

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	11.58
802.11ac VHT20_Nss1,(MCS0)_4TX	11.45
802.11ac VHT40_Nss1,(MCS0)_4TX	9.50
802.11ac VHT80_Nss1,(MCS0)_4TX	0.69
802.11ax HEW20_Nss1,(MCS0)_4TX	11.54
802.11ax HEW40_Nss1,(MCS0)_4TX	9.79
802.11ax HEW80_Nss1,(MCS0)_4TX	1.46
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	15.10
802.11ac VHT20_Nss1,(MCS0)_4TX	14.74
802.11ac VHT40_Nss1,(MCS0)_4TX	10.60
802.11ac VHT80_Nss1,(MCS0)_4TX	2.70
802.11ax HEW20_Nss1,(MCS0)_4TX	14.89
802.11ax HEW40_Nss1,(MCS0)_4TX	10.70
802.11ax HEW80_Nss1,(MCS0)_4TX	3.55

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.38	5.28	6.22	5.47	5.57	11.54	11.62
5200MHz	Pass	11.38	5.14	6.18	5.69	5.56	11.58	11.62
5240MHz	Pass	11.38	5.06	6.26	5.41	5.03	11.40	11.62
5745MHz	Pass	11.38	8.93	9.80	9.06	9.00	14.99	24.62
5785MHz	Pass	11.38	9.35	9.81	8.95	8.95	15.10	24.62
5825MHz	Pass	11.38	9.05	9.78	8.71	8.85	14.87	24.62
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.38	2.74	3.17	3.00	3.08	8.91	11.62
5200MHz	Pass	11.38	5.14	6.02	5.52	5.38	11.45	11.62
5240MHz	Pass	11.38	5.12	6.18	5.50	4.94	11.39	11.62
5745MHz	Pass	11.38	8.25	9.00	8.17	8.07	14.27	24.62
5785MHz	Pass	11.38	8.72	9.40	8.62	8.51	14.73	24.62
5825MHz	Pass	11.38	8.74	9.75	8.65	8.49	14.74	24.62
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	11.38	-1.72	-1.23	-1.53	-1.56	4.37	11.62
5230MHz	Pass	11.38	3.01	4.54	3.71	3.21	9.50	11.62
5755MHz	Pass	11.38	3.73	4.35	3.57	3.60	9.69	24.62
5795MHz	Pass	11.38	4.83	5.37	4.39	4.26	10.60	24.62
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	11.38	-5.47	-4.90	-5.18	-5.39	0.69	11.62
5775MHz	Pass	11.38	-3.49	-2.35	-3.34	-3.45	2.70	24.62
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.38	2.61	3.01	2.79	2.85	8.81	11.62
5200MHz	Pass	11.38	5.31	6.02	5.76	5.40	11.54	11.62
5240MHz	Pass	11.38	5.21	6.06	5.61	5.17	11.48	11.62
5745MHz	Pass	11.38	8.33	8.85	8.44	7.75	14.24	24.62
5785MHz	Pass	11.38	9.06	9.54	8.85	8.38	14.89	24.62
5825MHz	Pass	11.38	8.91	9.81	8.66	8.54	14.89	24.62
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	11.38	-1.65	-1.20	-1.28	-1.37	4.56	11.62
5230MHz	Pass	11.38	3.27	4.99	3.88	3.54	9.79	11.62
5755MHz	Pass	11.38	3.88	4.42	3.78	3.45	9.83	24.62
5795MHz	Pass	11.38	4.98	5.29	4.64	4.17	10.70	24.62
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	11.38	-4.42	-4.10	-4.24	-4.52	1.46	11.62
5775MHz	Pass	11.38	-2.65	-1.47	-2.75	-2.75	3.55	24.62

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

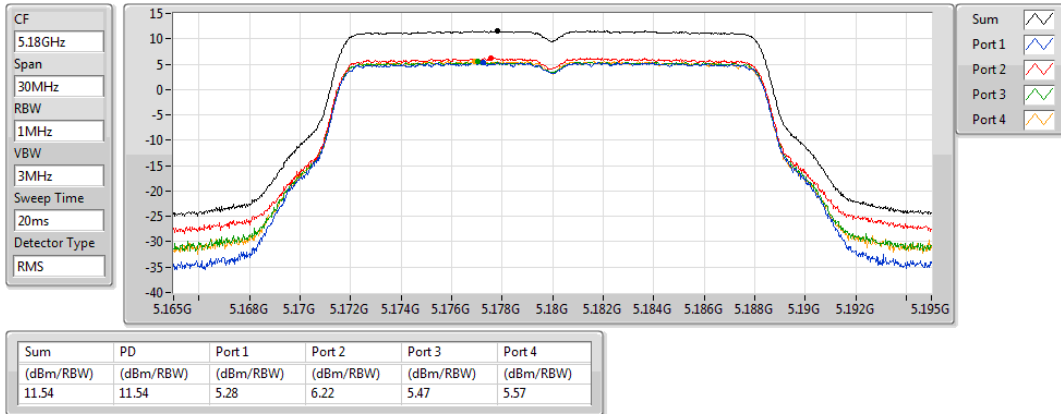
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_4TX

5180MHz

PSD

26/09/2019

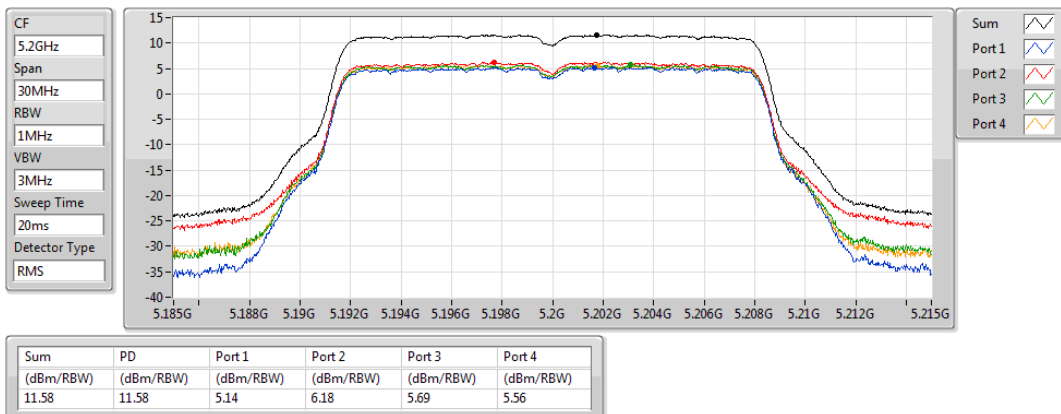


802.11a_Nss1,(6Mbps)_4TX

5200MHz

PSD

26/09/2019

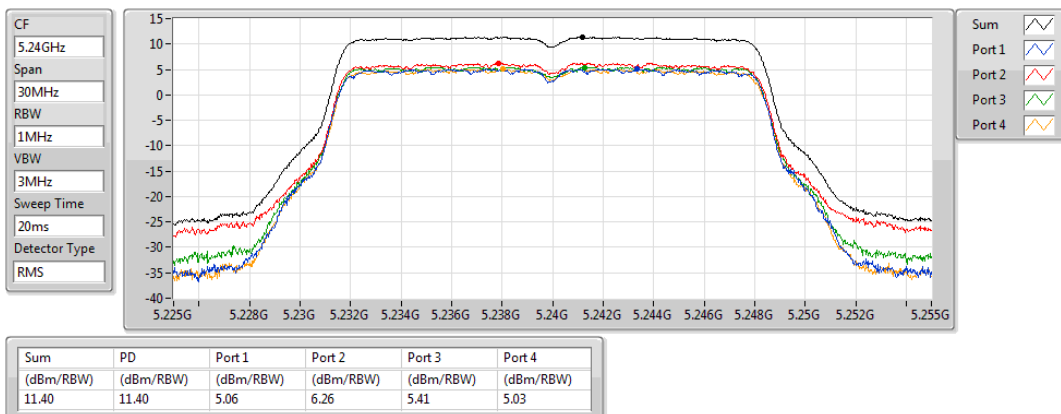


802.11a_Nss1,(6Mbps)_4TX

5240MHz

PSD

26/09/2019

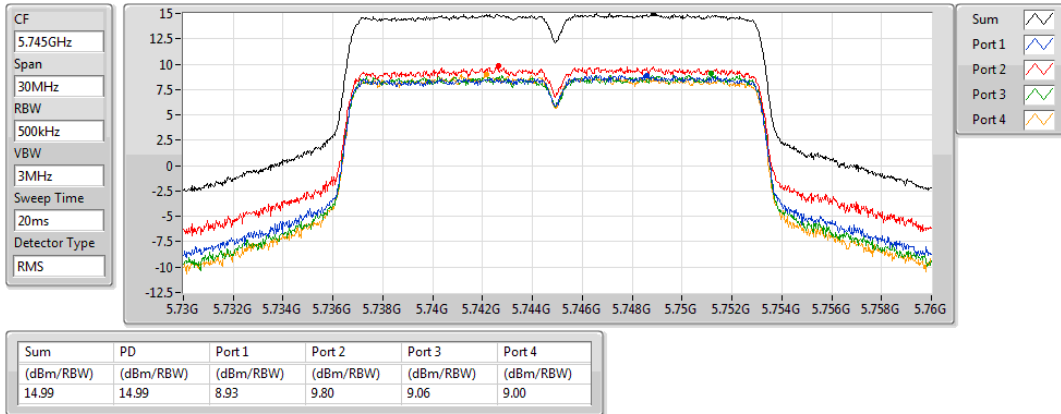


802.11a_Nss1,(6Mbps)_4TX

5745MHz

PSD

27/09/2019

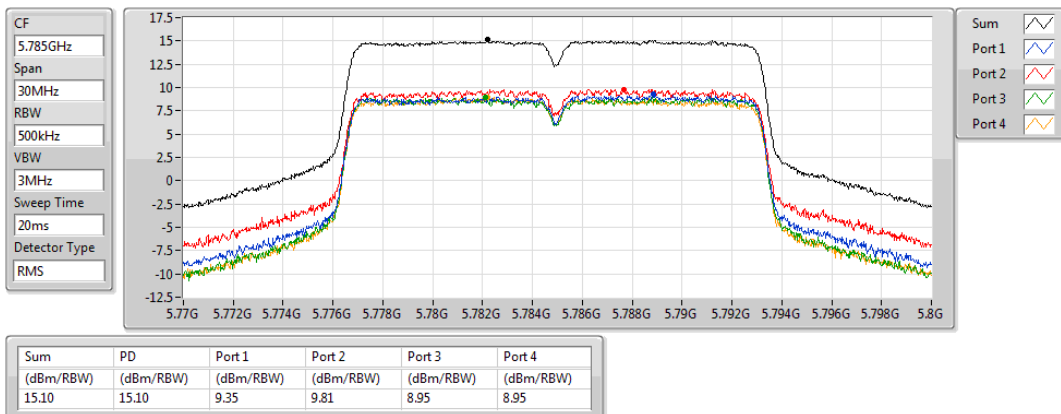


802.11a_Nss1,(6Mbps)_4TX

5785MHz

PSD

27/09/2019

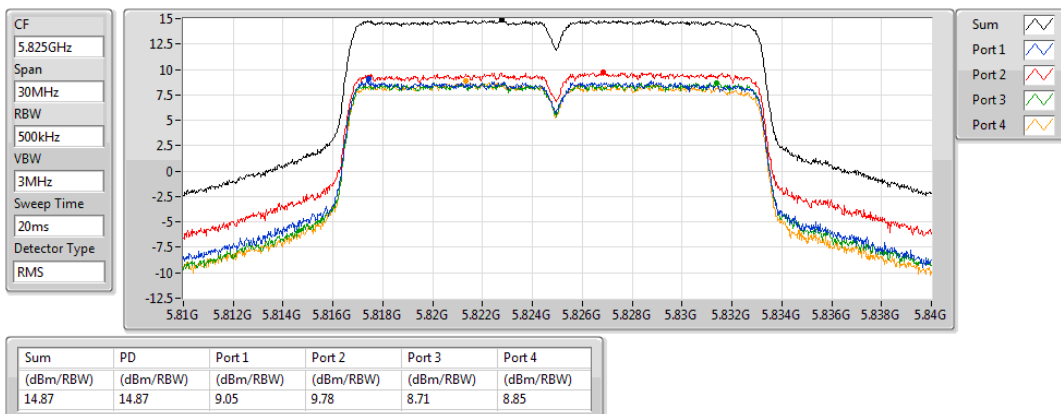


802.11a_Nss1,(6Mbps)_4TX

5825MHz

PSD

26/09/2019

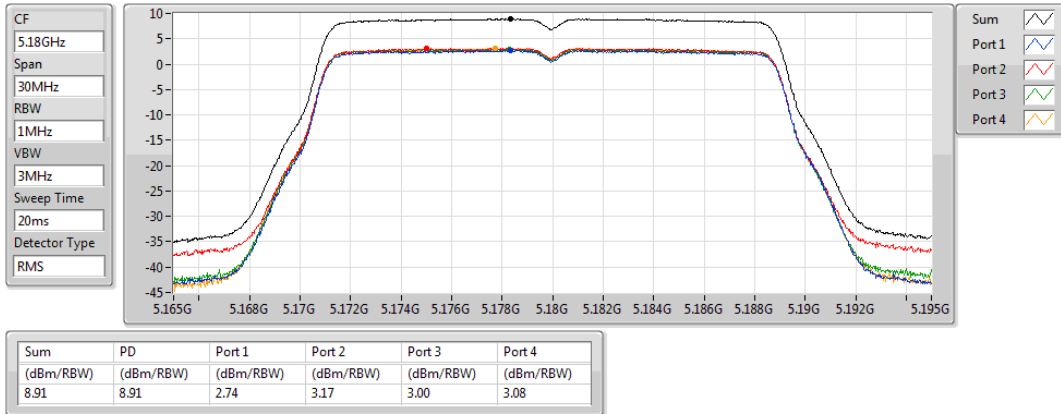


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5180MHz

26/09/2019

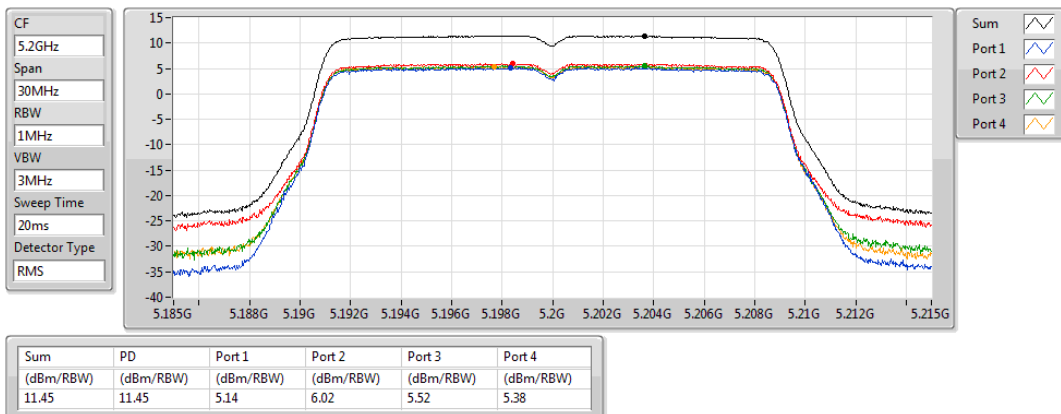


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5200MHz

26/09/2019

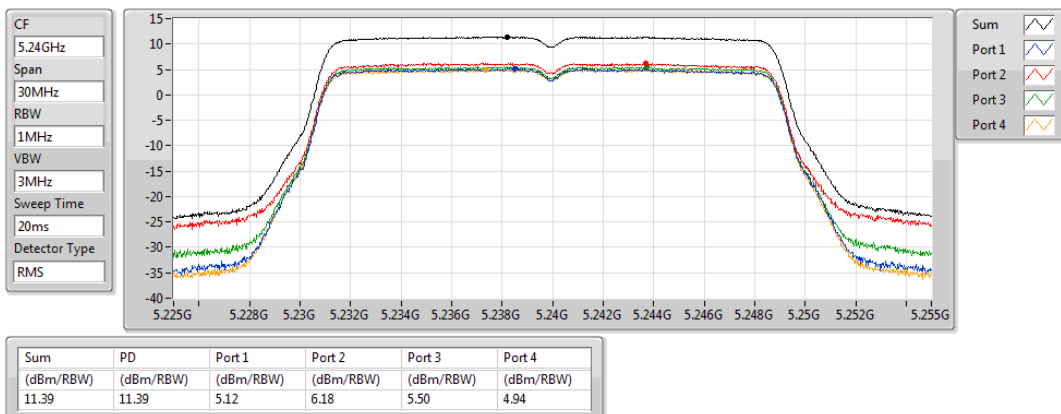


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5240MHz

26/09/2019

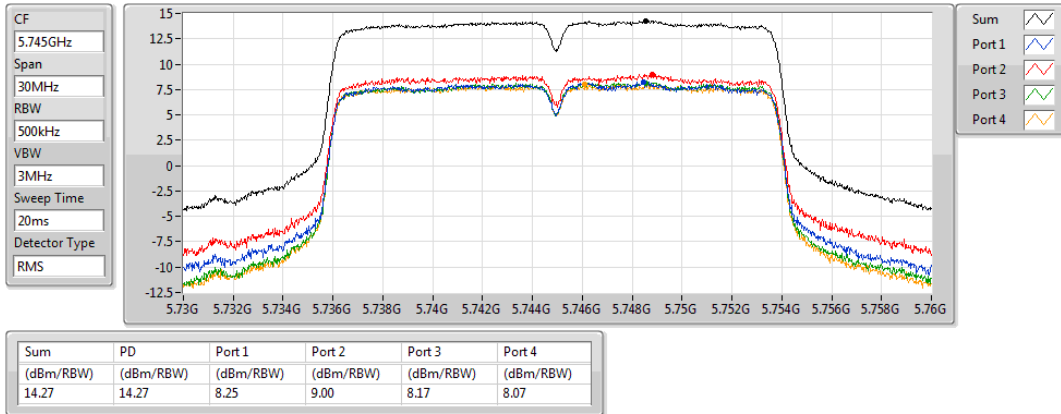


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5745MHz

26/09/2019

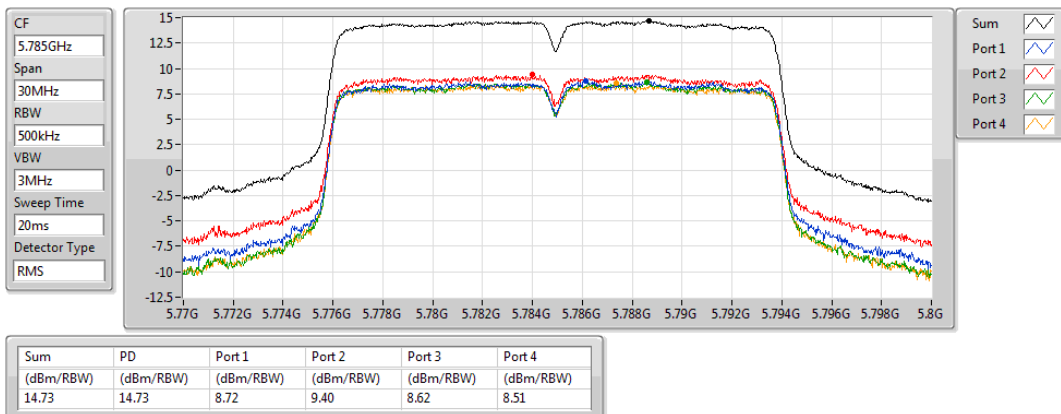


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5785MHz

26/09/2019

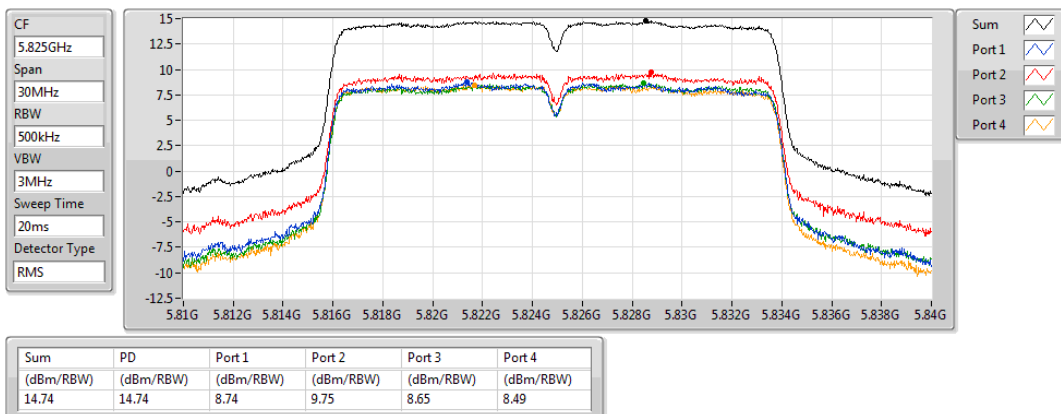


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5825MHz

26/09/2019

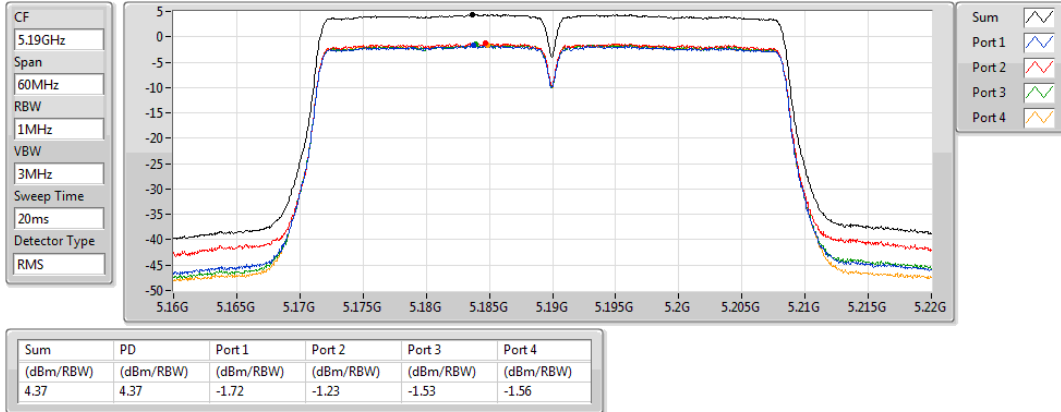


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5190MHz

26/09/2019

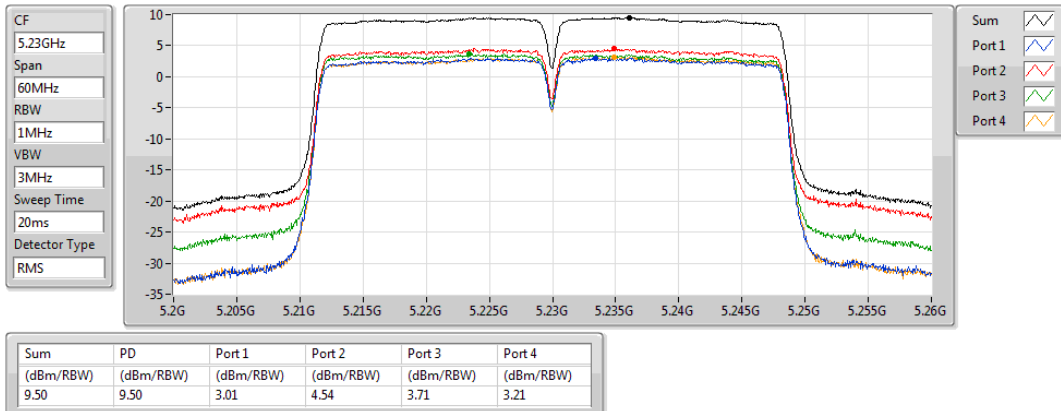


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5230MHz

26/09/2019

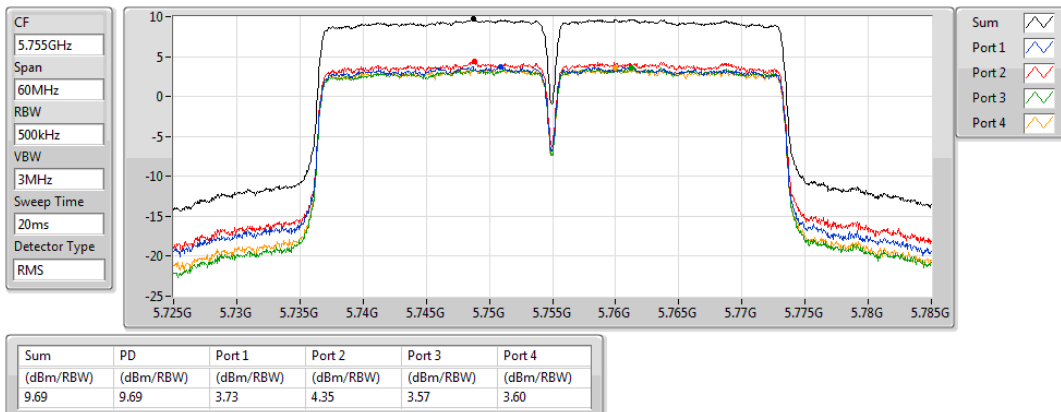


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5755MHz

26/09/2019

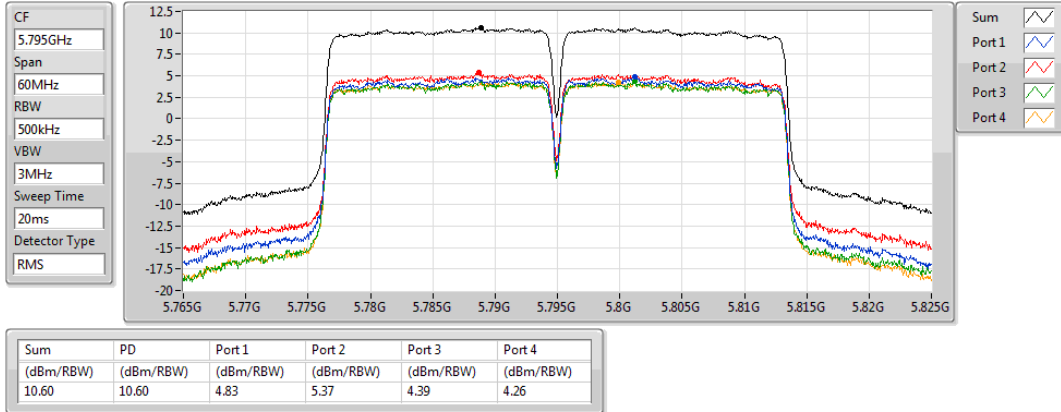


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5795MHz

26/09/2019

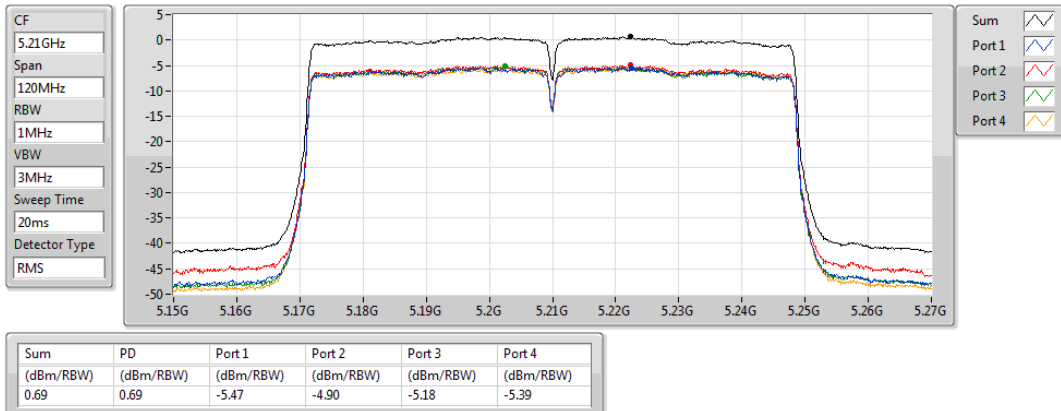


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5210MHz

26/09/2019

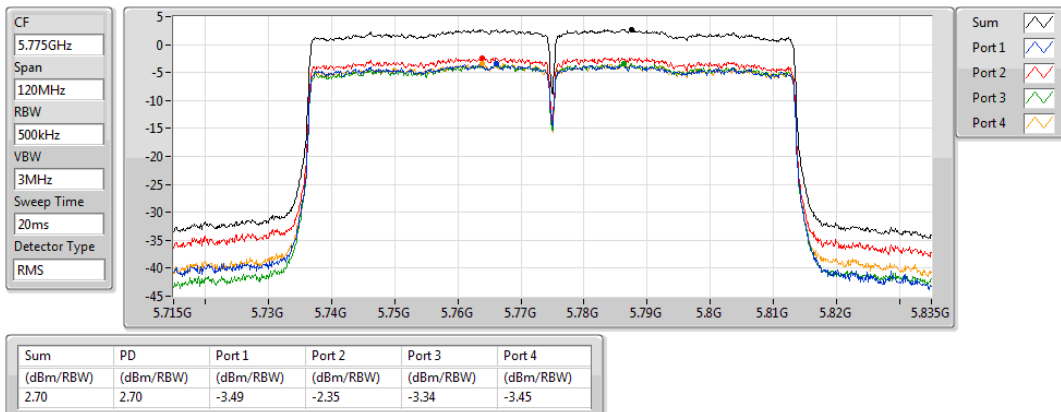


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5775MHz

26/09/2019

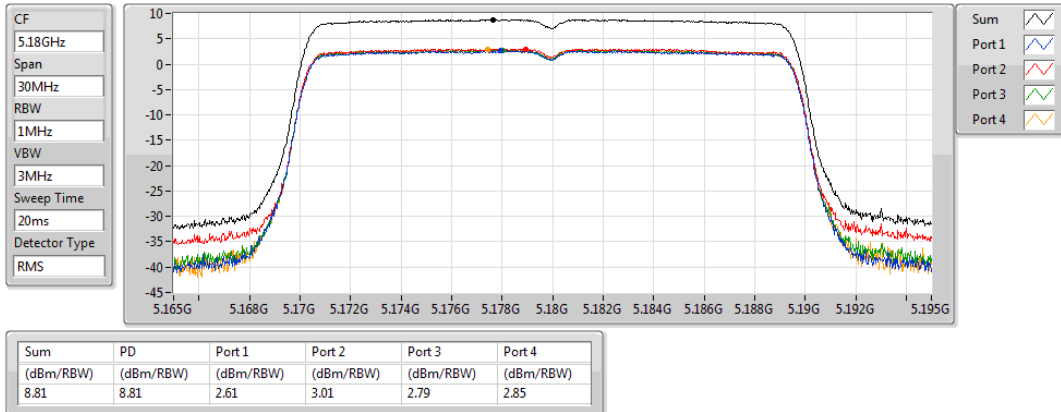


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5180MHz

26/09/2019

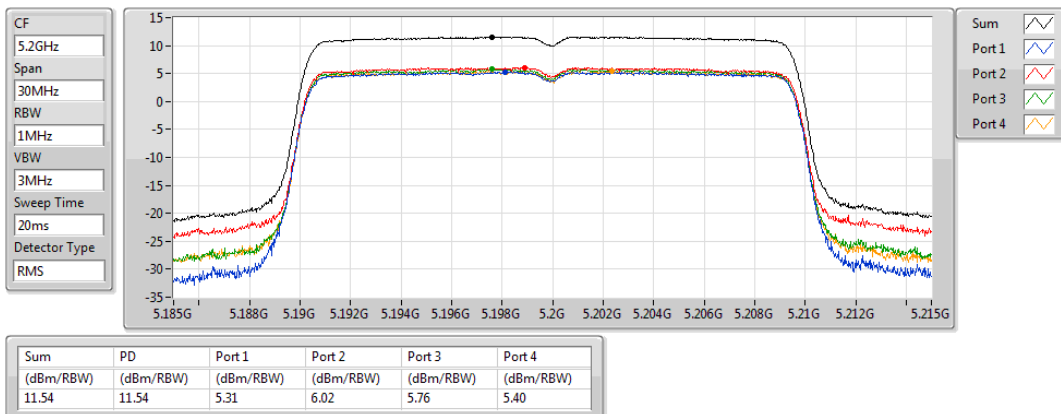


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5200MHz

26/09/2019

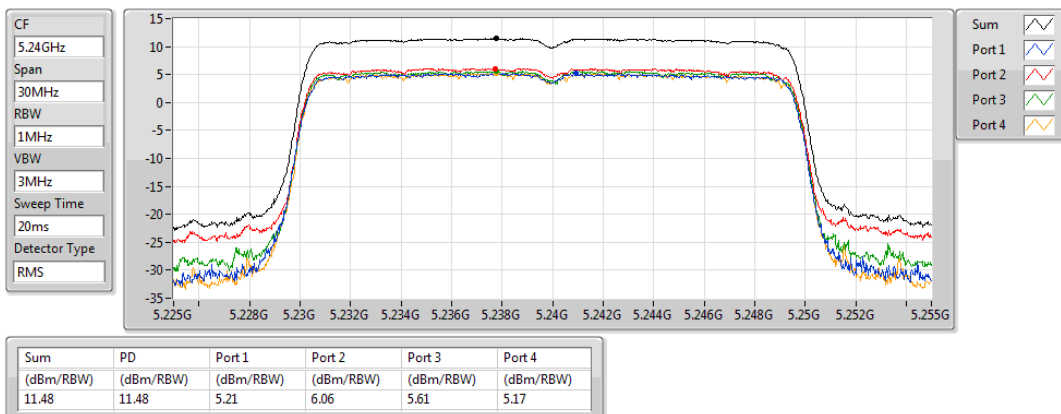


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5240MHz

26/09/2019

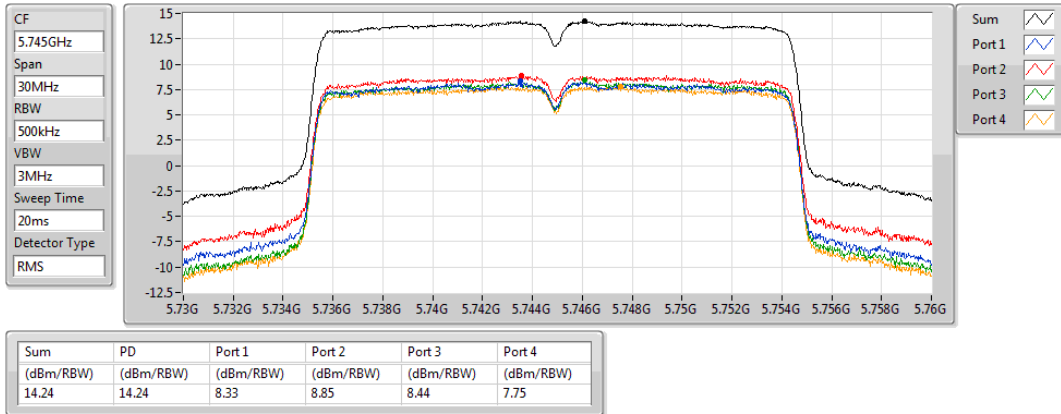


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5745MHz

26/09/2019

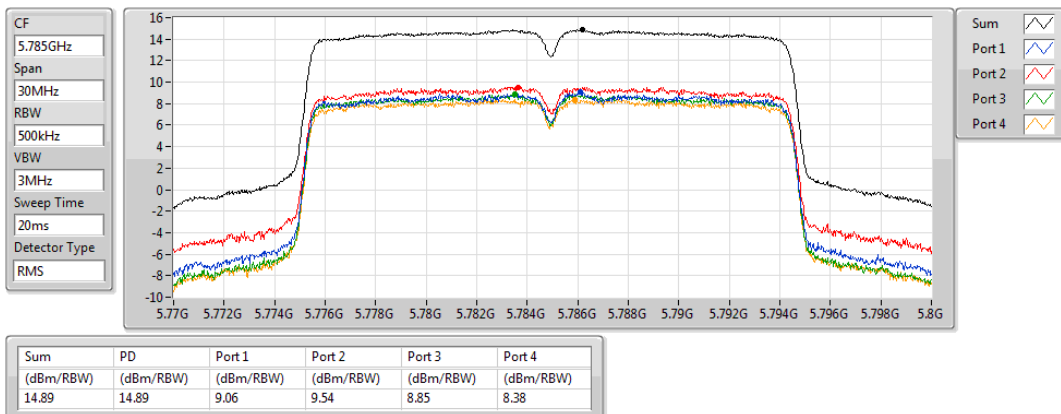


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5785MHz

26/09/2019

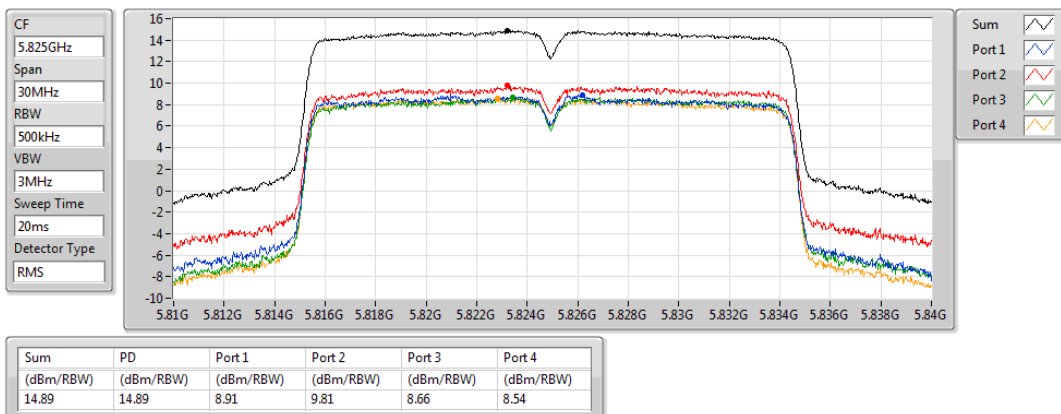


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5825MHz

26/09/2019

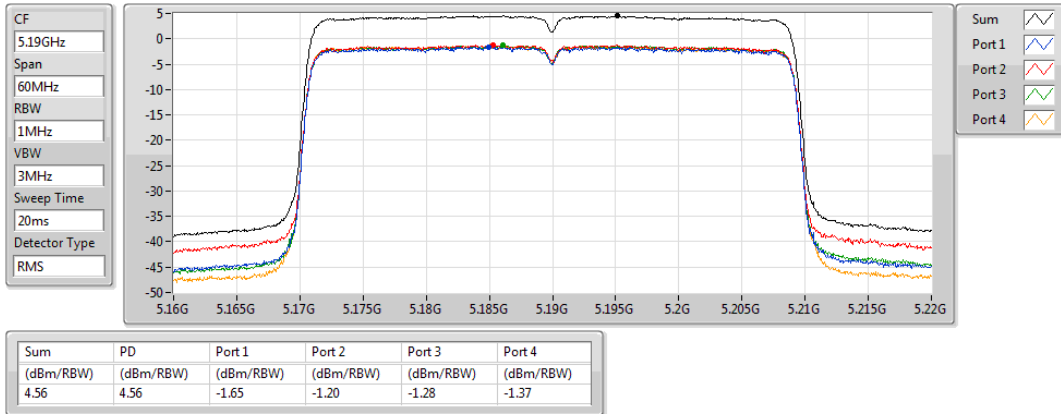


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5190MHz

26/09/2019

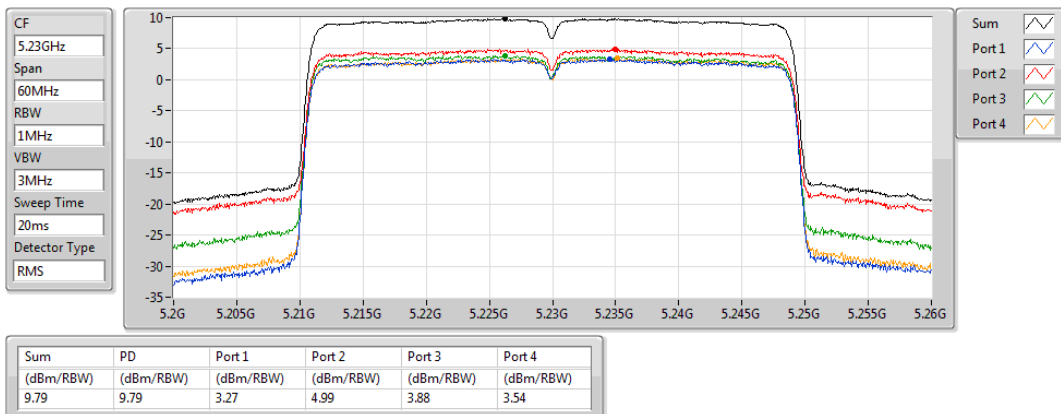


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5230MHz

26/09/2019

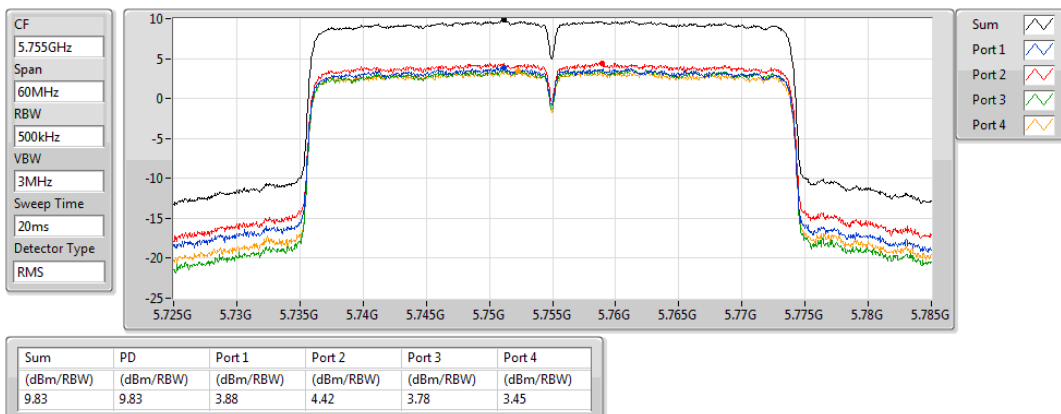


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5755MHz

26/09/2019

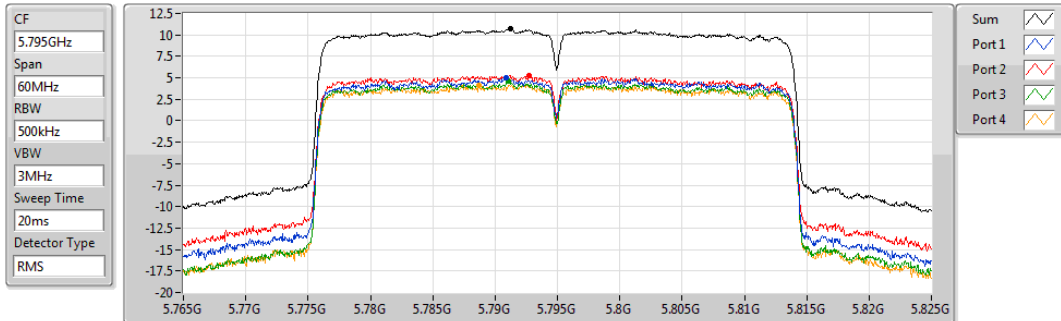


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5795MHz

26/09/2019



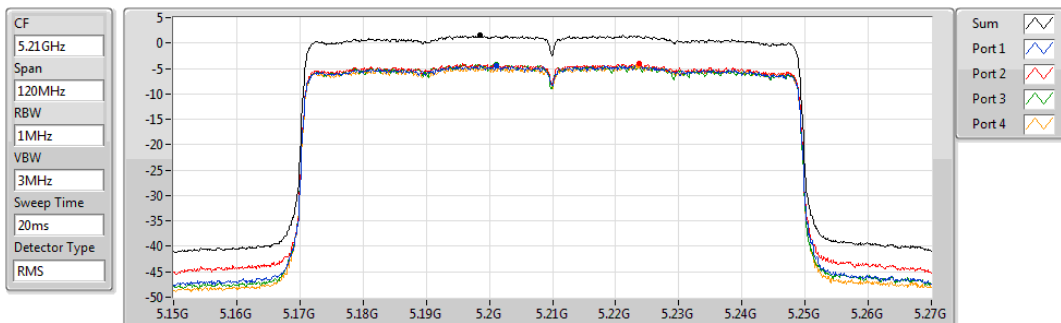
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.70	10.70	4.98	5.29	4.64	4.17

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5210MHz

26/09/2019



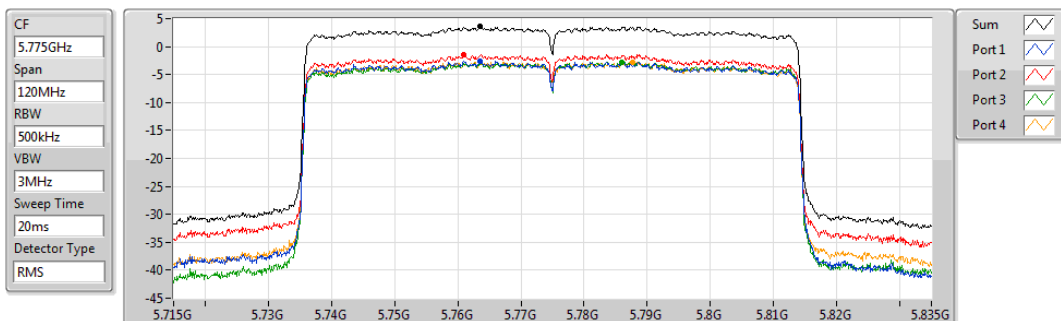
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.46	1.46	-4.42	-4.10	-4.24	-4.52

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5775MHz

26/09/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.55	3.55	-2.65	-1.47	-2.75	-2.75

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	10.77
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	8.65
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	1.93
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	11.49
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	9.04
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	2.09
5.725-5.85GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	9.97
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	7.18
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	3.61
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	10.59
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.64
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	3.86

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.38	4.81	3.60	4.60	2.55	9.94	11.62
5200MHz	Pass	11.38	5.77	4.78	5.26	3.22	10.77	11.62
5240MHz	Pass	11.38	5.73	4.75	5.24	3.21	10.76	11.62
5745MHz	Pass	11.38	4.57	3.19	5.07	2.82	9.93	24.62
5785MHz	Pass	11.38	4.70	3.27	5.09	2.83	9.97	24.62
5825MHz	Pass	11.38	4.29	3.65	4.91	2.52	9.78	24.62
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	11.38	0.16	-0.89	-0.24	-2.28	5.22	11.62
5230MHz	Pass	11.38	3.42	2.71	3.20	1.35	8.65	11.62
5755MHz	Pass	11.38	1.49	0.12	1.97	-0.15	6.92	24.62
5795MHz	Pass	11.38	1.79	0.44	2.25	0.14	7.18	24.62
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	11.38	-3.08	-4.00	-3.45	-5.46	1.93	11.62
5775MHz	Pass	11.38	-2.09	-3.03	-1.04	-3.59	3.61	24.62
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.38	5.45	4.22	5.43	3.35	10.65	11.62
5200MHz	Pass	11.38	6.43	5.20	5.98	3.79	11.40	11.62
5240MHz	Pass	11.38	6.40	5.37	6.04	3.95	11.49	11.62
5745MHz	Pass	11.38	5.23	3.54	5.54	3.45	10.49	24.62
5785MHz	Pass	11.38	5.24	3.66	5.73	3.50	10.59	24.62
5825MHz	Pass	11.38	4.68	4.08	5.57	3.15	10.34	24.62
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	11.38	0.69	-0.27	0.61	-1.59	5.91	11.62
5230MHz	Pass	11.38	3.85	3.11	3.59	1.65	9.04	11.62
5755MHz	Pass	11.38	2.50	0.81	2.67	0.53	7.59	24.62
5795MHz	Pass	11.38	2.20	0.88	2.69	0.60	7.64	24.62
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	11.38	-2.91	-3.96	-3.37	-5.39	2.09	11.62
5775MHz	Pass	11.38	-1.72	-2.69	-0.86	-3.32	3.86	24.62

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

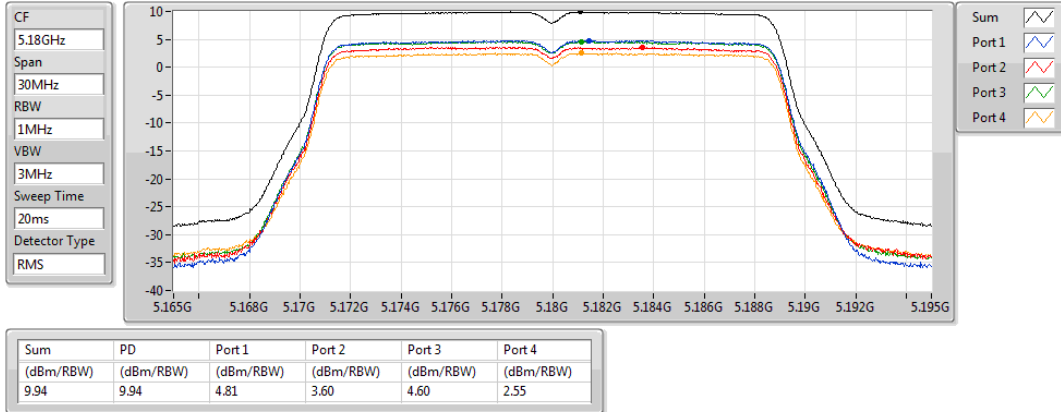
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5180MHz

