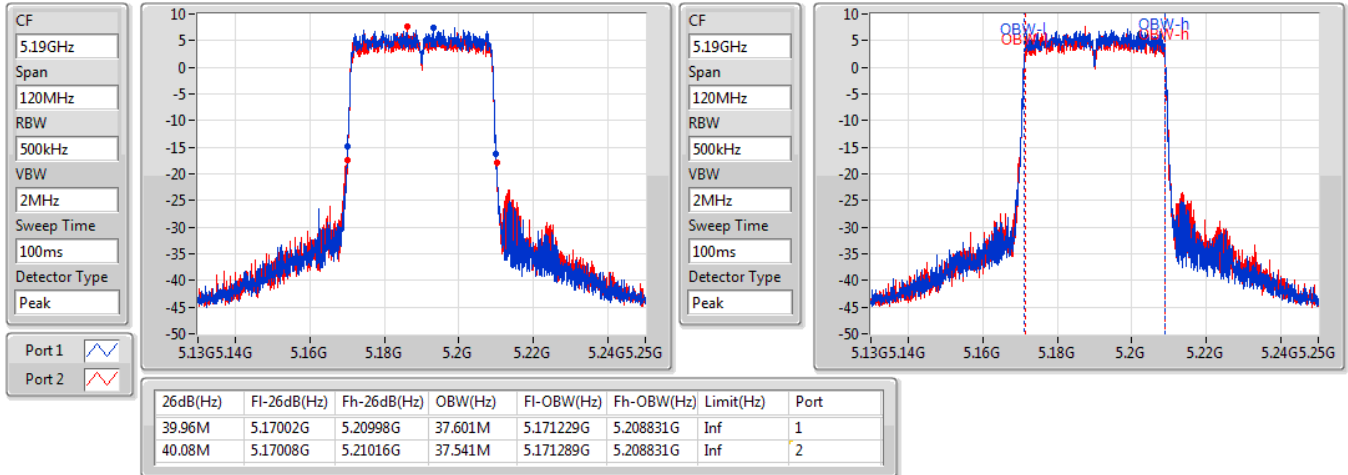


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5190MHz

25/12/2019

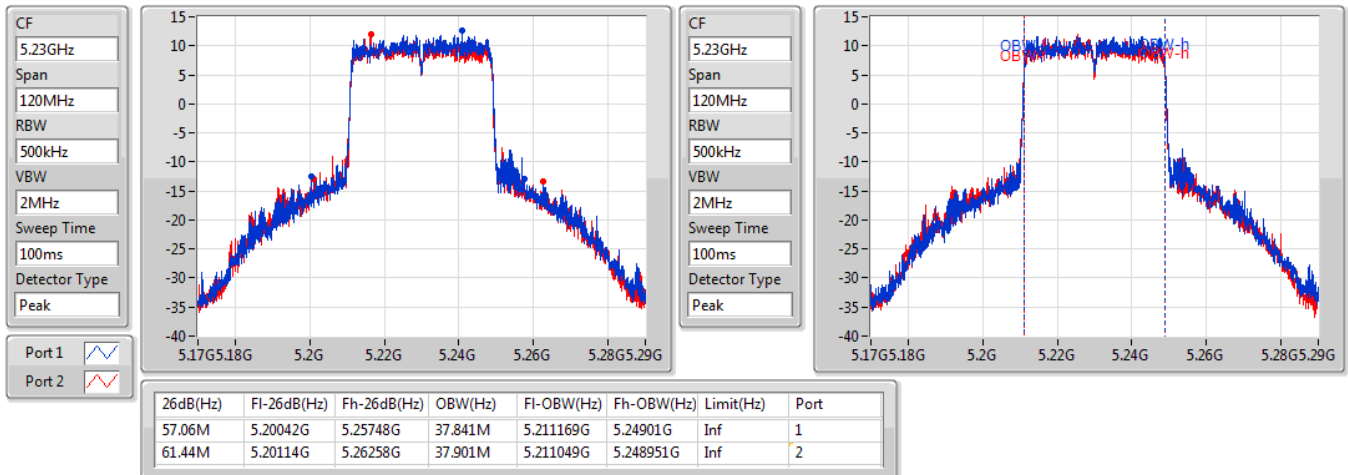


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5230MHz

25/12/2019

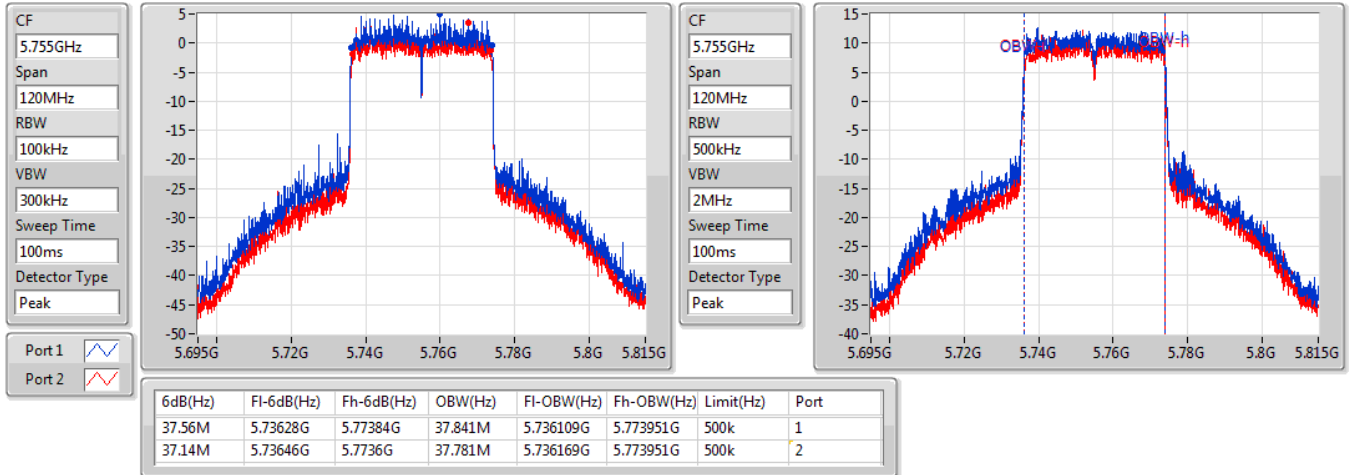


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5755MHz

25/12/2019

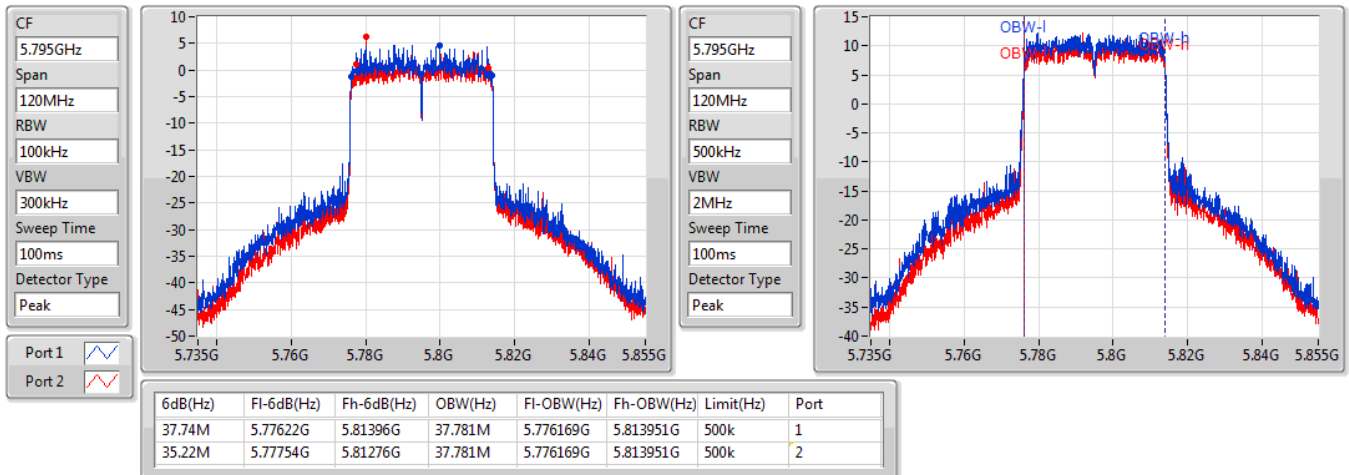


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5795MHz

25/12/2019

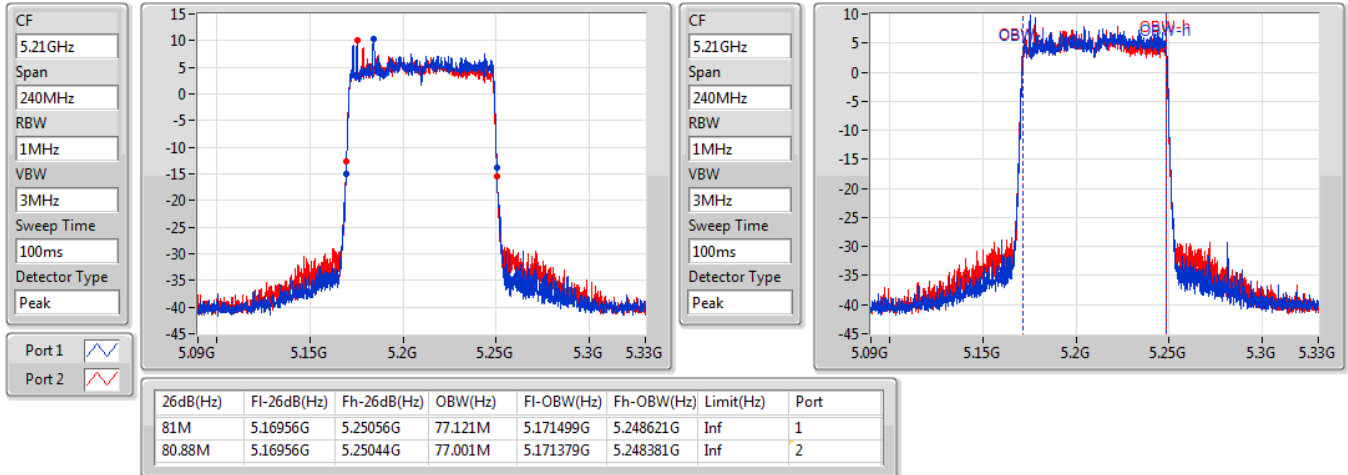


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5210MHz

25/12/2019

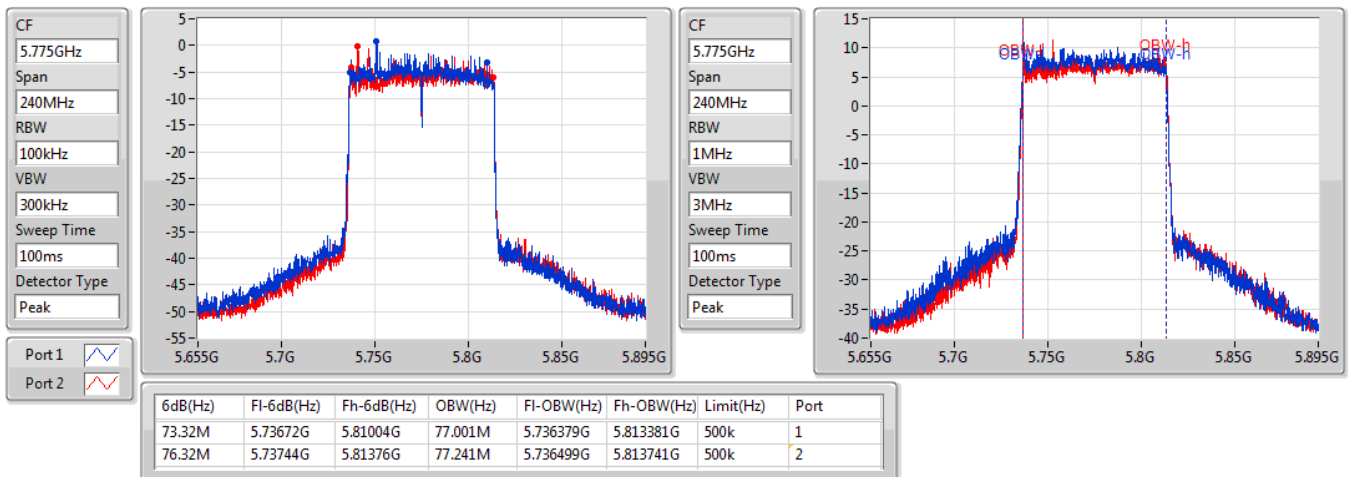


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5775MHz

25/12/2019



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	22.61	0.18239	27.78	0.59979
802.11ac VHT20_Nss1,(MCS0)_1TX	21.80	0.15136	26.97	0.49774
802.11ac VHT40_Nss1,(MCS0)_1TX	20.73	0.11830	25.90	0.38905
802.11ac VHT80_Nss1,(MCS0)_1TX	16.49	0.04457	21.66	0.14655
802.11ax HEW20_Nss1,(MCS0)_1TX	21.95	0.15668	27.12	0.51523
802.11ax HEW40_Nss1,(MCS0)_1TX	20.99	0.12560	26.16	0.41305
802.11ax HEW80_Nss1,(MCS0)_1TX	16.83	0.04819	22.00	0.15849
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	23.83	0.24155	29.00	0.79433
802.11ac VHT20_Nss1,(MCS0)_1TX	23.70	0.23442	28.87	0.77090
802.11ac VHT40_Nss1,(MCS0)_1TX	23.31	0.21429	28.48	0.70469
802.11ac VHT80_Nss1,(MCS0)_1TX	20.30	0.10715	25.47	0.35237
802.11ax HEW20_Nss1,(MCS0)_1TX	24.02	0.25235	29.19	0.82985
802.11ax HEW40_Nss1,(MCS0)_1TX	23.39	0.21827	28.56	0.71779
802.11ax HEW80_Nss1,(MCS0)_1TX	20.45	0.11092	25.62	0.36475

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	5.17	19.66	19.66	30.00	24.83	36.00
5200MHz	Pass	5.17	22.61	22.61	30.00	27.78	36.00
5240MHz	Pass	5.17	20.81	20.81	30.00	25.98	36.00
5745MHz	Pass	5.17	23.83	23.83	30.00	29.00	36.00
5785MHz	Pass	5.17	20.62	20.62	30.00	25.79	36.00
5825MHz	Pass	5.17	20.87	20.87	30.00	26.04	36.00
802.11ac_VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	5.17	18.71	18.71	30.00	23.88	36.00
5200MHz	Pass	5.17	21.80	21.80	30.00	26.97	36.00
5240MHz	Pass	5.17	20.46	20.46	30.00	25.63	36.00
5745MHz	Pass	5.17	23.70	23.70	30.00	28.87	36.00
5785MHz	Pass	5.17	21.01	21.01	30.00	26.18	36.00
5825MHz	Pass	5.17	21.86	21.86	30.00	27.03	36.00
802.11ac_VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	5.17	17.14	17.14	30.00	22.31	36.00
5230MHz	Pass	5.17	20.73	20.73	30.00	25.90	36.00
5755MHz	Pass	5.17	22.61	22.61	30.00	27.78	36.00
5795MHz	Pass	5.17	23.31	23.31	30.00	28.48	36.00
802.11ac_VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	5.17	16.49	16.49	30.00	21.66	36.00
5775MHz	Pass	5.17	20.30	20.30	30.00	25.47	36.00
802.11ax_HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	5.17	19.02	19.02	30.00	24.19	36.00
5200MHz	Pass	5.17	21.95	21.95	30.00	27.12	36.00
5240MHz	Pass	5.17	20.77	20.77	30.00	25.94	36.00
5745MHz	Pass	5.17	24.02	24.02	30.00	29.19	36.00
5785MHz	Pass	5.17	21.21	21.21	30.00	26.38	36.00
5825MHz	Pass	5.17	22.12	22.12	30.00	27.29	36.00
802.11ax_HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	5.17	17.41	17.41	30.00	22.58	36.00
5230MHz	Pass	5.17	20.99	20.99	30.00	26.16	36.00
5755MHz	Pass	5.17	22.64	22.64	30.00	27.81	36.00
