



Average Power_Non-Beamforming_Sample 2_Radio 1_Panel 1_1T1S

Appendix B.7

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5510MHz	Pass	10.70	15.79	15.79	19.28	26.49	30.00
5550MHz	Pass	10.70	18.70	18.70	19.28	29.40	30.00
5670MHz	Pass	10.70	18.74	18.74	19.28	29.44	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	18.57	18.57	19.28	29.27	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	8.87	8.87	25.30	19.57	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	10.70	15.36	15.36	19.28	26.06	30.00
5530MHz	Pass	10.70	16.25	16.25	19.28	26.95	30.00
5610MHz	Pass	10.70	18.13	18.13	19.28	28.83	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	18.70	18.70	19.28	29.40	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	5.25	5.25	25.30	15.95	36.00

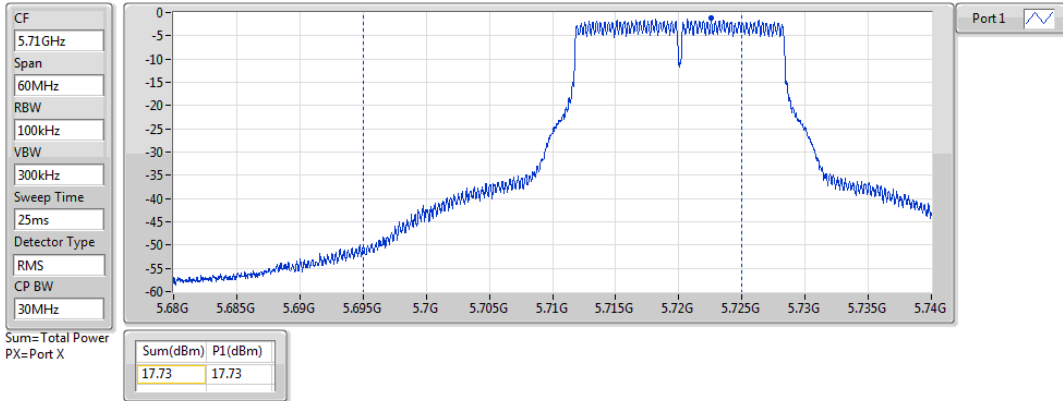
DG = Directional Gain; **Port X** = Port X output power

802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

09/01/2020

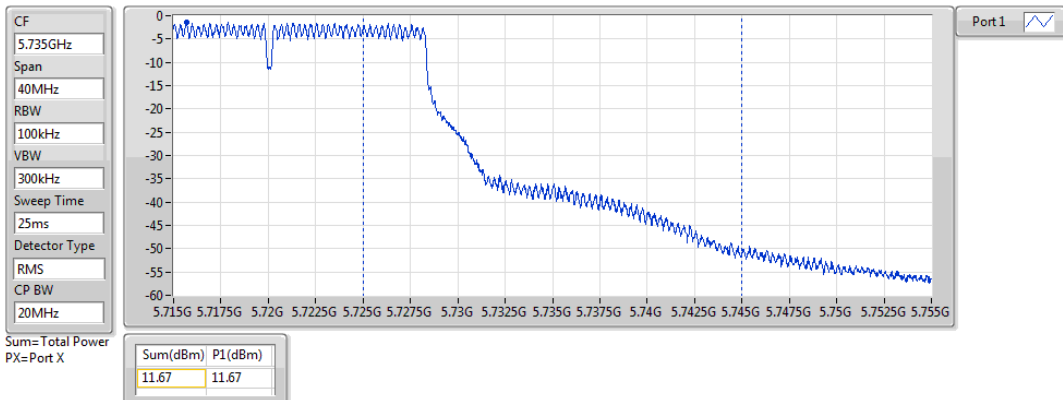


802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

09/01/2020

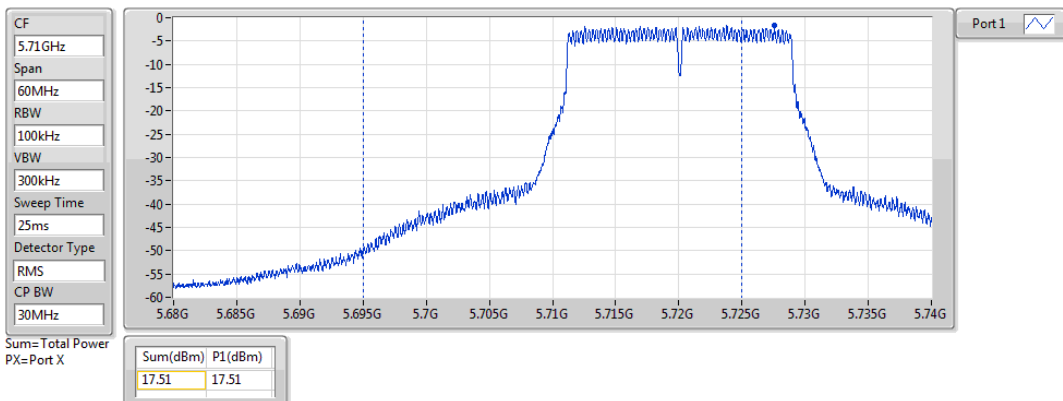


802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

09/01/2020

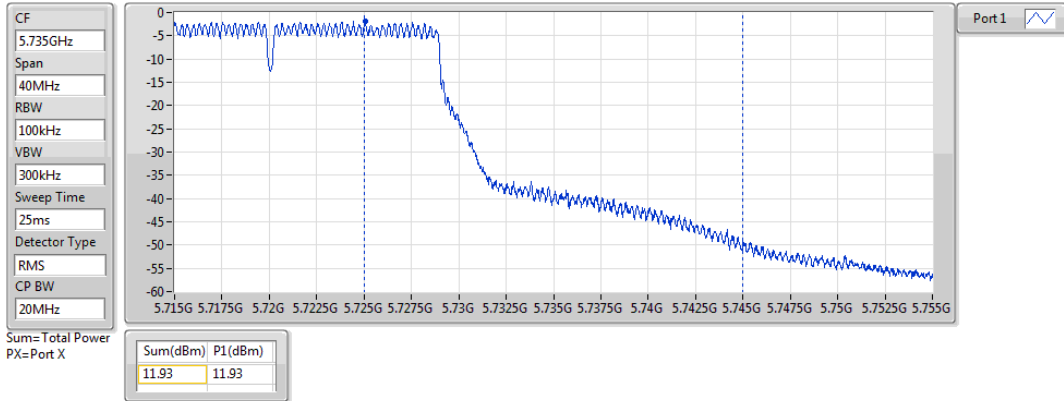


802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

09/01/2020

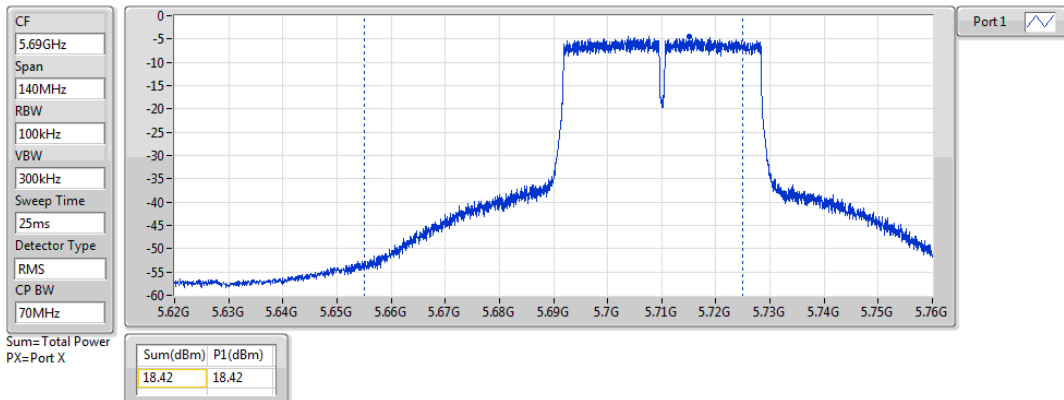


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

09/01/2020

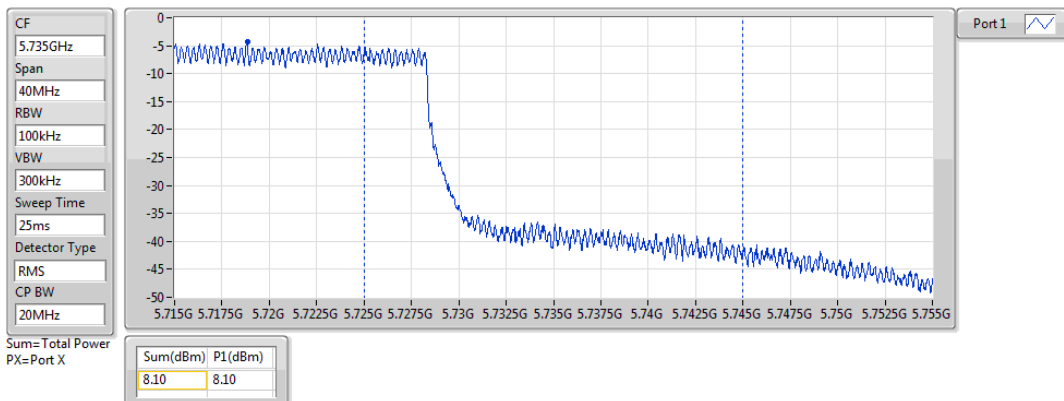


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

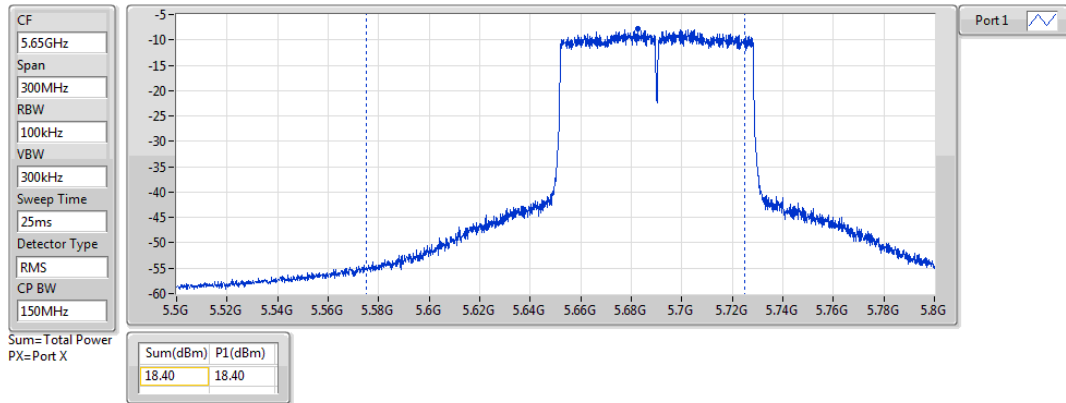
09/01/2020



802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

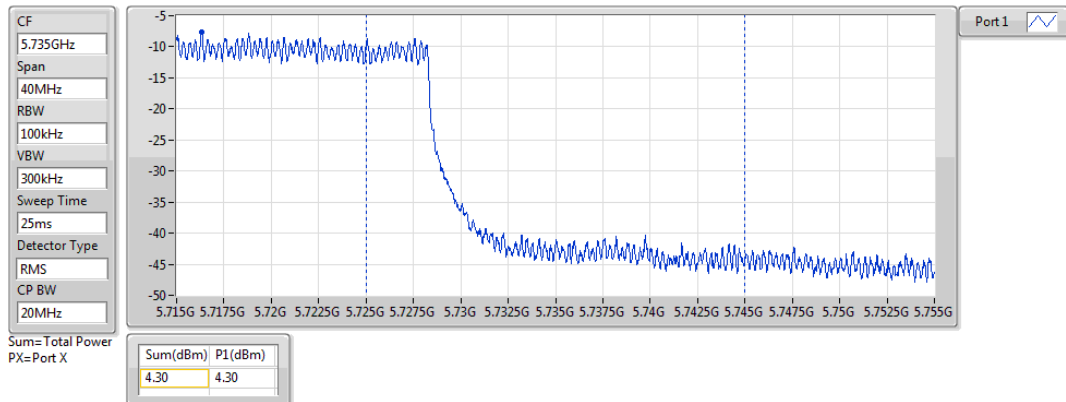
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

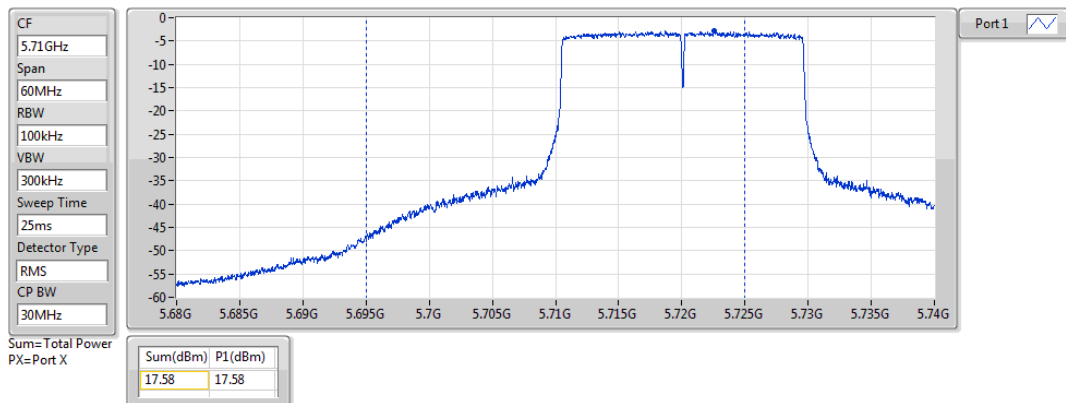
5690MHz Straddle 5.725-5.85GHz



802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

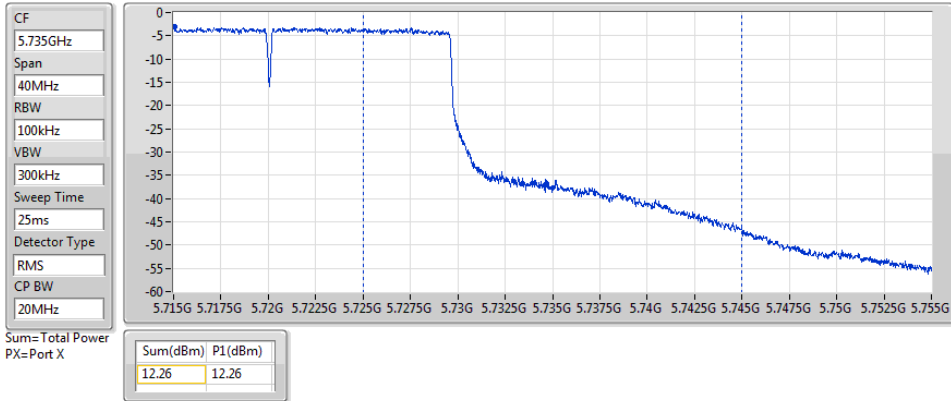


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

09/01/2020

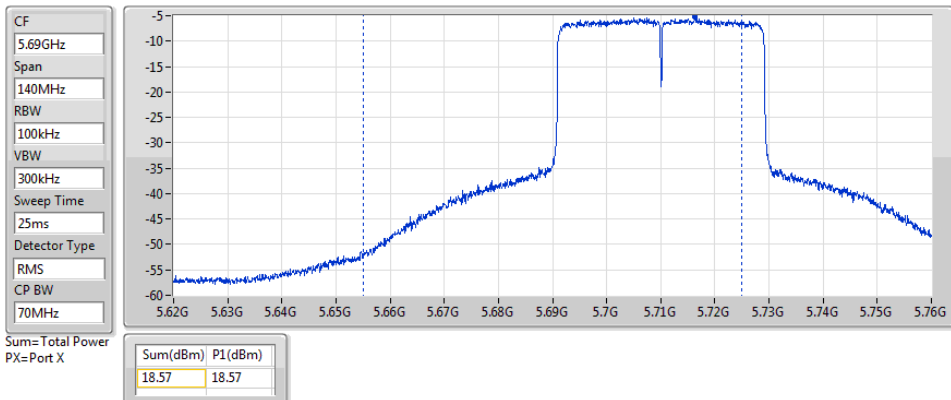


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

09/01/2020

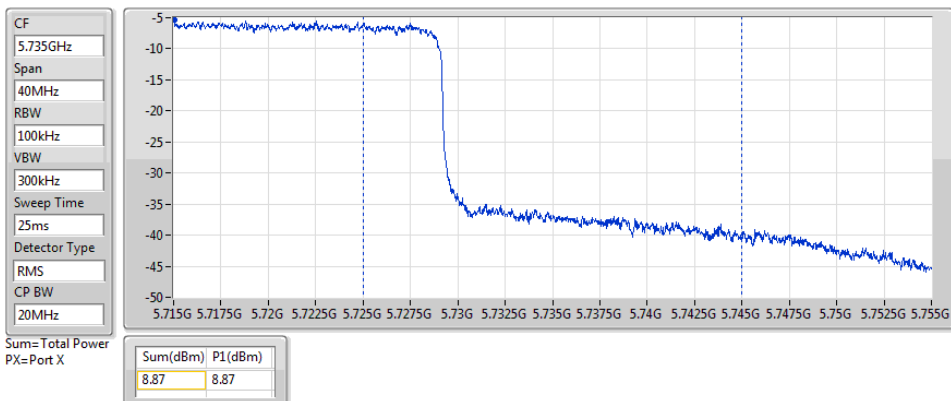


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

09/01/2020

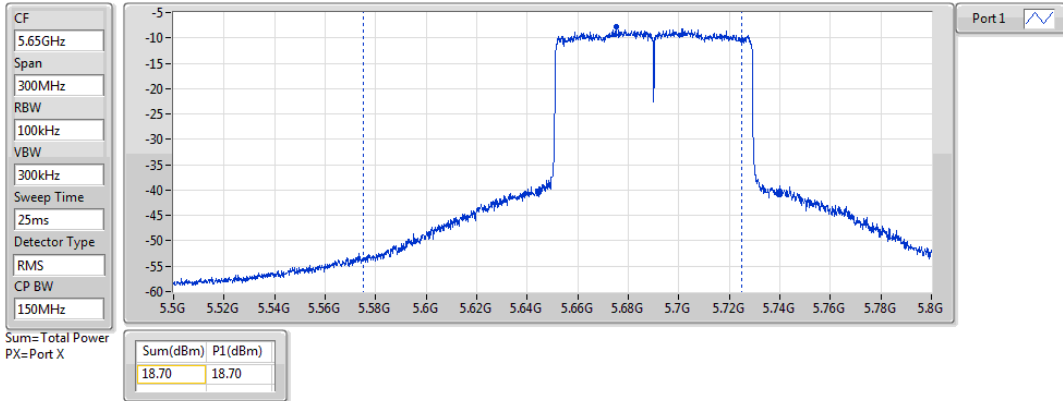


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz

09/01/2020

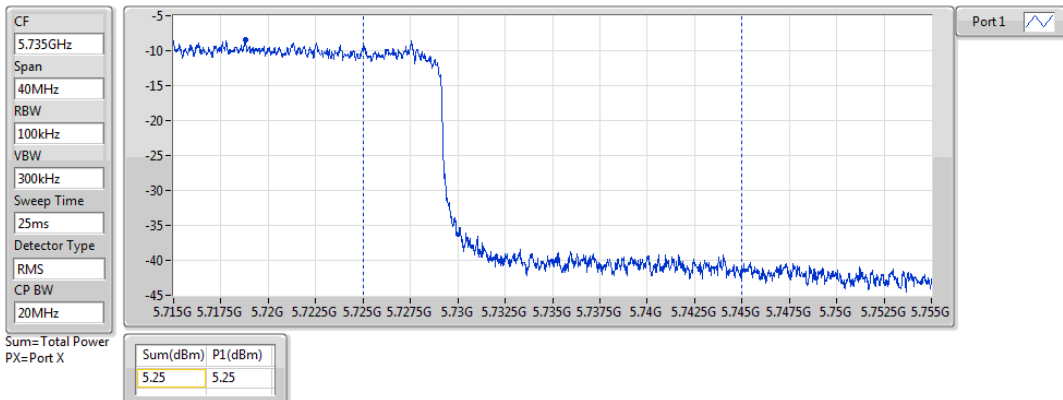


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

09/01/2020





Average Power_Non-Beamforming_Sample 2_Radio 1_Panel 1_2T2S

Appendix B.8

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.84	0.04831	27.54	0.56754
802.11ac VHT20_Nss2,(MCS0)_2TX	18.33	0.06808	29.03	0.79983
802.11ac VHT40_Nss2,(MCS0)_2TX	18.22	0.06637	28.92	0.77983
802.11ac VHT80_Nss2,(MCS0)_2TX	16.80	0.04786	27.50	0.56234
802.11ax HEW20_Nss2,(MCS0)_2TX	18.74	0.07482	29.44	0.87902
802.11ax HEW40_Nss2,(MCS0)_2TX	18.62	0.07278	29.32	0.85507
802.11ax HEW80_Nss2,(MCS0)_2TX	17.08	0.05105	27.78	0.59979
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.80	0.04786	27.50	0.56234
802.11ac VHT20_Nss2,(MCS0)_2TX	18.58	0.07211	29.28	0.84723
802.11ac VHT40_Nss2,(MCS0)_2TX	18.51	0.07096	29.21	0.83368
802.11ac VHT80_Nss2,(MCS0)_2TX	18.39	0.06902	29.09	0.81096
802.11ax HEW20_Nss2,(MCS0)_2TX	18.77	0.07534	29.47	0.88512
802.11ax HEW40_Nss2,(MCS0)_2TX	18.73	0.07464	29.43	0.87700
802.11ax HEW80_Nss2,(MCS0)_2TX	18.71	0.07430	29.41	0.87297
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	9.22	0.00836	19.92	0.09817
802.11ac VHT20_Nss2,(MCS0)_2TX	12.00	0.01585	22.70	0.18621
802.11ac VHT40_Nss2,(MCS0)_2TX	8.03	0.00635	18.73	0.07464
802.11ac VHT80_Nss2,(MCS0)_2TX	4.56	0.00286	15.26	0.03357
802.11ax HEW20_Nss2,(MCS0)_2TX	12.63	0.01832	23.33	0.21528
802.11ax HEW40_Nss2,(MCS0)_2TX	9.07	0.00807	19.77	0.09484
802.11ax HEW80_Nss2,(MCS0)_2TX	5.44	0.00350	16.14	0.04111

