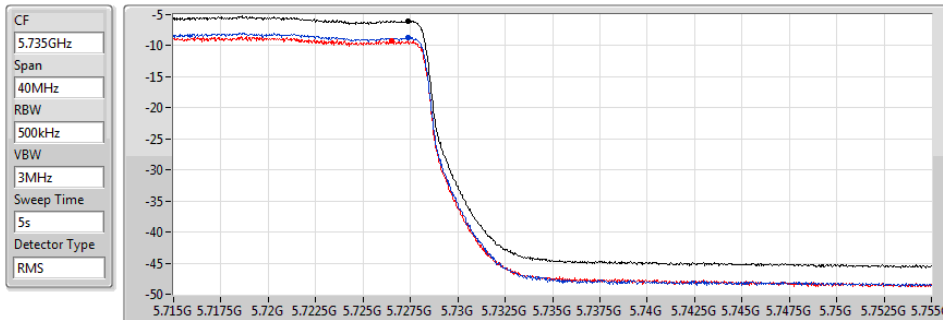
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.13	-3.13	-5.84	-6.20

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

04/12/2019



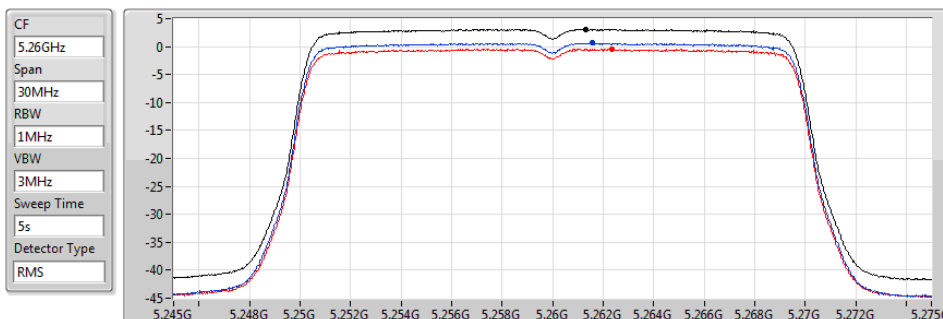
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.99	-5.99	-8.72	-9.18

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5260MHz

04/12/2019



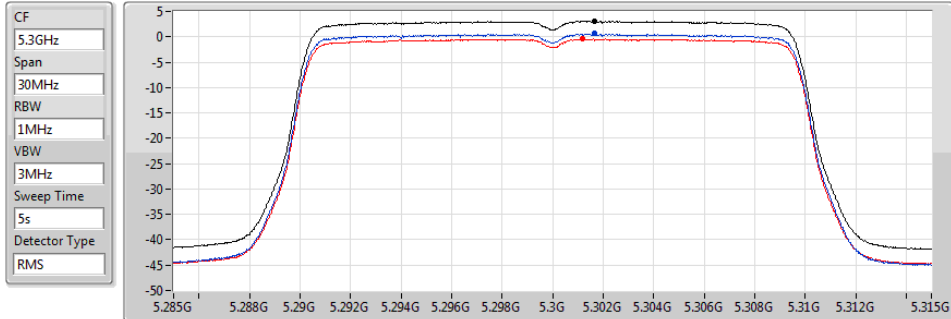
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.10	3.10	0.61	-0.38

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5300MHz

04/12/2019



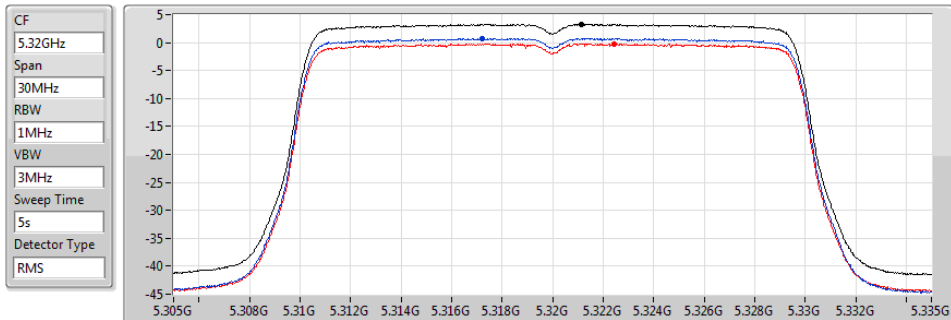
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.12	3.12	0.69	-0.33