5795MHz	Pass	5.17	23.39	23.39	30.00	28.56	36.00
802.11ax_HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	5.17	16.83	16.83	30.00	22.00	36.00
5775MHz	Pass	5.17	20.45	20.45	30.00	25.62	36.00

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

**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	25.55	0.35892	30.72	1.18032
802.11ac VHT20_Nss2,(MCS0)_2TX	24.74	0.29785	29.86	0.96828
802.11ac VHT40_Nss2,(MCS0)_2TX	23.29	0.21330	28.41	0.69343
802.11ac VHT80_Nss2,(MCS0)_2TX	19.22	0.08356	24.34	0.27164
802.11ax HEW20_Nss2,(MCS0)_2TX	24.80	0.30200	29.92	0.98175
802.11ax HEW40_Nss2,(MCS0)_2TX	23.69	0.23388	28.81	0.76033
802.11ax HEW80_Nss2,(MCS0)_2TX	19.59	0.09099	24.71	0.29580
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	27.11	0.51404	32.28	1.69044
802.11ac VHT20_Nss2,(MCS0)_2TX	26.50	0.44668	31.62	1.45211
802.11ac VHT40_Nss2,(MCS0)_2TX	25.93	0.39174	31.05	1.27350
802.11ac VHT80_Nss2,(MCS0)_2TX	24.11	0.25763	29.23	0.83753
802.11ax HEW20_Nss2,(MCS0)_2TX	26.72	0.46989	31.84	1.52757
802.11ax HEW40_Nss2,(MCS0)_2TX	26.01	0.39902	31.13	1.29718
802.11ax HEW80_Nss2,(MCS0)_2TX	24.12	0.25823	29.24	0.83946



Average Power_Non-Beamforming_Sample 1_Radio 1_2T2S

Appendix C.2

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	-	-	-	-	-	-	-	-
5180MHz	Pass	5.17	19.18	18.71	21.96	30.00	27.13	36.00
5200MHz	Pass	5.17	22.94	22.10	25.55	30.00	30.72	36.00
5240MHz	Pass	5.17	20.18	19.16	22.71	30.00	27.88	36.00
5745MHz	Pass	5.17	24.10	24.10	27.11	30.00	32.28	36.00
5785MHz	Pass	5.17	20.52	20.19	23.37	30.00	28.54	36.00
5825MHz	Pass	5.17	21.26	20.72	24.01	30.00	29.18	36.00
802.11ac_VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.12	18.60	18.27	21.45	30.00	26.57	36.00
5200MHz	Pass	5.12	21.93	21.53	24.74	30.00	29.86	36.00
5240MHz	Pass	5.12	20.78	20.18	23.50	30.00	28.62	36.00
5745MHz	Pass	5.12	23.48	23.50	26.50	30.00	31.62	36.00
5785MHz	Pass	5.12	21.69	21.44	24.58	30.00	29.70	36.00
5825MHz	Pass	5.12	22.04	21.74	24.90	30.00	30.02	36.00
802.11ac_VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.12	15.92	15.66	18.80	30.00	23.92	36.00
5230MHz	Pass	5.12	20.46	20.09	23.29	30.00	28.41	36.00
5755MHz	Pass	5.12	22.44	22.17	25.32	30.00	30.44	36.00
5795MHz	Pass	5.12	22.88	22.96	25.93	30.00	31.05	36.00
802.11ac_VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.12	16.39	16.02	19.22	30.00	24.34	36.00
5775MHz	Pass	5.12	21.08	21.12	24.11	30.00	29.23	36.00
802.11ax_HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.12	18.76	18.49	21.64	30.00	26.76	36.00
5200MHz	Pass	5.12	21.97	21.61	24.80	30.00	29.92	36.00
5240MHz	Pass	5.12	21.01	20.58	23.81	30.00	28.93	36.00
5745MHz	Pass	5.12	23.77	23.64	26.72	30.00	31.84	36.00
5785MHz	Pass	5.12	21.74	21.65	24.71	30.00	29.83	36.00
5825MHz	Pass	5.12	22.11	21.94	25.04	30.00	30.16	36.00
802.11ax_HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.12	16.14	16.00	19.08	30.00	24.20	36.00
5230MHz	Pass	5.12	20.87	20.49	23.69	30.00	28.81	36.00
5755MHz	Pass	5.12	22.52	22.44	25.49	30.00	30.61	36.00
5795MHz	Pass	5.12	23.05	22.94	26.01	30.00	31.13	36.00
802.11ax_HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.12	16.70	16.45	19.59	30.00	24.71	36.00
5775MHz	Pass	5.12	21.02	21.19	24.12	30.00	29.24	36.00

