

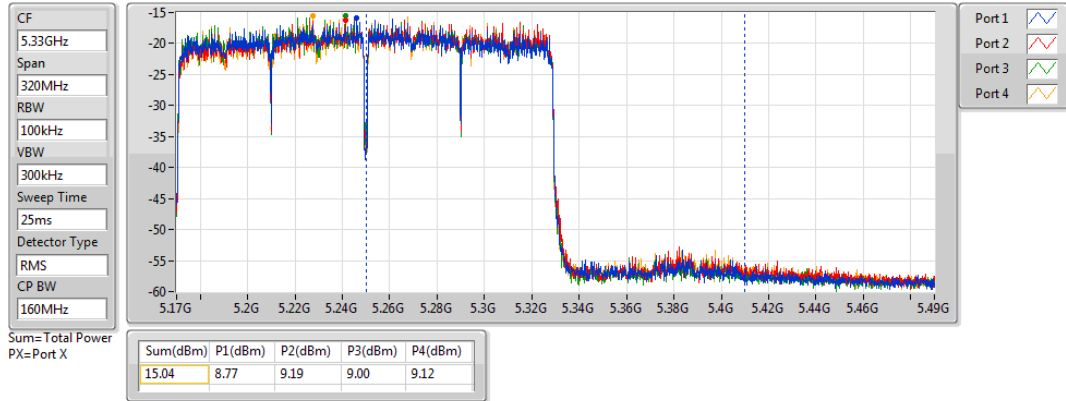


802.11ax HEW160_Nss4,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

02/12/2019



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	23.95	0.24831	28.97	0.78886
802.11ac VHT20_Nss1,(MCS0)_1TX	23.73	0.23605	28.75	0.74989
802.11ac VHT40_Nss1,(MCS0)_1TX	23.56	0.22699	28.58	0.72111
802.11ac VHT80_Nss1,(MCS0)_1TX	19.50	0.08913	24.52	0.28314
802.11ax HEW20_Nss1,(MCS0)_1TX	23.87	0.24378	28.89	0.77446
802.11ax HEW40_Nss1,(MCS0)_1TX	23.93	0.24717	28.95	0.78524
802.11ax HEW80_Nss1,(MCS0)_1TX	19.67	0.09268	24.69	0.29444
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	23.84	0.24210	28.86	0.76913
802.11ac VHT20_Nss1,(MCS0)_1TX	23.64	0.23121	28.66	0.73451
802.11ac VHT40_Nss1,(MCS0)_1TX	23.81	0.24044	28.83	0.76384
802.11ac VHT80_Nss1,(MCS0)_1TX	23.70	0.23442	28.72	0.74473
802.11ax HEW20_Nss1,(MCS0)_1TX	23.94	0.24774	28.96	0.78705
802.11ax HEW40_Nss1,(MCS0)_1TX	23.93	0.24717	28.95	0.78524
802.11ax HEW80_Nss1,(MCS0)_1TX	23.89	0.24491	28.91	0.77804
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.75	0.04732	21.77	0.15031
802.11ac VHT20_Nss1,(MCS0)_1TX	17.47	0.05585	22.49	0.17742
802.11ac VHT40_Nss1,(MCS0)_1TX	13.17	0.02075	18.19	0.06592
802.11ac VHT80_Nss1,(MCS0)_1TX	9.06	0.00805	14.08	0.02559
802.11ax HEW20_Nss1,(MCS0)_1TX	18.23	0.06653	23.25	0.21135
802.11ax HEW40_Nss1,(MCS0)_1TX	13.23	0.02104	18.25	0.06683
802.11ax HEW80_Nss1,(MCS0)_1TX	9.99	0.00998	15.01	0.03170

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_TnomVnom	Pass	5.02	23.85	23.85	23.98	28.87	30.00
5300MHz_TnomVnom	Pass	5.02	23.95	23.95	23.98	28.97	30.00
5320MHz_TnomVnom	Pass	5.02	22.43	22.43	23.98	27.45	30.00
5500MHz_TnomVnom	Pass	5.02	19.41	19.41	23.98	24.43	30.00
5580MHz_TnomVnom	Pass	5.02	23.84	23.84	23.98	28.86	30.00
5700MHz_TnomVnom	Pass	5.02	20.17	20.17	23.98	25.19	30.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	5.02	22.96	22.96	23.98	27.98	30.00
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	5.02	16.75	16.75	30.00	21.77	36.00
802.11ac_VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	5.02	23.73	23.73	23.98	28.75	30.00
5300MHz_TnomVnom	Pass	5.02	23.70	23.70	23.98	28.72	30.00
5320MHz_TnomVnom	Pass	5.02	21.09	21.09	23.98	26.11	30.00
5500MHz_TnomVnom	Pass	5.02	20.04	20.04	23.98	25.06	30.00
5580MHz_TnomVnom	Pass	5.02	23.64	23.64	23.98	28.66	30.00
5700MHz_TnomVnom	Pass	5.02	18.53	18.53	23.98	23.55	30.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	5.02	23.14	23.14	23.98	28.16	30.00
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	5.02	17.47	17.47	30.00	22.49	36.00
802.11ac_VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	5.02	23.56	23.56	23.98	28.58	30.00
5310MHz_TnomVnom	Pass	5.02	19.11	19.11	23.98	24.13	30.00
5510MHz_TnomVnom	Pass	5.02	18.69	18.69	23.98	23.71	30.00
5550MHz_TnomVnom	Pass	5.02	23.50	23.50	23.98	28.52	30.00
5670MHz_TnomVnom	Pass	5.02	22.92	22.92	23.98	27.94	30.00
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	5.02	23.81	23.81	23.98	28.83	30.00
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	5.02	13.17	13.17	30.00	18.19	36.00
802.11ac_VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	5.02	19.50	19.50	23.98	24.52	30.00
5530MHz_TnomVnom	Pass	5.02	19.43	19.43	23.98	24.45	30.00
5610MHz_TnomVnom	Pass	5.02	23.33	23.33	23.98	28.35	30.00
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	5.02	23.70	23.70	23.98	28.72	30.00
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	5.02	9.06	9.06	30.00	14.08	36.00
802.11ax_HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	5.02	23.78	23.78	23.98	28.80	30.00
5300MHz_TnomVnom	Pass	5.02	23.87	23.87	23.98	28.89	30.00
5320MHz_TnomVnom	Pass	5.02	21.25	21.25	23.98	26.27	30.00
5500MHz_TnomVnom	Pass	5.02	20.42	20.42	23.98	25.44	30.00
5580MHz_TnomVnom	Pass	5.02	23.94	23.94	23.98	28.96	30.00
5700MHz_TnomVnom	Pass	5.02	18.91	18.91	23.98	23.93	30.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	5.02	23.41	23.41	23.98	28.43	30.00
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	5.02	18.23	18.23	30.00	23.25	36.00
802.11ax_HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	5.02	23.93	23.93	23.98	28.95	30.00
5310MHz_TnomVnom	Pass	5.02	19.40	19.40	23.98	24.42	30.00



Average Power_Non-Beamforming_Sample 1_Radio 3_1T1S

Appendix B.5

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5510MHz_TnomVnom	Pass	5.02	18.92	18.92	23.98	23.94	30.00
5550MHz_TnomVnom	Pass	5.02	23.93	23.93	23.98	28.95	30.00
5670MHz_TnomVnom	Pass	5.02	22.97	22.97	23.98	27.99	30.00
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	5.02	23.87	23.87	23.98	28.89	30.00
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	5.02	13.23	13.23	30.00	18.25	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	5.02	19.67	19.67	23.98	24.69	30.00
5530MHz_TnomVnom	Pass	5.02	19.80	19.80	23.98	24.82	30.00
5610MHz_TnomVnom	Pass	5.02	23.47	23.47	23.98	28.49	30.00
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	5.02	23.89	23.89	23.98	28.91	30.00
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	5.02	9.99	9.99	30.00	15.01	36.00

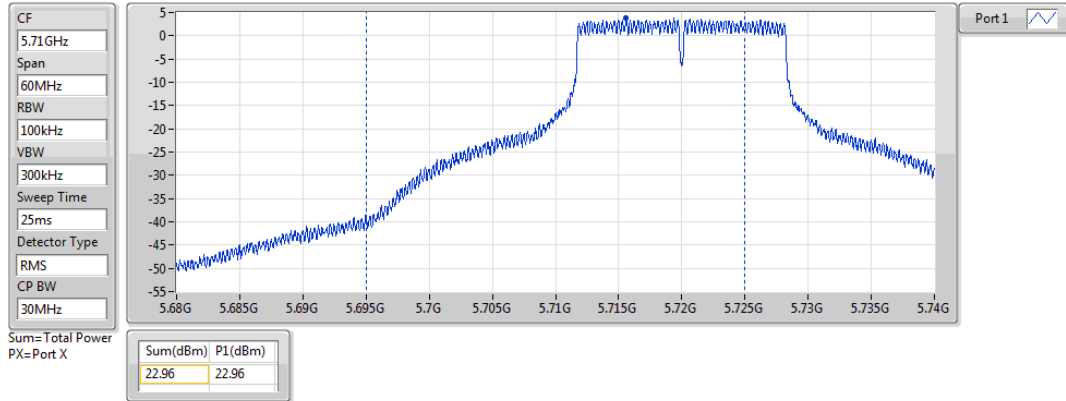
DG = Directional Gain; Port X = Port X output power

