

**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	7.79	18.19	18.19	21.20	22.19	28.99	30.00
5300MHz	Pass	7.79	17.91	18.06	21.00	22.19	28.79	30.00
5320MHz	Pass	7.79	18.08	18.00	21.05	22.19	28.84	30.00
5500MHz	Pass	7.79	17.73	18.07	20.91	22.19	28.70	30.00
5580MHz	Pass	7.79	17.45	18.16	20.83	22.19	28.62	30.00
5700MHz	Pass	7.79	16.57	17.53	20.09	22.19	27.88	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	7.79	16.53	17.36	19.98	21.23	27.77	29.02
5720MHz Straddle 5.725-5.85GHz	Pass	7.79	10.73	11.70	14.25	28.21	22.04	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	7.79	18.21	17.78	21.01	22.19	28.80	30.00
5310MHz	Pass	7.79	17.07	17.22	20.16	22.19	27.95	30.00
5510MHz	Pass	7.79	15.64	16.20	18.94	22.19	26.73	30.00
5550MHz	Pass	7.79	18.12	18.01	21.08	22.19	28.87	30.00
5670MHz	Pass	7.79	17.90	18.46	21.20	22.19	28.99	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	7.79	18.03	18.46	21.26	22.19	29.05	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	7.79	7.54	8.10	10.84	28.21	18.63	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	7.79	16.45	17.06	19.78	22.19	27.57	30.00
5530MHz	Pass	7.79	15.78	16.61	19.23	22.19	27.02	30.00
5610MHz	Pass	7.79	17.83	18.11	20.98	22.19	28.77	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	7.79	17.72	18.41	21.09	22.19	28.88	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	7.79	3.28	4.07	6.70	28.21	14.49	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	7.79	18.33	18.16	21.26	22.19	29.05	30.00
5300MHz	Pass	7.79	18.39	18.30	21.36	22.19	29.15	30.00
5320MHz	Pass	7.79	18.32	18.20	21.27	22.19	29.06	30.00
5500MHz	Pass	7.79	17.83	18.34	21.10	22.19	28.89	30.00
5580MHz	Pass	7.79	18.04	18.50	21.29	22.19	29.08	30.00
5700MHz	Pass	7.79	16.78	17.38	20.10	22.19	27.89	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	7.79	16.95	17.69	20.35	21.20	28.14	28.99
5720MHz Straddle 5.725-5.85GHz	Pass	7.79	11.77	12.11	14.95	28.21	22.74	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	7.79	18.10	18.55	21.34	22.19	29.13	30.00
5310MHz	Pass	7.79	17.23	17.13	20.19	22.19	27.98	30.00
5510MHz	Pass	7.79	15.99	16.29	19.15	22.19	26.94	30.00
5550MHz	Pass	7.79	17.98	18.20	21.10	22.19	28.89	30.00
5670MHz	Pass	7.79	18.18	18.47	21.34	22.19	29.13	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	7.79	18.09	18.50	21.31	22.19	29.10	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	7.79	8.12	8.79	11.48	28.21	19.27	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	7.79	17.47	17.25	20.37	22.19	28.16	30.00
5530MHz	Pass	7.79	16.22	16.27	19.26	22.19	27.05	30.00
5610MHz	Pass	7.79	17.86	18.35	21.12	22.19	28.91	30.00



Average Power_Beamforming_Sample 1_Radio 2_2T1S

Appendix B.14

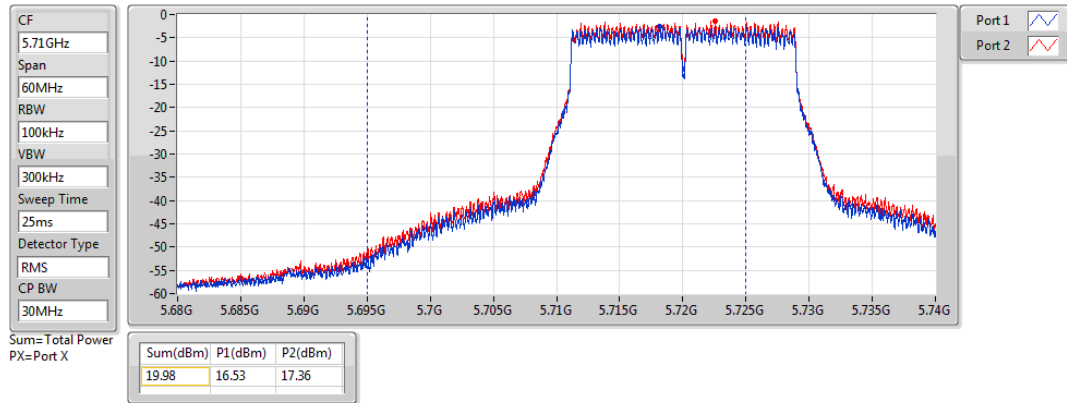
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5690MHz Straddle 5.47-5.725GHz	Pass	7.79	17.93	18.63	21.30	22.19	29.09	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	7.79	4.32	5.25	7.82	28.21	15.61	36.00

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

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

AV Power

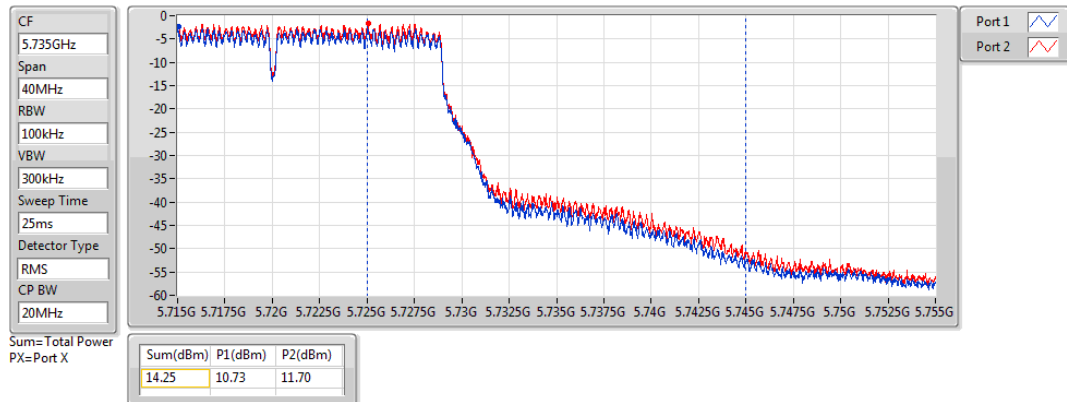
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

AV Power

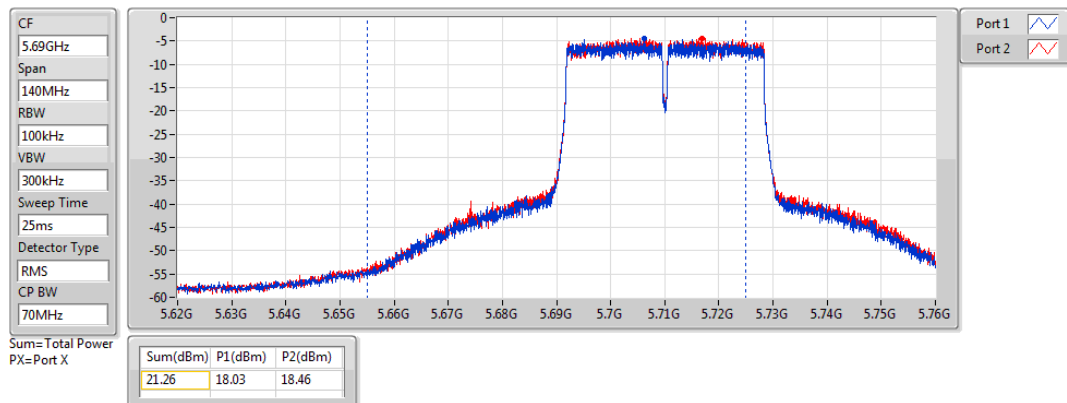
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