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	10.70	13.69	13.85	16.78	19.28	27.48	30.00
5300MHz	Pass	10.70	13.67	13.80	16.75	19.28	27.45	30.00
5320MHz	Pass	10.70	13.62	14.03	16.84	19.28	27.54	30.00
5500MHz	Pass	10.70	14.03	13.53	16.80	19.28	27.50	30.00
5580MHz	Pass	10.70	13.54	13.65	16.61	19.28	27.31	30.00
5700MHz	Pass	10.70	13.75	13.70	16.74	19.28	27.44	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	12.21	12.06	15.15	18.19	25.85	28.89
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	6.34	6.07	9.22	25.30	19.92	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	10.70	15.22	15.41	18.33	19.28	29.03	30.00
5300MHz	Pass	10.70	14.99	15.52	18.27	19.28	28.97	30.00
5320MHz	Pass	10.70	14.61	15.56	18.12	19.28	28.82	30.00
5500MHz	Pass	10.70	15.44	15.11	18.29	19.28	28.99	30.00
5580MHz	Pass	10.70	15.28	15.34	18.32	19.28	29.02	30.00
5700MHz	Pass	10.70	15.50	15.63	18.58	19.28	29.28	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	14.51	14.40	17.47	18.24	28.17	28.94
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	8.94	9.03	12.00	25.30	22.70	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	10.70	15.13	15.29	18.22	19.28	28.92	30.00
5310MHz	Pass	10.70	14.69	14.88	17.80	19.28	28.50	30.00
5510MHz	Pass	10.70	15.55	15.44	18.51	19.28	29.21	30.00
5550MHz	Pass	10.70	15.32	15.59	18.47	19.28	29.17	30.00
5670MHz	Pass	10.70	15.30	15.33	18.33	19.28	29.03	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	15.40	15.21	18.32	19.28	29.02	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	5.03	5.00	8.03	25.30	18.73	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	10.70	13.66	13.92	16.80	19.28	27.50	30.00
5530MHz	Pass	10.70	14.80	14.80	17.81	19.28	28.51	30.00
5610MHz	Pass	10.70	15.21	15.54	18.39	19.28	29.09	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	15.25	15.49	18.38	19.28	29.08	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	1.20	1.87	4.56	25.30	15.26	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	10.70	15.49	15.71	18.61	19.28	29.31	30.00
5300MHz	Pass	10.70	15.58	15.87	18.74	19.28	29.44	30.00
5320MHz	Pass	10.70	15.32	15.78	18.57	19.28	29.27	30.00
5500MHz	Pass	10.70	15.84	15.48	18.67	19.28	29.37	30.00
5580MHz	Pass	10.70	15.62	15.62	18.63	19.28	29.33	30.00
5700MHz	Pass	10.70	15.71	15.81	18.77	19.28	29.47	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	14.67	14.70	17.70	18.21	28.40	28.91
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	9.61	9.62	12.63	25.30	23.33	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	10.70	15.55	15.67	18.62	19.28	29.32	30.00
5310MHz	Pass	10.70	14.98	15.01	18.01	19.28	28.71	30.00



Average Power_Non-Beamforming_Sample 2_Radio 1_Panel 1_2T2S

Appendix B.8

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5510MHz	Pass	10.70	15.76	15.63	18.71	19.28	29.41	30.00
5550MHz	Pass	10.70	15.61	15.70	18.67	19.28	29.37	30.00
5670MHz	Pass	10.70	15.64	15.59	18.63	19.28	29.33	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	15.83	15.61	18.73	19.28	29.43	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	6.10	6.02	9.07	25.30	19.77	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	10.70	13.88	14.26	17.08	19.28	27.78	30.00
5530MHz	Pass	10.70	15.02	15.07	18.06	19.28	28.76	30.00
5610MHz	Pass	10.70	15.44	15.94	18.71	19.28	29.41	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	15.57	15.77	18.68	19.28	29.38	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	2.19	2.65	5.44	25.30	16.14	36.00

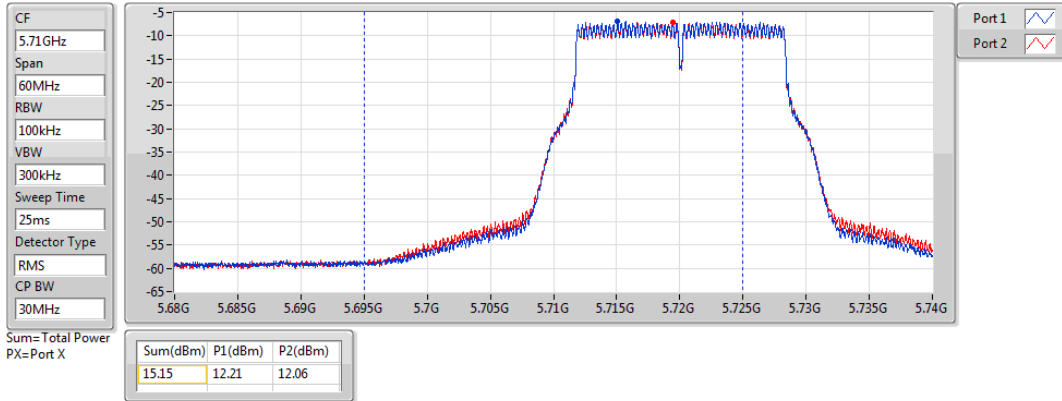
DG = Directional Gain; **Port X** = Port X output power

802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

09/01/2020

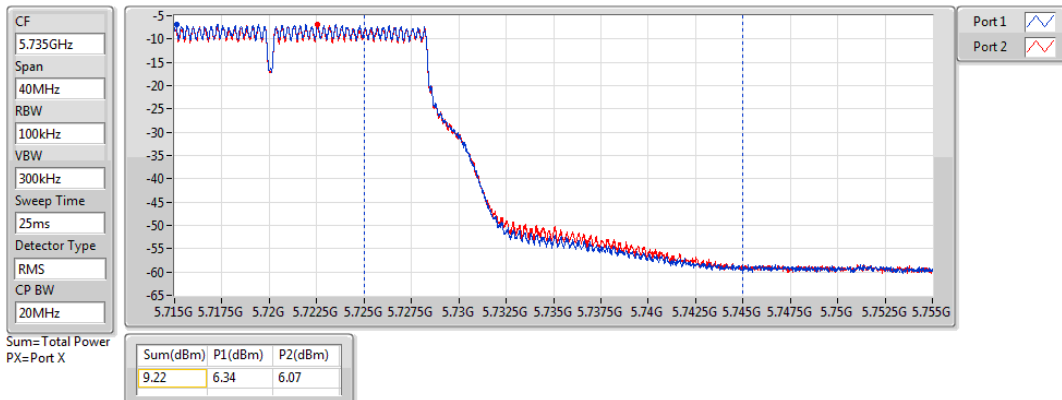


802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

09/01/2020

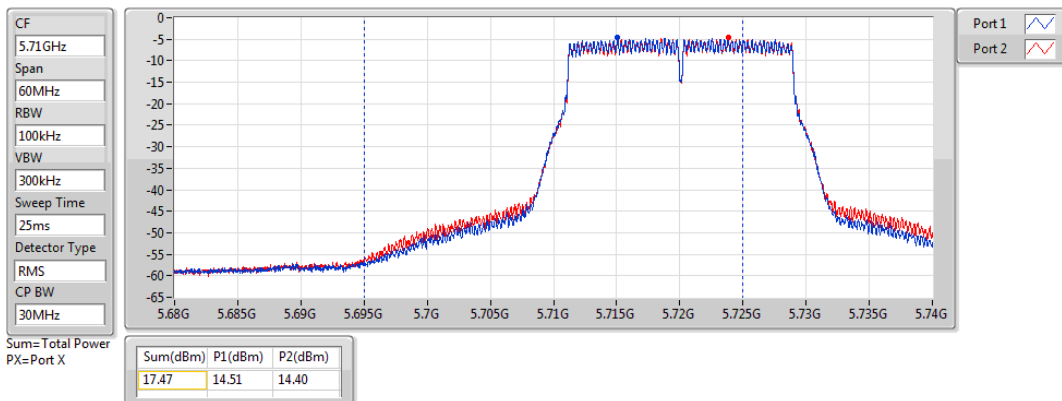


802.11ac VHT20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

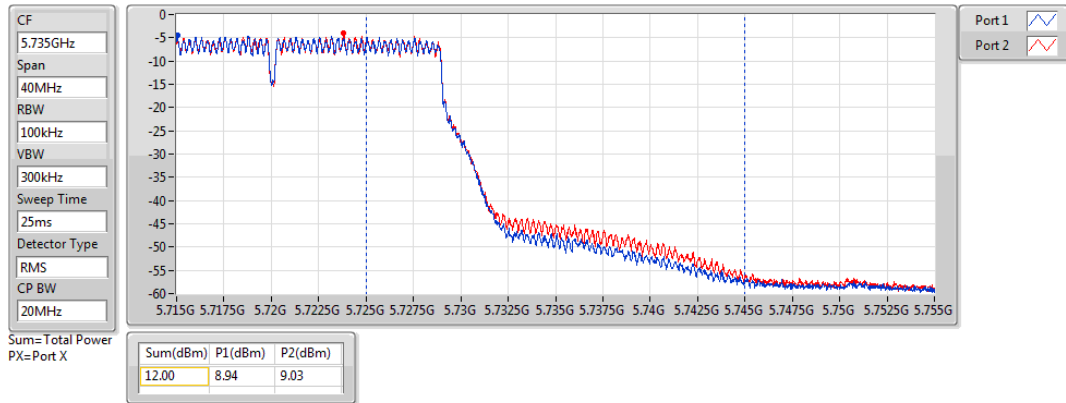
10/01/2020



802.11ac VHT20_Nss2,(MCS0)_2TX

AV Power

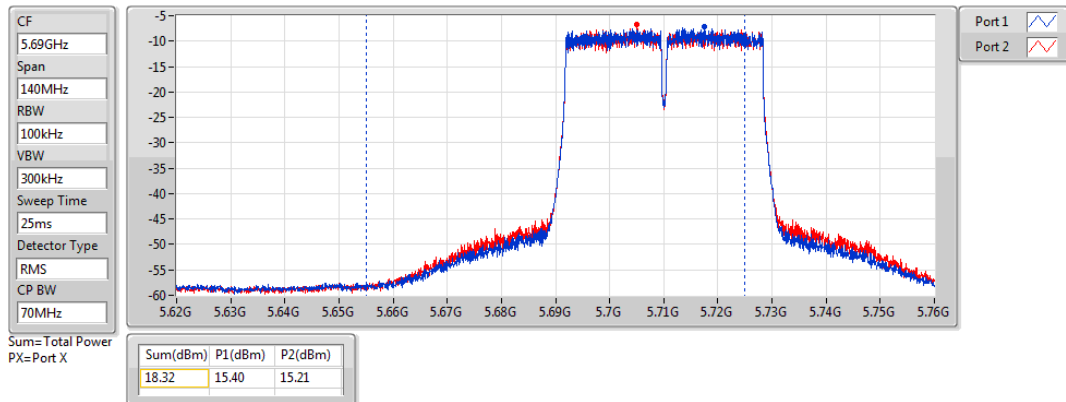
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT40_Nss2,(MCS0)_2TX

AV Power

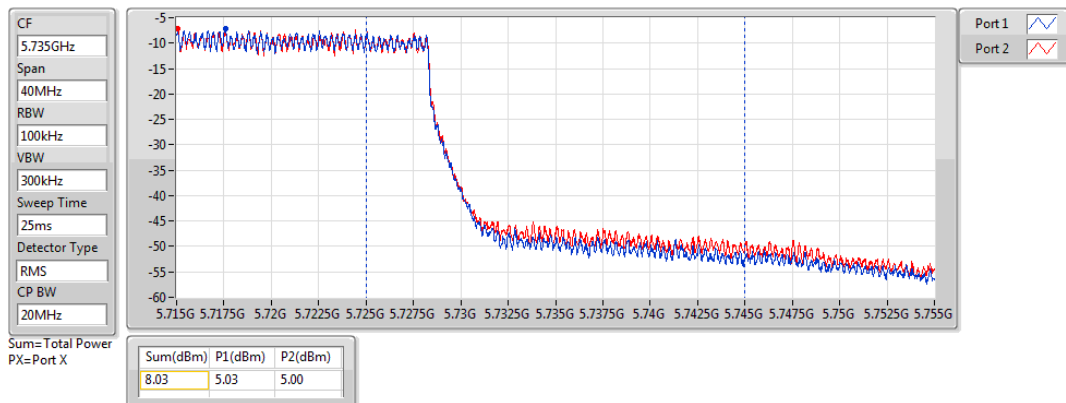
5710MHz Straddle 5.47-5.725GHz



802.11ac VHT40_Nss2,(MCS0)_2TX

AV Power

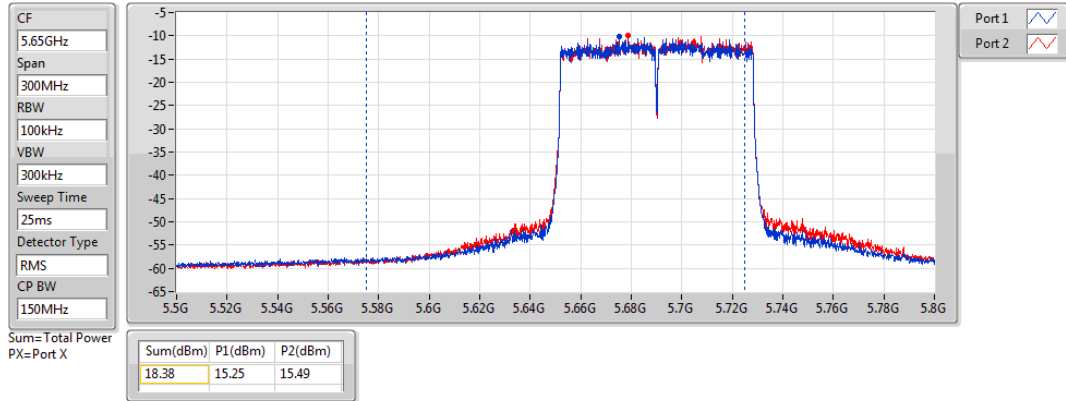
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT80_Nss2,(MCS0)_2TX

AV Power

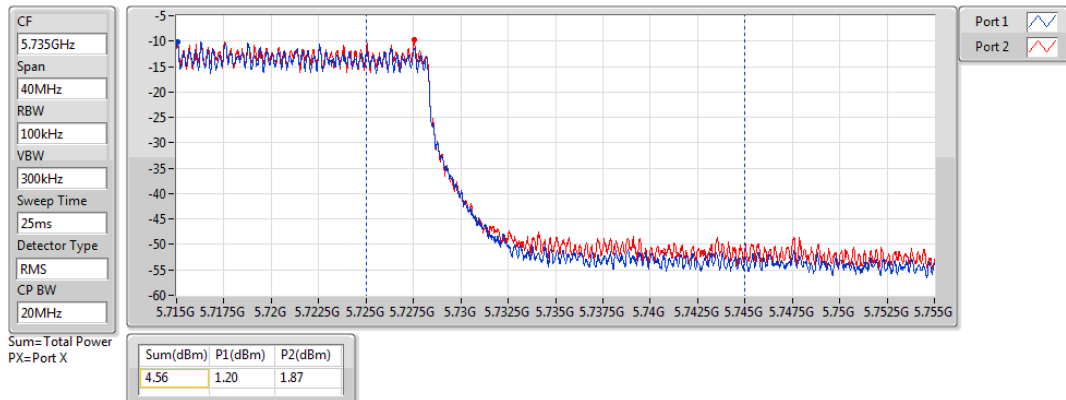
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss2,(MCS0)_2TX