802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

05/11/2019

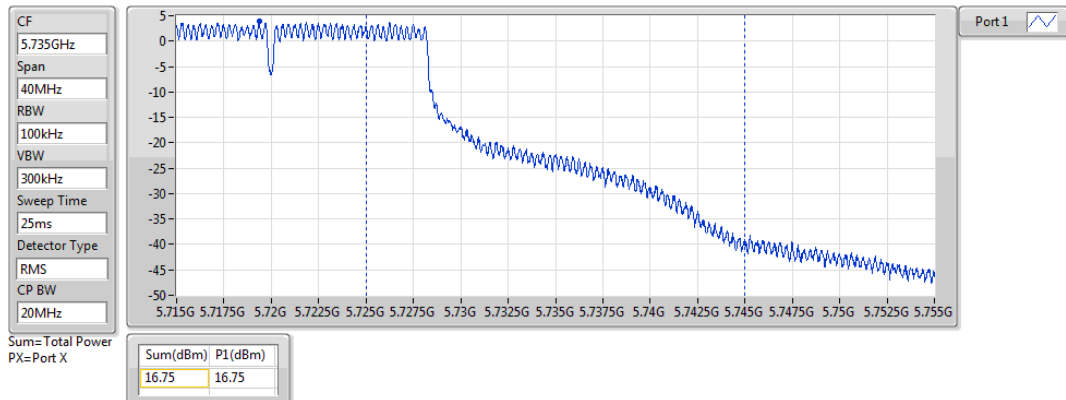


802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

05/11/2019

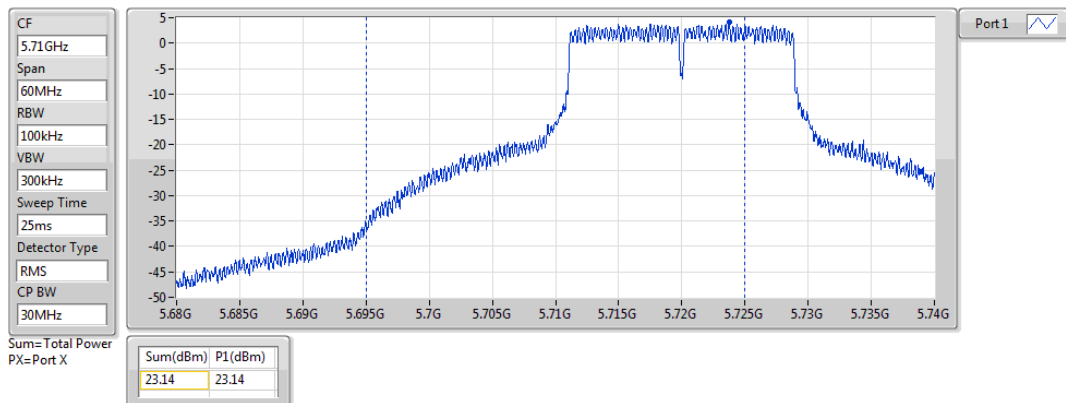


802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

05/11/2019

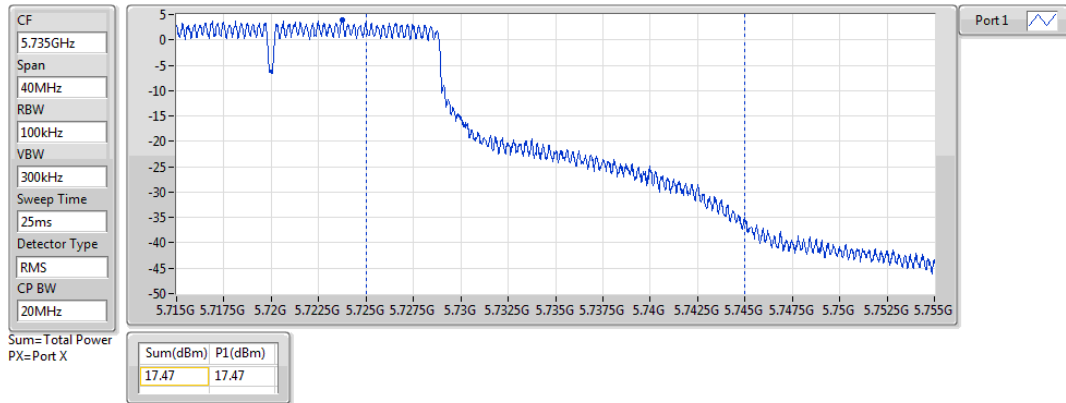


802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

05/11/2019

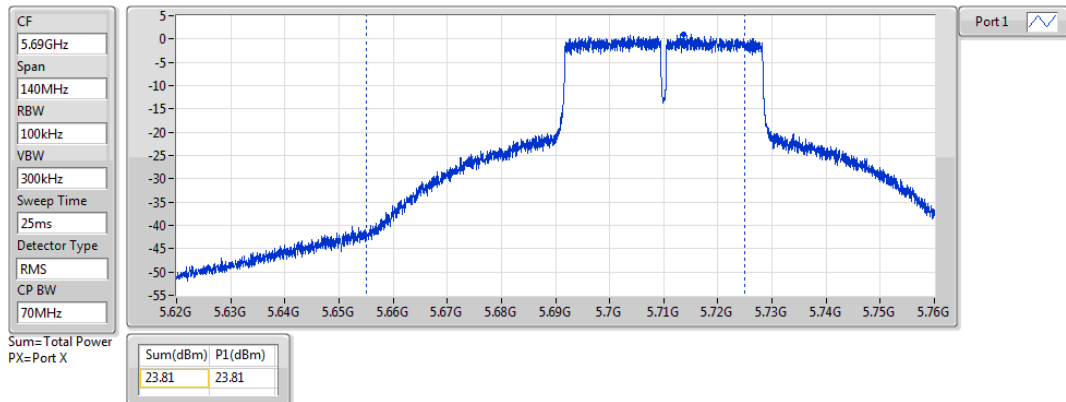


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

06/11/2019

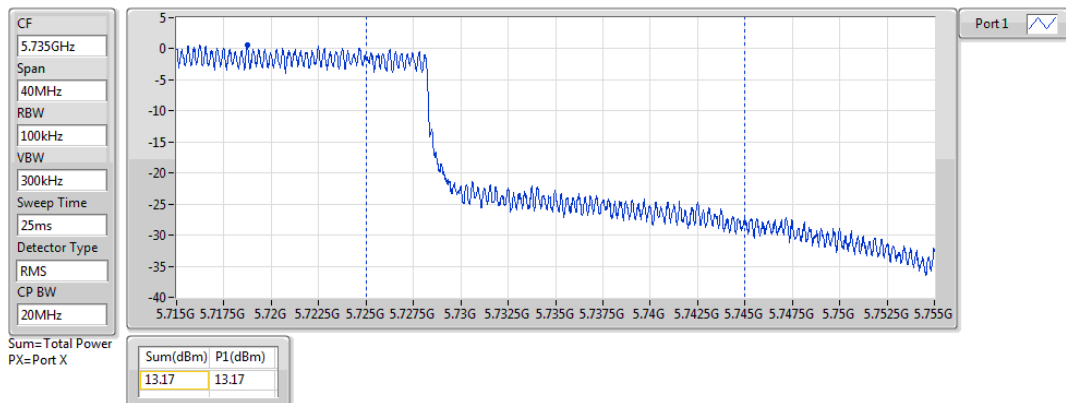


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

05/11/2019

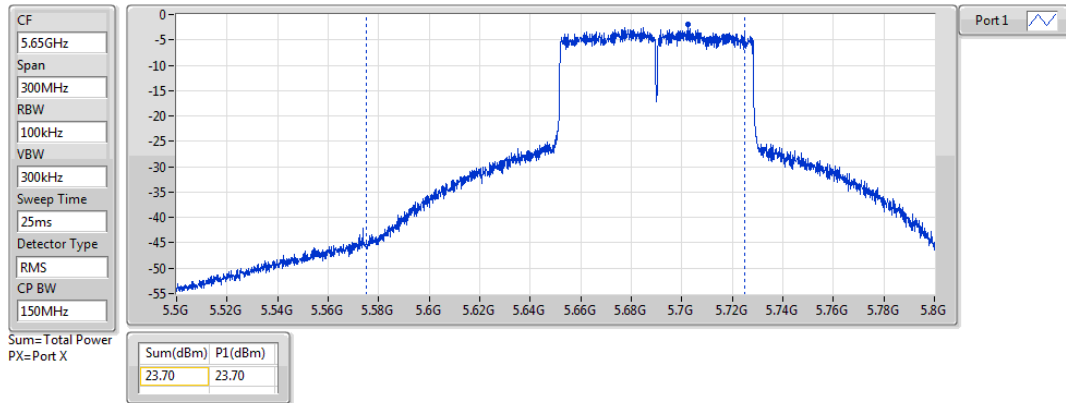


802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz

06/11/2019

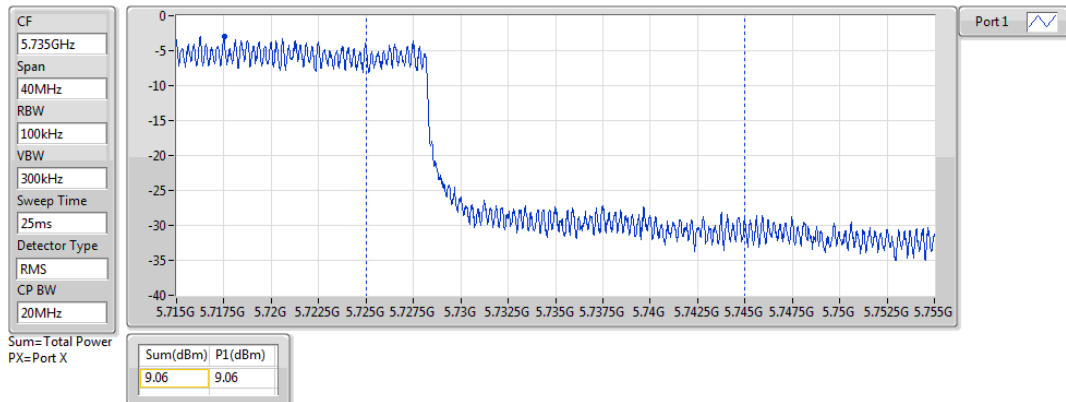


802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

05/11/2019

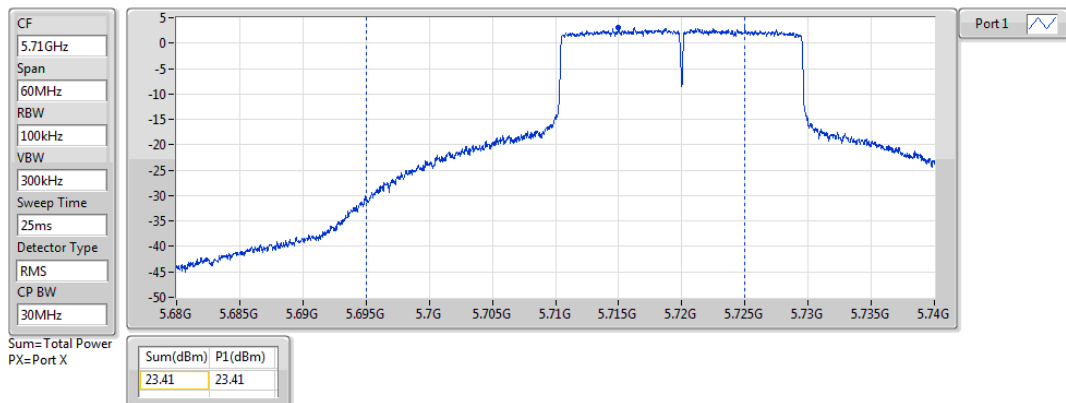


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

05/11/2019

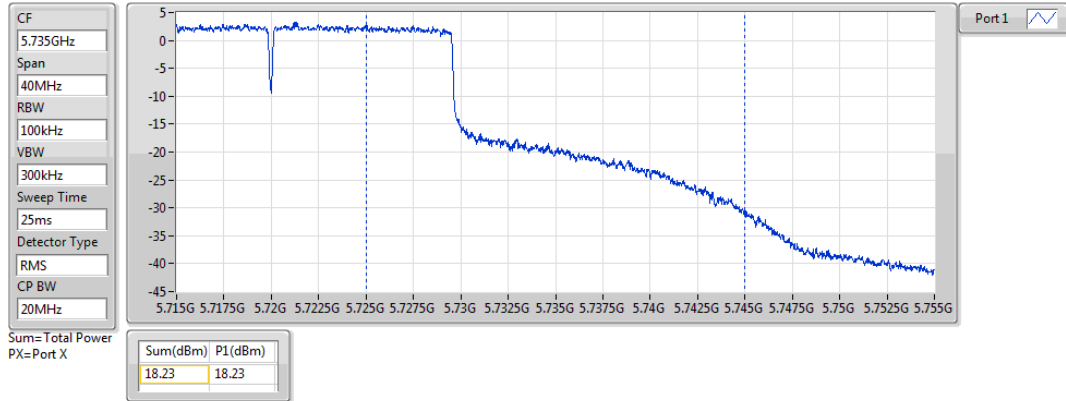


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

05/11/2019

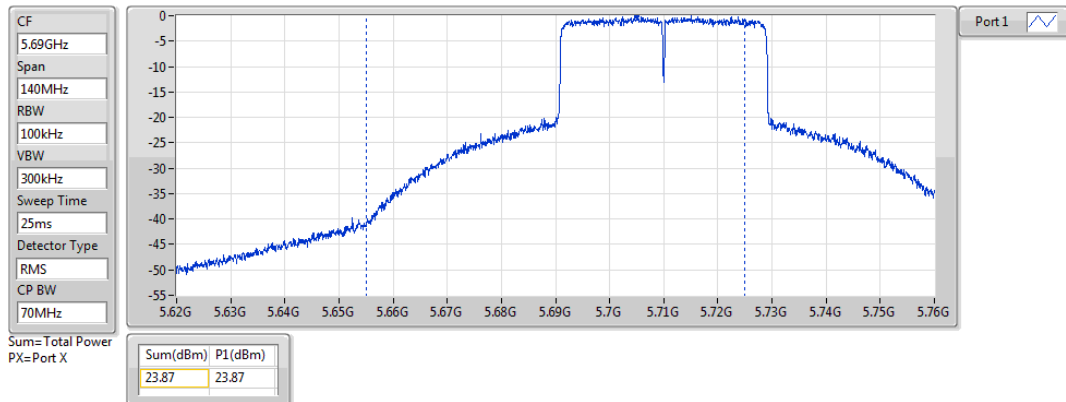


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

06/11/2019

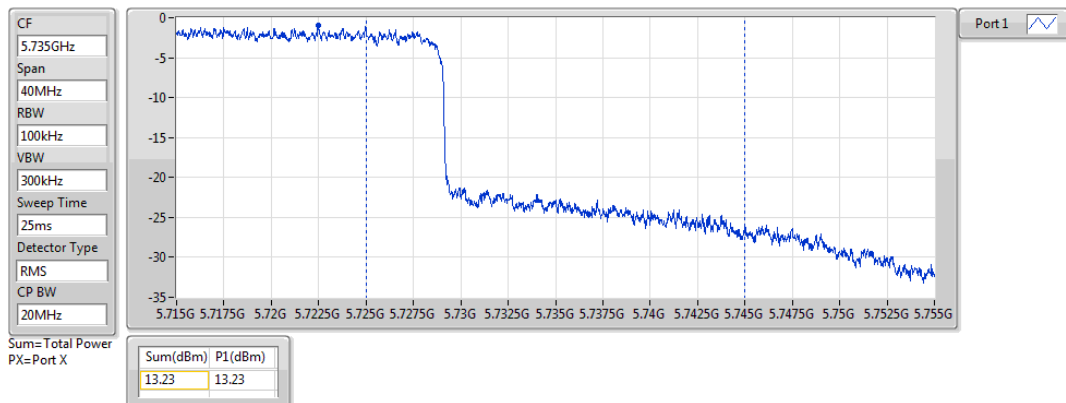


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

06/11/2019

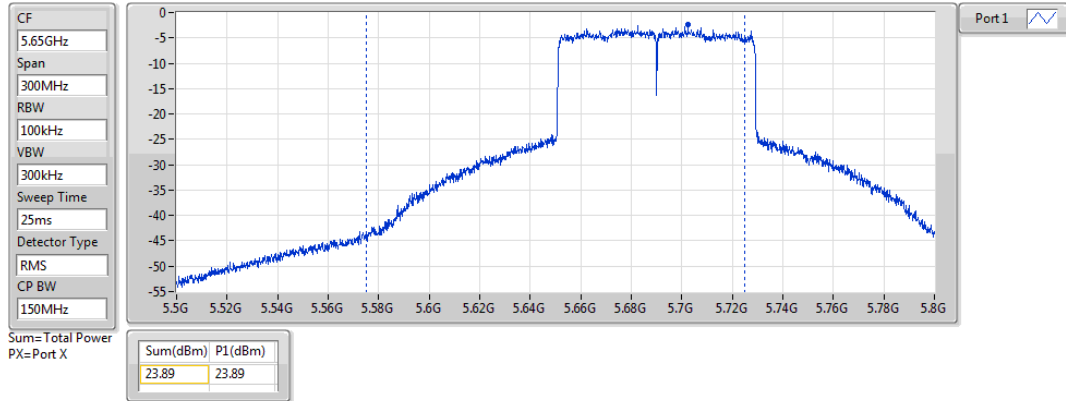


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz

06/11/2019

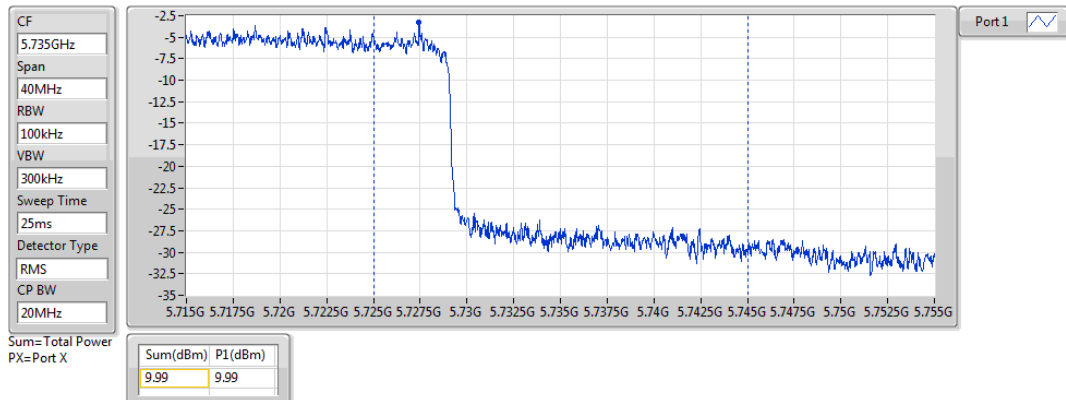


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

05/11/2019



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.36	0.17219	27.38	0.54702
802.11ac VHT20_Nss2,(MCS0)_2TX	23.60	0.22909	28.62	0.72778
802.11ac VHT40_Nss2,(MCS0)_2TX	23.60	0.22909	28.62	0.72778
802.11ac VHT80_Nss2,(MCS0)_2TX	21.62	0.14521	26.64	0.46132
802.11ax HEW20_Nss2,(MCS0)_2TX	23.83	0.24155	28.85	0.76736
802.11ax HEW40_Nss2,(MCS0)_2TX	23.72	0.23550	28.74	0.74817
802.11ax HEW80_Nss2,(MCS0)_2TX	21.98	0.15776	27.00	0.50119
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.33	0.17100	27.35	0.54325
802.11ac VHT20_Nss2,(MCS0)_2TX	23.45	0.22131	28.47	0.70307
802.11ac VHT40_Nss2,(MCS0)_2TX	23.83	0.24155	28.85	0.76736
802.11ac VHT80_Nss2,(MCS0)_2TX	23.26	0.21184	28.28	0.67298
802.11ax HEW20_Nss2,(MCS0)_2TX	23.72	0.23550	28.74	0.74817
802.11ax HEW40_Nss2,(MCS0)_2TX	23.95	0.24831	28.97	0.78886
802.11ax HEW80_Nss2,(MCS0)_2TX	23.82	0.24099	28.84	0.76560
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	14.39	0.02748	19.41	0.08730
802.11ac VHT20_Nss2,(MCS0)_2TX	16.92	0.04920	21.94	0.15631
802.11ac VHT40_Nss2,(MCS0)_2TX	13.13	0.02056	18.15	0.06531
802.11ac VHT80_Nss2,(MCS0)_2TX	8.57	0.00719	13.59	0.02286
802.11ax HEW20_Nss2,(MCS0)_2TX	17.53	0.05662	22.55	0.17989
802.11ax HEW40_Nss2,(MCS0)_2TX	13.80	0.02399	18.82	0.07621
802.11ax HEW80_Nss2,(MCS0)_2TX	9.86	0.00968	14.88	0.03076

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_TnomVnom	Pass	5.02	19.67	18.93	22.33	23.98	27.35	30.00
5300MHz_TnomVnom	Pass	5.02	19.84	18.79	22.36	23.98	27.38	30.00
5320MHz_TnomVnom	Pass	5.02	19.64	18.71	22.21	23.98	27.23	30.00
5500MHz_TnomVnom	Pass	5.02	19.15	18.83	22.00	23.98	27.02	30.00
5580MHz_TnomVnom	Pass	5.02	19.64	18.97	22.33	23.98	27.35	30.00
5700MHz_TnomVnom	Pass	5.02	19.15	18.87	22.02	23.98	27.04	30.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	5.02	18.06	17.69	20.89	22.94	25.91	28.94
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	5.02	11.65	11.09	14.39	30.00	19.41	36.00
802.11ac_VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	5.02	20.91	19.87	23.43	23.98	28.45	30.00
5300MHz_TnomVnom	Pass	5.02	21.06	20.07	23.60	23.98	28.62	30.00
5320MHz_TnomVnom	Pass	5.02	20.86	19.86	23.40	23.98	28.42	30.00
5500MHz_TnomVnom	Pass	5.02	20.66	20.02	23.36	23.98	28.38	30.00
5580MHz_TnomVnom	Pass	5.02	20.90	19.93	23.45	23.98	28.47	30.00
5700MHz_TnomVnom	Pass	5.02	18.84	18.84	21.85	23.98	26.87	30.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	5.02	20.09	19.65	22.89	23.10	27.91	29.10
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	5.02	14.30	13.49	16.92	30.00	21.94	36.00
802.11ac_VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	5.02	20.93	20.21	23.60	23.98	28.62	30.00
5310MHz_TnomVnom	Pass	5.02	19.03	18.20	21.65	23.98	26.67	30.00
5510MHz_TnomVnom	Pass	5.02	17.73	17.66	20.71	23.98	25.73	30.00
5550MHz_TnomVnom	Pass	5.02	20.62	20.20	23.43	23.98	28.45	30.00
5670MHz_TnomVnom	Pass	5.02	20.35	20.11	23.24	23.98	28.26	30.00
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	5.02	20.99	20.65	23.83	23.98	28.85	30.00
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	5.02	10.45	9.76	13.13	30.00	18.15	36.00
802.11ac_VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	5.02	18.39	18.81	21.62	23.98	26.64	30.00
5530MHz_TnomVnom	Pass	5.02	18.88	18.43	21.67	23.98	26.69	30.00
5610MHz_TnomVnom	Pass	5.02	20.43	20.07	23.26	23.98	28.28	30.00
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	5.02	20.39	19.76	23.10	23.98	28.12	30.00
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	5.02	6.04	5.02	8.57	30.00	13.59	36.00
802.11ax_HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	5.02	21.23	20.36	23.83	23.98	28.85	30.00
5300MHz_TnomVnom	Pass	5.02	21.26	20.34	23.83	23.98	28.85	30.00
5320MHz_TnomVnom	Pass	5.02	21.18	20.30	23.77	23.98	28.79	30.00
5500MHz_TnomVnom	Pass	5.02	20.95	20.16	23.58	23.98	28.60	30.00
5580MHz_TnomVnom	Pass	5.02	21.06	20.32	23.72	23.98	28.74	30.00
5700MHz_TnomVnom	Pass	5.02	19.13	19.16	22.16	23.98	27.18	30.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	5.02	20.20	19.81	23.02	23.14	28.04	29.14
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	5.02	14.84	14.18	17.53	30.00	22.55	36.00
802.11ax_HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	5.02	21.07	20.32	23.72	23.98	28.74	30.00
5310MHz_TnomVnom	Pass	5.02	19.15	18.34	21.77	23.98	26.79	30.00



Average Power_Non-Beamforming_Sample 1_Radio 3_2T2S

Appendix B.6

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5510MHz_TnomVnom	Pass	5.02	18.16	17.79	20.99	23.98	26.01	30.00
5550MHz_TnomVnom	Pass	5.02	20.99	20.36	23.70	23.98	28.72	30.00
5670MHz_TnomVnom	Pass	5.02	20.58	20.33	23.47	23.98	28.49	30.00
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	5.02	21.05	20.82	23.95	23.98	28.97	30.00
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	5.02	11.13	10.43	13.80	30.00	18.82	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	5.02	18.83	19.11	21.98	23.98	27.00	30.00
5530MHz_TnomVnom	Pass	5.02	19.35	18.79	22.09	23.98	27.11	30.00
5610MHz_TnomVnom	Pass	5.02	20.99	20.48	23.75	23.98	28.77	30.00
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	5.02	21.05	20.55	23.82	23.98	28.84	30.00
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	5.02	7.28	6.37	9.86	30.00	14.88	36.00

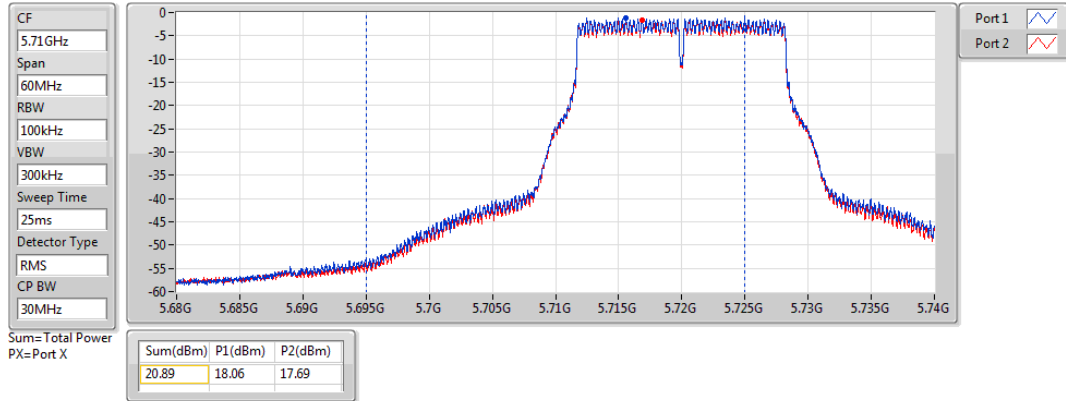
DG = Directional Gain; **Port X** = Port X output power