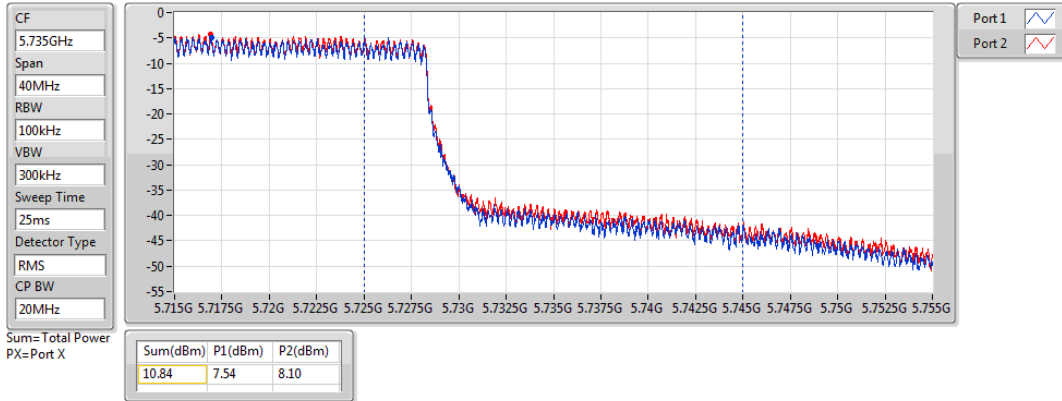


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

21/01/2020

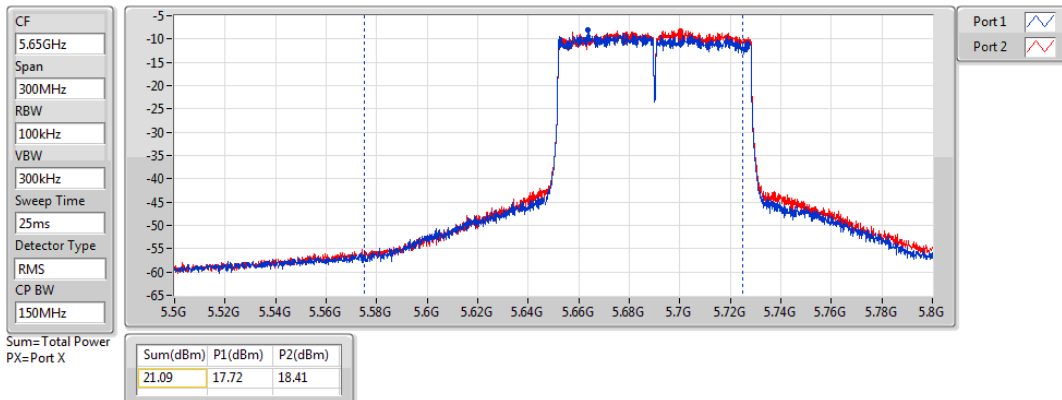


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

21/01/2020

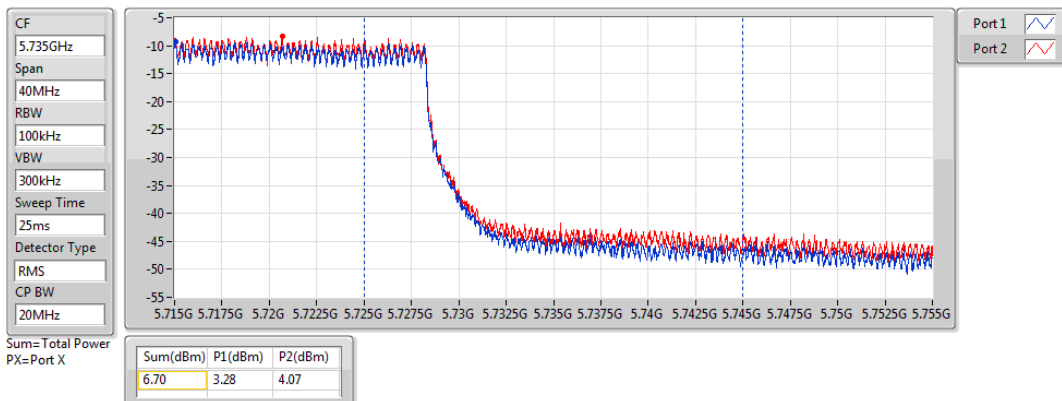


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

21/01/2020

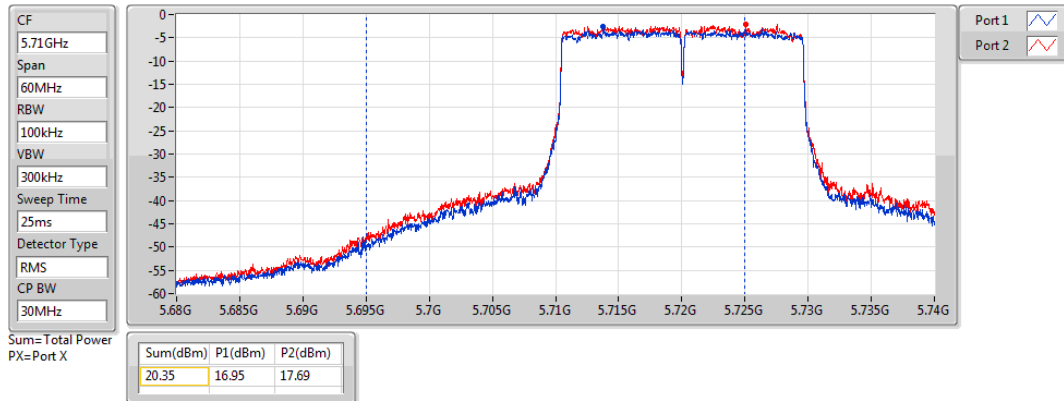


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

21/01/2020

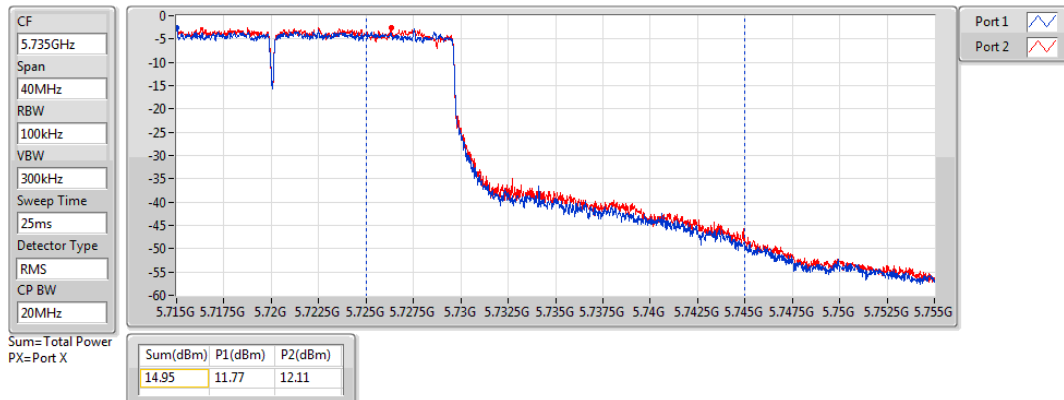


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

21/01/2020

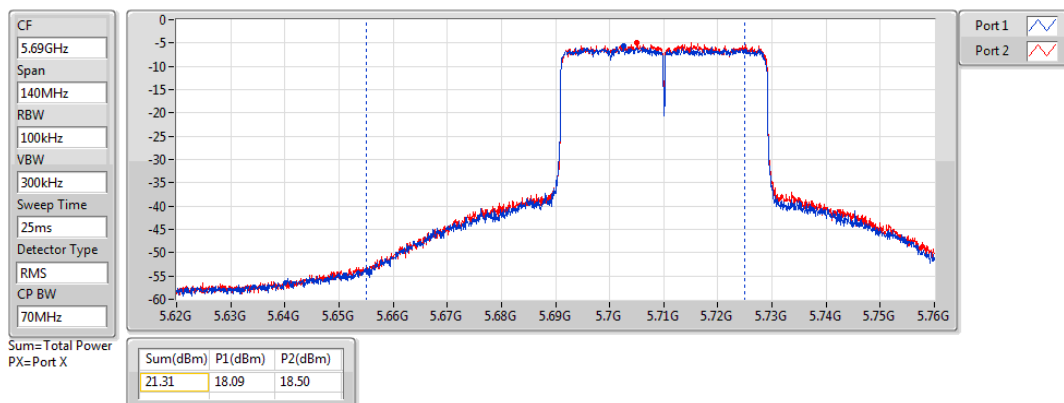


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

21/01/2020

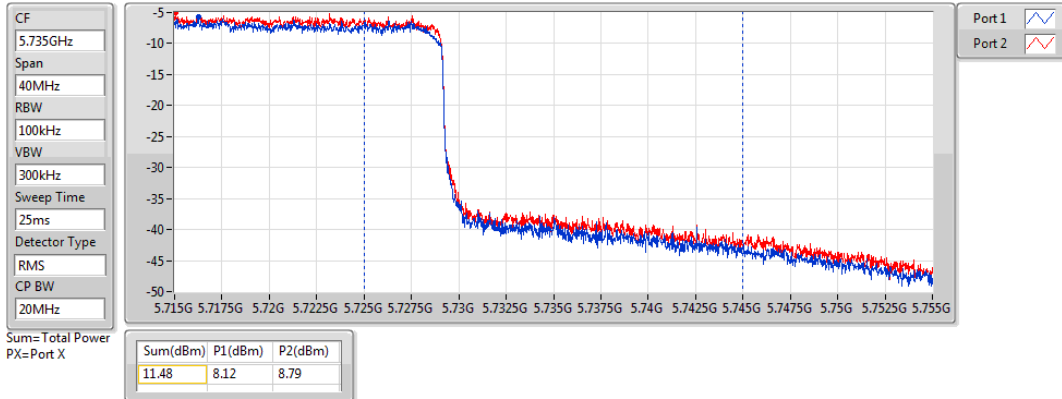


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

21/01/2020

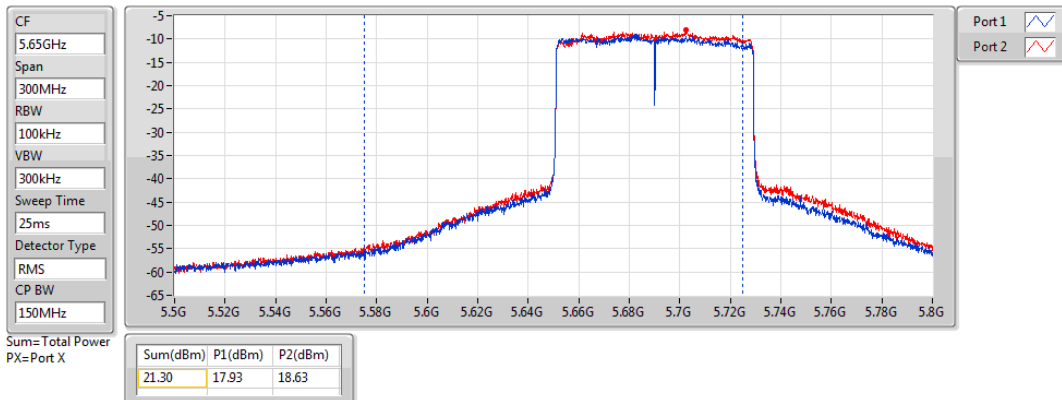


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

21/01/2020

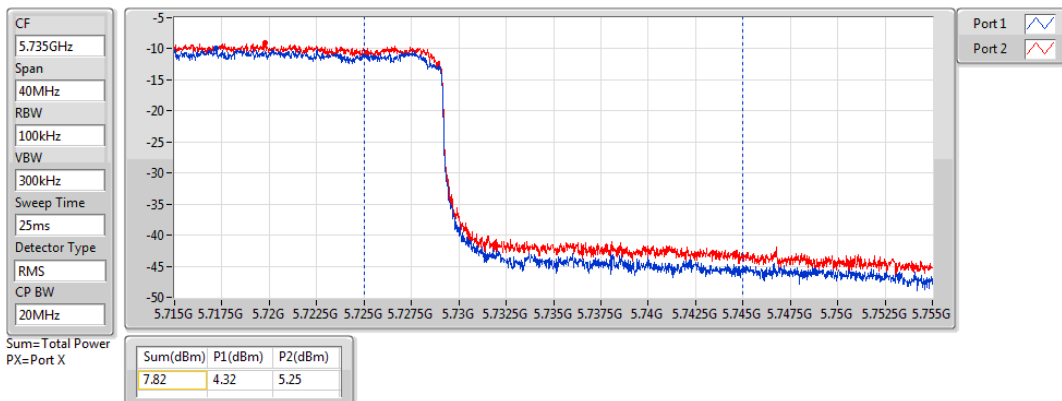


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

21/01/2020





Average Power_Beamforming_Sample 2_Radio 1_Omni_2T1S

Appendix B.15

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	18.43	0.06966	29.44	0.87902
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	18.25	0.06683	29.26	0.84333
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	18.13	0.06501	29.14	0.82035
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	18.45	0.06998	29.46	0.88308
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	18.43	0.06966	29.44	0.87902
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	18.36	0.06855	29.37	0.86497
5.47-5.725GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	18.39	0.06902	29.40	0.87096
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	18.41	0.06934	29.42	0.87498
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	18.23	0.06653	29.24	0.83946
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	18.44	0.06982	29.45	0.88105
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	18.47	0.07031	29.48	0.88716
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	18.35	0.06839	29.36	0.86298
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	11.65	0.01462	22.66	0.18450
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	5.46	0.00352	16.47	0.04436
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	2.76	0.00189	13.77	0.02382
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	11.72	0.01486	22.73	0.18750
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	7.96	0.00625	18.97	0.07889
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	4.06	0.00255	15.07	0.03214



Average Power_Beamforming_Sample 2_Radio 1_Omni_2T1S

Appendix B.15

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	11.01	15.23	15.25	18.25	18.97	29.26	30.00
5300MHz	Pass	11.01	15.27	15.56	18.43	18.97	29.44	30.00
5320MHz	Pass	11.01	15.20	15.31	18.27	18.97	29.28	30.00