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

**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	23.39	0.21827	28.20	0.66069
802.11ac VHT20_Nss1,(MCS0)_1TX	22.55	0.17989	27.36	0.54450
802.11ac VHT40_Nss1,(MCS0)_1TX	21.20	0.13183	26.01	0.39902
802.11ac VHT80_Nss1,(MCS0)_1TX	16.63	0.04603	21.44	0.13932
802.11ax HEW20_Nss1,(MCS0)_1TX	22.68	0.18535	27.49	0.56105
802.11ax HEW40_Nss1,(MCS0)_1TX	21.51	0.14158	26.32	0.42855
802.11ax HEW80_Nss1,(MCS0)_1TX	17.05	0.05070	21.86	0.15346
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	25.10	0.32359	29.91	0.97949
802.11ac VHT20_Nss1,(MCS0)_1TX	25.10	0.32359	29.91	0.97949
802.11ac VHT40_Nss1,(MCS0)_1TX	23.93	0.24717	28.74	0.74817
802.11ac VHT80_Nss1,(MCS0)_1TX	21.24	0.13305	26.05	0.40272
802.11ax HEW20_Nss1,(MCS0)_1TX	25.16	0.32810	29.97	0.99312
802.11ax HEW40_Nss1,(MCS0)_1TX	24.24	0.26546	29.05	0.80353
802.11ax HEW80_Nss1,(MCS0)_1TX	21.49	0.14093	26.30	0.42658

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	4.81	20.59	20.59	30.00	25.40	36.00
5200MHz	Pass	4.81	23.39	23.39	30.00	28.20	36.00
5240MHz	Pass	4.81	21.93	21.93	30.00	26.74	36.00
5745MHz	Pass	4.81	24.83	24.83	30.00	29.64	36.00
5785MHz	Pass	4.81	25.10	25.10	30.00	29.91	36.00
5825MHz	Pass	4.81	24.98	24.98	30.00	29.79	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	4.81	19.96	19.96	30.00	24.77	36.00
5200MHz	Pass	4.81	22.55	22.55	30.00	27.36	36.00
5240MHz	Pass	4.81	21.76	21.76	30.00	26.57	36.00
5745MHz	Pass	4.81	23.92	23.92	30.00	28.73	36.00
5785MHz	Pass	4.81	25.10	25.10	30.00	29.91	36.00
5825MHz	Pass	4.81	23.89	23.89	30.00	28.70	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	4.81	16.90	16.90	30.00	21.71	36.00
5230MHz	Pass	4.81	21.20	21.20	30.00	26.01	36.00
5755MHz	Pass	4.81	23.92	23.92	30.00	28.73	36.00
5795MHz	Pass	4.81	23.93	23.93	30.00	28.74	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	4.81	16.63	16.63	30.00	21.44	36.00
5775MHz	Pass	4.81	21.24	21.24	30.00	26.05	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	4.81	20.12	20.12	30.00	24.93	36.00
5200MHz	Pass	4.81	22.68	22.68	30.00	27.49	36.00
5240MHz	Pass	4.81	22.12	22.12	30.00	26.93	36.00
5745MHz	Pass	4.81	24.17	24.17	30.00	28.98	36.00
5785MHz	Pass	4.81	25.16	25.16	30.00	29.97	36.00
5825MHz	Pass	4.81	24.12	24.12	30.00	28.93	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	4.81	17.23	17.23	30.00	22.04	36.00
5230MHz	Pass	4.81	21.51	21.51	30.00	26.32	36.00
5755MHz	Pass	4.81	24.01	24.01	30.00	28.82	36.00
5795MHz	Pass	4.81	24.24	24.24	30.00	29.05	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	4.81	17.05	17.05	30.00	21.86	36.00
5775MHz	Pass	4.81	21.49	21.49	30.00	26.30	36.00

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

**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	25.65	0.36728	30.46	1.11173
802.11ac VHT20_Nss2,(MCS0)_2TX	24.81	0.30269	29.59	0.90991
802.11ac VHT40_Nss2,(MCS0)_2TX	24.28	0.26792	29.06	0.80538
802.11ac VHT80_Nss2,(MCS0)_2TX	20.13	0.10304	24.91	0.30974
802.11ax HEW20_Nss2,(MCS0)_2TX	24.91	0.30974	29.69	0.93111
802.11ax HEW40_Nss2,(MCS0)_2TX	24.40	0.27542	29.18	0.82794
802.11ax HEW80_Nss2,(MCS0)_2TX	20.36	0.10864	25.14	0.32659
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	27.66	0.58345	32.47	1.76604
802.11ac VHT20_Nss2,(MCS0)_2TX	27.62	0.57810	32.40	1.73780
802.11ac VHT40_Nss2,(MCS0)_2TX	26.98	0.49888	31.76	1.49968
802.11ac VHT80_Nss2,(MCS0)_2TX	24.95	0.31261	29.73	0.93972
802.11ax HEW20_Nss2,(MCS0)_2TX	27.65	0.58210	32.43	1.74985
802.11ax HEW40_Nss2,(MCS0)_2TX	27.03	0.50466	31.81	1.51705
802.11ax HEW80_Nss2,(MCS0)_2TX	24.98	0.31477	29.76	0.94624



Average Power_Non-Beamforming_Sample 1_Radio 2_2T2S

Appendix C.4

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	-	-	-	-	-	-	-	-
5180MHz	Pass	4.81	19.77	19.80	22.80	30.00	27.61	36.00
5200MHz	Pass	4.81	22.52	22.75	25.65	30.00	30.46	36.00
5240MHz	Pass	4.81	21.35	21.43	24.40	30.00	29.21	36.00
5745MHz	Pass	4.81	22.98	23.09	26.05	30.00	30.86	36.00
5785MHz	Pass	4.81	24.73	24.57	27.66	30.00	32.47	36.00
5825MHz	Pass	4.81	23.89	24.48	27.21	30.00	32.02	36.00
802.11ac_VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.78	18.75	18.51	21.64	30.00	26.42	36.00
5200MHz	Pass	4.78	21.73	21.87	24.81	30.00	29.59	36.00
5240MHz	Pass	4.78	21.06	21.17	24.13	30.00	28.91	36.00
5745MHz	Pass	4.78	22.96	22.96	25.97	30.00	30.75	36.00
5785MHz	Pass	4.78	24.73	24.49	27.62	30.00	32.40	36.00
5825MHz	Pass	4.78	24.61	24.51	27.57	30.00	32.35	36.00
802.11ac_VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.78	16.11	16.18	19.16	30.00	23.94	36.00
5230MHz	Pass	4.78	20.96	21.55	24.28	30.00	29.06	36.00
5755MHz	Pass	4.78	23.46	23.21	26.35	30.00	31.13	36.00
5795MHz	Pass	4.78	24.07	23.86	26.98	30.00	31.76	36.00
802.11ac_VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.78	17.00	17.23	20.13	30.00	24.91	36.00
5775MHz	Pass	4.78	21.83	22.05	24.95	30.00	29.73	36.00
802.11ax_HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.78	18.88	19.01	21.96	30.00	26.74	36.00
5200MHz	Pass	4.78	21.74	22.05	24.91	30.00	29.69	36.00
5240MHz	Pass	4.78	21.42	21.48	24.46	30.00	29.24	36.00
5745MHz	Pass	4.78	23.10	23.34	26.23	30.00	31.01	36.00
5785MHz	Pass	4.78	24.73	24.55	27.65	30.00	32.43	36.00
5825MHz	Pass	4.78	24.64	24.51	27.59	30.00	32.37	36.00
802.11ax_HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.78	16.36	16.80	19.60	30.00	24.38	36.00
5230MHz	Pass	4.78	21.09	21.67	24.40	30.00	29.18	36.00
5755MHz	Pass	4.78	23.65	23.36	26.52	30.00	31.30	36.00
5795MHz	Pass	4.78	23.97	24.06	27.03	30.00	31.81	36.00
802.11ax_HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.78	17.33	17.37	20.36	30.00	25.14	36.00
5775MHz	Pass	4.78	21.81	22.13	24.98	30.00	29.76	36.00