802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

05/11/2019

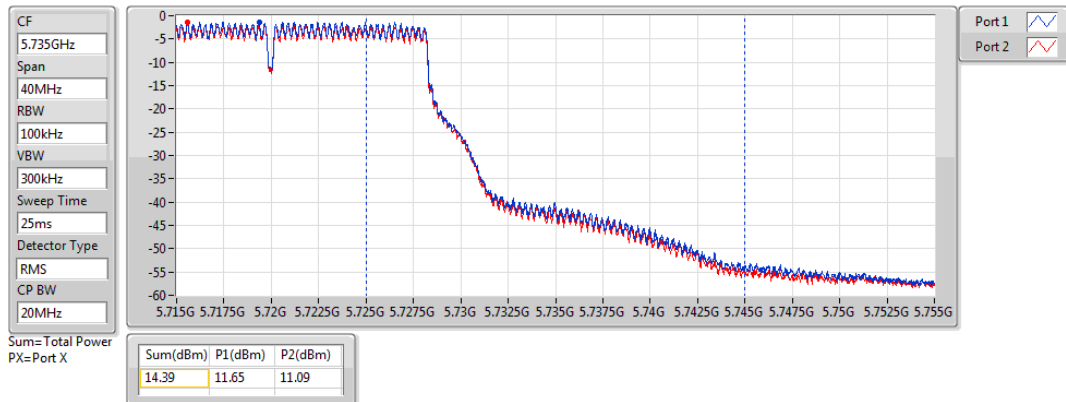


802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

05/11/2019

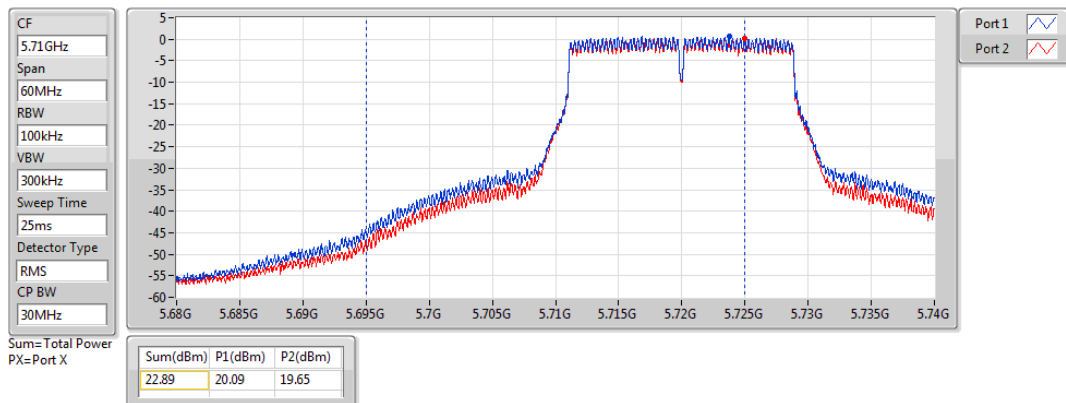


802.11ac VHT20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

05/11/2019

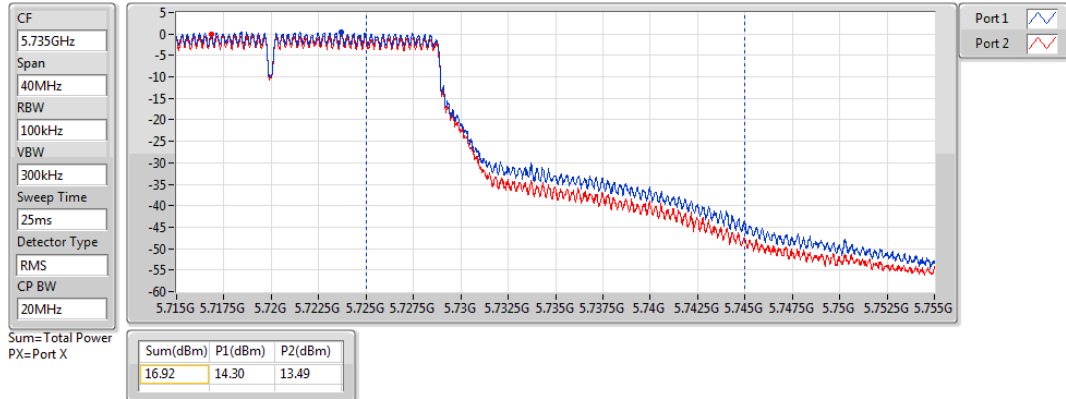


802.11ac VHT20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

05/11/2019

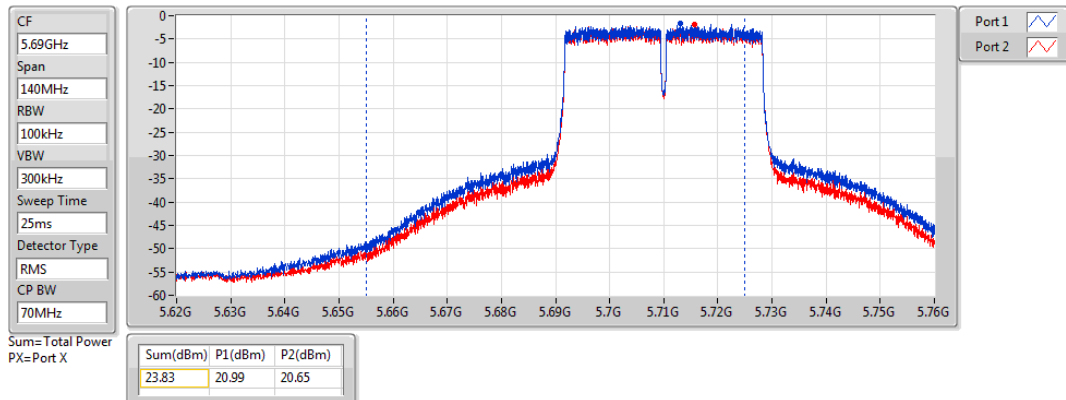


802.11ac VHT40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

05/11/2019

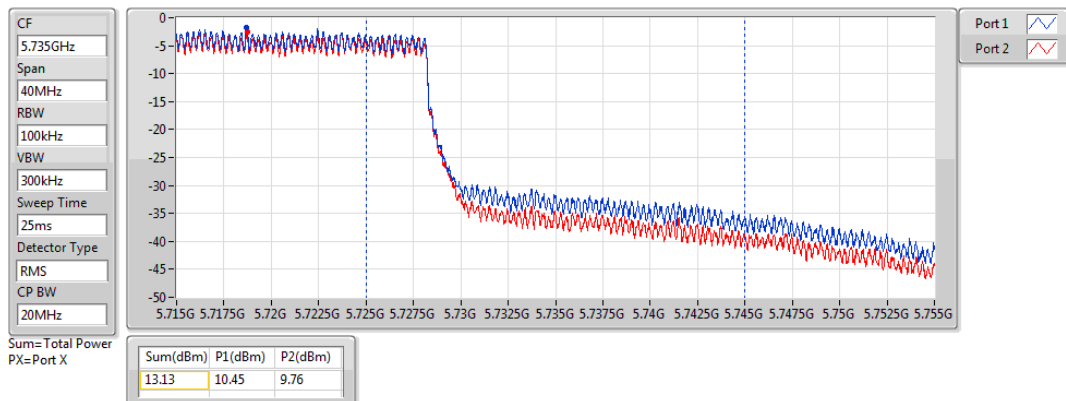


802.11ac VHT40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

05/11/2019

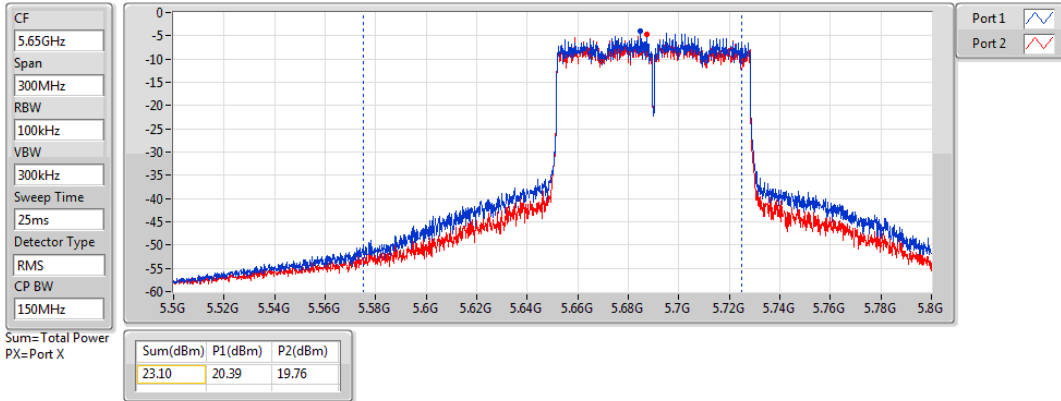


802.11ac VHT80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

05/11/2019

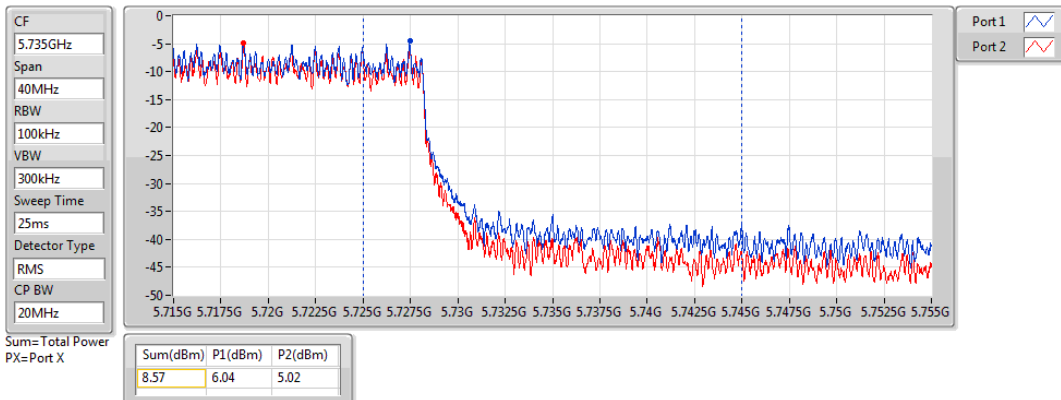


802.11ac VHT80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

05/11/2019

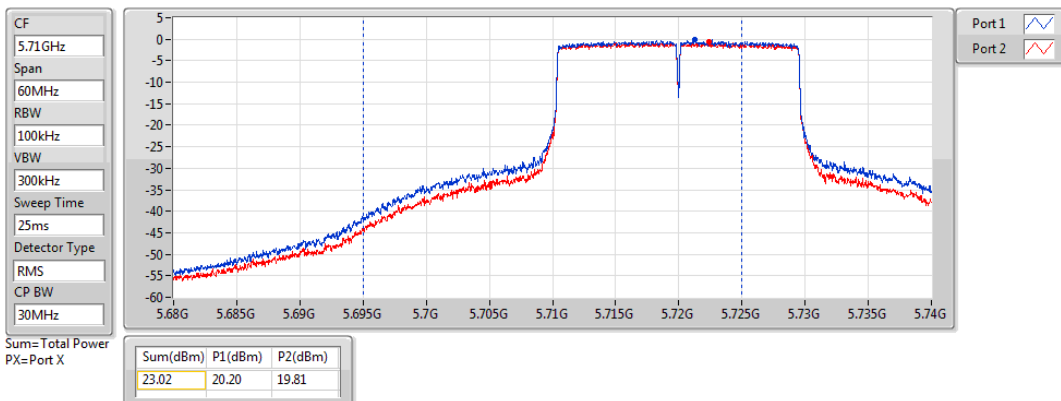


802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

05/11/2019

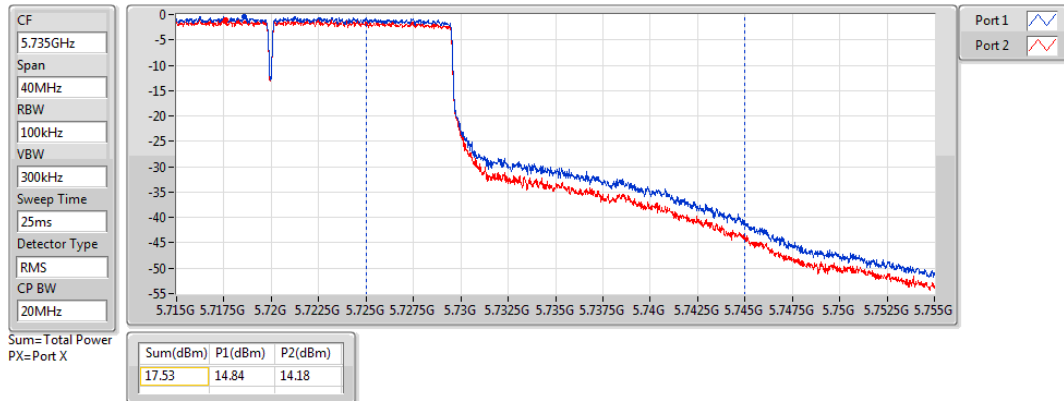


802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

05/11/2019

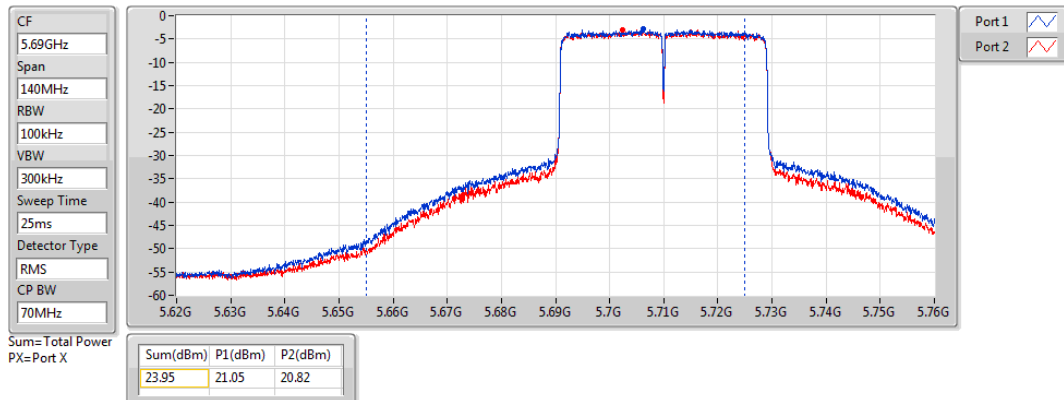


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

05/11/2019



802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

05/11/2019

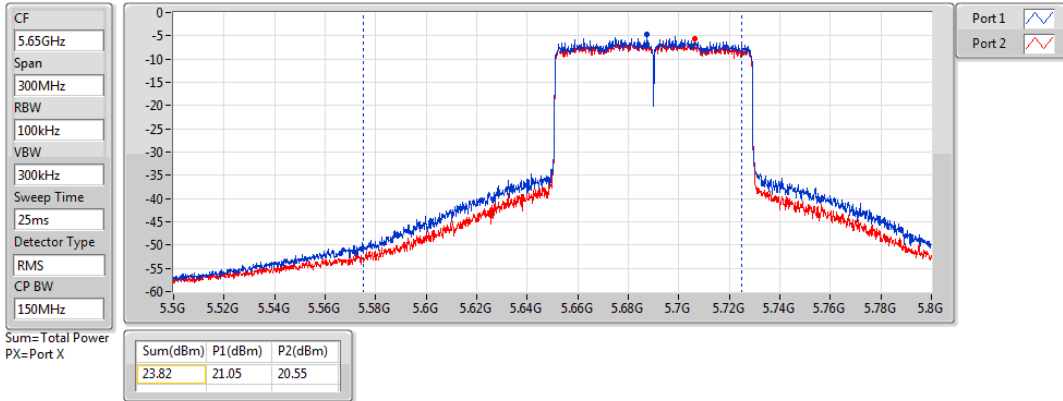


802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

05/11/2019

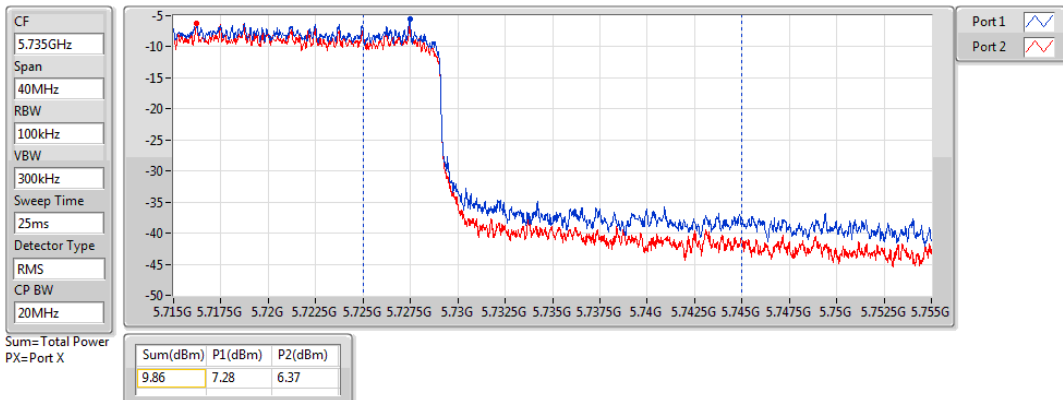


802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

05/11/2019





Average Power_Non-Beamforming_Sample 2_Radio 2_Omni_1T1S Appendix B.7

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT160_Nss1,(MCS0)_1TX	10.41	0.01099	18.41	0.06934
802.11ax HEW160_Nss1,(MCS0)_1TX	10.51	0.01125	18.51	0.07096
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.37	0.13709	29.37	0.86497
802.11ac VHT20_Nss1,(MCS0)_1TX	21.39	0.13772	29.39	0.86896
802.11ac VHT40_Nss1,(MCS0)_1TX	21.13	0.12972	29.13	0.81846
802.11ac VHT80_Nss1,(MCS0)_1TX	18.08	0.06427	26.08	0.40551
802.11ac VHT160_Nss1,(MCS0)_1TX	10.27	0.01064	18.27	0.06714
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	18.30	0.06761	26.30	0.42658
802.11ax HEW160_Nss1,(MCS0)_1TX	10.62	0.01153	18.62	0.07278
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.23	0.13274	29.23	0.83753
802.11ac VHT20_Nss1,(MCS0)_1TX	21.19	0.13152	29.19	0.82985
802.11ac VHT40_Nss1,(MCS0)_1TX	21.33	0.13583	29.33	0.85704
802.11ac VHT80_Nss1,(MCS0)_1TX	20.74	0.11858	28.74	0.74817
802.11ac VHT160_Nss1,(MCS0)_1TX	12.88	0.01941	20.88	0.12246
802.11ax HEW20_Nss1,(MCS0)_1TX	21.45	0.13964	29.45	0.88105
802.11ax HEW40_Nss1,(MCS0)_1TX	21.43	0.13900	29.43	0.87700
802.11ax HEW80_Nss1,(MCS0)_1TX	20.88	0.12246	28.88	0.77268
802.11ax HEW160_Nss1,(MCS0)_1TX	13.34	0.02158	21.34	0.13614
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	14.69	0.02944	22.69	0.18578
802.11ac VHT20_Nss1,(MCS0)_1TX	15.47	0.03524	23.47	0.22233
802.11ac VHT40_Nss1,(MCS0)_1TX	11.04	0.01271	19.04	0.08017
802.11ac VHT80_Nss1,(MCS0)_1TX	6.49	0.00446	14.49	0.02812
802.11ax HEW20_Nss1,(MCS0)_1TX	16.03	0.04009	24.03	0.25293
802.11ax HEW40_Nss1,(MCS0)_1TX	11.61	0.01449	19.61	0.09141
802.11ax HEW80_Nss1,(MCS0)_1TX	7.28	0.00535	15.28	0.03373



Average Power_Non-Beamforming_Sample 2_Radio 2_Omni_1T1S Appendix B.7

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	21.27	21.27	21.98	29.27	30.00
5300MHz	Pass	8.00	21.37	21.37	21.98	29.37	30.00
5320MHz	Pass	8.00	20.40	20.40	21.98	28.40	30.00
5500MHz	Pass	8.00	15.89	15.89	21.98	23.89	30.00
5580MHz	Pass	8.00	21.23	21.23	21.98	29.23	30.00
5700MHz	Pass	8.00	16.56	16.56	21.98	24.56	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	20.89	20.89	21.98	28.89	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	14.69	14.69	28.00	22.69	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	8.00	21.39	21.39	21.98	29.39	30.00
5300MHz	Pass	8.00	21.04	21.04	21.98	29.04	30.00
5320MHz	Pass	8.00	19.14	19.14	21.98	27.14	30.00
5500MHz	Pass	8.00	16.73	16.73	21.98	24.73	30.00
5580MHz	Pass	8.00	21.19	21.19	21.98	29.19	30.00
5700MHz	Pass	8.00	13.94	13.94	21.98	21.94	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	21.18	21.18	21.98	29.18	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	15.47	15.47	28.00	23.47	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	8.00	21.13	21.13	21.98	29.13	30.00
5310MHz	Pass	8.00	18.00	18.00	21.98	26.00	30.00
5510MHz	Pass	8.00	14.25	14.25	21.98	22.25	30.00
5550MHz	Pass	8.00	20.28	20.28	21.98	28.28	30.00
5670MHz	Pass	8.00	16.41	16.41	21.98	24.41	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	21.33	21.33	21.98	29.33	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	11.04	11.04	28.00	19.04	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	8.00	18.08	18.08	21.98	26.08	30.00
5530MHz	Pass	8.00	14.95	14.95	21.98	22.95	30.00
5610MHz	Pass	8.00	17.97	17.97	21.98	25.97	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	20.74	20.74	21.98	28.74	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	6.49	6.49	28.00	14.49	36.00
802.11ac VHT160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.00	10.41	10.41	28.00	18.41	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	8.00	10.27	10.27	21.98	18.27	30.00
5570MHz	Pass	8.00	12.88	12.88	21.98	20.88	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	8.00	21.47	21.47	21.98	29.47	30.00
5300MHz	Pass	8.00	21.20	21.20	21.98	29.20	30.00
5320MHz	Pass	8.00	19.54	19.54	21.98	27.54	30.00
5500MHz	Pass	8.00	17.11	17.11	21.98	25.11	30.00
5580MHz	Pass	8.00	21.45	21.45	21.98	29.45	30.00
5700MHz	Pass	8.00	14.20	14.20	21.98	22.20	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	21.31	21.31	21.98	29.31	30.00



Average Power Non-Beamforming Sample 2 Radio 2 Omni 1T1S Appendix B.7

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	16.03	16.03	28.00	24.03	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	8.00	21.34	21.34	21.98	29.34	30.00
5310MHz	Pass	8.00	18.18	18.18	21.98	26.18	30.00
5510MHz	Pass	8.00	14.55	14.55	21.98	22.55	30.00
5550MHz	Pass	8.00	20.42	20.42	21.98	28.42	30.00
5670MHz	Pass	8.00	16.83	16.83	21.98	24.83	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	21.43	21.43	21.98	29.43	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	11.61	11.61	28.00	19.61	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	8.00	18.30	18.30	21.98	26.30	30.00
5530MHz	Pass	8.00	15.14	15.14	21.98	23.14	30.00
5610MHz	Pass	8.00	18.25	18.25	21.98	26.25	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	20.88	20.88	21.98	28.88	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	7.28	7.28	28.00	15.28	36.00
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.00	10.51	10.51	28.00	18.51	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	8.00	10.62	10.62	21.98	18.62	30.00
5570MHz	Pass	8.00	13.34	13.34	21.98	21.34	30.00