5500MHz	Pass	11.01	15.81	14.91	18.39	18.97	29.40	30.00
5580MHz	Pass	11.01	15.46	14.57	18.05	18.97	29.06	30.00
5700MHz	Pass	11.01	14.93	15.38	18.17	18.97	29.18	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	11.01	13.92	14.27	17.11	17.96	28.12	28.97
5720MHz Straddle 5.725-5.85GHz	Pass	11.01	9.02	8.23	11.65	24.99	22.66	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	11.01	15.31	15.09	18.21	18.97	29.22	30.00
5310MHz	Pass	11.01	15.05	15.42	18.25	18.97	29.26	30.00
5510MHz	Pass	11.01	14.71	14.52	17.63	18.97	28.64	30.00
5550MHz	Pass	11.01	15.25	15.11	18.19	18.97	29.20	30.00
5670MHz	Pass	11.01	14.99	15.04	18.03	18.97	29.04	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	11.01	15.46	15.33	18.41	18.97	29.42	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	11.01	2.39	2.51	5.46	24.99	16.47	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	11.01	14.85	15.37	18.13	18.97	29.14	30.00
5530MHz	Pass	11.01	13.95	15.77	17.96	18.97	28.97	30.00
5610MHz	Pass	11.01	14.88	15.53	18.23	18.97	29.24	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	11.01	14.42	14.08	17.26	18.97	28.27	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	11.01	-2.25	1.11	2.76	24.99	13.77	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	11.01	15.15	15.56	18.37	18.97	29.38	30.00
5300MHz	Pass	11.01	15.08	15.77	18.45	18.97	29.46	30.00
5320MHz	Pass	11.01	15.44	15.39	18.43	18.97	29.44	30.00
5500MHz	Pass	11.01	15.52	15.34	18.44	18.97	29.45	30.00
5580MHz	Pass	11.01	15.36	15.25	18.32	18.97	29.33	30.00
5700MHz	Pass	11.01	15.14	15.53	18.35	18.97	29.36	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	11.01	14.06	14.51	17.30	17.95	28.31	28.96
5720MHz Straddle 5.725-5.85GHz	Pass	11.01	8.94	8.46	11.72	24.99	22.73	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	11.01	15.29	15.54	18.43	18.97	29.44	30.00
5310MHz	Pass	11.01	15.82	14.86	18.38	18.97	29.39	30.00
5510MHz	Pass	11.01	14.93	14.47	17.72	18.97	28.73	30.00
5550MHz	Pass	11.01	15.39	15.13	18.27	18.97	29.28	30.00
5670MHz	Pass	11.01	15.25	15.31	18.29	18.97	29.30	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	11.01	15.53	15.38	18.47	18.97	29.48	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	11.01	5.07	4.83	7.96	24.99	18.97	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	11.01	15.39	15.30	18.36	18.97	29.37	30.00
5530MHz	Pass	11.01	15.24	15.23	18.25	18.97	29.26	30.00
5610MHz	Pass	11.01	15.06	15.61	18.35	18.97	29.36	30.00



**Average Power_Beamforming_Sample 2_Radio
1_Omni_2T1S**

Appendix B.15

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	11.01	14.03	14.67	17.37	18.97	28.38	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	11.01	1.05	1.05	4.06	24.99	15.07	36.00

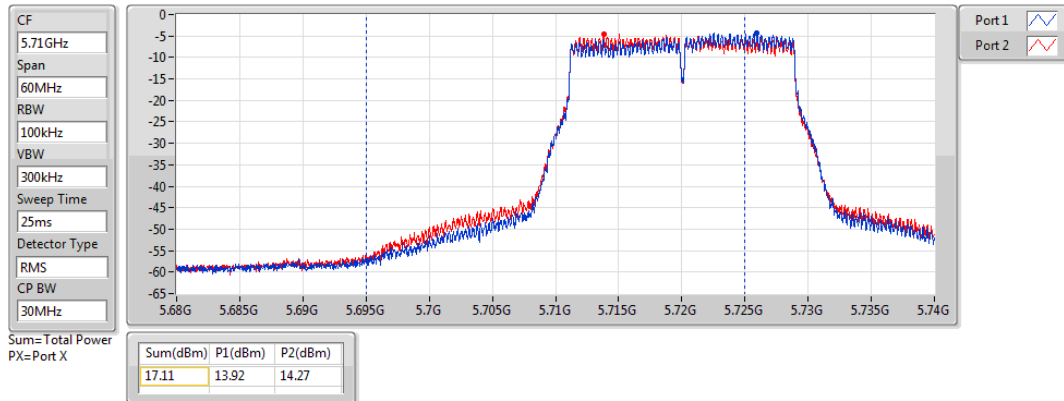
DG = Directional Gain; **Port X** = Port X output power

