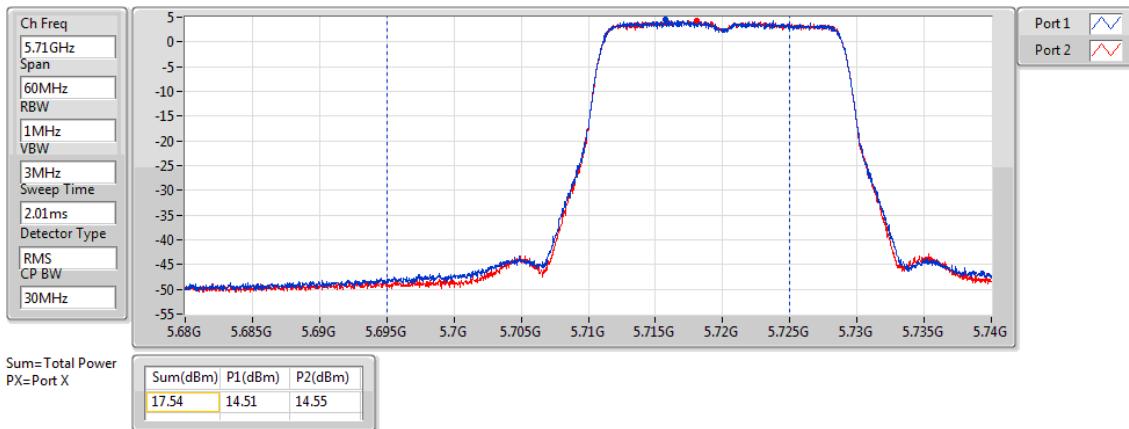




802.11ac VHT20-BF_Nss1,(MCS0)_2TX

AV Power

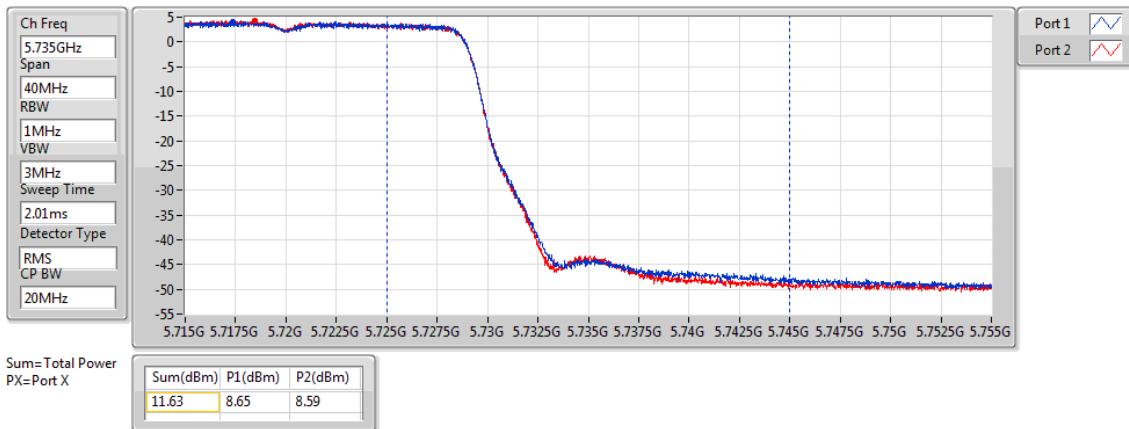
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

AV Power

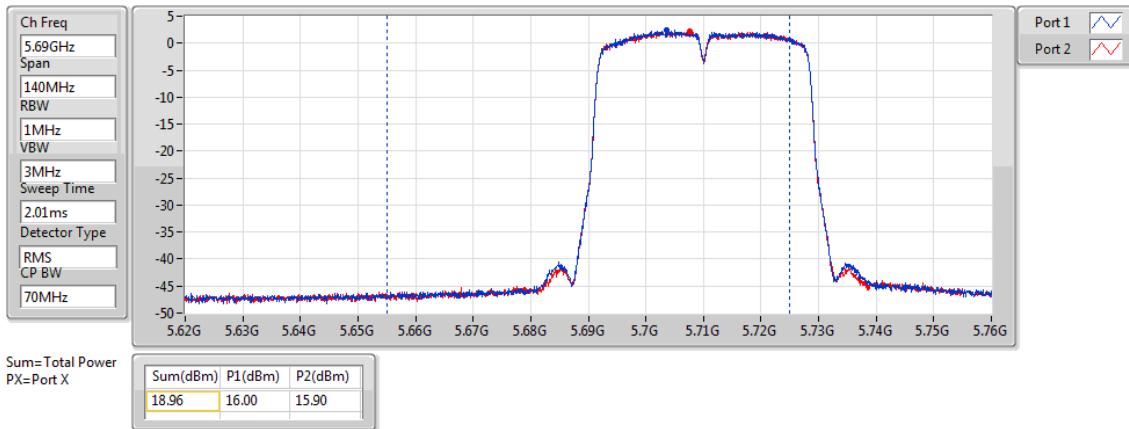
5720MHz Straddle 5.725-5.85GHz

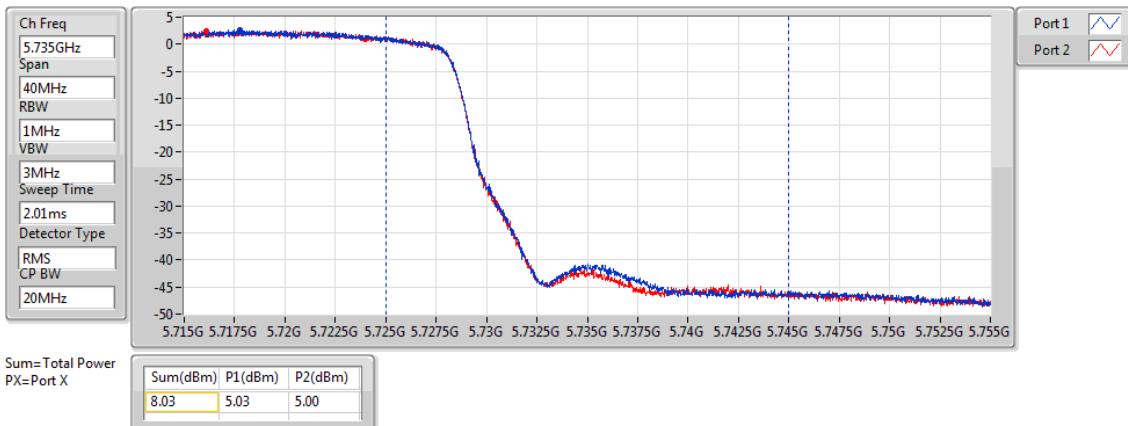
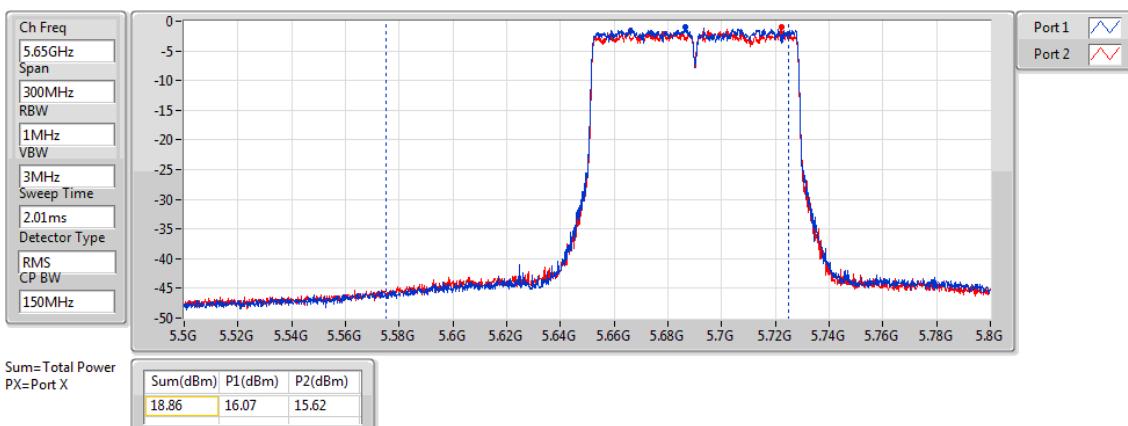
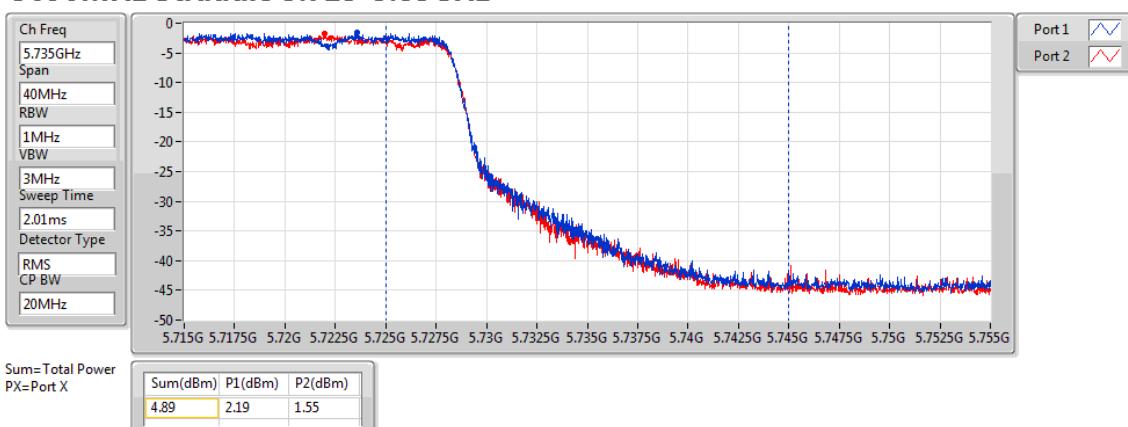


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz



**802.11ac VHT40-BF_Nss1,(MCS0)_2TX****AV Power****5710MHz Straddle 5.725-5.85GHz****802.11ac VHT80-BF_Nss1,(MCS0)_2TX****AV Power****5690MHz Straddle 5.47-5.725GHz****802.11ac VHT80-BF_Nss1,(MCS0)_2TX****AV Power****5690MHz Straddle 5.725-5.85GHz**



For Set 3 antennas / 3TX:
<For Non-Beamforming Mode>
Summary

Mode	Total Power (dBm)	Total Power (W)
802.11a_(6Mbps)_3TX	-	-
5.15-5.25GHz	21.93	0.15596
5.25-5.35GHz	15.57	0.03606
5.47-5.725GHz	15.99	0.03972
5.725-5.85GHz	25.82	0.38194
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	22.23	0.16711
5.25-5.35GHz	15.82	0.03819
5.47-5.725GHz	16.37	0.04335
5.725-5.85GHz	26.02	0.39994
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	24.31	0.26977
5.25-5.35GHz	18.34	0.06823
5.47-5.725GHz	18.98	0.07907
5.725-5.85GHz	26.19	0.41591
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	20.14	0.10328
5.25-5.35GHz	16.23	0.04198
5.47-5.725GHz	20.07	0.10162
5.725-5.85GHz	23.79	0.23933



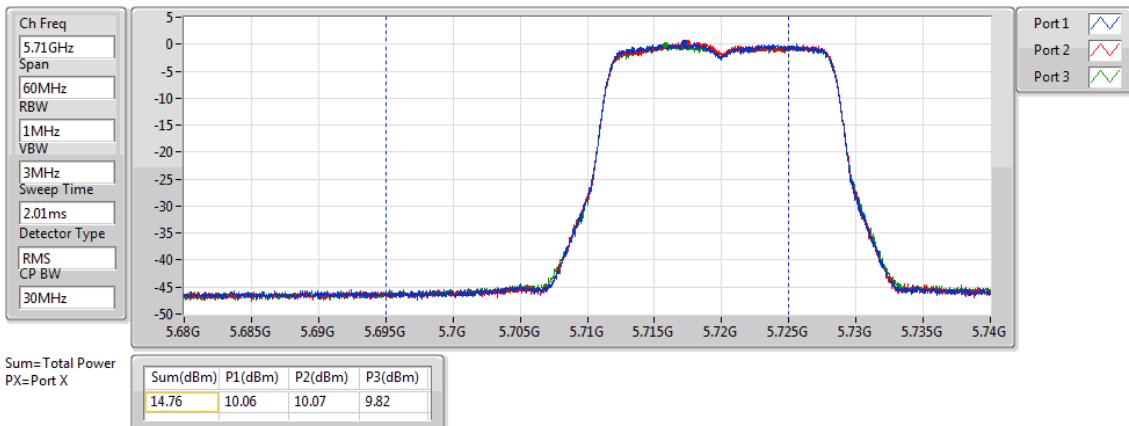
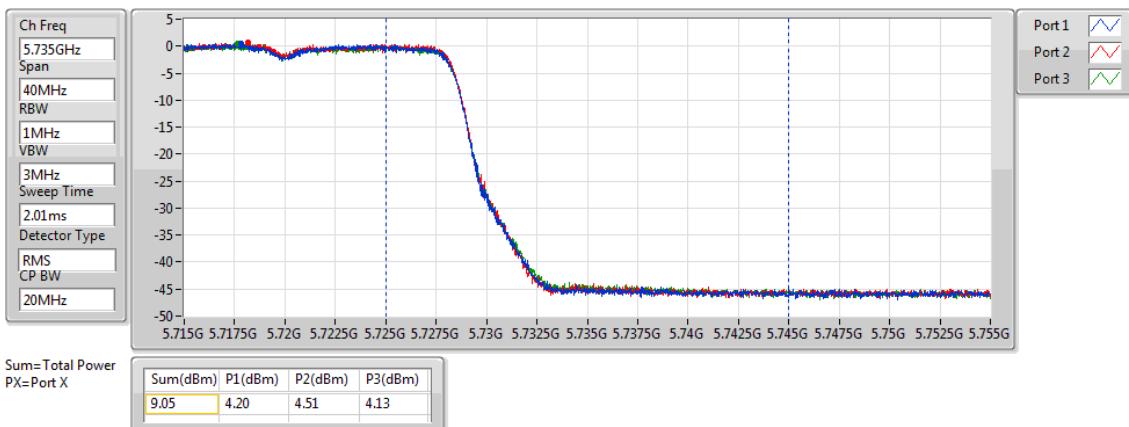
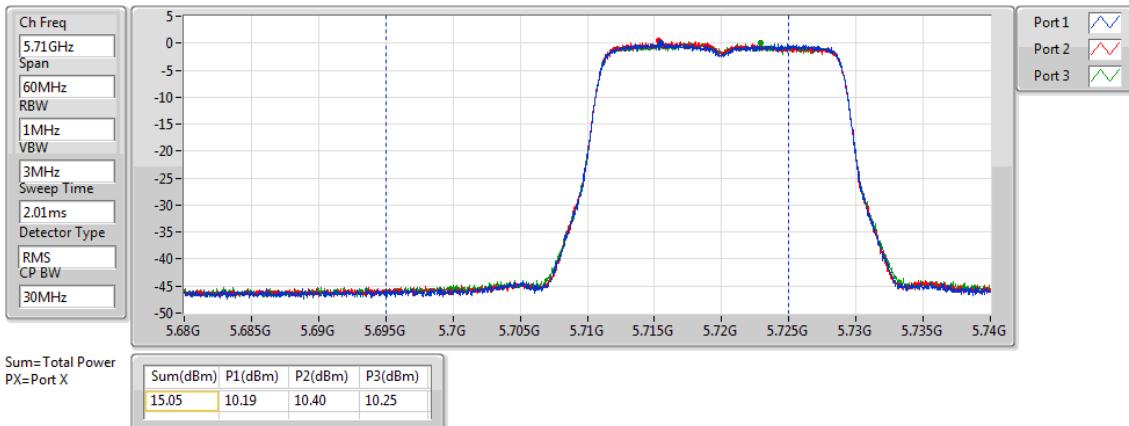
Result

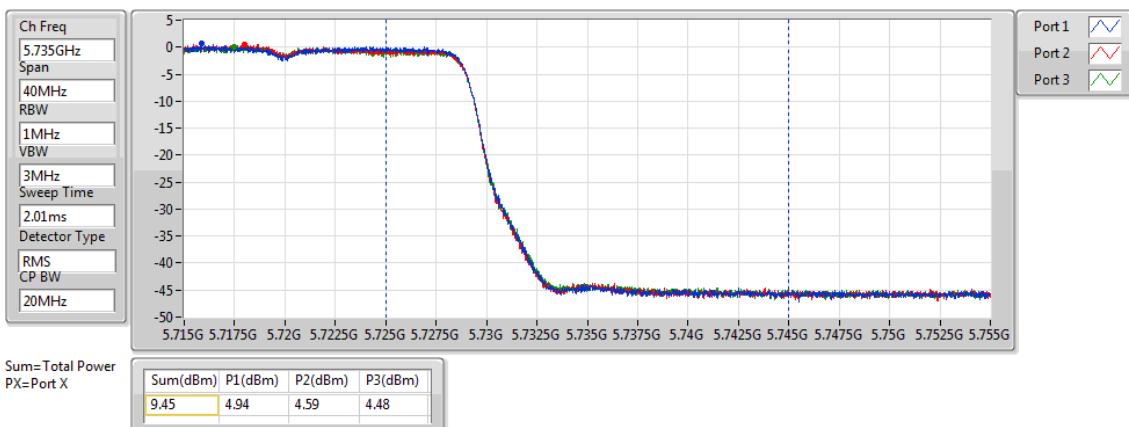
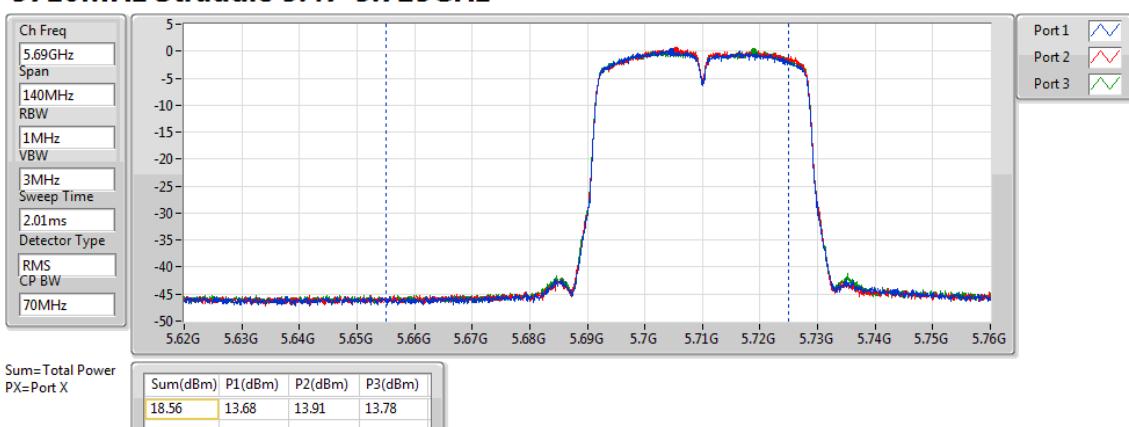
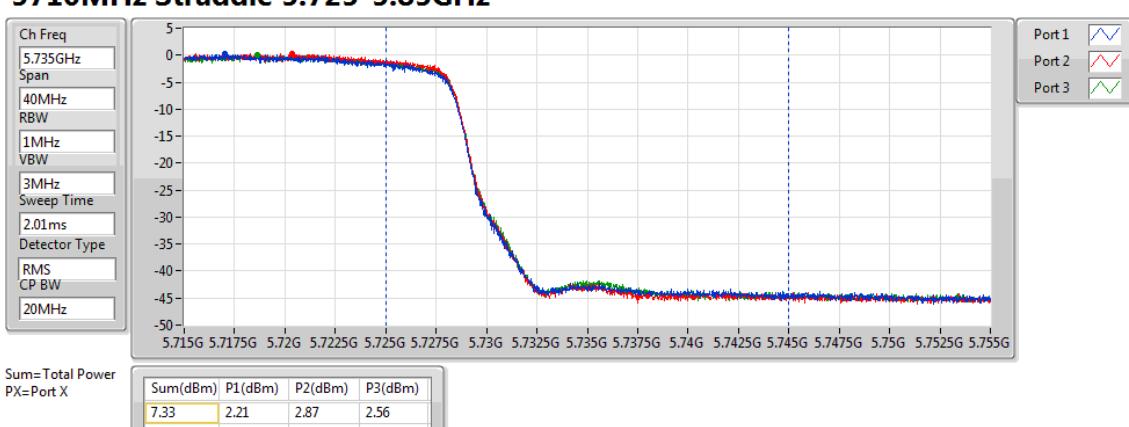
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_(6Mbps)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	9.74	17.35	17.08	17.03	21.93	26.26
5200MHz	Pass	9.74	16.82	16.53	16.51	21.39	26.26
5240MHz	Pass	9.74	16.66	16.38	16.64	21.33	26.26
5260MHz	Pass	9.74	10.77	10.64	10.78	15.50	20.04
5300MHz	Pass	9.74	10.85	10.88	10.65	15.57	20.00
5320MHz	Pass	9.74	10.86	10.77	10.43	15.46	20.06
5500MHz	Pass	9.74	11.58	11.25	10.79	15.99	20.14
5580MHz	Pass	9.74	11.52	11.07	10.91	15.95	20.11
5700MHz	Pass	9.74	11.00	11.14	11.20	15.89	20.12
5720MHz Straddle 5.47-5.725GHz	Pass	9.74	10.06	10.07	9.82	14.76	18.91
5720MHz Straddle 5.725-5.85GHz	Pass	9.74	4.20	4.51	4.13	9.05	26.26
5745MHz	Pass	9.74	21.07	21.01	21.01	25.80	26.26
5785MHz	Pass	9.74	20.78	21.05	21.20	25.78	26.26
5825MHz	Pass	9.74	20.93	21.09	21.12	25.82	26.26
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	9.74	17.73	17.65	16.97	22.23	26.26
5200MHz	Pass	9.74	17.73	17.62	16.94	22.22	26.26
5240MHz	Pass	9.74	17.23	17.37	17.13	22.02	26.26
5260MHz	Pass	9.74	10.94	11.12	9.05	15.24	20.24
5300MHz	Pass	9.74	11.09	10.92	11.14	15.82	20.24
5320MHz	Pass	9.74	10.80	10.94	10.87	15.64	20.26
5500MHz	Pass	9.74	11.98	11.58	10.98	16.30	20.24
5580MHz	Pass	9.74	12.01	11.67	11.08	16.37	20.24
5700MHz	Pass	9.74	11.40	11.26	11.42	16.13	20.24
5720MHz Straddle 5.47-5.725GHz	Pass	9.74	10.19	10.40	10.25	15.05	19.06
5720MHz Straddle 5.725-5.85GHz	Pass	9.74	4.94	4.59	4.48	9.45	26.26
5745MHz	Pass	9.74	21.18	21.24	20.68	25.81	26.26
5785MHz	Pass	9.74	20.83	21.42	21.37	25.99	26.26
5825MHz	Pass	9.74	21.11	21.29	21.35	26.02	26.26
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5190MHz	Pass	9.74	18.64	18.08	18.34	23.13	26.26
5230MHz	Pass	9.74	19.81	19.43	19.37	24.31	26.26
5270MHz	Pass	9.74	13.67	13.30	13.68	18.32	20.24
5310MHz	Pass	9.74	13.65	13.51	13.56	18.34	20.24
5510MHz	Pass	9.74	14.35	14.23	14.03	18.98	20.24
5550MHz	Pass	9.74	14.44	13.97	13.96	18.90	20.24
5670MHz	Pass	9.74	14.13	13.96	14.45	18.96	20.24
5710MHz Straddle 5.47-5.725GHz	Pass	9.74	13.68	13.91	13.78	18.56	20.24
5710MHz Straddle 5.725-5.85GHz	Pass	9.74	2.21	2.87	2.56	7.33	26.26
5755MHz	Pass	9.74	21.26	21.48	21.35	26.14	26.26
5795MHz	Pass	9.74	21.15	21.74	21.36	26.19	26.26
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-

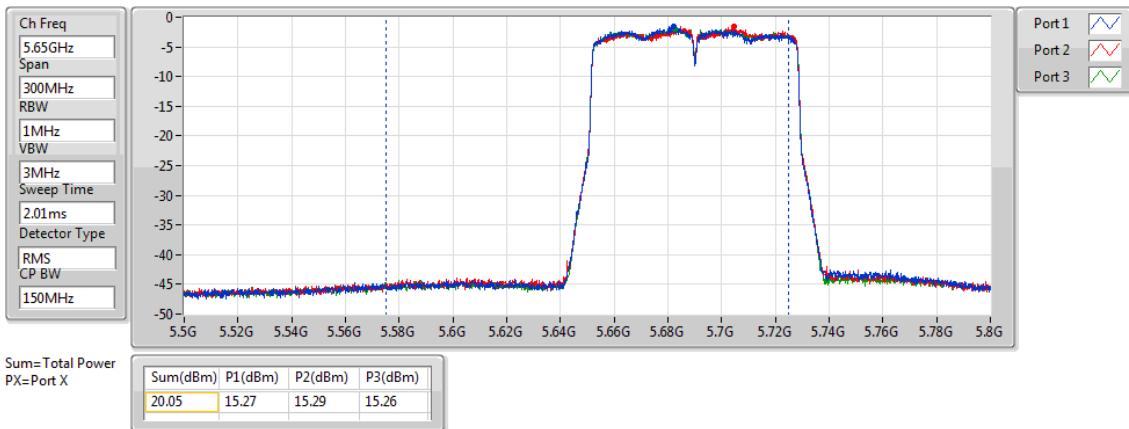
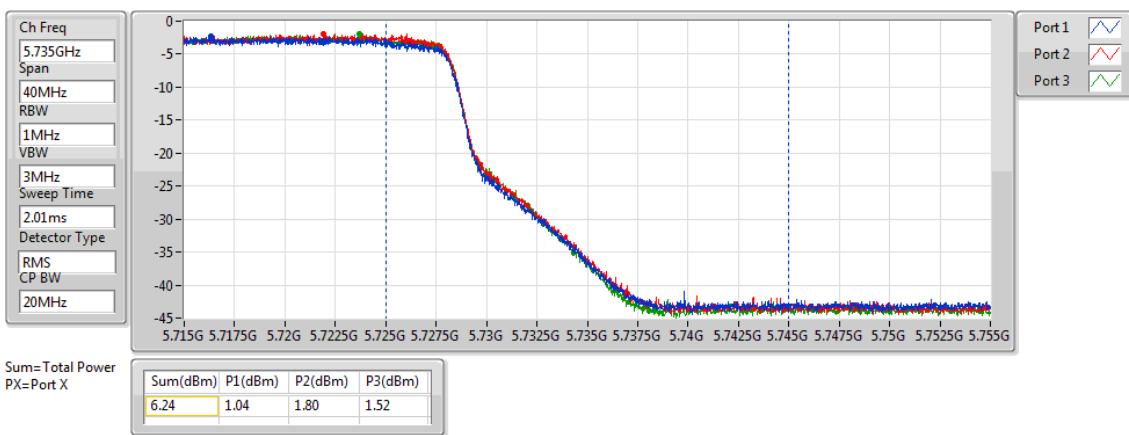
**FCC Test Report****Report No. : FR760613AC**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)
5210MHz	Pass	9.74	15.52	14.98	15.59	20.14	26.26
5290MHz	Pass	9.74	11.33	11.39	11.66	16.23	20.24
5530MHz	Pass	9.74	14.77	14.53	14.36	19.33	20.24
5610MHz	Pass	9.74	15.23	15.41	15.25	20.07	20.24
5690MHz Straddle 5.47-5.725GHz	Pass	9.74	15.27	15.29	15.26	20.04	20.24
5690MHz Straddle 5.725-5.85GHz	Pass	9.74	1.04	1.80	1.52	6.24	26.26
5775MHz	Pass	9.74	18.92	19.26	18.87	23.79	26.26

DG = Directional Gain; **Port X** = Port X output power

**802.11a_(6Mbps)_3TX****AV Power****5720MHz Straddle 5.47-5.725GHz****802.11a_(6Mbps)_3TX****AV Power****5720MHz Straddle 5.725-5.85GHz****802.11ac VHT20_Nss1,(MCS0)_3TX****AV Power****5720MHz Straddle 5.47-5.725GHz**

**802.11ac VHT20_Nss1,(MCS0)_3TX
5720MHz Straddle 5.725-5.85GHz****AV Power****802.11ac VHT40_Nss1,(MCS0)_3TX
5710MHz Straddle 5.47-5.725GHz****AV Power****802.11ac VHT40_Nss1,(MCS0)_3TX
5710MHz Straddle 5.725-5.85GHz****AV Power**

**802.11ac VHT80_Nss1,(MCS0)_3TX
5690MHz Straddle 5.47-5.725GHz****AV Power****802.11ac VHT80_Nss1,(MCS0)_3TX
5690MHz Straddle 5.725-5.85GHz****AV Power**



<For Beamforming Mode>

Summary

Mode	Total Power (dBm)	Total Power (W)
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	21.99	0.15812
5.25-5.35GHz	15.85	0.03846
5.47-5.725GHz	15.95	0.03936
5.725-5.85GHz	21.98	0.15776
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	21.78	0.15066
5.25-5.35GHz	15.80	0.03802
5.47-5.725GHz	15.93	0.03917
5.725-5.85GHz	21.94	0.15631
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	21.46	0.13996
5.25-5.35GHz	15.87	0.03864
5.47-5.725GHz	15.97	0.03954
5.725-5.85GHz	21.98	0.15776



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	14.00	17.19	17.11	17.20	21.94	22.00
5200MHz	Pass	14.00	17.28	17.10	17.28	21.99	22.00
5240MHz	Pass	14.00	17.11	17.00	17.37	21.93	22.00
5260MHz	Pass	14.00	10.98	10.72	11.26	15.76	15.98
5300MHz	Pass	14.00	10.89	10.58	11.61	15.82	15.97
5320MHz	Pass	14.00	10.79	11.17	11.27	15.85	15.98
5500MHz	Pass	14.00	11.14	10.91	10.38	15.59	15.98
5580MHz	Pass	14.00	11.31	11.18	11.03	15.95	15.98
5700MHz	Pass	14.00	10.88	11.23	11.01	15.81	15.98
5720MHz Straddle 5.47-5.725GHz	Pass	14.00	9.48	9.91	9.62	14.44	14.78
5720MHz Straddle 5.725-5.85GHz	Pass	14.00	3.77	3.80	3.62	8.50	22.00
5745MHz	Pass	14.00	17.03	17.35	17.20	21.97	22.00
5785MHz	Pass	14.00	16.97	17.38	17.28	21.98	22.00
5825MHz	Pass	14.00	17.03	17.31	17.27	21.98	22.00
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5190MHz	Pass	14.00	17.01	16.85	16.89	21.69	22.00
5230MHz	Pass	14.00	17.08	16.92	17.03	21.78	22.00
5270MHz	Pass	14.00	10.97	10.83	10.99	15.70	15.98
5310MHz	Pass	14.00	11.14	10.86	11.09	15.80	15.98
5510MHz	Pass	14.00	11.12	10.98	11.06	15.82	15.98
5550MHz	Pass	14.00	11.21	11.05	10.95	15.84	15.98
5670MHz	Pass	14.00	11.09	11.06	11.31	15.93	15.98
5710MHz Straddle 5.47-5.725GHz	Pass	14.00	10.89	11.22	11.09	15.84	15.98
5710MHz Straddle 5.725-5.85GHz	Pass	14.00	-0.70	-0.22	-0.48	4.31	22.00
5755MHz	Pass	14.00	16.95	17.33	17.22	21.94	22.00
5795MHz	Pass	14.00	16.56	17.23	16.95	21.69	22.00
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5210MHz	Pass	14.00	16.72	16.51	16.82	21.46	22.00
5290MHz	Pass	14.00	10.92	11.08	11.28	15.87	15.98
5530MHz	Pass	14.00	11.37	11.18	11.05	15.97	15.98
5610MHz	Pass	14.00	10.85	11.01	11.21	15.80	15.98
5690MHz Straddle 5.47-5.725GHz	Pass	14.00	10.93	10.95	11.42	15.88	15.98
5690MHz Straddle 5.725-5.85GHz	Pass	14.00	10.82	11.01	11.29	15.82	22.00
5775MHz	Pass	14.00	16.82	17.45	17.33	21.98	22.00

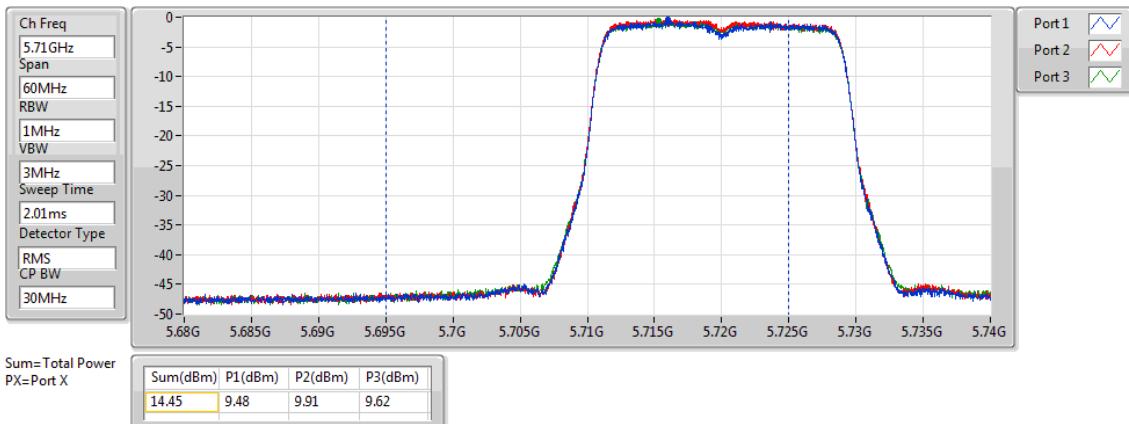
DG = Directional Gain; **Port X** = Port X output power



802.11ac VHT20-BF_Nss1,(MCS0)_3TX

AV Power

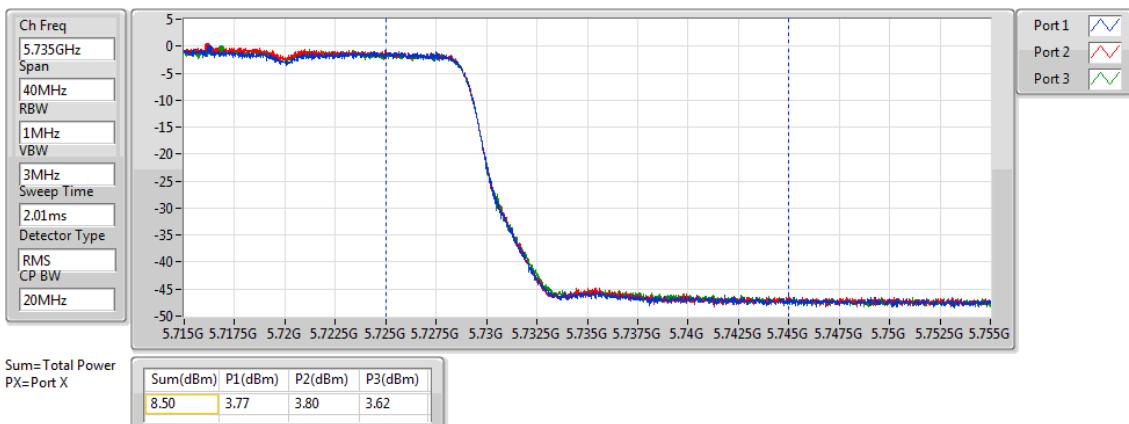
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20-BF_Nss1,(MCS0)_3TX

AV Power

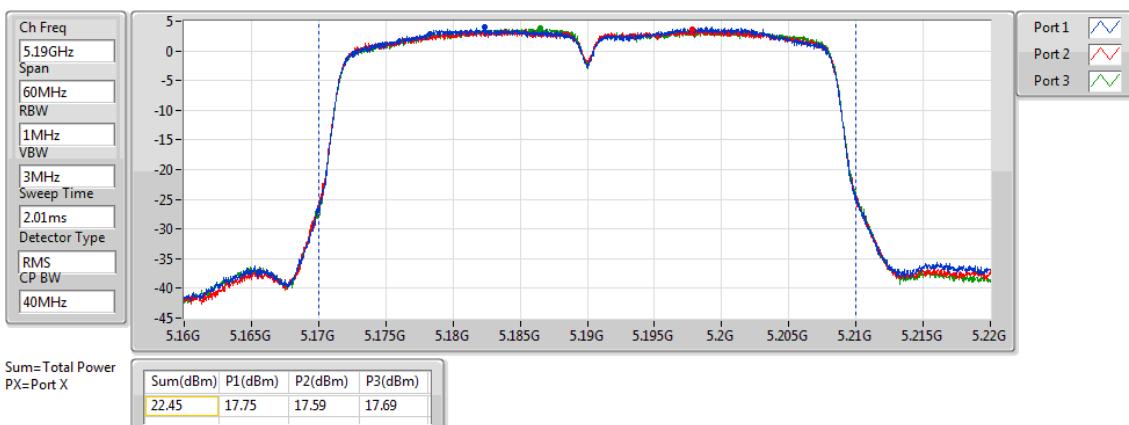
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT40-BF_Nss1,(MCS0)_3TX

AV Power

5190MHz

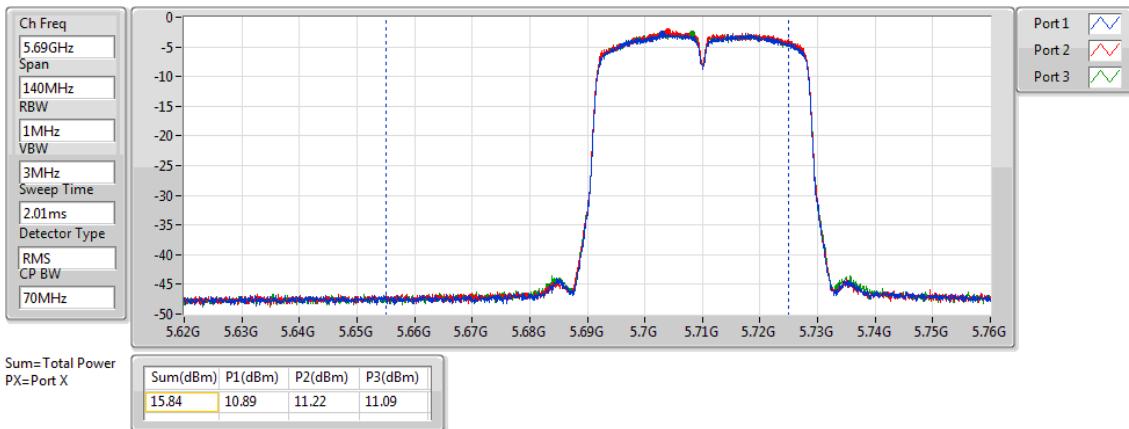




802.11ac VHT40-BF_Nss1,(MCS0)_3TX

AV Power

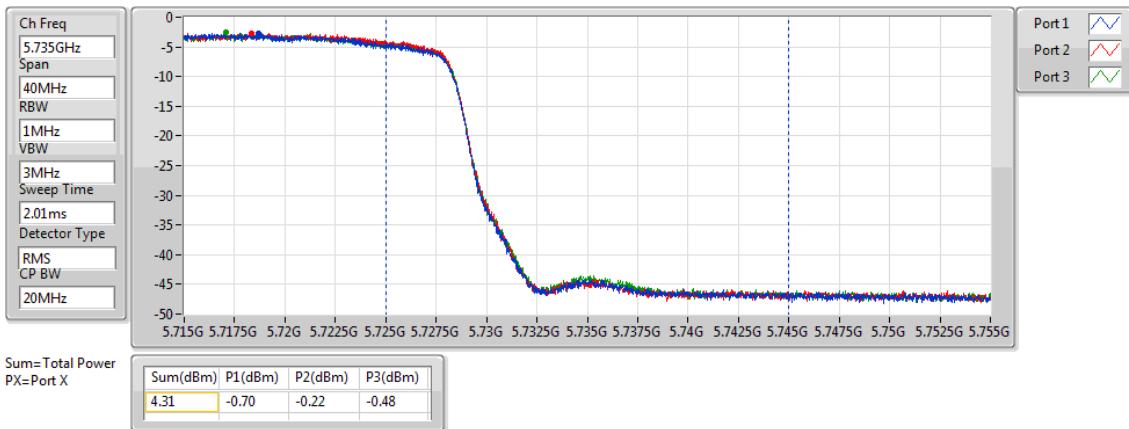
5710MHz Straddle 5.47-5.725GHz



802.11ac VHT40-BF_Nss1,(MCS0)_3TX

AV Power

5710MHz Straddle 5.725-5.85GHz





For Set 4 antennas / 1TX:

Summary

Mode	Total Power (dBm)	Total Power (W)
802.11a_(6Mbps)_1TX	-	-
5.15-5.25GHz	21.35	0.13646
5.25-5.35GHz	21.38	0.13740
5.47-5.725GHz	21.36	0.13677
5.725-5.85GHz	21.06	0.12764
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-
5.15-5.25GHz	21.10	0.12882
5.25-5.35GHz	21.44	0.13932
5.47-5.725GHz	21.36	0.13677
5.725-5.85GHz	21.31	0.13521
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-
5.15-5.25GHz	21.34	0.13614
5.25-5.35GHz	21.04	0.12706
5.47-5.725GHz	21.49	0.14093
5.725-5.85GHz	21.28	0.13428
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-
5.15-5.25GHz	20.61	0.11508
5.25-5.35GHz	16.42	0.04385
5.47-5.725GHz	21.30	0.13490
5.725-5.85GHz	21.42	0.13868



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	5.73	21.22	21.22	30.00
5200MHz	Pass	5.73	21.35	21.35	30.00
5240MHz	Pass	5.73	21.22	21.22	30.00
5260MHz	Pass	5.73	21.15	21.15	24.00
5300MHz	Pass	5.73	21.38	21.38	23.94
5320MHz	Pass	5.73	21.06	21.06	23.95
5500MHz	Pass	5.73	21.36	21.36	23.98
5580MHz	Pass	5.73	21.23	21.23	23.98
5700MHz	Pass	5.73	21.09	21.09	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.73	21.05	21.05	22.96
5720MHz Straddle 5.725-5.85GHz	Pass	5.73	14.66	14.66	30.00
5745MHz	Pass	5.73	21.00	21.00	30.00
5785MHz	Pass	5.73	20.78	20.78	30.00
5825MHz	Pass	5.73	21.06	21.06	30.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	5.73	21.02	21.02	30.00
5200MHz	Pass	5.73	21.10	21.10	30.00
5240MHz	Pass	5.73	20.83	20.83	30.00
5260MHz	Pass	5.73	21.22	21.22	23.98
5300MHz	Pass	5.73	21.44	21.44	23.98
5320MHz	Pass	5.73	21.08	21.08	23.98
5500MHz	Pass	5.73	21.36	21.36	23.98
5580MHz	Pass	5.73	21.11	21.11	23.98
5700MHz	Pass	5.73	21.31	21.31	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.73	20.81	20.81	22.96
5720MHz Straddle 5.725-5.85GHz	Pass	5.73	14.91	14.91	30.00
5745MHz	Pass	5.73	21.31	21.31	30.00
5785MHz	Pass	5.73	21.09	21.09	30.00
5825MHz	Pass	5.73	21.18	21.18	30.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	5.73	21.21	21.21	30.00
5230MHz	Pass	5.73	21.34	21.34	30.00
5270MHz	Pass	5.73	21.04	21.04	23.98
5310MHz	Pass	5.73	19.13	19.13	23.98
5510MHz	Pass	5.73	20.40	20.40	23.98
5550MHz	Pass	5.73	21.49	21.49	23.98
5670MHz	Pass	5.73	21.19	21.19	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.73	21.24	21.24	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.73	9.46	9.46	30.00
5755MHz	Pass	5.73	21.28	21.28	30.00
5795MHz	Pass	5.73	21.20	21.20	30.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-

**FCC Test Report****Report No. : FR760613AC**

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
5210MHz	Pass	5.73	20.61	20.61	30.00
5290MHz	Pass	5.73	16.42	16.42	23.98
5530MHz	Pass	5.73	19.45	19.45	23.98
5610MHz	Pass	5.73	20.90	20.90	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.73	21.30	21.30	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.73	6.51	6.51	30.00
5775MHz	Pass	5.73	21.42	21.42	30.00

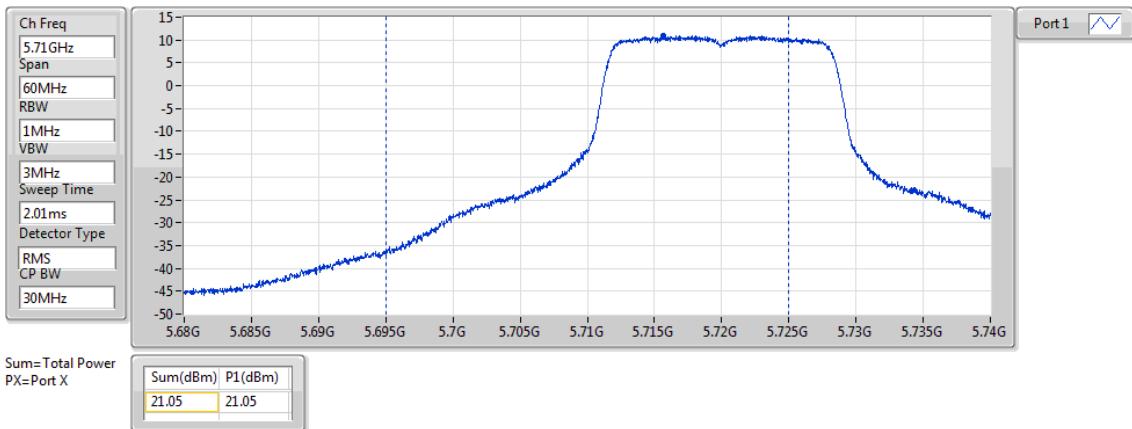
DG = Directional Gain; **Port X** = Port X output power



802.11a_(6Mbps)_1TX

AV Power

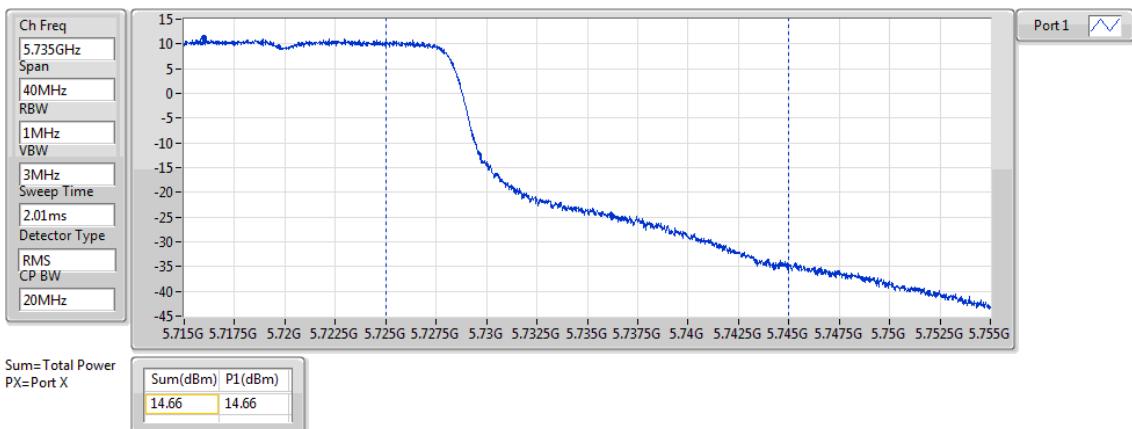
5720MHz Straddle 5.47-5.725GHz



802.11a_(6Mbps)_1TX

AV Power

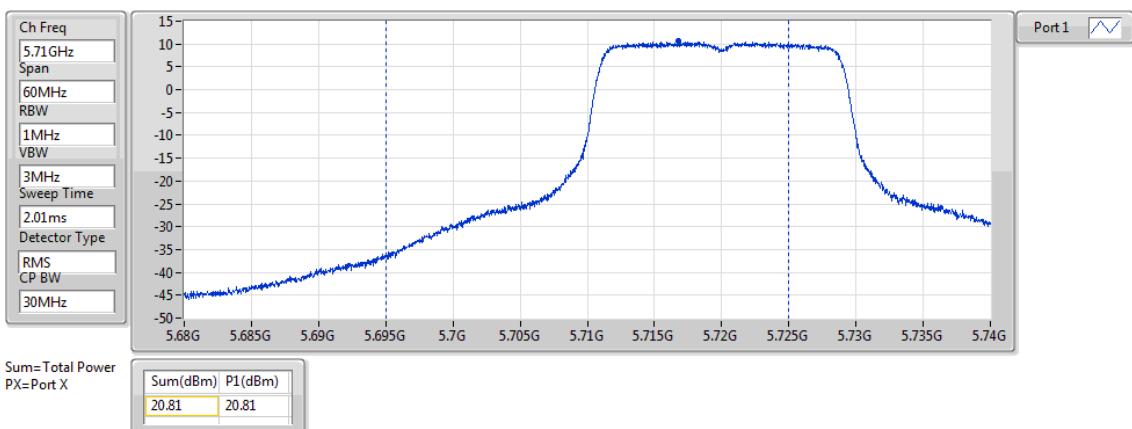
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

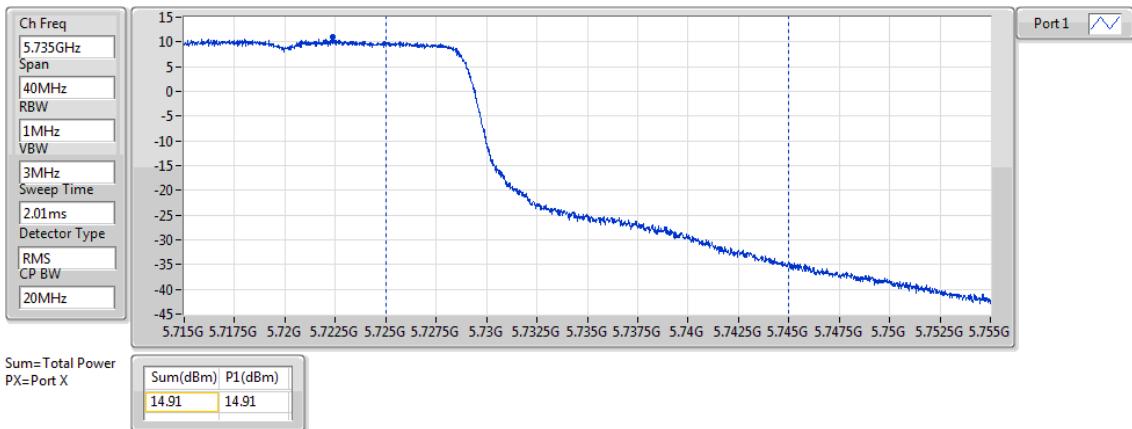
5720MHz Straddle 5.47-5.725GHz





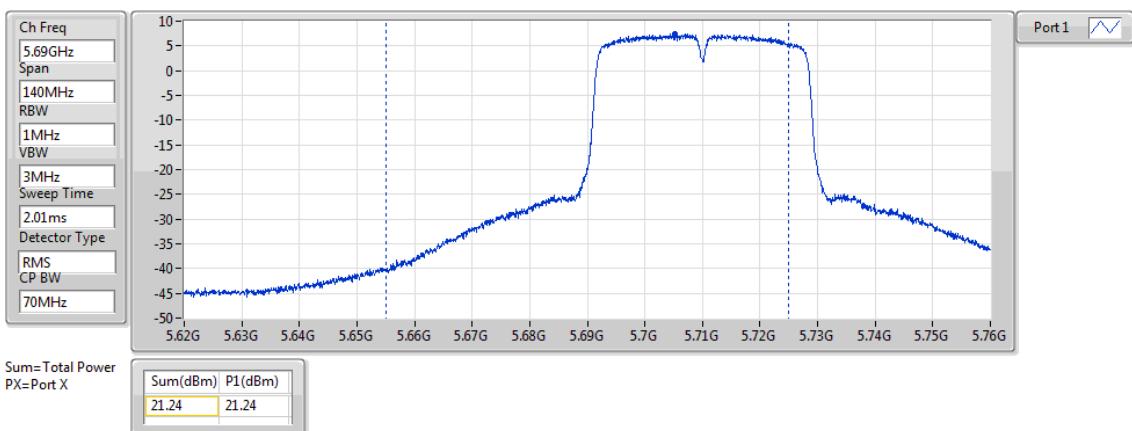
802.11ac VHT20_Nss1,(MCS0)_1TX
5720MHz Straddle 5.725-5.85GHz

AV Power



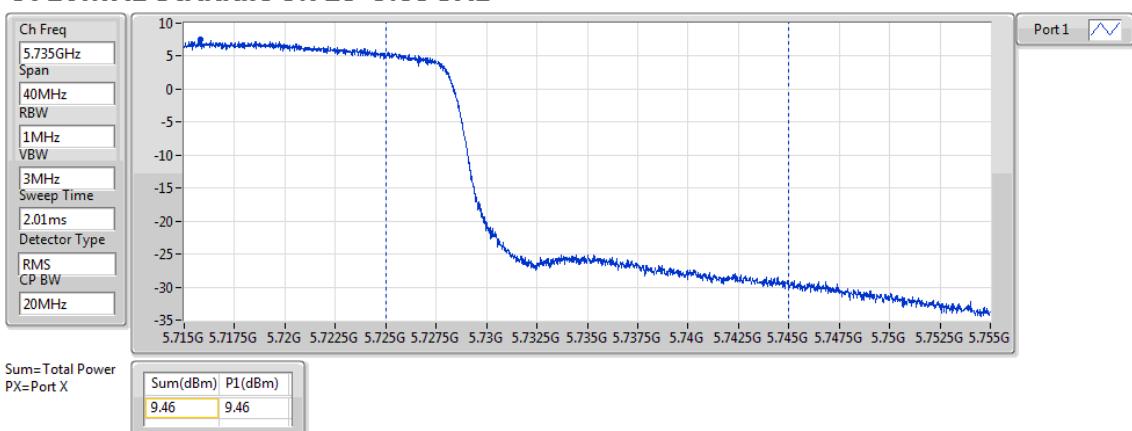
802.11ac VHT40_Nss1,(MCS0)_1TX
5710MHz Straddle 5.47-5.725GHz

AV Power



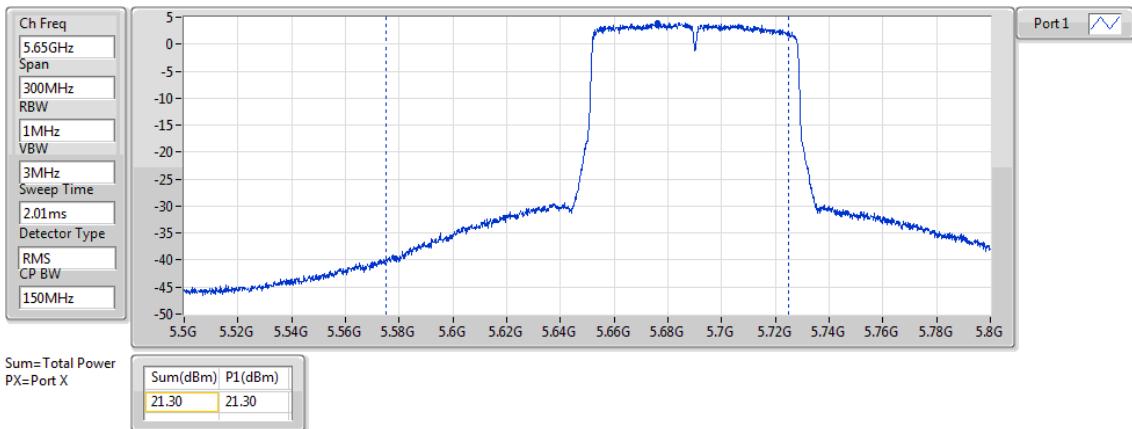
802.11ac VHT40_Nss1,(MCS0)_1TX
5710MHz Straddle 5.725-5.85GHz

AV Power

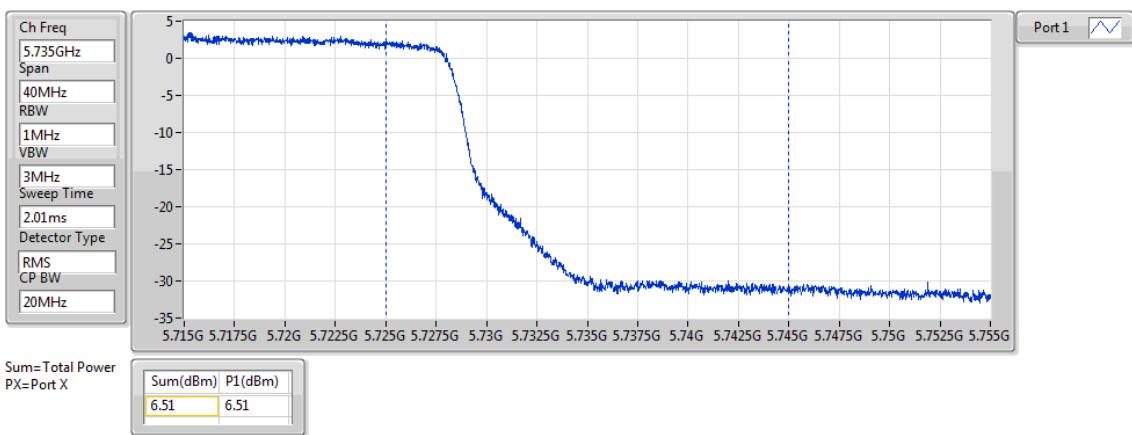




**802.11ac VHT80_Nss1,(MCS0)_1TX
5690MHz Straddle 5.47-5.725GHz**

AV Power

**802.11ac VHT80_Nss1,(MCS0)_1TX
5690MHz Straddle 5.725-5.85GHz**

AV Power



**For Set 4 antennas / 2TX:
<For Non-Beamforming Mode>
Summary**

Mode	Total Power (dBm)	Total Power (W)
802.11a_(6Mbps)_2TX	-	-
5.15-5.25GHz	24.23	0.26485
5.25-5.35GHz	20.19	0.10447
5.47-5.725GHz	20.70	0.11749
5.725-5.85GHz	24.15	0.26002
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	24.32	0.27040
5.25-5.35GHz	20.49	0.11194
5.47-5.725GHz	20.73	0.11830
5.725-5.85GHz	24.34	0.27164
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	24.33	0.27102
5.25-5.35GHz	22.88	0.19409
5.47-5.725GHz	23.56	0.22699
5.725-5.85GHz	24.42	0.27669
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	22.57	0.18072
5.25-5.35GHz	18.40	0.06918
5.47-5.725GHz	23.84	0.24210
5.725-5.85GHz	24.26	0.26669



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.73	20.78	20.99	23.90	30.00
5200MHz	Pass	5.73	20.80	20.59	23.71	30.00
5240MHz	Pass	5.73	21.13	21.30	24.23	30.00
5260MHz	Pass	5.73	16.86	17.31	20.10	23.79
5300MHz	Pass	5.73	17.11	17.24	20.19	23.82
5320MHz	Pass	5.73	17.20	17.01	20.12	23.79
5500MHz	Pass	5.73	17.71	17.68	20.70	23.84
5580MHz	Pass	5.73	17.42	17.59	20.52	23.83
5700MHz	Pass	5.73	17.23	17.30	20.27	23.85
5720MHz Straddle 5.47-5.725GHz	Pass	5.73	16.44	16.32	19.39	22.65
5720MHz Straddle 5.725-5.85GHz	Pass	5.73	10.37	10.31	13.35	30.00
5745MHz	Pass	5.73	21.10	21.10	24.11	30.00
5785MHz	Pass	5.73	20.99	21.29	24.15	30.00
5825MHz	Pass	5.73	21.04	21.21	24.14	30.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.73	21.25	21.36	24.32	30.00
5200MHz	Pass	5.73	21.02	21.14	24.09	30.00
5240MHz	Pass	5.73	21.23	21.25	24.25	30.00
5260MHz	Pass	5.73	17.01	17.49	20.27	23.98
5300MHz	Pass	5.73	16.71	17.36	20.06	23.94
5320MHz	Pass	5.73	17.23	17.72	20.49	23.98
5500MHz	Pass	5.73	17.78	17.65	20.73	23.98
5580MHz	Pass	5.73	17.58	17.62	20.61	23.98
5700MHz	Pass	5.73	17.41	17.24	20.33	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.73	17.16	16.98	20.08	22.79
5720MHz Straddle 5.725-5.85GHz	Pass	5.73	11.55	11.39	14.48	30.00
5745MHz	Pass	5.73	21.28	21.30	24.30	30.00
5785MHz	Pass	5.73	21.12	21.42	24.28	30.00
5825MHz	Pass	5.73	21.29	21.37	24.34	30.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	5.73	18.81	20.03	22.47	30.00
5230MHz	Pass	5.73	21.26	21.37	24.33	30.00
5270MHz	Pass	5.73	19.70	20.04	22.88	23.98
5310MHz	Pass	5.73	16.89	16.81	19.86	23.98
5510MHz	Pass	5.73	19.50	19.24	22.38	23.98
5550MHz	Pass	5.73	20.66	20.44	23.56	23.98
5670MHz	Pass	5.73	19.84	20.45	23.17	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.73	20.33	20.12	23.24	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.73	9.10	8.92	12.02	30.00
5755MHz	Pass	5.73	21.29	21.37	24.34	30.00
5795MHz	Pass	5.73	21.37	21.45	24.42	30.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-

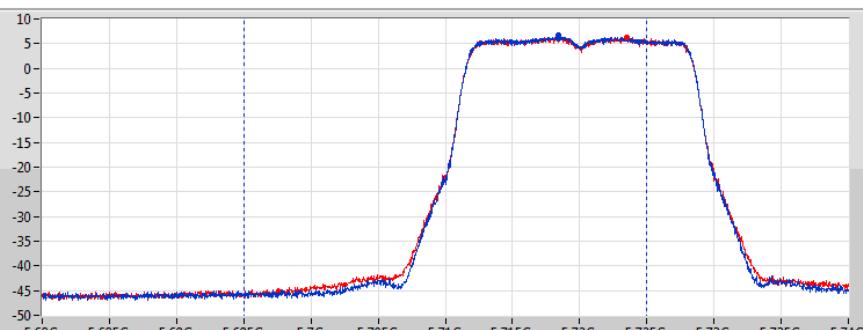
**FCC Test Report****Report No. : FR760613AC**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
5210MHz	Pass	5.73	19.50	19.63	22.57	30.00
5290MHz	Pass	5.73	15.31	15.46	18.40	23.98
5530MHz	Pass	5.73	18.31	18.29	21.31	23.98
5610MHz	Pass	5.73	19.24	19.25	22.26	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.73	20.63	21.02	23.84	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.73	6.58	7.22	9.93	30.00
5775MHz	Pass	5.73	21.17	21.32	24.26	30.00

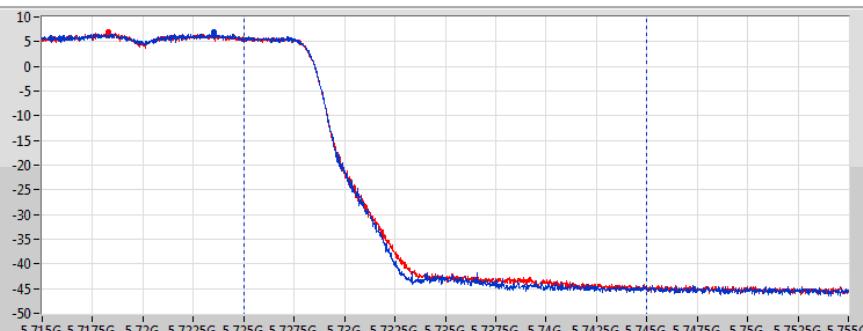
DG = Directional Gain; **Port X** = Port X output power

**802.11a_(6Mbps)_2TX****AV Power****5720MHz Straddle 5.47-5.725GHz**

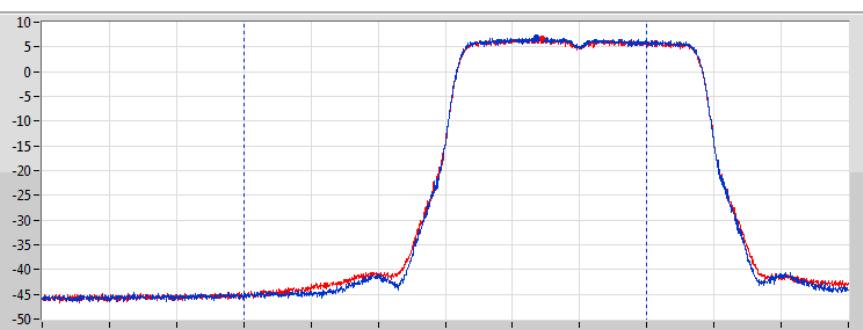
Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
2.01ms
Detector Type
RMS
CP BW
30MHz

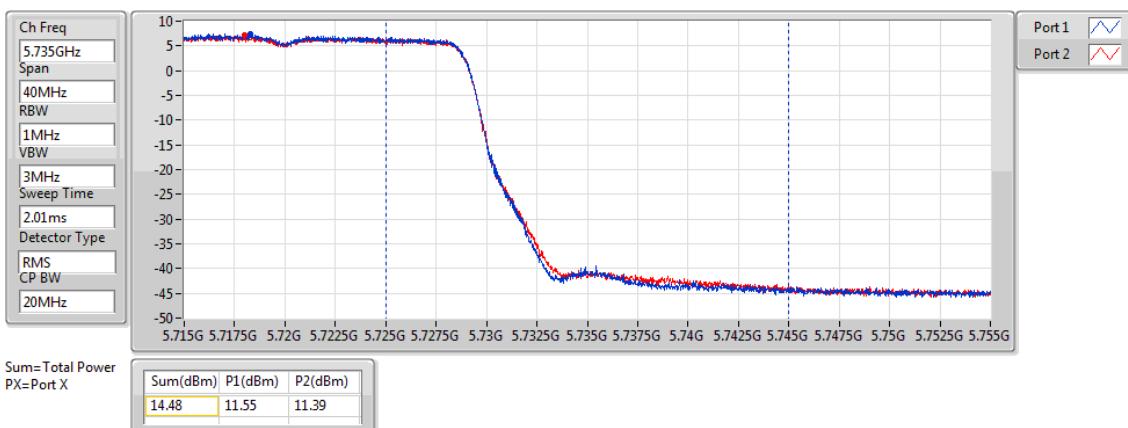
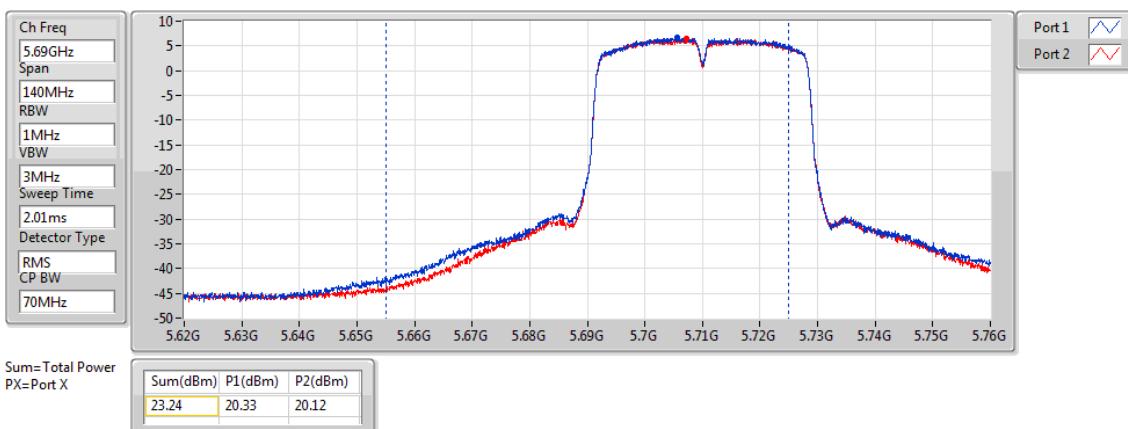
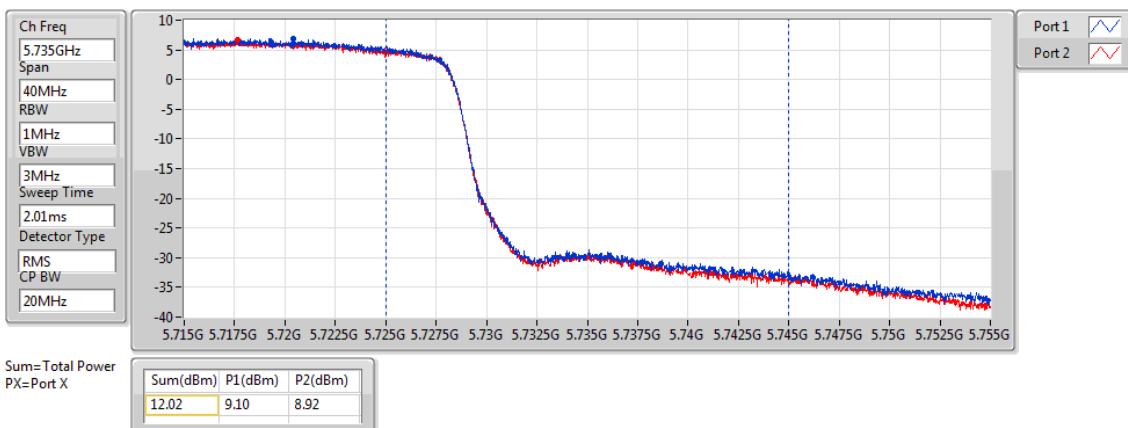
**AV Power****802.11a_(6Mbps)_2TX****5720MHz Straddle 5.725-5.85GHz**

Ch Freq
5.735GHz
Span
40MHz
RBW
1MHz
VBW
3MHz
Sweep Time
2.01ms
Detector Type
RMS
CP BW
20MHz

**802.11ac VHT20_Nss1,(MCS0)_2TX****AV Power****5720MHz Straddle 5.47-5.725GHz**

Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
2.01ms
Detector Type
RMS
CP BW
30MHz



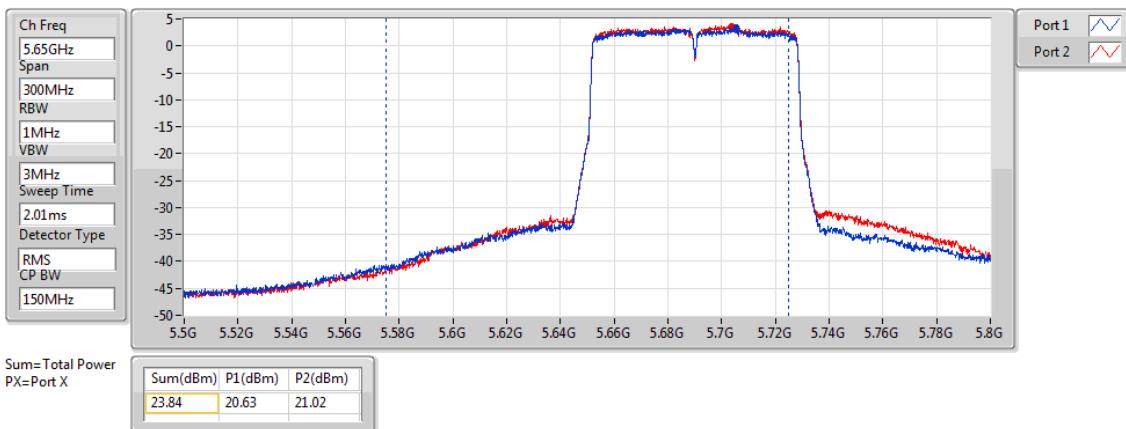
**802.11ac VHT20_Nss1,(MCS0)_2TX****AV Power****5720MHz Straddle 5.725-5.85GHz****802.11ac VHT40_Nss1,(MCS0)_2TX****AV Power****5710MHz Straddle 5.47-5.725GHz****802.11ac VHT40_Nss1,(MCS0)_2TX****AV Power****5710MHz Straddle 5.725-5.85GHz**



802.11ac VHT80_Nss1,(MCS0)_2TX

AV Power

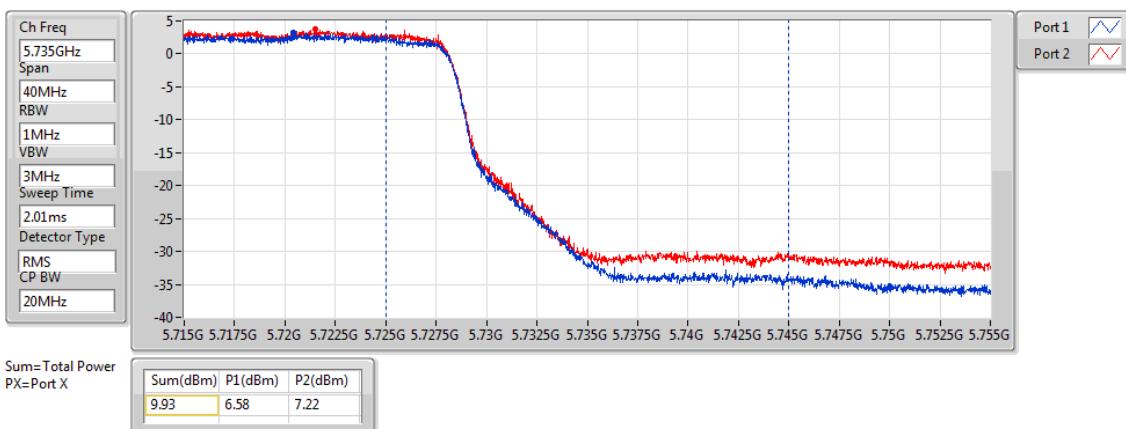
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz





<For Beamforming Mode>

Summary

Mode	Total Power (dBm)	Total Power (W)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	24.07	0.25527
5.25-5.35GHz	20.87	0.12218
5.47-5.725GHz	20.91	0.12331
5.725-5.85GHz	24.25	0.26607
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	24.17	0.26122
5.25-5.35GHz	20.72	0.11803
5.47-5.725GHz	20.66	0.11641
5.725-5.85GHz	24.21	0.26363
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	23.62	0.23014
5.25-5.35GHz	17.79	0.06012
5.47-5.725GHz	20.96	0.12474
5.725-5.85GHz	24.03	0.25293

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	9.00	20.86	20.78	23.83	27.00
5200MHz	Pass	9.00	20.93	20.98	23.97	27.00
5240MHz	Pass	9.00	20.87	21.25	24.07	27.00
5260MHz	Pass	9.00	16.92	17.73	20.35	20.98
5300MHz	Pass	9.00	17.41	18.27	20.87	20.97
5320MHz	Pass	9.00	17.45	17.98	20.73	20.98
5500MHz	Pass	9.00	17.45	17.73	20.60	20.98
5580MHz	Pass	9.00	17.71	17.88	20.81	20.98
5700MHz	Pass	9.00	17.92	17.88	20.91	20.98
5720MHz Straddle 5.47-5.725GHz	Pass	9.00	16.58	16.61	19.61	19.83
5720MHz Straddle 5.725-5.85GHz	Pass	9.00	10.81	10.75	13.79	27.00
5745MHz	Pass	9.00	20.88	21.01	23.96	27.00
5785MHz	Pass	9.00	20.94	20.92	23.94	27.00
5825MHz	Pass	9.00	21.08	21.40	24.25	27.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	9.00	21.07	21.19	24.14	27.00
5230MHz	Pass	9.00	21.18	21.13	24.17	27.00
5270MHz	Pass	9.00	17.53	17.88	20.72	20.98
5310MHz	Pass	9.00	16.24	16.22	19.24	20.98
5510MHz	Pass	9.00	17.60	17.69	20.66	20.98
5550MHz	Pass	9.00	17.51	17.57	20.55	20.98
5670MHz	Pass	9.00	17.23	17.94	20.61	20.98
5710MHz Straddle 5.47-5.725GHz	Pass	9.00	17.51	17.52	20.53	20.98
5710MHz Straddle 5.725-5.85GHz	Pass	9.00	6.24	6.20	9.23	27.00
5755MHz	Pass	9.00	20.96	21.08	24.03	27.00
5795MHz	Pass	9.00	21.22	21.18	24.21	27.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	9.00	20.58	20.64	23.62	27.00
5290MHz	Pass	9.00	14.63	14.93	17.79	20.98
5530MHz	Pass	9.00	17.88	18.02	20.96	20.98
5610MHz	Pass	9.00	17.92	17.95	20.95	20.98
5690MHz Straddle 5.47-5.725GHz	Pass	9.00	17.35	17.85	20.62	20.98
5690MHz Straddle 5.725-5.85GHz	Pass	9.00	3.47	3.79	6.64	27.00
5775MHz	Pass	9.00	20.92	21.12	24.03	27.00

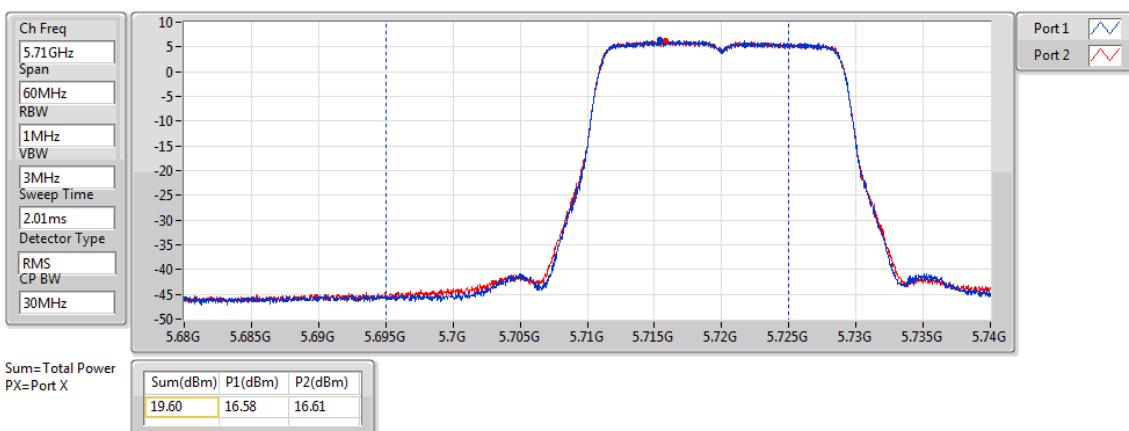
DG = Directional Gain; **Port X** = Port X output power



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

AV Power

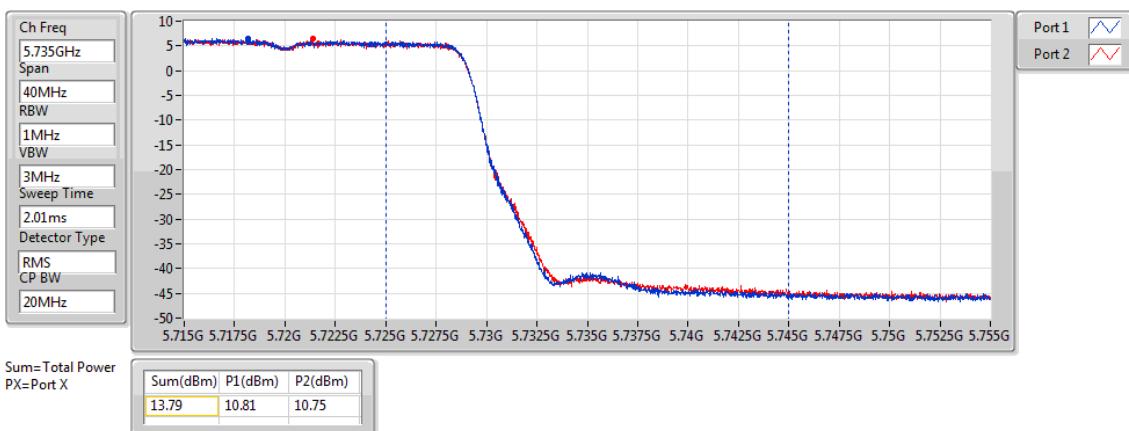
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

AV Power

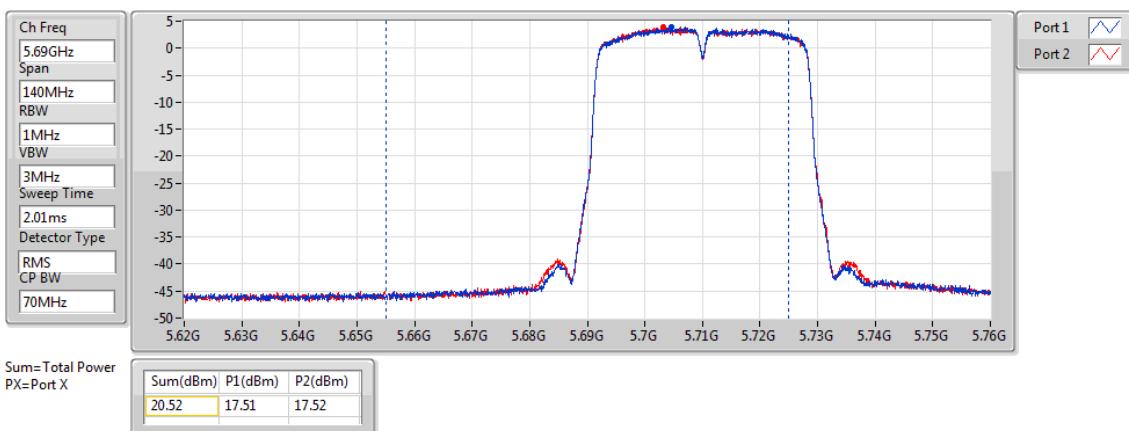
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

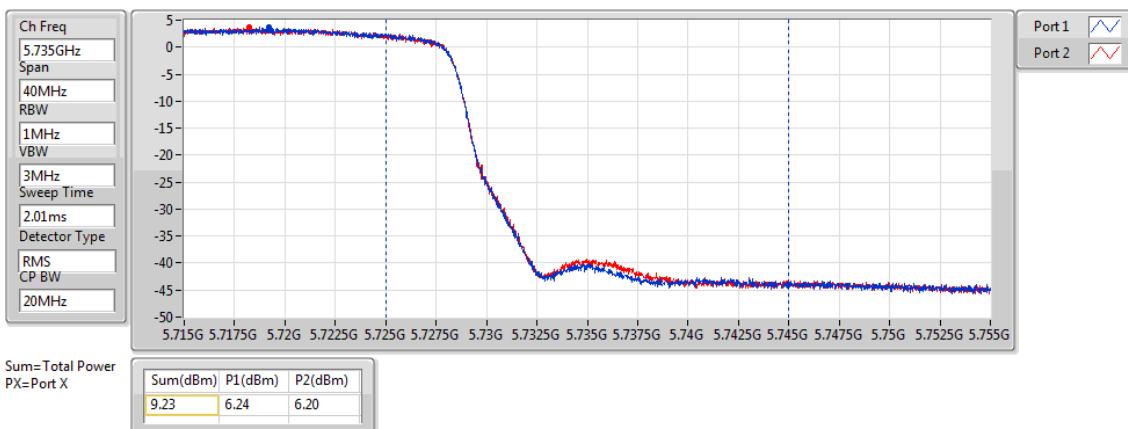




802.11ac VHT40-BF_Nss1,(MCS0)_2TX

AV Power

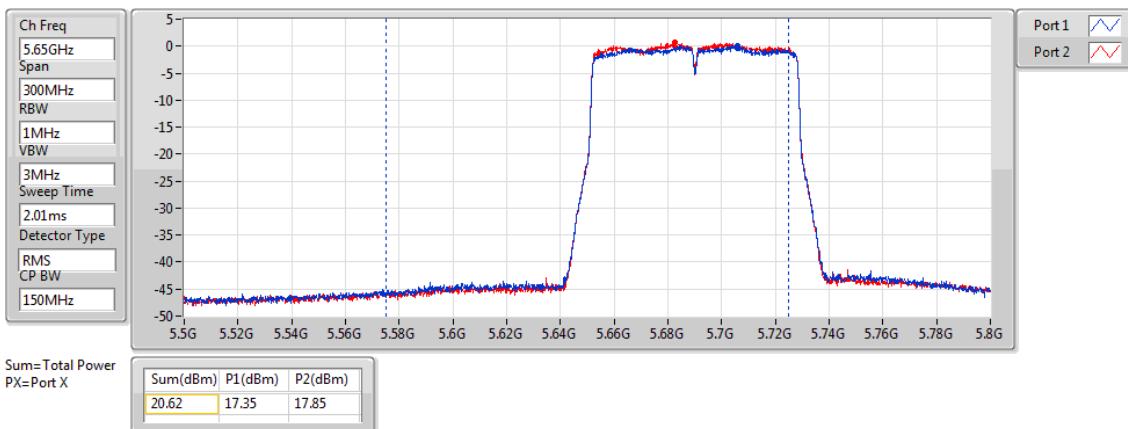
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

AV Power

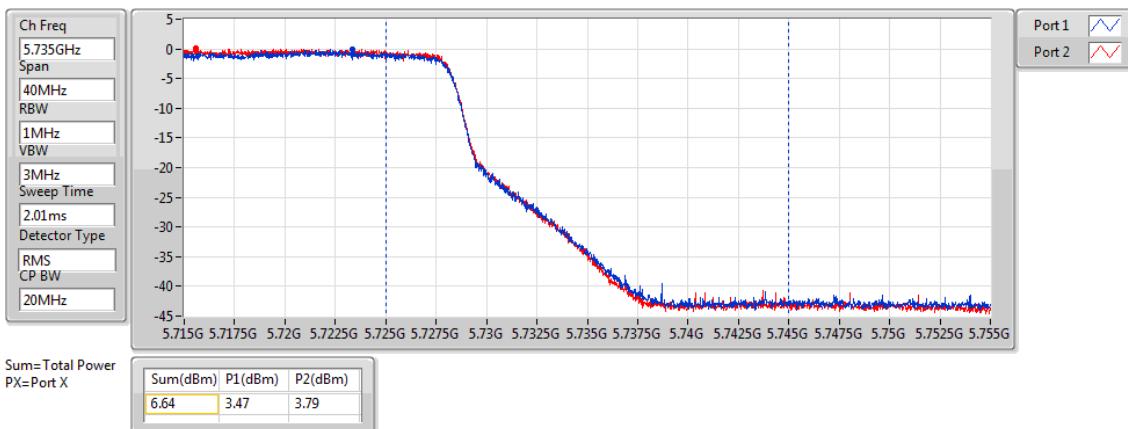
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz





For Set 4 antennas / 3TX:
<For Non-Beamforming Mode>
Summary

Mode	Total Power (dBm)	Total Power (W)
802.11a_(6Mbps)_3TX	-	-
5.15-5.25GHz	25.37	0.34435
5.25-5.35GHz	19.40	0.08710
5.47-5.725GHz	19.44	0.08790
5.725-5.85GHz	25.72	0.37325
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	25.61	0.36392
5.25-5.35GHz	19.88	0.09727
5.47-5.725GHz	19.82	0.09594
5.725-5.85GHz	25.98	0.39628
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	25.68	0.36983
5.25-5.35GHz	22.10	0.16218
5.47-5.725GHz	22.39	0.17338
5.725-5.85GHz	25.91	0.38994
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	23.92	0.24660
5.25-5.35GHz	18.54	0.07145
5.47-5.725GHz	23.69	0.23388
5.725-5.85GHz	25.70	0.37154



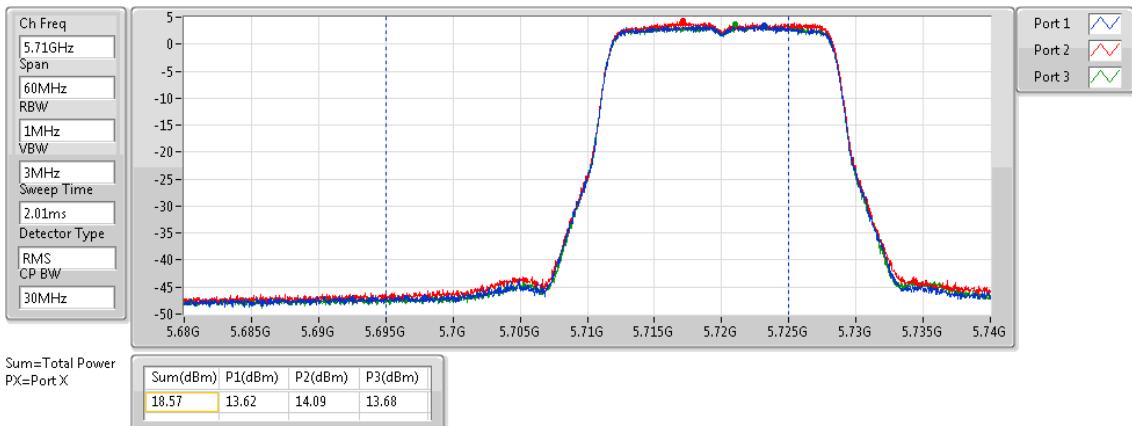
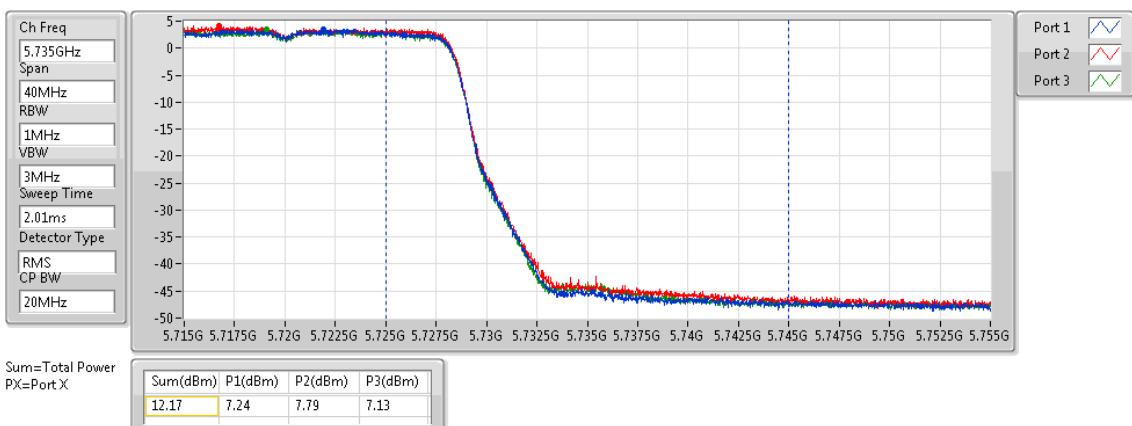
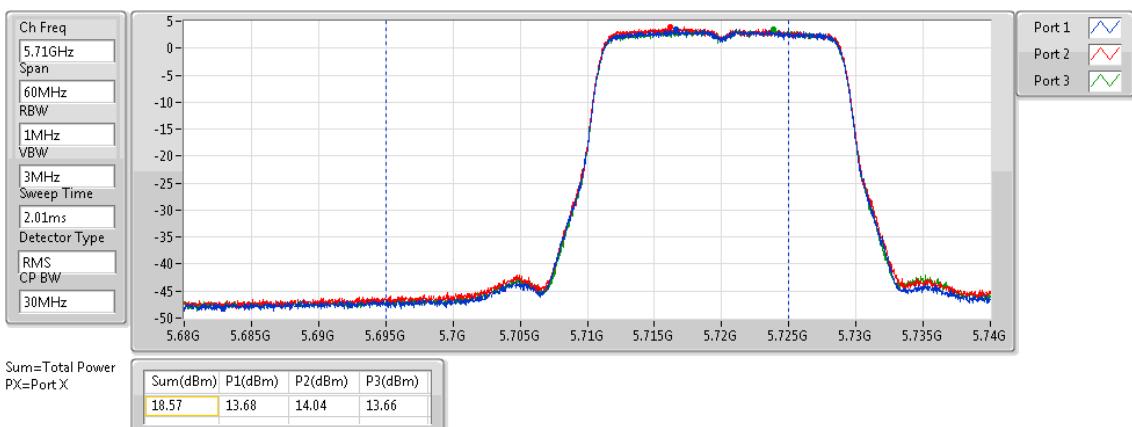
Result