13/10/2019

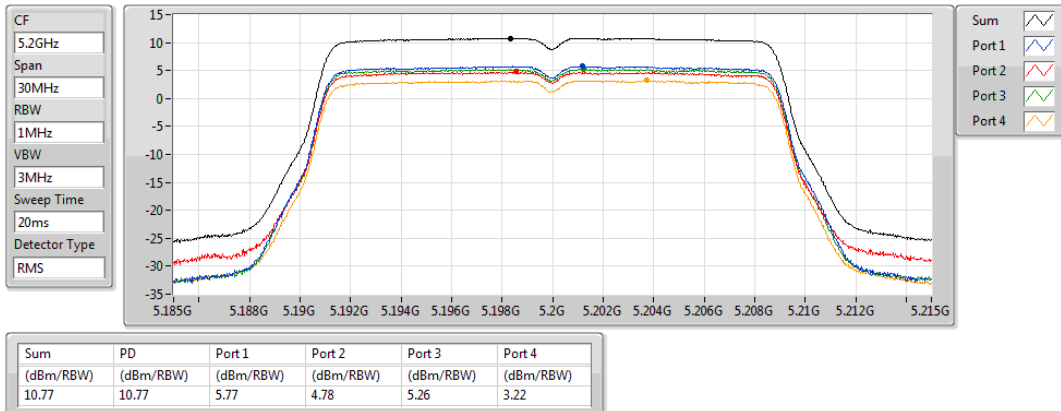


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5200MHz

13/10/2019

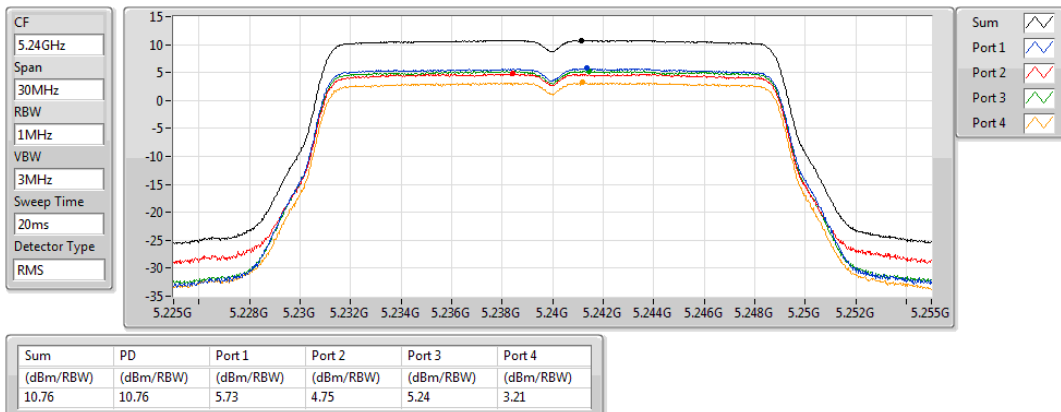


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5240MHz

13/10/2019

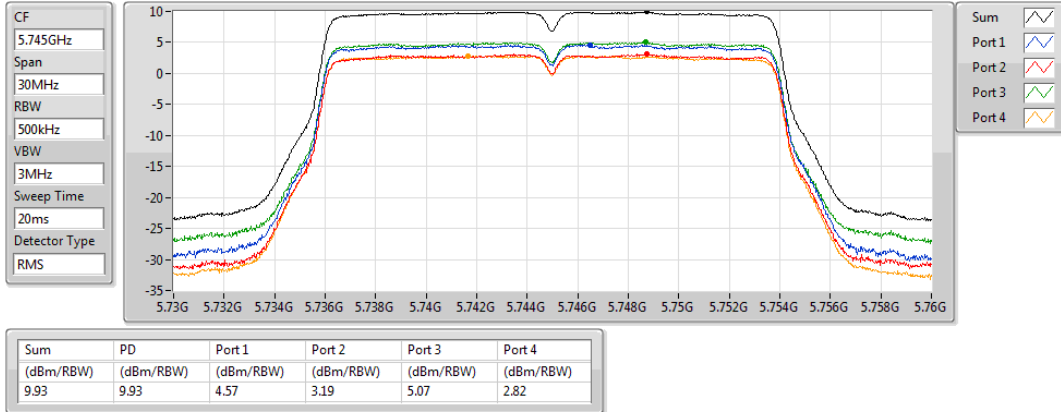


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5745MHz

13/10/2019

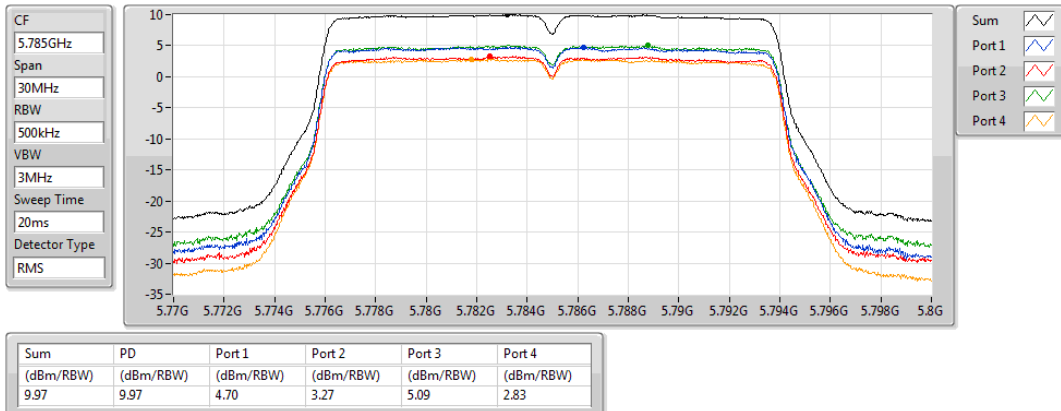


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5785MHz

13/10/2019

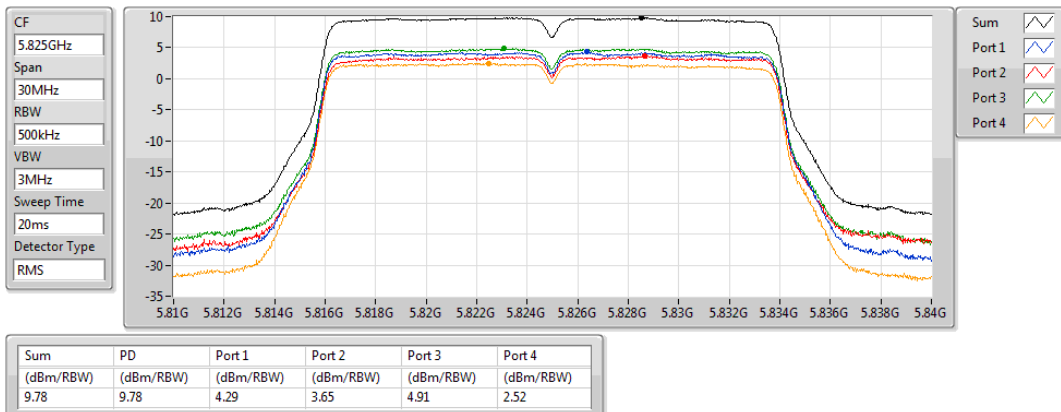


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5825MHz

13/10/2019

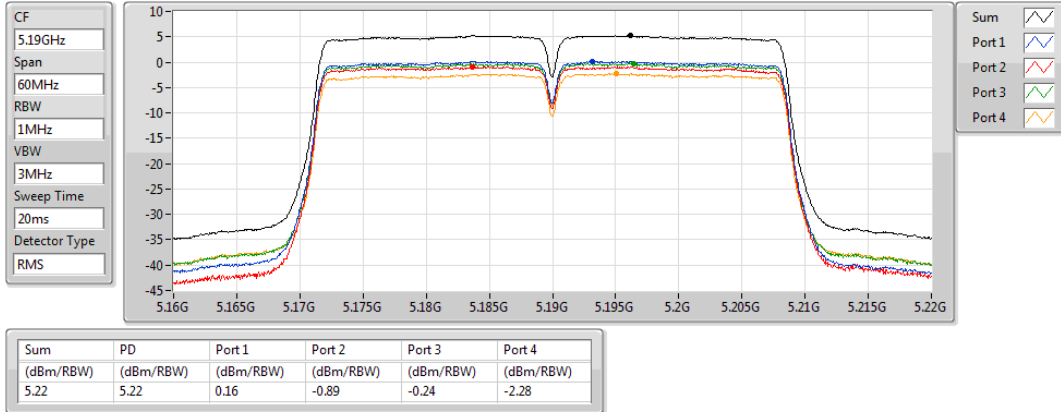


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5190MHz

13/10/2019

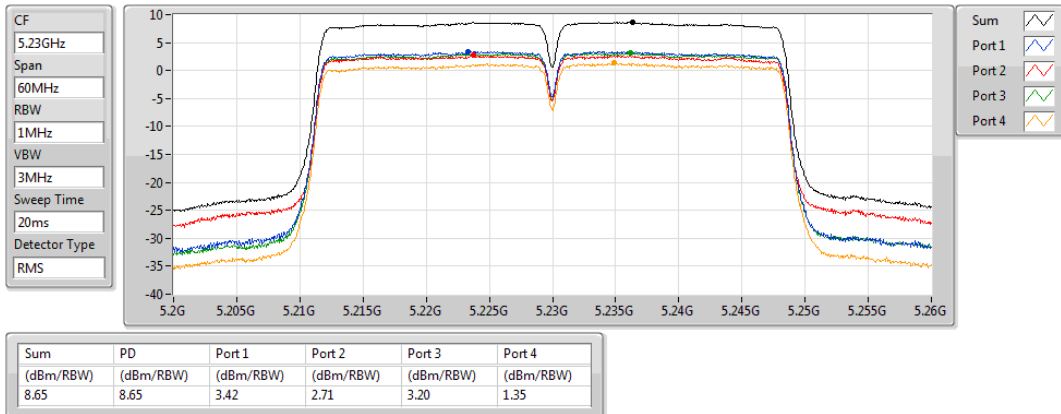


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5230MHz

13/10/2019

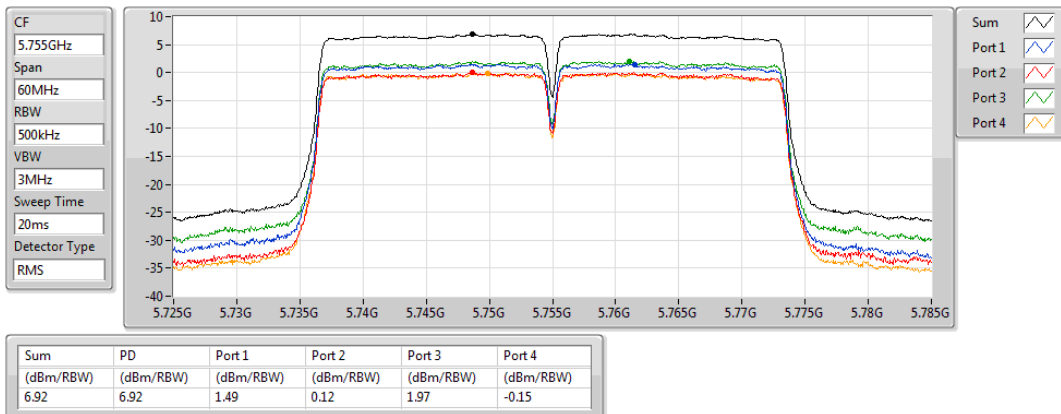


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5755MHz

13/10/2019

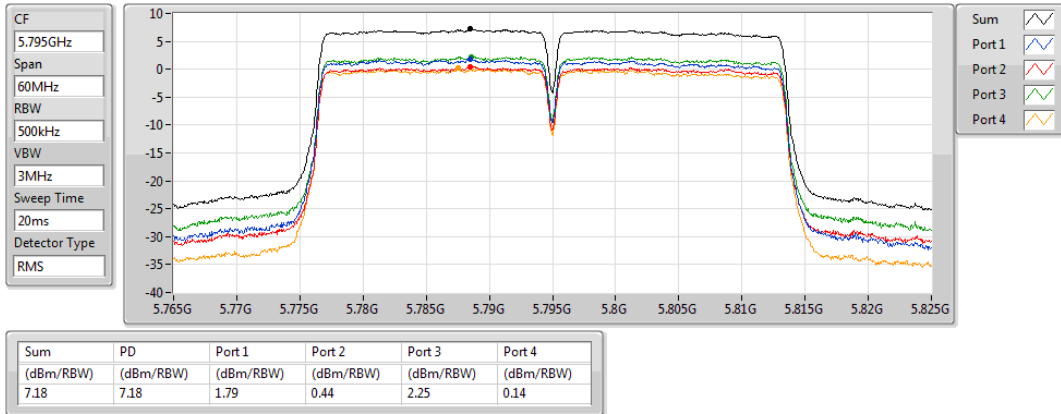


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5795MHz

13/10/2019

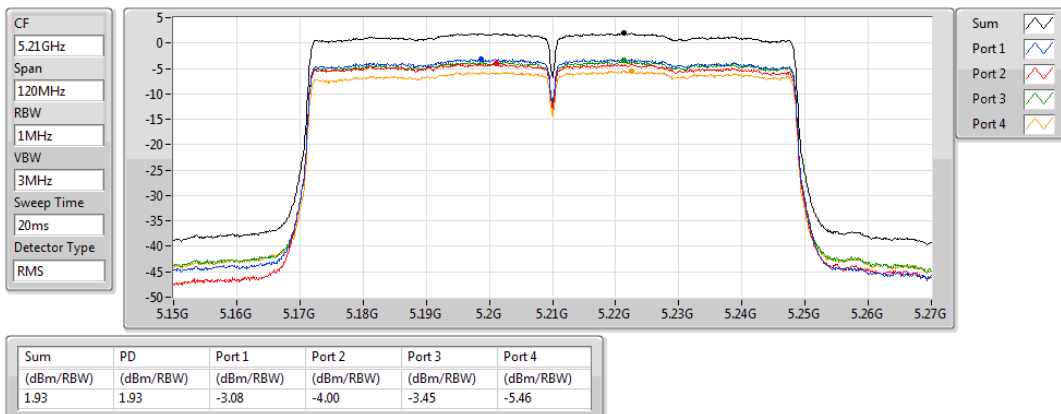


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5210MHz

13/10/2019

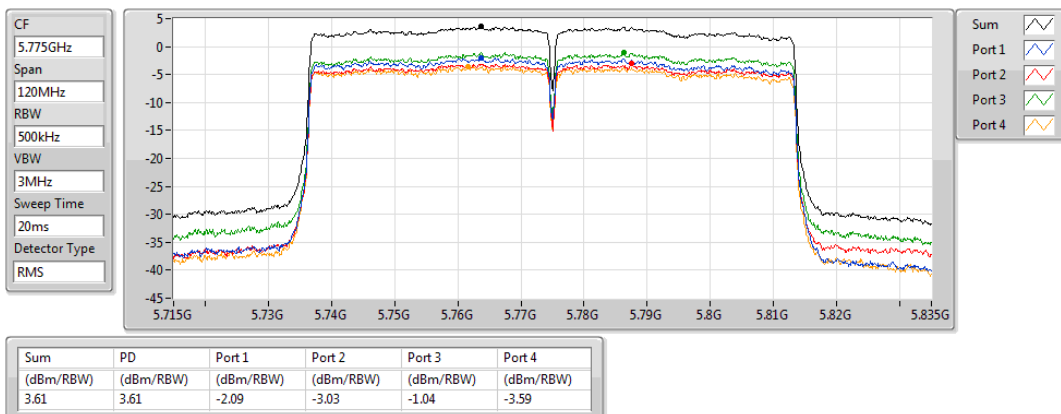


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5775MHz

13/10/2019

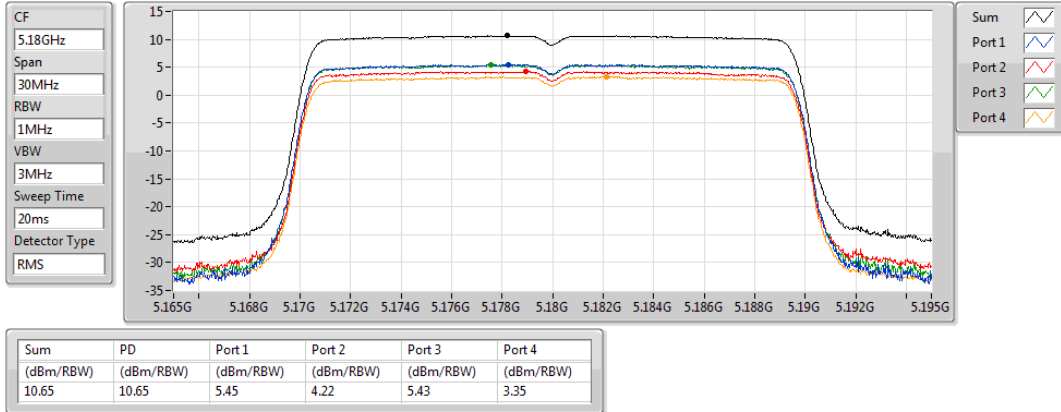


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5180MHz

13/10/2019

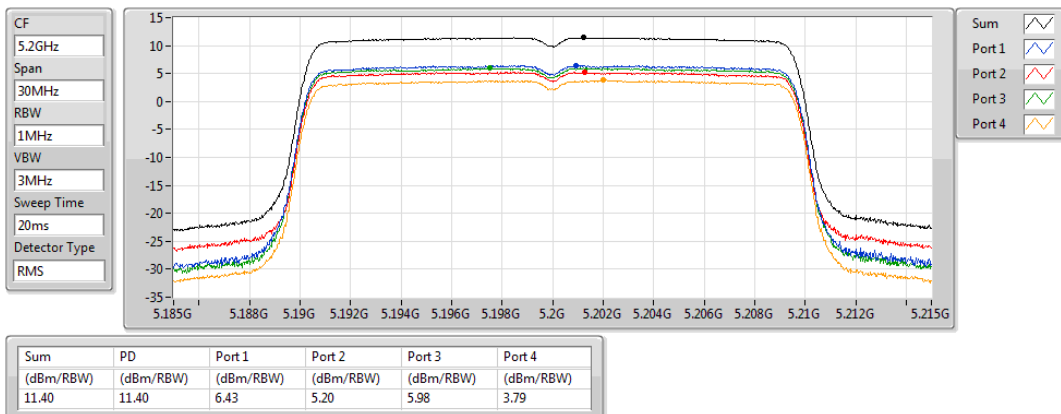


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5200MHz

13/10/2019

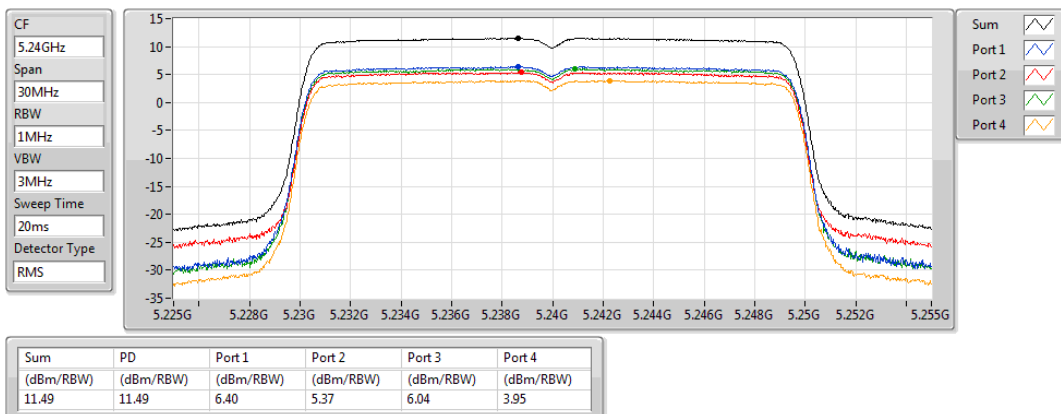


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5240MHz

13/10/2019

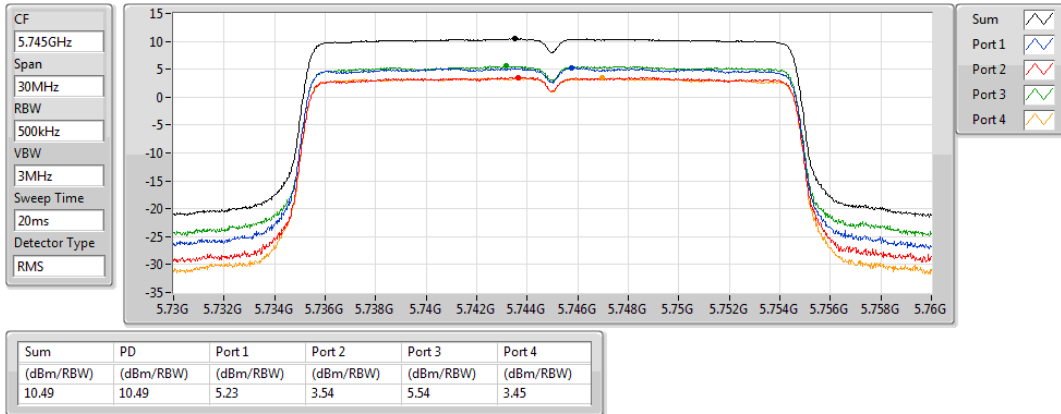


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz

PSD

13/10/2019

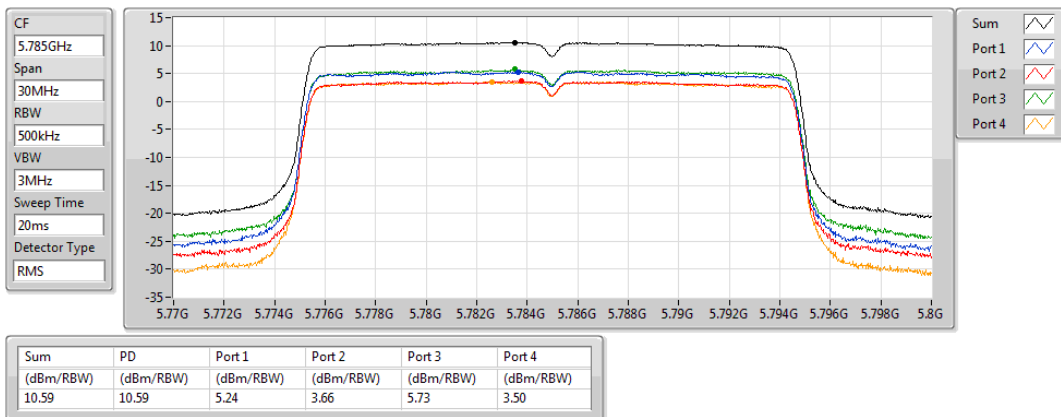


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz

PSD

13/10/2019

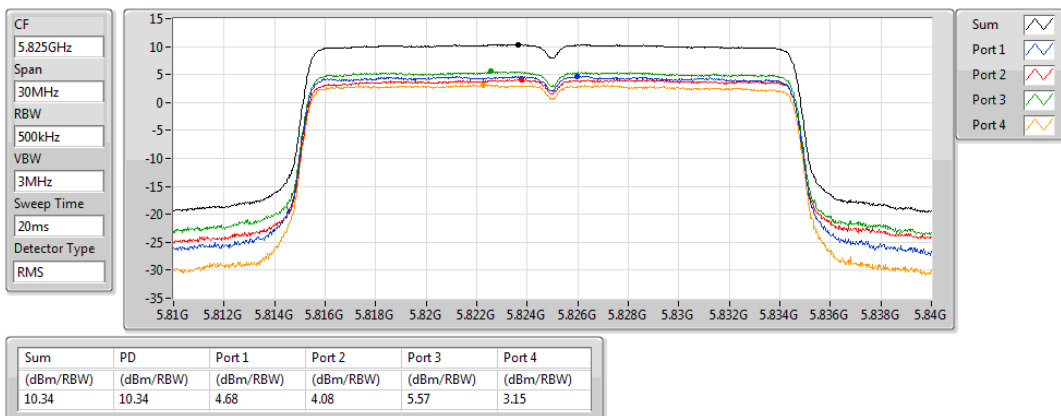


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5825MHz

PSD

13/10/2019

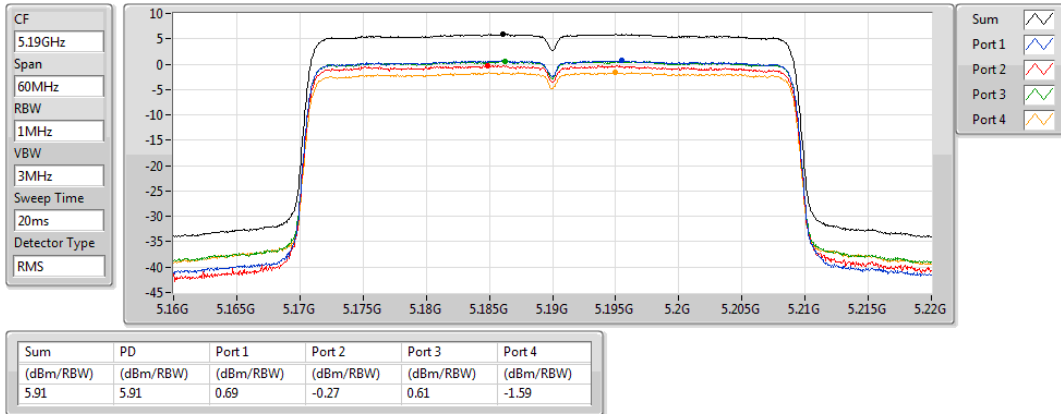


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5190MHz

13/10/2019

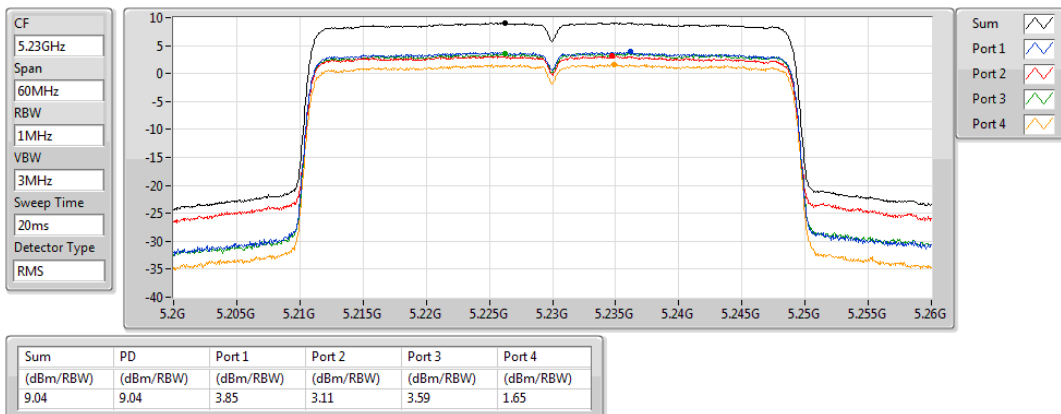


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5230MHz

13/10/2019

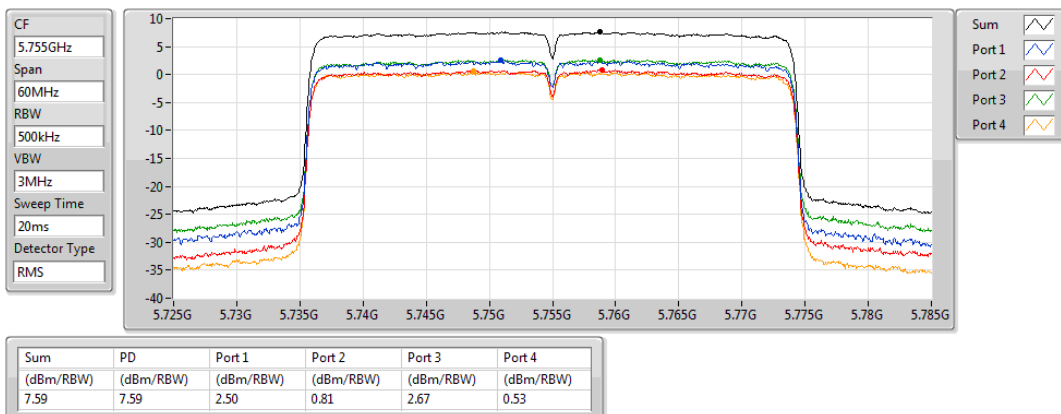


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5755MHz

13/10/2019

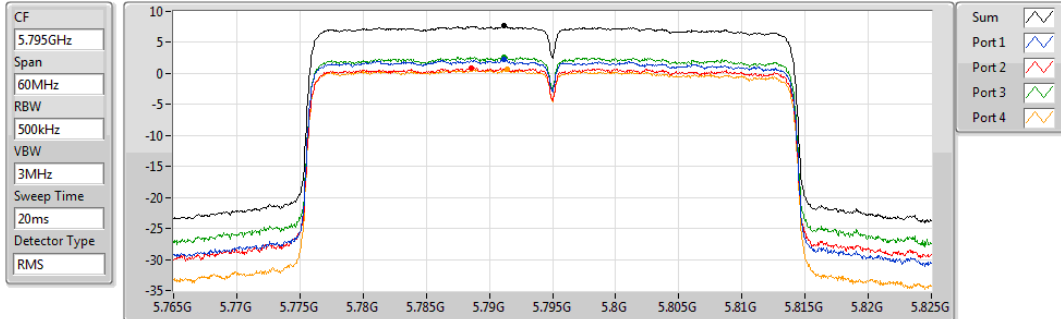


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5795MHz

13/10/2019



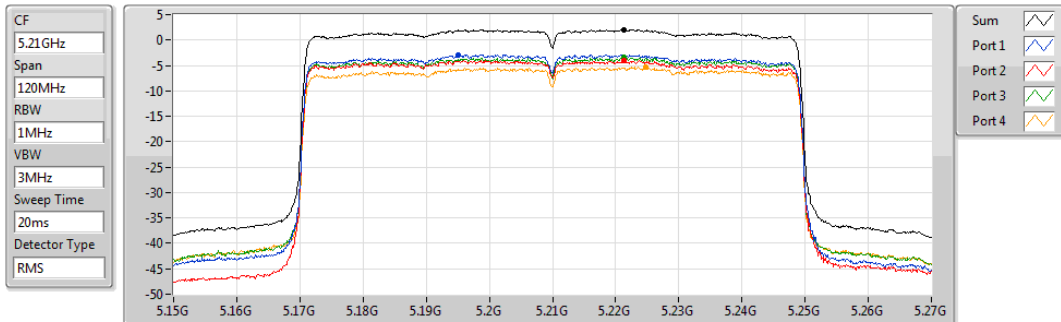
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.64	7.64	2.20	0.88	2.69	0.60

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5210MHz

13/10/2019



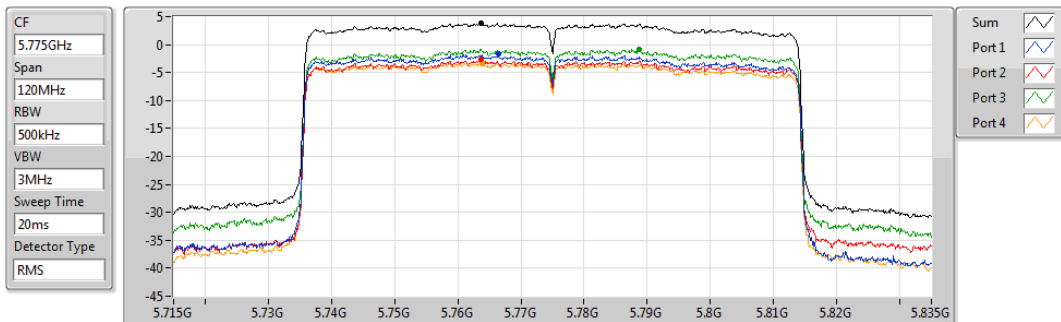
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.09	2.09	-2.91	-3.96	-3.37	-5.39

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5775MHz

13/10/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.86	3.86	-1.72	-2.69	-0.86	-3.32

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT160_Nss1,(MCS0)_1TX	-4.28
802.11ax HEW160_Nss1,(MCS0)_1TX	-4.56
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	10.78
802.11ac VHT20_Nss1,(MCS0)_1TX	10.32
802.11ac VHT40_Nss1,(MCS0)_1TX	6.73
802.11ac VHT80_Nss1,(MCS0)_1TX	-0.66
802.11ac VHT160_Nss1,(MCS0)_1TX	-4.53
802.11ax HEW20_Nss1,(MCS0)_1TX	10.06
802.11ax HEW40_Nss1,(MCS0)_1TX	6.65
802.11ax HEW80_Nss1,(MCS0)_1TX	-0.58
802.11ax HEW160_Nss1,(MCS0)_1TX	-4.69
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX	9.35
802.11ac VHT20_Nss1,(MCS0)_1TX	8.89
802.11ac VHT40_Nss1,(MCS0)_1TX	6.15
802.11ac VHT80_Nss1,(MCS0)_1TX	3.05
802.11ac VHT160_Nss1,(MCS0)_1TX	-4.32
802.11ax HEW20_Nss1,(MCS0)_1TX	8.74
802.11ax HEW40_Nss1,(MCS0)_1TX	6.20
802.11ax HEW80_Nss1,(MCS0)_1TX	2.82
802.11ax HEW160_Nss1,(MCS0)_1TX	-4.14
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	7.09
802.11ac VHT20_Nss1,(MCS0)_1TX	6.33
802.11ac VHT40_Nss1,(MCS0)_1TX	3.20
802.11ac VHT80_Nss1,(MCS0)_1TX	0.09
802.11ax HEW20_Nss1,(MCS0)_1TX	6.12
802.11ax HEW40_Nss1,(MCS0)_1TX	3.23
802.11ax HEW80_Nss1,(MCS0)_1TX	0.00

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5260MHz	Pass	5.36	10.78	10.78	11.00
5300MHz	Pass	5.36	10.54	10.54	11.00
5320MHz	Pass	5.36	7.12	7.12	11.00
5500MHz	Pass	5.36	6.29	6.29	11.00
5580MHz	Pass	5.36	9.35	9.35	11.00
5700MHz	Pass	5.36	5.33	5.33	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.36	8.92	8.92	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.36	7.09	7.09	30.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	5.36	10.32	10.32	11.00
5300MHz	Pass	5.36	10.07	10.07	11.00
5320MHz	Pass	5.36	6.85	6.85	11.00
5500MHz	Pass	5.36	5.06	5.06	11.00
5580MHz	Pass	5.36	8.89	8.89	11.00
5700MHz	Pass	5.36	3.83	3.83	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.36	7.99	7.99	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.36	6.33	6.33	30.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5270MHz	Pass	5.36	6.73	6.73	11.00
5310MHz	Pass	5.36	2.15	2.15	11.00
5510MHz	Pass	5.36	0.76	0.76	11.00
5550MHz	Pass	5.36	6.15	6.15	11.00
5670MHz	Pass	5.36	3.90	3.90	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.36	5.46	5.46	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.36	3.20	3.20	30.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5290MHz	Pass	5.36	-0.66	-0.66	11.00
5530MHz	Pass	5.36	-1.84	-1.84	11.00
5610MHz	Pass	5.36	2.77	2.77	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.36	3.05	3.05	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.36	0.09	0.09	30.00
802.11ac VHT160_Nss1,(MCS0)_1TX	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.36	-4.28	-4.28	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.36	-4.53	-4.53	11.00
5570MHz	Pass	5.36	-4.32	-4.32	11.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	5.36	10.06	10.06	11.00
5300MHz	Pass	5.36	9.93	9.93	11.00
5320MHz	Pass	5.36	6.81	6.81	11.00
5500MHz	Pass	5.36	4.96	4.96	11.00
5580MHz	Pass	5.36	8.74	8.74	11.00
5700MHz	Pass	5.36	3.77	3.77	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.36	7.83	7.83	11.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5720MHz Straddle 5.725-5.85GHz	Pass	5.36	6.12	6.12	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5270MHz	Pass	5.36	6.65	6.65	11.00
5310MHz	Pass	5.36	2.08	2.08	11.00
5510MHz	Pass	5.36	0.86	0.86	11.00
5550MHz	Pass	5.36	6.20	6.20	11.00
5670MHz	Pass	5.36	3.90	3.90	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.36	5.28	5.28	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.36	3.23	3.23	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5290MHz	Pass	5.36	-0.58	-0.58	11.00
5530MHz	Pass	5.36	-1.93	-1.93	11.00
5610MHz	Pass	5.36	2.57	2.57	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.36	2.82	2.82	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.36	0.00	0.00	30.00
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.36	-4.56	-4.56	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.36	-4.69	-4.69	11.00
5570MHz	Pass	5.36	-4.14	-4.14	11.00

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

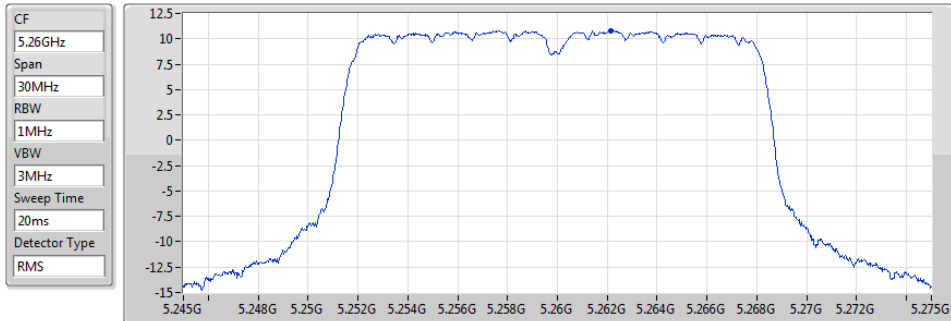
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5260MHz

26/10/2019



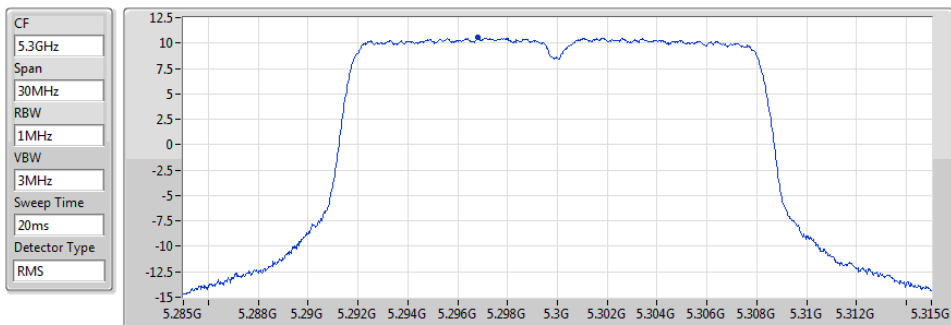
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
10.78	10.78	10.78

802.11a_Nss1,(6Mbps)_1TX

PSD

5300MHz

26/10/2019



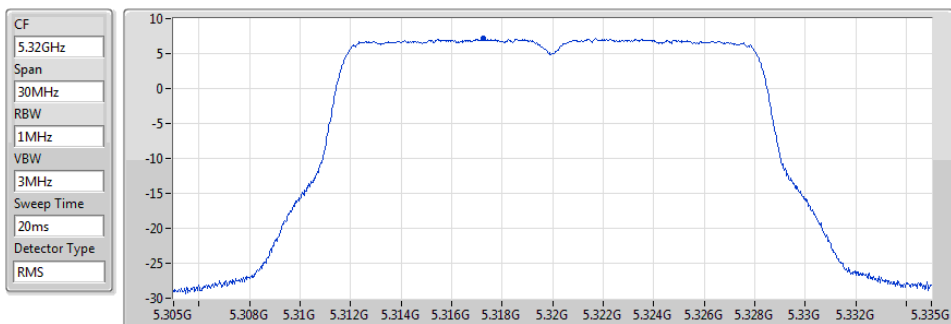
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
10.54	10.54	10.54

802.11a_Nss1,(6Mbps)_1TX

PSD

5320MHz

26/10/2019



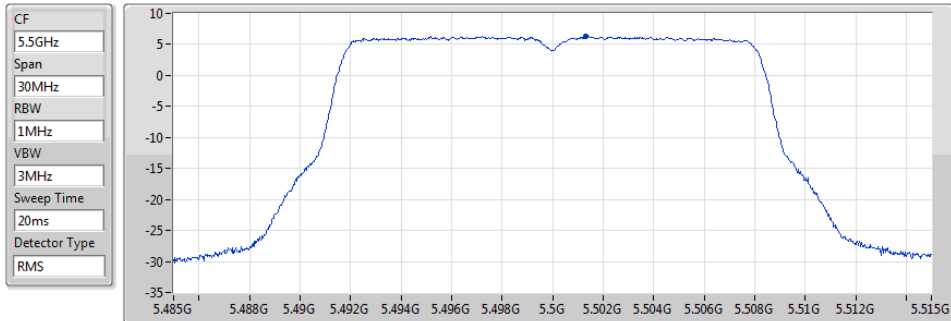
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
7.12	7.12	7.12

802.11a_Nss1,(6Mbps)_1TX

PSD

5500MHz

26/10/2019



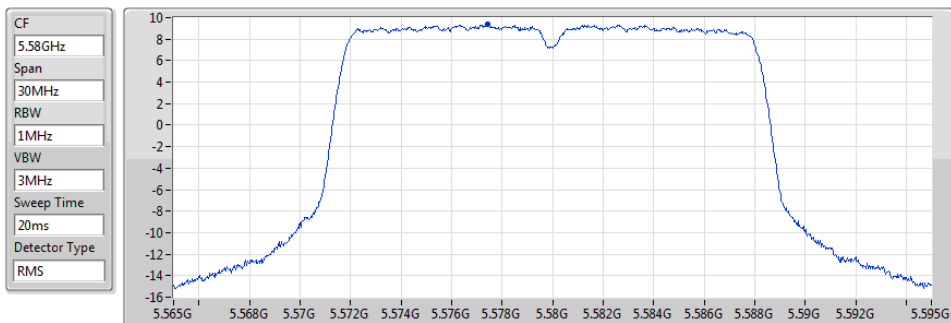
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.29	6.29	6.29

802.11a_Nss1,(6Mbps)_1TX

PSD

5580MHz

26/10/2019



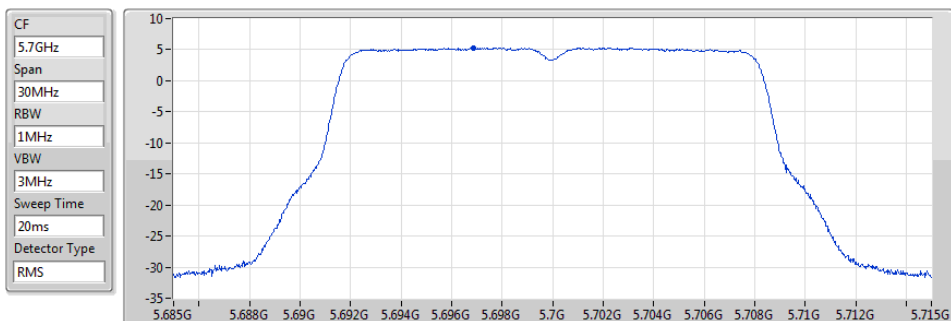
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.35	9.35	9.35

802.11a_Nss1,(6Mbps)_1TX

PSD

5700MHz

26/10/2019



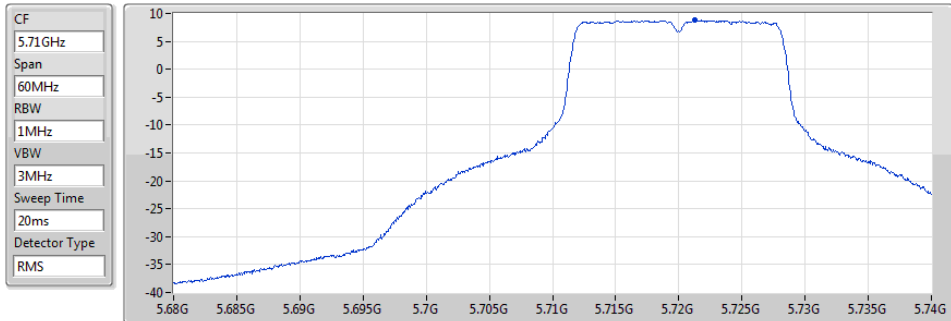
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.33	5.33	5.33

802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

26/10/2019



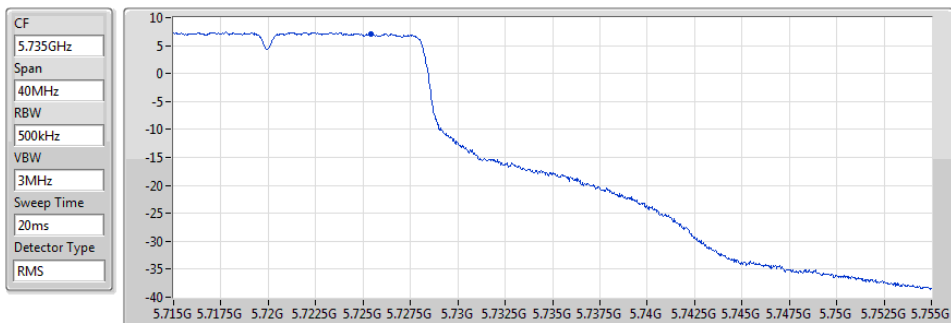
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.92	8.92	8.92

802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

26/10/2019



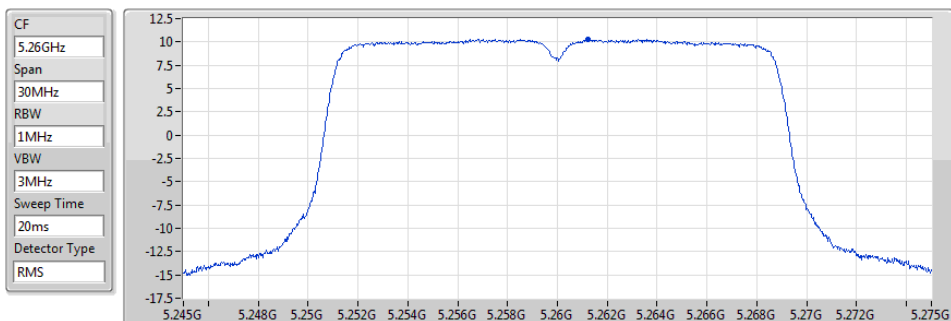
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.09	7.09	7.09

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5260MHz

26/10/2019



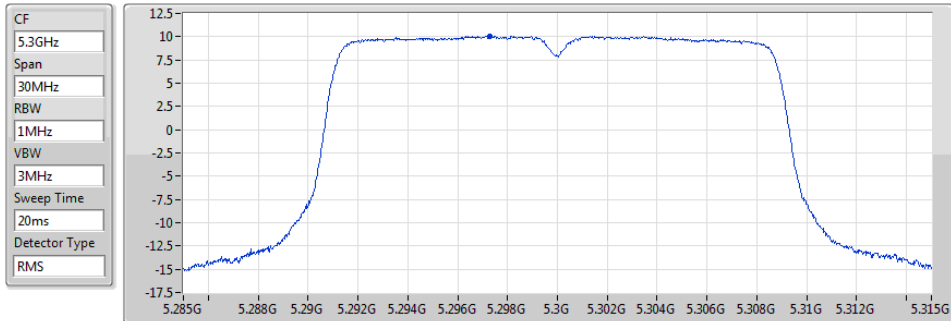
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.32	10.32	10.32

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5300MHz

26/10/2019



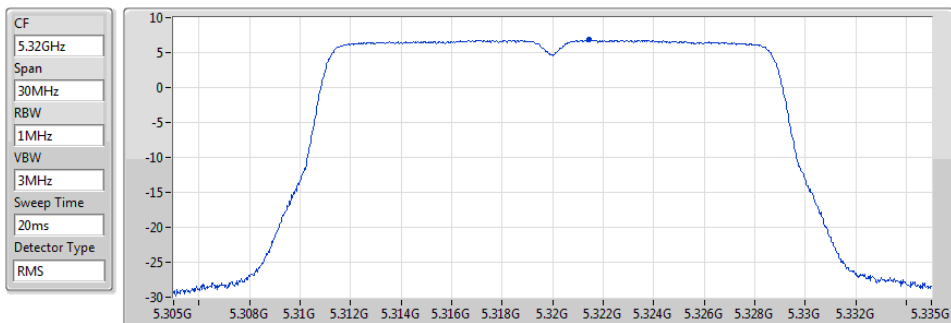
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.07	10.07	10.07

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5320MHz

26/10/2019



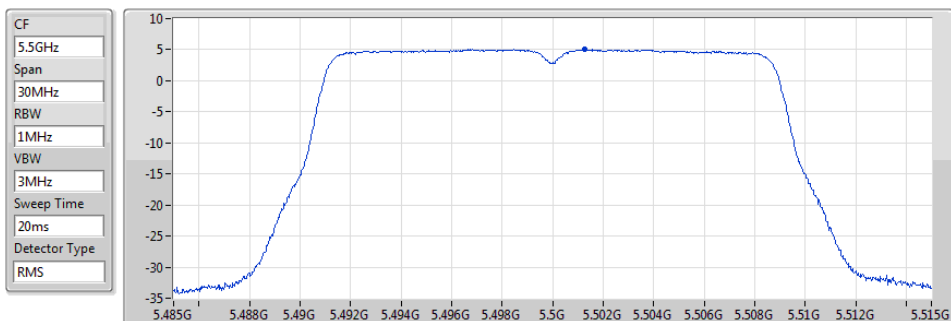
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.85	6.85	6.85

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5500MHz

26/10/2019



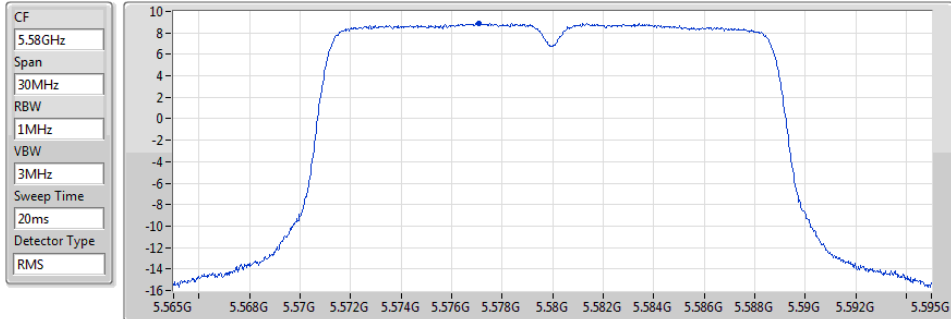
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.06	5.06	5.06

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5580MHz

26/10/2019



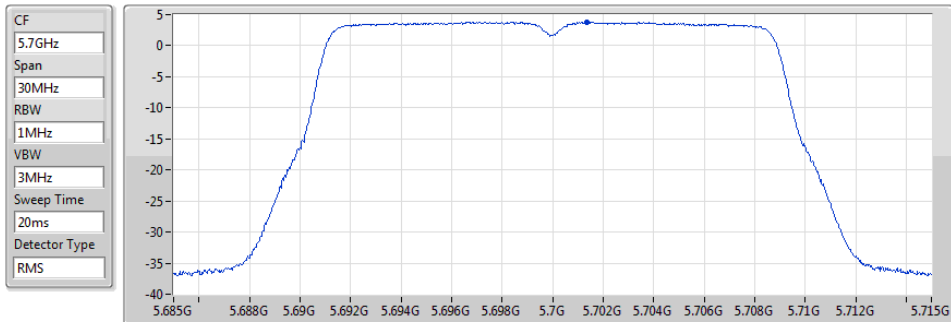
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.89	8.89	8.89

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5700MHz

26/10/2019



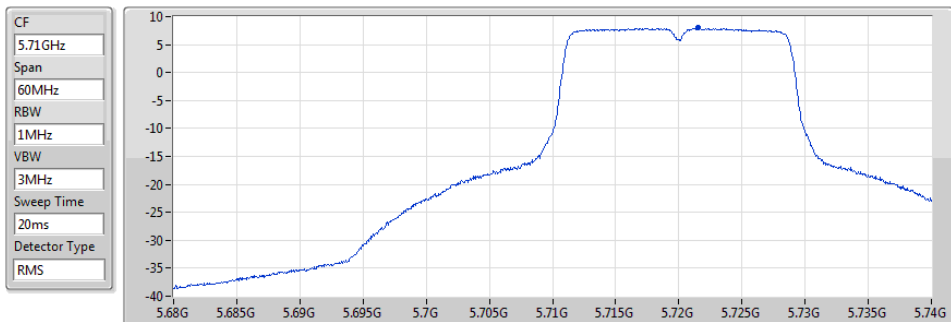
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.83	3.83	3.83

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

26/10/2019



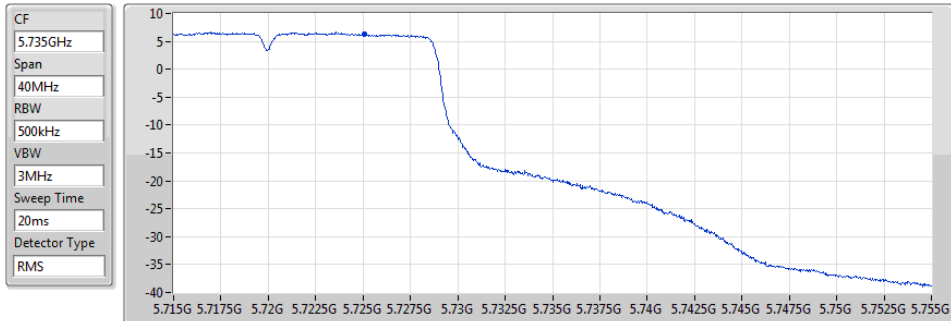
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.99	7.99	7.99

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

26/10/2019



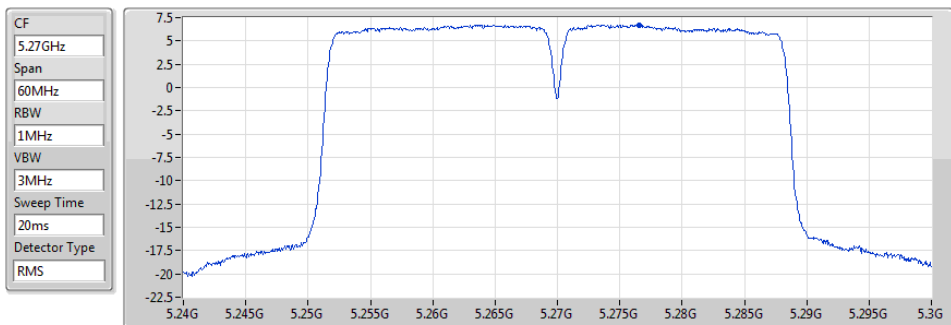
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.33	6.33	6.33

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5270MHz

26/10/2019



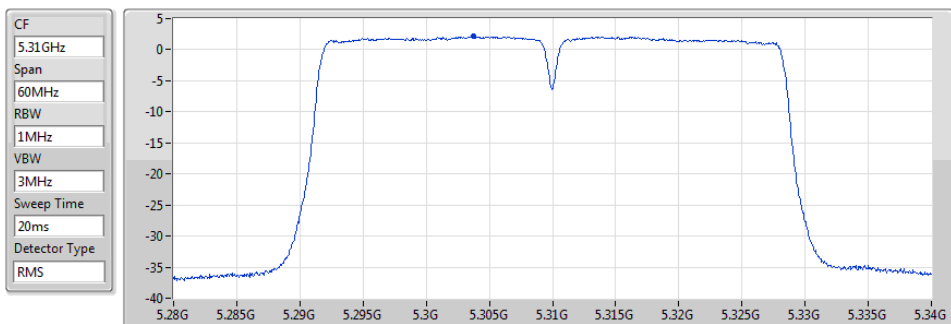
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.73	6.73	6.73

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5310MHz

26/10/2019



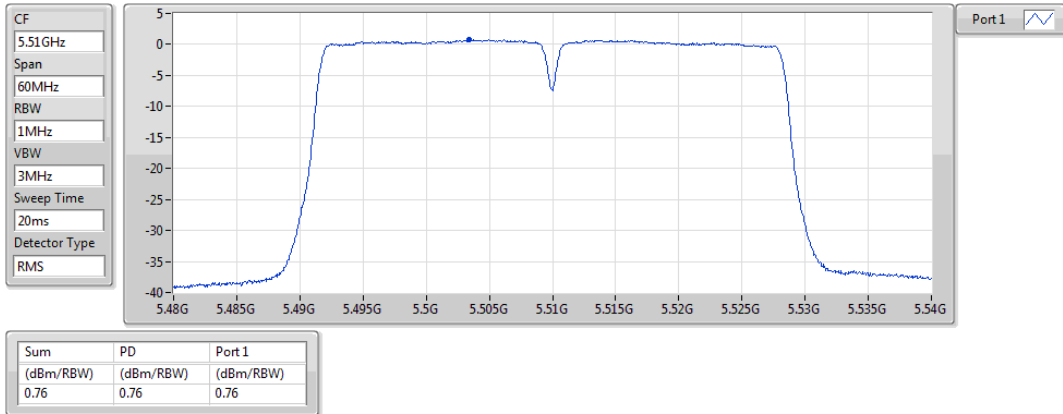
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.15	2.15	2.15

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5510MHz

26/10/2019

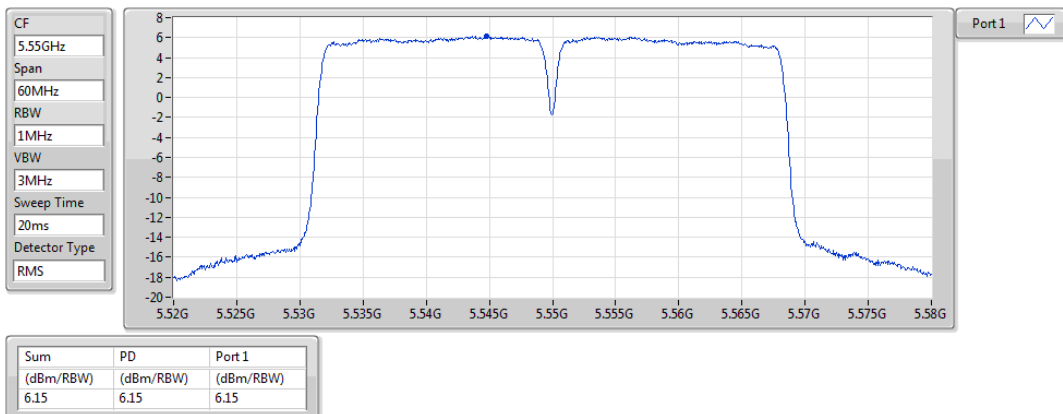


802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5550MHz

26/10/2019

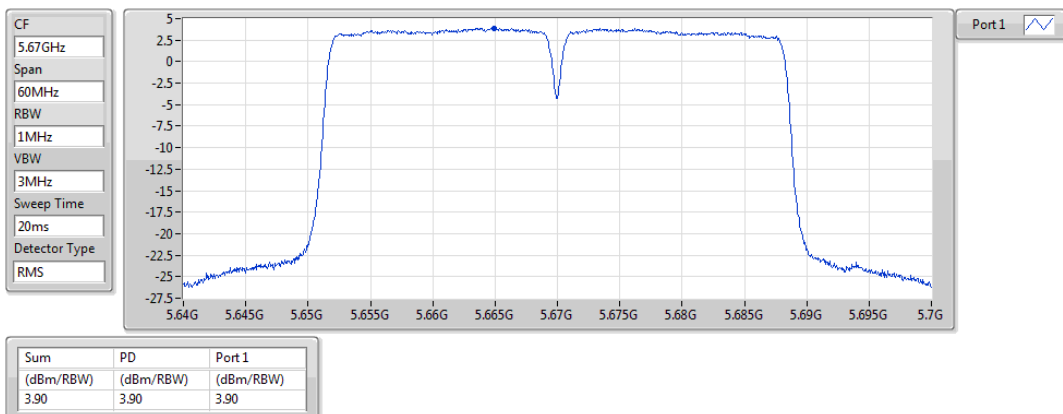


802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5670MHz

26/10/2019

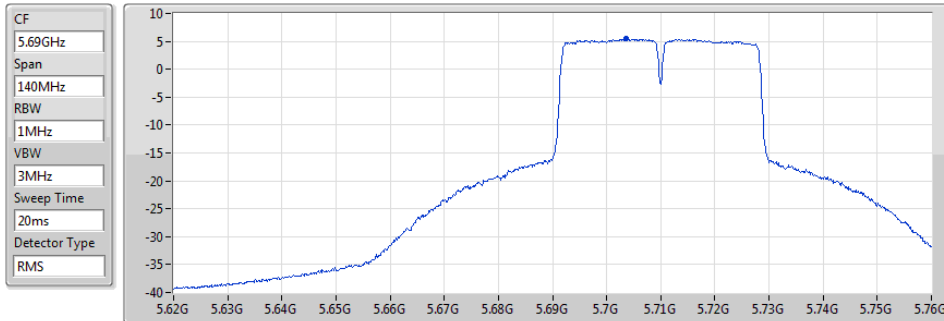


802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

26/10/2019



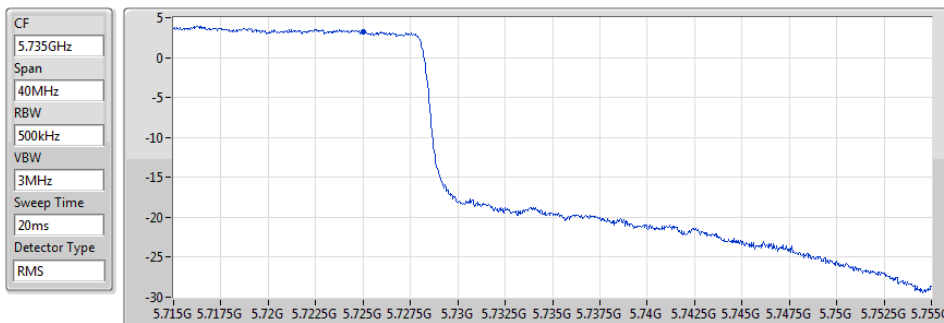
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.46	5.46	5.46