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

23/01/2020

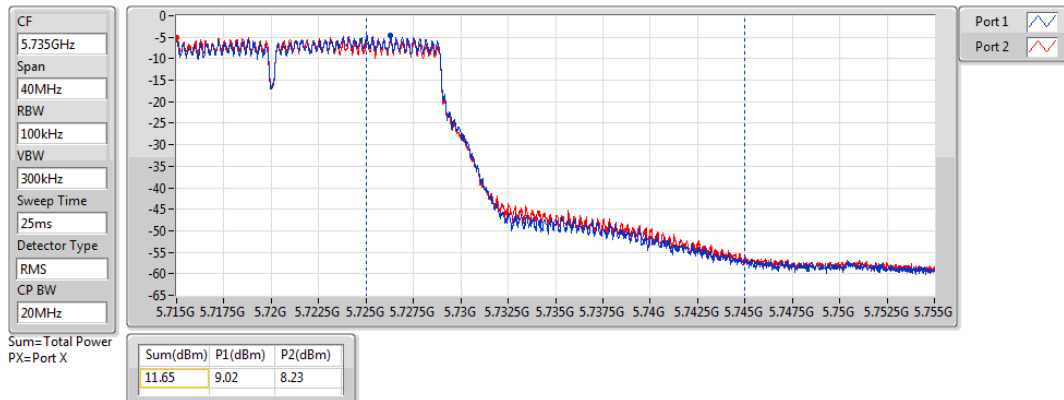


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

23/01/2020

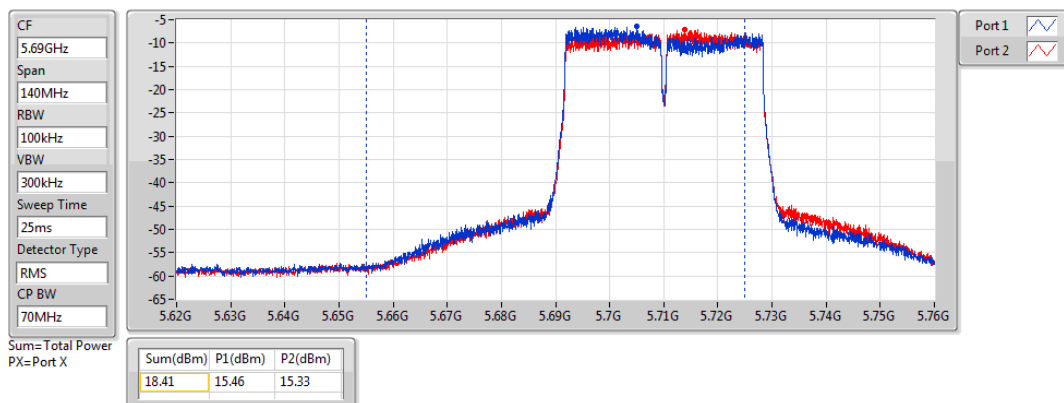


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

23/01/2020

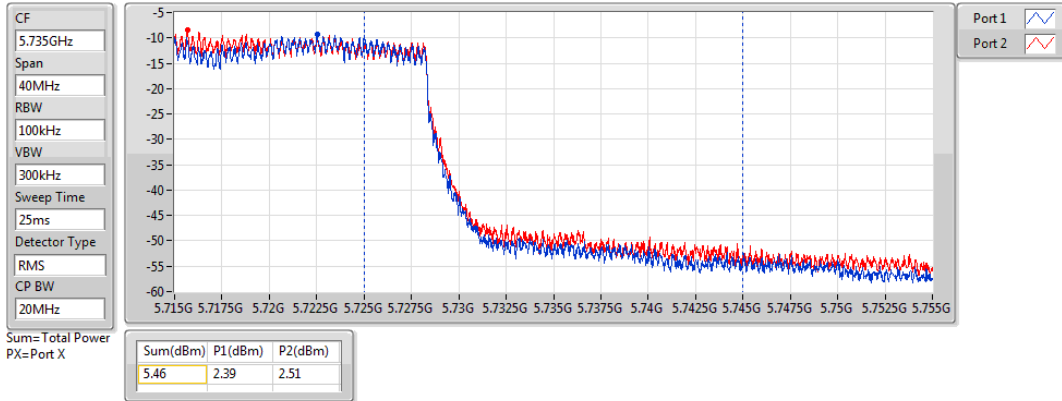


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

23/01/2020

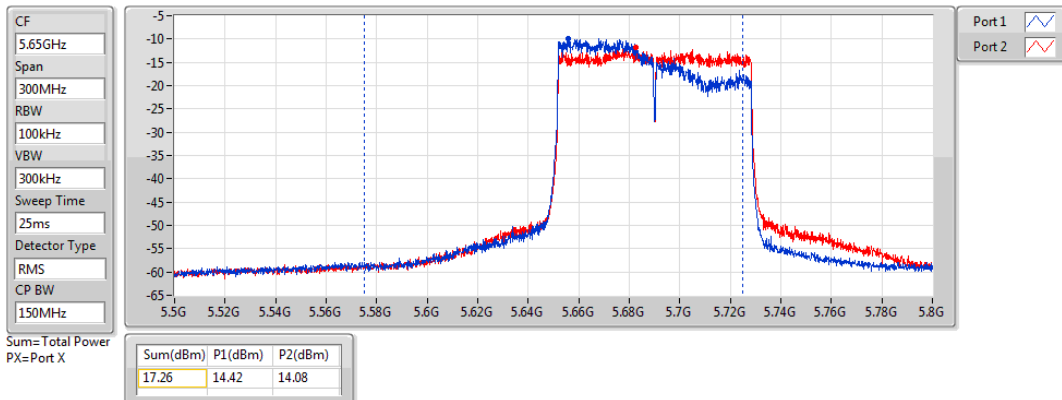


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

23/01/2020

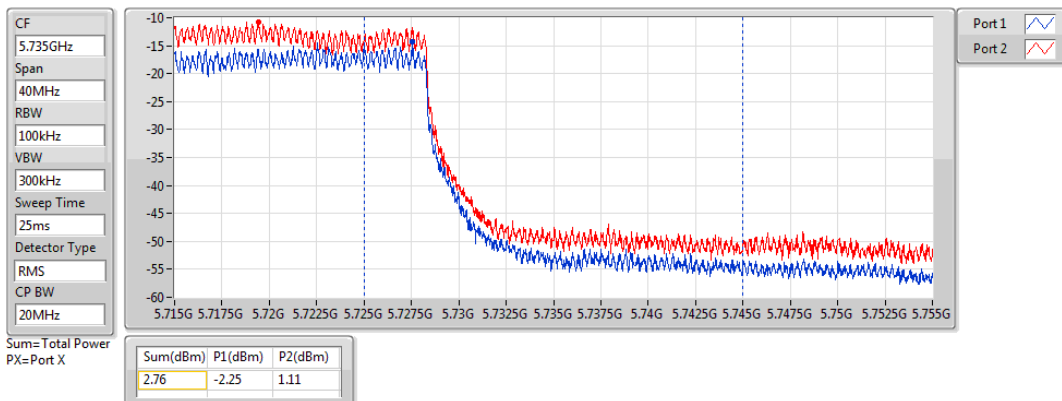


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

23/01/2020

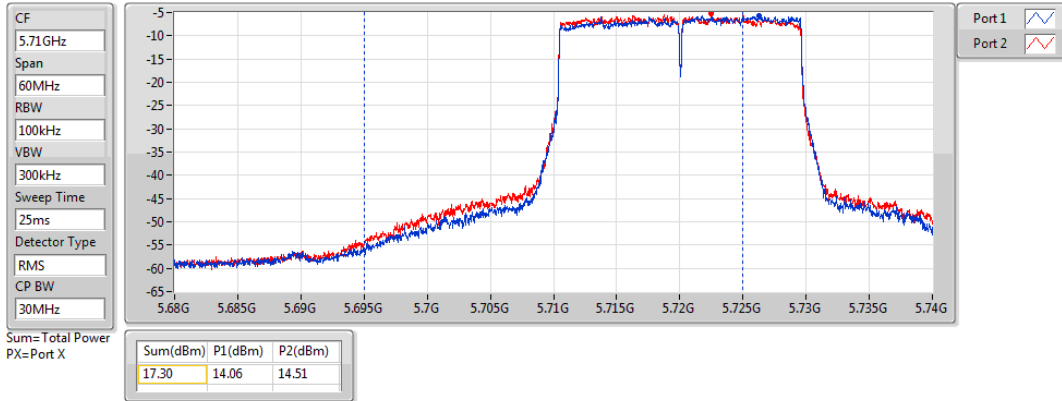


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

23/01/2020

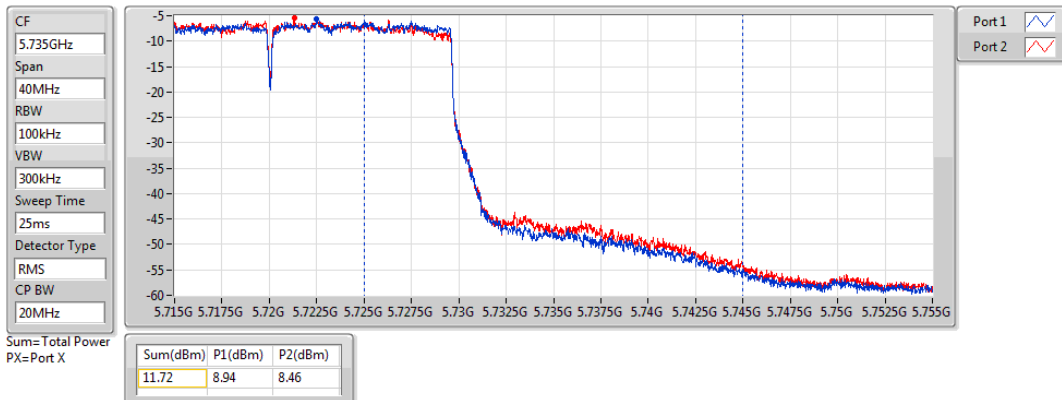


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

23/01/2020

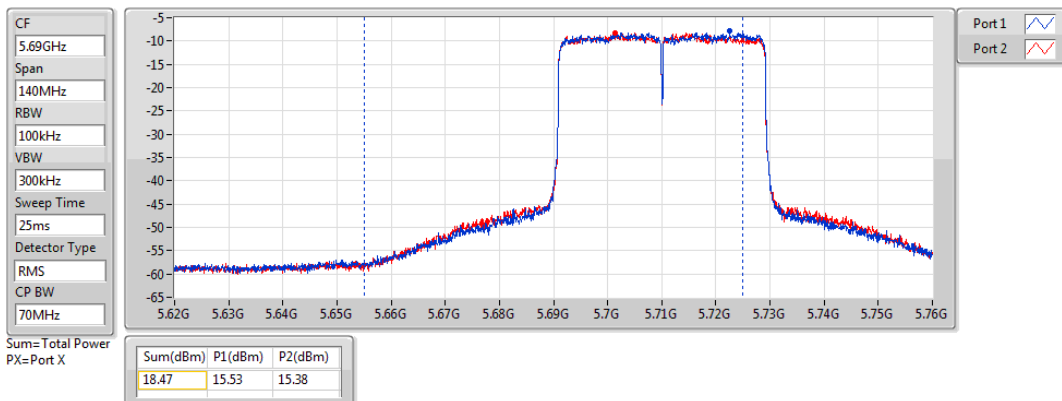


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

23/01/2020

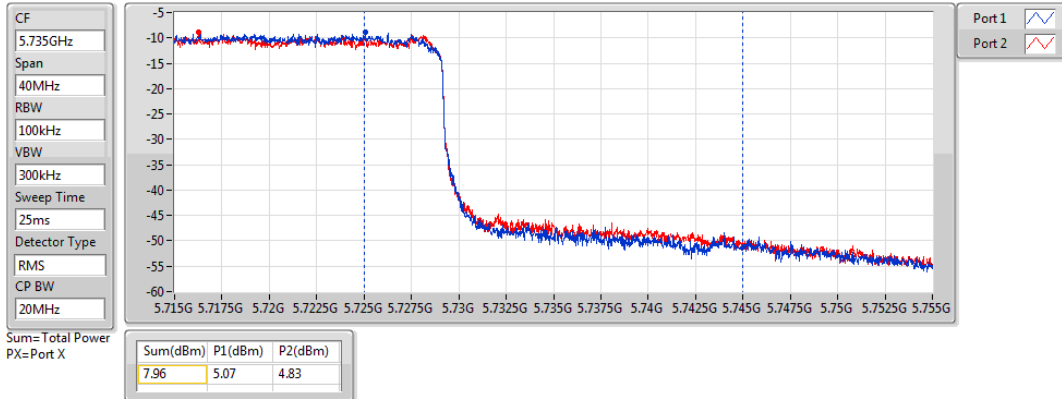


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

23/01/2020

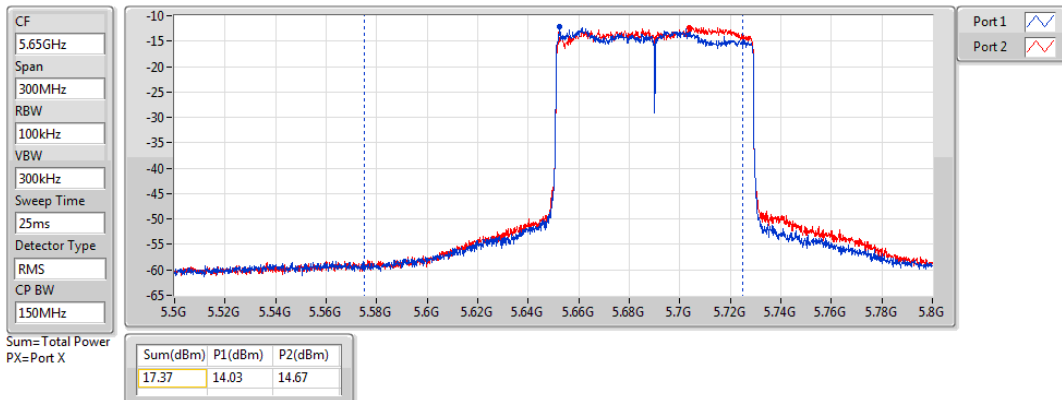


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

23/01/2020

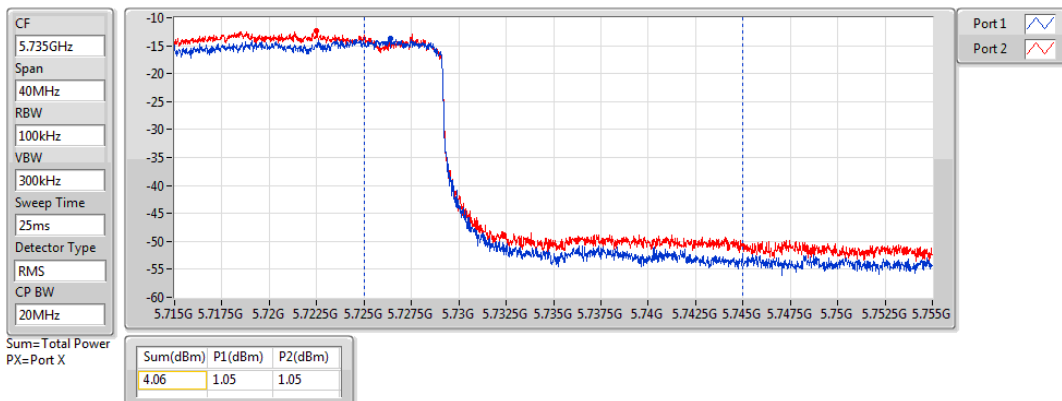


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

23/01/2020



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	15.49	0.03540	29.20	0.83176
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	15.35	0.03428	29.06	0.80538
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	15.39	0.03459	29.10	0.81283
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	15.60	0.03631	29.31	0.85310
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	15.77	0.03776	29.48	0.88716
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	15.60	0.03631	29.31	0.85310
5.47-5.725GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	15.53	0.03573	29.24	0.83946
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	15.59	0.03622	29.30	0.85114
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	15.58	0.03614	29.29	0.84918
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	15.64	0.03664	29.35	0.86099
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	15.74	0.03750	29.45	0.88105
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	15.65	0.03673	29.36	0.86298
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	7.82	0.00605	21.53	0.14223
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	4.90	0.00309	18.61	0.07261
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	0.98	0.00125	14.69	0.02944
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	9.16	0.00824	22.87	0.19364
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	6.08	0.00406	19.79	0.09528
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	2.17	0.00165	15.88	0.03873



Average Power_Beamforming_Sample 2_Radio 1_Panel 1_2T1S

Appendix B.16

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	13.71	12.37	12.58	15.49	16.27	29.20	30.00