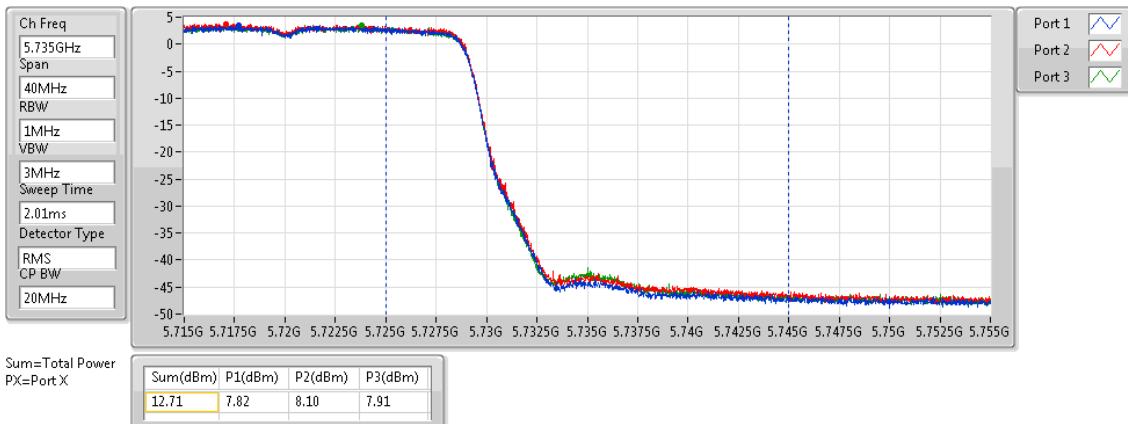
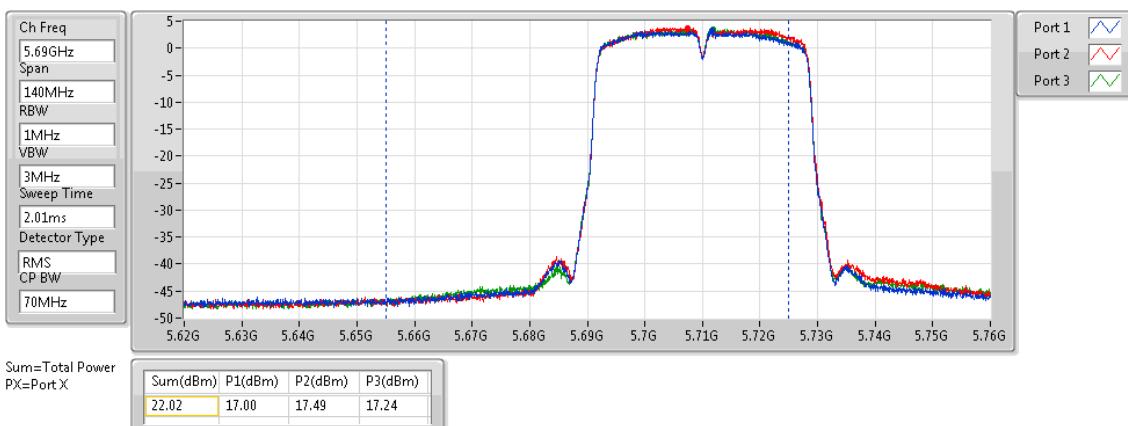
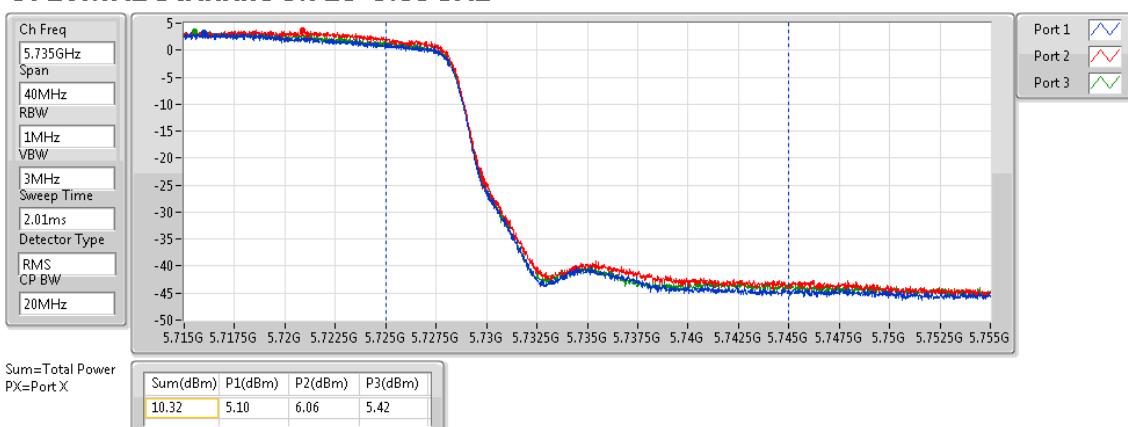
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_(6Mbps)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	5.73	20.54	20.68	20.55	25.36	30.00
5200MHz	Pass	5.73	20.54	20.72	20.52	25.37	30.00
5240MHz	Pass	5.73	20.58	20.60	20.53	25.34	30.00
5260MHz	Pass	5.73	14.55	14.47	14.87	19.40	23.79
5300MHz	Pass	5.73	14.59	14.48	14.70	19.36	23.78
5320MHz	Pass	5.73	14.50	14.44	14.04	19.10	23.80
5500MHz	Pass	5.73	14.41	14.92	14.48	19.38	23.80
5580MHz	Pass	5.73	14.76	14.79	14.45	19.44	23.83
5700MHz	Pass	5.73	14.33	14.84	14.44	19.31	23.80
5720MHz Straddle 5.47-5.725GHz	Pass	5.73	13.62	14.09	13.68	18.57	22.61
5720MHz Straddle 5.725-5.85GHz	Pass	5.73	7.24	7.79	7.13	12.17	30.00
5745MHz	Pass	5.73	20.82	21.12	20.79	25.68	30.00
5785MHz	Pass	5.73	20.71	20.93	20.81	25.59	30.00
5825MHz	Pass	5.73	20.95	21.02	20.86	25.72	30.00
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	5.73	20.84	20.87	20.80	25.61	30.00
5200MHz	Pass	5.73	20.81	20.89	20.78	25.60	30.00
5240MHz	Pass	5.73	20.92	20.79	20.66	25.56	30.00
5260MHz	Pass	5.73	14.83	14.83	14.91	19.63	23.98
5300MHz	Pass	5.73	14.98	14.71	14.90	19.64	23.96
5320MHz	Pass	5.73	15.10	15.33	14.88	19.88	23.98
5500MHz	Pass	5.73	15.03	15.10	15.03	19.82	23.98
5580MHz	Pass	5.73	14.91	14.95	14.68	19.62	23.98
5700MHz	Pass	5.73	14.58	14.98	14.65	19.51	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.73	13.68	14.04	13.66	18.57	22.77
5720MHz Straddle 5.725-5.85GHz	Pass	5.73	7.82	8.10	7.91	12.72	30.00
5745MHz	Pass	5.73	21.17	21.30	21.13	25.97	30.00
5785MHz	Pass	5.73	20.89	21.12	21.23	25.85	30.00
5825MHz	Pass	5.73	21.20	21.36	21.06	25.98	30.00
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5190MHz	Pass	5.73	20.78	20.98	20.88	25.65	30.00
5230MHz	Pass	5.73	21.10	20.95	20.68	25.68	30.00
5270MHz	Pass	5.73	17.25	17.20	17.53	22.10	23.98
5310MHz	Pass	5.73	17.39	17.18	17.27	22.05	23.98
5510MHz	Pass	5.73	17.47	17.82	17.45	22.35	23.98
5550MHz	Pass	5.73	17.53	17.72	17.59	22.39	23.98
5670MHz	Pass	5.73	17.20	17.67	17.61	22.27	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.73	17.00	17.49	17.24	22.02	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.73	5.10	6.06	5.42	10.32	30.00
5755MHz	Pass	5.73	21.14	21.46	20.80	25.91	30.00
5795MHz	Pass	5.73	21.10	21.17	20.96	25.85	30.00
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-

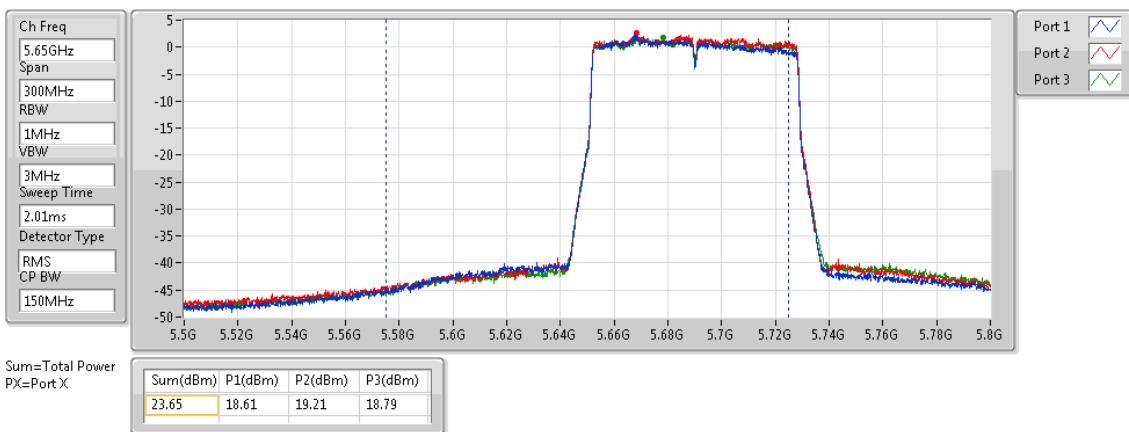
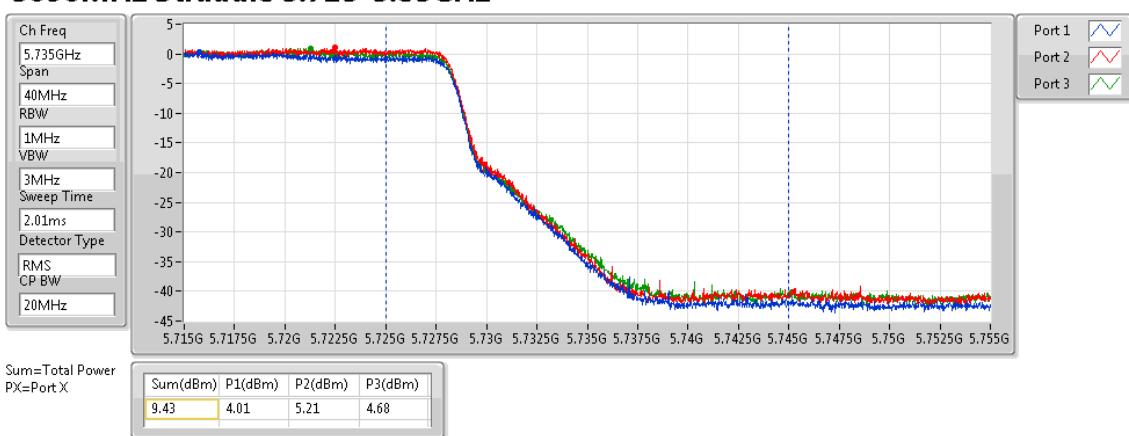
**FCC Test Report****Report No. : FR760613AC**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)
5210MHz	Pass	5.73	19.24	19.31	18.89	23.92	30.00
5290MHz	Pass	5.73	13.89	13.78	13.64	18.54	23.98
5530MHz	Pass	5.73	17.26	17.69	17.22	22.17	23.98
5610MHz	Pass	5.73	18.79	19.17	18.77	23.69	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.73	18.61	19.21	18.79	23.65	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.73	4.01	5.21	4.68	9.43	30.00
5775MHz	Pass	5.73	20.81	21.01	20.95	25.70	30.00

DG = Directional Gain; **Port X** = Port X output power

**802.11a_(6Mbps)_3TX****AV Power****5720MHz Straddle 5.47-5.725GHz****802.11a_(6Mbps)_3TX****AV Power****5720MHz Straddle 5.725-5.85GHz****802.11ac VHT20_Nss1,(MCS0)_3TX****AV Power****5720MHz Straddle 5.47-5.725GHz**

**802.11ac VHT20_Nss1,(MCS0)_3TX
5720MHz Straddle 5.725-5.85GHz****AV Power****802.11ac VHT40_Nss1,(MCS0)_3TX
5710MHz Straddle 5.47-5.725GHz****AV Power****802.11ac VHT40_Nss1,(MCS0)_3TX
5710MHz Straddle 5.725-5.85GHz****AV Power**

**802.11ac VHT80_Nss1,(MCS0)_3TX
5690MHz Straddle 5.47-5.725GHz****AV Power****802.11ac VHT80_Nss1,(MCS0)_3TX
5690MHz Straddle 5.725-5.85GHz****AV Power**



<For Beamforming Mode>

Summary

Mode	Total Power (dBm)	Total Power (W)
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	25.47	0.35237
5.25-5.35GHz	19.65	0.09226
5.47-5.725GHz	19.39	0.08690
5.725-5.85GHz	25.56	0.35975
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	25.54	0.35810
5.25-5.35GHz	19.62	0.09162
5.47-5.725GHz	19.57	0.09057
5.725-5.85GHz	25.51	0.35563
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	24.15	0.26002
5.25-5.35GHz	19.35	0.08610
5.47-5.725GHz	19.58	0.09078
5.725-5.85GHz	25.61	0.36392



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	10.30	20.37	20.57	20.27	25.18	25.70
5200MHz	Pass	10.30	21.00	20.08	20.96	25.47	25.70
5240MHz	Pass	10.30	20.94	20.37	20.33	25.33	25.70
5260MHz	Pass	10.30	15.21	14.17	14.86	19.54	19.68
5300MHz	Pass	10.30	15.13	14.63	14.44	19.51	19.68
5320MHz	Pass	10.30	15.18	14.65	14.78	19.65	19.68
5500MHz	Pass	10.30	14.98	14.50	14.36	19.39	19.68
5580MHz	Pass	10.30	14.54	14.19	14.61	19.22	19.68
5700MHz	Pass	10.30	14.89	14.45	14.38	19.35	19.68
5720MHz Straddle 5.47-5.725GHz	Pass	10.30	13.91	13.34	14.37	18.66	18.68
5720MHz Straddle 5.725-5.85GHz	Pass	10.30	13.98	15.18	13.80	19.14	25.70
5745MHz	Pass	10.30	20.35	20.75	20.95	25.46	25.70
5785MHz	Pass	10.30	20.74	20.55	20.97	25.53	25.70
5825MHz	Pass	10.30	20.51	20.72	21.11	25.56	25.70
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5190MHz	Pass	10.30	19.93	19.95	19.41	24.54	25.70
5230MHz	Pass	10.30	20.84	20.44	21.00	25.54	25.70
5270MHz	Pass	10.30	14.57	14.8	15.16	19.62	19.68
5310MHz	Pass	10.30	14.85	14.45	15.06	19.57	19.68
5510MHz	Pass	10.30	15.02	14.83	14.27	19.49	19.68
5550MHz	Pass	10.30	14.79	14.93	14.68	19.57	19.68
5670MHz	Pass	10.30	14.23	14.02	13.46	18.69	19.68
5710MHz Straddle 5.47-5.725GHz	Pass	10.30	14.96	14.89	14.33	19.51	19.68
5710MHz Straddle 5.725-5.85GHz	Pass	10.30	3.53	3.73	2.43	8.04	25.70
5755MHz	Pass	10.30	20.74	20.96	20.51	25.51	25.70
5795MHz	Pass	10.30	20.14	20.99	20.39	25.29	25.70
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5210MHz	Pass	10.30	19.50	19.33	19.29	24.15	25.70
5290MHz	Pass	10.30	14.29	14.48	14.94	19.35	19.68
5530MHz	Pass	10.30	14.69	14.33	14.22	19.19	19.68
5610MHz	Pass	10.30	14.53	14.70	14.64	19.40	19.68
5690MHz Straddle 5.47-5.725GHz	Pass	10.30	14.71	14.73	14.99	19.58	19.68
5690MHz Straddle 5.725-5.85GHz	Pass	10.30	0.24	0.96	0.89	5.48	25.70
5775MHz	Pass	10.30	20.55	20.94	21.00	25.61	25.70

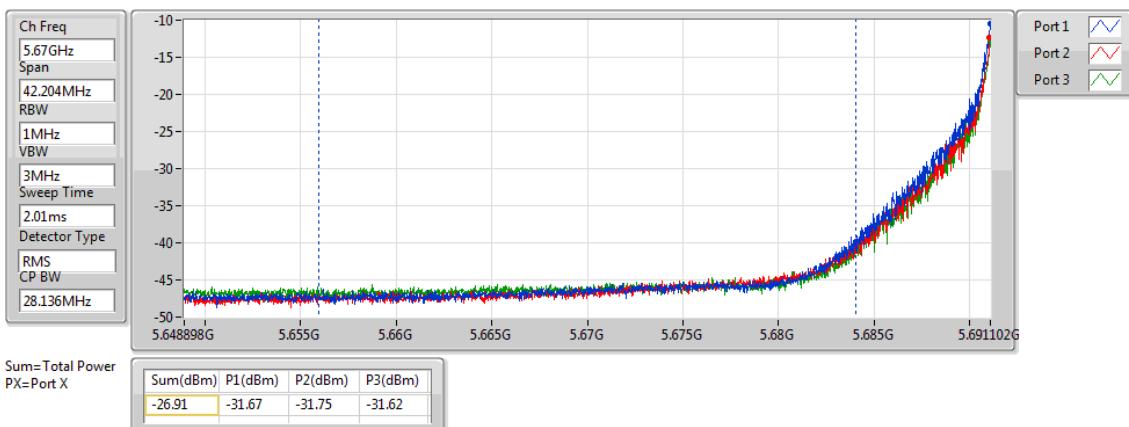
DG = Directional Gain; **Port X** = Port X output power



802.11ac VHT40-BF_Nss1,(MCS0)_3TX

AV Power

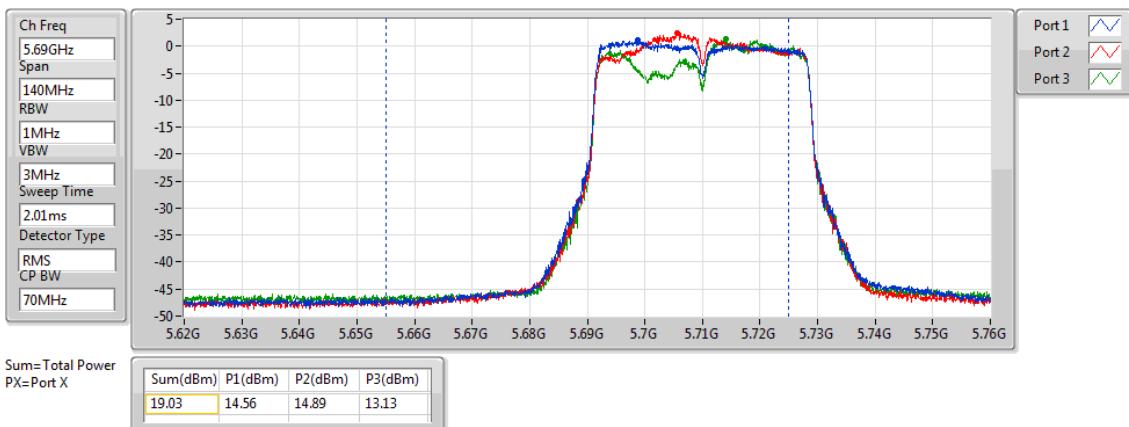
5670MHz



802.11ac VHT40-BF_Nss1,(MCS0)_3TX

AV Power

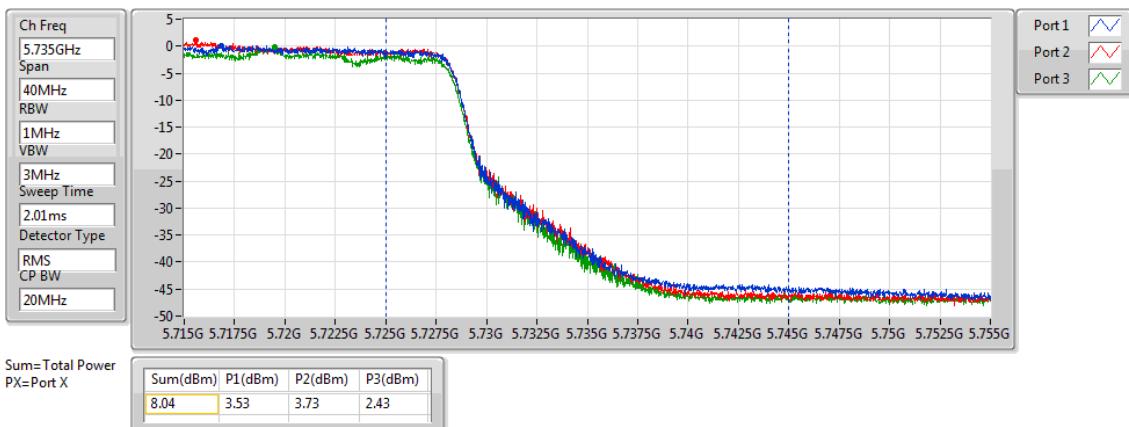
5710MHz Straddle 5.47-5.725GHz



802.11ac VHT40-BF_Nss1,(MCS0)_3TX

AV Power

5710MHz Straddle 5.725-5.85GHz

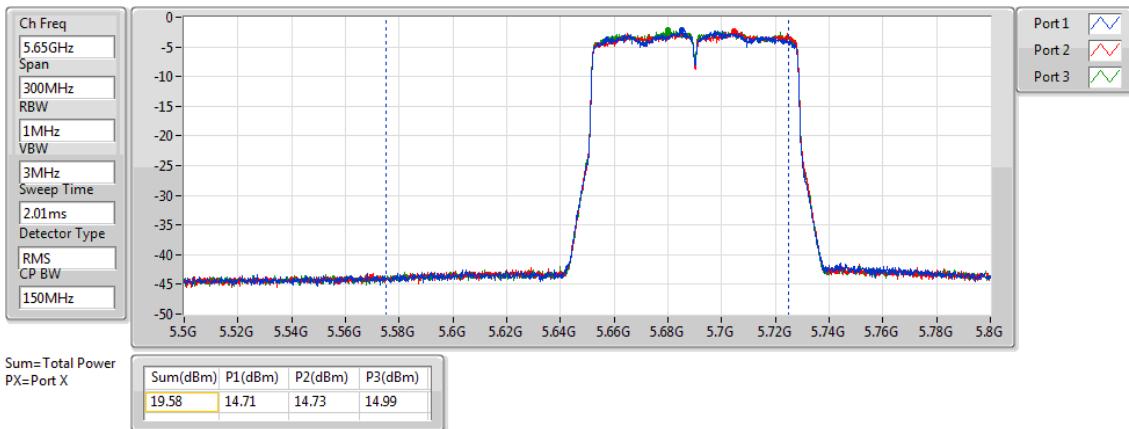




802.11ac VHT80-BF_Nss1,(MCS0)_3TX

AV Power

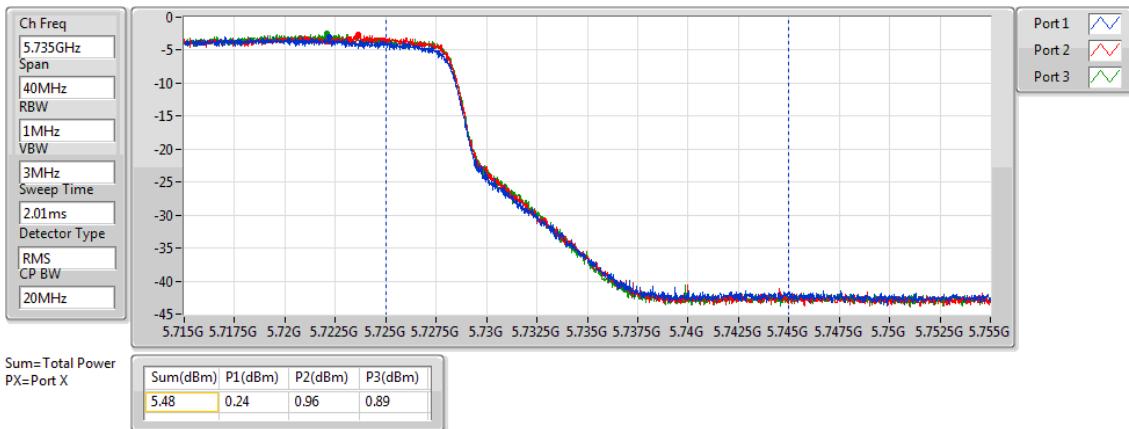
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80-BF_Nss1,(MCS0)_3TX

AV Power

5690MHz Straddle 5.725-5.85GHz





For Set 5 antennas / 1TX:

Summary

Mode	Total Power (dBm)	Total Power (W)
802.11a_(6Mbps)_1TX	-	-
5.15-5.25GHz	21.06	0.12764
5.25-5.35GHz	21.23	0.13274
5.47-5.725GHz	21.32	0.13552
5.725-5.85GHz	20.88	0.12246
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-
5.15-5.25GHz	21.20	0.13183
5.25-5.35GHz	21.49	0.14093
5.47-5.725GHz	21.44	0.13932
5.725-5.85GHz	21.11	0.12912
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-
5.15-5.25GHz	21.06	0.12764
5.25-5.35GHz	20.98	0.12531
5.47-5.725GHz	21.44	0.13932
5.725-5.85GHz	21.20	0.13183
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-
5.15-5.25GHz	20.14	0.10328
5.25-5.35GHz	17.12	0.05152
5.47-5.725GHz	21.33	0.13583
5.725-5.85GHz	21.14	0.13002



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	4.20	20.95	20.95	30.00
5200MHz	Pass	4.20	21.06	21.06	30.00
5240MHz	Pass	4.20	20.91	20.91	30.00
5260MHz	Pass	4.20	21.04	21.04	23.94
5300MHz	Pass	4.20	21.23	21.23	23.98
5320MHz	Pass	4.20	21.09	21.09	23.97
5500MHz	Pass	4.20	21.26	21.26	23.97
5580MHz	Pass	4.20	21.32	21.32	23.97
5700MHz	Pass	4.20	21.06	21.06	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.20	20.85	20.85	23.09
5720MHz Straddle 5.725-5.85GHz	Pass	4.20	15.07	15.07	30.00
5745MHz	Pass	4.20	20.88	20.88	30.00
5785MHz	Pass	4.20	20.77	20.77	30.00
5825MHz	Pass	4.20	20.88	20.88	30.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	4.20	21.19	21.19	30.00
5200MHz	Pass	4.20	21.20	21.20	30.00
5240MHz	Pass	4.20	21.17	21.17	30.00
5260MHz	Pass	4.20	21.30	21.30	23.98
5300MHz	Pass	4.20	21.49	21.49	23.98
5320MHz	Pass	4.20	21.32	21.32	23.98
5500MHz	Pass	4.20	21.43	21.43	23.98
5580MHz	Pass	4.20	21.44	21.44	23.98
5700MHz	Pass	4.20	21.22	21.22	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.20	21.00	21.00	23.12
5720MHz Straddle 5.725-5.85GHz	Pass	4.20	15.23	15.23	30.00
5745MHz	Pass	4.20	21.11	21.11	30.00
5785MHz	Pass	4.20	20.95	20.95	30.00
5825MHz	Pass	4.20	20.99	20.99	30.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	4.20	19.47	19.47	30.00
5230MHz	Pass	4.20	21.06	21.06	30.00
5270MHz	Pass	4.20	20.98	20.98	23.98
5310MHz	Pass	4.20	18.02	18.02	23.98
5510MHz	Pass	4.20	20.03	20.03	23.98
5550MHz	Pass	4.20	21.12	21.12	23.98
5670MHz	Pass	4.20	20.01	20.01	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	4.20	21.44	21.44	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	4.20	9.93	9.93	30.00
5755MHz	Pass	4.20	21.20	21.20	30.00
5795MHz	Pass	4.20	20.76	20.76	30.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-

**FCC Test Report****Report No. : FR760613AC**

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
5210MHz	Pass	4.20	20.14	20.14	30.00
5290MHz	Pass	4.20	17.12	17.12	23.98
5530MHz	Pass	4.20	20.17	20.17	23.98
5610MHz	Pass	4.20	21.33	21.33	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	4.20	21.22	21.22	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	4.20	5.89	5.89	30.00
5775MHz	Pass	4.20	21.14	21.14	30.00

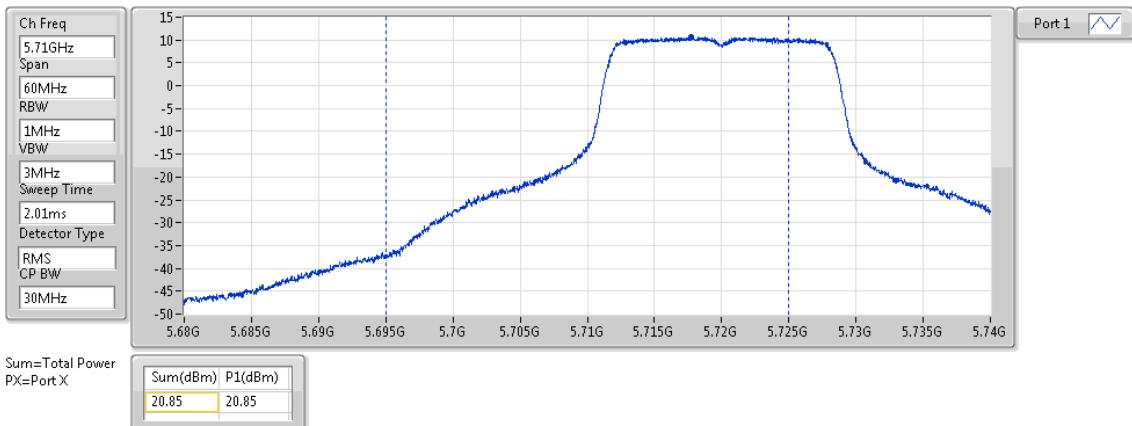
DG = Directional Gain; **Port X** = Port X output power



802.11a_(6Mbps)_1TX

AV Power

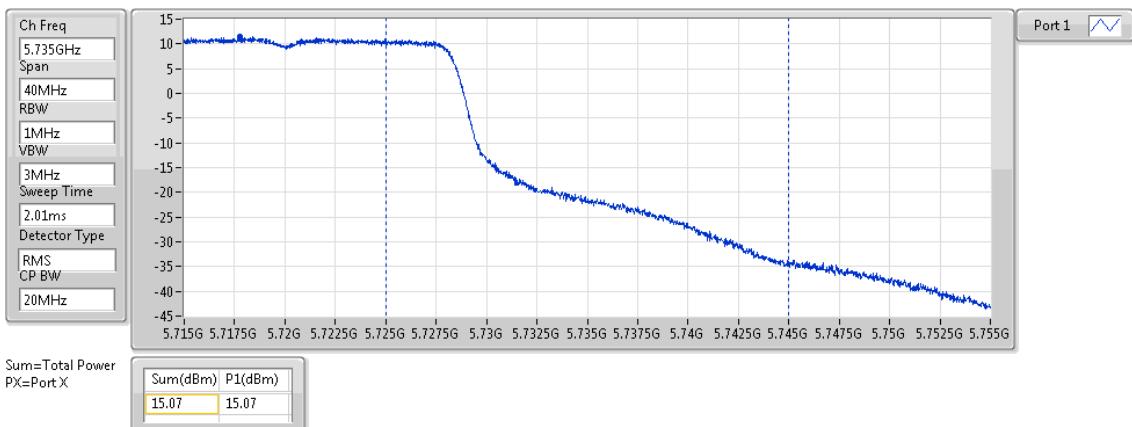
5720MHz Straddle 5.47-5.725GHz



802.11a_(6Mbps)_1TX

AV Power

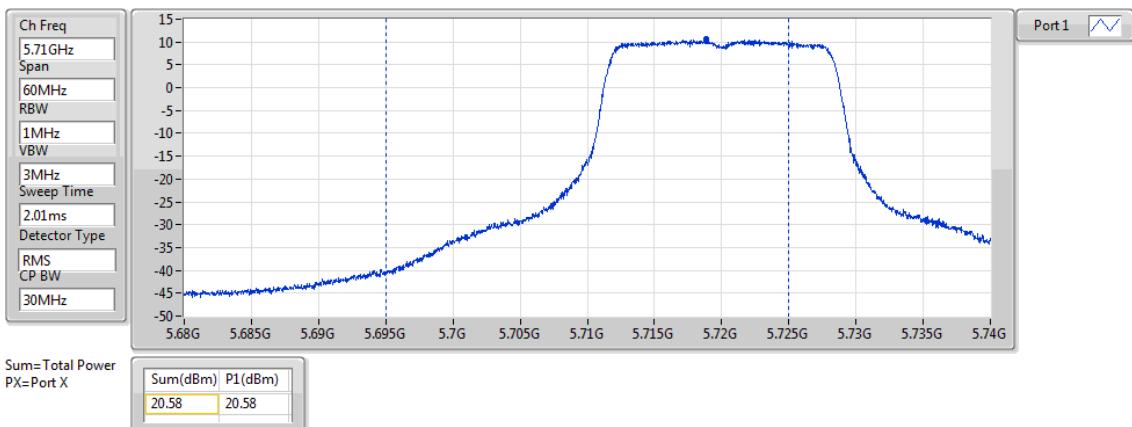
5720MHz Straddle 5.725-5.85GHz

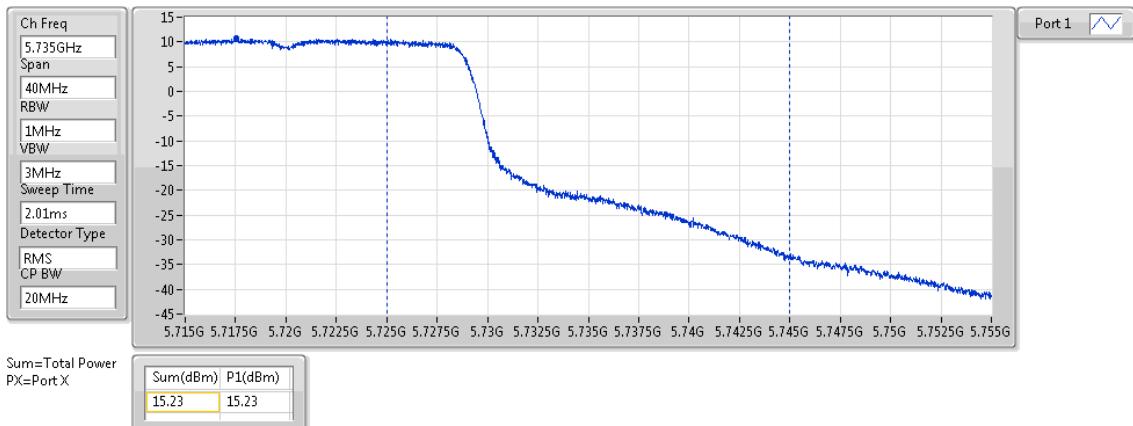
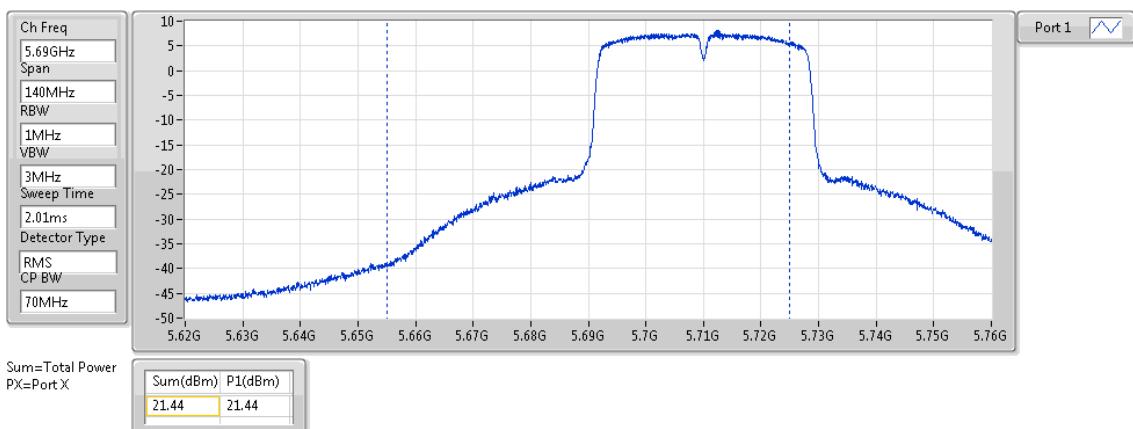
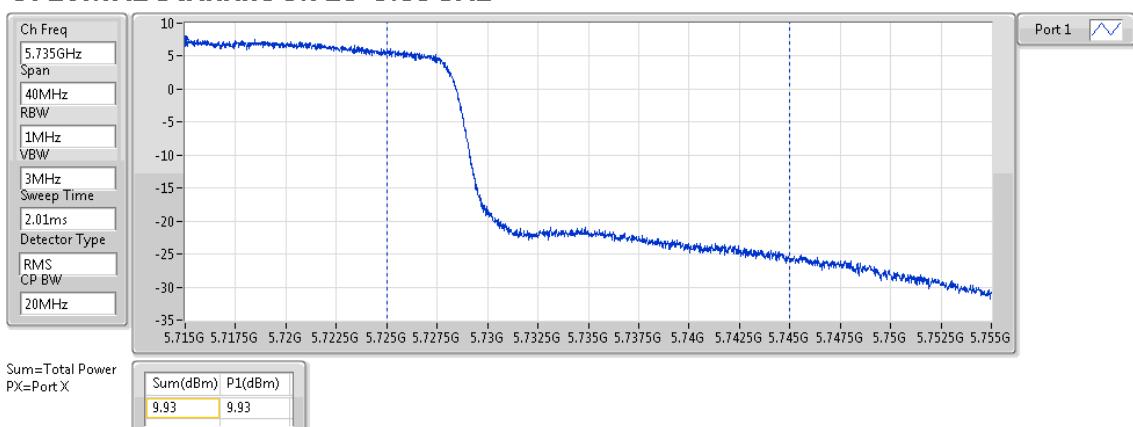


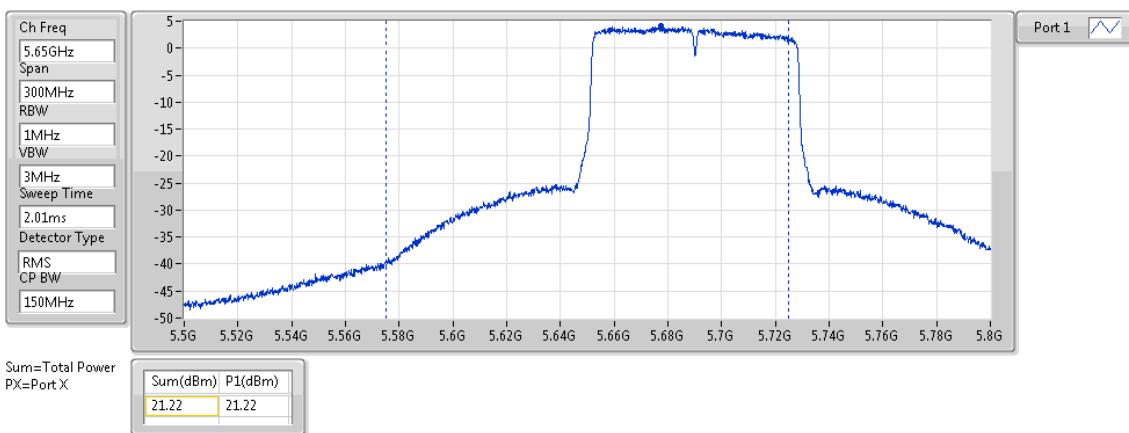
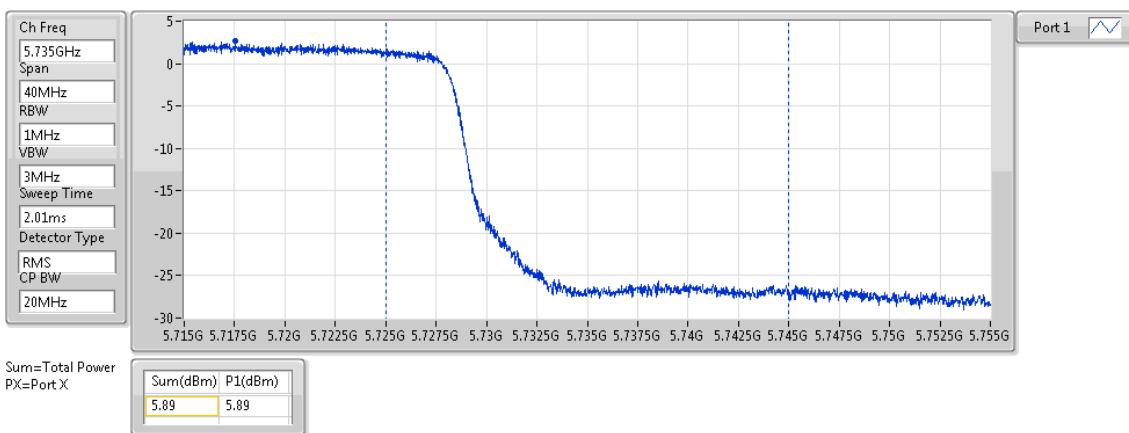
802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz



**802.11ac VHT20_Nss1,(MCS0)_1TX
5720MHz Straddle 5.725-5.85GHz****AV Power****802.11ac VHT40_Nss1,(MCS0)_1TX
5710MHz Straddle 5.47-5.725GHz****AV Power****802.11ac VHT40_Nss1,(MCS0)_1TX
5710MHz Straddle 5.725-5.85GHz****AV Power**

**802.11ac VHT80_Nss1,(MCS0)_1TX****AV Power****5690MHz Straddle 5.47-5.725GHz****802.11ac VHT80_Nss1,(MCS0)_1TX****AV Power****5690MHz Straddle 5.725-5.85GHz**



**For Set 5 antennas / 2TX:
<For Non-Beamforming Mode>
Summary**

Mode	Total Power (dBm)	Total Power (W)
802.11a_(6Mbps)_2TX	-	-
5.15-5.25GHz	23.74	0.23659
5.25-5.35GHz	23.70	0.23442
5.47-5.725GHz	23.69	0.23388
5.725-5.85GHz	23.68	0.23335
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	24.09	0.25645
5.25-5.35GHz	23.96	0.24889
5.47-5.725GHz	23.93	0.24717
5.725-5.85GHz	23.85	0.24266
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	24.06	0.25468
5.25-5.35GHz	23.97	0.24946
5.47-5.725GHz	23.94	0.24774
5.725-5.85GHz	24.01	0.25177
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	23.07	0.20277
5.25-5.35GHz	18.18	0.06577
5.47-5.725GHz	23.91	0.24604
5.725-5.85GHz	23.80	0.23988



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	4.20	20.66	20.79	23.74	30.00
5200MHz	Pass	4.20	20.60	20.66	23.64	30.00
5240MHz	Pass	4.20	20.83	20.61	23.73	30.00
5260MHz	Pass	4.20	20.68	20.59	23.65	23.89
5300MHz	Pass	4.20	20.63	20.59	23.62	23.90
5320MHz	Pass	4.20	20.83	20.55	23.70	23.89
5500MHz	Pass	4.20	20.59	20.68	23.65	23.89
5580MHz	Pass	4.20	20.35	20.48	23.43	23.95
5700MHz	Pass	4.20	20.75	20.60	23.69	23.95
5720MHz Straddle 5.47-5.725GHz	Pass	4.20	19.75	19.66	22.72	22.79
5720MHz Straddle 5.725-5.85GHz	Pass	4.20	13.22	13.43	16.34	30.00
5745MHz	Pass	4.20	20.56	20.69	23.64	30.00
5785MHz	Pass	4.20	20.60	20.72	23.67	30.00
5825MHz	Pass	4.20	20.59	20.74	23.68	30.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	4.20	21.07	21.00	24.05	30.00
5200MHz	Pass	4.20	21.11	21.05	24.09	30.00
5240MHz	Pass	4.20	20.93	20.87	23.91	30.00
5260MHz	Pass	4.20	20.90	20.99	23.96	23.98
5300MHz	Pass	4.20	20.85	21.00	23.94	23.98
5320MHz	Pass	4.20	20.94	20.68	23.82	23.98
5500MHz	Pass	4.20	20.90	20.93	23.93	23.98
5580MHz	Pass	4.20	20.51	20.86	23.70	23.98
5700MHz	Pass	4.20	20.90	20.82	23.87	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.20	19.85	19.79	22.83	22.88
5720MHz Straddle 5.725-5.85GHz	Pass	4.20	13.74	14.08	16.92	30.00
5745MHz	Pass	4.20	20.62	20.75	23.70	30.00
5785MHz	Pass	4.20	20.66	21.01	23.85	30.00
5825MHz	Pass	4.20	20.66	20.92	23.80	30.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	4.20	20.75	20.60	23.69	30.00
5230MHz	Pass	4.20	21.16	20.93	24.06	30.00
5270MHz	Pass	4.20	21.02	20.90	23.97	23.98
5310MHz	Pass	4.20	15.79	16.20	19.01	23.98
5510MHz	Pass	4.20	21.08	20.77	23.94	23.98
5550MHz	Pass	4.20	20.87	20.70	23.80	23.98
5670MHz	Pass	4.20	20.90	20.89	23.90	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	4.20	20.97	20.54	23.77	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	4.20	9.24	8.87	12.07	30.00
5755MHz	Pass	4.20	20.99	20.89	23.95	30.00
5795MHz	Pass	4.20	21.10	20.91	24.01	30.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-

**FCC Test Report****Report No. : FR760613AC**

Mode	Result	DG	Port 1	Port 2	Total Power	Power Limit
5210MHz	Pass	4.20	20.08	20.03	23.07	30.00
5290MHz	Pass	4.20	14.95	15.37	18.18	23.98
5530MHz	Pass	4.20	18.81	18.70	21.77	23.98
5610MHz	Pass	4.20	20.78	20.77	23.78	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	4.20	20.87	20.94	23.91	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	4.20	6.64	6.49	9.58	30.00
5775MHz	Pass	4.20	20.78	20.80	23.80	30.00

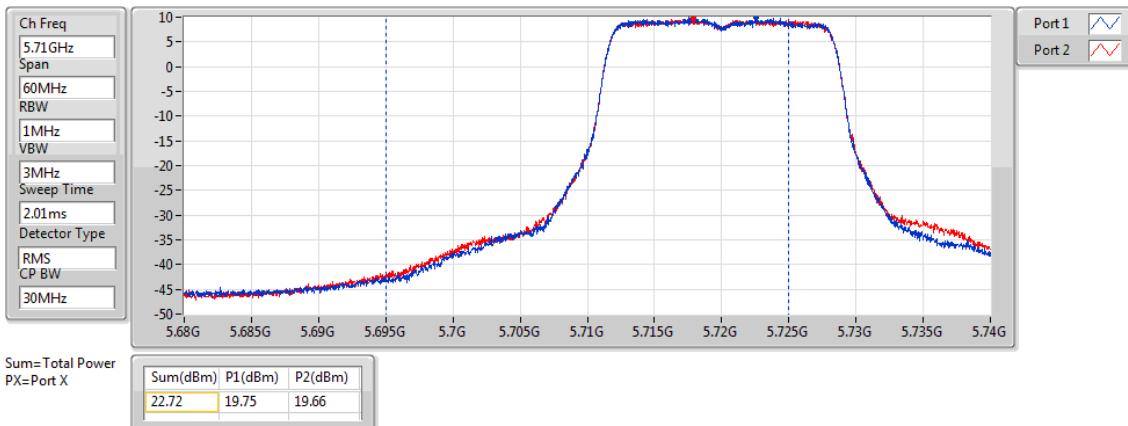
DG = Directional Gain; **Port X** = Port X output power



802.11a_(6Mbps)_2TX

AV Power

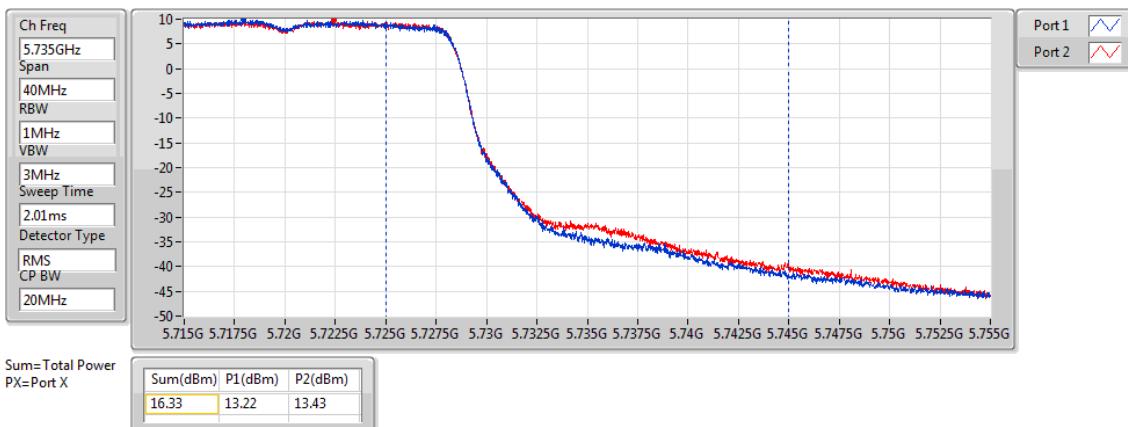
5720MHz Straddle 5.47-5.725GHz



802.11a_(6Mbps)_2TX

AV Power

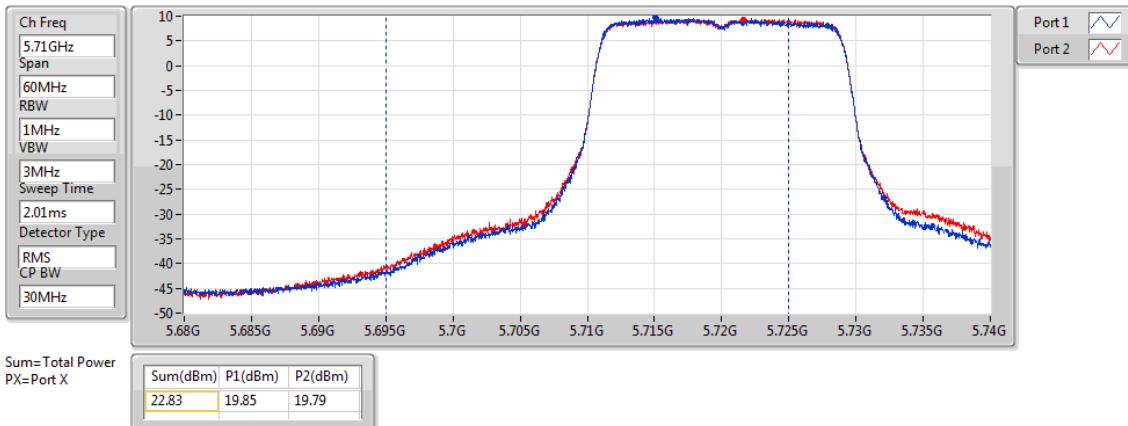
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20_Nss1,(MCS0)_2TX

AV Power

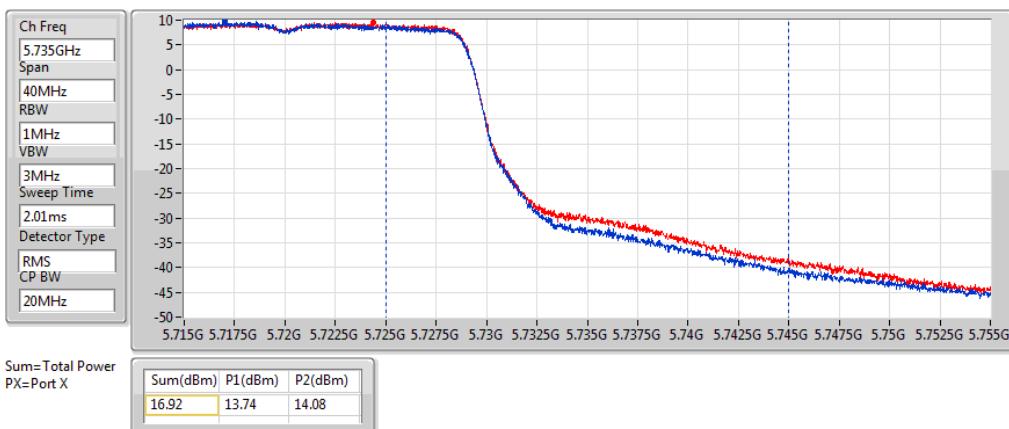
5720MHz Straddle 5.47-5.725GHz





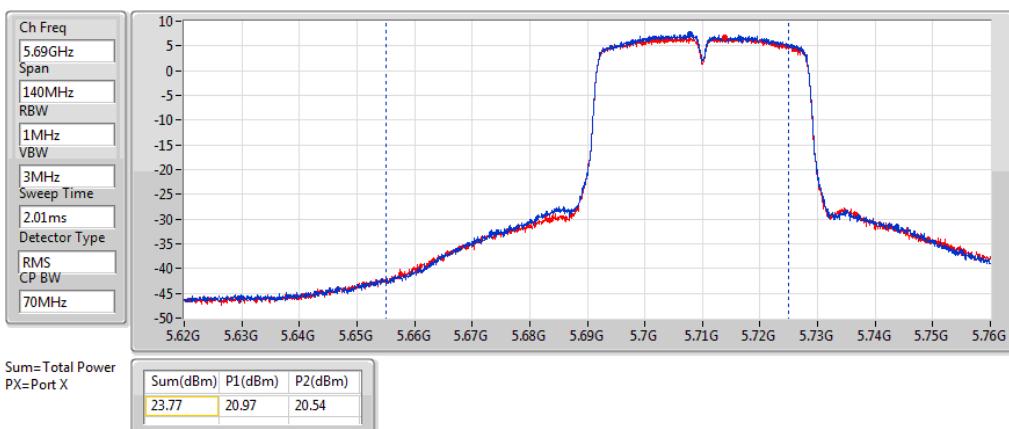
802.11ac VHT20_Nss1,(MCS0)_2TX
5720MHz Straddle 5.725-5.85GHz

AV Power



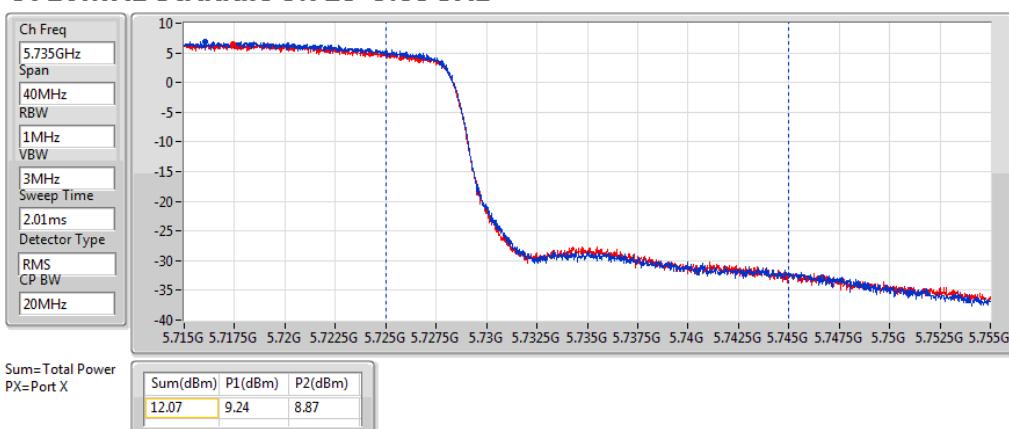
802.11ac VHT40_Nss1,(MCS0)_2TX
5710MHz Straddle 5.47-5.725GHz

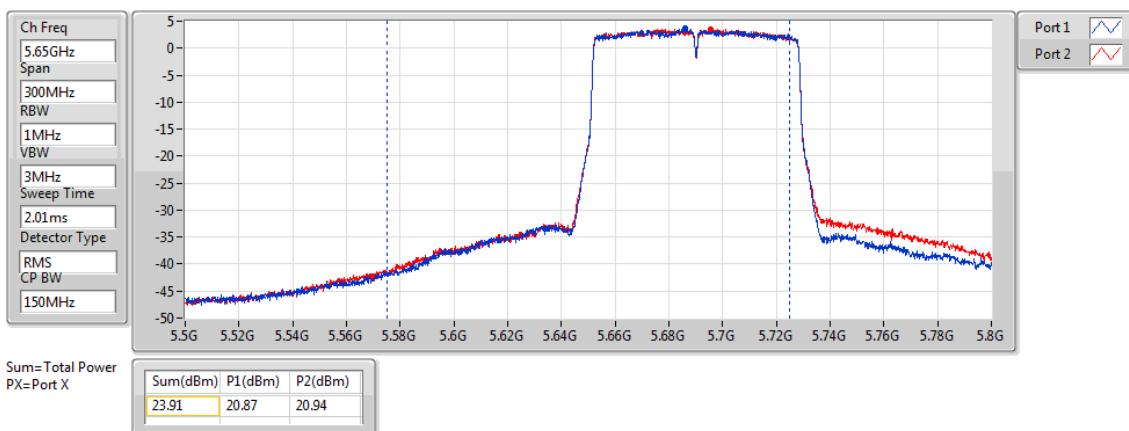
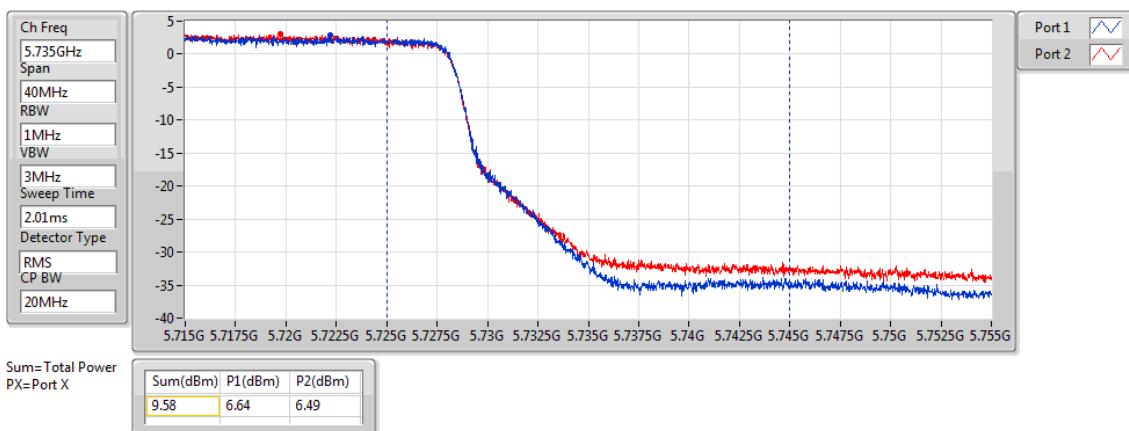
AV Power



802.11ac VHT40_Nss1,(MCS0)_2TX
5710MHz Straddle 5.725-5.85GHz

AV Power



**802.11ac VHT80_Nss1,(MCS0)_2TX****AV Power****5690MHz Straddle 5.47-5.725GHz****802.11ac VHT80_Nss1,(MCS0)_2TX****AV Power****5690MHz Straddle 5.725-5.85GHz**



<For Beamforming Mode>

Summary

Mode	Total Power (dBm)	Total Power (W)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	24.07	0.25527
5.25-5.35GHz	22.09	0.16181
5.47-5.725GHz	22.44	0.17539
5.725-5.85GHz	24.25	0.26607
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	24.17	0.26122
5.25-5.35GHz	23.86	0.24322
5.47-5.725GHz	23.87	0.24378
5.725-5.85GHz	24.21	0.26363
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	23.51	0.22439
5.25-5.35GHz	19.46	0.08831
5.47-5.725GHz	23.91	0.24604
5.725-5.85GHz	24.03	0.25293



Result

Mode	Result	DG	Port 1	Port 2	Total Power	Power Limit
		(dBi)	(dBm)	(dBm)	(dBm)	(dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	4.40	20.86	20.78	23.83	30.00
5200MHz	Pass	4.40	20.93	20.98	23.97	30.00
5240MHz	Pass	4.40	20.87	21.25	24.07	30.00
5260MHz	Pass	4.40	18.93	18.81	21.88	23.98
5300MHz	Pass	4.40	19.00	18.75	21.89	23.98
5320MHz	Pass	4.40	18.91	19.25	22.09	23.98
5500MHz	Pass	4.40	19.27	19.40	22.35	23.98
5580MHz	Pass	4.40	19.46	19.40	22.44	23.98
5700MHz	Pass	4.40	18.91	19.21	22.07	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.40	18.39	18.68	21.55	22.79
5720MHz Straddle 5.725-5.85GHz	Pass	4.40	12.68	12.64	15.67	30.00
5745MHz	Pass	4.40	21.03	21.03	24.04	30.00
5785MHz	Pass	4.40	20.94	20.92	23.94	30.00
5825MHz	Pass	4.40	21.08	21.40	24.25	30.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	4.40	21.07	21.19	24.14	30.00
5230MHz	Pass	4.40	21.18	21.13	24.17	30.00
5270MHz	Pass	4.40	20.77	20.92	23.86	23.98
5310MHz	Pass	4.40	18.44	18.23	21.35	23.98
5510MHz	Pass	4.40	20.42	20.58	23.51	23.98
5550MHz	Pass	4.40	20.84	20.88	23.87	23.98
5670MHz	Pass	4.40	20.88	20.79	23.85	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	4.40	20.58	20.81	23.71	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	4.40	9.67	9.75	12.72	30.00
5755MHz	Pass	4.40	20.96	21.08	24.03	30.00
5795MHz	Pass	4.40	21.22	21.18	24.21	30.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	4.40	20.42	20.58	23.51	30.00
5290MHz	Pass	4.40	16.65	16.25	19.46	23.98
5530MHz	Pass	4.40	19.88	20.03	22.97	23.98
5610MHz	Pass	4.40	20.86	20.94	23.91	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	4.40	20.62	20.61	23.63	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	4.40	5.99	6.06	9.04	30.00
5775MHz	Pass	4.40	20.92	21.12	24.03	30.00

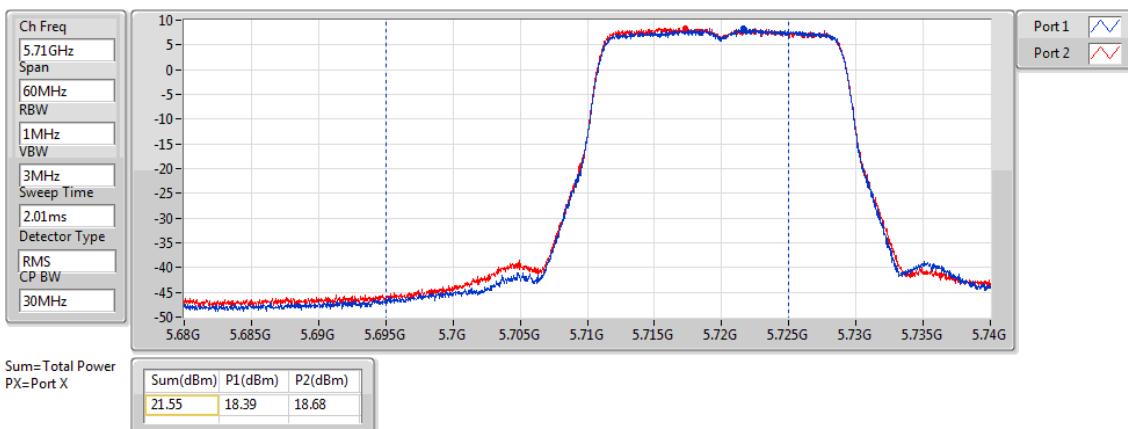
DG = Directional Gain; **Port X** = Port X output power



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

AV Power

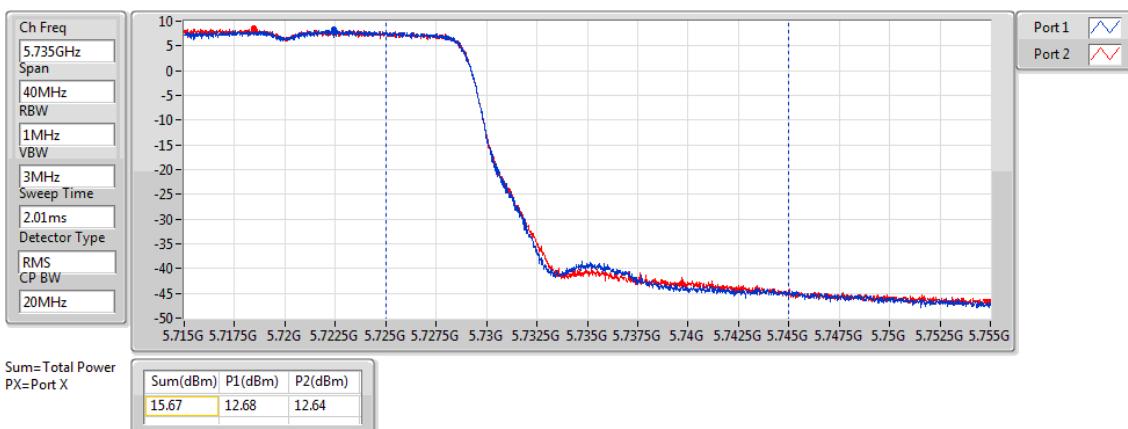
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

AV Power

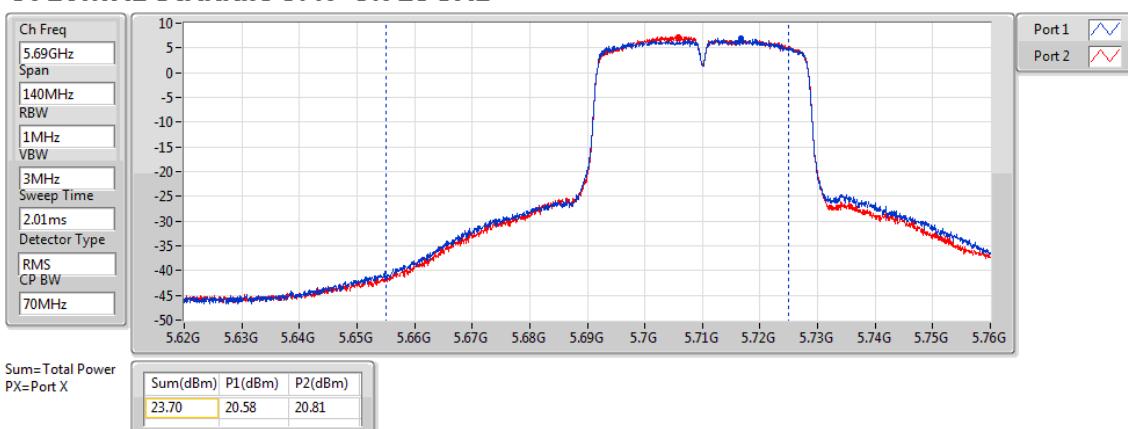
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

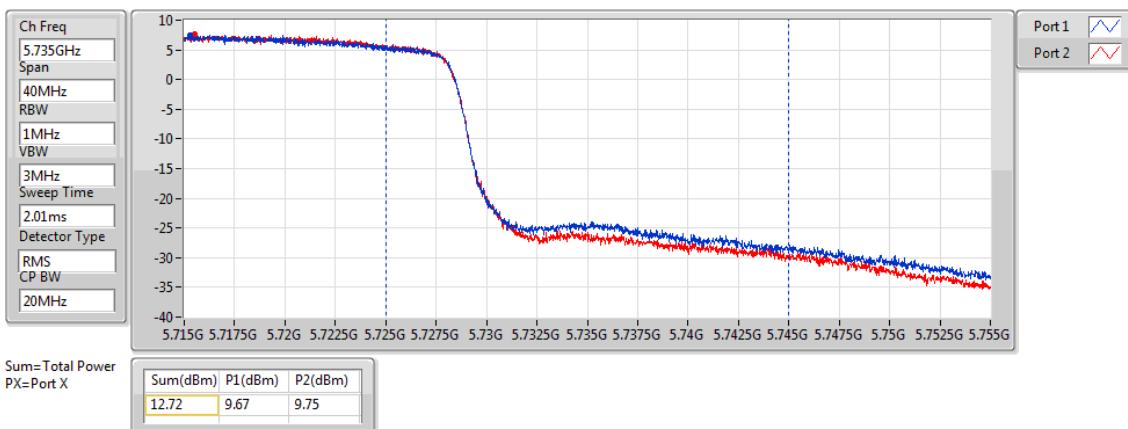




802.11ac VHT40-BF_Nss1,(MCS0)_2TX

AV Power

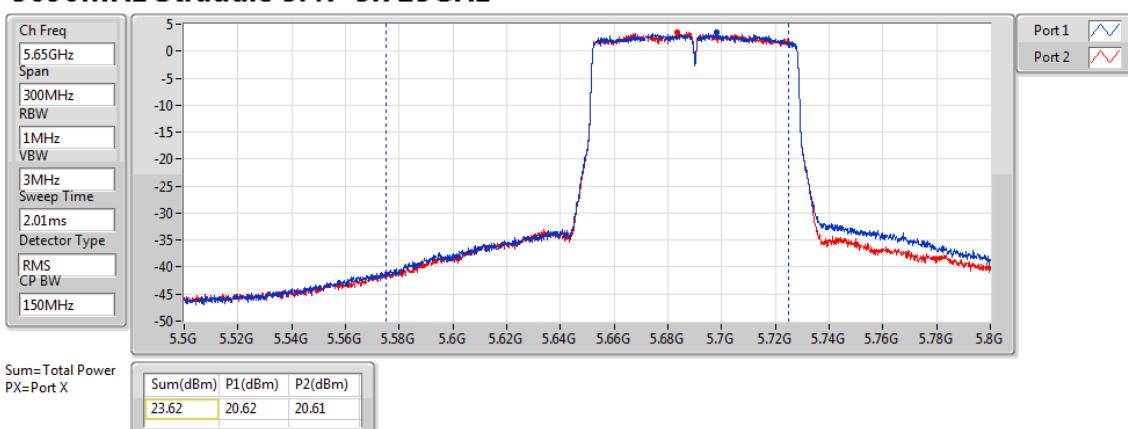
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

AV Power

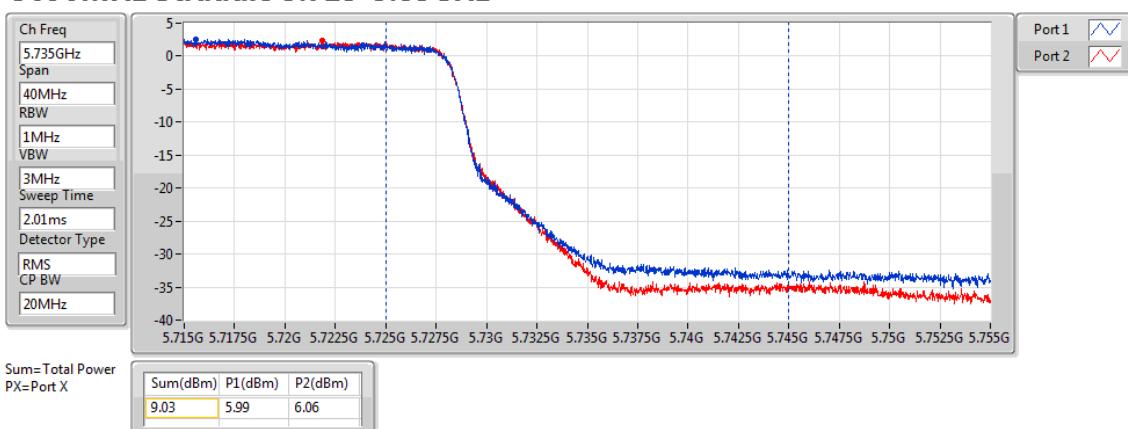
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz





For Set 5 antennas / 3TX:
<For Non-Beamforming Mode>
Summary

Mode	Total Power (dBm)	Total Power (W)
802.11a_(6Mbps)_3TX	-	-
5.15-5.25GHz	25.68	0.36983
5.25-5.35GHz	23.60	0.22909
5.47-5.725GHz	23.91	0.24604
5.725-5.85GHz	26.05	0.40272
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	25.88	0.38726
5.25-5.35GHz	23.80	0.23988
5.47-5.725GHz	23.86	0.24322
5.725-5.85GHz	25.70	0.37154
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	25.98	0.39628
5.25-5.35GHz	23.85	0.24266
5.47-5.725GHz	23.93	0.24717
5.725-5.85GHz	25.79	0.37931
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	21.94	0.15631
5.25-5.35GHz	17.97	0.06266
5.47-5.725GHz	23.57	0.22751
5.725-5.85GHz	25.69	0.37068



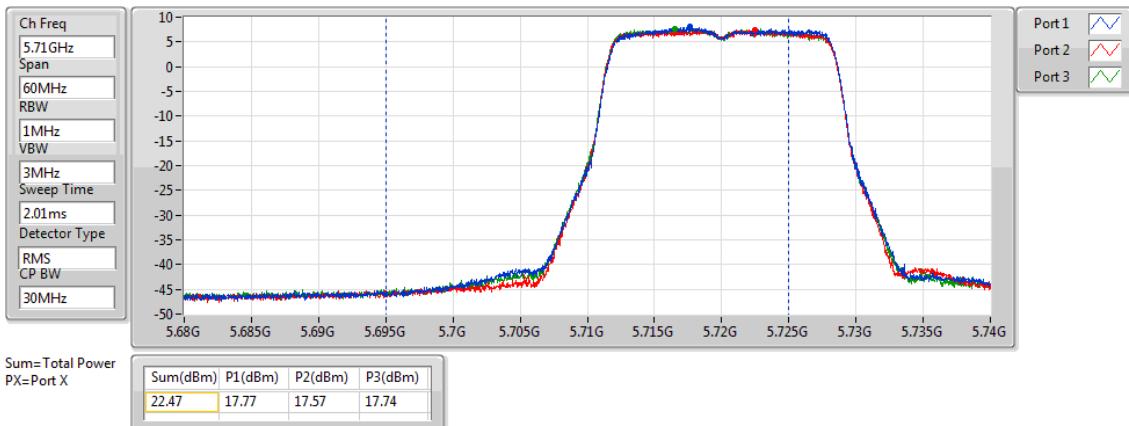
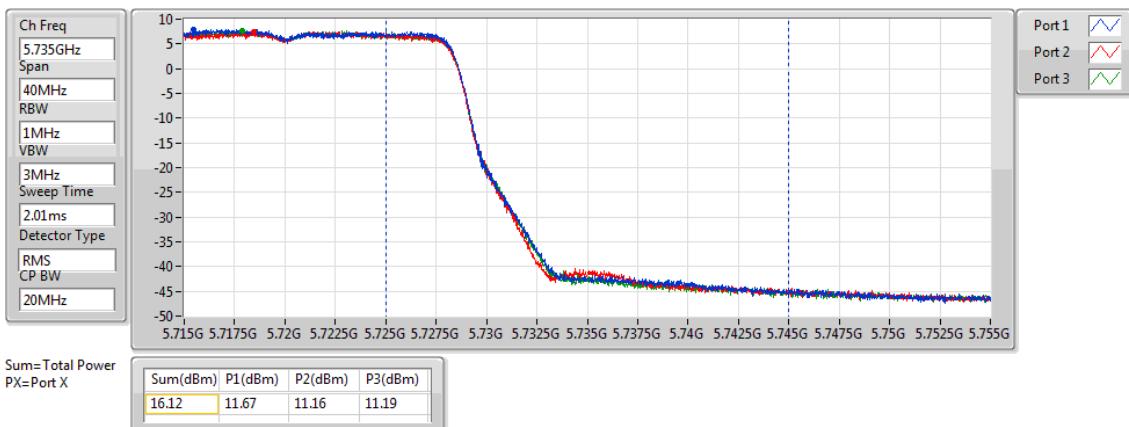
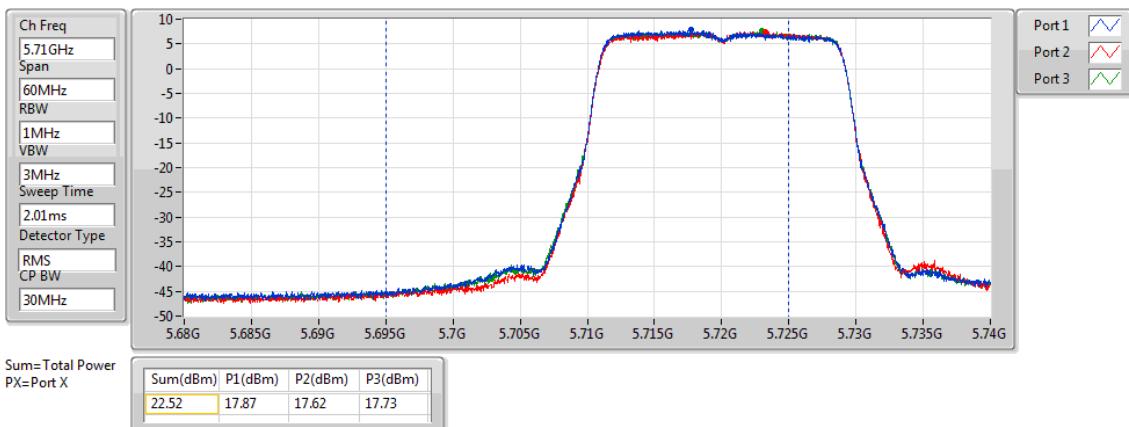
Result

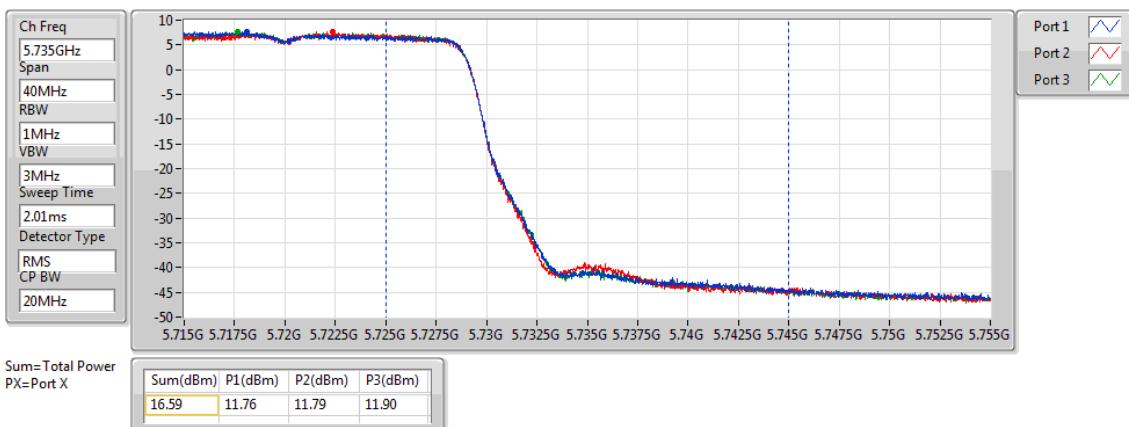
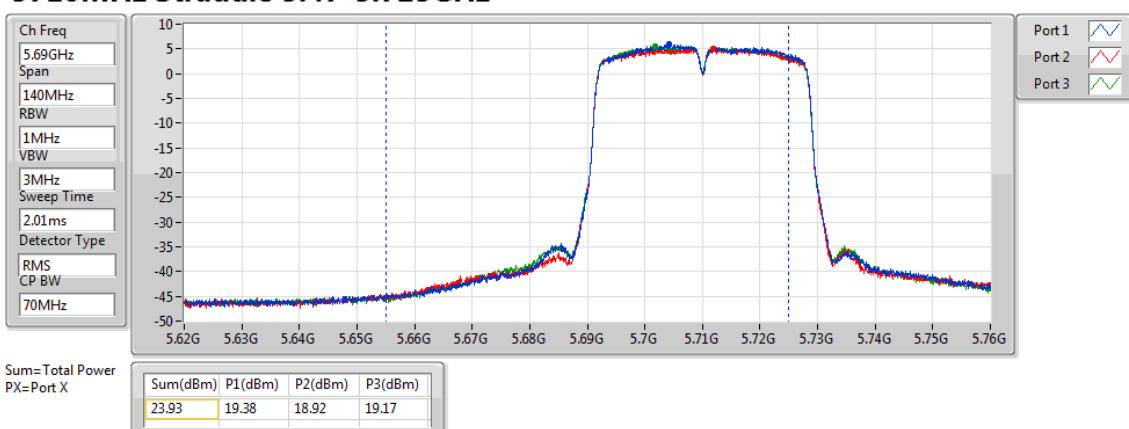
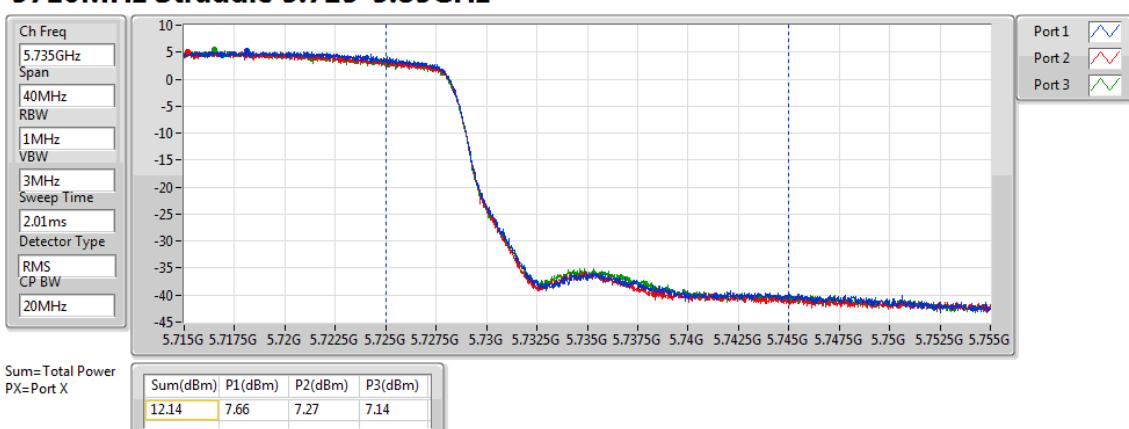
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_(6Mbps)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	4.20	20.98	20.87	20.80	25.66	30.00
5200MHz	Pass	4.20	20.95	20.87	20.92	25.68	30.00
5240MHz	Pass	4.20	20.88	20.78	20.93	25.63	30.00
5260MHz	Pass	4.20	18.72	18.68	18.88	23.53	23.84
5300MHz	Pass	4.20	18.57	18.93	18.98	23.60	23.86
5320MHz	Pass	4.20	18.77	18.57	18.96	23.54	23.86
5500MHz	Pass	4.20	18.62	18.52	18.39	23.28	23.85
5580MHz	Pass	4.20	18.91	18.96	18.93	23.70	23.84
5700MHz	Pass	4.20	19.19	19.03	19.18	23.91	23.94
5720MHz Straddle 5.47-5.725GHz	Pass	4.20	17.77	17.57	17.74	22.47	22.65
5720MHz Straddle 5.725-5.85GHz	Pass	4.20	11.67	11.16	11.19	16.12	30.00
5745MHz	Pass	4.20	21.04	21.09	21.28	25.91	30.00
5785MHz	Pass	4.20	21.10	21.17	21.48	26.02	30.00
5825MHz	Pass	4.20	21.11	21.36	21.35	26.05	30.00
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	4.20	21.19	21.09	21.02	25.87	30.00
5200MHz	Pass	4.20	21.12	21.09	21.13	25.88	30.00
5240MHz	Pass	4.20	21.07	20.89	21.18	25.82	30.00
5260MHz	Pass	4.20	18.83	18.97	19.07	23.73	23.98
5300MHz	Pass	4.20	18.86	18.95	19.28	23.80	23.98
5320MHz	Pass	4.20	18.98	18.52	19.20	23.68	23.98
5500MHz	Pass	4.20	18.95	18.82	18.96	23.68	23.98
5580MHz	Pass	4.20	19.00	19.19	19.07	23.86	23.98
5700MHz	Pass	4.20	19.04	18.67	18.88	23.64	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.20	17.87	17.62	17.73	22.51	22.79
5720MHz Straddle 5.725-5.85GHz	Pass	4.20	11.76	11.79	11.90	16.59	30.00
5745MHz	Pass	4.20	20.70	20.73	21.03	25.59	30.00
5785MHz	Pass	4.20	20.83	20.87	21.09	25.70	30.00
5825MHz	Pass	4.20	20.72	20.99	21.02	25.68	30.00
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5190MHz	Pass	4.20	19.24	19.05	19.25	23.95	30.00
5230MHz	Pass	4.20	21.20	21.02	21.41	25.98	30.00
5270MHz	Pass	4.20	18.97	19.15	19.11	23.85	23.98
5310MHz	Pass	4.20	14.50	14.65	14.74	19.40	23.98
5510MHz	Pass	4.20	18.95	18.93	18.82	23.67	23.98
5550MHz	Pass	4.20	18.86	18.80	18.71	23.56	23.98
5670MHz	Pass	4.20	18.97	18.91	18.61	23.60	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	4.20	19.38	18.92	19.17	23.93	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	4.20	7.66	7.27	7.14	12.13	30.00
5755MHz	Pass	4.20	20.91	20.77	20.97	25.66	30.00
5795MHz	Pass	4.20	21.02	20.79	21.23	25.79	30.00
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-

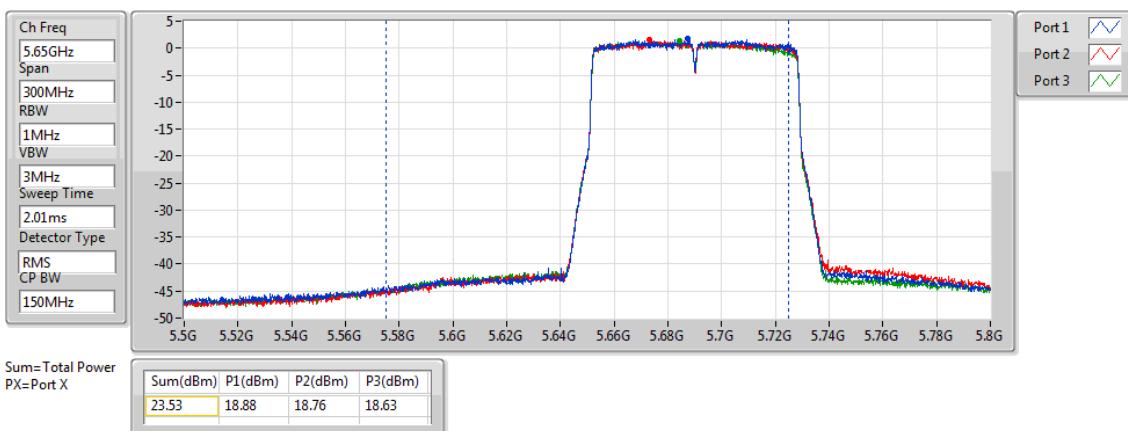
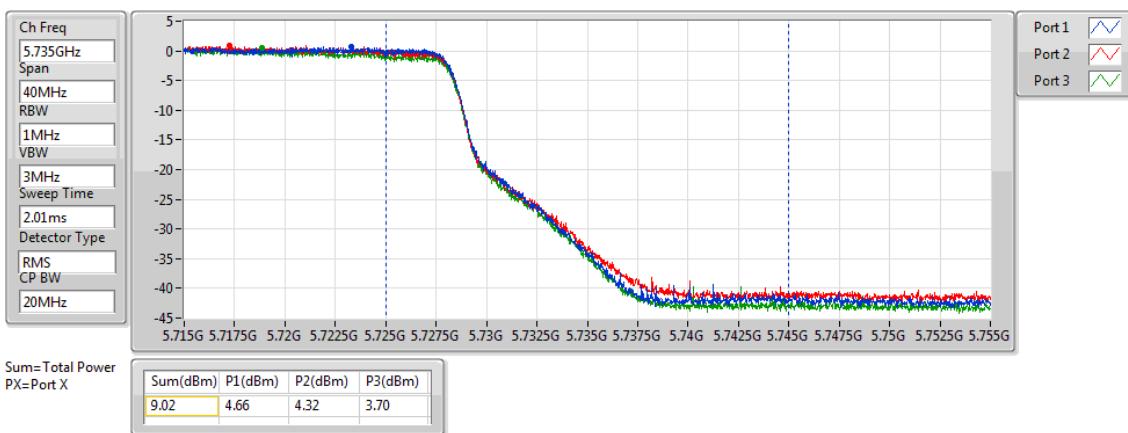
**FCC Test Report****Report No. : FR760613AC**

Mode	Result	DG	Port 1	Port 2	Port 3	Total Power	Power Limit
5210MHz	Pass	4.20	17.16	17.08	17.25	21.94	30.00
5290MHz	Pass	4.20	13.10	13.19	13.29	17.97	23.98
5530MHz	Pass	4.20	17.75	17.78	17.83	22.56	23.98
5610MHz	Pass	4.20	18.92	18.78	18.69	23.57	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	4.20	18.88	18.76	18.63	23.53	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	4.20	4.66	4.32	3.70	9.02	30.00
5775MHz	Pass	4.20	20.87	20.92	20.97	25.69	30.00

DG = Directional Gain; **Port X** = Port X output power

**802.11a_(6Mbps)_3TX****AV Power****5720MHz Straddle 5.47-5.725GHz****802.11a_(6Mbps)_3TX****AV Power****5720MHz Straddle 5.725-5.85GHz****802.11ac VHT20_Nss1,(MCS0)_3TX****AV Power****5720MHz Straddle 5.47-5.725GHz**

**802.11ac VHT20_Nss1,(MCS0)_3TX
5720MHz Straddle 5.725-5.85GHz****AV Power****802.11ac VHT40_Nss1,(MCS0)_3TX
5710MHz Straddle 5.47-5.725GHz****AV Power****802.11ac VHT40_Nss1,(MCS0)_3TX
5710MHz Straddle 5.725-5.85GHz****AV Power**

**802.11ac VHT80_Nss1,(MCS0)_3TX****AV Power****5690MHz Straddle 5.47-5.725GHz****802.11ac VHT80_Nss1,(MCS0)_3TX****AV Power****5690MHz Straddle 5.725-5.85GHz**



<For Beamforming Mode>

Summary

Mode	Total Power (dBm)	Total Power (W)
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	25.91	0.38994
5.25-5.35GHz	23.95	0.24831
5.47-5.725GHz	23.87	0.24378
5.725-5.85GHz	25.67	0.36898
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	25.91	0.38994
5.25-5.35GHz	23.92	0.24660
5.47-5.725GHz	23.85	0.24266
5.725-5.85GHz	25.61	0.36392
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	24.37	0.27353
5.25-5.35GHz	18.03	0.06353
5.47-5.725GHz	23.68	0.23335
5.725-5.85GHz	25.44	0.34995



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	5.80	21.07	21.10	21.04	25.84	30.00
5200MHz	Pass	5.80	21.23	21.10	21.10	25.91	30.00
5240MHz	Pass	5.80	21.24	21.08	20.86	25.83	30.00
5260MHz	Pass	5.80	19.02	18.81	19.00	23.72	23.98
5300MHz	Pass	5.80	19.34	18.93	19.25	23.95	23.98
5320MHz	Pass	5.80	19.31	19.23	18.81	23.89	23.98
5500MHz	Pass	5.80	18.97	19.13	18.86	23.76	23.98
5580MHz	Pass	5.80	18.88	19.04	18.81	23.68	23.98
5700MHz	Pass	5.80	19.14	19.28	18.87	23.87	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.80	17.66	17.79	17.49	22.42	22.79
5720MHz Straddle 5.725-5.85GHz	Pass	5.80	11.62	11.57	11.59	16.36	30.00
5745MHz	Pass	5.80	21.31	20.95	19.76	25.49	30.00
5785MHz	Pass	5.80	20.90	20.61	20.86	25.56	30.00
5825MHz	Pass	5.80	20.88	20.86	20.96	25.67	30.00
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5190MHz	Pass	5.80	20.09	20.05	19.94	24.80	30.00
5230MHz	Pass	5.80	21.22	21.17	21.01	25.91	30.00
5270MHz	Pass	5.80	19.19	19.04	19.21	23.92	23.98
5310MHz	Pass	5.80	16.35	15.92	16.32	20.98	23.98
5510MHz	Pass	5.80	19.06	19.17	19.00	23.85	23.98
5550MHz	Pass	5.80	18.96	19.02	18.85	23.71	23.98
5670MHz	Pass	5.80	18.79	19.10	18.93	23.71	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.80	19.03	19.23	18.76	23.78	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.80	6.86	7.33	6.66	11.73	30.00
5755MHz	Pass	5.80	20.98	20.73	20.81	25.61	30.00
5795MHz	Pass	5.80	21.07	20.63	20.72	25.58	30.00
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5210MHz	Pass	5.80	19.74	19.61	19.45	24.37	30.00
5290MHz	Pass	5.80	13.46	13.05	13.27	18.03	23.98
5530MHz	Pass	5.80	17.99	18.03	17.84	22.73	23.98
5610MHz	Pass	5.80	18.84	19.00	18.75	23.64	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.80	18.79	19.13	18.79	23.68	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.80	4.22	5.12	4.70	9.46	30.00
5775MHz	Pass	5.80	20.43	20.73	20.83	25.44	30.00

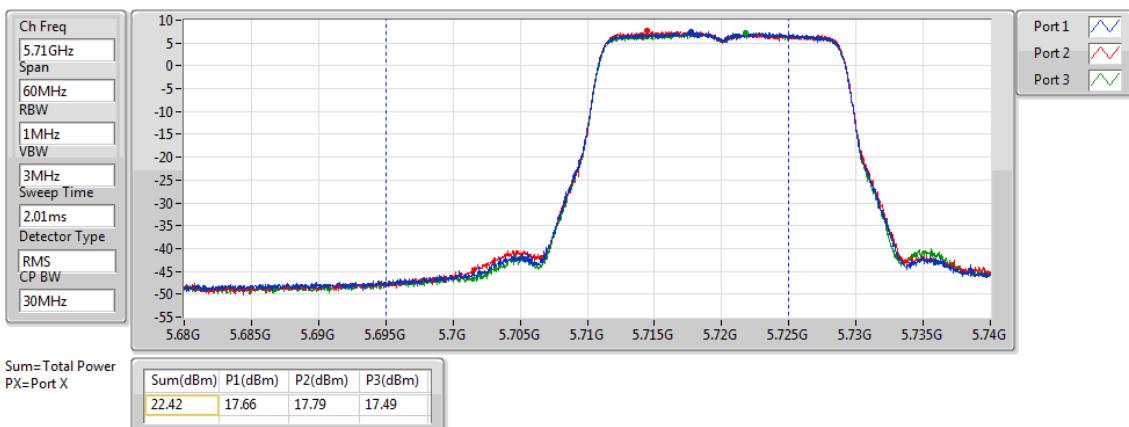
DG = Directional Gain; **Port X** = Port X output power



802.11ac VHT20-BF_Nss1,(MCS0)_3TX

AV Power

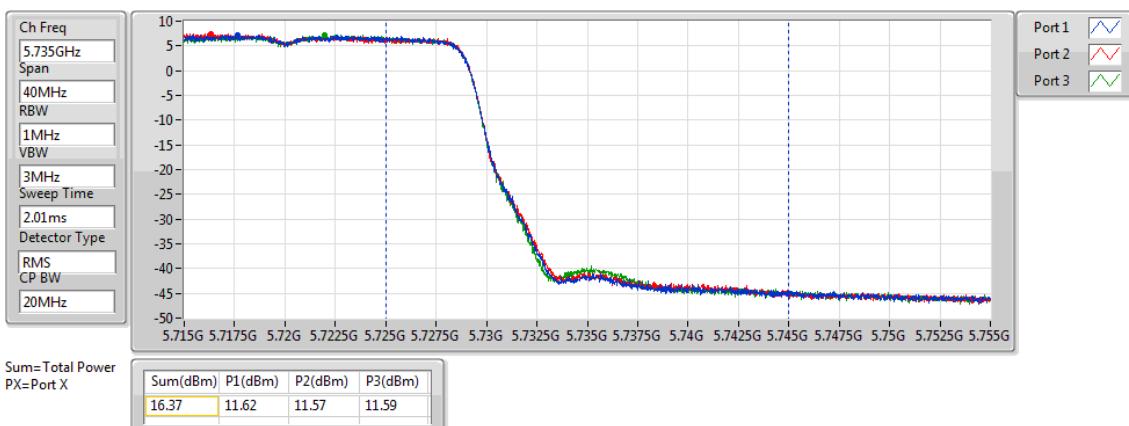
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20-BF_Nss1,(MCS0)_3TX