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.725-5.85GHz

26/10/2019



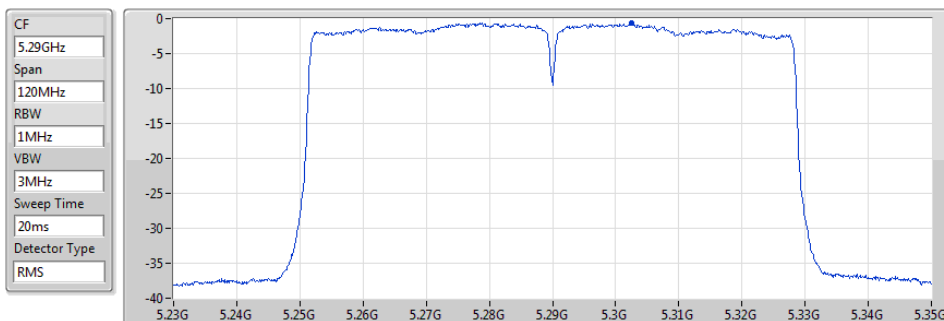
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.20	3.20	3.20

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5290MHz

26/10/2019



Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.66	-0.66	-0.66

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5530MHz

26/10/2019



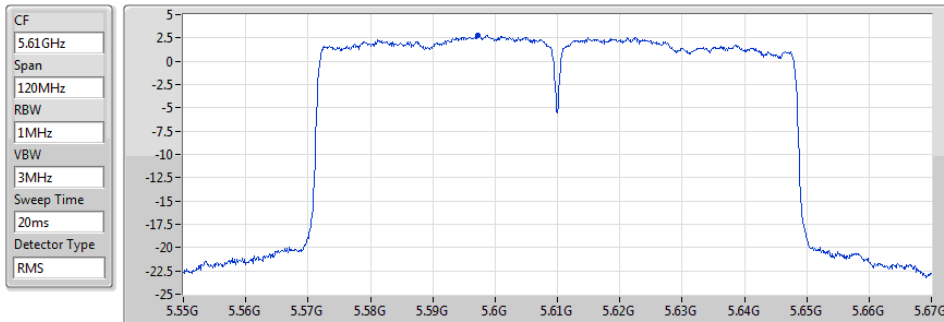
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-1.84	-1.84	-1.84

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5610MHz

26/10/2019



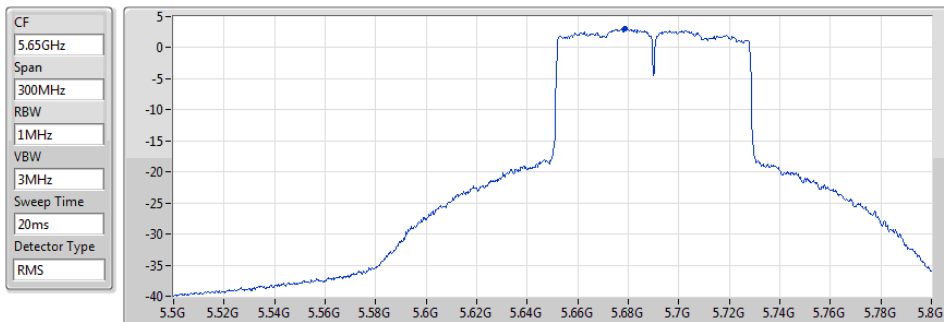
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
2.77	2.77	2.77

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.47-5.725GHz

26/10/2019



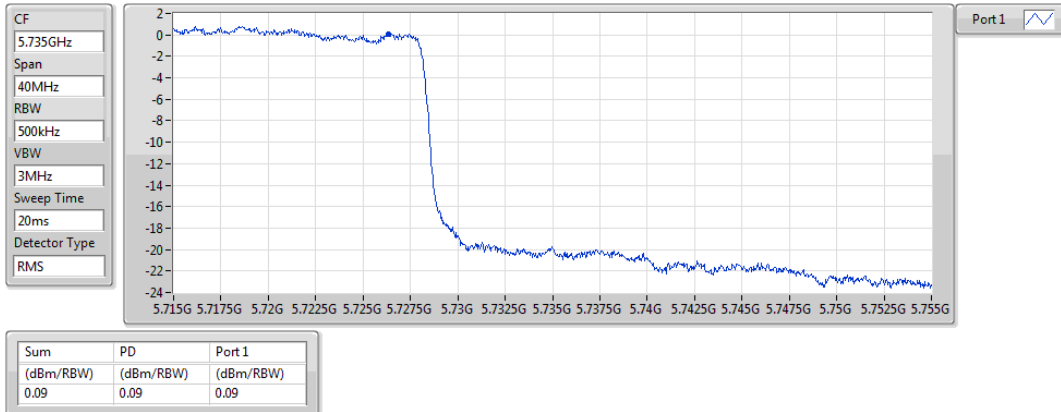
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
3.05	3.05	3.05

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.725-5.85GHz

27/10/2019

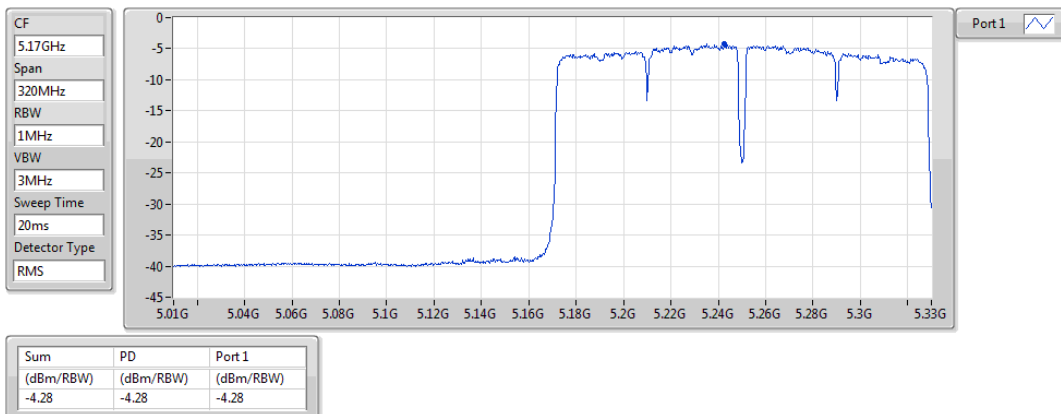


802.11ac VHT160_Nss1,(MCS0)_1TX

PSD

5250MHz Straddle 5.15-5.25GHz

27/10/2019

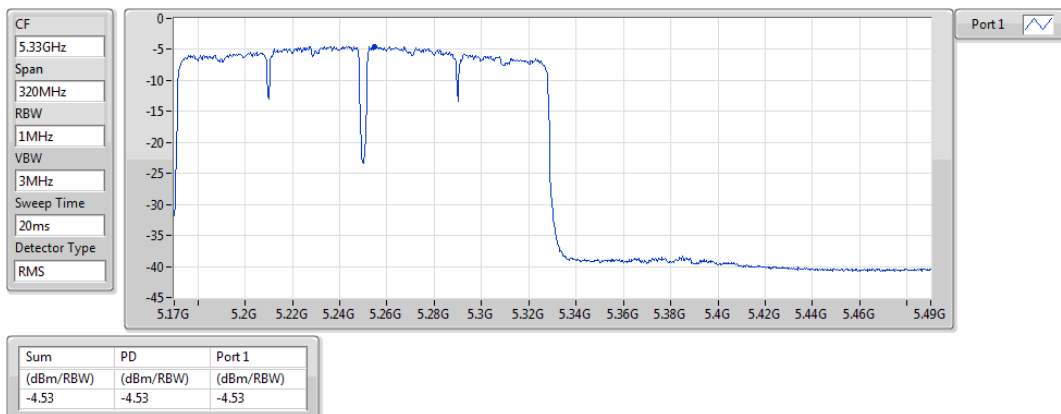


802.11ac VHT160_Nss1,(MCS0)_1TX

PSD

5250MHz Straddle 5.25-5.35GHz

27/10/2019

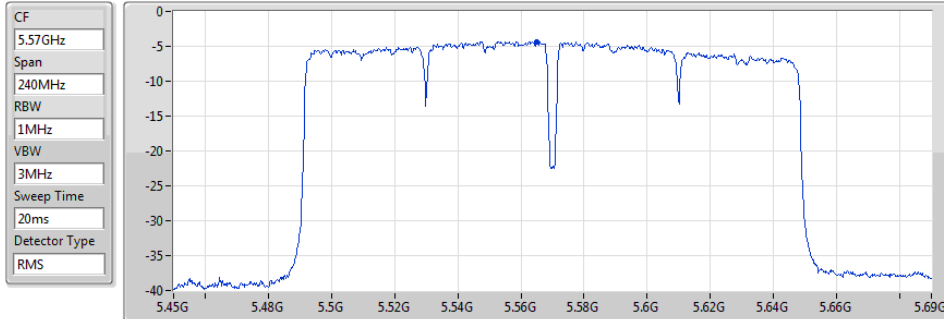


802.11ac VHT160_Nss1,(MCS0)_1TX

PSD

5570MHz

27/10/2019



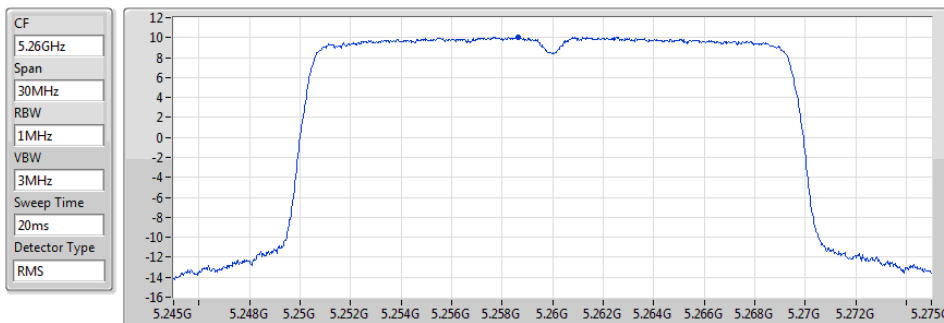
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-4.32	-4.32	-4.32

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5260MHz

26/10/2019



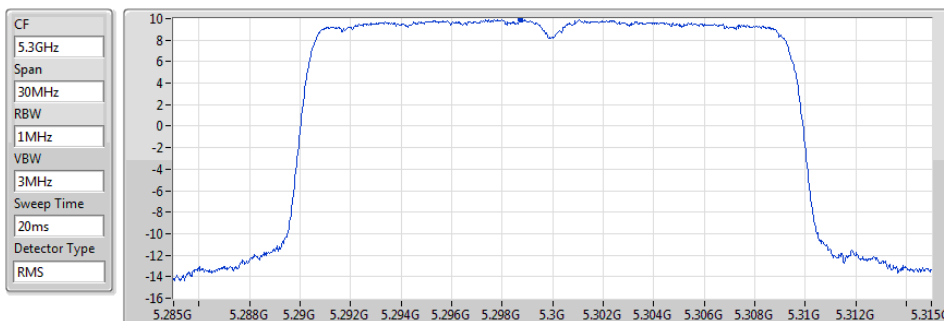
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
10.06	10.06	10.06

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5300MHz

26/10/2019



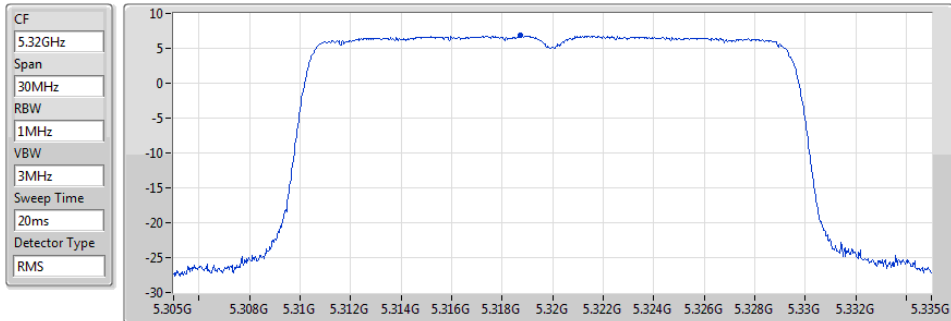
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
9.93	9.93	9.93

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5320MHz

26/10/2019



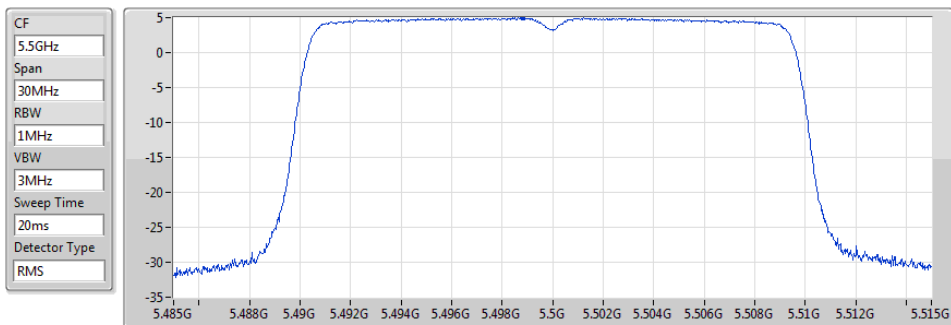
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.81	6.81	6.81

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5500MHz

26/10/2019



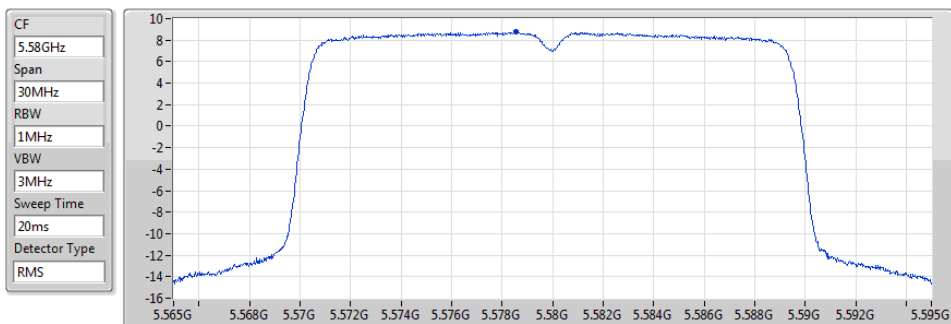
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.96	4.96	4.96

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5580MHz

26/10/2019



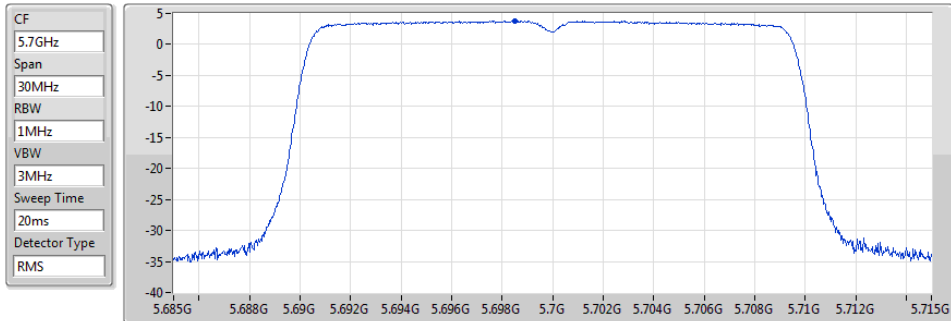
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.74	8.74	8.74

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5700MHz

26/10/2019



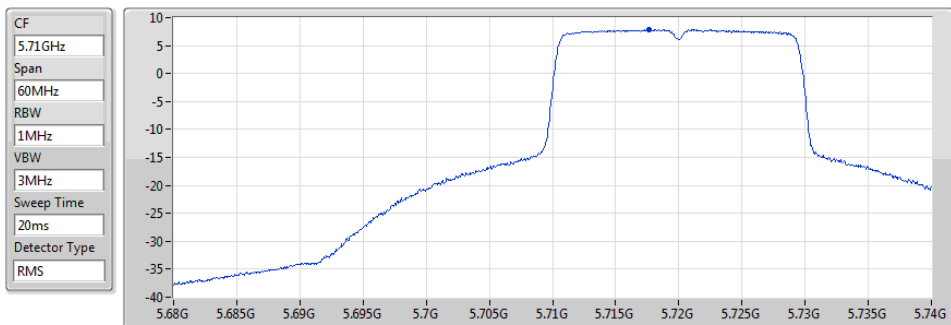
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
3.77	3.77	3.77

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

26/10/2019



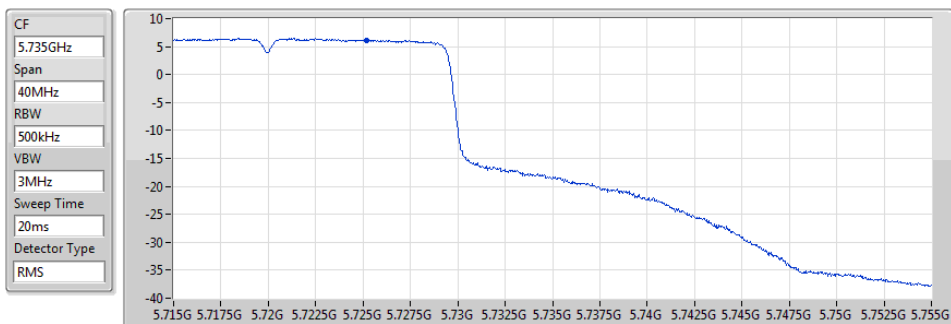
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
7.83	7.83	7.83

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

26/10/2019



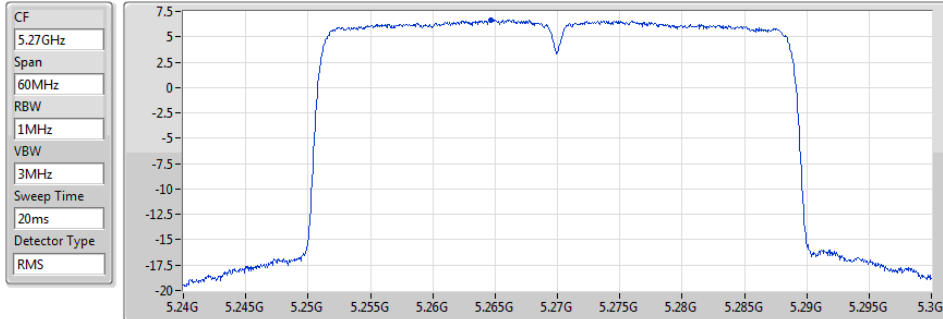
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
6.12	6.12	6.12

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5270MHz

26/10/2019



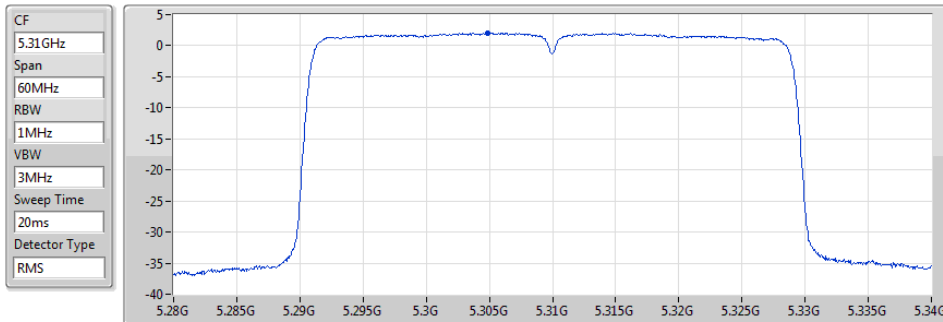
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.65	6.65	6.65

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5310MHz

26/10/2019



Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.08	2.08	2.08

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5510MHz

26/10/2019



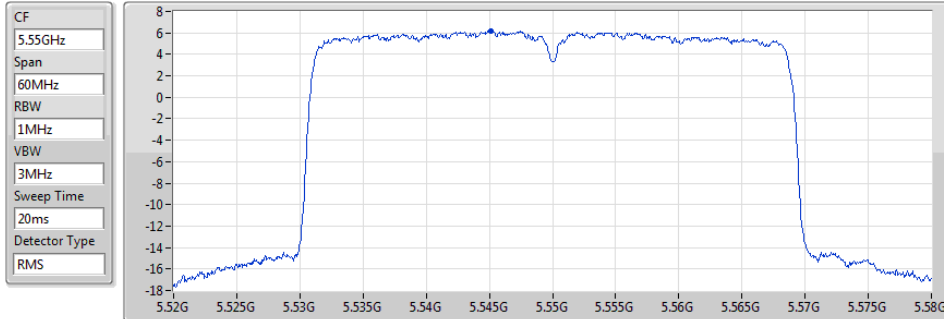
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.86	0.86	0.86

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5550MHz

26/10/2019



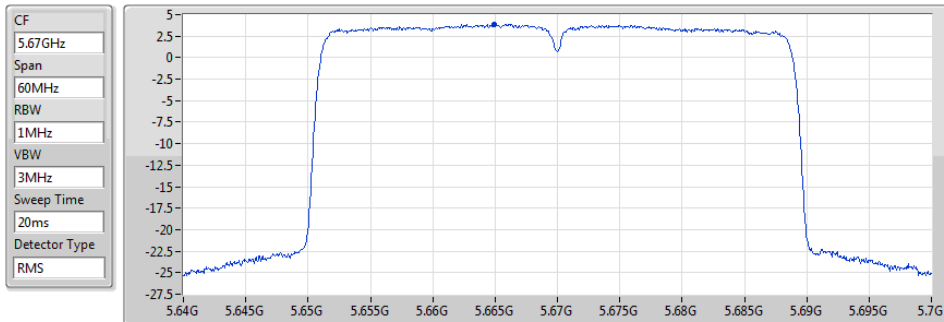
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.20	6.20	6.20

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5670MHz

26/10/2019



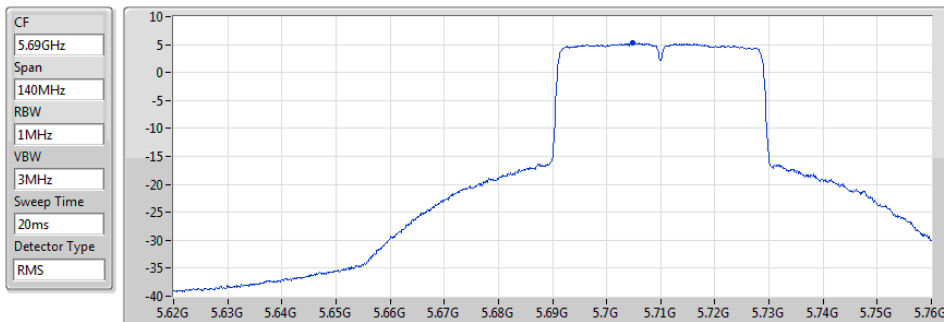
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.90	3.90	3.90

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

26/10/2019



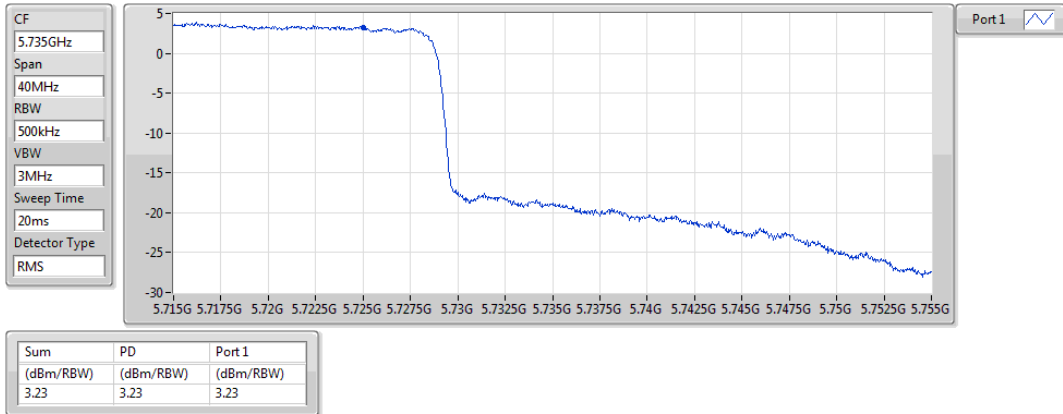
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.28	5.28	5.28

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.725-5.85GHz

26/10/2019

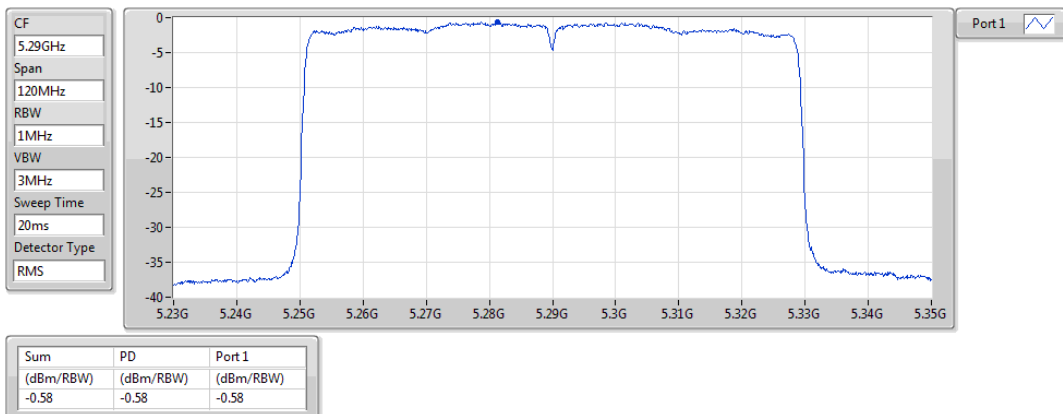


802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5290MHz

26/10/2019

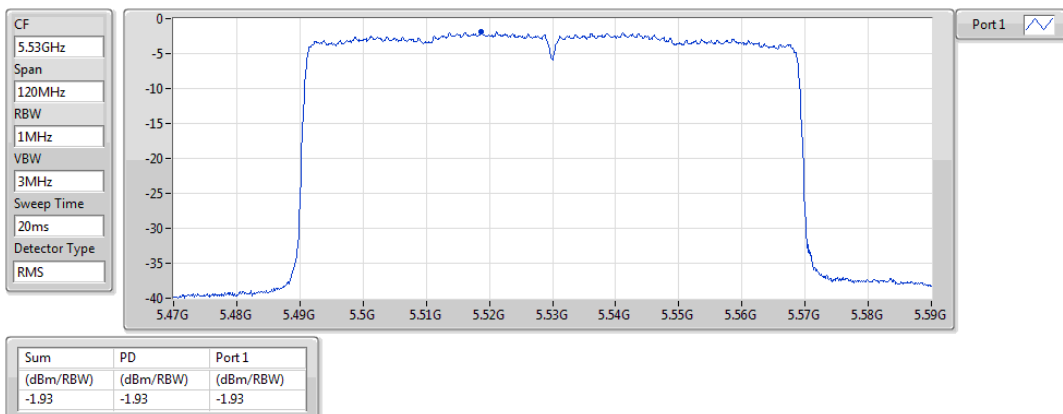


802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5530MHz

26/10/2019

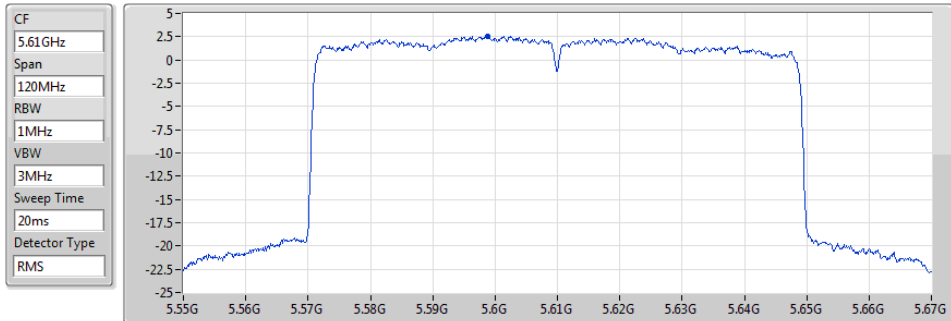


802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5610MHz

26/10/2019



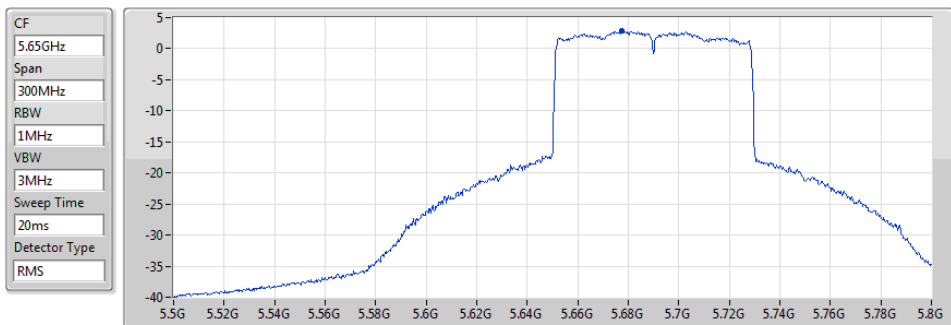
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.57	2.57	2.57

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.47-5.725GHz

26/10/2019



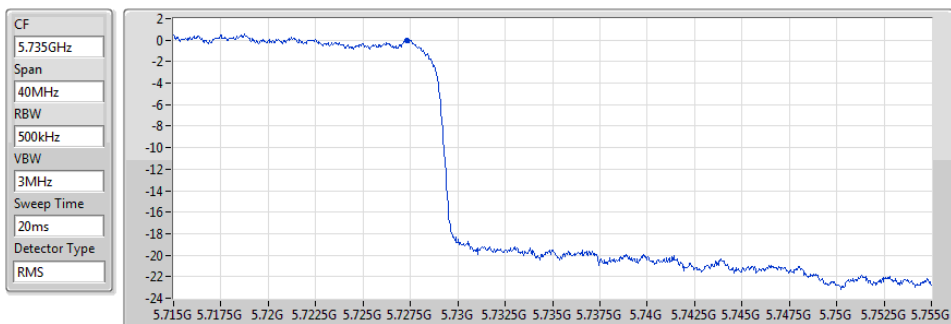
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.82	2.82	2.82

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.725-5.85GHz

26/10/2019



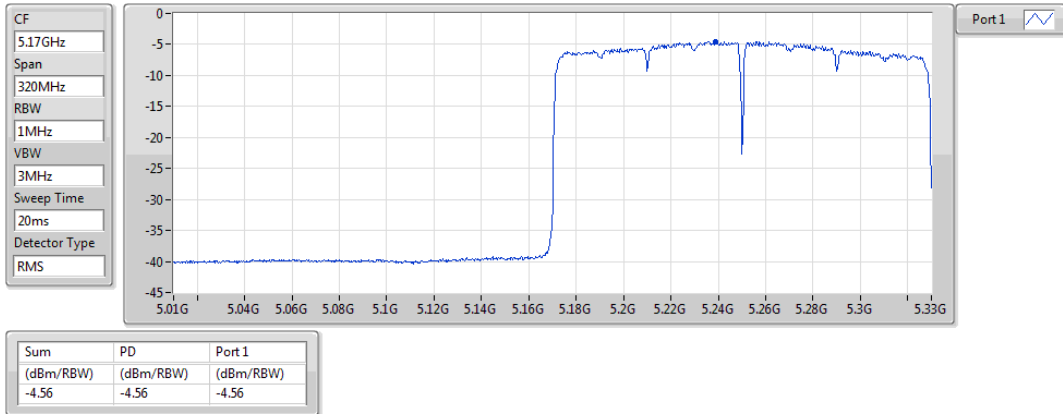
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.00	0.00	0.00

802.11ax HEW160_Nss1,(MCS0)_1TX

PSD

5250MHz Straddle 5.15-5.25GHz

26/10/2019

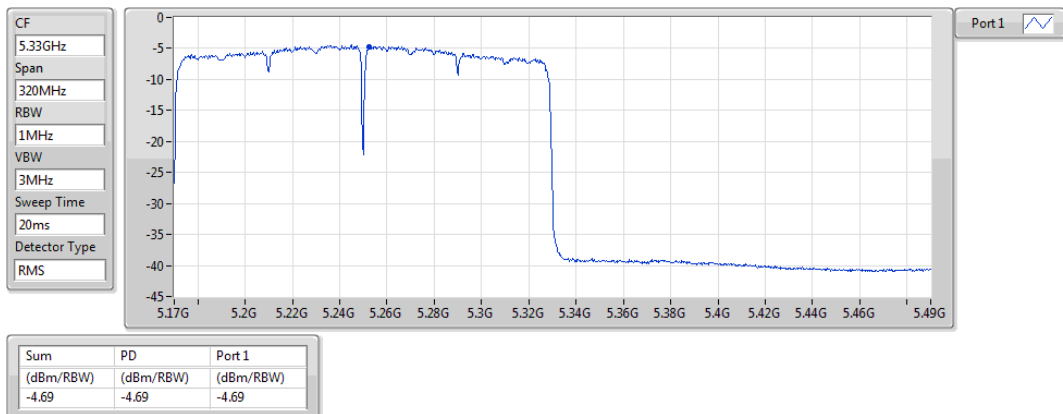


802.11ax HEW160_Nss1,(MCS0)_1TX

PSD

5250MHz Straddle 5.25-5.35GHz

26/10/2019

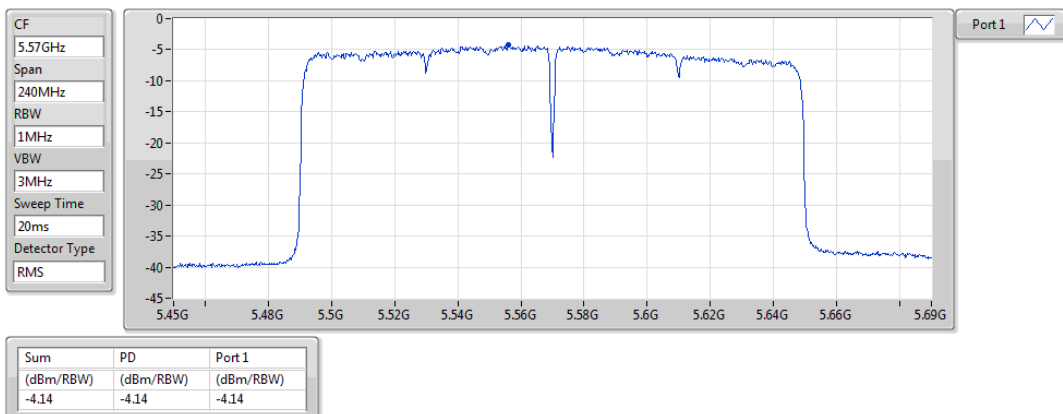


802.11ax HEW160_Nss1,(MCS0)_1TX

PSD

5570MHz

27/10/2019



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT160_Nss2,(MCS0)_2TX	-4.41
802.11ax HEW160_Nss2,(MCS0)_2TX	-4.36
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	8.59
802.11ac VHT20_Nss2,(MCS0)_2TX	10.49
802.11ac VHT40_Nss2,(MCS0)_2TX	7.58
802.11ac VHT80_Nss2,(MCS0)_2TX	-0.22
802.11ac VHT160_Nss2,(MCS0)_2TX	-4.39
802.11ax HEW20_Nss2,(MCS0)_2TX	10.40
802.11ax HEW40_Nss2,(MCS0)_2TX	7.63
802.11ax HEW80_Nss2,(MCS0)_2TX	-0.18
802.11ax HEW160_Nss2,(MCS0)_2TX	-4.28
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	8.55
802.11ac VHT20_Nss2,(MCS0)_2TX	10.45
802.11ac VHT40_Nss2,(MCS0)_2TX	7.77
802.11ac VHT80_Nss2,(MCS0)_2TX	5.08
802.11ac VHT160_Nss2,(MCS0)_2TX	-3.36
802.11ax HEW20_Nss2,(MCS0)_2TX	10.66
802.11ax HEW40_Nss2,(MCS0)_2TX	8.10
802.11ax HEW80_Nss2,(MCS0)_2TX	4.98
802.11ax HEW160_Nss2,(MCS0)_2TX	-3.45
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	6.49
802.11ac VHT20_Nss2,(MCS0)_2TX	8.91
802.11ac VHT40_Nss2,(MCS0)_2TX	5.81
802.11ac VHT80_Nss2,(MCS0)_2TX	2.66
802.11ax HEW20_Nss2,(MCS0)_2TX	8.74
802.11ax HEW40_Nss2,(MCS0)_2TX	5.99
802.11ax HEW80_Nss2,(MCS0)_2TX	-12.20

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	8.37	6.05	5.20	8.59	8.63
5300MHz	Pass	8.37	5.87	5.40	8.55	8.63
5320MHz	Pass	8.37	5.91	5.41	8.58	8.63
5500MHz	Pass	8.37	2.92	3.26	6.05	8.63
5580MHz	Pass	8.37	5.45	5.62	8.50	8.63
5700MHz	Pass	8.37	2.25	3.43	5.83	8.63
5720MHz Straddle 5.47-5.725GHz	Pass	8.37	5.15	6.13	8.55	8.63
5720MHz Straddle 5.725-5.85GHz	Pass	8.37	2.97	4.04	6.49	27.63
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	5.36	7.79	7.28	10.49	11.00
5300MHz	Pass	5.36	7.54	7.43	10.46	11.00
5320MHz	Pass	5.36	5.58	5.39	8.42	11.00
5500MHz	Pass	5.36	4.90	5.17	7.99	11.00
5580MHz	Pass	5.36	7.49	7.21	10.26	11.00
5700MHz	Pass	5.36	1.68	2.88	5.23	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.36	7.07	8.01	10.45	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.36	5.38	6.43	8.91	30.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	5.36	4.80	4.52	7.58	11.00
5310MHz	Pass	5.36	1.23	0.58	3.85	11.00
5510MHz	Pass	5.36	-2.11	-1.31	1.26	11.00
5550MHz	Pass	5.36	4.76	4.68	7.65	11.00
5670MHz	Pass	5.36	1.08	2.33	4.71	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.36	4.45	5.26	7.77	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.36	2.18	3.35	5.81	30.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	5.36	-2.94	-3.25	-0.22	11.00
5530MHz	Pass	5.36	-3.26	-2.54	-0.09	11.00
5610MHz	Pass	5.36	0.78	1.70	4.15	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.36	1.89	2.63	5.08	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.36	-1.14	0.42	2.66	30.00
802.11ac VHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.36	-7.38	-7.24	-4.41	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.36	-7.57	-7.13	-4.39	11.00
5570MHz	Pass	5.36	-6.36	-6.26	-3.36	11.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	5.36	7.70	7.14	10.40	11.00
5300MHz	Pass	5.36	7.47	7.30	10.37	11.00
5320MHz	Pass	5.36	5.66	5.22	8.39	11.00
5500MHz	Pass	5.36	4.97	4.98	7.94	11.00
5580MHz	Pass	5.36	7.48	7.16	10.27	11.00
5700MHz	Pass	5.36	1.63	2.92	5.27	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.36	7.23	8.13	10.66	11.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5720MHz Straddle 5.725-5.85GHz	Pass	5.36	5.21	6.26	8.74	30.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	5.36	4.83	4.54	7.63	11.00
5310MHz	Pass	5.36	1.19	0.67	3.85	11.00
5510MHz	Pass	5.36	-2.16	-1.26	1.25	11.00
5550MHz	Pass	5.36	4.82	4.80	7.73	11.00
5670MHz	Pass	5.36	1.18	2.46	4.88	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.36	4.76	5.61	8.10	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.36	2.48	3.53	5.99	30.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	5.36	-2.97	-3.24	-0.18	11.00
5530MHz	Pass	5.36	-3.07	-2.65	0.06	11.00
5610MHz	Pass	5.36	1.03	1.69	4.23	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.36	1.81	2.41	4.98	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.36	-15.71	-14.63	-12.20	30.00
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.36	-7.39	-7.06	-4.36	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.36	-7.25	-7.01	-4.28	11.00
5570MHz	Pass	5.36	-6.37	-6.48	-3.45	11.00

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

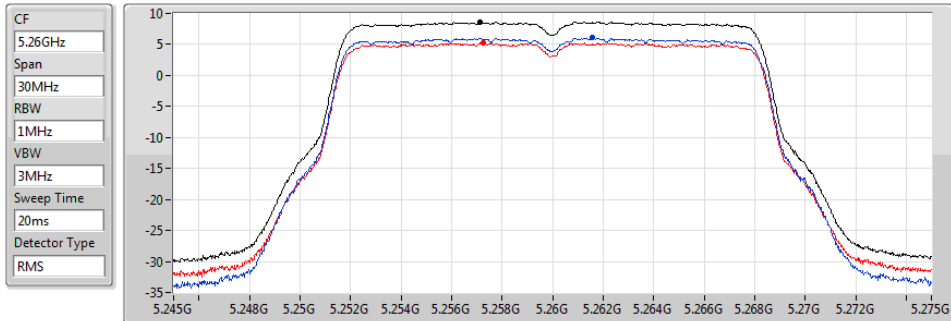
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5260MHz

27/10/2019



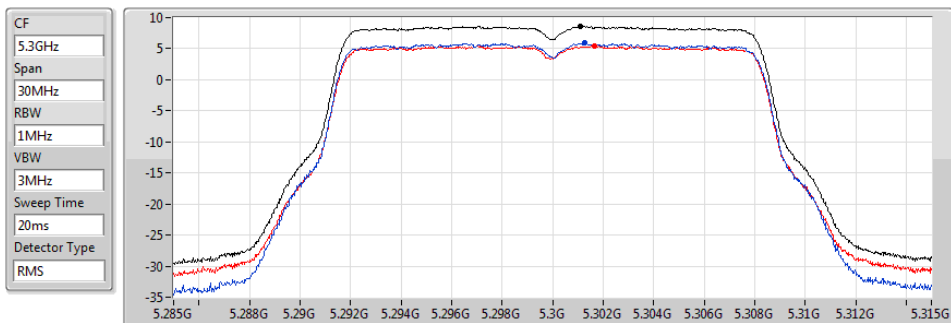
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.59	8.59	6.05	5.20

802.11a_Nss1,(6Mbps)_2TX

PSD

5300MHz

27/10/2019



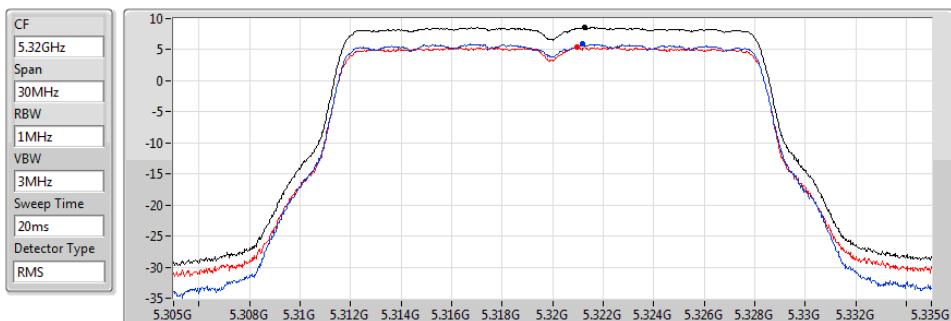
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.55	8.55	5.87	5.40

802.11a_Nss1,(6Mbps)_2TX

PSD

5320MHz

27/10/2019



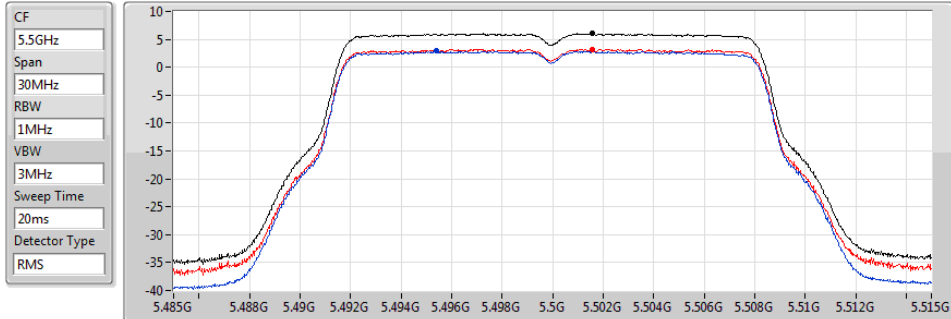
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.58	8.58	5.91	5.41

802.11a_Nss1,(6Mbps)_2TX

PSD

5500MHz

27/10/2019



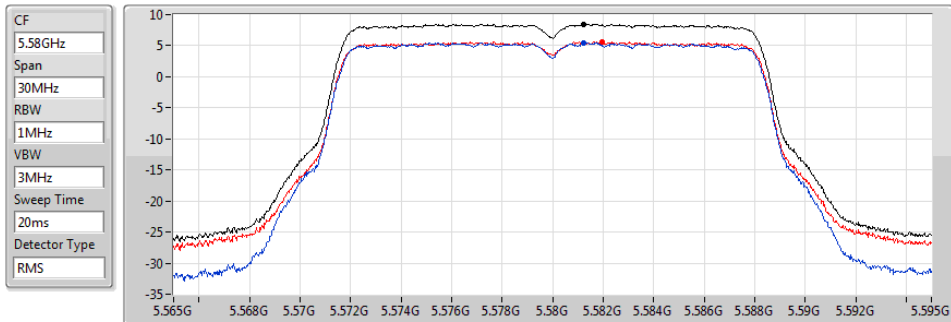
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.05	6.05	2.92	3.26

802.11a_Nss1,(6Mbps)_2TX

PSD

5580MHz

27/10/2019



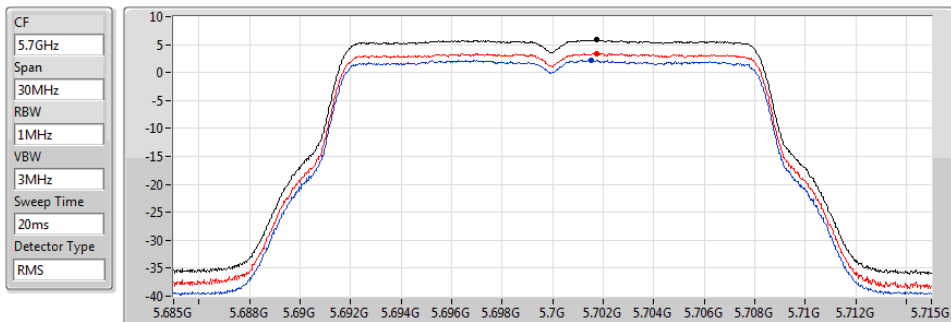
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.50	8.50	5.45	5.62

802.11a_Nss1,(6Mbps)_2TX

PSD

5700MHz

27/10/2019



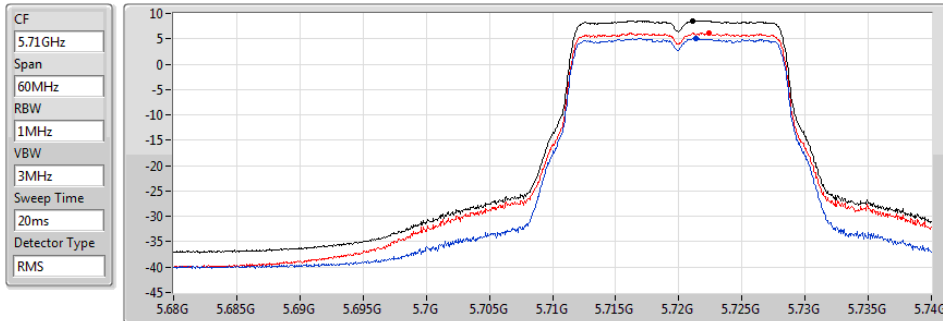
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.83	5.83	2.25	3.43

802.11a_Nss1,(6Mbps)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

27/10/2019



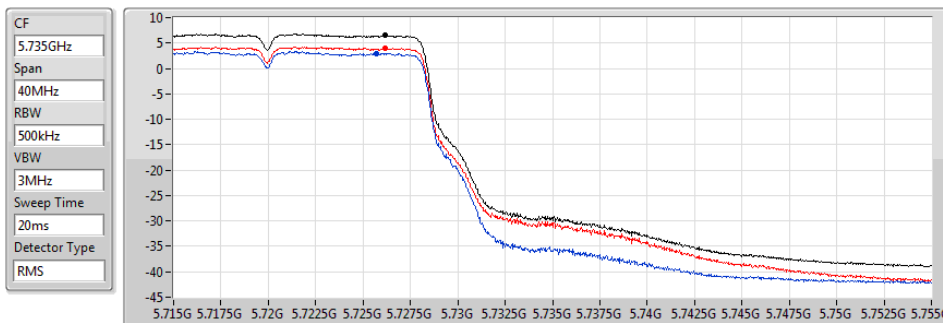
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
8.55	8.55	5.15	6.13

802.11a_Nss1,(6Mbps)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

27/10/2019



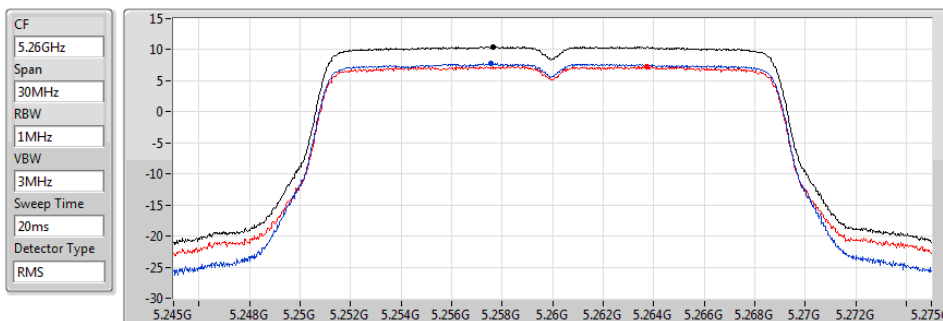
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
6.49	6.49	2.97	4.04

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5260MHz

27/10/2019



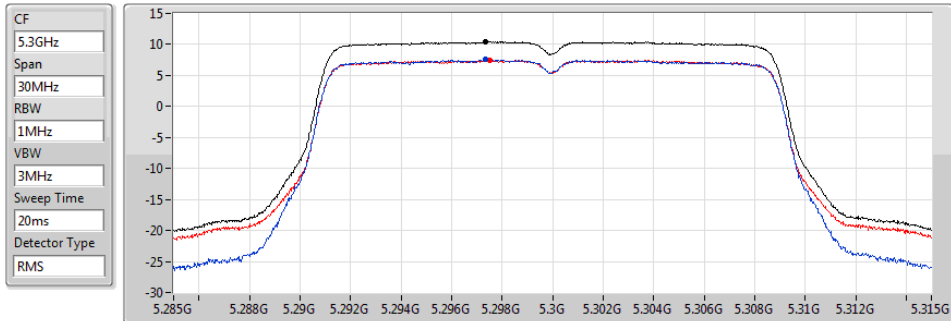
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
10.49	10.49	7.79	7.28