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

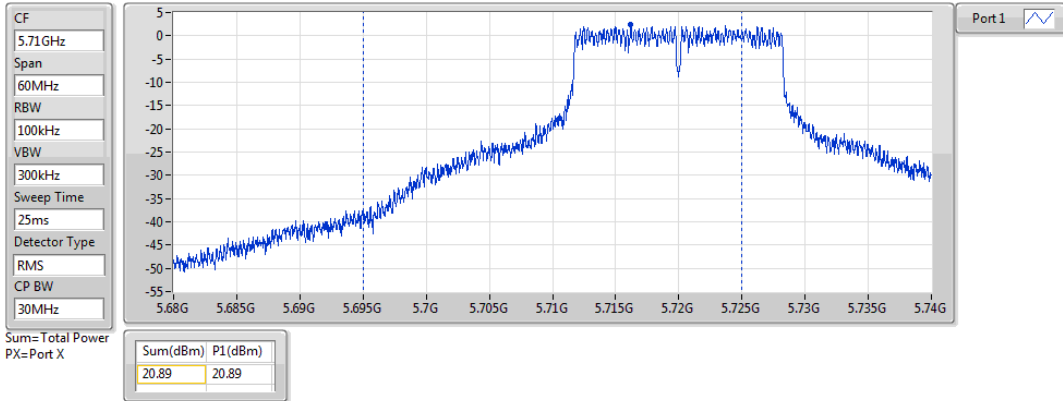


802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

06/11/2019

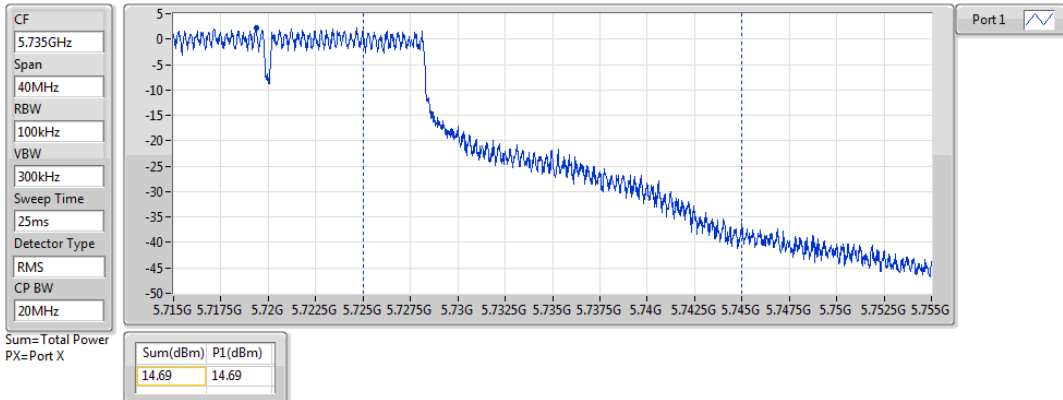


802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

06/11/2019

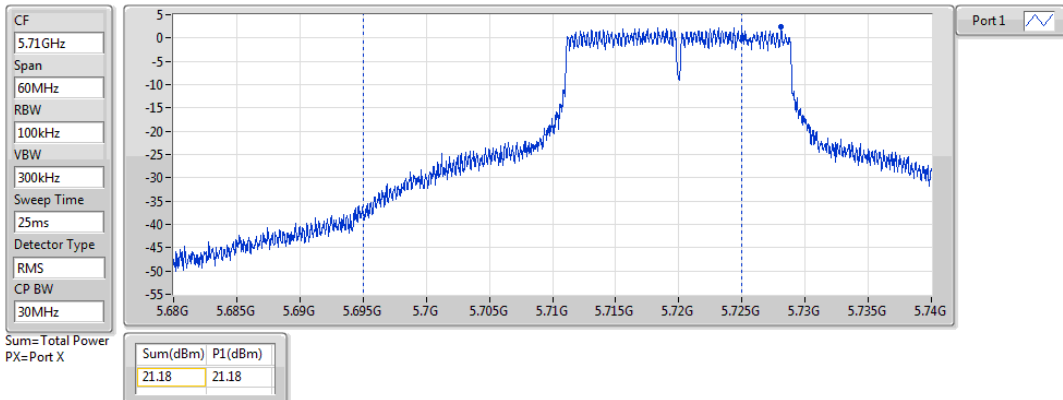


802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

06/11/2019

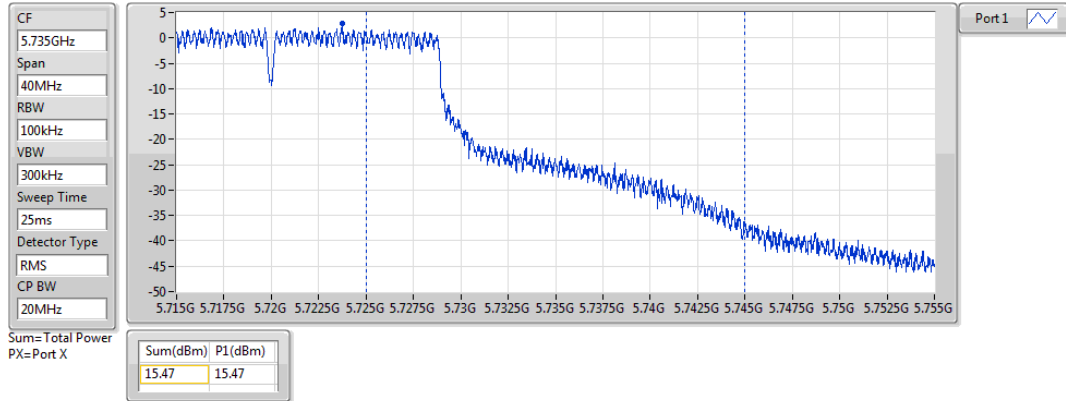


802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

06/11/2019

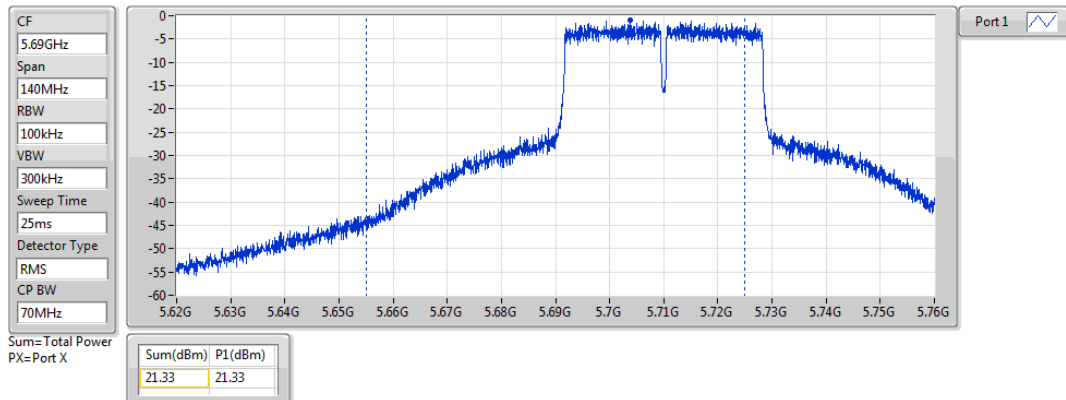


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

06/11/2019

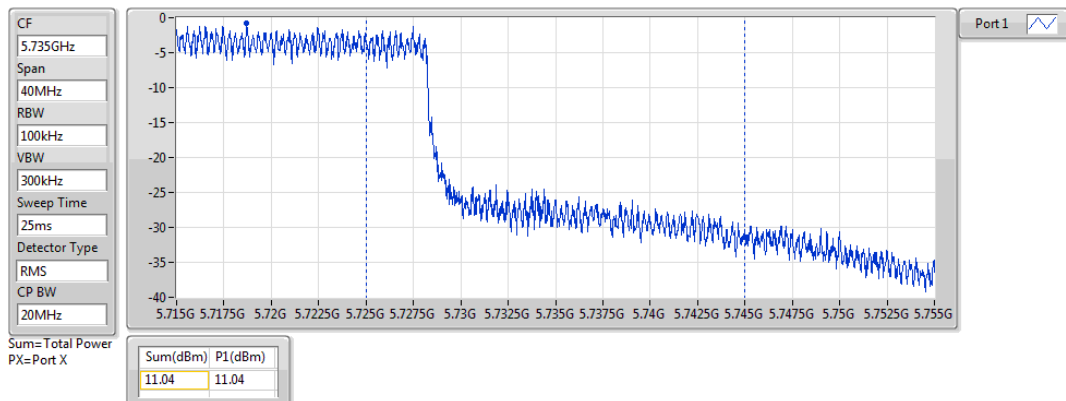


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

06/11/2019

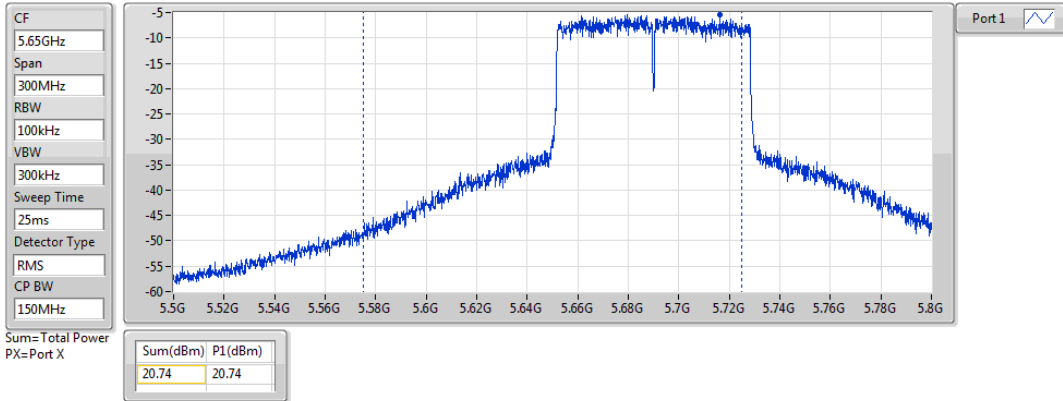


802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz

06/11/2019

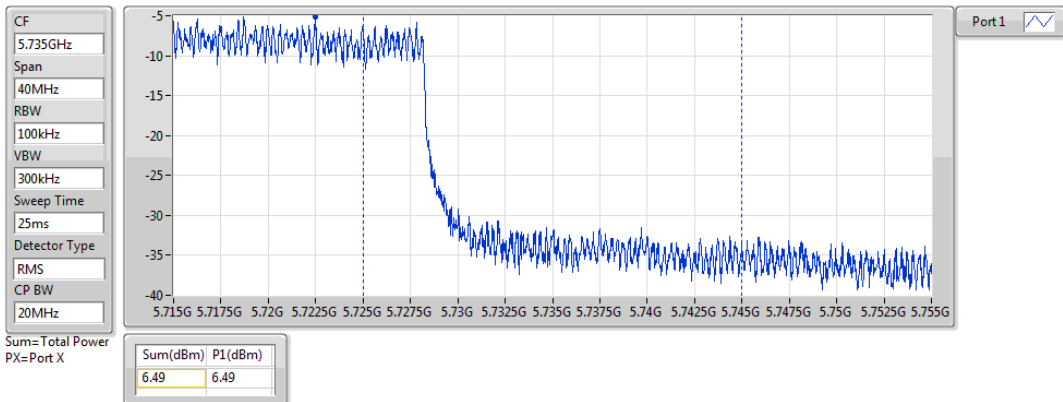


802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

06/11/2019

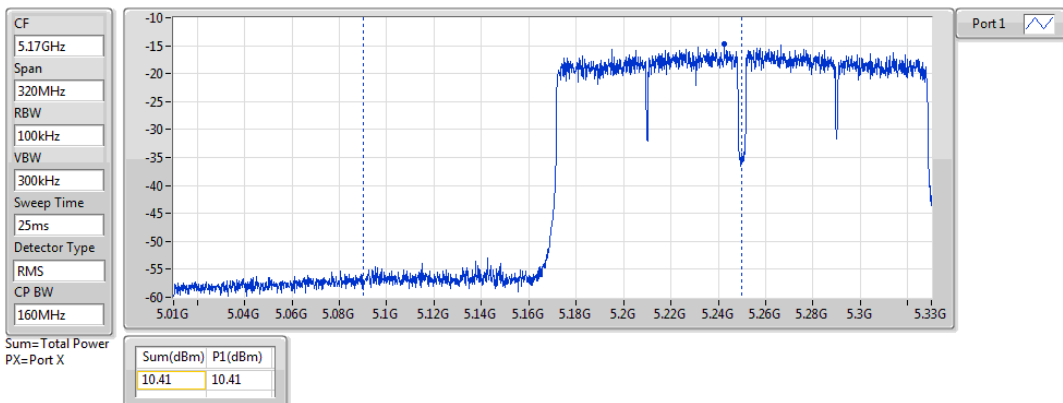


802.11ac VHT160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.15-5.25GHz

04/12/2019

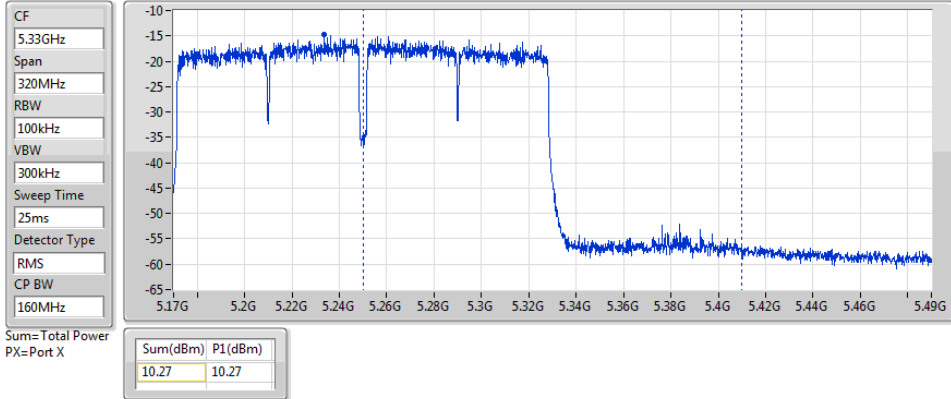


802.11ac VHT160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.25-5.35GHz

04/12/2019

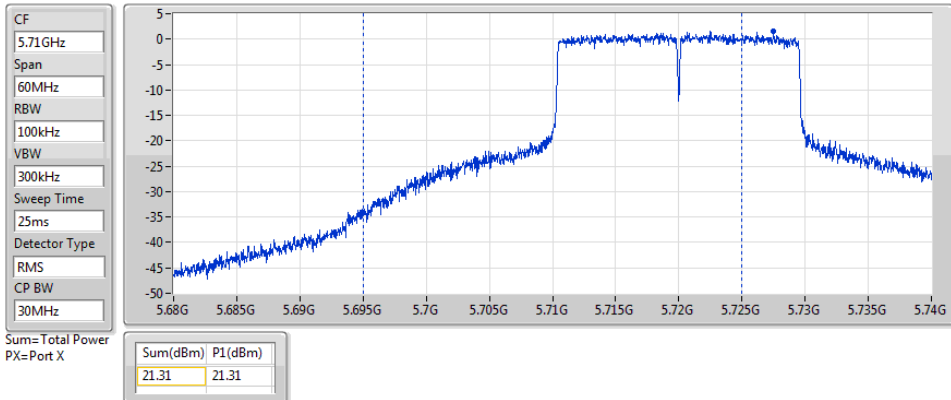


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

06/11/2019

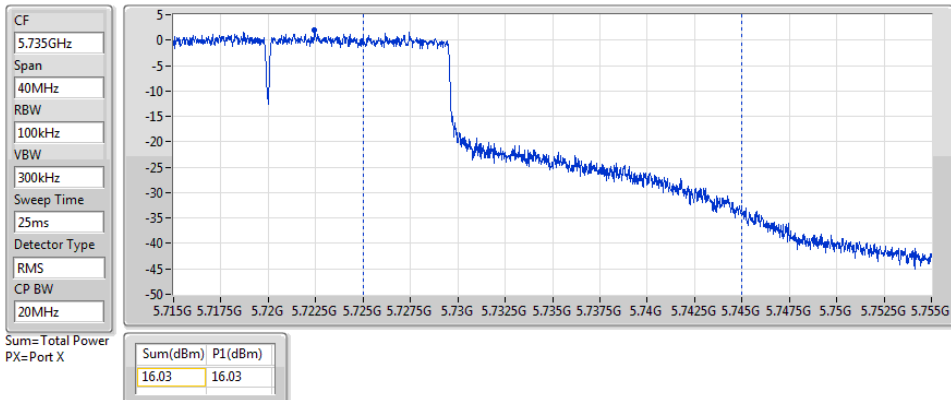


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

06/11/2019



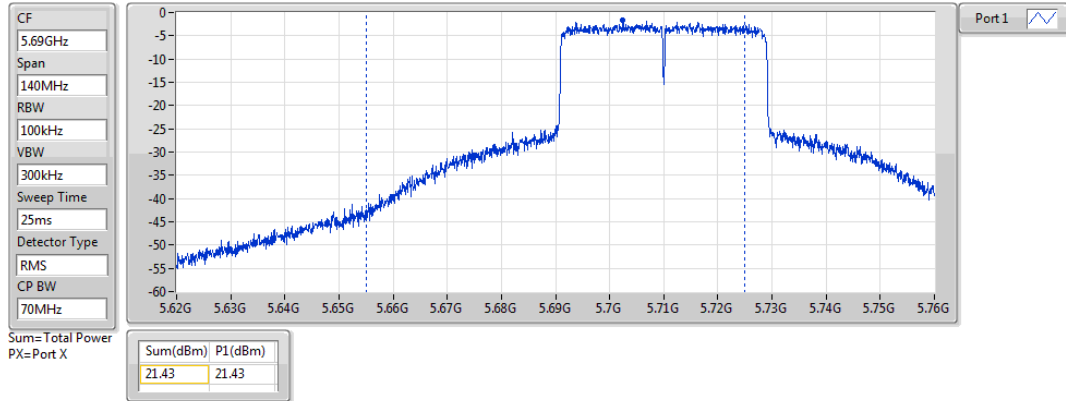


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

06/11/2019

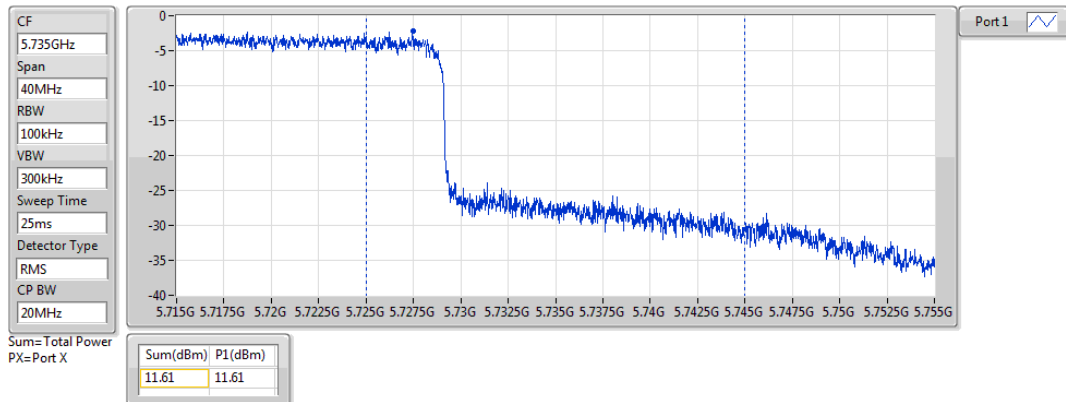


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

06/11/2019

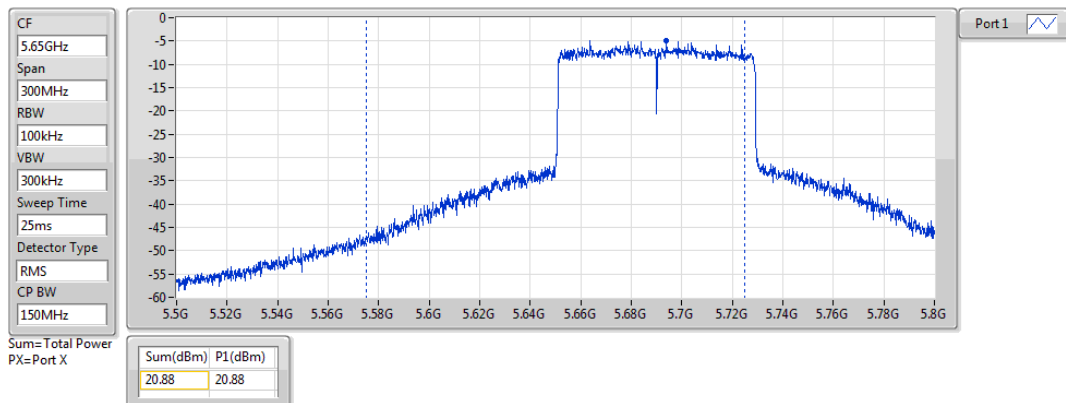


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz

06/11/2019

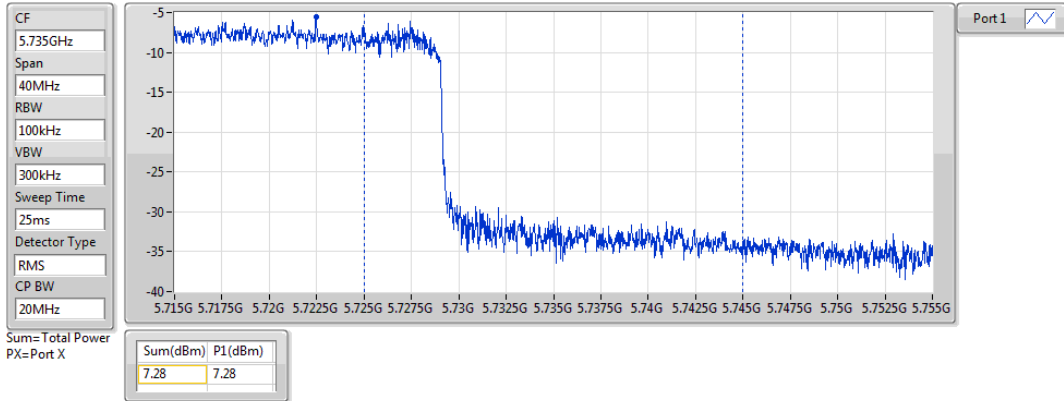


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

06/11/2019

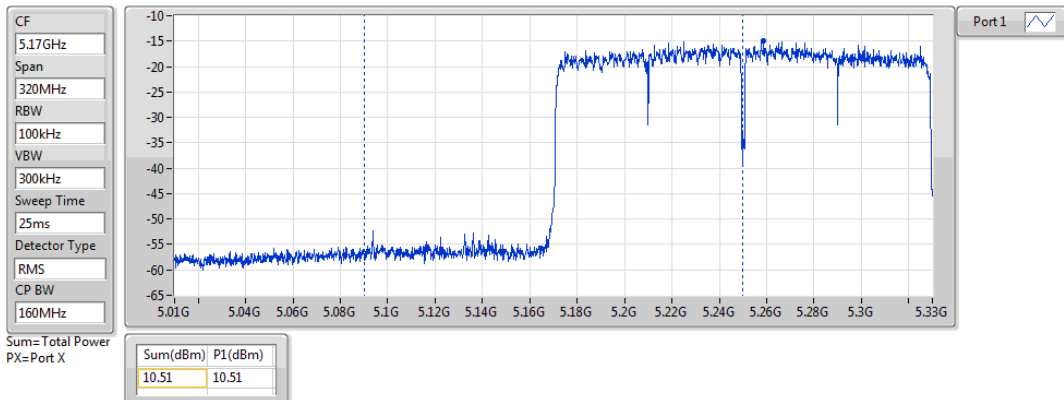


802.11ax HEW160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.15-5.25GHz

04/12/2019

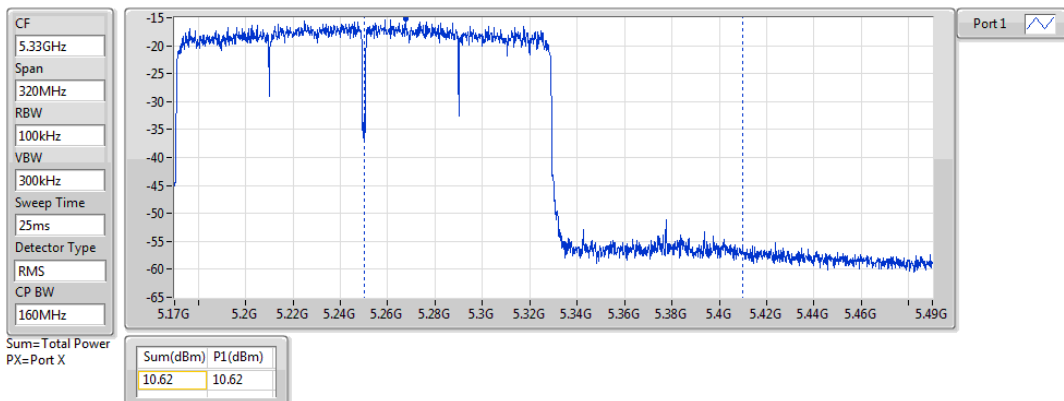


802.11ax HEW160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.25-5.35GHz

04/12/2019



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT160_Nss2,(MCS0)_2TX	9.46	0.00883	17.46	0.05572
802.11ax HEW160_Nss2,(MCS0)_2TX	9.84	0.00964	17.84	0.06081
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.07	0.08072	27.07	0.50933
802.11ac VHT20_Nss2,(MCS0)_2TX	21.21	0.13213	29.21	0.83368
802.11ac VHT40_Nss2,(MCS0)_2TX	21.20	0.13183	29.20	0.83176
802.11ac VHT80_Nss2,(MCS0)_2TX	17.15	0.05188	25.15	0.32734
802.11ac VHT160_Nss2,(MCS0)_2TX	9.71	0.00935	17.71	0.05902
802.11ax HEW20_Nss2,(MCS0)_2TX	21.38	0.13740	29.38	0.86696
802.11ax HEW40_Nss2,(MCS0)_2TX	21.37	0.13709	29.37	0.86497
802.11ax HEW80_Nss2,(MCS0)_2TX	17.46	0.05572	25.46	0.35156
802.11ax HEW160_Nss2,(MCS0)_2TX	9.99	0.00998	17.99	0.06295
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.02	0.07980	27.02	0.50350
802.11ac VHT20_Nss2,(MCS0)_2TX	21.31	0.13521	29.31	0.85310
802.11ac VHT40_Nss2,(MCS0)_2TX	21.20	0.13183	29.20	0.83176
802.11ac VHT80_Nss2,(MCS0)_2TX	21.34	0.13614	29.34	0.85901
802.11ac VHT160_Nss2,(MCS0)_2TX	13.89	0.02449	21.89	0.15453
802.11ax HEW20_Nss2,(MCS0)_2TX	21.48	0.14060	29.48	0.88716
802.11ax HEW40_Nss2,(MCS0)_2TX	21.44	0.13932	29.44	0.87902
802.11ax HEW80_Nss2,(MCS0)_2TX	21.49	0.14093	29.49	0.88920
802.11ax HEW160_Nss2,(MCS0)_2TX	14.26	0.02667	22.26	0.16827
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	10.94	0.01242	18.94	0.07834
802.11ac VHT20_Nss2,(MCS0)_2TX	14.94	0.03119	22.94	0.19679
802.11ac VHT40_Nss2,(MCS0)_2TX	10.63	0.01156	18.63	0.07295
802.11ac VHT80_Nss2,(MCS0)_2TX	6.76	0.00474	14.76	0.02992
802.11ax HEW20_Nss2,(MCS0)_2TX	15.44	0.03499	23.44	0.22080
802.11ax HEW40_Nss2,(MCS0)_2TX	11.43	0.01390	19.43	0.08770
802.11ax HEW80_Nss2,(MCS0)_2TX	7.63	0.00579	15.63	0.03656

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	15.77	15.95	18.87	21.98	26.87	30.00
5300MHz	Pass	8.00	15.56	16.12	18.86	21.98	26.86	30.00
5320MHz	Pass	8.00	15.65	16.43	19.07	21.98	27.07	30.00
5500MHz	Pass	8.00	15.22	15.47	18.36	21.98	26.36	30.00
5580MHz	Pass	8.00	15.82	16.16	19.00	21.98	27.00	30.00
5700MHz	Pass	8.00	15.88	16.14	19.02	21.98	27.02	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	14.78	14.85	17.83	20.93	25.83	28.93
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	8.62	7.12	10.94	28.00	18.94	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.00	18.05	18.35	21.21	21.98	29.21	30.00
5300MHz	Pass	8.00	17.81	18.28	21.06	21.98	29.06	30.00
5320MHz	Pass	8.00	17.24	17.95	20.62	21.98	28.62	30.00
5500MHz	Pass	8.00	17.45	17.84	20.66	21.98	28.66	30.00
5580MHz	Pass	8.00	18.14	18.46	21.31	21.98	29.31	30.00
5700MHz	Pass	8.00	16.00	16.01	19.02	21.98	27.02	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	17.66	17.73	20.71	20.97	28.71	28.97
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	11.94	11.91	14.94	28.00	22.94	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	8.00	18.02	18.36	21.20	21.98	29.20	30.00
5310MHz	Pass	8.00	14.76	15.37	18.09	21.98	26.09	30.00
5510MHz	Pass	8.00	14.94	15.24	18.10	21.98	26.10	30.00
5550MHz	Pass	8.00	18.03	18.34	21.20	21.98	29.20	30.00
5670MHz	Pass	8.00	15.49	15.72	18.62	21.98	26.62	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	17.99	18.37	21.19	21.98	29.19	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	7.48	7.76	10.63	28.00	18.63	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.00	14.00	14.28	17.15	21.98	25.15	30.00
5530MHz	Pass	8.00	15.04	15.59	18.33	21.98	26.33	30.00
5610MHz	Pass	8.00	18.02	18.62	21.34	21.98	29.34	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	18.04	18.31	21.19	21.98	29.19	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	3.71	3.79	6.76	28.00	14.76	36.00
802.11ac VHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.00	6.57	6.33	9.46	28.00	17.46	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	8.00	6.38	7.00	9.71	21.98	17.71	30.00
5570MHz	Pass	8.00	10.54	11.19	13.89	21.98	21.89	30.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.00	18.17	18.56	21.38	21.98	29.38	30.00
5300MHz	Pass	8.00	17.97	18.69	21.36	21.98	29.36	30.00
5320MHz	Pass	8.00	17.50	18.25	20.90	21.98	28.90	30.00
5500MHz	Pass	8.00	17.79	18.15	20.98	21.98	28.98	30.00
5580MHz	Pass	8.00	18.42	18.52	21.48	21.98	29.48	30.00
5700MHz	Pass	8.00	16.35	16.33	19.35	21.98	27.35	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	17.81	17.81	20.82	20.99	28.82	28.99



Average Power Non-Beamforming Sample 2 Radio 2 Omni 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)
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	12.48	12.37	15.44	28.00	23.44	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	8.00	18.32	18.39	21.37	21.98	29.37	30.00
5310MHz	Pass	8.00	15.17	15.59	18.40	21.98	26.40	30.00
5510MHz	Pass	8.00	14.96	15.49	18.24	21.98	26.24	30.00
5550MHz	Pass	8.00	18.22	18.63	21.44	21.98	29.44	30.00
5670MHz	Pass	8.00	15.57	16.00	18.80	21.98	26.80	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	18.12	18.59	21.37	21.98	29.37	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	8.19	8.64	11.43	28.00	19.43	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.00	14.29	14.60	17.46	21.98	25.46	30.00
5530MHz	Pass	8.00	15.26	15.78	18.54	21.98	26.54	30.00
5610MHz	Pass	8.00	18.20	18.74	21.49	21.98	29.49	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	18.28	18.49	21.40	21.98	29.40	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	4.56	4.68	7.63	28.00	15.63	36.00
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.00	6.90	6.76	9.84	28.00	17.84	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	8.00	6.74	7.20	9.99	21.98	17.99	30.00
5570MHz	Pass	8.00	10.87	11.59	14.26	21.98	22.26	30.00

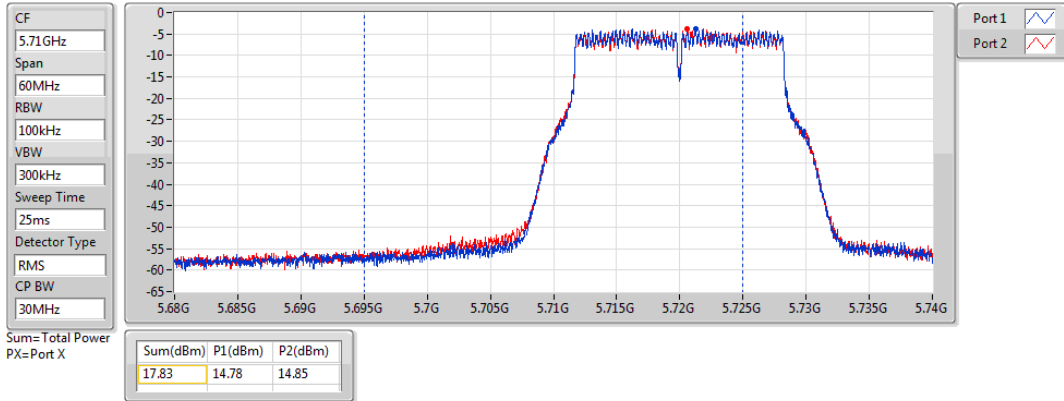
DG = Directional Gain; Port X = Port X output power