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5320MHz

04/12/2019



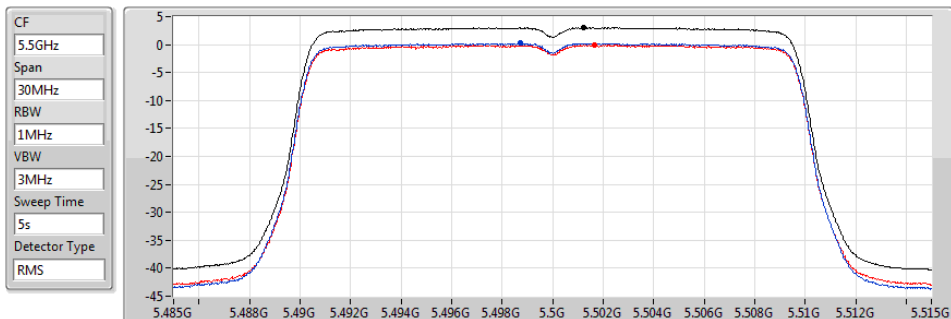
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.28	3.28	0.79	-0.24

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5500MHz

04/12/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.02	3.02	0.23	-0.12

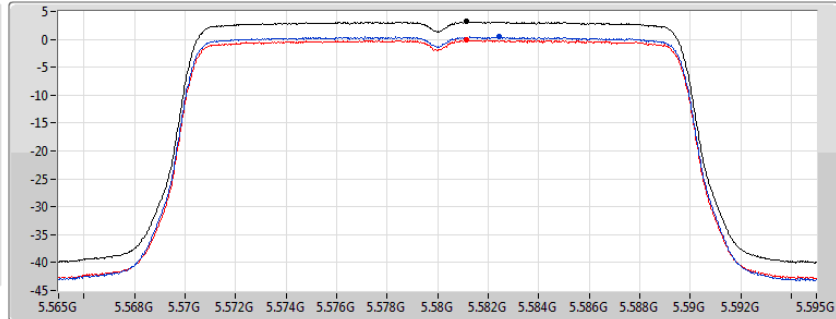
802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5580MHz

04/12/2019

CF
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
5s
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.15	3.15	0.44	-0.08

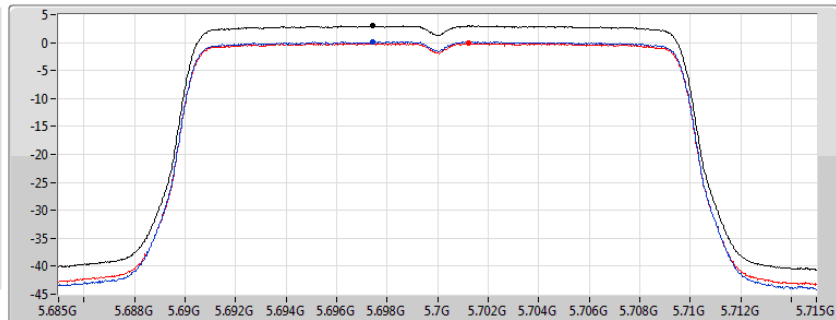
802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5700MHz

04/12/2019

CF
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
5s
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.01	3.01	0.20	-0.12

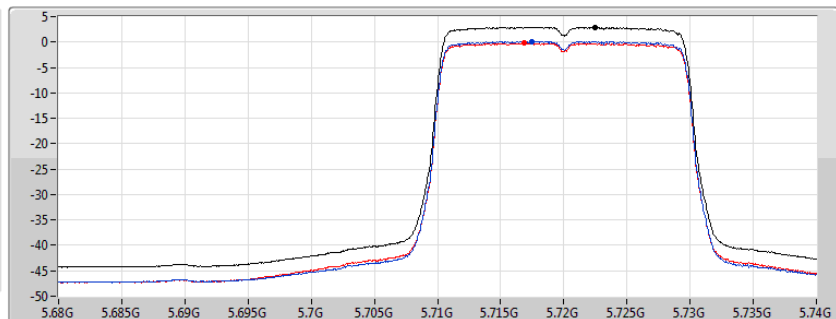
802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