802.11ac VHT20_Nss2,(MCS0)_2TX

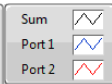
PSD

5300MHz

27/10/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.46	10.46	7.54	7.43

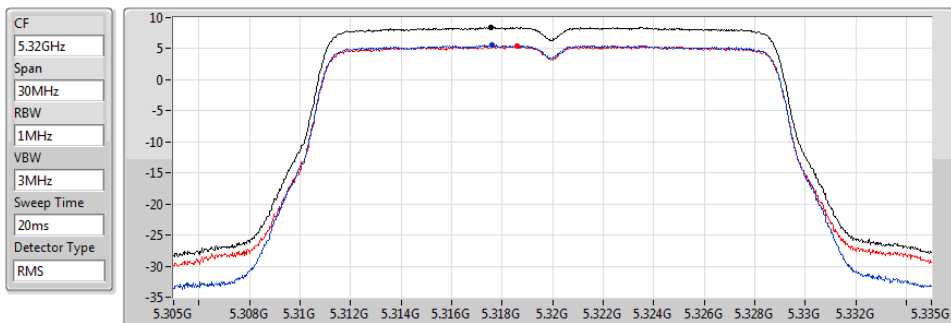


802.11ac VHT20_Nss2,(MCS0)_2TX

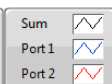
PSD

5320MHz

27/10/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.42	8.42	5.58	5.39

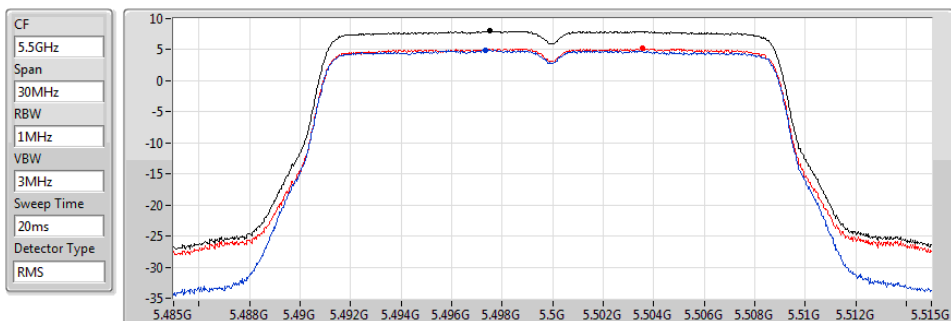


802.11ac VHT20_Nss2,(MCS0)_2TX

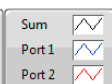
PSD

5500MHz

27/10/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.99	7.99	4.90	5.17

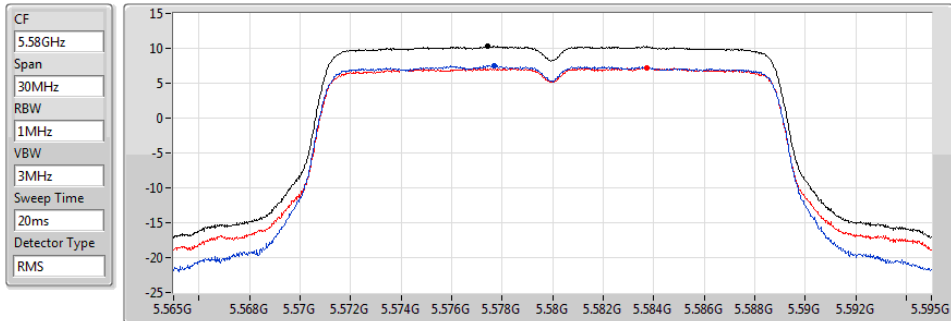


802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5580MHz

27/10/2019



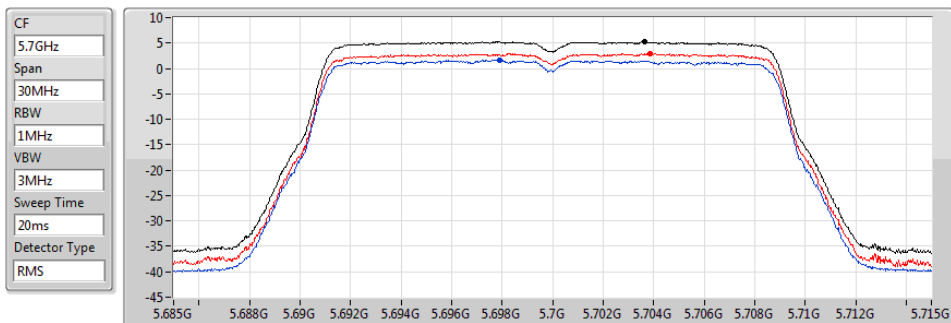
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.26	10.26	7.49	7.21

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5700MHz

27/10/2019



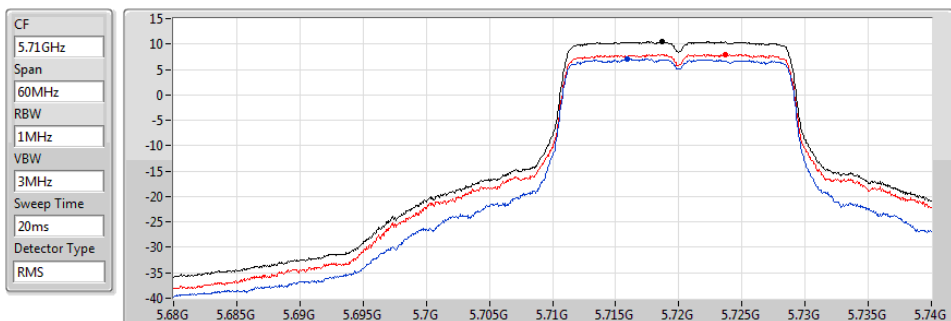
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.23	5.23	1.68	2.88

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

27/10/2019



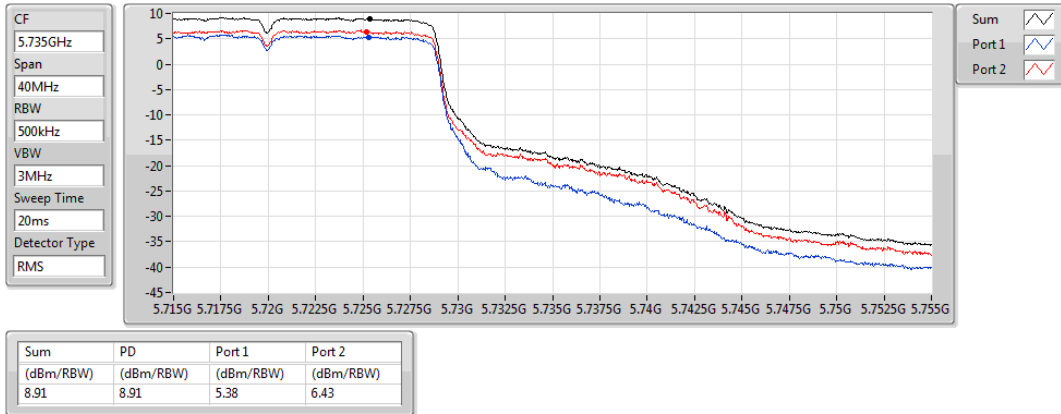
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.45	10.45	7.07	8.01

802.11ac VHT20_Nss2,(MCS0)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

27/10/2019

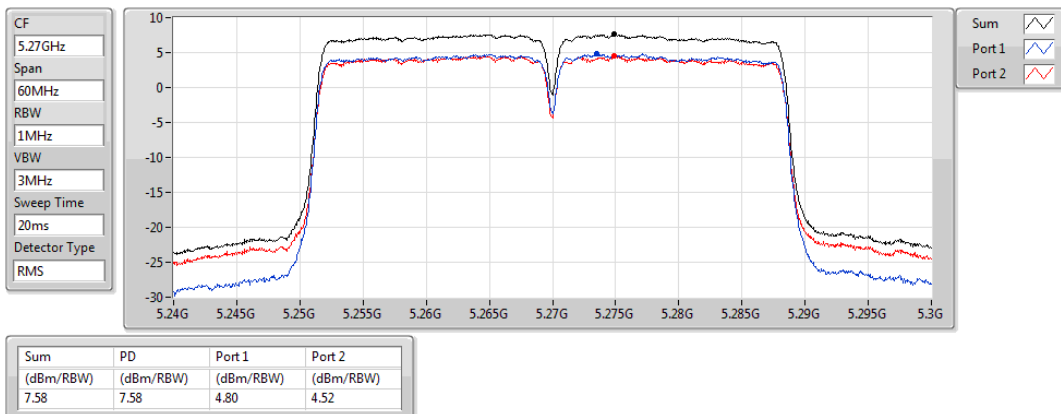


802.11ac VHT40_Nss2,(MCS0)_2TX

5270MHz

PSD

27/10/2019

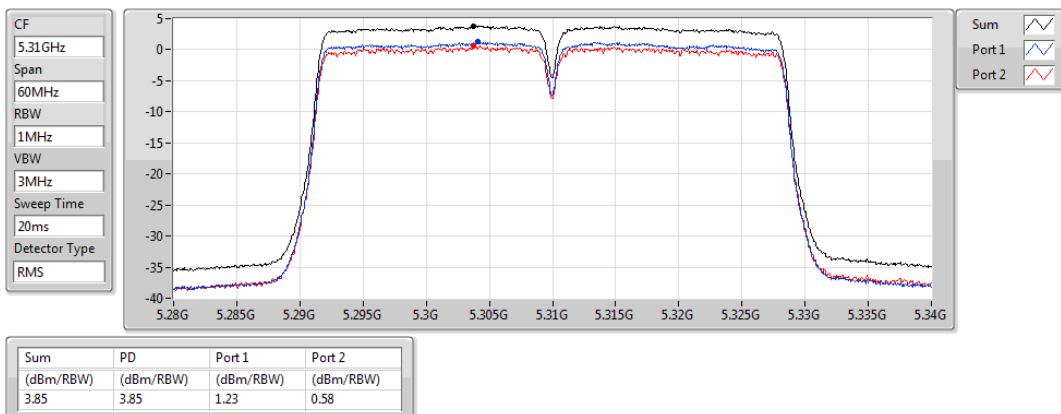


802.11ac VHT40_Nss2,(MCS0)_2TX

5310MHz

PSD

27/10/2019

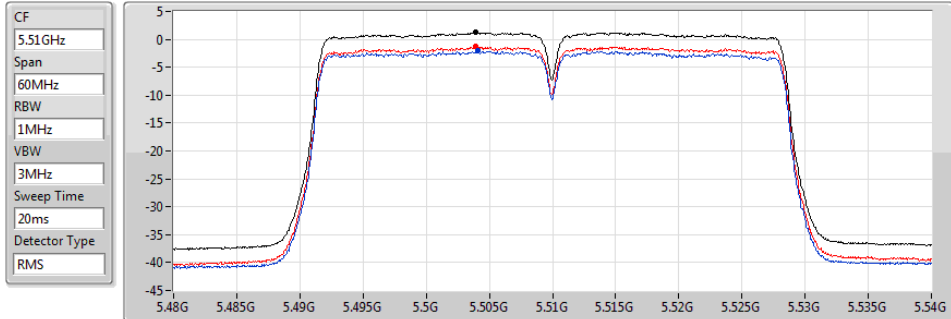


802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5510MHz

27/10/2019



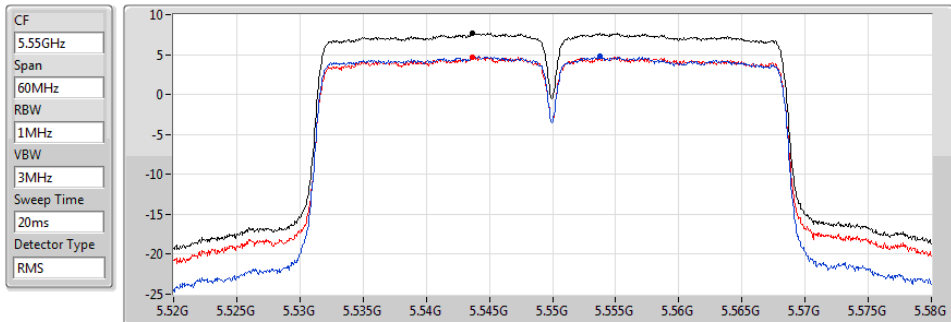
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
1.26	1.26	-2.11	-1.31

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5550MHz

27/10/2019



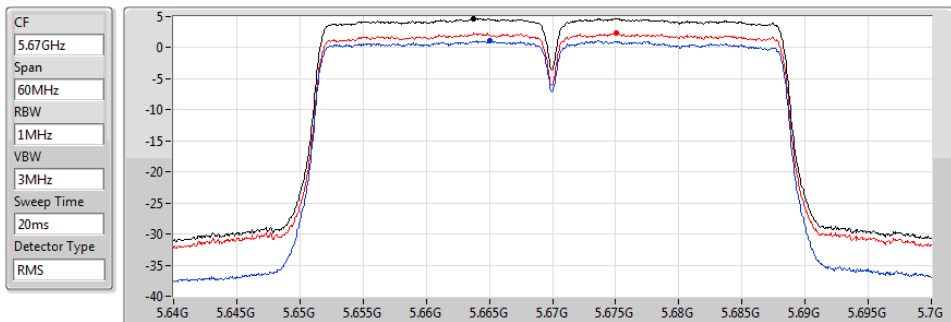
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
7.65	7.65	4.76	4.68

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5670MHz

27/10/2019



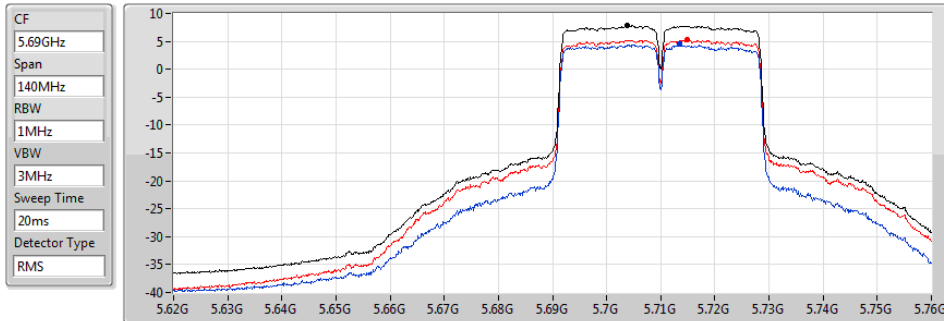
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
4.71	4.71	1.08	2.33

802.11ac VHT40_Nss2,(MCS0)_2TX

5710MHz Straddle 5.47-5.725GHz

PSD

27/10/2019



Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
7.77	7.77	4.45	5.26

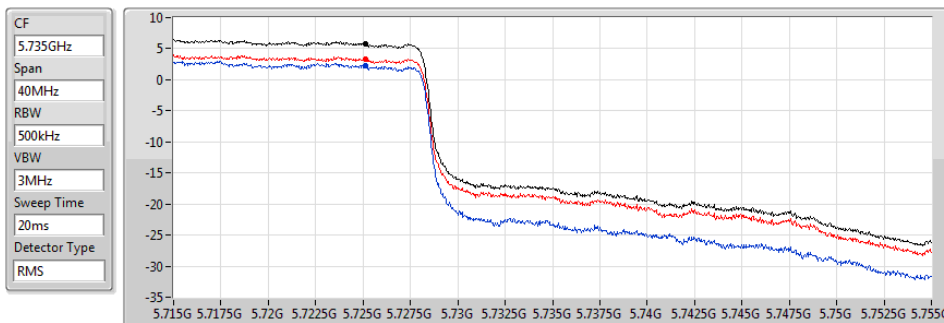
Sum
Port 1
Port 2

802.11ac VHT40_Nss2,(MCS0)_2TX

5710MHz Straddle 5.725-5.85GHz

PSD

27/10/2019



Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
5.81	5.81	2.18	3.35

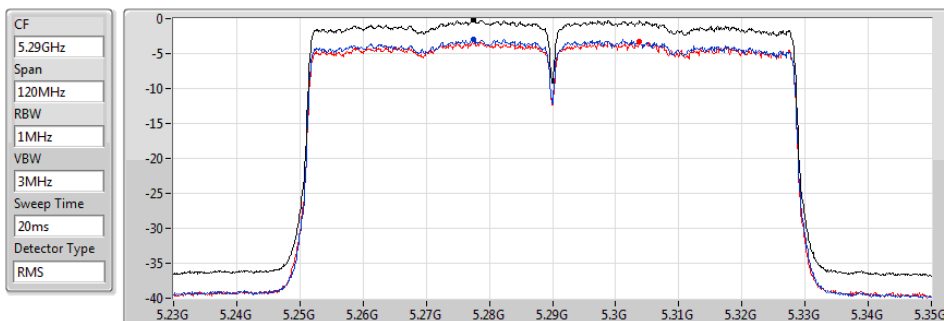
Sum
Port 1
Port 2

802.11ac VHT80_Nss2,(MCS0)_2TX

5290MHz

PSD

27/10/2019



Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-0.22	-0.22	-2.94	-3.25

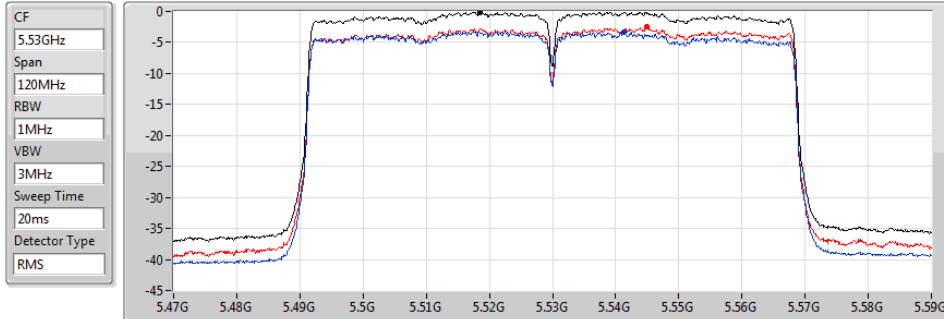
Sum
Port 1
Port 2

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5530MHz

27/10/2019



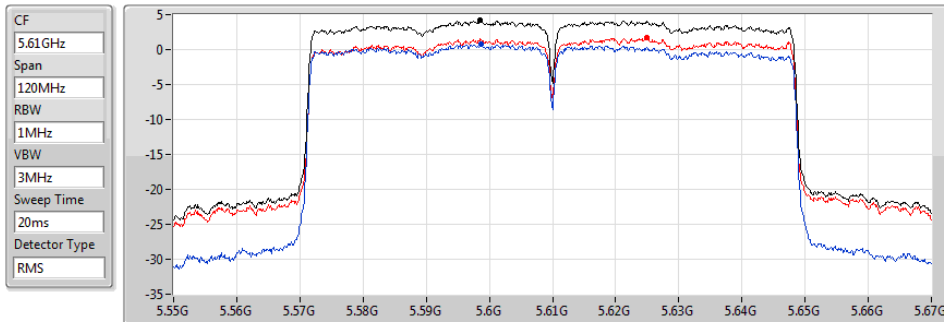
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.09	-0.09	-3.26	-2.54

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5610MHz

27/10/2019



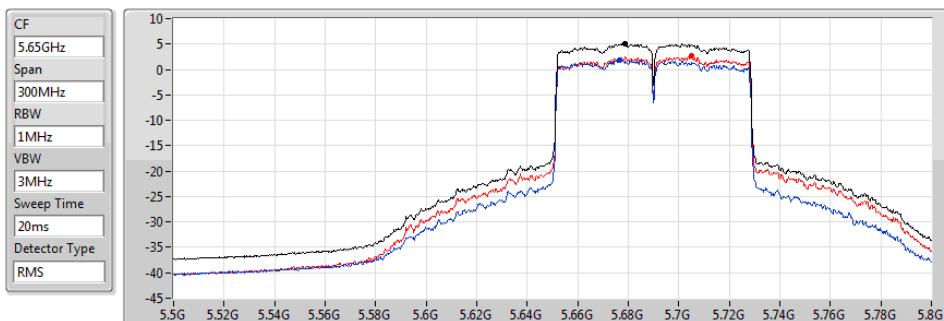
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.15	4.15	0.78	1.70

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

27/10/2019



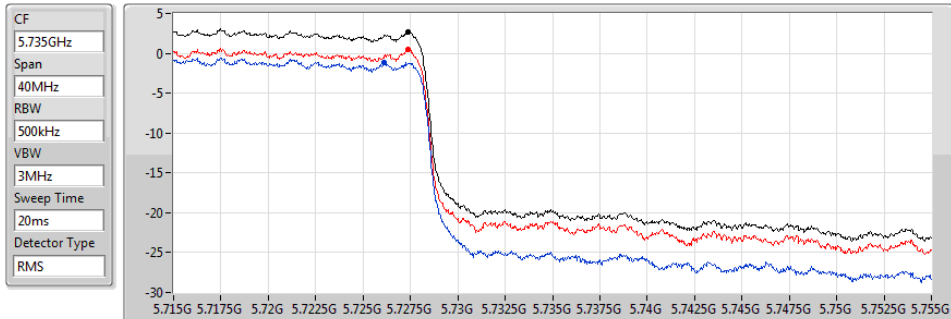
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.08	5.08	1.89	2.63

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

27/10/2019



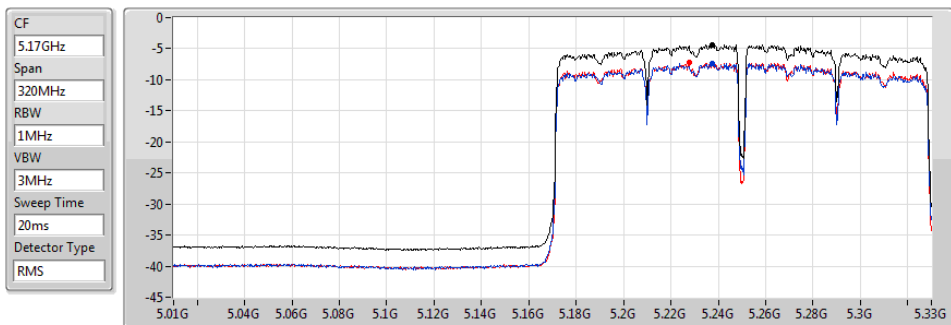
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.66	2.66	-1.14	0.42

802.11ac VHT160_Nss2,(MCS0)_2TX

PSD

5250MHz Straddle 5.15-5.25GHz

27/10/2019



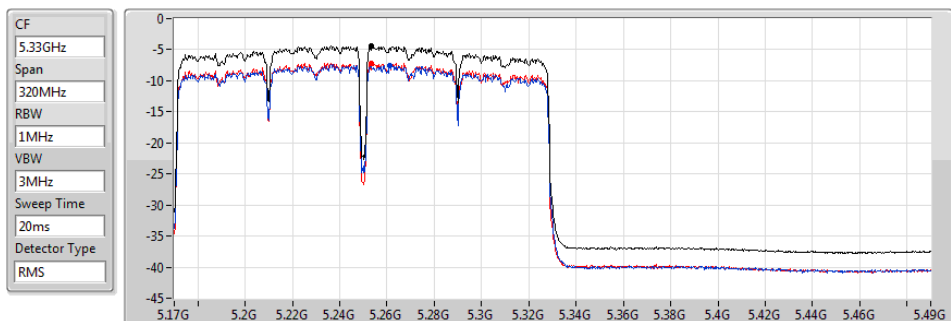
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.41	-4.41	-7.38	-7.24

802.11ac VHT160_Nss2,(MCS0)_2TX

PSD

5250MHz Straddle 5.25-5.35GHz

27/10/2019



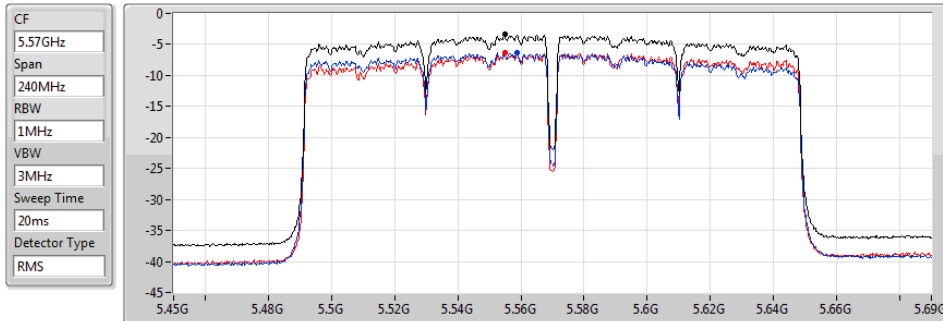
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.39	-4.39	-7.57	-7.13

802.11ac VHT160_Nss2,(MCS0)_2TX

PSD

5570MHz

27/10/2019



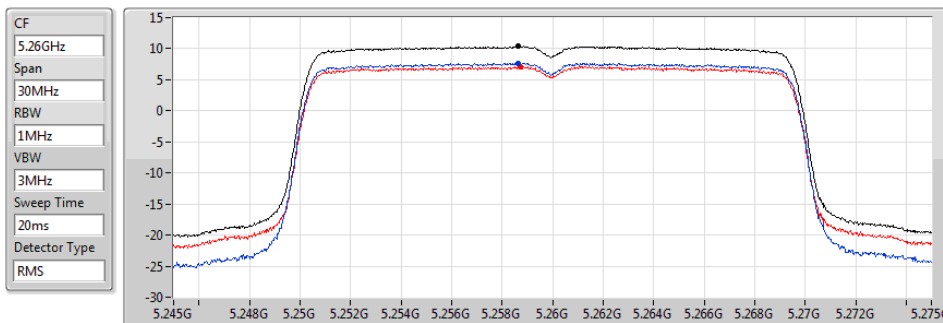
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.36	-3.36	-6.36	-6.26

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5260MHz

27/10/2019



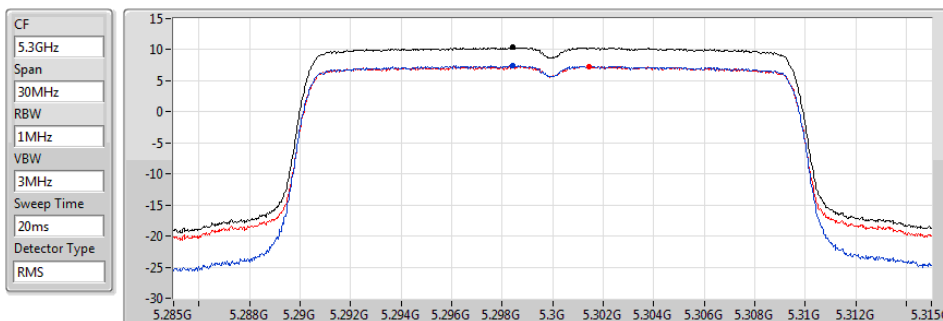
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.40	10.40	7.70	7.14

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5300MHz

27/10/2019



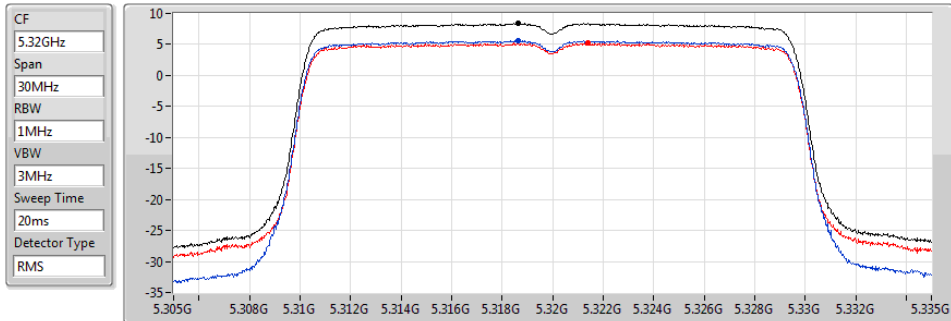
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.37	10.37	7.47	7.30

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5320MHz

27/10/2019



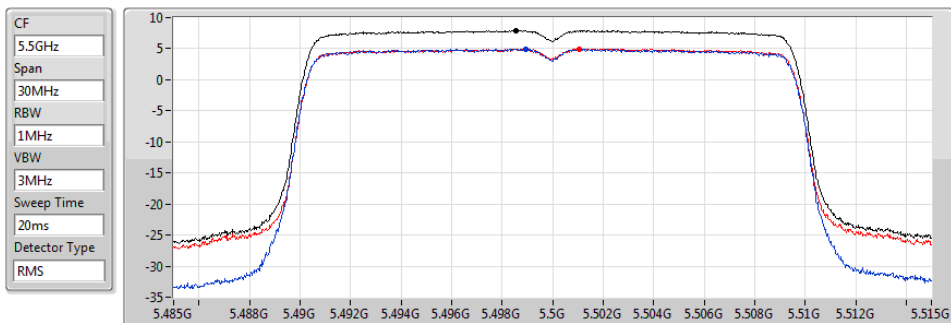
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.39	8.39	5.66	5.22

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5500MHz

27/10/2019



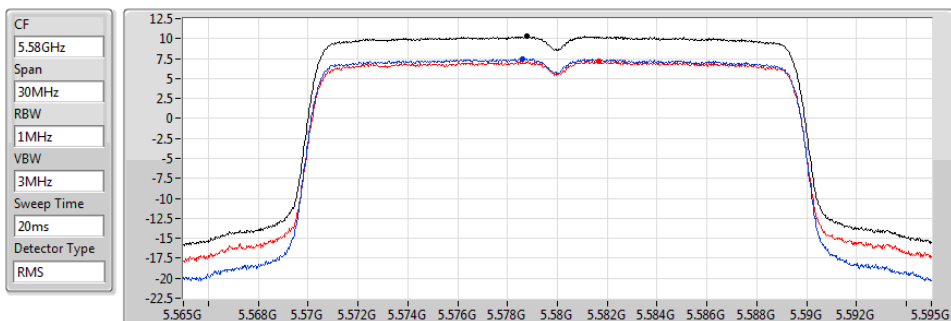
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.94	7.94	4.97	4.98

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5580MHz

27/10/2019



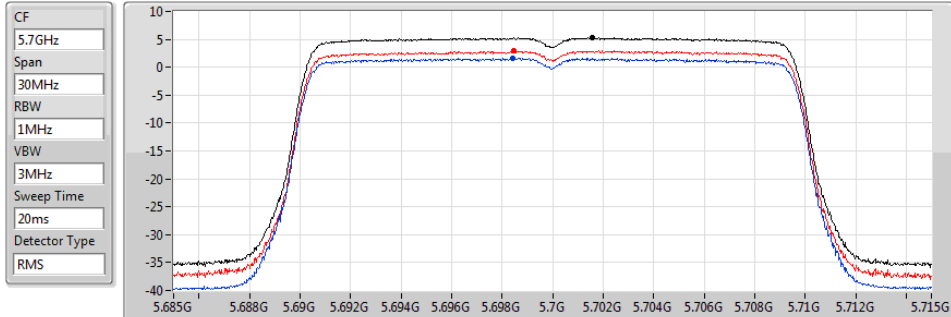
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.27	10.27	7.48	7.16

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5700MHz

27/10/2019



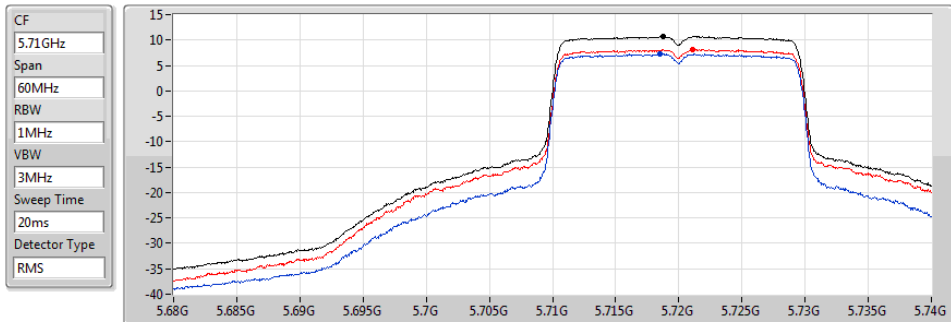
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.27	5.27	1.63	2.92

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

27/10/2019



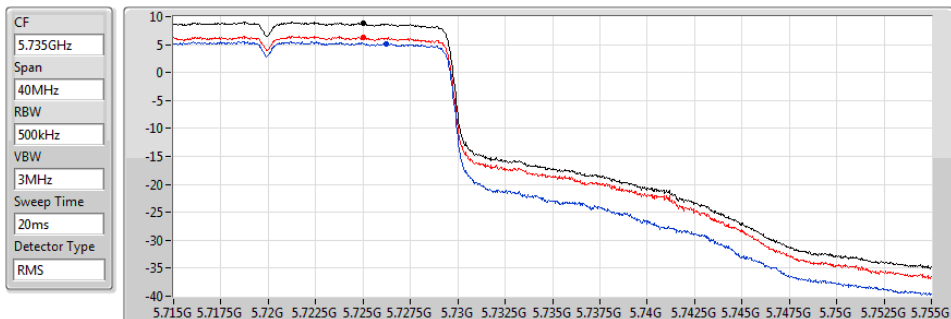
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.66	10.66	7.23	8.13

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

27/10/2019



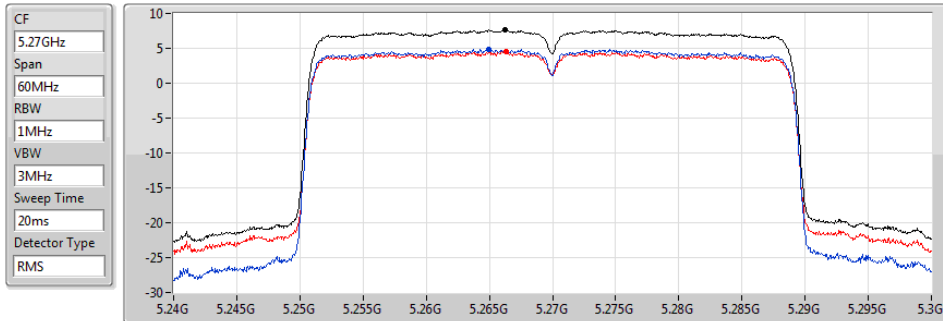
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.74	8.74	5.21	6.26

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5270MHz

27/10/2019



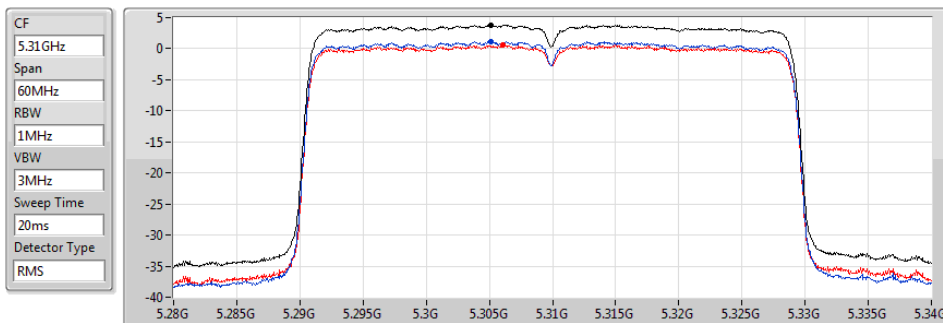
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.63	7.63	4.83	4.54

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5310MHz

27/10/2019



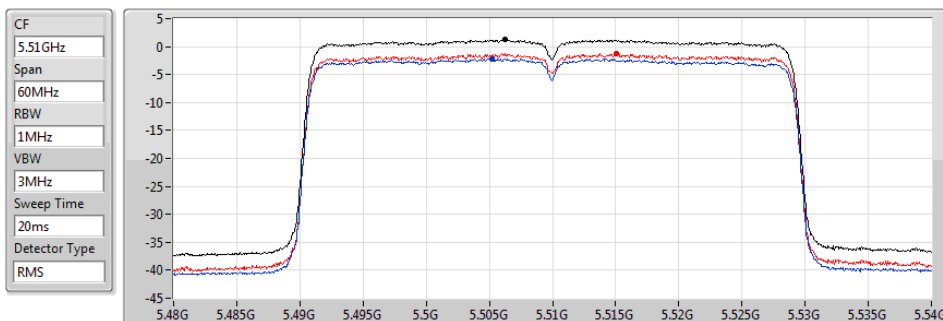
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.85	3.85	1.19	0.67

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5510MHz

27/10/2019



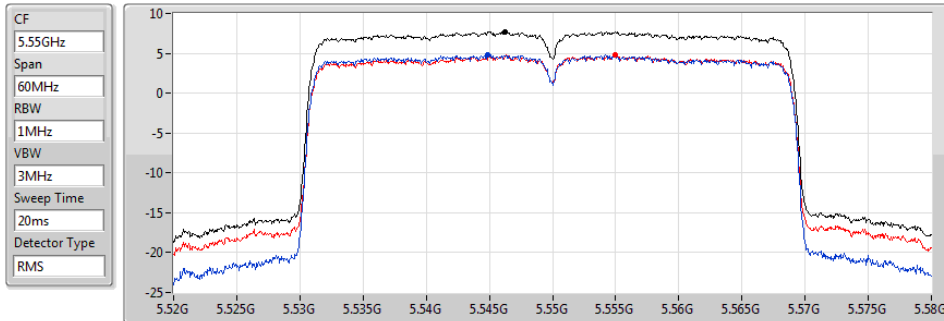
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.25	1.25	-2.16	-1.26

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5550MHz

27/10/2019



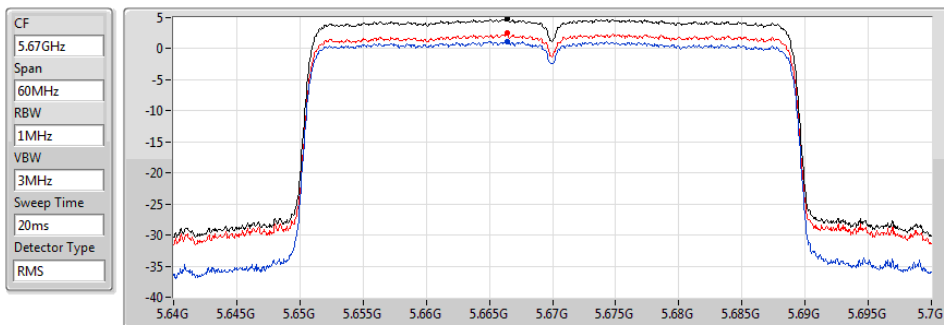
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.73	7.73	4.82	4.80

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5670MHz

27/10/2019



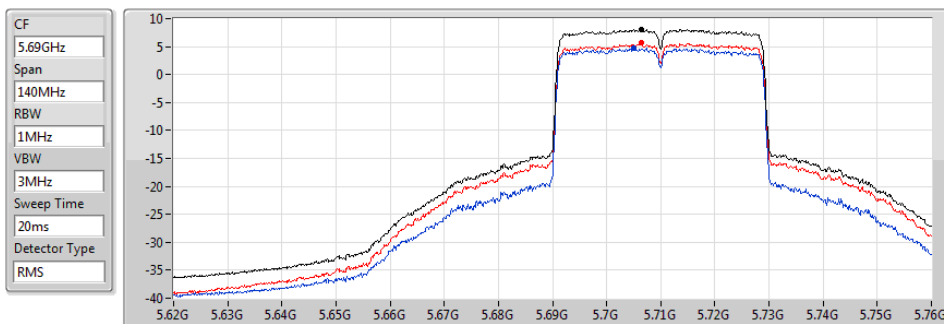
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.88	4.88	1.18	2.46

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

27/10/2019



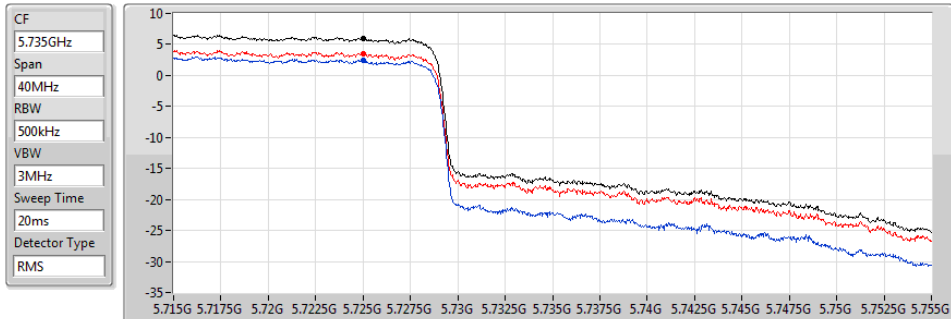
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.10	8.10	4.76	5.61

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

27/10/2019



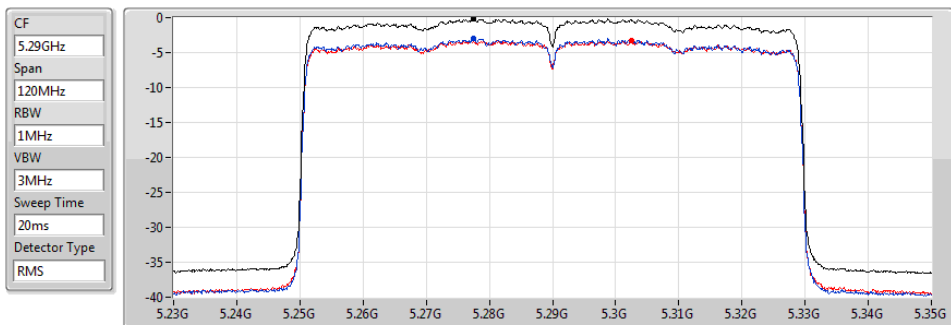
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.99	5.99	2.48	3.53

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5290MHz

27/10/2019



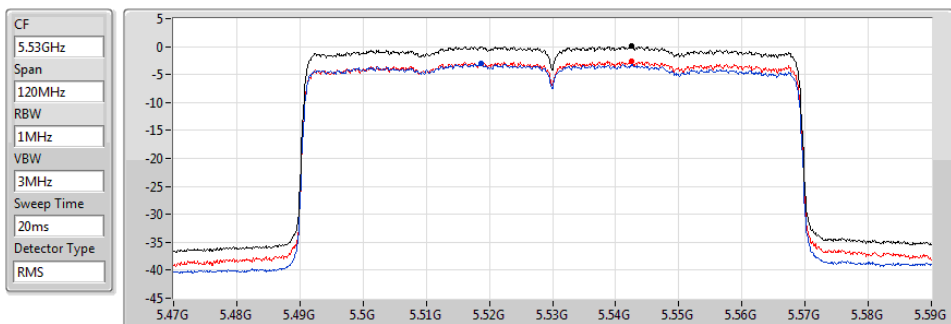
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.18	-0.18	-2.97	-3.24

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5530MHz

27/10/2019



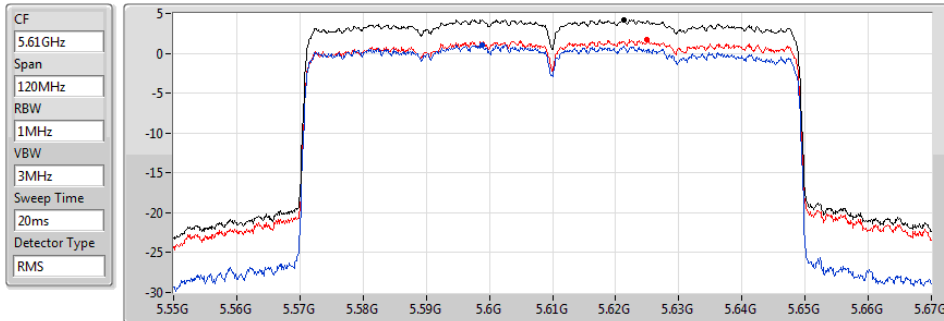
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.06	0.06	-3.07	-2.65

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5610MHz

27/10/2019



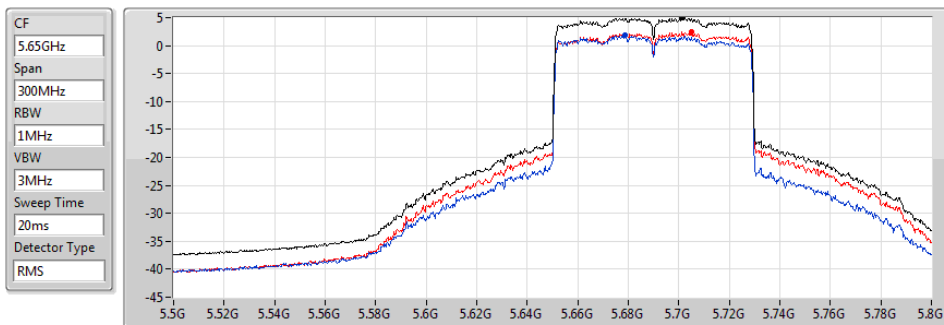
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.23	4.23	1.03	1.69

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

27/10/2019



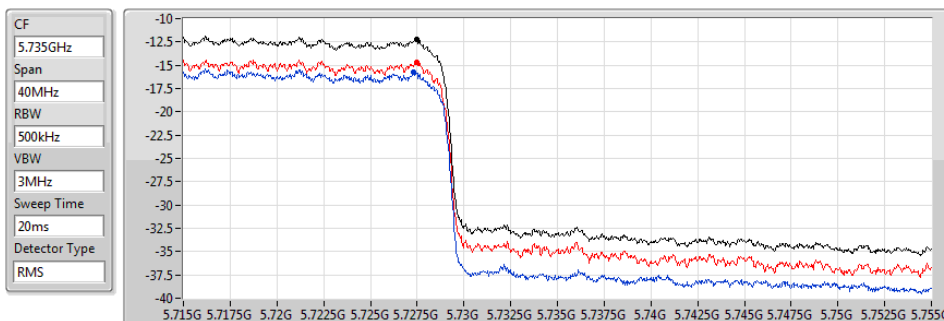
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.98	4.98	1.81	2.41

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

27/10/2019



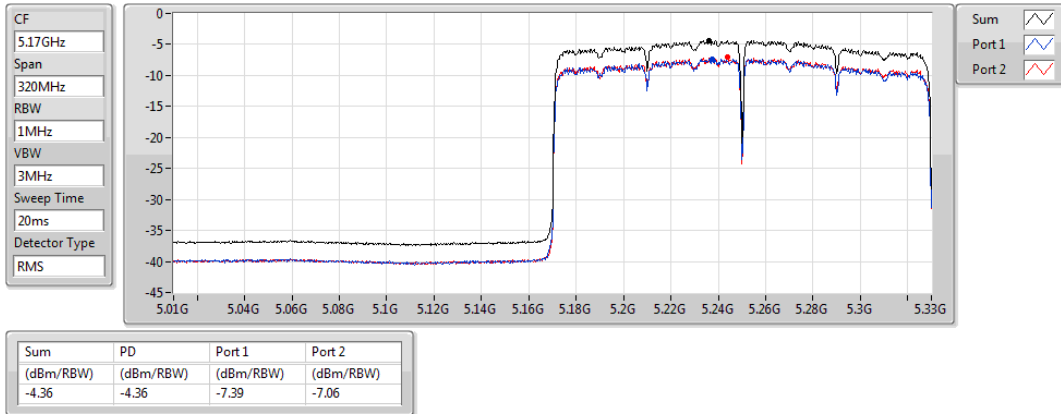
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-12.20	-12.20	-15.71	-14.63

802.11ax HEW160_Nss2,(MCS0)_2TX

PSD

5250MHz Straddle 5.15-5.25GHz

27/10/2019

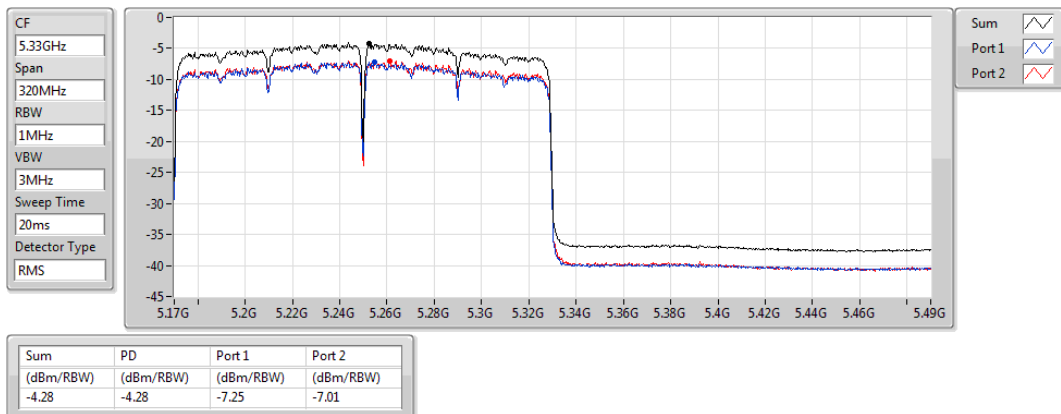


802.11ax HEW160_Nss2,(MCS0)_2TX

PSD

5250MHz Straddle 5.25-5.35GHz

27/10/2019

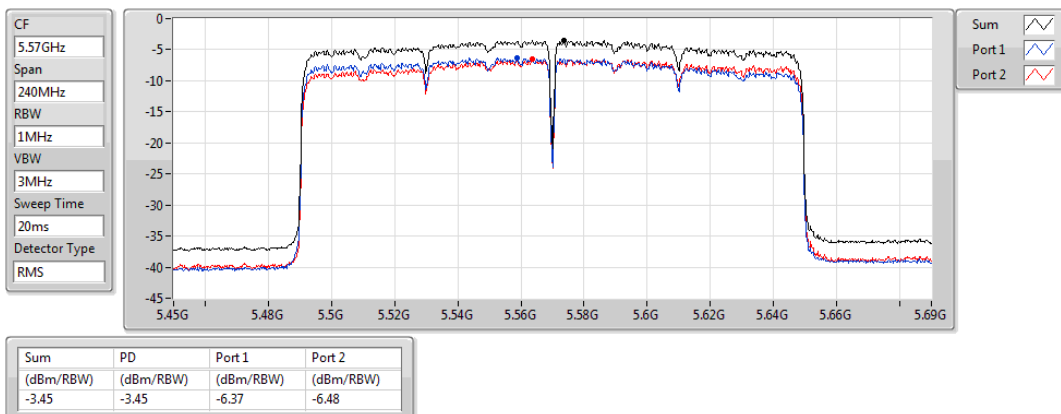


802.11ax HEW160_Nss2,(MCS0)_2TX

PSD

5570MHz

27/10/2019



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT160_Nss1,(MCS0)_4TX	-1.68
802.11ax HEW160_Nss1,(MCS0)_4TX	-1.59
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	5.58
802.11ac VHT20_Nss1,(MCS0)_4TX	5.59
802.11ac VHT40_Nss1,(MCS0)_4TX	5.59
802.11ac VHT80_Nss1,(MCS0)_4TX	2.16
802.11ac VHT160_Nss1,(MCS0)_4TX	-1.71
802.11ax HEW20_Nss1,(MCS0)_4TX	5.57
802.11ax HEW40_Nss1,(MCS0)_4TX	5.57
802.11ax HEW80_Nss1,(MCS0)_4TX	2.42
802.11ax HEW160_Nss1,(MCS0)_4TX	-1.57
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	5.60
802.11ac VHT20_Nss1,(MCS0)_4TX	5.58
802.11ac VHT40_Nss1,(MCS0)_4TX	5.56
802.11ac VHT80_Nss1,(MCS0)_4TX	5.15
802.11ac VHT160_Nss1,(MCS0)_4TX	0.16
802.11ax HEW20_Nss1,(MCS0)_4TX	5.54
802.11ax HEW40_Nss1,(MCS0)_4TX	5.60
802.11ax HEW80_Nss1,(MCS0)_4TX	5.21
802.11ax HEW160_Nss1,(MCS0)_4TX	0.11
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	3.99
802.11ac VHT20_Nss1,(MCS0)_4TX	3.89
802.11ac VHT40_Nss1,(MCS0)_4TX	3.52
802.11ac VHT80_Nss1,(MCS0)_4TX	1.91
802.11ax HEW20_Nss1,(MCS0)_4TX	3.79
802.11ax HEW40_Nss1,(MCS0)_4TX	3.42
802.11ax HEW80_Nss1,(MCS0)_4TX	2.20

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	11.38	-0.17	-1.46	-0.05	-0.02	5.55	5.62
5300MHz	Pass	11.38	-0.31	-1.17	-0.07	-0.01	5.56	5.62
5320MHz	Pass	11.38	-0.18	-1.01	-0.13	0.01	5.58	5.62
5500MHz	Pass	11.38	-0.28	0.15	-0.70	-0.58	5.59	5.62
5580MHz	Pass	11.38	-0.20	0.17	-0.88	-0.50	5.60	5.62
5700MHz	Pass	11.38	-0.40	0.53	-0.72	-0.83	5.58	5.62
5720MHz Straddle 5.47-5.725GHz	Pass	11.38	-0.46	0.62	-0.83	-0.78	5.57	5.62
5720MHz Straddle 5.725-5.85GHz	Pass	11.38	-2.18	-0.98	-2.44	-2.51	3.99	24.62
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	11.38	-0.17	-1.40	0.06	0.06	5.59	5.62
5300MHz	Pass	11.38	-0.25	-1.20	-0.06	-0.05	5.59	5.62
5320MHz	Pass	11.38	-0.29	-1.23	0.01	-0.01	5.58	5.62
5500MHz	Pass	11.38	-0.30	0.20	-0.60	-0.70	5.55	5.62
5580MHz	Pass	11.38	-0.46	-0.01	-0.69	-0.64	5.48	5.62
5700MHz	Pass	11.38	-0.72	0.59	-0.90	-0.92	5.52	5.62
5720MHz Straddle 5.47-5.725GHz	Pass	11.38	-0.65	0.62	-0.69	-0.85	5.58	5.62
5720MHz Straddle 5.725-5.85GHz	Pass	11.38	-2.21	-1.21	-2.57	-2.49	3.89	24.62
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	11.38	0.00	-1.42	-0.05	0.08	5.59	5.62
5310MHz	Pass	11.38	-0.00	-1.12	-0.27	-0.16	5.58	5.62
5510MHz	Pass	11.38	-1.01	-0.08	-0.92	-1.29	5.13	5.62
5550MHz	Pass	11.38	-0.61	0.29	-0.61	-0.83	5.51	5.62
5670MHz	Pass	11.38	-0.46	0.64	-0.99	-0.85	5.52	5.62
5710MHz Straddle 5.47-5.725GHz	Pass	11.38	-0.43	0.48	-0.90	-0.75	5.56	5.62
5710MHz Straddle 5.725-5.85GHz	Pass	11.38	-2.76	-1.56	-3.01	-2.54	3.52	24.62
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	11.38	-3.90	-4.44	-3.30	-3.47	2.16	5.62
5530MHz	Pass	11.38	-3.11	-2.47	-3.44	-4.70	2.57	5.62
5610MHz	Pass	11.38	-0.62	0.23	-1.25	-1.52	5.15	5.62
5690MHz Straddle 5.47-5.725GHz	Pass	11.38	-0.99	-0.35	-1.67	-1.88	4.73	5.62
5690MHz Straddle 5.725-5.85GHz	Pass	11.38	-3.98	-3.21	-4.39	-4.46	1.91	24.62
802.11ac VHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	11.38	-7.87	-7.37	-7.70	-7.29	-1.68	11.62
5250MHz Straddle 5.25-5.35GHz	Pass	11.38	-7.62	-7.60	-7.74	-7.51	-1.71	5.62
5570MHz	Pass	11.38	-5.33	-5.21	-6.38	-6.44	0.16	5.62
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	11.38	-0.24	-1.57	-0.04	0.08	5.56	5.62
5300MHz	Pass	11.38	-0.28	-1.30	-0.02	-0.14	5.57	5.62
5320MHz	Pass	11.38	-0.25	-1.15	-0.28	-0.09	5.48	5.62
5500MHz	Pass	11.38	-0.56	0.10	-0.92	-0.79	5.41	5.62
5580MHz	Pass	11.38	-0.38	-0.07	-0.95	-0.64	5.45	5.62
5700MHz	Pass	11.38	-0.61	0.63	-0.81	-0.93	5.54	5.62
5720MHz Straddle 5.47-5.725GHz	Pass	11.38	-0.60	0.43	-0.82	-0.82	5.54	5.62