802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

06/11/2019

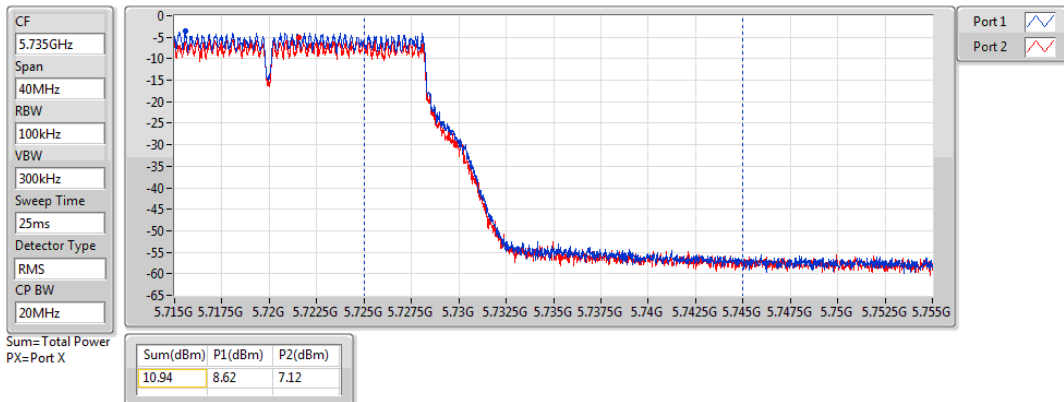


802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

06/11/2019

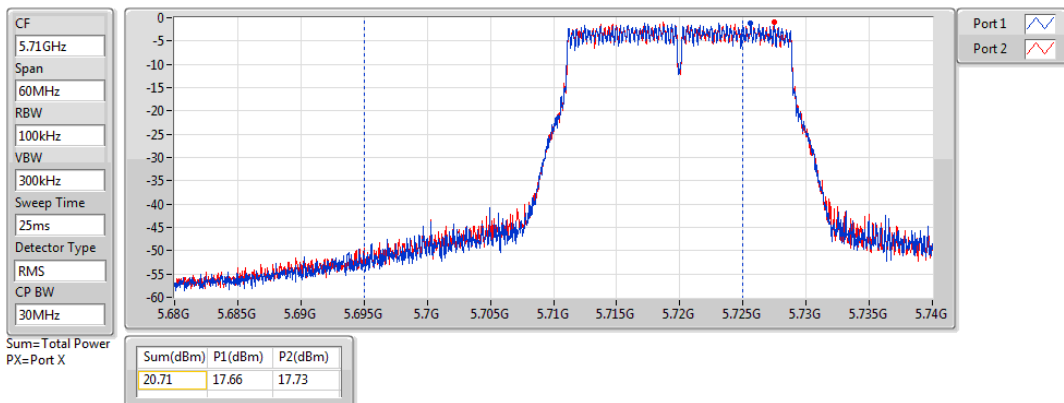


802.11ac VHT20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

07/11/2019

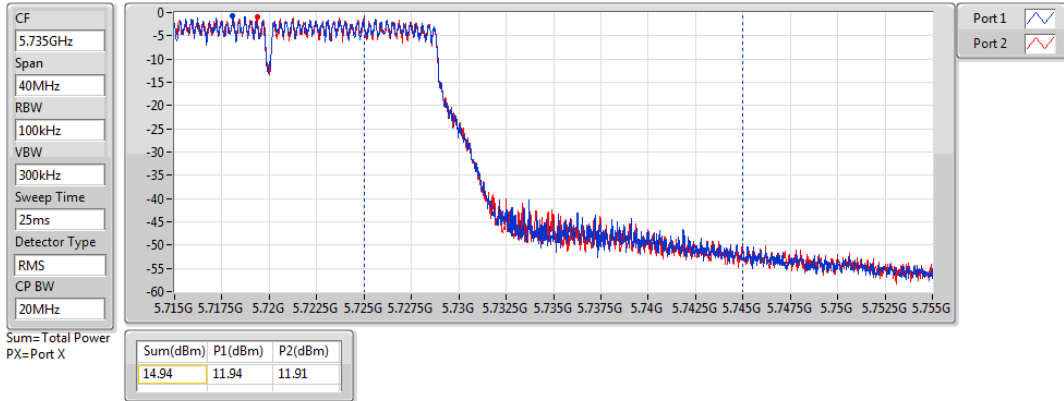


802.11ac VHT20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

07/11/2019

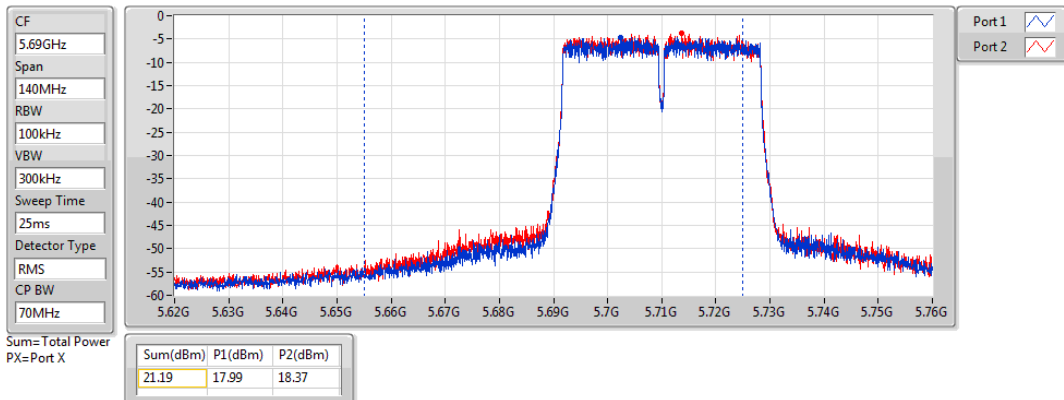


802.11ac VHT40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

07/11/2019

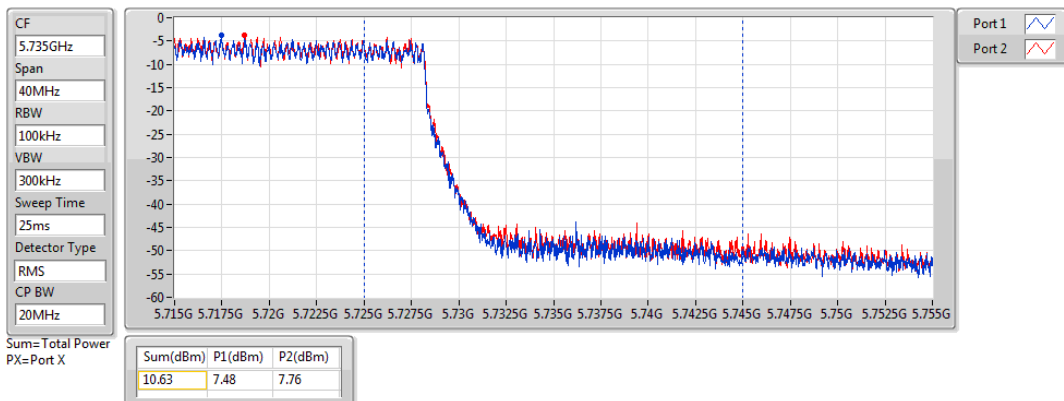


802.11ac VHT40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

07/11/2019

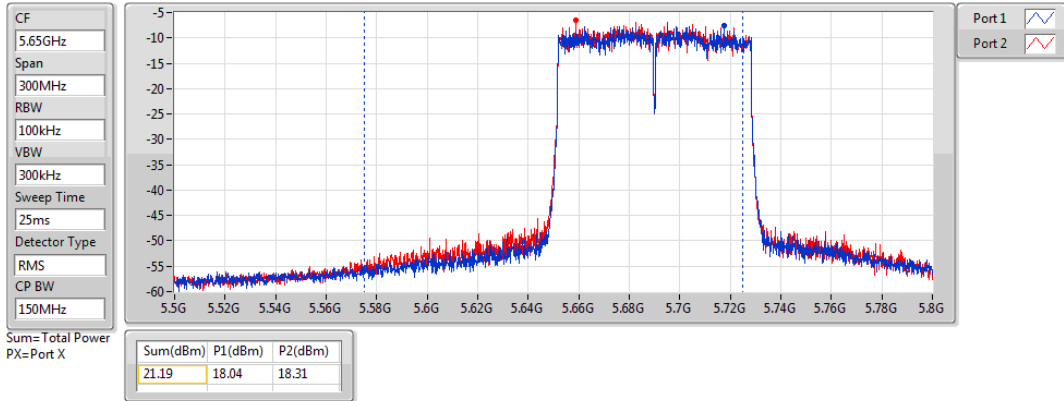


802.11ac VHT80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

07/11/2019

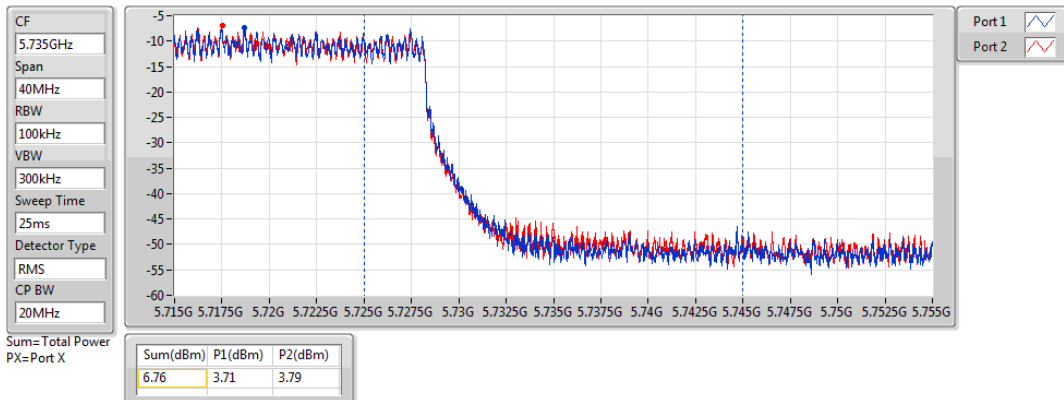


802.11ac VHT80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

07/11/2019

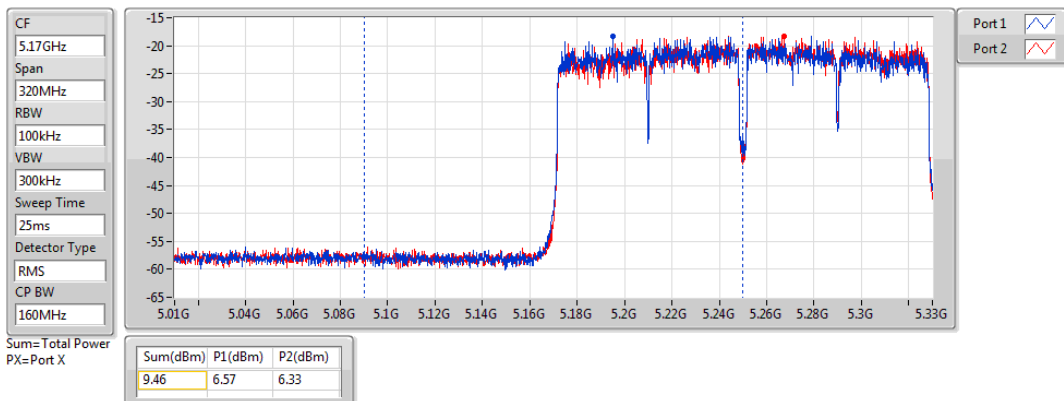


802.11ac VHT160_Nss2,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz

04/12/2019

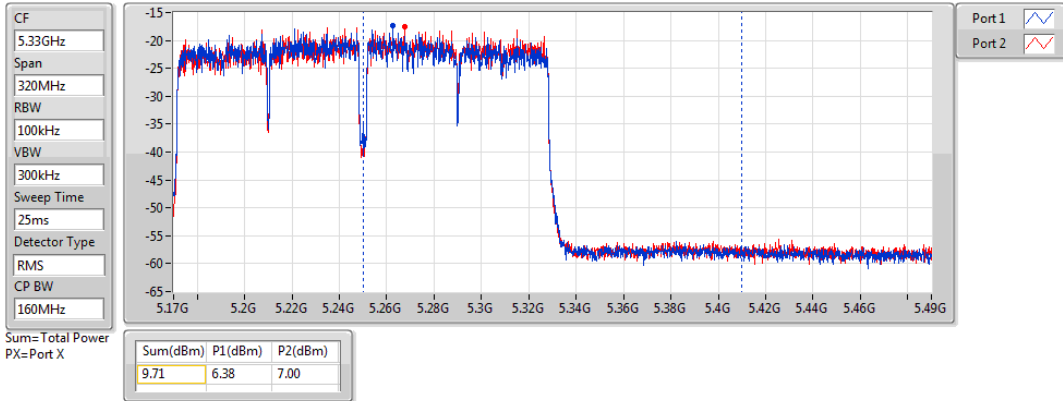


802.11ac VHT160_Nss2,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz

04/12/2019

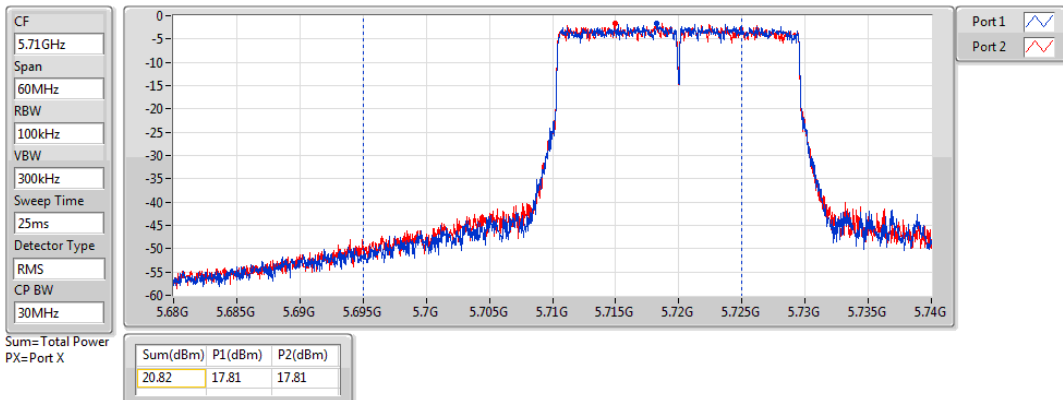


802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

06/11/2019

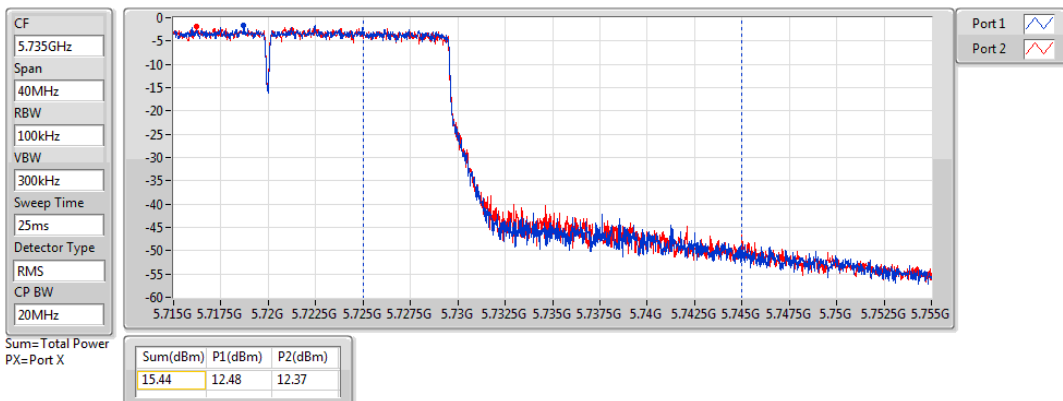


802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

06/11/2019

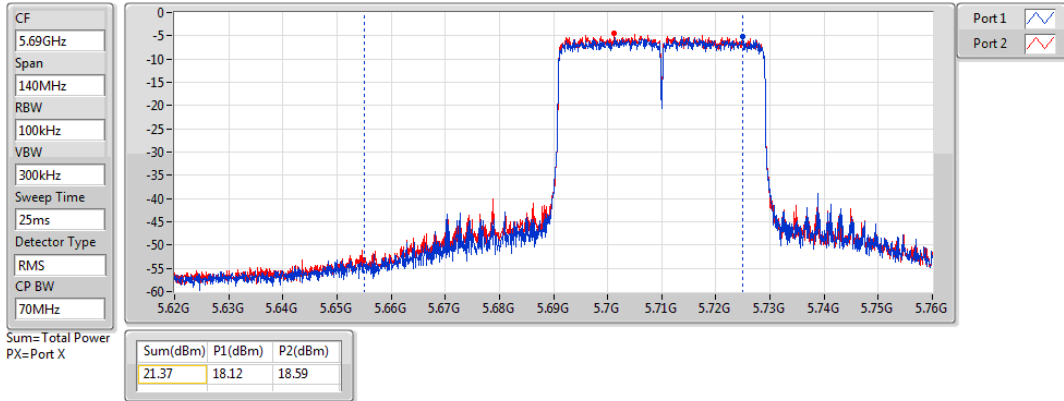


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

07/11/2019

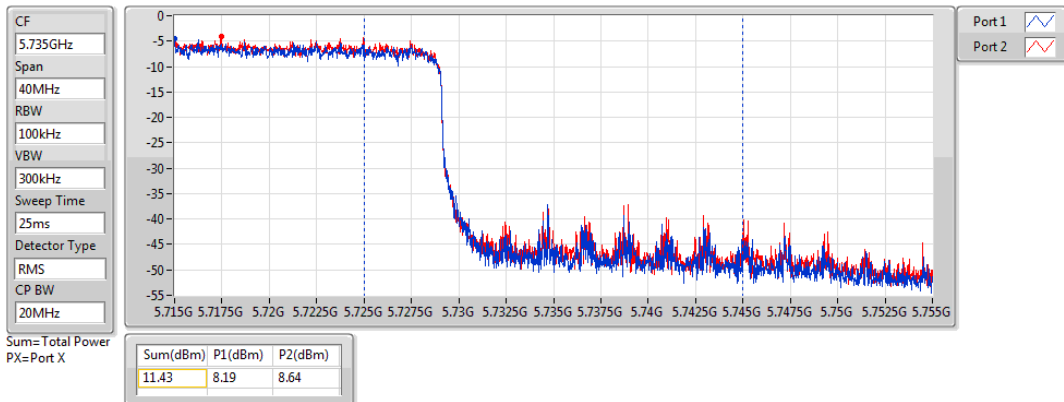


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

07/11/2019

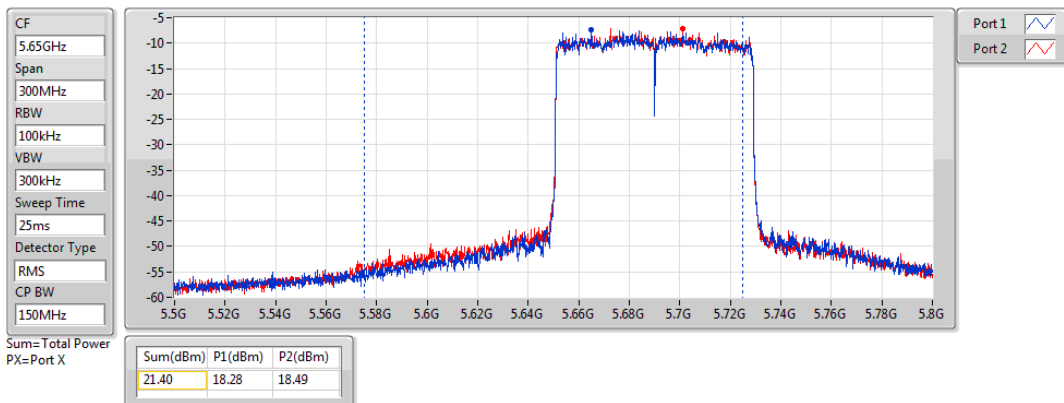


802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

07/11/2019

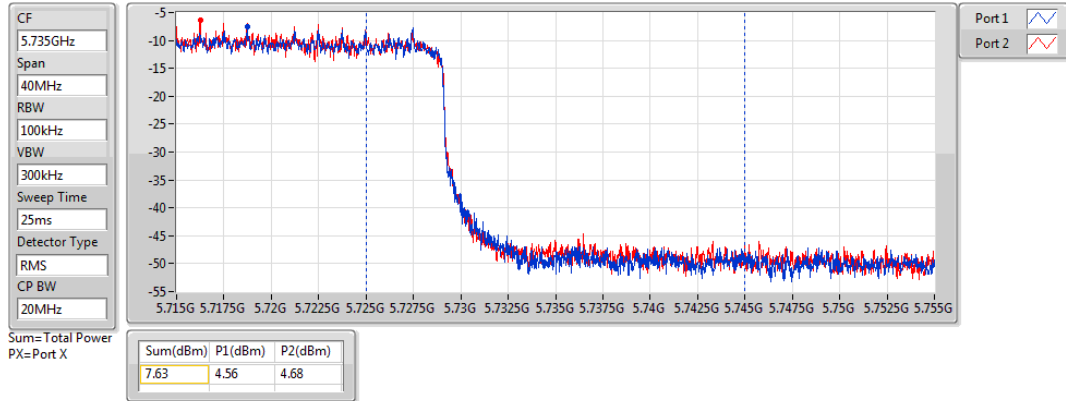


802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

07/11/2019

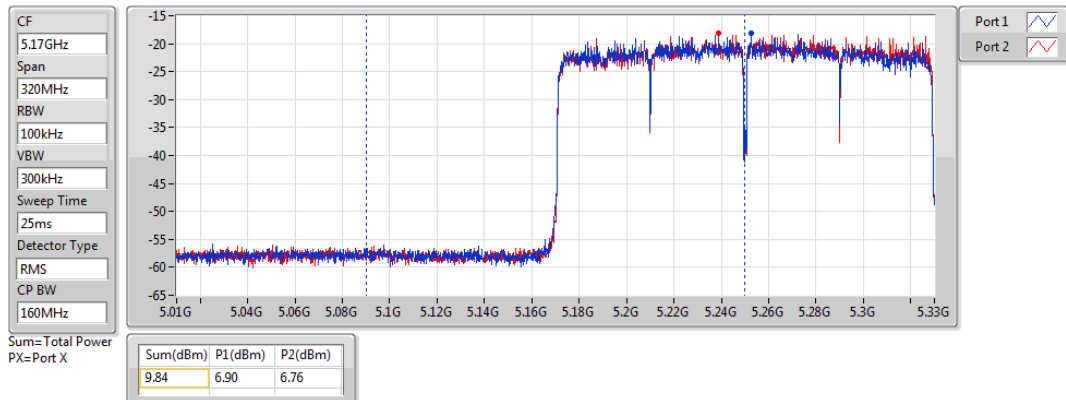


802.11ax HEW160_Nss2,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz

04/12/2019

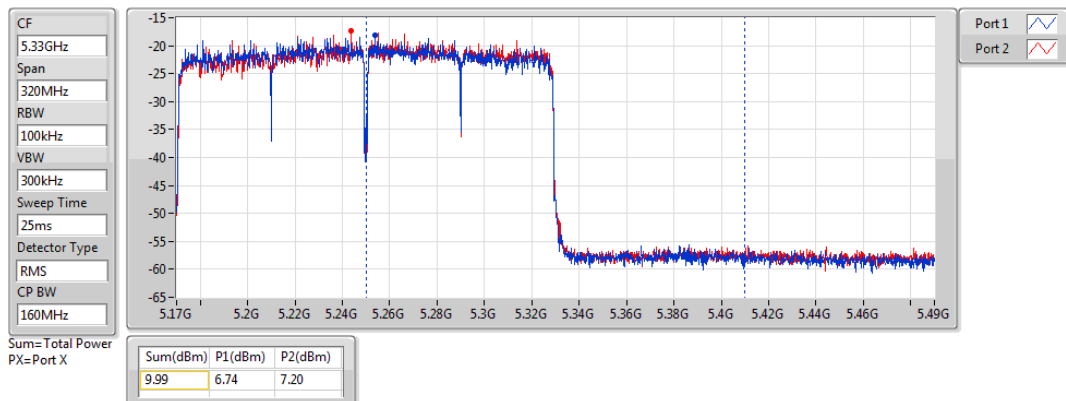


802.11ax HEW160_Nss2,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz

04/12/2019





Average Power_Non-Beamforming_Sample 2_Radio 2_Omni_4T1S Appendix B.9

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT160_Nss1,(MCS0)_4TX	11.57	0.01435	19.57	0.09057
802.11ax HEW160_Nss1,(MCS0)_4TX	11.86	0.01535	19.86	0.09683
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	15.76	0.03767	23.76	0.23768
802.11ac VHT20_Nss1,(MCS0)_4TX	16.09	0.04064	24.09	0.25645
802.11ac VHT40_Nss1,(MCS0)_4TX	18.85	0.07674	26.85	0.48417
802.11ac VHT80_Nss1,(MCS0)_4TX	18.43	0.06966	26.43	0.43954
802.11ac VHT160_Nss1,(MCS0)_4TX	11.68	0.01472	19.68	0.09290
802.11ax HEW20_Nss1,(MCS0)_4TX	16.36	0.04325	24.36	0.27290
802.11ax HEW40_Nss1,(MCS0)_4TX	19.02	0.07980	27.02	0.50350
802.11ax HEW80_Nss1,(MCS0)_4TX	18.64	0.07311	26.64	0.46132
802.11ax HEW160_Nss1,(MCS0)_4TX	12.02	0.01592	20.02	0.10046
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	15.72	0.03733	23.72	0.23550
802.11ac VHT20_Nss1,(MCS0)_4TX	16.19	0.04159	24.19	0.26242
802.11ac VHT40_Nss1,(MCS0)_4TX	18.35	0.06839	26.35	0.43152
802.11ac VHT80_Nss1,(MCS0)_4TX	21.12	0.12942	29.12	0.81658
802.11ac VHT160_Nss1,(MCS0)_4TX	16.88	0.04875	24.88	0.30761
802.11ax HEW20_Nss1,(MCS0)_4TX	16.42	0.04385	24.42	0.27669
802.11ax HEW40_Nss1,(MCS0)_4TX	18.68	0.07379	26.68	0.46559
802.11ax HEW80_Nss1,(MCS0)_4TX	21.34	0.13614	29.34	0.85901
802.11ax HEW160_Nss1,(MCS0)_4TX	17.09	0.05117	25.09	0.32285
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	8.59	0.00723	16.59	0.04560
802.11ac VHT20_Nss1,(MCS0)_4TX	9.37	0.00865	17.37	0.05458
802.11ac VHT40_Nss1,(MCS0)_4TX	8.00	0.00631	16.00	0.03981
802.11ac VHT80_Nss1,(MCS0)_4TX	6.55	0.00452	14.55	0.02851
802.11ax HEW20_Nss1,(MCS0)_4TX	9.68	0.00929	17.68	0.05861
802.11ax HEW40_Nss1,(MCS0)_4TX	8.66	0.00735	16.66	0.04634
802.11ax HEW80_Nss1,(MCS0)_4TX	7.45	0.00556	15.45	0.03508



Average Power Non-Beamforming Sample 2 Radio 2 Omni 4T1S Appendix B.9

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	8.00	9.46	9.69	9.53	9.19	15.49	21.98	23.49	30.00
5300MHz	Pass	8.00	9.12	9.68	9.59	9.30	15.45	21.98	23.45	30.00
5320MHz	Pass	8.00	9.43	10.12	9.86	9.52	15.76	21.98	23.76	30.00
5500MHz	Pass	8.00	9.53	9.68	10.04	9.25	15.65	21.98	23.65	30.00
5580MHz	Pass	8.00	9.50	9.84	9.91	9.53	15.72	21.98	23.72	30.00
5700MHz	Pass	8.00	9.53	9.49	9.80	9.72	15.66	21.98	23.66	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	8.94	8.60	8.95	8.88	14.87	20.95	22.87	28.95
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	2.62	2.55	2.41	2.69	8.59	28.00	16.59	36.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	8.00	9.73	10.11	10.04	9.69	15.92	21.98	23.92	30.00
5300MHz	Pass	8.00	9.79	10.06	10.13	9.88	15.99	21.98	23.99	30.00
5320MHz	Pass	8.00	9.69	10.40	10.28	9.86	16.09	21.98	24.09	30.00
5500MHz	Pass	8.00	10.02	10.20	10.68	9.73	16.19	21.98	24.19	30.00
5580MHz	Pass	8.00	9.85	10.11	10.00	9.42	15.87	21.98	23.87	30.00
5700MHz	Pass	8.00	8.51	8.53	8.67	8.64	14.61	21.98	22.61	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	9.14	8.84	9.13	9.30	15.13	21.02	23.13	29.02
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	3.41	3.09	3.39	3.50	9.37	28.00	17.37	36.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	8.00	12.55	13.03	12.88	12.85	18.85	21.98	26.85	30.00
5310MHz	Pass	8.00	10.61	11.29	11.18	10.87	17.02	21.98	25.02	30.00
5510MHz	Pass	8.00	10.79	11.49	11.31	10.98	17.17	21.98	25.17	30.00
5550MHz	Pass	8.00	12.05	12.68	12.38	12.19	18.35	21.98	26.35	30.00
5670MHz	Pass	8.00	11.53	12.24	12.11	12.32	18.08	21.98	26.08	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	11.95	12.90	12.61	8.79	17.85	21.98	25.85	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	1.45	2.06	2.28	2.08	8.00	28.00	16.00	36.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	8.00	12.15	12.62	12.69	12.16	18.43	21.98	26.43	30.00
5530MHz	Pass	8.00	12.48	13.06	12.88	12.66	18.80	21.98	26.80	30.00
5610MHz	Pass	8.00	14.87	15.07	15.18	15.05	21.06	21.98	29.06	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	14.84	15.24	15.07	15.25	21.12	21.98	29.12	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	0.36	0.37	0.94	0.43	6.55	28.00	14.55	36.00
802.11ac VHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.00	5.38	5.45	5.89	5.46	11.57	28.00	19.57	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	8.00	5.22	5.91	5.83	5.66	11.68	21.98	19.68	30.00
5570MHz	Pass	8.00	10.39	11.29	10.89	10.81	16.88	21.98	24.88	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	8.00	10.09	10.32	10.31	9.81	16.16	21.98	24.16	30.00
5300MHz	Pass	8.00	10.04	10.43	10.48	10.07	16.28	21.98	24.28	30.00
5320MHz	Pass	8.00	10.08	10.61	10.48	10.17	16.36	21.98	24.36	30.00
5500MHz	Pass	8.00	10.23	10.40	10.62	10.01	16.34	21.98	24.34	30.00
5580MHz	Pass	8.00	10.28	10.58	10.63	10.08	16.42	21.98	24.42	30.00
5700MHz	Pass	8.00	8.86	8.85	8.83	8.84	14.87	21.98	22.87	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	9.31	9.14	9.12	9.49	15.29	20.96	23.29	28.96



Average Power Non-Beamforming Sample 2 Radio 2 Omni 4T1S Appendix B.9

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	4.01	3.70	3.85	3.03	9.68	28.00	17.68	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	8.00	12.71	13.21	13.06	13.00	19.02	21.98	27.02	30.00
5310MHz	Pass	8.00	10.76	11.47	11.23	11.10	17.17	21.98	25.17	30.00
5510MHz	Pass	8.00	11.03	11.56	11.42	11.06	17.29	21.98	25.29	30.00
5550MHz	Pass	8.00	12.20	12.86	12.48	12.27	18.48	21.98	26.48	30.00
5670MHz	Pass	8.00	11.72	12.41	12.31	12.42	18.24	21.98	26.24	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	12.01	12.93	12.73	12.90	18.68	21.98	26.68	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	2.17	2.74	2.93	2.68	8.66	28.00	16.66	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	8.00	12.38	12.89	12.82	12.38	18.64	21.98	26.64	30.00
5530MHz	Pass	8.00	12.59	13.26	13.35	12.93	19.06	21.98	27.06	30.00
5610MHz	Pass	8.00	14.98	15.34	15.56	15.09	21.27	21.98	29.27	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	15.07	15.41	15.38	15.39	21.34	21.98	29.34	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	1.28	1.24	1.91	1.25	7.45	28.00	15.45	36.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.00	5.72	5.71	6.07	5.83	11.86	28.00	19.86	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	8.00	5.59	6.29	6.08	5.99	12.02	21.98	20.02	30.00
5570MHz	Pass	8.00	10.60	11.41	11.22	11.01	17.09	21.98	25.09	30.00

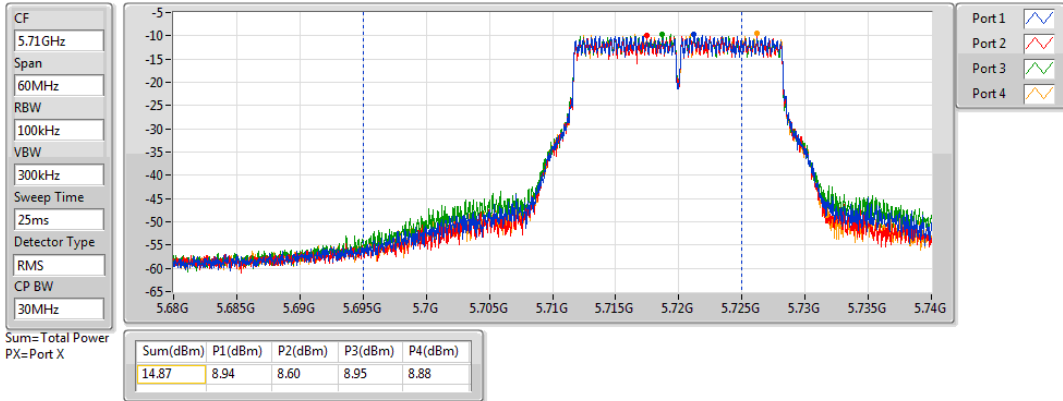
DG = Directional Gain; Port X = Port X output power