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



Average Power
Non-Beamforming_Sample 2_Radio 1_Omni_1T1S

Appendix C.5

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.81	0.12050	28.81	0.76033
802.11ac VHT20_Nss1,(MCS0)_1TX	20.52	0.11272	28.52	0.71121
802.11ac VHT40_Nss1,(MCS0)_1TX	19.85	0.09661	27.85	0.60954
802.11ac VHT80_Nss1,(MCS0)_1TX	14.25	0.02661	22.25	0.16788
802.11ax HEW20_Nss1,(MCS0)_1TX	20.58	0.11429	28.58	0.72111
802.11ax HEW40_Nss1,(MCS0)_1TX	19.86	0.09683	27.86	0.61094
802.11ax HEW80_Nss1,(MCS0)_1TX	14.32	0.02704	22.32	0.17061
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.97	0.15740	29.97	0.99312
802.11ac VHT20_Nss1,(MCS0)_1TX	21.48	0.14060	29.48	0.88716
802.11ac VHT40_Nss1,(MCS0)_1TX	21.56	0.14322	29.56	0.90365
802.11ac VHT80_Nss1,(MCS0)_1TX	18.65	0.07328	26.65	0.46238
802.11ax HEW20_Nss1,(MCS0)_1TX	21.79	0.15101	29.79	0.95280
802.11ax HEW40_Nss1,(MCS0)_1TX	21.68	0.14723	29.68	0.92897
802.11ax HEW80_Nss1,(MCS0)_1TX	18.80	0.07586	26.80	0.47863



Average Power
Non-Beamforming_Sample 2_Radio 1_Omni_1T1S

Appendix C.5

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	8.00	16.72	16.72	28.00	24.72	36.00
5200MHz_TnomVnom	Pass	8.00	20.81	20.81	28.00	28.81	36.00
5240MHz_TnomVnom	Pass	8.00	20.50	20.50	28.00	28.50	36.00
5745MHz_TnomVnom	Pass	8.00	21.97	21.97	28.00	29.97	36.00
5785MHz_TnomVnom	Pass	8.00	21.72	21.72	28.00	29.72	36.00
5825MHz_TnomVnom	Pass	8.00	21.93	21.93	28.00	29.93	36.00
802.11ac_VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	8.00	17.35	17.35	28.00	25.35	36.00
5200MHz_TnomVnom	Pass	8.00	20.52	20.52	28.00	28.52	36.00
5240MHz_TnomVnom	Pass	8.00	20.29	20.29	28.00	28.29	36.00
5745MHz_TnomVnom	Pass	8.00	21.08	21.08	28.00	29.08	36.00
5785MHz_TnomVnom	Pass	8.00	20.19	20.19	28.00	28.19	36.00
5825MHz_TnomVnom	Pass	8.00	21.48	21.48	28.00	29.48	36.00
802.11ac_VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	8.00	14.26	14.26	28.00	22.26	36.00
5230MHz_TnomVnom	Pass	8.00	19.85	19.85	28.00	27.85	36.00
5755MHz_TnomVnom	Pass	8.00	21.56	21.56	28.00	29.56	36.00
5795MHz_TnomVnom	Pass	8.00	21.55	21.55	28.00	29.55	36.00
802.11ac_VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	8.00	14.25	14.25	28.00	22.25	36.00
5775MHz_TnomVnom	Pass	8.00	18.65	18.65	28.00	26.65	36.00
802.11ax_HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	8.00	17.64	17.64	28.00	25.64	36.00
5200MHz_TnomVnom	Pass	8.00	20.53	20.53	28.00	28.53	36.00
5240MHz_TnomVnom	Pass	8.00	20.58	20.58	28.00	28.58	36.00
5745MHz_TnomVnom	Pass	8.00	21.35	21.35	28.00	29.35	36.00
5785MHz_TnomVnom	Pass	8.00	20.29	20.29	28.00	28.29	36.00
5825MHz_TnomVnom	Pass	8.00	21.79	21.79	28.00	29.79	36.00
802.11ax_HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	8.00	14.44	14.44	28.00	22.44	36.00
5230MHz_TnomVnom	Pass	8.00	19.86	19.86	28.00	27.86	36.00
5755MHz_TnomVnom	Pass	8.00	21.68	21.68	28.00	29.68	36.00
5795MHz_TnomVnom	Pass	8.00	21.59	21.59	28.00	29.59	36.00
802.11ax_HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	8.00	14.32	14.32	28.00	22.32	36.00
5775MHz_TnomVnom	Pass	8.00	18.80	18.80	28.00	26.80	36.00

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



Average Power
Non-Beamforming_Sample 2_Radio 1_Omni_2T2S

Appendix C.6

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.93	0.19634	30.93	1.23880
802.11ac VHT20_Nss2,(MCS0)_2TX	22.90	0.19498	30.90	1.23027
802.11ac VHT40_Nss2,(MCS0)_2TX	22.22	0.16672	30.22	1.05196
802.11ac VHT80_Nss2,(MCS0)_2TX	15.86	0.03855	23.86	0.24322
802.11ax HEW20_Nss2,(MCS0)_2TX	23.00	0.19953	31.00	1.25893
802.11ax HEW40_Nss2,(MCS0)_2TX	22.27	0.16866	30.27	1.06414
802.11ax HEW80_Nss2,(MCS0)_2TX	16.03	0.04009	24.03	0.25293
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	24.89	0.30832	32.89	1.94536
802.11ac VHT20_Nss2,(MCS0)_2TX	26.14	0.41115	34.14	2.59418
802.11ac VHT40_Nss2,(MCS0)_2TX	23.77	0.23823	31.77	1.50314
802.11ac VHT80_Nss2,(MCS0)_2TX	19.46	0.08831	27.46	0.55719
802.11ax HEW20_Nss2,(MCS0)_2TX	26.30	0.42658	34.30	2.69153
802.11ax HEW40_Nss2,(MCS0)_2TX	23.83	0.24155	31.83	1.52405
802.11ax HEW80_Nss2,(MCS0)_2TX	19.66	0.09247	27.66	0.58345



Average Power
Non-Beamforming_Sample 2_Radio 1_Omni_2T2S

Appendix C.6

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	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	8.00	16.28	16.23	19.27	28.00	27.27	36.00
5200MHz_TnomVnom	Pass	8.00	19.75	20.09	22.93	28.00	30.93	36.00
5240MHz_TnomVnom	Pass	8.00	19.88	19.94	22.92	28.00	30.92	36.00
5745MHz_TnomVnom	Pass	8.00	21.52	22.03	24.79	28.00	32.79	36.00
5785MHz_TnomVnom	Pass	8.00	21.41	21.78	24.61	28.00	32.61	36.00
5825MHz_TnomVnom	Pass	8.00	21.75	22.00	24.89	28.00	32.89	36.00
802.11ac_VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	8.00	15.75	15.60	18.69	28.00	26.69	36.00
5200MHz_TnomVnom	Pass	8.00	19.42	19.66	22.55	28.00	30.55	36.00
5240MHz_TnomVnom	Pass	8.00	19.85	19.92	22.90	28.00	30.90	36.00
5745MHz_TnomVnom	Pass	8.00	22.40	22.87	25.65	28.00	33.65	36.00
5785MHz_TnomVnom	Pass	8.00	23.06	23.19	26.14	28.00	34.14	36.00
5825MHz_TnomVnom	Pass	8.00	22.59	23.04	25.83	28.00	33.83	36.00
802.11ac_VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	8.00	14.33	13.28	16.85	28.00	24.85	36.00
5230MHz_TnomVnom	Pass	8.00	19.66	18.70	22.22	28.00	30.22	36.00
5755MHz_TnomVnom	Pass	8.00	19.39	18.78	22.11	28.00	30.11	36.00
5795MHz_TnomVnom	Pass	8.00	20.86	20.66	23.77	28.00	31.77	36.00
802.11ac_VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	8.00	13.08	12.60	15.86	28.00	23.86	36.00
5775MHz_TnomVnom	Pass	8.00	16.53	16.37	19.46	28.00	27.46	36.00
802.11ax_HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	8.00	16.02	16.01	19.03	28.00	27.03	36.00
5200MHz_TnomVnom	Pass	8.00	19.52	19.86	22.70	28.00	30.70	36.00
5240MHz_TnomVnom	Pass	8.00	19.84	20.14	23.00	28.00	31.00	36.00
5745MHz_TnomVnom	Pass	8.00	22.64	23.03	25.85	28.00	33.85	36.00
5785MHz_TnomVnom	Pass	8.00	23.22	23.36	26.30	28.00	34.30	36.00
5825MHz_TnomVnom	Pass	8.00	22.74	23.11	25.94	28.00	33.94	36.00
802.11ax_HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	8.00	14.55	13.45	17.05	28.00	25.05	36.00
5230MHz_TnomVnom	Pass	8.00	19.57	18.92	22.27	28.00	30.27	36.00
5755MHz_TnomVnom	Pass	8.00	19.54	19.06	22.32	28.00	30.32	36.00
5795MHz_TnomVnom	Pass	8.00	21.00	20.63	23.83	28.00	31.83	36.00
802.11ax_HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	8.00	13.32	12.70	16.03	28.00	24.03	36.00
5775MHz_TnomVnom	Pass	8.00	16.69	16.60	19.66	28.00	27.66	36.00

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



Average Power_Non-Beamforming_Sample 2_Radio 1_Panel 1_1T1S

Appendix C.7

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.64	0.11588	31.34	1.36144
802.11ac VHT20_Nss1,(MCS0)_1TX	20.05	0.10116	30.75	1.18850
802.11ac VHT40_Nss1,(MCS0)_1TX	19.55	0.09016	30.25	1.05925
802.11ac VHT80_Nss1,(MCS0)_1TX	13.90	0.02455	24.60	0.28840
802.11ax HEW20_Nss1,(MCS0)_1TX	20.23	0.10544	30.93	1.23880
802.11ax HEW40_Nss1,(MCS0)_1TX	20.10	0.10233	30.80	1.20226
802.11ax HEW80_Nss1,(MCS0)_1TX	14.18	0.02618	24.88	0.30761
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	23.49	0.22336	34.19	2.62422
802.11ac VHT20_Nss1,(MCS0)_1TX	23.41	0.21928	34.11	2.57632
802.11ac VHT40_Nss1,(MCS0)_1TX	21.73	0.14894	32.43	1.74985
802.11ac VHT80_Nss1,(MCS0)_1TX	18.09	0.06442	28.79	0.75683
802.11ax HEW20_Nss1,(MCS0)_1TX	23.41	0.21928	34.11	2.57632
802.11ax HEW40_Nss1,(MCS0)_1TX	21.85	0.15311	32.55	1.79887
802.11ax HEW80_Nss1,(MCS0)_1TX	18.19	0.06592	28.89	0.77446