AV Power

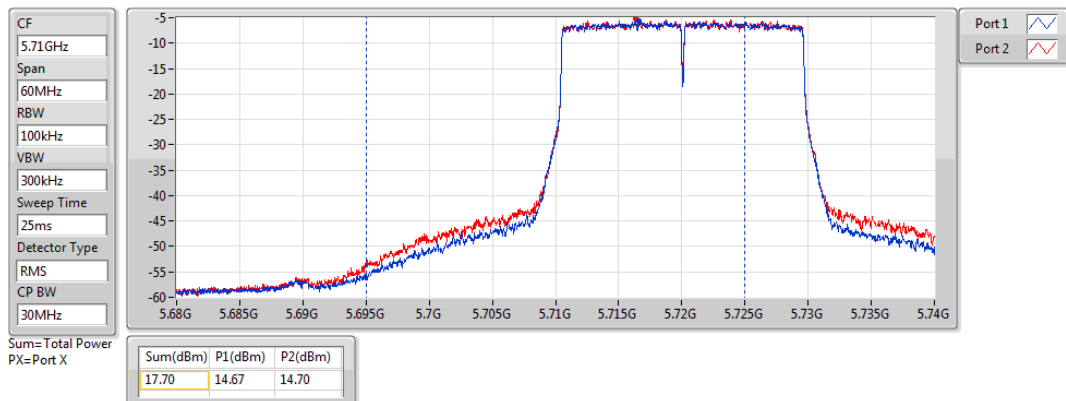
5690MHz Straddle 5.725-5.85GHz



802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

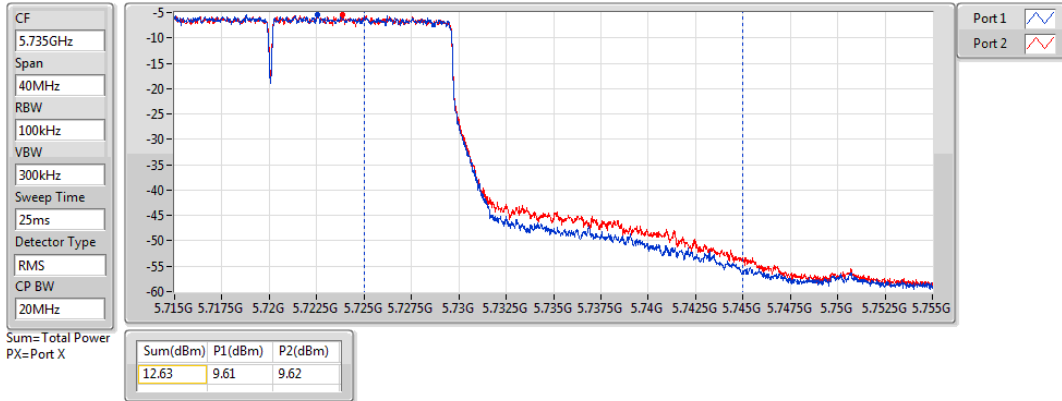


802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

09/01/2020

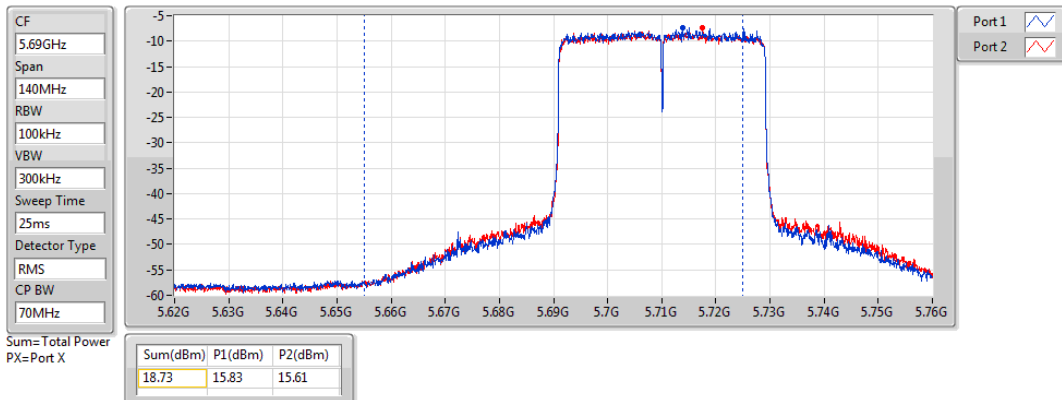


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

10/01/2020

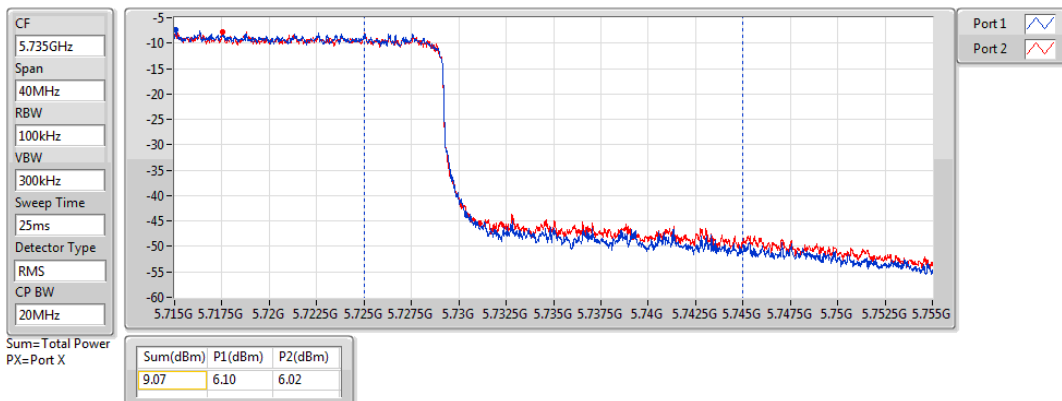


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

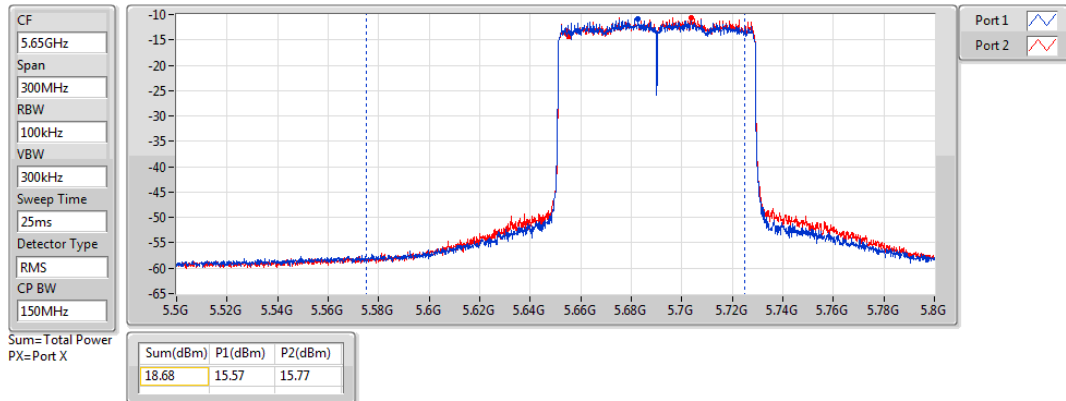
10/01/2020



802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

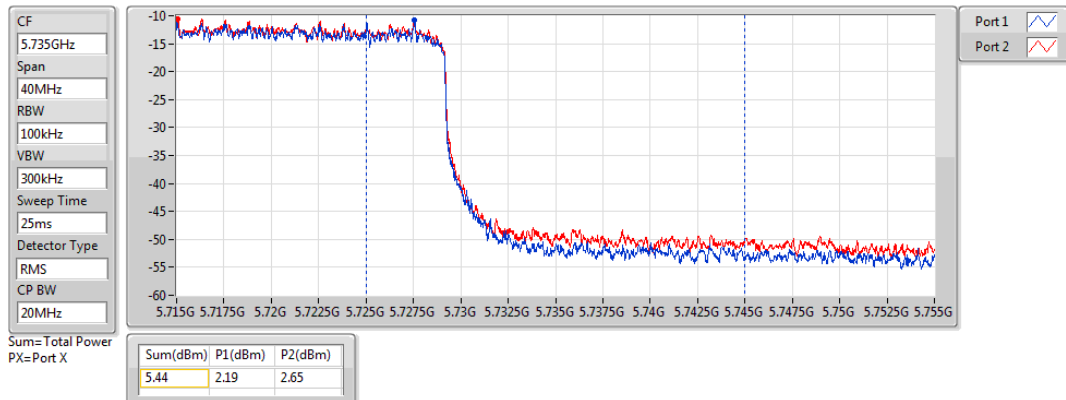
5690MHz Straddle 5.47-5.725GHz



802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz





Average Power_Non-Beamforming_Sample 2_Radio 2_Omni_1T1S

Appendix B.9

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.46	0.13996	29.46	0.88308
802.11ac VHT20_Nss1,(MCS0)_1TX	21.17	0.13092	29.17	0.82604
802.11ac VHT40_Nss1,(MCS0)_1TX	20.58	0.11429	28.58	0.72111
802.11ac VHT80_Nss1,(MCS0)_1TX	15.48	0.03532	23.48	0.22284
802.11ax HEW20_Nss1,(MCS0)_1TX	21.42	0.13868	29.42	0.87498
802.11ax HEW40_Nss1,(MCS0)_1TX	20.70	0.11749	28.70	0.74131
802.11ax HEW80_Nss1,(MCS0)_1TX	15.62	0.03648	23.62	0.23014
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.37	0.13709	29.37	0.86497
802.11ac VHT20_Nss1,(MCS0)_1TX	21.29	0.13459	29.29	0.84918
802.11ac VHT40_Nss1,(MCS0)_1TX	21.22	0.13243	29.22	0.83560
802.11ac VHT80_Nss1,(MCS0)_1TX	21.25	0.13335	29.25	0.84140
802.11ax HEW20_Nss1,(MCS0)_1TX	21.47	0.14028	29.47	0.88512
802.11ax HEW40_Nss1,(MCS0)_1TX	21.34	0.13614	29.34	0.85901
802.11ax HEW80_Nss1,(MCS0)_1TX	21.49	0.14093	29.49	0.88920
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	14.71	0.02958	22.71	0.18664
802.11ac VHT20_Nss1,(MCS0)_1TX	14.87	0.03069	22.87	0.19364
802.11ac VHT40_Nss1,(MCS0)_1TX	10.83	0.01211	18.83	0.07638
802.11ac VHT80_Nss1,(MCS0)_1TX	6.99	0.00500	14.99	0.03155
802.11ax HEW20_Nss1,(MCS0)_1TX	15.39	0.03459	23.39	0.21827
802.11ax HEW40_Nss1,(MCS0)_1TX	11.59	0.01442	19.59	0.09099
802.11ax HEW80_Nss1,(MCS0)_1TX	7.88	0.00614	15.88	0.03873



Average Power_Non-Beamforming_Sample 2_Radio 2_Omni_1T1S

Appendix B.9

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	8.00	21.46	21.46	21.98	29.46	30.00
5300MHz	Pass	8.00	21.45	21.45	21.98	29.45	30.00
5320MHz	Pass	8.00	18.73	18.73	21.98	26.73	30.00
5500MHz	Pass	8.00	16.65	16.65	21.98	24.65	30.00
5580MHz	Pass	8.00	21.37	21.37	21.98	29.37	30.00
5700MHz	Pass	8.00	16.88	16.88	21.98	24.88	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	20.93	20.93	21.98	28.93	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	14.71	14.71	28.00	22.71	36.00
802.11ac_VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	8.00	21.17	21.17	21.98	29.17	30.00
5300MHz	Pass	8.00	21.12	21.12	21.98	29.12	30.00
5320MHz	Pass	8.00	17.74	17.74	21.98	25.74	30.00
5500MHz	Pass	8.00	17.01	17.01	21.98	25.01	30.00
5580MHz	Pass	8.00	21.29	21.29	21.98	29.29	30.00
5700MHz	Pass	8.00	14.31	14.31	21.98	22.31	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	20.60	20.60	21.98	28.60	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	14.87	14.87	28.00	22.87	36.00
802.11ac_VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	8.00	20.58	20.58	21.98	28.58	30.00
5310MHz	Pass	8.00	15.45	15.45	21.98	23.45	30.00
5510MHz	Pass	8.00	15.36	15.36	21.98	23.36	30.00
5550MHz	Pass	8.00	19.85	19.85	21.98	27.85	30.00
5670MHz	Pass	8.00	18.22	18.22	21.98	26.22	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	21.22	21.22	21.98	29.22	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	10.83	10.83	28.00	18.83	36.00
802.11ac_VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	8.00	15.48	15.48	21.98	23.48	30.00
5530MHz	Pass	8.00	15.38	15.38	21.98	23.38	30.00
5610MHz	Pass	8.00	18.21	18.21	21.98	26.21	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	21.25	21.25	21.98	29.25	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	6.99	6.99	28.00	14.99	36.00
802.11ax_HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	8.00	21.42	21.42	21.98	29.42	30.00
5300MHz	Pass	8.00	21.14	21.14	21.98	29.14	30.00
5320MHz	Pass	8.00	17.88	17.88	21.98	25.88	30.00
5500MHz	Pass	8.00	17.32	17.32	21.98	25.32	30.00
5580MHz	Pass	8.00	21.47	21.47	21.98	29.47	30.00
5700MHz	Pass	8.00	14.59	14.59	21.98	22.59	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	20.62	20.62	21.98	28.62	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	15.39	15.39	28.00	23.39	36.00
802.11ax_HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	8.00	20.70	20.70	21.98	28.70	30.00
5310MHz	Pass	8.00	15.66	15.66	21.98	23.66	30.00



Average Power_Non-Beamforming_Sample 2_Radio 2_Omni_1T1S

Appendix B.9

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5510MHz	Pass	8.00	15.44	15.44	21.98	23.44	30.00
5550MHz	Pass	8.00	20.03	20.03	21.98	28.03	30.00
5670MHz	Pass	8.00	18.31	18.31	21.98	26.31	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	21.34	21.34	21.98	29.34	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	11.59	11.59	28.00	19.59	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	8.00	15.62	15.62	21.98	23.62	30.00
5530MHz	Pass	8.00	15.45	15.45	21.98	23.45	30.00
5610MHz	Pass	8.00	18.47	18.47	21.98	26.47	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	21.49	21.49	21.98	29.49	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	7.88	7.88	28.00	15.88	36.00

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

802.11a_Nss1,(6Mbps)_1TX

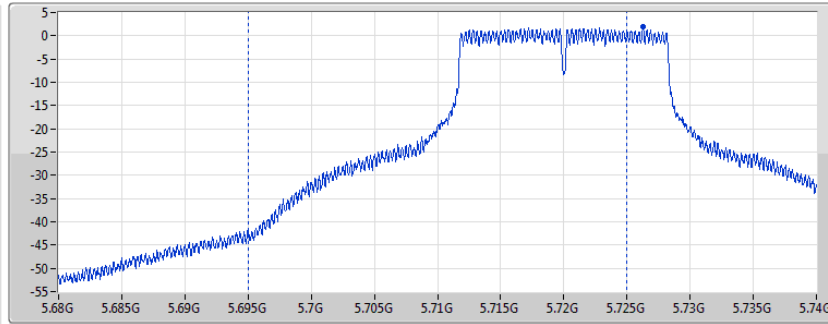
AV Power

5720MHz Straddle 5.47-5.725GHz

09/01/2020

CF
5.71GHz
Span
60MHz
RBW
100kHz
VBW
300kHz
Sweep Time
25ms
Detector Type
RMS
CP BW
30MHz

Sum=Total Power
PX=Port X



Sum(dBm)	P1(dBm)
20.93	20.93

Port 1

802.11a_Nss1,(6Mbps)_1TX

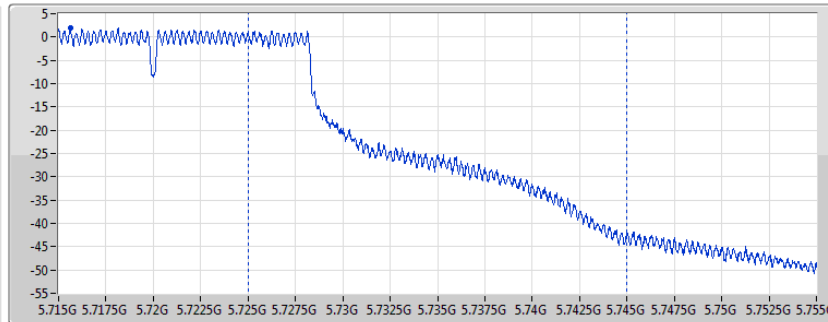
AV Power

5720MHz Straddle 5.725-5.85GHz

09/01/2020

CF
5.735GHz
Span
40MHz
RBW
100kHz
VBW
300kHz
Sweep Time
25ms
Detector Type
RMS
CP BW
20MHz

Sum=Total Power
PX=Port X



Sum(dBm)	P1(dBm)
14.71	14.71

Port 1

802.11ac VHT20_Nss1,(MCS0)_1TX

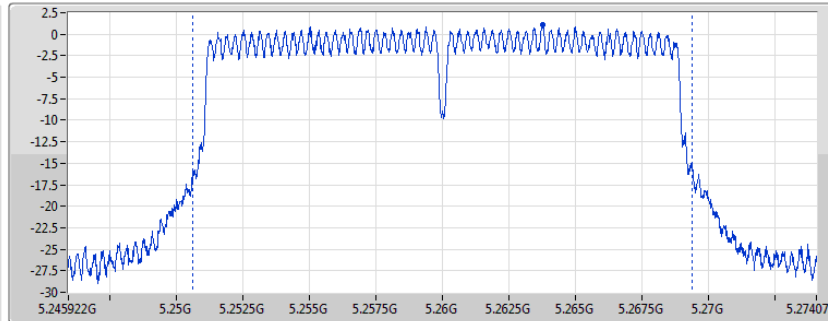
AV Power

5260MHz

09/01/2020

CF
5.26GHz
Span
28.1565MHz
RBW
100kHz
VBW
300kHz
Sweep Time
25ms
Detector Type
RMS
CP BW
18.771MHz

Sum=Total Power
PX=Port X



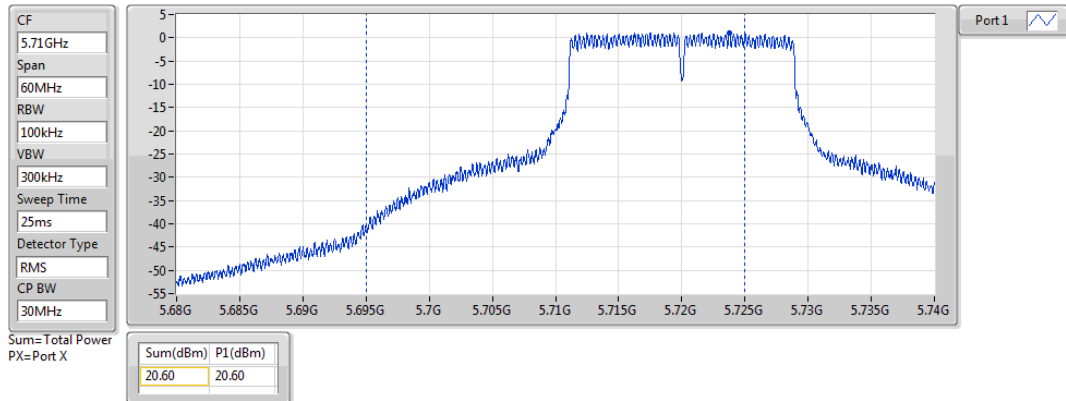
Sum(dBm)	P1(dBm)
21.33	21.33

Port 1

802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

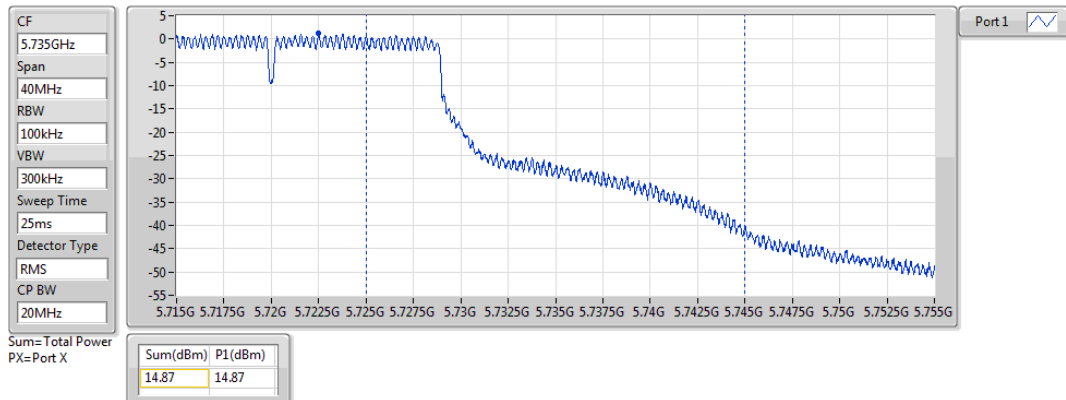
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

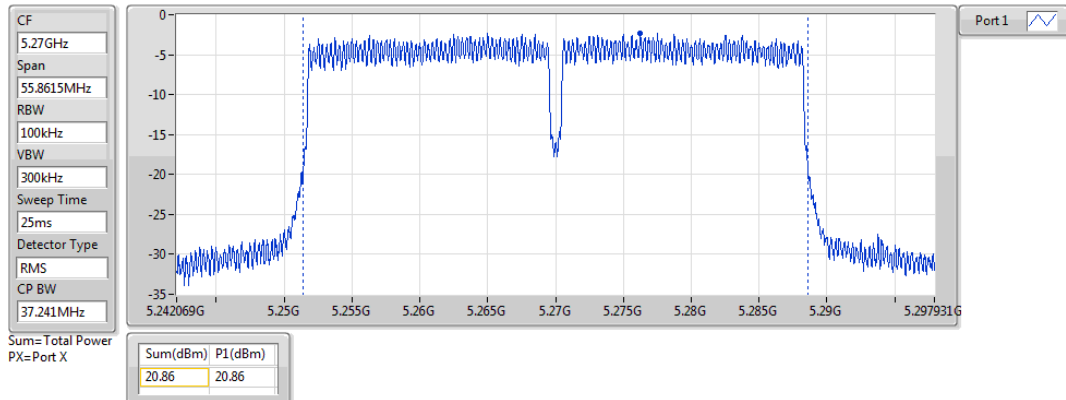
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5270MHz