5300MHz	Pass	13.71	11.88	12.45	15.18	16.27	28.89	30.00
5320MHz	Pass	13.71	12.23	12.54	15.40	16.27	29.11	30.00
5500MHz	Pass	13.71	12.63	12.40	15.53	16.27	29.24	30.00
5580MHz	Pass	13.71	12.23	12.07	15.16	16.27	28.87	30.00
5700MHz	Pass	13.71	11.94	12.20	15.08	16.27	28.79	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	13.71	10.39	10.30	13.36	15.25	27.07	28.96
5720MHz Straddle 5.725-5.85GHz	Pass	13.71	4.76	4.85	7.82	22.29	21.53	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	13.71	11.38	12.18	14.81	16.27	28.52	30.00
5310MHz	Pass	13.71	12.03	12.62	15.35	16.27	29.06	30.00
5510MHz	Pass	13.71	12.32	12.34	15.34	16.27	29.05	30.00
5550MHz	Pass	13.71	12.69	12.47	15.59	16.27	29.30	30.00
5670MHz	Pass	13.71	11.98	12.18	15.09	16.27	28.80	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	13.71	12.12	12.21	15.18	16.27	28.89	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	13.71	1.78	2.00	4.90	22.29	18.61	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	13.71	12.31	12.44	15.39	16.27	29.10	30.00
5530MHz	Pass	13.71	11.67	12.02	14.86	16.27	28.57	30.00
5610MHz	Pass	13.71	12.31	12.81	15.58	16.27	29.29	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	13.71	11.85	10.66	14.31	16.27	28.02	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	13.71	-2.69	-1.46	0.98	22.29	14.69	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	13.71	12.54	12.64	15.60	16.27	29.31	30.00
5300MHz	Pass	13.71	12.43	12.66	15.56	16.27	29.27	30.00
5320MHz	Pass	13.71	12.51	12.48	15.51	16.27	29.22	30.00
5500MHz	Pass	13.71	12.83	12.43	15.64	16.27	29.35	30.00
5580MHz	Pass	13.71	12.52	12.41	15.48	16.27	29.19	30.00
5700MHz	Pass	13.71	12.30	12.64	15.48	16.27	29.19	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	13.71	11.40	11.35	14.39	15.25	28.10	28.96
5720MHz Straddle 5.725-5.85GHz	Pass	13.71	6.00	6.29	9.16	22.29	22.87	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	13.71	12.66	12.78	15.73	16.27	29.44	30.00
5310MHz	Pass	13.71	12.92	12.60	15.77	16.27	29.48	30.00
5510MHz	Pass	13.71	12.80	12.52	15.67	16.27	29.38	30.00
5550MHz	Pass	13.71	12.70	12.75	15.74	16.27	29.45	30.00
5670MHz	Pass	13.71	12.68	12.37	15.54	16.27	29.25	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	13.71	12.70	12.72	15.72	16.27	29.43	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	13.71	2.91	3.23	6.08	22.29	19.79	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	13.71	12.38	12.79	15.60	16.27	29.31	30.00
5530MHz	Pass	13.71	12.61	12.36	15.50	16.27	29.21	30.00
5610MHz	Pass	13.71	12.50	12.77	15.65	16.27	29.36	30.00



**Average Power_Beamforming_Sample 2_Radio 1_Panel
1_2T1S**

Appendix B.16

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	13.71	12.34	12.70	15.53	16.27	29.24	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	13.71	-1.41	-0.33	2.17	22.29	15.88	36.00

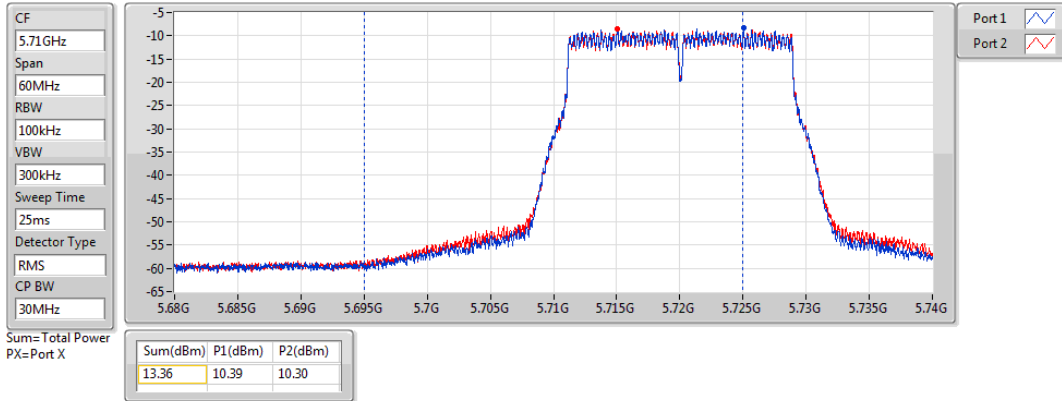
DG = Directional Gain; **Port X** = Port X output power