Average Power_Non-Beamforming_Sample 2_Radio 1_Panel 1_1T1S

Appendix C.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	-	-	-	-	-	-	-
5180MHz	Pass	10.70	16.94	16.94	25.30	27.64	36.00
5200MHz	Pass	10.70	20.64	20.64	25.30	31.34	36.00
5240MHz	Pass	10.70	19.99	19.99	25.30	30.69	36.00
5745MHz	Pass	10.70	21.27	21.27	25.30	31.97	36.00
5785MHz	Pass	10.70	21.14	21.14	25.30	31.84	36.00
5825MHz	Pass	10.70	23.49	23.49	25.30	34.19	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	10.70	16.67	16.67	25.30	27.37	36.00
5200MHz	Pass	10.70	20.05	20.05	25.30	30.75	36.00
5240MHz	Pass	10.70	20.01	20.01	25.30	30.71	36.00
5745MHz	Pass	10.70	22.11	22.11	25.30	32.81	36.00
5785MHz	Pass	10.70	23.41	23.41	25.30	34.11	36.00
5825MHz	Pass	10.70	23.13	23.13	25.30	33.83	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	10.70	14.19	14.19	25.30	24.89	36.00
5230MHz	Pass	10.70	19.55	19.55	25.30	30.25	36.00
5755MHz	Pass	10.70	21.53	21.53	25.30	32.23	36.00
5795MHz	Pass	10.70	21.73	21.73	25.30	32.43	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	10.70	13.90	13.90	25.30	24.60	36.00
5775MHz	Pass	10.70	18.09	18.09	25.30	28.79	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	10.70	16.92	16.92	25.30	27.62	36.00
5200MHz	Pass	10.70	20.23	20.23	25.30	30.93	36.00
5240MHz	Pass	10.70	20.18	20.18	25.30	30.88	36.00
5745MHz	Pass	10.70	22.37	22.37	25.30	33.07	36.00
5785MHz	Pass	10.70	23.41	23.41	25.30	34.11	36.00
5825MHz	Pass	10.70	23.16	23.16	25.30	33.86	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	10.70	14.50	14.50	25.30	25.20	36.00
5230MHz	Pass	10.70	20.10	20.10	25.30	30.80	36.00
5755MHz	Pass	10.70	21.55	21.55	25.30	32.25	36.00
5795MHz	Pass	10.70	21.85	21.85	25.30	32.55	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	10.70	14.18	14.18	25.30	24.88	36.00
5775MHz	Pass	10.70	18.19	18.19	25.30	28.89	36.00

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



Average Power_Non-Beamforming_Sample 2_Radio 1_Panel 1_2T2S

Appendix C.8

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	23.02	0.20045	33.72	2.35505
802.11ac VHT20_Nss2,(MCS0)_2TX	22.99	0.19907	33.69	2.33884
802.11ac VHT40_Nss2,(MCS0)_2TX	21.82	0.15205	32.52	1.78649
802.11ac VHT80_Nss2,(MCS0)_2TX	15.19	0.03304	25.89	0.38815
802.11ax HEW20_Nss2,(MCS0)_2TX	23.33	0.21528	34.03	2.52930
802.11ax HEW40_Nss2,(MCS0)_2TX	22.10	0.16218	32.80	1.90546
802.11ax HEW80_Nss2,(MCS0)_2TX	15.37	0.03443	26.07	0.40458
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	24.44	0.27797	35.14	3.26588
802.11ac VHT20_Nss2,(MCS0)_2TX	24.53	0.28379	35.23	3.33426
802.11ac VHT40_Nss2,(MCS0)_2TX	23.69	0.23388	34.39	2.74789
802.11ac VHT80_Nss2,(MCS0)_2TX	18.21	0.06622	28.91	0.77804
802.11ax HEW20_Nss2,(MCS0)_2TX	24.75	0.29854	35.45	3.50752
802.11ax HEW40_Nss2,(MCS0)_2TX	23.91	0.24604	34.61	2.89068
802.11ax HEW80_Nss2,(MCS0)_2TX	18.45	0.06998	29.15	0.82224



Average Power_Non-Beamforming_Sample 2_Radio 1_Panel 1_2T2S

Appendix C.8

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	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	10.70	16.44	16.33	19.40	25.30	30.10	36.00
5200MHz_TnomVnom	Pass	10.70	19.56	19.74	22.66	25.30	33.36	36.00
5240MHz_TnomVnom	Pass	10.70	19.82	20.19	23.02	25.30	33.72	36.00
5745MHz_TnomVnom	Pass	10.70	21.24	21.62	24.44	25.30	35.14	36.00
5785MHz_TnomVnom	Pass	10.70	20.20	20.55	23.39	25.30	34.09	36.00
5825MHz_TnomVnom	Pass	10.70	20.13	20.40	23.28	25.30	33.98	36.00
802.11ac_VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	10.70	15.79	15.58	18.70	25.30	29.40	36.00
5200MHz_TnomVnom	Pass	10.70	19.49	19.66	22.59	25.30	33.29	36.00
5240MHz_TnomVnom	Pass	10.70	19.88	20.07	22.99	25.30	33.69	36.00
5745MHz_TnomVnom	Pass	10.70	21.26	21.59	24.44	25.30	35.14	36.00
5785MHz_TnomVnom	Pass	10.70	21.30	21.72	24.53	25.30	35.23	36.00
5825MHz_TnomVnom	Pass	10.70	21.33	21.62	24.49	25.30	35.19	36.00
802.11ac_VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	10.70	13.68	12.58	16.18	25.30	26.88	36.00
5230MHz_TnomVnom	Pass	10.70	19.15	18.43	21.82	25.30	32.52	36.00
5755MHz_TnomVnom	Pass	10.70	20.09	19.59	22.86	25.30	33.56	36.00
5795MHz_TnomVnom	Pass	10.70	20.93	20.41	23.69	25.30	34.39	36.00
802.11ac_VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	10.70	12.47	11.86	15.19	25.30	25.89	36.00
5775MHz_TnomVnom	Pass	10.70	15.41	14.97	18.21	25.30	28.91	36.00
802.11ax_HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	10.70	15.95	16.01	18.99	25.30	29.69	36.00
5200MHz_TnomVnom	Pass	10.70	19.62	19.78	22.71	25.30	33.41	36.00
5240MHz_TnomVnom	Pass	10.70	20.24	20.39	23.33	25.30	34.03	36.00
5745MHz_TnomVnom	Pass	10.70	21.56	21.91	24.75	25.30	35.45	36.00
5785MHz_TnomVnom	Pass	10.70	21.45	21.98	24.73	25.30	35.43	36.00
5825MHz_TnomVnom	Pass	10.70	21.53	21.81	24.68	25.30	35.38	36.00
802.11ax_HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	10.70	14.06	12.95	16.55	25.30	27.25	36.00
5230MHz_TnomVnom	Pass	10.70	19.45	18.70	22.10	25.30	32.80	36.00
5755MHz_TnomVnom	Pass	10.70	20.33	19.73	23.05	25.30	33.75	36.00
5795MHz_TnomVnom	Pass	10.70	21.03	20.77	23.91	25.30	34.61	36.00
802.11ax_HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	10.70	12.60	12.10	15.37	25.30	26.07	36.00
5775MHz_TnomVnom	Pass	10.70	15.60	15.27	18.45	25.30	29.15	36.00

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



Average Power_Non-Beamforming_Sample 2_Radio 2_Omni_1T1S

Appendix C.9

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	23.21	0.20941	31.21	1.32130
802.11ac VHT20_Nss1,(MCS0)_1TX	22.16	0.16444	30.16	1.03753
802.11ac VHT40_Nss1,(MCS0)_1TX	20.81	0.12050	28.81	0.76033
802.11ac VHT80_Nss1,(MCS0)_1TX	16.22	0.04188	24.22	0.26424
802.11ax HEW20_Nss1,(MCS0)_1TX	22.21	0.16634	30.21	1.04954
802.11ax HEW40_Nss1,(MCS0)_1TX	21.24	0.13305	29.24	0.83946
802.11ax HEW80_Nss1,(MCS0)_1TX	16.50	0.04467	24.50	0.28184
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	24.97	0.31405	32.97	1.98153
802.11ac VHT20_Nss1,(MCS0)_1TX	24.79	0.30130	32.79	1.90108
802.11ac VHT40_Nss1,(MCS0)_1TX	23.63	0.23067	31.63	1.45546
802.11ac VHT80_Nss1,(MCS0)_1TX	19.93	0.09840	27.93	0.62087
802.11ax HEW20_Nss1,(MCS0)_1TX	24.83	0.30409	32.83	1.91867
802.11ax HEW40_Nss1,(MCS0)_1TX	23.74	0.23659	31.74	1.49279
802.11ax HEW80_Nss1,(MCS0)_1TX	20.05	0.10116	28.05	0.63826