AV Power

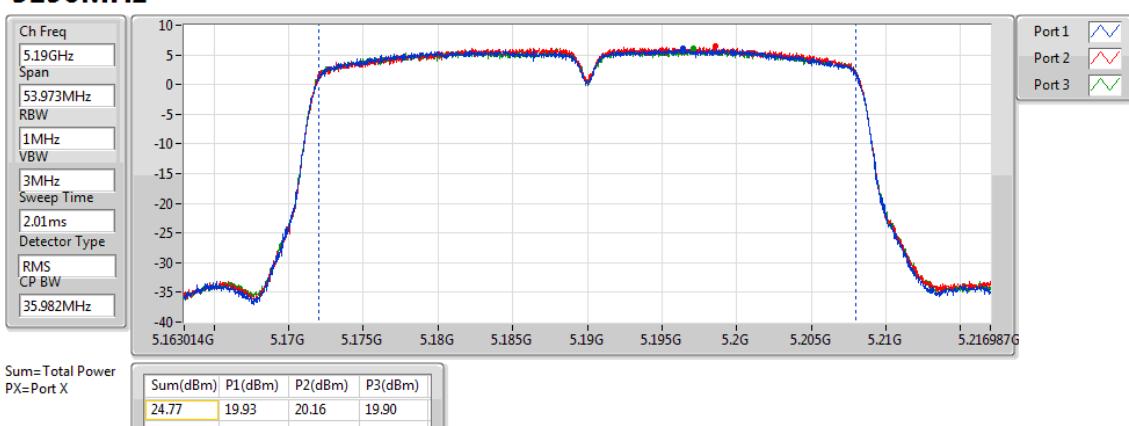
5720MHz Straddle 5.725-5.85GHz

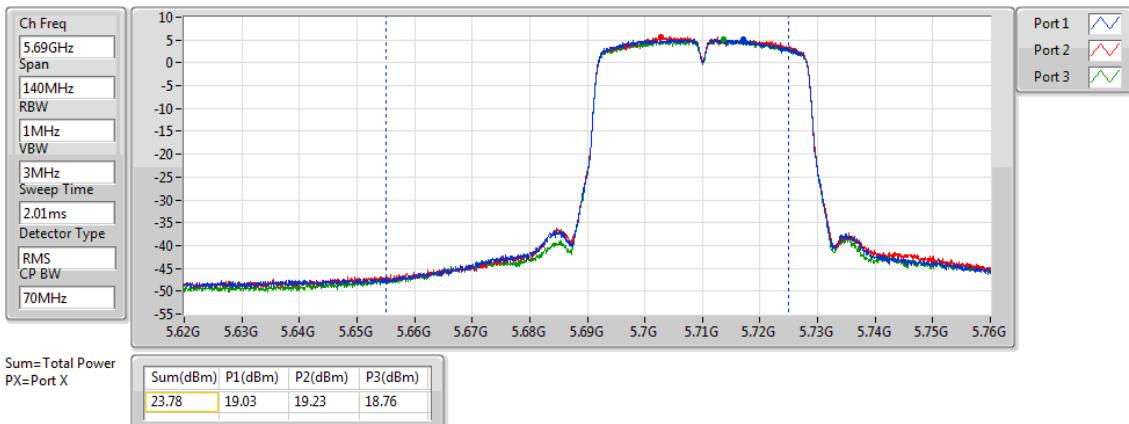
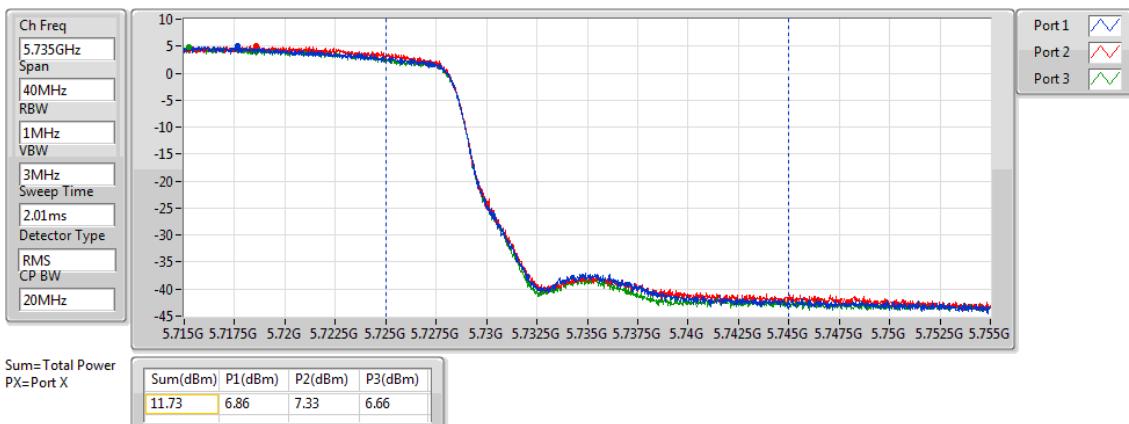
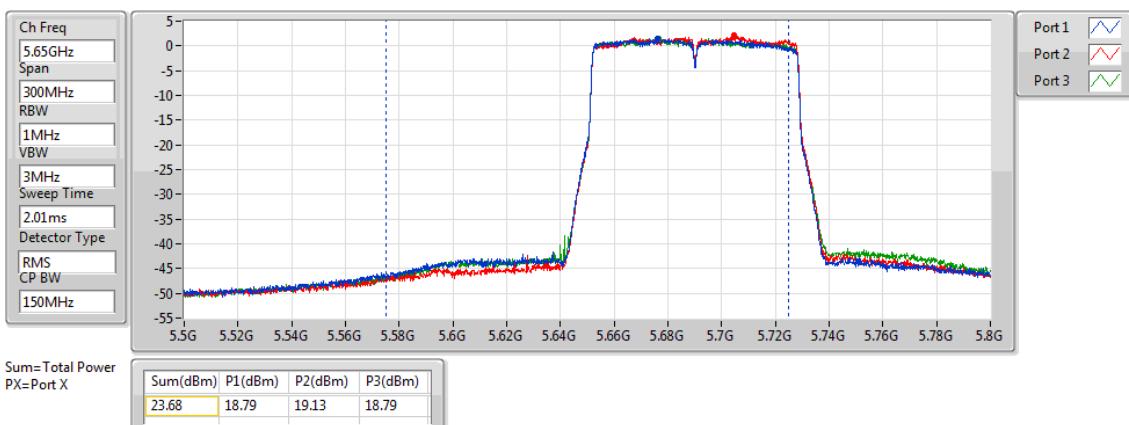


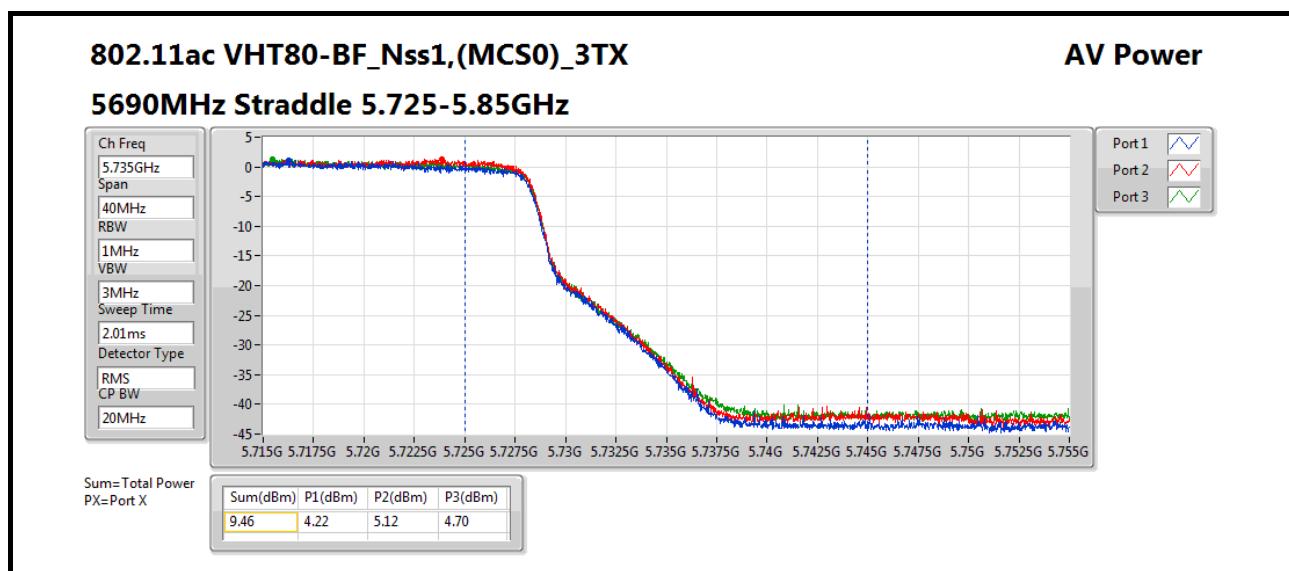
802.11ac VHT40-BF_Nss1,(MCS0)_3TX

AV Power

5190MHz



**802.11ac VHT40-BF_Nss1,(MCS0)_3TX****AV Power****5710MHz Straddle 5.47-5.725GHz****802.11ac VHT40-BF_Nss1,(MCS0)_3TX****AV Power****5710MHz Straddle 5.725-5.85GHz****802.11ac VHT80-BF_Nss1,(MCS0)_3TX****AV Power****5690MHz Straddle 5.47-5.725GHz**





For Set 6 antennas / 1TX:

Summary

Mode	Total Power (dBm)	Total Power (W)
802.11a_(6Mbps)_1TX	-	-
5.15-5.25GHz	21.06	0.12764
5.25-5.35GHz	21.23	0.13274
5.47-5.725GHz	21.32	0.13552
5.725-5.85GHz	20.88	0.12246
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-
5.15-5.25GHz	21.20	0.13183
5.25-5.35GHz	21.49	0.14093
5.47-5.725GHz	21.44	0.13932
5.725-5.85GHz	21.11	0.12912
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-
5.15-5.25GHz	21.06	0.12764
5.25-5.35GHz	20.98	0.12531
5.47-5.725GHz	21.44	0.13932
5.725-5.85GHz	21.20	0.13183
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-
5.15-5.25GHz	20.75	0.11885
5.25-5.35GHz	20.74	0.11858
5.47-5.725GHz	21.33	0.13583
5.725-5.85GHz	21.14	0.13002



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	2.75	20.95	20.95	30.00
5200MHz	Pass	2.75	21.06	21.06	30.00
5240MHz	Pass	2.75	20.91	20.91	30.00
5260MHz	Pass	2.75	21.04	21.04	23.94
5300MHz	Pass	2.75	21.23	21.23	23.98
5320MHz	Pass	2.75	21.09	21.09	23.97
5500MHz	Pass	2.75	21.26	21.26	23.97
5580MHz	Pass	2.75	21.32	21.32	23.97
5700MHz	Pass	2.75	21.06	21.06	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	2.75	20.85	20.85	23.09
5720MHz Straddle 5.725-5.85GHz	Pass	2.75	15.07	15.07	30.00
5745MHz	Pass	2.75	20.88	20.88	30.00
5785MHz	Pass	2.75	20.77	20.77	30.00
5825MHz	Pass	2.75	20.88	20.88	30.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	2.75	21.19	21.19	30.00
5200MHz	Pass	2.75	21.20	21.20	30.00
5240MHz	Pass	2.75	21.17	21.17	30.00
5260MHz	Pass	2.75	21.30	21.30	23.98
5300MHz	Pass	2.75	21.49	21.49	23.98
5320MHz	Pass	2.75	21.32	21.32	23.98
5500MHz	Pass	2.75	21.43	21.43	23.98
5580MHz	Pass	2.75	21.44	21.44	23.98
5700MHz	Pass	2.75	21.22	21.22	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	2.75	21.00	21.00	23.12
5720MHz Straddle 5.725-5.85GHz	Pass	2.75	15.23	15.23	30.00
5745MHz	Pass	2.75	21.11	21.11	30.00
5785MHz	Pass	2.75	20.95	20.95	30.00
5825MHz	Pass	2.75	20.99	20.99	30.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	2.75	20.22	20.22	30.00
5230MHz	Pass	2.75	21.06	21.06	30.00
5270MHz	Pass	2.75	20.98	20.98	23.98
5310MHz	Pass	2.75	19.27	19.27	23.98
5510MHz	Pass	2.75	20.87	20.87	23.98
5550MHz	Pass	2.75	21.12	21.12	23.98
5670MHz	Pass	2.75	21.08	21.08	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	2.75	21.44	21.44	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	2.75	9.93	9.93	30.00
5755MHz	Pass	2.75	21.20	21.20	30.00
5795MHz	Pass	2.75	20.76	20.76	30.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-

**FCC Test Report****Report No. : FR760613AC**

Mode	Result	DG	Port 1	Total Power	Power Limit
5210MHz	Pass	2.75	20.75	20.75	30.00
5290MHz	Pass	2.75	20.74	20.74	23.98
5530MHz	Pass	2.75	21.20	21.20	23.98
5610MHz	Pass	2.75	21.33	21.33	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	2.75	21.22	21.22	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	2.75	5.89	5.89	30.00
5775MHz	Pass	2.75	21.14	21.14	30.00

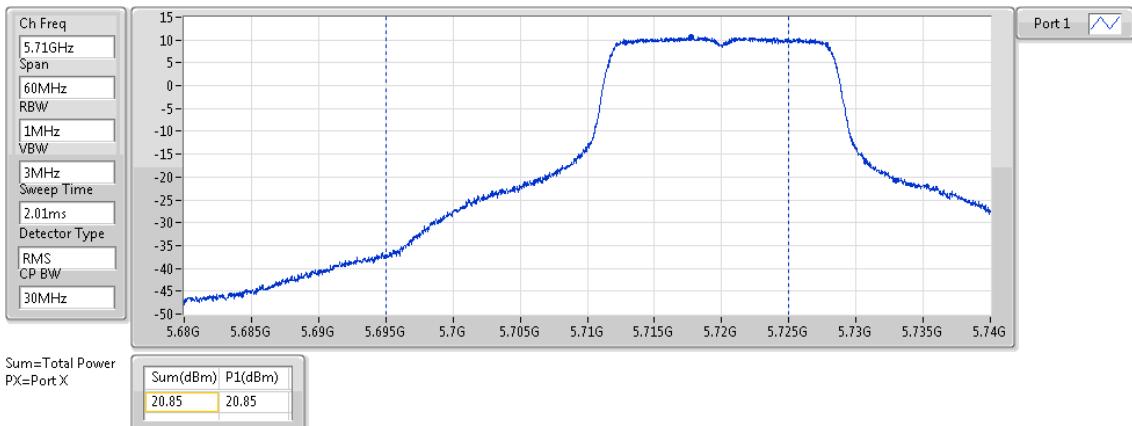
DG = Directional Gain; **Port X** = Port X output power



802.11a_(6Mbps)_1TX

AV Power

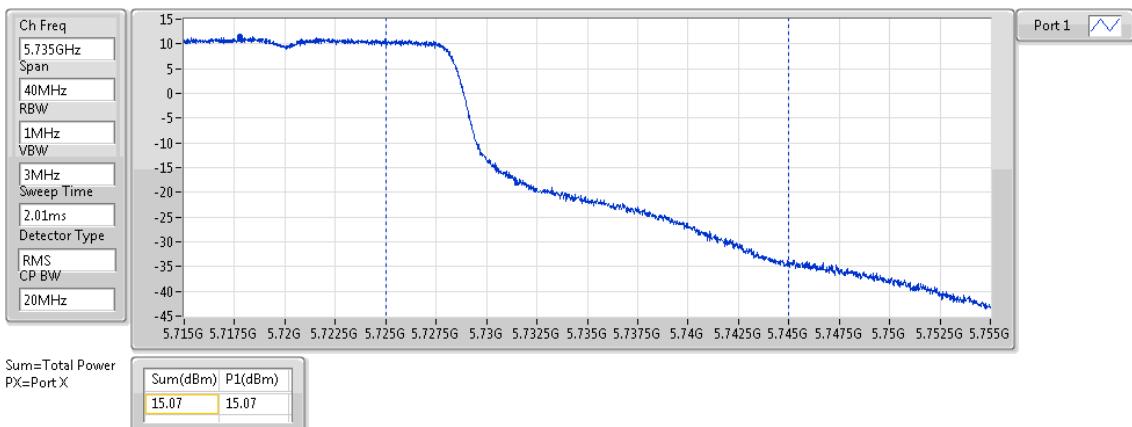
5720MHz Straddle 5.47-5.725GHz



802.11a_(6Mbps)_1TX

AV Power

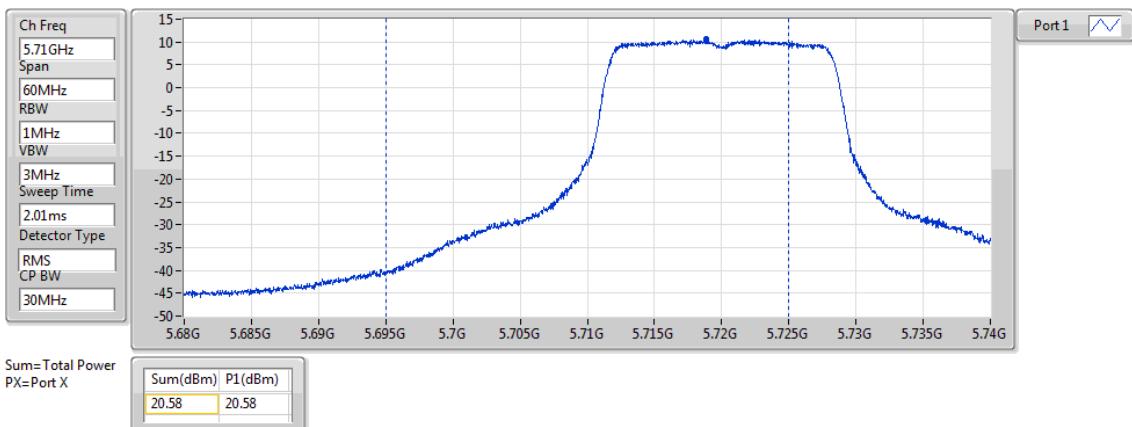
5720MHz Straddle 5.725-5.85GHz

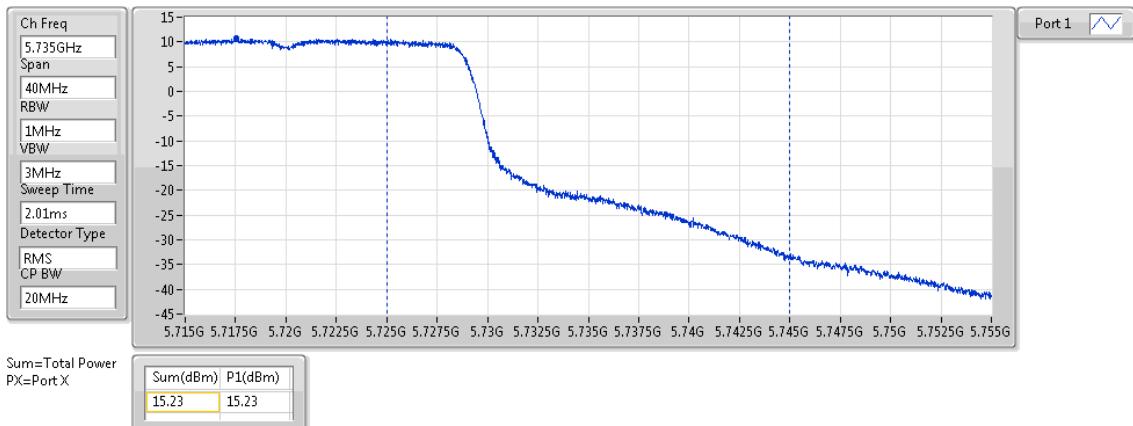
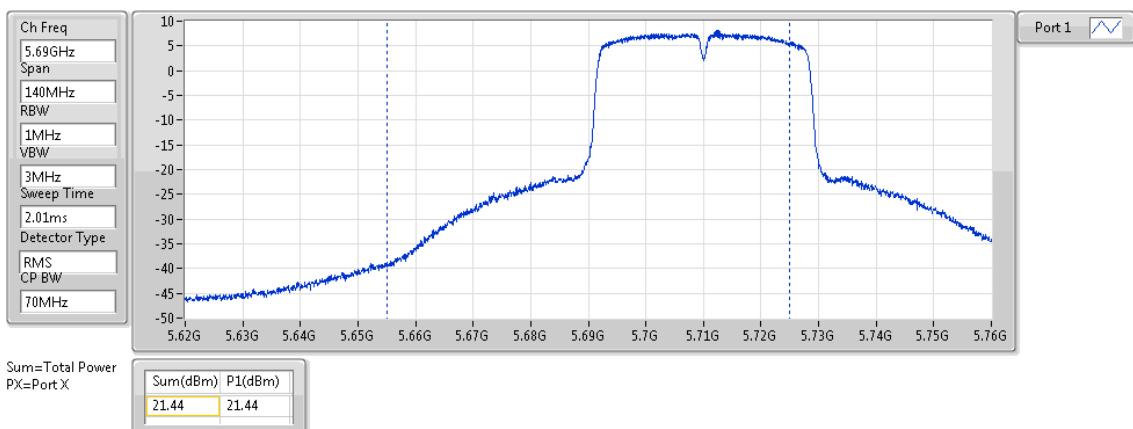
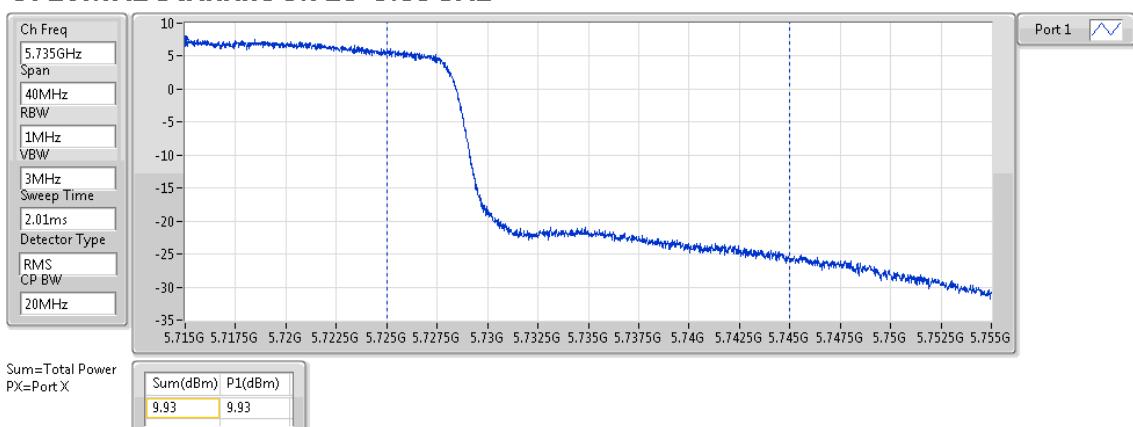


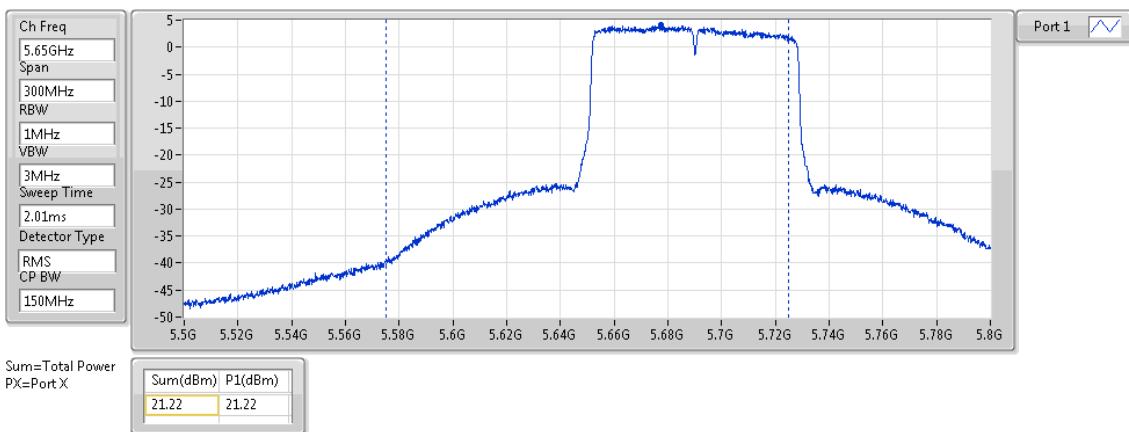
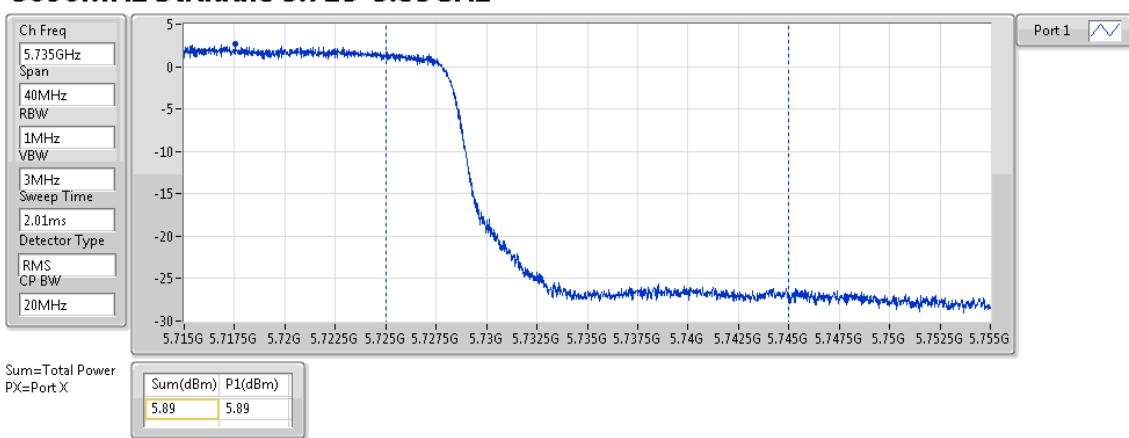
802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz



**802.11ac VHT20_Nss1,(MCS0)_1TX
5720MHz Straddle 5.725-5.85GHz****AV Power****802.11ac VHT40_Nss1,(MCS0)_1TX
5710MHz Straddle 5.47-5.725GHz****AV Power****802.11ac VHT40_Nss1,(MCS0)_1TX
5710MHz Straddle 5.725-5.85GHz****AV Power**

**802.11ac VHT80_Nss1,(MCS0)_1TX
5690MHz Straddle 5.47-5.725GHz****AV Power****802.11ac VHT80_Nss1,(MCS0)_1TX
5690MHz Straddle 5.725-5.85GHz****AV Power**



**For Set 6 antennas / 2TX:
<For Non-Beamforming Mode>
Summary**

Mode	Total Power (dBm)	Total Power (W)
802.11a_(6Mbps)_2TX	-	-
5.15-5.25GHz	23.74	0.23659
5.25-5.35GHz	23.70	0.23442
5.47-5.725GHz	23.69	0.23388
5.725-5.85GHz	23.68	0.23335
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	24.09	0.25645
5.25-5.35GHz	23.96	0.24889
5.47-5.725GHz	23.93	0.24717
5.725-5.85GHz	23.85	0.24266
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	24.20	0.26303
5.25-5.35GHz	23.97	0.24946
5.47-5.725GHz	23.94	0.24774
5.725-5.85GHz	24.02	0.25235
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	23.62	0.23014
5.25-5.35GHz	19.06	0.08054
5.47-5.725GHz	23.92	0.24660
5.725-5.85GHz	23.80	0.23988



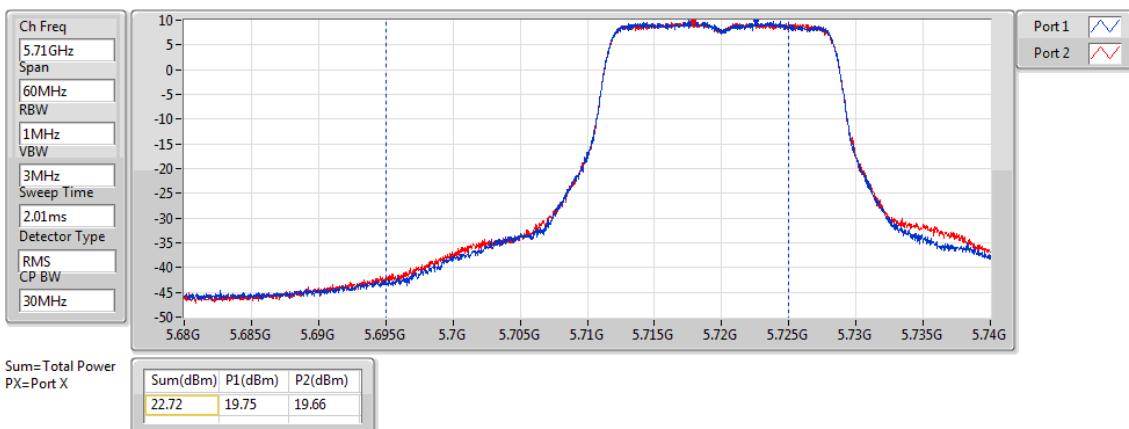
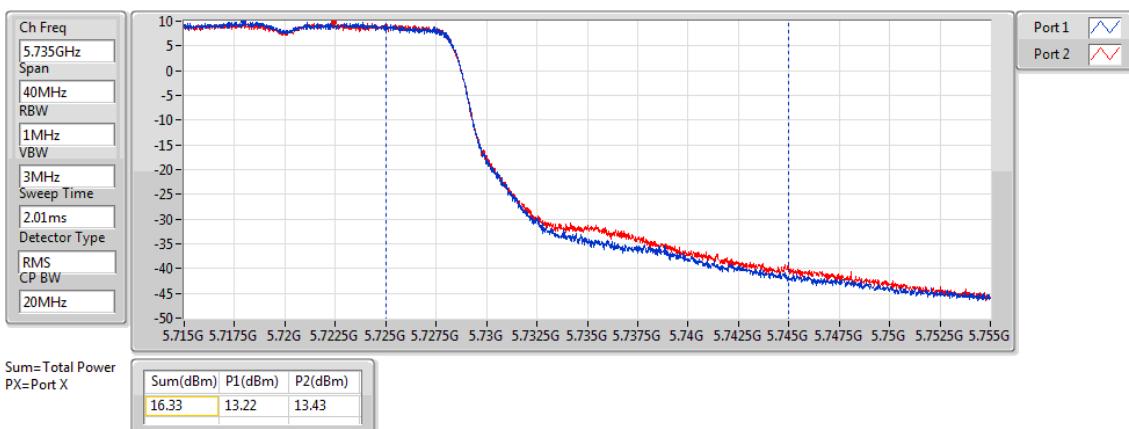
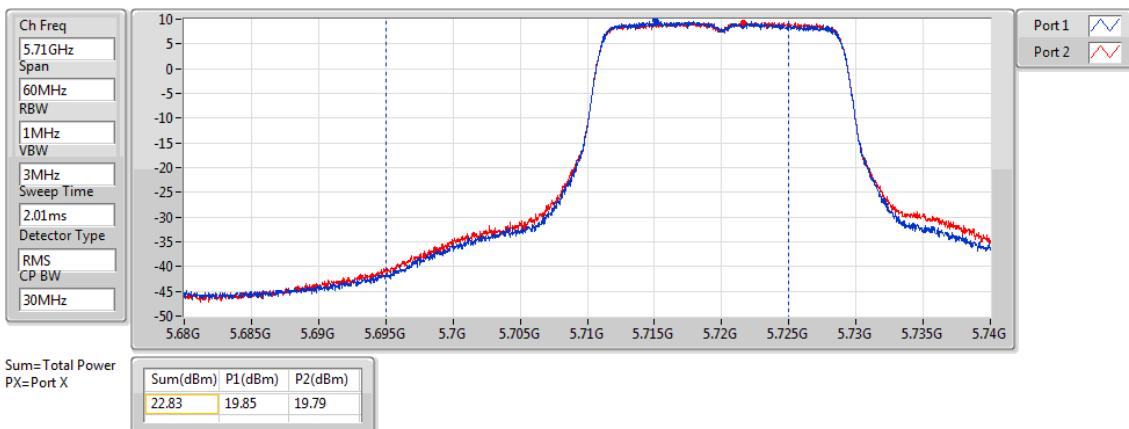
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	2.75	20.66	20.79	23.74	30.00
5200MHz	Pass	2.75	20.60	20.66	23.64	30.00
5240MHz	Pass	2.75	20.83	20.61	23.73	30.00
5260MHz	Pass	2.75	20.68	20.59	23.65	23.89
5300MHz	Pass	2.75	20.63	20.59	23.62	23.90
5320MHz	Pass	2.75	20.83	20.55	23.70	23.89
5500MHz	Pass	2.75	20.59	20.68	23.65	23.89
5580MHz	Pass	2.75	20.35	20.48	23.43	23.95
5700MHz	Pass	2.75	20.75	20.60	23.69	23.95
5720MHz Straddle 5.47-5.725GHz	Pass	2.75	19.75	19.66	22.72	22.79
5720MHz Straddle 5.725-5.85GHz	Pass	2.75	13.22	13.43	16.34	30.00
5745MHz	Pass	2.75	20.56	20.69	23.64	30.00
5785MHz	Pass	2.75	20.60	20.72	23.67	30.00
5825MHz	Pass	2.75	20.59	20.74	23.68	30.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	2.75	21.07	21.00	24.05	30.00
5200MHz	Pass	2.75	21.11	21.05	24.09	30.00
5240MHz	Pass	2.75	20.93	20.87	23.91	30.00
5260MHz	Pass	2.75	20.90	20.99	23.96	23.98
5300MHz	Pass	2.75	20.85	21.00	23.94	23.98
5320MHz	Pass	2.75	20.94	20.68	23.82	23.98
5500MHz	Pass	2.75	20.90	20.93	23.93	23.98
5580MHz	Pass	2.75	20.51	20.86	23.70	23.98
5700MHz	Pass	2.75	20.90	20.82	23.87	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	2.75	19.85	19.79	22.83	22.88
5720MHz Straddle 5.725-5.85GHz	Pass	2.75	13.74	14.08	16.92	30.00
5745MHz	Pass	2.75	20.62	20.75	23.70	30.00
5785MHz	Pass	2.75	20.66	21.01	23.85	30.00
5825MHz	Pass	2.75	20.66	20.92	23.80	30.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	2.75	21.27	21.10	24.20	30.00
5230MHz	Pass	2.75	21.16	20.93	24.06	30.00
5270MHz	Pass	2.75	21.02	20.90	23.97	23.98
5310MHz	Pass	2.75	18.45	18.60	21.54	23.98
5510MHz	Pass	2.75	21.08	20.77	23.94	23.98
5550MHz	Pass	2.75	20.87	20.70	23.80	23.98
5670MHz	Pass	2.75	20.90	20.89	23.91	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	2.75	20.97	20.54	23.77	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	2.75	9.24	8.87	12.07	30.00
5755MHz	Pass	2.75	20.99	20.89	23.95	30.00
5795MHz	Pass	2.75	21.10	20.91	24.02	30.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-

**FCC Test Report****Report No. : FR760613AC**

Mode	Result	DG	Port 1	Port 2	Total Power	Power Limit
5210MHz	Pass	2.75	20.70	20.53	23.62	30.00
5290MHz	Pass	2.75	15.82	16.27	19.06	23.98
5530MHz	Pass	2.75	20.86	20.79	23.84	23.98
5610MHz	Pass	2.75	20.78	20.77	23.79	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	2.75	20.87	20.94	23.92	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	2.75	6.64	6.49	9.58	30.00
5775MHz	Pass	2.75	20.78	20.80	23.80	30.00

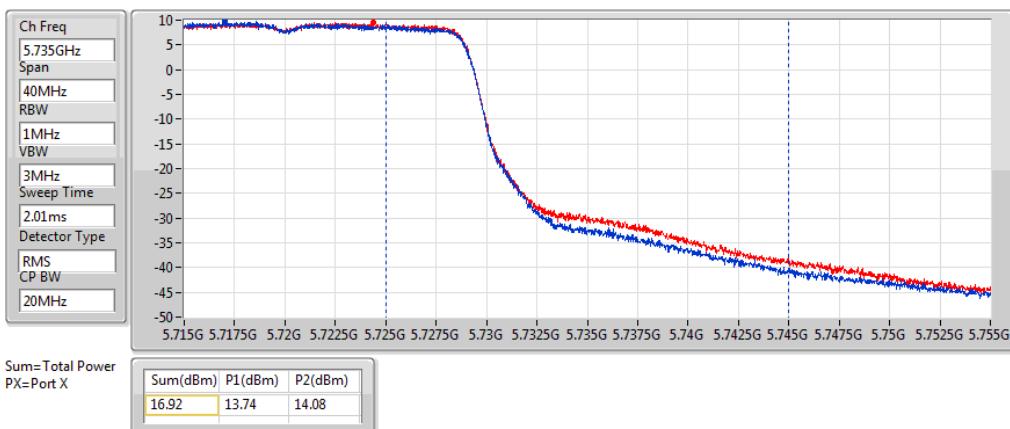
DG = Directional Gain; **Port X** = Port X output power

**802.11a_(6Mbps)_2TX****AV Power****5720MHz Straddle 5.47-5.725GHz****802.11a_(6Mbps)_2TX****AV Power****5720MHz Straddle 5.725-5.85GHz****802.11ac VHT20_Nss1,(MCS0)_2TX****AV Power****5720MHz Straddle 5.47-5.725GHz**



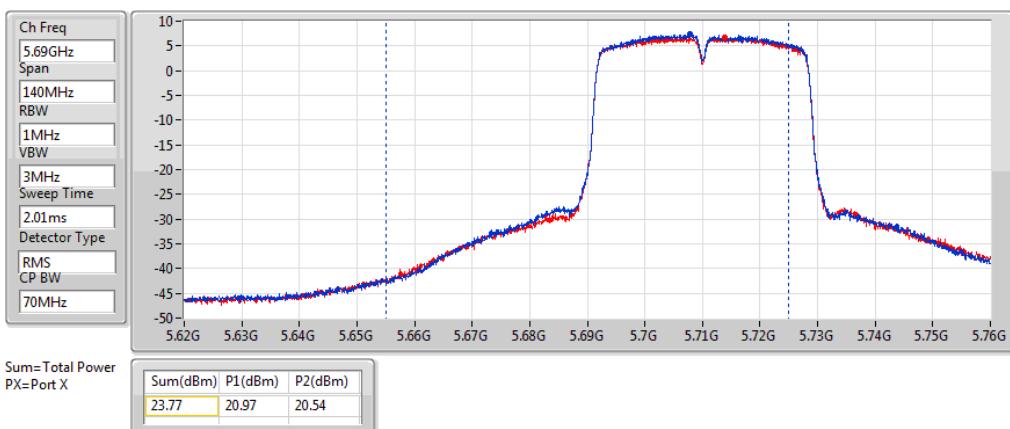
802.11ac VHT20_Nss1,(MCS0)_2TX
5720MHz Straddle 5.725-5.85GHz

AV Power



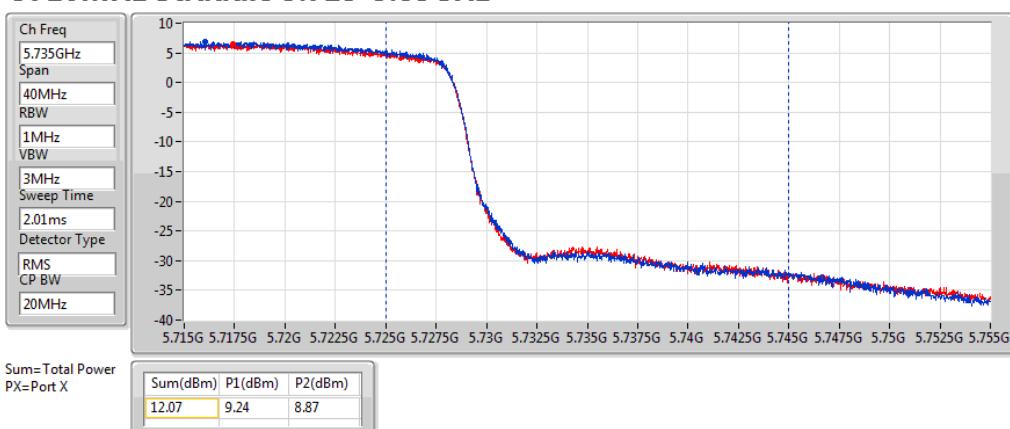
802.11ac VHT40_Nss1,(MCS0)_2TX
5710MHz Straddle 5.47-5.725GHz

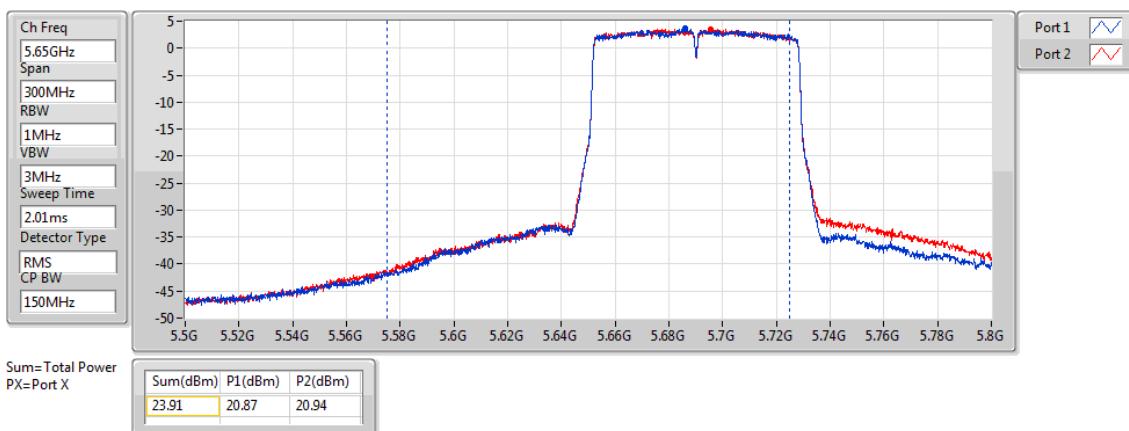
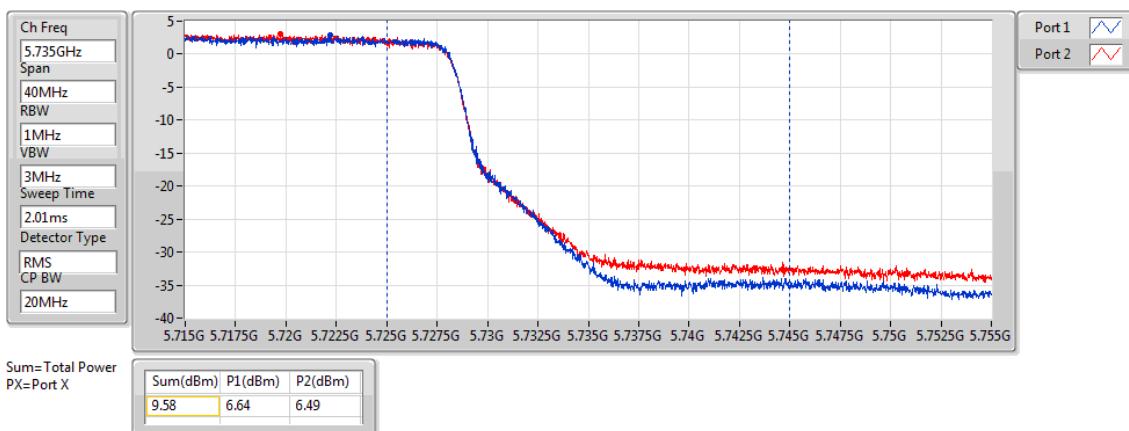
AV Power



802.11ac VHT40_Nss1,(MCS0)_2TX
5710MHz Straddle 5.725-5.85GHz

AV Power



**802.11ac VHT80_Nss1,(MCS0)_2TX****AV Power****5690MHz Straddle 5.47-5.725GHz****802.11ac VHT80_Nss1,(MCS0)_2TX****AV Power****5690MHz Straddle 5.725-5.85GHz**



<For Beamforming Mode>

Summary

Mode	Total Power (dBm)	Total Power (W)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	24.07	0.25527
5.25-5.35GHz	22.09	0.16181
5.47-5.725GHz	22.44	0.17539
5.725-5.85GHz	24.25	0.26607
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	24.17	0.26122
5.25-5.35GHz	23.86	0.24322
5.47-5.725GHz	23.87	0.24378
5.725-5.85GHz	24.21	0.26363
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	23.99	0.25061
5.25-5.35GHz	18.95	0.07852
5.47-5.725GHz	23.91	0.24604
5.725-5.85GHz	24.03	0.25293



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	3.70	20.86	20.78	23.83	30.00
5200MHz	Pass	3.70	20.93	20.98	23.97	30.00
5240MHz	Pass	3.70	20.87	21.25	24.07	30.00
5260MHz	Pass	3.70	18.93	18.81	21.88	23.98
5300MHz	Pass	3.70	19.00	18.75	21.89	23.98
5320MHz	Pass	3.70	18.91	19.25	22.09	23.98
5500MHz	Pass	3.70	19.27	19.40	22.35	23.98
5580MHz	Pass	3.70	19.46	19.40	22.44	23.98
5700MHz	Pass	3.70	18.91	19.21	22.07	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.70	18.39	18.68	21.55	22.79
5720MHz Straddle 5.725-5.85GHz	Pass	3.70	12.68	12.64	15.67	30.00
5745MHz	Pass	3.70	21.03	21.03	24.04	30.00
5785MHz	Pass	3.70	20.94	20.92	23.94	30.00
5825MHz	Pass	3.70	21.08	21.40	24.25	30.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	3.70	20.68	20.60	23.65	30.00
5230MHz	Pass	3.70	21.18	21.13	24.17	30.00
5270MHz	Pass	3.70	20.77	20.92	23.86	23.98
5310MHz	Pass	3.70	21.00	20.61	23.82	23.98
5510MHz	Pass	3.70	20.02	19.99	23.02	23.98
5550MHz	Pass	3.70	20.84	20.88	23.87	23.98
5670MHz	Pass	3.70	20.88	20.79	23.85	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	3.70	20.58	20.81	23.71	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	3.70	9.67	9.75	12.72	30.00
5755MHz	Pass	3.70	20.96	21.08	24.03	30.00
5795MHz	Pass	3.70	21.22	21.18	24.21	30.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	3.70	21.09	20.87	23.99	30.00
5290MHz	Pass	3.70	15.82	16.05	18.95	23.98
5530MHz	Pass	3.70	20.53	20.42	23.49	23.98
5610MHz	Pass	3.70	20.86	20.94	23.91	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	3.70	20.62	20.61	23.63	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	3.70	5.99	6.06	9.04	30.00
5775MHz	Pass	3.70	20.92	21.12	24.03	30.00

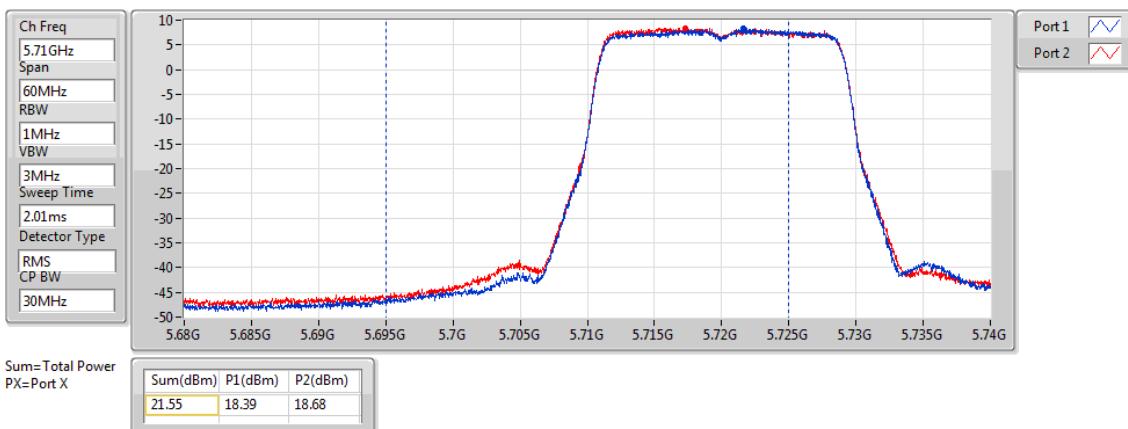
DG = Directional Gain; **Port X** = Port X output power



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

AV Power

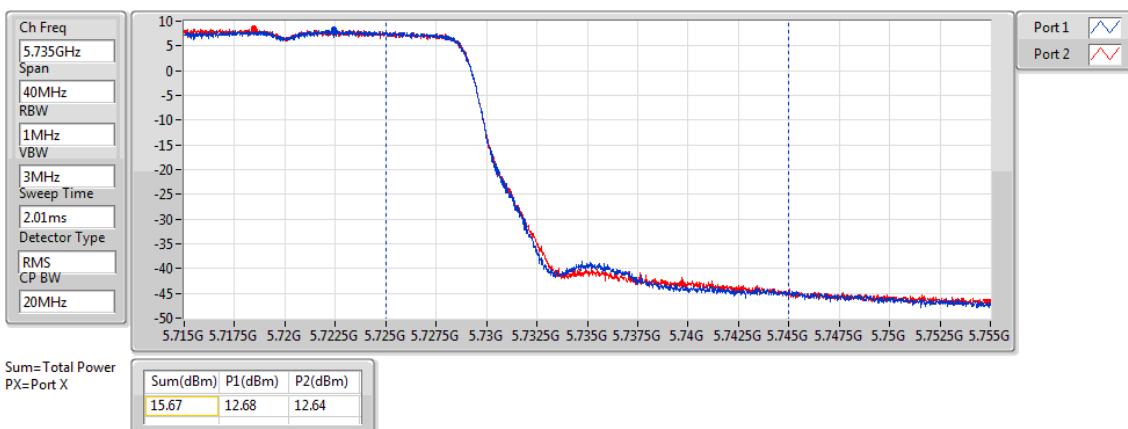
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

AV Power

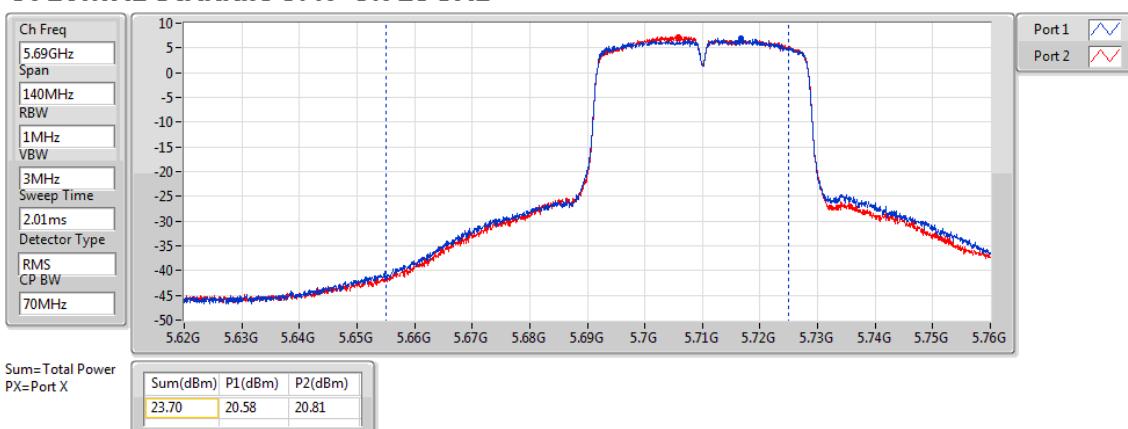
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

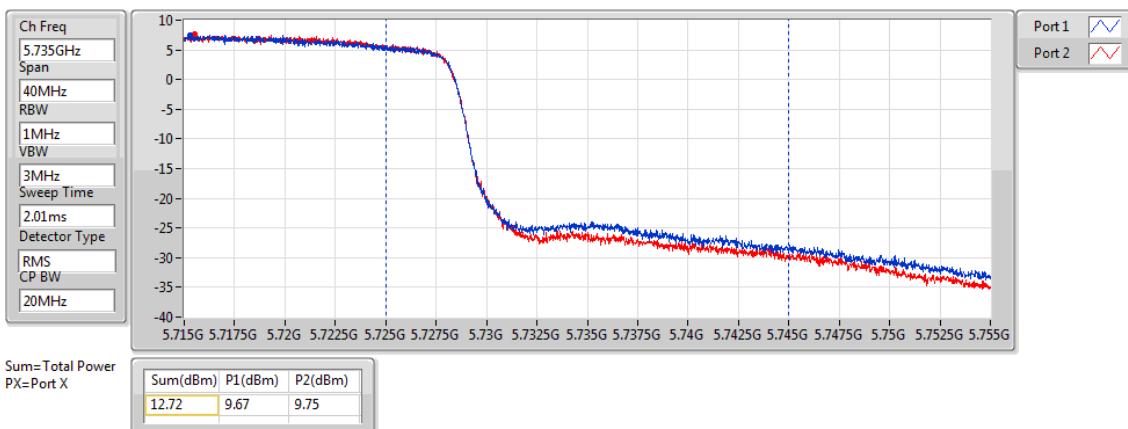




802.11ac VHT40-BF_Nss1,(MCS0)_2TX

AV Power

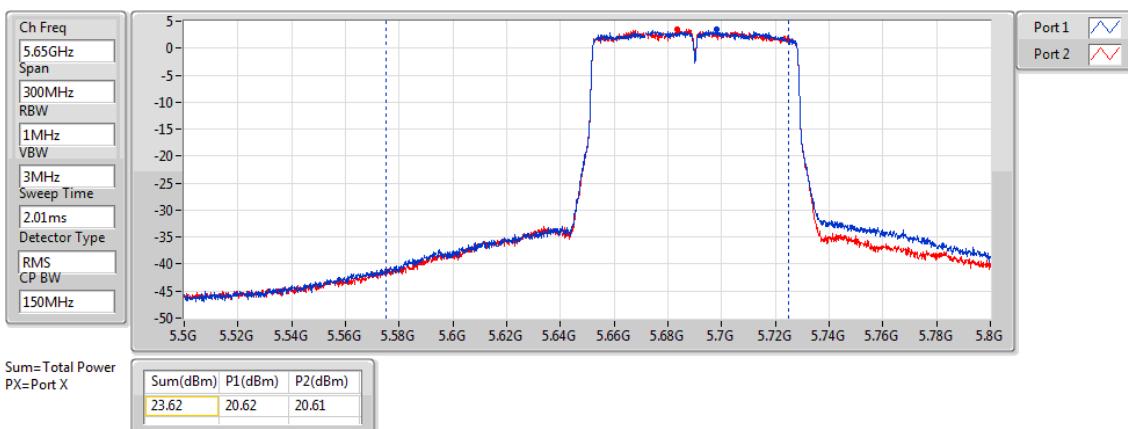
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

AV Power

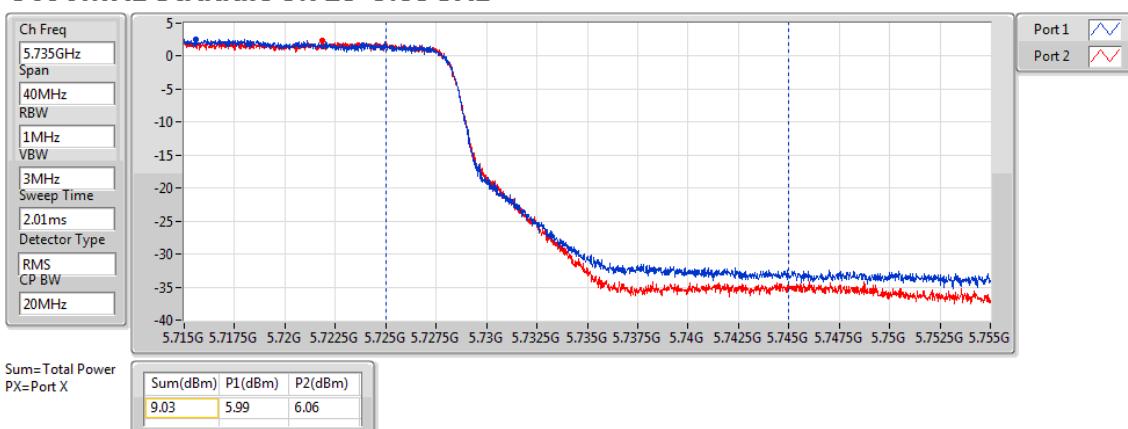
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz





For Set 6 antennas / 3TX:
<For Non-Beamforming Mode>
Summary

Mode	Total Power (dBm)	Total Power (W)
802.11a_(6Mbps)_3TX	-	-
5.15-5.25GHz	25.68	0.36983
5.25-5.35GHz	23.60	0.22909
5.47-5.725GHz	23.91	0.24604
5.725-5.85GHz	26.05	0.40272
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	25.88	0.38726
5.25-5.35GHz	23.80	0.23988
5.47-5.725GHz	23.86	0.24322
5.725-5.85GHz	25.70	0.37154
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	25.98	0.39628
5.25-5.35GHz	23.85	0.24266
5.47-5.725GHz	23.93	0.24717
5.725-5.85GHz	25.79	0.37931
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	24.92	0.31046
5.25-5.35GHz	20.02	0.10046
5.47-5.725GHz	23.60	0.22909
5.725-5.85GHz	25.69	0.37068



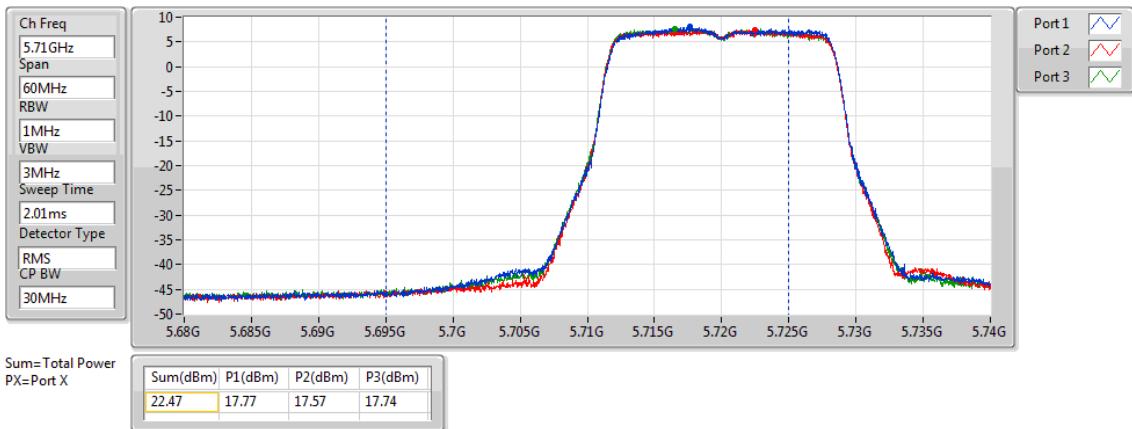
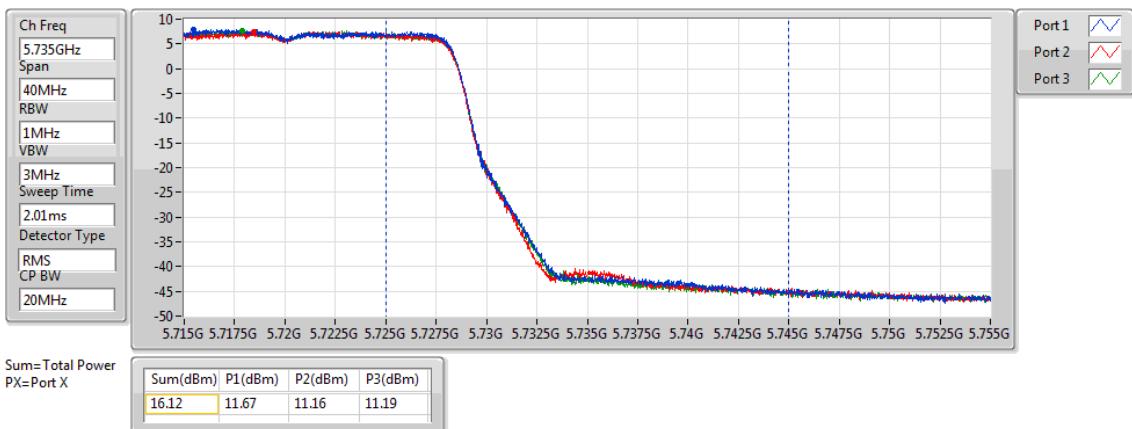
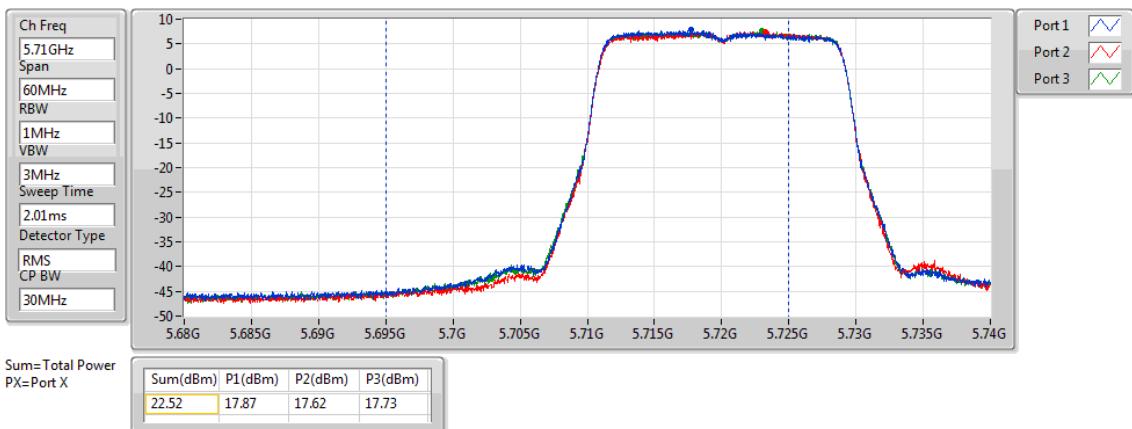
Result

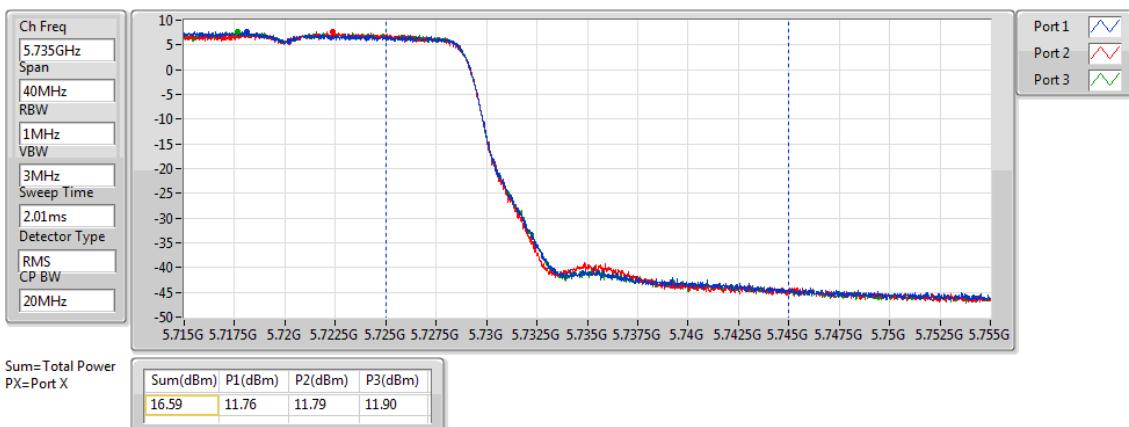
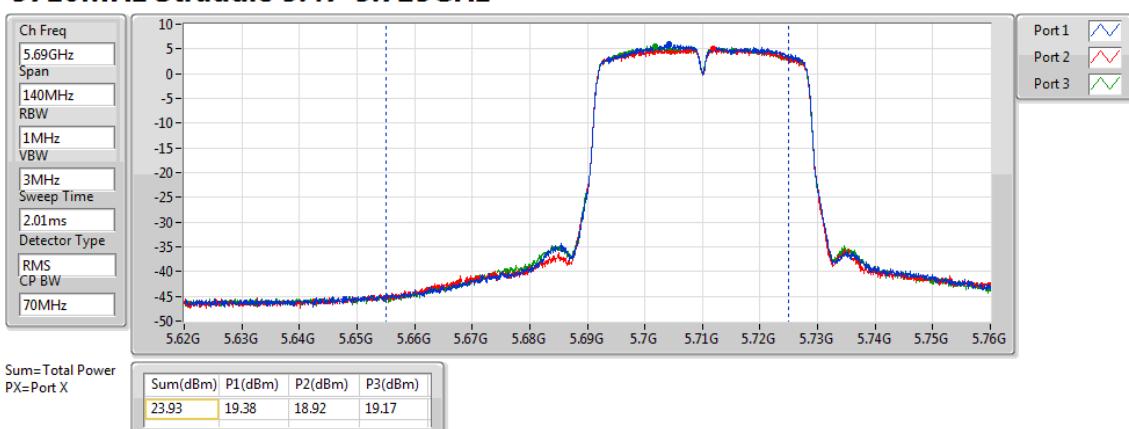
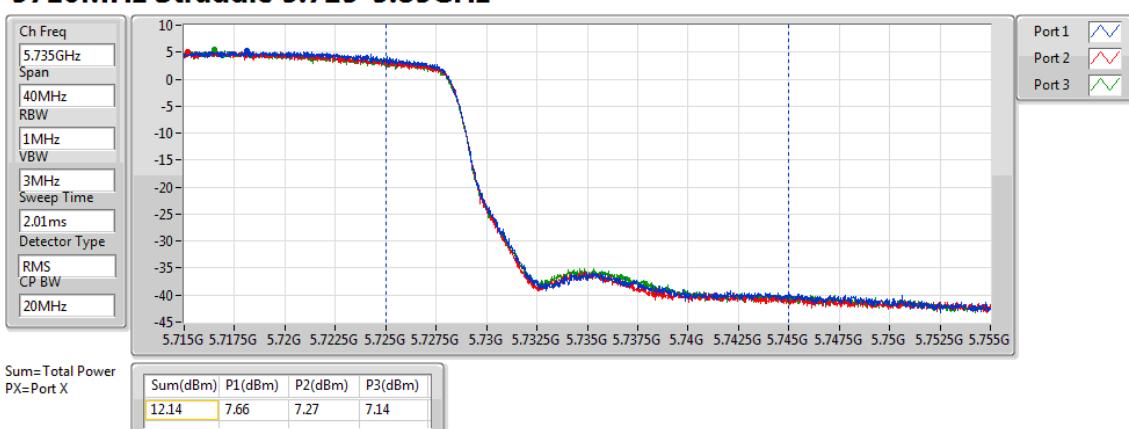
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_(6Mbps)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	2.75	20.98	20.87	20.80	25.66	30.00
5200MHz	Pass	2.75	20.95	20.87	20.92	25.68	30.00
5240MHz	Pass	2.75	20.88	20.78	20.93	25.63	30.00
5260MHz	Pass	2.75	18.72	18.68	18.88	23.53	23.84
5300MHz	Pass	2.75	18.57	18.93	18.98	23.60	23.86
5320MHz	Pass	2.75	18.77	18.57	18.96	23.54	23.86
5500MHz	Pass	2.75	18.62	18.52	18.39	23.28	23.85
5580MHz	Pass	2.75	18.91	18.96	18.93	23.70	23.84
5700MHz	Pass	2.75	19.19	19.03	19.18	23.91	23.94
5720MHz Straddle 5.47-5.725GHz	Pass	2.75	17.77	17.57	17.74	22.47	22.65
5720MHz Straddle 5.725-5.85GHz	Pass	2.75	11.67	11.16	11.19	16.12	30.00
5745MHz	Pass	2.75	21.04	21.09	21.28	25.91	30.00
5785MHz	Pass	2.75	21.10	21.17	21.48	26.02	30.00
5825MHz	Pass	2.75	21.11	21.36	21.35	26.05	30.00
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	2.75	21.19	21.09	21.02	25.87	30.00
5200MHz	Pass	2.75	21.12	21.09	21.13	25.88	30.00
5240MHz	Pass	2.75	21.07	20.89	21.18	25.82	30.00
5260MHz	Pass	2.75	18.83	18.97	19.07	23.73	23.98
5300MHz	Pass	2.75	18.86	18.95	19.28	23.80	23.98
5320MHz	Pass	2.75	18.98	18.52	19.20	23.68	23.98
5500MHz	Pass	2.75	18.95	18.82	18.96	23.68	23.98
5580MHz	Pass	2.75	19.00	19.19	19.07	23.86	23.98
5700MHz	Pass	2.75	19.04	18.67	18.88	23.64	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	2.75	17.87	17.62	17.73	22.51	22.79
5720MHz Straddle 5.725-5.85GHz	Pass	2.75	11.76	11.79	11.90	16.59	30.00
5745MHz	Pass	2.75	20.70	20.73	21.03	25.59	30.00
5785MHz	Pass	2.75	20.83	20.87	21.09	25.70	30.00
5825MHz	Pass	2.75	20.72	20.99	21.02	25.68	30.00
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5190MHz	Pass	2.75	20.27	20.08	20.30	24.99	30.00
5230MHz	Pass	2.75	21.20	21.02	21.41	25.98	30.00
5270MHz	Pass	2.75	18.97	19.15	19.11	23.85	23.98
5310MHz	Pass	2.75	16.24	16.77	16.79	21.38	23.98
5510MHz	Pass	2.75	18.95	18.93	18.82	23.67	23.98
5550MHz	Pass	2.75	18.86	18.80	18.71	23.56	23.98
5670MHz	Pass	2.75	18.97	18.91	18.61	23.60	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	2.75	19.38	18.92	19.17	23.93	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	2.75	7.66	7.27	7.14	12.13	30.00
5755MHz	Pass	2.75	20.91	20.77	20.97	25.66	30.00
5795MHz	Pass	2.75	21.02	20.79	21.23	25.79	30.00
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-

**FCC Test Report****Report No. : FR760613AC**

Mode	Result	DG	Port 1	Port 2	Port 3	Total Power	Power Limit
5210MHz	Pass	2.75	20.07	20.08	20.30	24.92	30.00
5290MHz	Pass	2.75	14.95	15.38	15.39	20.02	23.98
5530MHz	Pass	2.75	18.90	18.76	18.82	23.60	23.98
5610MHz	Pass	2.75	18.92	18.78	18.69	23.57	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	2.75	18.88	18.76	18.63	23.53	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	2.75	4.66	4.32	3.70	9.02	30.00
5775MHz	Pass	2.75	20.87	20.92	20.97	25.69	30.00

DG = Directional Gain; **Port X** = Port X output power

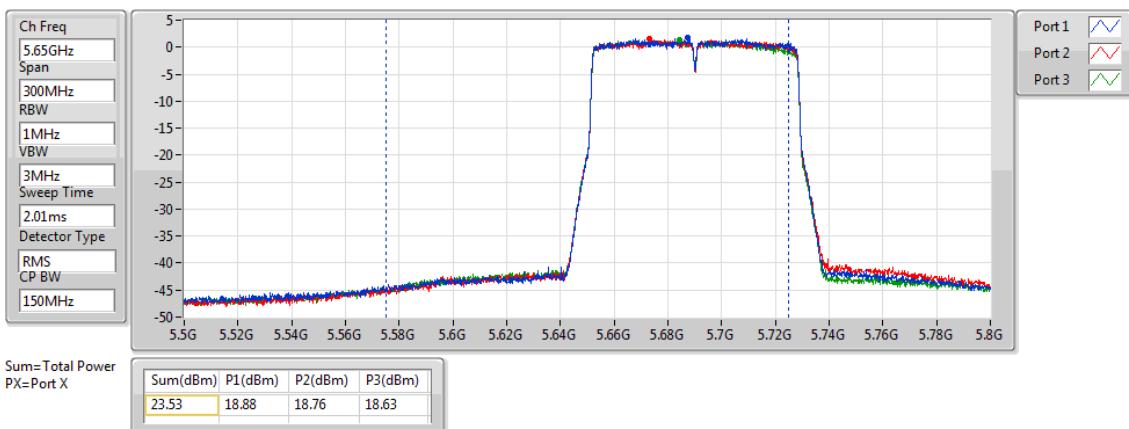
**802.11a_(6Mbps)_3TX****AV Power****5720MHz Straddle 5.47-5.725GHz****802.11a_(6Mbps)_3TX****AV Power****5720MHz Straddle 5.725-5.85GHz****802.11ac VHT20_Nss1,(MCS0)_3TX****AV Power****5720MHz Straddle 5.47-5.725GHz**

**802.11ac VHT20_Nss1,(MCS0)_3TX
5720MHz Straddle 5.725-5.85GHz****AV Power****802.11ac VHT40_Nss1,(MCS0)_3TX
5710MHz Straddle 5.47-5.725GHz****AV Power****802.11ac VHT40_Nss1,(MCS0)_3TX
5710MHz Straddle 5.725-5.85GHz****AV Power**



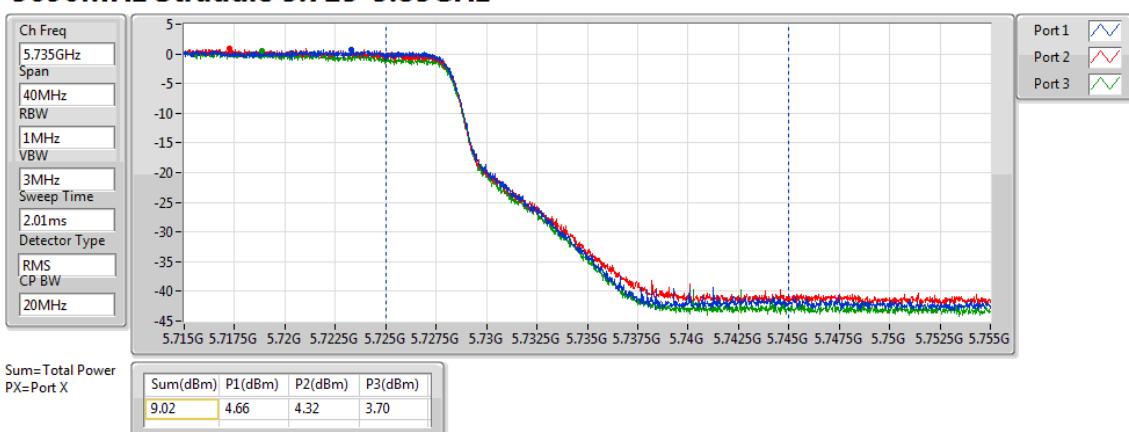
802.11ac VHT80_Nss1,(MCS0)_3TX
5690MHz Straddle 5.47-5.725GHz

AV Power



802.11ac VHT80_Nss1,(MCS0)_3TX
5690MHz Straddle 5.725-5.85GHz

AV Power





<For Beamforming Mode>

Summary

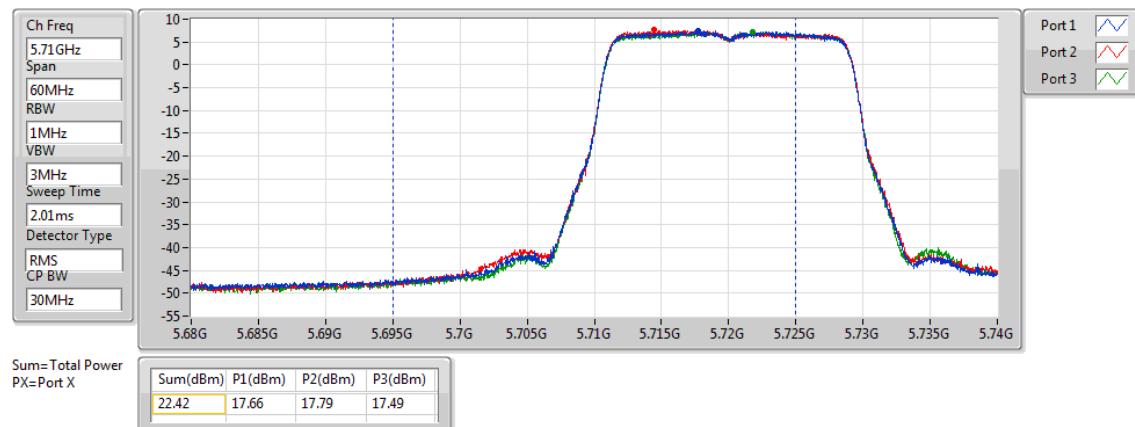
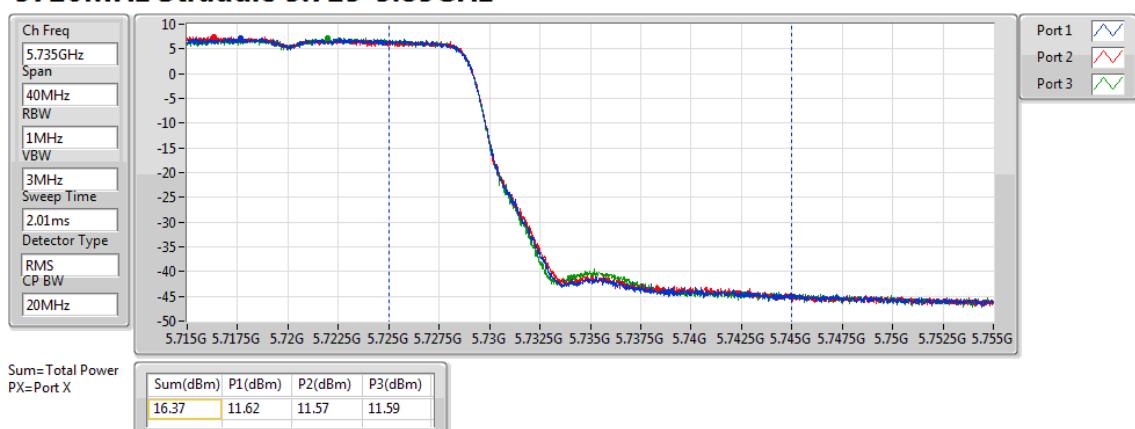
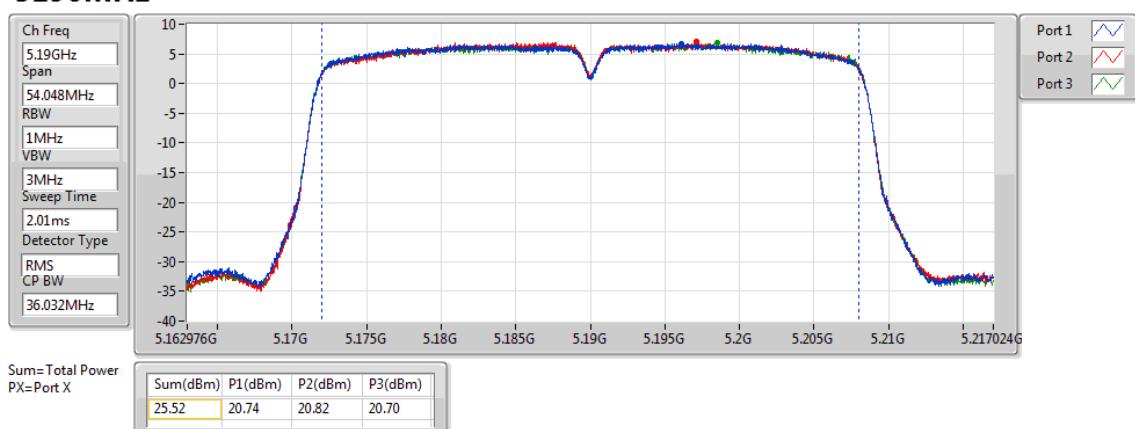
Mode	Total Power (dBm)	Total Power (W)
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	25.91	0.38994
5.25-5.35GHz	23.95	0.24831
5.47-5.725GHz	23.87	0.24378
5.725-5.85GHz	25.67	0.36898
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	25.91	0.38994
5.25-5.35GHz	23.92	0.24660
5.47-5.725GHz	23.85	0.24266
5.725-5.85GHz	25.61	0.36392
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	24.82	0.30339
5.25-5.35GHz	20.24	0.10568
5.47-5.725GHz	23.77	0.23823
5.725-5.85GHz	25.44	0.34995



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	5.80	21.07	21.10	21.04	25.84	30.00
5200MHz	Pass	5.80	21.23	21.10	21.10	25.91	30.00
5240MHz	Pass	5.80	21.24	21.08	20.86	25.83	30.00
5260MHz	Pass	5.80	19.02	18.81	19.00	23.72	23.98
5300MHz	Pass	5.80	19.34	18.93	19.25	23.95	23.98
5320MHz	Pass	5.80	19.31	19.23	18.81	23.89	23.98
5500MHz	Pass	5.80	18.97	19.13	18.86	23.76	23.98
5580MHz	Pass	5.80	18.88	19.04	18.81	23.68	23.98
5700MHz	Pass	5.80	19.14	19.28	18.87	23.87	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.80	17.66	17.79	17.49	22.42	22.79
5720MHz Straddle 5.725-5.85GHz	Pass	5.80	11.62	11.57	11.59	16.36	30.00
5745MHz	Pass	5.80	21.31	20.95	19.76	25.49	30.00
5785MHz	Pass	5.80	20.90	20.61	20.86	25.56	30.00
5825MHz	Pass	5.80	20.88	20.86	20.96	25.67	30.00
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5190MHz	Pass	5.80	20.53	20.61	20.32	25.26	30.00
5230MHz	Pass	5.80	21.22	21.17	21.01	25.91	30.00
5270MHz	Pass	5.80	19.19	19.04	19.21	23.92	23.98
5310MHz	Pass	5.80	19.12	19.06	19.18	23.89	23.98
5510MHz	Pass	5.80	19.06	19.17	19.00	23.85	23.98
5550MHz	Pass	5.80	18.96	19.02	18.85	23.72	23.98
5670MHz	Pass	5.80	18.79	19.10	18.93	23.71	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.80	19.03	19.23	18.76	23.78	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.80	6.86	7.33	6.66	11.73	30.00
5755MHz	Pass	5.80	20.98	20.73	20.81	25.61	30.00
5795MHz	Pass	5.80	21.07	20.63	20.72	25.58	30.00
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5210MHz	Pass	5.80	20.06	20.12	19.96	24.82	30.00
5290MHz	Pass	5.80	15.63	15.32	15.45	20.24	23.98
5530MHz	Pass	5.80	18.92	19.12	18.96	23.77	23.98
5610MHz	Pass	5.80	18.84	19.00	18.75	23.64	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.80	18.79	19.13	18.79	23.68	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.80	4.22	5.12	4.70	9.47	30.00
5775MHz	Pass	5.80	20.43	20.73	20.83	25.44	30.00

DG = Directional Gain; **Port X** = Port X output power

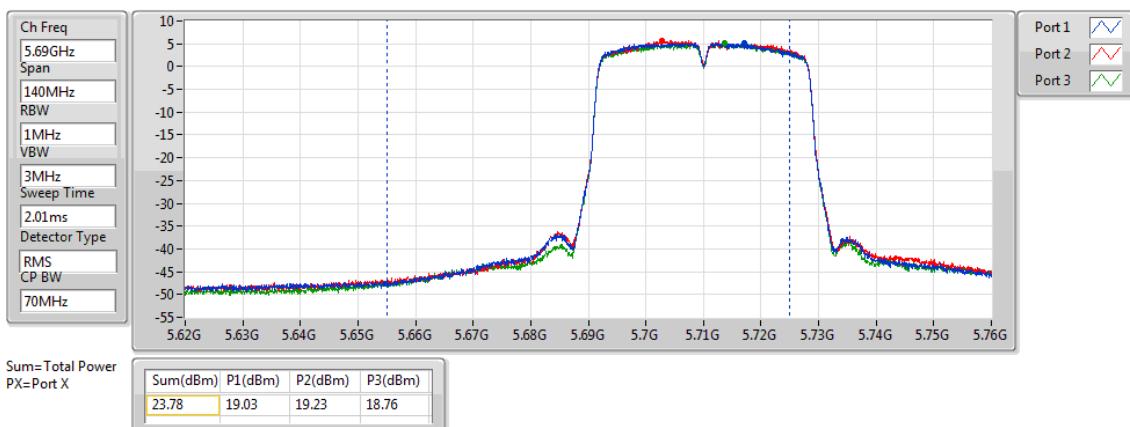
**802.11ac VHT20-BF_Nss1,(MCS0)_3TX
5720MHz Straddle 5.47-5.725GHz****AV Power****802.11ac VHT20-BF_Nss1,(MCS0)_3TX
5720MHz Straddle 5.725-5.85GHz****AV Power****802.11ac VHT40-BF_Nss1,(MCS0)_3TX
5190MHz****AV Power**



802.11ac VHT40-BF_Nss1,(MCS0)_3TX

AV Power

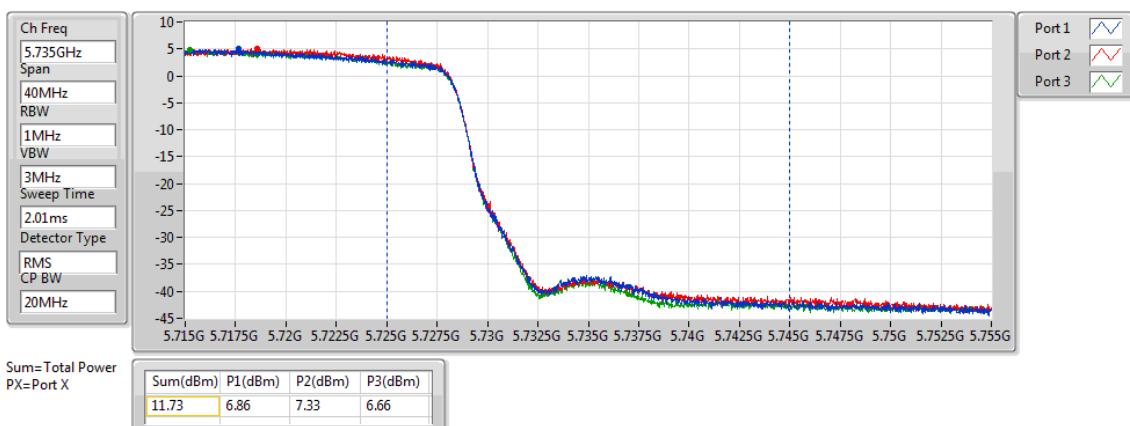
5710MHz Straddle 5.47-5.725GHz



802.11ac VHT40-BF_Nss1,(MCS0)_3TX

AV Power

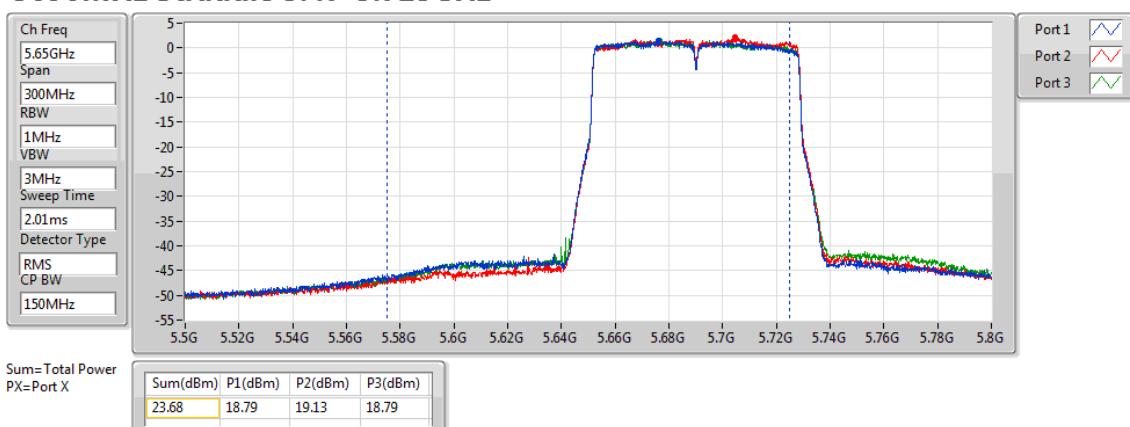
5710MHz Straddle 5.725-5.85GHz

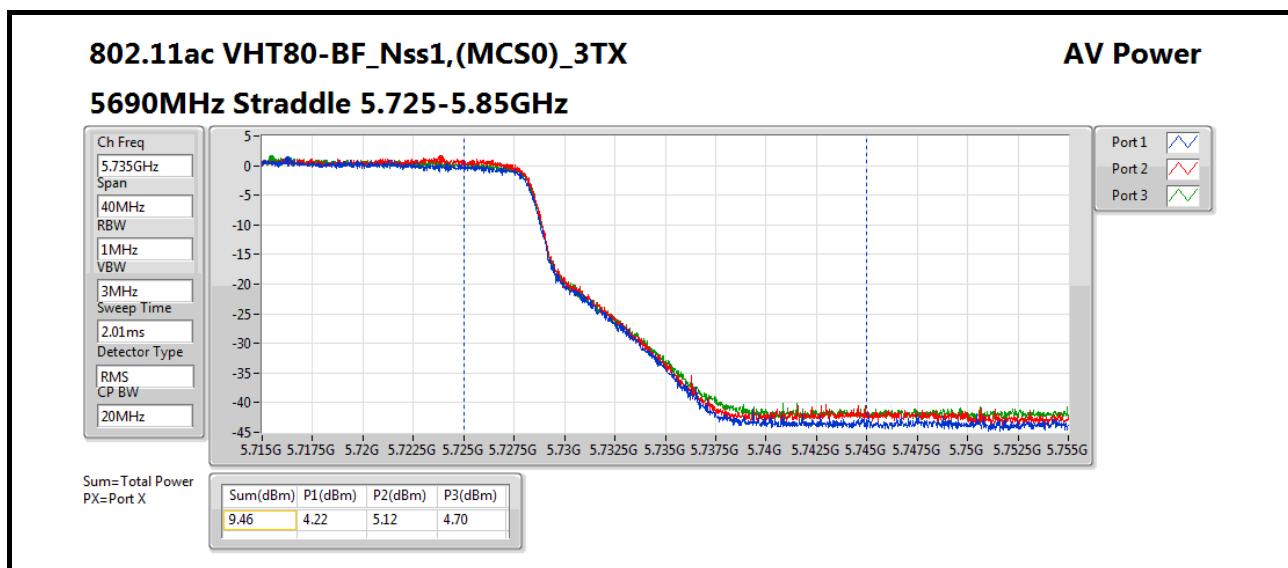


802.11ac VHT80-BF_Nss1,(MCS0)_3TX

AV Power

5690MHz Straddle 5.47-5.725GHz







**For Radio 3:
For Set 2 antennas / 1TX:
Summary**

Mode	Total Power (dBm)	Total Power (W)
802.11a_(6Mbps)_1TX	-	-
5.15-5.25GHz	20.25	0.10593
5.25-5.35GHz	20.90	0.12303
5.47-5.725GHz	20.43	0.11041
5.725-5.85GHz	20.05	0.10116
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-
5.15-5.25GHz	20.39	0.10940
5.25-5.35GHz	21.06	0.12764
5.47-5.725GHz	20.46	0.11117
5.725-5.85GHz	20.09	0.10209
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-
5.15-5.25GHz	17.44	0.05546
5.25-5.35GHz	19.44	0.08790
5.47-5.725GHz	21.01	0.12618
5.725-5.85GHz	20.44	0.11066
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-
5.15-5.25GHz	11.62	0.01452
5.25-5.35GHz	11.40	0.01380
5.47-5.725GHz	21.35	0.13646
5.725-5.85GHz	17.32	0.05395



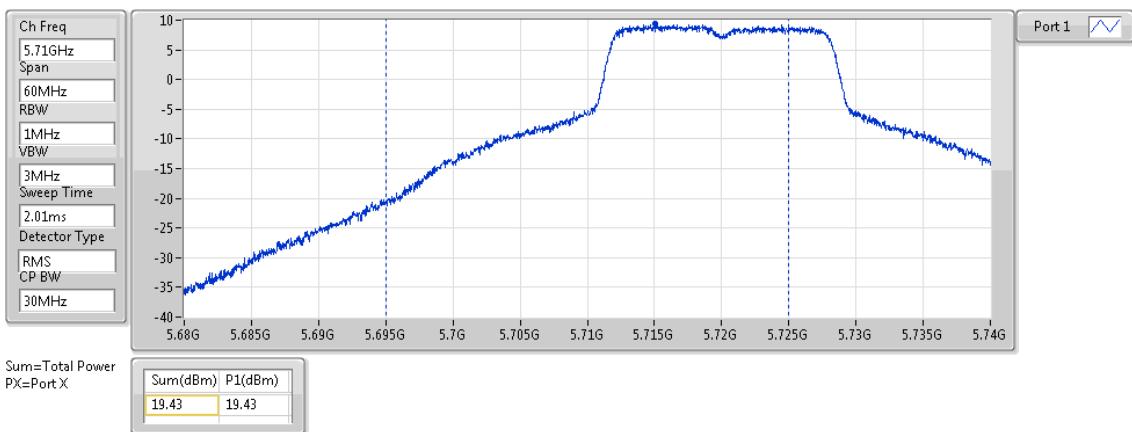
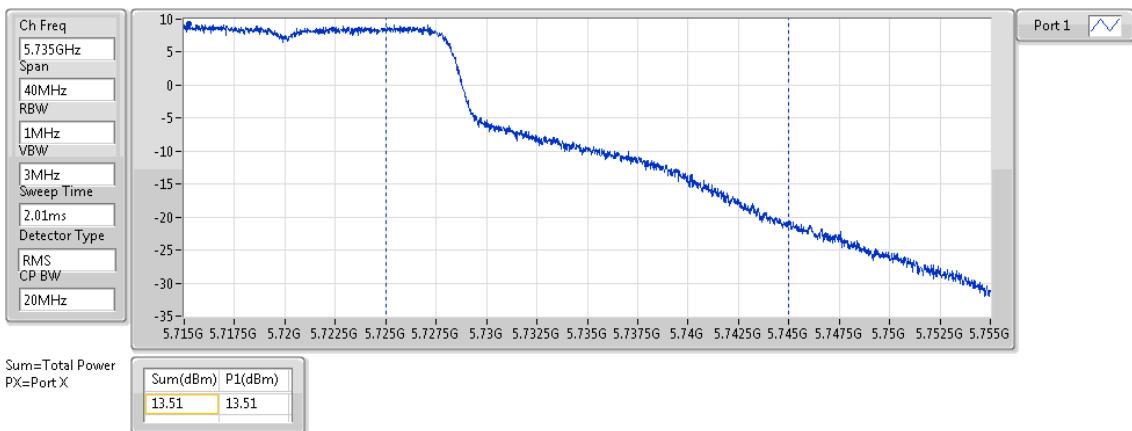
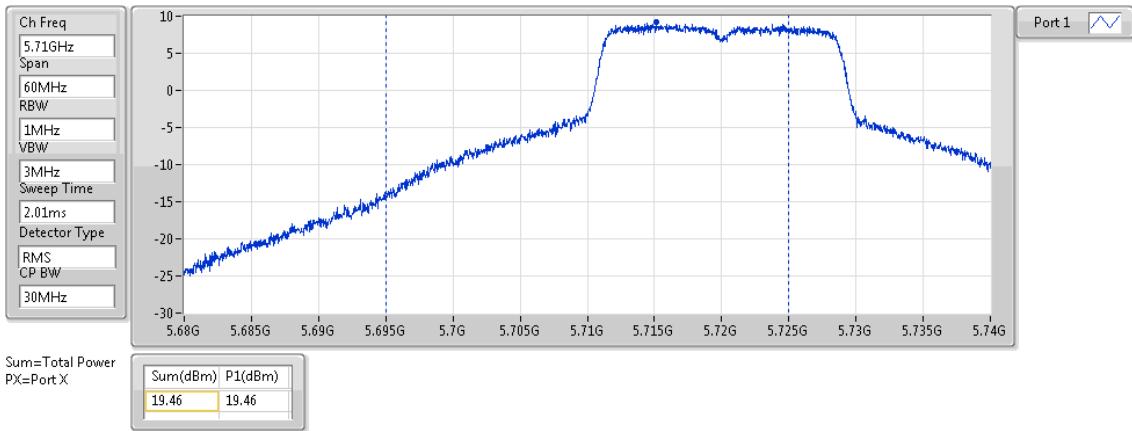
Result