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)
5720MHz Straddle 5.725-5.85GHz	Pass	11.38	-2.33	-1.23	-2.48	-2.65	3.79	24.62
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	11.38	-0.09	-1.33	-0.14	-0.11	5.55	5.62
5310MHz	Pass	11.38	-0.09	-1.05	-0.17	-0.15	5.57	5.62
5510MHz	Pass	11.38	-0.87	-0.34	-1.17	-1.31	5.01	5.62
5550MHz	Pass	11.38	-0.40	0.12	-0.75	-0.90	5.46	5.62
5670MHz	Pass	11.38	-0.61	0.66	-0.88	-0.73	5.60	5.62
5710MHz Straddle 5.47-5.725GHz	Pass	11.38	-0.42	0.57	-0.77	-0.68	5.59	5.62
5710MHz Straddle 5.725-5.85GHz	Pass	11.38	-2.88	-1.67	-2.88	-2.75	3.42	24.62
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	11.38	-3.72	-4.32	-3.13	-2.97	2.42	5.62
5530MHz	Pass	11.38	-2.93	-2.26	-3.03	-4.13	2.87	5.62
5610MHz	Pass	11.38	-0.48	0.23	-1.22	-1.44	5.21	5.62
5690MHz Straddle 5.47-5.725GHz	Pass	11.38	-0.88	-0.38	-1.80	-1.89	4.67	5.62
5690MHz Straddle 5.725-5.85GHz	Pass	11.38	-3.90	-2.93	-4.11	-4.27	2.20	24.62
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	11.38	-7.62	-7.11	-7.32	-7.71	-1.59	11.62
5250MHz Straddle 5.25-5.35GHz	Pass	11.38	-7.71	-7.48	-7.34	-7.37	-1.57	5.62
5570MHz	Pass	11.38	-5.25	-4.93	-6.42	-6.57	0.11	5.62

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

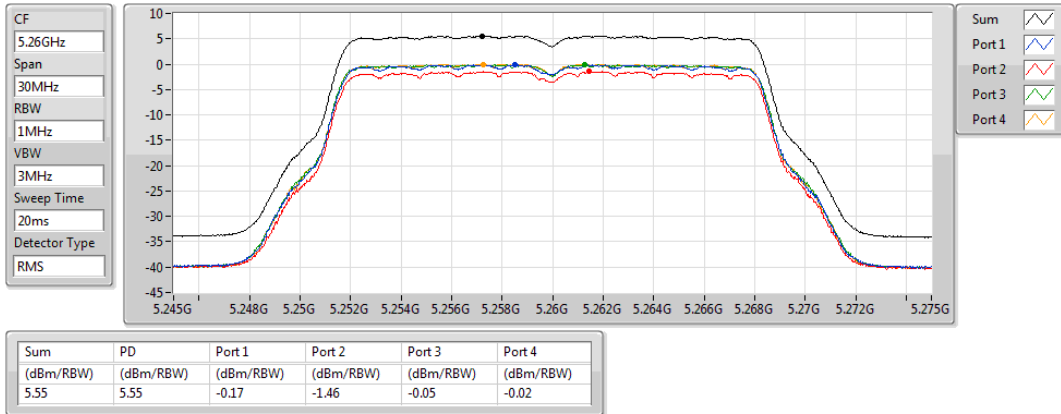
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