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	8.00	20.59	20.59	28.00	28.59	36.00
5200MHz	Pass	8.00	23.21	23.21	28.00	31.21	36.00
5240MHz	Pass	8.00	21.52	21.52	28.00	29.52	36.00
5745MHz	Pass	8.00	24.43	24.43	28.00	32.43	36.00
5785MHz	Pass	8.00	24.97	24.97	28.00	32.97	36.00
5825MHz	Pass	8.00	21.57	21.57	28.00	29.57	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	8.00	19.08	19.08	28.00	27.08	36.00
5200MHz	Pass	8.00	22.16	22.16	28.00	30.16	36.00
5240MHz	Pass	8.00	21.07	21.07	28.00	29.07	36.00
5745MHz	Pass	8.00	24.36	24.36	28.00	32.36	36.00
5785MHz	Pass	8.00	24.79	24.79	28.00	32.79	36.00
5825MHz	Pass	8.00	21.63	21.63	28.00	29.63	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	8.00	15.95	15.95	28.00	23.95	36.00
5230MHz	Pass	8.00	20.81	20.81	28.00	28.81	36.00
5755MHz	Pass	8.00	22.35	22.35	28.00	30.35	36.00
5795MHz	Pass	8.00	23.63	23.63	28.00	31.63	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	8.00	16.22	16.22	28.00	24.22	36.00
5775MHz	Pass	8.00	19.93	19.93	28.00	27.93	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	8.00	19.45	19.45	28.00	27.45	36.00
5200MHz	Pass	8.00	22.21	22.21	28.00	30.21	36.00
5240MHz	Pass	8.00	21.22	21.22	28.00	29.22	36.00
5745MHz	Pass	8.00	24.37	24.37	28.00	32.37	36.00
5785MHz	Pass	8.00	24.83	24.83	28.00	32.83	36.00
5825MHz	Pass	8.00	21.80	21.80	28.00	29.80	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	8.00	16.08	16.08	28.00	24.08	36.00
5230MHz	Pass	8.00	21.24	21.24	28.00	29.24	36.00
5755MHz	Pass	8.00	22.50	22.50	28.00	30.50	36.00
5795MHz	Pass	8.00	23.74	23.74	28.00	31.74	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	8.00	16.50	16.50	28.00	24.50	36.00
5775MHz	Pass	8.00	20.05	20.05	28.00	28.05	36.00

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



Average Power_Non-Beamforming_Sample 2_Radio 2_Omni_2T2S

Appendix C.10

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	24.39	0.27479	32.39	1.73380
802.11ac VHT20_Nss2,(MCS0)_2TX	24.07	0.25527	32.07	1.61065
802.11ac VHT40_Nss2,(MCS0)_2TX	23.14	0.20606	31.14	1.30017
802.11ac VHT80_Nss2,(MCS0)_2TX	16.99	0.05000	24.99	0.31550
802.11ax HEW20_Nss2,(MCS0)_2TX	24.31	0.26977	32.31	1.70216
802.11ax HEW40_Nss2,(MCS0)_2TX	23.24	0.21086	31.24	1.33045
802.11ax HEW80_Nss2,(MCS0)_2TX	17.29	0.05358	25.29	0.33806
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	26.92	0.49204	34.92	3.10456
802.11ac VHT20_Nss2,(MCS0)_2TX	26.84	0.48306	34.84	3.04789
802.11ac VHT40_Nss2,(MCS0)_2TX	24.70	0.29512	32.70	1.86209
802.11ac VHT80_Nss2,(MCS0)_2TX	20.15	0.10351	28.15	0.65313
802.11ax HEW20_Nss2,(MCS0)_2TX	27.01	0.50234	35.01	3.16957
802.11ax HEW40_Nss2,(MCS0)_2TX	24.79	0.30130	32.79	1.90108
802.11ax HEW80_Nss2,(MCS0)_2TX	20.42	0.11015	28.42	0.69502



Average Power_Non-Beamforming_Sample 2_Radio 2_Omni_2T2S

Appendix C.10

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	-	-	-	-	-	-	-	-
5180MHz	Pass	8.00	18.25	18.16	21.22	28.00	29.22	36.00
5200MHz	Pass	8.00	21.30	21.45	24.39	28.00	32.39	36.00
5240MHz	Pass	8.00	20.19	20.59	23.40	28.00	31.40	36.00
5745MHz	Pass	8.00	23.39	22.92	26.17	28.00	34.17	36.00
5785MHz	Pass	8.00	24.15	23.66	26.92	28.00	34.92	36.00
5825MHz	Pass	8.00	21.15	21.34	24.26	28.00	32.26	36.00
802.11ac_VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.00	17.35	17.54	20.46	28.00	28.46	36.00
5200MHz	Pass	8.00	20.98	21.14	24.07	28.00	32.07	36.00
5240MHz	Pass	8.00	20.10	20.54	23.34	28.00	31.34	36.00
5745MHz	Pass	8.00	23.81	23.27	26.56	28.00	34.56	36.00
5785MHz	Pass	8.00	24.27	23.33	26.84	28.00	34.84	36.00
5825MHz	Pass	8.00	21.15	21.28	24.23	28.00	32.23	36.00
802.11ac_VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.00	15.32	15.39	18.37	28.00	26.37	36.00
5230MHz	Pass	8.00	19.82	20.42	23.14	28.00	31.14	36.00
5755MHz	Pass	8.00	20.07	20.38	23.24	28.00	31.24	36.00
5795MHz	Pass	8.00	21.57	21.81	24.70	28.00	32.70	36.00
802.11ac_VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.00	13.76	14.19	16.99	28.00	24.99	36.00
5775MHz	Pass	8.00	17.23	17.04	20.15	28.00	28.15	36.00
802.11ax_HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.00	17.80	17.61	20.72	28.00	28.72	36.00
5200MHz	Pass	8.00	21.32	21.28	24.31	28.00	32.31	36.00
5240MHz	Pass	8.00	20.35	20.74	23.56	28.00	31.56	36.00
5745MHz	Pass	8.00	23.98	23.47	26.74	28.00	34.74	36.00
5785MHz	Pass	8.00	24.42	23.53	27.01	28.00	35.01	36.00
5825MHz	Pass	8.00	21.29	21.39	24.35	28.00	32.35	36.00
802.11ax_HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.00	15.48	15.71	18.61	28.00	26.61	36.00
5230MHz	Pass	8.00	19.78	20.64	23.24	28.00	31.24	36.00
5755MHz	Pass	8.00	20.17	20.47	23.33	28.00	31.33	36.00
5795MHz	Pass	8.00	21.54	22.00	24.79	28.00	32.79	36.00
802.11ax_HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.00	14.00	14.55	17.29	28.00	25.29	36.00
5775MHz	Pass	8.00	17.58	17.23	20.42	28.00	28.42	36.00

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



Average Power_Non-Beamforming_Sample 2_Radio 2_Panel 1_1T1S

Appendix C.11

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	22.84	0.19231	33.54	2.25944
802.11ac VHT20_Nss1,(MCS0)_1TX	21.95	0.15668	32.65	1.84077
802.11ac VHT40_Nss1,(MCS0)_1TX	21.07	0.12794	31.77	1.50314
802.11ac VHT80_Nss1,(MCS0)_1TX	15.09	0.03228	25.79	0.37931
802.11ax HEW20_Nss1,(MCS0)_1TX	22.14	0.16368	32.84	1.92309
802.11ax HEW40_Nss1,(MCS0)_1TX	21.35	0.13646	32.05	1.60325
802.11ax HEW80_Nss1,(MCS0)_1TX	15.34	0.03420	26.04	0.40179
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	24.44	0.27797	35.14	3.26588
802.11ac VHT20_Nss1,(MCS0)_1TX	24.38	0.27416	35.08	3.22107
802.11ac VHT40_Nss1,(MCS0)_1TX	23.34	0.21577	34.04	2.53513
802.11ac VHT80_Nss1,(MCS0)_1TX	19.12	0.08166	29.82	0.95940
802.11ax HEW20_Nss1,(MCS0)_1TX	24.45	0.27861	35.15	3.27341
802.11ax HEW40_Nss1,(MCS0)_1TX	23.37	0.21727	34.07	2.55270
802.11ax HEW80_Nss1,(MCS0)_1TX	19.57	0.09057	30.27	1.06414



Average Power_Non-Beamforming_Sample 2_Radio 2_Panel 1_1T1S

Appendix C.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	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	10.70	18.12	18.12	25.30	28.82	36.00
5200MHz_TnomVnom	Pass	10.70	22.84	22.84	25.30	33.54	36.00
5240MHz_TnomVnom	Pass	10.70	21.30	21.30	25.30	32.00	36.00
5745MHz_TnomVnom	Pass	10.70	24.44	24.44	25.30	35.14	36.00
5785MHz_TnomVnom	Pass	10.70	23.70	23.70	25.30	34.40	36.00
5825MHz_TnomVnom	Pass	10.70	24.21	24.21	25.30	34.91	36.00
802.11ac_VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	10.70	18.41	18.41	25.30	29.11	36.00
5200MHz_TnomVnom	Pass	10.70	21.95	21.95	25.30	32.65	36.00
5240MHz_TnomVnom	Pass	10.70	21.06	21.06	25.30	31.76	36.00
5745MHz_TnomVnom	Pass	10.70	24.38	24.38	25.30	35.08	36.00
5785MHz_TnomVnom	Pass	10.70	23.67	23.67	25.30	34.37	36.00
5825MHz_TnomVnom	Pass	10.70	23.68	23.68	25.30	34.38	36.00
802.11ac_VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	10.70	15.24	15.24	25.30	25.94	36.00
5230MHz_TnomVnom	Pass	10.70	21.07	21.07	25.30	31.77	36.00
5755MHz_TnomVnom	Pass	10.70	22.88	22.88	25.30	33.58	36.00
5795MHz_TnomVnom	Pass	10.70	23.34	23.34	25.30	34.04	36.00
802.11ac_VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	10.70	15.09	15.09	25.30	25.79	36.00
5775MHz_TnomVnom	Pass	10.70	19.12	19.12	25.30	29.82	36.00
802.11ax_HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	10.70	18.50	18.50	25.30	29.20	36.00
5200MHz_TnomVnom	Pass	10.70	22.14	22.14	25.30	32.84	36.00
5240MHz_TnomVnom	Pass	10.70	21.27	21.27	25.30	31.97	36.00
5745MHz_TnomVnom	Pass	10.70	24.45	24.45	25.30	35.15	36.00
5785MHz_TnomVnom	Pass	10.70	23.76	23.76	25.30	34.46	36.00
5825MHz_TnomVnom	Pass	10.70	23.77	23.77	25.30	34.47	36.00
802.11ax_HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	10.70	15.51	15.51	25.30	26.21	36.00
5230MHz_TnomVnom	Pass	10.70	21.35	21.35	25.30	32.05	36.00
5755MHz_TnomVnom	Pass	10.70	22.98	22.98	25.30	33.68	36.00
5795MHz_TnomVnom	Pass	10.70	23.37	23.37	25.30	34.07	36.00
802.11ax_HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	10.70	15.34	15.34	25.30	26.04	36.00
5775MHz_TnomVnom	Pass	10.70	19.57	19.57	25.30	30.27	36.00