04/12/2019

CF
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
5s
Detector Type
RMS



Sum
Port 1
Port 2

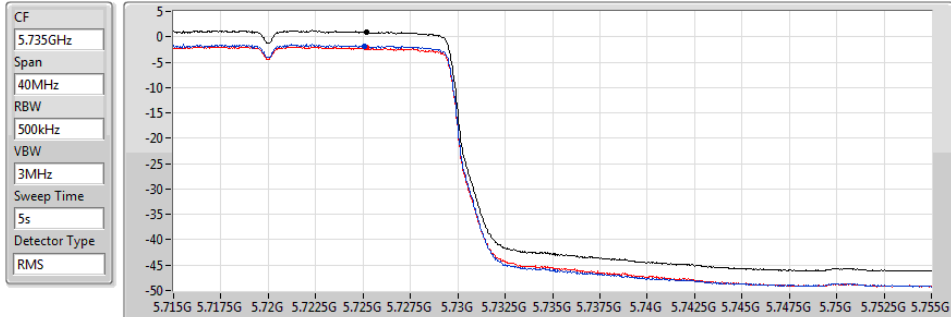
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.93	2.93	0.15	-0.26

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

04/12/2019



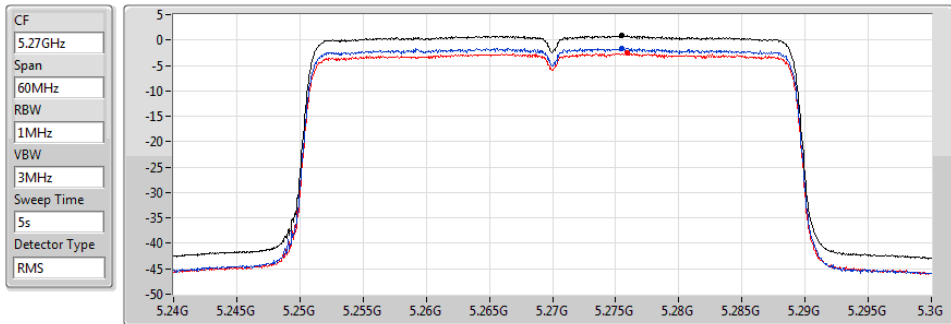
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.02	1.02	-1.80	-2.17

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5270MHz

04/12/2019



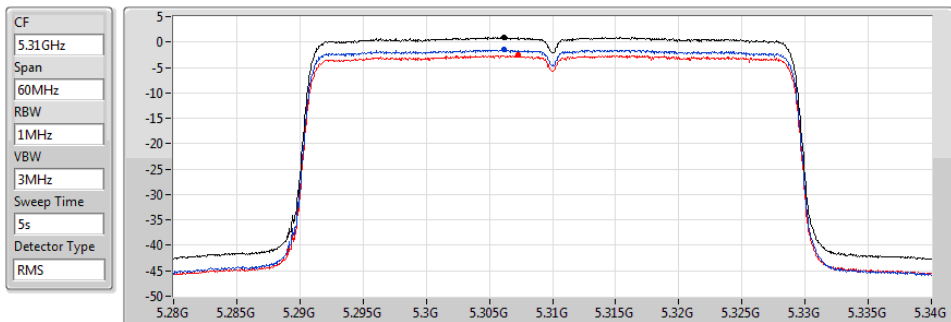
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.87	0.87	-1.62	-2.55

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5310MHz

04/12/2019



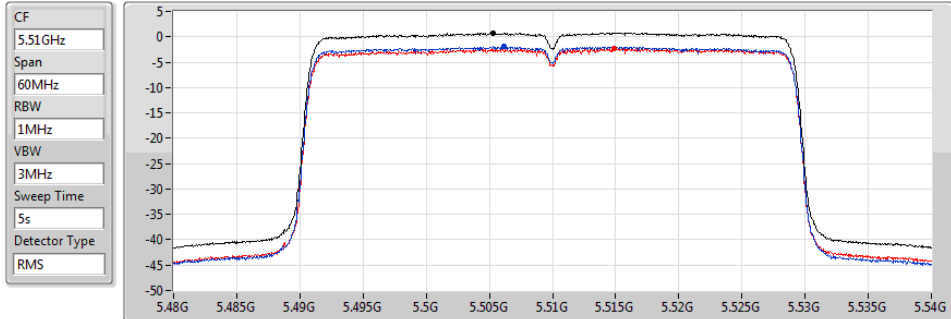
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.90	0.90	-1.54	-2.62