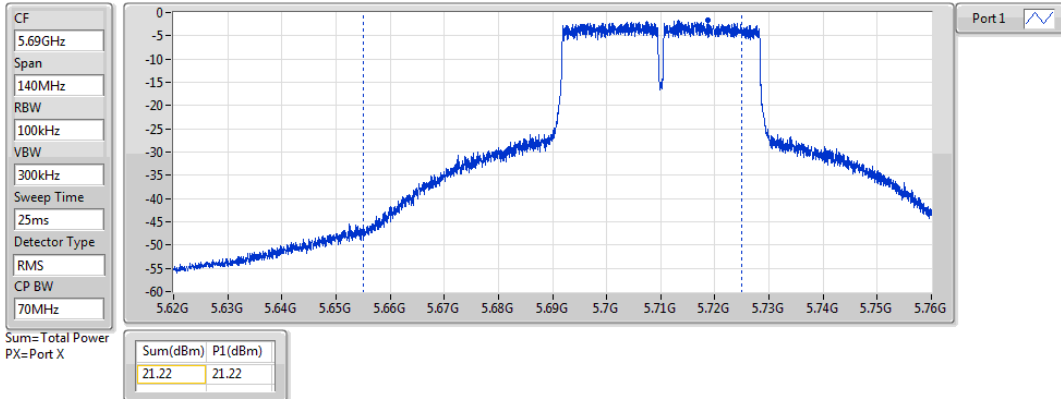


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

09/01/2020

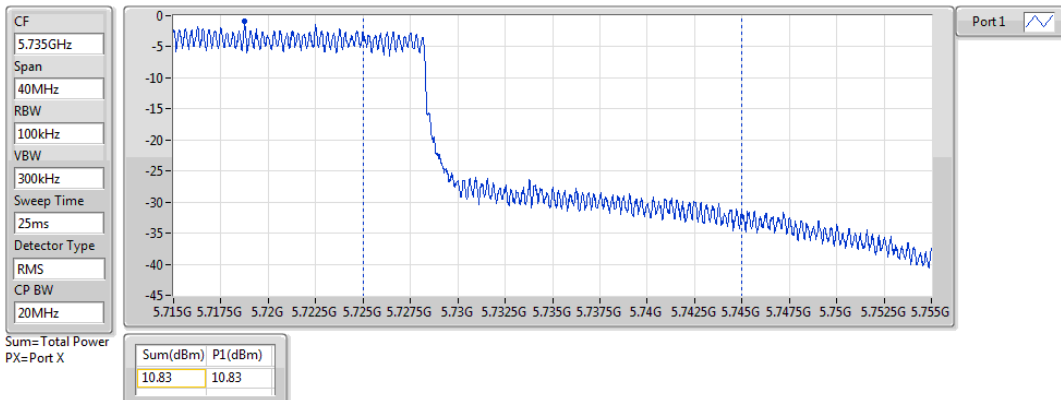


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

09/01/2020

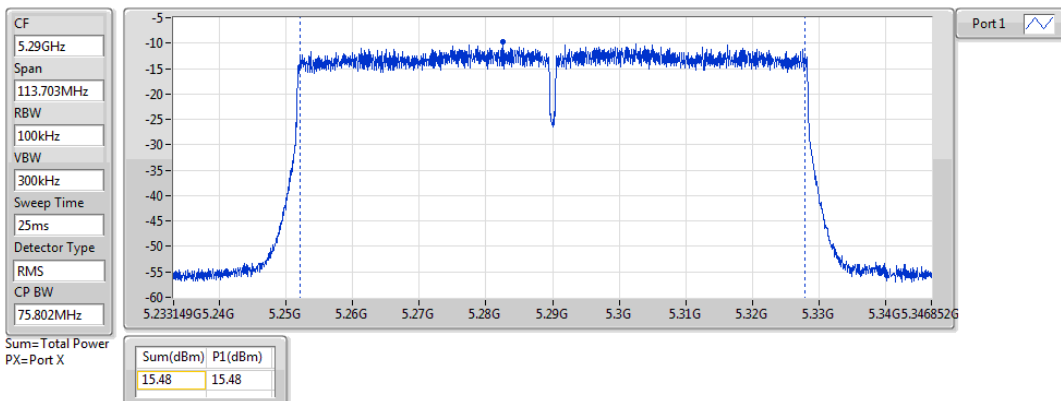


802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

5290MHz

09/01/2020

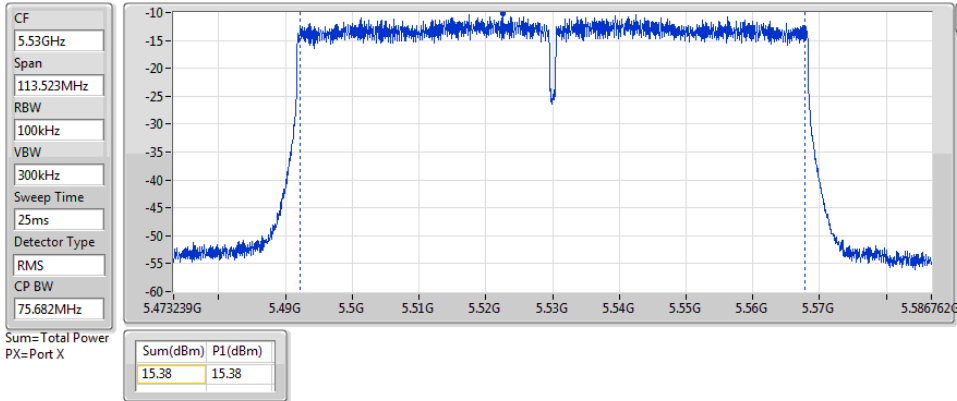


802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

5530MHz

09/01/2020

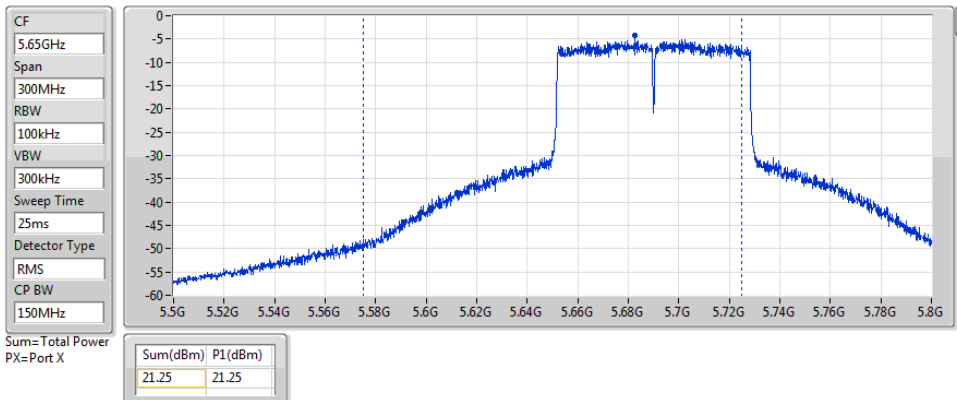


802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz

09/01/2020

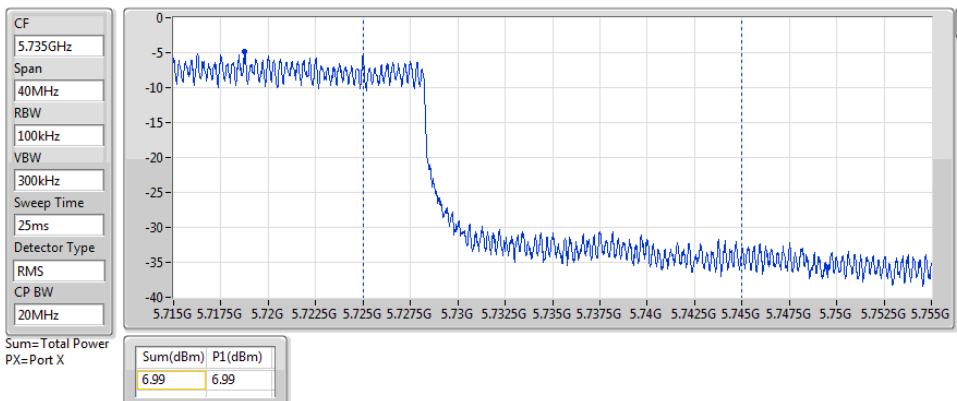


802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

09/01/2020

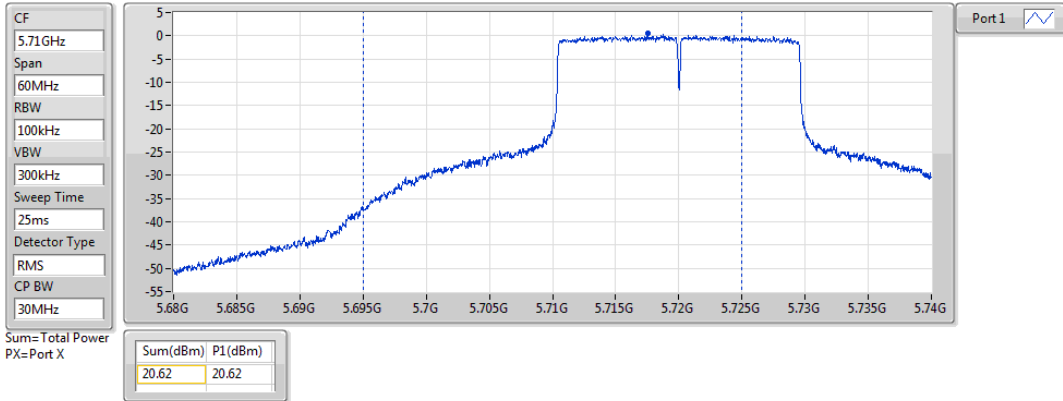


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

09/01/2020

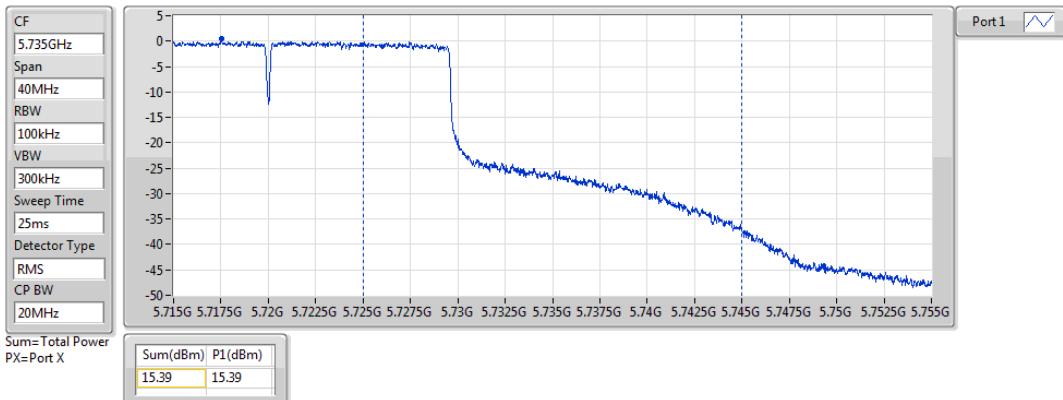


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

09/01/2020

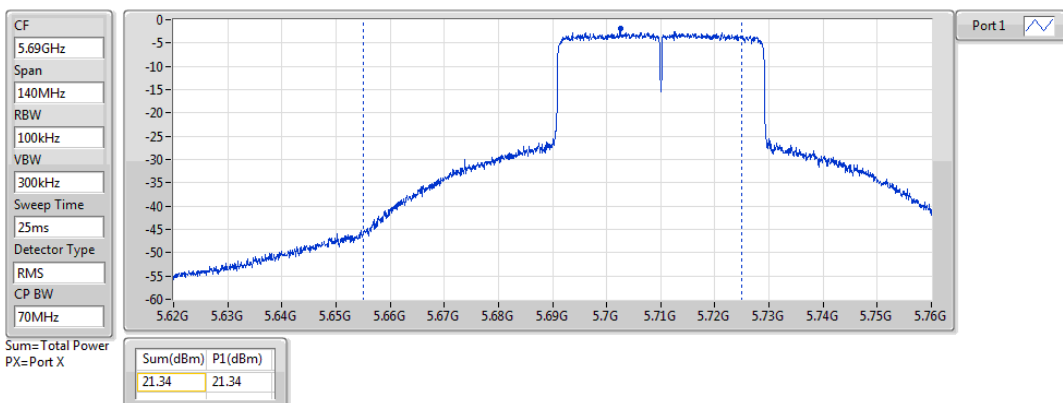


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

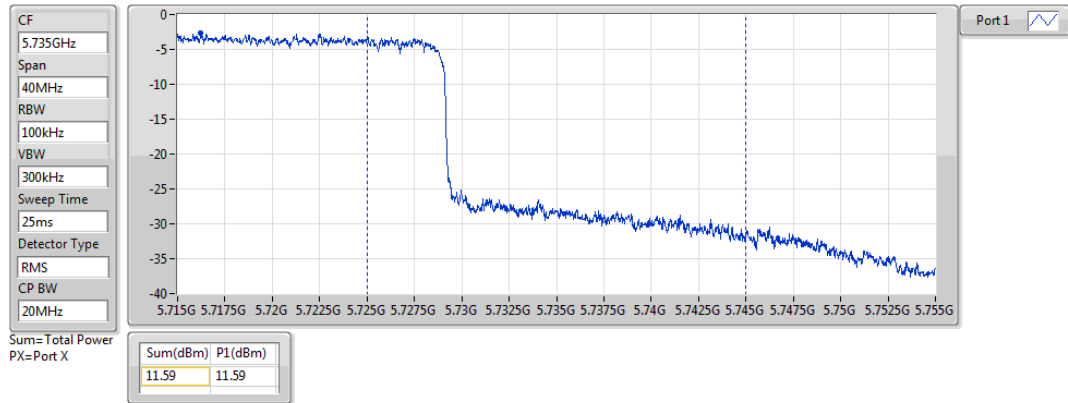
09/01/2020



802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

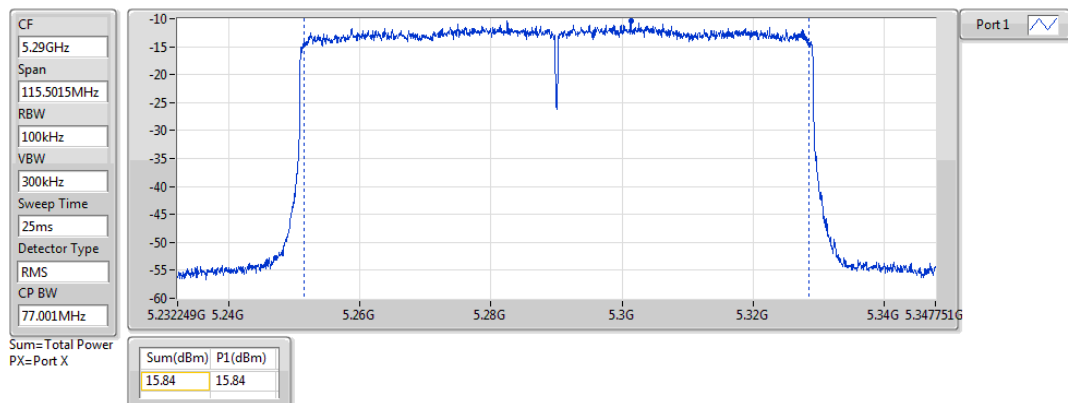
5710MHz Straddle 5.725-5.85GHz



802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

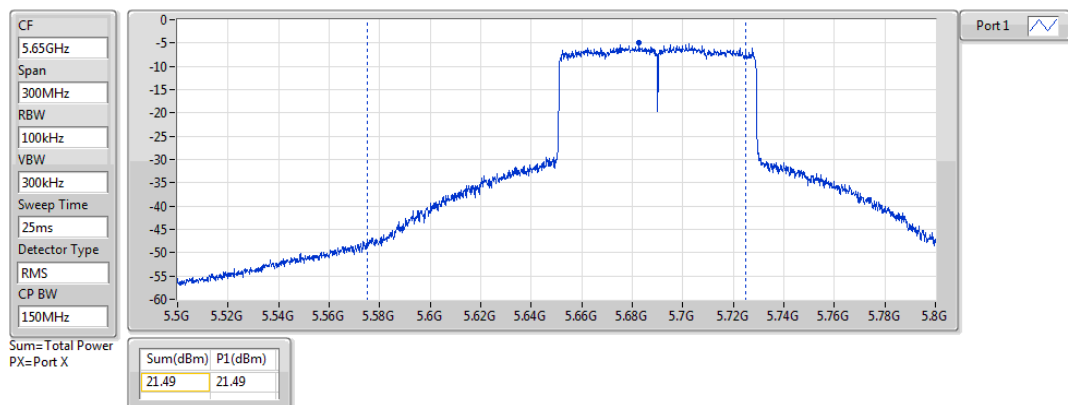
5290MHz



802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz

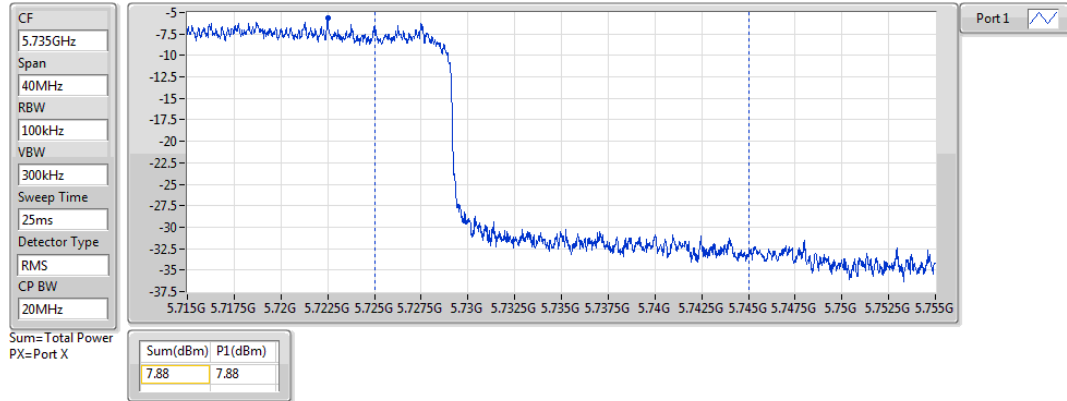


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

09/01/2020





Average Power_Non-Beamforming_Sample 2_Radio 2_Omni_2T2S

Appendix B.10

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	18.52	0.07112	26.52	0.44875
802.11ac VHT20_Nss2,(MCS0)_2TX	21.26	0.13366	29.26	0.84333
802.11ac VHT40_Nss2,(MCS0)_2TX	21.08	0.12823	29.08	0.80910
802.11ac VHT80_Nss2,(MCS0)_2TX	14.91	0.03097	22.91	0.19543
802.11ax HEW20_Nss2,(MCS0)_2TX	21.38	0.13740	29.38	0.86696
802.11ax HEW40_Nss2,(MCS0)_2TX	21.21	0.13213	29.21	0.83368
802.11ax HEW80_Nss2,(MCS0)_2TX	15.27	0.03365	23.27	0.21232
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	18.66	0.07345	26.66	0.46345
802.11ac VHT20_Nss2,(MCS0)_2TX	21.06	0.12764	29.06	0.80538
802.11ac VHT40_Nss2,(MCS0)_2TX	21.26	0.13366	29.26	0.84333
802.11ac VHT80_Nss2,(MCS0)_2TX	21.11	0.12912	29.11	0.81470
802.11ax HEW20_Nss2,(MCS0)_2TX	21.43	0.13900	29.43	0.87700
802.11ax HEW40_Nss2,(MCS0)_2TX	21.34	0.13614	29.34	0.85901
802.11ax HEW80_Nss2,(MCS0)_2TX	21.36	0.13677	29.36	0.86298
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	11.65	0.01462	19.65	0.09226
802.11ac VHT20_Nss2,(MCS0)_2TX	14.32	0.02704	22.32	0.17061
802.11ac VHT40_Nss2,(MCS0)_2TX	10.98	0.01253	18.98	0.07907
802.11ac VHT80_Nss2,(MCS0)_2TX	7.15	0.00519	15.15	0.03273
802.11ax HEW20_Nss2,(MCS0)_2TX	15.09	0.03228	23.09	0.20370
802.11ax HEW40_Nss2,(MCS0)_2TX	11.64	0.01459	19.64	0.09204
802.11ax HEW80_Nss2,(MCS0)_2TX	7.96	0.00625	15.96	0.03945

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.00	15.63	15.26	18.46	21.98	26.46	30.00
5300MHz	Pass	8.00	15.54	15.35	18.46	21.98	26.46	30.00
5320MHz	Pass	8.00	15.61	15.41	18.52	21.98	26.52	30.00
5500MHz	Pass	8.00	15.19	15.27	18.24	21.98	26.24	30.00
5580MHz	Pass	8.00	15.71	15.29	18.52	21.98	26.52	30.00
5700MHz	Pass	8.00	15.81	15.48	18.66	21.98	26.66	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	14.97	14.74	17.87	20.94	25.87	28.94
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	8.72	8.55	11.65	28.00	19.65	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.00	18.23	17.98	21.12	21.98	29.12	30.00
5300MHz	Pass	8.00	18.41	18.08	21.26	21.98	29.26	30.00
5320MHz	Pass	8.00	16.33	16.25	19.30	21.98	27.30	30.00
5500MHz	Pass	8.00	16.12	16.20	19.17	21.98	27.17	30.00
5580MHz	Pass	8.00	18.23	17.87	21.06	21.98	29.06	30.00
5700MHz	Pass	8.00	14.05	13.90	16.99	21.98	24.99	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	17.00	16.79	19.91	20.99	27.91	28.99
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	11.44	11.17	14.32	28.00	22.32	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	8.00	18.22	17.91	21.08	21.98	29.08	30.00
5310MHz	Pass	8.00	13.03	13.00	16.03	21.98	24.03	30.00
5510MHz	Pass	8.00	13.30	13.44	16.38	21.98	24.38	30.00
5550MHz	Pass	8.00	17.19	16.77	20.00	21.98	28.00	30.00
5670MHz	Pass	8.00	14.88	14.34	17.63	21.98	25.63	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	18.46	18.03	21.26	21.98	29.26	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	8.09	7.84	10.98	28.00	18.98	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.00	11.95	11.84	14.91	21.98	22.91	30.00
5530MHz	Pass	8.00	12.26	12.39	15.34	21.98	23.34	30.00
5610MHz	Pass	8.00	16.05	15.84	18.96	21.98	26.96	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	18.40	17.78	21.11	21.98	29.11	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	4.10	4.18	7.15	28.00	15.15	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.00	18.48	18.25	21.38	21.98	29.38	30.00
5300MHz	Pass	8.00	18.36	18.26	21.32	21.98	29.32	30.00
5320MHz	Pass	8.00	16.50	16.53	19.53	21.98	27.53	30.00
5500MHz	Pass	8.00	16.45	16.33	19.40	21.98	27.40	30.00
5580MHz	Pass	8.00	18.55	18.29	21.43	21.98	29.43	30.00
5700MHz	Pass	8.00	14.41	14.19	17.31	21.98	25.31	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	17.46	17.10	20.29	20.97	28.29	28.97
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	12.20	11.95	15.09	28.00	23.09	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	8.00	18.47	17.92	21.21	21.98	29.21	30.00
5310MHz	Pass	8.00	13.16	13.22	16.20	21.98	24.20	30.00



Average Power_Non-Beamforming_Sample 2_Radio 2_Omni_2T2S

Appendix B.10

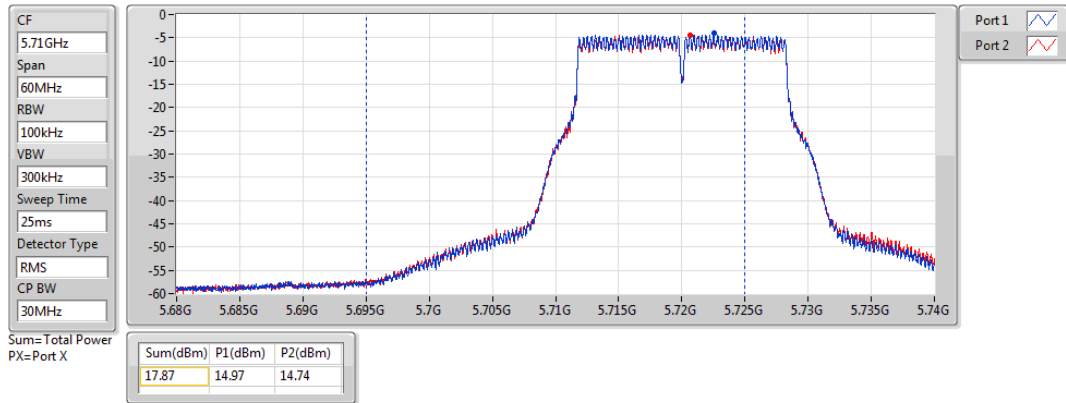
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5510MHz	Pass	8.00	13.56	13.72	16.65	21.98	24.65	30.00
5550MHz	Pass	8.00	17.30	17.04	20.18	21.98	28.18	30.00
5670MHz	Pass	8.00	15.09	14.54	17.83	21.98	25.83	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	18.53	18.12	21.34	21.98	29.34	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	8.76	8.50	11.64	28.00	19.64	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.00	12.30	12.22	15.27	21.98	23.27	30.00
5530MHz	Pass	8.00	12.65	12.68	15.68	21.98	23.68	30.00
5610MHz	Pass	8.00	16.33	16.16	19.26	21.98	27.26	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	18.68	17.99	21.36	21.98	29.36	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	5.02	4.87	7.96	28.00	15.96	36.00

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

802.11a_Nss1,(6Mbps)_2TX

AV Power

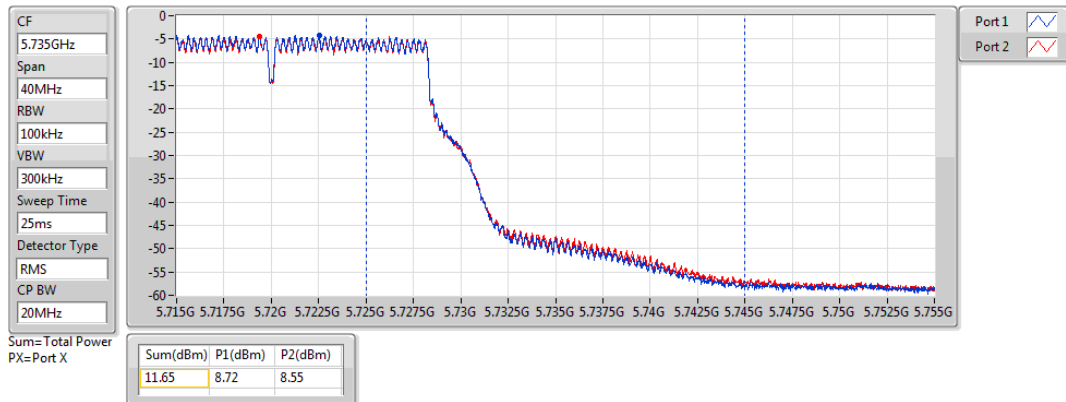
5720MHz Straddle 5.47-5.725GHz



802.11a_Nss1,(6Mbps)_2TX

AV Power

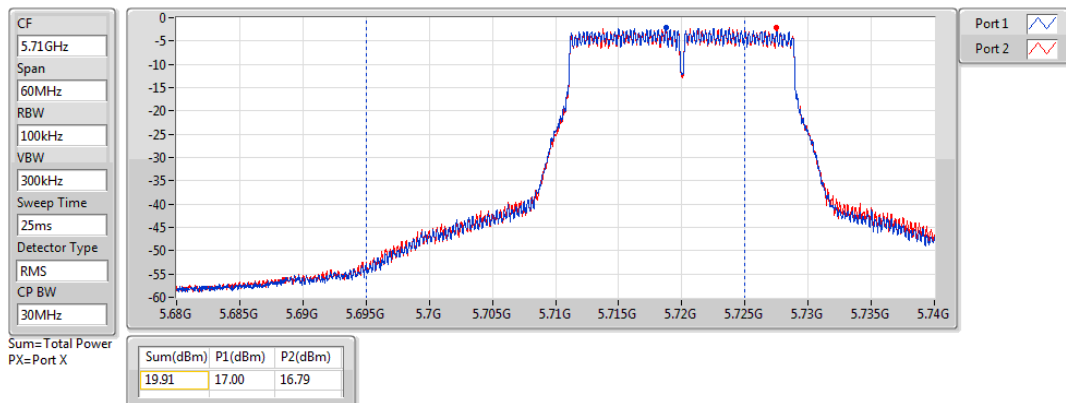
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