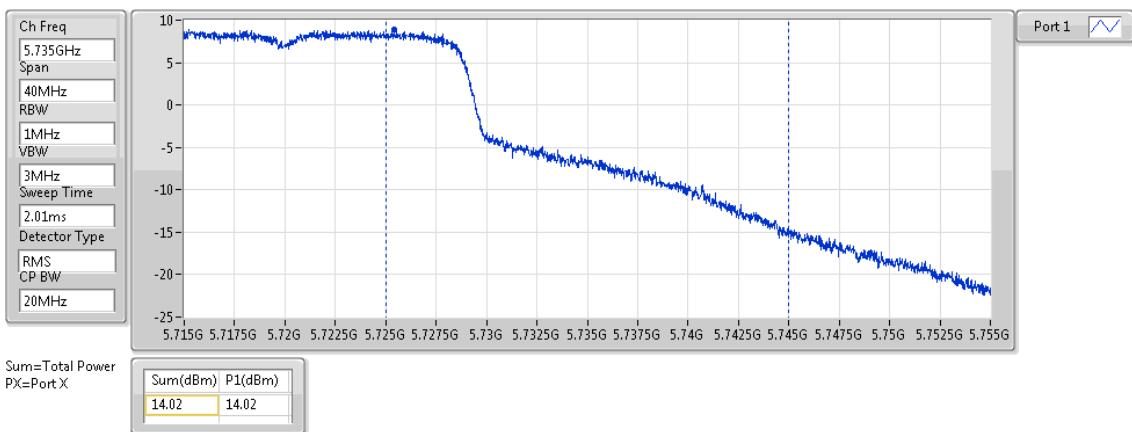
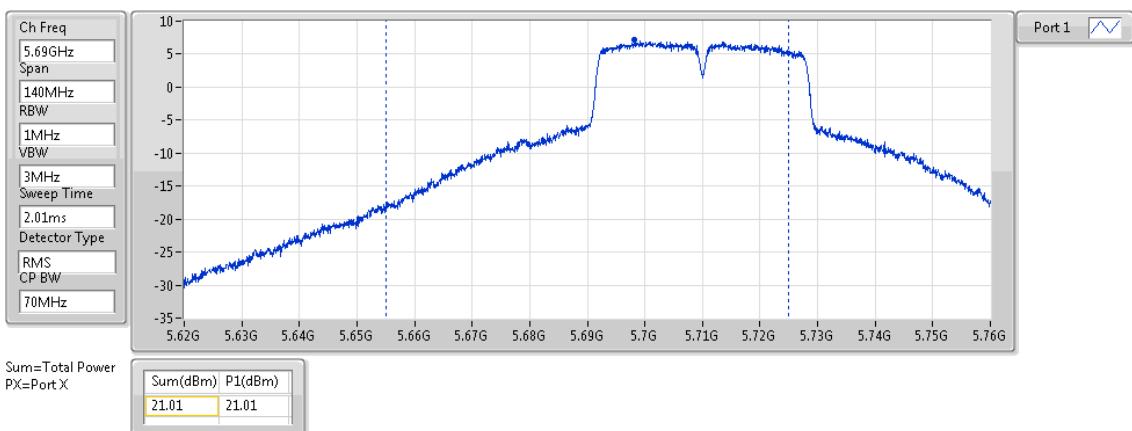
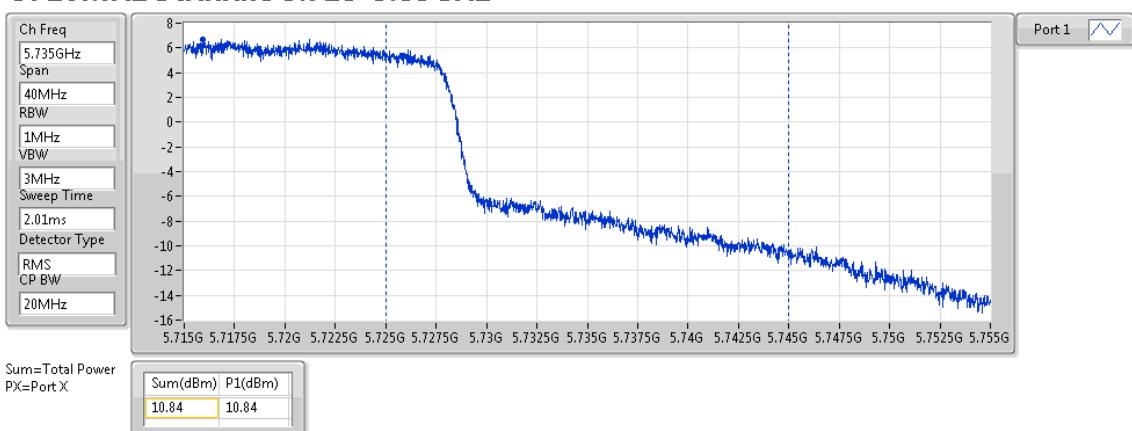
Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	5.20	17.88	17.88	23.98
5200MHz	Pass	5.20	20.25	20.25	23.98
5240MHz	Pass	5.20	17.36	17.36	23.98
5260MHz	Pass	5.20	20.90	20.90	23.98
5300MHz	Pass	5.20	20.54	20.54	23.98
5320MHz	Pass	5.20	16.84	16.84	23.98
5500MHz	Pass	5.20	17.39	17.39	23.98
5580MHz	Pass	5.20	20.43	20.43	23.98
5700MHz	Pass	5.20	16.81	16.81	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.20	19.43	19.43	23.98
5720MHz Straddle 5.725-5.85GHz	Pass	5.20	13.51	13.51	30.00
5745MHz	Pass	5.20	20.05	20.05	30.00
5785MHz	Pass	5.20	19.66	19.66	30.00
5825MHz	Pass	5.20	19.21	19.21	30.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	5.20	17.92	17.92	23.98
5200MHz	Pass	5.20	20.39	20.39	23.98
5240MHz	Pass	5.20	17.48	17.48	23.98
5260MHz	Pass	5.20	21.06	21.06	23.98
5300MHz	Pass	5.20	20.67	20.67	23.98
5320MHz	Pass	5.20	16.86	16.86	23.98
5500MHz	Pass	5.20	17.40	17.40	23.98
5580MHz	Pass	5.20	20.46	20.46	23.98
5700MHz	Pass	5.20	16.85	16.85	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.20	19.46	19.46	23.98
5720MHz Straddle 5.725-5.85GHz	Pass	5.20	14.02	14.02	30.00
5745MHz	Pass	5.20	20.09	20.09	30.00
5785MHz	Pass	5.20	19.70	19.70	30.00
5825MHz	Pass	5.20	19.29	19.29	30.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	5.20	12.10	12.10	23.98
5230MHz	Pass	5.20	17.44	17.44	23.98
5270MHz	Pass	5.20	19.44	19.44	23.98
5310MHz	Pass	5.20	12.46	12.46	23.98
5510MHz	Pass	5.20	13.72	13.72	23.98
5550MHz	Pass	5.20	19.77	19.77	23.98
5670MHz	Pass	5.20	19.06	19.06	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.20	21.01	21.01	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.20	10.84	10.84	30.00
5755MHz	Pass	5.20	19.25	19.25	30.00
5795MHz	Pass	5.20	20.44	20.44	30.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-

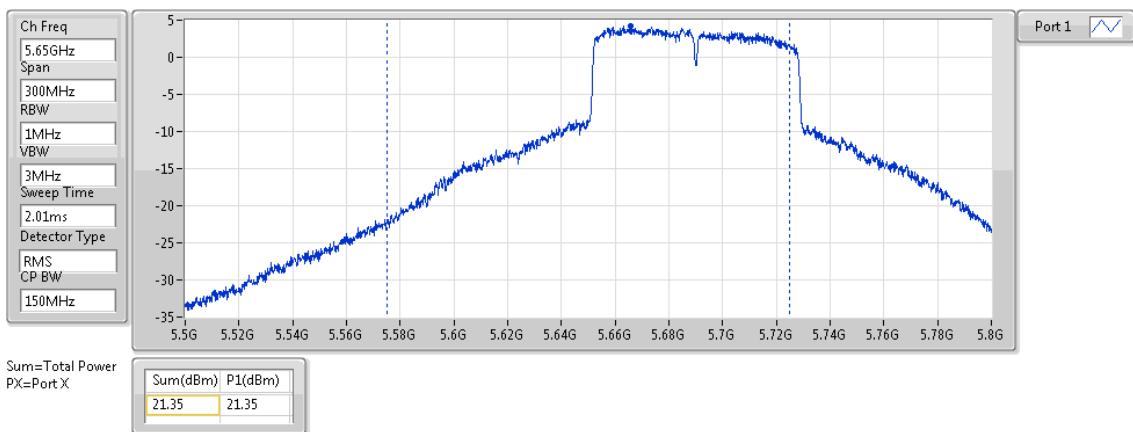
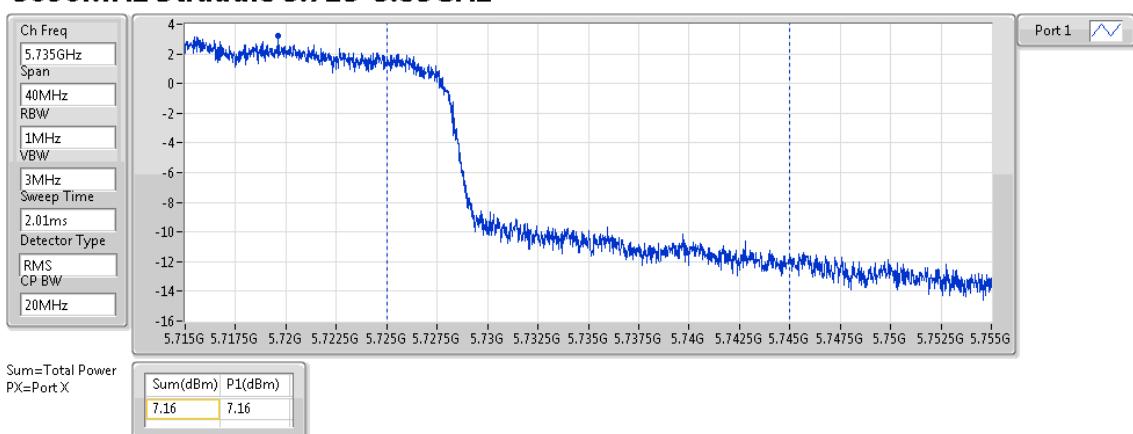
**FCC Test Report****Report No. : FR760613AC**

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
5210MHz	Pass	5.20	11.62	11.62	23.98
5290MHz	Pass	5.20	11.40	11.40	23.98
5530MHz	Pass	5.20	10.99	10.99	23.98
5610MHz	Pass	5.20	18.92	18.92	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.20	21.35	21.35	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.20	7.16	7.16	30.00
5775MHz	Pass	5.20	17.32	17.32	30.00

DG = Directional Gain; **Port X** = Port X output power

**802.11a_(6Mbps)_1TX****AV Power****5720MHz Straddle 5.47-5.725GHz****802.11a_(6Mbps)_1TX****AV Power****5720MHz Straddle 5.725-5.85GHz****802.11ac VHT20_Nss1,(MCS0)_1TX****AV Power****5720MHz Straddle 5.47-5.725GHz**

**802.11ac VHT20_Nss1,(MCS0)_1TX
5720MHz Straddle 5.725-5.85GHz****AV Power****802.11ac VHT40_Nss1,(MCS0)_1TX
5710MHz Straddle 5.47-5.725GHz****AV Power****802.11ac VHT40_Nss1,(MCS0)_1TX
5710MHz Straddle 5.725-5.85GHz****AV Power**

**802.11ac VHT80_Nss1,(MCS0)_1TX
5690MHz Straddle 5.47-5.725GHz****AV Power****802.11ac VHT80_Nss1,(MCS0)_1TX
5690MHz Straddle 5.725-5.85GHz****AV Power**



For Set 3 antennas / 1TX:

Summary

Mode	Total Power (dBm)	Total Power (W)
802.11a_(6Mbps)_1TX	-	-
5.15-5.25GHz	20.29	0.10691
5.25-5.35GHz	20.68	0.11695
5.47-5.725GHz	20.55	0.11350
5.725-5.85GHz	20.81	0.12050
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-
5.15-5.25GHz	20.17	0.10399
5.25-5.35GHz	20.71	0.11776
5.47-5.725GHz	20.52	0.11272
5.725-5.85GHz	20.71	0.11776
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-
5.15-5.25GHz	17.38	0.05470
5.25-5.35GHz	20.34	0.10814
5.47-5.725GHz	20.39	0.10940
5.725-5.85GHz	20.13	0.10304
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-
5.15-5.25GHz	9.60	0.00912
5.25-5.35GHz	7.75	0.00596
5.47-5.725GHz	19.67	0.09268
5.725-5.85GHz	17.53	0.05662



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	9.24	15.26	15.26	20.74
5200MHz	Pass	9.24	20.29	20.29	20.74
5240MHz	Pass	9.24	17.71	17.71	20.74
5260MHz	Pass	9.24	20.59	20.59	20.74
5300MHz	Pass	9.24	20.68	20.68	20.74
5320MHz	Pass	9.24	16.43	16.43	20.74
5500MHz	Pass	9.24	17.34	17.34	20.74
5580MHz	Pass	9.24	20.55	20.55	20.74
5700MHz	Pass	9.24	15.02	15.02	20.74
5720MHz Straddle 5.47-5.725GHz	Pass	9.24	19.63	19.63	20.74
5720MHz Straddle 5.725-5.85GHz	Pass	9.24	14.00	14.00	26.76
5745MHz	Pass	9.24	20.81	20.81	26.76
5785MHz	Pass	9.24	20.25	20.25	26.76
5825MHz	Pass	9.24	19.64	19.64	26.76
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	9.24	15.64	15.64	20.74
5200MHz	Pass	9.24	20.17	20.17	20.74
5240MHz	Pass	9.24	17.63	17.63	20.74
5260MHz	Pass	9.24	20.71	20.71	20.74
5300MHz	Pass	9.24	20.65	20.65	20.74
5320MHz	Pass	9.24	16.38	16.38	20.74
5500MHz	Pass	9.24	17.27	17.27	20.74
5580MHz	Pass	9.24	20.52	20.52	20.74
5700MHz	Pass	9.24	14.98	14.98	20.74
5720MHz Straddle 5.47-5.725GHz	Pass	9.24	19.68	19.68	20.74
5720MHz Straddle 5.725-5.85GHz	Pass	9.24	14.29	14.29	26.76
5745MHz	Pass	9.24	20.71	20.71	26.76
5785MHz	Pass	9.24	20.22	20.22	26.76
5825MHz	Pass	9.24	19.79	19.79	26.76
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	9.24	11.02	11.02	20.74
5230MHz	Pass	9.24	17.38	17.38	20.74
5270MHz	Pass	9.24	20.34	20.34	20.74
5310MHz	Pass	9.24	11.51	11.51	20.74
5510MHz	Pass	9.24	13.67	13.67	20.74
5550MHz	Pass	9.24	18.60	18.60	20.74
5670MHz	Pass	9.24	17.83	17.83	20.74
5710MHz Straddle 5.47-5.725GHz	Pass	9.24	20.39	20.39	20.74
5710MHz Straddle 5.725-5.85GHz	Pass	9.24	10.10	10.10	26.76
5755MHz	Pass	9.24	18.42	18.42	26.76
5795MHz	Pass	9.24	20.13	20.13	26.76
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-

**FCC Test Report****Report No. : FR760613AC**

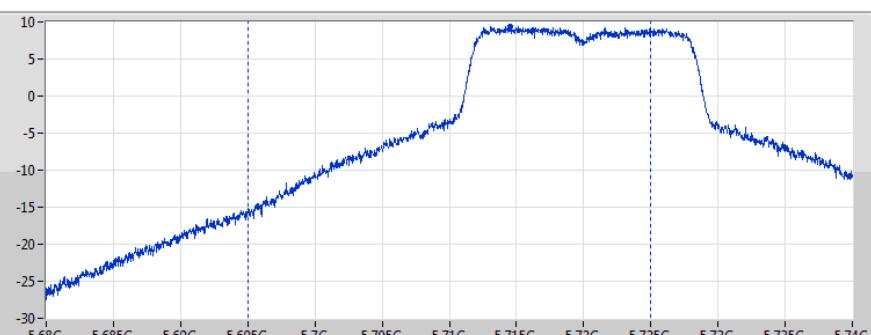
Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
5210MHz	Pass	9.24	9.60	9.60	20.74
5290MHz	Pass	9.24	7.75	7.75	20.74
5530MHz	Pass	9.24	10.85	10.85	20.74
5610MHz	Pass	9.24	17.51	17.51	20.74
5690MHz Straddle 5.47-5.725GHz	Pass	9.24	19.67	19.67	20.74
5690MHz Straddle 5.725-5.85GHz	Pass	9.24	5.37	5.37	26.76
5775MHz	Pass	9.24	17.53	17.53	26.76

DG = Directional Gain; **Port X** = Port X output power

**802.11a_(6Mbps)_1TX****AV Power****5720MHz Straddle 5.47-5.725GHz**

Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
2.01ms
Detector Type
RMS
CP BW
30MHz

Sum=Total Power
PX=Port X



Sum(dBm) P1(dBm)

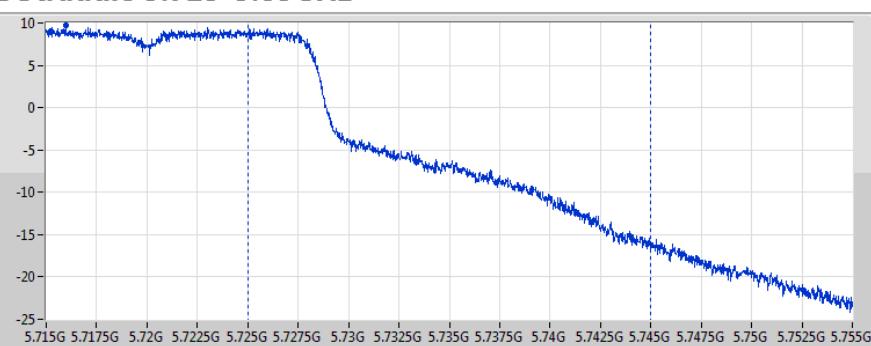
19.63 19.63

Port 1

**802.11a_(6Mbps)_1TX****AV Power****5720MHz Straddle 5.725-5.85GHz**

Ch Freq
5.735GHz
Span
40MHz
RBW
1MHz
VBW
3MHz
Sweep Time
2.01ms
Detector Type
RMS
CP BW
20MHz

Sum=Total Power
PX=Port X



Sum(dBm) P1(dBm)

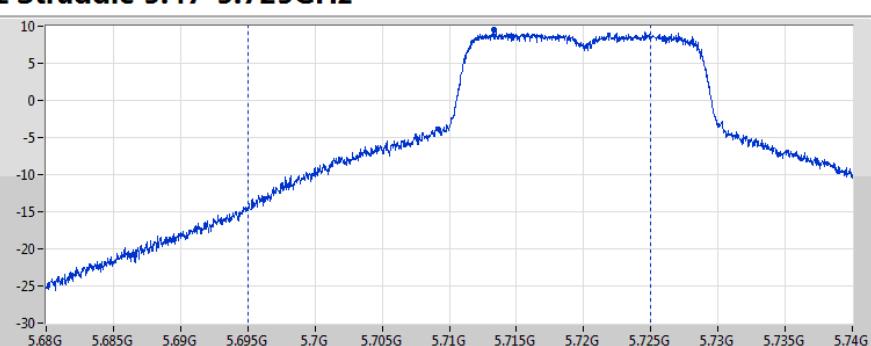
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Port 1

**802.11ac VHT20_Nss1,(MCS0)_1TX****AV Power****5720MHz Straddle 5.47-5.725GHz**

Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
2.01ms
Detector Type
RMS
CP BW
30MHz

Sum=Total Power
PX=Port X

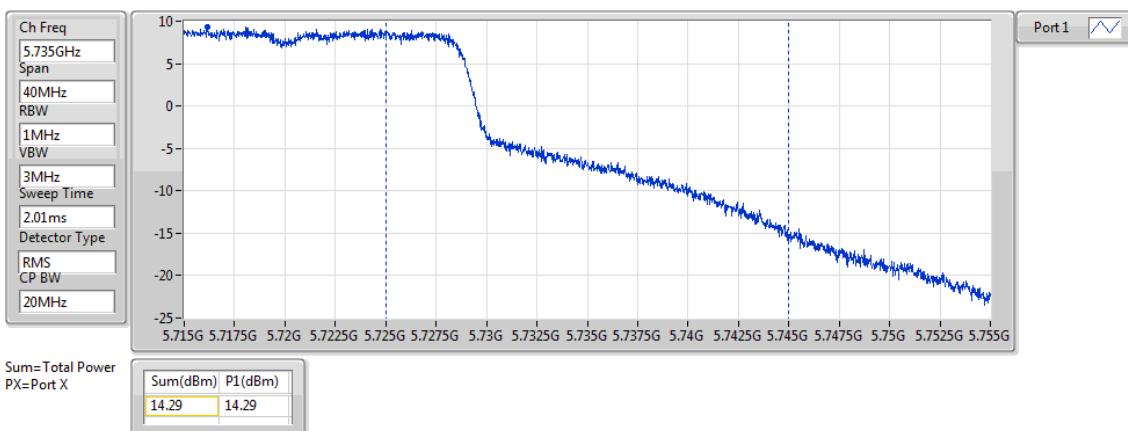
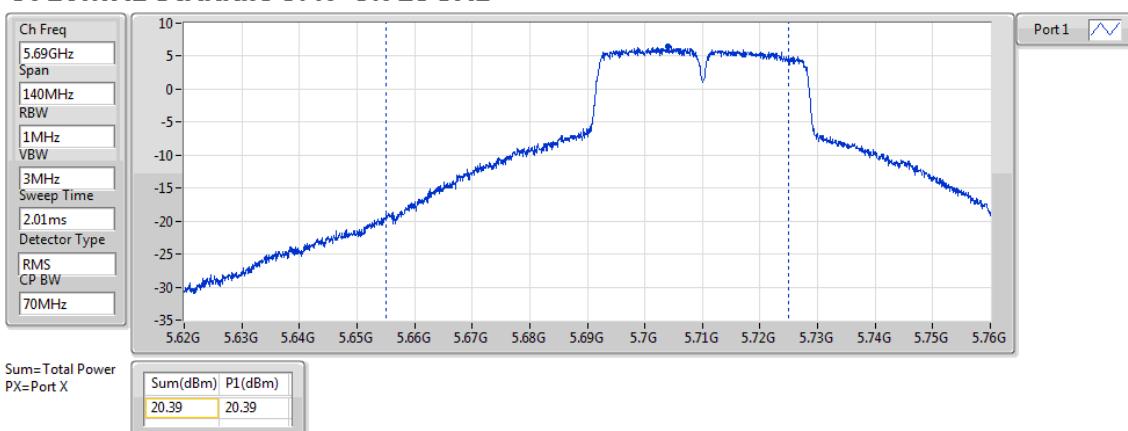
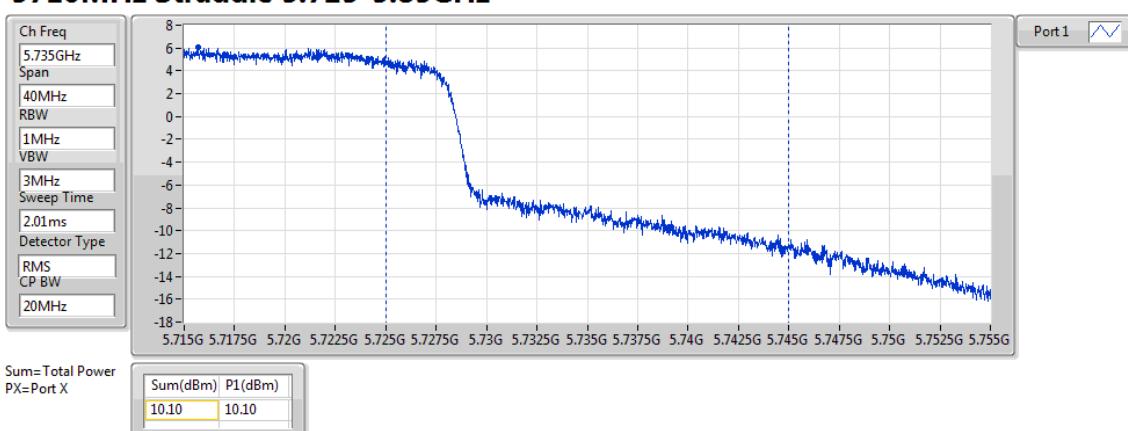


Sum(dBm) P1(dBm)

19.68 19.68

Port 1



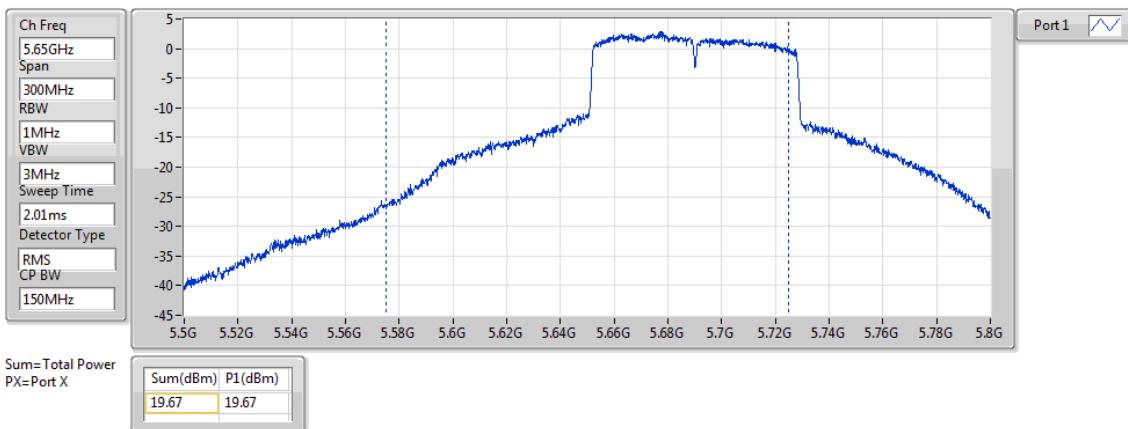
**802.11ac VHT20_Nss1,(MCS0)_1TX****AV Power****5720MHz Straddle 5.725-5.85GHz****802.11ac VHT40_Nss1,(MCS0)_1TX****AV Power****5710MHz Straddle 5.47-5.725GHz****802.11ac VHT40_Nss1,(MCS0)_1TX****AV Power****5710MHz Straddle 5.725-5.85GHz**



802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

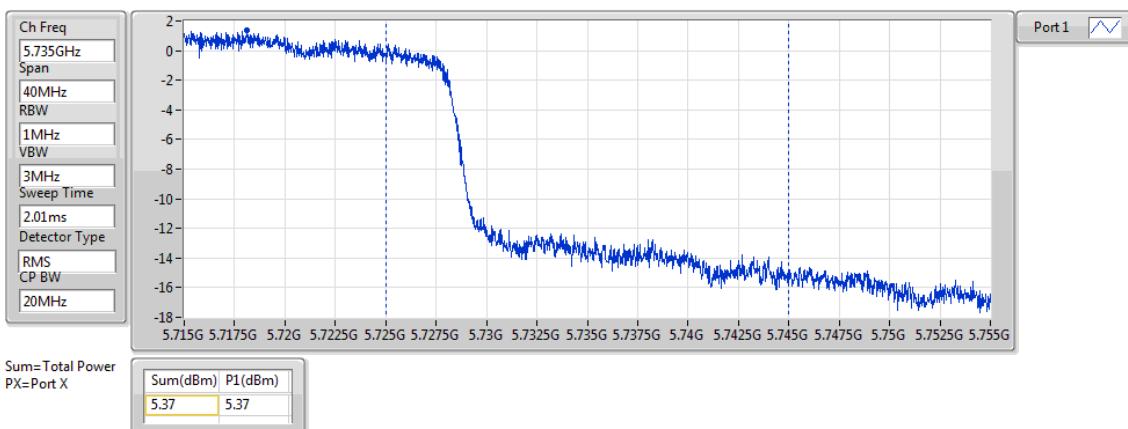
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz





For Set 4 antennas / 1TX:

Summary

Mode	Total Power (dBm)	Total Power (W)
802.11a_(6Mbps)_1TX	-	-
5.15-5.25GHz	20.76	0.11912
5.25-5.35GHz	21.45	0.13964
5.47-5.725GHz	20.55	0.11350
5.725-5.85GHz	20.81	0.12050
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-
5.15-5.25GHz	20.80	0.12023
5.25-5.35GHz	21.43	0.13900
5.47-5.725GHz	20.52	0.11272
5.725-5.85GHz	20.71	0.11776
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-
5.15-5.25GHz	17.38	0.05470
5.25-5.35GHz	20.37	0.10889
5.47-5.725GHz	20.39	0.10940
5.725-5.85GHz	20.13	0.10304
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-
5.15-5.25GHz	12.75	0.01884
5.25-5.35GHz	11.38	0.01374
5.47-5.725GHz	20.59	0.11455
5.725-5.85GHz	17.53	0.05662



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	5.23	17.42	17.42	23.98
5200MHz	Pass	5.23	20.76	20.76	23.98
5240MHz	Pass	5.23	17.71	17.71	23.98
5260MHz	Pass	5.23	21.45	21.45	23.98
5300MHz	Pass	5.23	21.32	21.32	23.98
5320MHz	Pass	5.23	18.15	18.15	23.98
5500MHz	Pass	5.23	17.34	17.34	23.98
5580MHz	Pass	5.23	20.55	20.55	23.98
5700MHz	Pass	5.23	15.41	15.41	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.23	19.63	19.63	23.98
5720MHz Straddle 5.725-5.85GHz	Pass	5.23	14.00	14.00	30.00
5745MHz	Pass	5.23	20.81	20.81	30.00
5785MHz	Pass	5.23	20.25	20.25	30.00
5825MHz	Pass	5.23	19.64	19.64	30.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	5.23	17.26	17.26	23.98
5200MHz	Pass	5.23	20.80	20.80	23.98
5240MHz	Pass	5.23	17.63	17.63	23.98
5260MHz	Pass	5.23	21.43	21.43	23.98
5300MHz	Pass	5.23	21.28	21.28	23.98
5320MHz	Pass	5.23	18.07	18.07	23.98
5500MHz	Pass	5.23	17.27	17.27	23.98
5580MHz	Pass	5.23	20.52	20.52	23.98
5700MHz	Pass	5.23	15.39	15.39	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.23	19.68	19.68	23.98
5720MHz Straddle 5.725-5.85GHz	Pass	5.23	14.29	14.29	30.00
5745MHz	Pass	5.23	20.71	20.71	30.00
5785MHz	Pass	5.23	20.22	20.22	30.00
5825MHz	Pass	5.23	19.79	19.79	30.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	5.23	12.29	12.29	23.98
5230MHz	Pass	5.23	17.38	17.38	23.98
5270MHz	Pass	5.23	20.37	20.37	23.98
5310MHz	Pass	5.23	13.38	13.38	23.98
5510MHz	Pass	5.23	13.67	13.67	23.98
5550MHz	Pass	5.23	19.27	19.27	23.98
5670MHz	Pass	5.23	17.83	17.83	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.23	20.39	20.39	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.23	10.10	10.10	30.00
5755MHz	Pass	5.23	18.42	18.42	30.00
5795MHz	Pass	5.23	20.13	20.13	30.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-

**FCC Test Report****Report No. : FR760613AC**

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
5210MHz	Pass	5.23	12.75	12.75	23.98
5290MHz	Pass	5.23	11.38	11.38	23.98
5530MHz	Pass	5.23	12.77	12.77	23.98
5610MHz	Pass	5.23	18.60	18.60	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.23	20.59	20.59	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.23	6.44	6.44	30.00
5775MHz	Pass	5.23	17.53	17.53	30.00

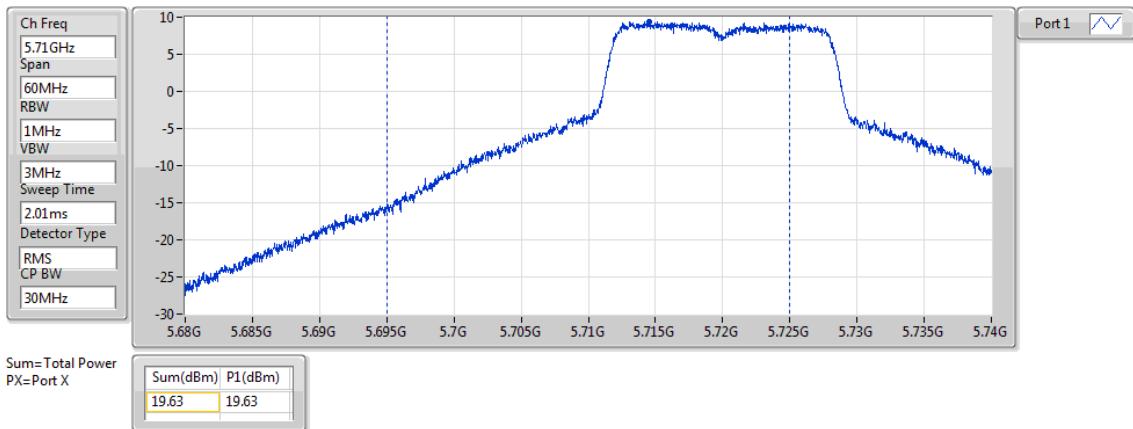
DG = Directional Gain; **Port X** = Port X output power



802.11a_(6Mbps)_1TX

AV Power

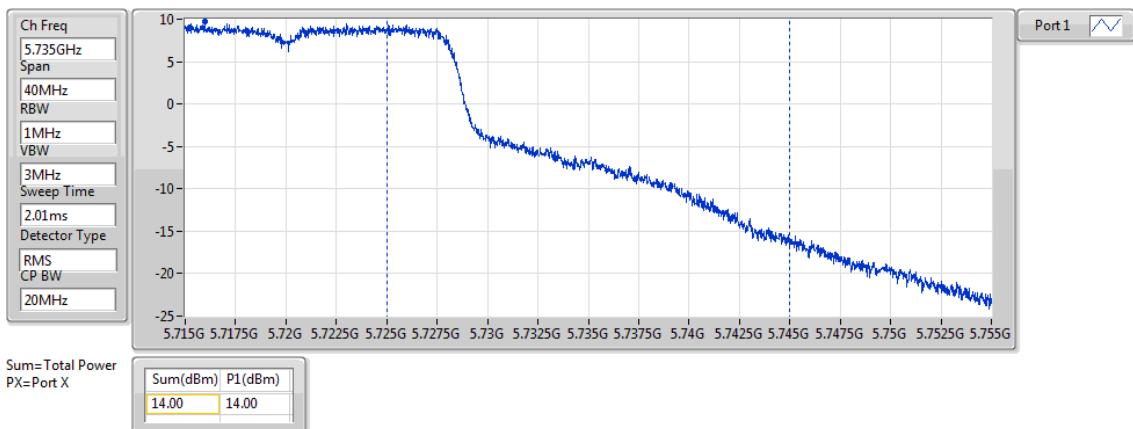
5720MHz Straddle 5.47-5.725GHz



802.11a_(6Mbps)_1TX

AV Power

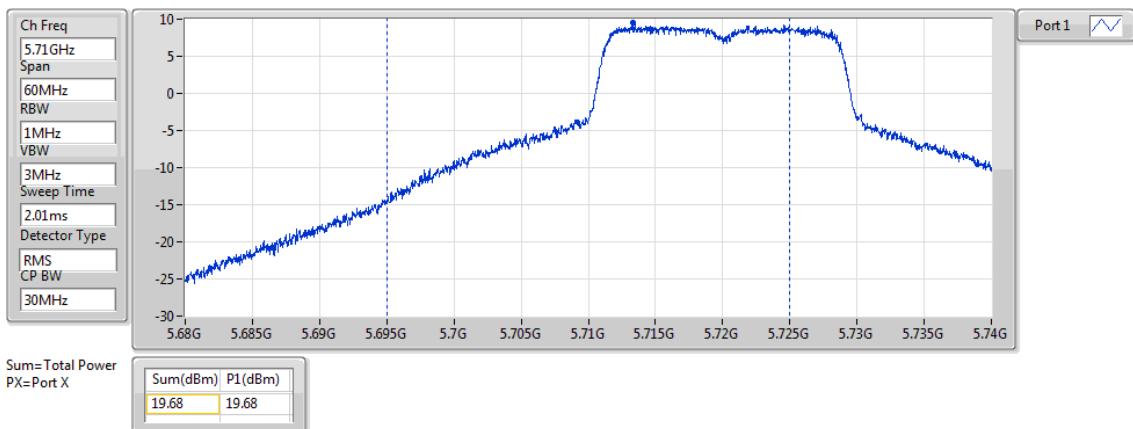
5720MHz Straddle 5.725-5.85GHz

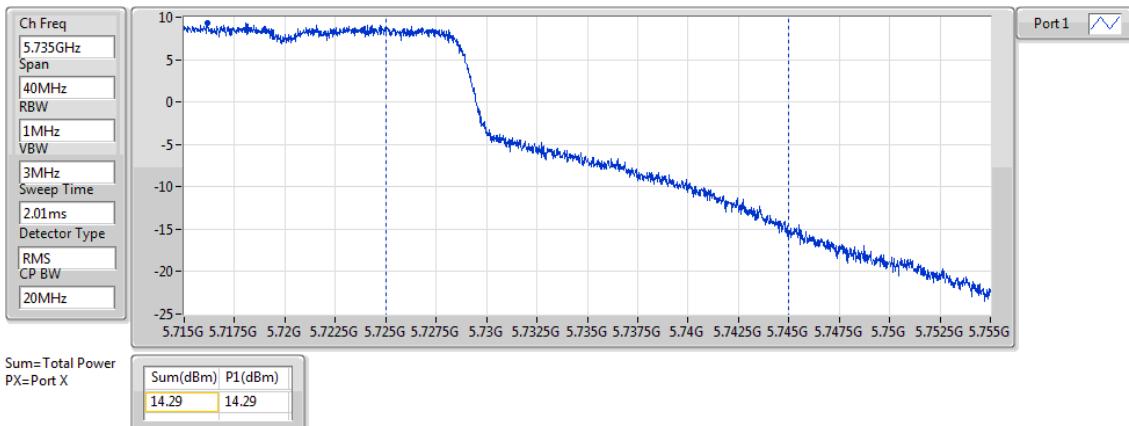
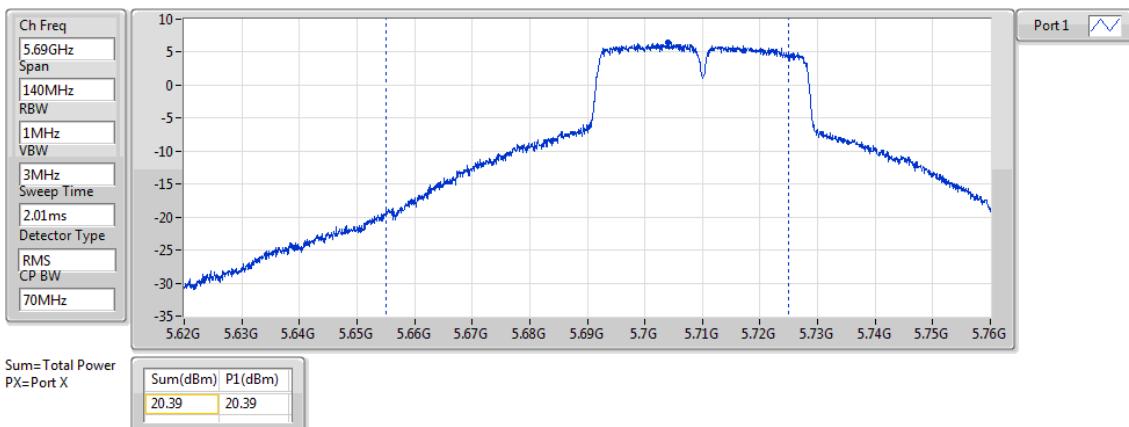
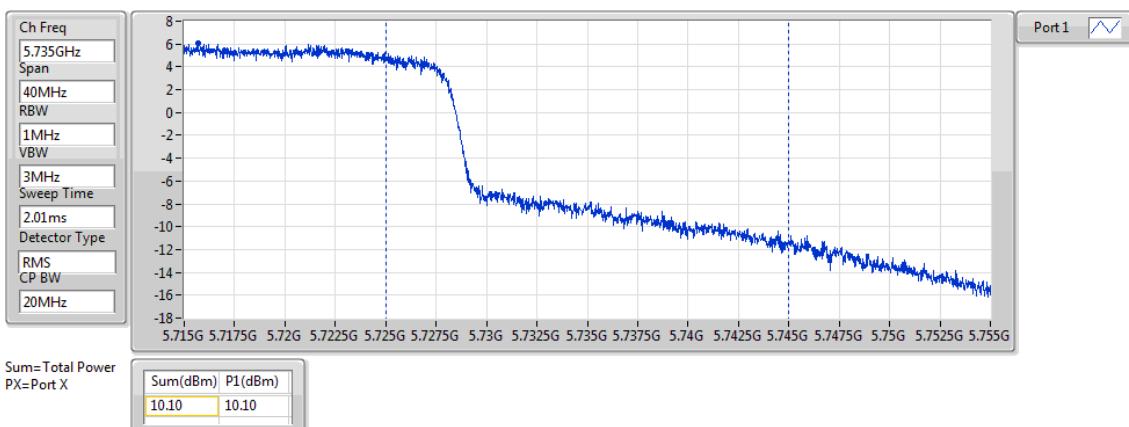


802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

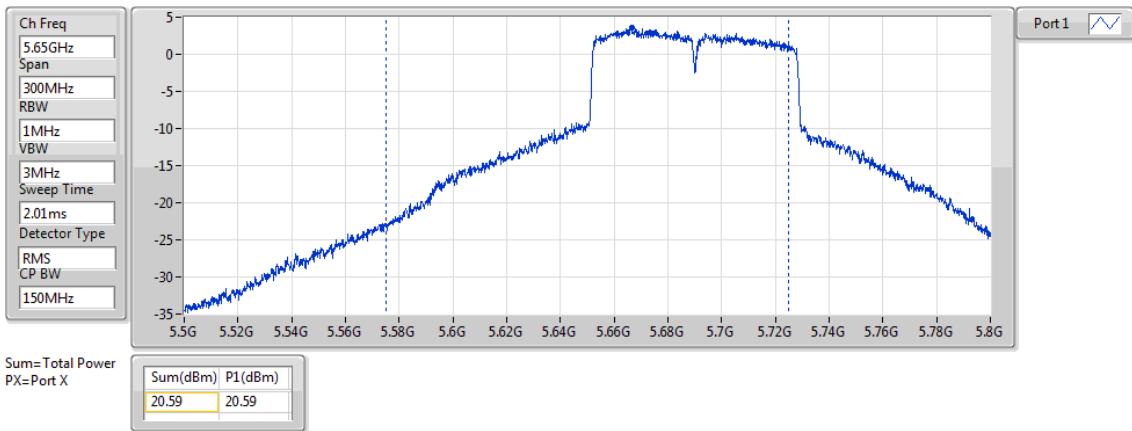


**802.11ac VHT20_Nss1,(MCS0)_1TX****AV Power****5720MHz Straddle 5.725-5.85GHz****802.11ac VHT40_Nss1,(MCS0)_1TX****AV Power****5710MHz Straddle 5.47-5.725GHz****802.11ac VHT40_Nss1,(MCS0)_1TX****AV Power****5710MHz Straddle 5.725-5.85GHz**



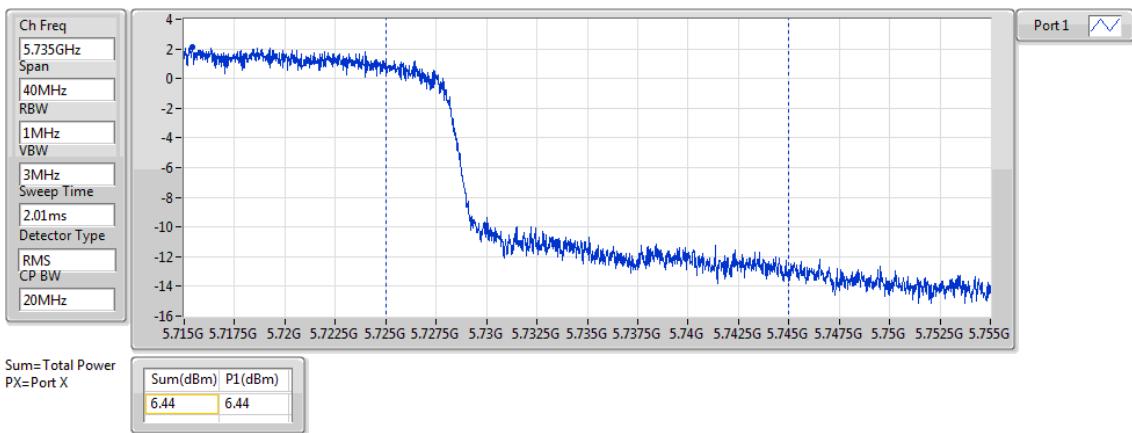
**802.11ac VHT80_Nss1,(MCS0)_1TX
5690MHz Straddle 5.47-5.725GHz**

AV Power



**802.11ac VHT80_Nss1,(MCS0)_1TX
5690MHz Straddle 5.725-5.85GHz**

AV Power





For Set 5 antennas / 1TX:

Summary

Mode	Total Power (dBm)	Total Power (W)
802.11a_(6Mbps)_1TX	-	-
5.15-5.25GHz	20.66	0.11641
5.25-5.35GHz	21.17	0.13092
5.47-5.725GHz	20.43	0.11041
5.725-5.85GHz	20.05	0.10116
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-
5.15-5.25GHz	20.69	0.11722
5.25-5.35GHz	21.21	0.13213
5.47-5.725GHz	20.46	0.11117
5.725-5.85GHz	20.09	0.10209
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-
5.15-5.25GHz	17.44	0.05546
5.25-5.35GHz	20.20	0.10471
5.47-5.725GHz	21.01	0.12618
5.725-5.85GHz	20.44	0.11066
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-
5.15-5.25GHz	10.69	0.01172
5.25-5.35GHz	9.98	0.00995
5.47-5.725GHz	21.35	0.13646
5.725-5.85GHz	17.32	0.05395



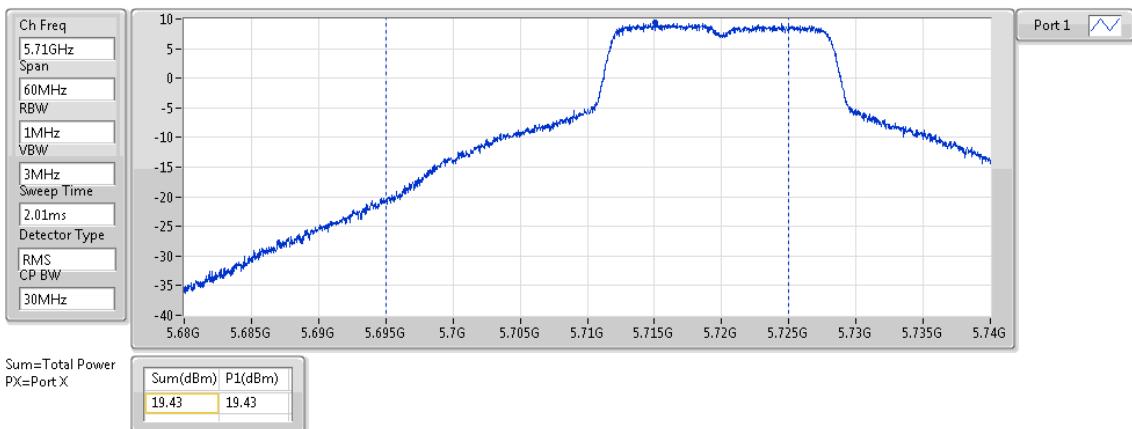
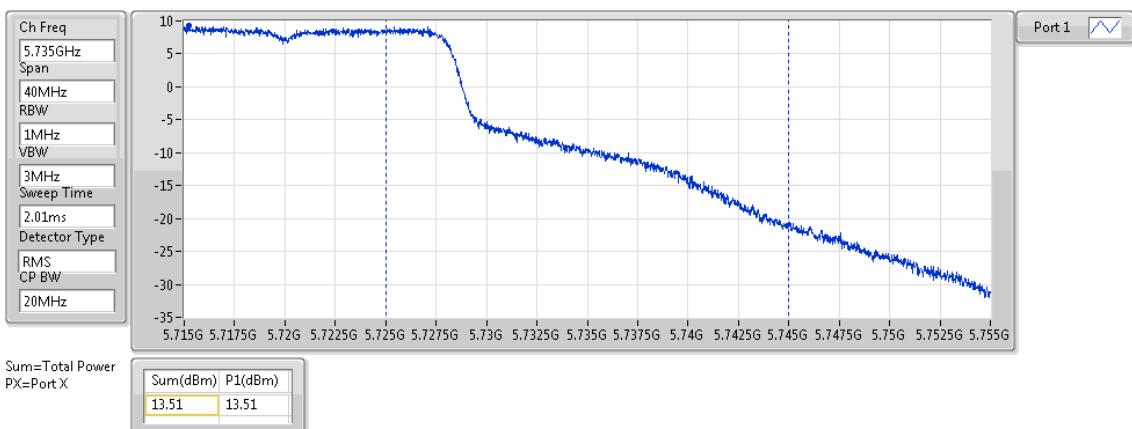
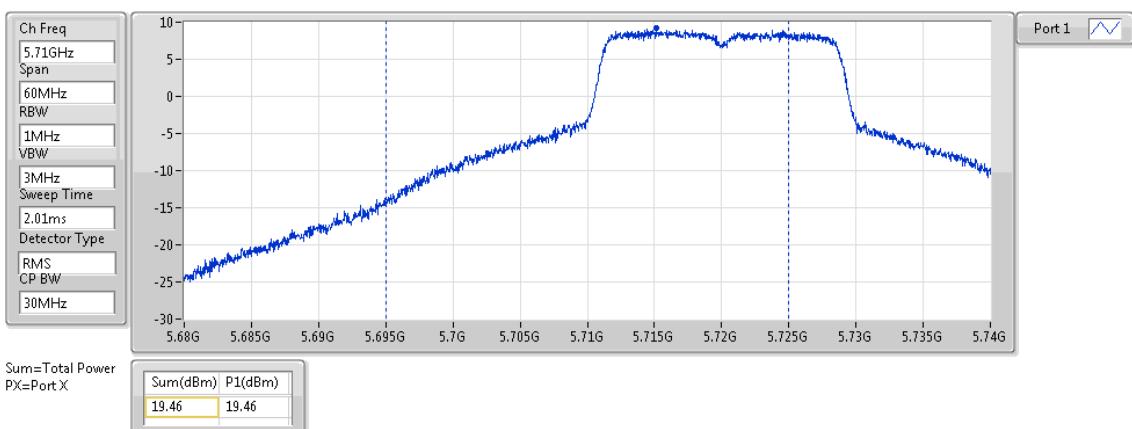
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	3.70	16.88	16.88	23.98
5200MHz	Pass	3.70	20.66	20.66	23.98
5240MHz	Pass	3.70	17.36	17.36	23.98
5260MHz	Pass	3.70	20.90	20.90	23.98
5300MHz	Pass	3.70	21.17	21.17	23.98
5320MHz	Pass	3.70	17.79	17.79	23.98
5500MHz	Pass	3.70	17.39	17.39	23.98
5580MHz	Pass	3.70	20.43	20.43	23.98
5700MHz	Pass	3.70	16.81	16.81	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.70	19.43	19.43	23.98
5720MHz Straddle 5.725-5.85GHz	Pass	3.70	13.51	13.51	30.00
5745MHz	Pass	3.70	20.05	20.05	30.00
5785MHz	Pass	3.70	19.66	19.66	30.00
5825MHz	Pass	3.70	19.21	19.21	30.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	3.70	16.88	16.88	23.98
5200MHz	Pass	3.70	20.69	20.69	23.98
5240MHz	Pass	3.70	17.48	17.48	23.98
5260MHz	Pass	3.70	21.06	21.06	23.98
5300MHz	Pass	3.70	21.21	21.21	23.98
5320MHz	Pass	3.70	17.81	17.81	23.98
5500MHz	Pass	3.70	17.40	17.40	23.98
5580MHz	Pass	3.70	20.46	20.46	23.98
5700MHz	Pass	3.70	16.85	16.85	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.70	19.46	19.46	23.98
5720MHz Straddle 5.725-5.85GHz	Pass	3.70	14.02	14.02	30.00
5745MHz	Pass	3.70	20.09	20.09	30.00
5785MHz	Pass	3.70	19.70	19.70	30.00
5825MHz	Pass	3.70	19.29	19.29	30.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	3.70	12.10	12.10	23.98
5230MHz	Pass	3.70	17.44	17.44	23.98
5270MHz	Pass	3.70	20.20	20.20	23.98
5310MHz	Pass	3.70	13.42	13.42	23.98
5510MHz	Pass	3.70	14.22	14.22	23.98
5550MHz	Pass	3.70	19.24	19.24	23.98
5670MHz	Pass	3.70	19.34	19.34	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	3.70	21.01	21.01	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	3.70	10.84	10.84	30.00
5755MHz	Pass	3.70	19.25	19.25	30.00
5795MHz	Pass	3.70	20.44	20.44	30.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-

**FCC Test Report****Report No. : FR760613AC**

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
5210MHz	Pass	3.70	10.69	10.69	23.98
5290MHz	Pass	3.70	9.98	9.98	23.98
5530MHz	Pass	3.70	10.99	10.99	23.98
5610MHz	Pass	3.70	18.42	18.42	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	3.70	21.35	21.35	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	3.70	7.16	7.16	30.00
5775MHz	Pass	3.70	17.32	17.32	30.00

DG = Directional Gain; **Port X** = Port X output power

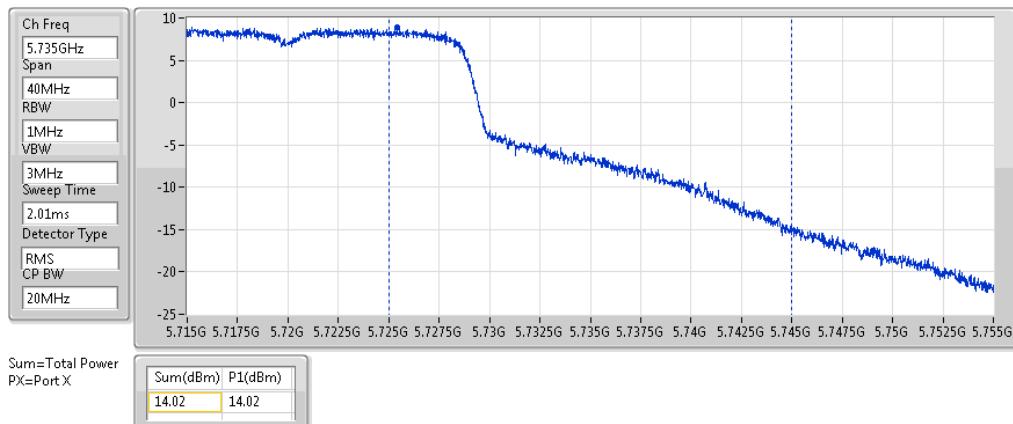
**802.11a_(6Mbps)_1TX****AV Power****5720MHz Straddle 5.47-5.725GHz****802.11a_(6Mbps)_1TX****AV Power****5720MHz Straddle 5.725-5.85GHz****802.11ac VHT20_Nss1,(MCS0)_1TX****AV Power****5720MHz Straddle 5.47-5.725GHz**



802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

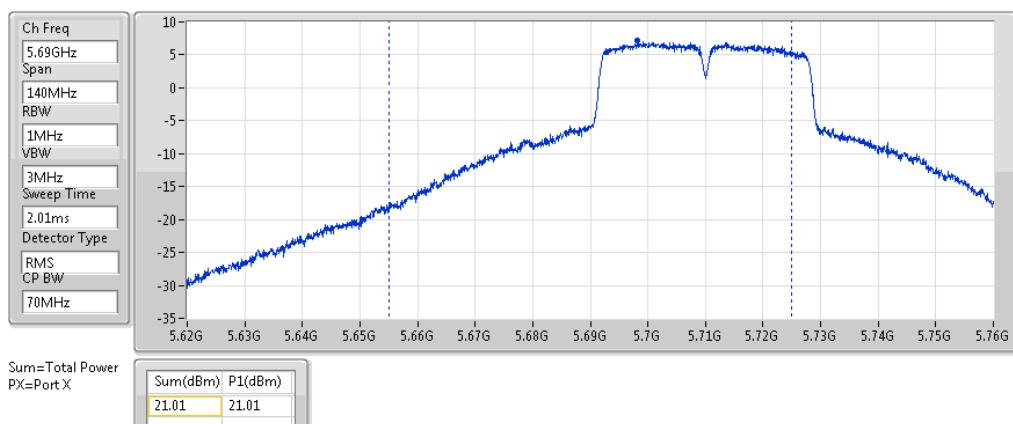
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

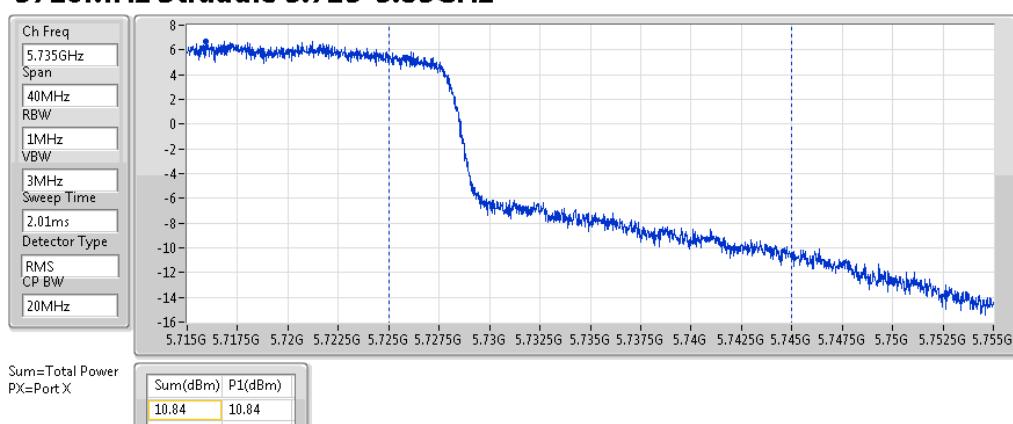
5710MHz Straddle 5.47-5.725GHz

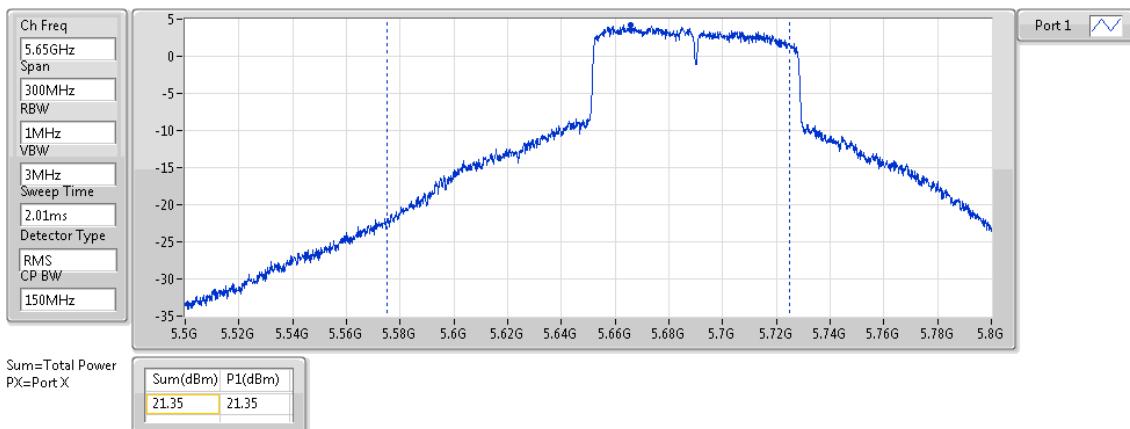
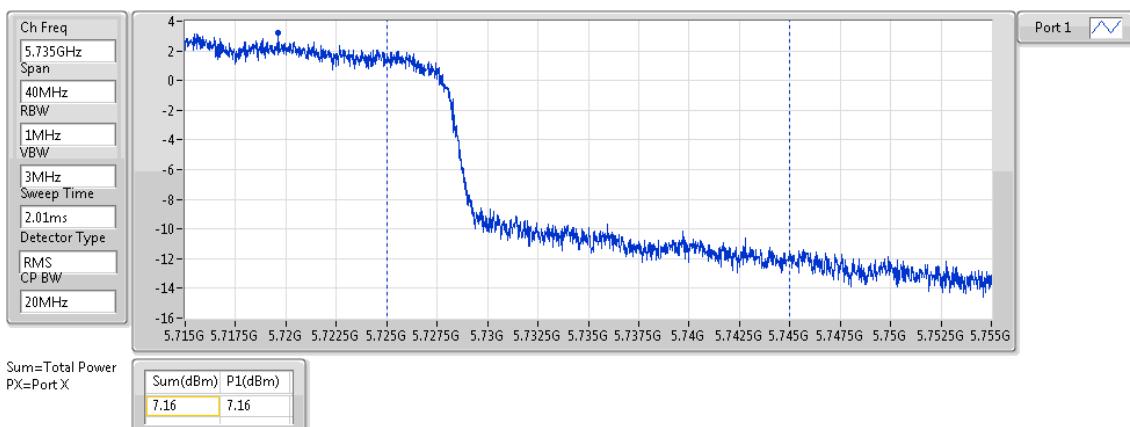


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz



**802.11ac VHT80_Nss1,(MCS0)_1TX****AV Power****5690MHz Straddle 5.47-5.725GHz****802.11ac VHT80_Nss1,(MCS0)_1TX****AV Power****5690MHz Straddle 5.725-5.85GHz**



For Set 6 antennas / 1TX:

Summary

Mode	Total Power (dBm)	Total Power (W)
802.11a_(6Mbps)_1TX	-	-
5.15-5.25GHz	21.22	0.13243
5.25-5.35GHz	21.30	0.13490
5.47-5.725GHz	20.43	0.11041
5.725-5.85GHz	20.05	0.10116
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-
5.15-5.25GHz	21.24	0.13305
5.25-5.35GHz	21.31	0.13521
5.47-5.725GHz	20.46	0.11117
5.725-5.85GHz	20.09	0.10209
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-
5.15-5.25GHz	17.44	0.05546
5.25-5.35GHz	20.63	0.11561
5.47-5.725GHz	21.01	0.12618
5.725-5.85GHz	20.44	0.11066
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-
5.15-5.25GHz	12.09	0.01618
5.25-5.35GHz	11.40	0.01380
5.47-5.725GHz	21.35	0.13646
5.725-5.85GHz	17.32	0.05395



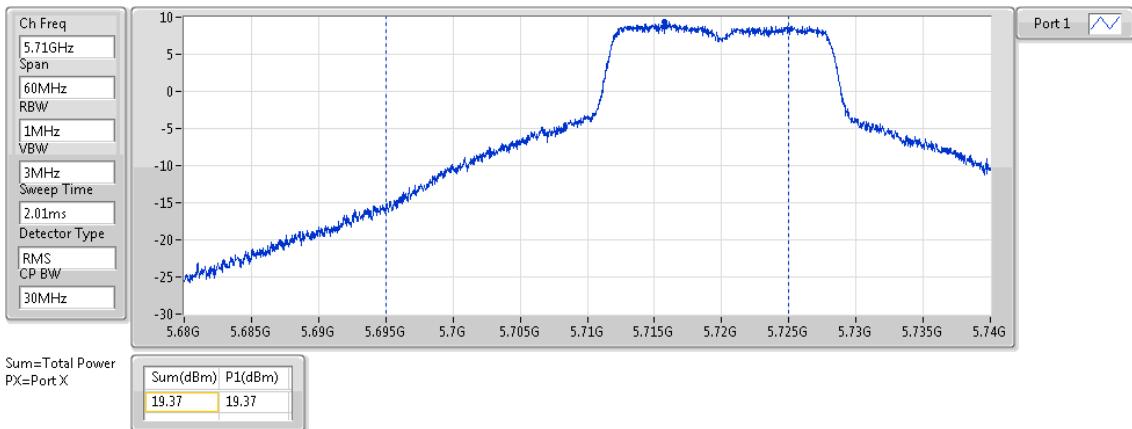
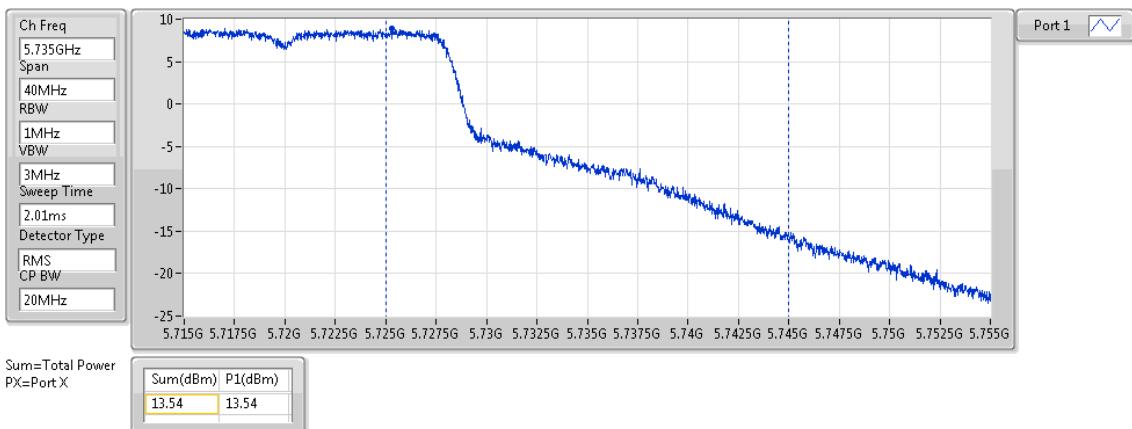
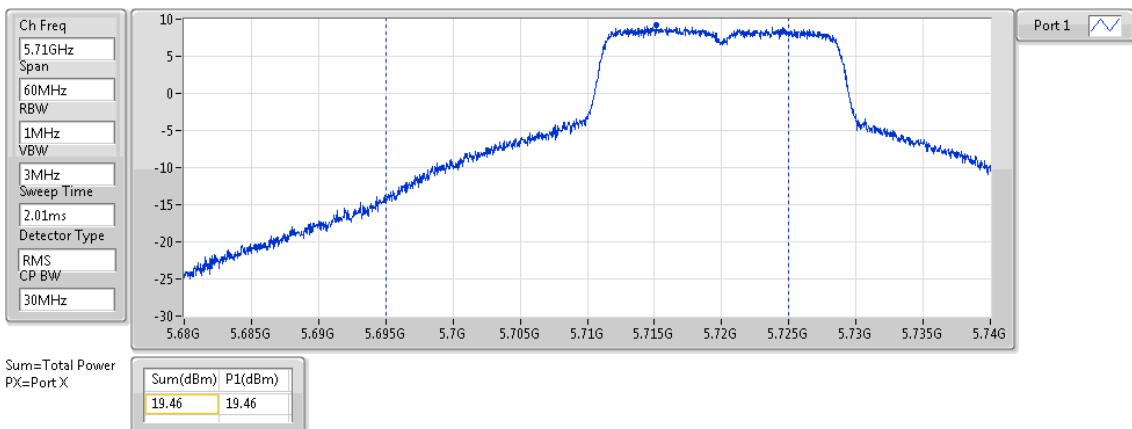
Result

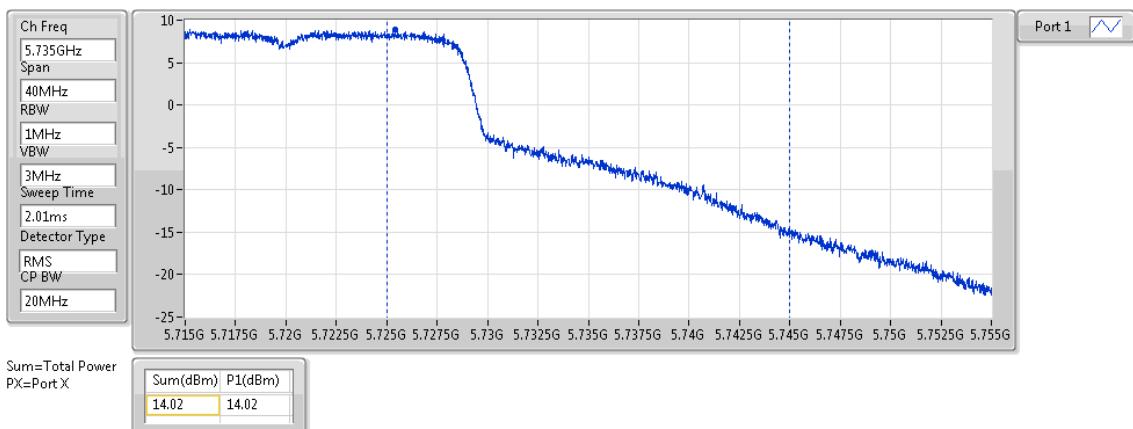
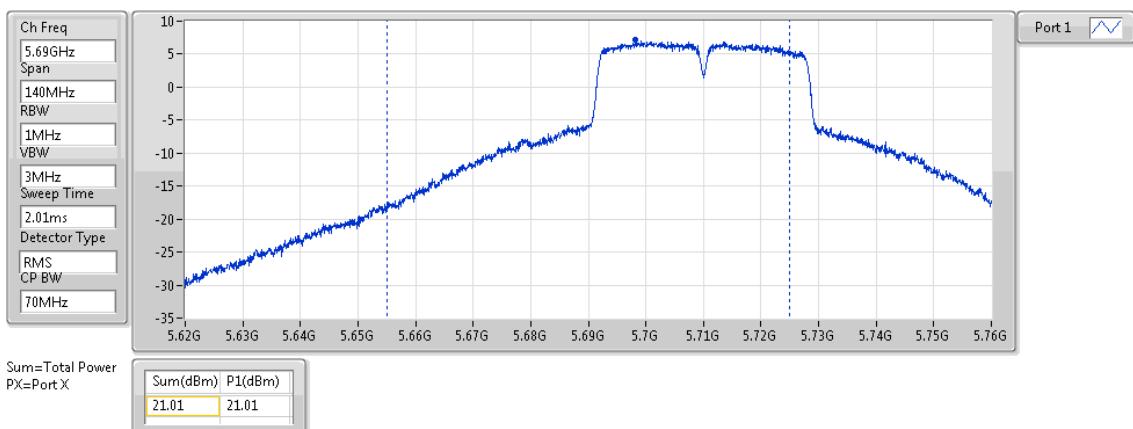
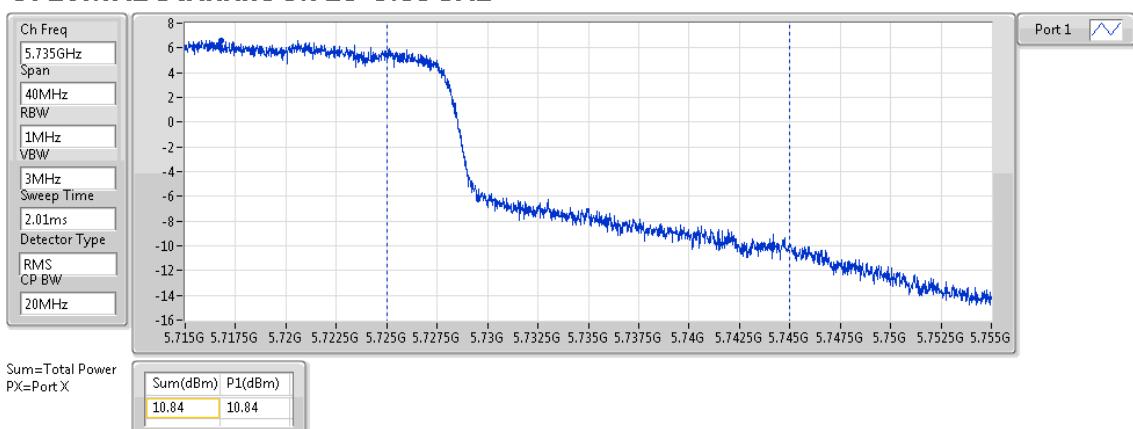
Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	2.25	17.05	17.05	23.98
5200MHz	Pass	2.25	21.22	21.22	23.98
5240MHz	Pass	2.25	17.36	17.36	23.98
5260MHz	Pass	2.25	20.90	20.90	23.98
5300MHz	Pass	2.25	21.30	21.30	23.98
5320MHz	Pass	2.25	18.48	18.48	23.98
5500MHz	Pass	2.25	18.14	18.14	23.98
5580MHz	Pass	2.25	20.43	20.43	23.98
5700MHz	Pass	2.25	17.28	17.28	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	2.25	19.43	19.43	23.98
5720MHz Straddle 5.725-5.85GHz	Pass	2.25	13.51	13.51	30.00
5745MHz	Pass	2.25	20.05	20.05	30.00
5785MHz	Pass	2.25	19.66	19.66	30.00
5825MHz	Pass	2.25	19.21	19.21	30.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	2.25	17.15	17.15	23.98
5200MHz	Pass	2.25	21.24	21.24	23.98
5240MHz	Pass	2.25	17.48	17.48	23.98
5260MHz	Pass	2.25	21.06	21.06	23.98
5300MHz	Pass	2.25	21.31	21.31	23.98
5320MHz	Pass	2.25	18.58	18.58	23.98
5500MHz	Pass	2.25	18.25	18.25	23.98
5580MHz	Pass	2.25	20.46	20.46	23.98
5700MHz	Pass	2.25	17.36	17.36	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	2.25	19.46	19.46	23.98
5720MHz Straddle 5.725-5.85GHz	Pass	2.25	14.02	14.02	30.00
5745MHz	Pass	2.25	20.09	20.09	30.00
5785MHz	Pass	2.25	19.70	19.70	30.00
5825MHz	Pass	2.25	19.29	19.29	30.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	2.25	12.93	12.93	23.98
5230MHz	Pass	2.25	17.44	17.44	23.98
5270MHz	Pass	2.25	20.63	20.63	23.98
5310MHz	Pass	2.25	13.67	13.67	23.98
5510MHz	Pass	2.25	14.22	14.22	23.98
5550MHz	Pass	2.25	20.39	20.39	23.98
5670MHz	Pass	2.25	19.78	19.78	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	2.25	21.01	21.01	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	2.25	10.84	10.84	30.00
5755MHz	Pass	2.25	19.25	19.25	30.00
5795MHz	Pass	2.25	20.44	20.44	30.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-

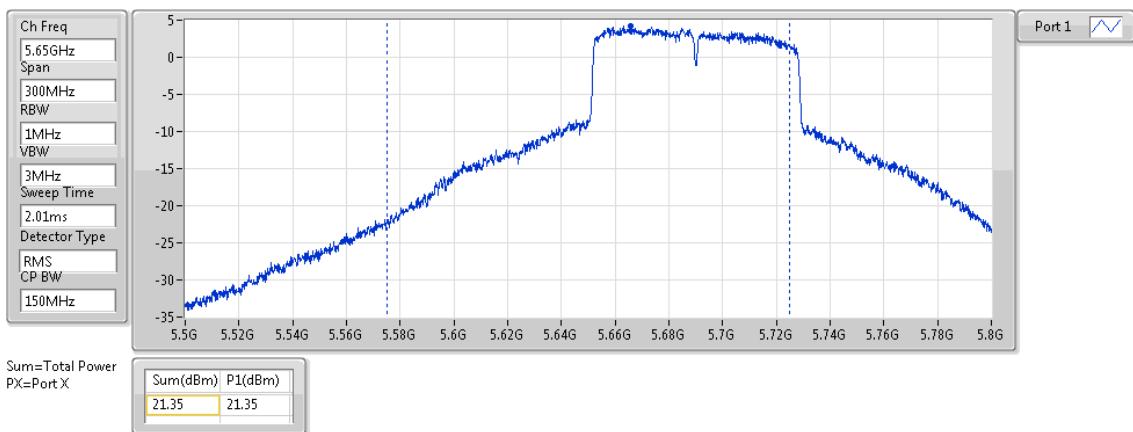
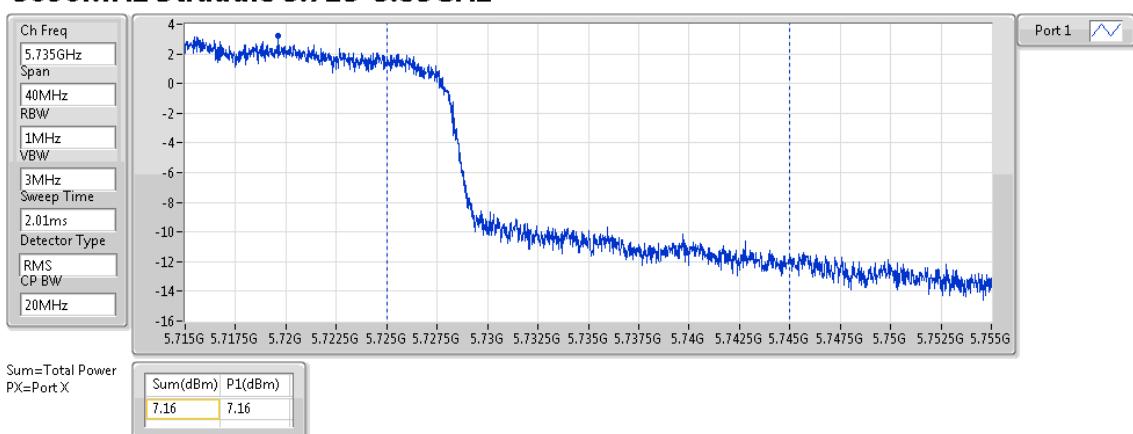
**FCC Test Report****Report No. : FR760613AC**

Mode	Result	DG	Port 1	Total Power	Power Limit
5210MHz	Pass	2.25	12.09	12.09	23.98
5290MHz	Pass	2.25	11.40	11.40	23.98
5530MHz	Pass	2.25	12.51	12.51	23.98
5610MHz	Pass	2.25	19.54	19.54	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	2.25	21.35	21.35	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	2.25	7.16	7.16	30.00
5775MHz	Pass	2.25	17.32	17.32	30.00

DG = Directional Gain; **Port X** = Port X output power

**802.11a_(6Mbps)_1TX****AV Power****5720MHz Straddle 5.47-5.725GHz****802.11a_(6Mbps)_1TX****AV Power****5720MHz Straddle 5.725-5.85GHz****802.11ac VHT20_Nss1,(MCS0)_1TX****AV Power****5720MHz Straddle 5.47-5.725GHz**

**802.11ac VHT20_Nss1,(MCS0)_1TX
5720MHz Straddle 5.725-5.85GHz****AV Power****802.11ac VHT40_Nss1,(MCS0)_1TX
5710MHz Straddle 5.47-5.725GHz****AV Power****802.11ac VHT40_Nss1,(MCS0)_1TX
5710MHz Straddle 5.725-5.85GHz****AV Power**

**802.11ac VHT80_Nss1,(MCS0)_1TX
5690MHz Straddle 5.47-5.725GHz****AV Power****802.11ac VHT80_Nss1,(MCS0)_1TX
5690MHz Straddle 5.725-5.85GHz****AV Power**



3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
<input checked="" type="checkbox"/> For the 5.15-5.25 GHz band: <ul style="list-style-type: none">▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{out} = 17 - (G_{TX} - 6)$.▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{out} = 17 - (G_{TX} - 6)$.▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 23$ dBi, then $P_{out} = 17 - (G_{TX} - 23)$.▪ Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then PPSD= $11 - (G_{TX} - 6)$.	
<input checked="" type="checkbox"/> For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then PPSD= $11 - (G_{TX} - 6)$.	
<input checked="" type="checkbox"/> For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then PPSD= $11 - (G_{TX} - 6)$.	
<input checked="" type="checkbox"/> For the 5.725-5.85 GHz band: <ul style="list-style-type: none">▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then PPSD= $30 - (G_{TX} - 6)$.▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.	
LE-LAN Devices	
<input type="checkbox"/> For the 5.15-5.25 GHz band, the peak power spectral density (PPSD) ≤ 4 dBm/MHz and the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.	
<input type="checkbox"/> For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz and the e.i.r.p. peak power spectral density (PPSD) ≤ 17 dBm/MHz.	
<input type="checkbox"/> e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for $0^\circ \leq \theta < 8^\circ$; -13 – 0.716 (θ -8) dBW/MHz for $8^\circ \leq \theta < 40^\circ$ -35.9 – 1.22 (θ -40) dBW/MHz for $40^\circ \leq \theta \leq 45^\circ$; -42 dBW/MHz for $\theta > 45^\circ$	
<input type="checkbox"/> For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz and the e.i.r.p. peak power spectral density (PPSD) ≤ 17 dBm/MHz.	
<input type="checkbox"/> For the 5.725-5.85 GHz band: <ul style="list-style-type: none">▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then PPSD= $30 - (G_{TX} - 6)$.▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.	
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz G_{TX} = the maximum transmitting antenna directional gain in dBi.	

3.4.2 Measuring Instruments

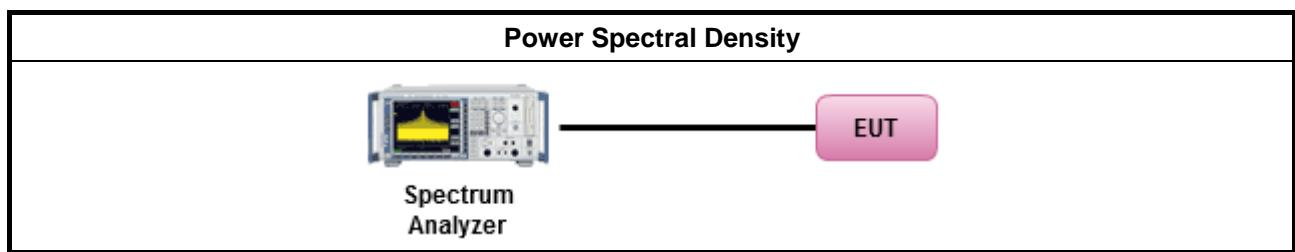
Refer a test equipment and calibration data table in this test report.



3.4.3 Test Procedures

Test Method	
<ul style="list-style-type: none">▪ Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
<ul style="list-style-type: none"><input type="checkbox"/> Refer as FCC KDB 789033, F(5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth [duty cycle \geq 98% or external video / power trigger]	
<ul style="list-style-type: none"><input checked="" type="checkbox"/> Refer as FCC KDB 789033, clause E Method SA-1 (spectral trace averaging).	
<ul style="list-style-type: none"><input type="checkbox"/> Refer as FCC KDB 789033, clause E Method SA-1 Alt. (RMS detection with slow sweep speed) duty cycle < 98% and average over on/off periods with duty factor	
<ul style="list-style-type: none"><input checked="" type="checkbox"/> Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).	
<ul style="list-style-type: none"><input type="checkbox"/> Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)	
<ul style="list-style-type: none">▪ For conducted measurement.	
<ul style="list-style-type: none">▪ If the EUT supports multiple transmit chains using options given below:	<ul style="list-style-type: none"><input checked="" type="checkbox"/> Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
	<ul style="list-style-type: none"><input type="checkbox"/> Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
<ul style="list-style-type: none"><input type="checkbox"/> Option 3: Measure and add $10 \log(N)$ dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with $10 \log(N)$. Or each transmit chains shall be add $10 \log(N)$ to compared with the limit.	
	<ul style="list-style-type: none">▪ If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$

3.4.4 Test Setup





3.4.5 Test Result of Peak Power Spectral Density

For Radio 2:

For Set 2 antennas / 1TX:

Summary

Mode	PD (dBm/RBW)
802.11a_(6Mbps)_1TX	-
5.15-5.25GHz	7.75
5.25-5.35GHz	7.90
5.47-5.725GHz	8.64
5.725-5.85GHz	7.40
802.11ac VHT20_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	8.32
5.25-5.35GHz	8.48
5.47-5.725GHz	9.28
5.725-5.85GHz	7.41
802.11ac VHT40_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	4.74
5.25-5.35GHz	4.73
5.47-5.725GHz	5.69
5.725-5.85GHz	3.40
802.11ac VHT80_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	0.20
5.25-5.35GHz	-5.82
5.47-5.725GHz	1.99
5.725-5.85GHz	0.17

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	5.70	7.69	7.69	17.00
5200MHz	Pass	5.70	7.75	7.75	17.00
5240MHz	Pass	5.70	7.75	7.75	17.00
5260MHz	Pass	5.70	7.90	7.90	11.00
5300MHz	Pass	5.70	7.85	7.85	11.00
5320MHz	Pass	5.70	7.64	7.64	11.00
5500MHz	Pass	5.70	7.85	7.85	11.00
5580MHz	Pass	5.70	7.93	7.93	11.00
5700MHz	Pass	5.70	7.78	7.78	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.70	8.64	8.64	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.70	7.40	7.40	30.00
5745MHz	Pass	5.70	6.33	6.33	30.00
5785MHz	Pass	5.70	6.30	6.30	30.00
5825MHz	Pass	5.70	5.96	5.96	30.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	5.70	8.31	8.31	17.00
5200MHz	Pass	5.70	8.31	8.31	17.00
5240MHz	Pass	5.70	8.32	8.32	17.00
5260MHz	Pass	5.70	8.48	8.48	11.00
5300MHz	Pass	5.70	8.34	8.34	11.00
5320MHz	Pass	5.70	8.31	8.31	11.00
5500MHz	Pass	5.70	8.36	8.36	11.00
5580MHz	Pass	5.70	8.36	8.36	11.00
5700MHz	Pass	5.70	8.24	8.24	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.70	9.28	9.28	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.70	7.41	7.41	30.00
5745MHz	Pass	5.70	6.75	6.75	30.00
5785MHz	Pass	5.70	6.58	6.58	30.00
5825MHz	Pass	5.70	6.61	6.61	30.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	5.70	2.95	2.95	17.00
5230MHz	Pass	5.70	4.74	4.74	17.00
5270MHz	Pass	5.70	4.73	4.73	11.00
5310MHz	Pass	5.70	-0.16	-0.16	11.00
5510MHz	Pass	5.70	3.63	3.63	11.00
5550MHz	Pass	5.70	4.92	4.92	11.00
5670MHz	Pass	5.70	4.42	4.42	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.70	5.69	5.69	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.70	2.54	2.54	30.00
5755MHz	Pass	5.70	3.40	3.40	30.00
5795MHz	Pass	5.70	3.23	3.23	30.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-

**FCC Test Report****Report No. : FR760613AC**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5210MHz	Pass	5.70	0.20	0.20	17.00
5290MHz	Pass	5.70	-5.82	-5.82	11.00
5530MHz	Pass	5.70	0.53	0.53	11.00
5610MHz	Pass	5.70	1.65	1.65	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.70	1.99	1.99	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.70	-1.70	-1.70	30.00
5775MHz	Pass	5.70	0.17	0.17	30.00

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

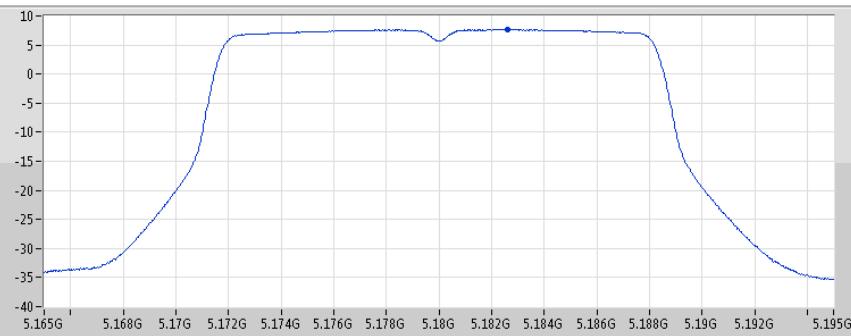


802.11a_(6Mbps)_1TX

PSD

5180MHz

Ch Freq
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.2s
Detector Type
RMS



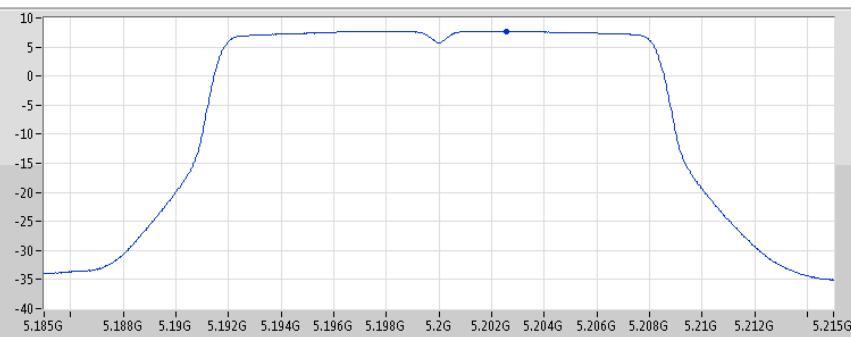
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.69	7.69	7.69

802.11a_(6Mbps)_1TX

PSD

5200MHz

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.2s
Detector Type
RMS



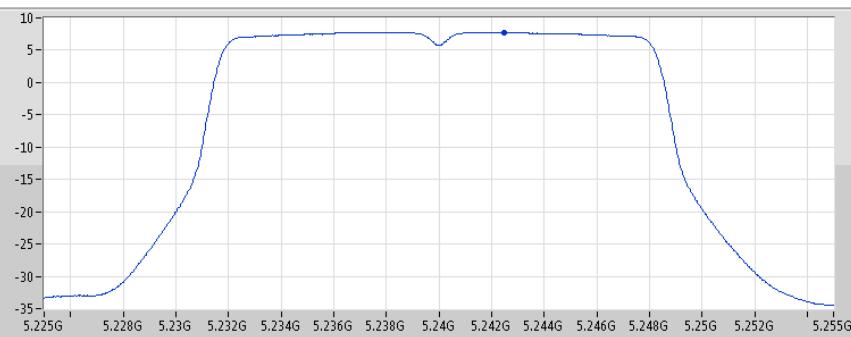
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.75	7.75	7.75

802.11a_(6Mbps)_1TX

PSD

5240MHz

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.2s
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.75	7.75	7.75

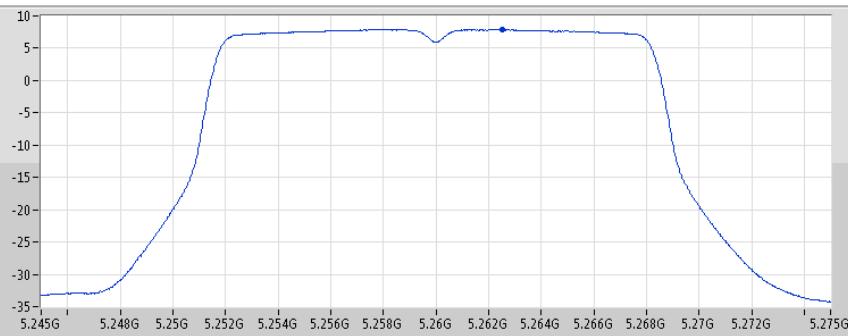


802.11a_(6Mbps)_1TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.2s
Detector Type
RMS



Sum PD Port 1

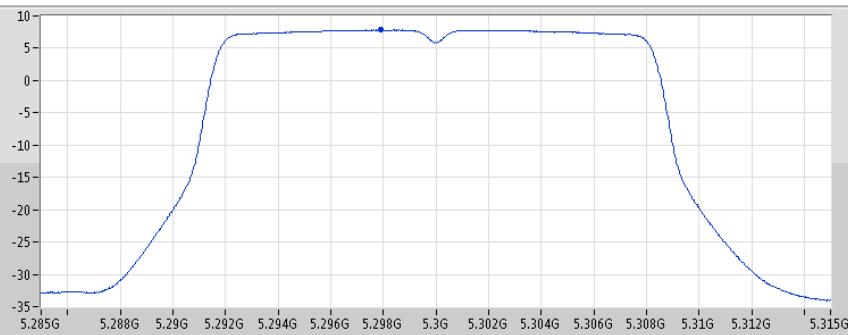
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.90	7.90	7.90

802.11a_(6Mbps)_1TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.2s
Detector Type
RMS



Sum PD Port 1

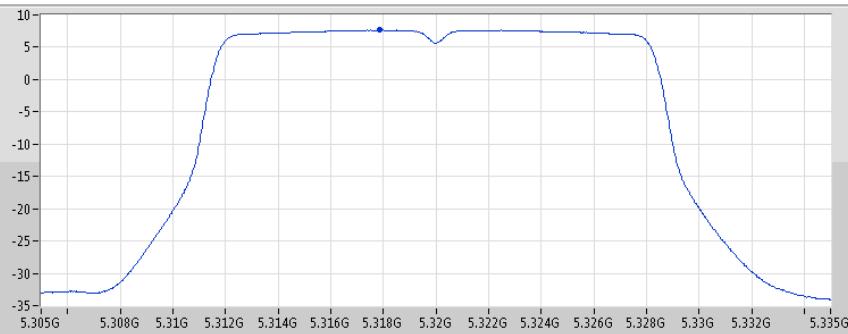
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.85	7.85	7.85

802.11a_(6Mbps)_1TX

PSD

5320MHz

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.2s
Detector Type
RMS



Sum PD Port 1

(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.64	7.64	7.64

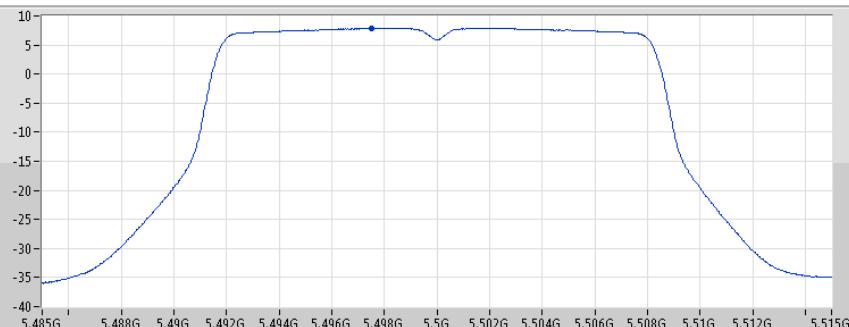


802.11a_(6Mbps)_1TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.2s
Detector Type
RMS



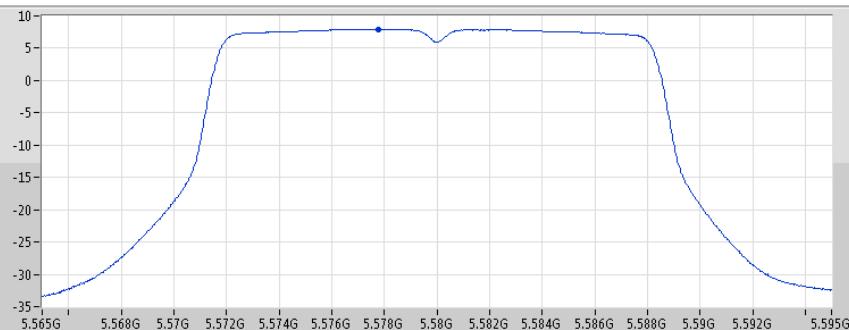
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.85	7.85	7.85

802.11a_(6Mbps)_1TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.2s
Detector Type
RMS



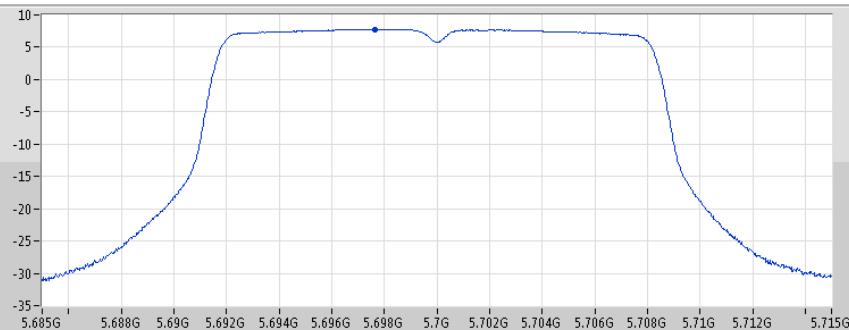
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.93	7.93	7.93

802.11a_(6Mbps)_1TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.2s
Detector Type
RMS