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5510MHz

04/12/2019



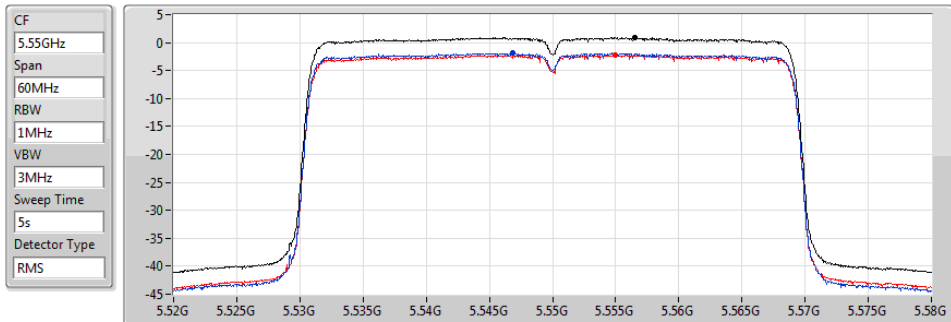
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.78	0.78	-1.97	-2.37

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5550MHz

04/12/2019



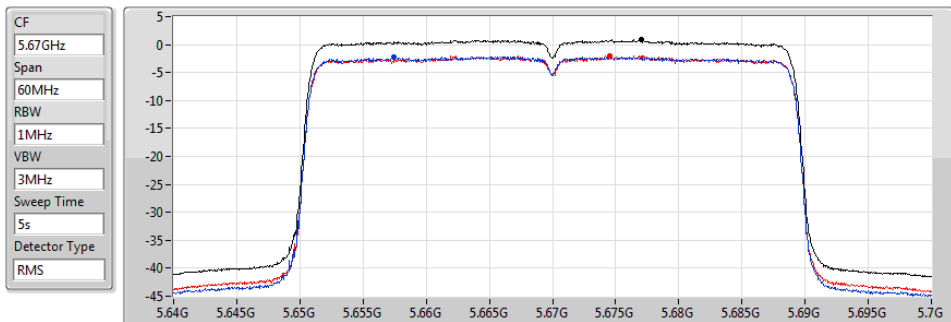
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.89	0.89	-1.89	-2.20

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5670MHz

04/12/2019



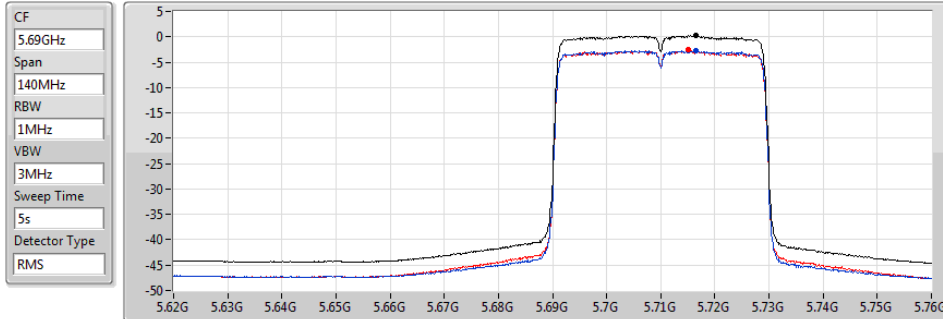
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.84	0.84	-2.13	-1.95

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

04/12/2019



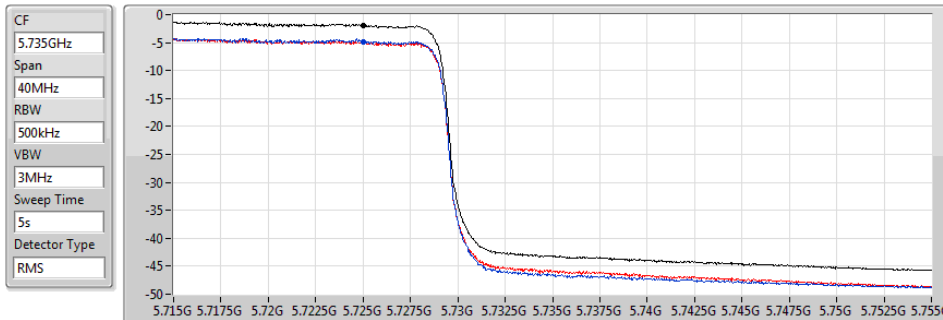
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.20	0.20	-2.64	-2.57