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



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

Appendix C.12

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.32	0.13552	32.02	1.59221
802.11ac VHT20_Nss2,(MCS0)_2TX	24.24	0.26546	34.94	3.11889
802.11ac VHT40_Nss2,(MCS0)_2TX	23.73	0.23605	34.43	2.77332
802.11ac VHT80_Nss2,(MCS0)_2TX	17.00	0.05012	27.70	0.58884
802.11ax HEW20_Nss2,(MCS0)_2TX	24.30	0.26915	35.00	3.16228
802.11ax HEW40_Nss2,(MCS0)_2TX	23.86	0.24322	34.56	2.85759
802.11ax HEW80_Nss2,(MCS0)_2TX	17.19	0.05236	27.89	0.61518
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	24.60	0.28840	35.30	3.38844
802.11ac VHT20_Nss2,(MCS0)_2TX	24.46	0.27925	35.16	3.28095
802.11ac VHT40_Nss2,(MCS0)_2TX	24.51	0.28249	35.21	3.31894
802.11ac VHT80_Nss2,(MCS0)_2TX	22.33	0.17100	33.03	2.00909
802.11ax HEW20_Nss2,(MCS0)_2TX	24.69	0.29444	35.39	3.45939
802.11ax HEW40_Nss2,(MCS0)_2TX	24.58	0.28708	35.28	3.37287
802.11ax HEW80_Nss2,(MCS0)_2TX	22.48	0.17701	33.18	2.07970

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	-	-	-	-	-	-	-	-
5180MHz	Pass	10.70	17.09	17.23	20.17	25.30	30.87	36.00
5200MHz	Pass	10.70	18.41	18.21	21.32	25.30	32.02	36.00
5240MHz	Pass	10.70	18.15	18.01	21.09	25.30	31.79	36.00
5745MHz	Pass	10.70	21.58	21.59	24.60	25.30	35.30	36.00
5785MHz	Pass	10.70	21.68	21.46	24.58	25.30	35.28	36.00
5825MHz	Pass	10.70	21.31	21.47	24.40	25.30	35.10	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	10.70	17.17	16.90	20.05	25.30	30.75	36.00
5200MHz	Pass	10.70	21.25	21.05	24.16	25.30	34.86	36.00
5240MHz	Pass	10.70	21.30	21.16	24.24	25.30	34.94	36.00
5745MHz	Pass	10.70	21.40	21.43	24.43	25.30	35.13	36.00
5785MHz	Pass	10.70	21.58	21.32	24.46	25.30	35.16	36.00
5825MHz	Pass	10.70	21.34	21.40	24.38	25.30	35.08	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	10.70	14.40	14.69	17.56	25.30	28.26	36.00
5230MHz	Pass	10.70	20.75	20.69	23.73	25.30	34.43	36.00
5755MHz	Pass	10.70	21.28	20.91	24.11	25.30	34.81	36.00
5795MHz	Pass	10.70	21.52	21.48	24.51	25.30	35.21	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	10.70	13.93	14.04	17.00	25.30	27.70	36.00
5775MHz	Pass	10.70	19.30	19.33	22.33	25.30	33.03	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	10.70	17.33	17.33	20.34	25.30	31.04	36.00
5200MHz	Pass	10.70	21.30	21.07	24.20	25.30	34.90	36.00
5240MHz	Pass	10.70	21.47	21.10	24.30	25.30	35.00	36.00
5745MHz	Pass	10.70	21.66	21.69	24.69	25.30	35.39	36.00
5785MHz	Pass	10.70	21.64	21.43	24.55	25.30	35.25	36.00
5825MHz	Pass	10.70	21.43	21.49	24.47	25.30	35.17	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	10.70	14.48	14.83	17.67	25.30	28.37	36.00
5230MHz	Pass	10.70	20.74	20.95	23.86	25.30	34.56	36.00
5755MHz	Pass	10.70	21.34	21.26	24.31	25.30	35.01	36.00
5795MHz	Pass	10.70	21.57	21.56	24.58	25.30	35.28	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	10.70	14.01	14.35	17.19	25.30	27.89	36.00
5775MHz	Pass	10.70	19.53	19.41	22.48	25.30	33.18	36.00

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

**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	25.80	0.38019	33.93	2.47172
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	22.83	0.19187	30.96	1.24738
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	17.77	0.05984	25.90	0.38905
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	26.24	0.42073	34.37	2.73527
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	22.85	0.19275	30.98	1.25314
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	18.17	0.06561	26.30	0.42658
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	27.05	0.50699	35.18	3.29610
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	26.28	0.42462	34.41	2.76058
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	23.74	0.23659	31.87	1.53815
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	27.22	0.52723	35.35	3.42768
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	26.29	0.42560	34.42	2.76694
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	23.87	0.24378	32.00	1.58489



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	-	-	-	-	-	-	-	-
5180MHz	Pass	8.13	19.33	18.87	22.12	27.87	30.25	36.00
5200MHz	Pass	8.13	23.16	22.38	25.80	27.87	33.93	36.00
5240MHz	Pass	8.13	20.31	20.21	23.27	27.87	31.40	36.00
5745MHz	Pass	8.13	21.68	21.09	24.41	27.87	32.54	36.00
5785MHz	Pass	8.13	24.16	23.90	27.04	27.87	35.17	36.00
5825MHz	Pass	8.13	24.16	23.92	27.05	27.87	35.18	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.13	16.27	16.68	19.49	27.87	27.62	36.00
5230MHz	Pass	8.13	19.61	20.02	22.83	27.87	30.96	36.00
5755MHz	Pass	8.13	22.34	21.88	25.13	27.87	33.26	36.00
5795MHz	Pass	8.13	23.64	22.87	26.28	27.87	34.41	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.13	14.69	14.82	17.77	27.87	25.90	36.00
5775MHz	Pass	8.13	20.73	20.72	23.74	27.87	31.87	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.13	19.66	19.47	22.58	27.87	30.71	36.00
5200MHz	Pass	8.13	23.53	22.90	26.24	27.87	34.37	36.00
5240MHz	Pass	8.13	20.88	20.56	23.73	27.87	31.86	36.00
5745MHz	Pass	8.13	21.66	21.53	24.61	27.87	32.74	36.00
5785MHz	Pass	8.13	24.35	24.06	27.22	27.87	35.35	36.00
5825MHz	Pass	8.13	24.28	24.13	27.22	27.87	35.35	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.13	16.44	16.78	19.62	27.87	27.75	36.00
5230MHz	Pass	8.13	19.89	19.79	22.85	27.87	30.98	36.00
5755MHz	Pass	8.13	22.45	22.65	25.56	27.87	33.69	36.00
5795MHz	Pass	8.13	23.47	23.09	26.29	27.87	34.42	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.13	15.10	15.22	18.17	27.87	26.30	36.00
5775MHz	Pass	8.13	20.77	20.95	23.87	27.87	32.00	36.00

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

**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	24.74	0.29785	32.53	1.79061
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	23.00	0.19953	30.79	1.19950
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	19.43	0.08770	27.22	0.52723
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	24.90	0.30903	32.69	1.85780
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.13	0.20559	30.92	1.23595
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	19.67	0.09268	27.46	0.55719
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	25.52	0.35645	33.31	2.14289
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	26.12	0.40926	33.91	2.46037
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	23.59	0.22856	31.38	1.37404
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	25.79	0.37931	33.58	2.28034
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	26.16	0.41305	33.95	2.48313
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	24.25	0.26607	32.04	1.59956