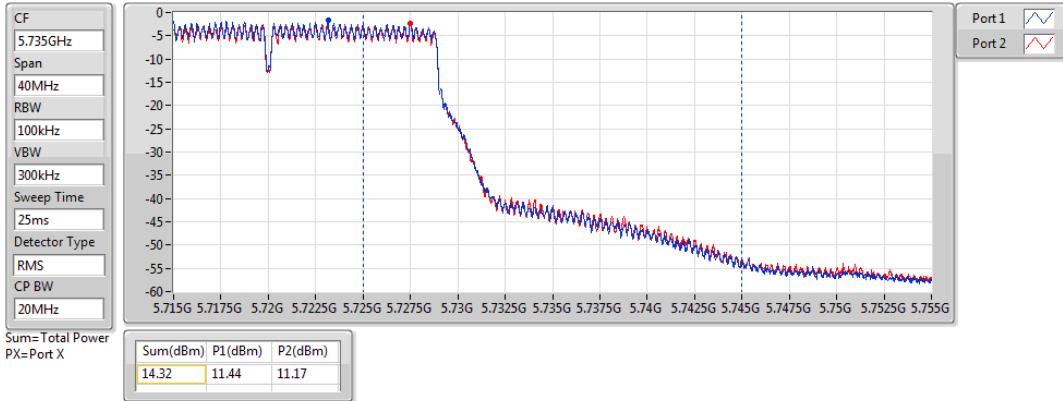


802.11ac VHT20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

09/01/2020

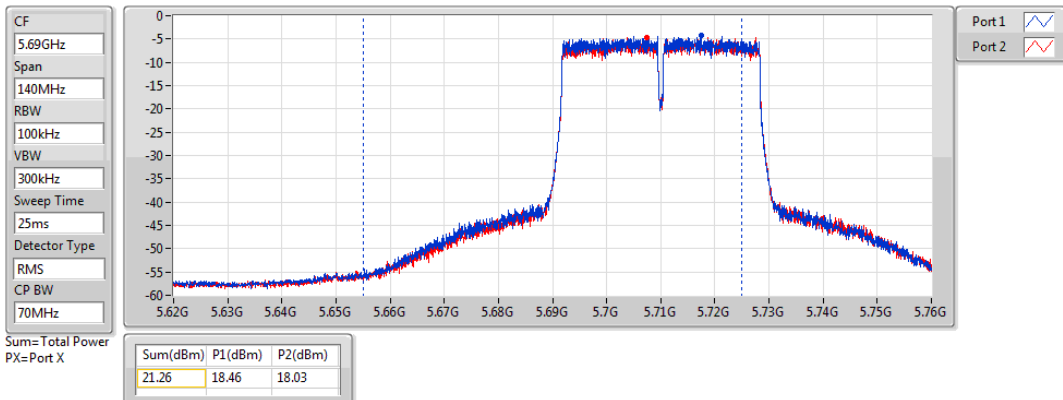


802.11ac VHT40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

09/01/2020

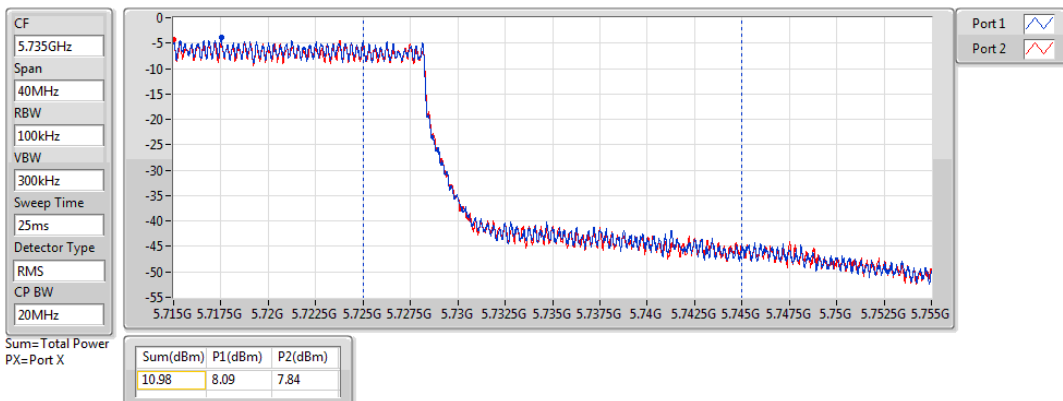


802.11ac VHT40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

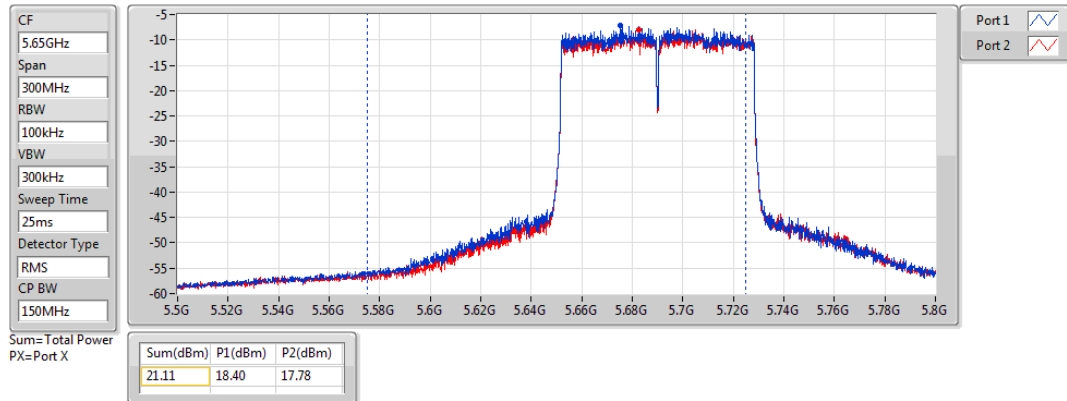
09/01/2020



802.11ac VHT80_Nss2,(MCS0)_2TX

AV Power

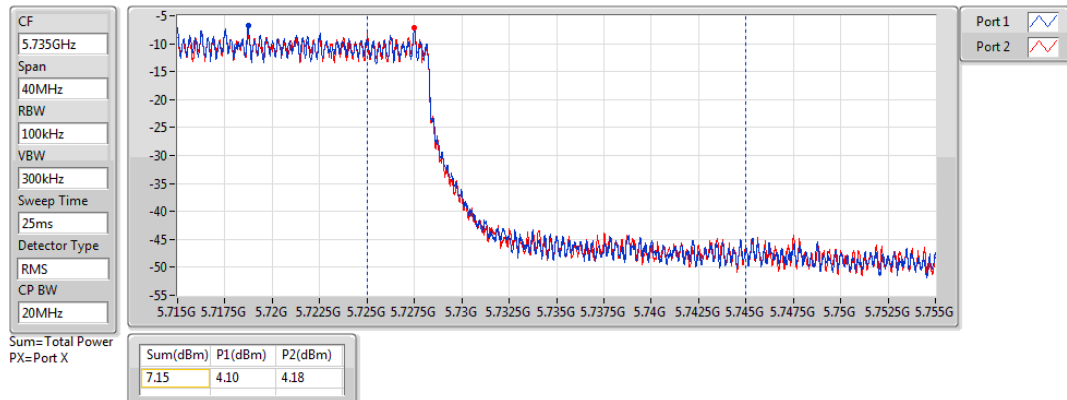
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss2,(MCS0)_2TX

AV Power

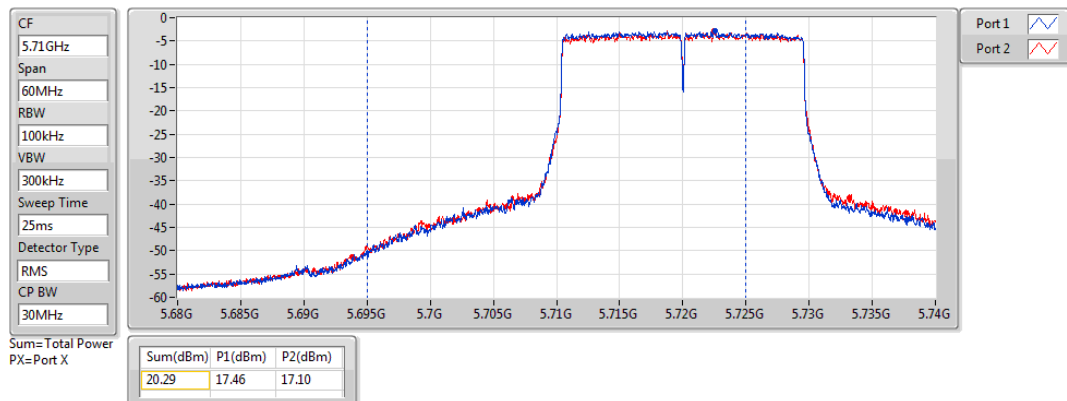
5690MHz Straddle 5.725-5.85GHz



802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

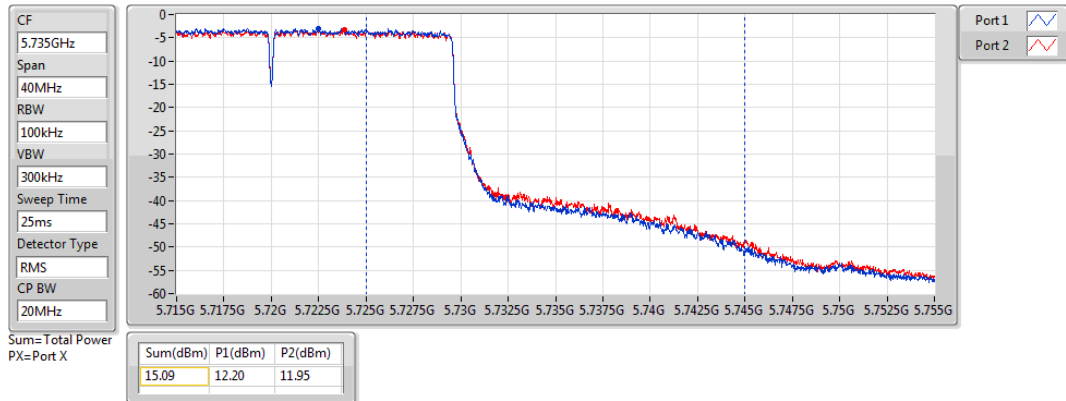


802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

09/01/2020

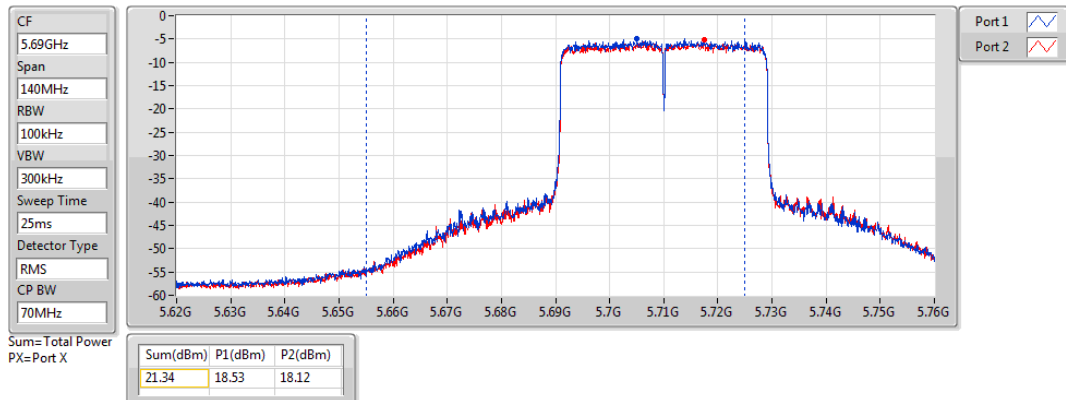


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

09/01/2020

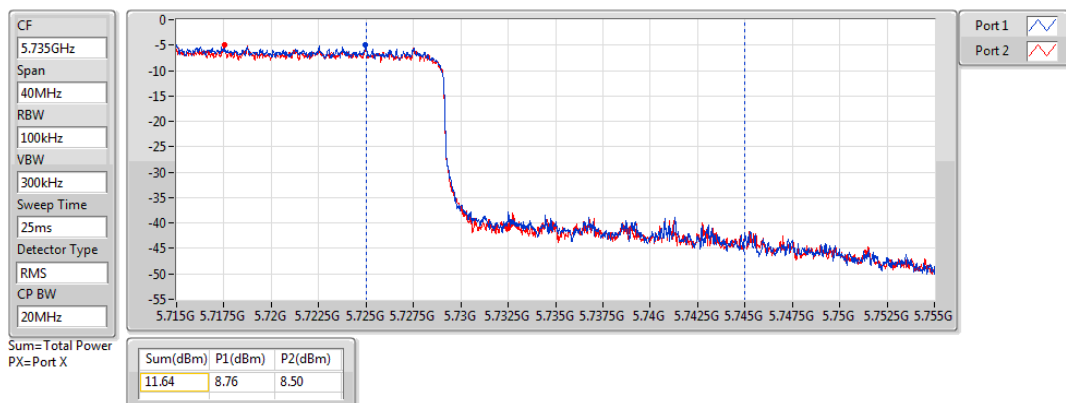


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

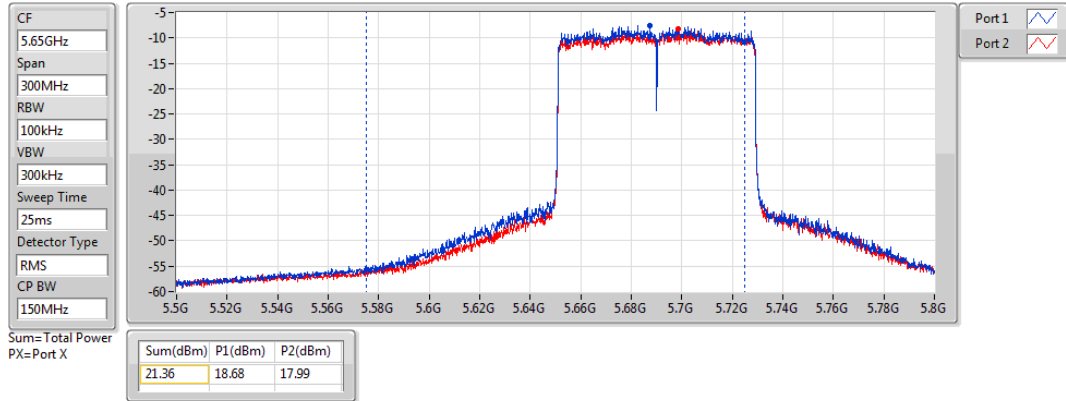
09/01/2020



802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

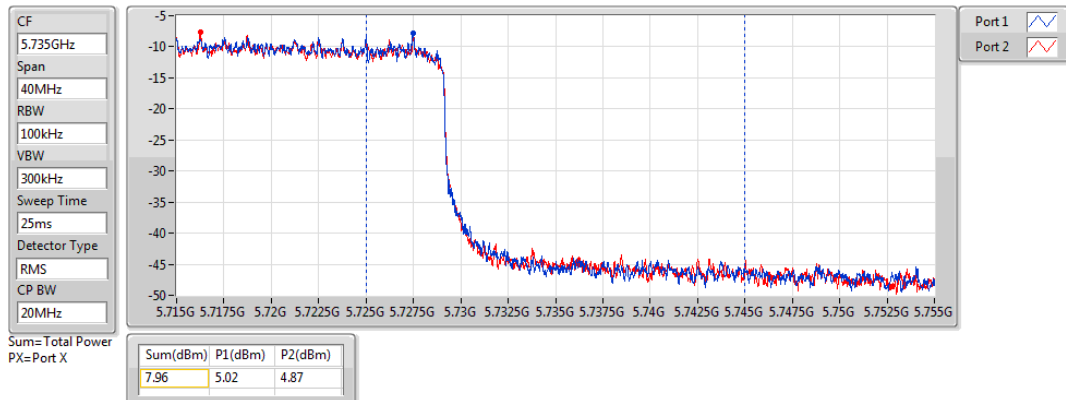
5690MHz Straddle 5.47-5.725GHz



802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz





Average Power_Non-Beamforming_Sample 2_Radio 2_Panel 1_1T1S

Appendix B.11

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	18.77	0.07534	29.47	0.88512
802.11ac VHT20_Nss1,(MCS0)_1TX	18.48	0.07047	29.18	0.82794
802.11ac VHT40_Nss1,(MCS0)_1TX	18.50	0.07079	29.20	0.83176
802.11ac VHT80_Nss1,(MCS0)_1TX	17.21	0.05260	27.91	0.61802
802.11ax HEW20_Nss1,(MCS0)_1TX	18.75	0.07499	29.45	0.88105
802.11ax HEW40_Nss1,(MCS0)_1TX	18.76	0.07516	29.46	0.88308
802.11ax HEW80_Nss1,(MCS0)_1TX	17.26	0.05321	27.96	0.62517
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	18.74	0.07482	29.44	0.87902
802.11ac VHT20_Nss1,(MCS0)_1TX	18.30	0.06761	29.00	0.79433
802.11ac VHT40_Nss1,(MCS0)_1TX	18.47	0.07031	29.17	0.82604
802.11ac VHT80_Nss1,(MCS0)_1TX	18.41	0.06934	29.11	0.81470
802.11ax HEW20_Nss1,(MCS0)_1TX	18.68	0.07379	29.38	0.86696
802.11ax HEW40_Nss1,(MCS0)_1TX	18.72	0.07447	29.42	0.87498
802.11ax HEW80_Nss1,(MCS0)_1TX	18.77	0.07534	29.47	0.88512
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	11.64	0.01459	22.34	0.17140
802.11ac VHT20_Nss1,(MCS0)_1TX	11.97	0.01574	22.67	0.18493
802.11ac VHT40_Nss1,(MCS0)_1TX	8.23	0.00665	18.93	0.07816
802.11ac VHT80_Nss1,(MCS0)_1TX	4.60	0.00288	15.30	0.03388
802.11ax HEW20_Nss1,(MCS0)_1TX	12.63	0.01832	23.33	0.21528
802.11ax HEW40_Nss1,(MCS0)_1TX	9.08	0.00809	19.78	0.09506
802.11ax HEW80_Nss1,(MCS0)_1TX	5.41	0.00348	16.11	0.04083



Average Power_Non-Beamforming_Sample 2_Radio 2_Panel 1_1T1S

Appendix B.11

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	10.70	18.72	18.72	19.28	29.42	30.00
5300MHz	Pass	10.70	18.68	18.68	19.28	29.38	30.00
5320MHz	Pass	10.70	18.77	18.77	19.28	29.47	30.00
5500MHz	Pass	10.70	17.16	17.16	19.28	27.86	30.00
5580MHz	Pass	10.70	18.74	18.74	19.28	29.44	30.00
5700MHz	Pass	10.70	18.68	18.68	19.28	29.38	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	17.69	17.69	18.23	28.39	28.93
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	11.64	11.64	25.30	22.34	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	10.70	18.48	18.48	19.28	29.18	30.00
5300MHz	Pass	10.70	18.33	18.33	19.28	29.03	30.00
5320MHz	Pass	10.70	18.28	18.28	19.28	28.98	30.00
5500MHz	Pass	10.70	17.88	17.88	19.28	28.58	30.00
5580MHz	Pass	10.70	18.30	18.30	19.28	29.00	30.00
5700MHz	Pass	10.70	16.03	16.03	19.28	26.73	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	17.51	17.51	18.25	28.21	28.95
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	11.97	11.97	25.30	22.67	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	10.70	18.50	18.50	19.28	29.20	30.00
5310MHz	Pass	10.70	16.97	16.97	19.28	27.67	30.00
5510MHz	Pass	10.70	16.19	16.19	19.28	26.89	30.00
5550MHz	Pass	10.70	18.34	18.34	19.28	29.04	30.00
5670MHz	Pass	10.70	18.47	18.47	19.28	29.17	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	18.31	18.31	19.28	29.01	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	8.23	8.23	25.30	18.93	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	10.70	17.21	17.21	19.28	27.91	30.00
5530MHz	Pass	10.70	16.26	16.26	19.28	26.96	30.00
5610MHz	Pass	10.70	18.41	18.41	19.28	29.11	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	18.41	18.41	19.28	29.11	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	4.60	4.60	25.30	15.30	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	10.70	18.66	18.66	19.28	29.36	30.00
5300MHz	Pass	10.70	18.75	18.75	19.28	29.45	30.00
5320MHz	Pass	10.70	18.69	18.69	19.28	29.39	30.00
5500MHz	Pass	10.70	18.16	18.16	19.28	28.86	30.00
5580MHz	Pass	10.70	18.68	18.68	19.28	29.38	30.00
5700MHz	Pass	10.70	16.18	16.18	19.28	26.88	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	17.75	17.75	18.26	28.45	28.96
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	12.63	12.63	25.30	23.33	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	10.70	18.76	18.76	19.28	29.46	30.00
5310MHz	Pass	10.70	17.11	17.11	19.28	27.81	30.00



**Average Power_Non-Beamforming_Sample 2_Radio 2_Panel
1_1T1S**

Appendix B.11

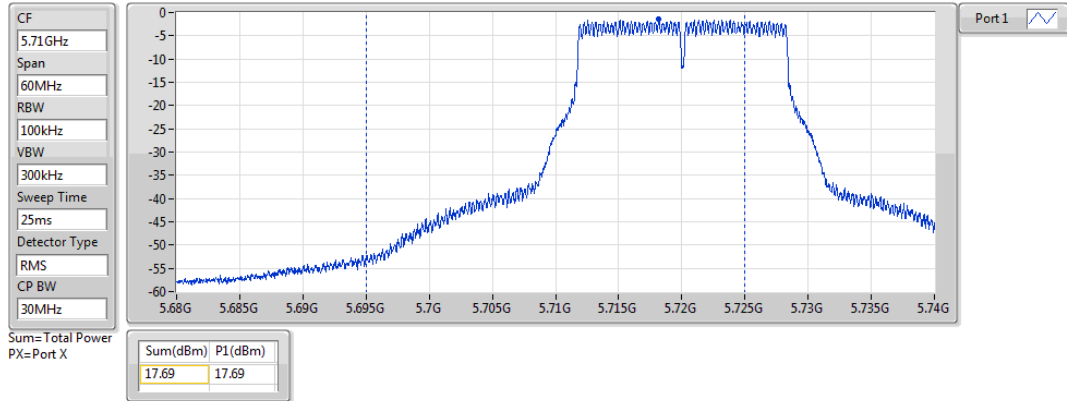
Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5510MHz	Pass	10.70	16.55	16.55	19.28	27.25	30.00
5550MHz	Pass	10.70	18.58	18.58	19.28	29.28	30.00
5670MHz	Pass	10.70	18.53	18.53	19.28	29.23	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	18.72	18.72	19.28	29.42	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	9.08	9.08	25.30	19.78	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	10.70	17.26	17.26	19.28	27.96	30.00
5530MHz	Pass	10.70	16.29	16.29	19.28	26.99	30.00
5610MHz	Pass	10.70	18.77	18.77	19.28	29.47	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	18.66	18.66	19.28	29.36	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	5.41	5.41	25.30	16.11	36.00