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

04/12/2019



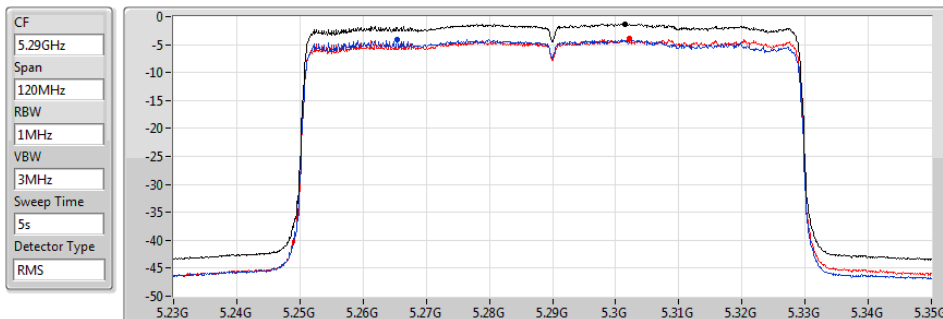
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.87	-1.87	-4.80	-4.97

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5290MHz

04/12/2019



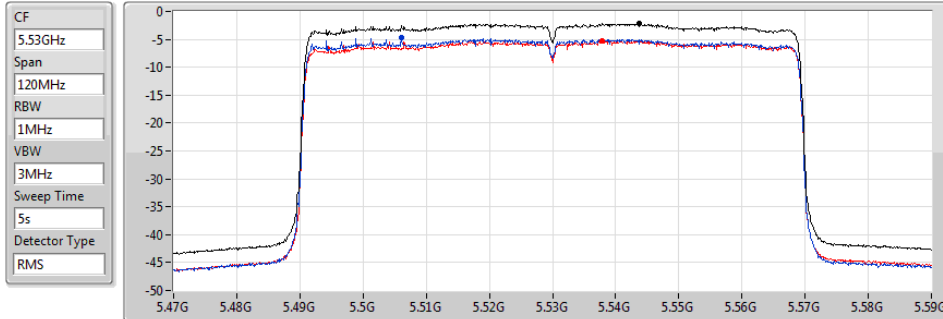
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.27	-1.27	-4.13	-3.97

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5530MHz

04/12/2019



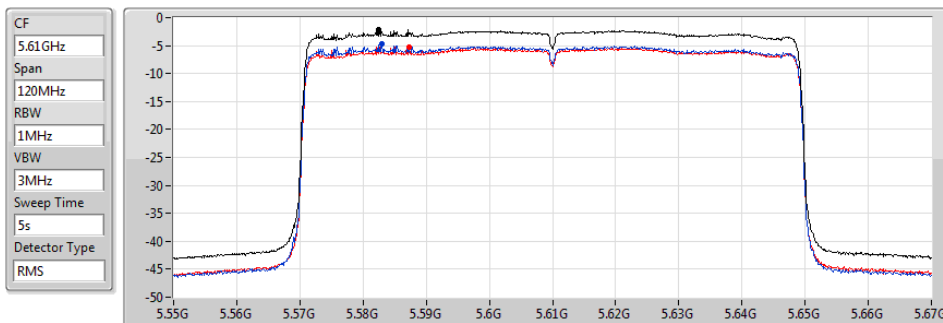
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-2.21	-2.21	-4.77	-5.21

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5610MHz

04/12/2019



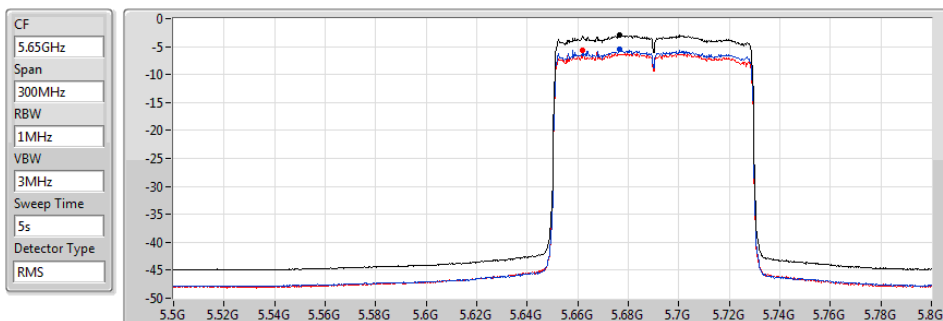
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-2.18	-2.18	-4.76	-5.25

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

04/12/2019



Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-2.97	-2.97	-5.54	-5.69

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

04/12/2019