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

23/01/2020

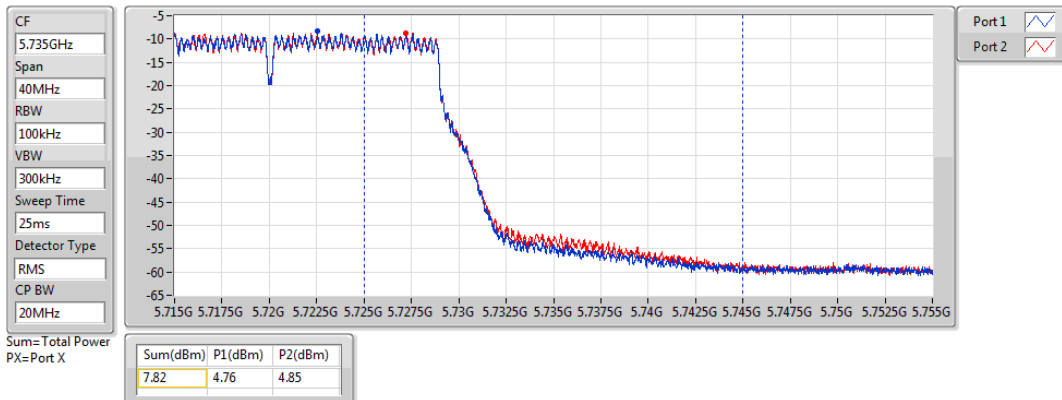


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

23/01/2020

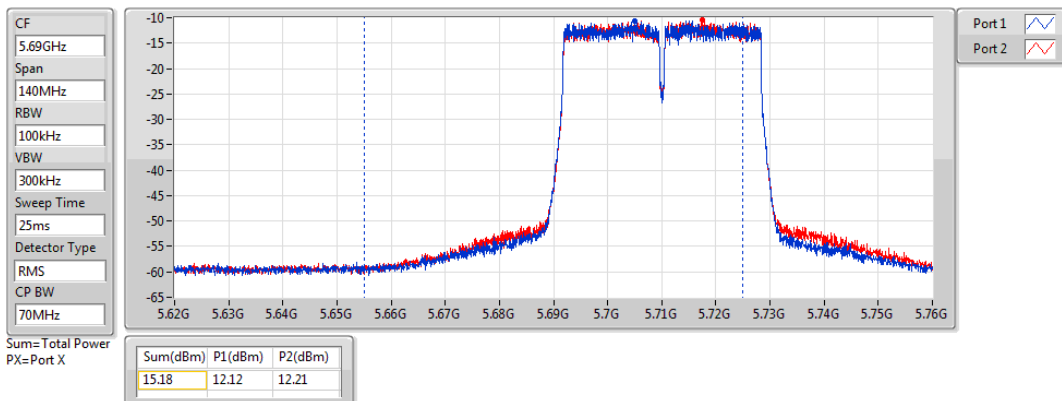


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

23/01/2020

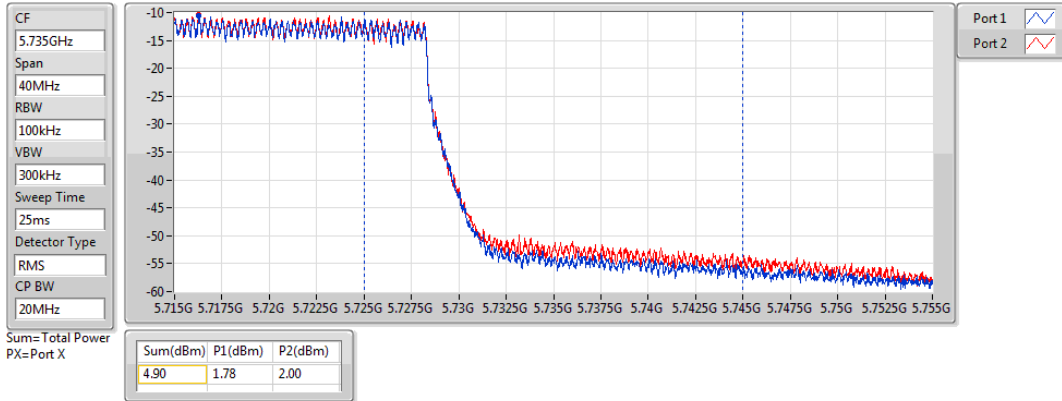


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

23/01/2020

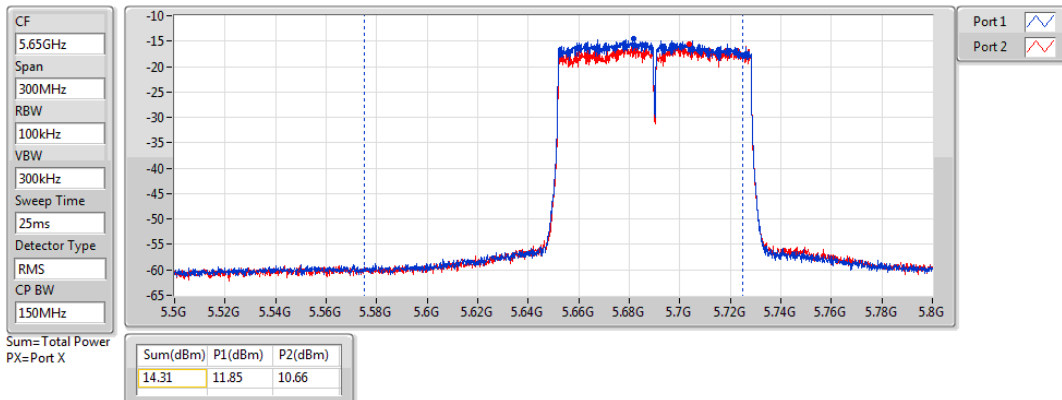


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

23/01/2020

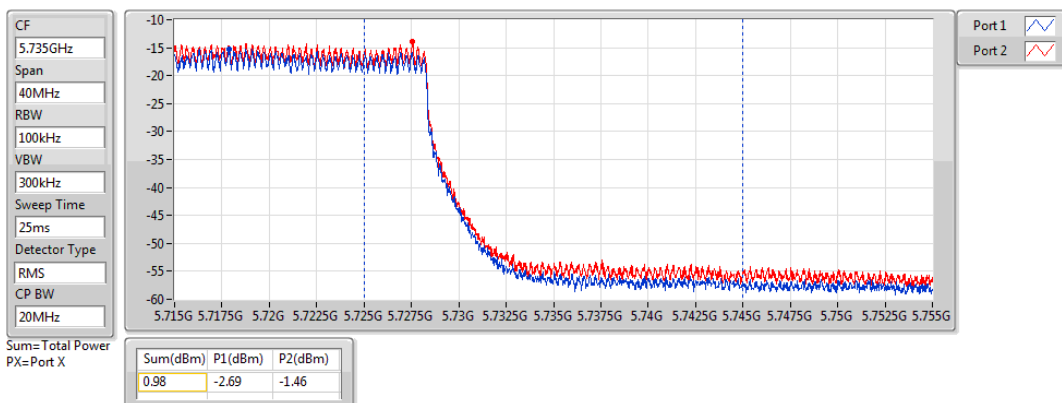


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

23/01/2020

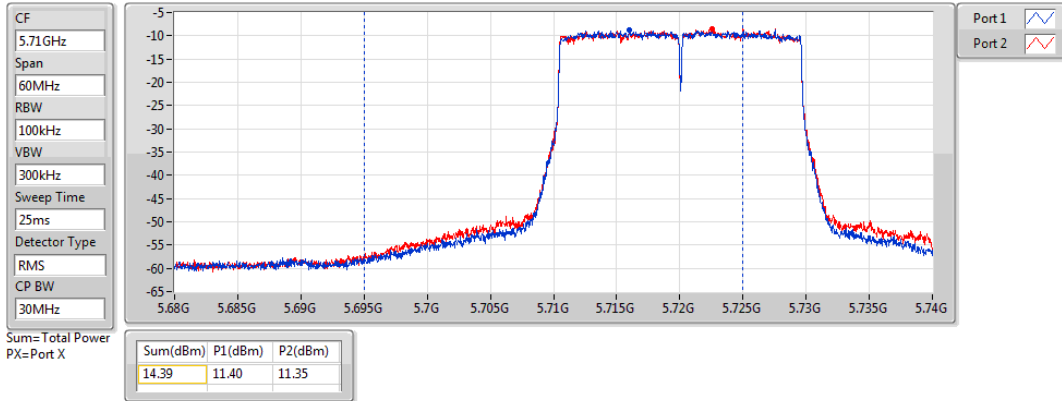


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

23/01/2020

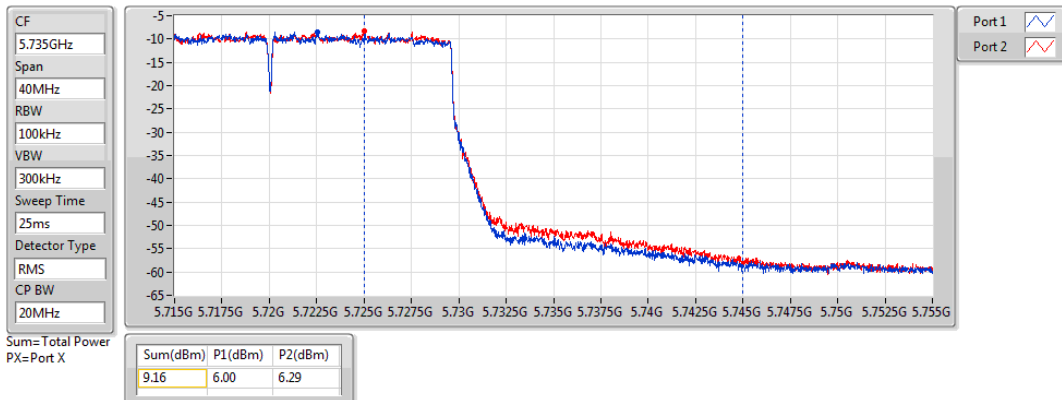


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

23/01/2020

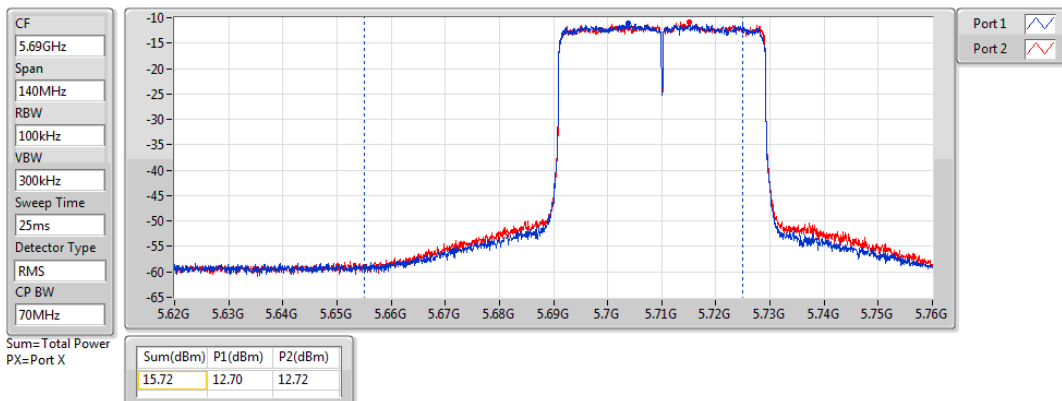


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

23/01/2020

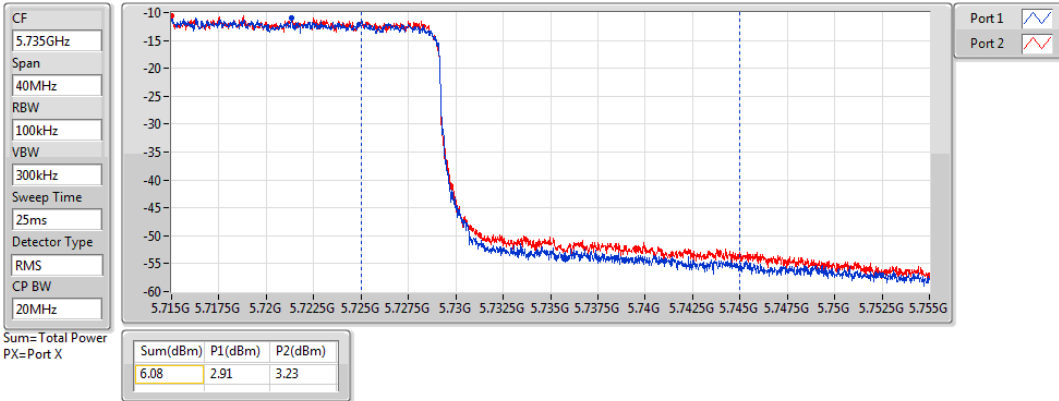


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

23/01/2020

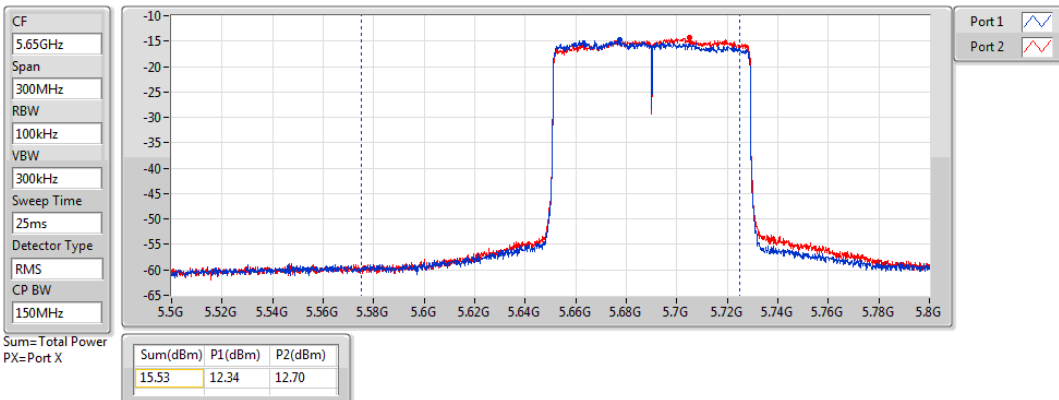


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

23/01/2020

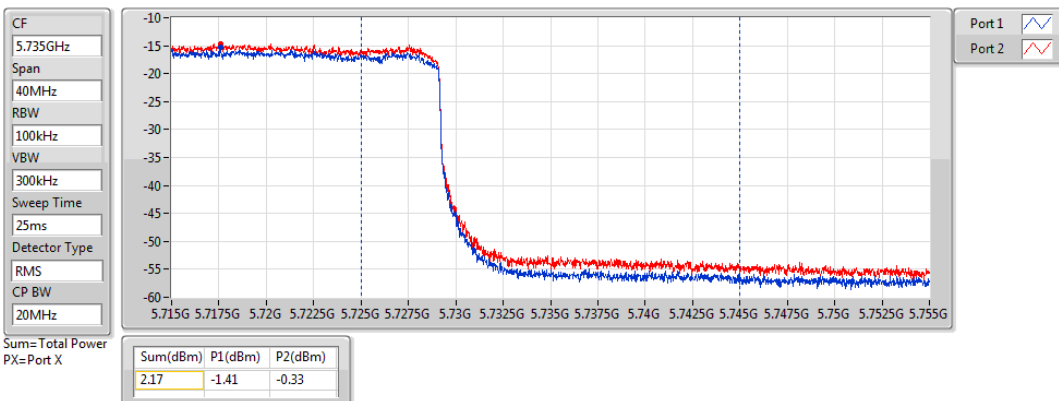


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

23/01/2020





Average Power_Beamforming_Sample 2_Radio 2_Omni_2T1S Appendix B.17

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	18.25	0.06683	29.26	0.84333
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	18.24	0.06668	29.25	0.84140
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	16.57	0.04539	27.58	0.57280
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	18.45	0.06998	29.46	0.88308
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	18.29	0.06745	29.30	0.85114
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	16.61	0.04581	27.62	0.57810
5.47-5.725GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	18.20	0.06607	29.21	0.83368
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	18.34	0.06823	29.35	0.86099
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	18.09	0.06442	29.10	0.81283
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	18.38	0.06887	29.39	0.86896
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	18.43	0.06966	29.44	0.87902
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	18.44	0.06982	29.45	0.88105
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	10.75	0.01189	21.76	0.14997
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	7.74	0.00594	18.75	0.07499
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	3.93	0.00247	14.94	0.03119
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	12.19	0.01656	23.20	0.20893
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	8.63	0.00729	19.64	0.09204
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	4.80	0.00302	15.81	0.03811



Average Power_Beamforming_Sample 2_Radio 2_Omni_2T1S Appendix B.17