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

802.11a_Nss1,(6Mbps)_1TX

AV Power

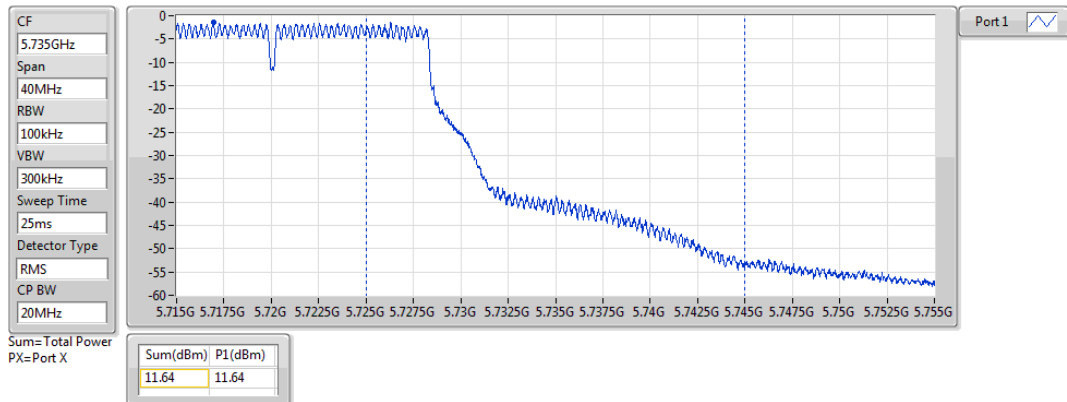
5720MHz Straddle 5.47-5.725GHz



802.11a_Nss1,(6Mbps)_1TX

AV Power

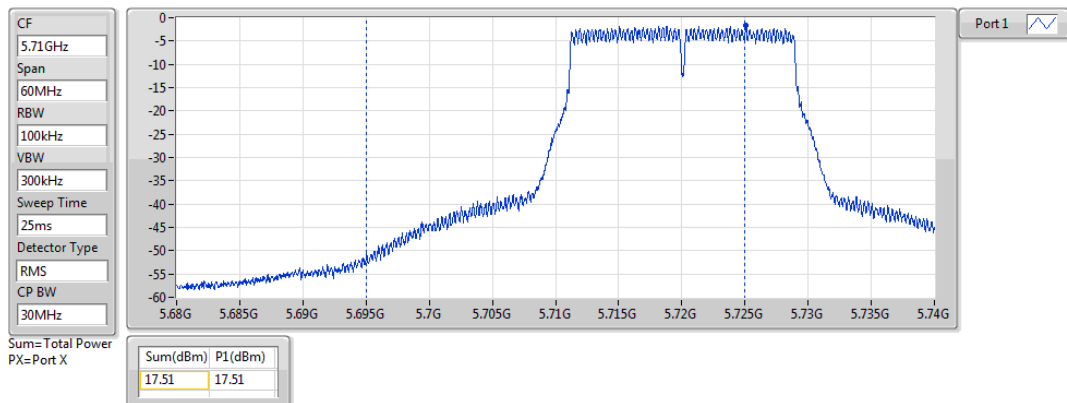
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

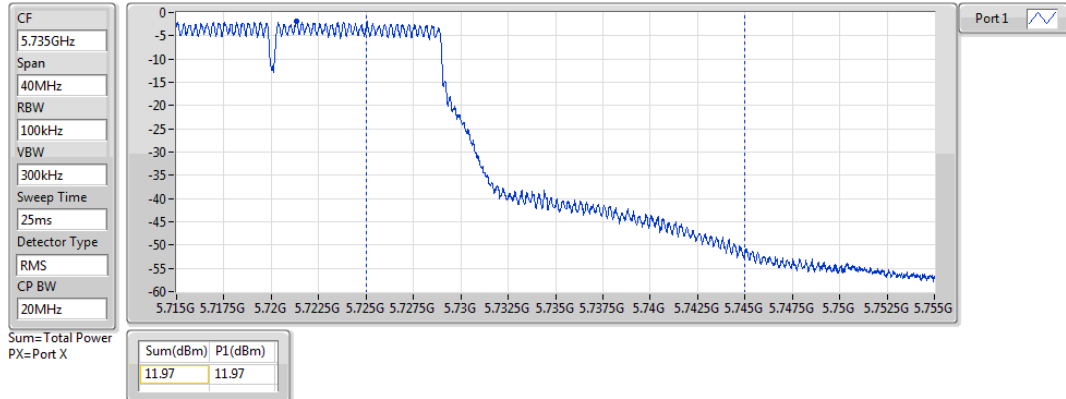


802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

13/01/2020

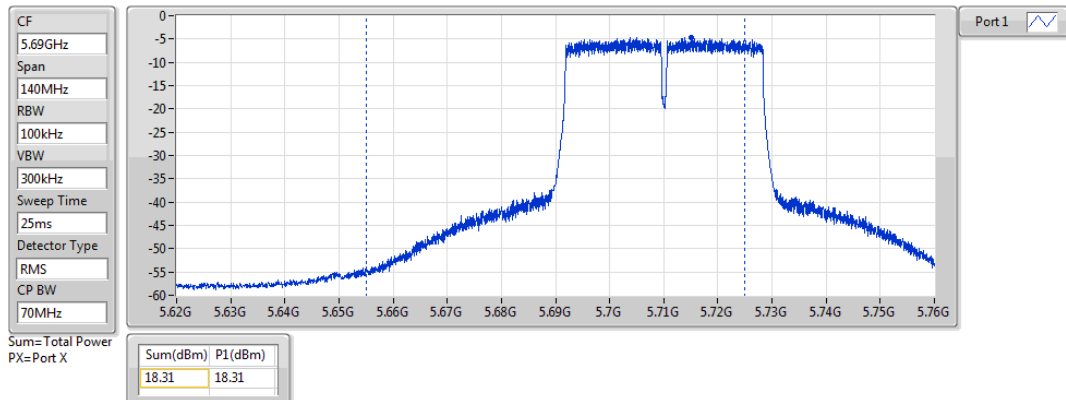


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

13/01/2020

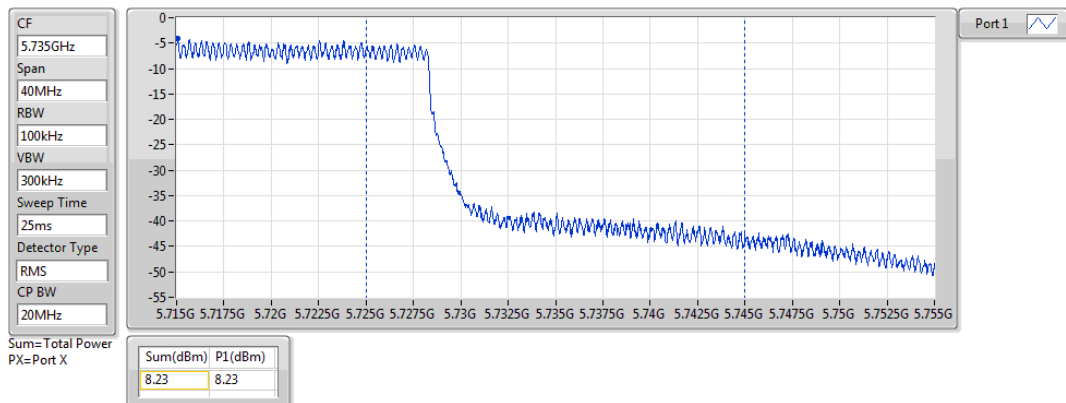


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

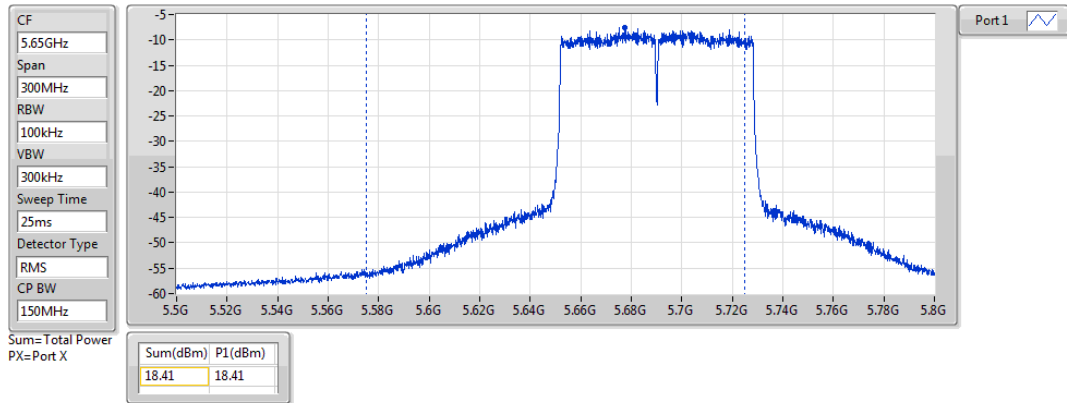
13/01/2020



802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

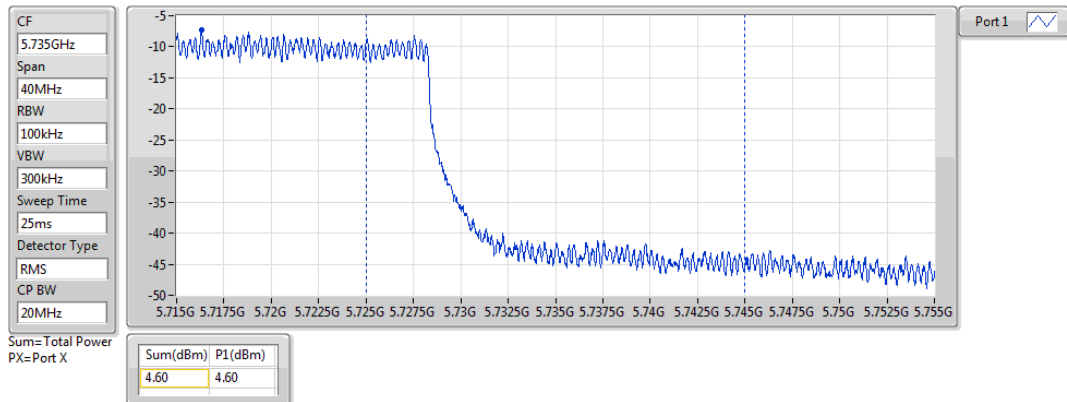
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

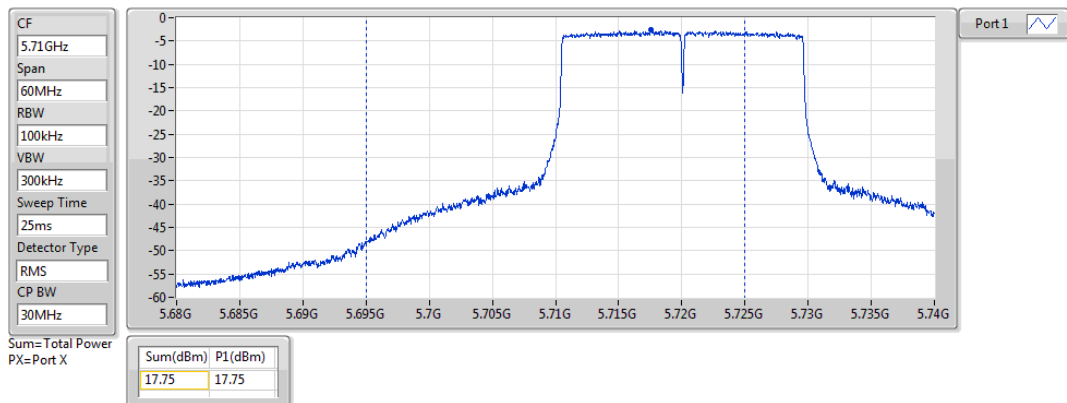
5690MHz Straddle 5.725-5.85GHz



802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

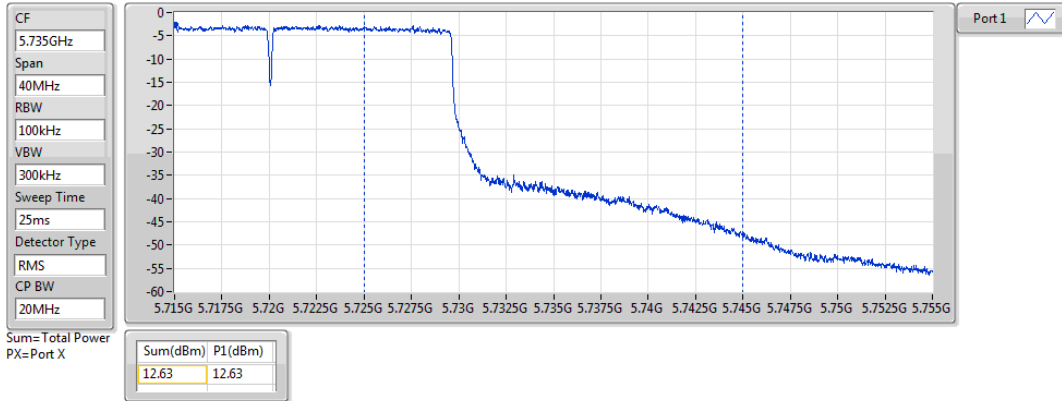


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

13/01/2020

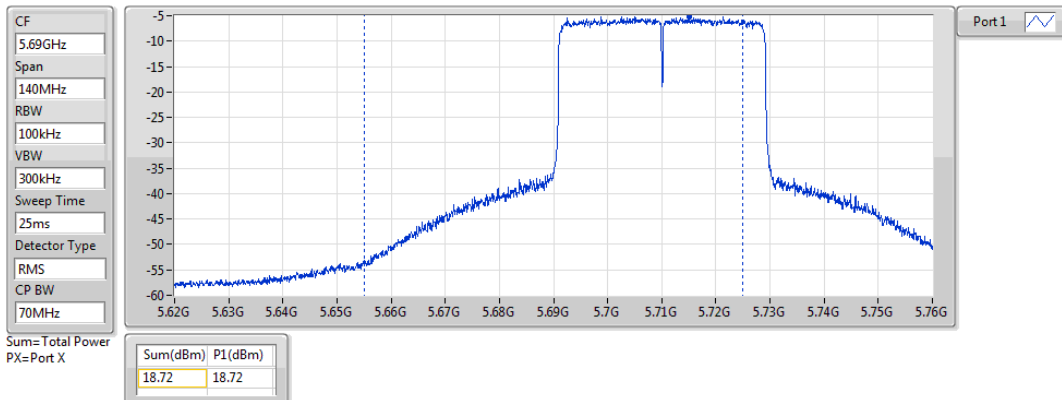


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

13/01/2020

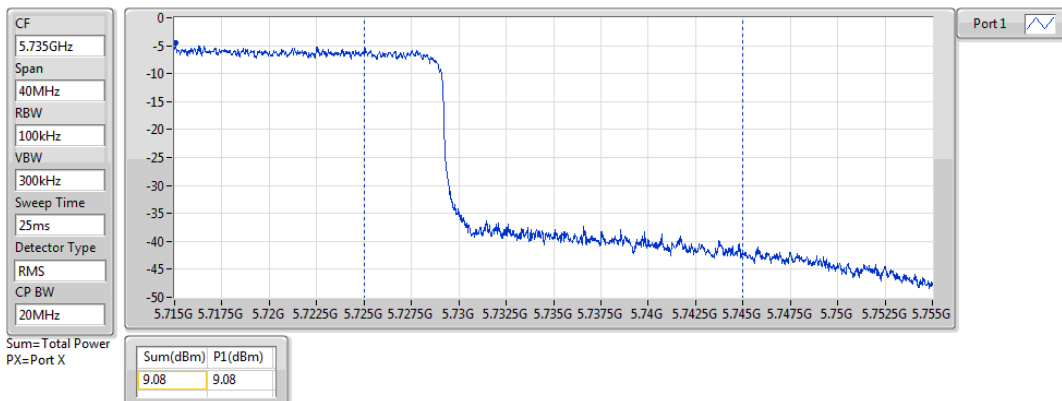


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

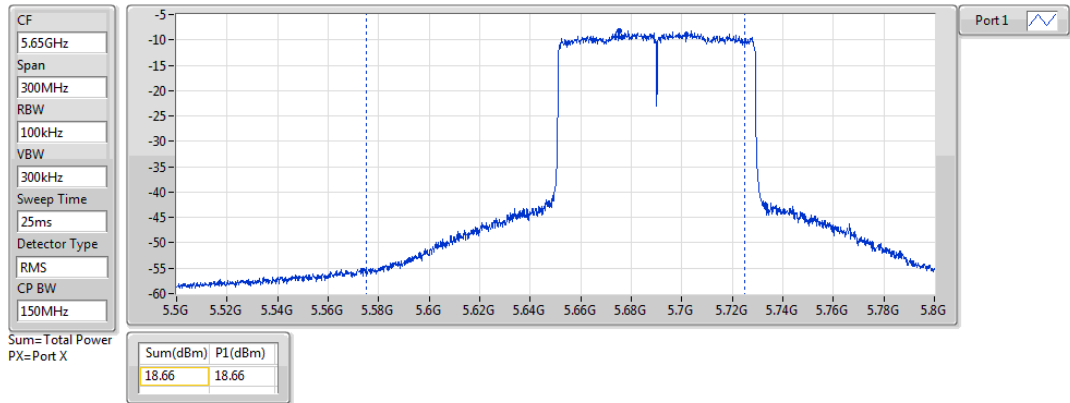
13/01/2020



802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

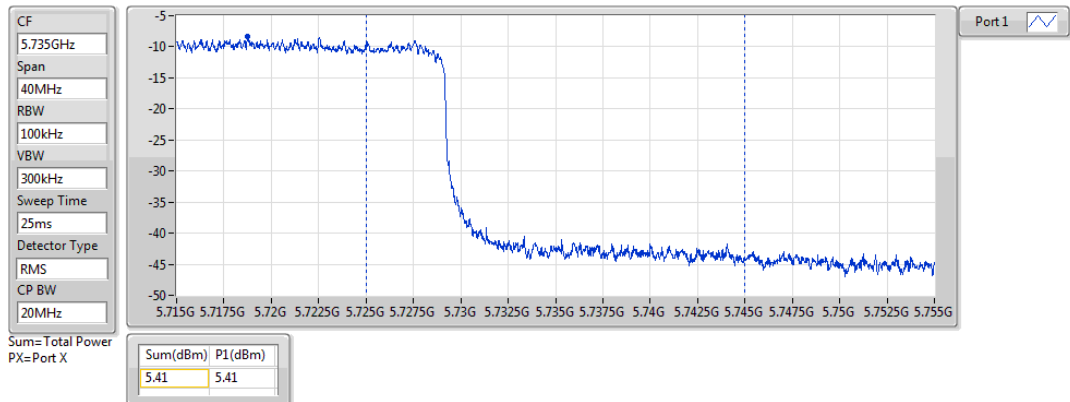
5690MHz Straddle 5.47-5.725GHz



802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz





Average Power_Non-Beamforming_Sample 2_Radio 2_Panel 1_2T2S

Appendix B.12

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.48	0.04446	27.18	0.52240
802.11ac VHT20_Nss2,(MCS0)_2TX	18.49	0.07063	29.19	0.82985
802.11ac VHT40_Nss2,(MCS0)_2TX	18.40	0.06918	29.10	0.81283
802.11ac VHT80_Nss2,(MCS0)_2TX	18.06	0.06397	28.76	0.75162
802.11ax HEW20_Nss2,(MCS0)_2TX	18.75	0.07499	29.45	0.88105
802.11ax HEW40_Nss2,(MCS0)_2TX	18.72	0.07447	29.42	0.87498
802.11ax HEW80_Nss2,(MCS0)_2TX	18.26	0.06699	28.96	0.78705
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.49	0.04457	27.19	0.52360
802.11ac VHT20_Nss2,(MCS0)_2TX	18.30	0.06761	29.00	0.79433
802.11ac VHT40_Nss2,(MCS0)_2TX	18.40	0.06918	29.10	0.81283
802.11ac VHT80_Nss2,(MCS0)_2TX	18.47	0.07031	29.17	0.82604
802.11ax HEW20_Nss2,(MCS0)_2TX	18.68	0.07379	29.38	0.86696
802.11ax HEW40_Nss2,(MCS0)_2TX	18.78	0.07551	29.48	0.88716
802.11ax HEW80_Nss2,(MCS0)_2TX	18.77	0.07534	29.47	0.88512
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	9.16	0.00824	19.86	0.09683
802.11ac VHT20_Nss2,(MCS0)_2TX	11.83	0.01524	22.53	0.17906
802.11ac VHT40_Nss2,(MCS0)_2TX	7.90	0.00617	18.60	0.07244
802.11ac VHT80_Nss2,(MCS0)_2TX	4.37	0.00274	15.07	0.03214
802.11ax HEW20_Nss2,(MCS0)_2TX	12.44	0.01754	23.14	0.20606
802.11ax HEW40_Nss2,(MCS0)_2TX	8.91	0.00778	19.61	0.09141
802.11ax HEW80_Nss2,(MCS0)_2TX	5.41	0.00348	16.11	0.04083

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	10.70	13.28	13.31	16.31	19.28	27.01	30.00
5300MHz	Pass	10.70	13.33	13.60	16.48	19.28	27.18	30.00
5320MHz	Pass	10.70	13.20	13.68	16.46	19.28	27.16	30.00
5500MHz	Pass	10.70	12.69	14.04	16.43	19.28	27.13	30.00
5580MHz	Pass	10.70	12.60	13.55	16.11	19.28	26.81	30.00
5700MHz	Pass	10.70	13.23	13.71	16.49	19.28	27.19	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	11.93	12.47	15.22	18.19	25.92	28.89
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	5.96	6.33	9.16	25.30	19.86	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	10.70	15.22	15.30	18.27	19.28	28.97	30.00
5300MHz	Pass	10.70	15.16	15.47	18.33	19.28	29.03	30.00
5320MHz	Pass	10.70	15.28	15.68	18.49	19.28	29.19	30.00
5500MHz	Pass	10.70	14.73	15.78	18.30	19.28	29.00	30.00
5580MHz	Pass	10.70	14.85	15.42	18.15	19.28	28.85	30.00
5700MHz	Pass	10.70	14.92	15.56	18.26	19.28	28.96	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	14.16	14.59	17.39	18.25	28.09	28.95
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	8.59	9.03	11.83	25.30	22.53	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	10.70	15.19	15.58	18.40	19.28	29.10	30.00
5310MHz	Pass	10.70	14.53	15.03	17.80	19.28	28.50	30.00
5510MHz	Pass	10.70	14.23	14.82	17.55	19.28	28.25	30.00
5550MHz	Pass	10.70	15.19	15.56	18.39	19.28	29.09	30.00
5670MHz	Pass	10.70	15.22	15.56	18.40	19.28	29.10	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	15.05	15.31	18.19	19.28	28.89	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	4.76	5.02	7.90	25.30	18.60	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	10.70	14.67	15.39	18.06	19.28	28.76	30.00
5530MHz	Pass	10.70	14.48	14.57	17.54	19.28	28.24	30.00
5610MHz	Pass	10.70	15.20	15.70	18.47	19.28	29.17	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	15.05	15.60	18.34	19.28	29.04	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	1.05	1.65	4.37	25.30	15.07	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	10.70	15.56	15.52	18.55	19.28	29.25	30.00
5300MHz	Pass	10.70	15.54	15.75	18.66	19.28	29.36	30.00
5320MHz	Pass	10.70	15.51	15.95	18.75	19.28	29.45	30.00
5500MHz	Pass	10.70	15.29	16.01	18.68	19.28	29.38	30.00
5580MHz	Pass	10.70	15.20	15.79	18.52	19.28	29.22	30.00
5700MHz	Pass	10.70	15.33	15.86	18.61	19.28	29.31	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	14.29	14.74	17.53	18.22	28.23	28.92
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	9.24	9.61	12.44	25.30	23.14	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	10.70	15.56	15.86	18.72	19.28	29.42	30.00
5310MHz	Pass	10.70	14.55	15.35	17.98	19.28	28.68	30.00