28/10/2019

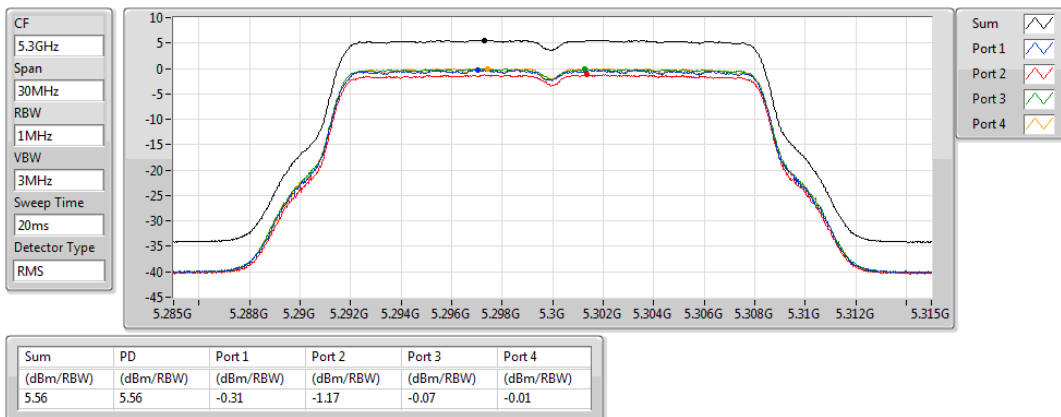


802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

28/10/2019

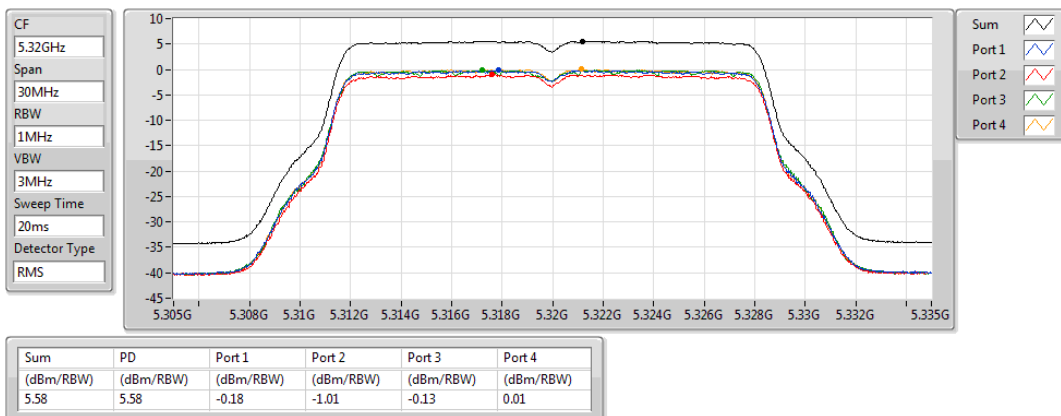


802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

28/10/2019

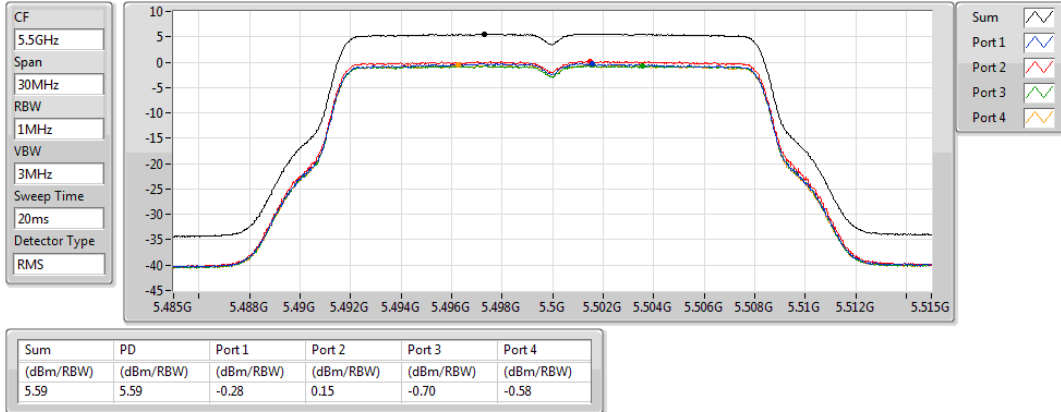


802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

28/10/2019

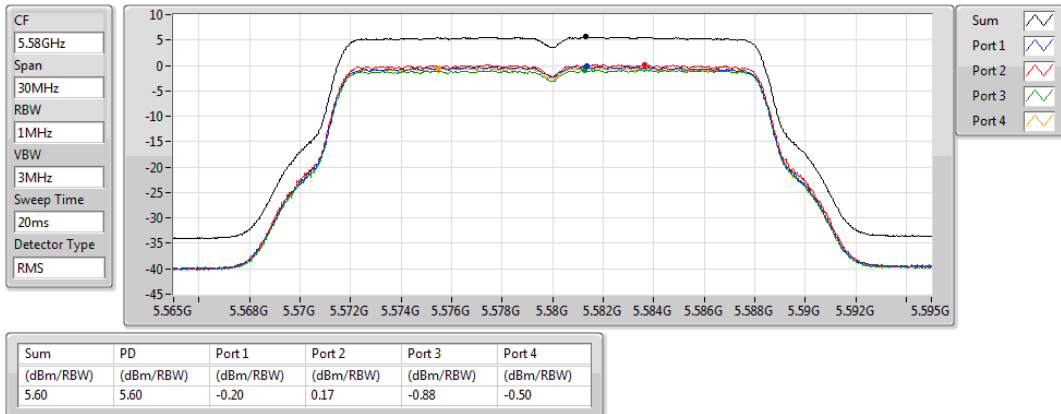


802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

28/10/2019

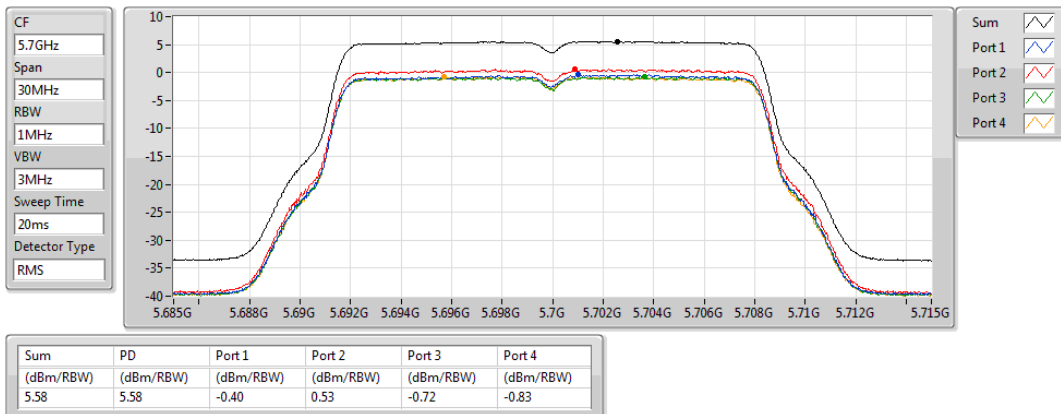


802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

28/10/2019

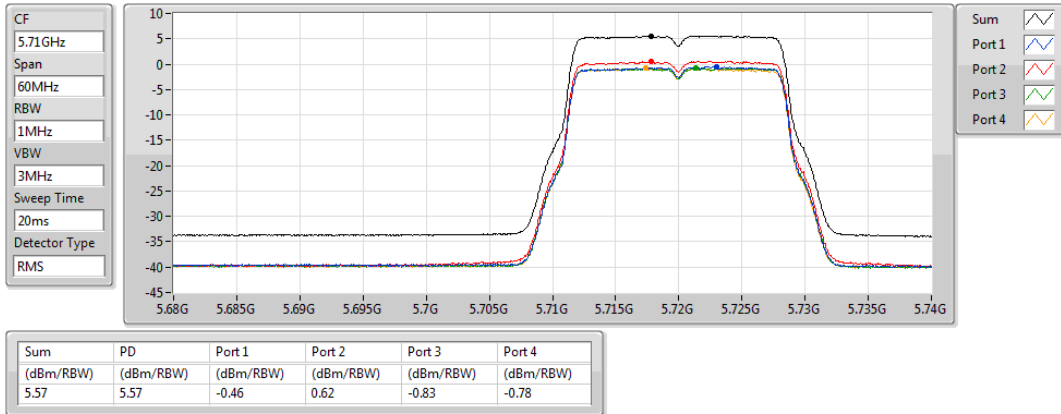


802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

28/10/2019

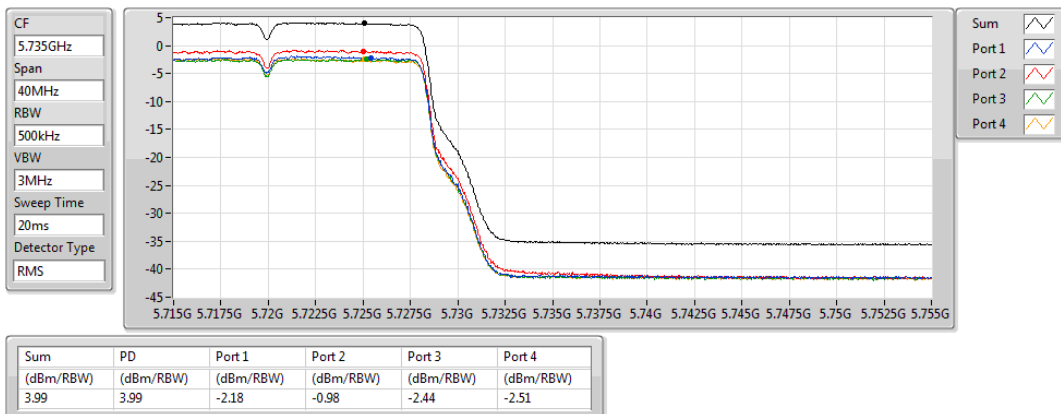


802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

28/10/2019

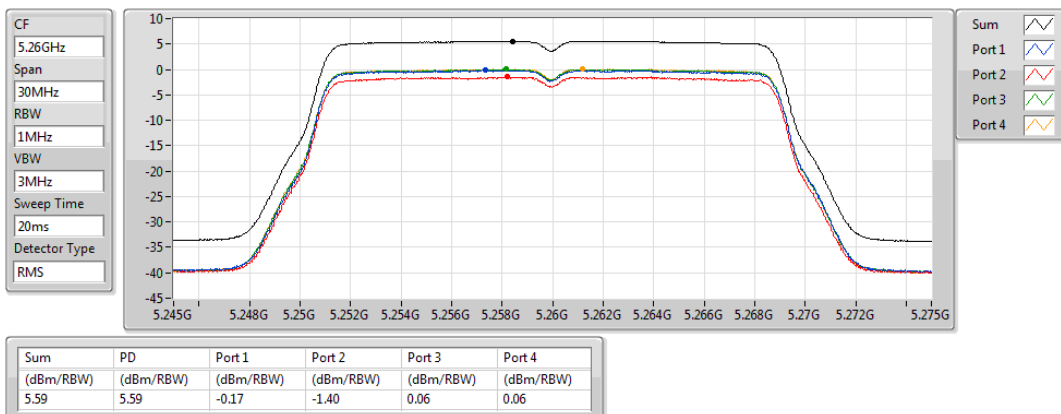


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5260MHz

28/10/2019

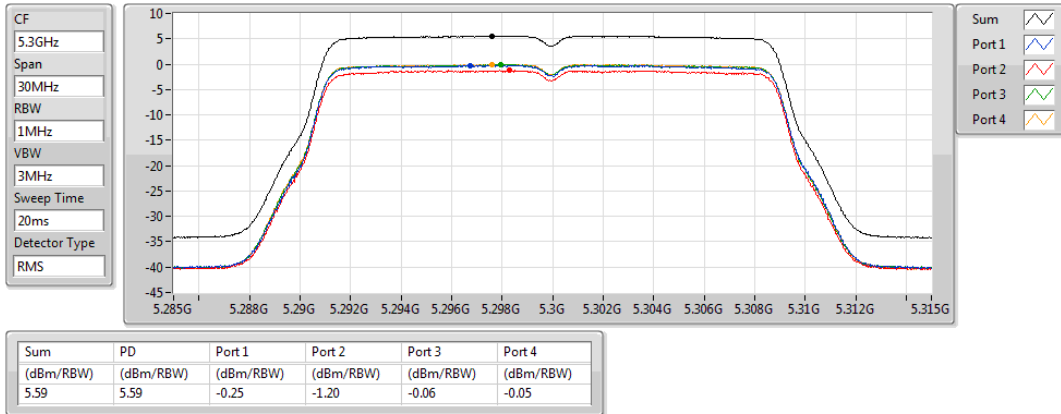


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5300MHz

28/10/2019

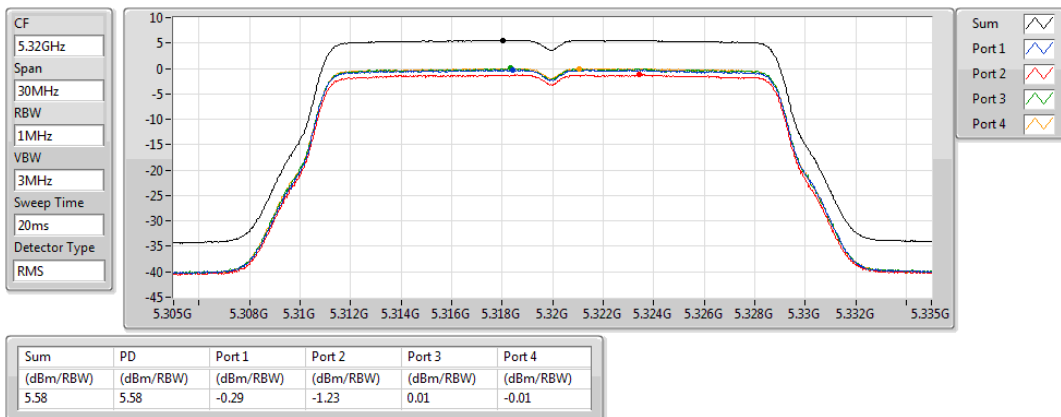


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5320MHz

28/10/2019

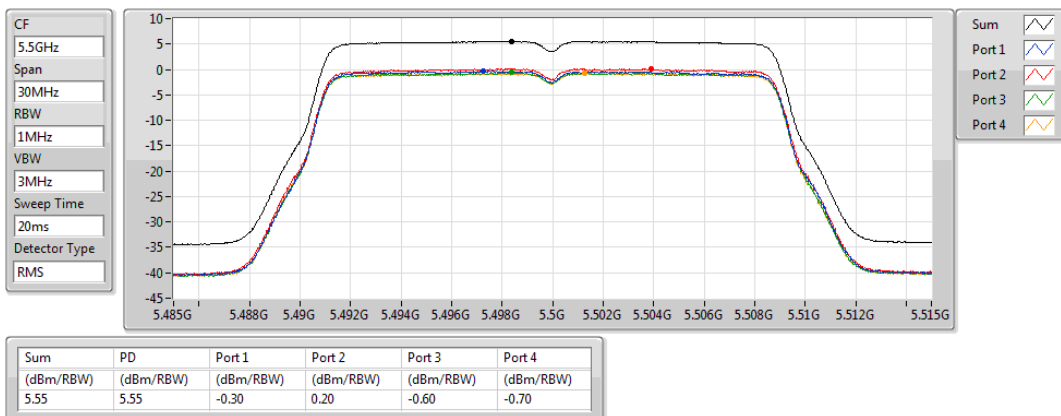


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5500MHz

28/10/2019

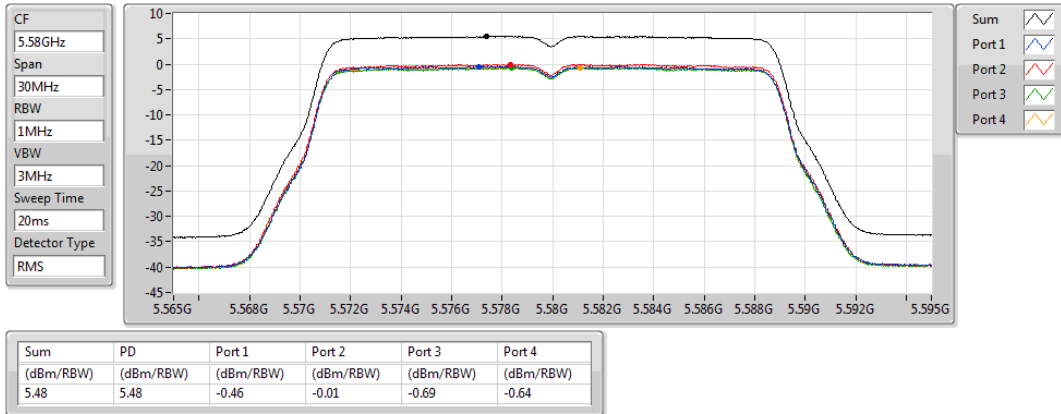


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5580MHz

28/10/2019

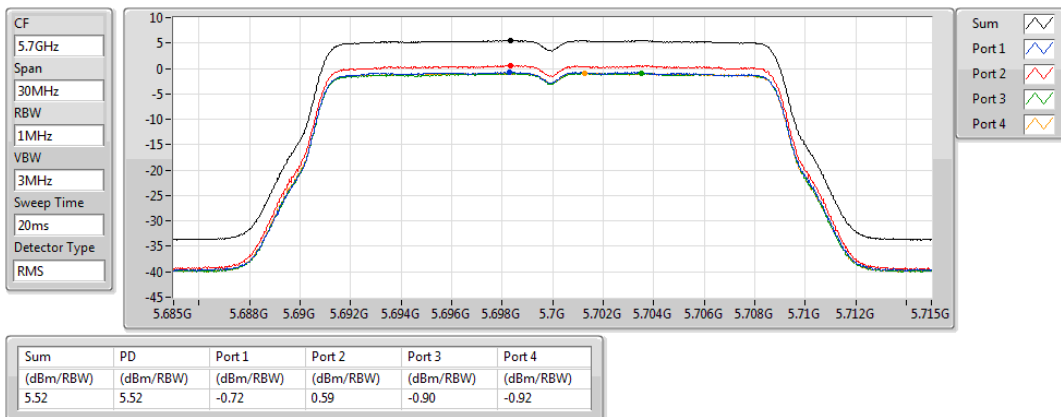


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5700MHz

28/10/2019

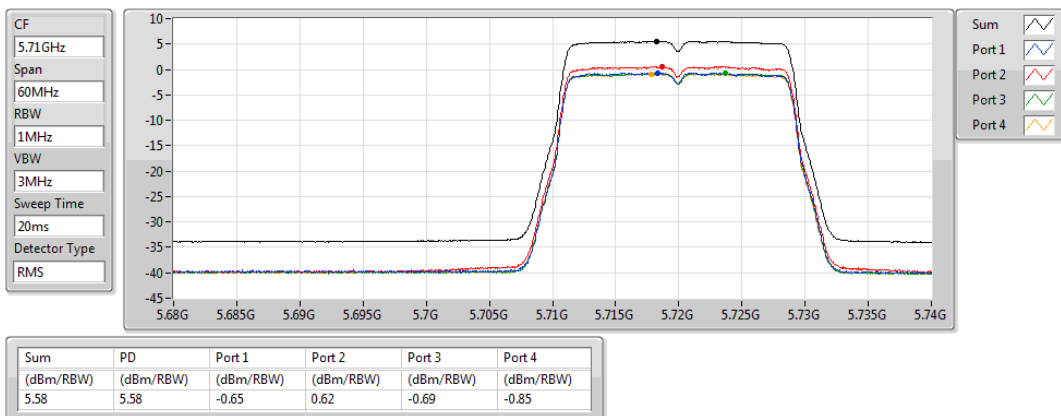


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

28/10/2019

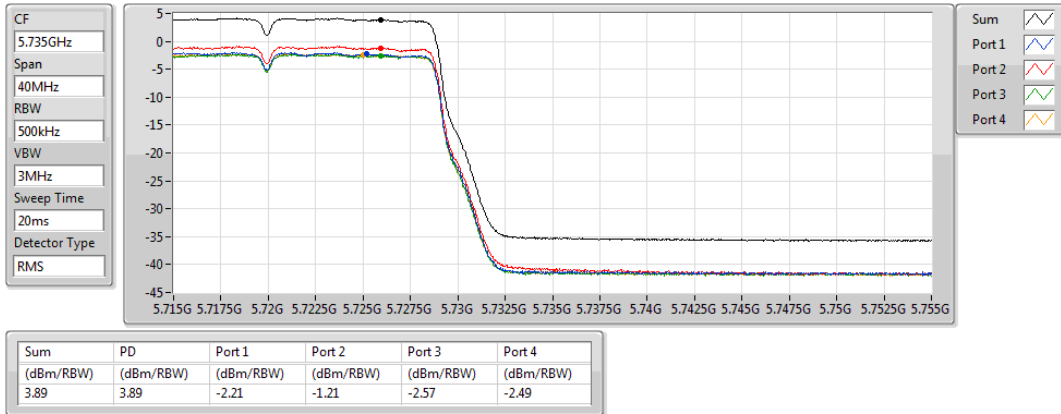


802.11ac VHT20_Nss1,(MCS0)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

28/10/2019

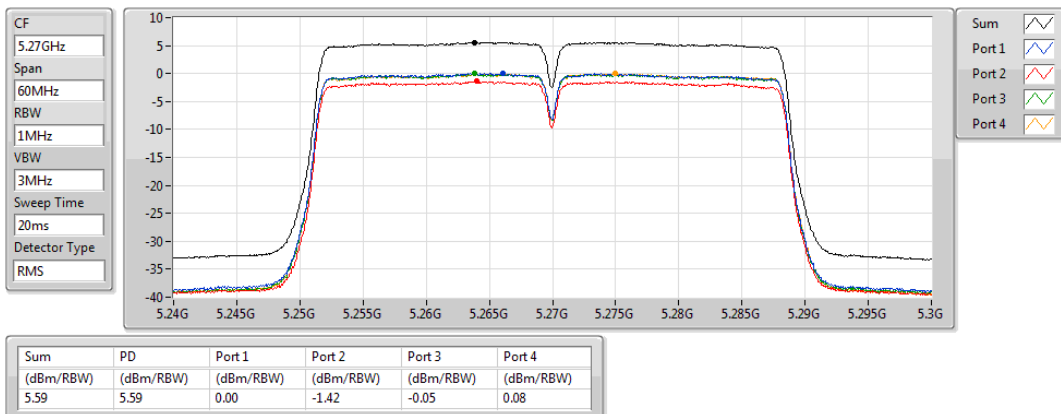


802.11ac VHT40_Nss1,(MCS0)_4TX

5270MHz

PSD

28/10/2019

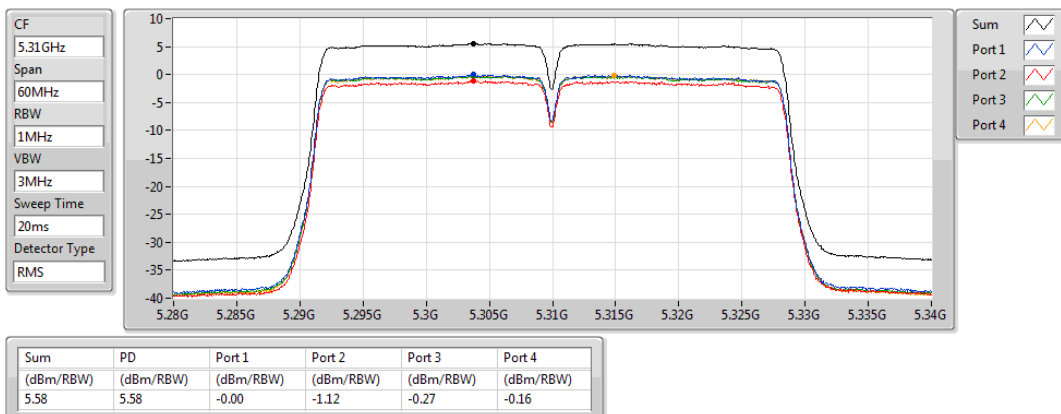


802.11ac VHT40_Nss1,(MCS0)_4TX

5310MHz

PSD

29/10/2019

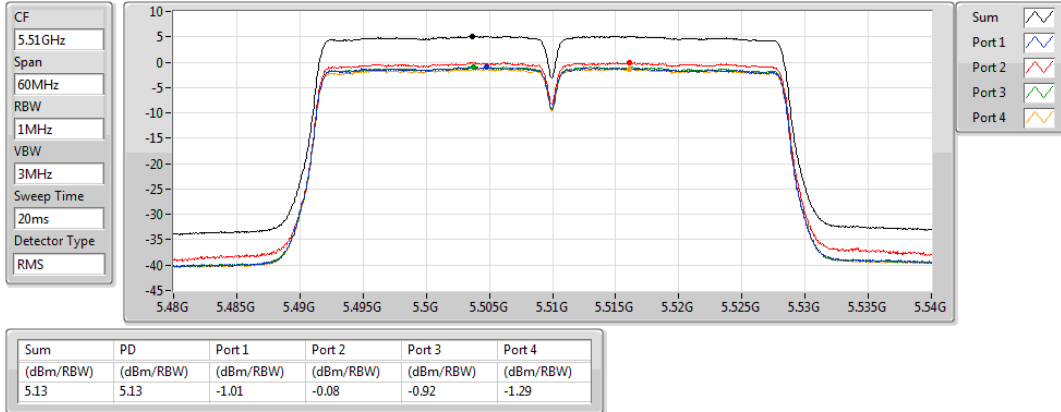


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5510MHz

29/10/2019

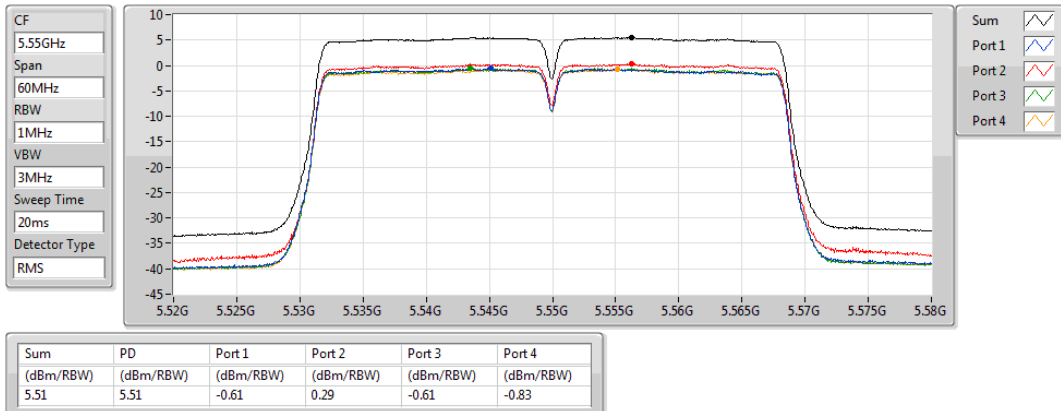


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5550MHz

29/10/2019

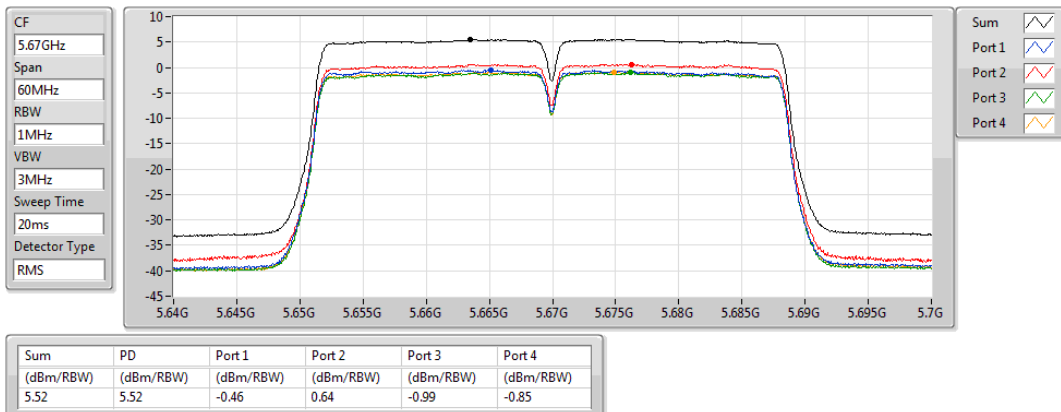


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5670MHz

29/10/2019

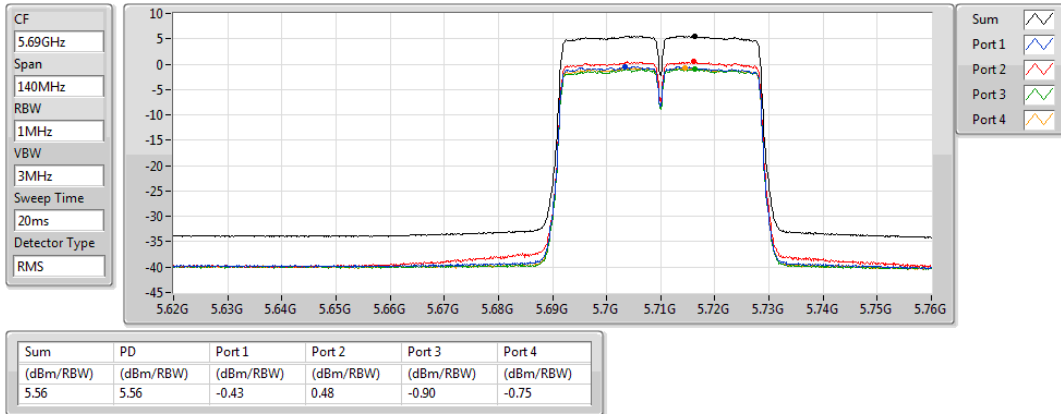


802.11ac VHT40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz

PSD

29/10/2019

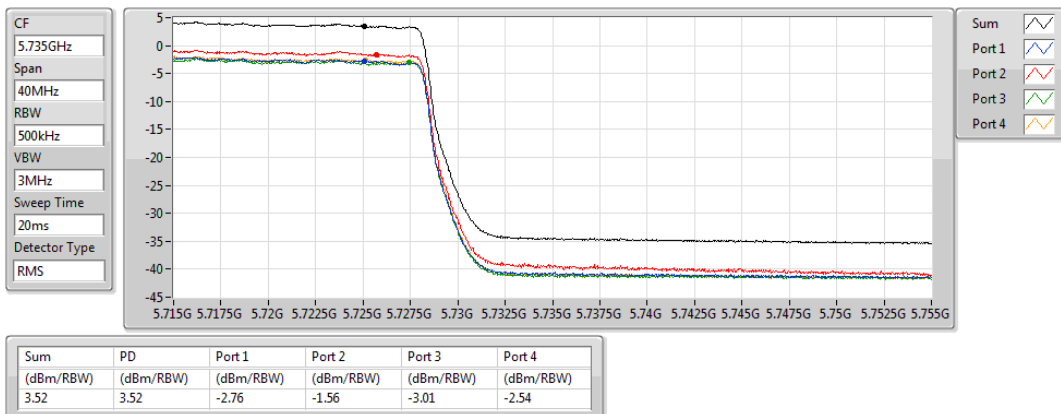


802.11ac VHT40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.725-5.85GHz

PSD

29/10/2019

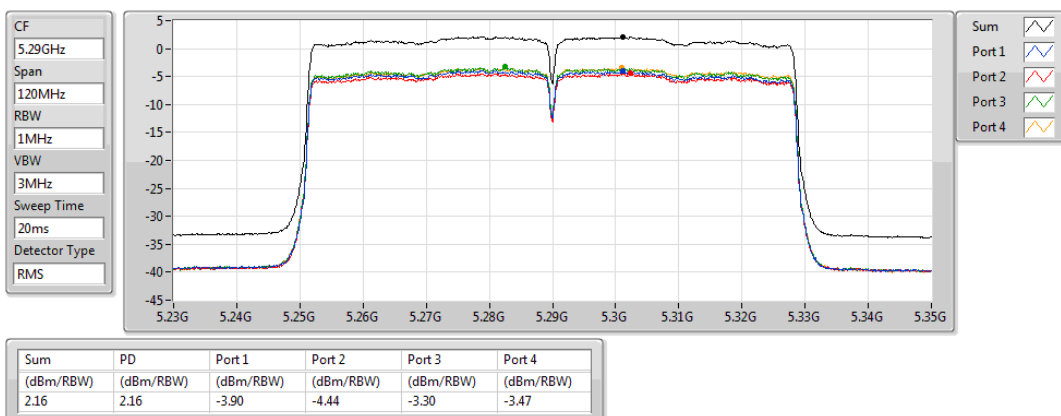


802.11ac VHT80_Nss1,(MCS0)_4TX

5290MHz

PSD

29/10/2019

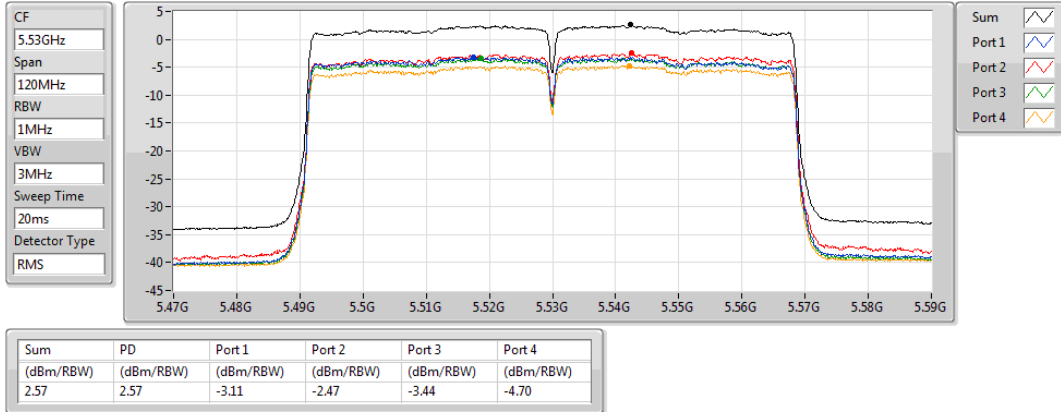


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5530MHz

29/10/2019

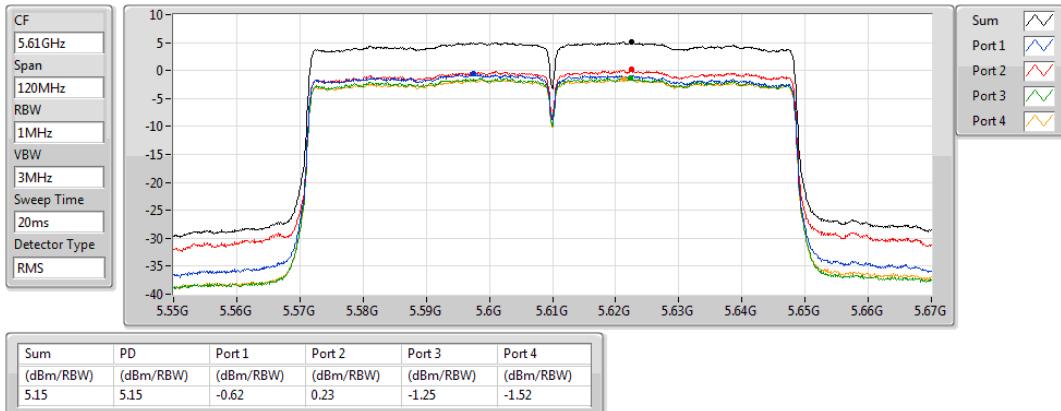


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5610MHz

29/10/2019

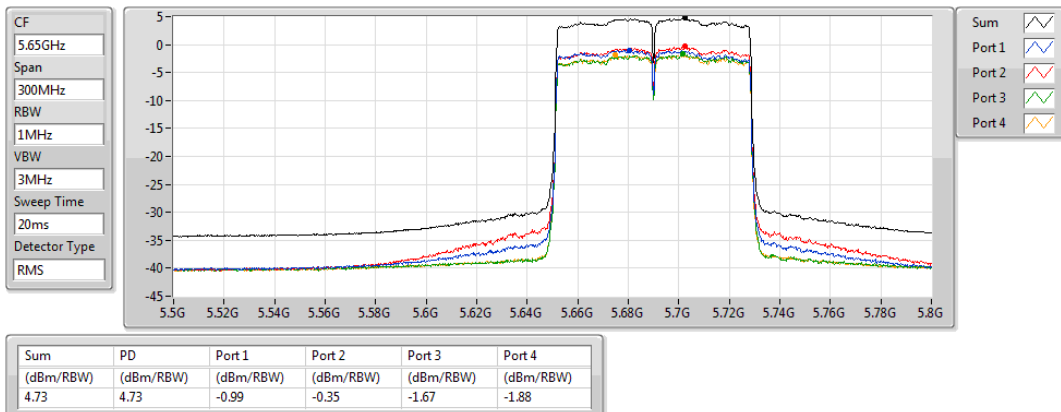


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

29/10/2019

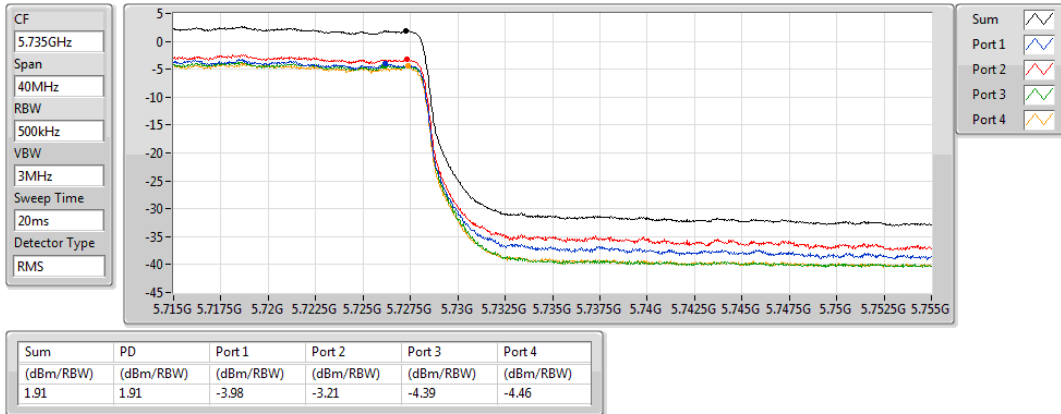


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

29/10/2019

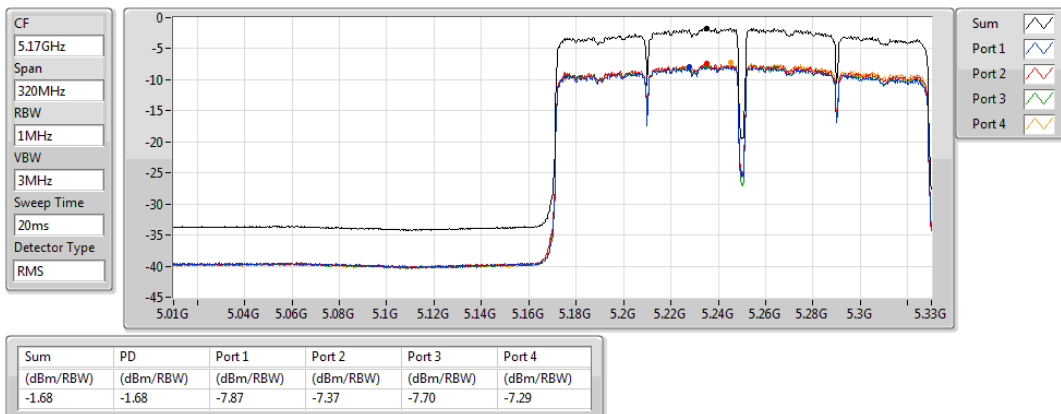


802.11ac VHT160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

29/10/2019

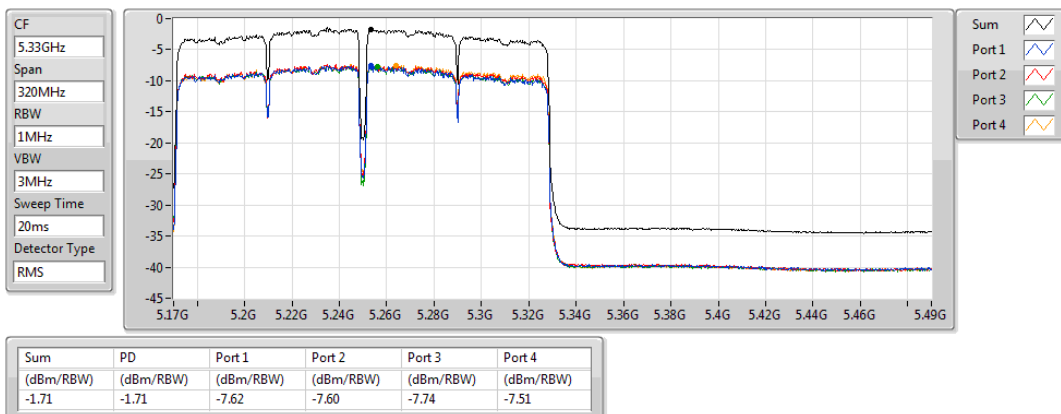


802.11ac VHT160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

29/10/2019

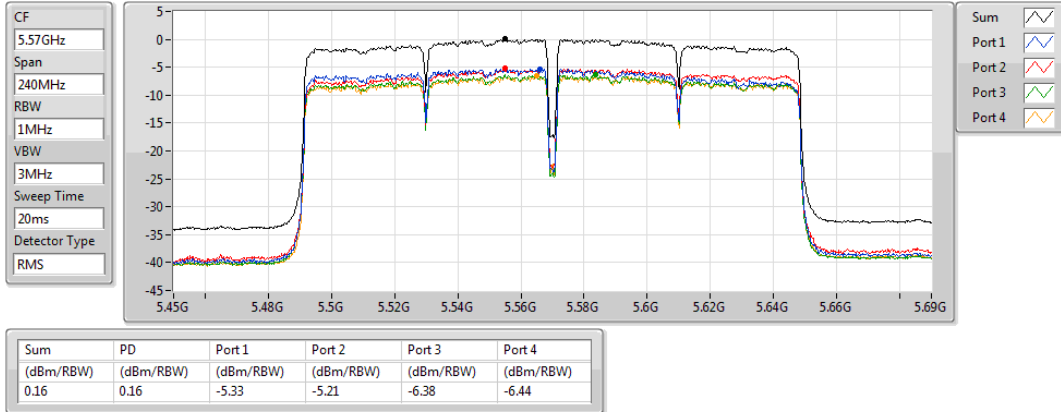


802.11ac VHT160_Nss1,(MCS0)_4TX

PSD

5570MHz

29/10/2019

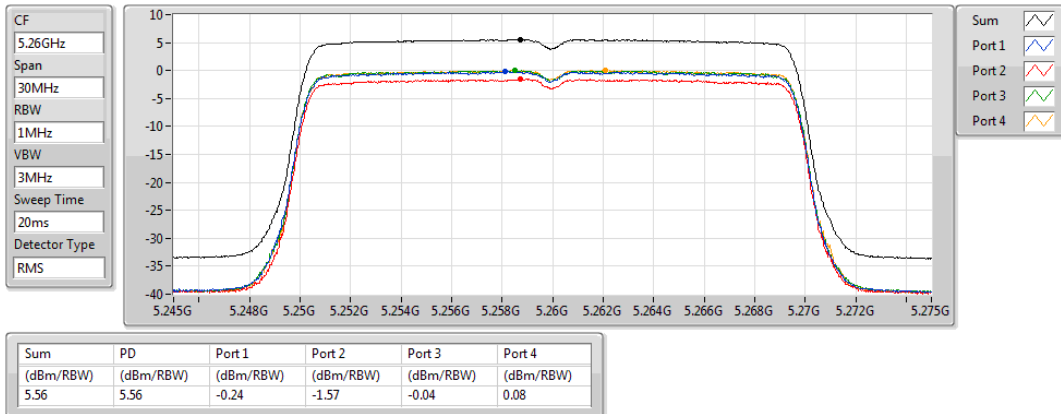


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5260MHz

28/10/2019

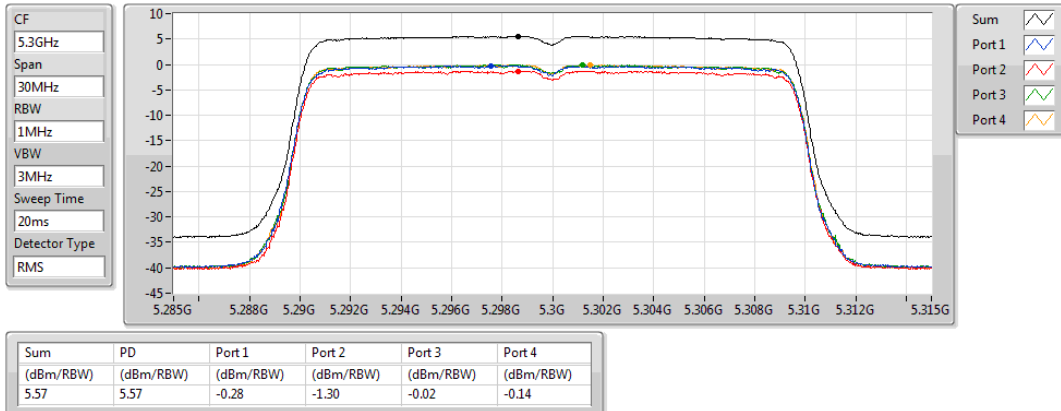


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5300MHz

28/10/2019

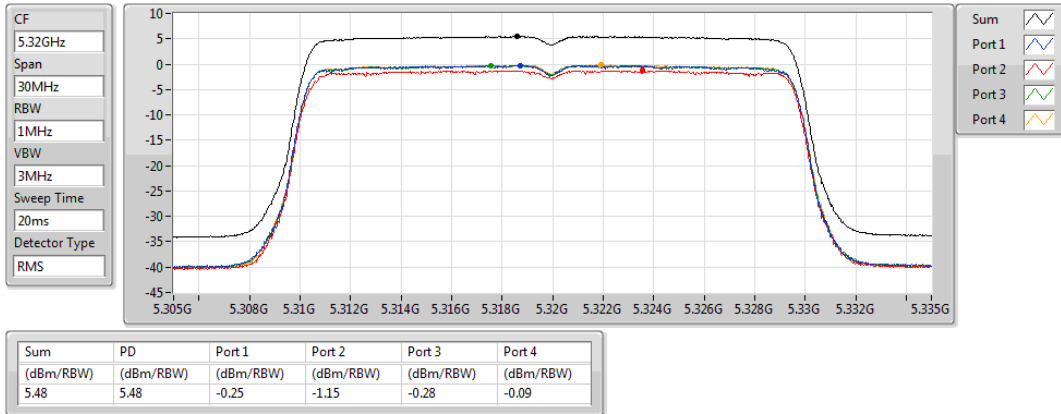


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5320MHz

28/10/2019

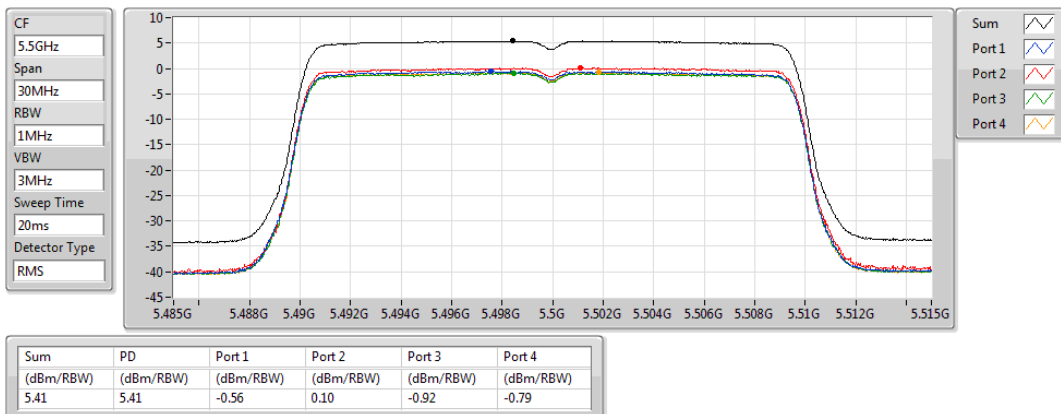


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5500MHz

28/10/2019

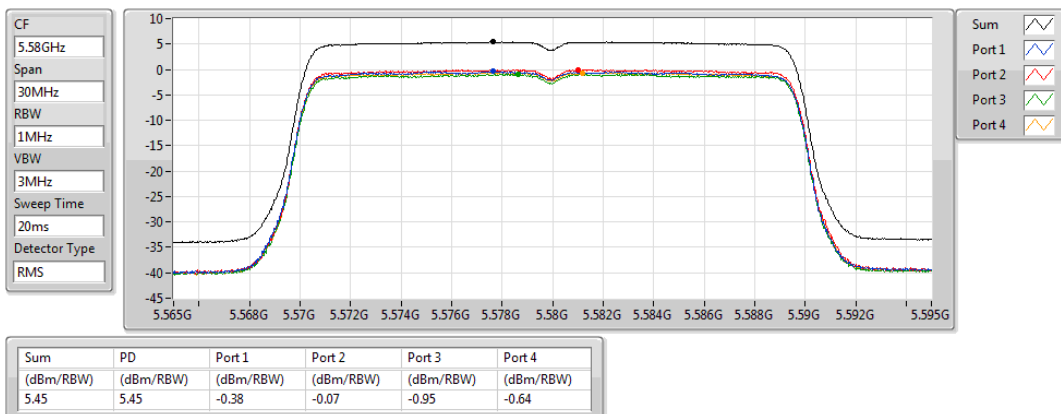


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5580MHz

28/10/2019

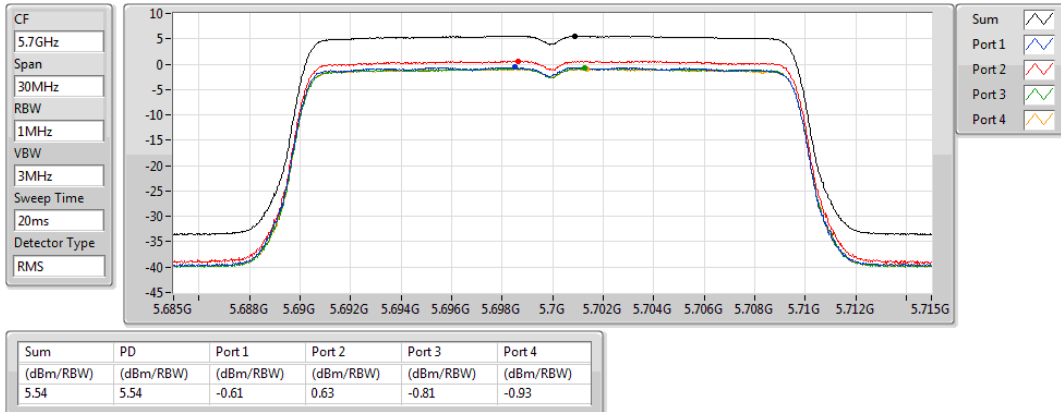


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5700MHz

28/10/2019

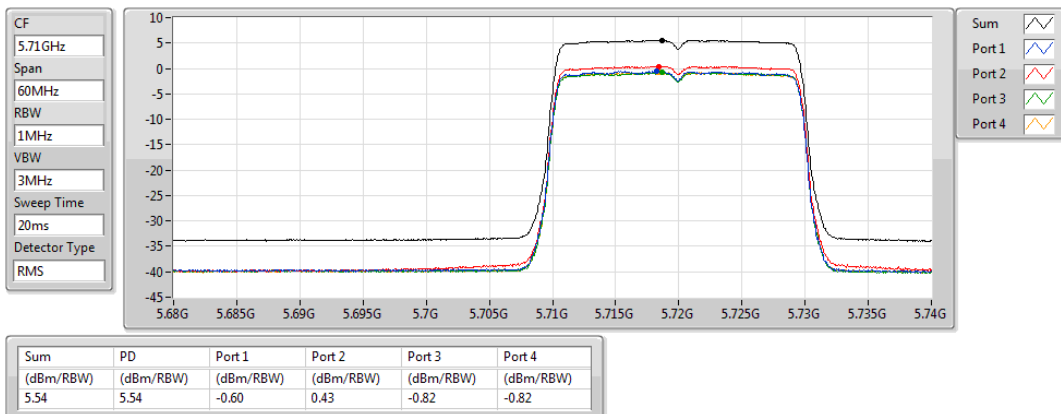


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

28/10/2019

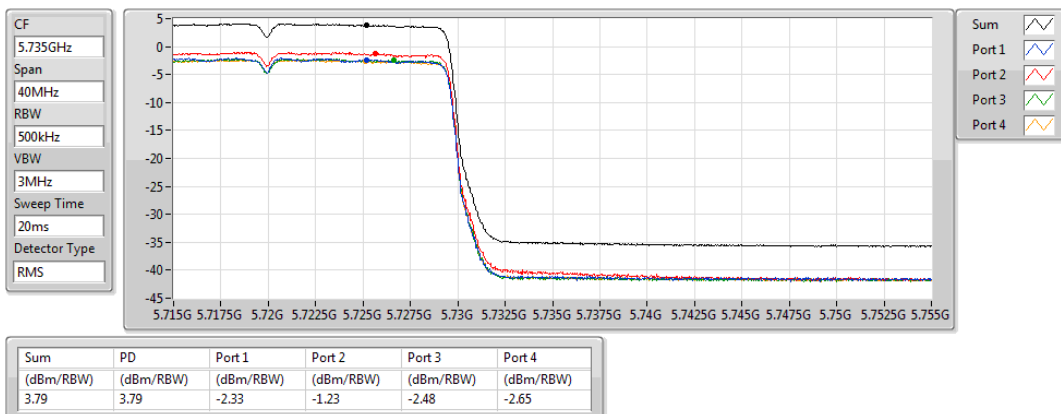


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

28/10/2019

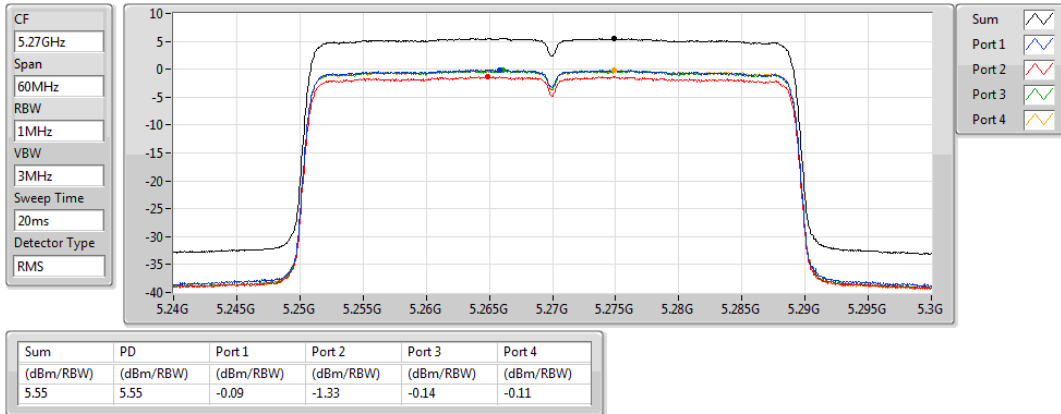


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5270MHz

28/10/2019

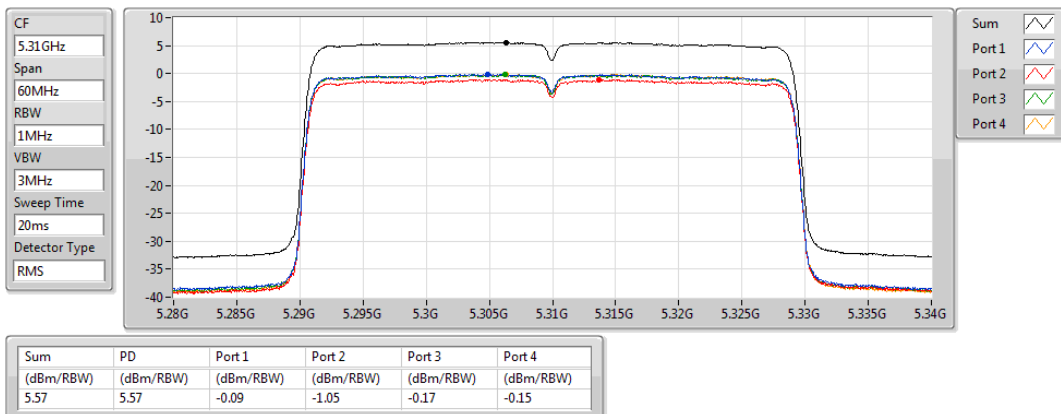


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5310MHz

28/10/2019

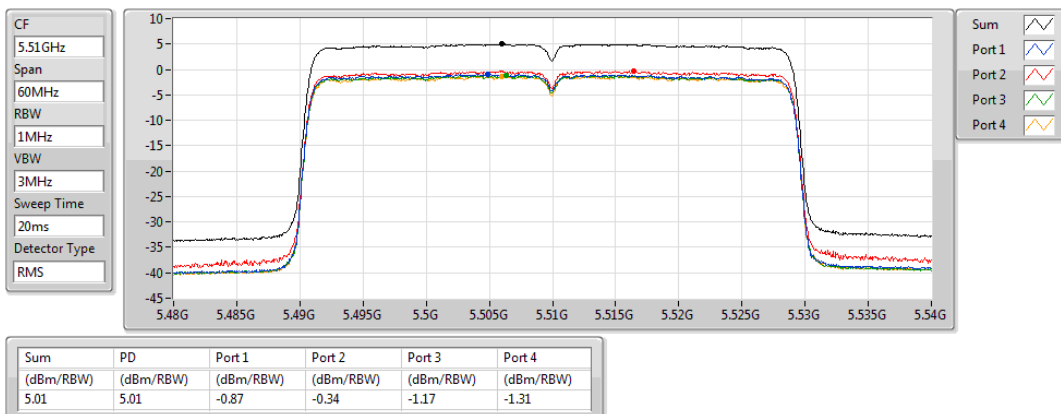


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5510MHz

28/10/2019



802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5550MHz

28/10/2019

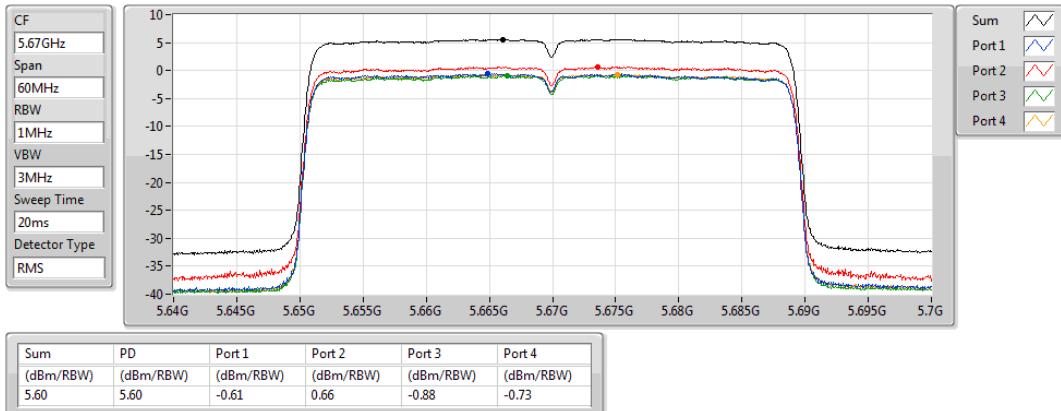


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5670MHz

28/10/2019

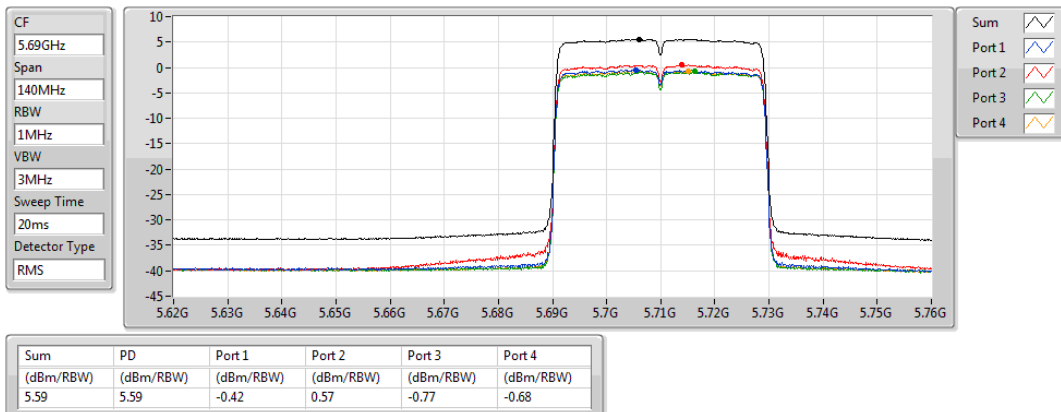


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

28/10/2019

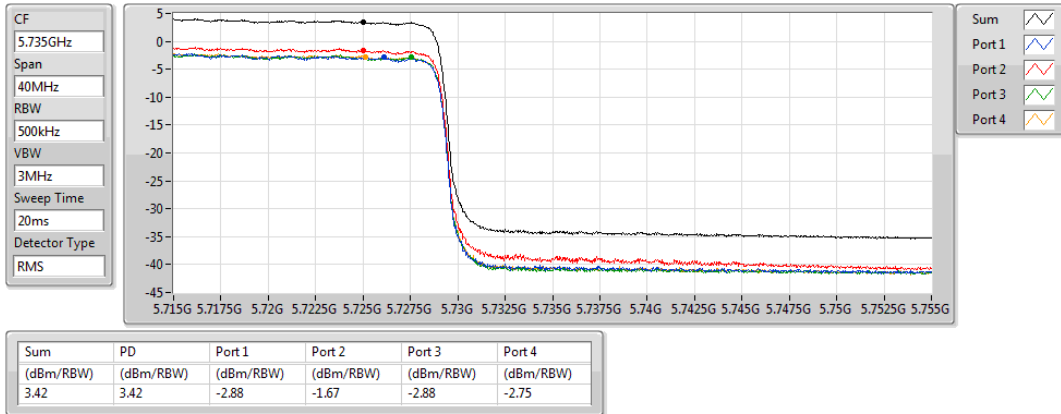


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

28/10/2019

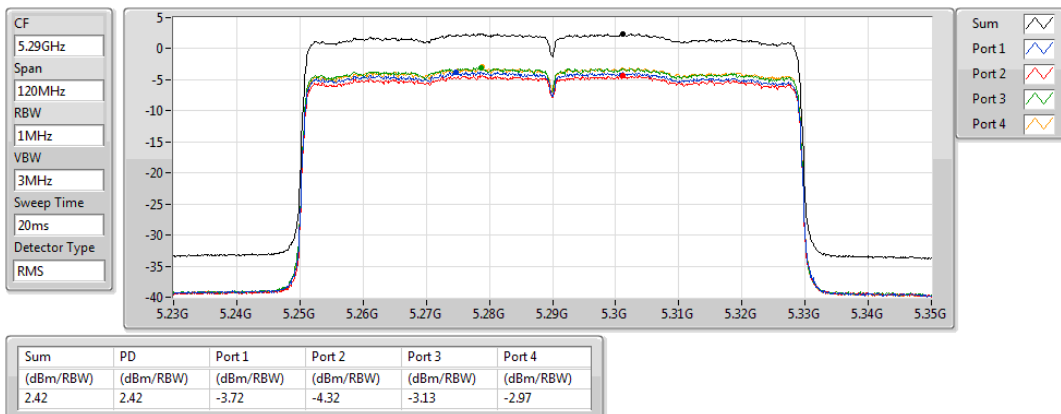


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5290MHz

28/10/2019

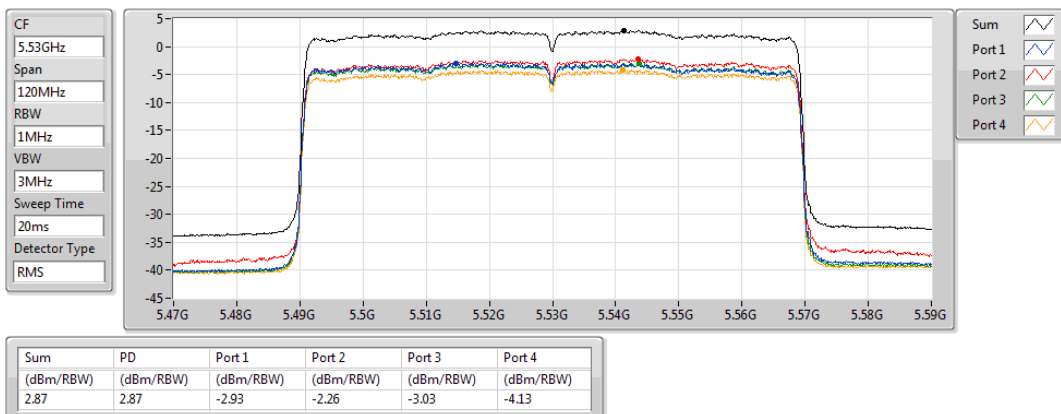


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5530MHz

28/10/2019

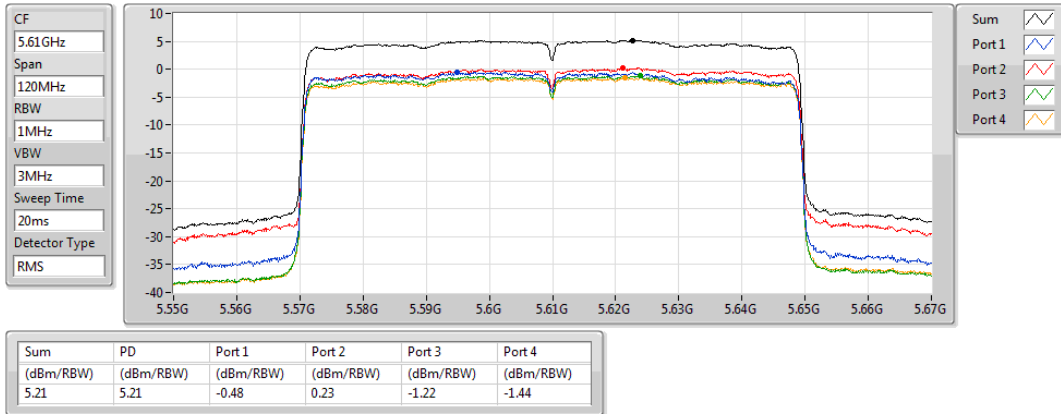


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5610MHz

28/10/2019

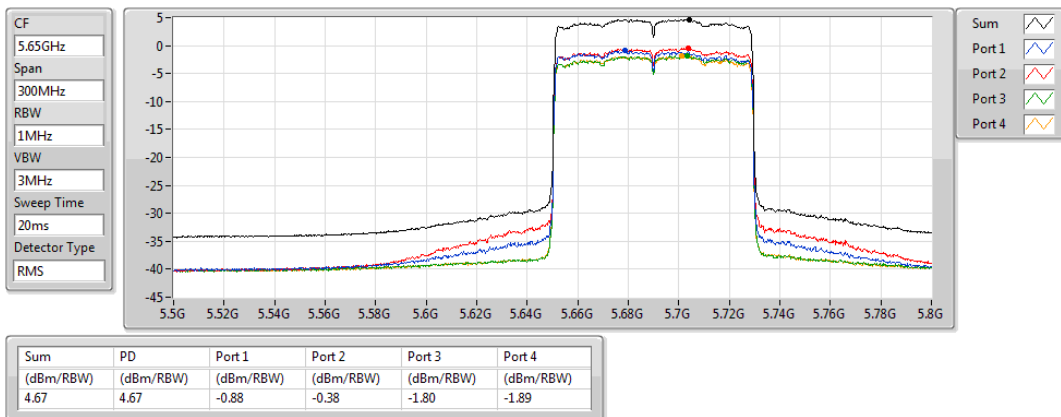


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

28/10/2019

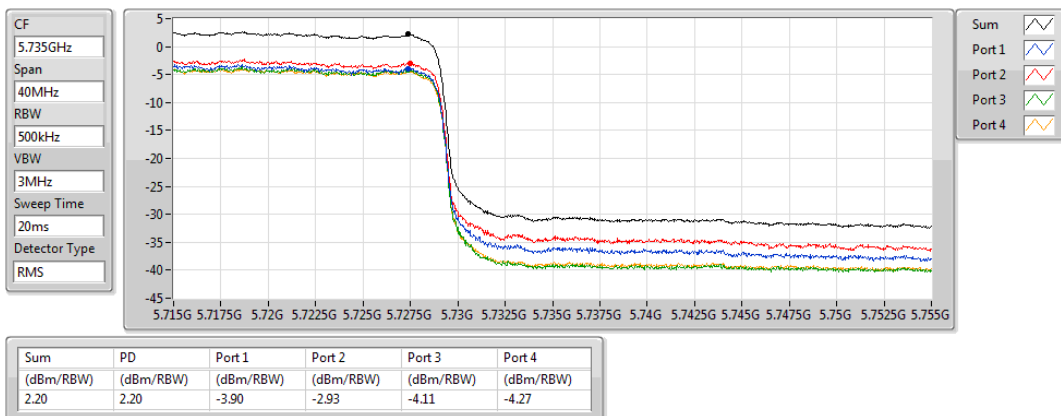


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

28/10/2019

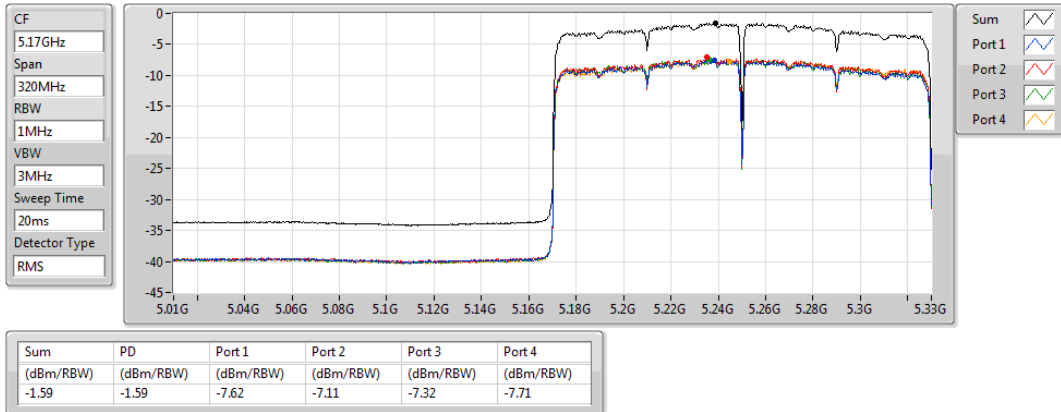


802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

28/10/2019

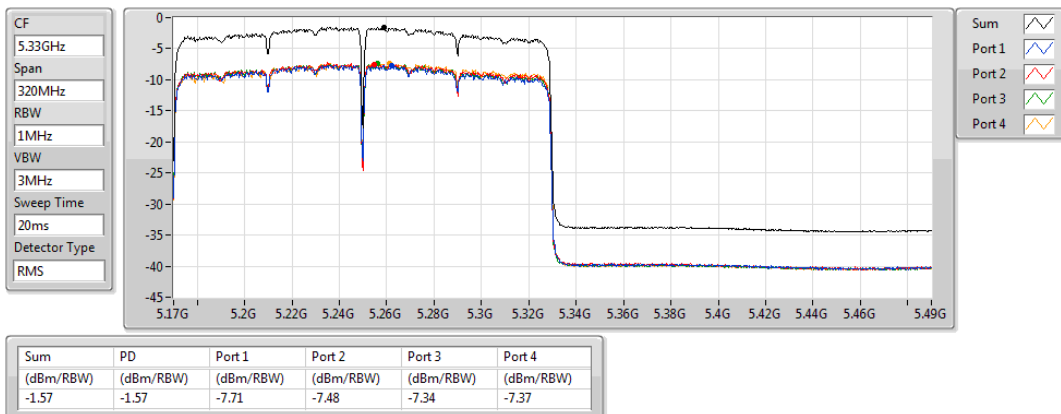


802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

28/10/2019

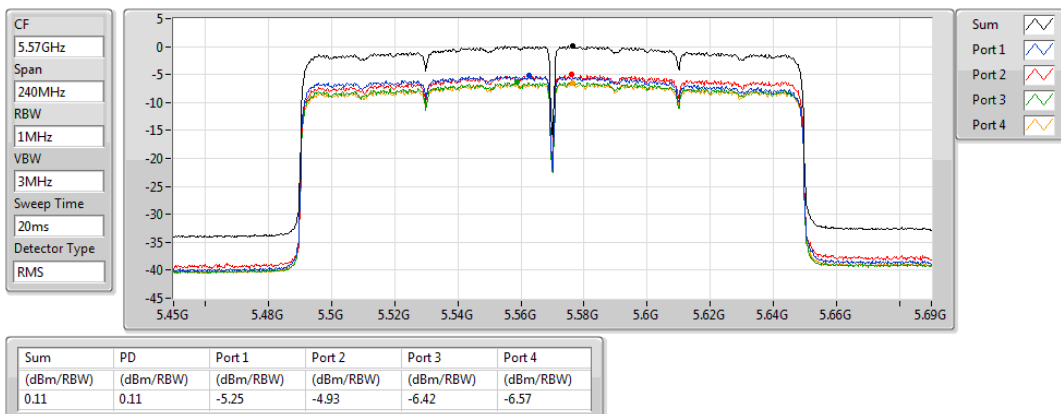


802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5570MHz

28/10/2019



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-0.54
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-0.55
5.25-5.35GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	5.48
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	2.51
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-0.42
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-0.63
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	5.13
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	2.35
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-0.36
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-0.39
5.47-5.725GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	5.57
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	2.58
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-0.28
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-2.98
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	5.14
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	2.40
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-0.40
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-2.87
5.725-5.85GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	3.53
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	0.46
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-3.28
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	3.09
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	0.44
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-3.03

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	11.38	-0.88	-1.94	-0.06	0.40	5.35	5.62
5300MHz	Pass	11.38	-0.67	-1.75	0.06	0.40	5.48	5.62
5320MHz	Pass	11.38	-0.89	-1.69	0.01	0.41	5.46	5.62
5500MHz	Pass	11.38	-1.59	1.05	-0.83	-0.50	5.57	5.62
5580MHz	Pass	11.38	-1.59	0.95	-0.99	-0.58	5.50	5.62
5700MHz	Pass	11.38	-1.61	0.82	-1.04	-0.83	5.34	5.62
5720MHz Straddle 5.47-5.725GHz	Pass	11.38	-1.55	0.65	-1.15	-0.82	5.34	5.62
5720MHz Straddle 5.725-5.85GHz	Pass	11.38	-3.19	-1.18	-2.73	-2.56	3.53	24.62
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	11.38	-3.37	-4.60	-3.08	-2.68	2.51	5.62
5310MHz	Pass	11.38	-3.55	-4.68	-3.30	-2.75	2.38	5.62
5510MHz	Pass	11.38	-4.15	-3.08	-3.24	-3.07	2.58	5.62
5550MHz	Pass	11.38	-4.19	-3.33	-3.68	-3.20	2.30	5.62
5670MHz	Pass	11.38	-4.60	-2.15	-4.09	-3.42	2.44	5.62
5710MHz Straddle 5.47-5.725GHz	Pass	11.38	-4.42	-2.35	-4.07	-3.42	2.41	5.62
5710MHz Straddle 5.725-5.85GHz	Pass	11.38	-6.46	-4.28	-6.02	-5.26	0.46	24.62
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	11.38	-6.96	-7.60	-5.72	-5.26	-0.42	5.62
5530MHz	Pass	11.38	-6.99	-6.06	-6.07	-6.01	-0.28	5.62
5610MHz	Pass	11.38	-6.80	-4.87	-7.25	-6.78	-0.47	5.62
5690MHz Straddle 5.47-5.725GHz	Pass	11.38	-6.53	-5.25	-6.87	-6.57	-0.38	5.62
5690MHz Straddle 5.725-5.85GHz	Pass	11.38	-9.72	-8.17	-9.63	-9.29	-3.28	24.62
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	11.38	-6.96	-7.70	-6.06	-5.43	-0.54	11.62
5250MHz Straddle 5.25-5.35GHz	Pass	11.38	-7.47	-7.64	-5.94	-5.35	-0.63	5.62
5570MHz	Pass	11.38	-9.21	-8.88	-8.36	-9.00	-2.98	5.62
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	11.38	-0.76	-2.38	-0.48	0.06	5.13	5.62
5300MHz	Pass	11.38	-1.09	-2.32	-1.16	0.11	4.92	5.62
5320MHz	Pass	11.38	-1.15	-2.13	-0.39	0.10	5.10	5.62
5500MHz	Pass	11.38	-2.01	0.64	-1.37	-1.01	5.09	5.62
5580MHz	Pass	11.38	-1.99	0.63	-1.33	-0.84	5.14	5.62
5700MHz	Pass	11.38	-1.89	-1.05	-1.61	-1.18	4.48	5.62
5720MHz Straddle 5.47-5.725GHz	Pass	11.38	-1.78	0.35	-1.42	-1.09	5.02	5.62
5720MHz Straddle 5.725-5.85GHz	Pass	11.38	-3.56	-1.41	-3.19	-3.66	3.09	24.62
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	11.38	-3.43	-5.03	-3.30	-2.80	2.35	5.62
5310MHz	Pass	11.38	-3.59	-4.87	-3.54	-2.88	2.29	5.62
5510MHz	Pass	11.38	-4.18	-3.34	-3.49	-3.14	2.40	5.62
5550MHz	Pass	11.38	-4.44	-3.54	-3.86	-3.24	2.13	5.62
5670MHz	Pass	11.38	-4.60	-2.40	-4.43	-3.63	2.27	5.62
5710MHz Straddle 5.47-5.725GHz	Pass	11.38	-4.47	-3.79	-4.23	-3.49	1.98	5.62
5710MHz Straddle 5.725-5.85GHz	Pass	11.38	-6.44	-4.37	-6.02	-5.41	0.44	24.62

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	11.38	-6.79	-7.77	-5.87	-5.07	-0.36	5.62
5530MHz	Pass	11.38	-6.90	-6.08	-6.07	-5.96	-0.40	5.62
5610MHz	Pass	11.38	-6.86	-4.83	-7.36	-6.75	-0.47	5.62
5690MHz Straddle 5.47-5.725GHz	Pass	11.38	-6.84	-5.41	-7.26	-6.69	-0.57	5.62
5690MHz Straddle 5.725-5.85GHz	Pass	11.38	-9.59	-7.88	-9.52	-9.11	-3.03	24.62
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	11.38	-6.80	-7.48	-6.09	-5.49	-0.55	11.62
5250MHz Straddle 5.25-5.35GHz	Pass	11.38	-6.70	-7.72	-6.06	-5.32	-0.39	5.62
5570MHz	Pass	11.38	-9.19	-8.70	-8.25	-8.94	-2.87	5.62

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

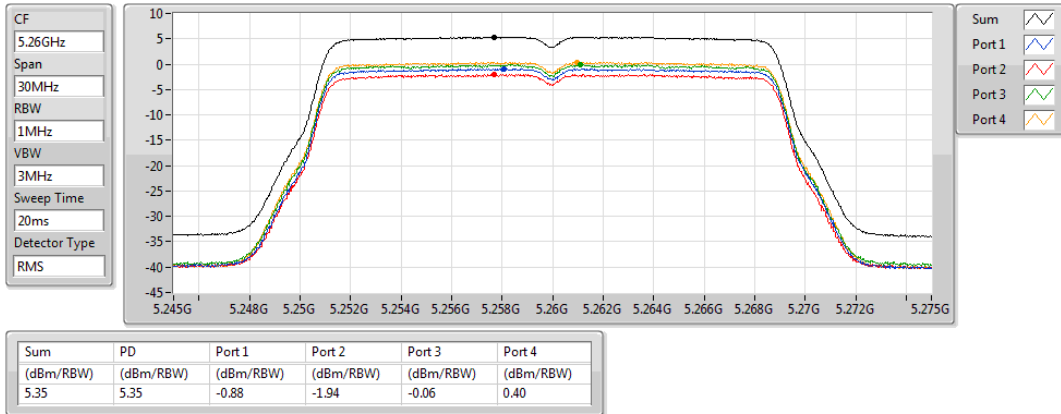
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5260MHz

01/11/2019

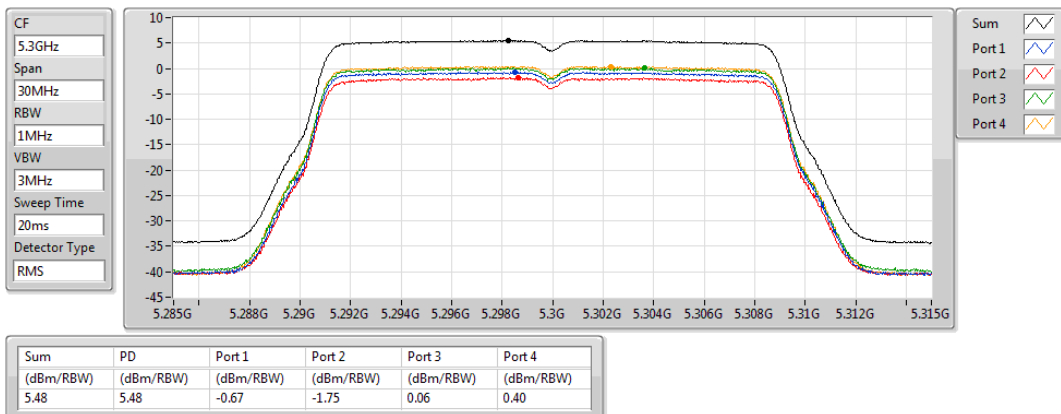


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5300MHz

01/11/2019

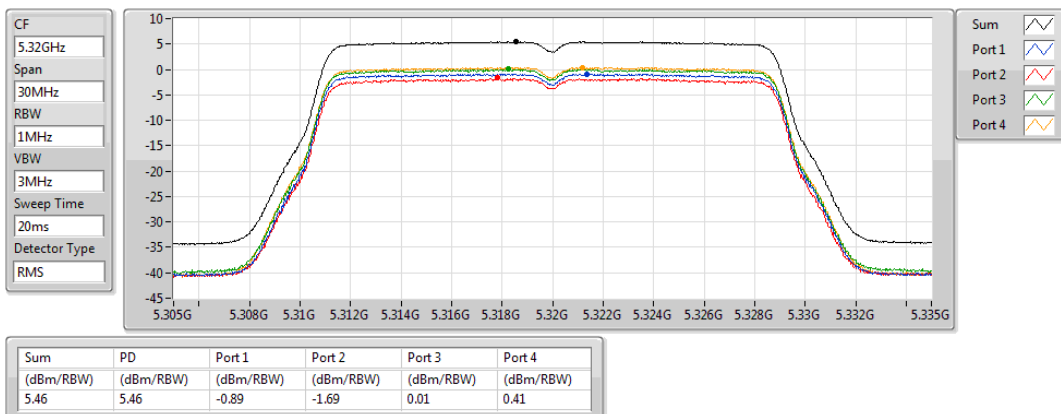


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5320MHz

01/11/2019

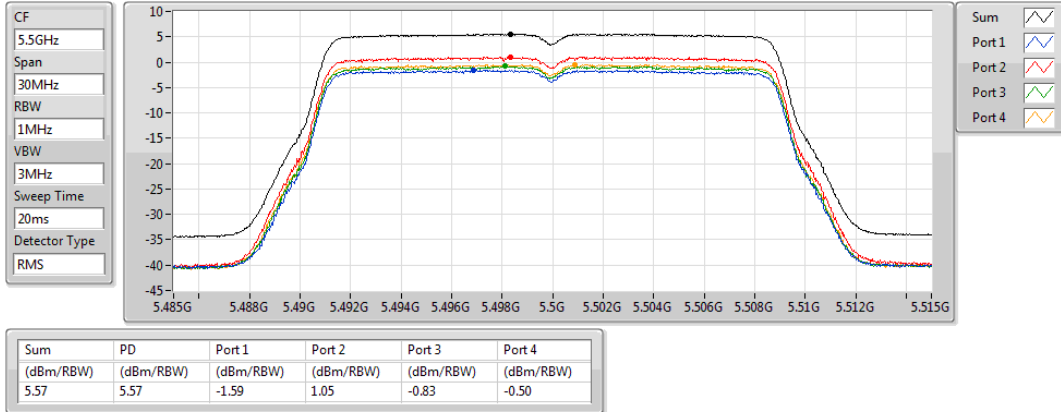


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5500MHz

01/11/2019

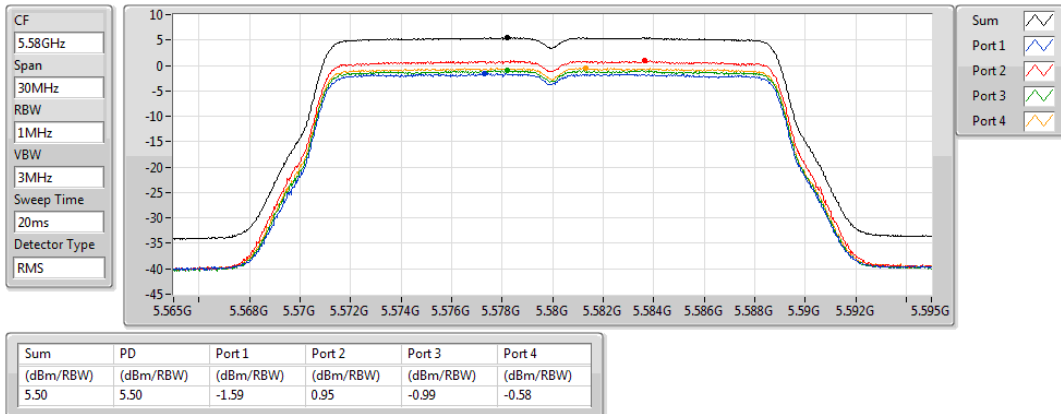


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5580MHz

01/11/2019

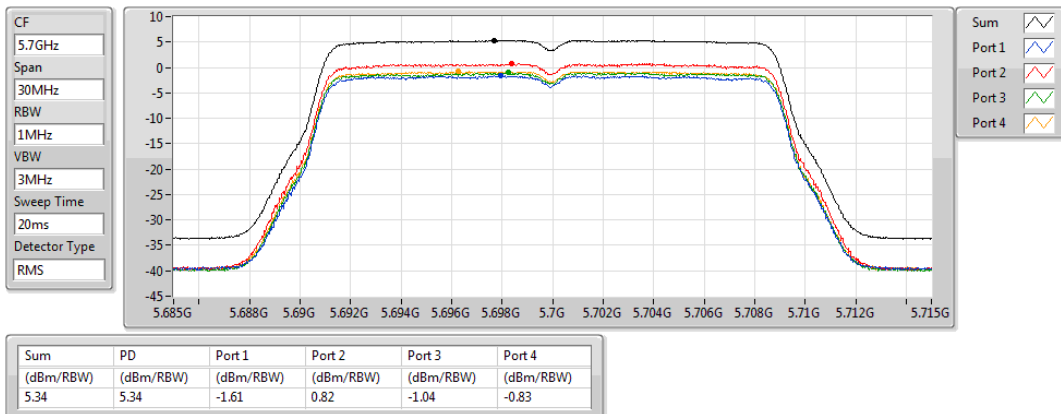


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5700MHz

01/11/2019

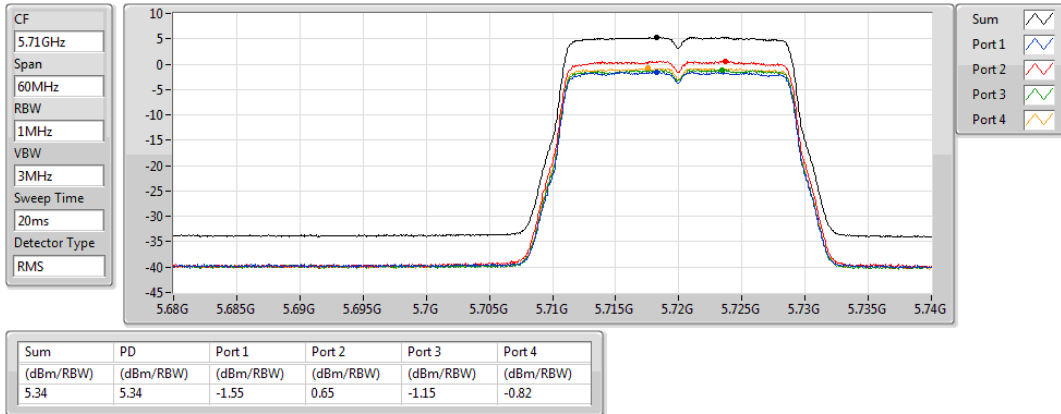


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz

PSD

01/11/2019

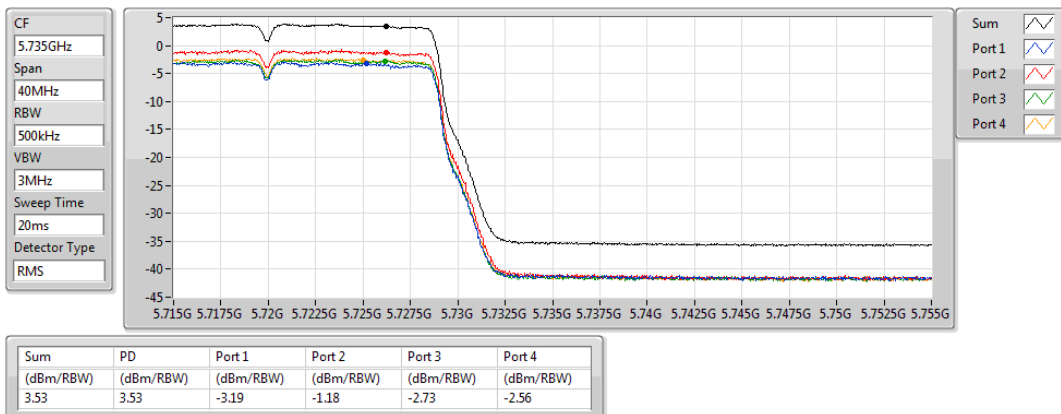


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

01/11/2019

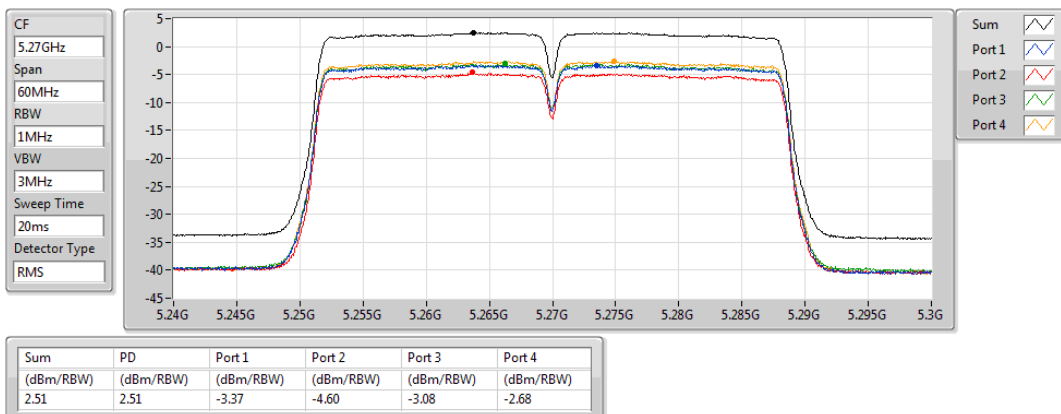


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5270MHz

PSD

01/11/2019

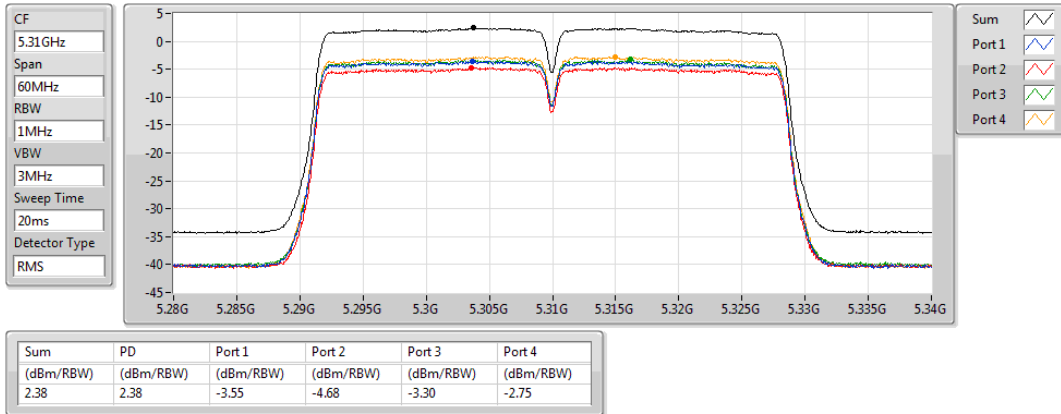


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5310MHz

01/11/2019

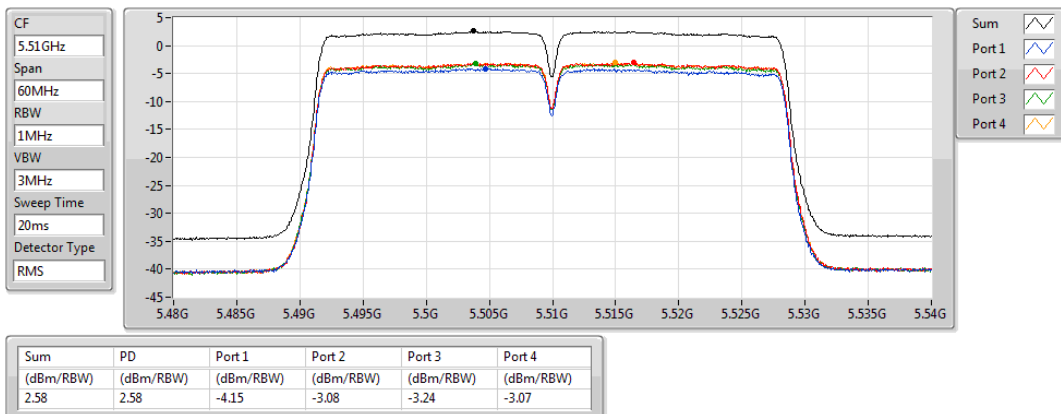


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5510MHz

01/11/2019

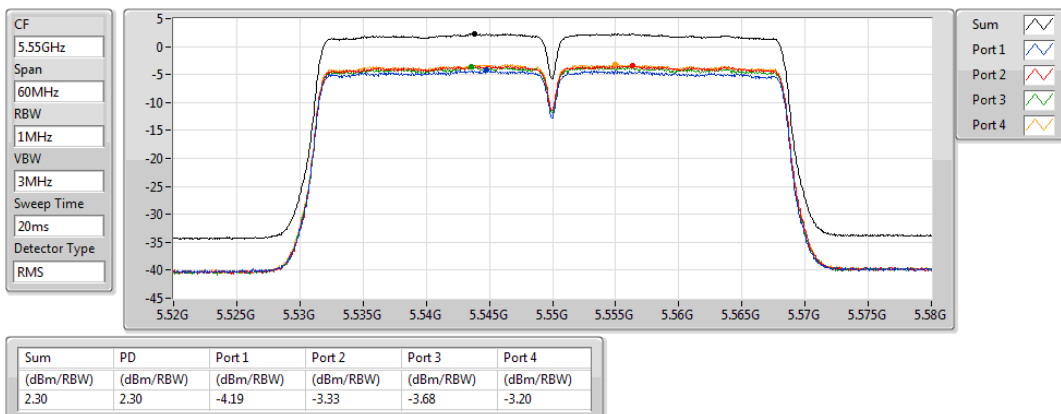


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5550MHz

01/11/2019

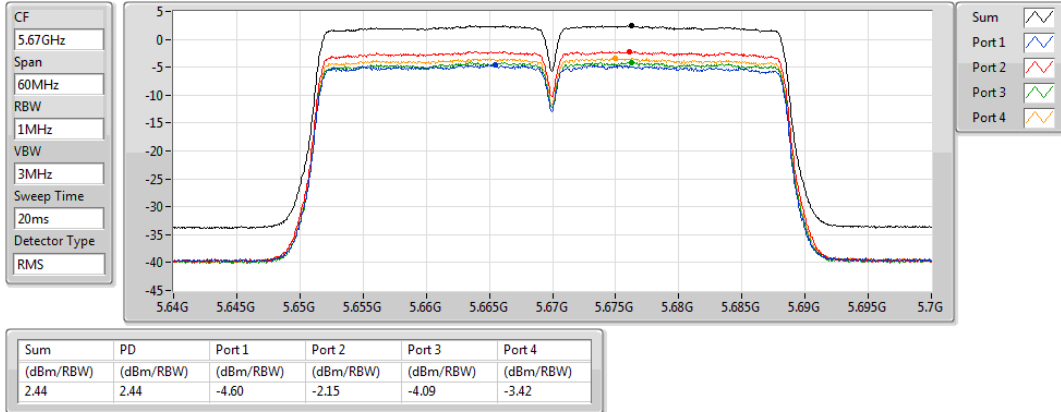


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5670MHz

01/11/2019

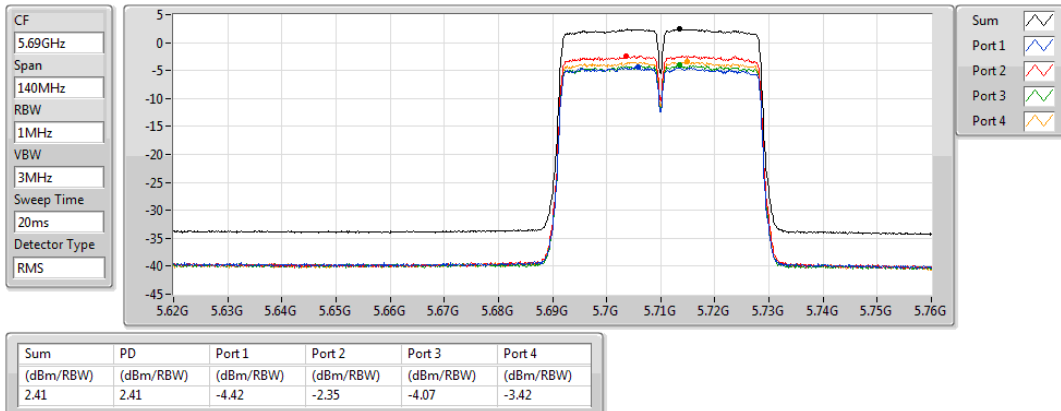


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

01/11/2019

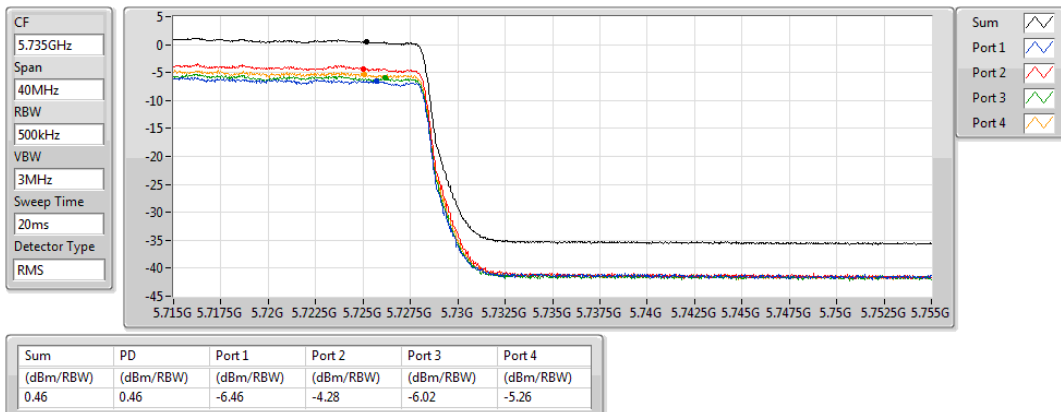


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

01/11/2019

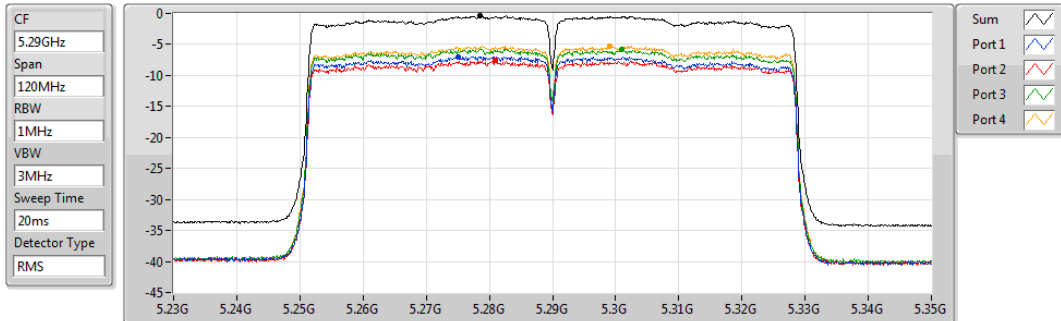


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz

01/11/2019



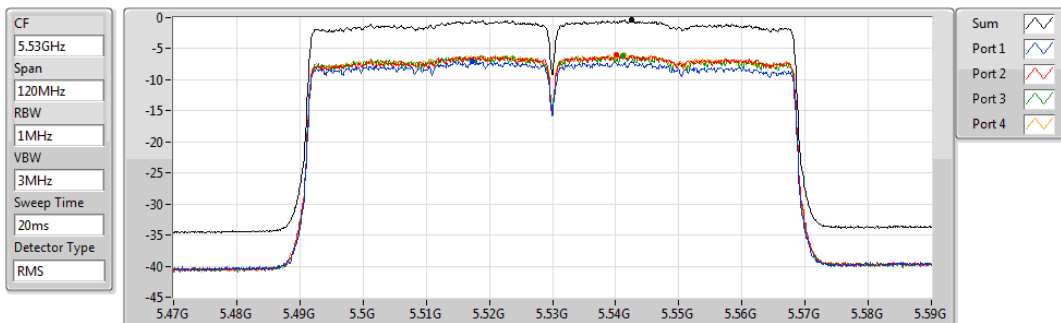
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.42	-0.42	-6.96	-7.60	-5.72	-5.26

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5530MHz

01/11/2019



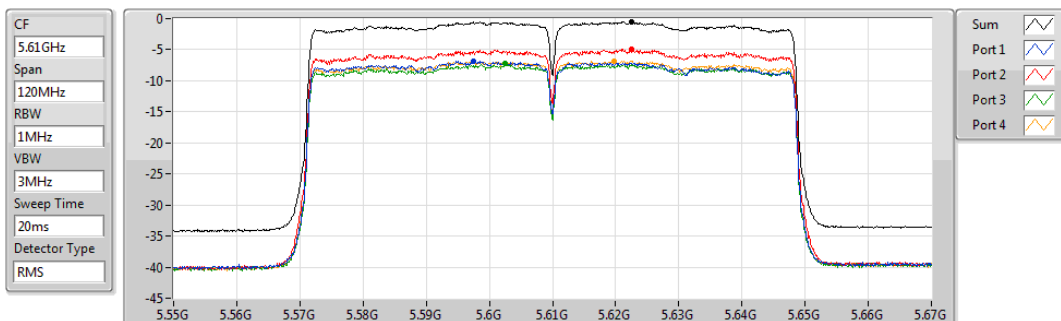
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.28	-0.28	-6.99	-6.06	-6.07	-6.01

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5610MHz

01/11/2019



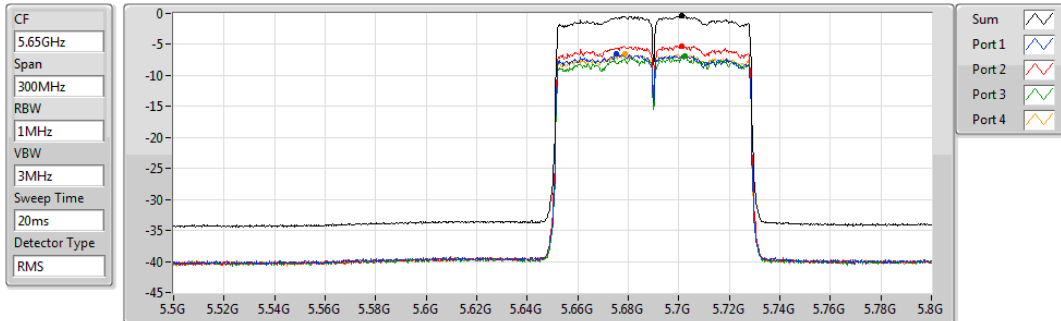
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.47	-0.47	-6.80	-4.87	-7.25	-6.78

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

01/11/2019



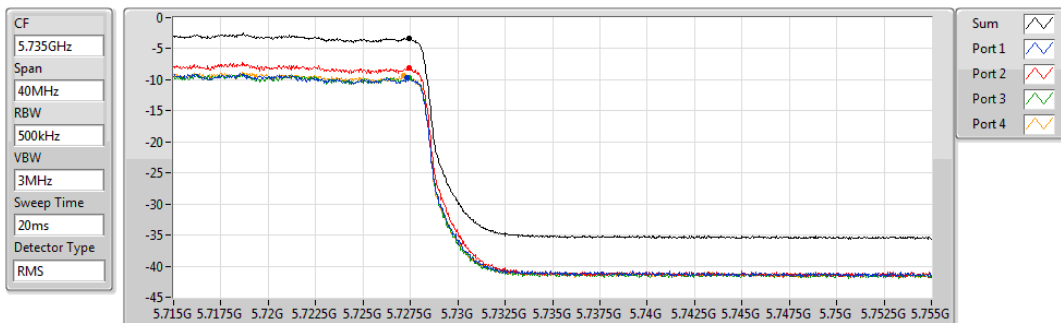
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.38	-0.38	-6.53	-5.25	-6.87	-6.57