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	11.01	15.11	15.33	18.23	18.97	29.24	30.00
5300MHz	Pass	11.01	15.26	15.21	18.25	18.97	29.26	30.00
5320MHz	Pass	11.01	15.03	15.26	18.16	18.97	29.17	30.00
5500MHz	Pass	11.01	14.79	15.46	18.15	18.97	29.16	30.00
5580MHz	Pass	11.01	14.80	15.55	18.20	18.97	29.21	30.00
5700MHz	Pass	11.01	14.31	14.71	17.52	18.97	28.53	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	11.01	13.10	13.51	16.32	18.01	27.33	29.02
5720MHz Straddle 5.725-5.85GHz	Pass	11.01	7.44	8.02	10.75	24.99	21.76	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	11.01	14.96	15.49	18.24	18.97	29.25	30.00
5310MHz	Pass	11.01	14.08	14.79	17.46	18.97	28.47	30.00
5510MHz	Pass	11.01	12.36	13.24	15.83	18.97	26.84	30.00
5550MHz	Pass	11.01	14.85	14.80	17.84	18.97	28.85	30.00
5670MHz	Pass	11.01	15.28	15.37	18.34	18.97	29.35	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	11.01	14.67	15.13	17.92	18.97	28.93	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	11.01	4.70	4.76	7.74	24.99	18.75	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	11.01	13.23	13.87	16.57	18.97	27.58	30.00
5530MHz	Pass	11.01	13.18	12.86	16.03	18.97	27.04	30.00
5610MHz	Pass	11.01	14.71	14.81	17.77	18.97	28.78	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	11.01	14.81	15.34	18.09	18.97	29.10	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	11.01	0.63	1.20	3.93	24.99	14.94	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	11.01	15.67	15.19	18.45	18.97	29.46	30.00
5300MHz	Pass	11.01	15.19	15.43	18.32	18.97	29.33	30.00
5320MHz	Pass	11.01	15.29	15.26	18.29	18.97	29.30	30.00
5500MHz	Pass	11.01	14.94	15.58	18.28	18.97	29.29	30.00
5580MHz	Pass	11.01	14.98	15.73	18.38	18.97	29.39	30.00
5700MHz	Pass	11.01	14.49	15.18	17.86	18.97	28.87	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	11.01	14.04	14.76	17.43	17.95	28.44	28.96
5720MHz Straddle 5.725-5.85GHz	Pass	11.01	8.93	9.41	12.19	24.99	23.20	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	11.01	15.34	15.21	18.29	18.97	29.30	30.00
5310MHz	Pass	11.01	14.21	14.82	17.54	18.97	28.55	30.00
5510MHz	Pass	11.01	12.47	13.46	16.00	18.97	27.01	30.00
5550MHz	Pass	11.01	15.29	15.38	18.35	18.97	29.36	30.00
5670MHz	Pass	11.01	15.68	15.15	18.43	18.97	29.44	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	11.01	15.09	15.50	18.31	18.97	29.32	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	11.01	5.40	5.83	8.63	24.99	19.64	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	11.01	13.24	13.93	16.61	18.97	27.62	30.00
5530MHz	Pass	11.01	13.32	12.97	16.16	18.97	27.17	30.00
5610MHz	Pass	11.01	15.09	15.75	18.44	18.97	29.45	30.00



Average Power_Beamforming_Sample 2_Radio 2_Omni_2T1S Appendix B.17

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	11.01	15.01	15.69	18.37	18.97	29.38	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	11.01	1.32	2.21	4.80	24.99	15.81	36.00

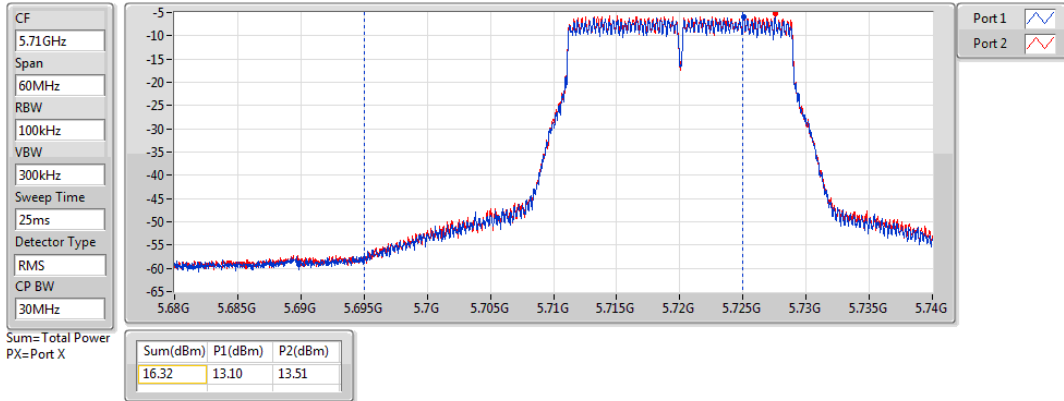
DG = Directional Gain; **Port X** = Port X output power