**Average Power_Non-Beamforming_Sample 2_Radio 2_Panel
1_2T2S**

Appendix B.12

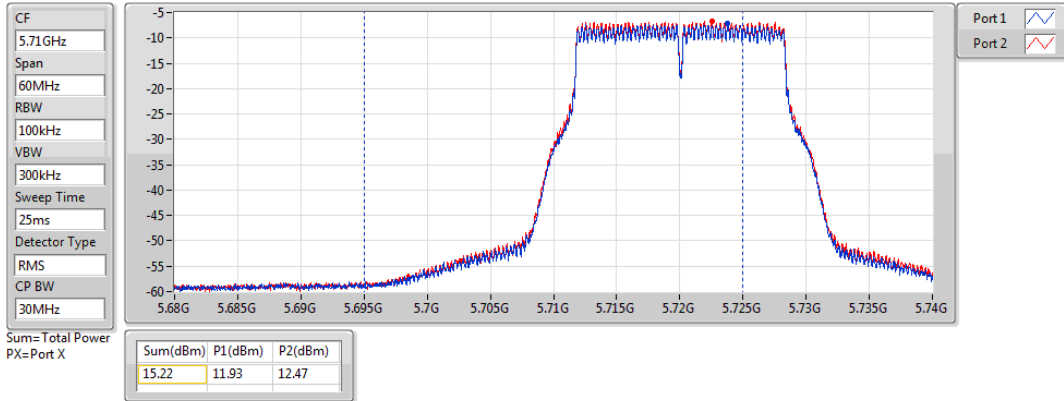
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5510MHz	Pass	10.70	14.51	15.05	17.80	19.28	28.50	30.00
5550MHz	Pass	10.70	15.53	15.99	18.78	19.28	29.48	30.00
5670MHz	Pass	10.70	15.55	15.77	18.67	19.28	29.37	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	15.49	15.75	18.63	19.28	29.33	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	5.81	5.99	8.91	25.30	19.61	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	10.70	14.86	15.60	18.26	19.28	28.96	30.00
5530MHz	Pass	10.70	14.79	14.90	17.86	19.28	28.56	30.00
5610MHz	Pass	10.70	15.53	15.93	18.74	19.28	29.44	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	15.51	16.00	18.77	19.28	29.47	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	2.18	2.60	5.41	25.30	16.11	36.00

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

802.11a_Nss1,(6Mbps)_2TX

AV Power

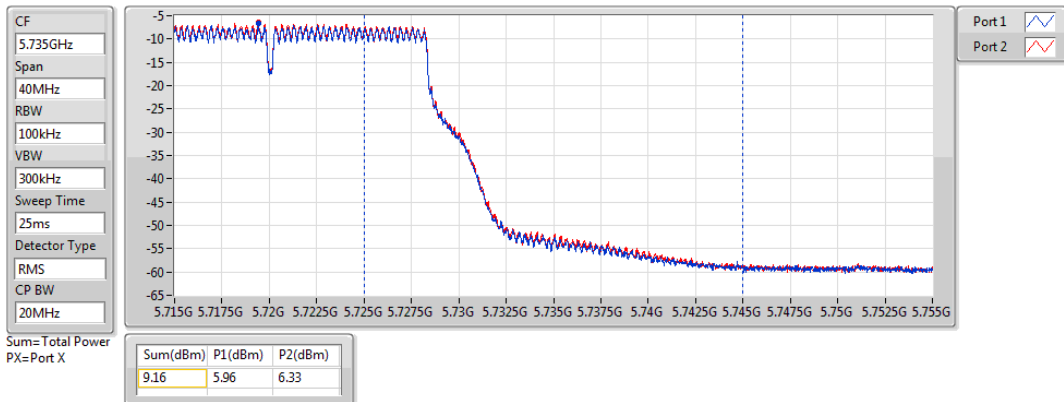
5720MHz Straddle 5.47-5.725GHz



802.11a_Nss1,(6Mbps)_2TX

AV Power

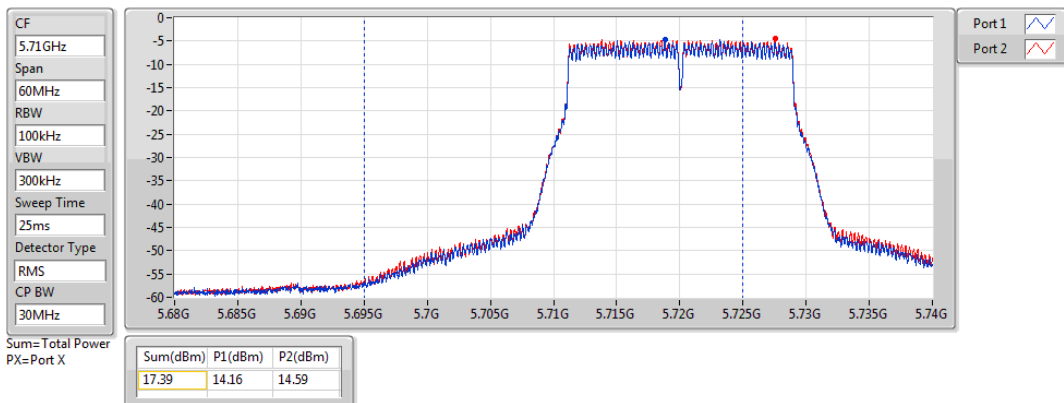
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20_Nss2,(MCS0)_2TX

AV Power

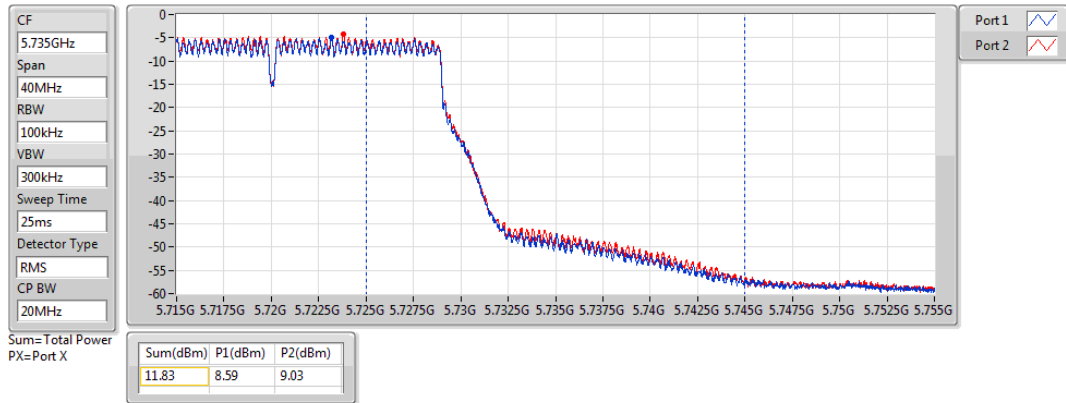
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20_Nss2,(MCS0)_2TX

AV Power

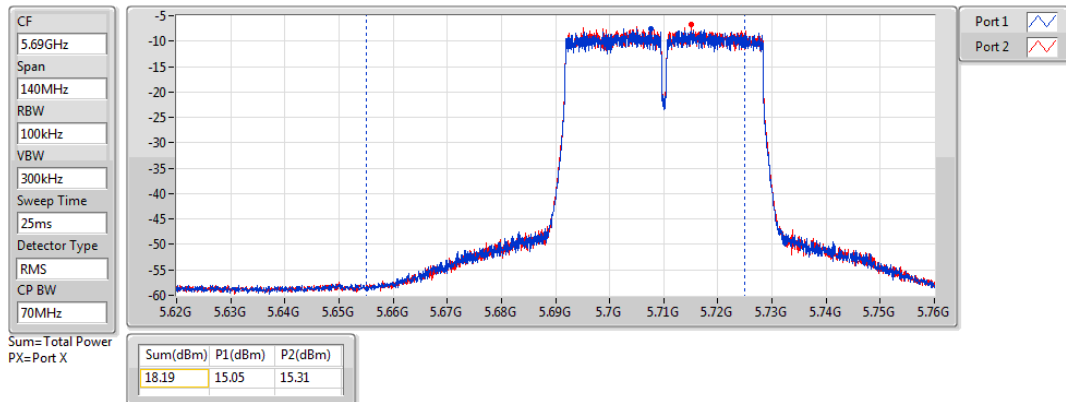
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT40_Nss2,(MCS0)_2TX

AV Power

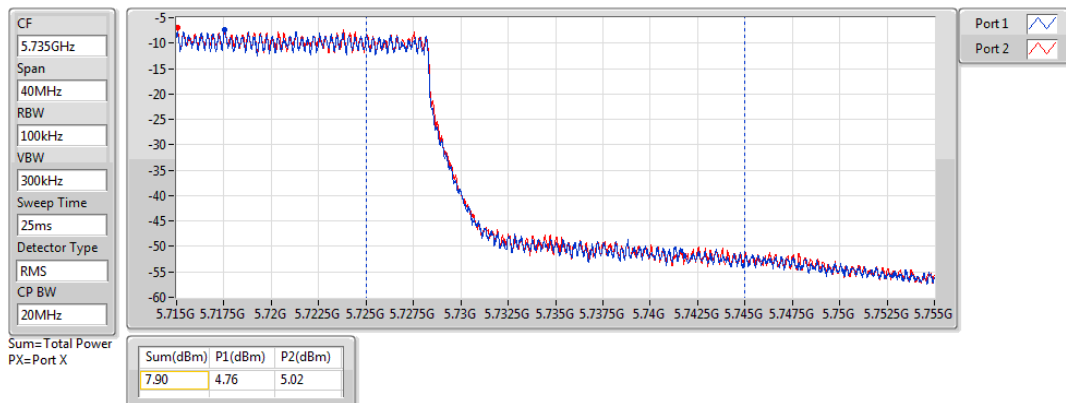
5710MHz Straddle 5.47-5.725GHz



802.11ac VHT40_Nss2,(MCS0)_2TX

AV Power

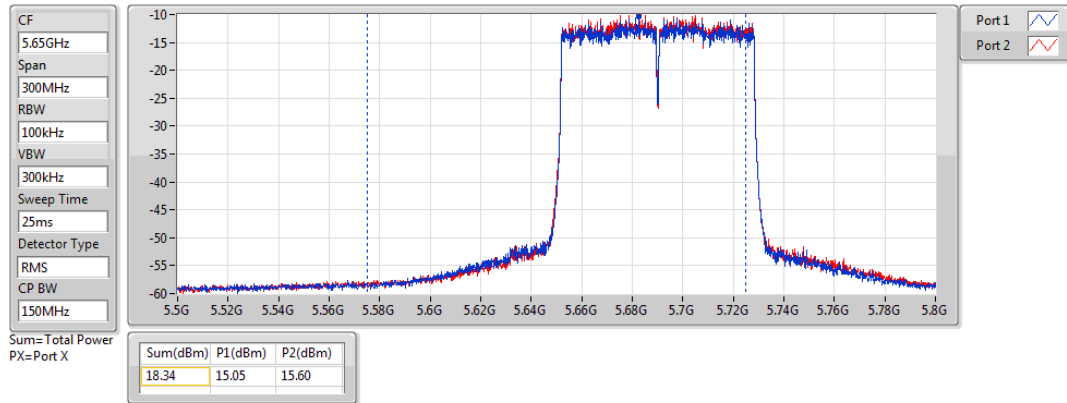
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT80_Nss2,(MCS0)_2TX

AV Power

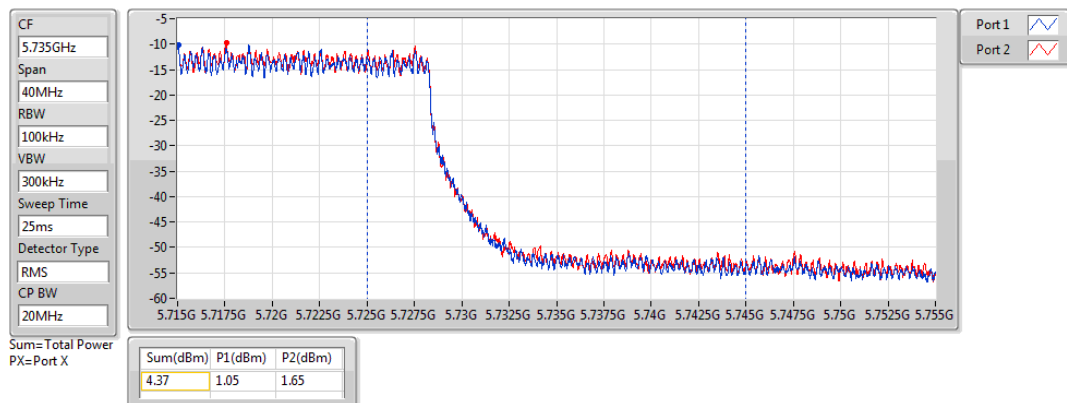
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss2,(MCS0)_2TX

AV Power

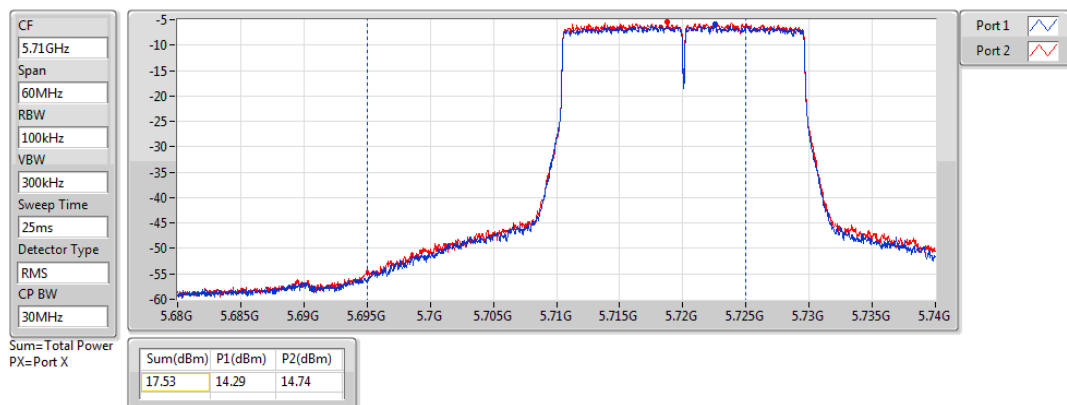
5690MHz Straddle 5.725-5.85GHz



802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

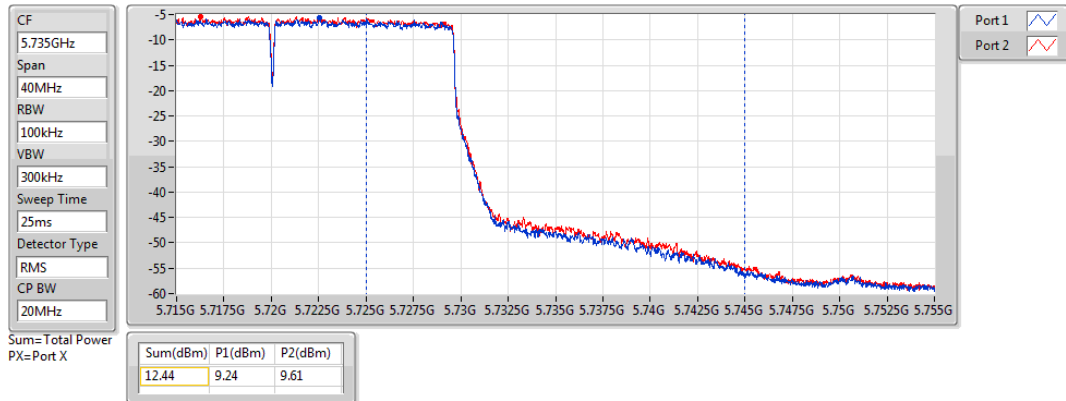
5720MHz Straddle 5.47-5.725GHz



802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

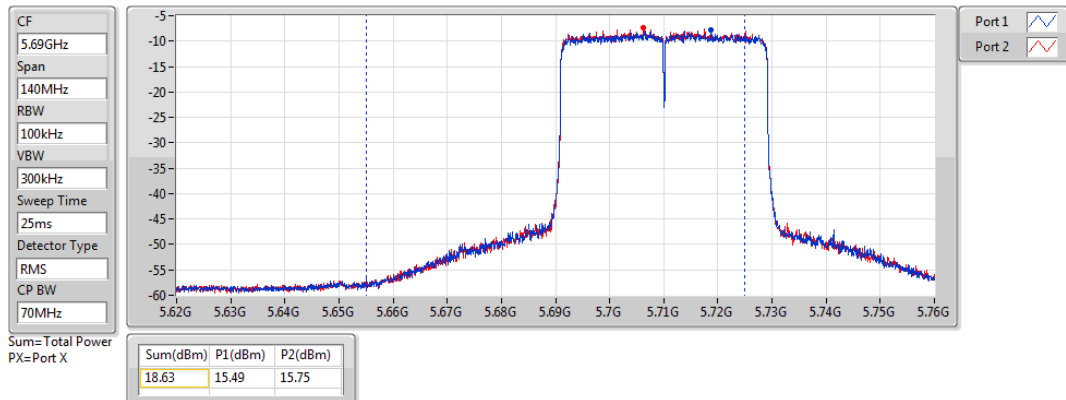
5720MHz Straddle 5.725-5.85GHz



802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

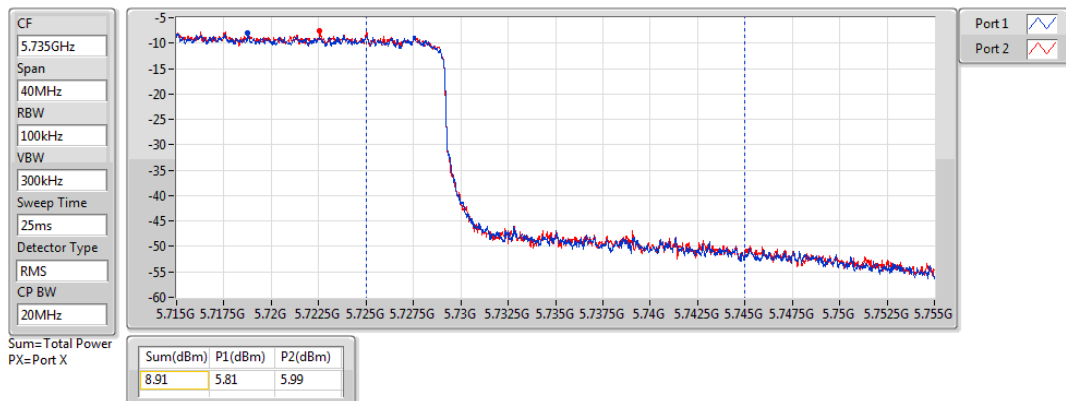
5710MHz Straddle 5.47-5.725GHz



802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

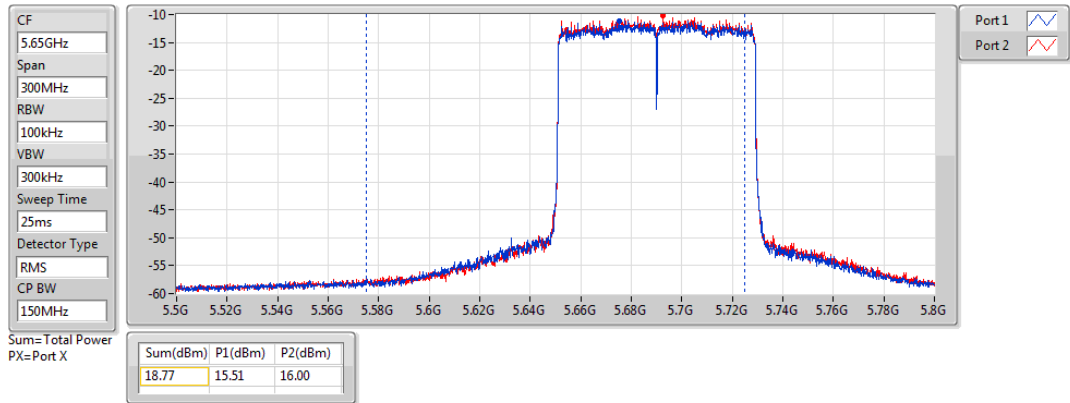
5710MHz Straddle 5.725-5.85GHz



802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

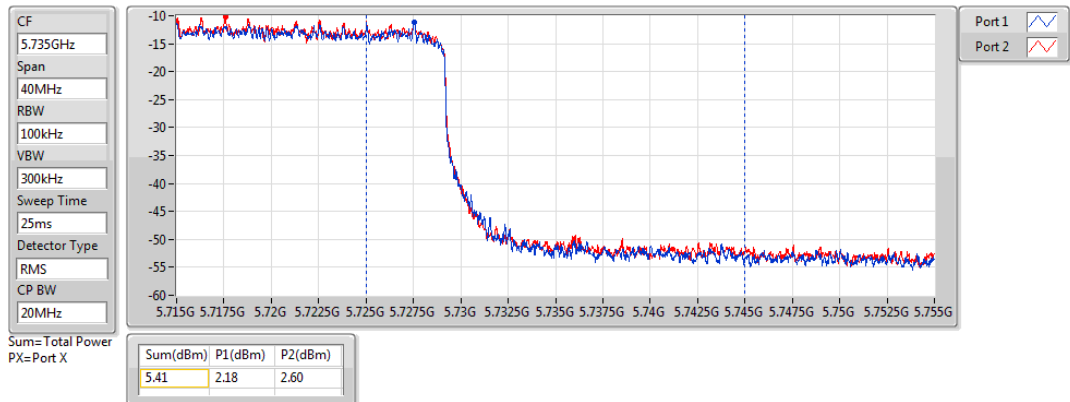
5690MHz Straddle 5.47-5.725GHz



802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	20.97	0.12503	29.10	0.81283
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.25	0.13335	29.38	0.86696
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	21.00	0.12589	29.13	0.81846
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.23	0.13274	29.36	0.86298
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.33	0.13583	29.46	0.88308
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	21.06	0.12764	29.19	0.82985
5.47-5.725GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.13	0.12972	29.26	0.84333
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.13	0.12972	29.26	0.84333
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	21.21	0.13213	29.34	0.85901
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.30	0.13490	29.43	0.87700
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.35	0.13646	29.48	0.88716
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	21.25	0.13335	29.38	0.86696
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	14.75	0.02985	22.88	0.19409
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	9.47	0.00885	17.60	0.05754
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	6.80	0.00479	14.93	0.03112
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	15.19	0.03304	23.32	0.21478
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	10.43	0.01104	18.56	0.07178
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	7.90	0.00617	16.03	0.04009