802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

07/11/2019

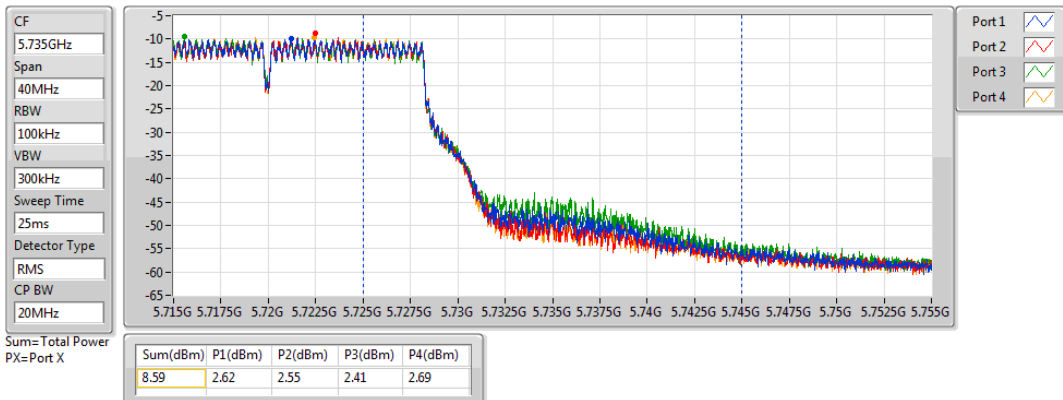


802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

07/11/2019

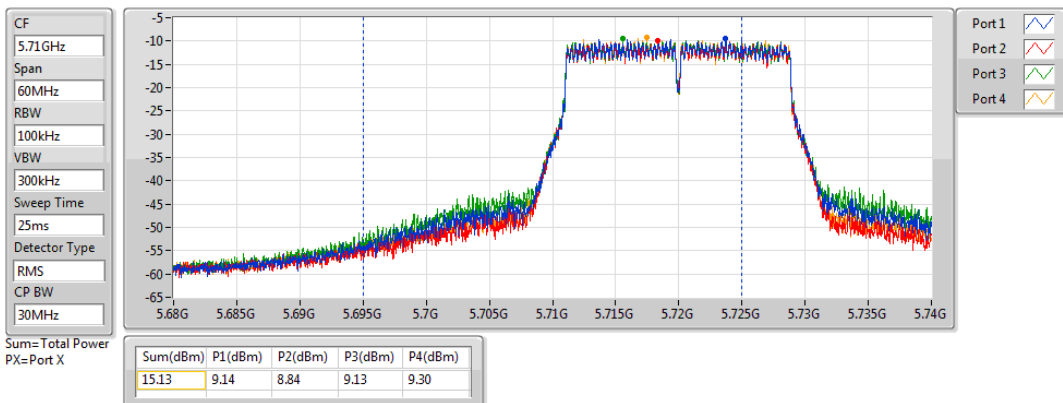


802.11ac VHT20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

07/11/2019



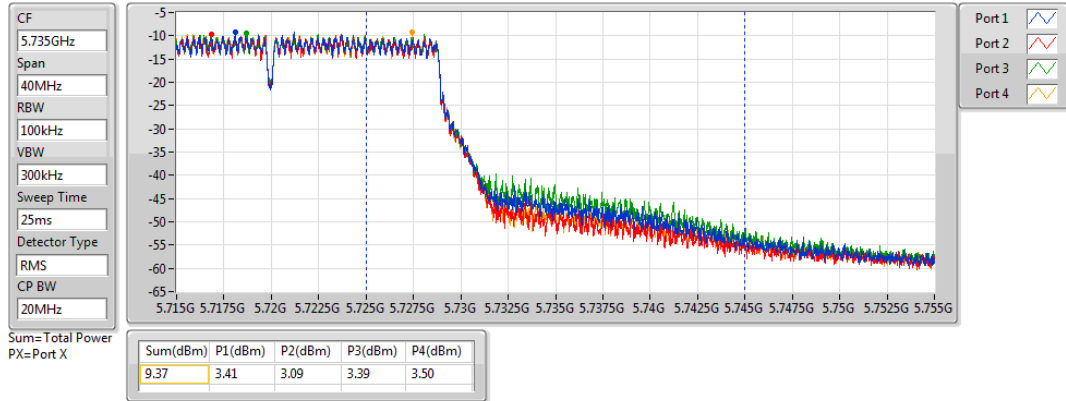


802.11ac VHT20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

07/11/2019

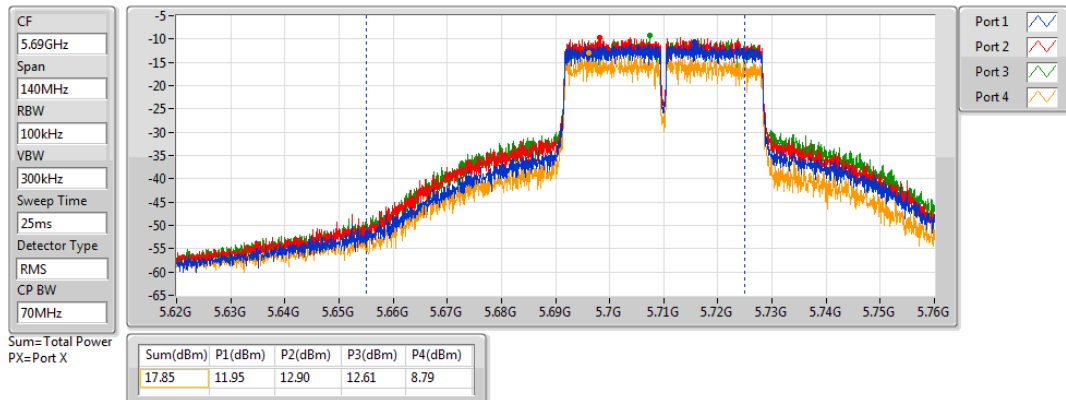


802.11ac VHT40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

08/11/2019

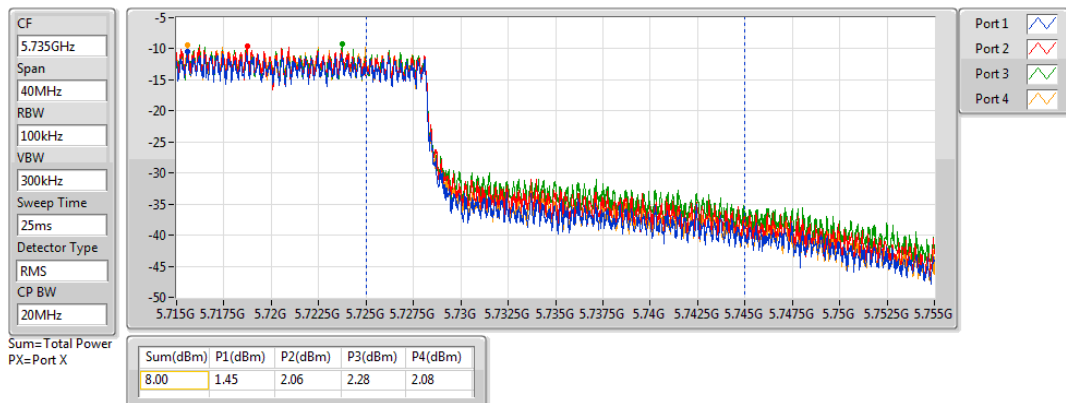


802.11ac VHT40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

08/11/2019





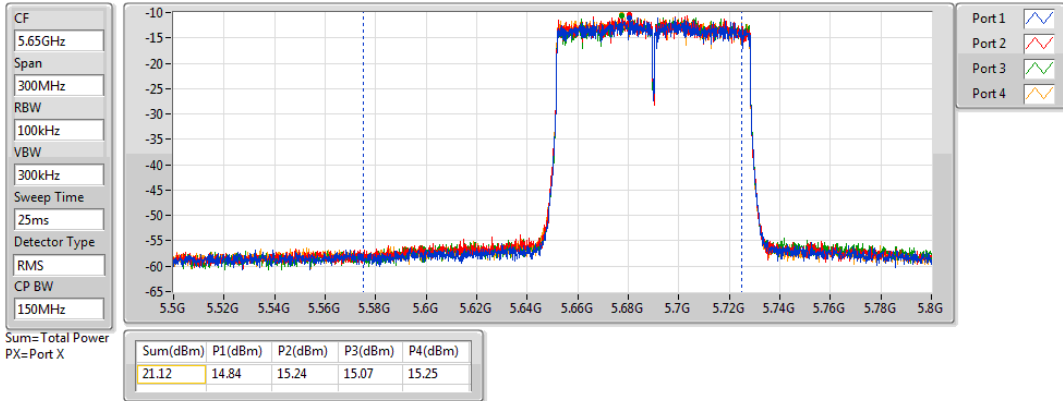
Average Power_Non-Beamforming_Sample 2_Radio 2_Omni_4T1S Appendix B.9

802.11ac VHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

08/11/2019

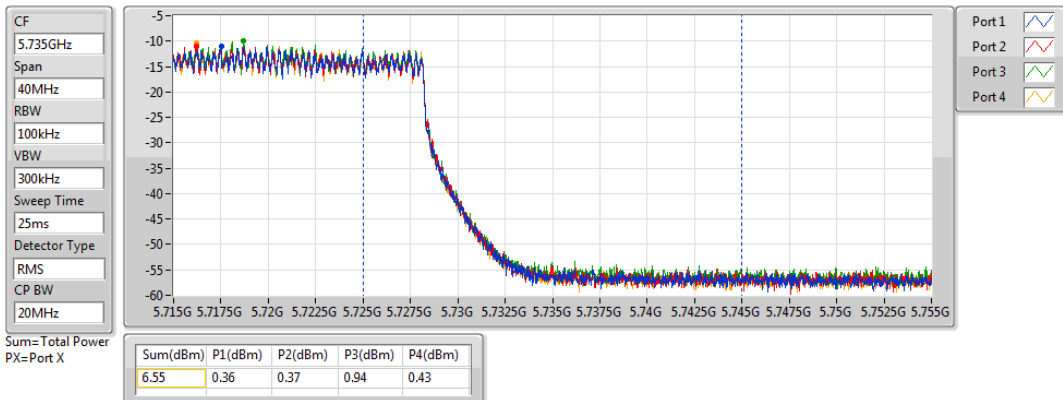


802.11ac VHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

08/11/2019

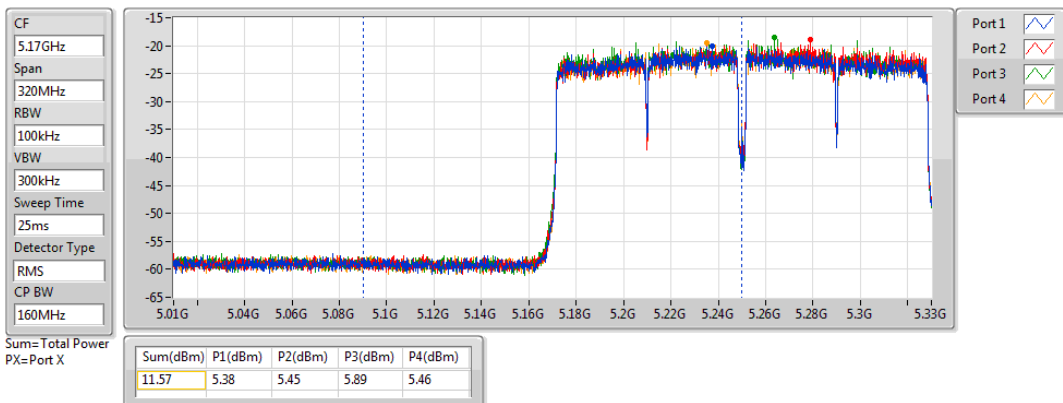


802.11ac VHT160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

04/12/2019



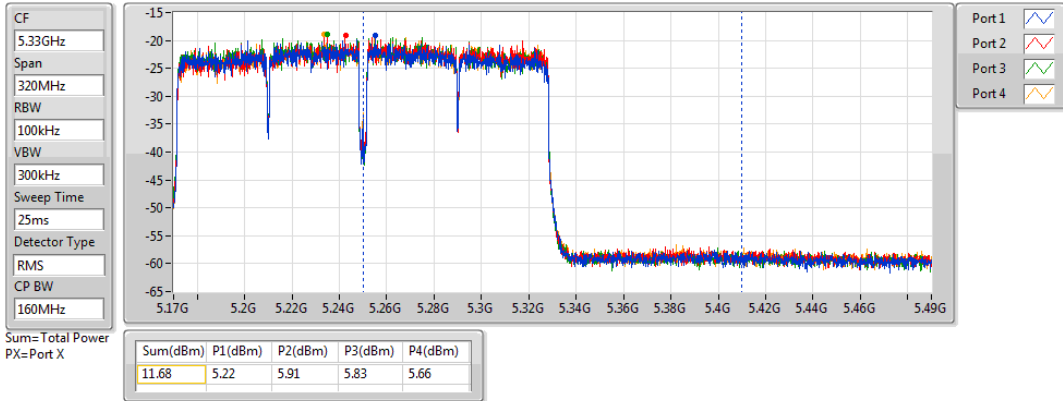


802.11ac VHT160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

04/12/2019

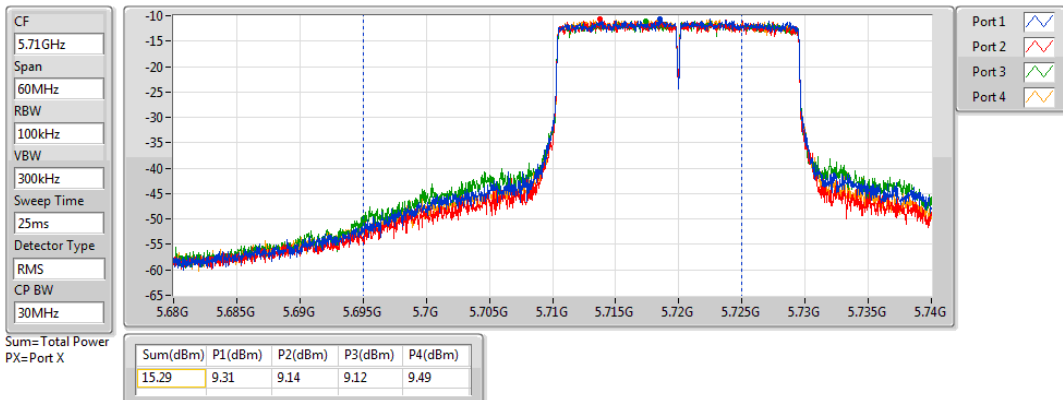


802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

07/11/2019

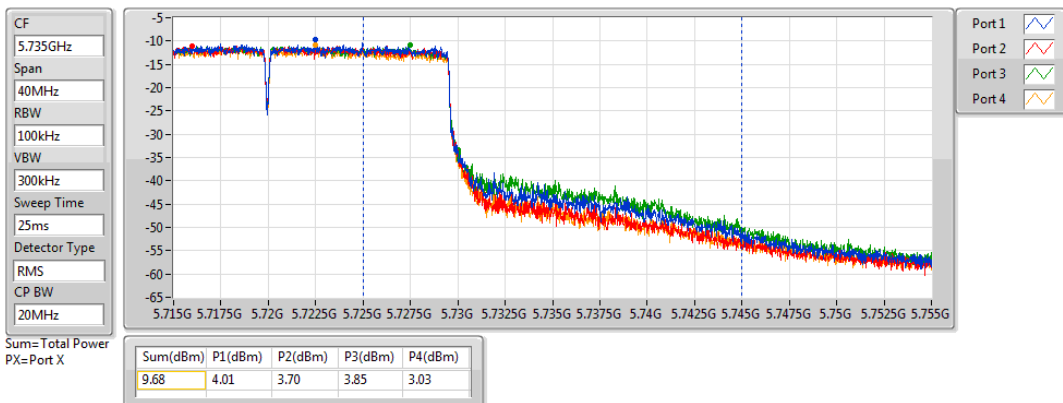


802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

07/11/2019

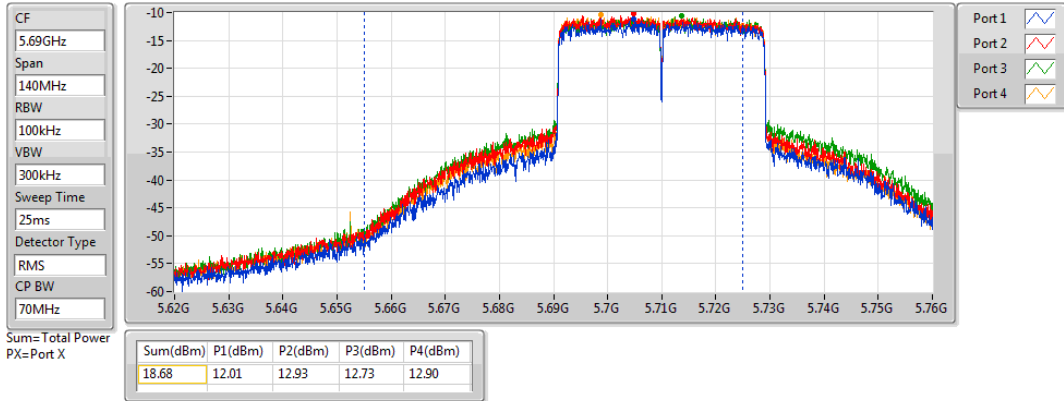


802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

07/11/2019

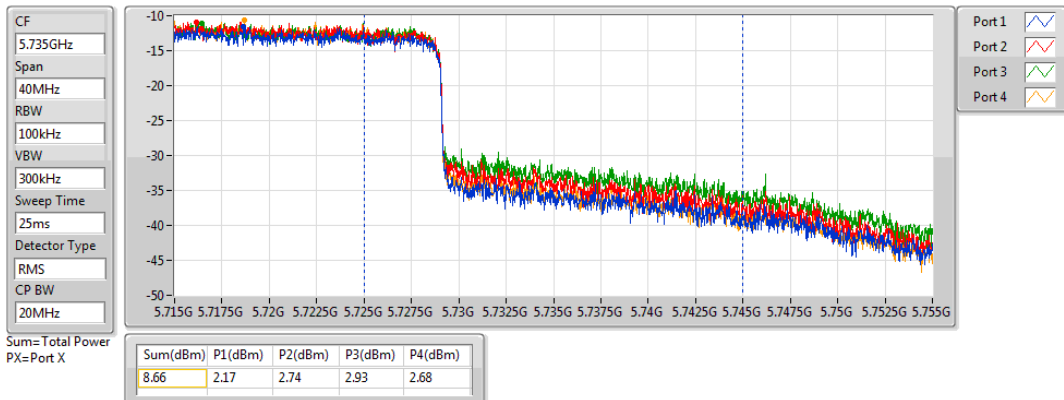


802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

07/11/2019

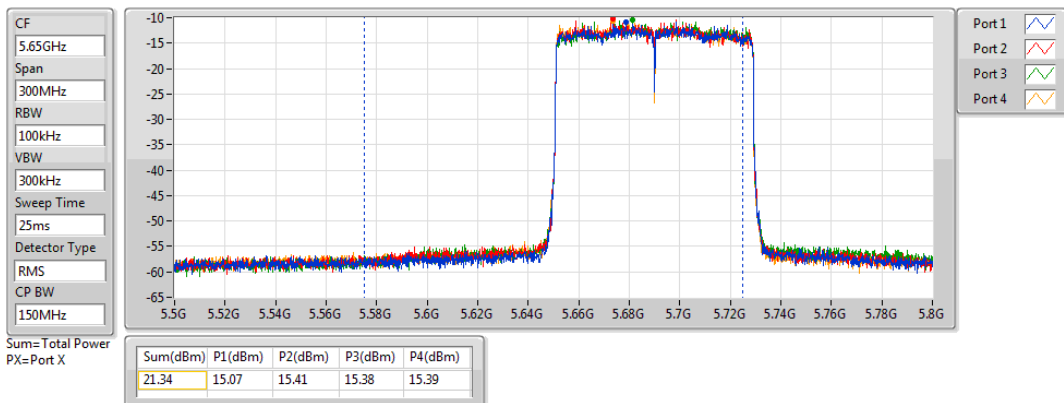


802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

08/11/2019

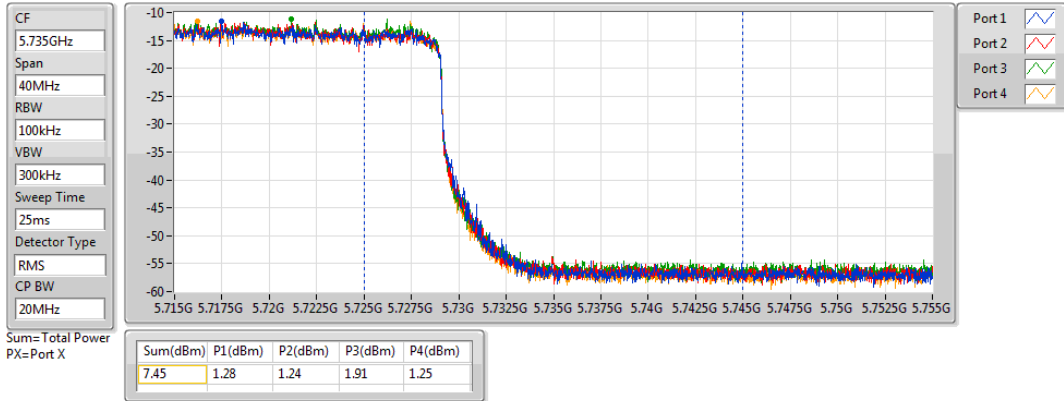


802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

08/11/2019

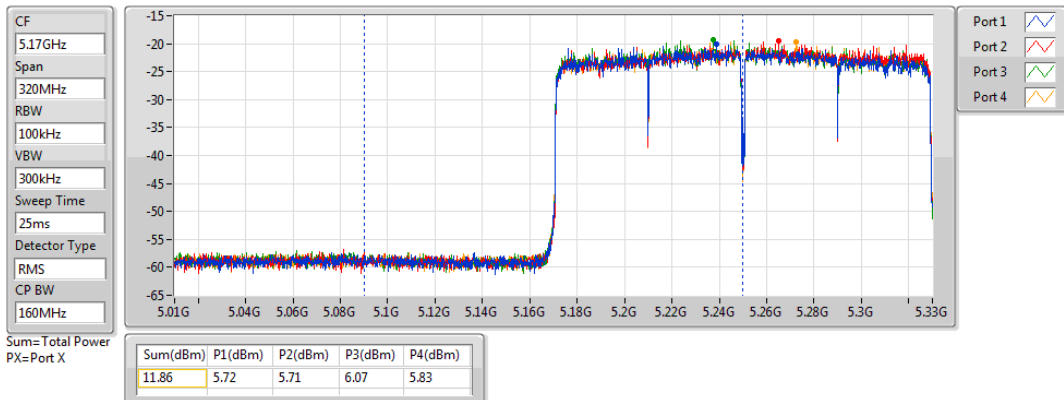


802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

04/12/2019

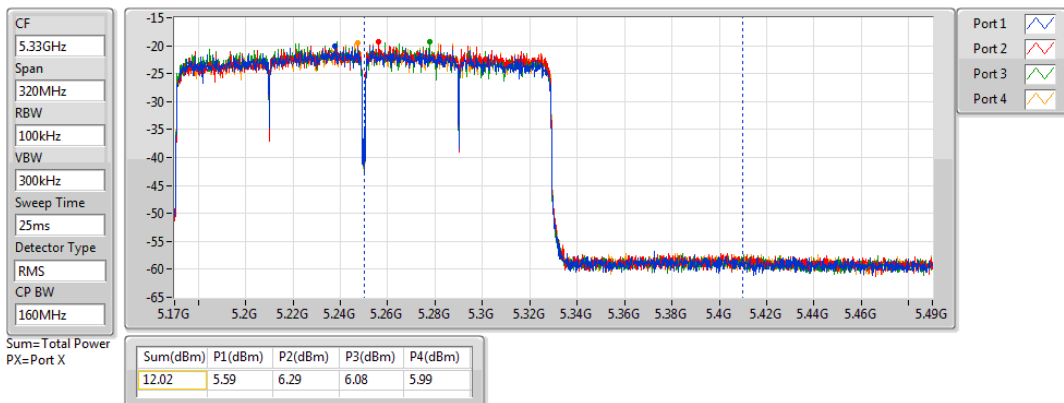


802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

04/12/2019





Average Power_Non-Beamforming_Sample 2_Radio 2_Omni_4T4S Appendix B.10

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT160_Nss4,(MCS0)_4TX	10.65	0.01161	18.65	0.07328
802.11ax HEW160_Nss4,(MCS0)_4TX	10.97	0.01250	18.97	0.07889
5.25-5.35GHz	-	-	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	21.19	0.13152	29.19	0.82985
802.11ac VHT40_Nss4,(MCS0)_4TX	21.03	0.12677	29.03	0.79983
802.11ac VHT80_Nss4,(MCS0)_4TX	19.37	0.08650	27.37	0.54576
802.11ac VHT160_Nss4,(MCS0)_4TX	10.78	0.01197	18.78	0.07551
802.11ax HEW20_Nss4,(MCS0)_4TX	21.41	0.13836	29.41	0.87297
802.11ax HEW40_Nss4,(MCS0)_4TX	21.21	0.13213	29.21	0.83368
802.11ax HEW80_Nss4,(MCS0)_4TX	19.71	0.09354	27.71	0.59020
802.11ax HEW160_Nss4,(MCS0)_4TX	11.13	0.01297	19.13	0.08185
5.47-5.725GHz	-	-	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	21.08	0.12823	29.08	0.80910
802.11ac VHT40_Nss4,(MCS0)_4TX	21.31	0.13521	29.31	0.85310
802.11ac VHT80_Nss4,(MCS0)_4TX	21.20	0.13183	29.20	0.83176
802.11ac VHT160_Nss4,(MCS0)_4TX	16.07	0.04046	24.07	0.25527
802.11ax HEW20_Nss4,(MCS0)_4TX	21.38	0.13740	29.38	0.86696
802.11ax HEW40_Nss4,(MCS0)_4TX	21.44	0.13932	29.44	0.87902
802.11ax HEW80_Nss4,(MCS0)_4TX	21.43	0.13900	29.43	0.87700
802.11ax HEW160_Nss4,(MCS0)_4TX	16.32	0.04285	24.32	0.27040
5.725-5.85GHz	-	-	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	14.81	0.03027	22.81	0.19099
802.11ac VHT40_Nss4,(MCS0)_4TX	10.73	0.01183	18.73	0.07464
802.11ac VHT80_Nss4,(MCS0)_4TX	6.57	0.00454	14.57	0.02864
802.11ax HEW20_Nss4,(MCS0)_4TX	15.16	0.03281	23.16	0.20701
802.11ax HEW40_Nss4,(MCS0)_4TX	11.31	0.01352	19.31	0.08531
802.11ax HEW80_Nss4,(MCS0)_4TX	7.39	0.00548	15.39	0.03459