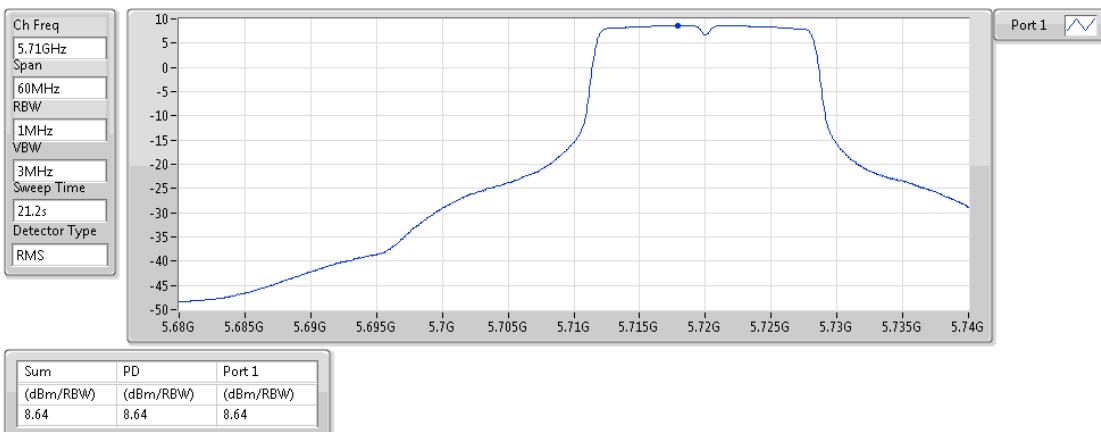
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.78	7.78	7.78



802.11a_(6Mbps)_1TX

PSD

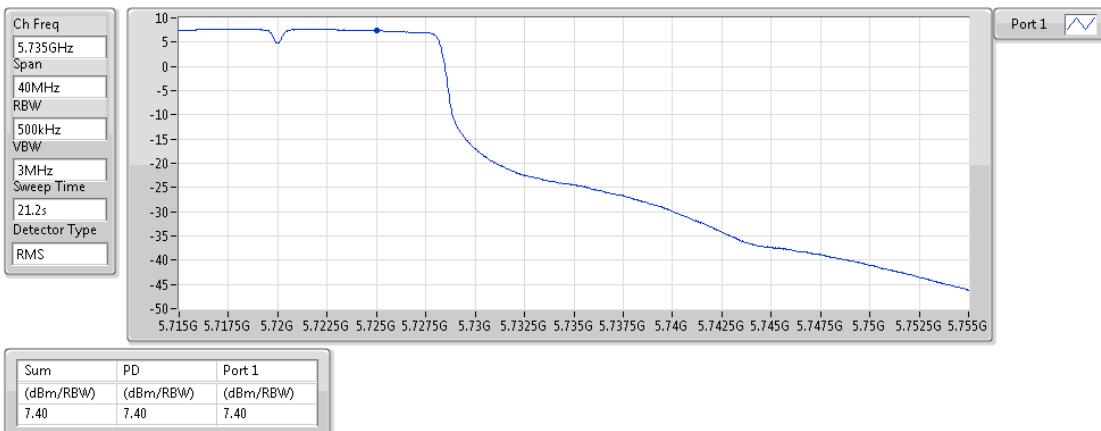
5720MHz Straddle 5.47-5.725GHz



802.11a_(6Mbps)_1TX

PSD

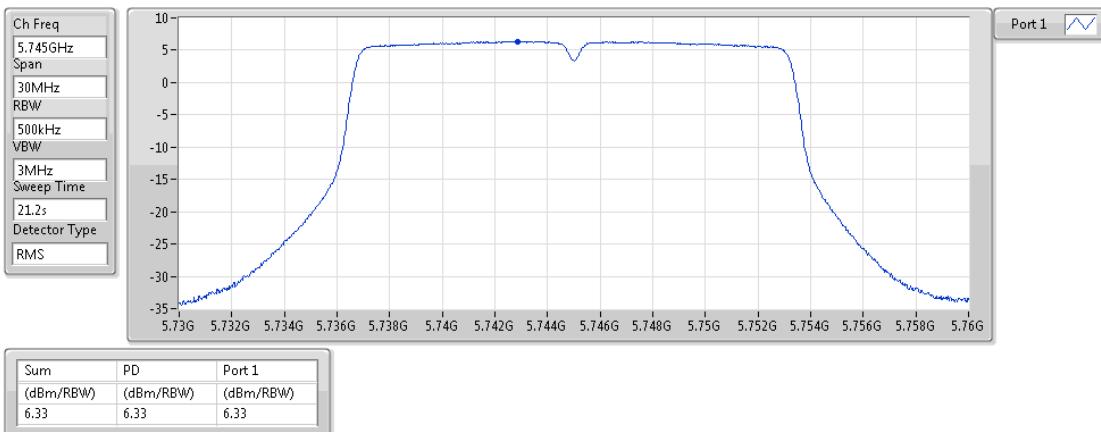
5720MHz Straddle 5.725-5.85GHz



802.11a_(6Mbps)_1TX

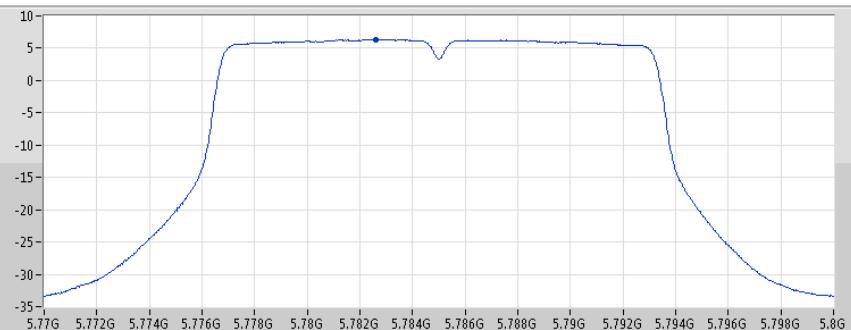
PSD

5745MHz



**802.11a_(6Mbps)_1TX****PSD****5785MHz**

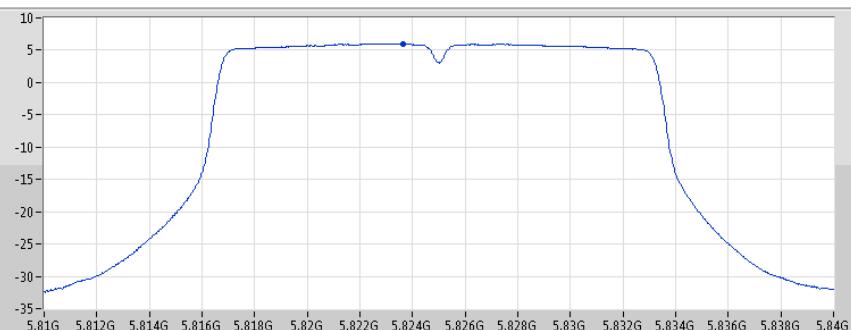
Ch Freq
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
21.2s
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.30	6.30	6.30

802.11a_(6Mbps)_1TX**PSD****5825MHz**

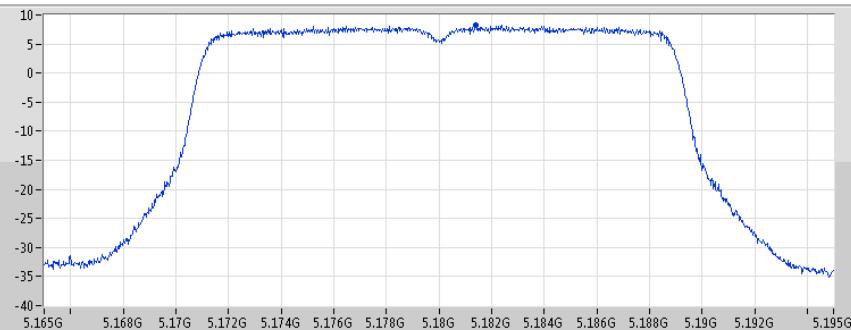
Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
21.2s
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.96	5.96	5.96

802.11ac VHT20_Nss1,(MCS0)_1TX**PSD****5180MHz**

Ch Freq
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.31	8.31	8.31

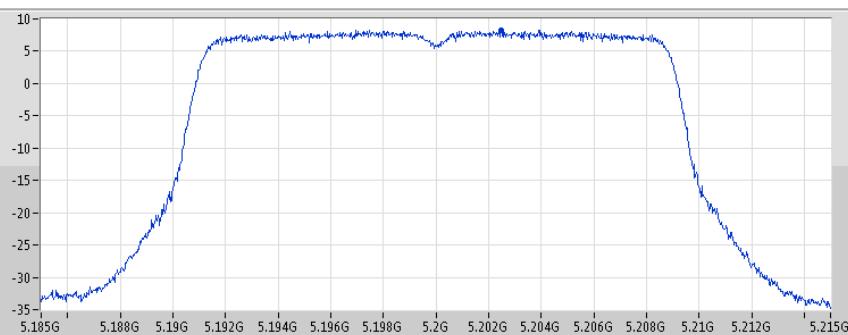


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5200MHz

Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



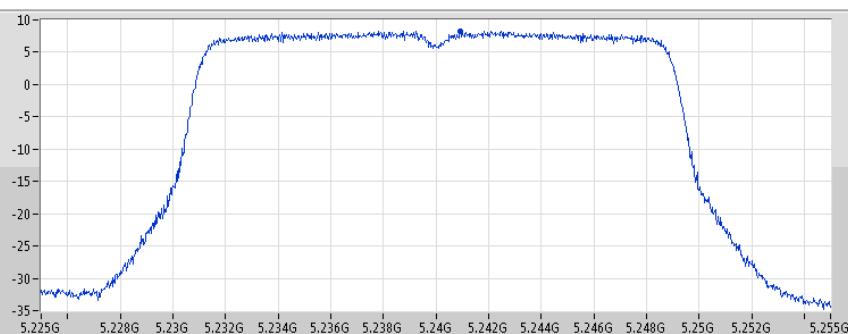
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.31	8.31	8.31

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5240MHz

Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.32	8.32	8.32

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.48	8.48	8.48

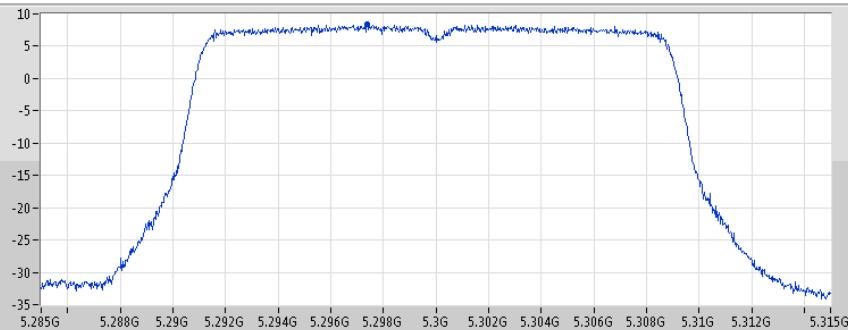


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



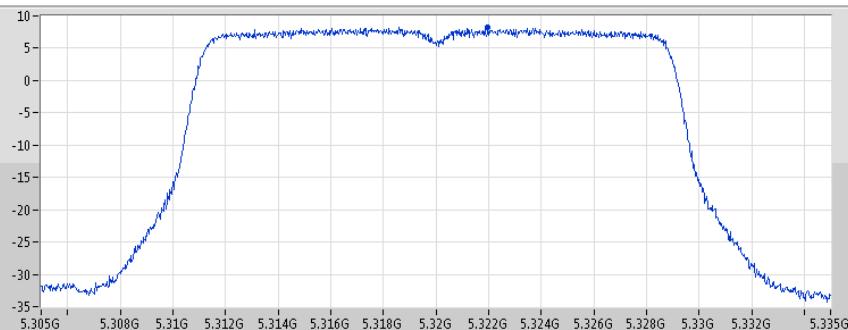
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.34	8.34	8.34

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5320MHz

Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



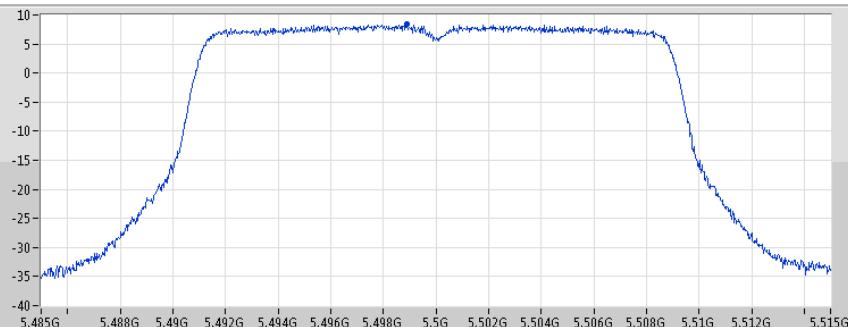
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.31	8.31	8.31

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.36	8.36	8.36

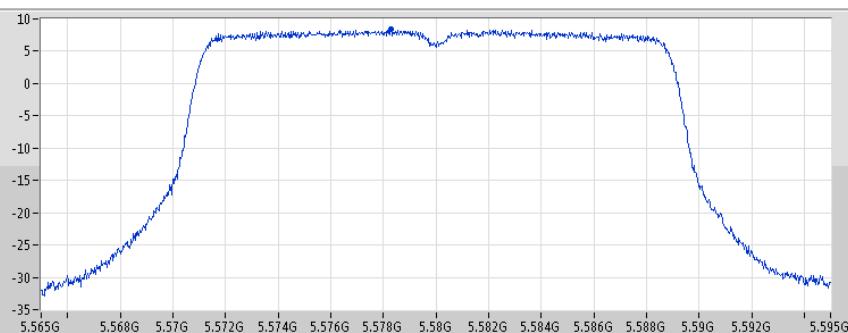


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



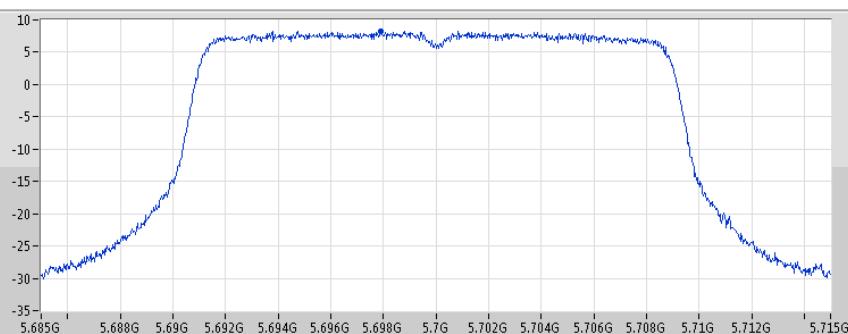
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.36	8.36	8.36

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



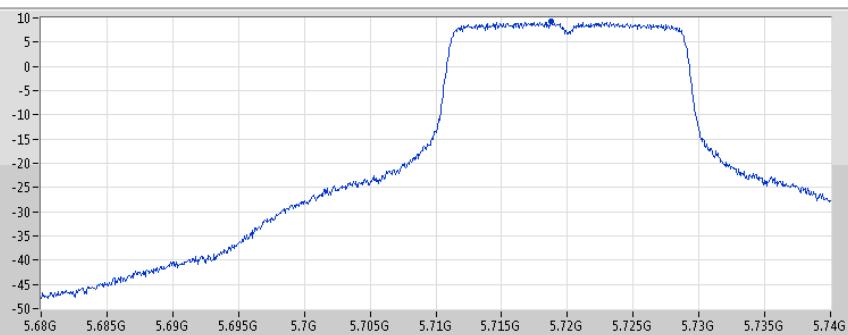
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.24	8.24	8.24

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



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

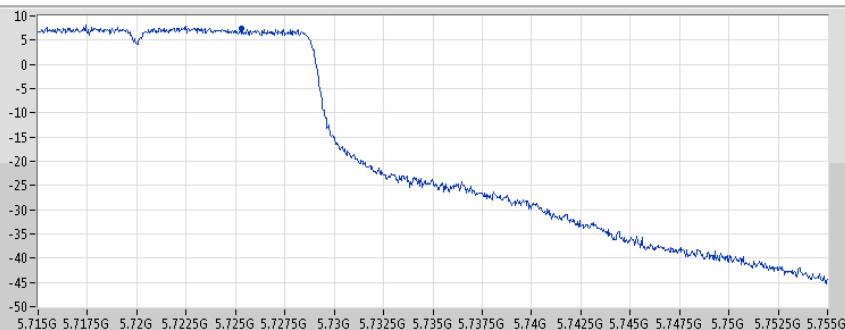


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



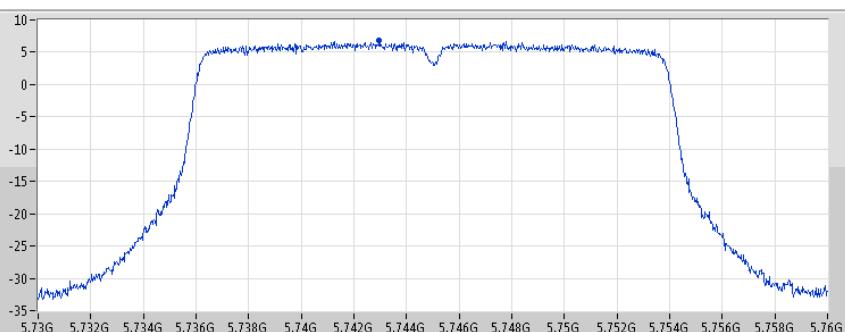
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.41	7.41	7.41

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5745MHz

Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



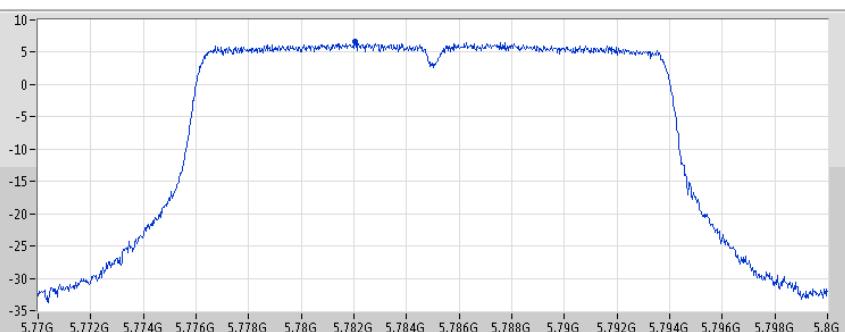
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.75	6.75	6.75

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5785MHz

Ch Freq
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.58	6.58	6.58

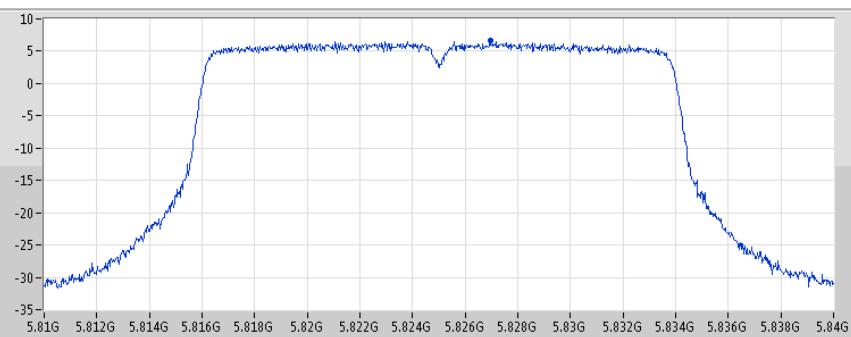


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5825MHz

Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



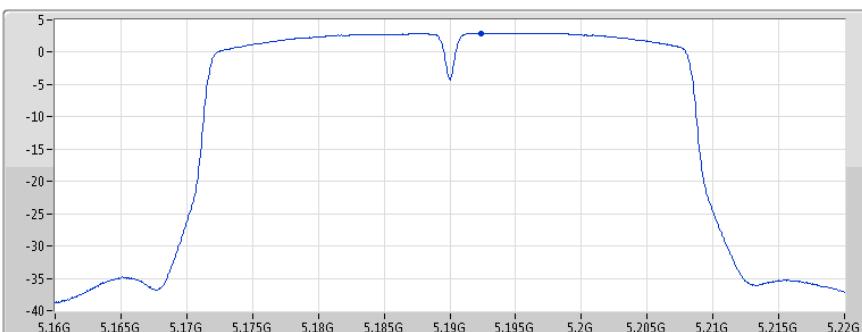
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.61	6.61	6.61

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5190MHz

Ch Freq
5.19GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
25.1s
Detector Type
RMS



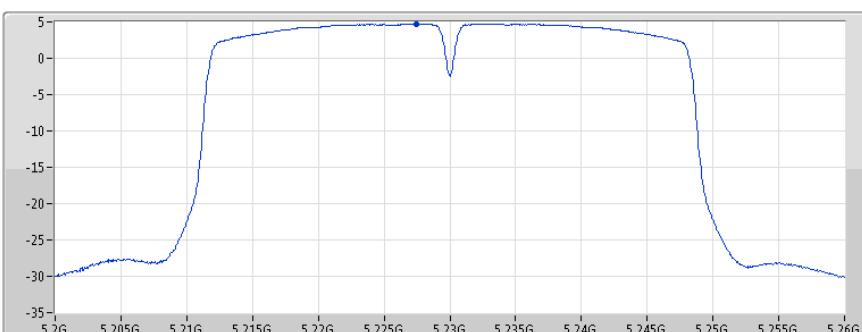
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.95	2.95	2.95

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5230MHz

Ch Freq
5.23GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
25.1s
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.74	4.74	4.74

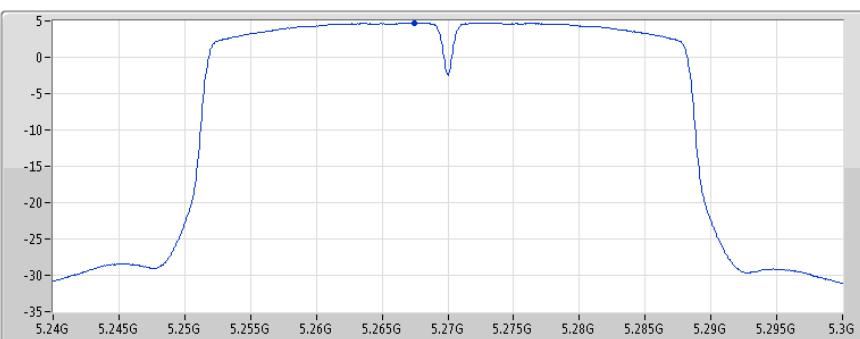


802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5270MHz

Ch Freq
5.27GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
25.1s
Detector Type
RMS



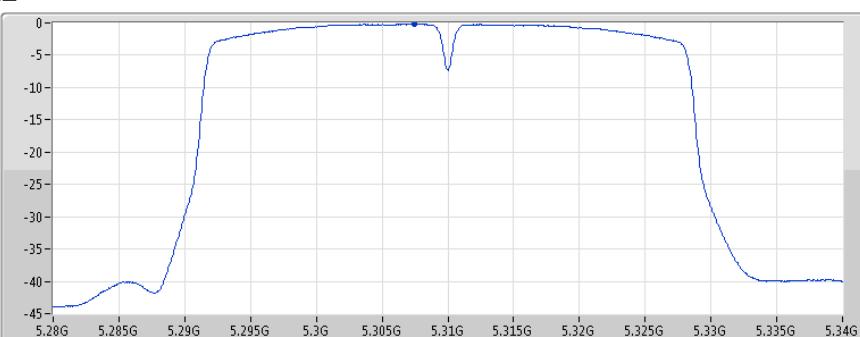
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.73	4.73	4.73

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5310MHz

Ch Freq
5.31GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
25.1s
Detector Type
RMS



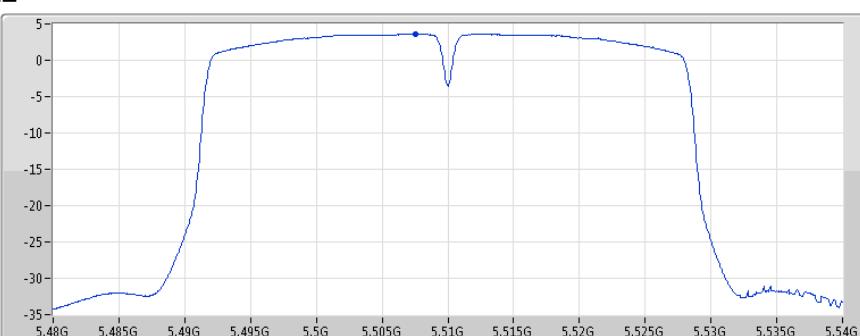
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.16	-0.16	-0.16

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5510MHz

Ch Freq
5.51GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
25.1s
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.63	3.63	3.63

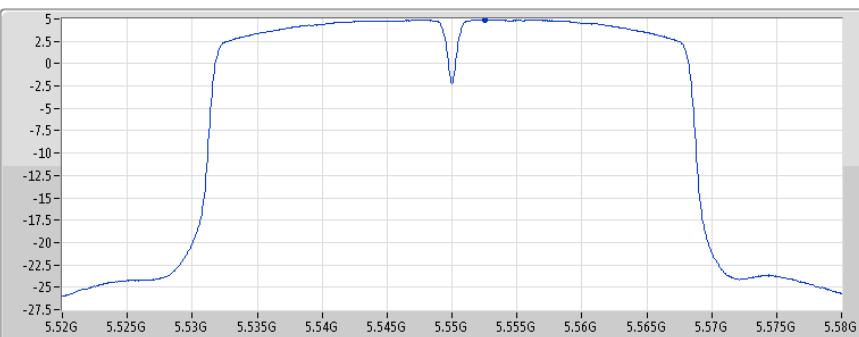


802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5550MHz

Ch Freq	5.55GHz
Span	60MHz
RBW	1MHz
VBW	3MHz
Sweep Time	25.1s
Detector Type	RMS



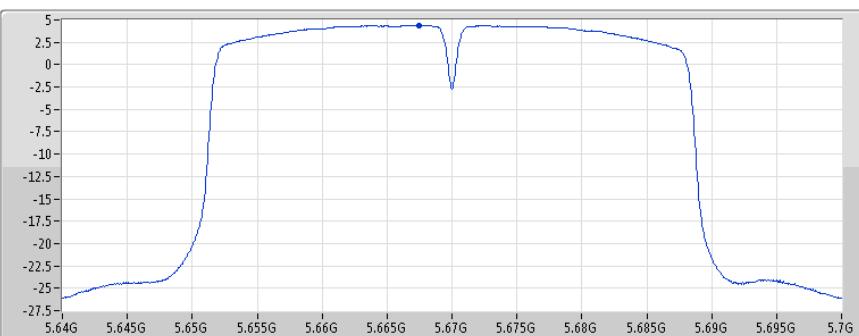
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.92	4.92	4.92

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5670MHz

Ch Freq	5.67GHz
Span	60MHz
RBW	1MHz
VBW	3MHz
Sweep Time	25.1s
Detector Type	RMS



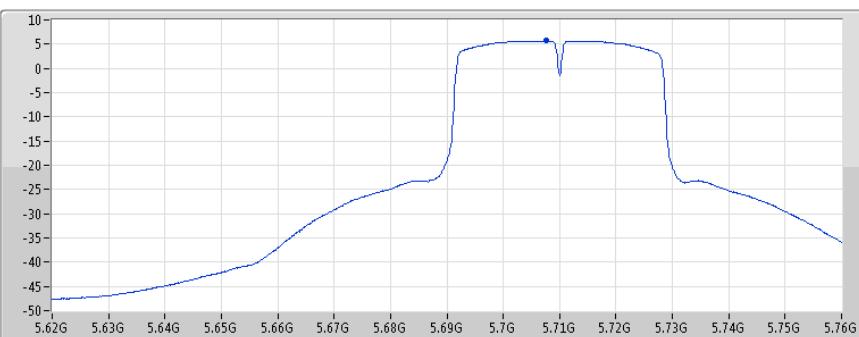
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.42	4.42	4.42

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

Ch Freq	5.69GHz
Span	140MHz
RBW	1MHz
VBW	3MHz
Sweep Time	25.1s
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.69	5.69	5.69

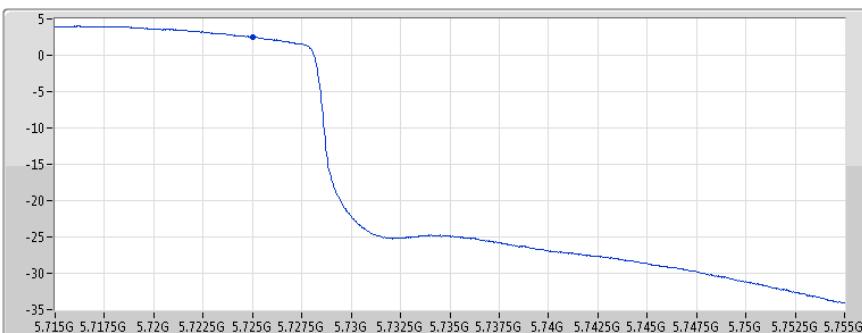


802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
25.1s
Detector Type
RMS



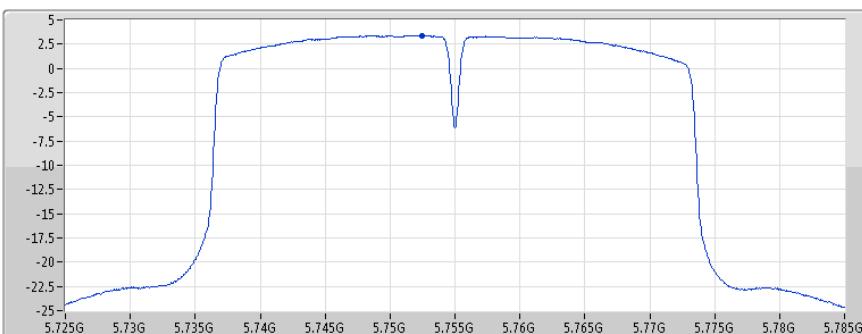
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.54	2.54	2.54

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5755MHz

Ch Freq
5.755GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
25.1s
Detector Type
RMS



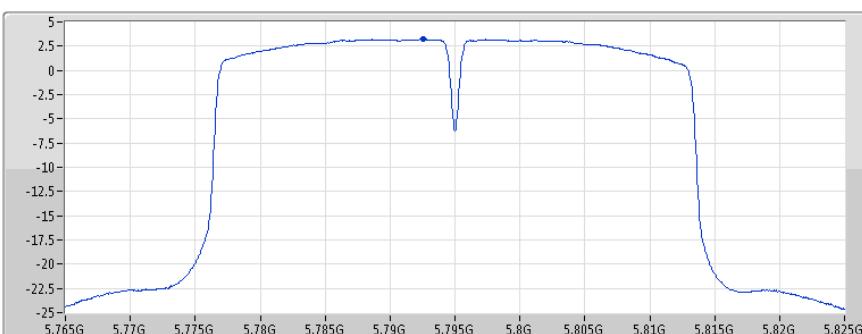
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.40	3.40	3.40

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5795MHz

Ch Freq
5.795GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
25.1s
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.23	3.23	3.23

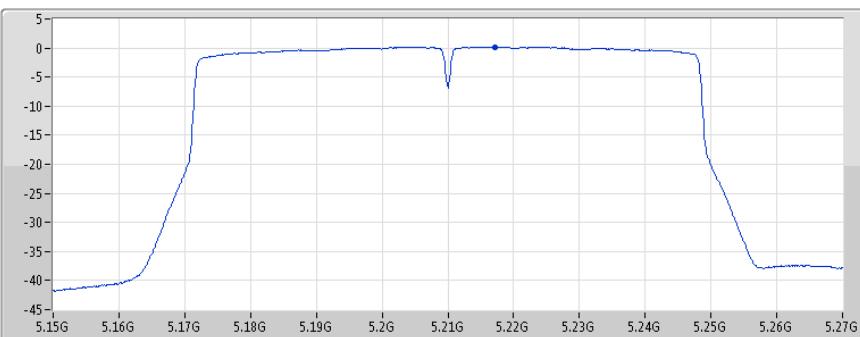


802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5210MHz

Ch Freq
5.21GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
12.2s
Detector Type
RMS



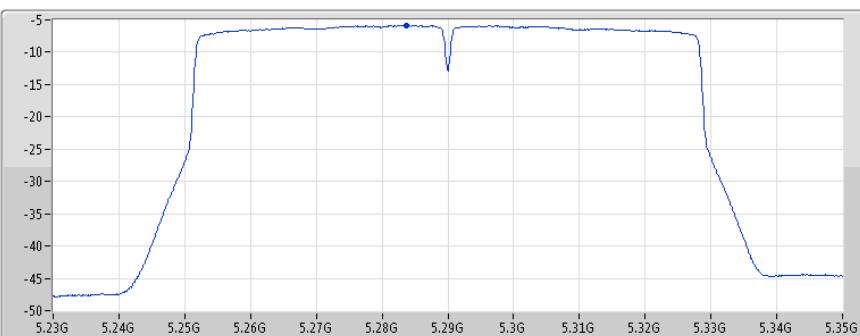
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.20	0.20	0.20

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5290MHz

Ch Freq
5.29GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
12.2s
Detector Type
RMS



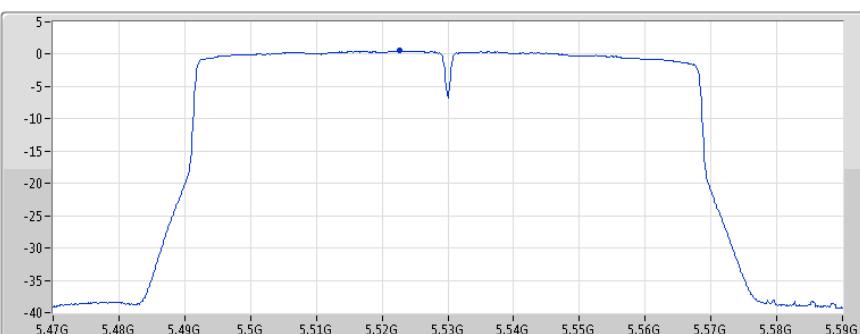
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.82	-5.82	-5.82

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5530MHz

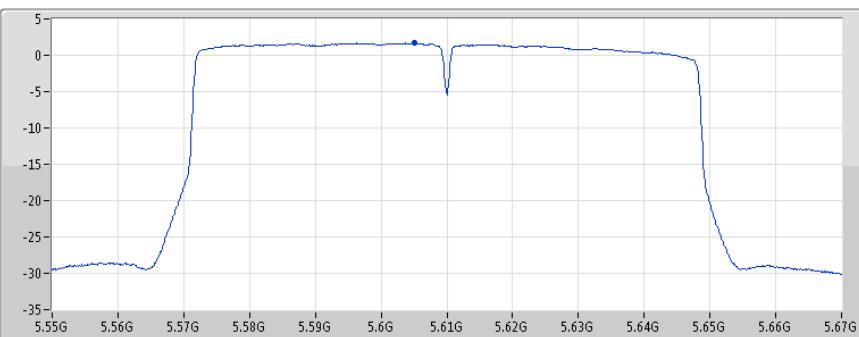
Ch Freq
5.53GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
12.2s
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.53	0.53	0.53

**802.11ac VHT80_Nss1,(MCS0)_1TX****PSD****5610MHz**

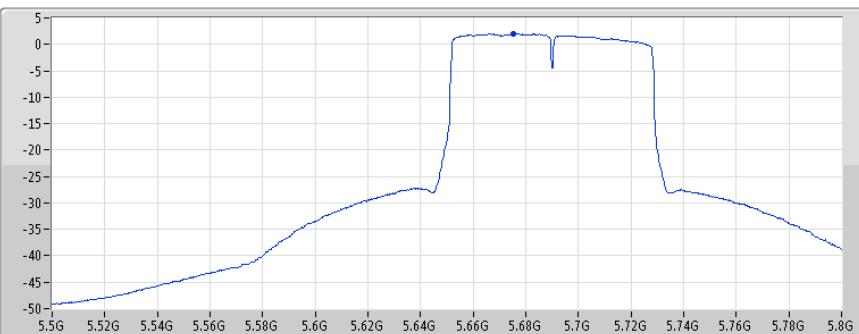
Ch Freq	5.61GHz
Span	120MHz
RBW	1MHz
VBW	3MHz
Sweep Time	12.2s
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.65	1.65	1.65

802.11ac VHT80_Nss1,(MCS0)_1TX**PSD****5690MHz Straddle 5.47-5.725GHz**

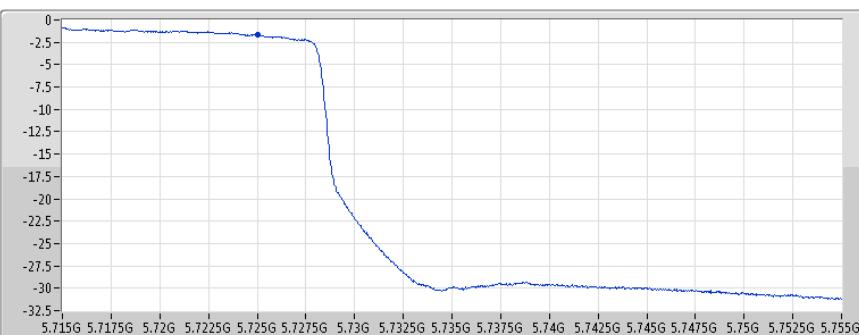
Ch Freq	5.65GHz
Span	300MHz
RBW	1MHz
VBW	3MHz
Sweep Time	12.2s
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.99	1.99	1.99

802.11ac VHT80_Nss1,(MCS0)_1TX**PSD****5690MHz Straddle 5.725-5.85GHz**

Ch Freq	5.735GHz
Span	40MHz
RBW	500kHz
VBW	3MHz
Sweep Time	12.2s
Detector Type	RMS



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

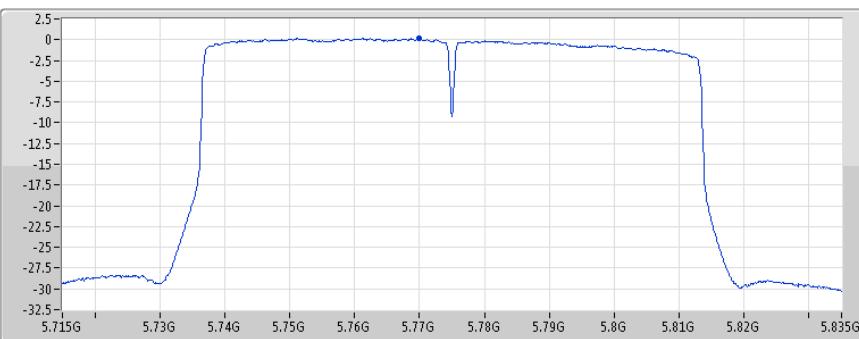


802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5775MHz

Ch Freq
5.775GHz
Span
120MHz
RBW
500kHz
VBW
3MHz
Sweep Time
12.2s
Detector Type
RMS

Port 1

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



For Set 2 antennas / 2TX:
<For Non-Beamforming Mode>
Summary

Mode	PD (dBm/RBW)
802.11a_(6Mbps)_2TX	-
5.15-5.25GHz	11.04
5.25-5.35GHz	8.49
5.47-5.725GHz	8.50
5.725-5.85GHz	9.25
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5.15-5.25GHz	11.00
5.25-5.35GHz	8.48
5.47-5.725GHz	8.53
5.725-5.85GHz	9.19
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5.15-5.25GHz	8.36
5.25-5.35GHz	8.45
5.47-5.725GHz	8.44
5.725-5.85GHz	6.64
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5.15-5.25GHz	4.09
5.25-5.35GHz	-1.97
5.47-5.725GHz	4.72
5.725-5.85GHz	3.45

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.46	8.20	7.92	11.04	14.54
5200MHz	Pass	8.46	8.15	7.85	10.96	14.54
5240MHz	Pass	8.46	8.02	7.59	10.77	14.54
5260MHz	Pass	8.46	5.43	5.66	8.49	8.54
5300MHz	Pass	8.46	5.25	5.30	8.23	8.54
5320MHz	Pass	8.46	5.70	5.25	8.44	8.54
5500MHz	Pass	8.46	5.34	4.99	8.11	8.54
5580MHz	Pass	8.46	5.68	5.36	8.50	8.54
5700MHz	Pass	8.46	5.74	5.34	8.48	8.54
5720MHz Straddle 5.47-5.725GHz	Pass	8.46	5.74	5.24	8.47	8.54
5720MHz Straddle 5.725-5.85GHz	Pass	8.46	3.70	3.60	6.62	27.54
5745MHz	Pass	8.46	6.52	6.18	9.25	27.54
5785MHz	Pass	8.46	6.15	6.21	9.15	27.54
5825MHz	Pass	8.46	6.10	6.14	9.05	27.54
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.46	8.05	7.97	10.99	14.54
5200MHz	Pass	8.46	8.03	8.02	11.00	14.54
5240MHz	Pass	8.46	8.01	7.74	10.80	14.54
5260MHz	Pass	8.46	5.48	5.55	8.39	8.54
5300MHz	Pass	8.46	5.29	5.28	8.21	8.54
5320MHz	Pass	8.46	5.75	5.25	8.48	8.54
5500MHz	Pass	8.46	5.54	5.12	8.28	8.54
5580MHz	Pass	8.46	5.30	5.04	8.15	8.54
5700MHz	Pass	8.46	5.85	5.38	8.52	8.54
5720MHz Straddle 5.47-5.725GHz	Pass	8.46	5.87	5.41	8.53	8.54
5720MHz Straddle 5.725-5.85GHz	Pass	8.46	3.64	3.68	6.56	27.54
5745MHz	Pass	8.46	6.36	6.28	9.19	27.54
5785MHz	Pass	8.46	6.13	6.20	9.11	27.54
5825MHz	Pass	8.46	6.17	6.15	9.11	27.54
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	8.46	4.57	4.30	7.39	14.54
5230MHz	Pass	8.46	5.58	5.15	8.36	14.54
5270MHz	Pass	8.46	5.63	5.29	8.45	8.54
5310MHz	Pass	8.46	1.19	1.27	4.13	8.54
5510MHz	Pass	8.46	5.61	4.91	8.28	8.54
5550MHz	Pass	8.46	5.73	5.15	8.44	8.54
5670MHz	Pass	8.46	5.79	5.12	8.32	8.54
5710MHz Straddle 5.47-5.725GHz	Pass	8.46	5.45	4.75	8.03	8.54
5710MHz Straddle 5.725-5.85GHz	Pass	8.46	2.31	1.52	4.89	27.54
5755MHz	Pass	8.46	4.08	3.35	6.64	27.54
5795MHz	Pass	8.46	3.80	3.47	6.52	27.54
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-

**FCC Test Report****Report No. : FR760613AC**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5210MHz	Pass	8.46	1.33	1.00	4.09	14.54
5290MHz	Pass	8.46	-4.96	-4.85	-1.97	8.54
5530MHz	Pass	8.46	1.91	1.71	4.72	8.54
5610MHz	Pass	8.46	1.98	1.54	4.70	8.54
5690MHz Straddle 5.47-5.725GHz	Pass	8.46	1.99	1.63	4.72	8.54
5690MHz Straddle 5.725-5.85GHz	Pass	8.46	-0.79	-1.06	2.04	27.54
5775MHz	Pass	8.46	0.74	0.14	3.45	27.54

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

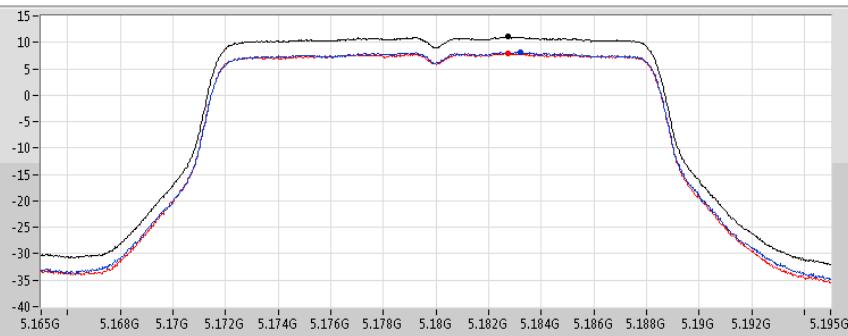


802.11a_(6Mbps)_2TX

PSD

5180MHz

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



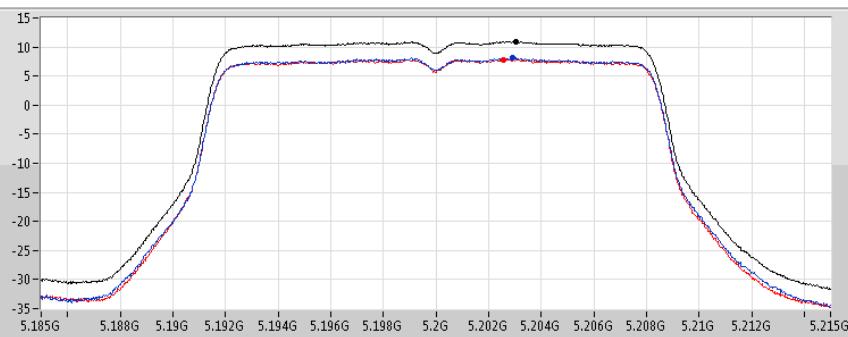
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.04	11.04	8.20	7.92

802.11a_(6Mbps)_2TX

PSD

5200MHz

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



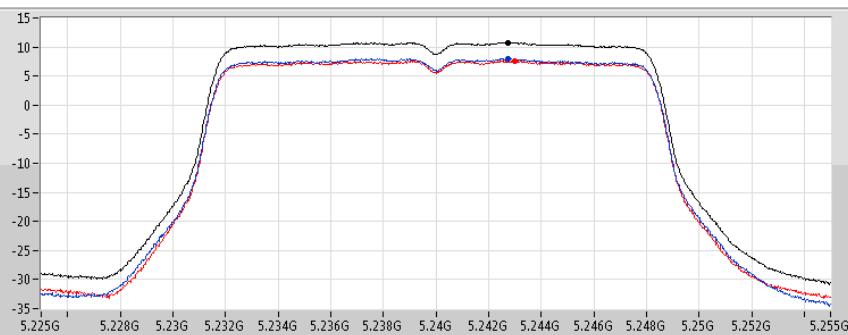
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.96	10.96	8.15	7.85

802.11a_(6Mbps)_2TX

PSD

5240MHz

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



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.77	10.77	8.02	7.59

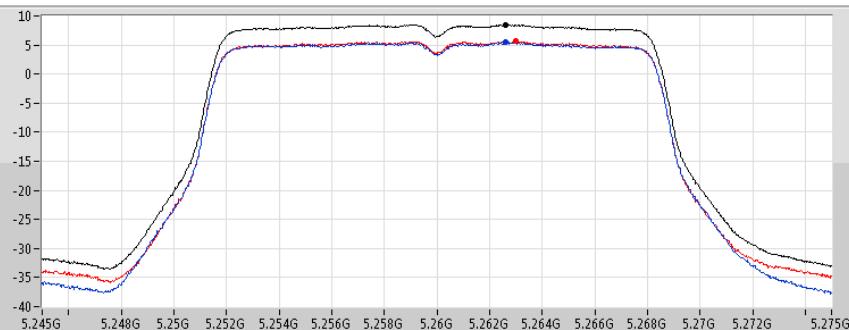


802.11a_(6Mbps)_2TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

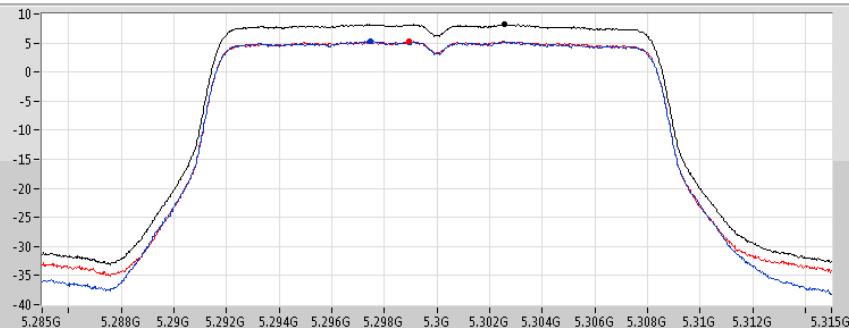
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.49	8.49	5.43	5.66

802.11a_(6Mbps)_2TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

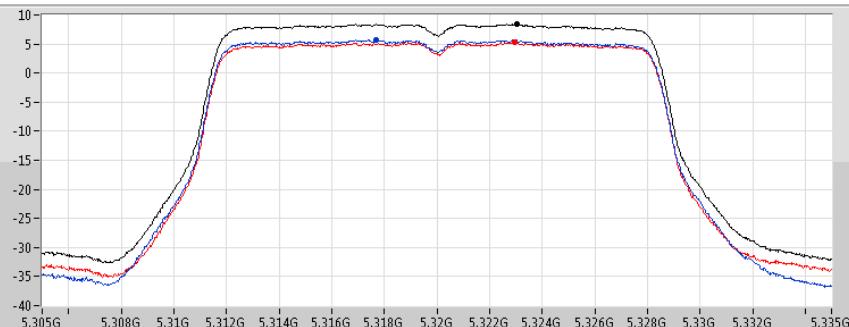
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.23	8.23	5.25	5.30

802.11a_(6Mbps)_2TX

PSD

5320MHz

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.44	8.44	5.70	5.25

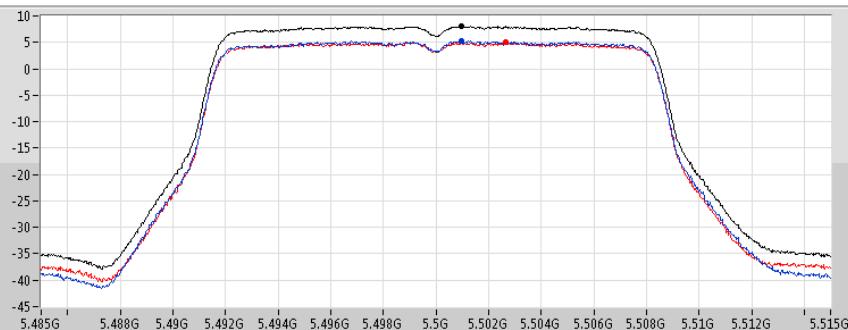


802.11a_(6Mbps)_2TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

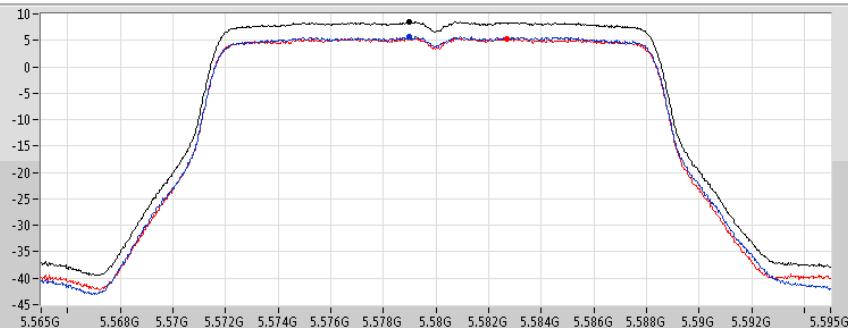
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.11	8.11	5.34	4.99

802.11a_(6Mbps)_2TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

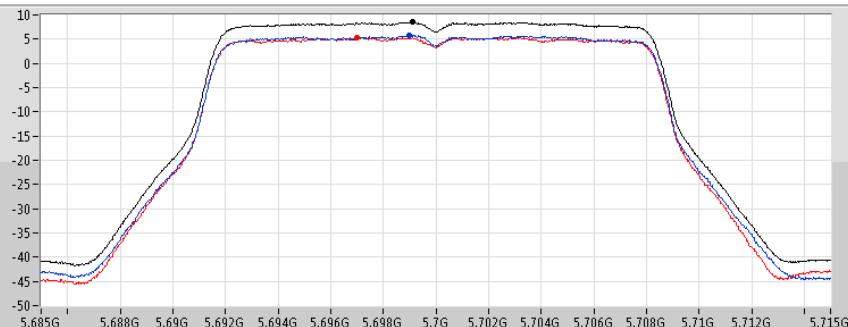
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.50	8.50	5.68	5.36

802.11a_(6Mbps)_2TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.48	8.48	5.74	5.34

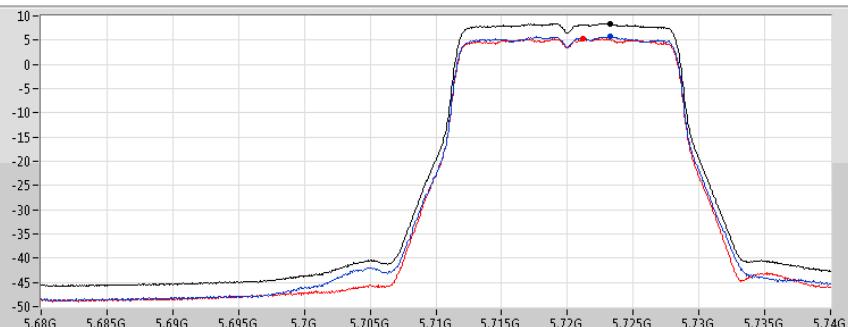


802.11a_(6Mbps)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

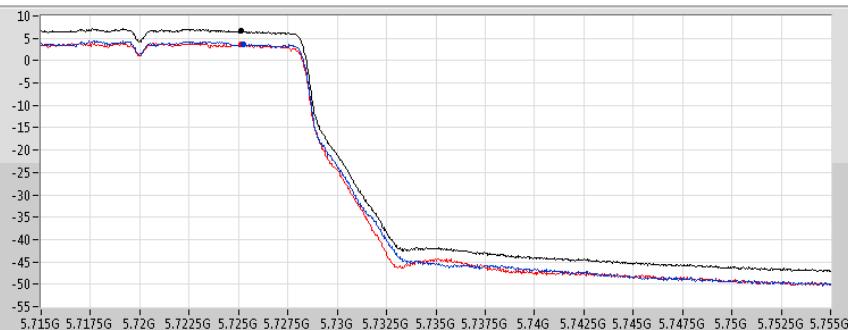
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.47	8.47	5.74	5.24

802.11a_(6Mbps)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

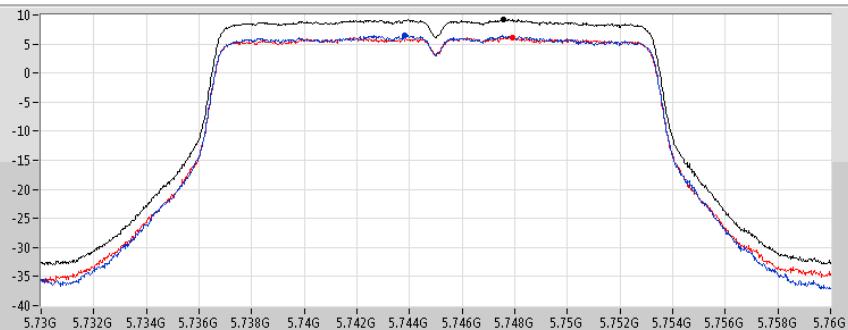
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.62	6.62	3.70	3.60

802.11a_(6Mbps)_2TX

PSD

5745MHz

Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.25	9.25	6.52	6.18

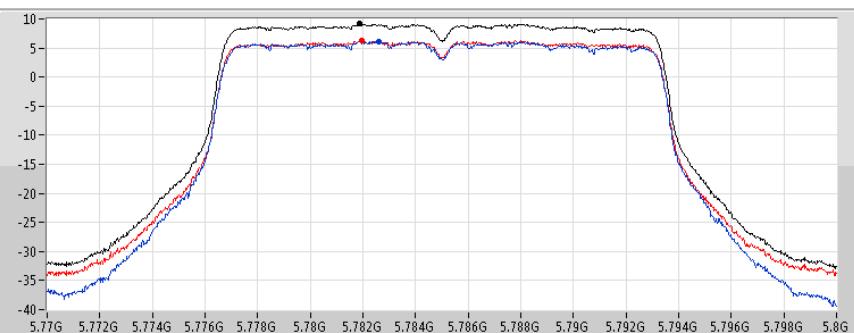


802.11a_(6Mbps)_2TX

PSD

5785MHz

Ch Freq
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

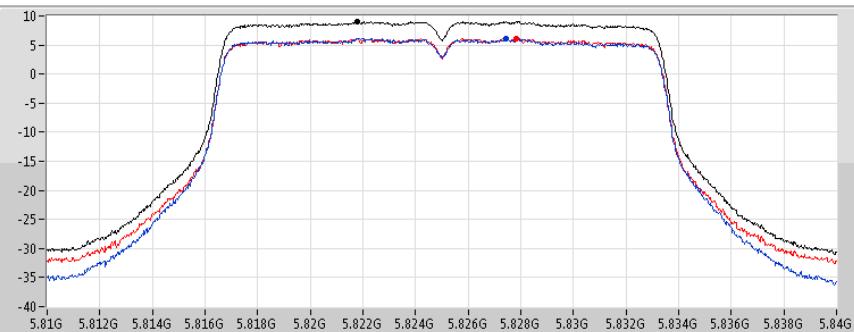
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.15	9.15	6.15	6.21

802.11a_(6Mbps)_2TX

PSD

5825MHz

Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

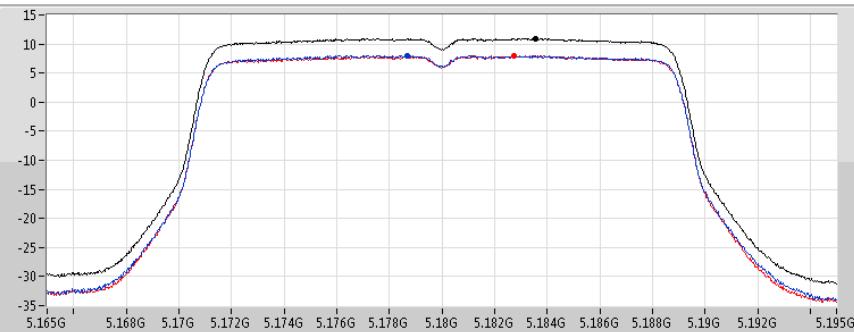
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.05	9.05	6.10	6.14

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5180MHz

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.99	10.99	8.05	7.97

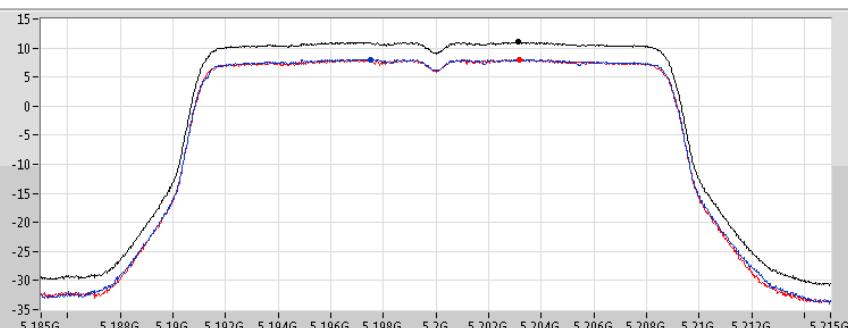


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5200MHz

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



Sum
Port 1
Port 2

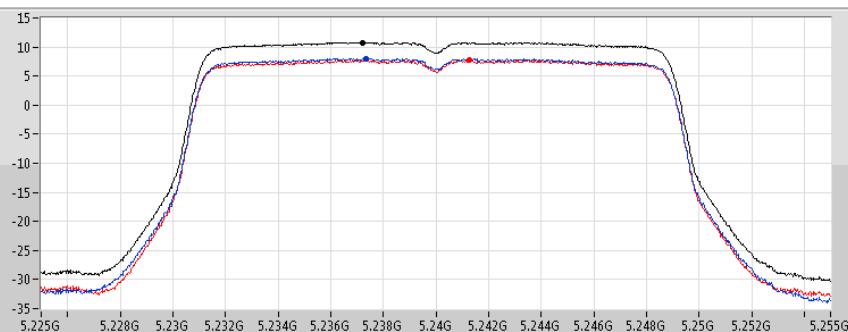
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.00	11.00	8.03	8.02

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5240MHz

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



Sum
Port 1
Port 2

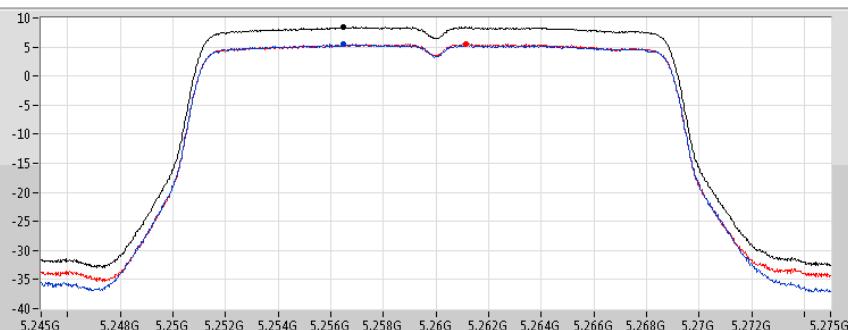
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.80	10.80	8.01	7.74

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.39	8.39	5.48	5.55

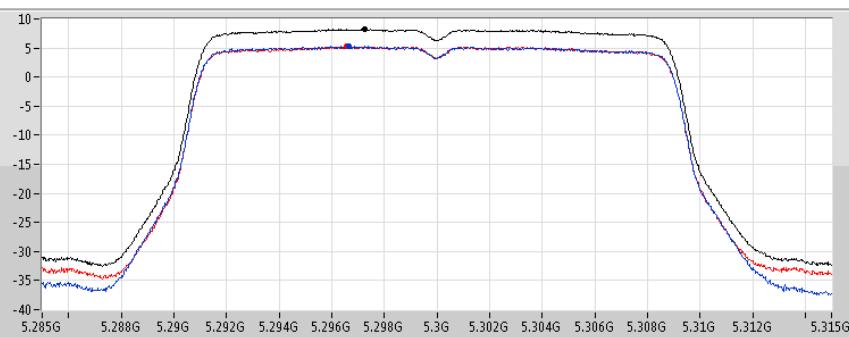


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

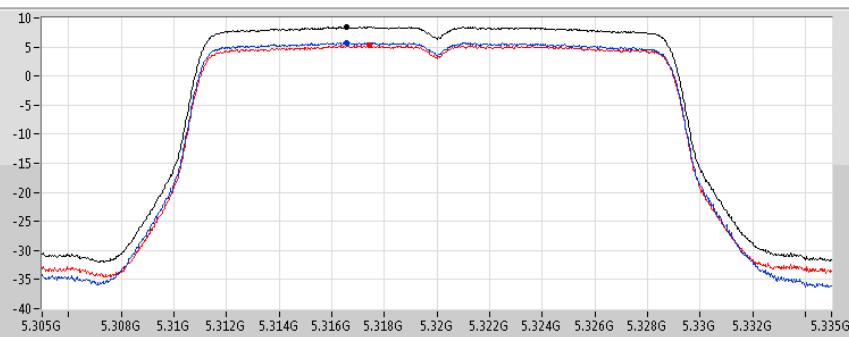
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.21	8.21	5.29	5.28

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5320MHz

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



Sum
Port 1
Port 2

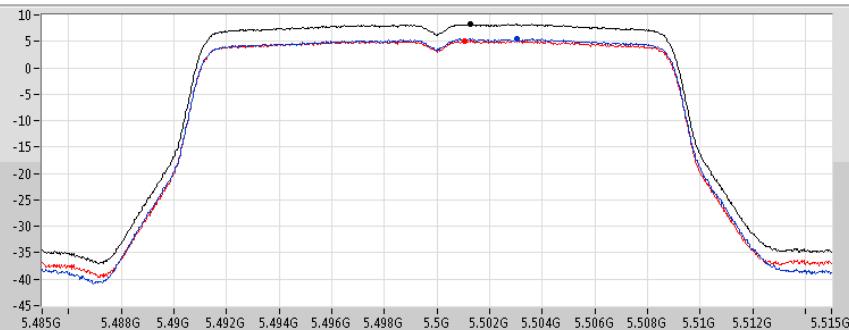
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.48	8.48	5.75	5.25

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.28	8.28	5.54	5.12

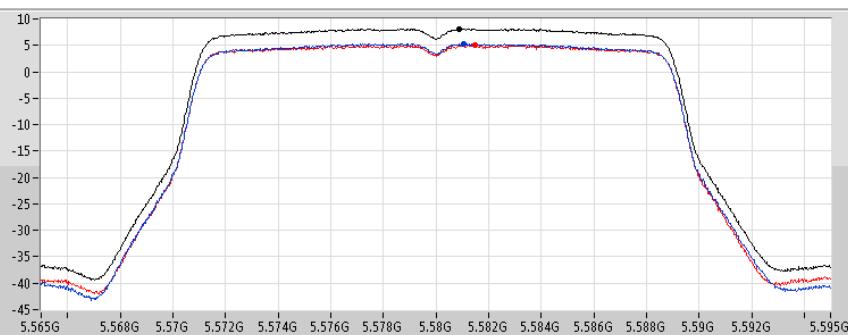


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



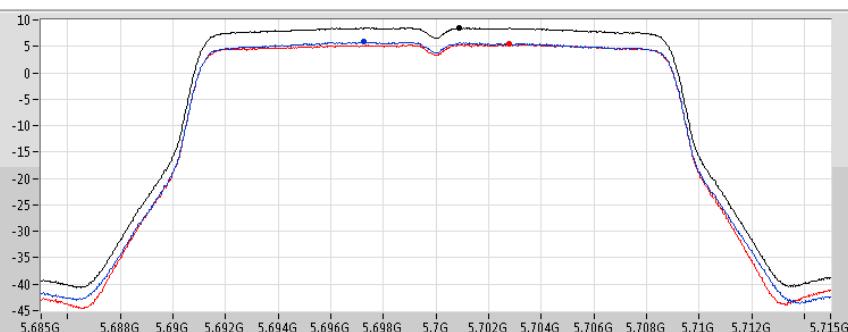
Sum
Port 1
Port 2

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



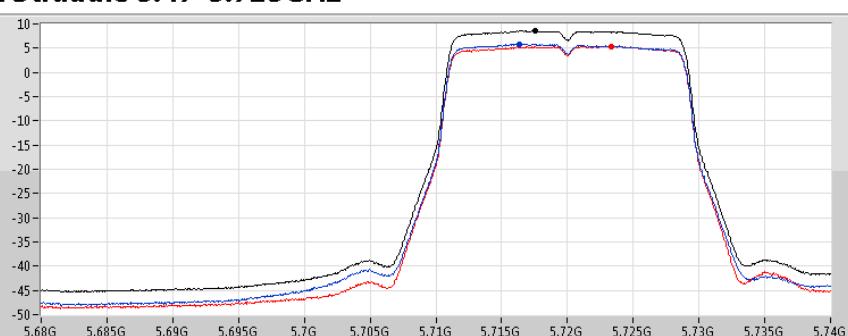
Sum
Port 1
Port 2

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.15	8.15	5.30	5.04

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.52	8.52	5.85	5.38

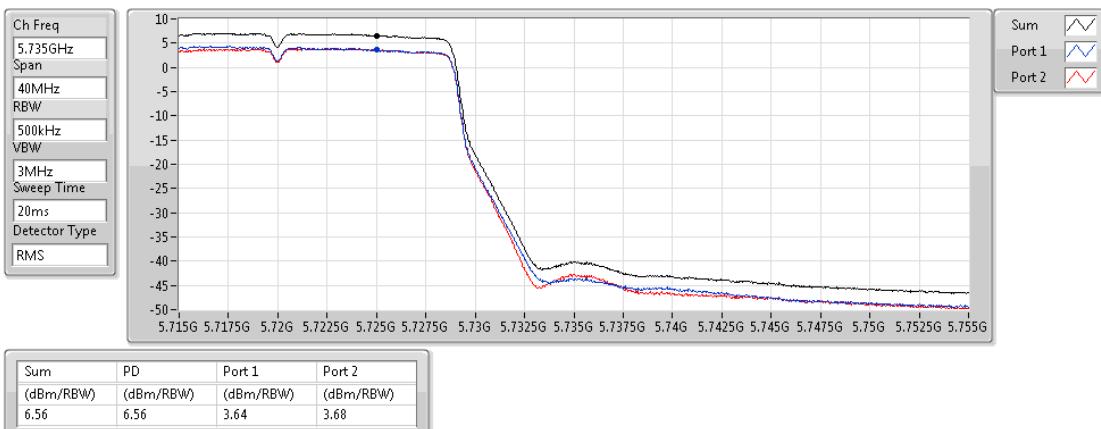
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.53	8.53	5.87	5.41



802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

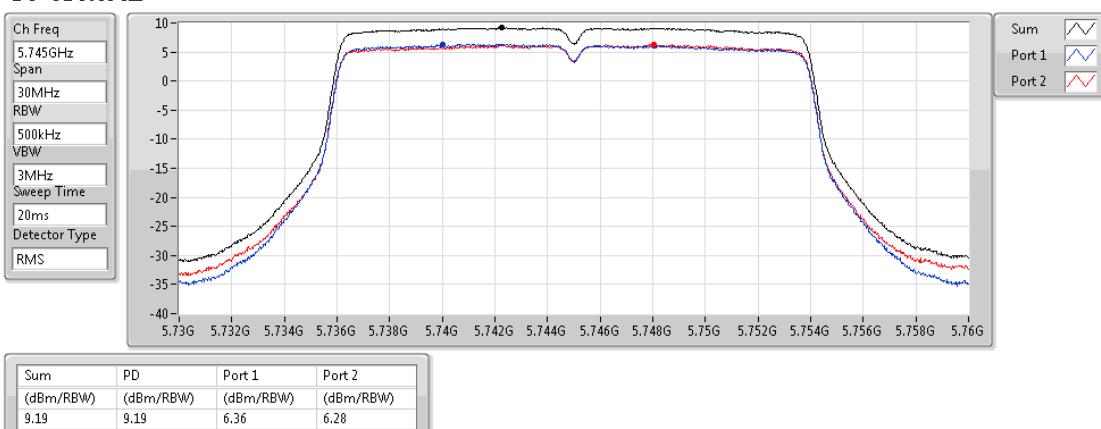
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

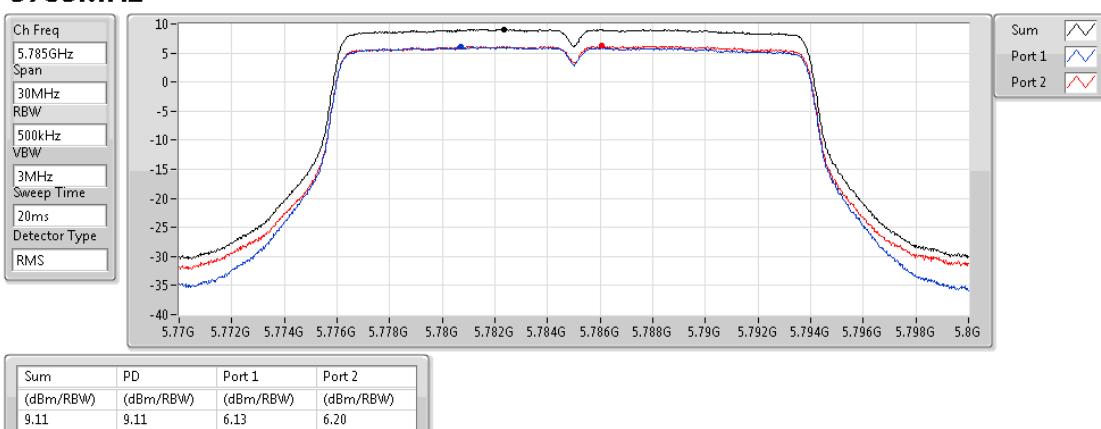
5745MHz



802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5785MHz



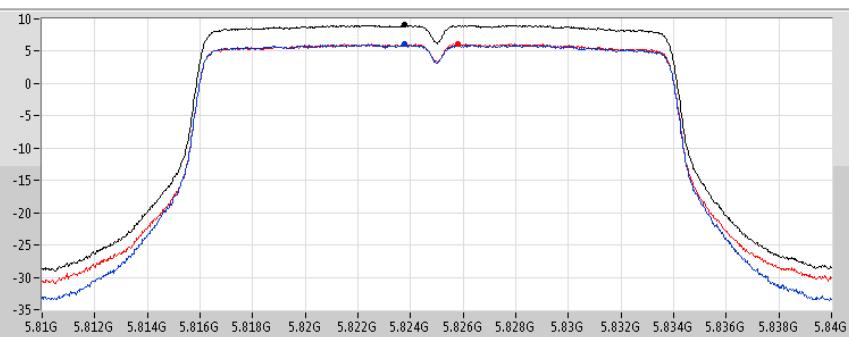


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5825MHz

Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

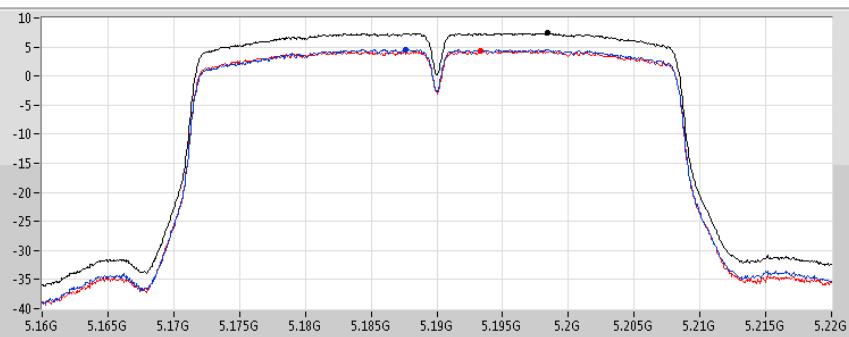
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.11	9.11	6.17	6.15

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5190MHz

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



Sum
Port 1
Port 2

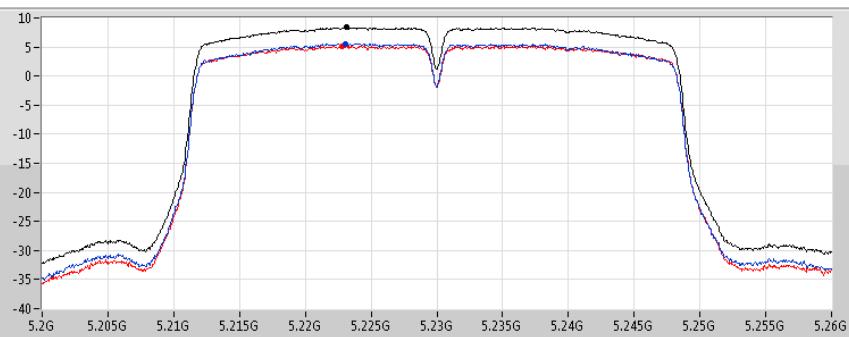
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.39	7.39	4.57	4.30

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5230MHz

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



Sum
Port 1
Port 2

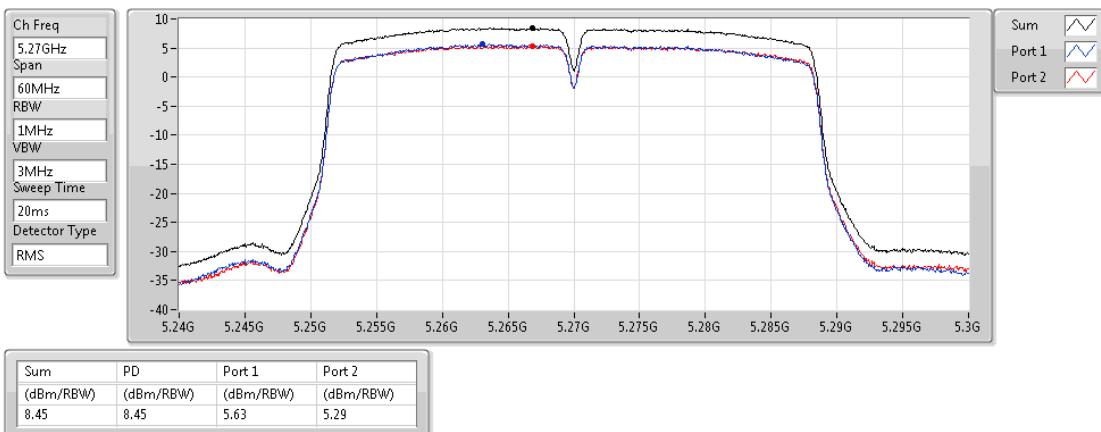
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.36	8.36	5.58	5.15



802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

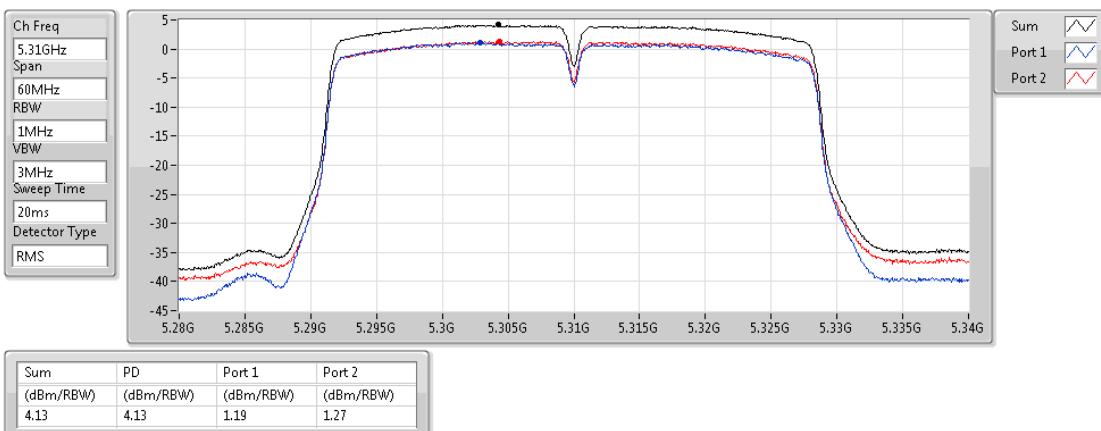
5270MHz



802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

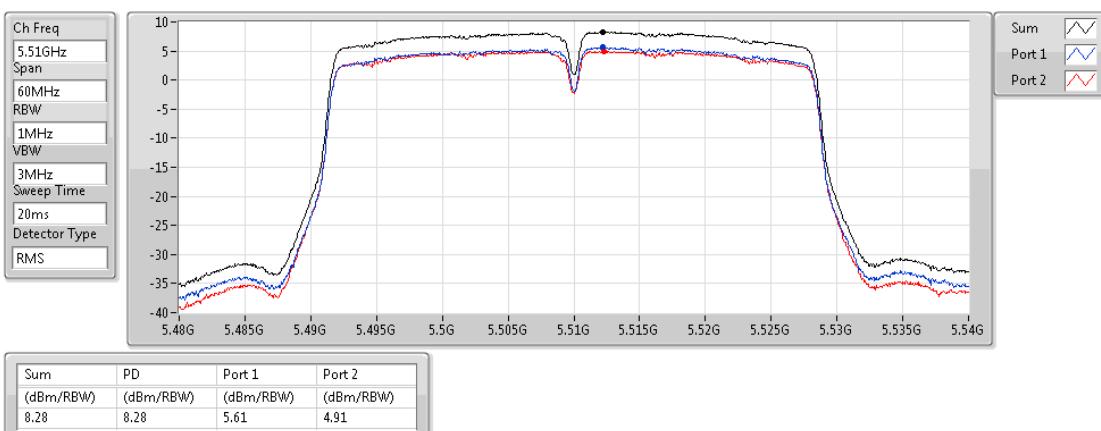
5310MHz



802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5510MHz



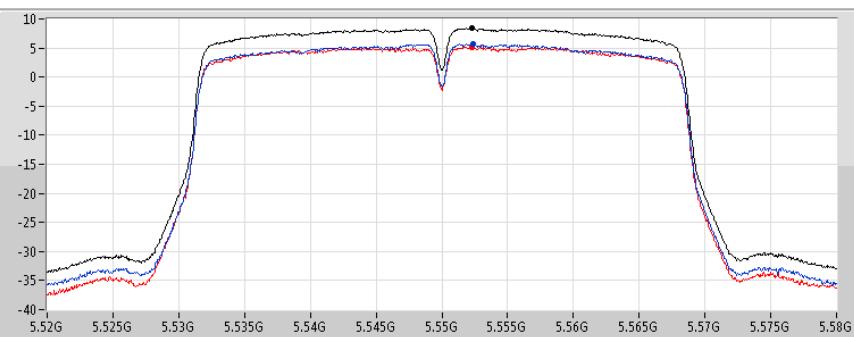


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5550MHz

Ch Freq
5.55GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

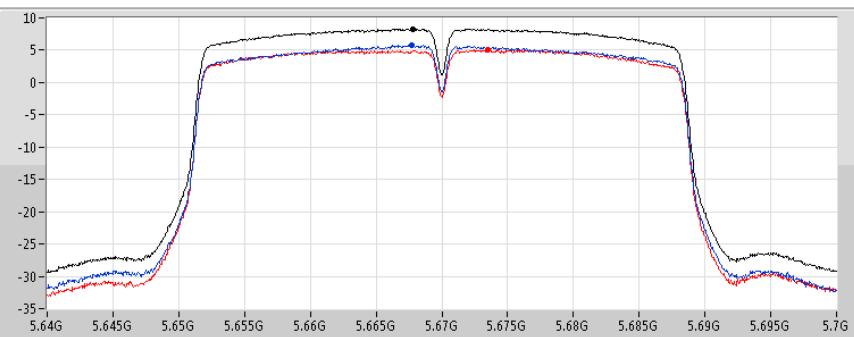
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.44	8.44	5.73	5.15

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5670MHz

Ch Freq
5.67GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

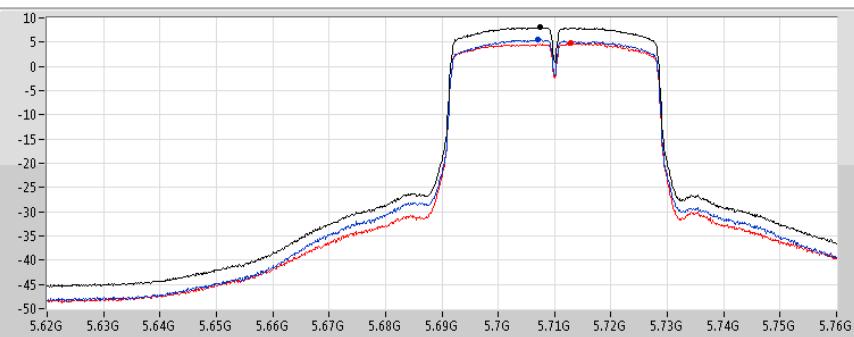
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.32	8.32	5.79	5.12

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

Ch Freq
5.69GHz
Span
140MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

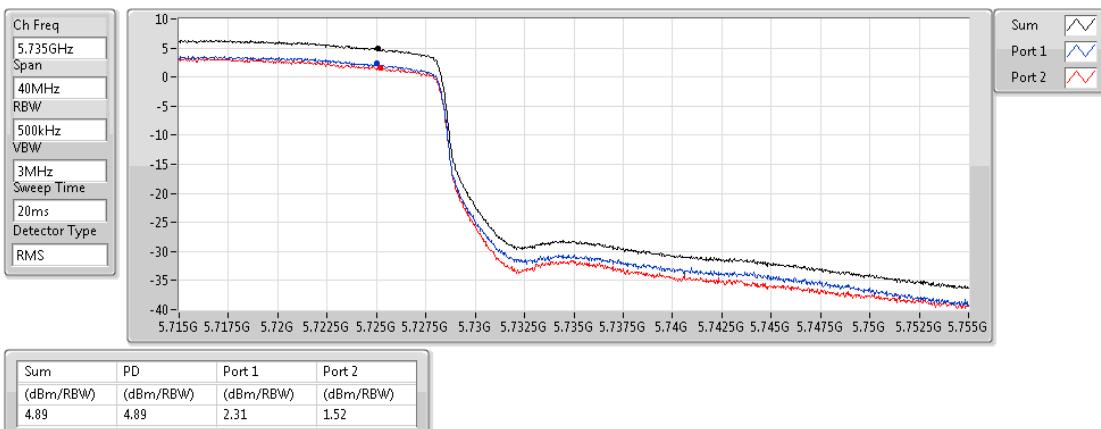
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.03	8.03	5.45	4.75



802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

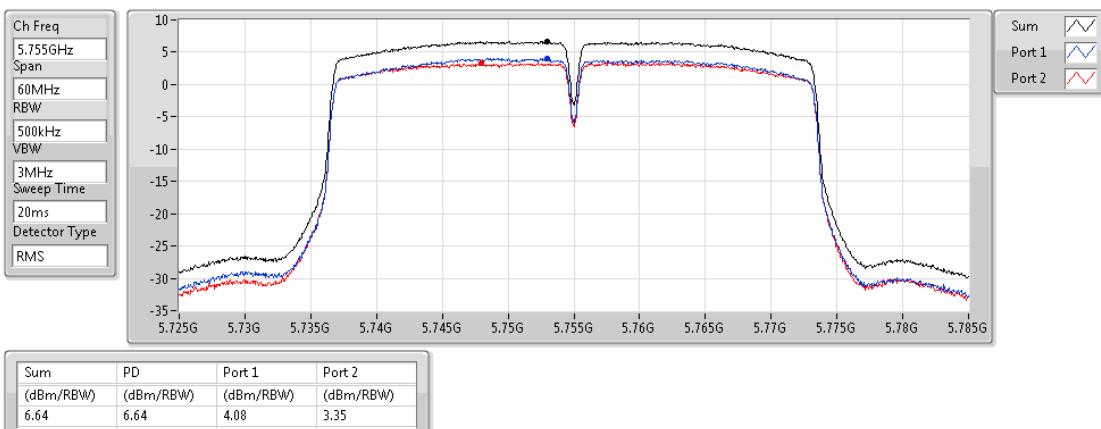
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

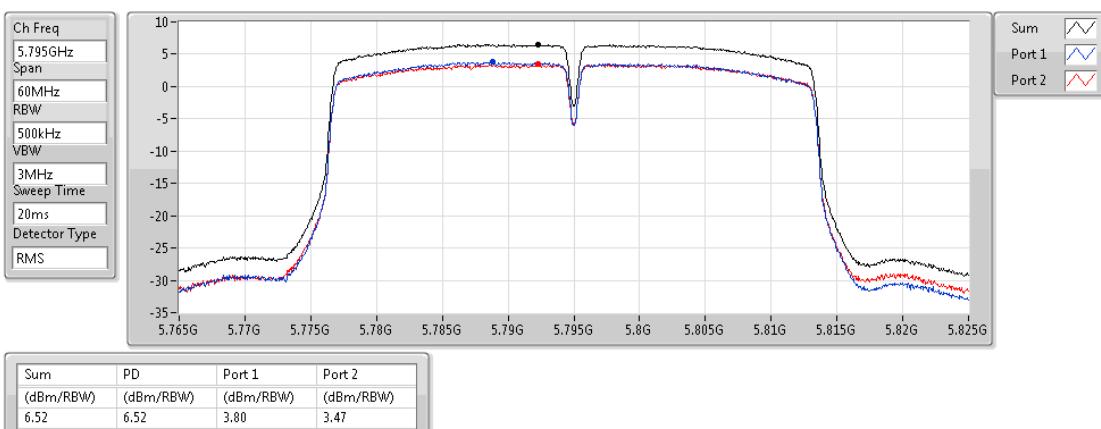
5755MHz



802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5795MHz



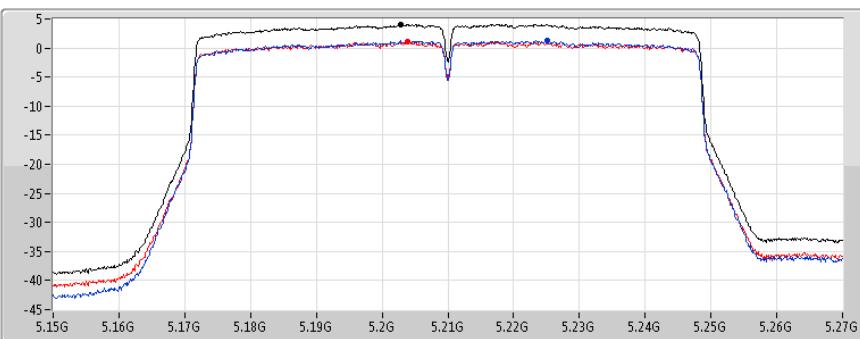


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5210MHz

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



Sum
Port 1
Port 2

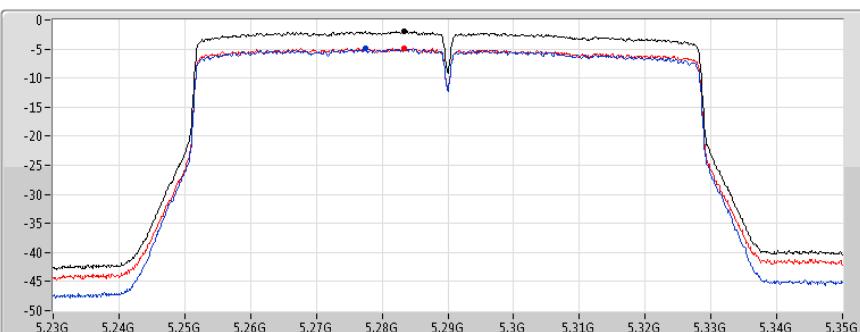
Sum PD Port 1 Port 2
(dBm/RBW) (dBm/RBW) (dBm/RBW)
4.09 4.09 1.33 1.00

802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5290MHz

Ch Freq
5.29GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

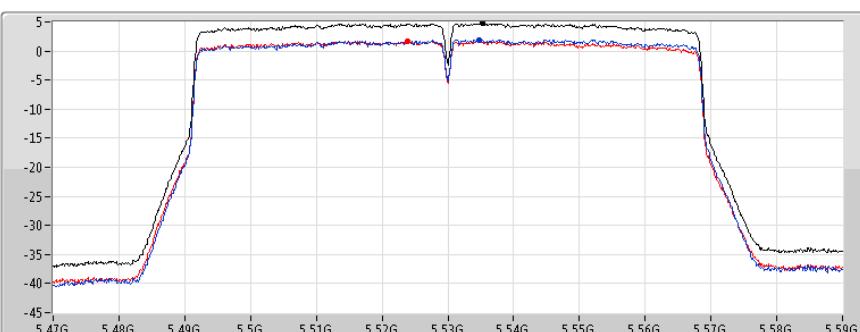
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.97	-1.97	-4.96	-4.85

802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5530MHz

Ch Freq
5.53GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

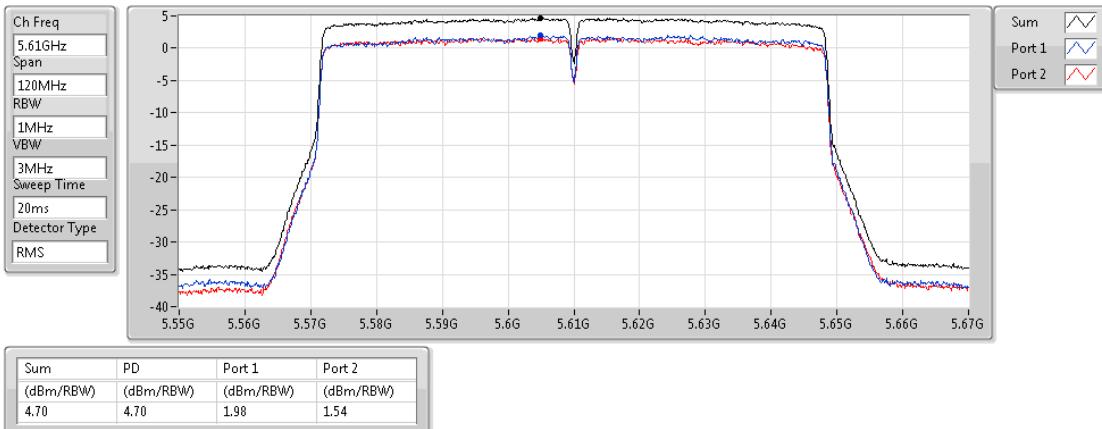
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.72	4.72	1.91	1.71



802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

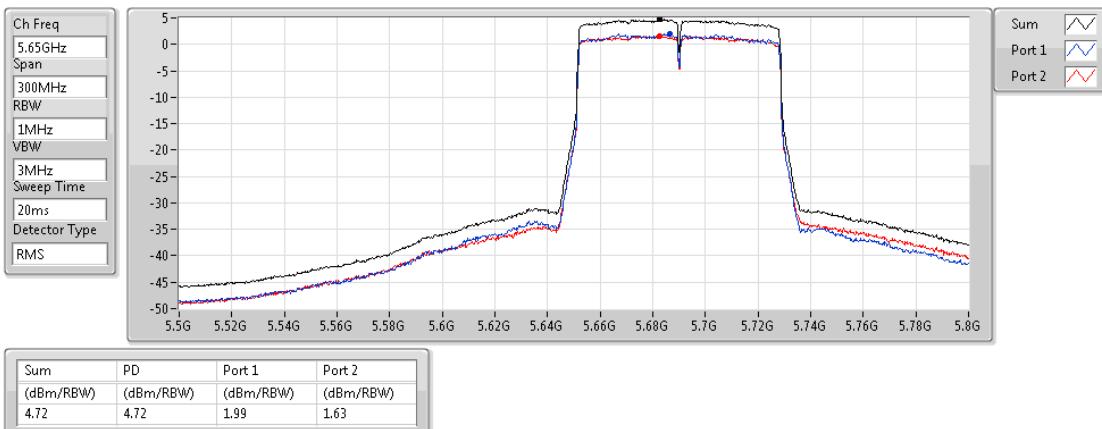
5610MHz



802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

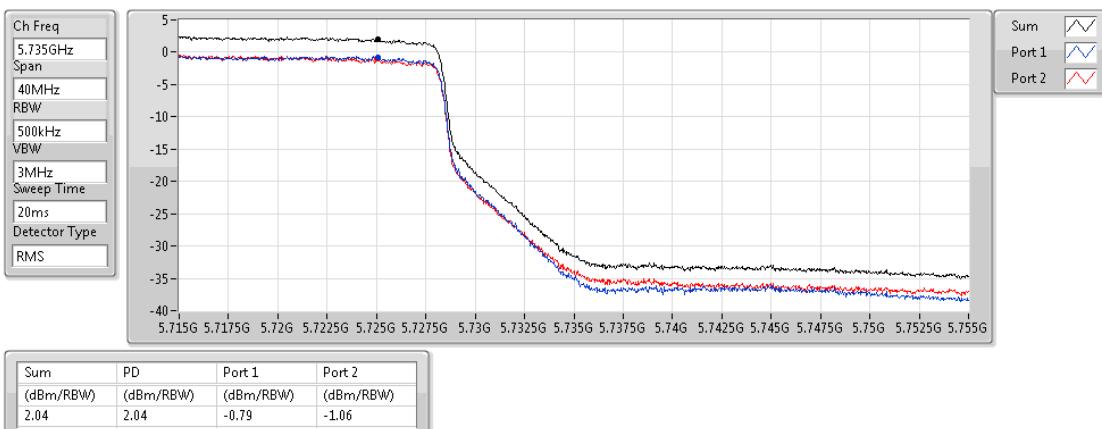
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz



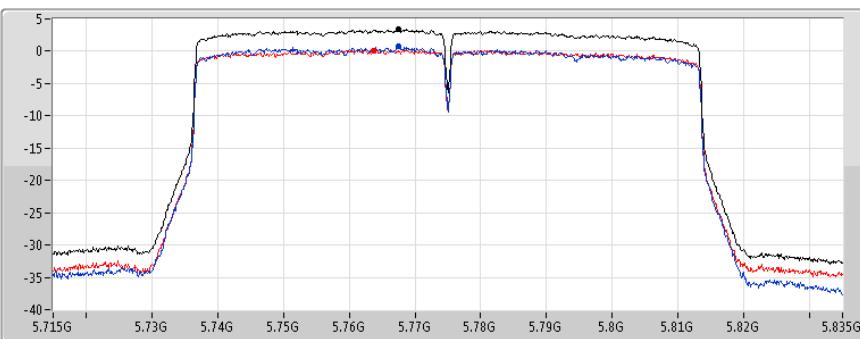


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5775MHz

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.45	3.45	0.74	0.14



<For Beamforming Mode>

Summary

Mode	PD (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-
5.15-5.25GHz	12.74
5.25-5.35GHz	8.45
5.47-5.725GHz	8.11
5.725-5.85GHz	11.12
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-
5.15-5.25GHz	10.50
5.25-5.35GHz	5.78
5.47-5.725GHz	5.79
5.725-5.85GHz	8.89
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-
5.15-5.25GHz	3.02
5.25-5.35GHz	-1.22
5.47-5.725GHz	2.15
5.725-5.85GHz	4.73

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.46	8.96	8.04	11.30	14.54
5200MHz	Pass	8.46	8.91	8.54	11.47	14.54
5240MHz	Pass	8.46	10.21	9.42	12.74	14.54
5260MHz	Pass	8.46	5.16	4.92	7.86	8.54
5300MHz	Pass	8.46	5.27	5.00	8.01	8.54
5320MHz	Pass	8.46	5.92	5.12	8.45	8.54
5500MHz	Pass	8.46	5.34	4.33	7.70	8.54
5580MHz	Pass	8.46	5.32	4.95	7.95	8.54
5700MHz	Pass	8.46	5.36	5.05	8.08	8.54
5720MHz Straddle 5.47-5.725GHz	Pass	8.46	5.17	5.10	8.11	8.54
5720MHz Straddle 5.725-5.85GHz	Pass	8.46	3.29	3.32	6.28	27.54
5745MHz	Pass	8.46	8.21	8.43	11.12	27.54
5785MHz	Pass	8.46	8.10	8.43	10.99	27.54
5825MHz	Pass	8.46	8.02	8.40	11.08	27.54
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	8.46	4.08	3.46	6.56	14.54
5230MHz	Pass	8.46	8.15	7.45	10.50	14.54
5270MHz	Pass	8.46	3.47	2.43	5.78	8.54
5310MHz	Pass	8.46	1.79	1.46	4.46	8.54
5510MHz	Pass	8.46	2.75	1.54	5.04	8.54
5550MHz	Pass	8.46	3.21	2.17	5.49	8.54
5670MHz	Pass	8.46	3.09	2.74	5.69	8.54
5710MHz Straddle 5.47-5.725GHz	Pass	8.46	3.15	2.73	5.79	8.54
5710MHz Straddle 5.725-5.85GHz	Pass	8.46	-0.64	-0.29	2.51	27.54
5755MHz	Pass	8.46	6.14	6.11	8.89	27.54
5795MHz	Pass	8.46	5.84	6.08	8.81	27.54
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	8.46	0.15	-0.09	3.02	14.54
5290MHz	Pass	8.46	-3.95	-4.10	-1.22	8.54
5530MHz	Pass	8.46	-1.55	-1.85	1.19	8.54
5610MHz	Pass	8.46	-1.34	-1.87	1.35	8.54
5690MHz Straddle 5.47-5.725GHz	Pass	8.46	-0.28	-0.72	2.15	8.54
5690MHz Straddle 5.725-5.85GHz	Pass	8.46	-2.43	-2.27	0.65	27.54
5775MHz	Pass	8.46	1.85	1.74	4.73	27.54

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

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

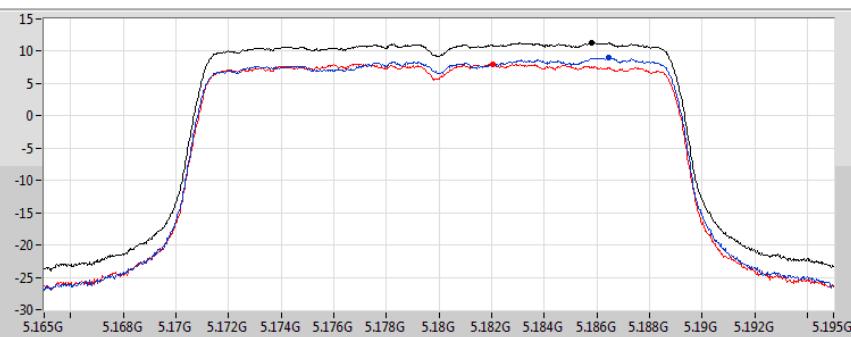


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

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



Sum
Port 1
Port 2

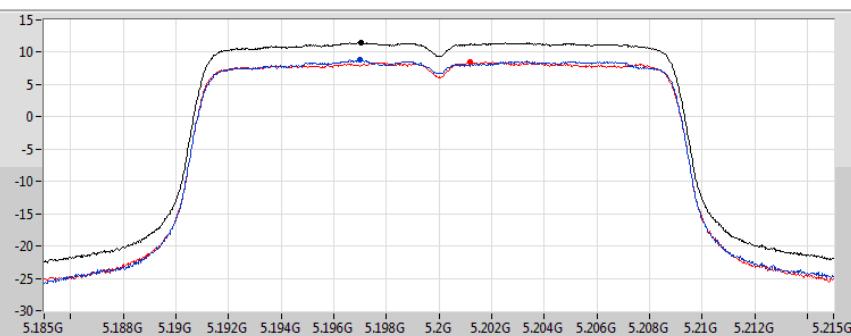
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.30	11.30	8.96	8.04

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

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



Sum
Port 1
Port 2

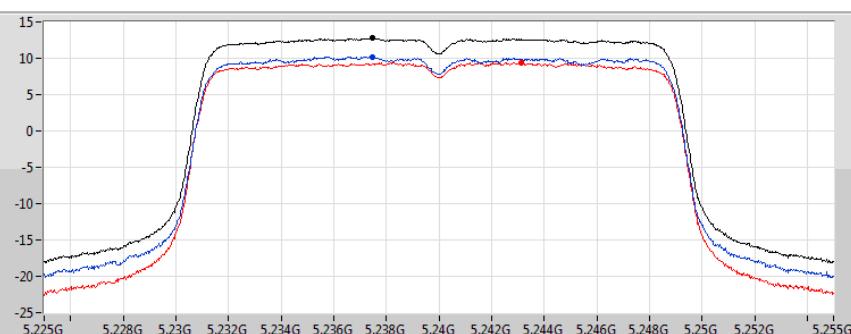
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.47	11.47	8.91	8.54

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.74	12.74	10.21	9.42

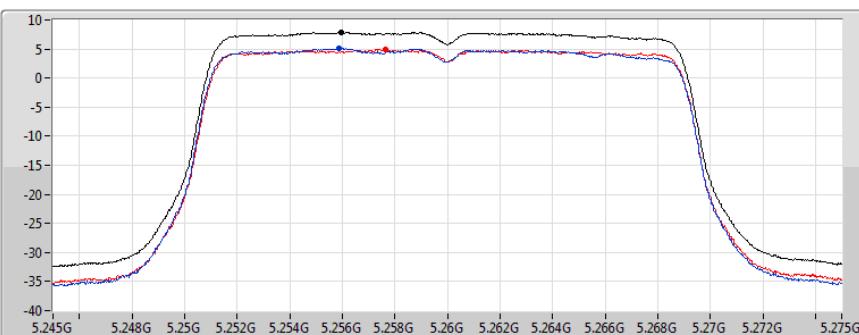


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



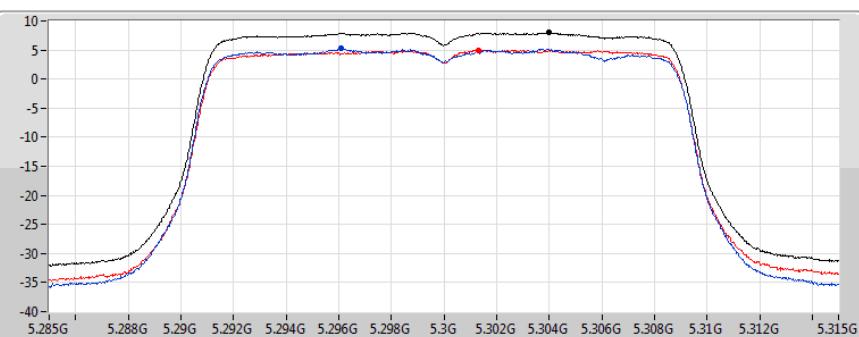
Sum
Port 1
Port 2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



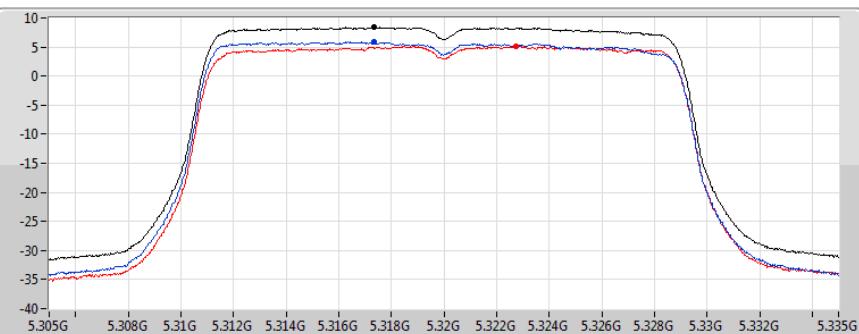
Sum
Port 1
Port 2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5320MHz

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



Sum
Port 1
Port 2

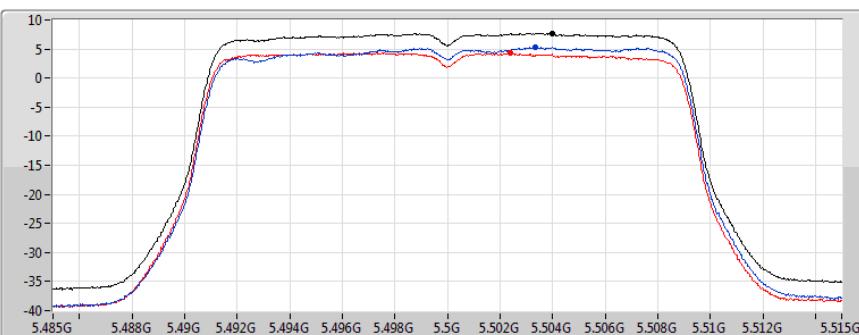


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

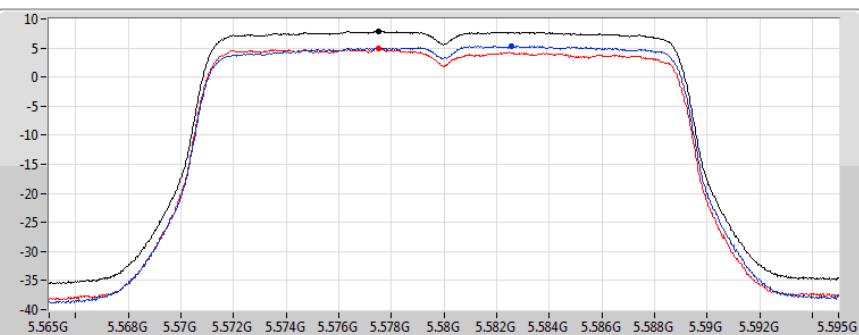
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.70	7.70	5.34	4.33

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

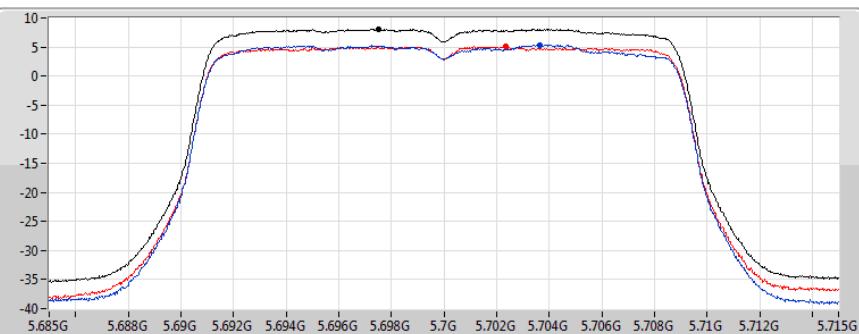
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.95	7.95	5.32	4.95

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

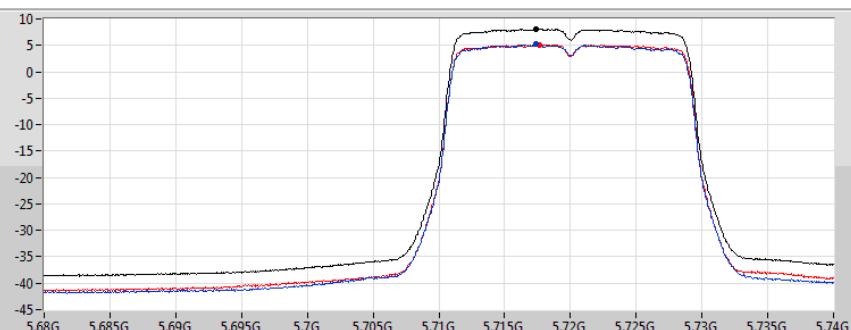


Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.08	8.08	5.36	5.05

**802.11ac VHT20-BF_Nss1,(MCS0)_2TX
5720MHz Straddle 5.47-5.725GHz****PSD**

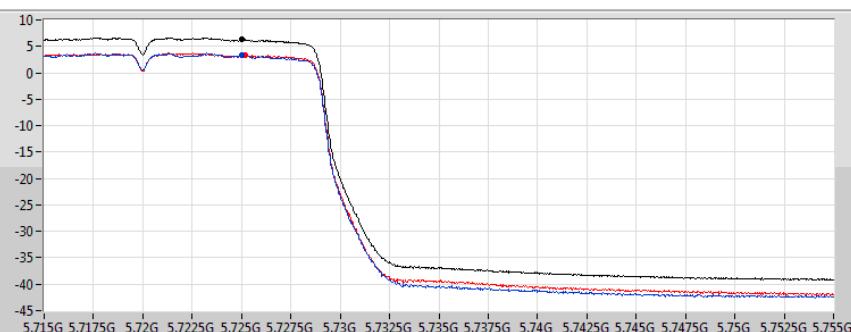
Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.11	8.11	5.17	5.10

**802.11ac VHT20-BF_Nss1,(MCS0)_2TX
5720MHz Straddle 5.725-5.85GHz****PSD**

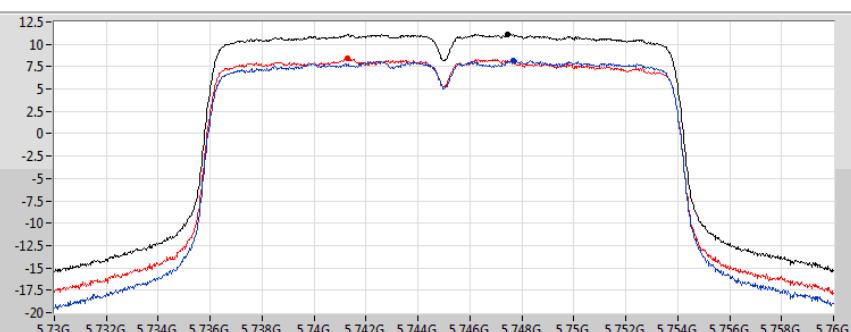
Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.28	6.28	3.29	3.32

**802.11ac VHT20-BF_Nss1,(MCS0)_2TX
5745MHz****PSD**

Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



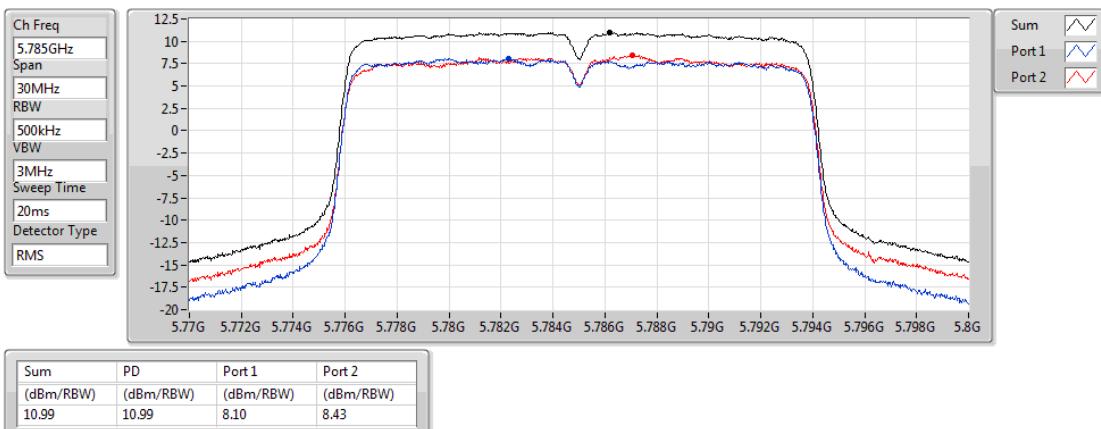
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.12	11.12	8.21	8.43



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

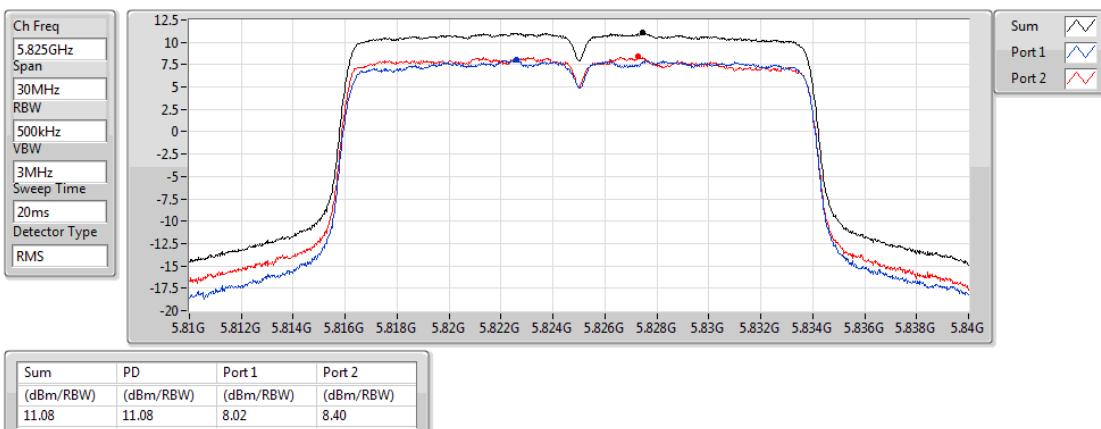
5785MHz



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

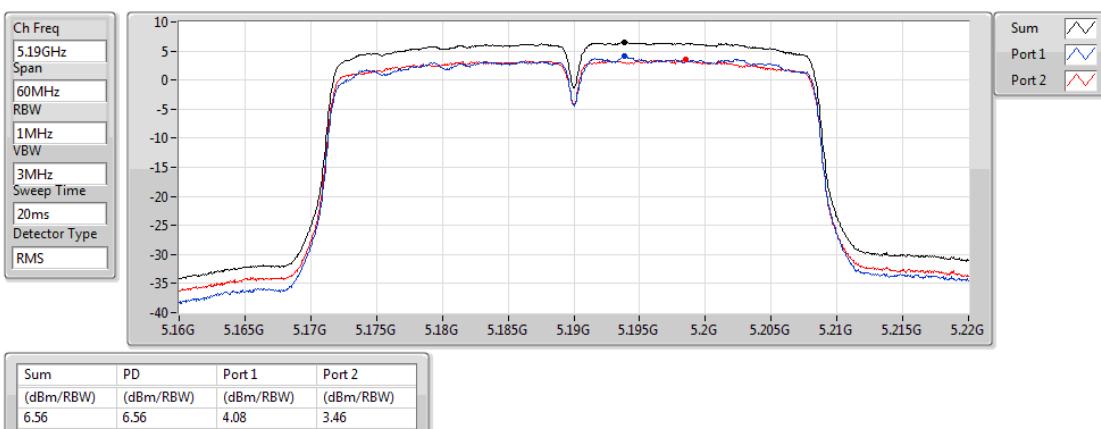
5825MHz



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz



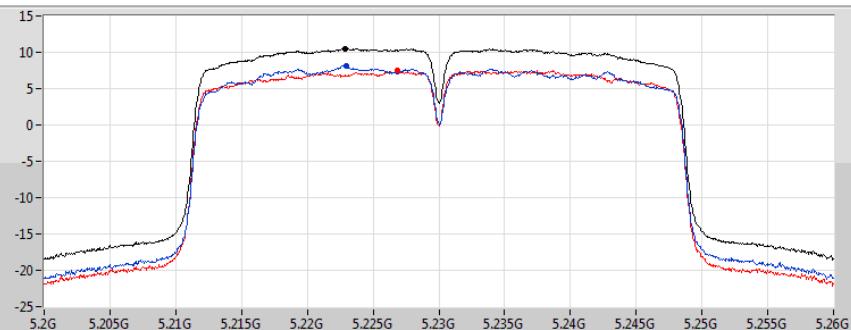


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

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



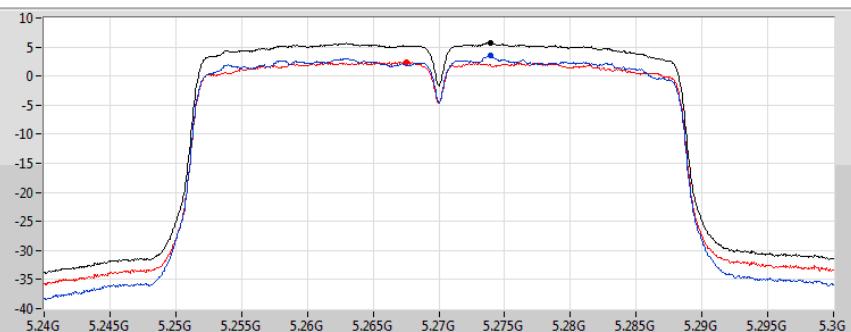
Sum
Port 1
Port 2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5270MHz

Ch Freq
5.27GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



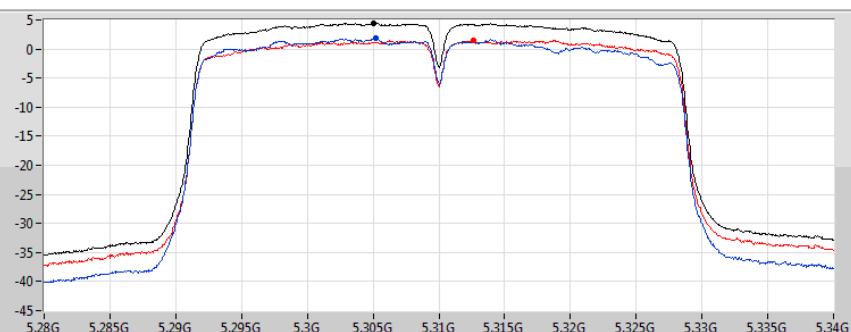
Sum
Port 1
Port 2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5310MHz

Ch Freq
5.31GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.50	10.50	8.15	7.45

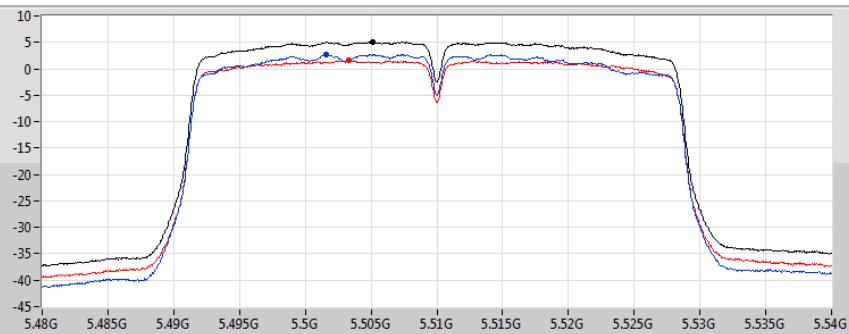


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5510MHz

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



Sum
Port 1
Port 2

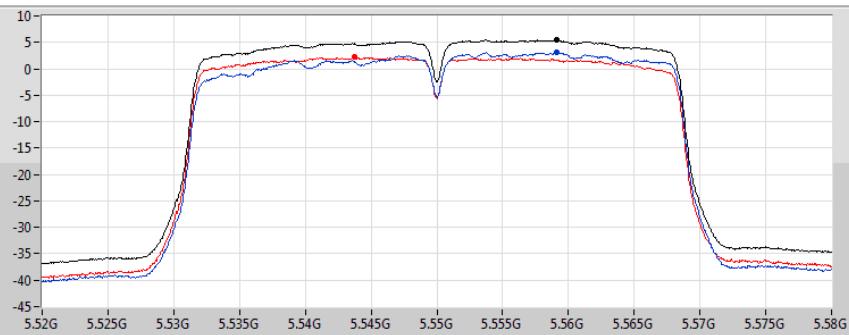
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.04	5.04	2.75	1.54

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5550MHz

Ch Freq
5.55GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

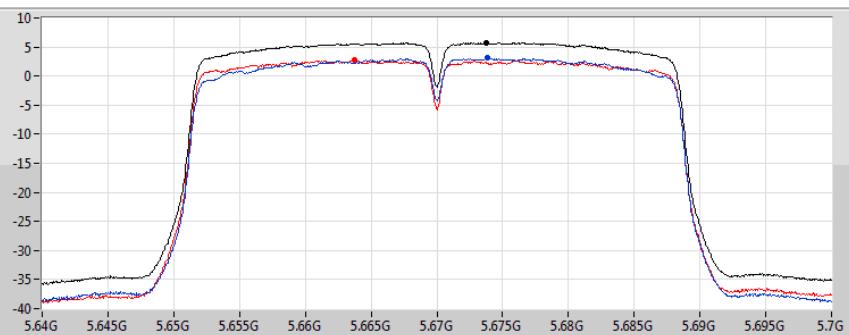
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.49	5.49	3.21	2.17

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5670MHz

Ch Freq
5.67GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

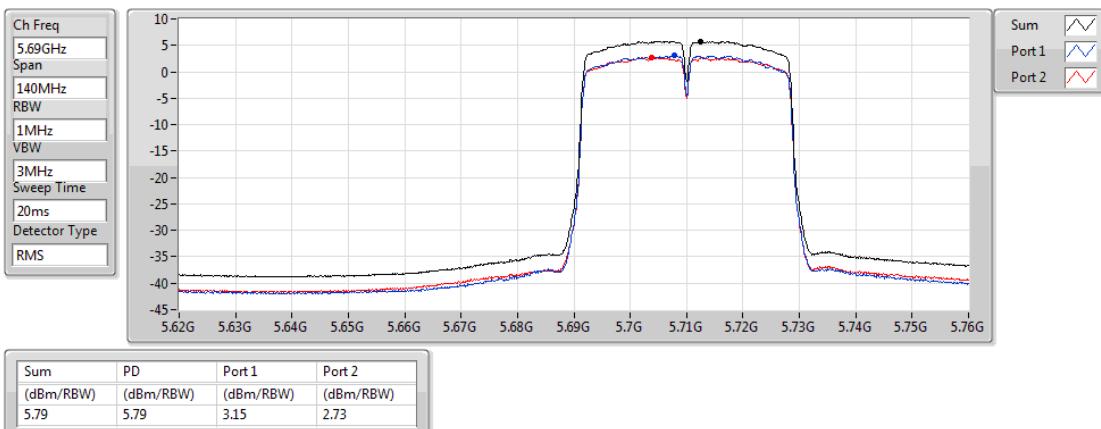
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.69	5.69	3.09	2.74



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

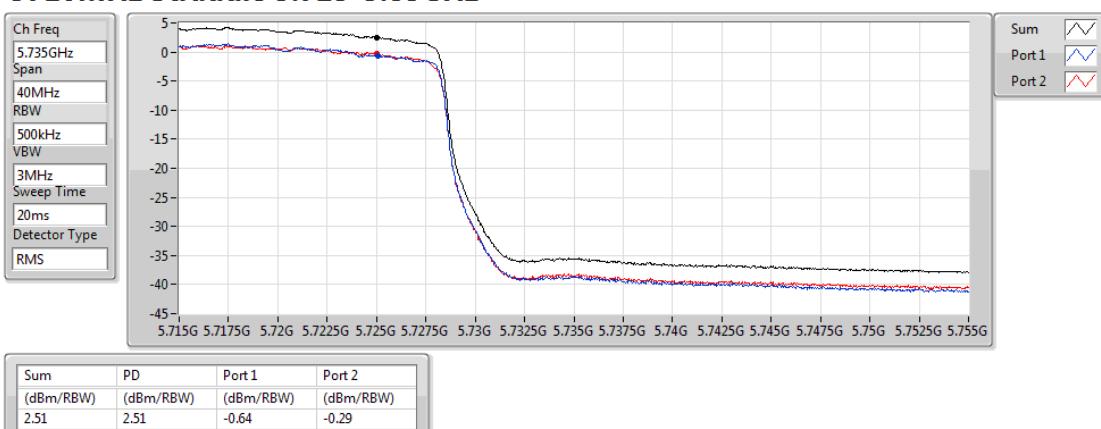
5710MHz Straddle 5.47-5.725GHz



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

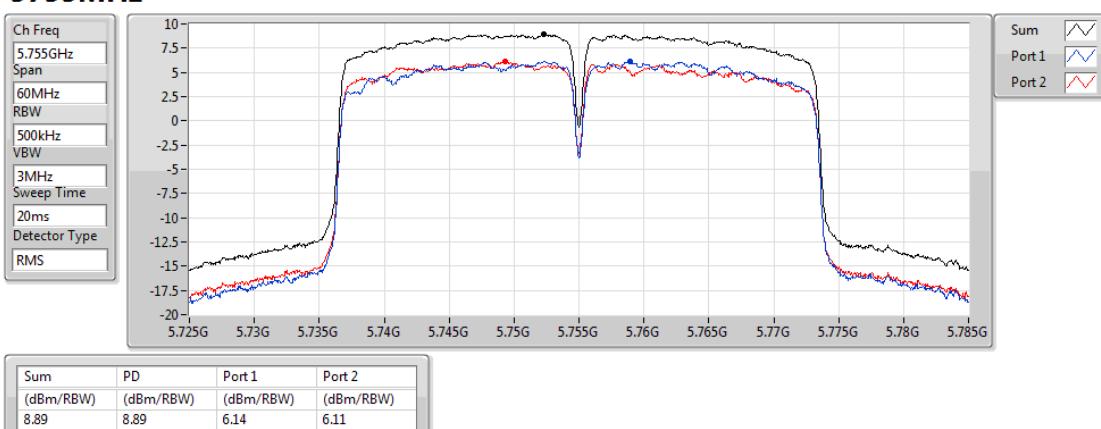
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz



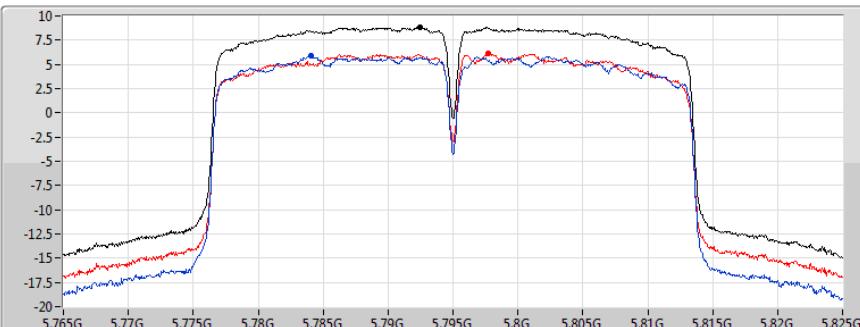


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

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



Sum
Port 1
Port 2

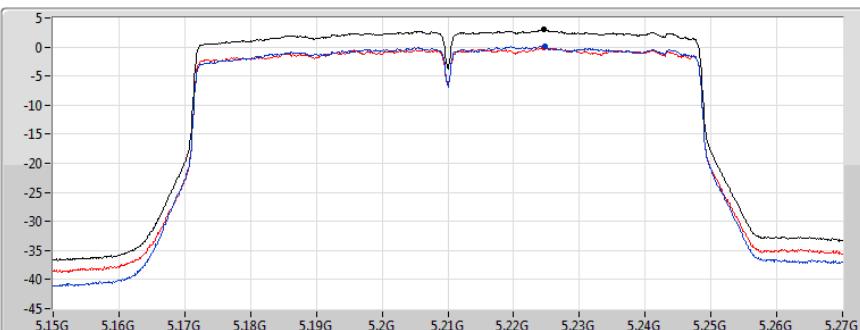
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.81	8.81	5.84	6.08

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

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



Sum
Port 1
Port 2

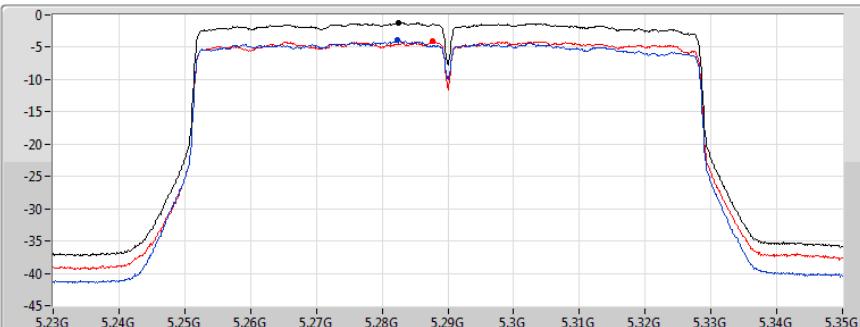
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.02	3.02	0.15	-0.09

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5290MHz

Ch Freq
5.29GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

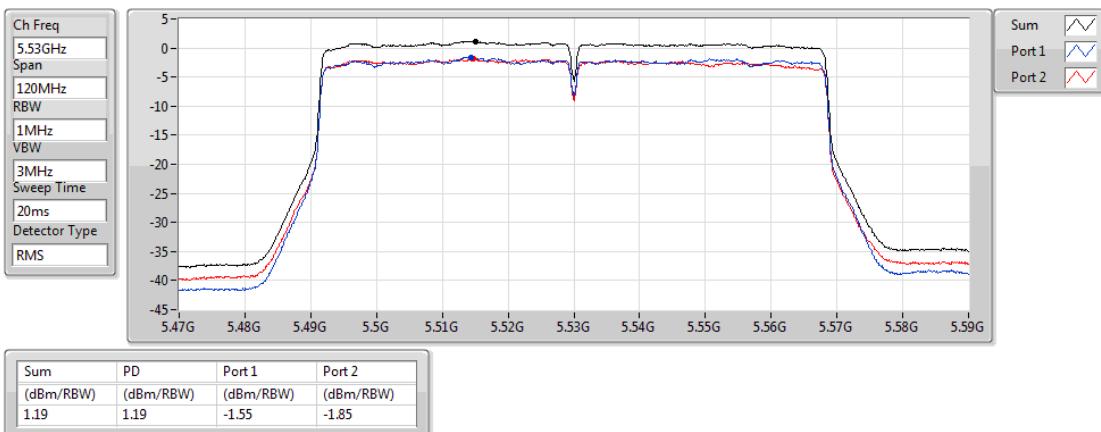
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.22	-1.22	-3.95	-4.10



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

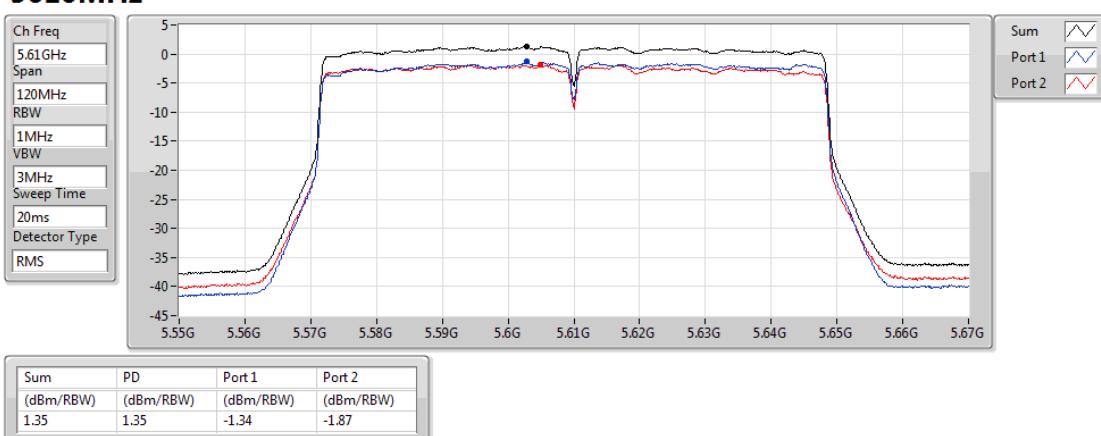
5530MHz



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

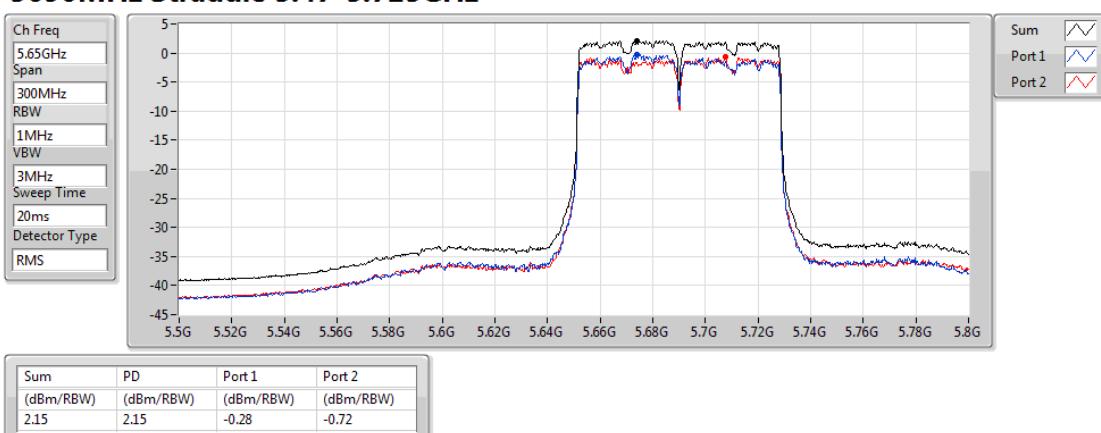
5610MHz



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

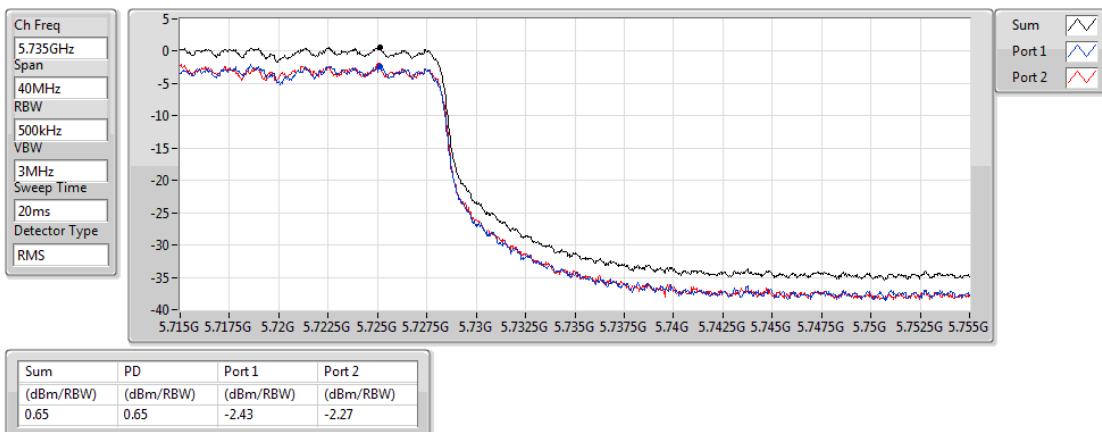




802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

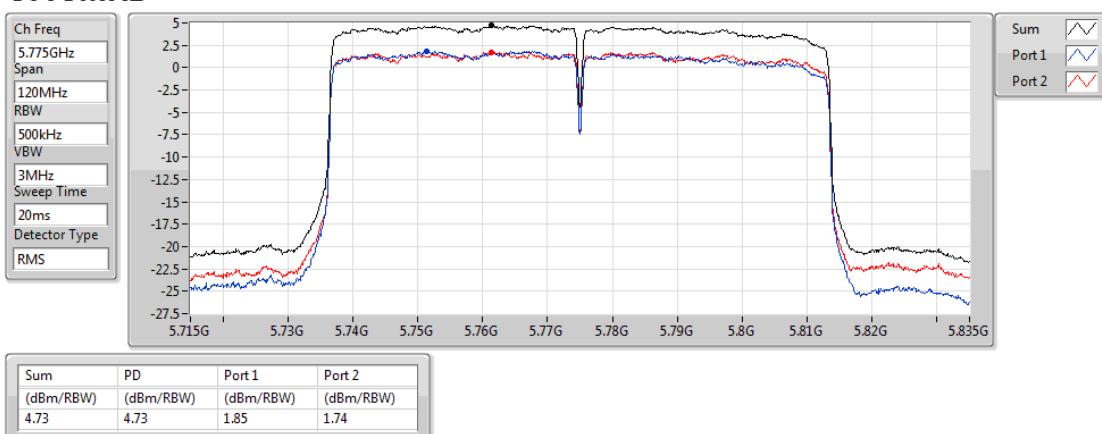
5690MHz Straddle 5.725-5.85GHz



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz





For Set 2 antennas / 3TX:
<For Non-Beamforming Mode>
Summary

Mode	PD (dBm/RBW)
802.11a_(6Mbps)_3TX	-
5.15-5.25GHz	12.60
5.25-5.35GHz	6.67
5.47-5.725GHz	6.67
5.725-5.85GHz	11.36
802.11ac VHT20_Nss1,(MCS0)_3TX	-
5.15-5.25GHz	12.35
5.25-5.35GHz	6.49
5.47-5.725GHz	6.59
5.725-5.85GHz	11.29
802.11ac VHT40_Nss1,(MCS0)_3TX	-
5.15-5.25GHz	9.97
5.25-5.35GHz	6.29
5.47-5.725GHz	6.67
5.725-5.85GHz	8.72
802.11ac VHT80_Nss1,(MCS0)_3TX	-
5.15-5.25GHz	3.05
5.25-5.35GHz	-0.37
5.47-5.725GHz	5.03
5.725-5.85GHz	5.82

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_(6Mbps)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	10.31	7.97	8.01	7.81	12.59	12.69
5200MHz	Pass	10.31	8.13	7.92	7.73	12.60	12.69
5240MHz	Pass	10.31	8.09	7.91	7.47	12.52	12.69
5260MHz	Pass	10.31	2.20	1.86	2.16	6.67	6.69
5300MHz	Pass	10.31	2.18	1.72	1.79	6.59	6.69
5320MHz	Pass	10.31	1.90	1.72	1.14	6.24	6.69
5500MHz	Pass	10.31	1.98	2.35	1.87	6.67	6.69
5580MHz	Pass	10.31	2.01	1.94	1.82	6.66	6.69
5700MHz	Pass	10.31	1.61	2.25	1.80	6.50	6.69
5720MHz Straddle 5.47-5.725GHz	Pass	10.31	1.71	2.38	1.77	6.52	6.69
5720MHz Straddle 5.725-5.85GHz	Pass	10.31	-0.20	0.42	-0.16	4.71	25.69
5745MHz	Pass	10.31	6.74	7.10	6.69	11.36	25.69
5785MHz	Pass	10.31	6.67	6.80	6.67	11.33	25.69
5825MHz	Pass	10.31	6.70	6.80	6.50	11.35	25.69
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	10.31	7.59	7.58	7.59	12.31	12.69
5200MHz	Pass	10.31	7.75	7.55	7.62	12.35	12.69
5240MHz	Pass	10.31	7.80	7.62	7.35	12.25	12.69
5260MHz	Pass	10.31	1.75	1.55	1.90	6.36	6.69
5300MHz	Pass	10.31	1.86	1.52	1.65	6.28	6.69
5320MHz	Pass	10.31	2.07	2.04	1.64	6.49	6.69
5500MHz	Pass	10.31	1.96	2.15	1.80	6.59	6.69
5580MHz	Pass	10.31	2.03	1.89	1.76	6.48	6.69
5700MHz	Pass	10.31	1.51	2.11	1.49	6.35	6.69
5720MHz Straddle 5.47-5.725GHz	Pass	10.31	1.53	2.04	1.56	6.32	6.69
5720MHz Straddle 5.725-5.85GHz	Pass	10.31	-0.29	-0.14	-0.16	4.53	25.69
5745MHz	Pass	10.31	6.63	6.87	6.47	11.29	25.69
5785MHz	Pass	10.31	6.41	6.73	6.71	11.22	25.69
5825MHz	Pass	10.31	6.56	6.71	6.39	11.19	25.69
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5190MHz	Pass	10.31	3.63	3.94	3.55	8.43	12.69
5230MHz	Pass	10.31	5.51	5.40	4.92	9.97	12.69
5270MHz	Pass	10.31	1.71	1.67	1.81	6.29	6.69
5310MHz	Pass	10.31	1.26	1.01	1.12	5.68	6.69
5510MHz	Pass	10.31	1.92	2.18	1.60	6.53	6.69
5550MHz	Pass	10.31	1.99	2.14	1.93	6.67	6.69
5670MHz	Pass	10.31	1.65	2.30	1.86	6.61	6.69
5710MHz Straddle 5.47-5.725GHz	Pass	10.31	1.36	2.13	1.59	6.34	6.69
5710MHz Straddle 5.725-5.85GHz	Pass	10.31	-2.05	-1.09	-1.76	3.10	25.69
5755MHz	Pass	10.31	4.00	4.50	3.69	8.72	25.69
5795MHz	Pass	10.31	4.19	4.33	3.88	8.64	25.69
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-

**FCC Test Report****Report No. : FR760613AC**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5210MHz	Pass	10.31	-1.65	-1.35	-1.84	3.05	12.69
5290MHz	Pass	10.31	-5.18	-4.94	-4.74	-0.37	6.69
5530MHz	Pass	10.31	0.78	0.29	0.36	5.02	6.69
5610MHz	Pass	10.31	0.36	0.52	-0.03	4.94	6.69
5690MHz Straddle 5.47-5.725GHz	Pass	10.31	-0.11	0.88	-0.01	5.03	6.69
5690MHz Straddle 5.725-5.85GHz	Pass	10.31	-3.67	-2.37	-2.92	1.76	25.69
5775MHz	Pass	10.31	1.07	1.33	0.95	5.82	25.69

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

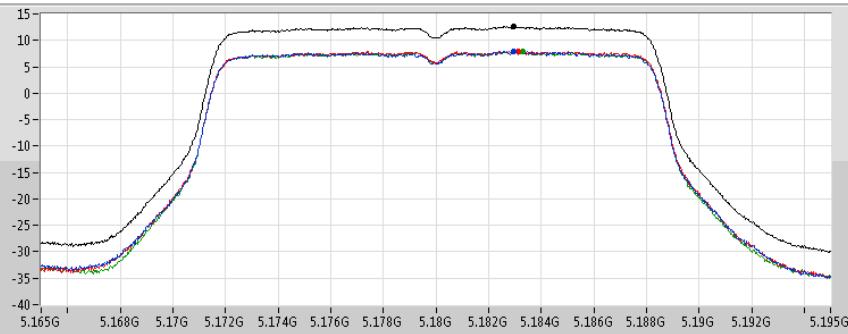


802.11a_(6Mbps)_3TX

PSD

5180MHz

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



Sum
Port 1
Port 2
Port 3

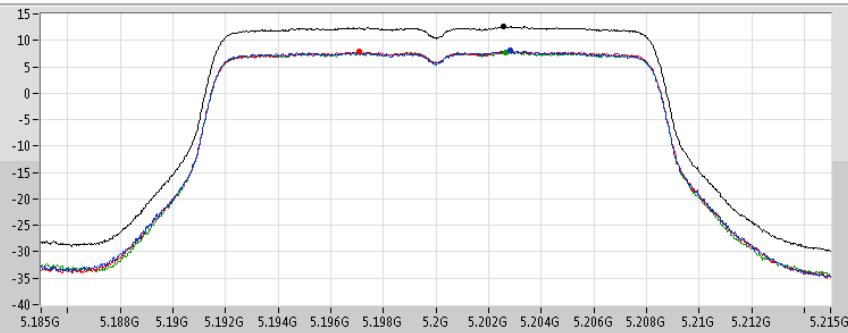
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.59	12.59	7.97	8.01	7.81

802.11a_(6Mbps)_3TX

PSD

5200MHz

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



Sum
Port 1
Port 2
Port 3

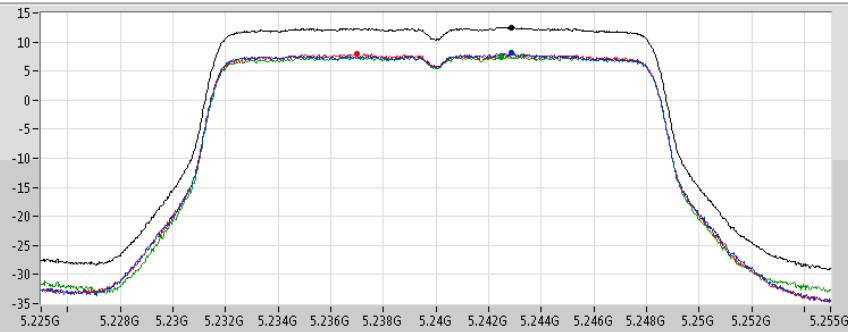
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.60	12.60	8.13	7.92	7.73

802.11a_(6Mbps)_3TX

PSD

5240MHz

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



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.52	12.52	8.09	7.91	7.47

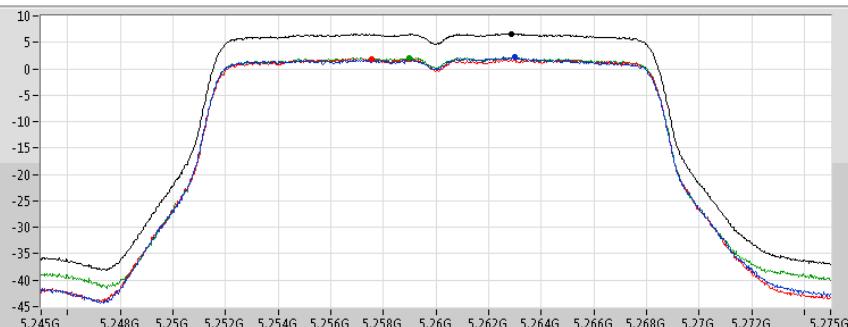


802.11a_(6Mbps)_3TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

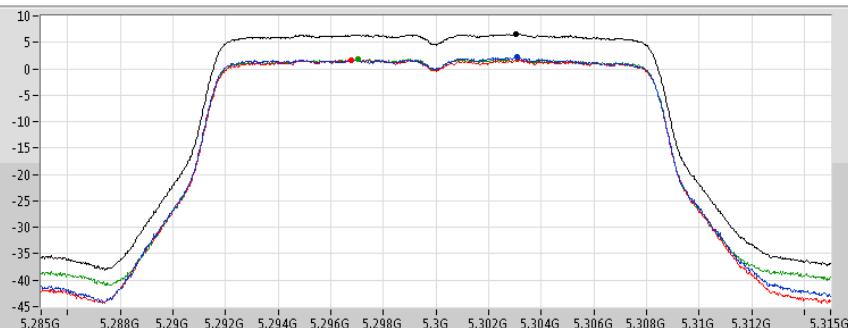
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.67	6.67	2.20	1.86	2.16

802.11a_(6Mbps)_3TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

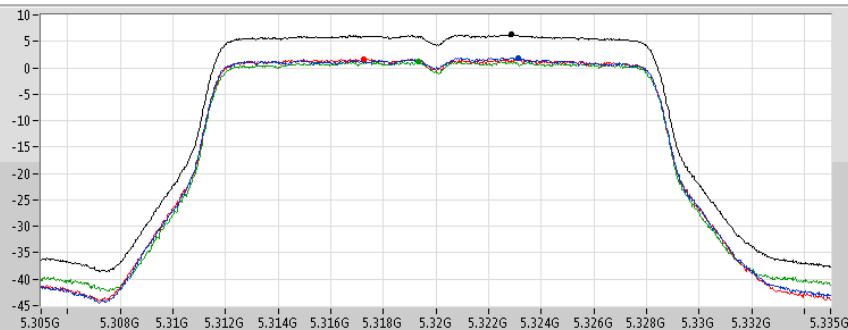
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.59	6.59	2.18	1.72	1.79

802.11a_(6Mbps)_3TX

PSD

5320MHz

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



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.24	6.24	1.90	1.72	1.14

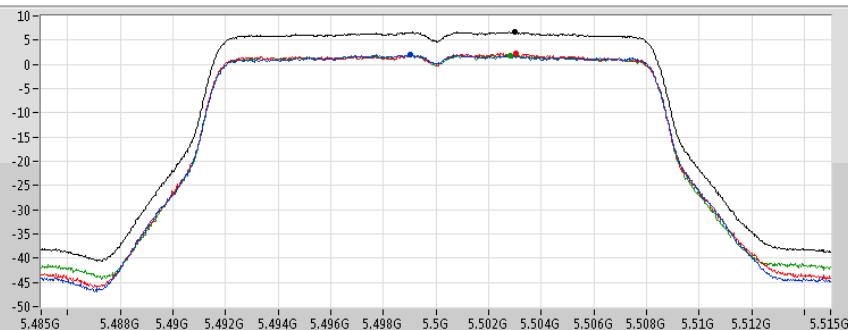


802.11a_(6Mbps)_3TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

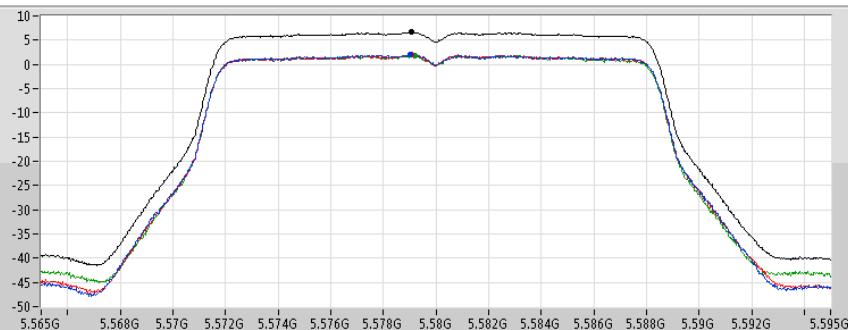
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.67	6.67	1.98	2.35	1.87

802.11a_(6Mbps)_3TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

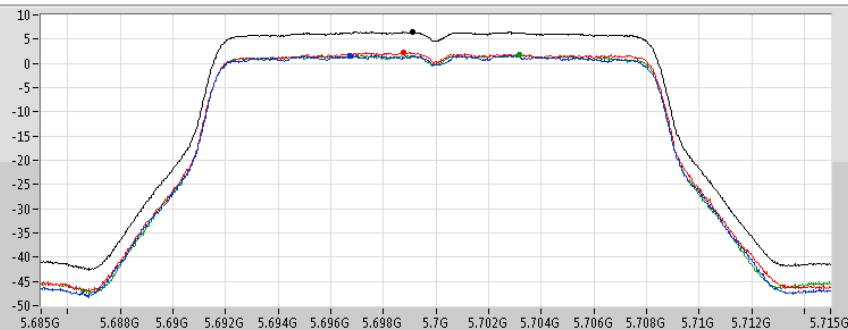
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.66	6.66	2.01	1.94	1.82

802.11a_(6Mbps)_3TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

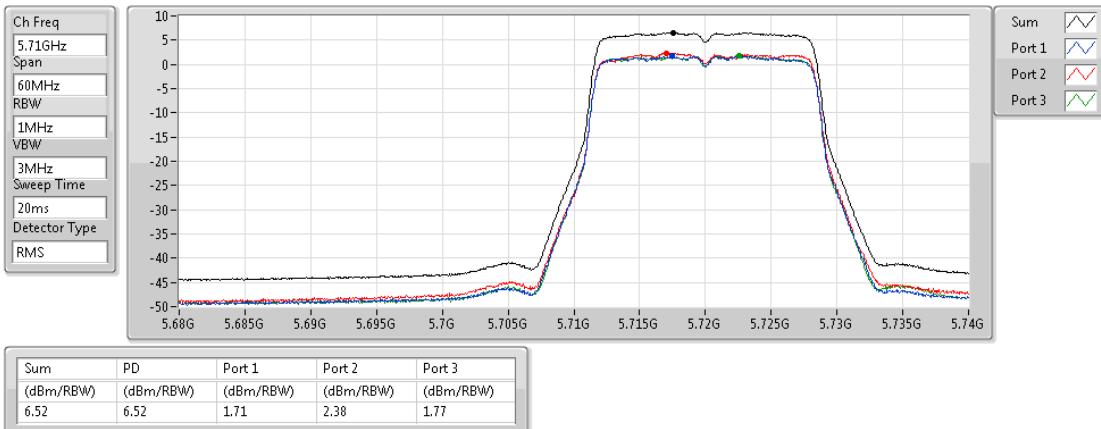
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.50	6.50	1.61	2.25	1.80



802.11a_(6Mbps)_3TX

PSD

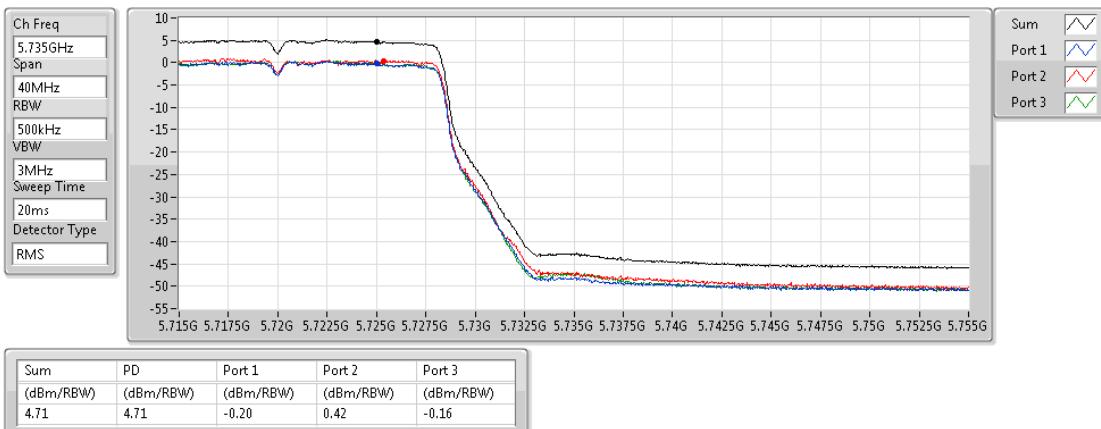
5720MHz Straddle 5.47-5.725GHz



802.11a_(6Mbps)_3TX

PSD

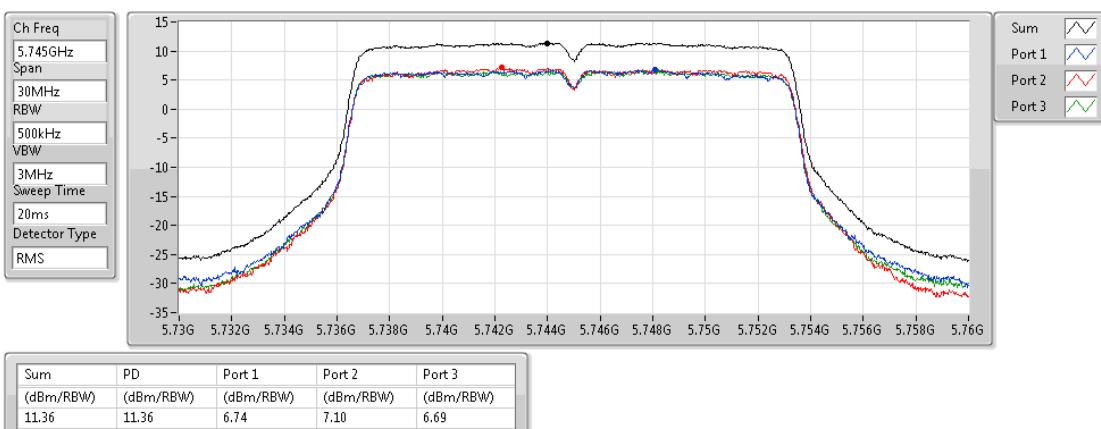
5720MHz Straddle 5.725-5.85GHz



802.11a_(6Mbps)_3TX

PSD

5745MHz



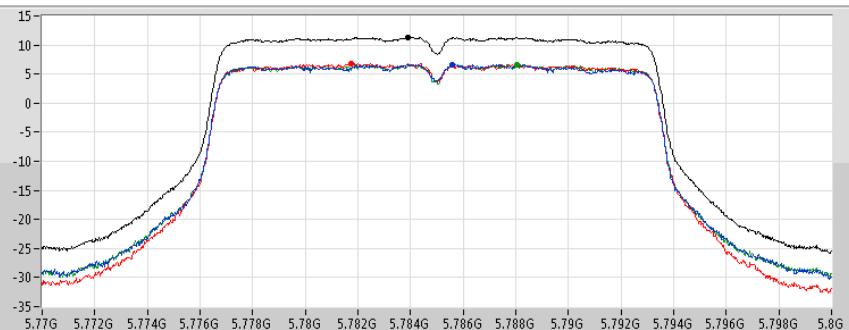


802.11a_(6Mbps)_3TX

PSD

5785MHz

Ch Freq
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

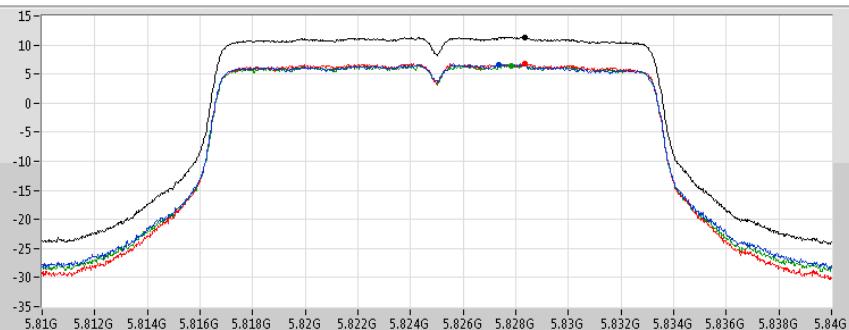
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.33	11.33	6.67	6.80	6.67

802.11a_(6Mbps)_3TX

PSD

5825MHz

Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

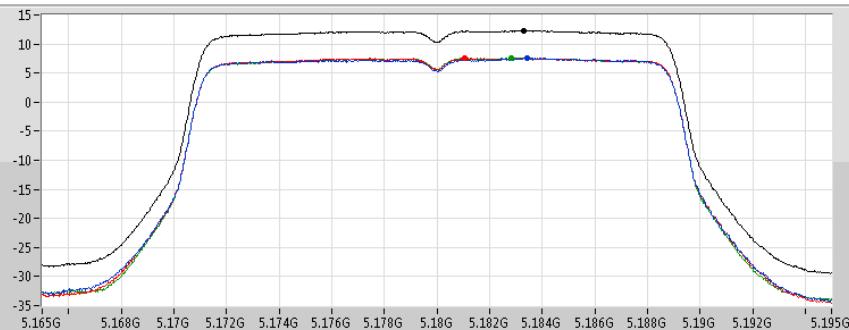
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.35	11.35	6.70	6.80	6.50

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5180MHz

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



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.31	12.31	7.59	7.58	7.59

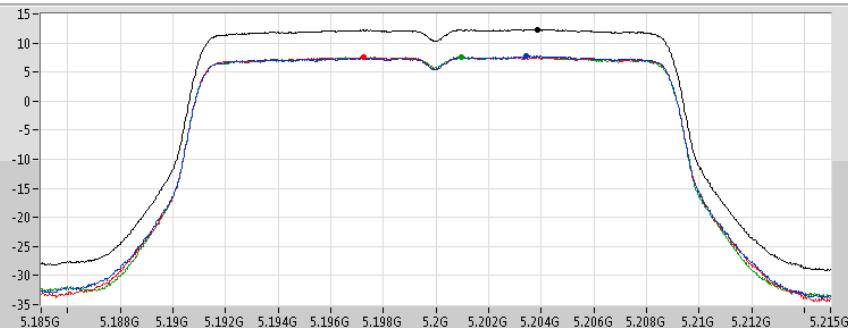


802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5200MHz

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



Sum
Port 1
Port 2
Port 3

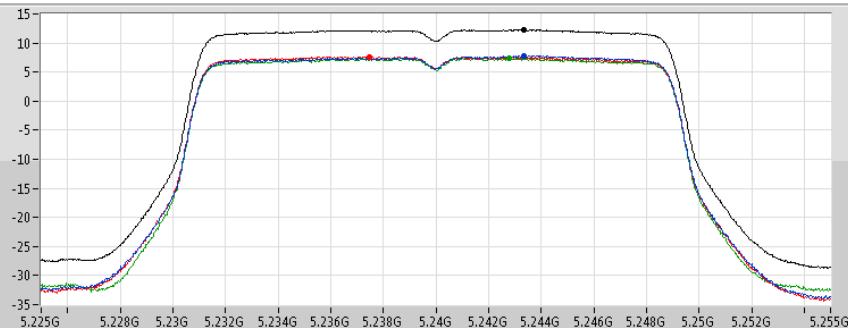
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.35	12.35	7.75	7.55	7.62

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5240MHz

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



Sum
Port 1
Port 2
Port 3

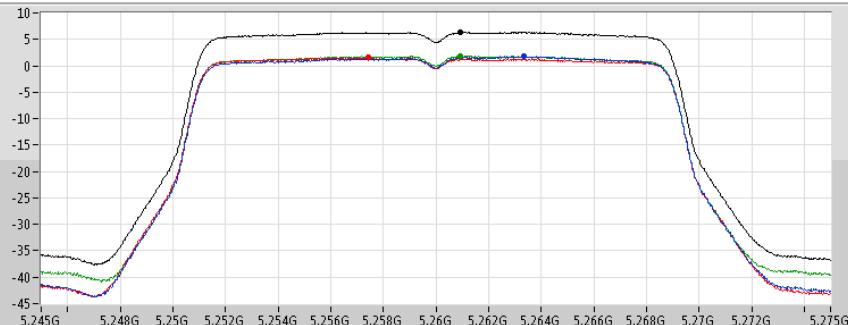
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.25	12.25	7.80	7.62	7.35

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.36	6.36	1.75	1.55	1.90

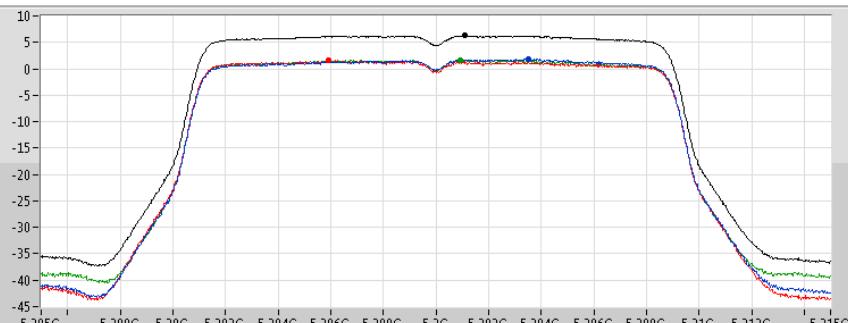


802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



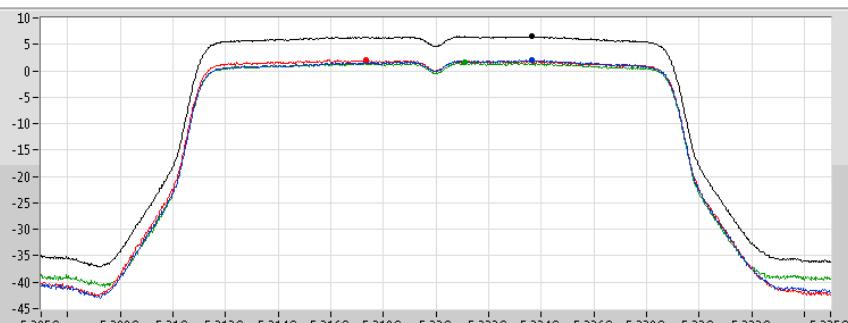
Sum
Port 1
Port 2
Port 3

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5320MHz

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



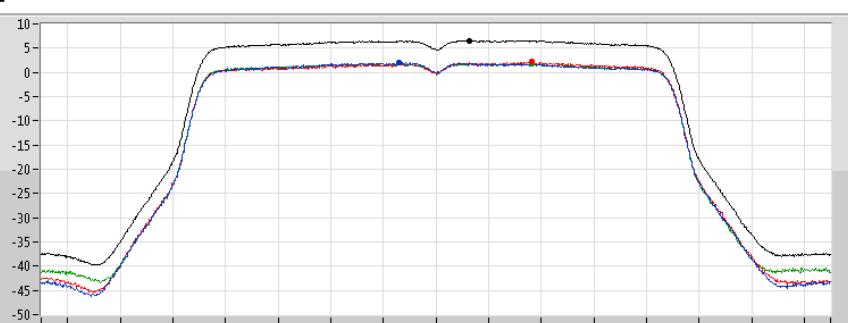
Sum
Port 1
Port 2
Port 3

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.28	6.28	1.86	1.52	1.65
6.49	6.49	2.07	2.04	1.64
6.59	6.59	1.96	2.15	1.80

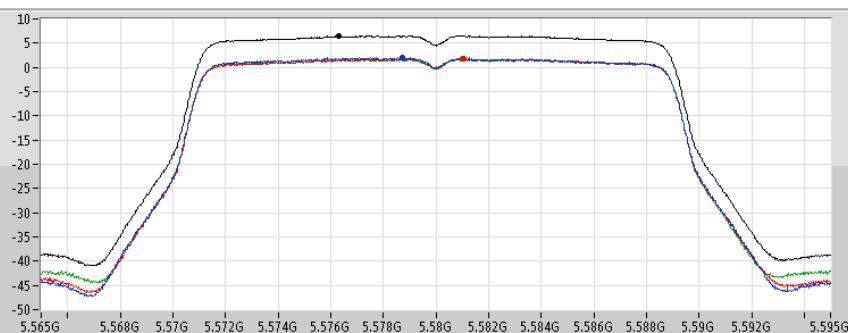


802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

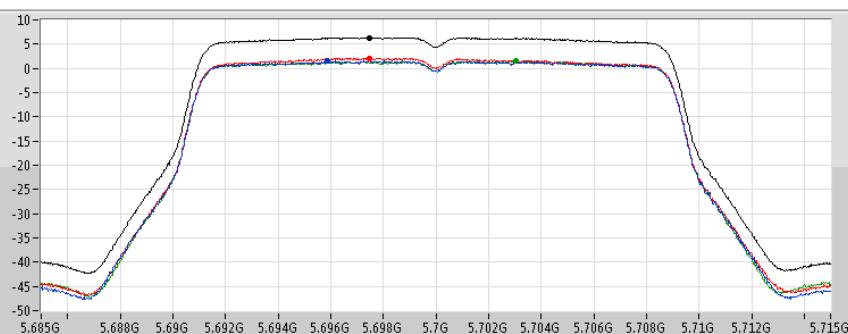
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.48	6.48	2.03	1.89	1.76

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

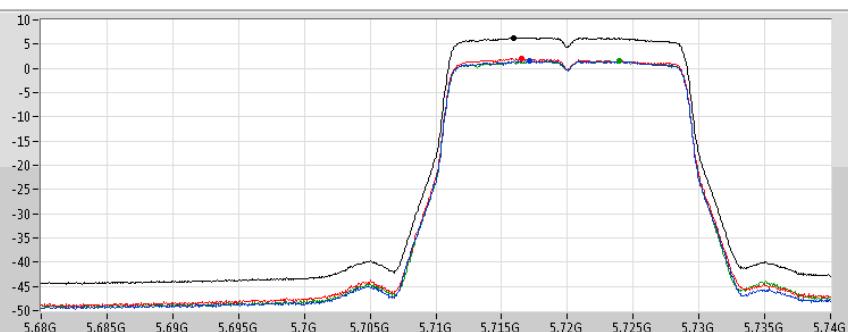
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.35	6.35	1.51	2.11	1.49

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5720MHz Straddle 5.47-5.725GHz

Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

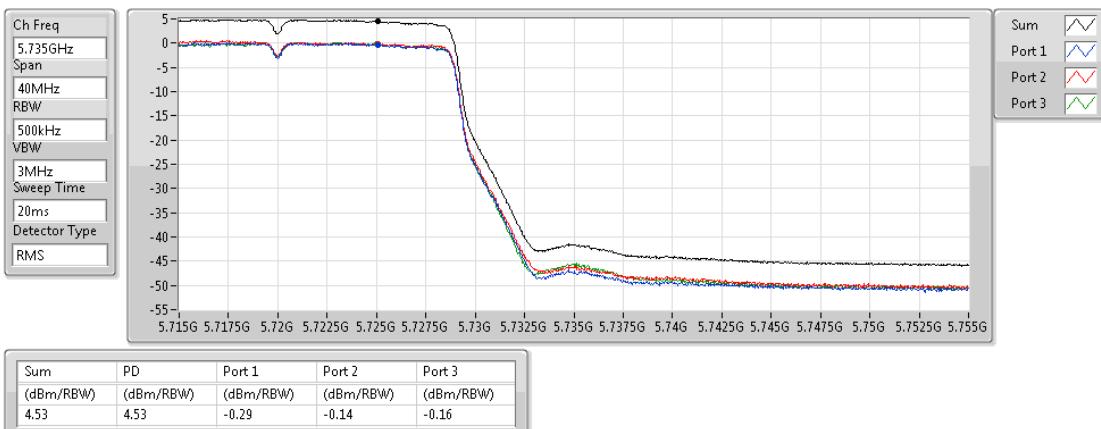
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.32	6.32	1.53	2.04	1.56



802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

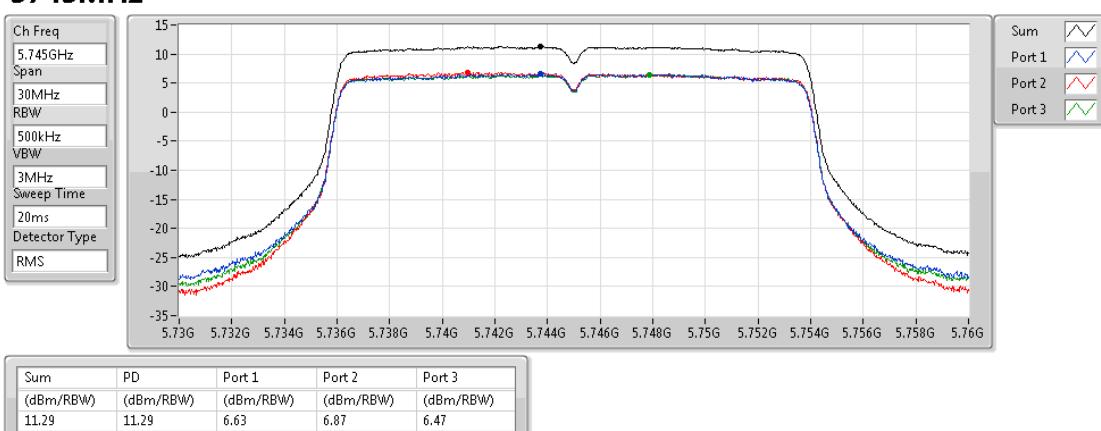
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

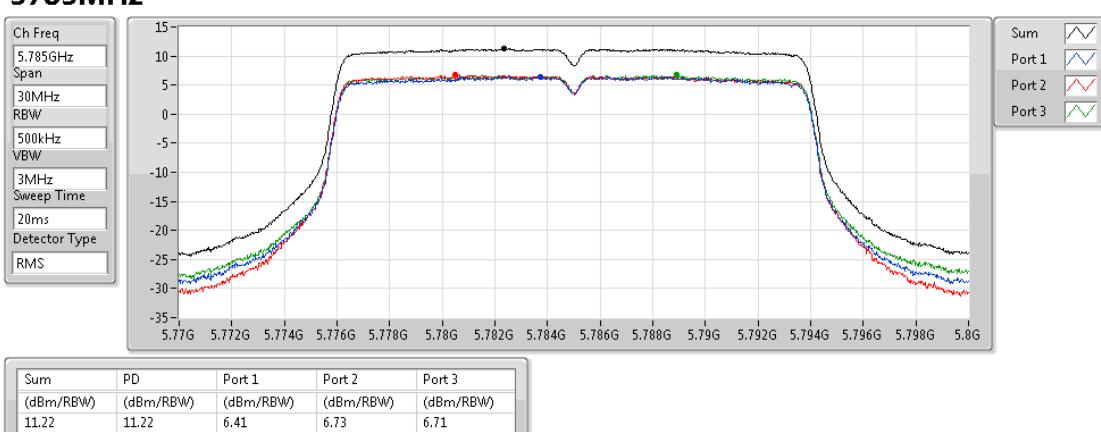
5745MHz



802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5785MHz



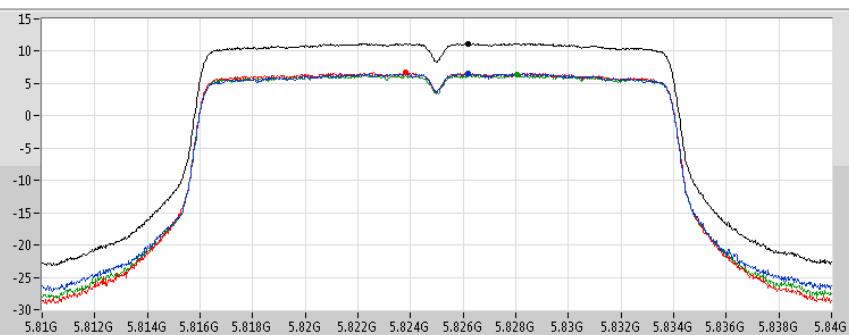


802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5825MHz

Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

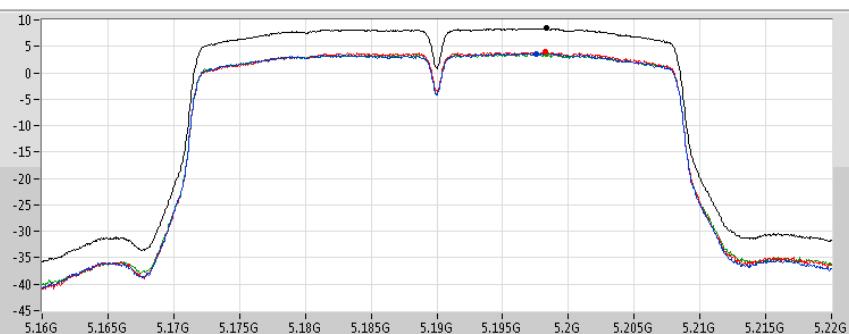
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.19	11.19	6.56	6.71	6.39

802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5190MHz

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



Sum
Port 1
Port 2
Port 3

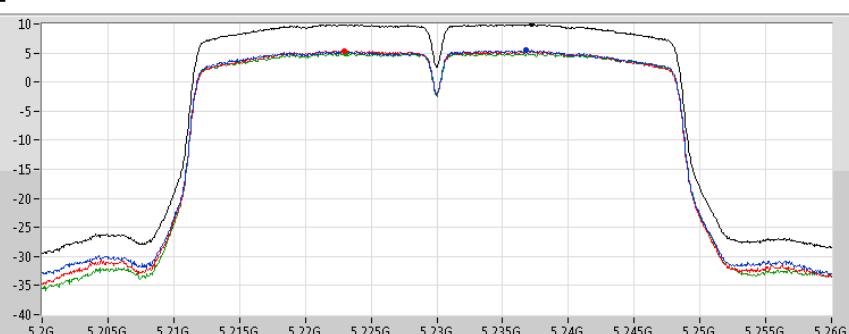
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.43	8.43	3.63	3.94	3.55

802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5230MHz

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



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.97	9.97	5.51	5.40	4.92

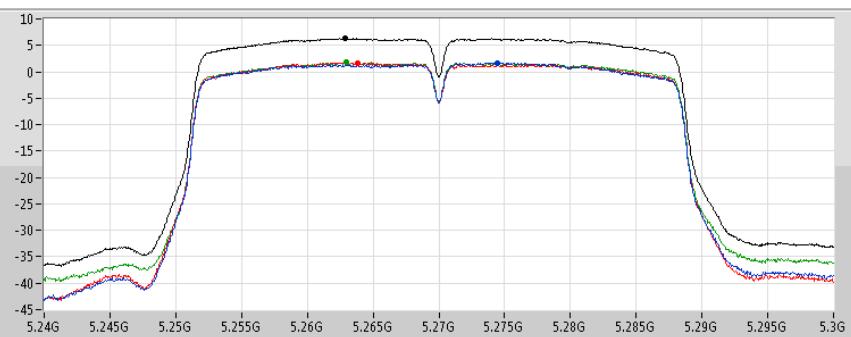


802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5270MHz

Ch Freq
5.27GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

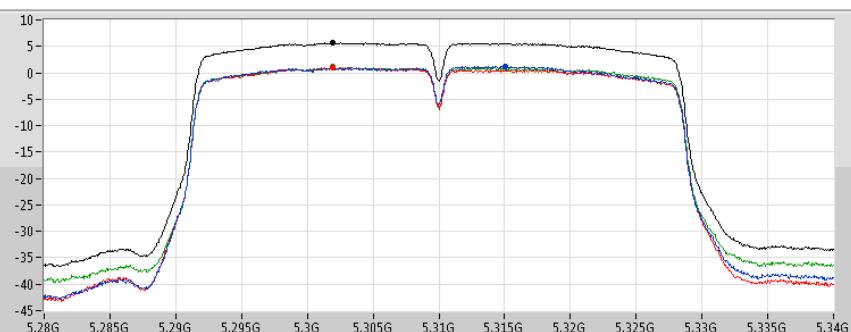
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.29	6.29	1.71	1.67	1.81

802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5310MHz

Ch Freq
5.31GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

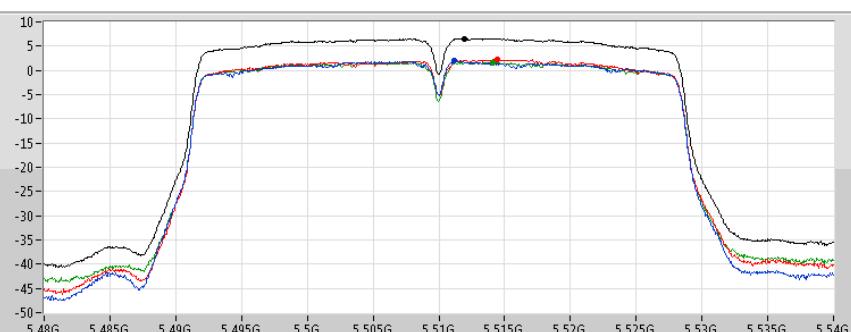
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.68	5.68	1.26	1.01	1.12

802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5510MHz

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



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.53	6.53	1.92	2.18	1.60

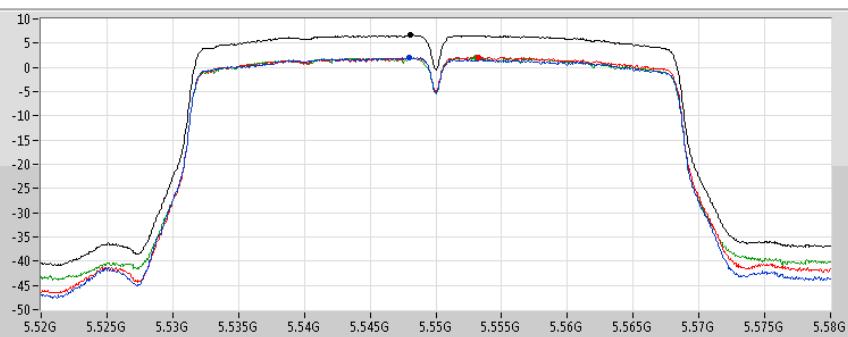


802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5550MHz

Ch Freq
5.55GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

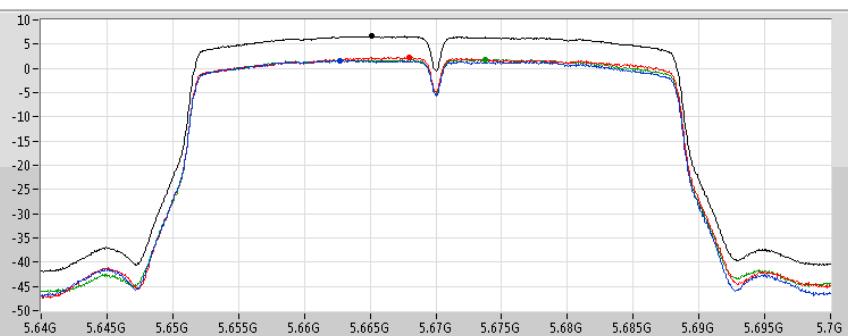
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.67	6.67	1.99	2.14	1.93

802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5670MHz

Ch Freq
5.67GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

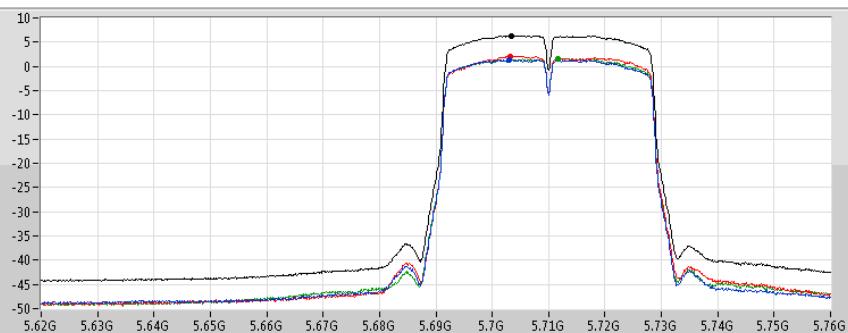
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.61	6.61	1.65	2.30	1.86

802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5710MHz Straddle 5.47-5.725GHz

Ch Freq
5.69GHz
Span
140MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

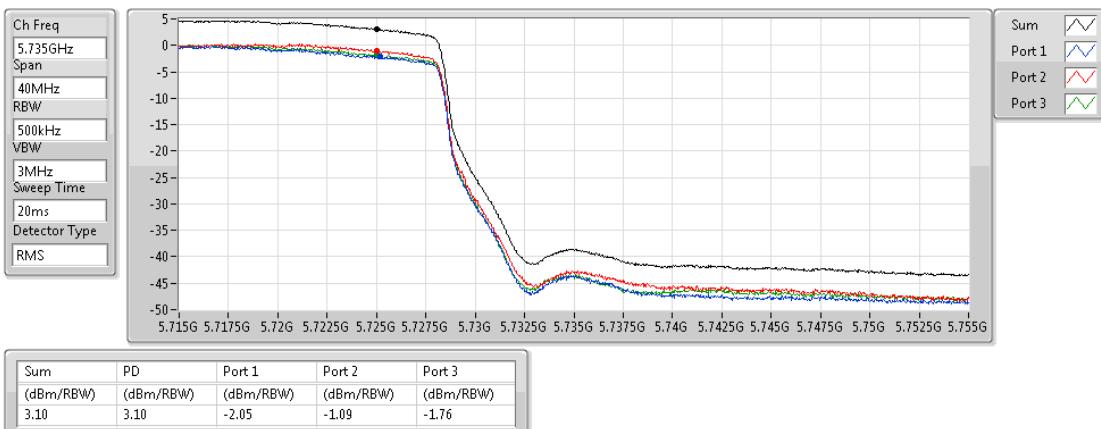
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.34	6.34	1.36	2.13	1.59



802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

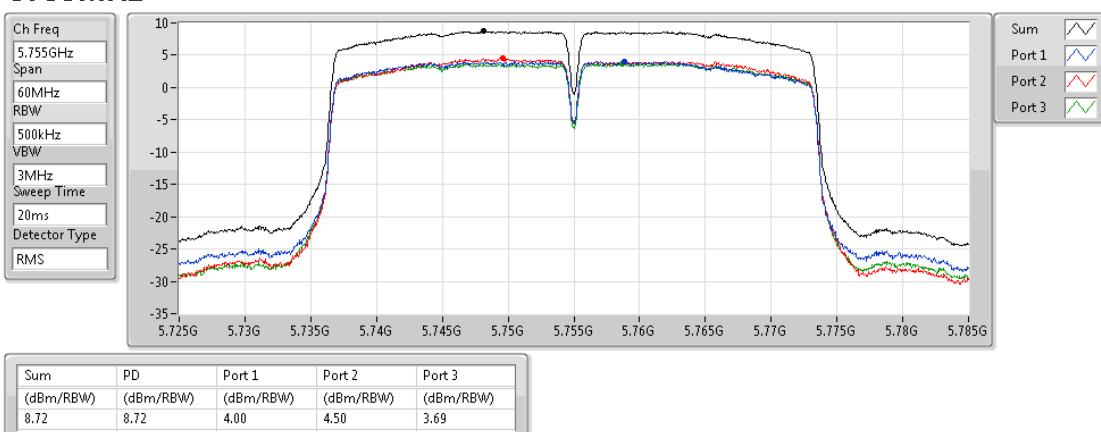
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

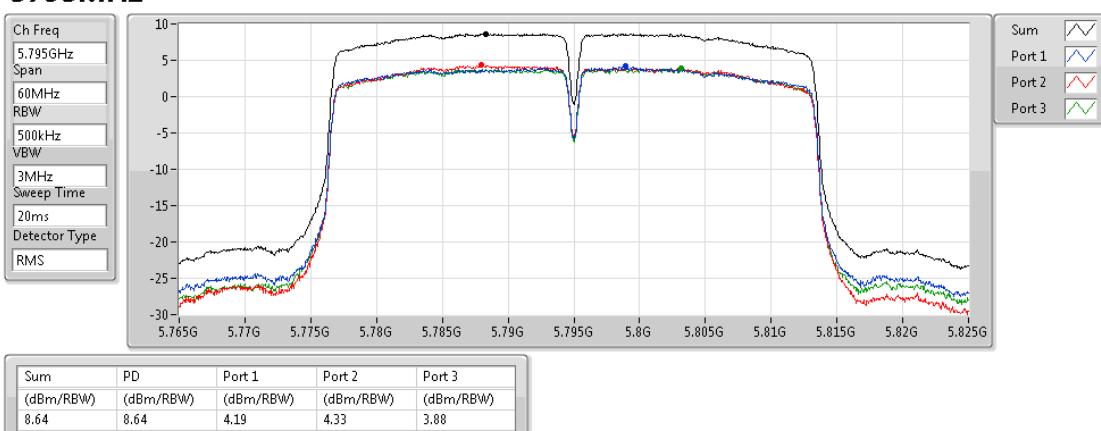
5755MHz



802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5795MHz

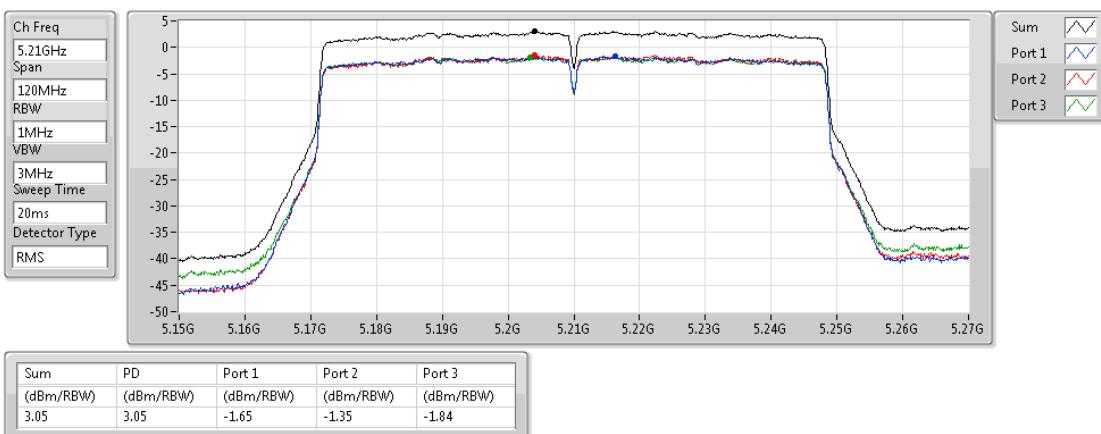




802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

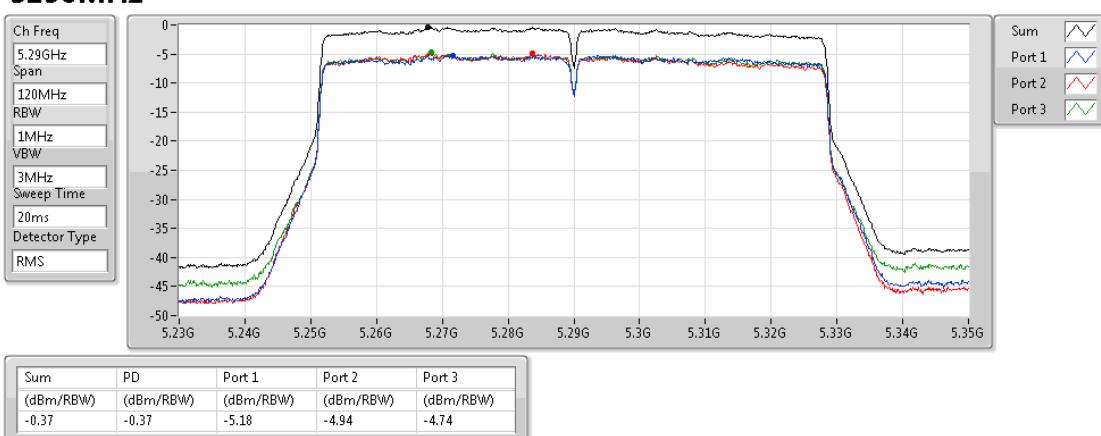
5210MHz



802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

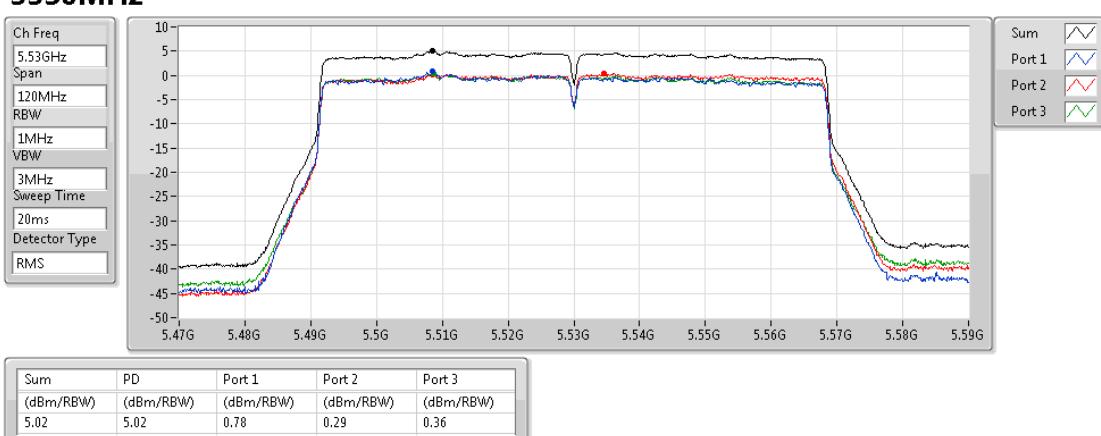
5290MHz



802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

5530MHz

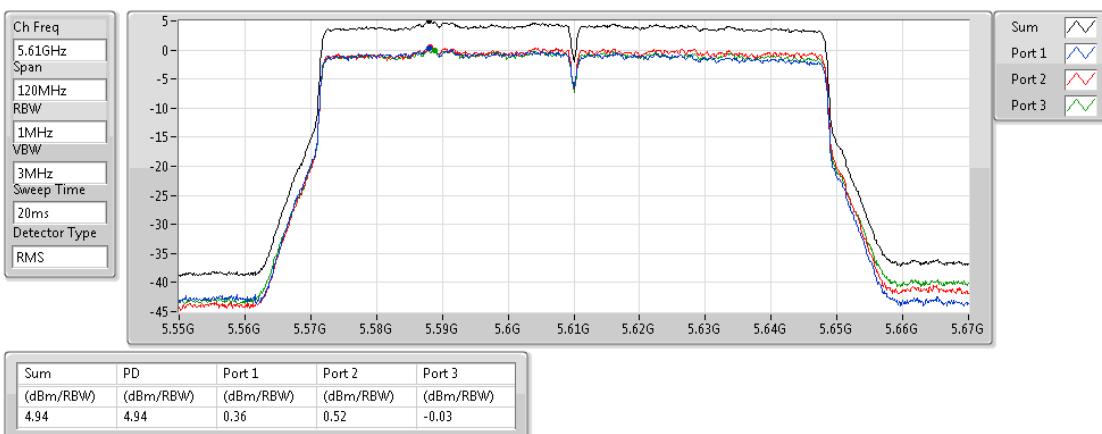




802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

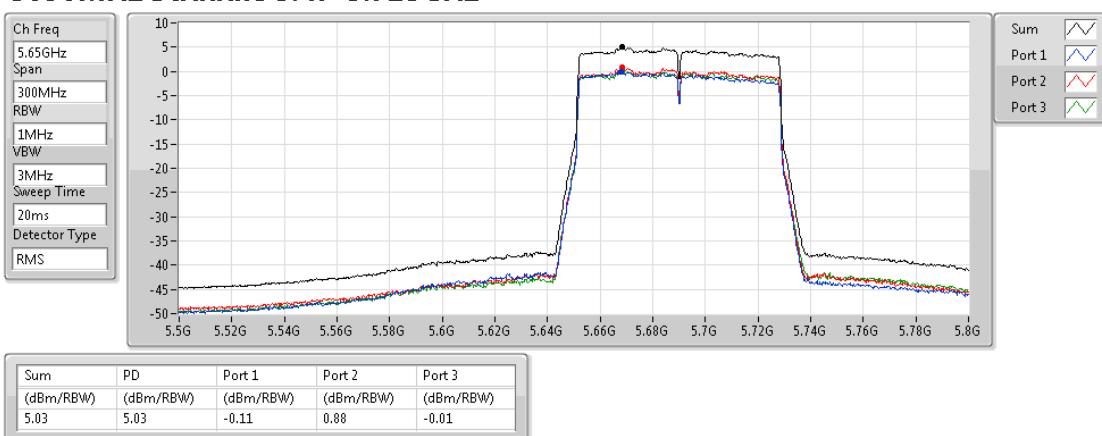
5610MHz



802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

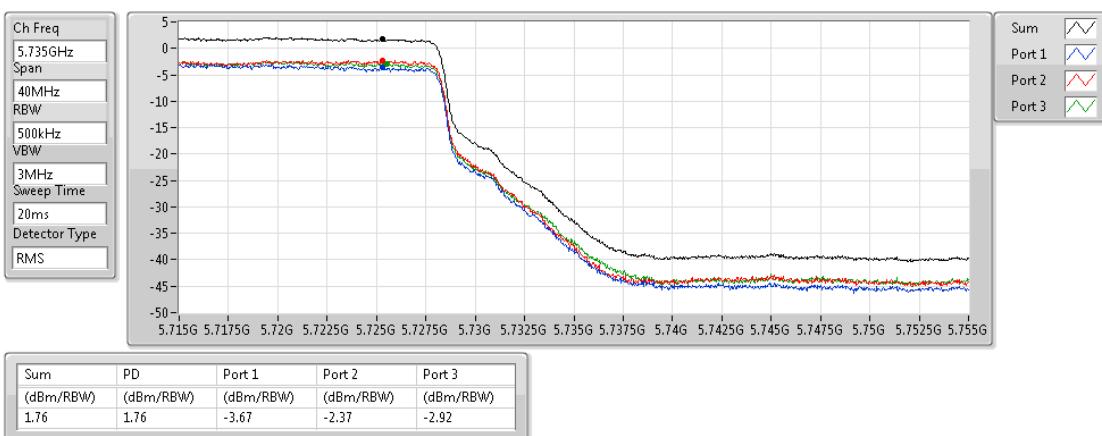
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