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.13	17.91	18.01	20.97	21.85	29.10	30.00
5300MHz	Pass	8.13	17.79	18.00	20.91	21.85	29.04	30.00
5320MHz	Pass	8.13	17.67	17.96	20.83	21.85	28.96	30.00
5500MHz	Pass	8.13	18.27	17.97	21.13	21.85	29.26	30.00
5580MHz	Pass	8.13	17.98	18.21	21.11	21.85	29.24	30.00
5700MHz	Pass	8.13	18.01	18.16	21.10	21.85	29.23	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.13	17.10	17.26	20.19	20.87	28.32	29.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.13	11.63	11.85	14.75	27.87	22.88	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	8.13	18.33	18.14	21.25	21.85	29.38	30.00
5310MHz	Pass	8.13	17.56	17.53	20.56	21.85	28.69	30.00
5510MHz	Pass	8.13	16.09	16.11	19.11	21.85	27.24	30.00
5550MHz	Pass	8.13	17.86	18.18	21.03	21.85	29.16	30.00
5670MHz	Pass	8.13	18.01	18.22	21.13	21.85	29.26	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.13	17.91	17.94	20.94	21.85	29.07	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.13	7.55	4.99	9.47	27.87	17.60	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.13	17.95	18.02	21.00	21.85	29.13	30.00
5530MHz	Pass	8.13	16.54	16.12	19.35	21.85	27.48	30.00
5610MHz	Pass	8.13	18.17	18.22	21.21	21.85	29.34	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.13	17.72	18.08	20.91	21.85	29.04	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.13	3.46	4.09	6.80	27.87	14.93	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.13	18.07	18.37	21.23	21.85	29.36	30.00
5300MHz	Pass	8.13	18.10	18.17	21.15	21.85	29.28	30.00
5320MHz	Pass	8.13	17.84	18.28	21.08	21.85	29.21	30.00
5500MHz	Pass	8.13	18.30	18.28	21.30	21.85	29.43	30.00
5580MHz	Pass	8.13	18.11	18.30	21.22	21.85	29.35	30.00
5700MHz	Pass	8.13	18.16	18.40	21.29	21.85	29.42	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.13	17.19	17.32	20.27	20.82	28.40	28.95
5720MHz Straddle 5.725-5.85GHz	Pass	8.13	12.01	12.34	15.19	27.87	23.32	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	8.13	18.40	18.24	21.33	21.85	29.46	30.00
5310MHz	Pass	8.13	17.73	17.47	20.61	21.85	28.74	30.00
5510MHz	Pass	8.13	16.12	16.17	19.16	21.85	27.29	30.00
5550MHz	Pass	8.13	18.13	18.12	21.14	21.85	29.27	30.00
5670MHz	Pass	8.13	18.38	18.29	21.35	21.85	29.48	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.13	18.30	18.21	21.27	21.85	29.40	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.13	6.52	8.17	10.43	27.87	18.56	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.13	18.00	18.10	21.06	21.85	29.19	30.00
5530MHz	Pass	8.13	16.06	16.80	19.46	21.85	27.59	30.00
5610MHz	Pass	8.13	18.23	18.24	21.25	21.85	29.38	30.00



Average Power_Beamforming_Sample 1_Radio 1_2T1S

Appendix B.13

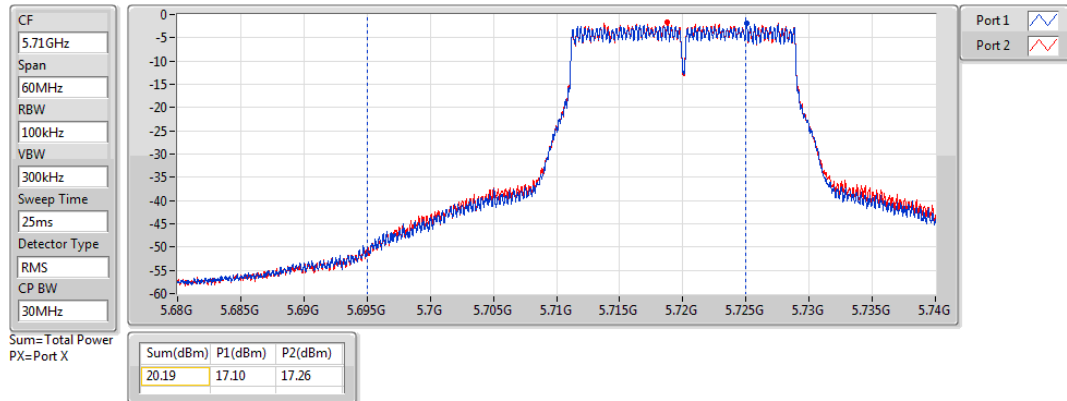
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5690MHz Straddle 5.47-5.725GHz	Pass	8.13	18.09	18.38	21.25	21.85	29.38	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.13	4.71	5.06	7.90	27.87	16.03	36.00

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

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

AV Power

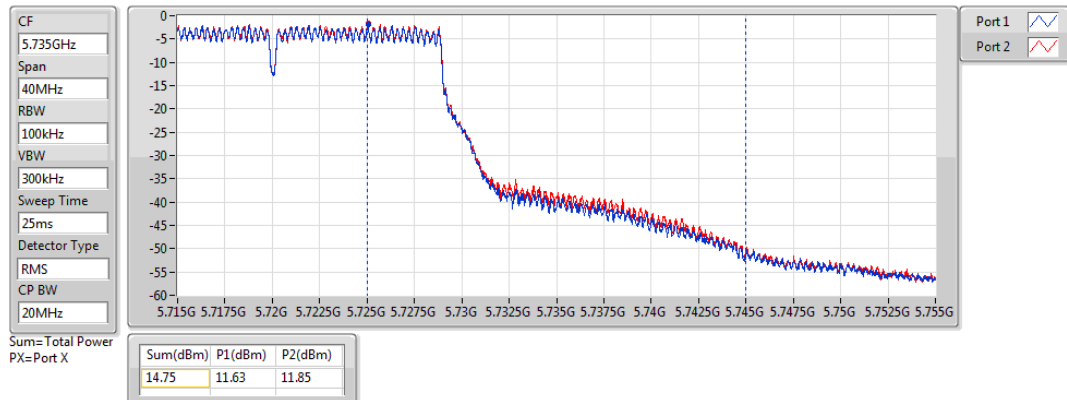
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

AV Power

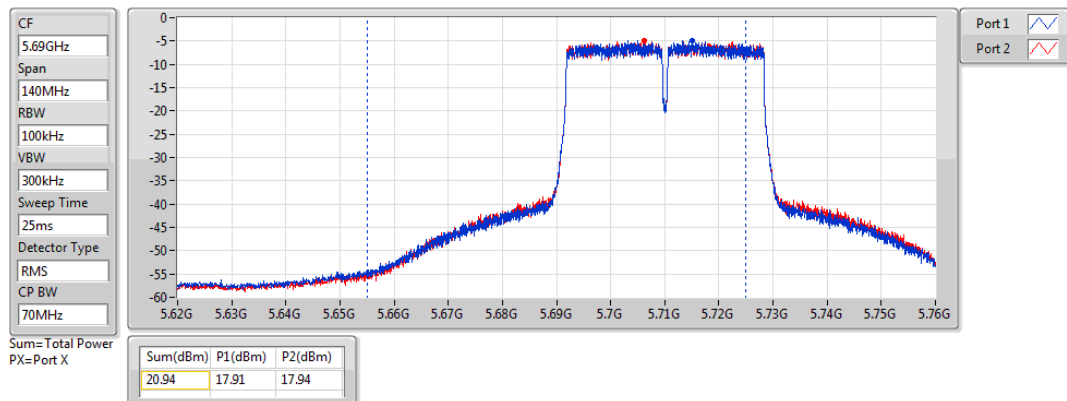
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

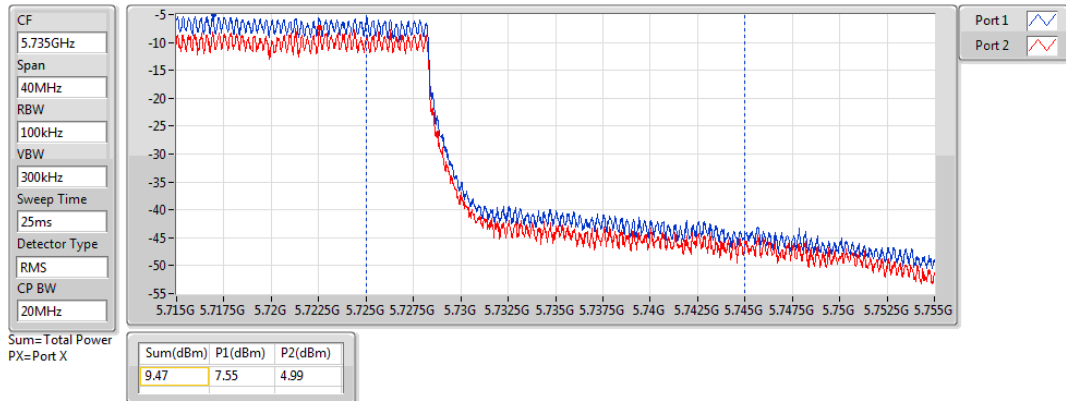


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

15/01/2020

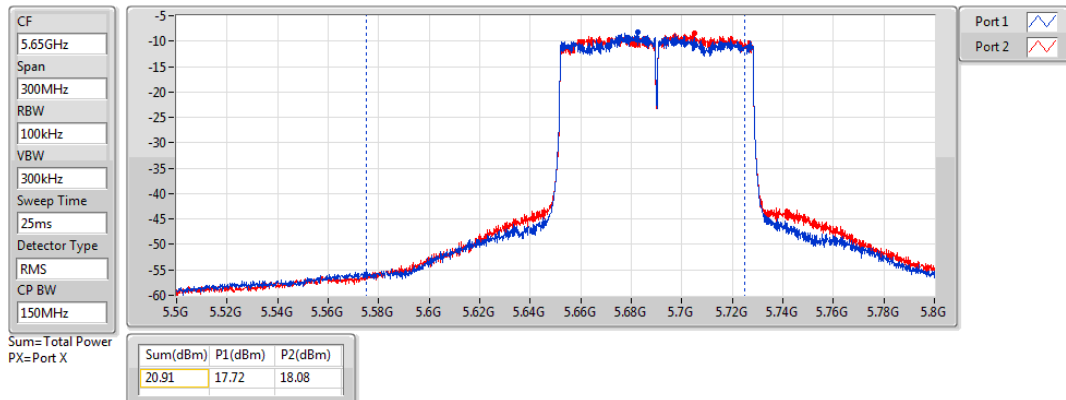


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

15/01/2020

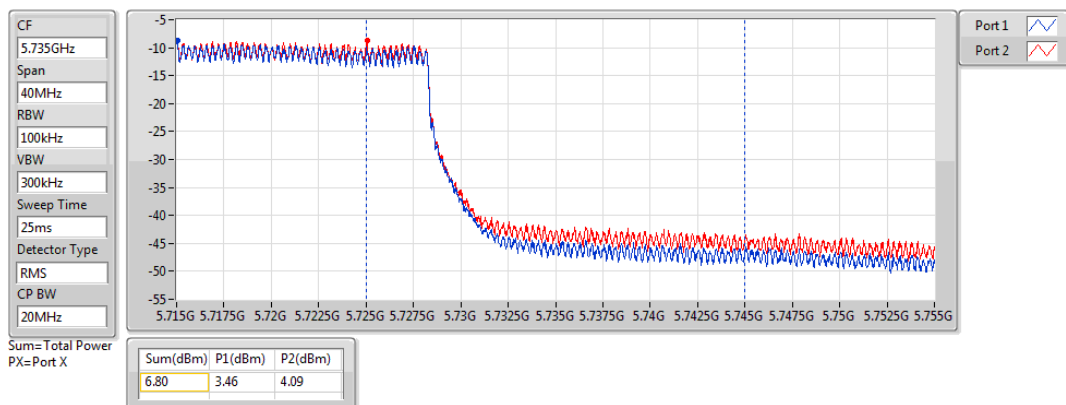


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

15/01/2020

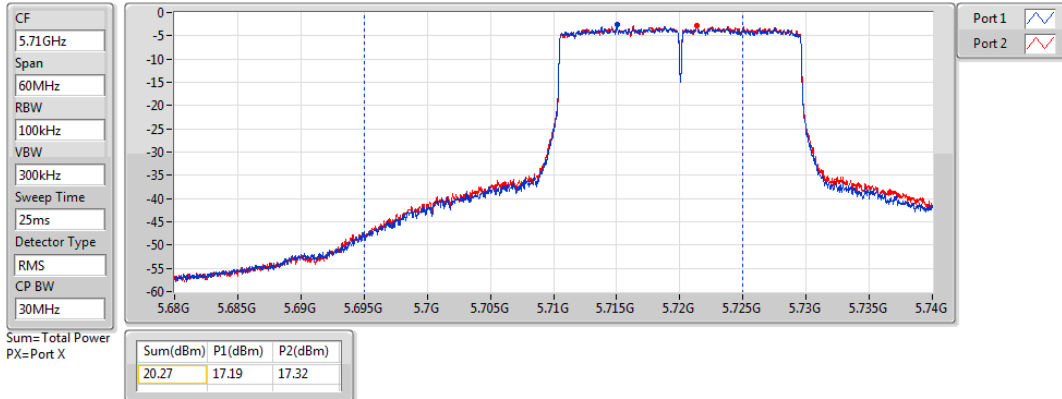


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

14/01/2020

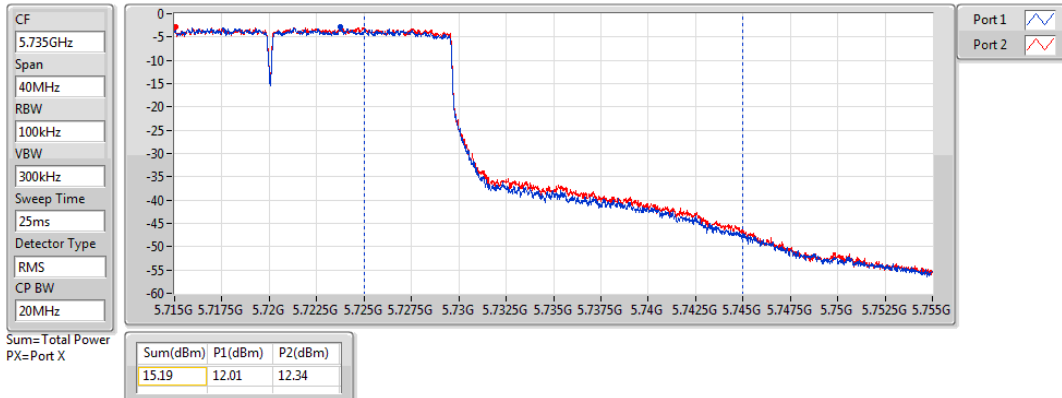


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

15/01/2020

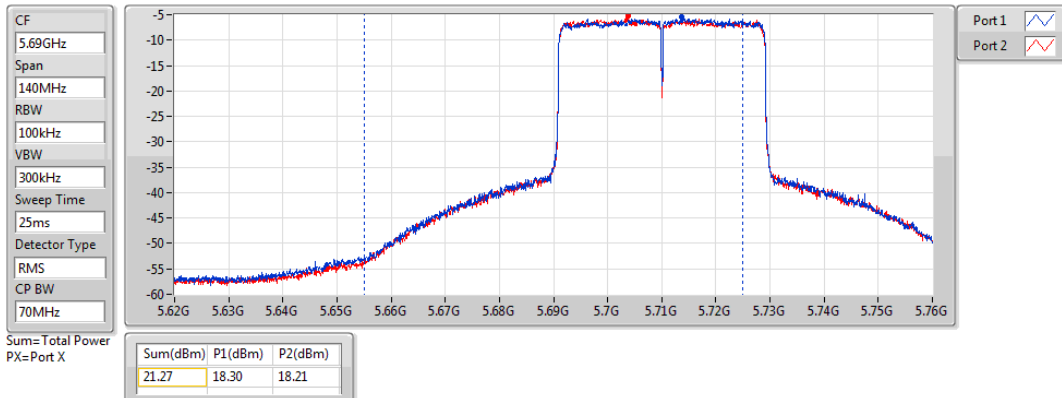


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

14/01/2020

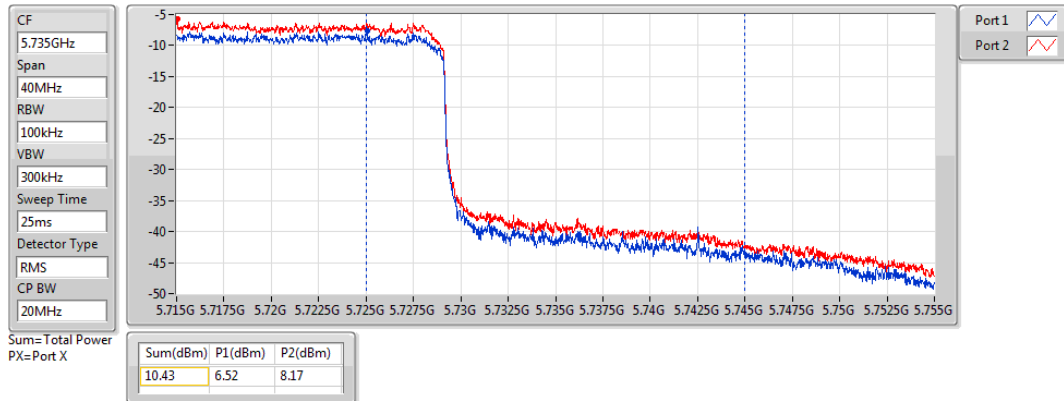


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

14/01/2020

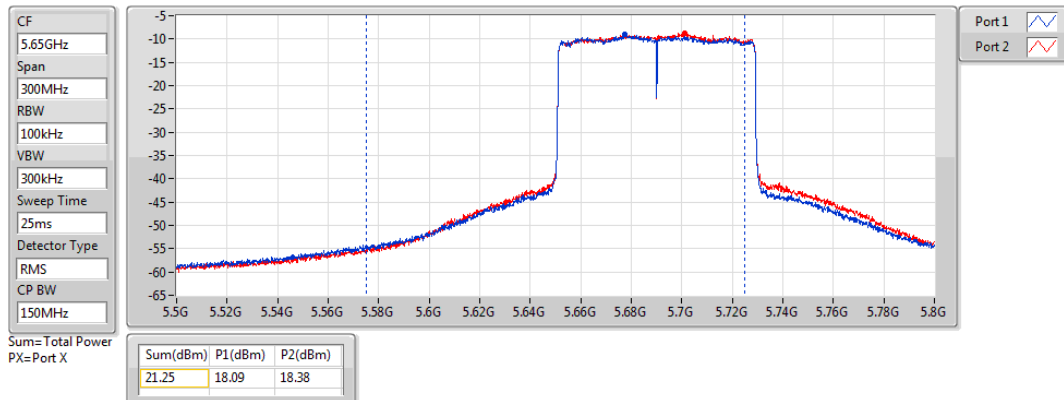


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

15/01/2020

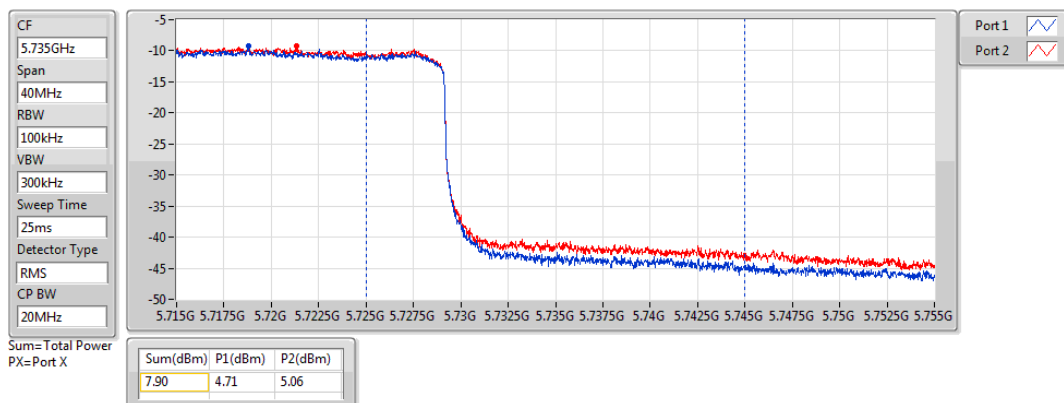


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

15/01/2020



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.20	0.13183	28.99	0.79250
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.01	0.12618	28.80	0.75858
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	19.78	0.09506	27.57	0.57148
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.36	0.13677	29.15	0.82224
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.34	0.13614	29.13	0.81846
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.37	0.10889	28.16	0.65464
5.47-5.725GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	20.91	0.12331	28.70	0.74131
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.26	0.13366	29.05	0.80353
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	21.09	0.12853	28.88	0.77268
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.29	0.13459	29.08	0.80910
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.34	0.13614	29.13	0.81846
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	21.30	0.13490	29.09	0.81096
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	14.25	0.02661	22.04	0.15996
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	10.84	0.01213	18.63	0.07295
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	6.70	0.00468	14.49	0.02812
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	14.95	0.03126	22.74	0.18793
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	11.48	0.01406	19.27	0.08453
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	7.82	0.00605	15.61	0.03639