Average Power Non-Beamforming Sample 2 Radio 2 Omni 4T4S Appendix B.10

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	8.00	15.11	15.23	15.29	14.52	21.07	21.98	29.07	30.00
5300MHz	Pass	8.00	14.89	15.31	15.32	14.85	21.12	21.98	29.12	30.00
5320MHz	Pass	8.00	14.88	15.32	15.50	14.95	21.19	21.98	29.19	30.00
5500MHz	Pass	8.00	14.84	14.97	15.22	14.61	20.94	21.98	28.94	30.00
5580MHz	Pass	8.00	14.89	15.27	15.37	14.67	21.08	21.98	29.08	30.00
5700MHz	Pass	8.00	14.26	14.29	14.39	14.22	20.31	21.98	28.31	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	14.73	14.66	14.74	14.69	20.73	20.96	28.73	28.96
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	8.77	8.68	8.85	8.87	14.81	28.00	22.81	36.00
802.11ac VHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	8.00	14.77	15.18	15.23	14.85	21.03	21.98	29.03	30.00
5310MHz	Pass	8.00	12.45	13.15	13.44	12.87	19.01	21.98	27.01	30.00
5510MHz	Pass	8.00	12.84	13.32	13.52	12.95	19.19	21.98	27.19	30.00
5550MHz	Pass	8.00	14.86	15.61	15.48	14.96	21.26	21.98	29.26	30.00
5670MHz	Pass	8.00	14.08	14.37	14.43	14.19	20.29	21.98	28.29	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	15.06	15.30	15.34	15.44	21.31	21.98	29.31	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	4.56	4.61	4.94	4.73	10.73	28.00	18.73	36.00
802.11ac VHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	8.00	13.05	13.52	13.63	13.17	19.37	21.98	27.37	30.00
5530MHz	Pass	8.00	13.23	13.76	13.78	13.27	19.54	21.98	27.54	30.00
5610MHz	Pass	8.00	14.84	15.24	15.40	15.03	21.15	21.98	29.15	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	14.84	15.33	15.30	15.23	21.20	21.98	29.20	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	0.47	0.30	1.09	0.30	6.57	28.00	14.57	36.00
802.11ac VHT160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.00	4.46	4.42	5.17	4.44	10.65	28.00	18.65	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	8.00	4.22	5.00	5.13	4.64	10.78	21.98	18.78	30.00
5570MHz	Pass	8.00	9.59	10.26	10.31	9.99	16.07	21.98	24.07	30.00
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	8.00	15.23	15.58	15.68	15.05	21.41	21.98	29.41	30.00
5300MHz	Pass	8.00	15.21	15.50	15.54	15.19	21.38	21.98	29.38	30.00
5320MHz	Pass	8.00	15.22	15.36	15.67	15.28	21.41	21.98	29.41	30.00
5500MHz	Pass	8.00	15.04	15.42	15.62	14.82	21.26	21.98	29.26	30.00
5580MHz	Pass	8.00	15.19	15.58	15.59	15.06	21.38	21.98	29.38	30.00
5700MHz	Pass	8.00	14.65	14.55	14.77	14.65	20.68	21.98	28.68	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	14.80	14.64	14.88	15.01	20.86	20.94	28.86	28.94
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	9.50	9.21	9.48	8.25	15.16	28.00	23.16	36.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	8.00	14.95	15.33	15.50	14.94	21.21	21.98	29.21	30.00
5310MHz	Pass	8.00	12.89	13.27	13.51	12.96	19.19	21.98	27.19	30.00
5510MHz	Pass	8.00	13.08	13.50	13.75	13.19	19.41	21.98	27.41	30.00
5550MHz	Pass	8.00	15.18	15.51	15.67	15.21	21.42	21.98	29.42	30.00
5670MHz	Pass	8.00	14.37	14.43	14.50	14.35	20.43	21.98	28.43	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	15.23	15.38	15.62	15.43	21.44	21.98	29.44	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	5.24	5.34	5.46	5.11	11.31	28.00	19.31	36.00



Average Power_Non-Beamforming_Sample 2_Radio 2_Omni_4T4S Appendix B.10

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	8.00	13.55	13.79	13.87	13.54	19.71	21.98	27.71	30.00
5530MHz	Pass	8.00	14.28	14.85	14.72	14.55	20.63	21.98	28.63	30.00
5610MHz	Pass	8.00	15.01	15.55	15.66	15.41	21.43	21.98	29.43	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	15.10	15.61	15.60	15.29	21.43	21.98	29.43	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	1.26	1.23	1.84	1.13	7.39	28.00	15.39	36.00
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.00	4.92	4.66	5.37	4.82	10.97	28.00	18.97	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	8.00	4.73	5.34	5.38	4.97	11.13	21.98	19.13	30.00
5570MHz	Pass	8.00	9.94	10.52	10.39	10.31	16.32	21.98	24.32	30.00

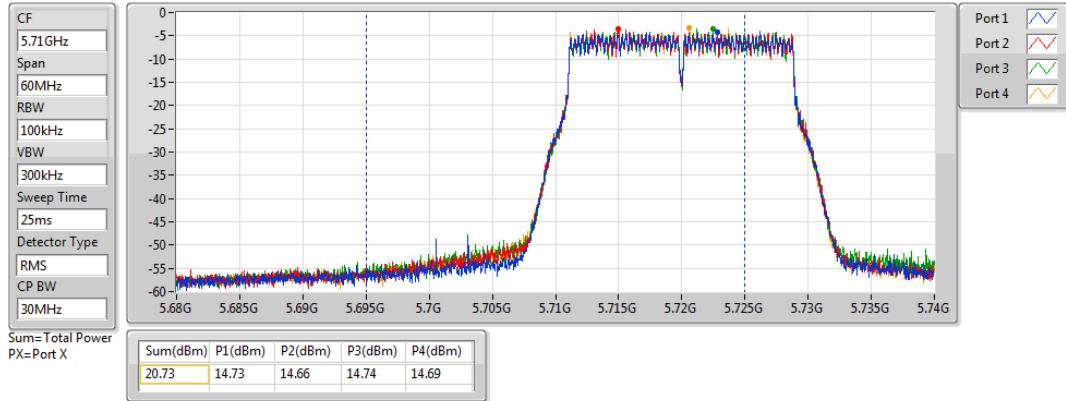
DG = Directional Gain; **Port X** = Port X output power