5690MHz Straddle 5.725-5.85GHz



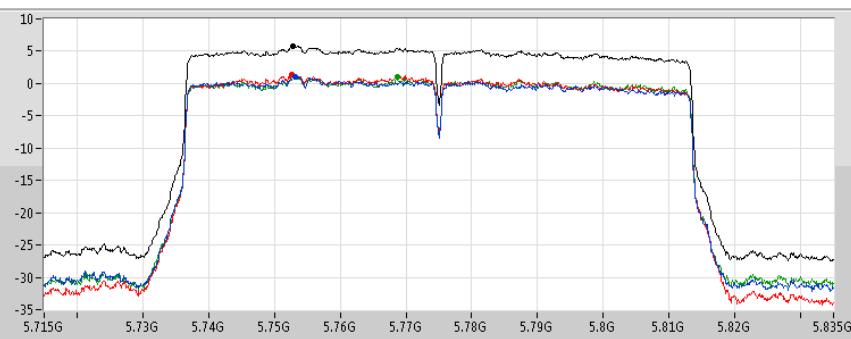


802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

5775MHz

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



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.82	5.82	1.07	1.33	0.95



<For Beamforming Mode>

Summary

Mode	PD (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-
5.15-5.25GHz	12.68
5.25-5.35GHz	6.67
5.47-5.725GHz	6.64
5.725-5.85GHz	11.44
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-
5.15-5.25GHz	11.27
5.25-5.35GHz	5.74
5.47-5.725GHz	5.33
5.725-5.85GHz	10.02
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-
5.15-5.25GHz	4.55
5.25-5.35GHz	0.57
5.47-5.725GHz	1.54
5.725-5.85GHz	7.00

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	10.31	7.63	7.85	7.46	12.33	12.69
5200MHz	Pass	10.31	8.49	7.91	7.60	12.68	12.69
5240MHz	Pass	10.31	8.13	7.36	6.82	12.15	12.69
5260MHz	Pass	10.31	2.59	1.84	1.85	6.67	6.69
5300MHz	Pass	10.31	2.57	1.46	1.37	6.50	6.69
5320MHz	Pass	10.31	2.41	1.47	0.72	6.27	6.69
5500MHz	Pass	10.31	2.45	1.95	1.24	6.55	6.69
5580MHz	Pass	10.31	2.39	1.62	1.00	6.39	6.69
5700MHz	Pass	10.31	2.41	2.42	0.75	6.64	6.69
5720MHz Straddle 5.47-5.725GHz	Pass	10.31	1.19	1.56	1.07	5.97	6.69
5720MHz Straddle 5.725-5.85GHz	Pass	10.31	-0.60	-0.49	-0.77	4.09	25.69
5745MHz	Pass	10.31	6.91	6.68	6.44	11.37	25.69
5785MHz	Pass	10.31	6.93	6.79	6.71	11.44	25.69
5825MHz	Pass	10.31	6.92	6.53	6.52	11.34	25.69
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5190MHz	Pass	10.31	4.87	5.08	4.61	9.57	12.69
5230MHz	Pass	10.31	6.91	6.64	6.23	11.27	12.69
5270MHz	Pass	10.31	1.31	1.05	1.23	5.74	6.69
5310MHz	Pass	10.31	0.88	0.53	0.48	5.21	6.69
5510MHz	Pass	10.31	0.54	0.49	0.18	5.11	6.69
5550MHz	Pass	10.31	0.56	0.35	0.25	5.09	6.69
5670MHz	Pass	10.31	0.68	0.75	0.66	5.33	6.69
5710MHz Straddle 5.47-5.725GHz	Pass	10.31	-0.17	0.35	-0.22	4.67	6.69
5710MHz Straddle 5.725-5.85GHz	Pass	10.31	-3.55	-2.70	-3.58	1.49	25.69
5755MHz	Pass	10.31	5.59	5.56	4.96	9.93	25.69
5795MHz	Pass	10.31	5.42	5.58	5.09	10.02	25.69
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5210MHz	Pass	10.31	0.15	0.08	-0.53	4.55	12.69
5290MHz	Pass	10.31	-3.77	-4.05	-4.23	0.57	6.69
5530MHz	Pass	10.31	-2.88	-3.19	-3.35	1.49	6.69
5610MHz	Pass	10.31	-2.91	-3.04	-3.33	1.54	6.69
5690MHz Straddle 5.47-5.725GHz	Pass	10.31	-3.10	-2.78	-3.39	1.48	6.69
5690MHz Straddle 5.725-5.85GHz	Pass	10.31	-5.93	-5.11	-5.83	-0.92	25.69
5775MHz	Pass	10.31	2.54	2.58	2.06	7.00	25.69

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

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

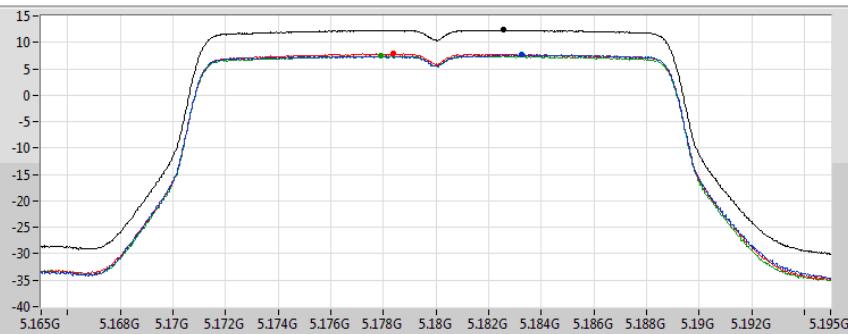


802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5180MHz

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



Sum
Port 1
Port 2
Port 3

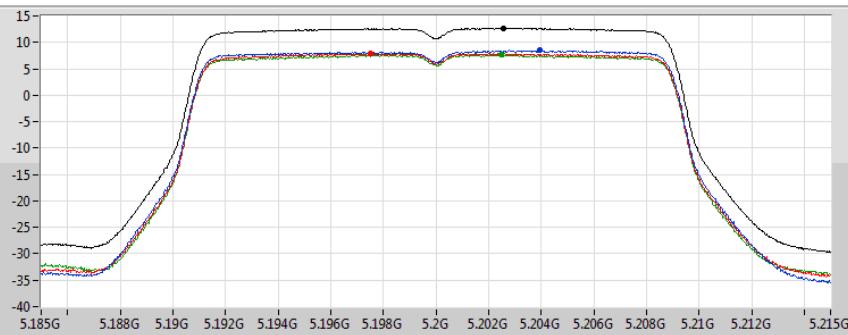
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.33	12.33	7.63	7.85	7.46

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5200MHz

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



Sum
Port 1
Port 2
Port 3

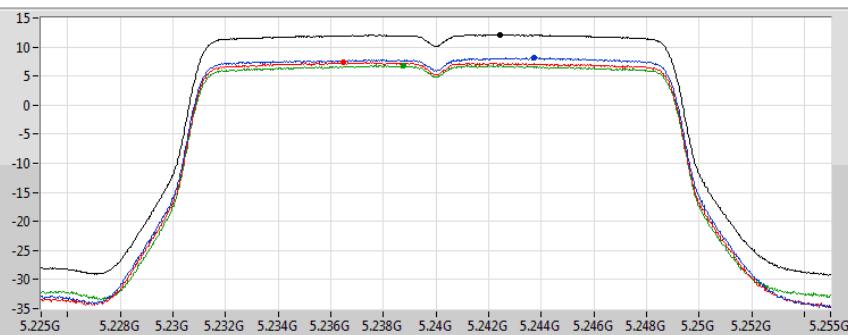
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.68	12.68	8.49	7.91	7.60

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5240MHz

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



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.15	12.15	8.13	7.36	6.82

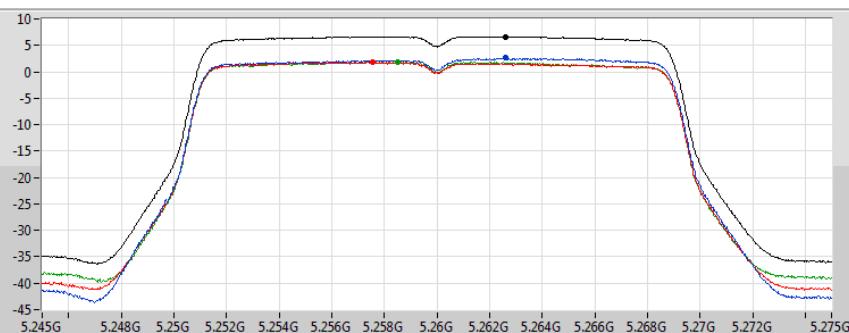


802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

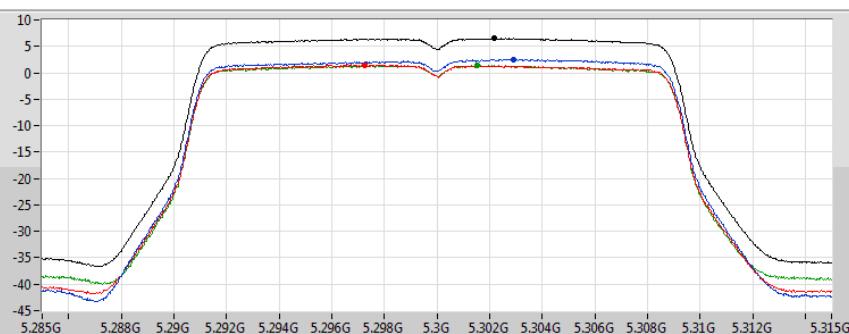
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.67	6.67	2.59	1.84	1.85

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

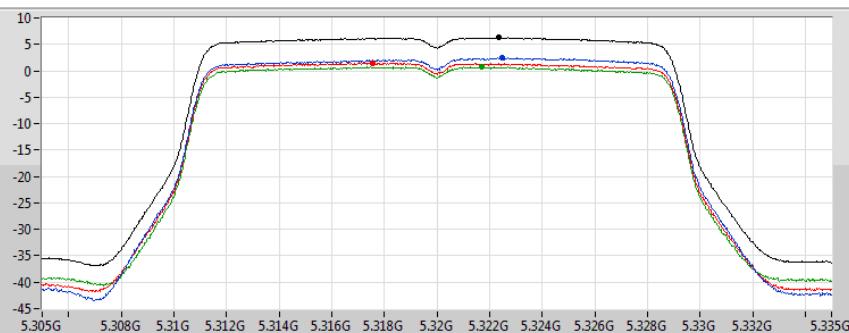
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.50	6.50	2.57	1.46	1.37

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5320MHz

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



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.27	6.27	2.41	1.47	0.72

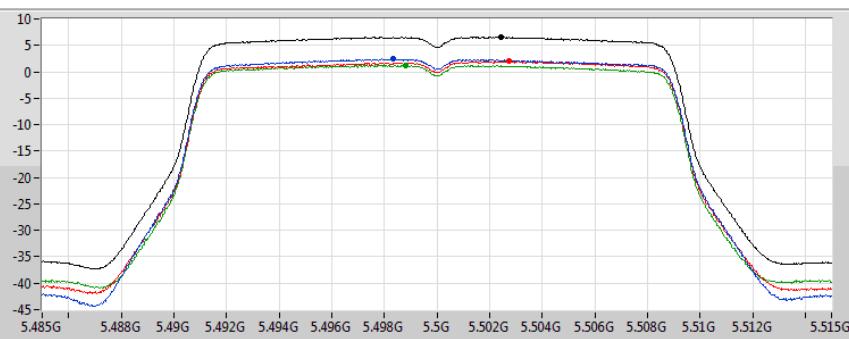


802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum PD Port 1 Port 2 Port 3

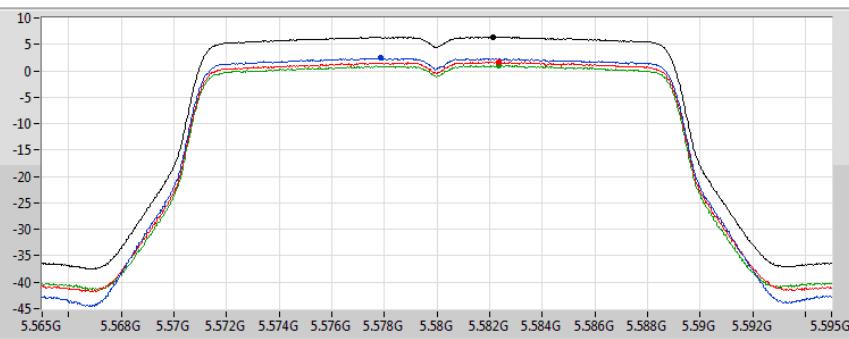
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.55	6.55	2.45	1.95	1.24

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum PD Port 1 Port 2 Port 3

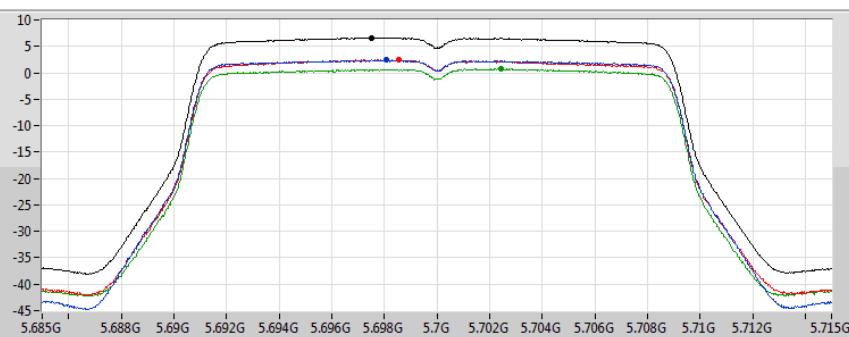
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.39	6.39	2.39	1.62	1.00

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum PD Port 1 Port 2 Port 3

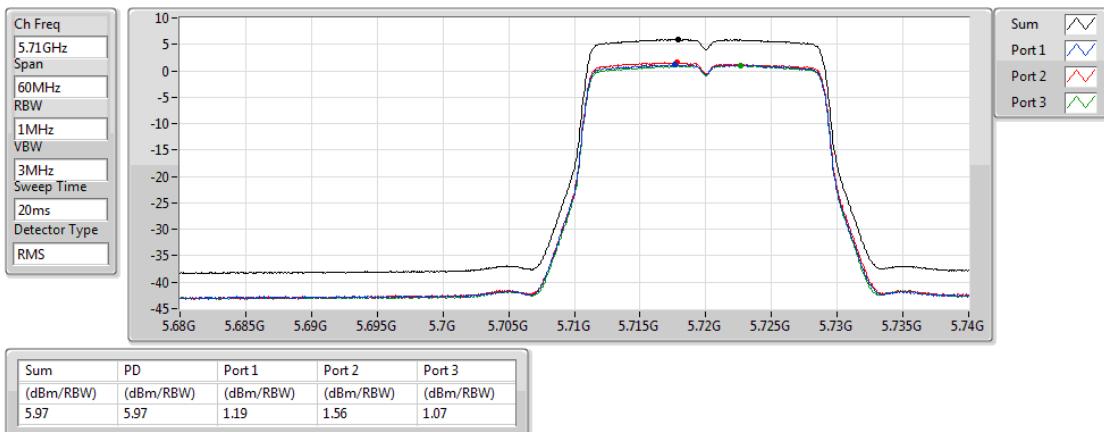
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.64	6.64	2.41	2.42	0.75



802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

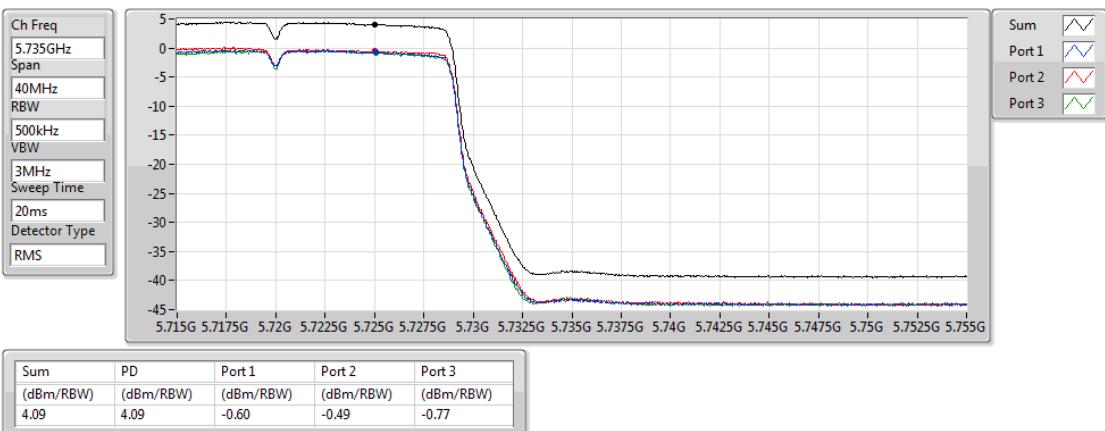
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

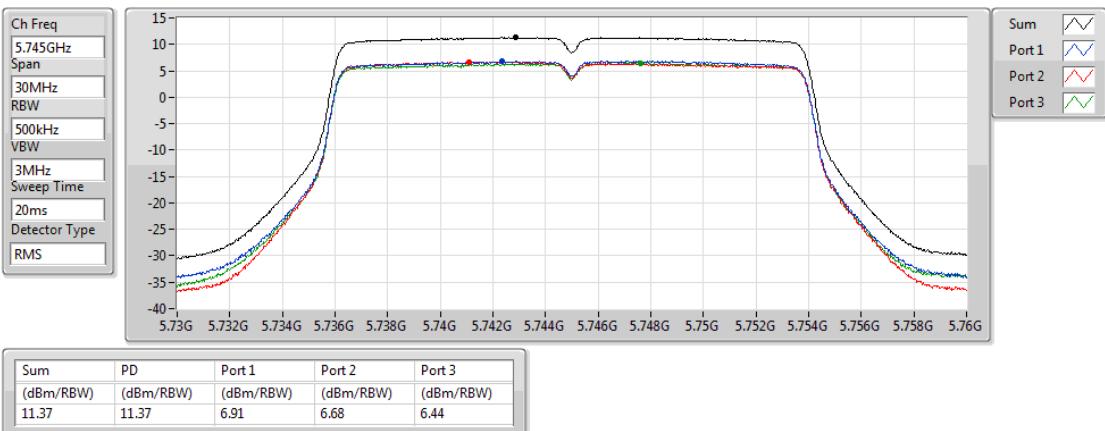
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5745MHz



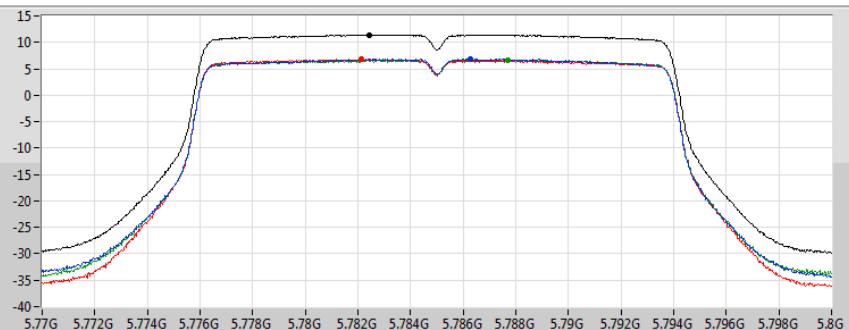


802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5785MHz

Ch Freq
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

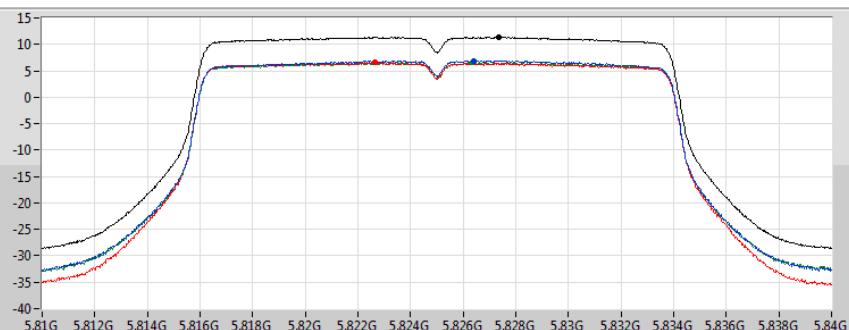
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.44	11.44	6.93	6.79	6.71

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

PSD

5825MHz

Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

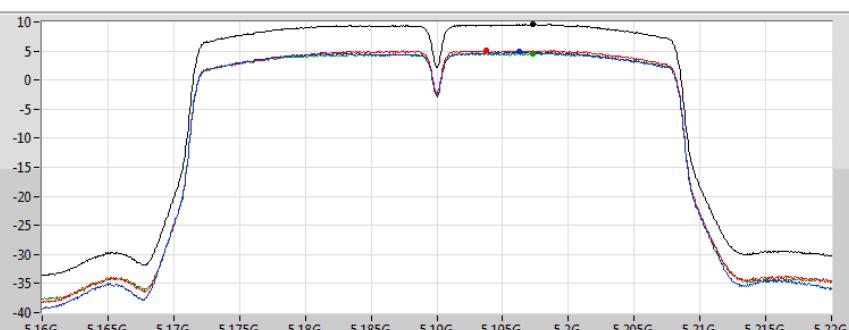
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.34	11.34	6.92	6.53	6.52

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5190MHz

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



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.57	9.57	4.87	5.08	4.61

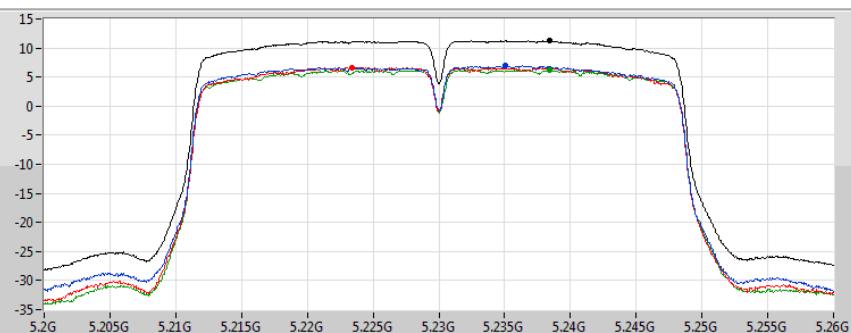


802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5230MHz

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



Sum
Port 1
Port 2
Port 3

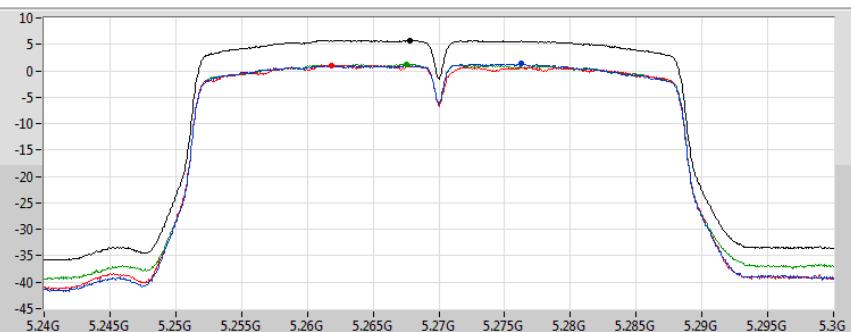
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.27	11.27	6.91	6.64	6.23

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5270MHz

Ch Freq
5.27GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

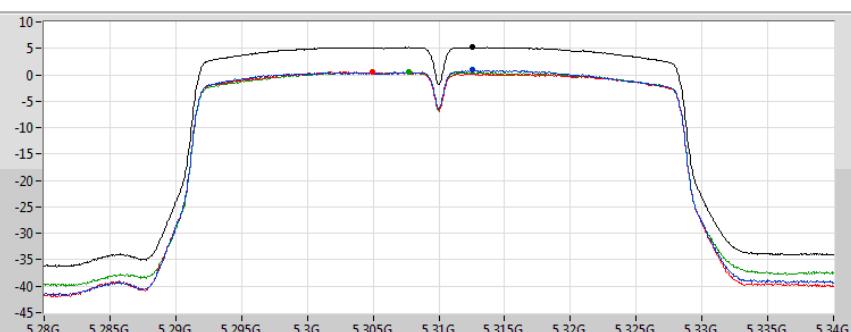
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.74	5.74	1.31	1.05	1.23

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5310MHz

Ch Freq
5.31GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

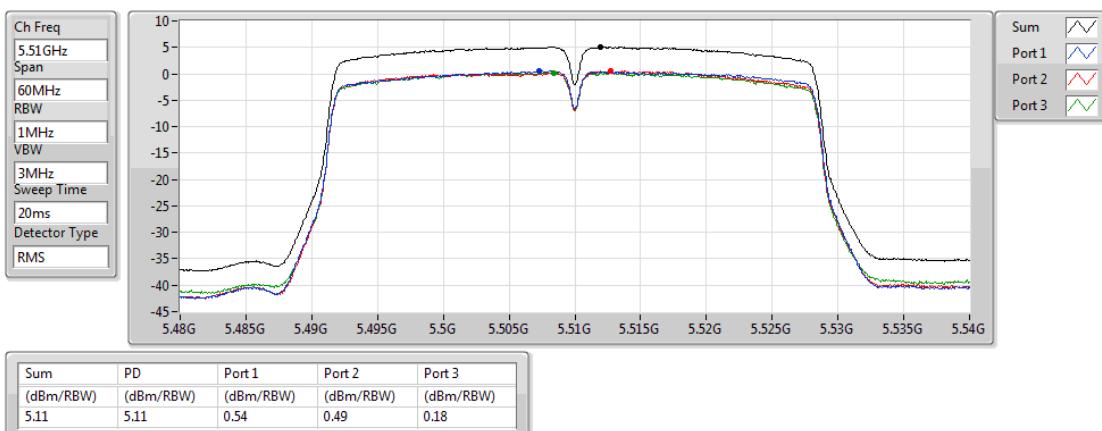
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.21	5.21	0.88	0.53	0.48



802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

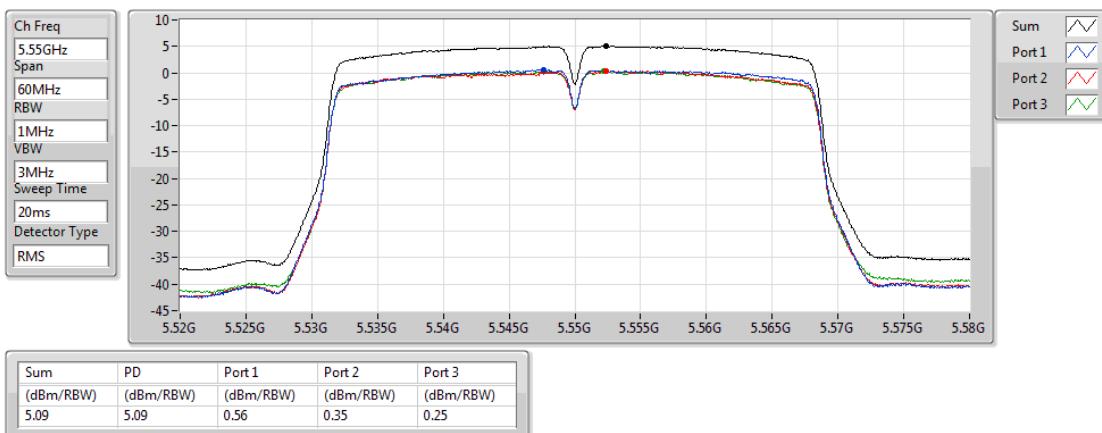
5510MHz



802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

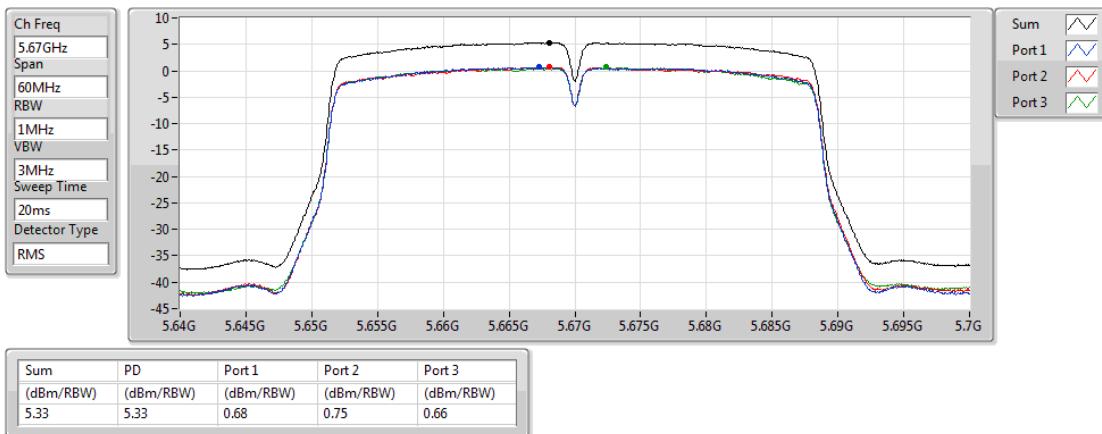
5550MHz



802.11ac VHT40-BF_Nss1,(MCS0)_3TX

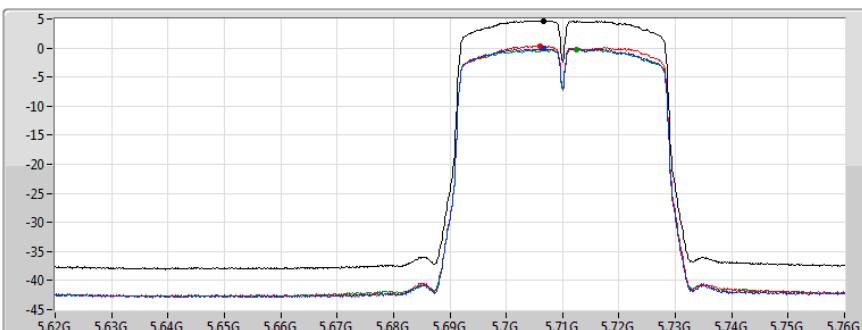
PSD

5670MHz



**802.11ac VHT40-BF_Nss1,(MCS0)_3TX
5710MHz Straddle 5.47-5.725GHz****PSD**

Ch Freq
5.69GHz
Span
140MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

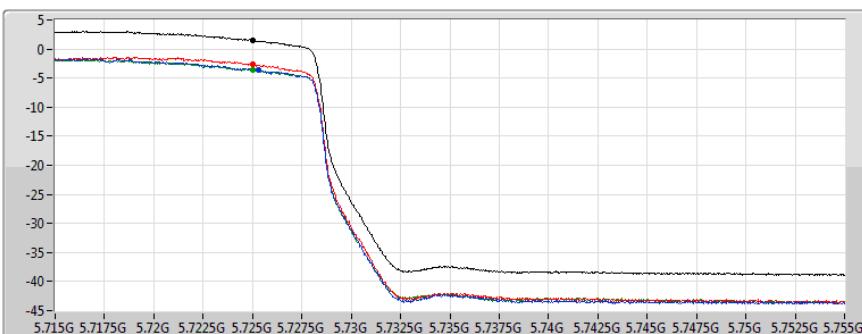


Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.67	4.67	-0.17	0.35	-0.22

**802.11ac VHT40-BF_Nss1,(MCS0)_3TX
5710MHz Straddle 5.725-5.85GHz****PSD**

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

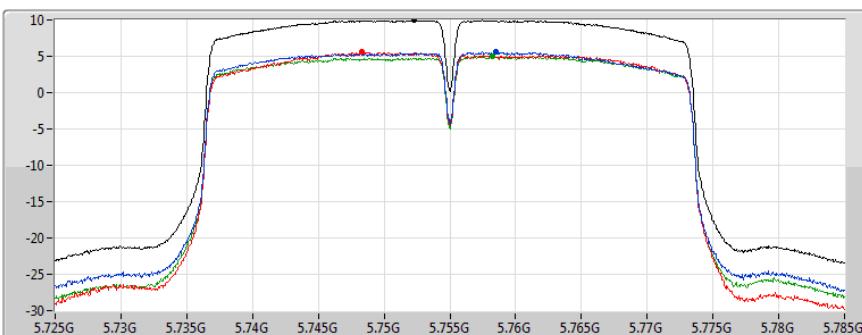


Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.49	1.49	-3.55	-2.70	-3.58

**802.11ac VHT40-BF_Nss1,(MCS0)_3TX
5755MHz****PSD**

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



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.93	9.93	5.59	5.56	4.96

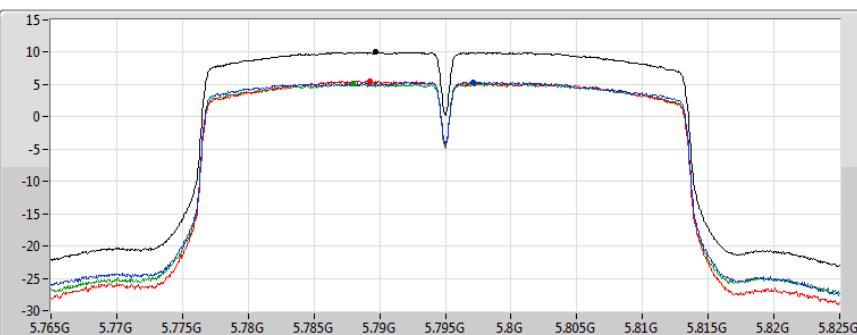


802.11ac VHT40-BF_Nss1,(MCS0)_3TX

PSD

5795MHz

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



Sum
Port 1
Port 2
Port 3

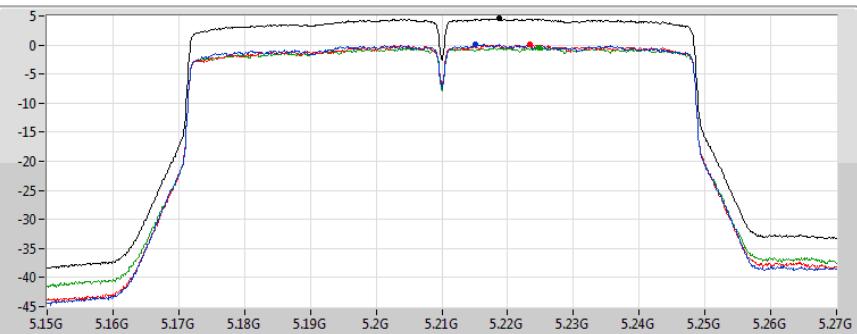
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.02	10.02	5.42	5.58	5.09

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

PSD

5210MHz

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



Sum
Port 1
Port 2
Port 3

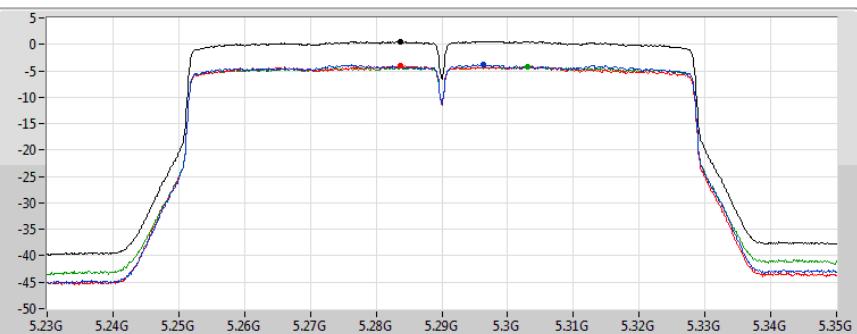
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.55	4.55	0.15	0.08	-0.53

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

PSD

5290MHz

Ch Freq
5.29GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.57	0.57	-3.77	-4.05	-4.23

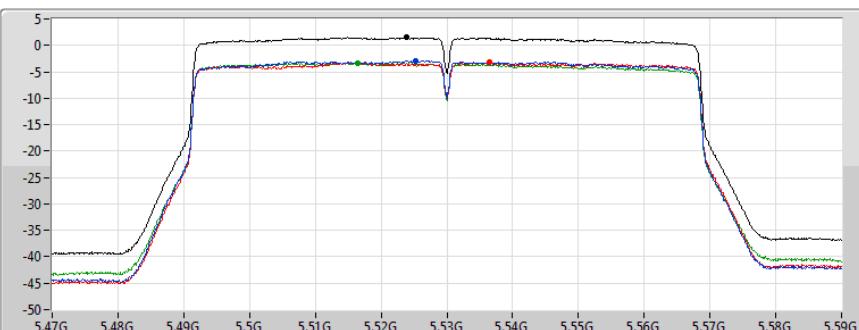


802.11ac VHT80-BF_Nss1,(MCS0)_3TX

PSD

5530MHz

Ch Freq
5.53GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



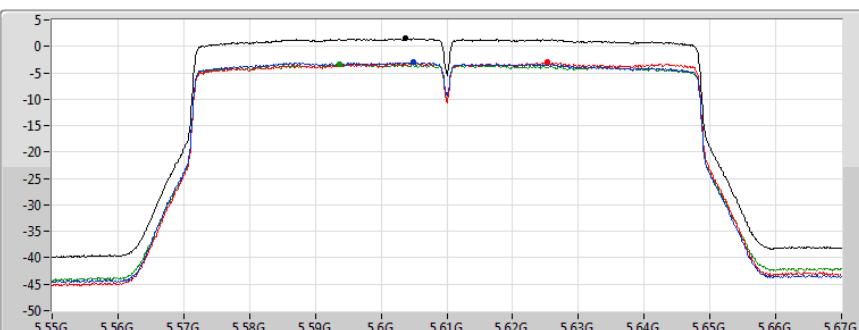
Sum
Port 1
Port 2
Port 3

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

PSD

5610MHz

Ch Freq
5.61GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



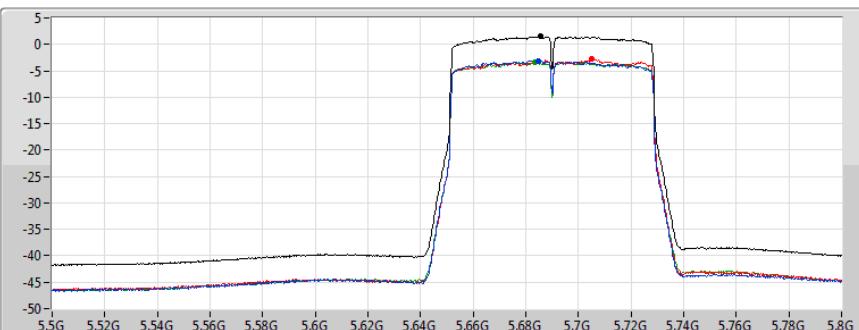
Sum
Port 1
Port 2
Port 3

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

PSD

5690MHz Straddle 5.47-5.725GHz

Ch Freq
5.65GHz
Span
300MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3

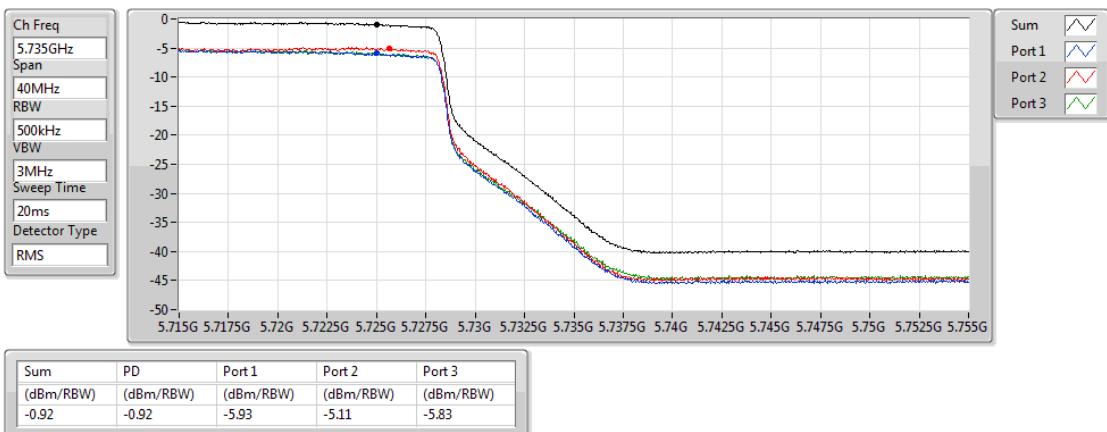
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.48	1.48	-3.10	-2.78	-3.39



802.11ac VHT80-BF_Nss1,(MCS0)_3TX

PSD

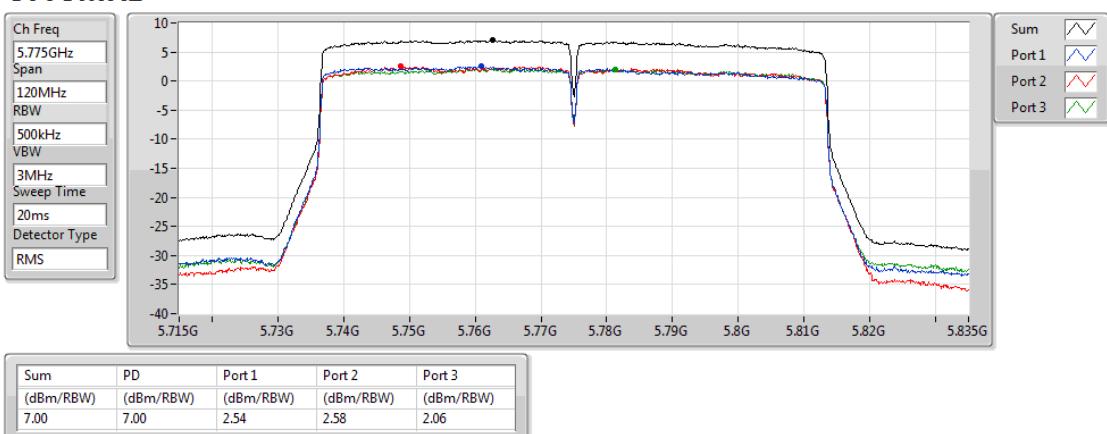
5690MHz Straddle 5.725-5.85GHz



802.11ac VHT80-BF_Nss1,(MCS0)_3TX

PSD

5775MHz





For Set 3 antennas / 1TX:

Summary

Mode	PD (dBm/RBW)
802.11a_(6Mbps)_1TX	-
5.15-5.25GHz	8.46
5.25-5.35GHz	7.23
5.47-5.725GHz	7.13
5.725-5.85GHz	6.64
802.11ac VHT20_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	7.93
5.25-5.35GHz	7.24
5.47-5.725GHz	7.13
5.725-5.85GHz	6.70
802.11ac VHT40_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	5.65
5.25-5.35GHz	4.61
5.47-5.725GHz	4.83
5.725-5.85GHz	4.13
802.11ac VHT80_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	1.18
5.25-5.35GHz	-2.66
5.47-5.725GHz	1.15
5.725-5.85GHz	1.24

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	9.74	8.25	8.25	13.26
5200MHz	Pass	9.74	8.46	8.46	13.26
5240MHz	Pass	9.74	8.31	8.31	13.26
5260MHz	Pass	9.74	6.94	6.94	7.26
5300MHz	Pass	9.74	7.22	7.22	7.26
5320MHz	Pass	9.74	7.23	7.23	7.26
5500MHz	Pass	9.74	6.51	6.51	7.26
5580MHz	Pass	9.74	7.13	7.13	7.26
5700MHz	Pass	9.74	7.05	7.05	7.26
5720MHz Straddle 5.47-5.725GHz	Pass	9.74	6.86	6.86	7.26
5720MHz Straddle 5.725-5.85GHz	Pass	9.74	5.13	5.13	26.26
5745MHz	Pass	9.74	6.64	6.64	26.26
5785MHz	Pass	9.74	6.54	6.54	26.26
5825MHz	Pass	9.74	6.64	6.64	26.26
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	9.74	7.79	7.79	13.26
5200MHz	Pass	9.74	7.93	7.93	13.26
5240MHz	Pass	9.74	7.85	7.85	13.26
5260MHz	Pass	9.74	6.95	6.95	7.26
5300MHz	Pass	9.74	7.22	7.22	7.26
5320MHz	Pass	9.74	7.24	7.24	7.26
5500MHz	Pass	9.74	6.51	6.51	7.26
5580MHz	Pass	9.74	7.13	7.13	7.26
5700MHz	Pass	9.74	7.03	7.03	7.26
5720MHz Straddle 5.47-5.725GHz	Pass	9.74	6.93	6.93	7.26
5720MHz Straddle 5.725-5.85GHz	Pass	9.74	5.11	5.11	26.26
5745MHz	Pass	9.74	6.70	6.70	26.26
5785MHz	Pass	9.74	6.53	6.53	26.26
5825MHz	Pass	9.74	6.58	6.58	26.26
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	9.74	4.36	4.36	13.26
5230MHz	Pass	9.74	5.65	5.65	13.26
5270MHz	Pass	9.74	4.51	4.51	7.26
5310MHz	Pass	9.74	4.61	4.61	7.26
5510MHz	Pass	9.74	4.03	4.03	7.26
5550MHz	Pass	9.74	4.11	4.11	7.26
5670MHz	Pass	9.74	4.83	4.83	7.26
5710MHz Straddle 5.47-5.725GHz	Pass	9.74	4.57	4.57	7.26
5710MHz Straddle 5.725-5.85GHz	Pass	9.74	1.17	1.17	26.26
5755MHz	Pass	9.74	4.13	4.13	26.26
5795MHz	Pass	9.74	4.00	4.00	26.26
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-

**FCC Test Report****Report No. : FR760613AC**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5210MHz	Pass	9.74	1.18	1.18	13.26
5290MHz	Pass	9.74	-2.66	-2.66	7.26
5530MHz	Pass	9.74	0.18	0.18	7.26
5610MHz	Pass	9.74	0.69	0.69	7.26
5690MHz Straddle 5.47-5.725GHz	Pass	9.74	1.15	1.15	7.26
5690MHz Straddle 5.725-5.85GHz	Pass	9.74	-2.08	-2.08	26.26
5775MHz	Pass	9.74	1.24	1.24	26.26

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

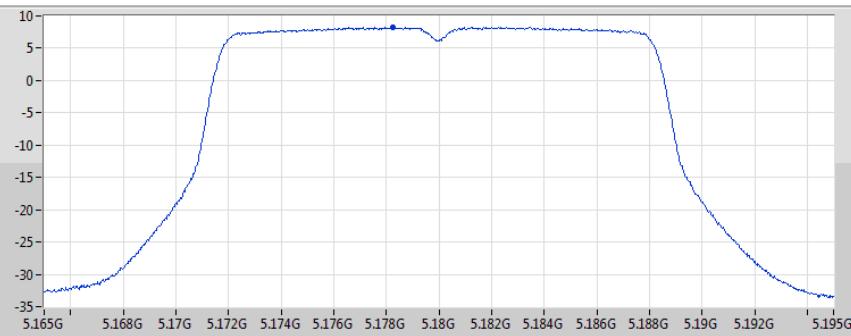


802.11a_(6Mbps)_1TX

PSD

5180MHz

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



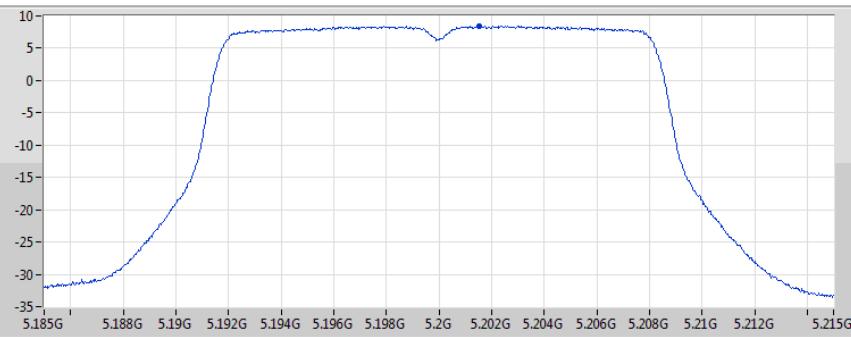
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.25	8.25	8.25

802.11a_(6Mbps)_1TX

PSD

5200MHz

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



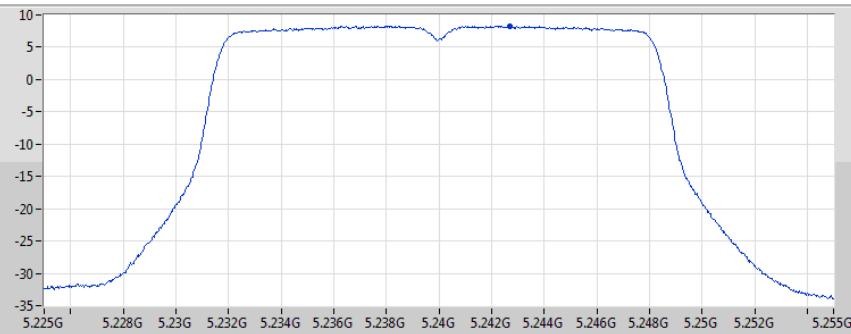
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.46	8.46	8.46

802.11a_(6Mbps)_1TX

PSD

5240MHz

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



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.31	8.31	8.31

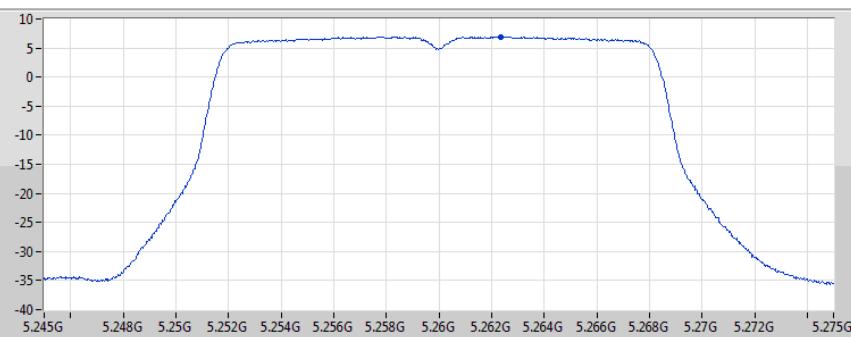


802.11a_(6Mbps)_1TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



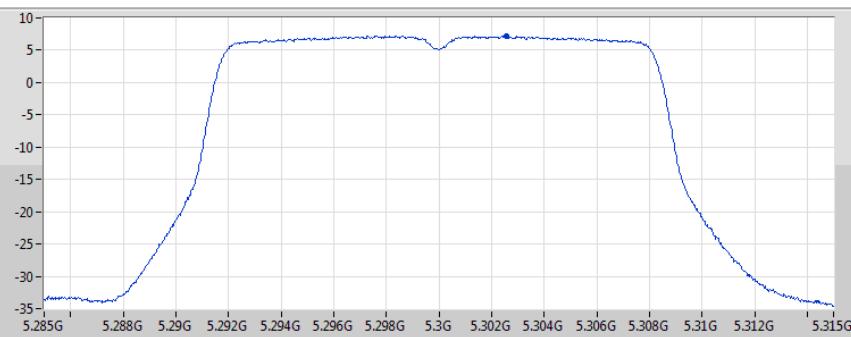
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.94	6.94	6.94

802.11a_(6Mbps)_1TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



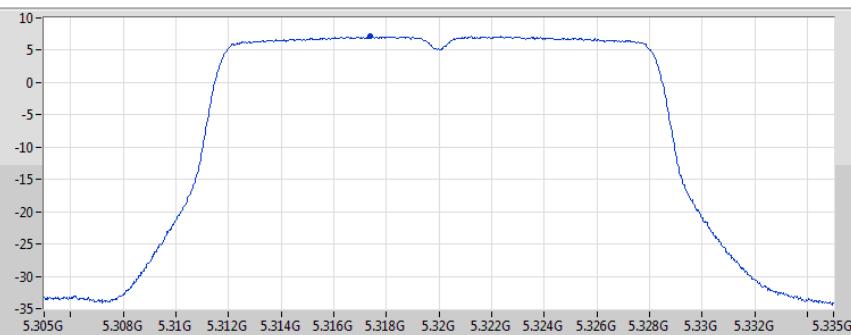
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.22	7.22	7.22

802.11a_(6Mbps)_1TX

PSD

5320MHz

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



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.23	7.23	7.23

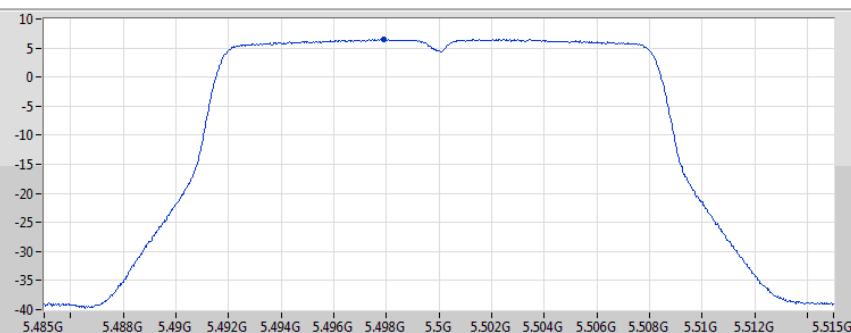


802.11a_(6Mbps)_1TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



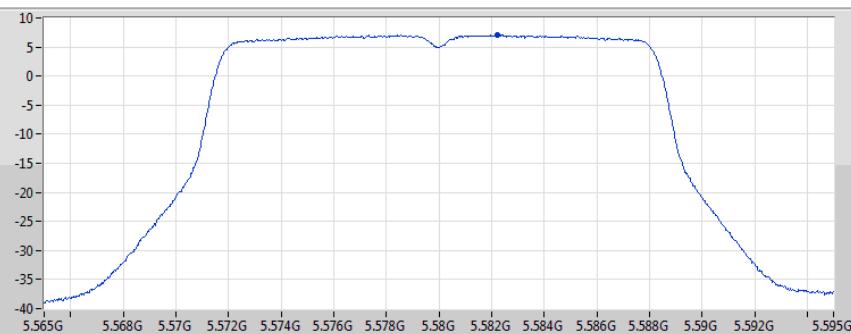
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.51	6.51	6.51

802.11a_(6Mbps)_1TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



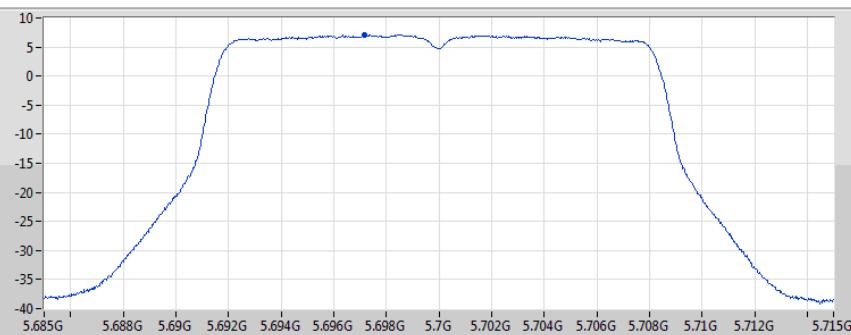
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.13	7.13	7.13

802.11a_(6Mbps)_1TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.05	7.05	7.05

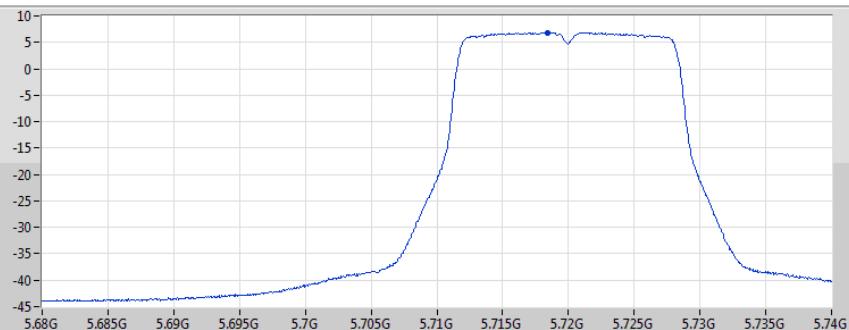


802.11a_(6Mbps)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

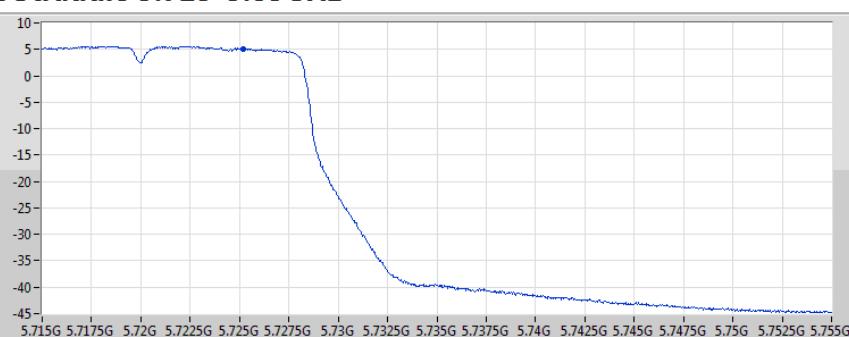


802.11a_(6Mbps)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

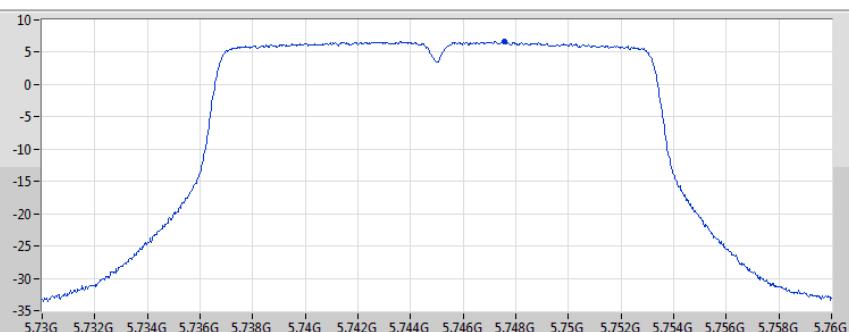


802.11a_(6Mbps)_1TX

PSD

5745MHz

Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.86	6.86	6.86

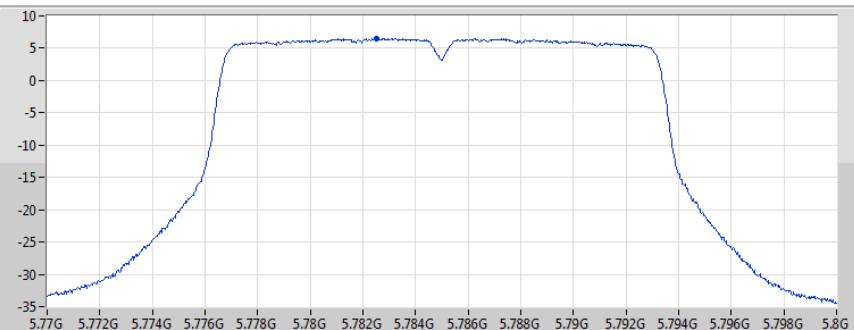


802.11a_(6Mbps)_1TX

PSD

5785MHz

Ch Freq
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



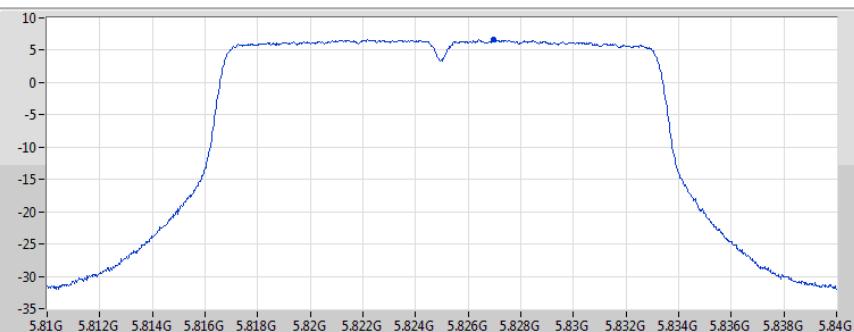
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.54	6.54	6.54

802.11a_(6Mbps)_1TX

PSD

5825MHz

Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



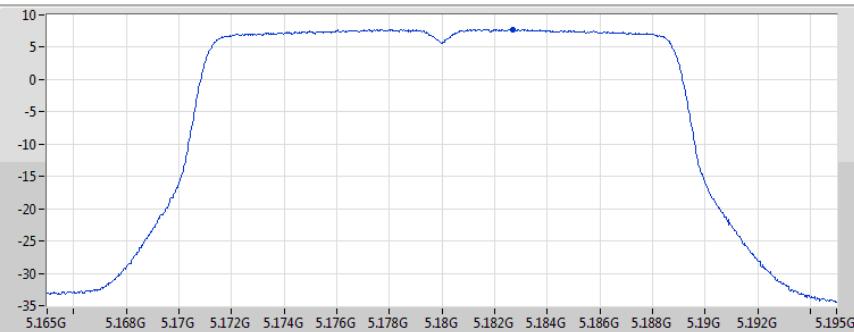
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.64	6.64	6.64

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5180MHz

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



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

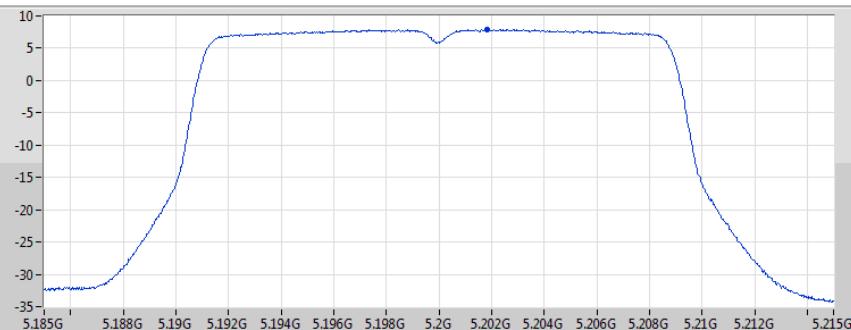


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5200MHz

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



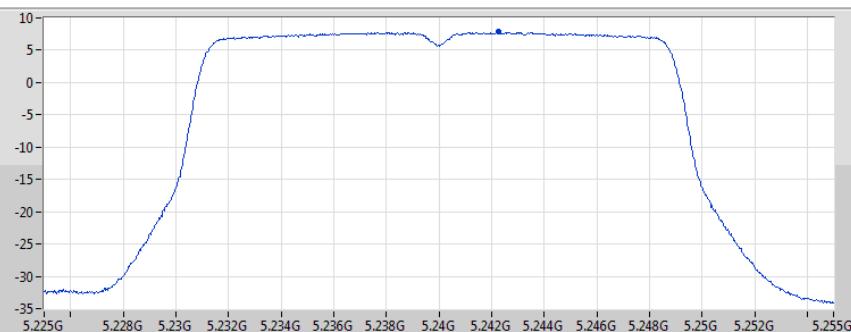
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.93	7.93	7.93

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5240MHz

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



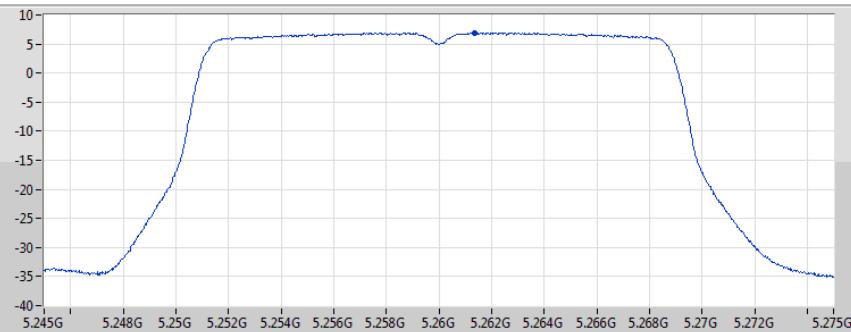
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.85	7.85	7.85

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.95	6.95	6.95

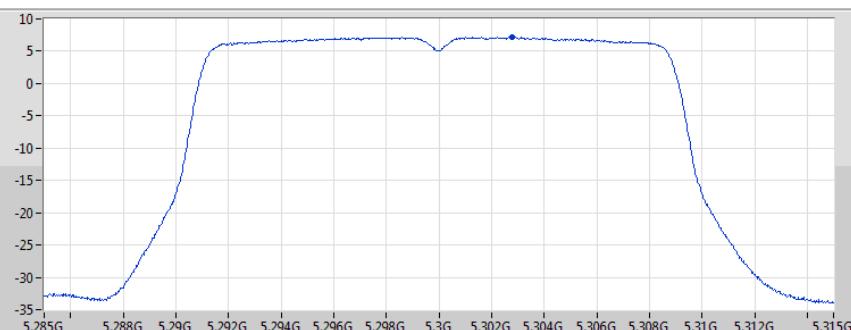


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



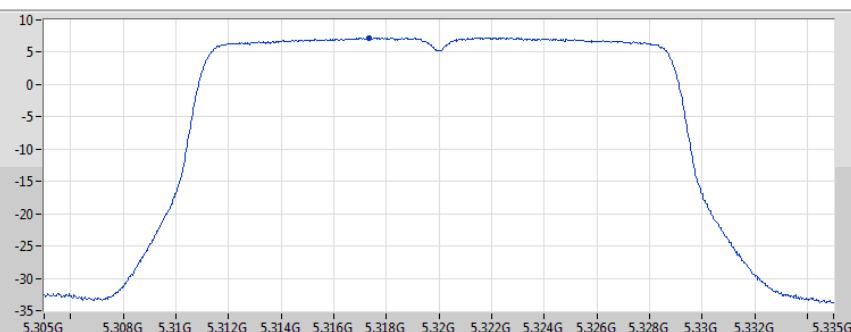
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.22	7.22	7.22

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5320MHz

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



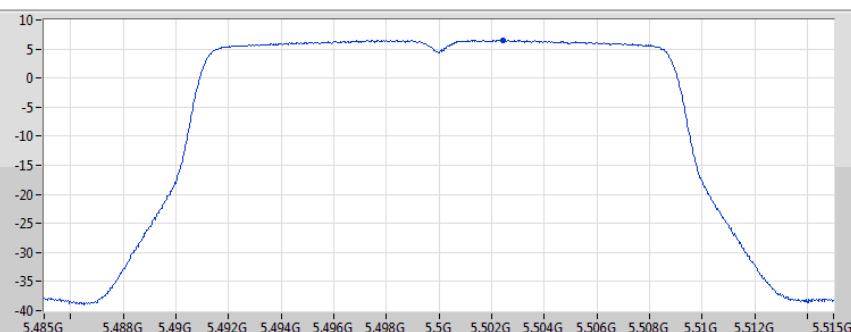
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.24	7.24	7.24

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.51	6.51	6.51

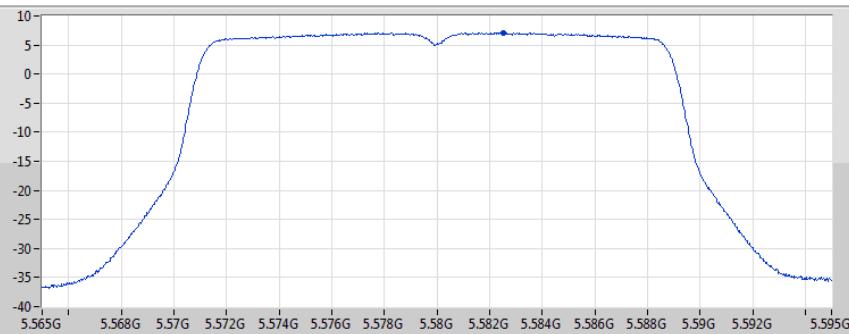


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



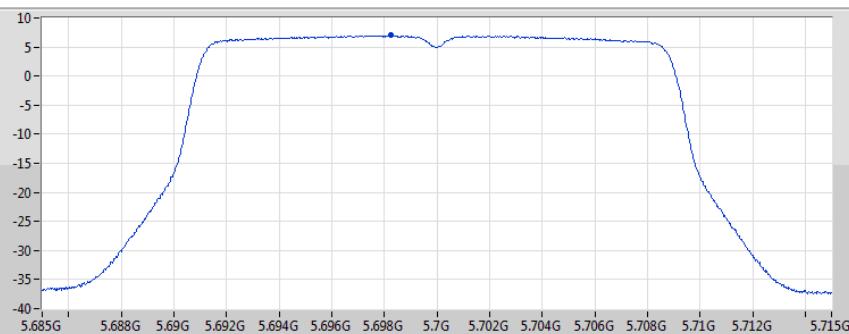
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.13	7.13	7.13

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



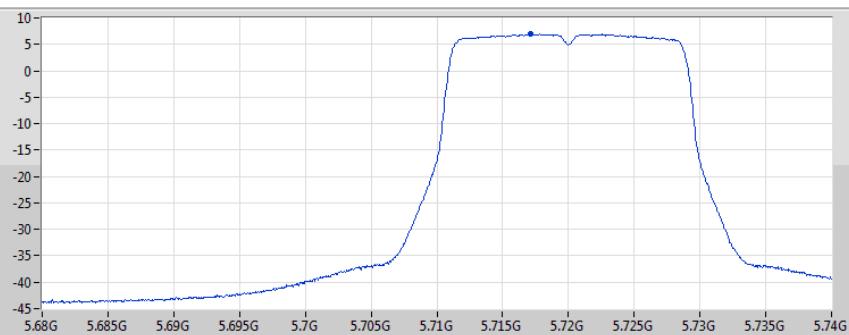
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.03	7.03	7.03

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

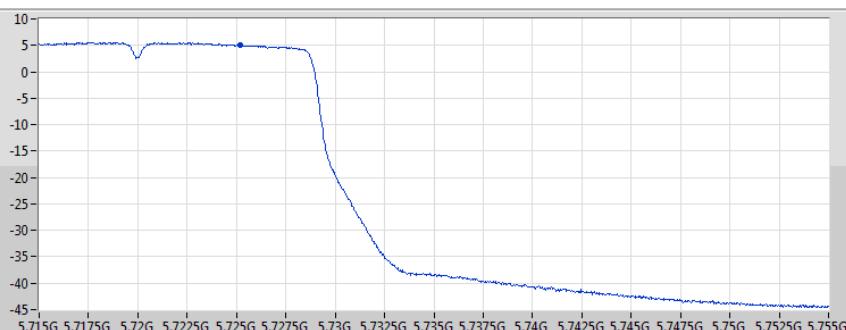
Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.93	6.93	6.93

**802.11ac VHT20_Nss1,(MCS0)_1TX
5720MHz Straddle 5.725-5.85GHz****PSD**

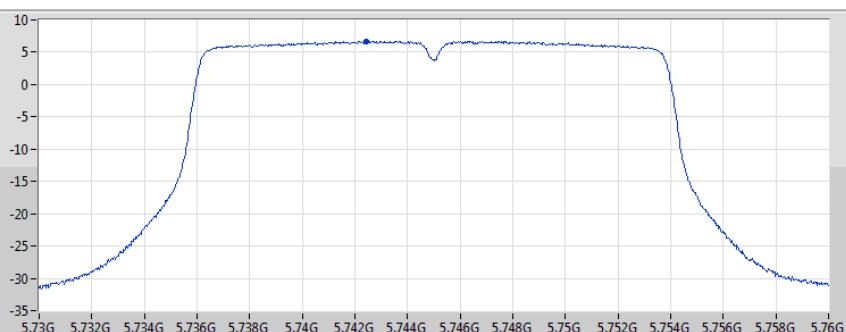
Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.11	5.11	5.11

**802.11ac VHT20_Nss1,(MCS0)_1TX
5745MHz****PSD**

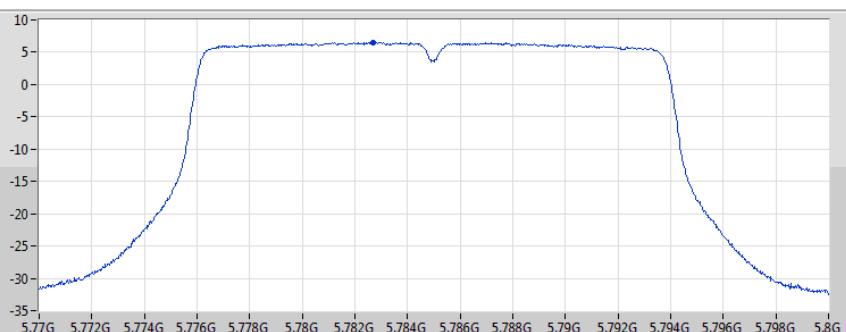
Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



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

**802.11ac VHT20_Nss1,(MCS0)_1TX
5785MHz****PSD**

Ch Freq
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.53	6.53	6.53

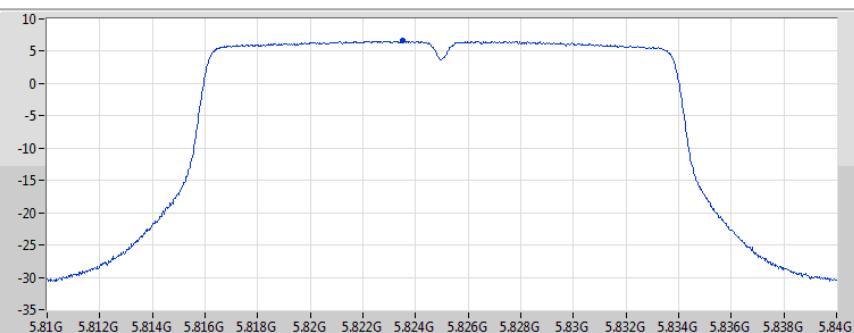


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5825MHz

Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



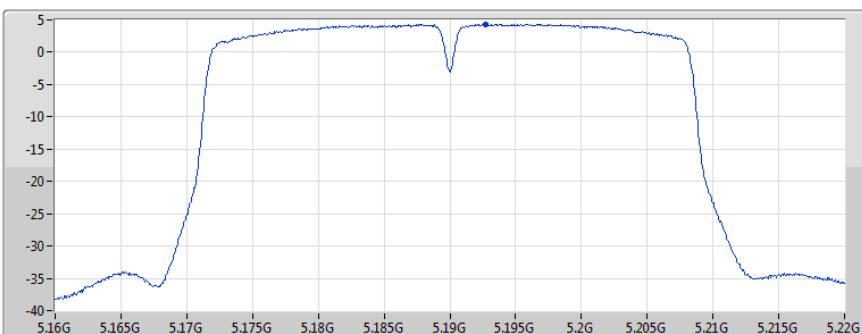
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.58	6.58	6.58

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5190MHz

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



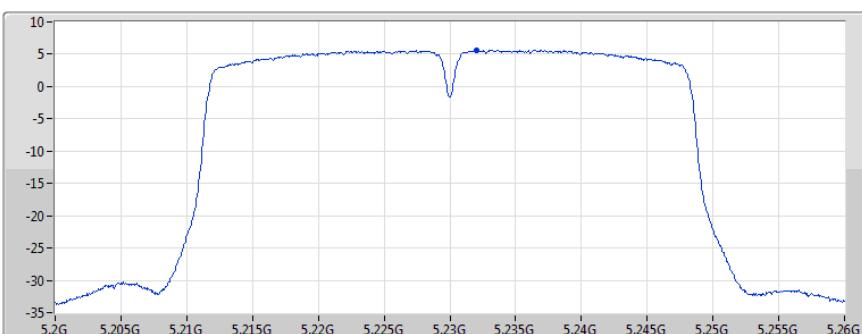
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.36	4.36	4.36

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5230MHz

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



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.65	5.65	5.65

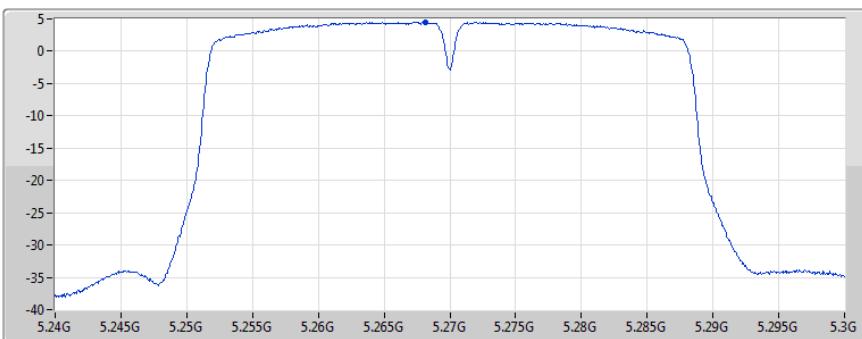


802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5270MHz

Ch Freq
5.27GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



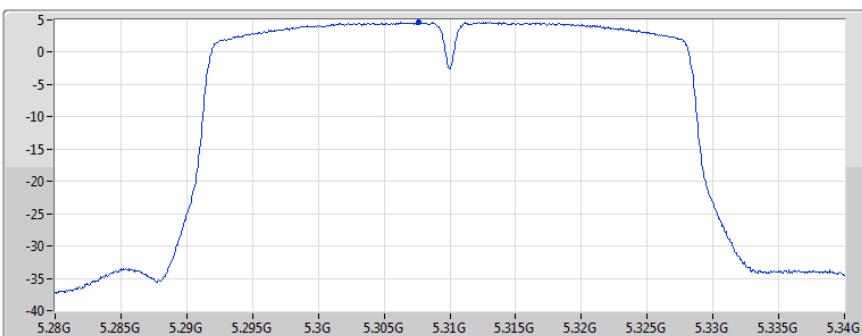
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.51	4.51	4.51

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5310MHz

Ch Freq
5.31GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



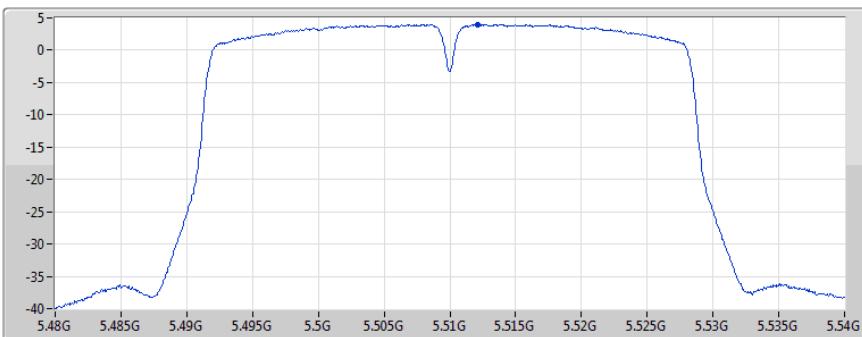
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.61	4.61	4.61

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5510MHz

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



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.03	4.03	4.03

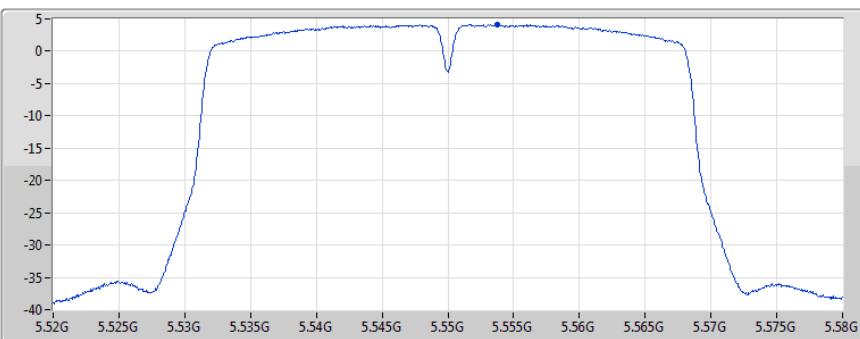


802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5550MHz

Ch Freq
5.55GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

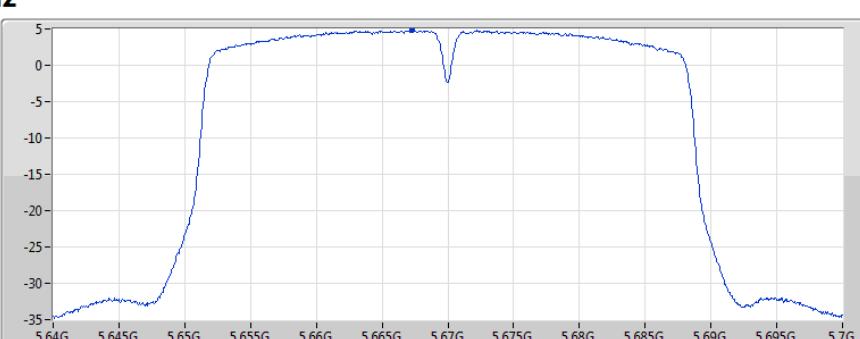


802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5670MHz

Ch Freq
5.67GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

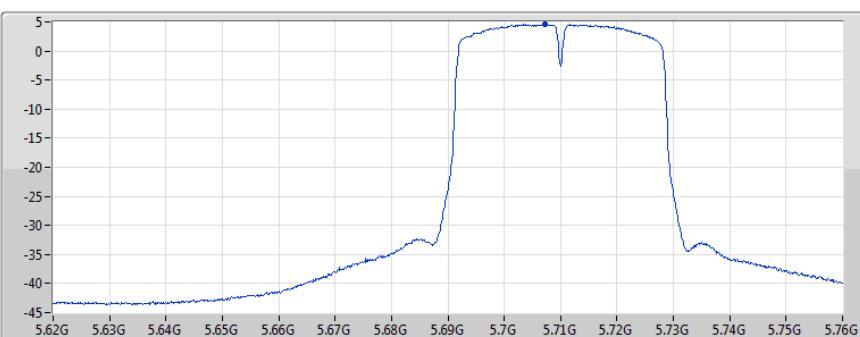


802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

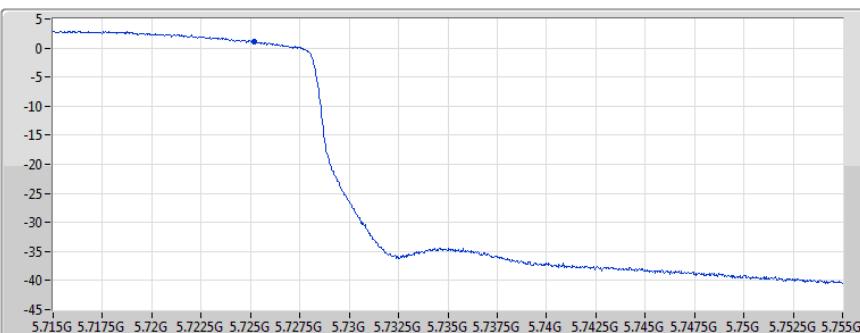
Ch Freq
5.69GHz
Span
140MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.57	4.57	4.57

**802.11ac VHT40_Nss1,(MCS0)_1TX
5710MHz Straddle 5.725-5.85GHz****PSD**

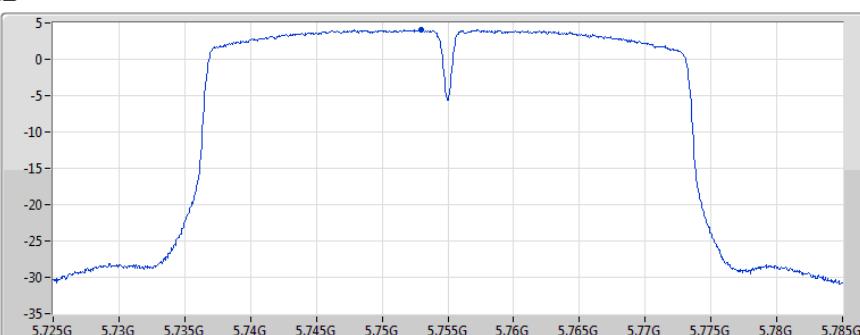
Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.17	1.17	1.17

**802.11ac VHT40_Nss1,(MCS0)_1TX
5755MHz****PSD**

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



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.13	4.13	4.13

**802.11ac VHT40_Nss1,(MCS0)_1TX
5795MHz****PSD**

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



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.00	4.00	4.00

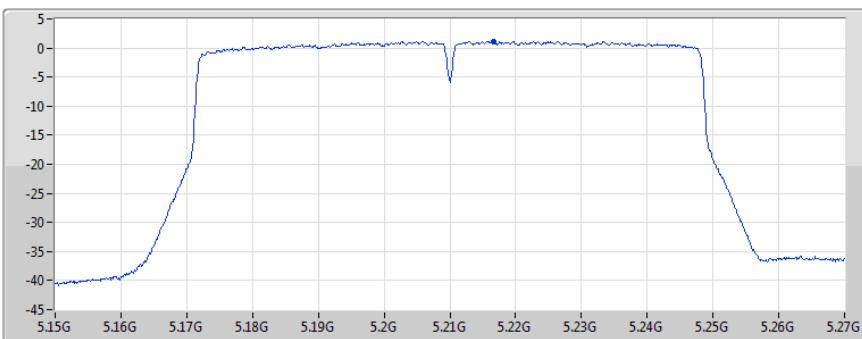


802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5210MHz

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



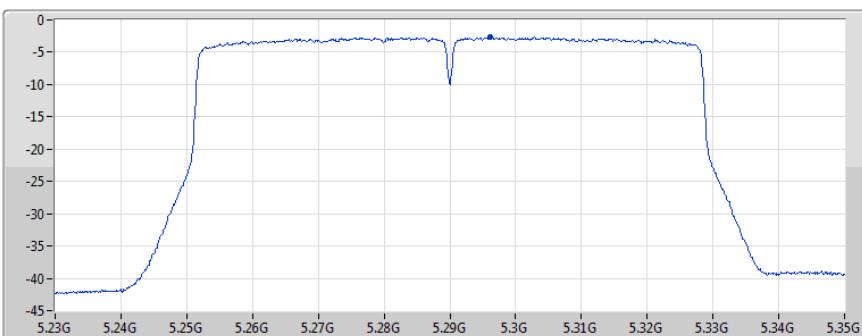
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.18	1.18	1.18

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5290MHz

Ch Freq
5.29GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



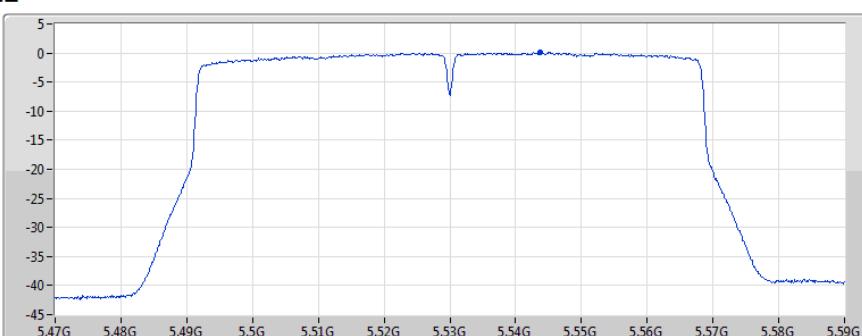
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.66	-2.66	-2.66

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5530MHz

Ch Freq
5.53GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.18	0.18	0.18

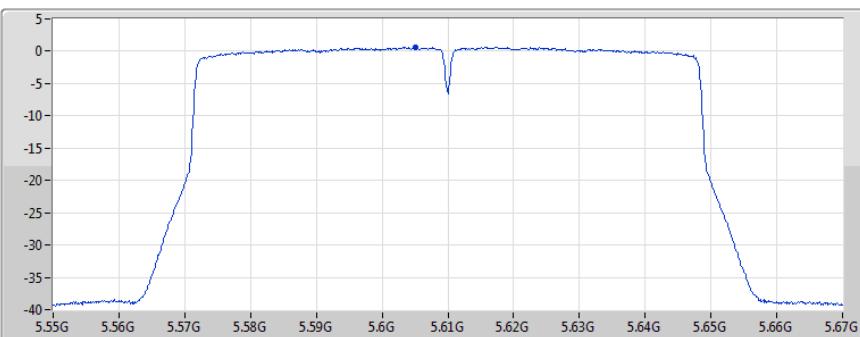


802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5610MHz

Ch Freq
5.61GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



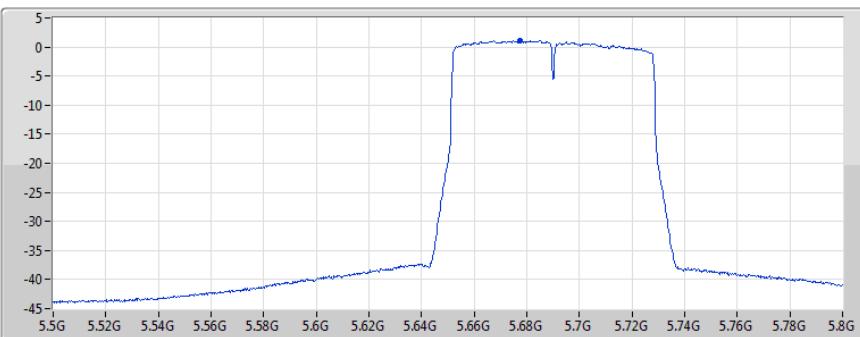
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.69	0.69	0.69

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.47-5.725GHz

Ch Freq
5.65GHz
Span
300MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



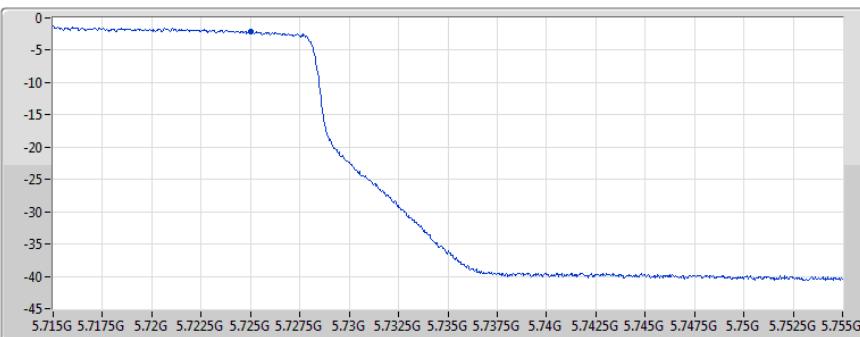
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.15	1.15	1.15

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.08	-2.08	-2.08

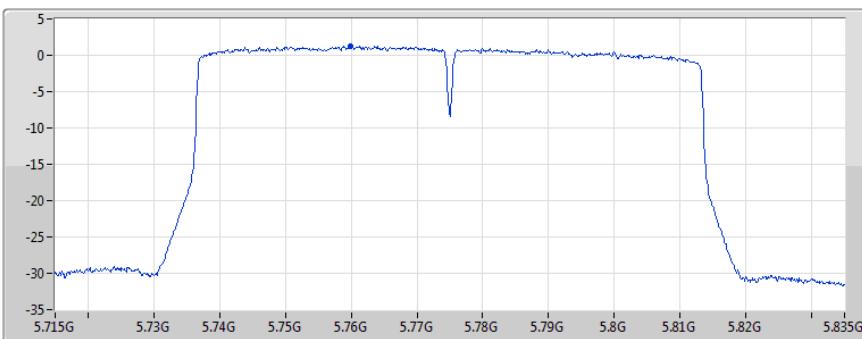


802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5775MHz

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

Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.24	1.24	1.24



For Set 3 antennas / 2TX:
<For Non-Beamforming Mode>
Summary

Mode	PD (dBm/RBW)
802.11a_(6Mbps)_2TX	-
5.15-5.25GHz	11.68
5.25-5.35GHz	5.92
5.47-5.725GHz	5.97
5.725-5.85GHz	10.02
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5.15-5.25GHz	11.65
5.25-5.35GHz	5.97
5.47-5.725GHz	5.98
5.725-5.85GHz	9.81
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5.15-5.25GHz	8.83
5.25-5.35GHz	4.78
5.47-5.725GHz	4.51
5.725-5.85GHz	7.35
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5.15-5.25GHz	0.23
5.25-5.35GHz	-3.26
5.47-5.725GHz	0.95
5.725-5.85GHz	3.66