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

01/11/2019



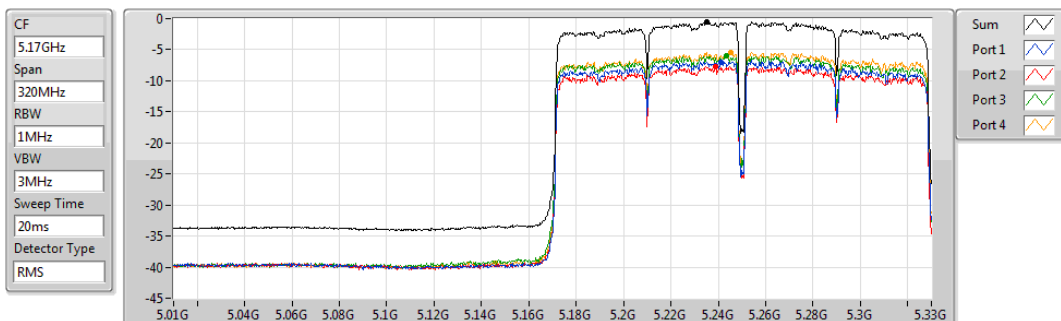
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.28	-3.28	-9.72	-8.17	-9.63	-9.29

802.11ac VHT160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

01/11/2019



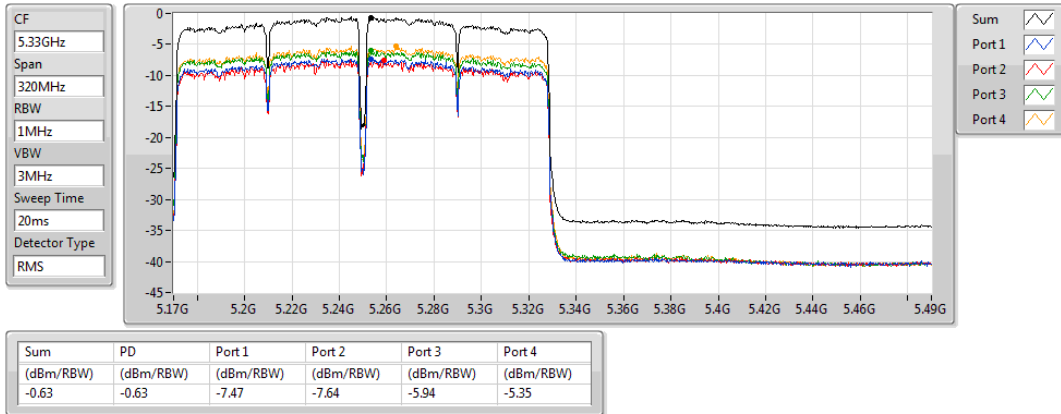
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.54	-0.54	-6.96	-7.70	-6.06	-5.43

802.11ac VHT160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

01/11/2019

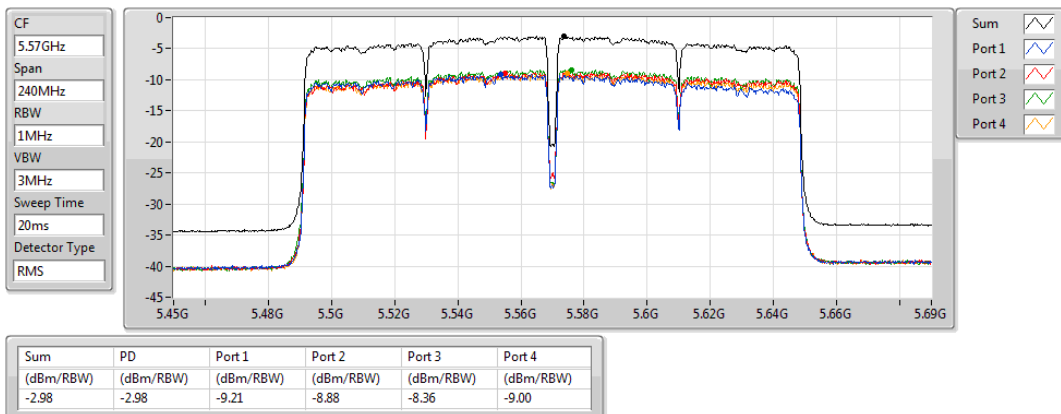


802.11ac VHT160-BF_Nss1,(MCS0)_4TX

PSD

5570MHz

01/11/2019

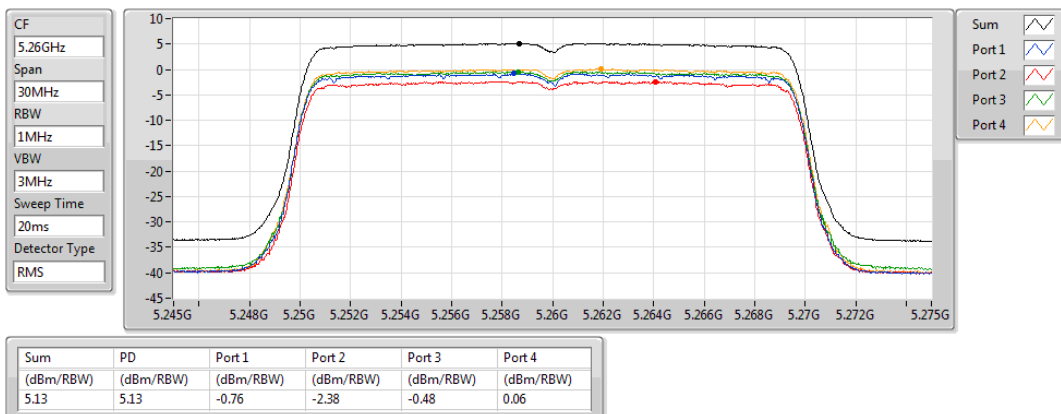


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5260MHz

01/11/2019

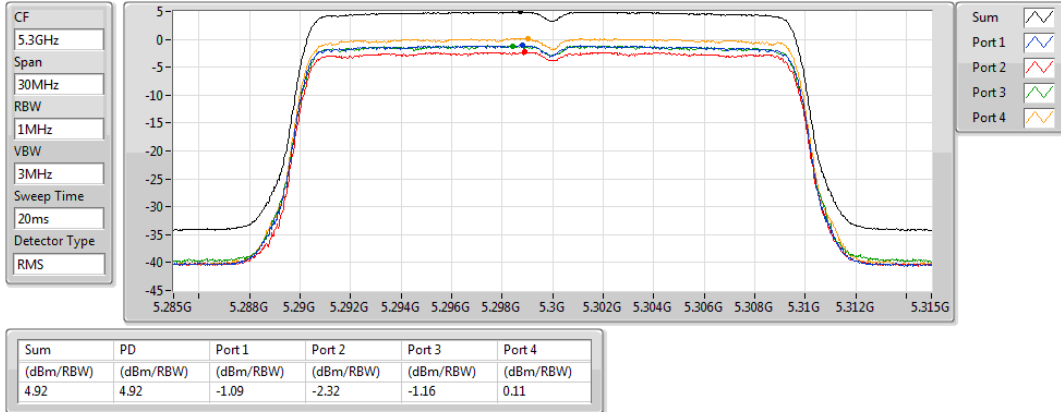


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5300MHz

01/11/2019

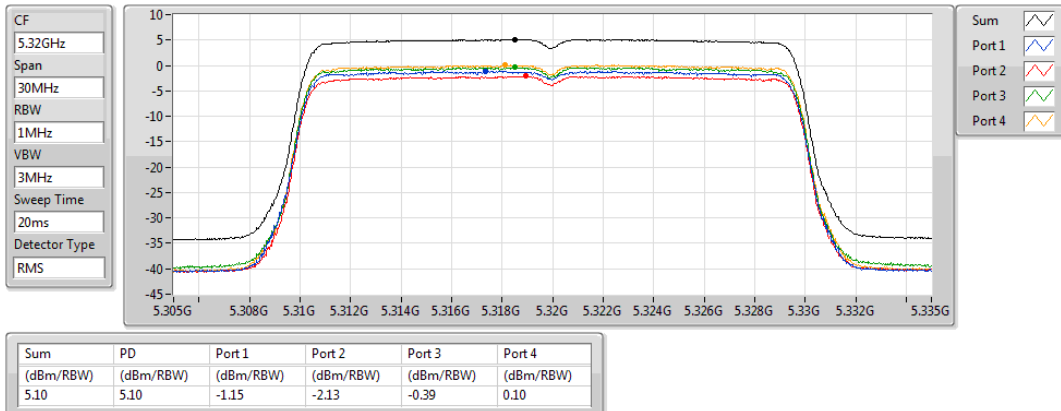


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5320MHz

01/11/2019

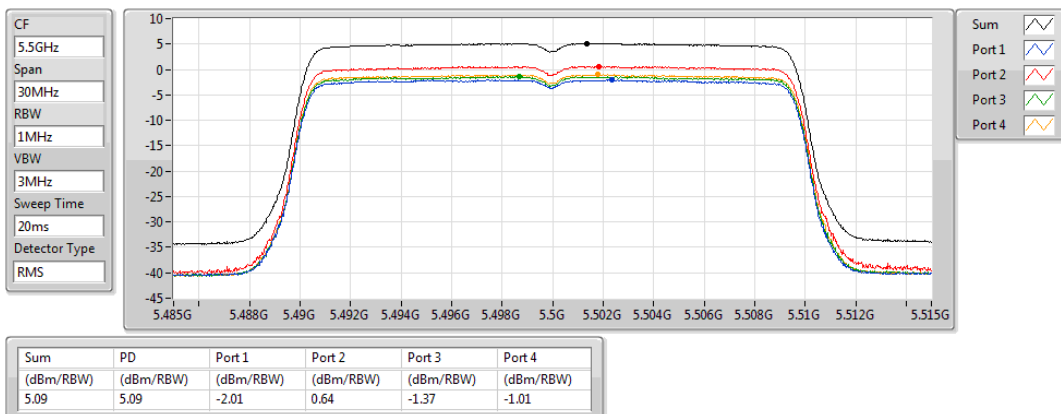


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5500MHz

01/11/2019

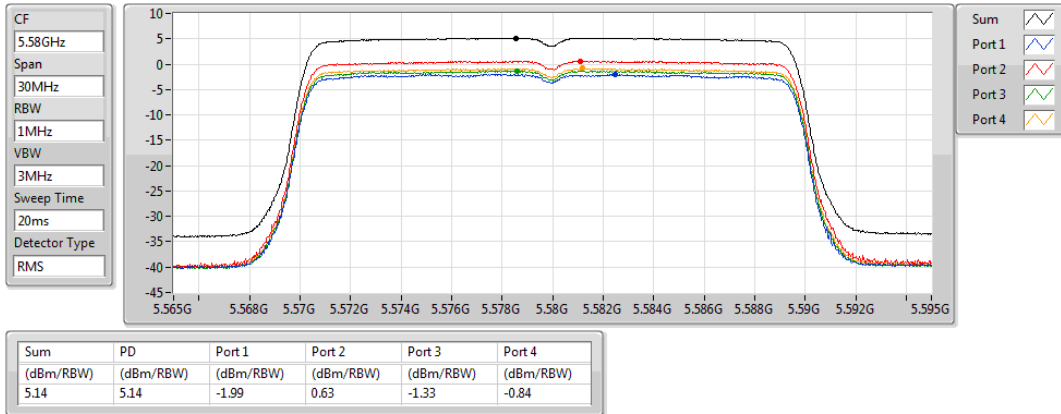


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5580MHz

01/11/2019

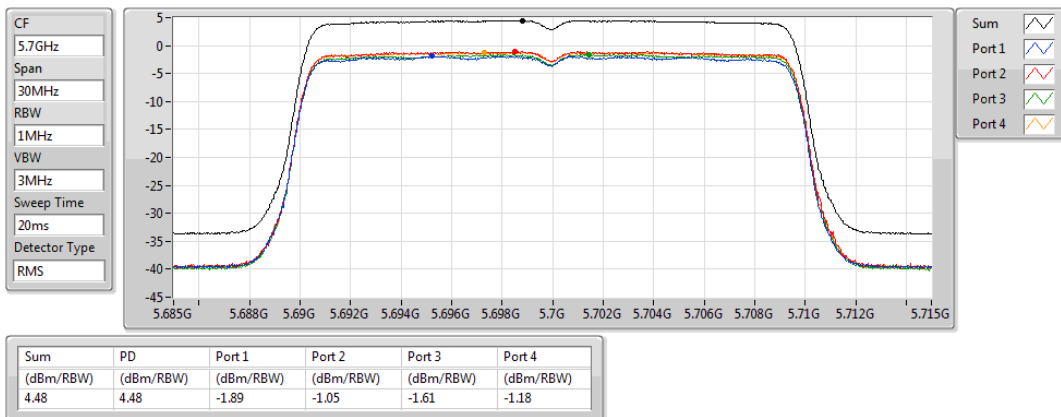


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5700MHz

01/11/2019

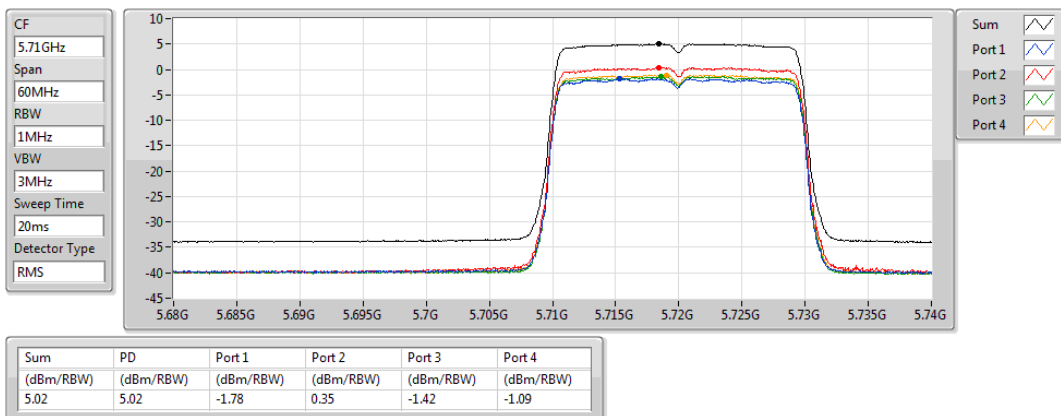


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

01/11/2019

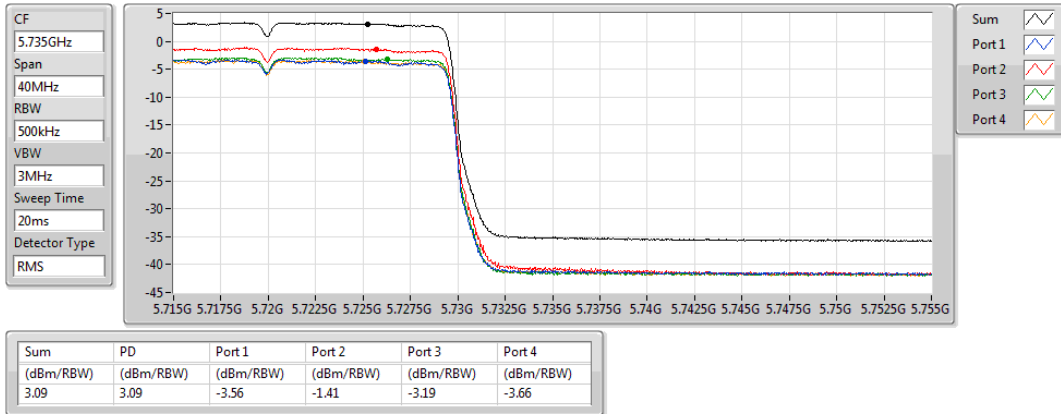


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

01/11/2019

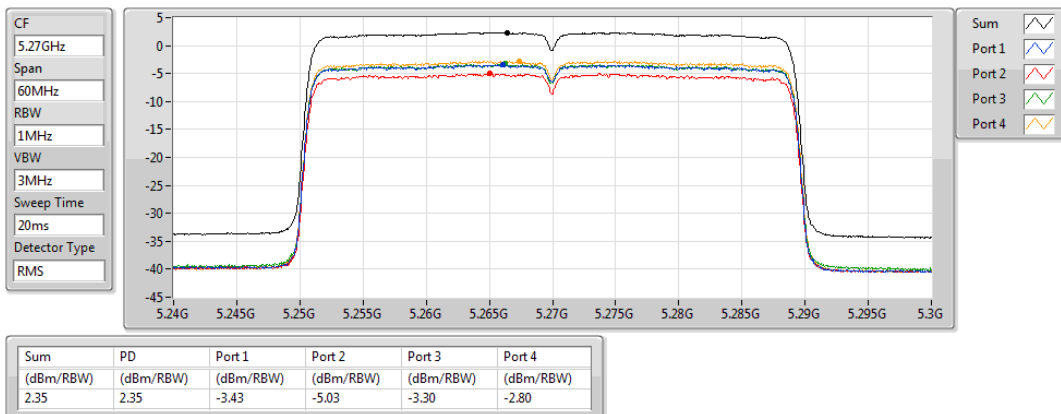


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5270MHz

01/11/2019

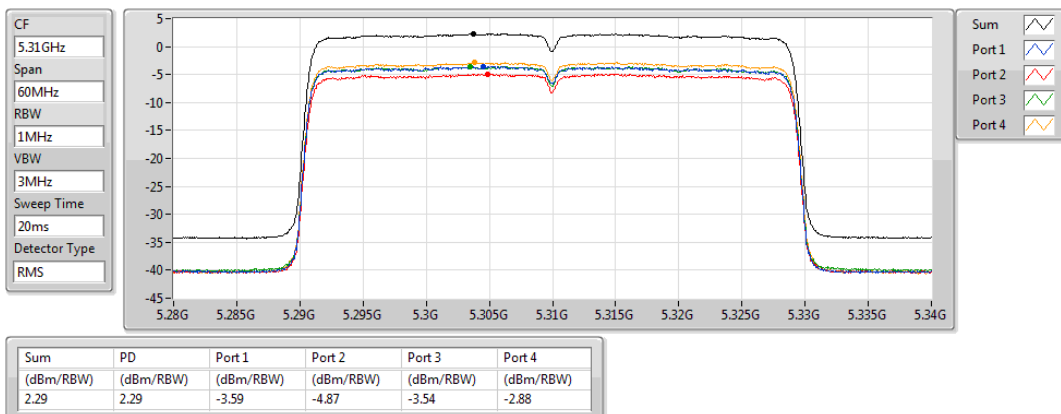


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5310MHz

01/11/2019

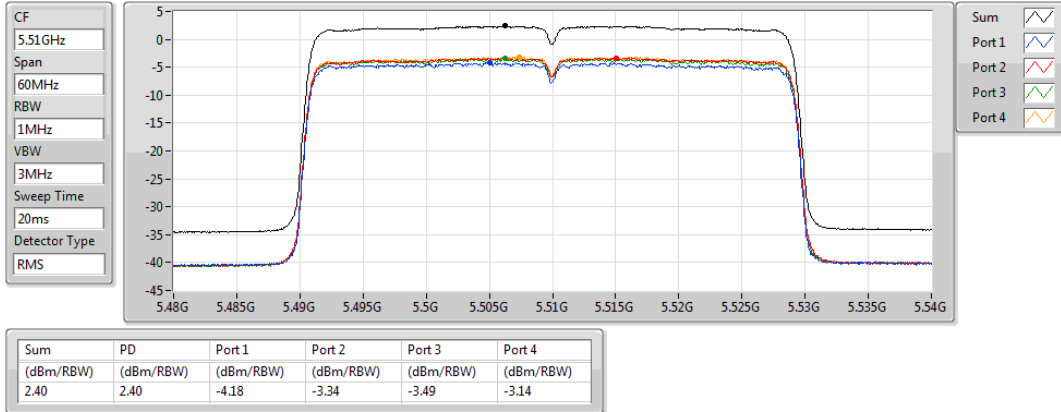


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5510MHz

01/11/2019

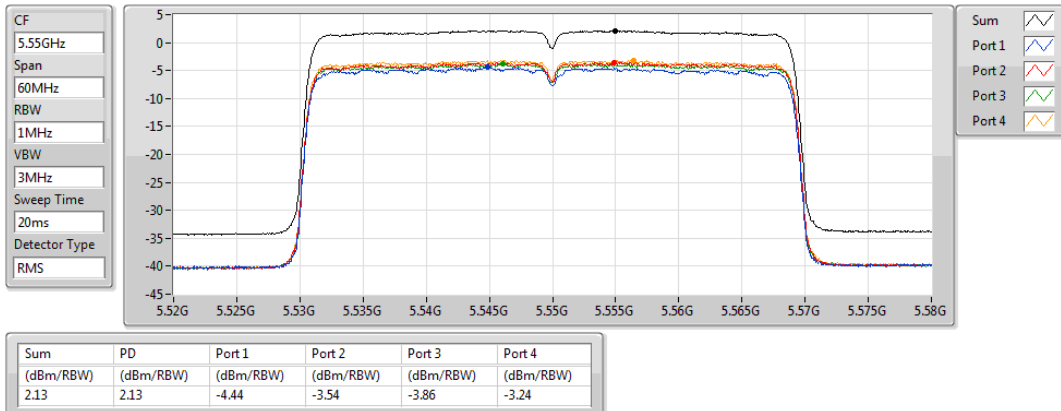


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5550MHz

01/11/2019

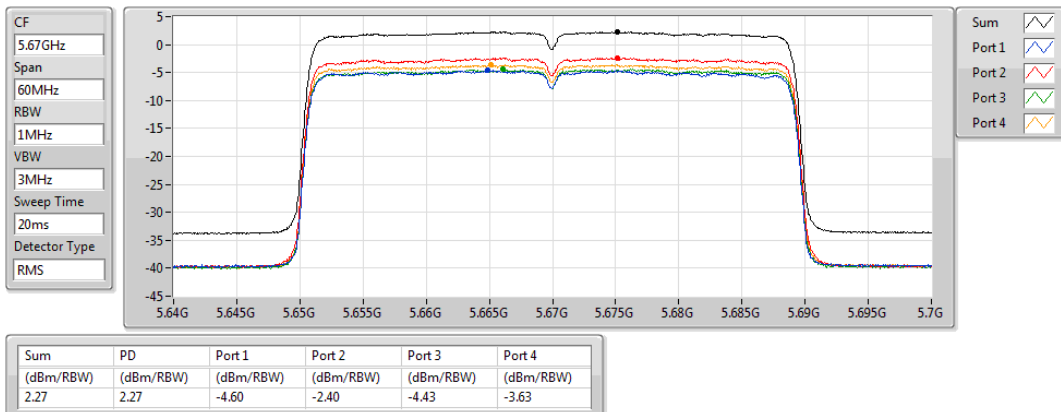


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5670MHz

01/11/2019

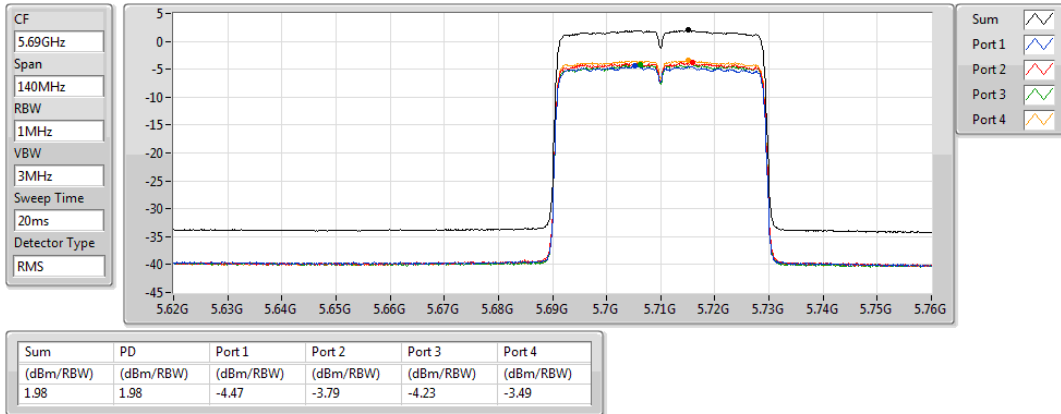


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

01/11/2019

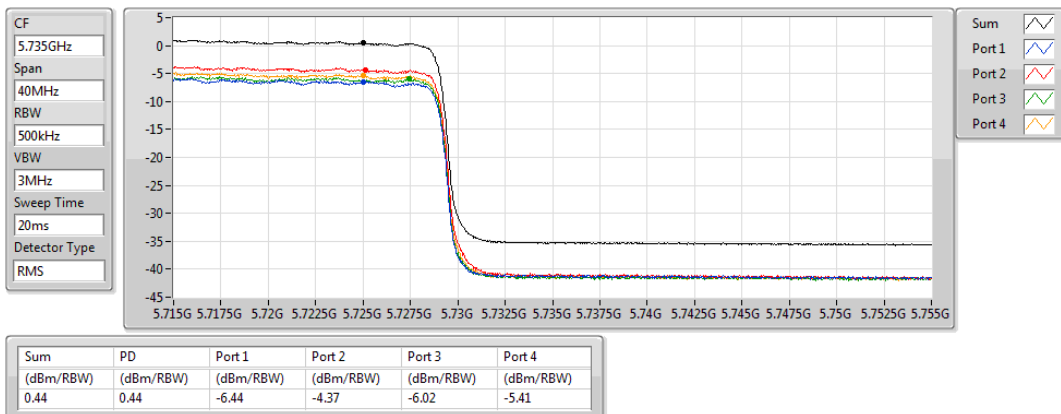


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

01/11/2019

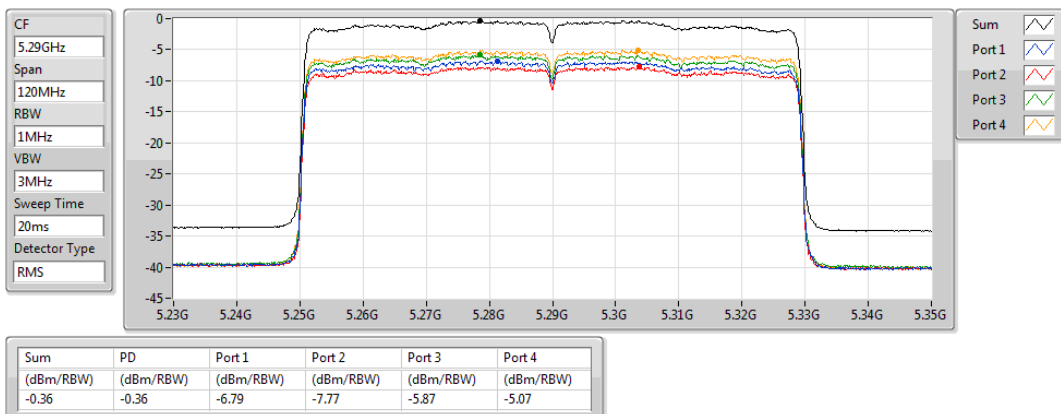


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz

01/11/2019

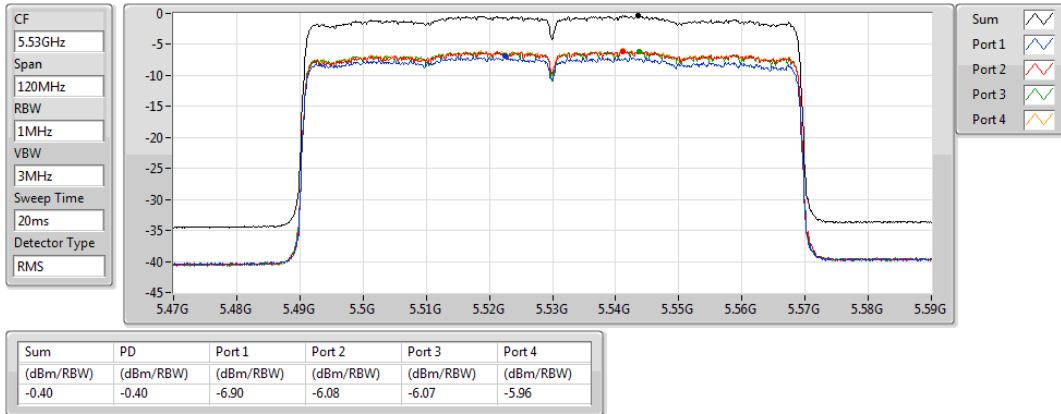


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5530MHz

01/11/2019

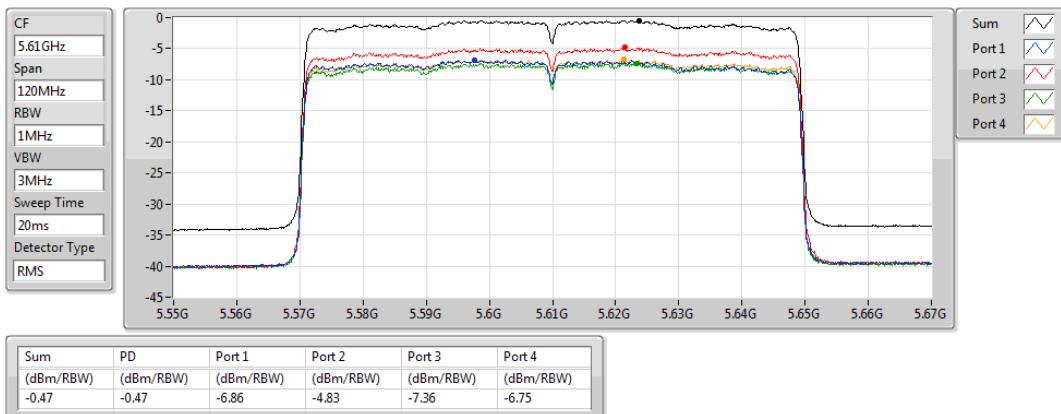


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5610MHz

01/11/2019

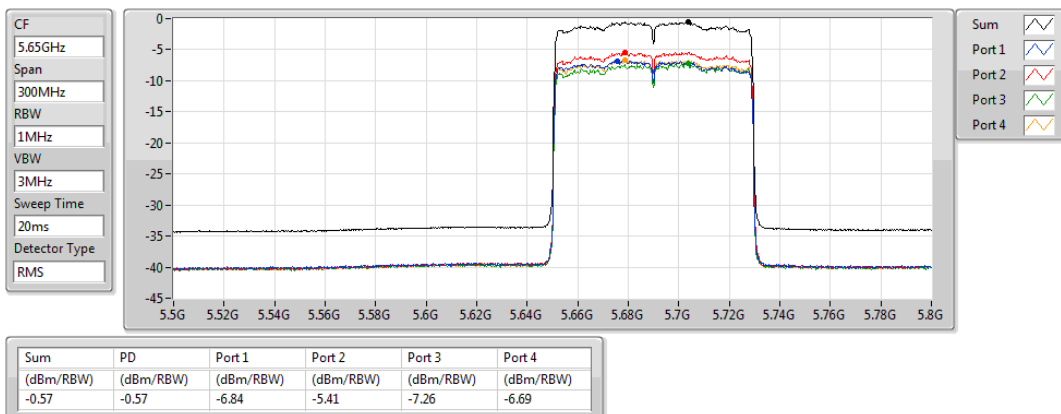


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

01/11/2019

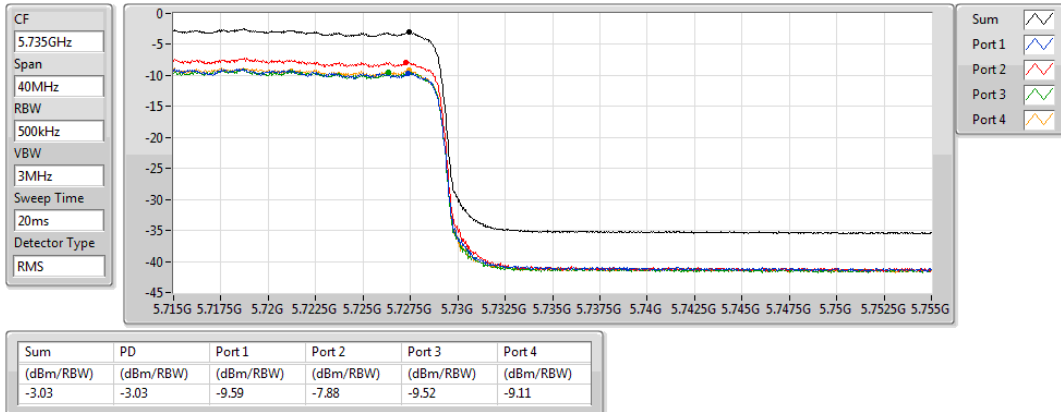


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

01/11/2019

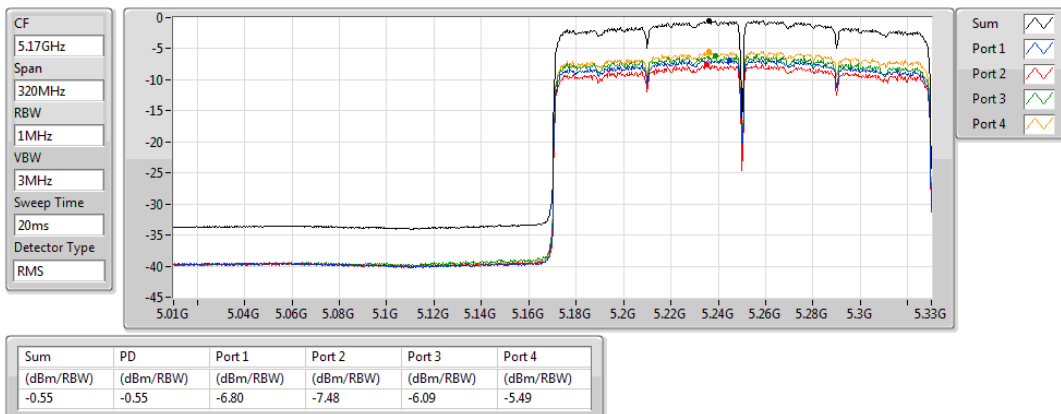


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

01/11/2019

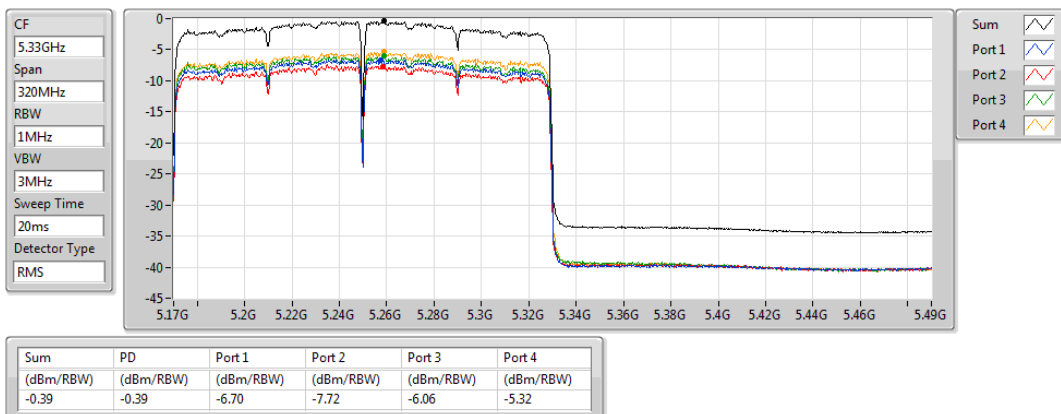


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

01/11/2019

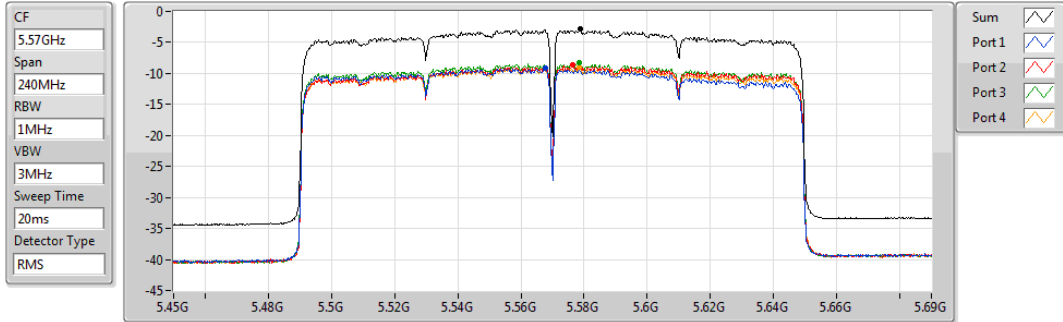


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5570MHz

01/11/2019



Sum	PD	Port1	Port2	Port3	Port4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.87	-2.87	-9.19	-8.70	-8.25	-8.94

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT160_Nss4,(MCS0)_4TX	-1.90
802.11ax HEW160_Nss4,(MCS0)_4TX	-1.82
5.25-5.35GHz	-
802.11ac VHT20_Nss4,(MCS0)_4TX	10.47
802.11ac VHT40_Nss4,(MCS0)_4TX	8.08
802.11ac VHT80_Nss4,(MCS0)_4TX	2.72
802.11ac VHT160_Nss4,(MCS0)_4TX	-1.92
802.11ax HEW20_Nss4,(MCS0)_4TX	10.87
802.11ax HEW40_Nss4,(MCS0)_4TX	8.16
802.11ax HEW80_Nss4,(MCS0)_4TX	2.92
802.11ax HEW160_Nss4,(MCS0)_4TX	-1.94
5.47-5.725GHz	-
802.11ac VHT20_Nss4,(MCS0)_4TX	10.88
802.11ac VHT40_Nss4,(MCS0)_4TX	8.15
802.11ac VHT80_Nss4,(MCS0)_4TX	5.20
802.11ac VHT160_Nss4,(MCS0)_4TX	-0.60
802.11ax HEW20_Nss4,(MCS0)_4TX	10.84
802.11ax HEW40_Nss4,(MCS0)_4TX	8.14
802.11ax HEW80_Nss4,(MCS0)_4TX	5.34
802.11ax HEW160_Nss4,(MCS0)_4TX	-1.02
5.725-5.85GHz	-
802.11ac VHT20_Nss4,(MCS0)_4TX	8.81
802.11ac VHT40_Nss4,(MCS0)_4TX	5.76
802.11ac VHT80_Nss4,(MCS0)_4TX	2.37
802.11ax HEW20_Nss4,(MCS0)_4TX	8.35
802.11ax HEW40_Nss4,(MCS0)_4TX	5.43
802.11ax HEW80_Nss4,(MCS0)_4TX	1.77

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.36	4.86	3.95	5.13	2.83	10.12	11.00
5300MHz	Pass	5.36	4.75	3.98	3.47	3.60	9.83	11.00
5320MHz	Pass	5.36	4.55	3.91	4.96	4.71	10.47	11.00
5500MHz	Pass	5.36	4.91	5.35	5.19	4.67	10.88	11.00
5580MHz	Pass	5.36	4.84	5.14	4.87	4.42	10.70	11.00
5700MHz	Pass	5.36	2.10	3.38	2.12	2.04	8.25	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.36	4.02	5.17	4.16	3.89	10.21	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.36	2.45	3.91	2.59	2.31	8.81	30.00
802.11ac VHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.36	2.15	1.65	2.58	2.56	8.08	11.00
5310MHz	Pass	5.36	0.06	-1.05	0.06	0.20	5.63	11.00
5510MHz	Pass	5.36	-1.59	-0.86	-1.81	-1.66	4.33	11.00
5550MHz	Pass	5.36	2.07	2.54	2.27	2.34	8.15	11.00
5670MHz	Pass	5.36	0.50	2.02	0.28	0.66	6.76	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.36	1.65	2.75	1.39	1.73	7.76	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.36	-0.77	0.74	-0.40	-0.31	5.76	30.00
802.11ac VHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.36	-3.47	-3.73	-2.40	-2.73	2.72	11.00
5530MHz	Pass	5.36	-2.76	-2.33	-2.96	-4.40	2.88	11.00
5610MHz	Pass	5.36	-0.52	0.32	-1.02	-1.18	5.20	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.36	-0.78	-0.22	-1.27	-1.51	4.90	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.36	-3.67	-2.51	-3.84	-4.06	2.37	30.00
802.11ac VHT160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.36	-7.48	-7.66	-7.91	-7.62	-1.90	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.36	-7.88	-7.69	-7.79	-7.62	-1.92	11.00
5570MHz	Pass	5.36	-5.77	-5.96	-7.21	-7.16	-0.60	11.00
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.36	5.02	4.10	5.26	5.17	10.87	11.00
5300MHz	Pass	5.36	4.92	4.04	5.21	5.06	10.75	11.00
5320MHz	Pass	5.36	4.92	4.32	5.16	5.06	10.76	11.00
5500MHz	Pass	5.36	4.73	5.24	5.06	4.64	10.84	11.00
5580MHz	Pass	5.36	4.77	5.21	4.82	4.60	10.73	11.00
5700MHz	Pass	5.36	2.09	3.47	2.09	2.18	8.38	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.36	4.17	5.44	4.20	4.05	10.42	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.36	2.09	3.36	2.08	1.97	8.35	30.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.36	2.33	1.69	2.68	2.48	8.16	11.00
5310MHz	Pass	5.36	-0.04	-0.85	-0.05	0.14	5.72	11.00
5510MHz	Pass	5.36	-1.49	-0.75	-1.91	-1.87	4.34	11.00
5550MHz	Pass	5.36	2.07	2.75	2.11	2.10	8.14	11.00
5670MHz	Pass	5.36	0.78	2.19	0.09	0.83	6.95	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.36	1.66	2.83	1.37	1.75	7.83	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.36	-1.01	0.47	-0.76	-0.71	5.43	30.00

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)
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.36	-3.33	-3.56	-2.60	-2.67	2.92	11.00
5530MHz	Pass	5.36	-2.72	-2.89	-2.91	-4.31	2.61	11.00
5610MHz	Pass	5.36	-0.35	0.30	-1.16	-0.98	5.34	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.36	-0.37	-0.33	-1.68	-1.67	4.85	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.36	-4.20	-3.32	-4.27	-4.80	1.77	30.00
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.36	-7.77	-7.77	-7.69	-7.59	-1.82	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.36	-8.11	-7.73	-7.92	-7.74	-1.94	11.00
5570MHz	Pass	5.36	-6.12	-6.47	-7.60	-7.37	-1.02	11.00

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

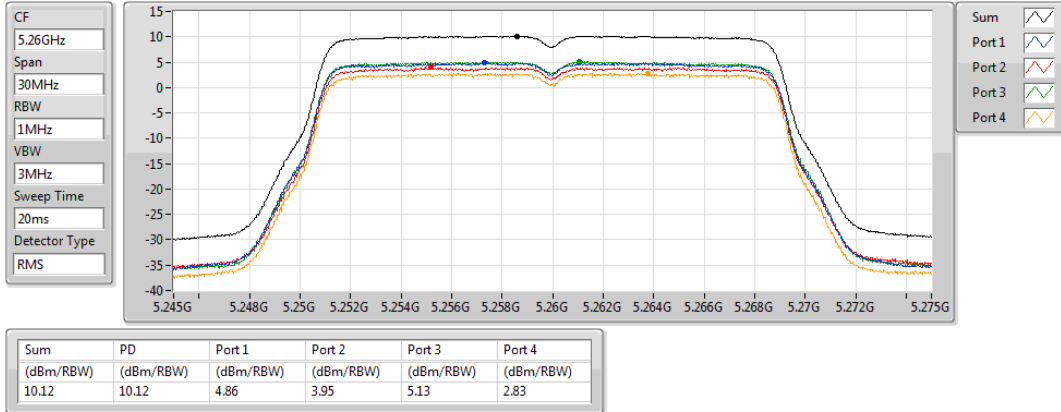
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20_Nss4,(MCS0)_4TX