802.11ac VHT20_Nss4,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

05/11/2019



802.11ac VHT20_Nss4,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

05/11/2019

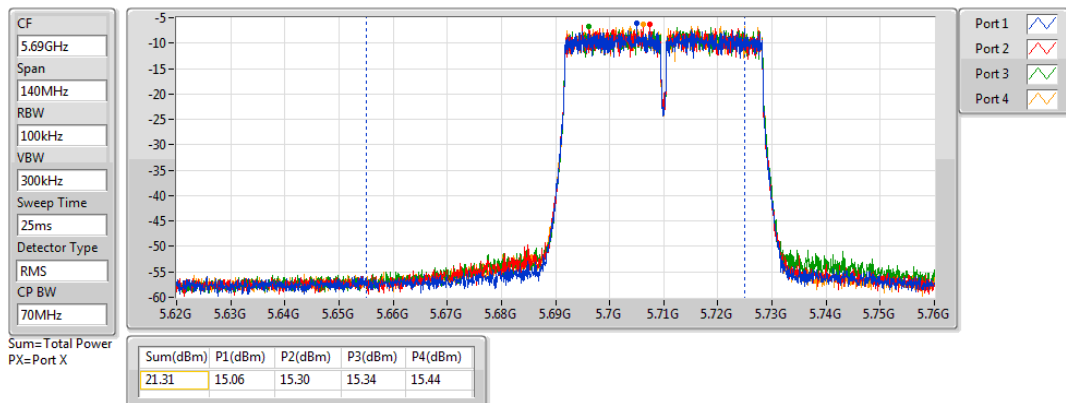


802.11ac VHT40_Nss4,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

05/11/2019



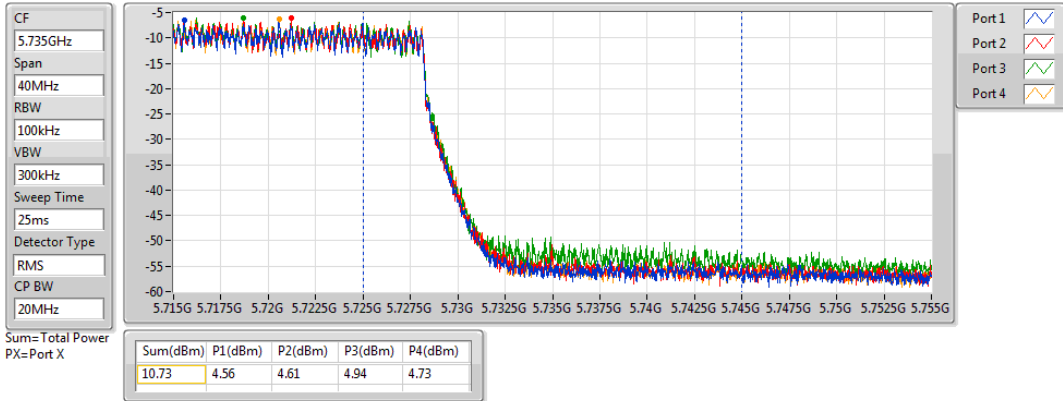


802.11ac VHT40_Nss4,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

05/11/2019

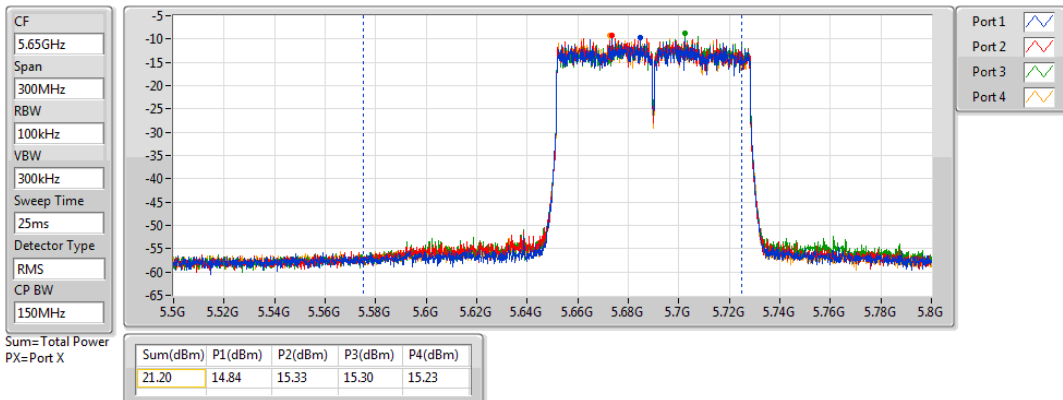


802.11ac VHT80_Nss4,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

05/11/2019

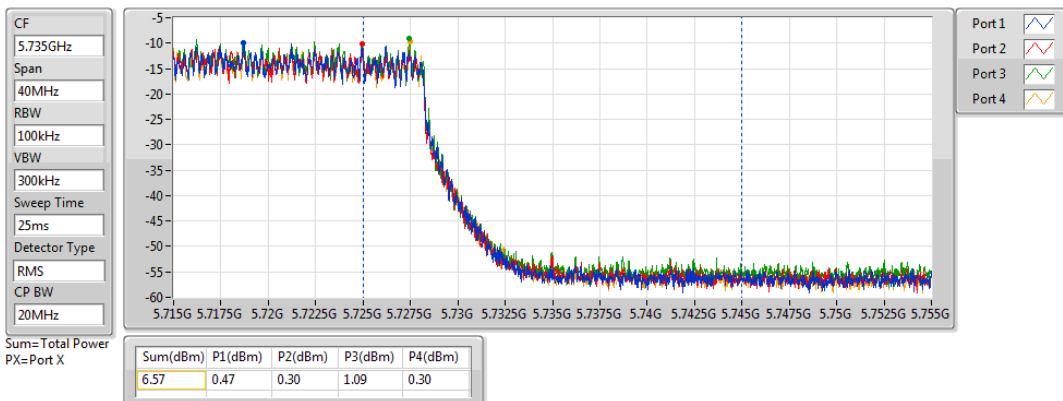


802.11ac VHT80_Nss4,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

05/11/2019

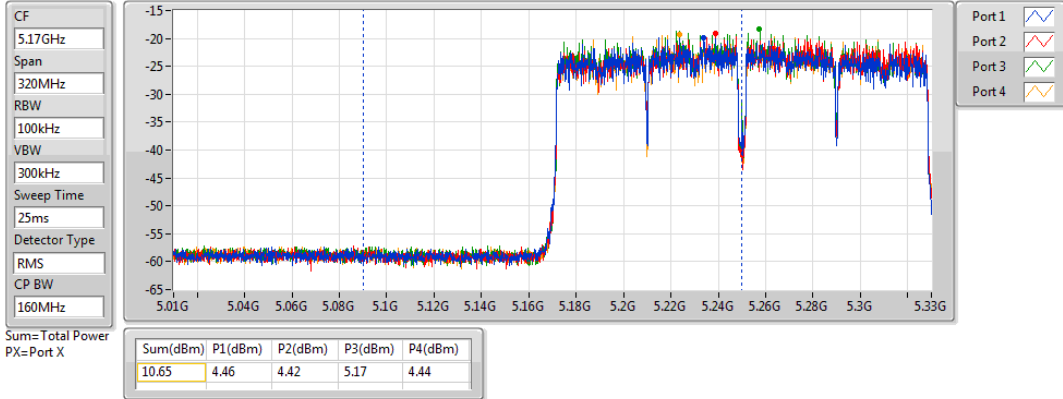


802.11ac VHT160_Nss4,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

04/12/2019

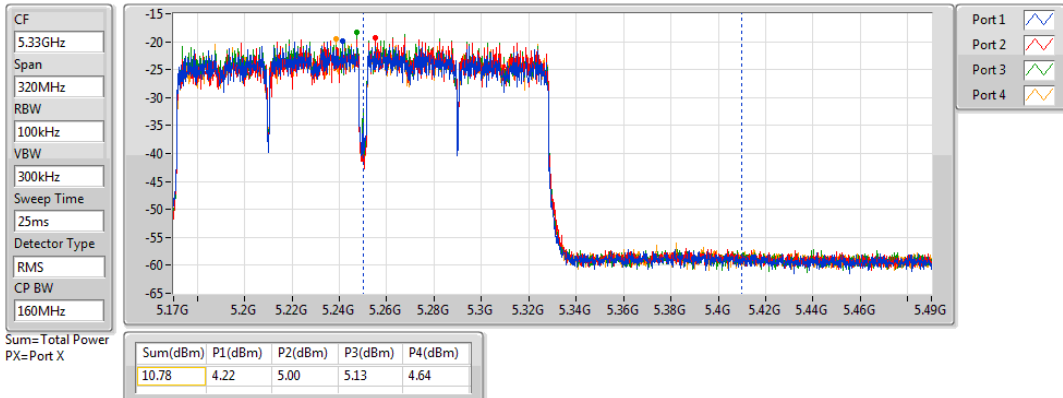


802.11ac VHT160_Nss4,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

04/12/2019

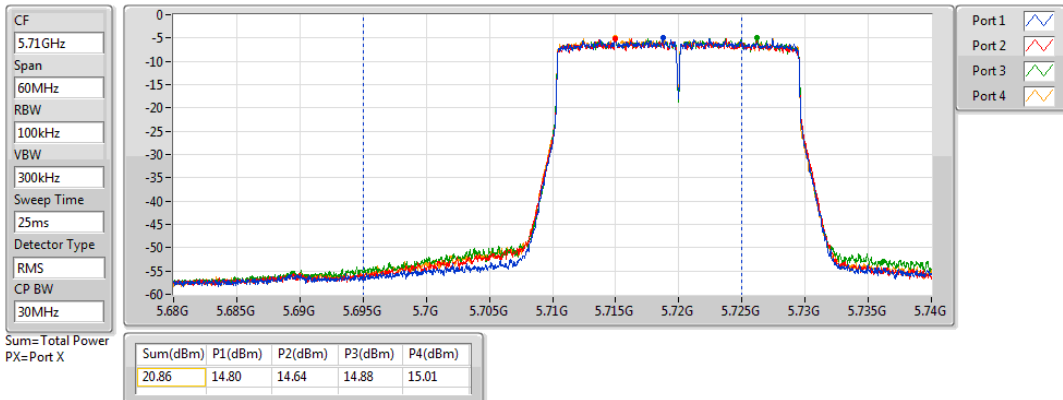


802.11ax HEW20_Nss4,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

05/11/2019

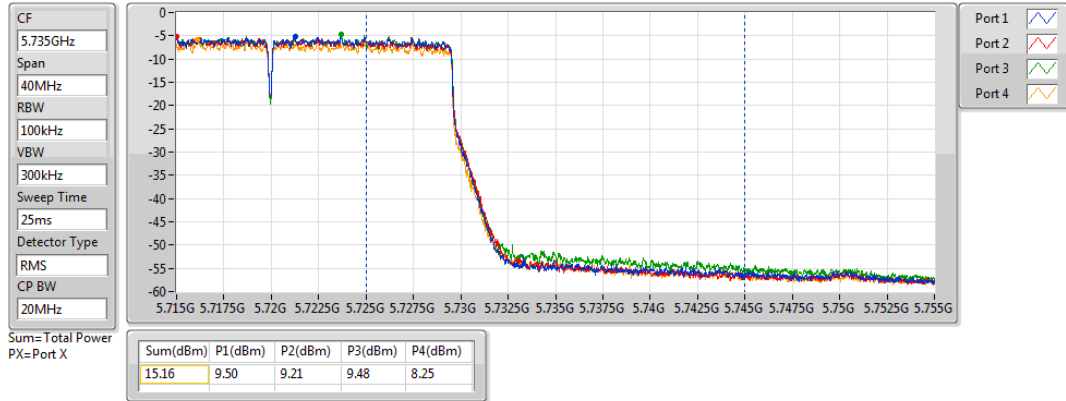


802.11ax HEW20_Nss4,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

05/11/2019

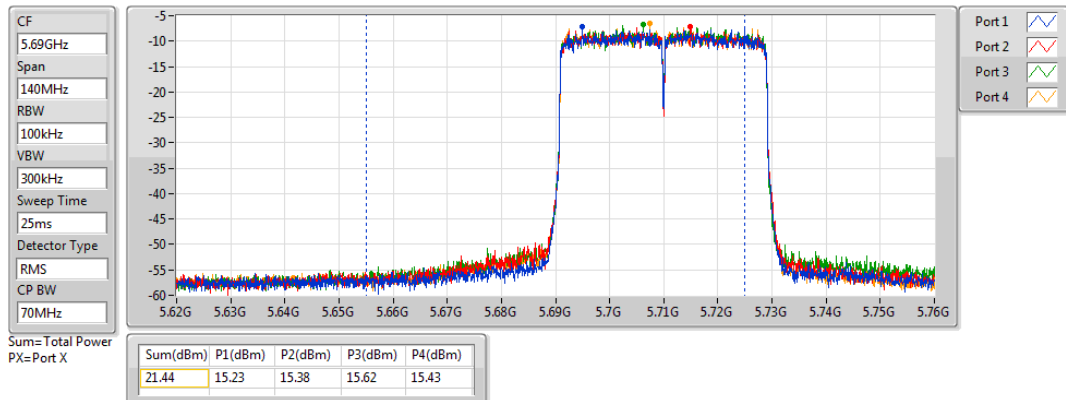


802.11ax HEW40_Nss4,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

05/11/2019

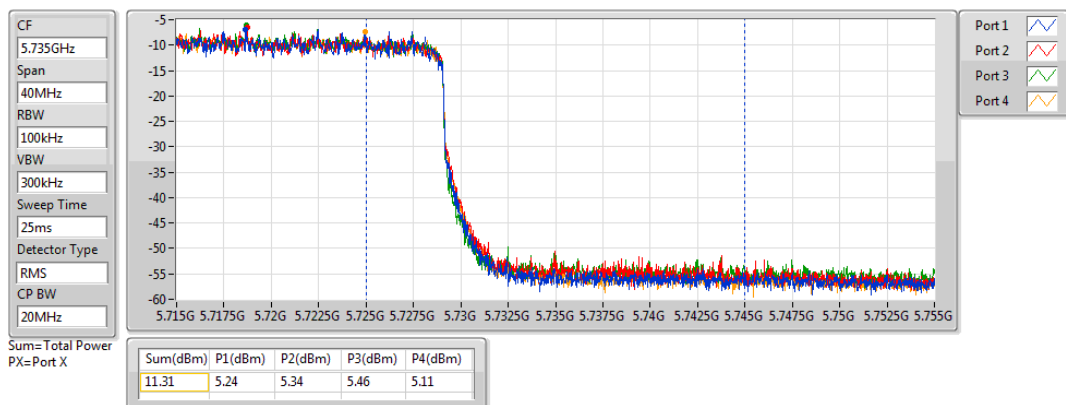


802.11ax HEW40_Nss4,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

05/11/2019

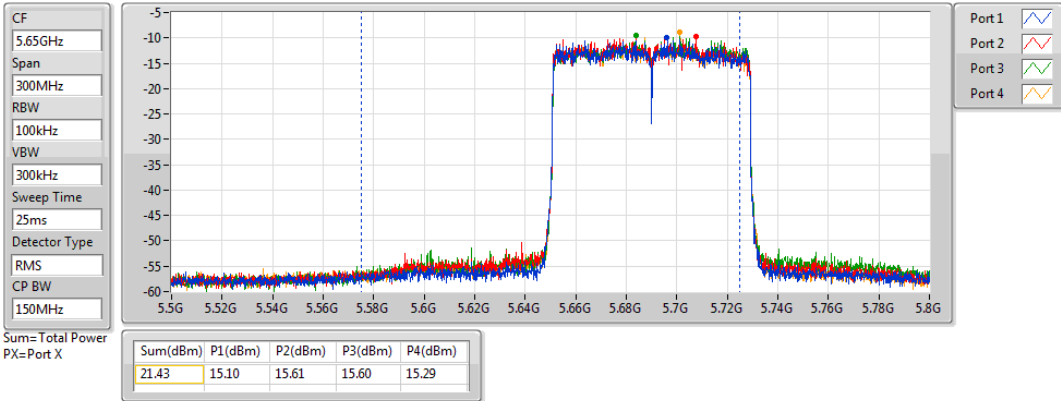


802.11ax HEW80_Nss4,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

05/11/2019

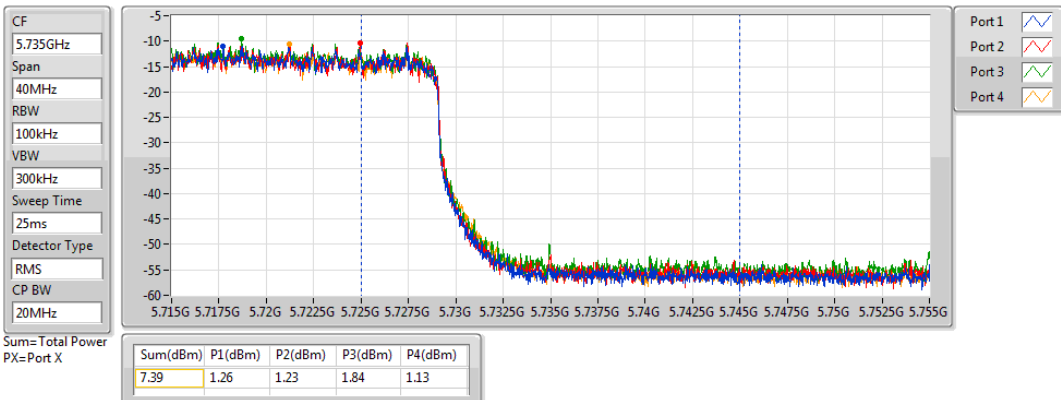


802.11ax HEW80_Nss4,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

05/11/2019

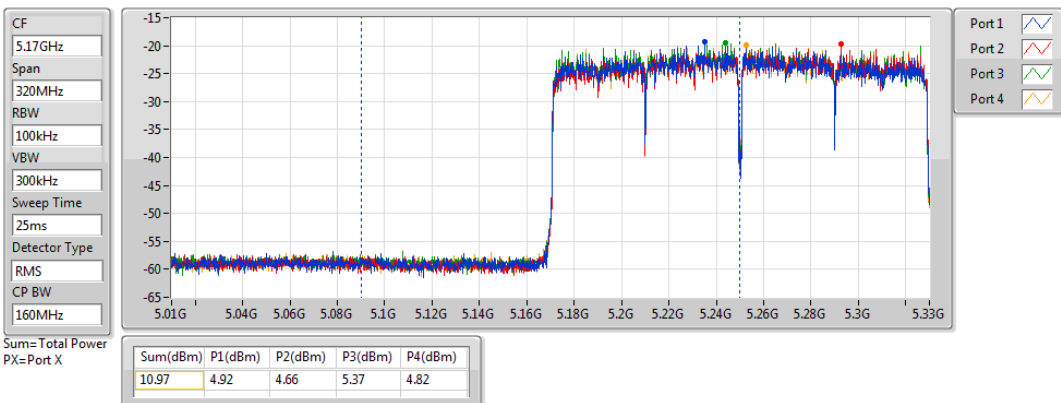


802.11ax HEW160_Nss4,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

04/12/2019



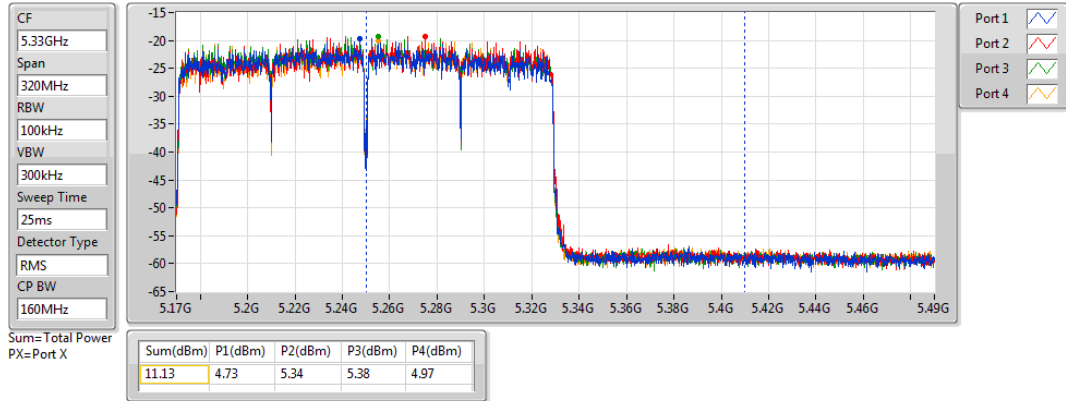


802.11ax HEW160_Nss4,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

04/12/2019





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)
5.15-5.25GHz	-	-	-	-
802.11ac VHT160_Nss1,(MCS0)_1TX	10.45	0.01109	21.15	0.13032
802.11ax HEW160_Nss1,(MCS0)_1TX	10.87	0.01222	21.57	0.14355
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	18.52	0.07112	29.22	0.83560
802.11ac VHT20_Nss1,(MCS0)_1TX	18.67	0.07362	29.37	0.86497
802.11ac VHT40_Nss1,(MCS0)_1TX	18.35	0.06839	29.05	0.80353
802.11ac VHT80_Nss1,(MCS0)_1TX	16.92	0.04920	27.62	0.57810
802.11ac VHT160_Nss1,(MCS0)_1TX	10.07	0.01016	20.77	0.11940
802.11ax HEW20_Nss1,(MCS0)_1TX	18.73	0.07464	29.43	0.87700
802.11ax HEW40_Nss1,(MCS0)_1TX	18.58	0.07211	29.28	0.84723
802.11ax HEW80_Nss1,(MCS0)_1TX	17.31	0.05383	28.01	0.63241
802.11ax HEW160_Nss1,(MCS0)_1TX	10.32	0.01076	21.02	0.12647
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	18.65	0.07328	29.35	0.86099
802.11ac VHT20_Nss1,(MCS0)_1TX	18.12	0.06486	28.82	0.76208
802.11ac VHT40_Nss1,(MCS0)_1TX	18.35	0.06839	29.05	0.80353
802.11ac VHT80_Nss1,(MCS0)_1TX	18.40	0.06918	29.10	0.81283
802.11ac VHT160_Nss1,(MCS0)_1TX	13.81	0.02404	24.51	0.28249
802.11ax HEW20_Nss1,(MCS0)_1TX	18.54	0.07145	29.24	0.83946
802.11ax HEW40_Nss1,(MCS0)_1TX	18.57	0.07194	29.27	0.84528
802.11ax HEW80_Nss1,(MCS0)_1TX	18.77	0.07534	29.47	0.88512
802.11ax HEW160_Nss1,(MCS0)_1TX	13.99	0.02506	24.69	0.29444
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	11.25	0.01334	21.95	0.15668
802.11ac VHT20_Nss1,(MCS0)_1TX	11.84	0.01528	22.54	0.17947
802.11ac VHT40_Nss1,(MCS0)_1TX	7.84	0.00608	18.54	0.07145
802.11ac VHT80_Nss1,(MCS0)_1TX	4.20	0.00263	14.90	0.03090
802.11ax HEW20_Nss1,(MCS0)_1TX	12.39	0.01734	23.09	0.20370
802.11ax HEW40_Nss1,(MCS0)_1TX	8.74	0.00748	19.44	0.08790
802.11ax HEW80_Nss1,(MCS0)_1TX	4.97	0.00314	15.67	0.03690



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	18.52	18.52	19.28	29.22	30.00
5300MHz	Pass	10.70	18.50	18.50	19.28	29.20	30.00
5320MHz	Pass	10.70	18.50	18.50	19.28	29.20	30.00
5500MHz	Pass	10.70	16.43	16.43	19.28	27.13	30.00
5580MHz	Pass	10.70	18.65	18.65	19.28	29.35	30.00
5700MHz	Pass	10.70	16.25	16.25	19.28	26.95	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	17.56	17.56	18.27	28.26	28.97
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	11.25	11.25	25.30	21.95	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	10.70	18.62	18.62	19.28	29.32	30.00
5300MHz	Pass	10.70	18.67	18.67	19.28	29.37	30.00
5320MHz	Pass	10.70	18.53	18.53	19.28	29.23	30.00
5500MHz	Pass	10.70	16.33	16.33	19.28	27.03	30.00
5580MHz	Pass	10.70	18.12	18.12	19.28	28.82	30.00
5700MHz	Pass	10.70	13.29	13.29	19.28	23.99	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	17.63	17.63	18.32	28.33	29.02
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	11.84	11.84	25.30	22.54	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	10.70	18.35	18.35	19.28	29.05	30.00
5310MHz	Pass	10.70	16.68	16.68	19.28	27.38	30.00
5510MHz	Pass	10.70	15.02	15.02	19.28	25.72	30.00
5550MHz	Pass	10.70	18.33	18.33	19.28	29.03	30.00
5670MHz	Pass	10.70	17.72	17.72	19.28	28.42	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	18.35	18.35	19.28	29.05	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	7.84	7.84	25.30	18.54	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	10.70	16.92	16.92	19.28	27.62	30.00
5530MHz	Pass	10.70	16.37	16.37	19.28	27.07	30.00
5610MHz	Pass	10.70	17.99	17.99	19.28	28.69	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	18.40	18.40	19.28	29.10	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	4.20	4.20	25.30	14.90	36.00
802.11ac VHT160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	10.70	10.45	10.45	25.30	21.15	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	10.70	10.07	10.07	19.28	20.77	30.00
5570MHz	Pass	10.70	13.81	13.81	19.28	24.51	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	10.70	18.66	18.66	19.28	29.36	30.00
5300MHz	Pass	10.70	18.73	18.73	19.28	29.43	30.00
5320MHz	Pass	10.70	18.72	18.72	19.28	29.42	30.00
5500MHz	Pass	10.70	16.85	16.85	19.28	27.55	30.00
5580MHz	Pass	10.70	18.54	18.54	19.28	29.24	30.00
5700MHz	Pass	10.70	13.62	13.62	19.28	24.32	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	17.68	17.68	18.31	28.38	29.01



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)
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	12.39	12.39	25.30	23.09	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	10.70	18.58	18.58	19.28	29.28	30.00
5310MHz	Pass	10.70	17.01	17.01	19.28	27.71	30.00
5510MHz	Pass	10.70	15.29	15.29	19.28	25.99	30.00
5550MHz	Pass	10.70	18.53	18.53	19.28	29.23	30.00
5670MHz	Pass	10.70	18.04	18.04	19.28	28.74	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	8.74	8.74	25.30	19.44	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	10.70	17.31	17.31	19.28	28.01	30.00
5530MHz	Pass	10.70	16.57	16.57	19.28	27.27	30.00
5610MHz	Pass	10.70	18.67	18.67	19.28	29.37	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	18.77	18.77	19.28	29.47	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	4.97	4.97	25.30	15.67	36.00
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	10.70	10.87	10.87	25.30	21.57	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	10.70	10.32	10.32	19.28	21.02	30.00
5570MHz	Pass	10.70	13.99	13.99	19.28	24.69	30.00

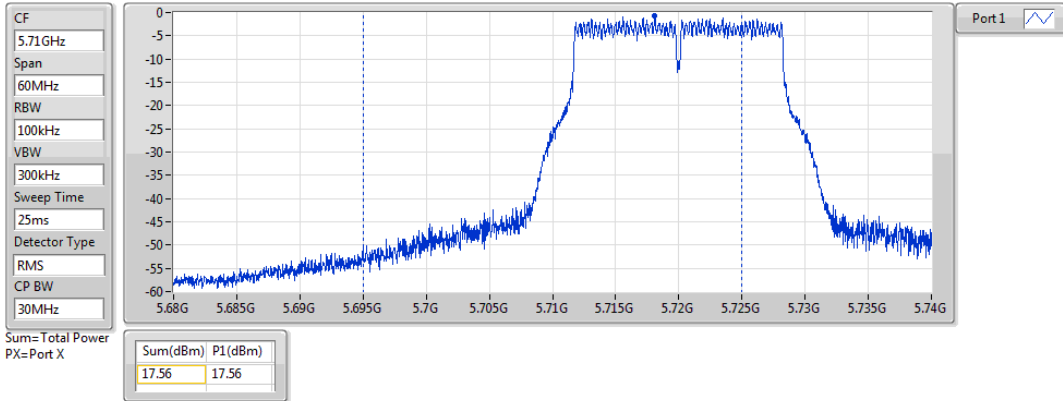
DG = Directional Gain; Port X = Port X output power

802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

29/11/2019

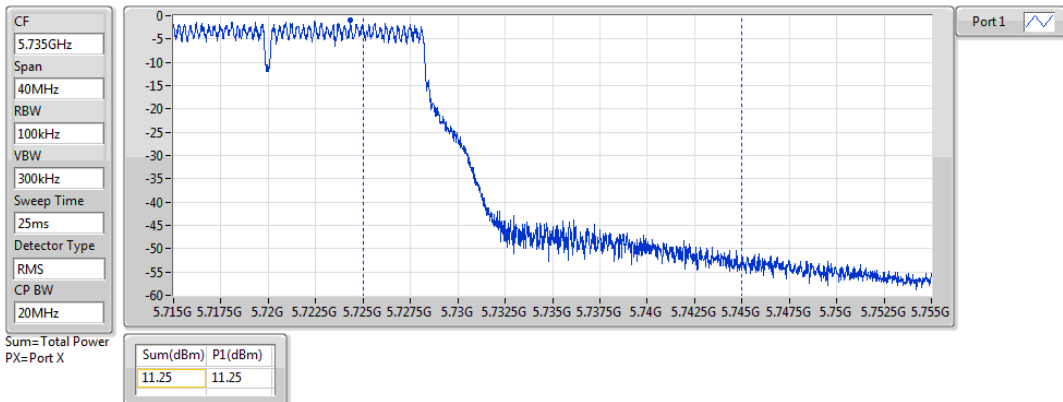


802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

29/11/2019

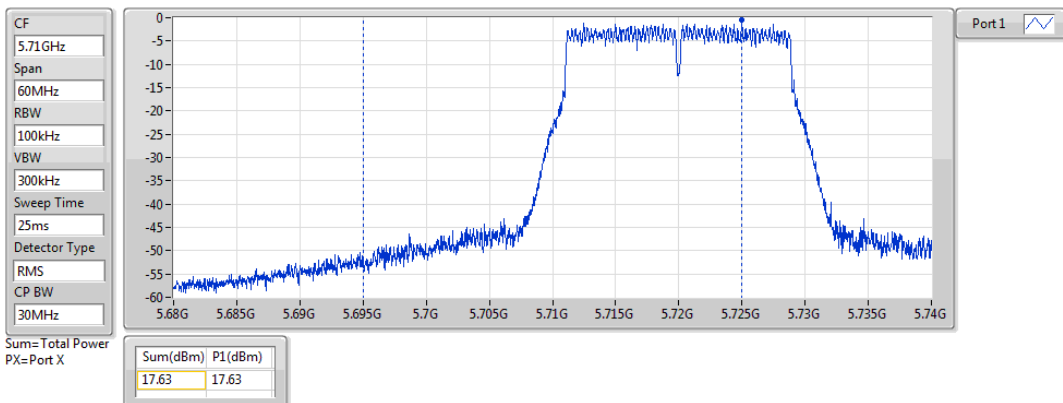


802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

29/11/2019

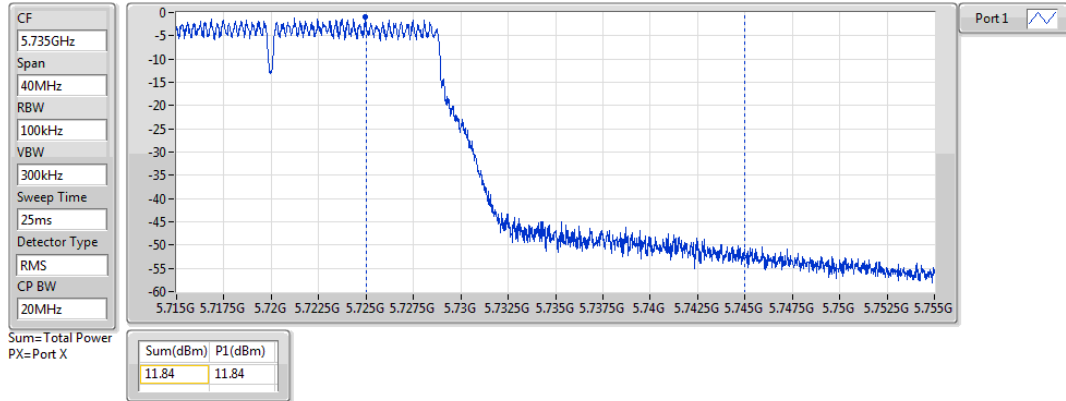


802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

29/11/2019

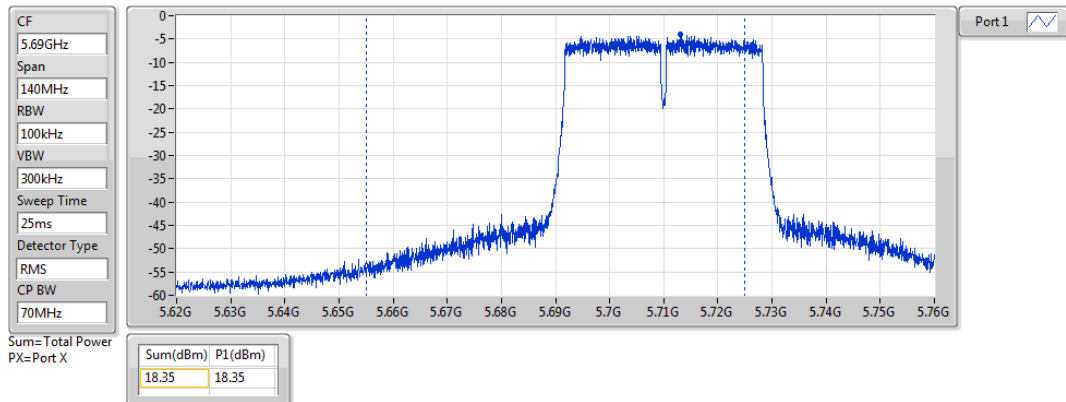


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

29/11/2019

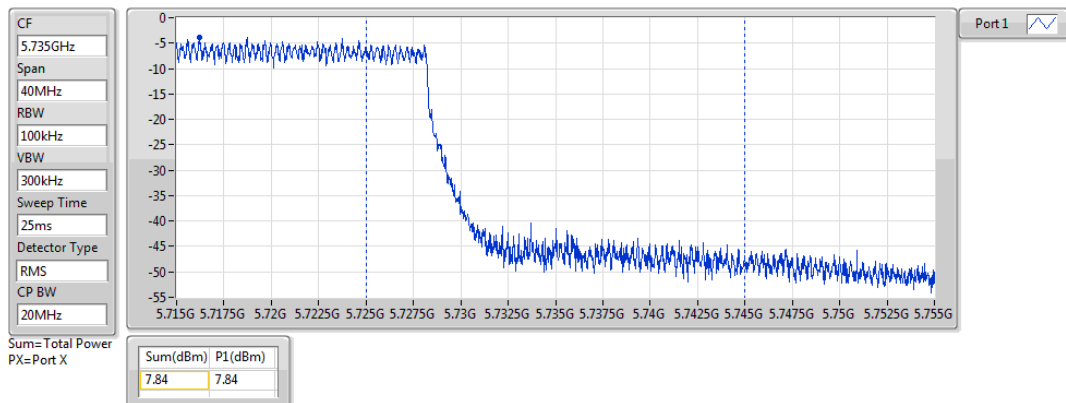


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

29/11/2019

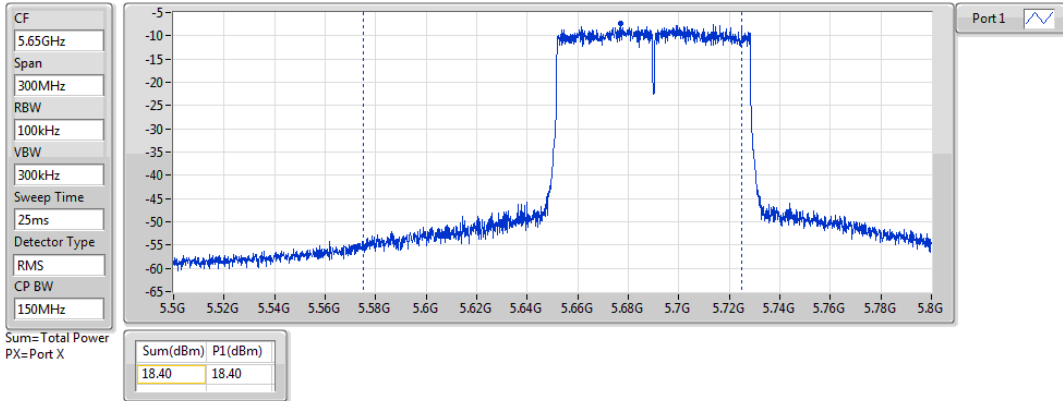


802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz

29/11/2019

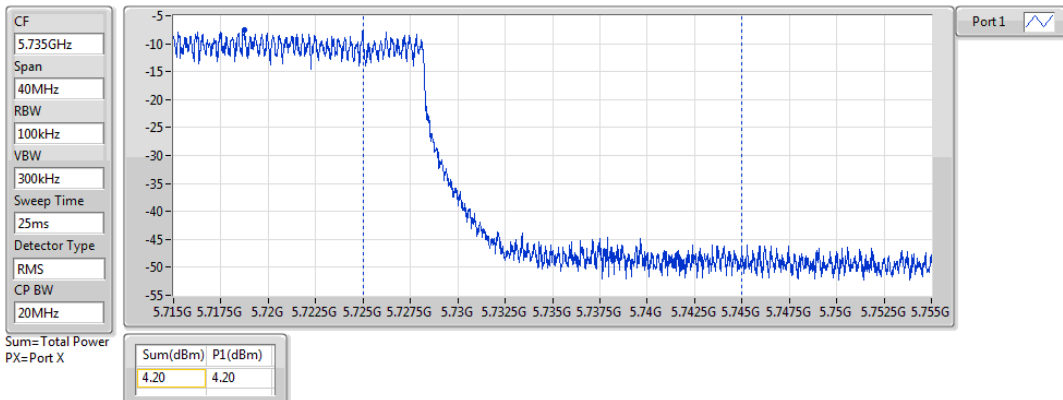


802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

29/11/2019

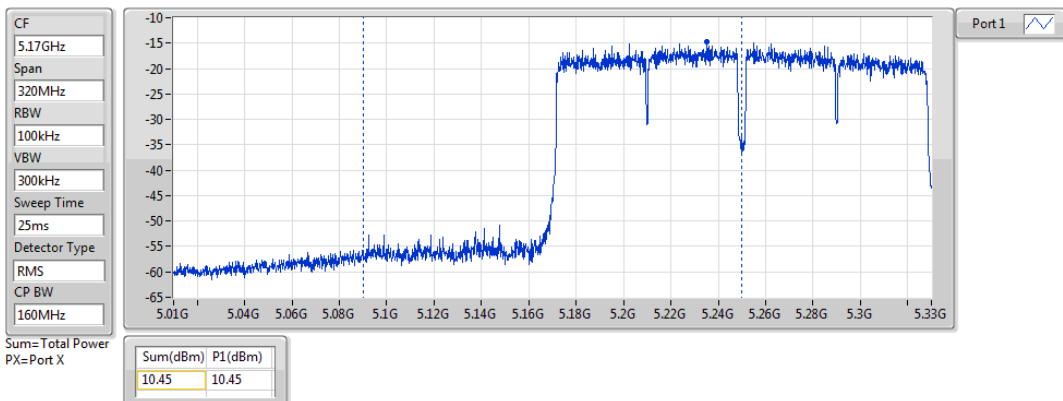


802.11ac VHT160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.15-5.25GHz

04/12/2019

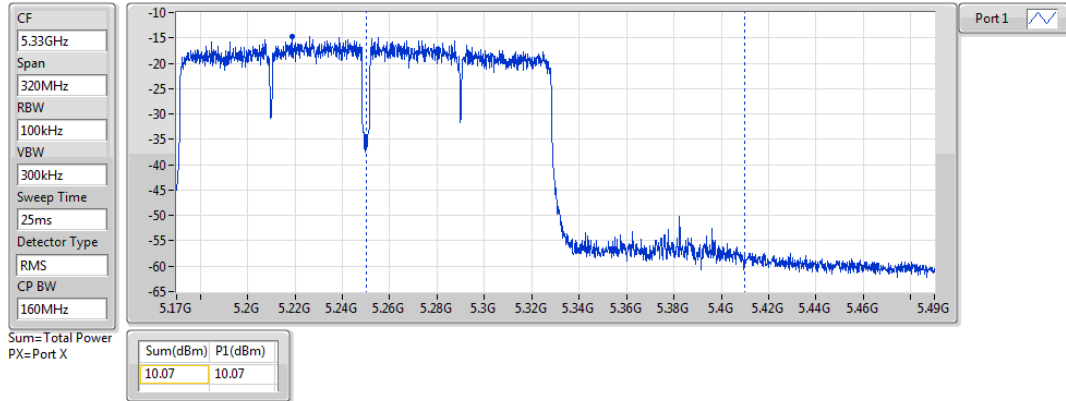


802.11ac VHT160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.25-5.35GHz

04/12/2019

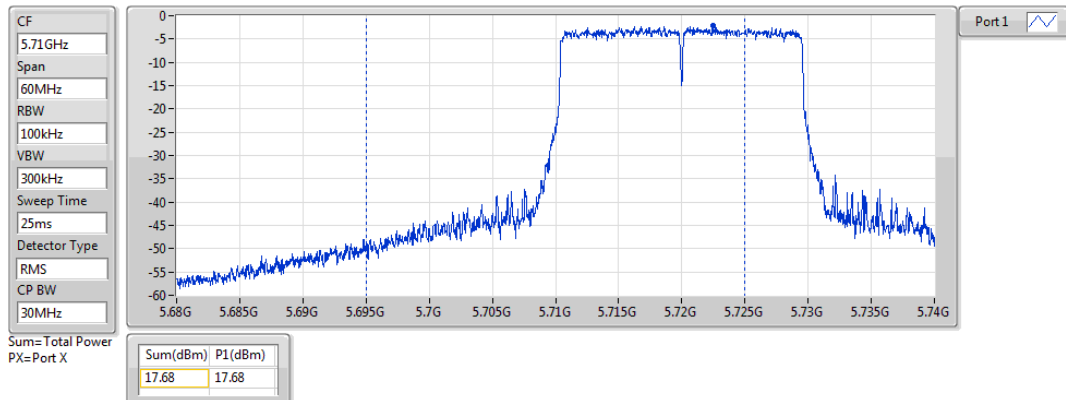


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

29/11/2019



802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

29/11/2019