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

22/01/2020

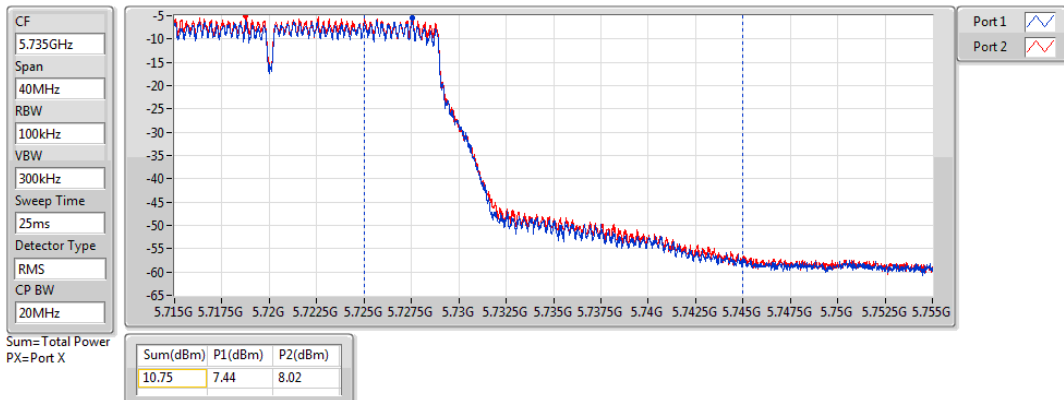


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

22/01/2020

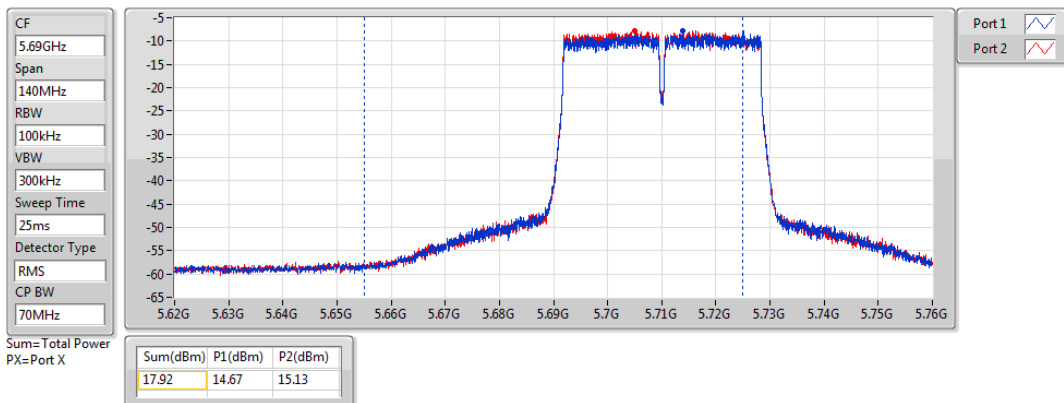


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

22/01/2020

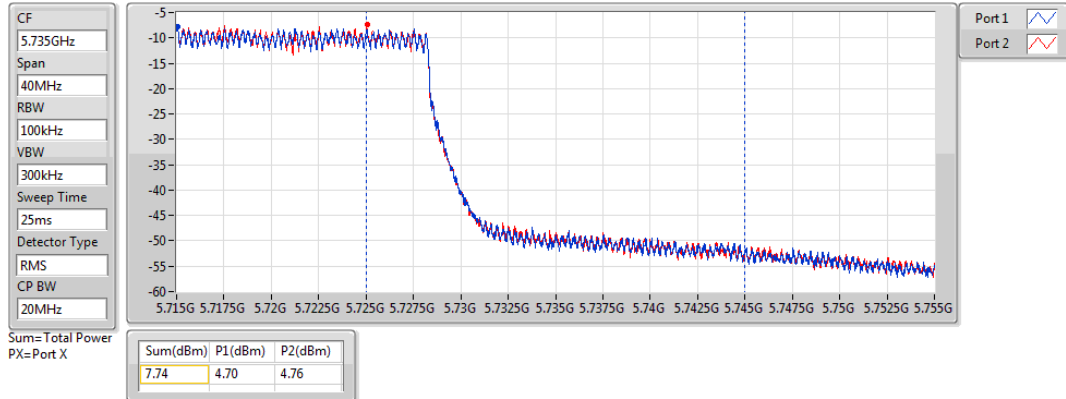


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

22/01/2020

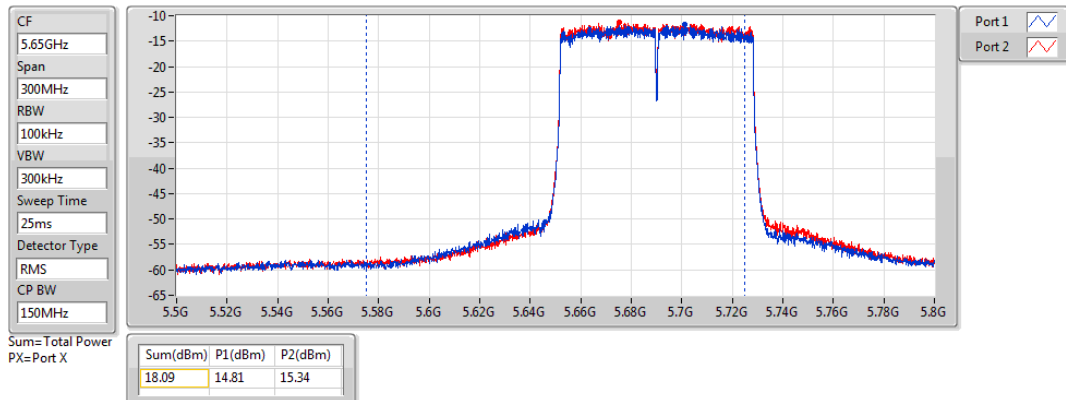


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

22/01/2020

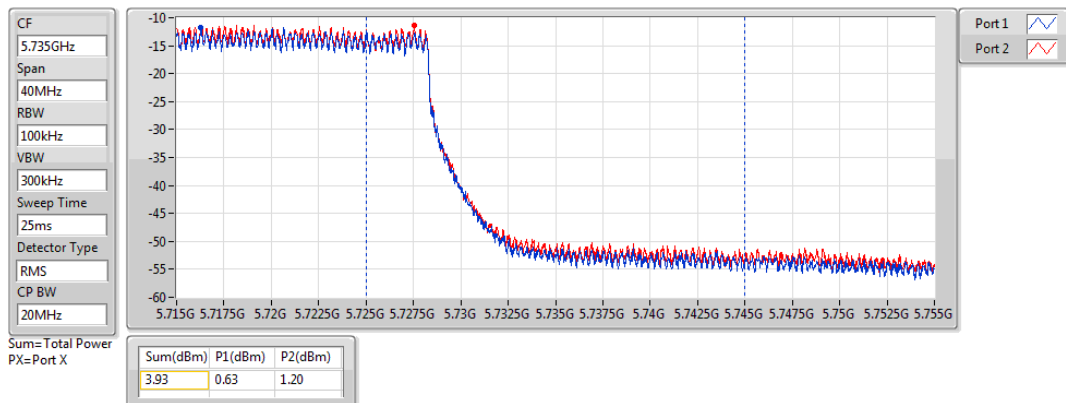


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

22/01/2020

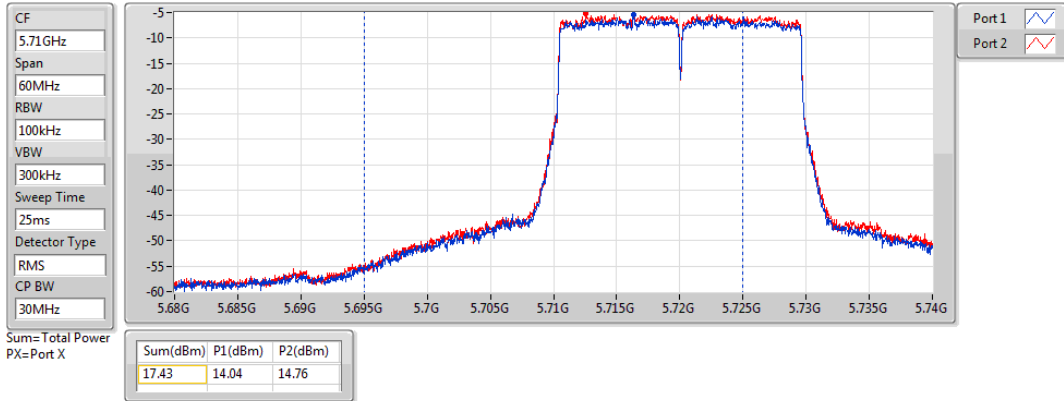


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

22/01/2020

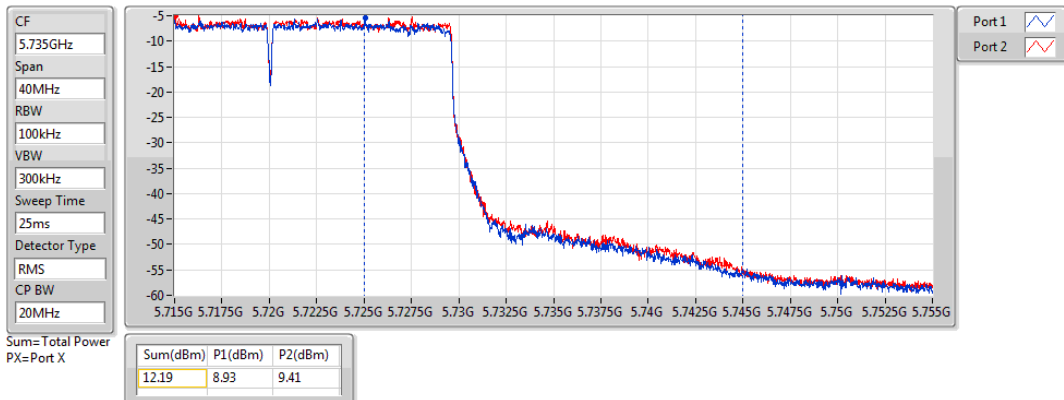


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

22/01/2020



802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

22/01/2020