PSD

5260MHz

29/10/2019

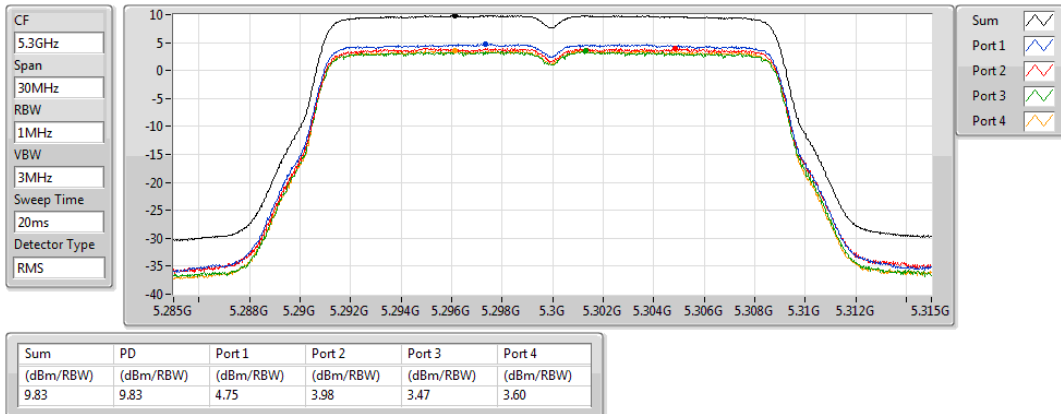


802.11ac VHT20_Nss4,(MCS0)_4TX

PSD

5300MHz

29/10/2019

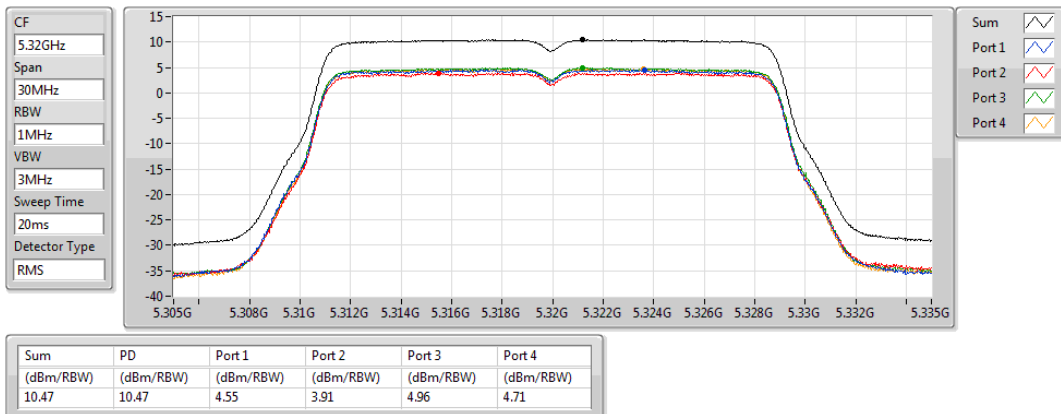


802.11ac VHT20_Nss4,(MCS0)_4TX

PSD

5320MHz

29/10/2019

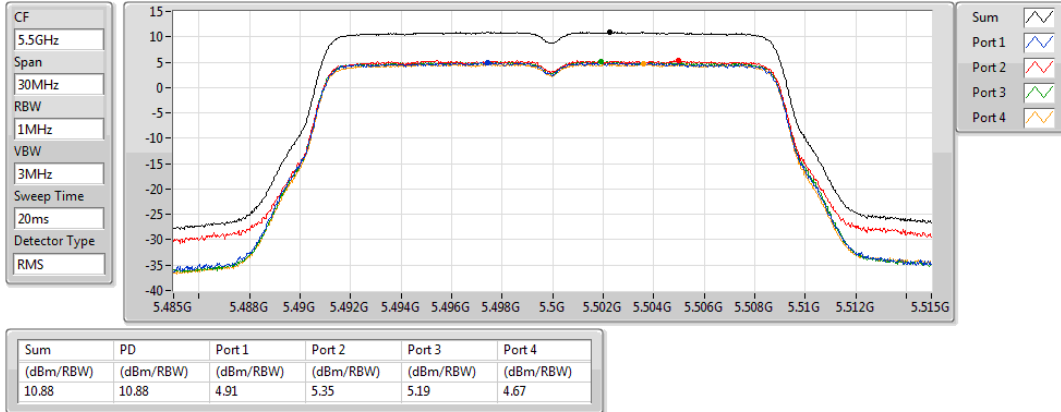


802.11ac VHT20_Nss4,(MCS0)_4TX

PSD

5500MHz

29/10/2019

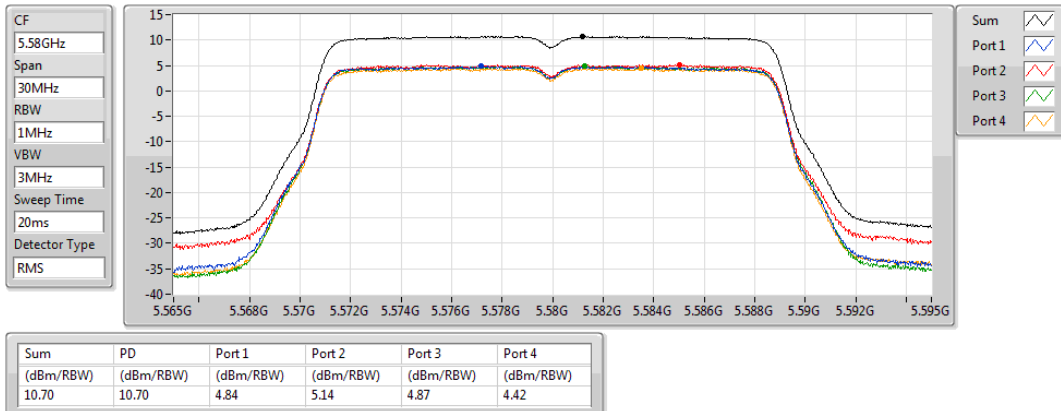


802.11ac VHT20_Nss4,(MCS0)_4TX

PSD

5580MHz

29/10/2019

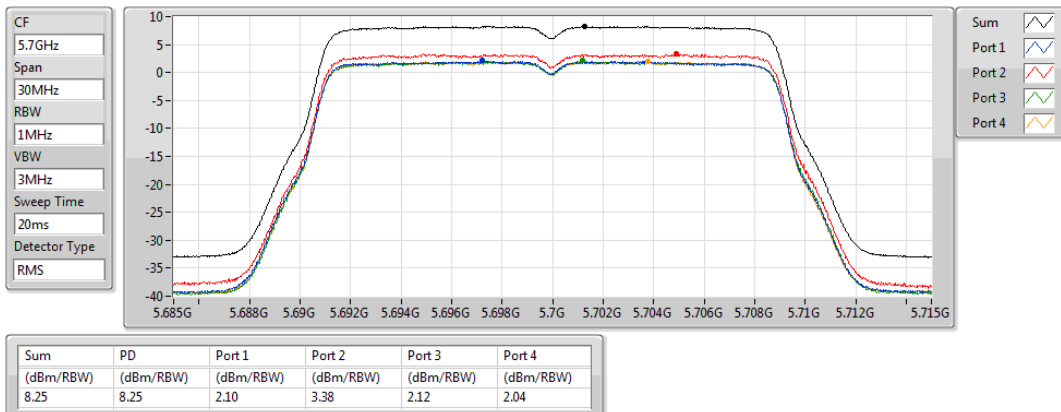


802.11ac VHT20_Nss4,(MCS0)_4TX

PSD

5700MHz

29/10/2019

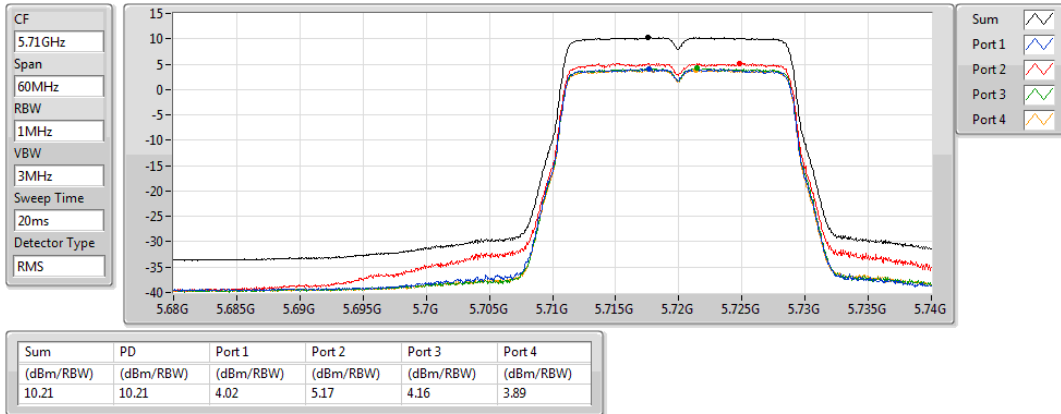


802.11ac VHT20_Nss4,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz

PSD

29/10/2019

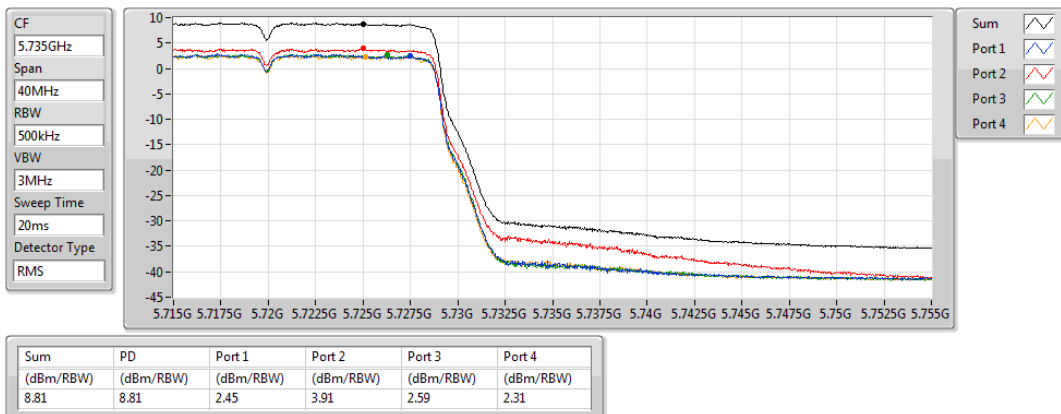


802.11ac VHT20_Nss4,(MCS0)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

29/10/2019

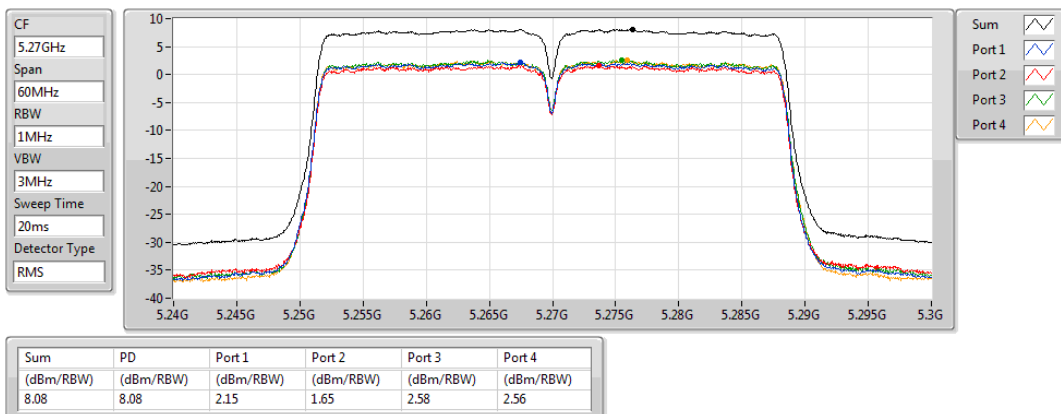


802.11ac VHT40_Nss4,(MCS0)_4TX

5270MHz

PSD

29/10/2019

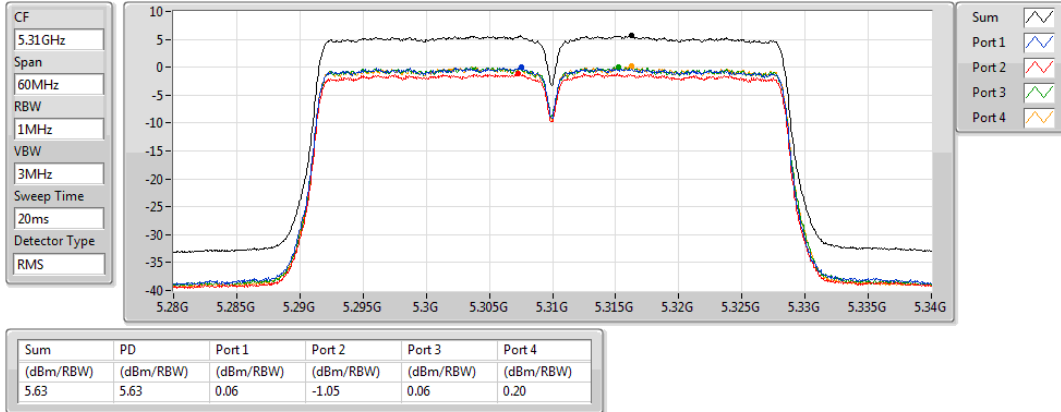


802.11ac VHT40_Nss4,(MCS0)_4TX

PSD

5310MHz

29/10/2019

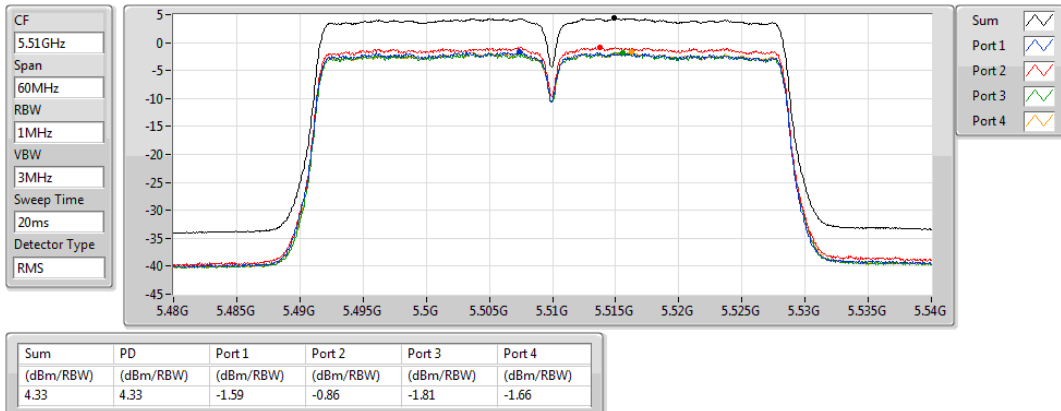


802.11ac VHT40_Nss4,(MCS0)_4TX

PSD

5510MHz

29/10/2019

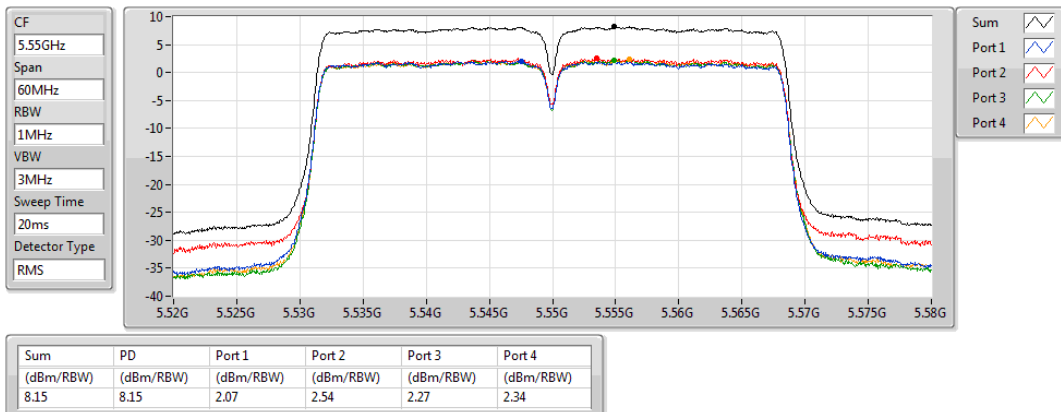


802.11ac VHT40_Nss4,(MCS0)_4TX

PSD

5550MHz

29/10/2019

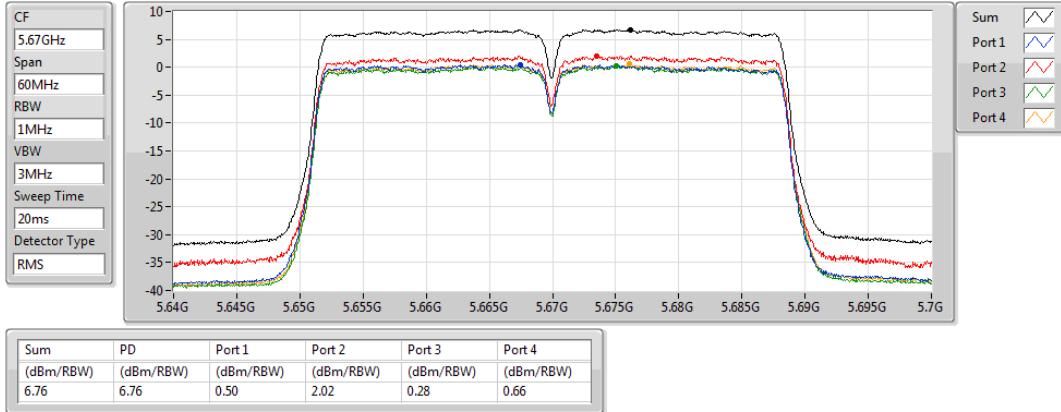


802.11ac VHT40_Nss4,(MCS0)_4TX

PSD

5670MHz

29/10/2019

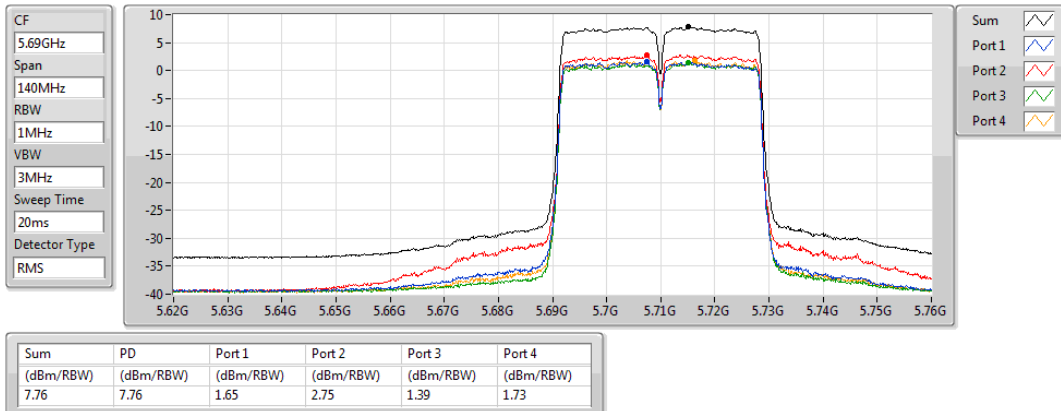


802.11ac VHT40_Nss4,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

29/10/2019

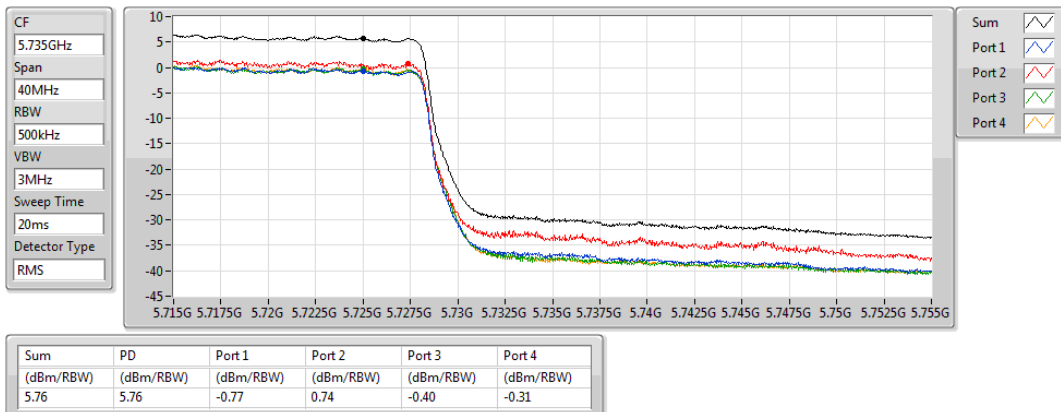


802.11ac VHT40_Nss4,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

29/10/2019

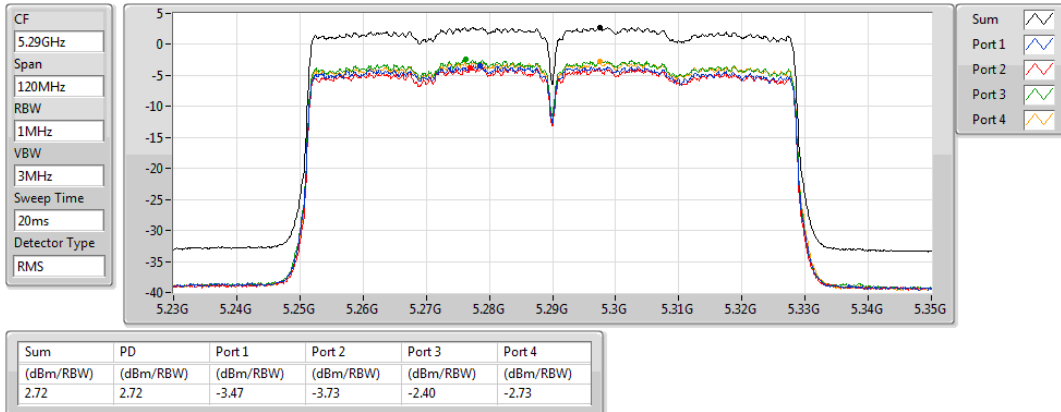


802.11ac VHT80_Nss4,(MCS0)_4TX

PSD

5290MHz

29/10/2019

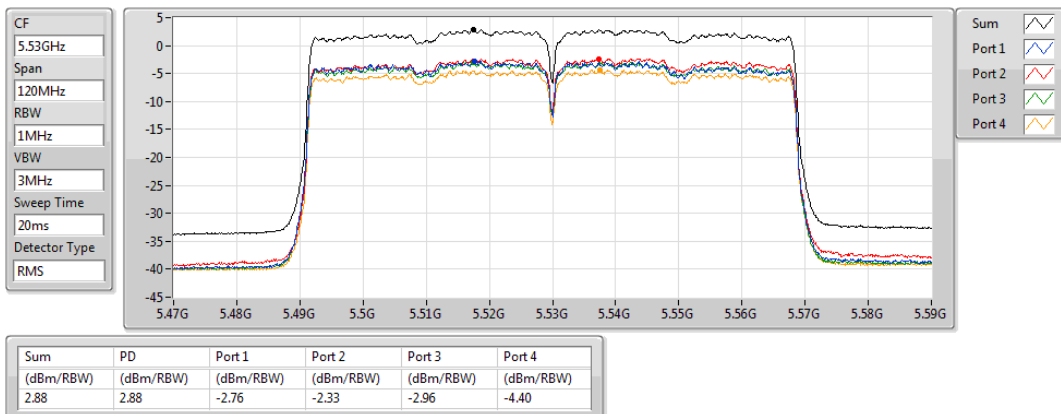


802.11ac VHT80_Nss4,(MCS0)_4TX

PSD

5530MHz

29/10/2019

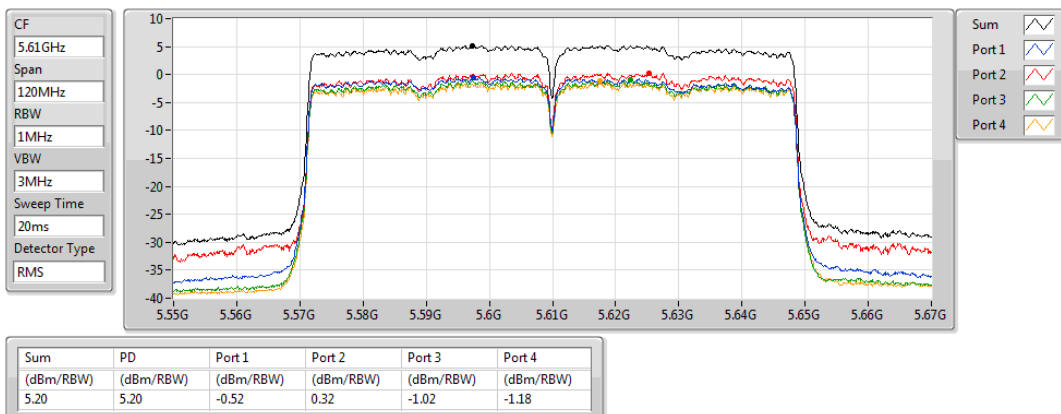


802.11ac VHT80_Nss4,(MCS0)_4TX

PSD

5610MHz

29/10/2019

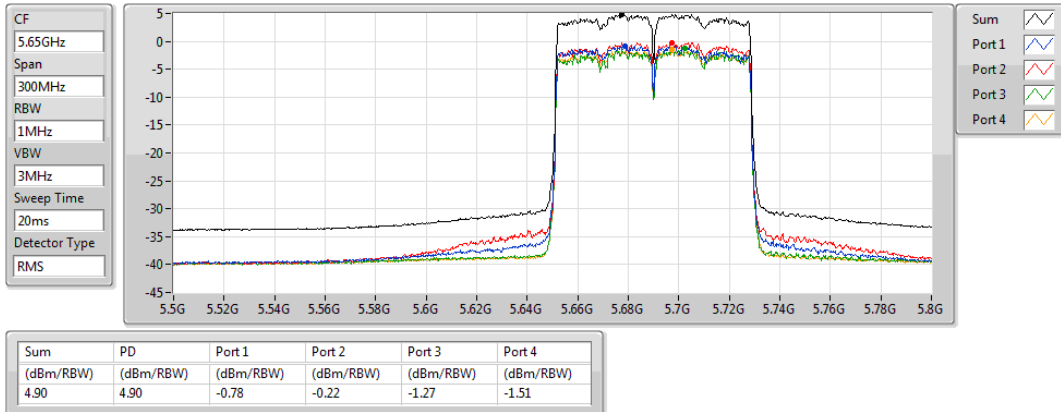


802.11ac VHT80_Nss4,(MCS0)_4TX

5690MHz Straddle 5.47-5.725GHz

PSD

29/10/2019

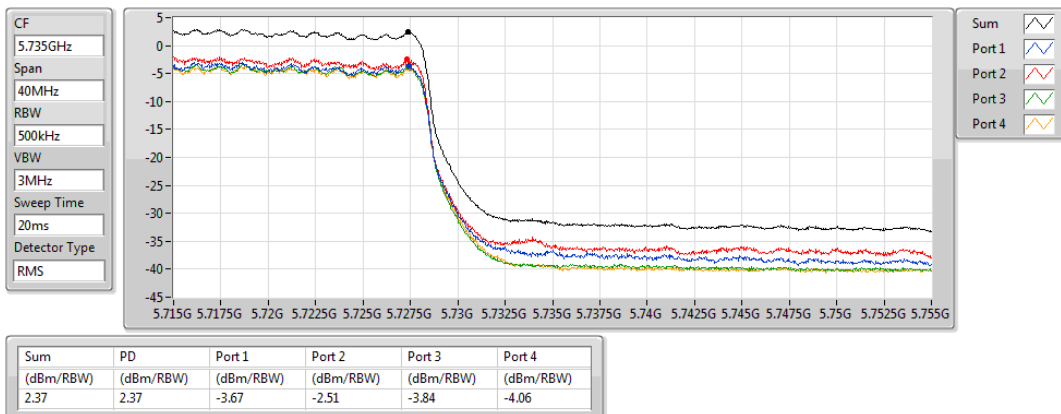


802.11ac VHT80_Nss4,(MCS0)_4TX

5690MHz Straddle 5.725-5.85GHz

PSD

29/10/2019

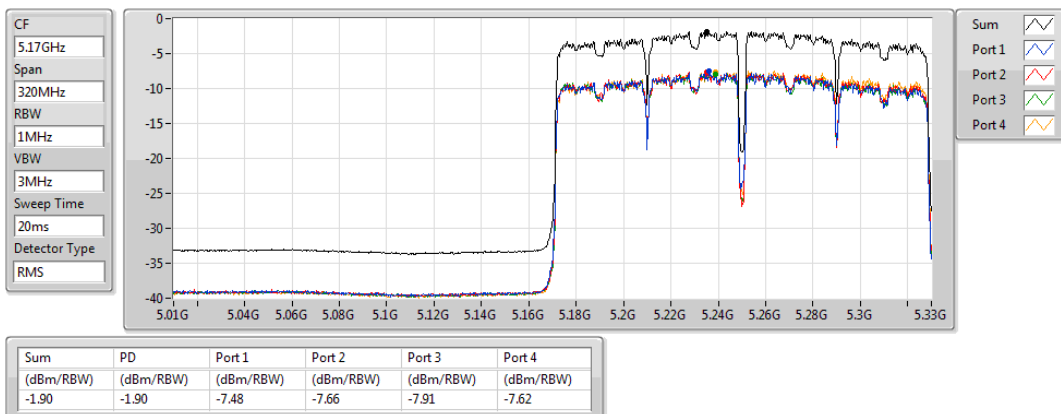


802.11ac VHT160_Nss4,(MCS0)_4TX

5250MHz Straddle 5.15-5.25GHz

PSD

29/10/2019

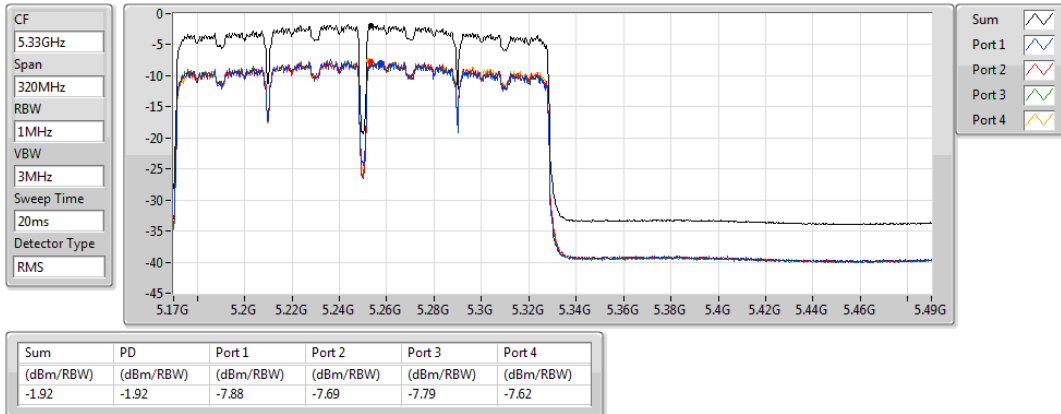


802.11ac VHT160_Nss4,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

29/10/2019

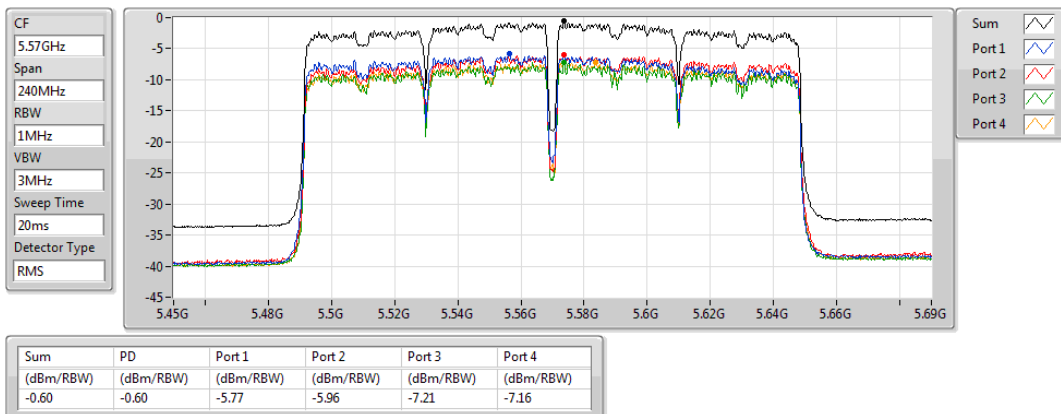


802.11ac VHT160_Nss4,(MCS0)_4TX

PSD

5570MHz

29/10/2019

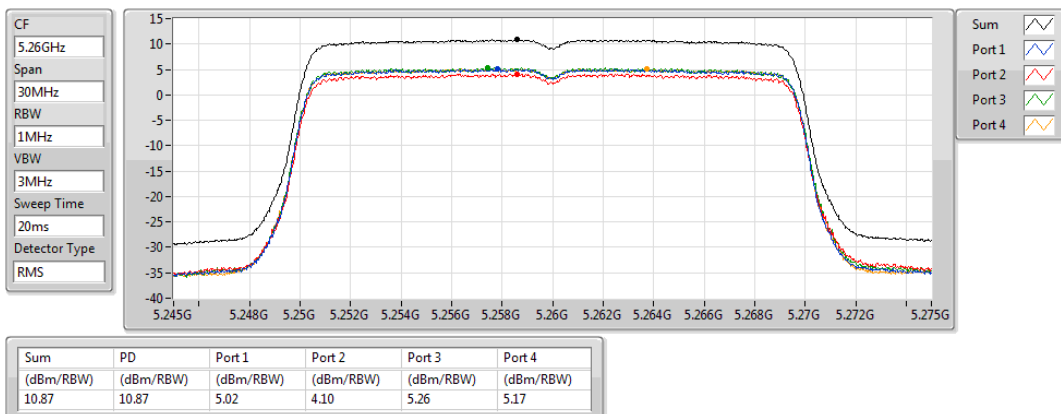


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5260MHz

29/10/2019

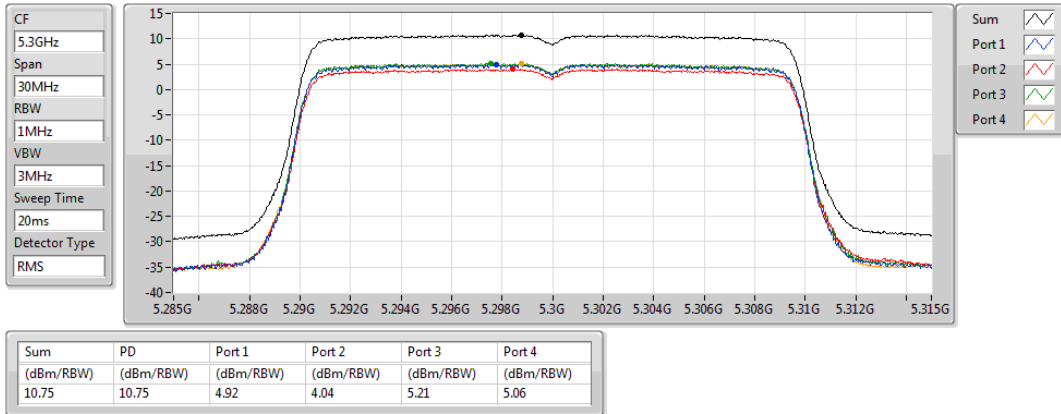


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5300MHz

29/10/2019

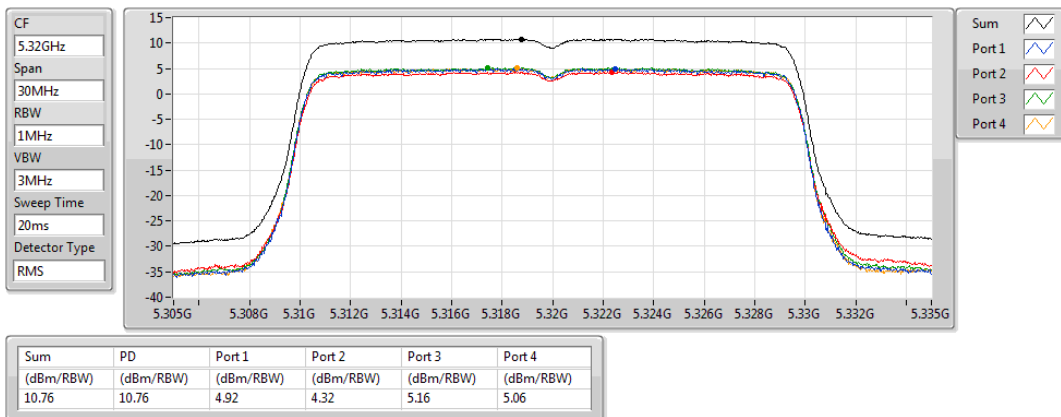


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5320MHz

29/10/2019

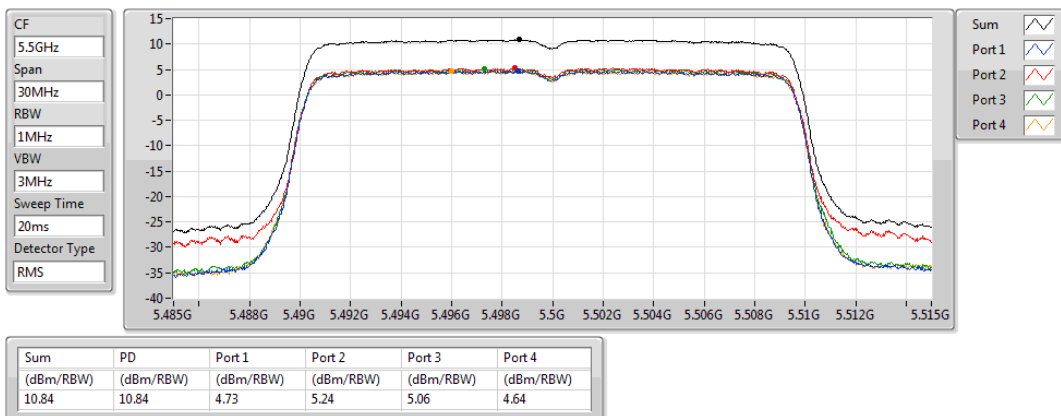


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5500MHz

29/10/2019

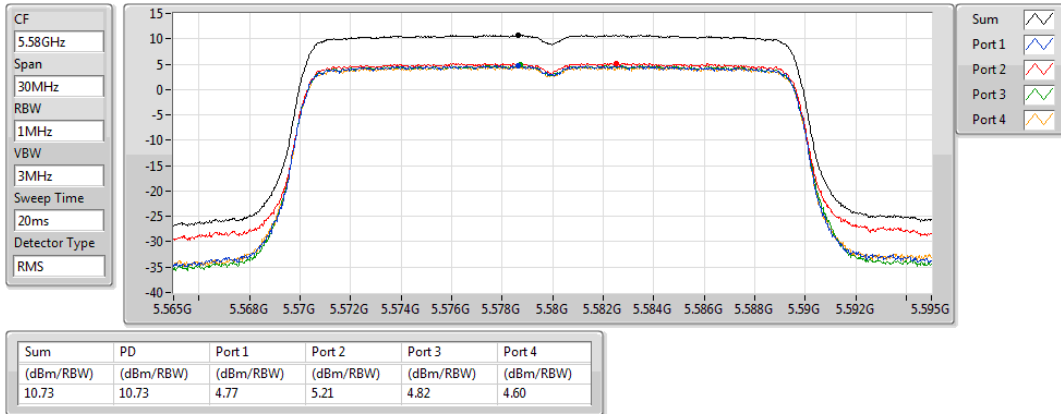


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5580MHz

29/10/2019

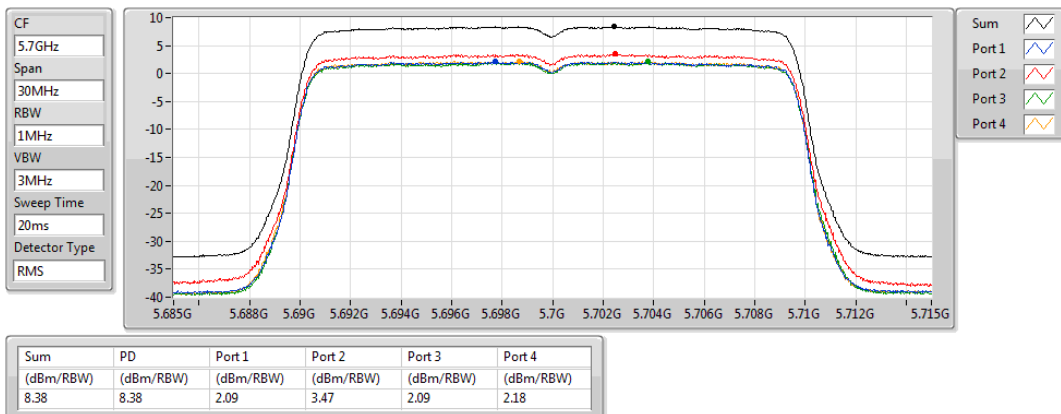


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5700MHz

29/10/2019

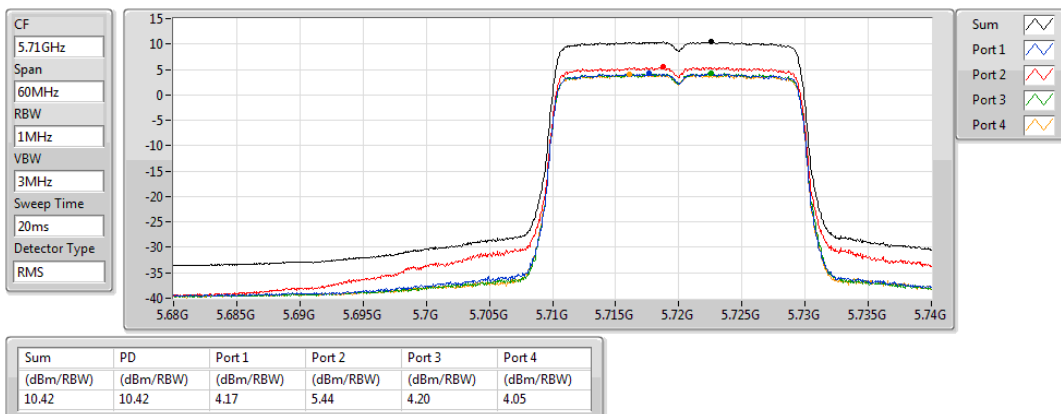


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

29/10/2019

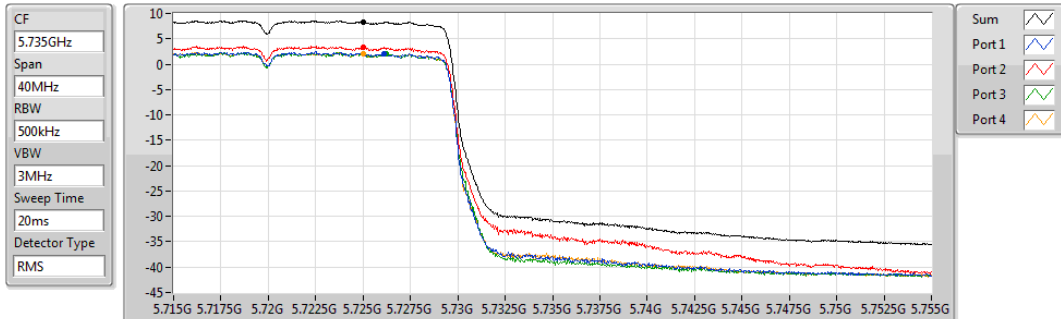


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

29/10/2019



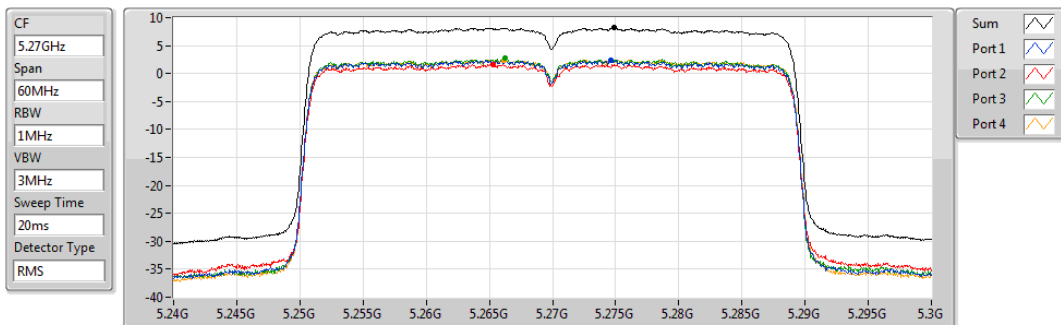
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.35	8.35	2.09	3.36	2.08	1.97

802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5270MHz

29/10/2019



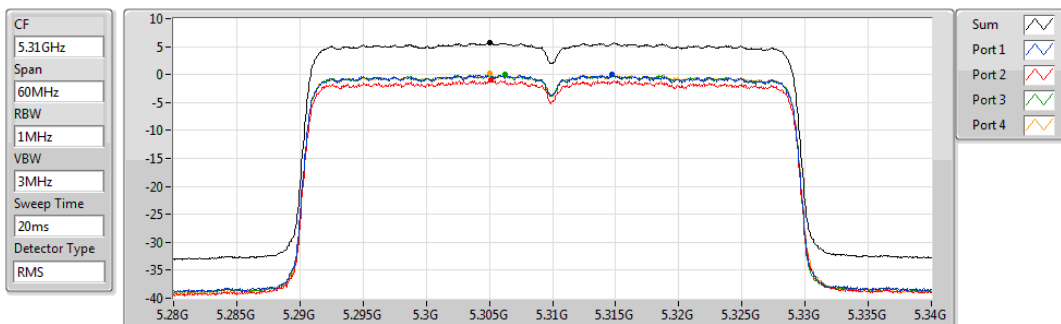
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.16	8.16	2.33	1.69	2.68	2.48

802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5310MHz

29/10/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.72	5.72	-0.04	-0.85	-0.05	0.14

802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5510MHz

29/10/2019

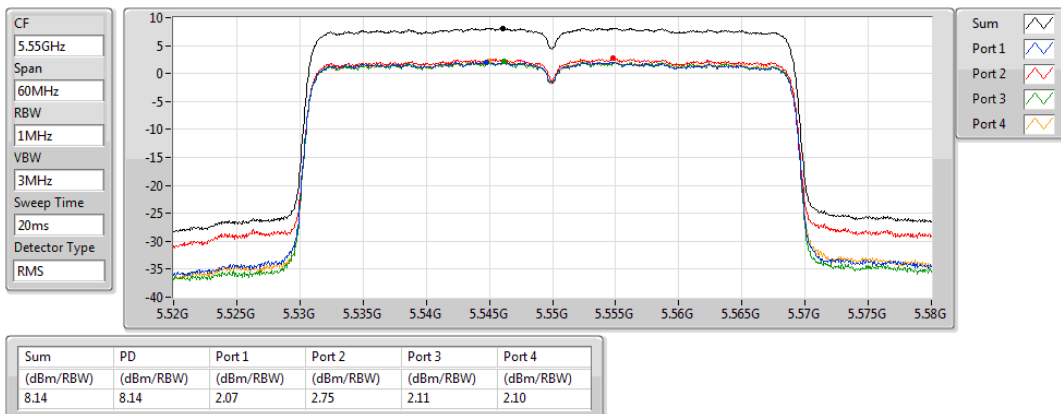


802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5550MHz

29/10/2019

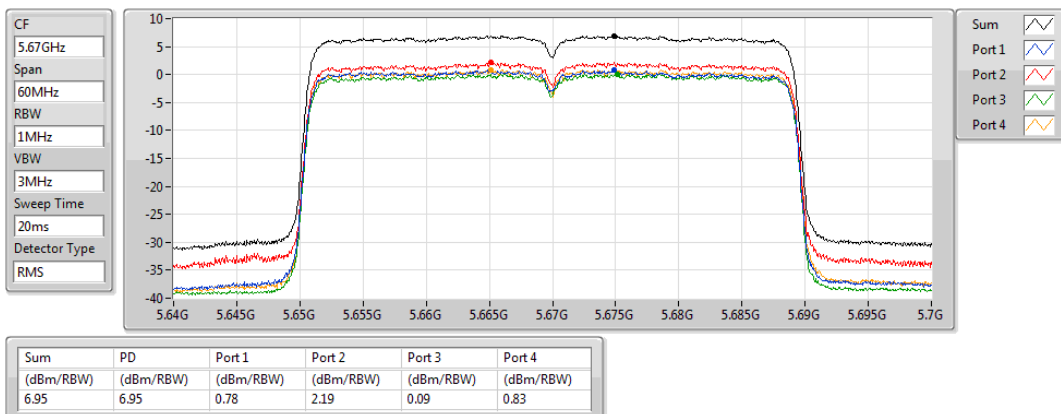


802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5670MHz

29/10/2019

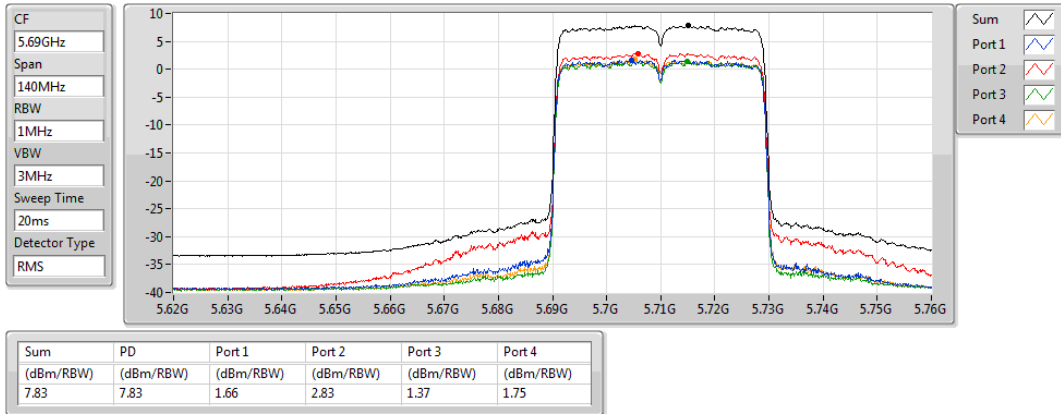


802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

29/10/2019

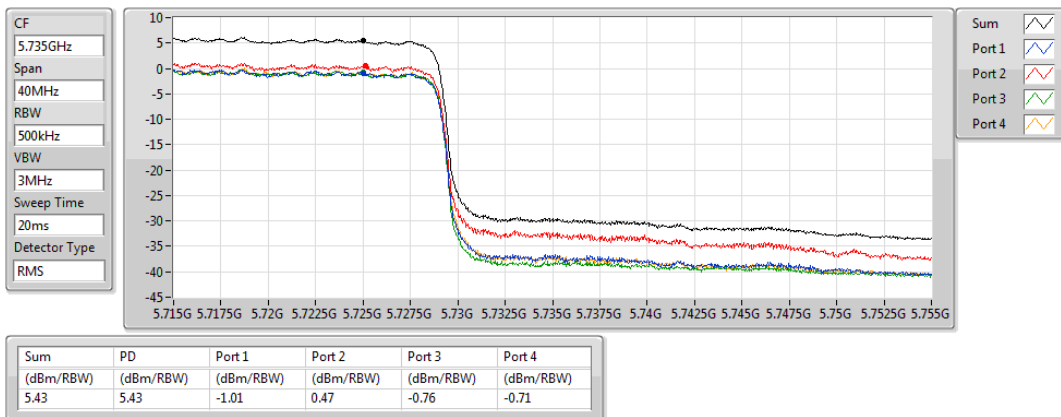


802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

29/10/2019

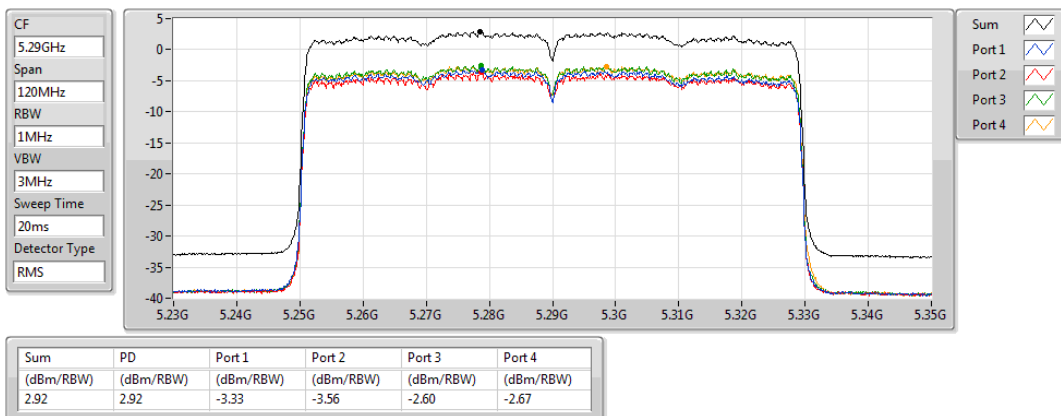


802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5290MHz

29/10/2019

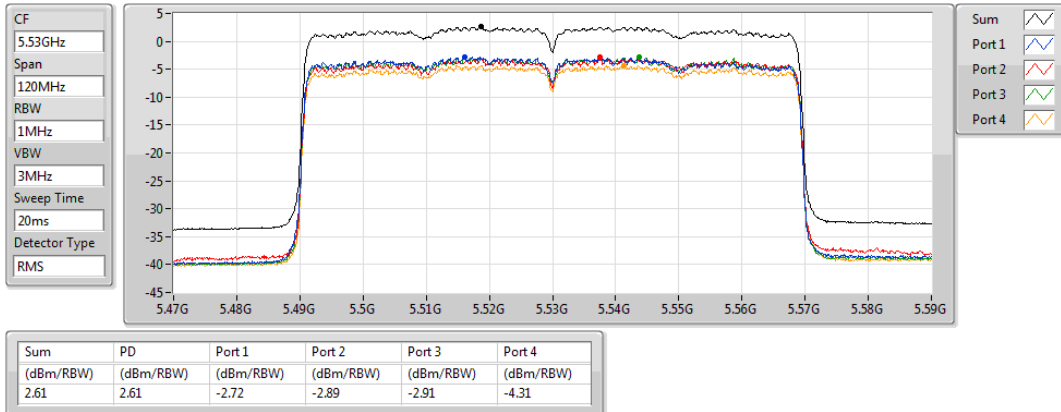


802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5530MHz

29/10/2019

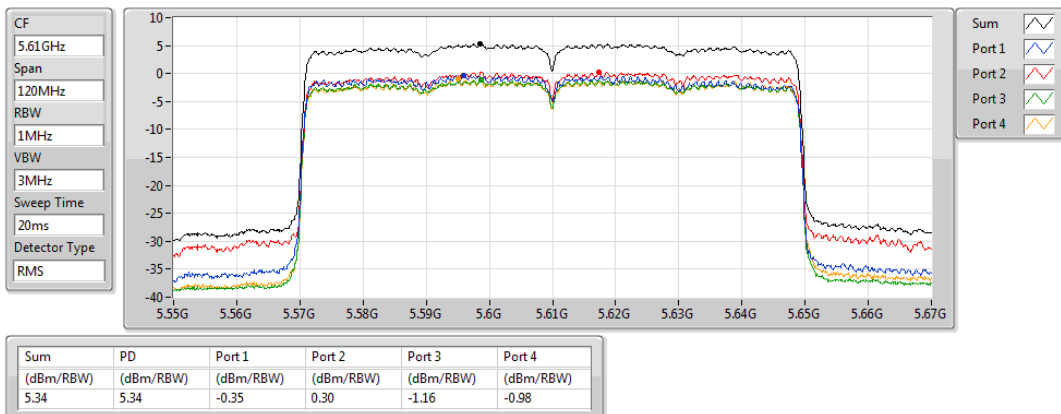


802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5610MHz

29/10/2019

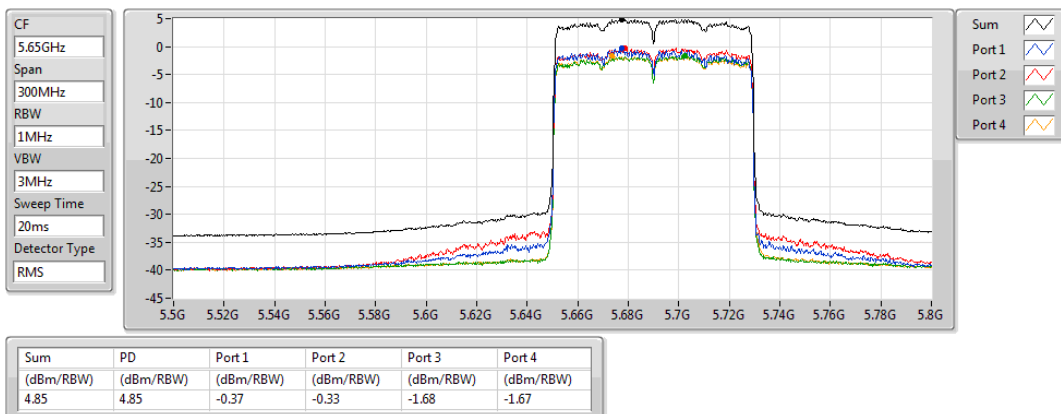


802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

29/10/2019

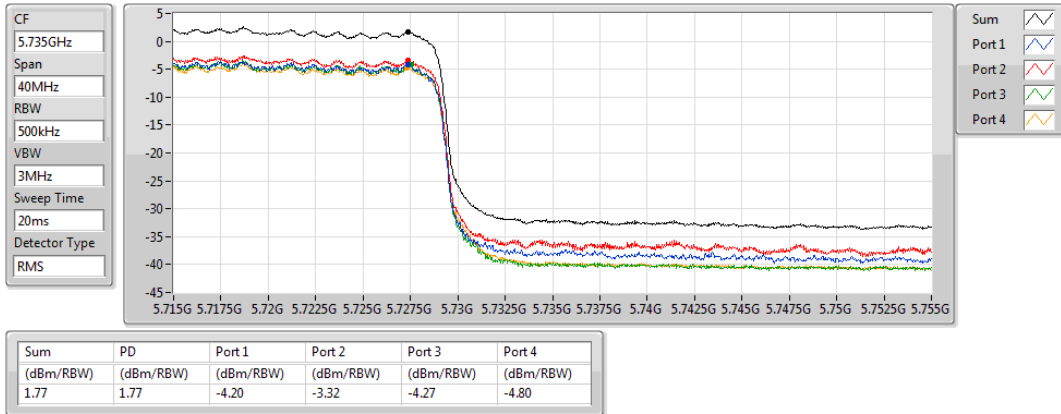


802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

29/10/2019

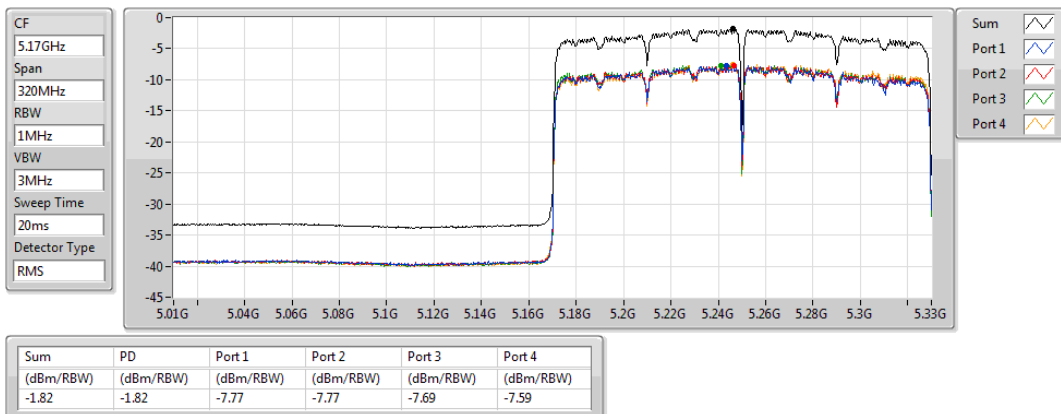


802.11ax HEW160_Nss4,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

29/10/2019

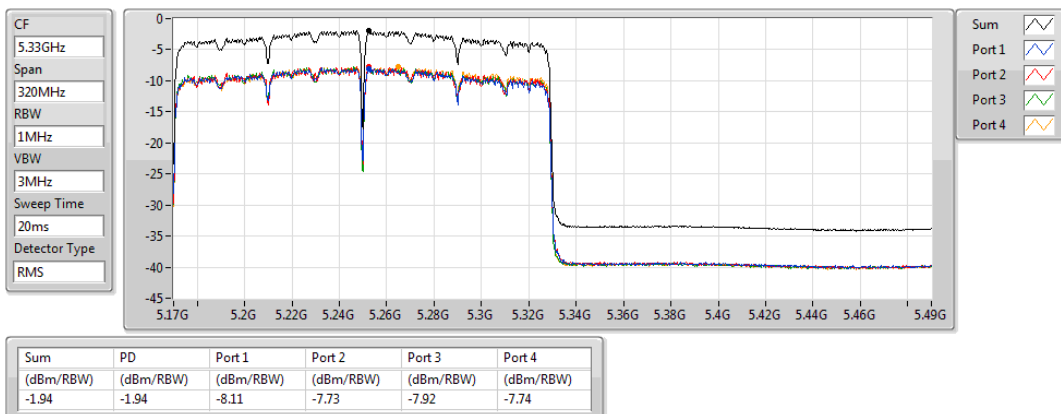


802.11ax HEW160_Nss4,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

29/10/2019

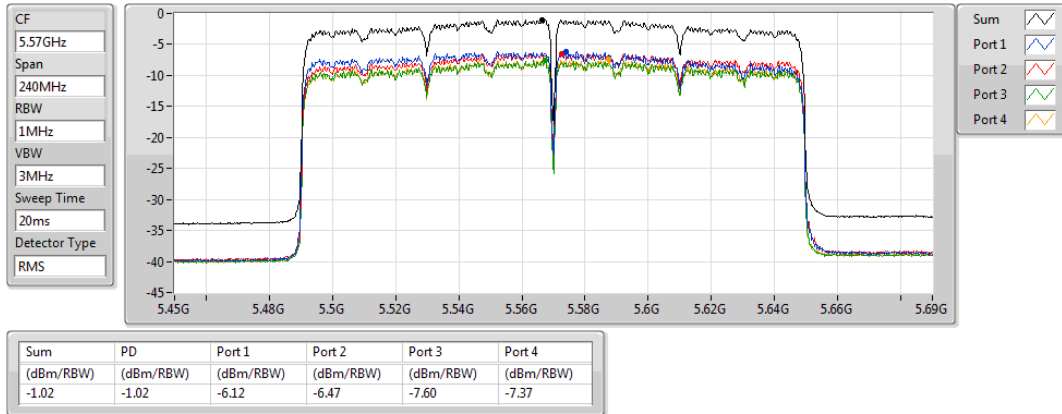


802.11ax HEW160_Nss4,(MCS0)_4TX

PSD

5570MHz

29/10/2019



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT20_Nss4,(MCS0)_4TX	14.76
802.11ac VHT40_Nss4,(MCS0)_4TX	9.83
802.11ac VHT80_Nss4,(MCS0)_4TX	1.69
802.11ax HEW20_Nss4,(MCS0)_4TX	14.63
802.11ax HEW40_Nss4,(MCS0)_4TX	9.71
802.11ax HEW80_Nss4,(MCS0)_4TX	1.85
5.725-5.85GHz	-
802.11ac VHT20_Nss4,(MCS0)_4TX	15.58
802.11ac VHT40_Nss4,(MCS0)_4TX	11.46
802.11ac VHT80_Nss4,(MCS0)_4TX	5.41
802.11ax HEW20_Nss4,(MCS0)_4TX	15.40
802.11ax HEW40_Nss4,(MCS0)_4TX	11.19
802.11ax HEW80_Nss4,(MCS0)_4TX	5.59

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.36	4.19	4.59	4.72	4.26	10.34	17.00
5200MHz	Pass	5.36	8.17	9.15	8.71	8.39	14.54	17.00
5240MHz	Pass	5.36	8.50	9.42	9.04	8.53	14.76	17.00
5745MHz	Pass	5.36	9.67	10.29	9.28	9.22	15.56	30.00
5785MHz	Pass	5.36	9.80	10.37	9.45	9.18	15.58	30.00
5825MHz	Pass	5.36	9.85	10.25	9.33	9.10	15.53	30.00
802.11ac VHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.36	-0.84	-0.77	-0.77	-0.79	5.02	17.00
5230MHz	Pass	5.36	3.33	4.68	3.98	4.05	9.83	17.00
5755MHz	Pass	5.36	4.51	5.25	4.33	4.19	10.38	30.00
5795MHz	Pass	5.36	5.54	6.04	5.15	5.31	11.46	30.00
802.11ac VHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.36	-4.19	-3.92	-4.15	-4.20	1.69	17.00
5775MHz	Pass	5.36	-0.67	0.54	-0.50	-0.98	5.41	30.00
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.36	4.83	4.99	4.97	4.79	10.86	17.00
5200MHz	Pass	5.36	8.19	8.95	8.58	8.36	14.39	17.00
5240MHz	Pass	5.36	8.56	9.23	8.72	8.41	14.63	17.00
5745MHz	Pass	5.36	9.53	9.95	9.12	9.31	15.34	30.00
5785MHz	Pass	5.36	9.81	9.99	9.10	9.12	15.37	30.00
5825MHz	Pass	5.36	9.77	10.05	9.23	9.27	15.40	30.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.36	-1.10	-0.99	-0.98	-1.02	4.84	17.00
5230MHz	Pass	5.36	3.27	4.46	3.82	3.49	9.71	17.00
5755MHz	Pass	5.36	4.45	4.92	4.16	3.90	10.28	30.00
5795MHz	Pass	5.36	5.59	5.88	5.09	5.09	11.19	30.00
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.36	-4.19	-3.96	-4.11	-4.07	1.85	17.00
5775MHz	Pass	5.36	-0.56	0.51	-0.72	-0.45	5.59	30.00

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

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