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	11.00	7.95	8.35	11.06	12.00
5200MHz	Pass	11.00	8.02	8.41	11.23	12.00
5240MHz	Pass	11.00	8.44	9.01	11.68	12.00
5260MHz	Pass	11.00	2.45	3.19	5.76	6.00
5300MHz	Pass	11.00	2.69	3.42	5.75	6.00
5320MHz	Pass	11.00	3.16	3.49	5.92	6.00
5500MHz	Pass	11.00	2.89	2.98	5.82	6.00
5580MHz	Pass	11.00	2.88	3.01	5.85	6.00
5700MHz	Pass	11.00	2.83	3.10	5.97	6.00
5720MHz Straddle 5.47-5.725GHz	Pass	11.00	2.83	2.64	5.67	6.00
5720MHz Straddle 5.725-5.85GHz	Pass	11.00	0.70	0.46	3.59	25.00
5745MHz	Pass	11.00	6.78	6.92	9.84	25.00
5785MHz	Pass	11.00	6.93	7.21	10.02	25.00
5825MHz	Pass	11.00	6.74	6.99	9.83	25.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	11.00	8.14	8.23	11.13	12.00
5200MHz	Pass	11.00	7.98	8.27	11.09	12.00
5240MHz	Pass	11.00	8.30	9.05	11.65	12.00
5260MHz	Pass	11.00	2.23	3.29	5.78	6.00
5300MHz	Pass	11.00	2.21	3.69	5.97	6.00
5320MHz	Pass	11.00	2.07	3.24	5.61	6.00
5500MHz	Pass	11.00	2.97	2.56	5.76	6.00
5580MHz	Pass	11.00	3.20	2.57	5.85	6.00
5700MHz	Pass	11.00	2.97	2.99	5.98	6.00
5720MHz Straddle 5.47-5.725GHz	Pass	11.00	3.00	2.78	5.88	6.00
5720MHz Straddle 5.725-5.85GHz	Pass	11.00	1.03	0.91	3.97	25.00
5745MHz	Pass	11.00	6.66	6.76	9.66	25.00
5785MHz	Pass	11.00	6.56	7.11	9.81	25.00
5825MHz	Pass	11.00	6.50	7.08	9.77	25.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	11.00	2.55	2.80	5.64	12.00
5230MHz	Pass	11.00	5.56	6.14	8.83	12.00
5270MHz	Pass	11.00	1.34	2.27	4.78	6.00
5310MHz	Pass	11.00	-0.51	0.27	2.59	6.00
5510MHz	Pass	11.00	0.96	0.68	3.70	6.00
5550MHz	Pass	11.00	1.18	0.69	3.75	6.00
5670MHz	Pass	11.00	1.10	1.30	4.05	6.00
5710MHz Straddle 5.47-5.725GHz	Pass	11.00	1.56	1.51	4.51	6.00
5710MHz Straddle 5.725-5.85GHz	Pass	11.00	-1.38	-1.59	1.49	25.00
5755MHz	Pass	11.00	4.49	4.38	7.33	25.00
5795MHz	Pass	11.00	4.33	4.58	7.35	25.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-

**FCC Test Report****Report No. : FR760613AC**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5210MHz	Pass	11.00	-2.97	-2.43	0.23	12.00
5290MHz	Pass	11.00	-6.55	-5.59	-3.26	6.00
5530MHz	Pass	11.00	-4.00	-4.02	-1.05	6.00
5610MHz	Pass	11.00	-2.03	-1.97	0.95	6.00
5690MHz Straddle 5.47-5.725GHz	Pass	11.00	-2.09	-1.89	0.93	6.00
5690MHz Straddle 5.725-5.85GHz	Pass	11.00	-4.18	-3.88	-1.05	25.00
5775MHz	Pass	11.00	0.64	0.67	3.66	25.00

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

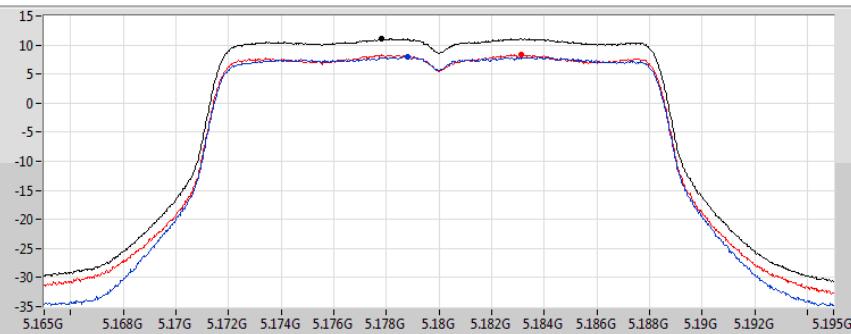


802.11a_(6Mbps)_2TX

PSD

5180MHz

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



Sum
Port 1
Port 2

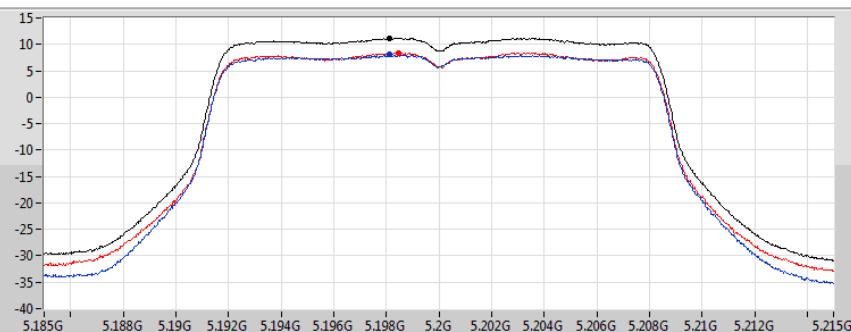
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.06	11.06	7.95	8.35

802.11a_(6Mbps)_2TX

PSD

5200MHz

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



Sum
Port 1
Port 2

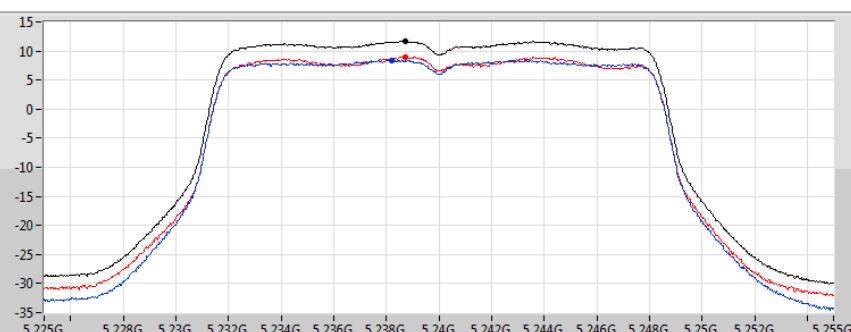
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.23	11.23	8.02	8.41

802.11a_(6Mbps)_2TX

PSD

5240MHz

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.68	11.68	8.44	9.01

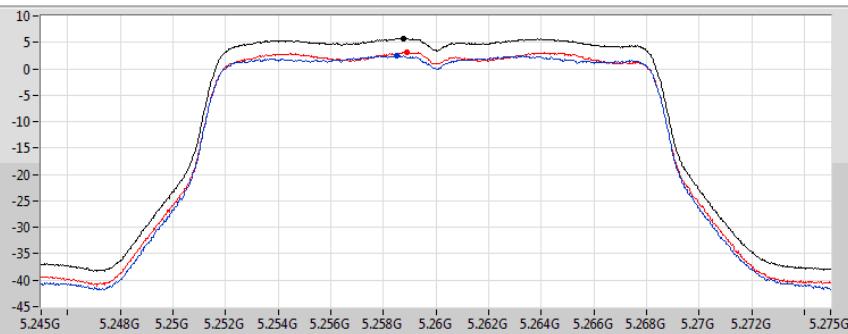


802.11a_(6Mbps)_2TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

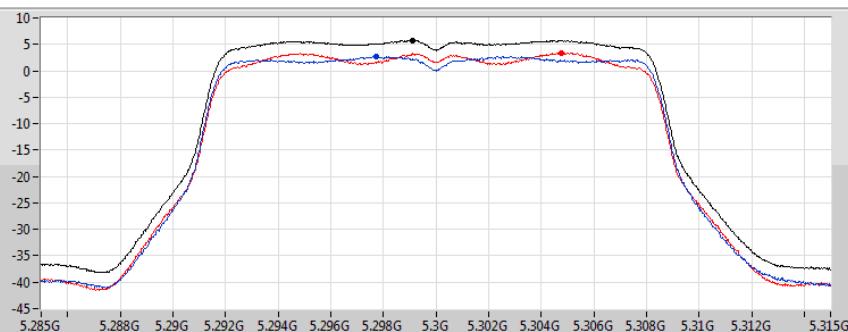
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.76	5.76	2.45	3.19

802.11a_(6Mbps)_2TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

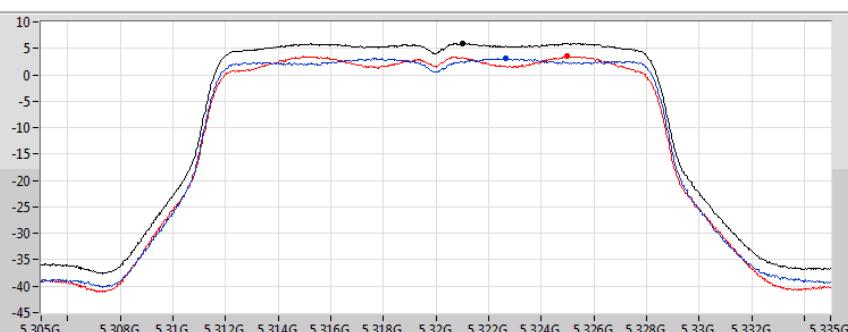
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.75	5.75	2.69	3.42

802.11a_(6Mbps)_2TX

PSD

5320MHz

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.92	5.92	3.16	3.49

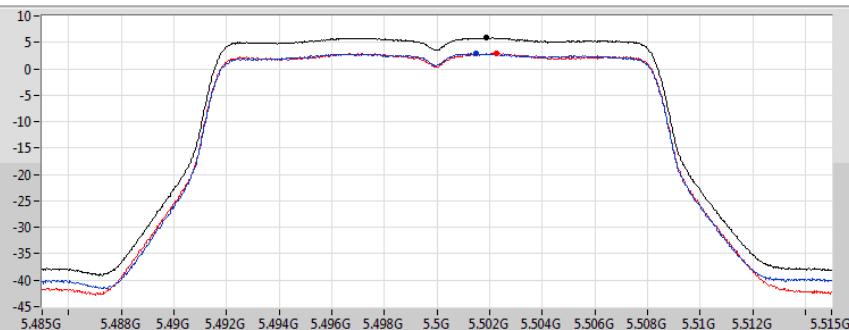


802.11a_(6Mbps)_2TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

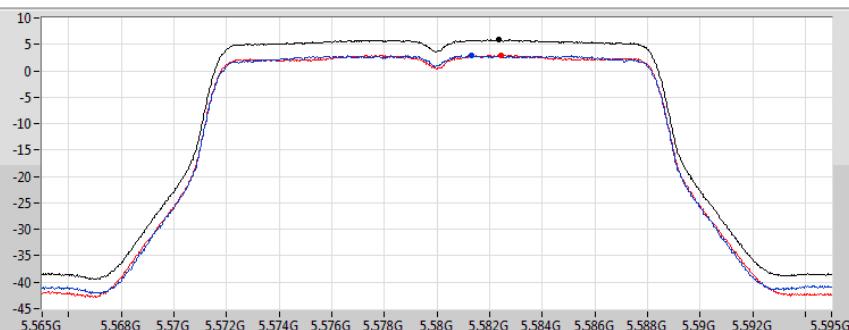
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.82	5.82	2.89	2.98

802.11a_(6Mbps)_2TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

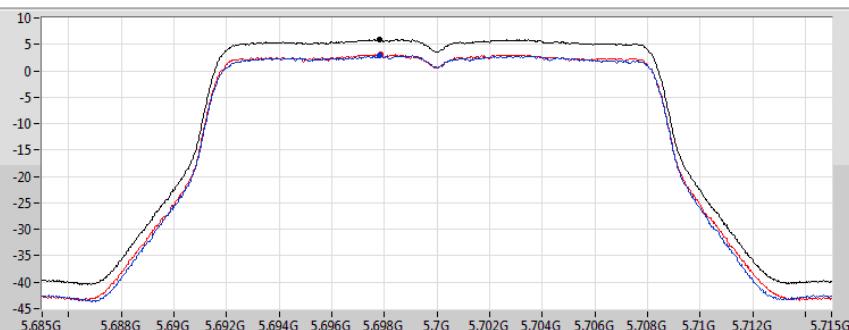
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.85	5.85	2.88	3.01

802.11a_(6Mbps)_2TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.97	5.97	2.83	3.10

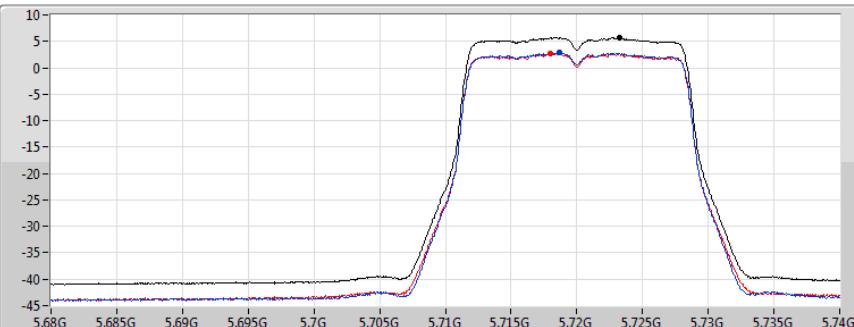


802.11a_(6Mbps)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

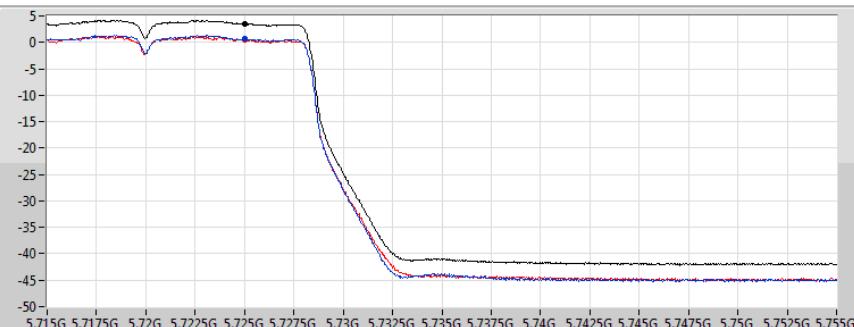
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.67	5.67	2.83	2.64

802.11a_(6Mbps)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

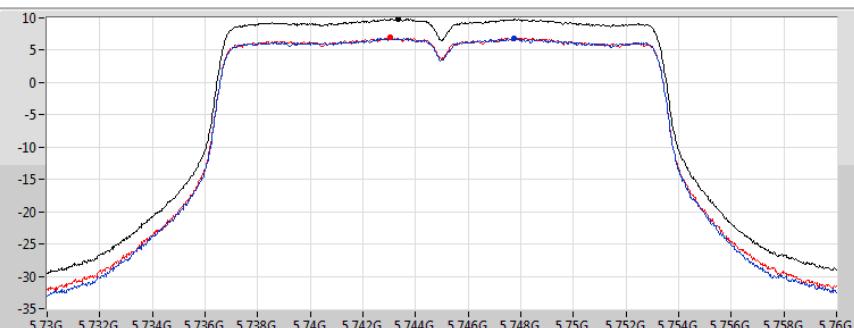
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.59	3.59	0.70	0.46

802.11a_(6Mbps)_2TX

PSD

5745MHz

Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.84	9.84	6.78	6.92

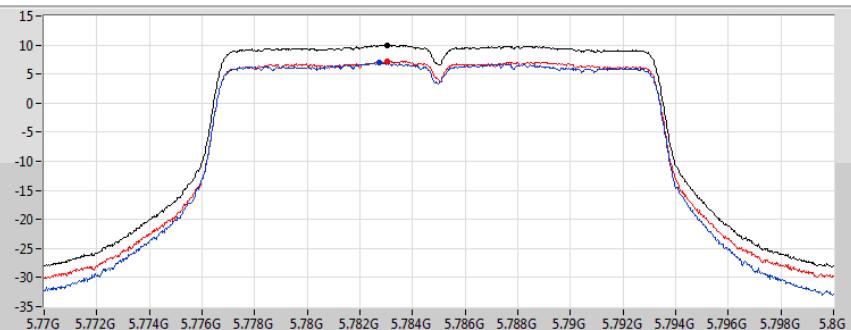


802.11a_(6Mbps)_2TX

PSD

5785MHz

Ch Freq
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

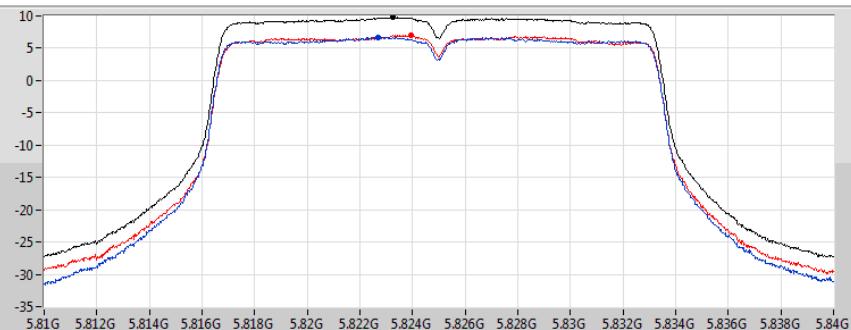
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.02	10.02	6.93	7.21

802.11a_(6Mbps)_2TX

PSD

5825MHz

Ch Freq
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

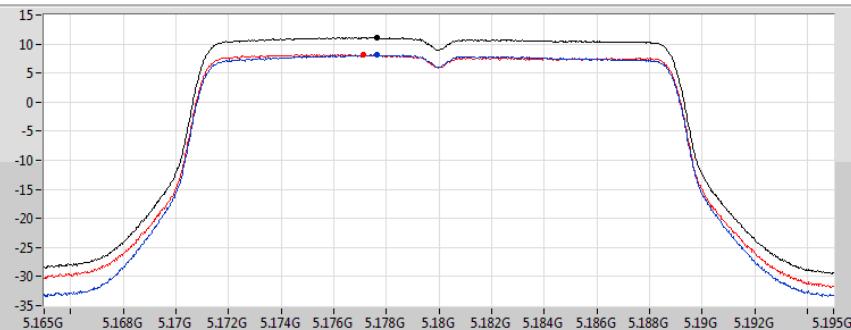
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.83	9.83	6.74	6.99

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5180MHz

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.13	11.13	8.14	8.23

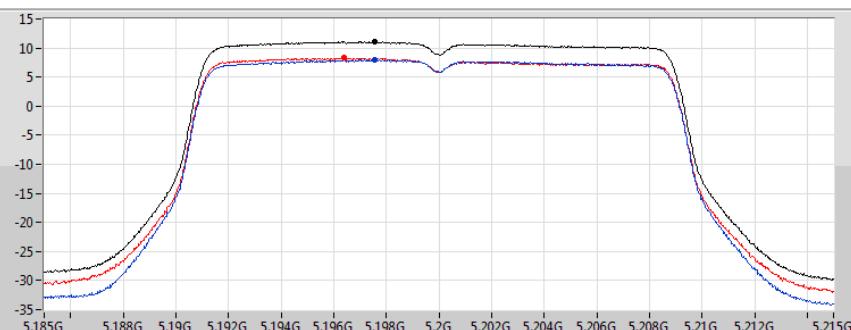


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5200MHz

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



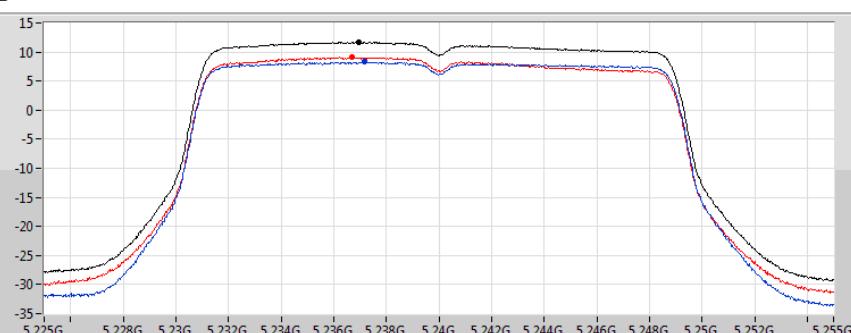
Sum
Port 1
Port 2

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5240MHz

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



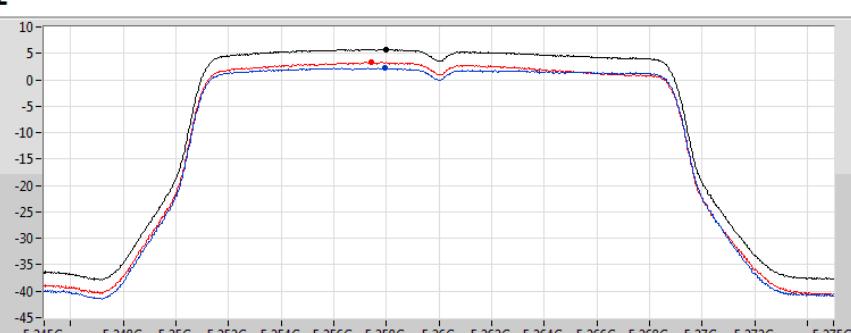
Sum
Port 1
Port 2

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

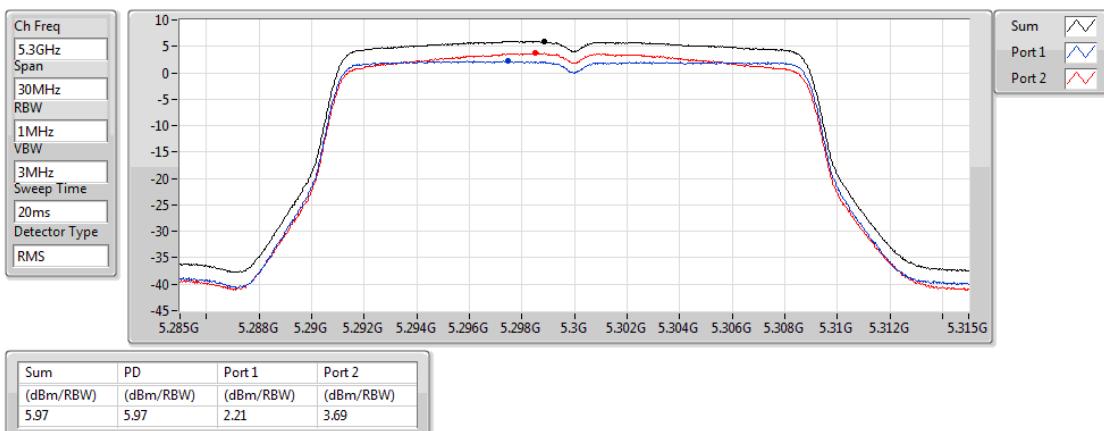
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.09	11.09	7.98	8.27



802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

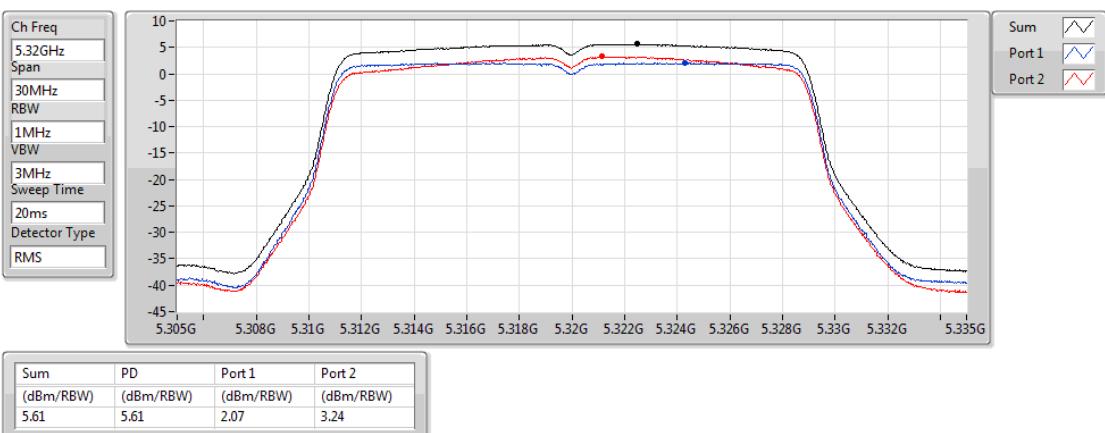
5300MHz



802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

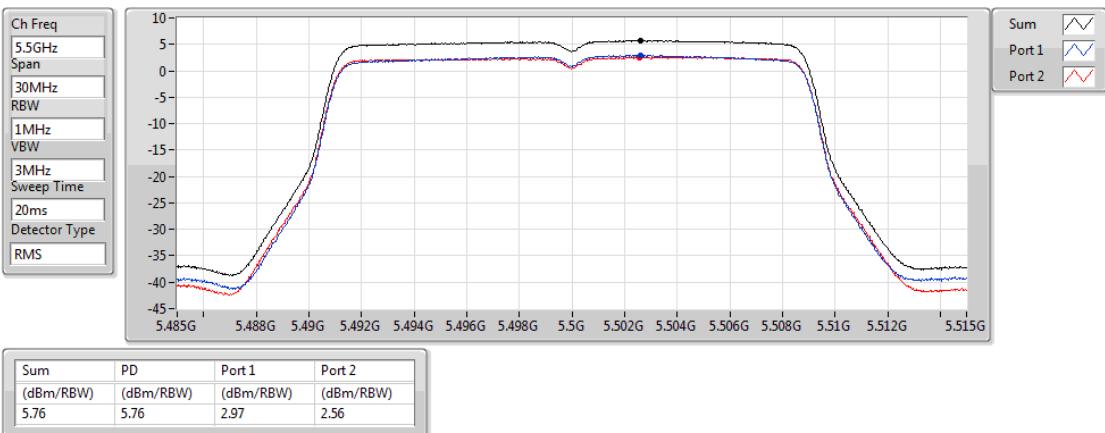
5320MHz



802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5500MHz



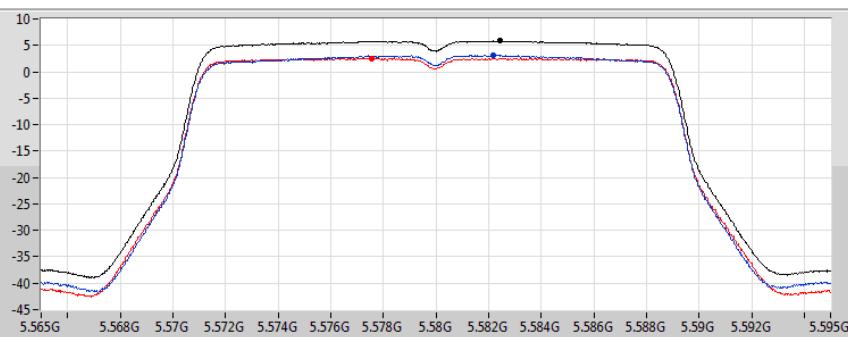


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum PD Port 1 Port 2

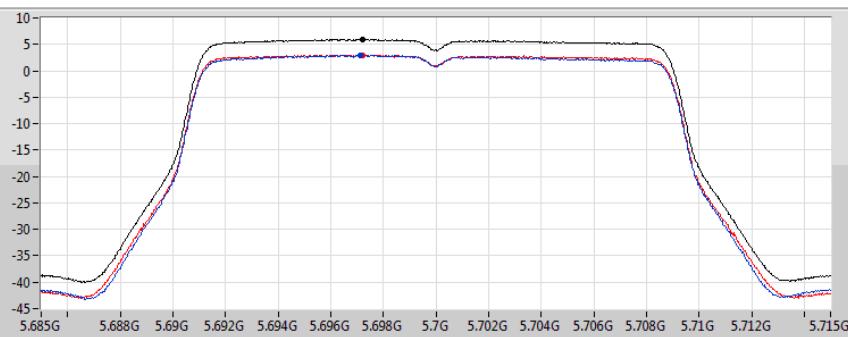
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.85	5.85	3.20	2.57

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

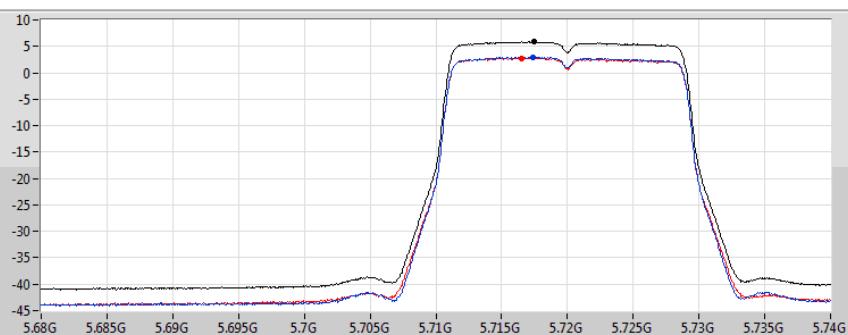
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.98	5.98	2.97	2.99

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

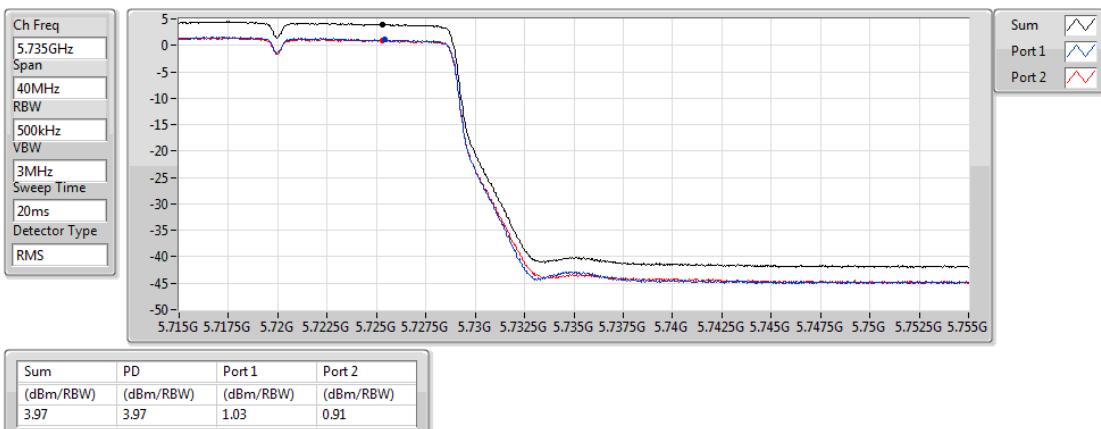
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.88	5.88	3.00	2.78



802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

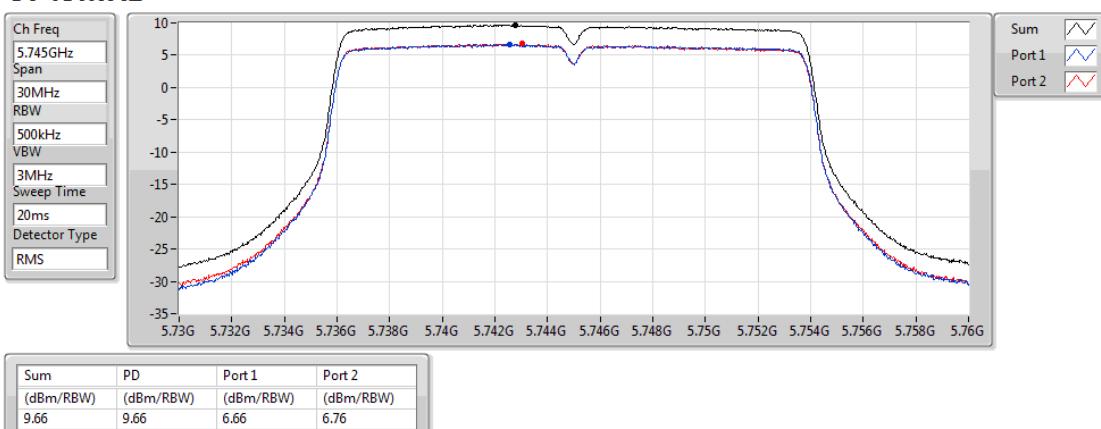
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

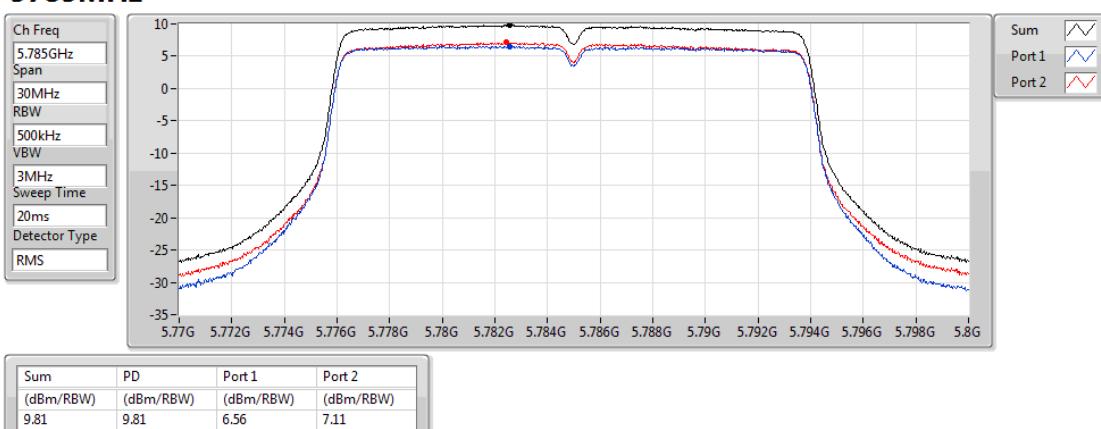
5745MHz



802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5785MHz

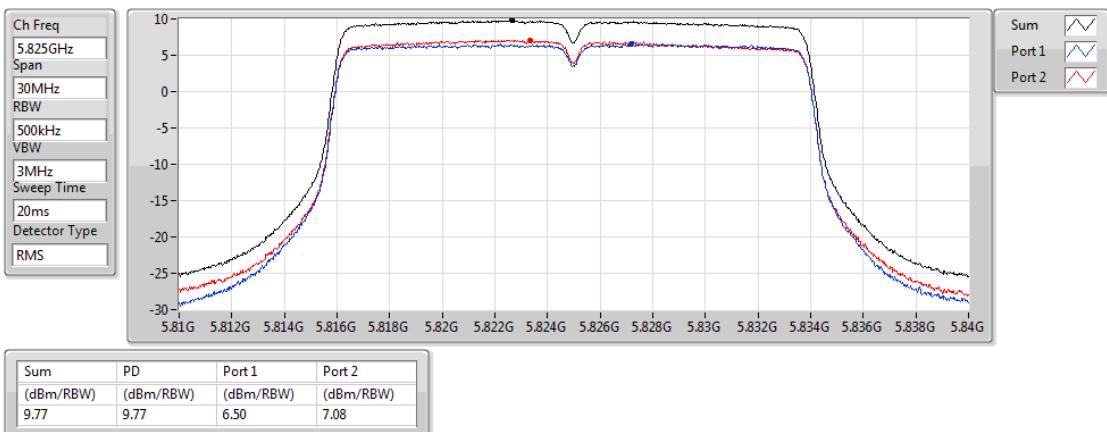




802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

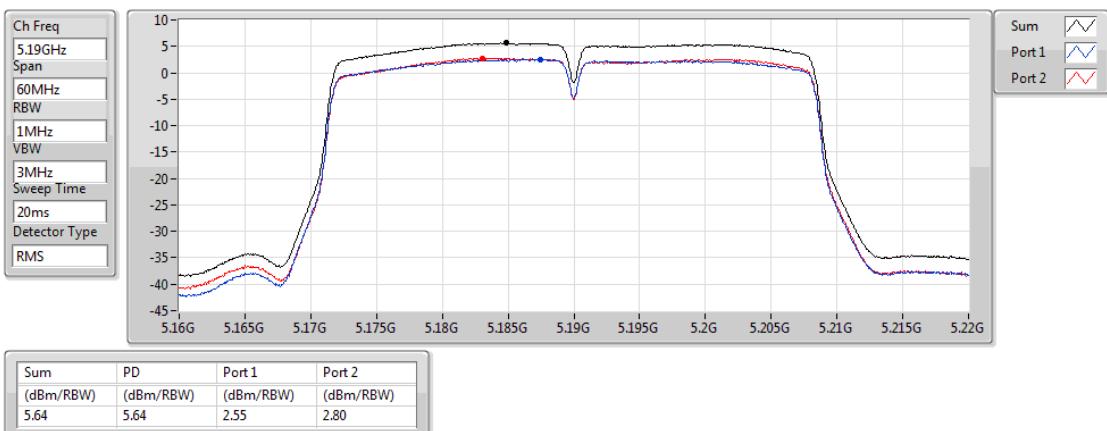
5825MHz



802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

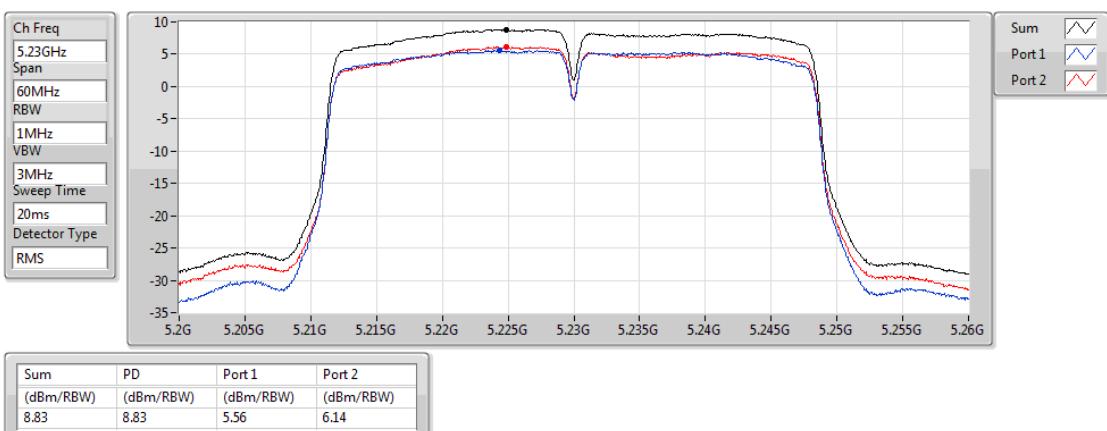
5190MHz



802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5230MHz

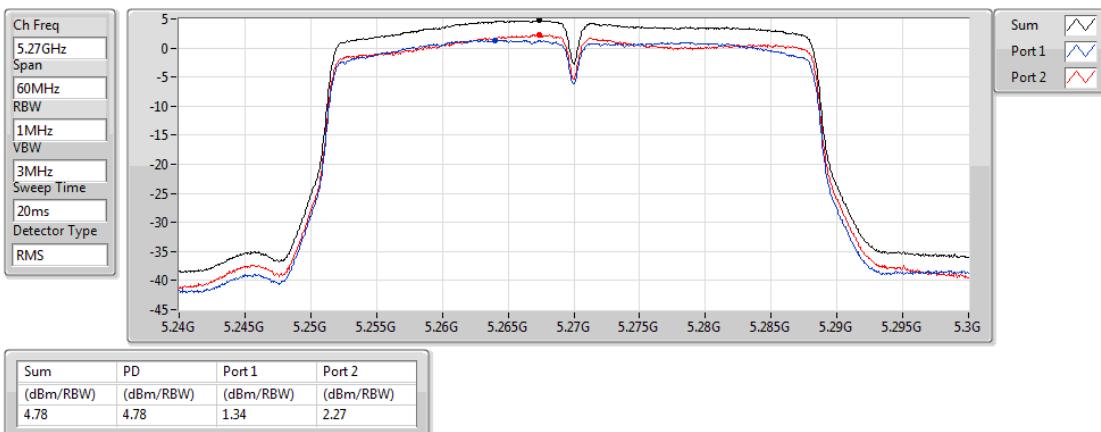




802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

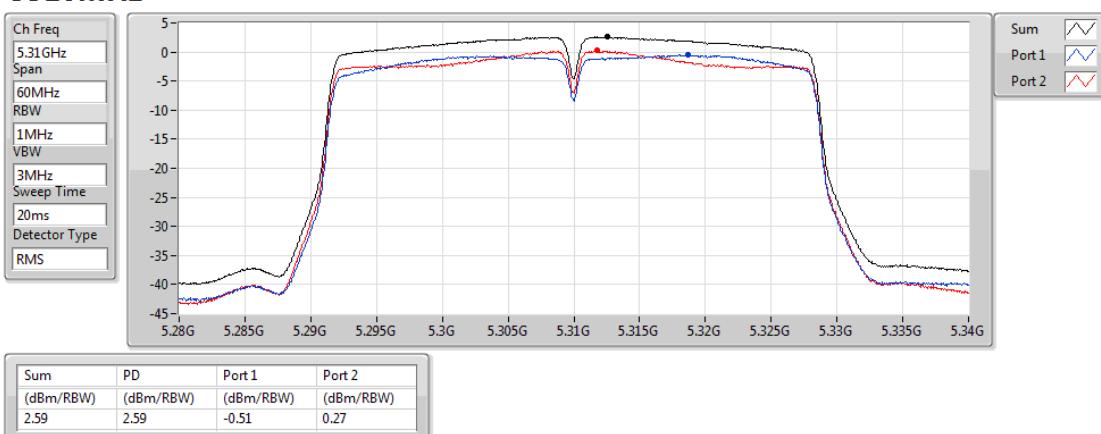
5270MHz



802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

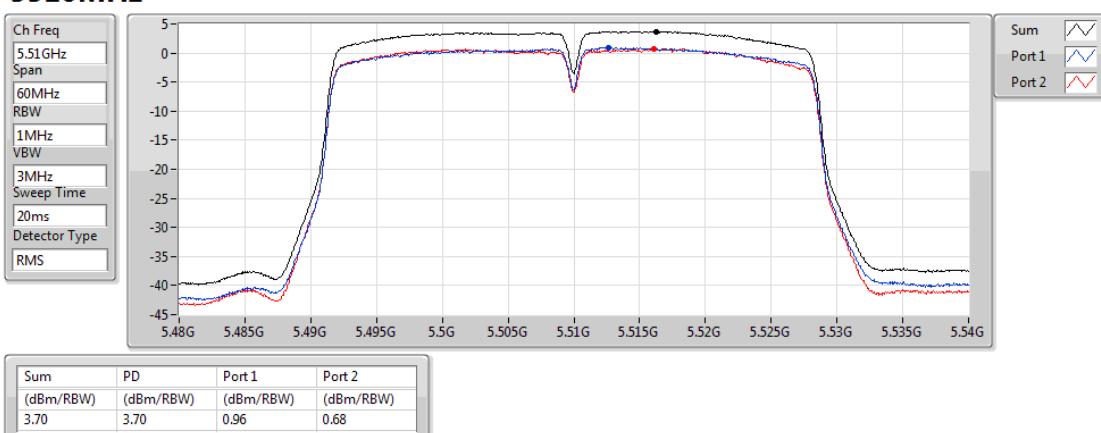
5310MHz



802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5510MHz



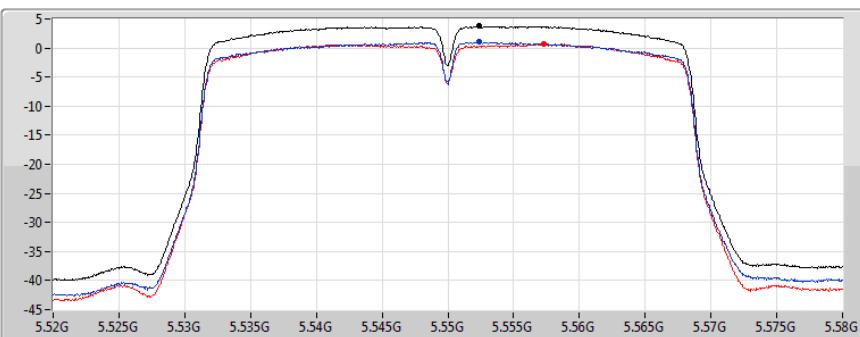


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5550MHz

Ch Freq
5.55GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



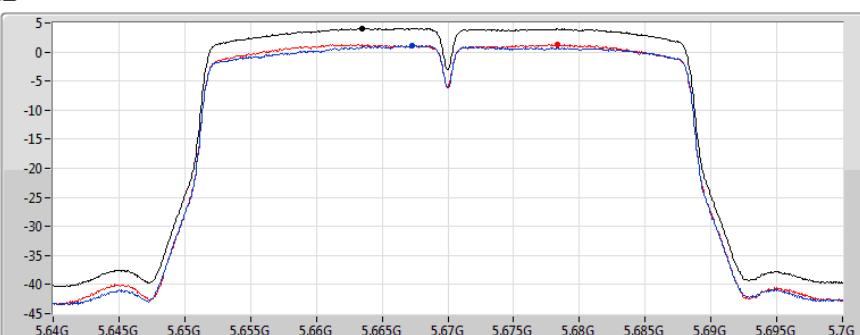
Sum
Port 1
Port 2

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5670MHz

Ch Freq
5.67GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



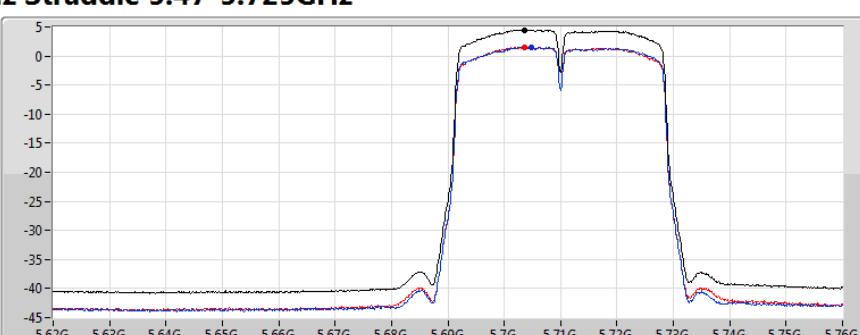
Sum
Port 1
Port 2

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

Ch Freq
5.69GHz
Span
140MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

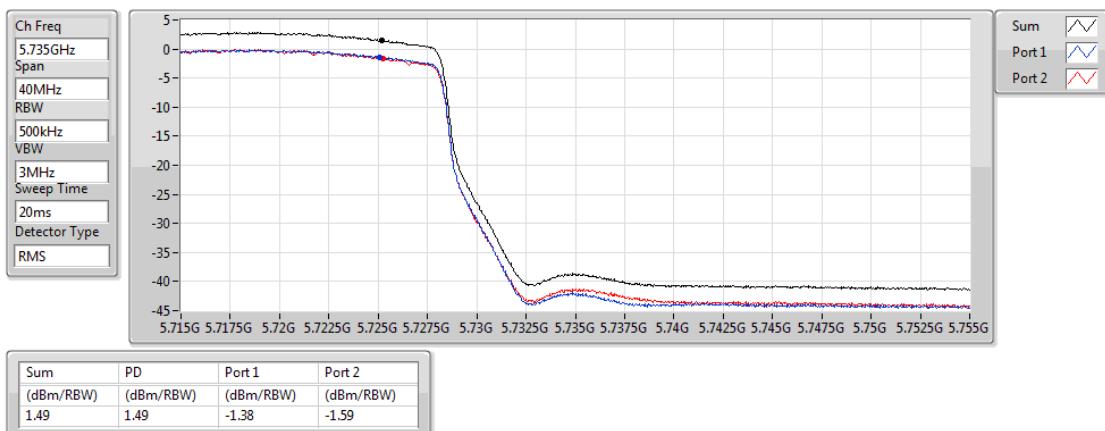
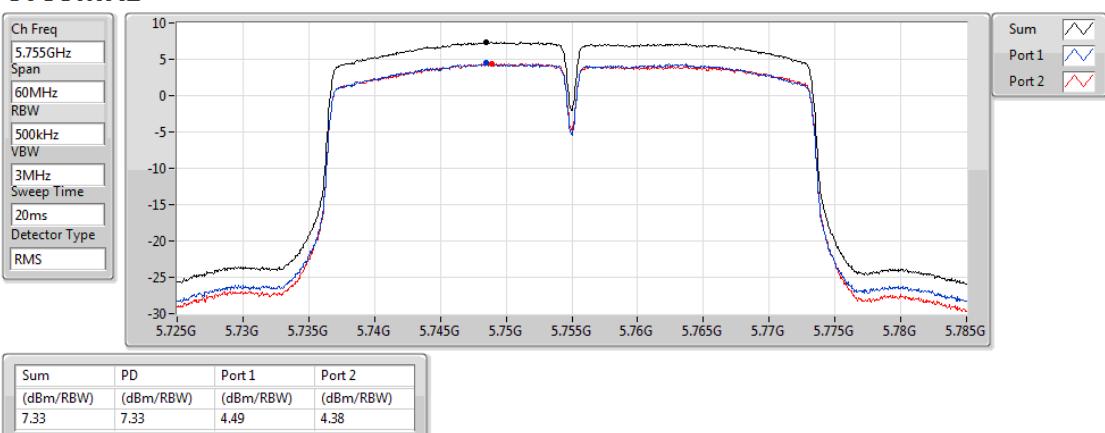
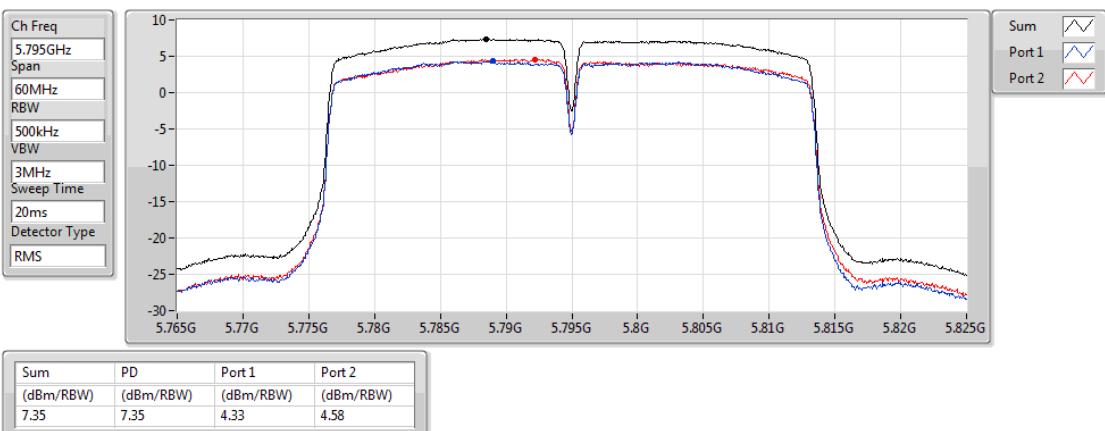


Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.75	3.75	1.18	0.69

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.05	4.05	1.10	1.30

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.51	4.51	1.56	1.51

**802.11ac VHT40_Nss1,(MCS0)_2TX
5710MHz Straddle 5.725-5.85GHz****PSD****802.11ac VHT40_Nss1,(MCS0)_2TX
5755MHz****PSD****802.11ac VHT40_Nss1,(MCS0)_2TX
5795MHz****PSD**

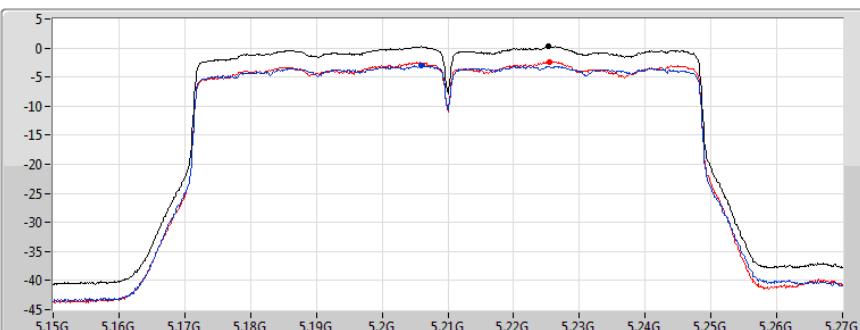


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5210MHz

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



Sum
Port 1
Port 2

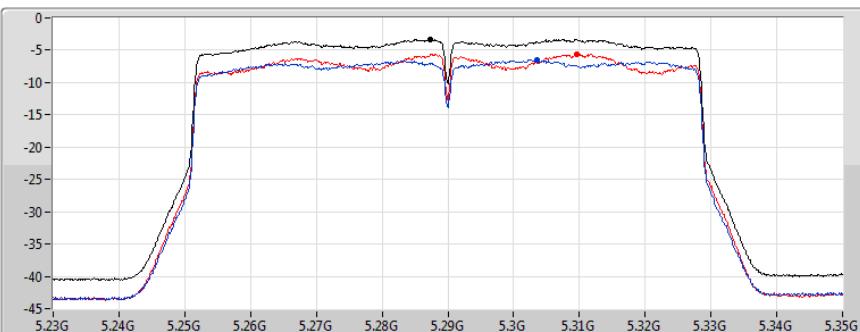
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.23	0.23	-2.97	-2.43

802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5290MHz

Ch Freq
5.29GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

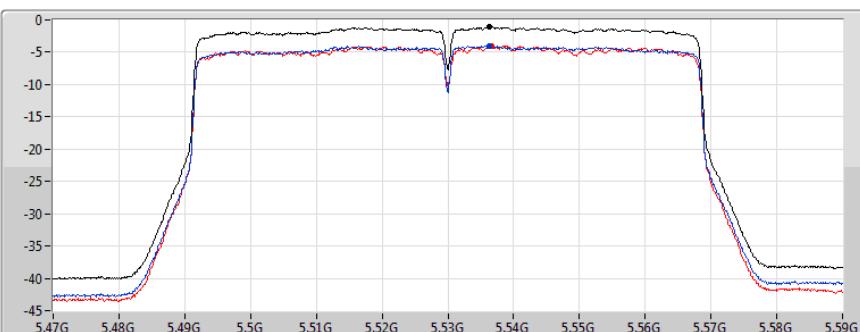
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.26	-3.26	-6.55	-5.59

802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5530MHz

Ch Freq
5.53GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

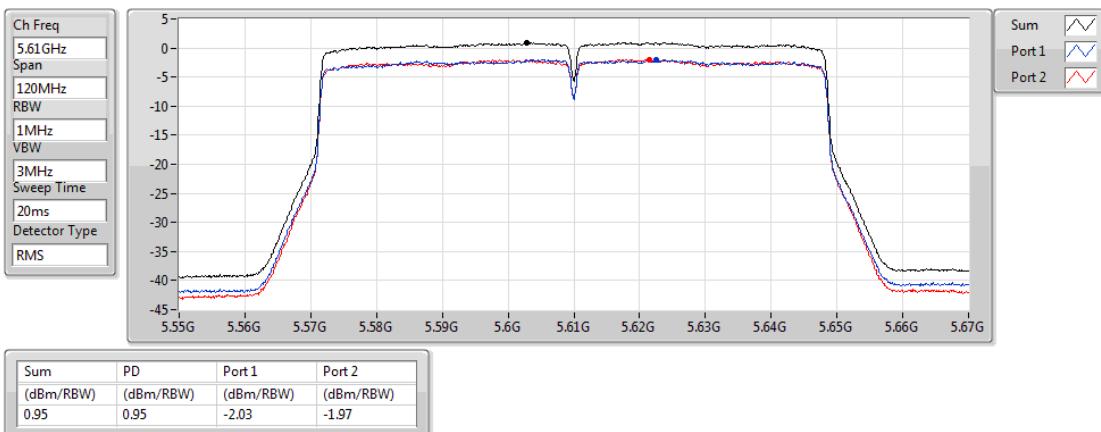
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.05	-1.05	-4.00	-4.02



802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

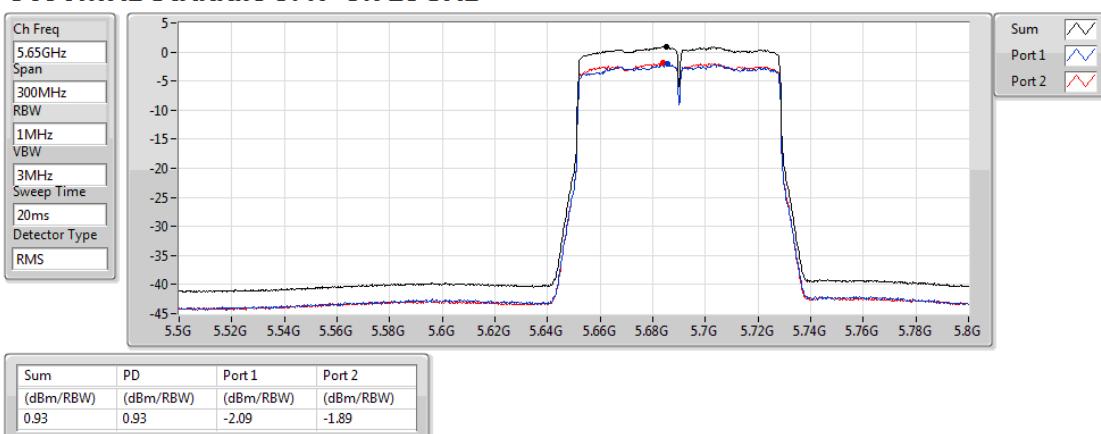
5610MHz



802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

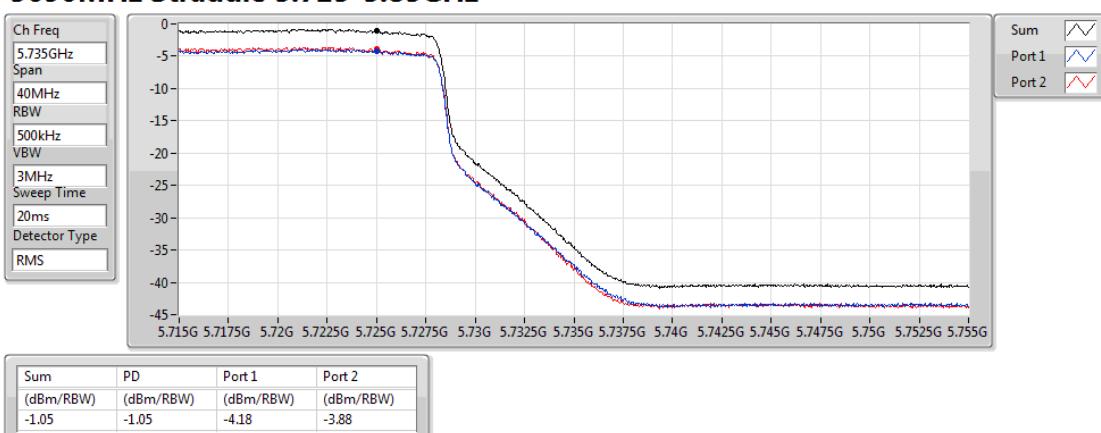
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz



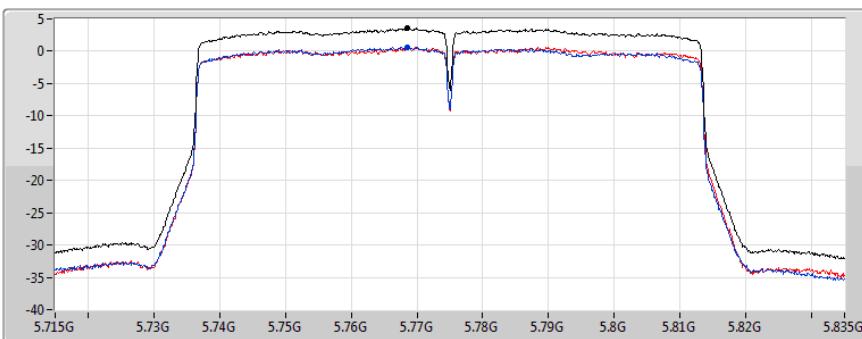


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5775MHz

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.66	3.66	0.64	0.67



<For Beamforming Mode>

Summary

Mode	PD (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-
5.15-5.25GHz	11.18
5.25-5.35GHz	5.90
5.47-5.725GHz	5.44
5.725-5.85GHz	9.31
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-
5.15-5.25GHz	8.48
5.25-5.35GHz	3.33
5.47-5.725GHz	3.34
5.725-5.85GHz	6.66
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-
5.15-5.25GHz	1.61
5.25-5.35GHz	-2.90
5.47-5.725GHz	-0.91
5.725-5.85GHz	2.39

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	11.00	7.82	7.81	10.81	12.00
5200MHz	Pass	11.00	7.75	7.59	10.62	12.00
5240MHz	Pass	11.00	7.78	8.64	11.18	12.00
5260MHz	Pass	11.00	3.43	2.40	5.90	6.00
5300MHz	Pass	11.00	3.56	2.06	5.85	6.00
5320MHz	Pass	11.00	3.27	1.94	5.57	6.00
5500MHz	Pass	11.00	2.34	2.30	5.31	6.00
5580MHz	Pass	11.00	2.13	2.29	5.17	6.00
5700MHz	Pass	11.00	2.27	2.42	5.32	6.00
5720MHz Straddle 5.47-5.725GHz	Pass	11.00	2.35	2.51	5.44	6.00
5720MHz Straddle 5.725-5.85GHz	Pass	11.00	0.37	0.41	3.31	25.00
5745MHz	Pass	11.00	6.06	5.80	8.91	25.00
5785MHz	Pass	11.00	6.33	5.96	9.14	25.00
5825MHz	Pass	11.00	6.04	6.63	9.31	25.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	11.00	2.84	2.65	5.67	12.00
5230MHz	Pass	11.00	5.82	5.22	8.48	12.00
5270MHz	Pass	11.00	0.78	-0.05	3.33	6.00
5310MHz	Pass	11.00	0.96	0.07	3.22	6.00
5510MHz	Pass	11.00	-0.00	0.06	2.91	6.00
5550MHz	Pass	11.00	-0.27	-0.02	2.72	6.00
5670MHz	Pass	11.00	0.10	-0.32	2.78	6.00
5710MHz Straddle 5.47-5.725GHz	Pass	11.00	0.37	0.41	3.34	6.00
5710MHz Straddle 5.725-5.85GHz	Pass	11.00	-2.00	-2.06	0.89	25.00
5755MHz	Pass	11.00	3.64	3.59	6.53	25.00
5795MHz	Pass	11.00	3.79	3.71	6.66	25.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	11.00	-1.03	-1.52	1.61	12.00
5290MHz	Pass	11.00	-5.20	-4.99	-2.90	6.00
5530MHz	Pass	11.00	-3.05	-3.20	-0.91	6.00
5610MHz	Pass	11.00	-2.99	-3.31	-0.95	6.00
5690MHz Straddle 5.47-5.725GHz	Pass	11.00	-2.94	-3.50	-0.95	6.00
5690MHz Straddle 5.725-5.85GHz	Pass	11.00	-5.19	-5.42	-2.38	25.00
5775MHz	Pass	11.00	0.20	0.26	2.39	25.00

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

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

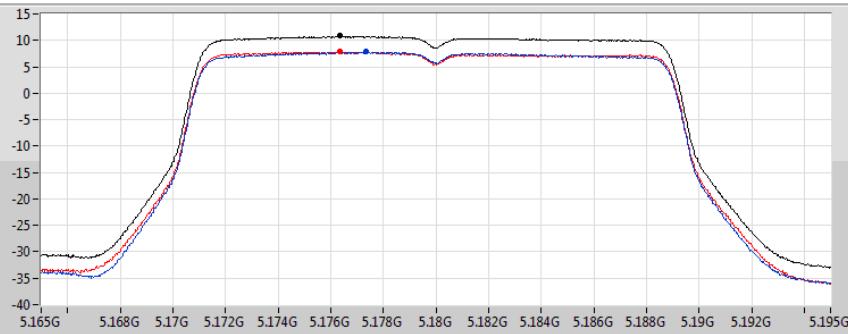


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

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



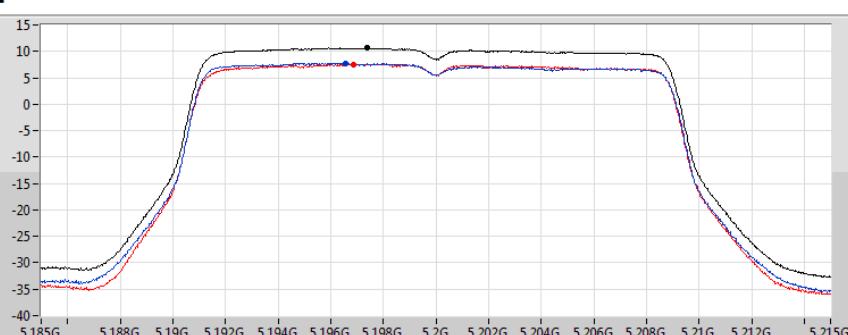
Sum
Port 1
Port 2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

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



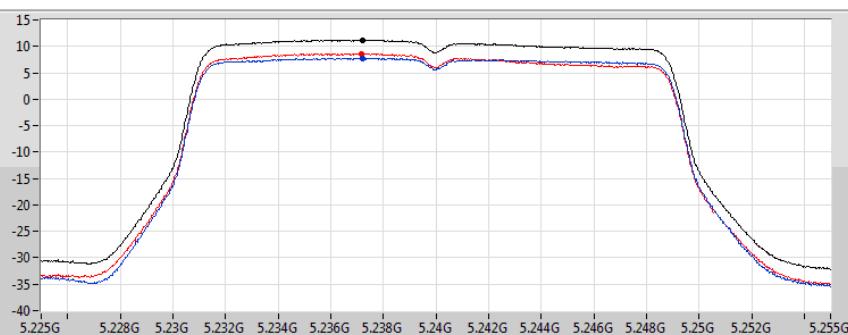
Sum
Port 1
Port 2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.81	10.81	7.82	7.81

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.62	10.62	7.75	7.59

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.18	11.18	7.78	8.64

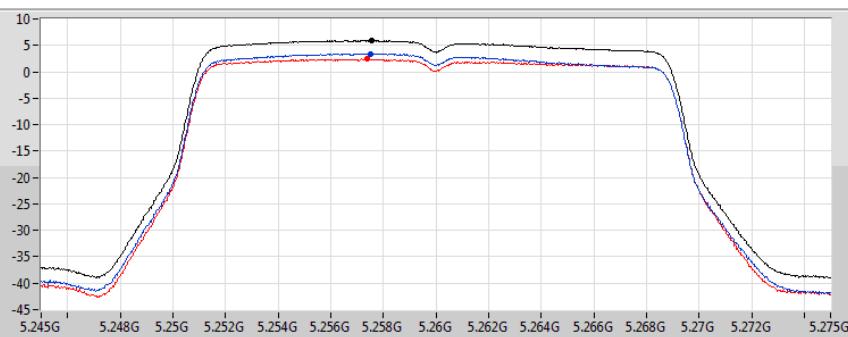


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5260MHz

Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

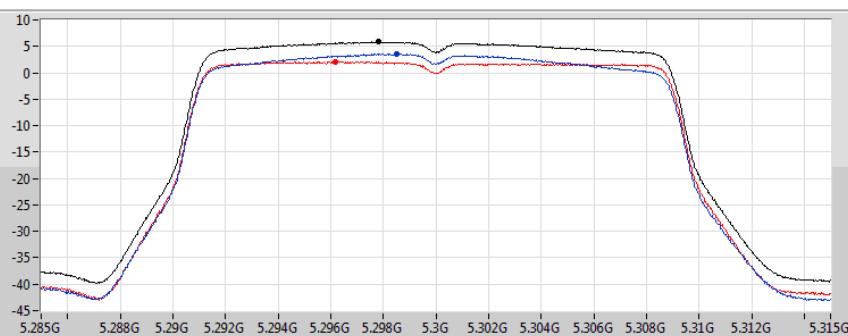
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.90	5.90	3.43	2.40

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5300MHz

Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

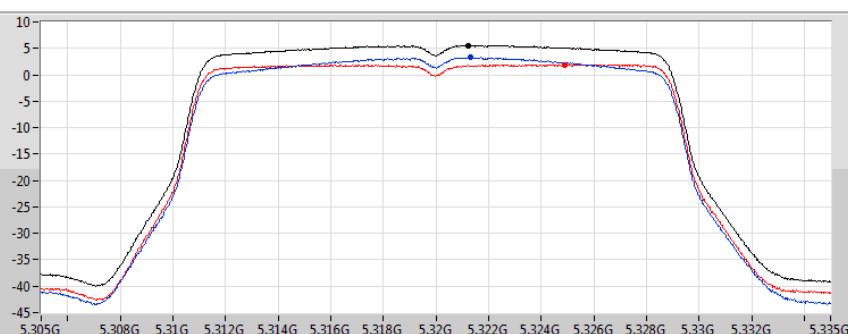
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.85	5.85	3.56	2.06

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5320MHz

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.57	5.57	3.27	1.94

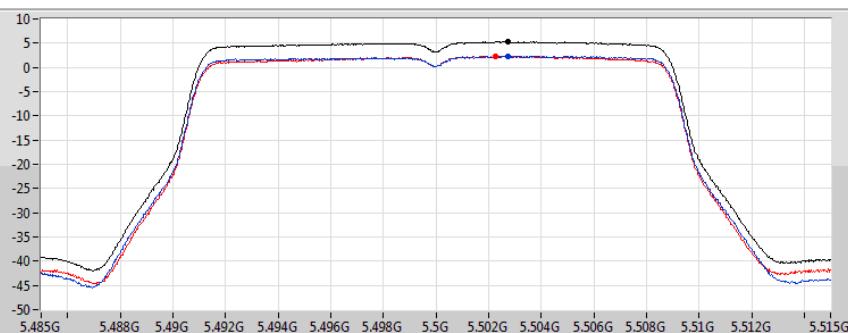


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5500MHz

Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



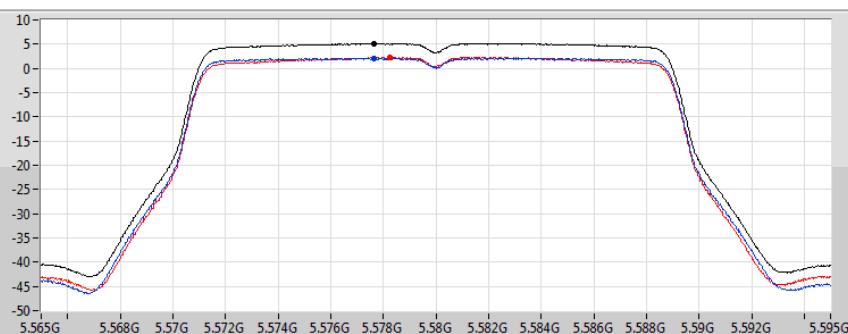
Sum
Port 1
Port 2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5580MHz

Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



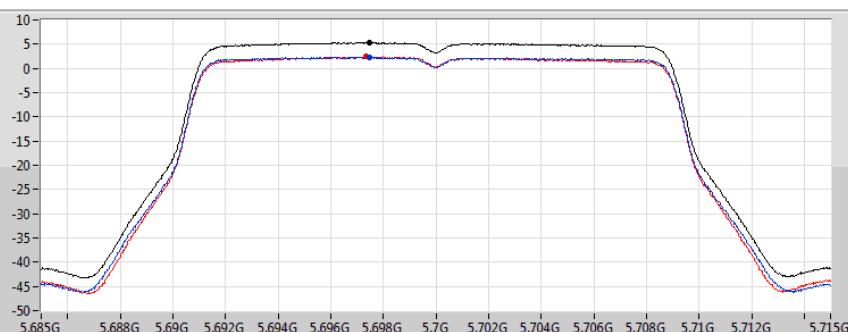
Sum
Port 1
Port 2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5700MHz

Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

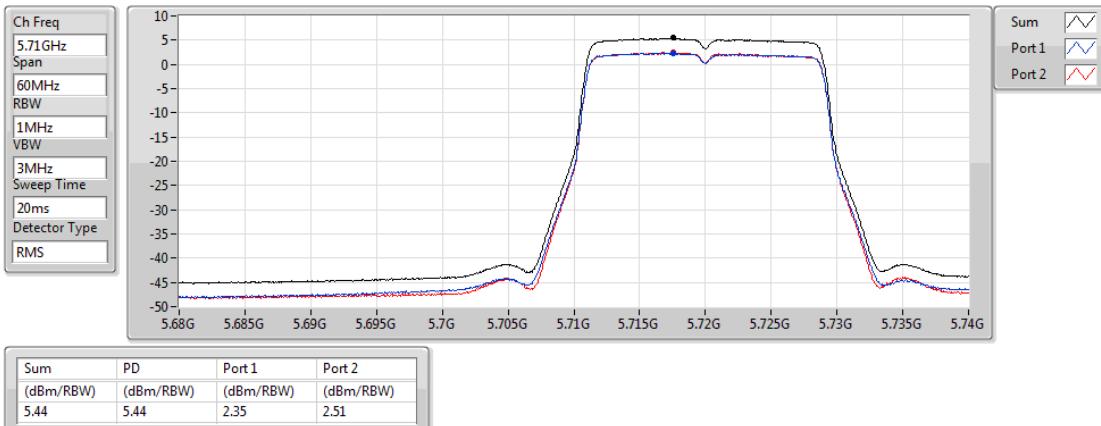
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.31	5.31	2.34	2.30
5.17	5.17	2.13	2.29
5.32	5.32	2.27	2.42



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

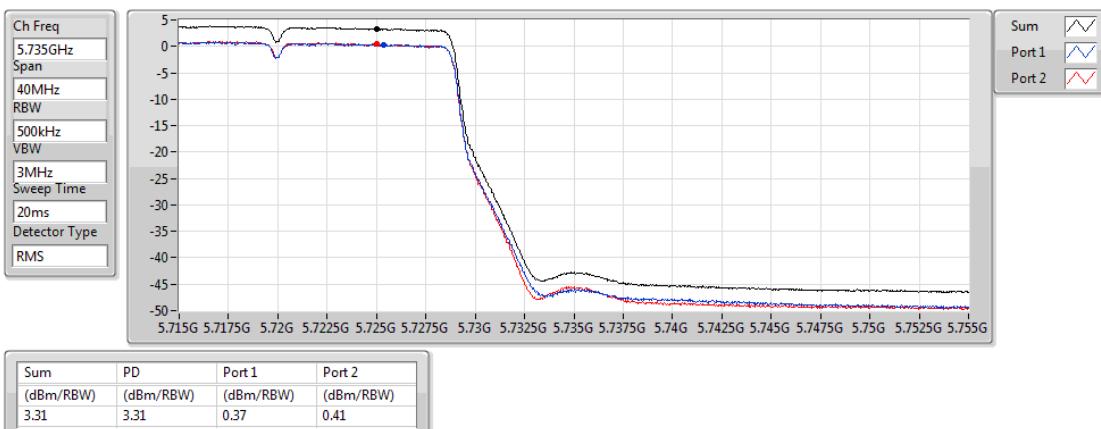
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

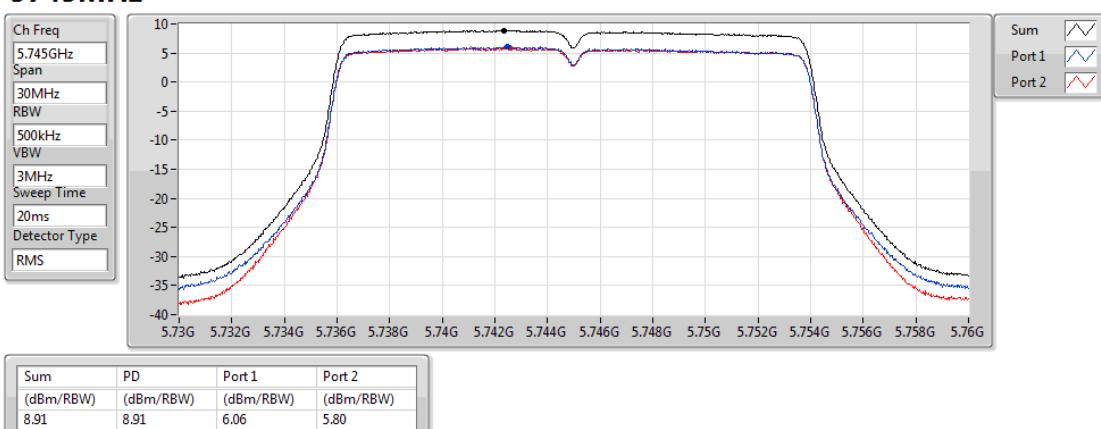
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

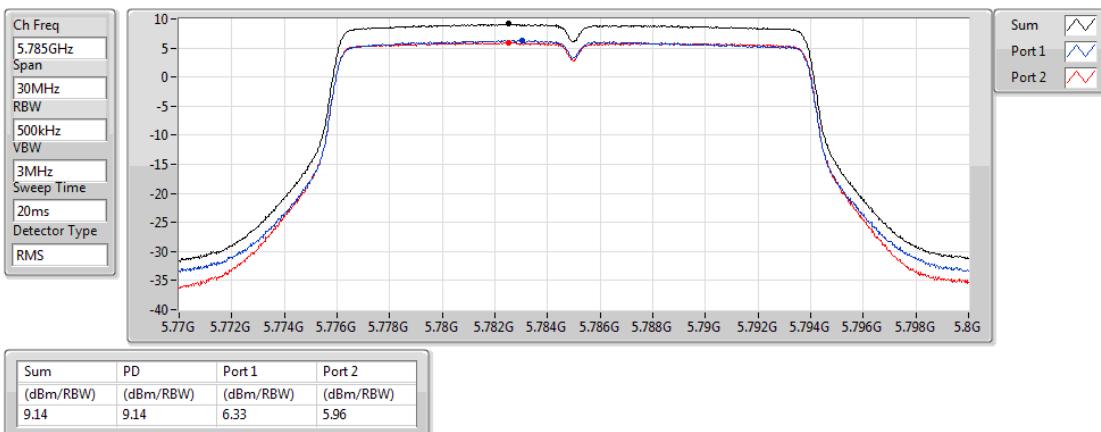




802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

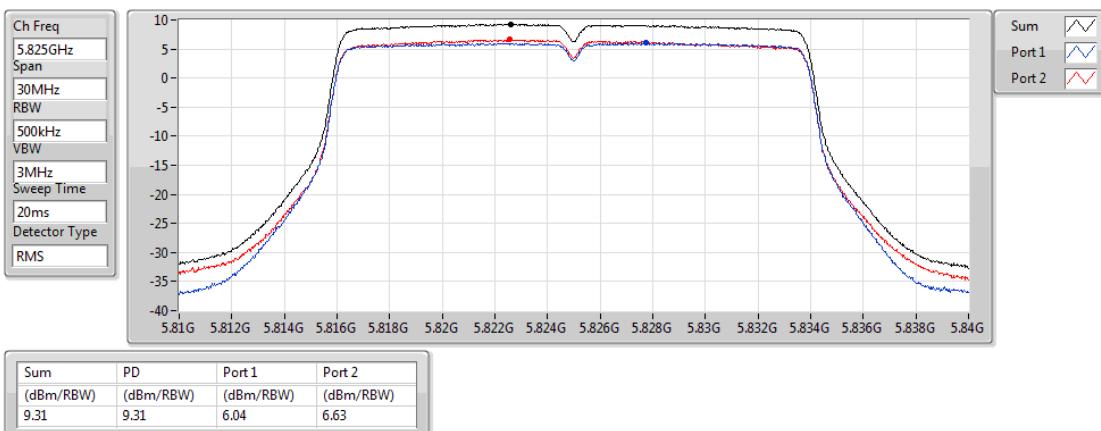
5785MHz



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

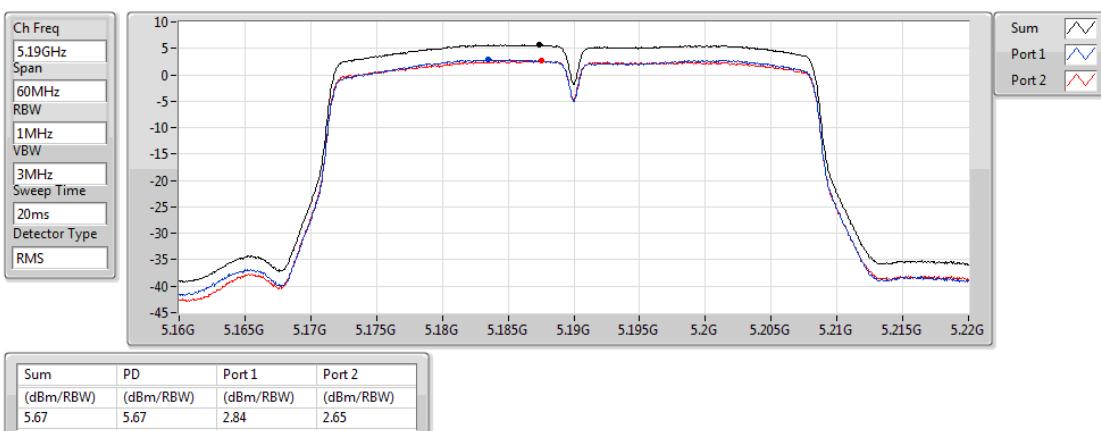
5825MHz



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz



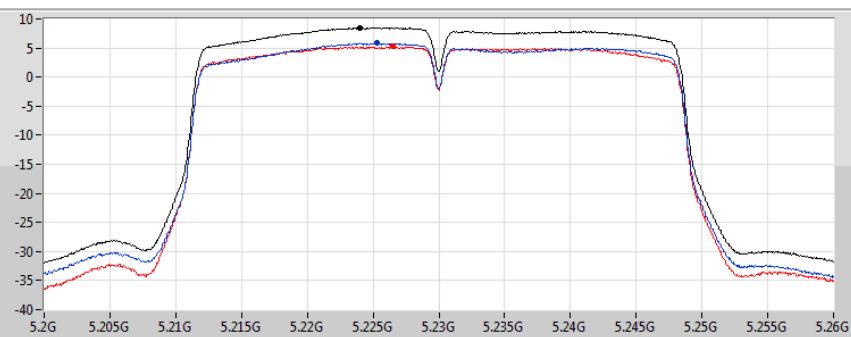


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

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



Sum
Port 1
Port 2

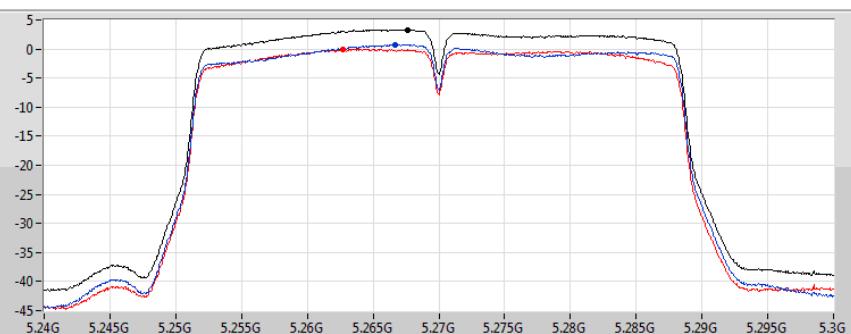
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.48	8.48	5.82	5.22

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5270MHz

Ch Freq
5.27GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

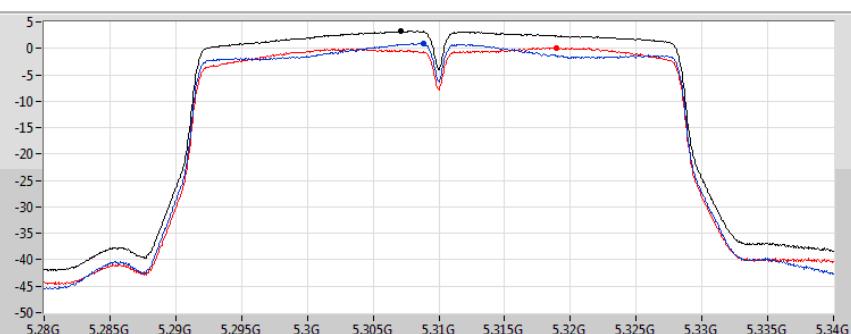
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.33	3.33	0.78	-0.05

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5310MHz

Ch Freq
5.31GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.22	3.22	0.96	0.07

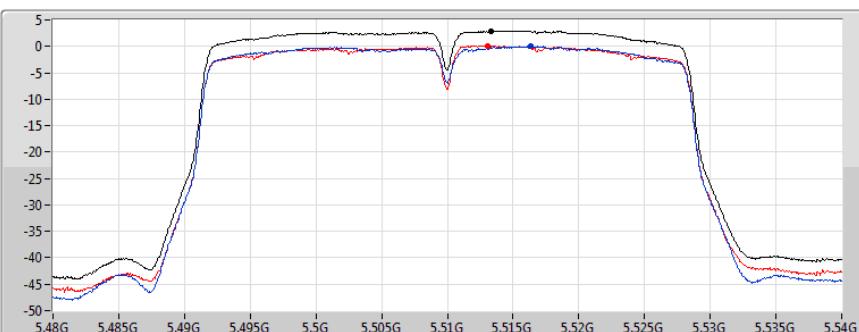


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5510MHz

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



Sum
Port 1
Port 2

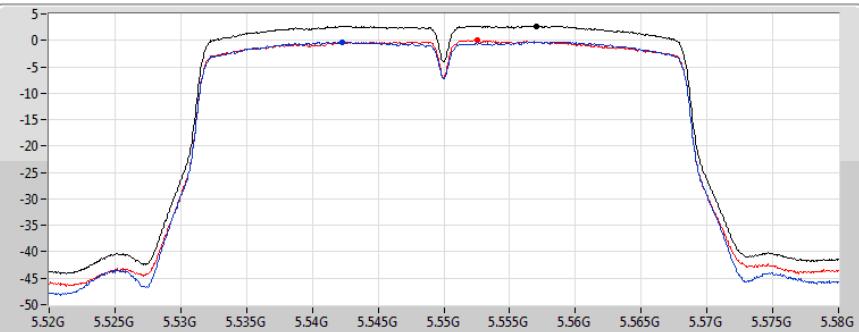
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.91	2.91	-0.00	0.06

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5550MHz

Ch Freq
5.55GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

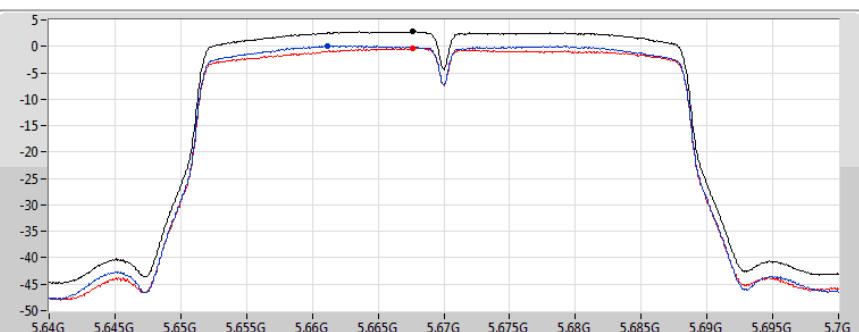
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.72	2.72	-0.27	-0.02

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5670MHz

Ch Freq
5.67GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

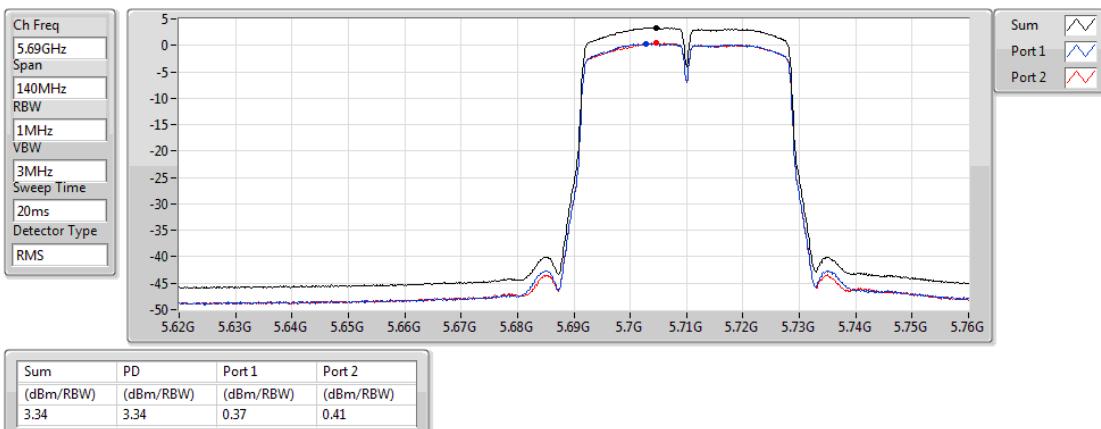
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.78	2.78	0.10	-0.32



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

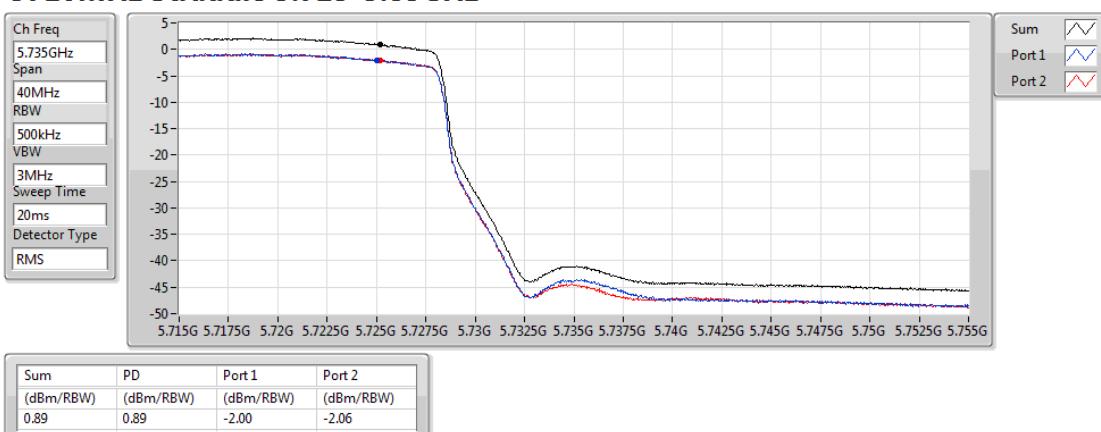
5710MHz Straddle 5.47-5.725GHz



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

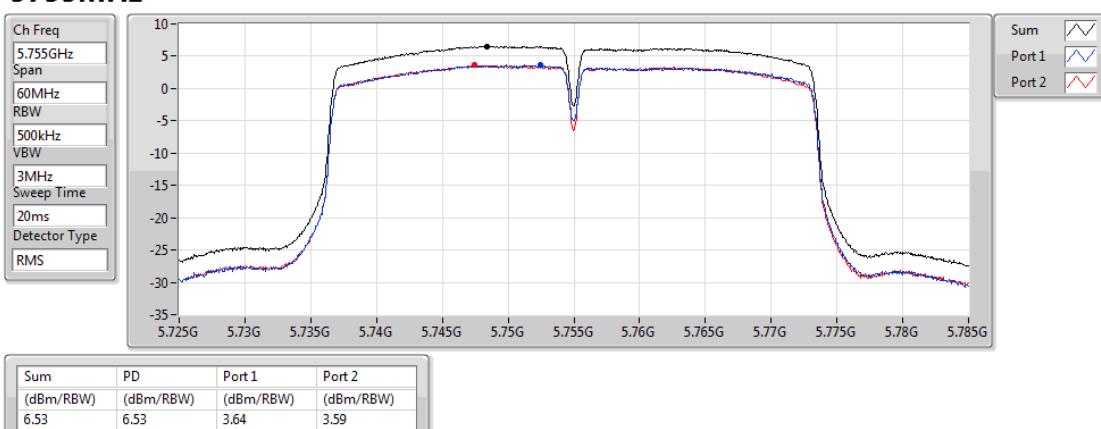
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz



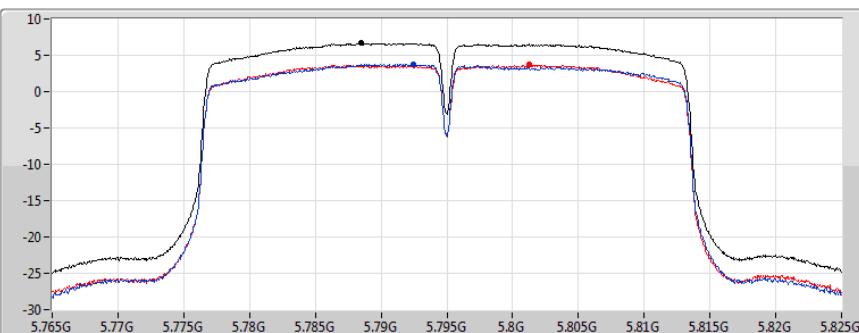


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

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



Sum
Port 1
Port 2

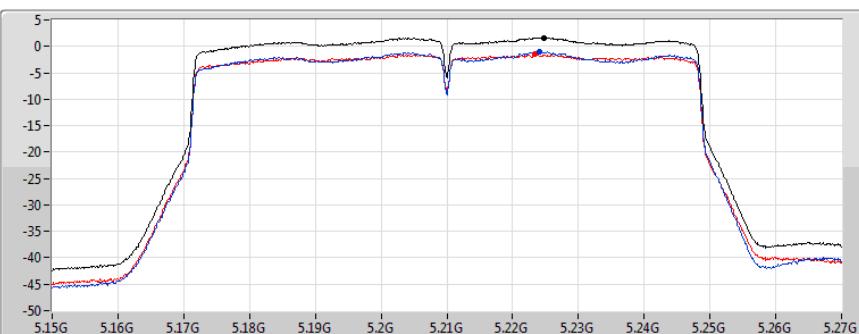
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.66	6.66	3.79	3.71

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

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



Sum
Port 1
Port 2

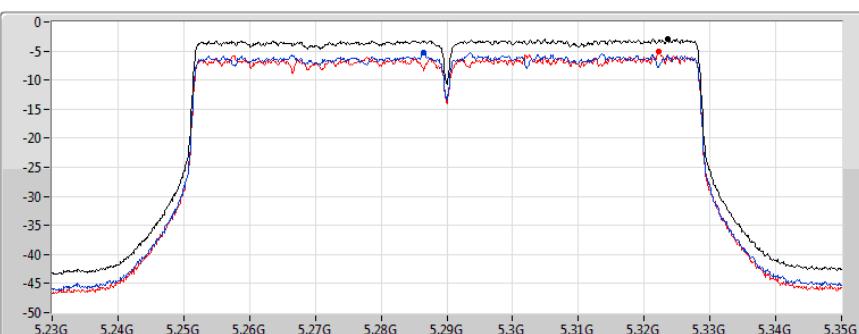
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.61	1.61	-1.03	-1.52

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5290MHz

Ch Freq
5.29GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.90	-2.90	-5.20	-4.99