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	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	7.79	17.73	17.84	20.80	28.21	28.59	36.00
5200MHz_TnomVnom	Pass	7.79	21.68	21.77	24.74	28.21	32.53	36.00
5240MHz_TnomVnom	Pass	7.79	20.69	20.68	23.70	28.21	31.49	36.00
5745MHz_TnomVnom	Pass	7.79	22.45	22.50	25.49	28.21	33.28	36.00
5785MHz_TnomVnom	Pass	7.79	22.38	22.64	25.52	28.21	33.31	36.00
5825MHz_TnomVnom	Pass	7.79	18.41	18.15	21.29	28.21	29.08	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	7.79	16.41	16.74	19.59	28.21	27.38	36.00
5230MHz_TnomVnom	Pass	7.79	19.54	20.40	23.00	28.21	30.79	36.00
5755MHz_TnomVnom	Pass	7.79	22.30	21.68	25.01	28.21	32.80	36.00
5795MHz_TnomVnom	Pass	7.79	23.17	23.05	26.12	28.21	33.91	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	7.79	16.42	16.41	19.43	28.21	27.22	36.00
5775MHz_TnomVnom	Pass	7.79	19.96	21.12	23.59	28.21	31.38	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	7.79	18.61	18.38	21.51	28.21	29.30	36.00
5200MHz_TnomVnom	Pass	7.79	22.00	21.77	24.90	28.21	32.69	36.00
5240MHz_TnomVnom	Pass	7.79	21.07	21.32	24.21	28.21	32.00	36.00
5745MHz_TnomVnom	Pass	7.79	22.40	23.12	25.79	28.21	33.58	36.00
5785MHz_TnomVnom	Pass	7.79	22.42	22.72	25.58	28.21	33.37	36.00
5825MHz_TnomVnom	Pass	7.79	18.43	18.22	21.34	28.21	29.13	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	7.79	16.62	16.60	19.62	28.21	27.41	36.00
5230MHz_TnomVnom	Pass	7.79	19.78	20.44	23.13	28.21	30.92	36.00
5755MHz_TnomVnom	Pass	7.79	22.16	21.94	25.06	28.21	32.85	36.00
5795MHz_TnomVnom	Pass	7.79	23.14	23.15	26.16	28.21	33.95	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	7.79	16.64	16.68	19.67	28.21	27.46	36.00
5775MHz_TnomVnom	Pass	7.79	21.09	21.39	24.25	28.21	32.04	36.00

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



Average Power_Beamforming_Sample 2_Radio 1_Omni_2T1S Appendix C.15

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	23.29	0.21330	34.30	2.69153
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.14	0.13002	32.15	1.64059
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	16.10	0.04074	27.11	0.51404
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.72	0.23550	34.73	2.97167
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.20	0.13183	32.21	1.66341
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	16.18	0.04150	27.19	0.52360
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	24.18	0.26182	35.19	3.30370
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	23.68	0.23335	34.69	2.94442
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	20.30	0.10715	31.31	1.35207
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	24.38	0.27416	35.39	3.45939
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.85	0.24266	34.86	3.06196
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.65	0.11614	31.66	1.46555



Average Power_Beamforming_Sample 2_Radio 1_Omni_2T1S Appendix C.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	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	11.01	16.43	16.04	19.25	24.99	30.26	36.00
5200MHz_TnomVnom	Pass	11.01	19.32	18.74	22.05	24.99	33.06	36.00
5240MHz_TnomVnom	Pass	11.01	20.56	19.97	23.29	24.99	34.30	36.00
5745MHz_TnomVnom	Pass	11.01	21.27	21.02	24.16	24.99	35.17	36.00
5785MHz_TnomVnom	Pass	11.01	21.13	20.91	24.03	24.99	35.04	36.00
5825MHz_TnomVnom	Pass	11.01	21.33	21.01	24.18	24.99	35.19	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	11.01	13.65	13.77	16.72	24.99	27.73	36.00
5230MHz_TnomVnom	Pass	11.01	18.19	18.06	21.14	24.99	32.15	36.00
5755MHz_TnomVnom	Pass	11.01	20.37	20.19	23.29	24.99	34.30	36.00
5795MHz_TnomVnom	Pass	11.01	20.87	20.47	23.68	24.99	34.69	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	11.01	13.06	13.12	16.10	24.99	27.11	36.00
5775MHz_TnomVnom	Pass	11.01	17.26	17.32	20.30	24.99	31.31	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	11.01	16.48	16.02	19.27	24.99	30.28	36.00
5200MHz_TnomVnom	Pass	11.01	19.45	19.43	22.45	24.99	33.46	36.00
5240MHz_TnomVnom	Pass	11.01	20.89	20.52	23.72	24.99	34.73	36.00
5745MHz_TnomVnom	Pass	11.01	21.27	21.31	24.30	24.99	35.31	36.00
5785MHz_TnomVnom	Pass	11.01	21.49	21.24	24.38	24.99	35.39	36.00
5825MHz_TnomVnom	Pass	11.01	21.48	21.12	24.31	24.99	35.32	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	11.01	13.78	14.15	16.98	24.99	27.99	36.00
5230MHz_TnomVnom	Pass	11.01	18.33	18.04	21.20	24.99	32.21	36.00
5755MHz_TnomVnom	Pass	11.01	20.68	20.28	23.49	24.99	34.50	36.00
5795MHz_TnomVnom	Pass	11.01	21.00	20.68	23.85	24.99	34.86	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	11.01	13.02	13.31	16.18	24.99	27.19	36.00
5775MHz_TnomVnom	Pass	11.01	17.71	17.56	20.65	24.99	31.66	36.00

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



Average Power_Beamforming_Sample 2_Radio 1_Panel 1_2T1S

Appendix C.16

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.53	0.14223	35.24	3.34195
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.66	0.14655	35.37	3.44350
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	16.39	0.04355	30.10	1.02329
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.75	0.14962	35.46	3.51560
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.69	0.14757	35.40	3.46737
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	16.51	0.04477	30.22	1.05196
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.56	0.14322	35.27	3.36512
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.49	0.14093	35.20	3.31131
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	20.64	0.11588	34.35	2.72270
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.67	0.14689	35.38	3.45144
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.71	0.14825	35.42	3.48337
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.67	0.11668	34.38	2.74157

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	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	13.71	16.11	16.04	19.09	22.29	32.80	36.00
5200MHz_TnomVnom	Pass	13.71	18.53	18.50	21.53	22.29	35.24	36.00
5240MHz_TnomVnom	Pass	13.71	18.61	18.14	21.39	22.29	35.10	36.00
5745MHz_TnomVnom	Pass	13.71	18.89	18.18	21.56	22.29	35.27	36.00
5785MHz_TnomVnom	Pass	13.71	18.88	18.19	21.56	22.29	35.27	36.00
5825MHz_TnomVnom	Pass	13.71	18.65	18.21	21.45	22.29	35.16	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	13.71	13.37	13.61	16.50	22.29	30.21	36.00
5230MHz_TnomVnom	Pass	13.71	18.43	18.86	21.66	22.29	35.37	36.00
5755MHz_TnomVnom	Pass	13.71	18.45	18.44	21.46	22.29	35.17	36.00
5795MHz_TnomVnom	Pass	13.71	18.58	18.38	21.49	22.29	35.20	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	13.71	13.22	13.54	16.39	22.29	30.10	36.00
5775MHz_TnomVnom	Pass	13.71	17.47	17.78	20.64	22.29	34.35	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	13.71	16.17	16.31	19.25	22.29	32.96	36.00
5200MHz_TnomVnom	Pass	13.71	18.84	18.63	21.75	22.29	35.46	36.00
5240MHz_TnomVnom	Pass	13.71	18.90	18.37	21.65	22.29	35.36	36.00
5745MHz_TnomVnom	Pass	13.71	18.87	18.44	21.67	22.29	35.38	36.00
5785MHz_TnomVnom	Pass	13.71	18.76	18.56	21.67	22.29	35.38	36.00
5825MHz_TnomVnom	Pass	13.71	18.81	18.44	21.64	22.29	35.35	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	13.71	13.75	13.73	16.75	22.29	30.46	36.00
5230MHz_TnomVnom	Pass	13.71	18.50	18.85	21.69	22.29	35.40	36.00
5755MHz_TnomVnom	Pass	13.71	18.97	18.41	21.71	22.29	35.42	36.00
5795MHz_TnomVnom	Pass	13.71	18.83	18.52	21.69	22.29	35.40	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	13.71	13.48	13.51	16.51	22.29	30.22	36.00
5775MHz_TnomVnom	Pass	13.71	17.78	17.53	20.67	22.29	34.38	36.00

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



Average Power_Beamforming_Sample 2_Radio 2_Omni_2T1S Appendix C.17

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	24.07	0.25527	35.08	3.22107
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	22.61	0.18239	33.62	2.30144
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	18.73	0.07464	29.74	0.94189
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	24.17	0.26122	35.18	3.29610
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	22.72	0.18707	33.73	2.36048
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	18.92	0.07798	29.93	0.98401
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	24.01	0.25177	35.02	3.17687
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	24.35	0.27227	35.36	3.43558
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	20.80	0.12023	31.81	1.51705
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	24.34	0.27164	35.35	3.42768
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	24.40	0.27542	35.41	3.47536
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	21.30	0.13490	32.31	1.70216



Average Power_Beamforming_Sample 2_Radio 2_Omni_2T1S Appendix C.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	-	-	-	-	-	-	-	-
5180MHz	Pass	11.01	17.19	17.03	20.12	24.99	31.13	36.00
5200MHz	Pass	11.01	21.26	20.84	24.07	24.99	35.08	36.00
5240MHz	Pass	11.01	20.47	20.34	23.42	24.99	34.43	36.00
5745MHz	Pass	11.01	20.99	20.94	23.98	24.99	34.99	36.00
5785MHz	Pass	11.01	21.20	20.80	24.01	24.99	35.02	36.00
5825MHz	Pass	11.01	20.88	20.74	23.82	24.99	34.83	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	11.01	16.26	15.84	19.07	24.99	30.08	36.00
5230MHz	Pass	11.01	19.85	19.34	22.61	24.99	33.62	36.00
5755MHz	Pass	11.01	21.46	20.99	24.24	24.99	35.25	36.00
5795MHz	Pass	11.01	21.62	21.05	24.35	24.99	35.36	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	11.01	15.81	15.62	18.73	24.99	29.74	36.00
5775MHz	Pass	11.01	17.72	17.86	20.80	24.99	31.81	36.00
802.11ac HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.01	17.51	17.04	20.29	24.99	31.30	36.00
5200MHz	Pass	11.01	21.02	21.30	24.17	24.99	35.18	36.00
5240MHz	Pass	11.01	20.63	20.60	23.63	24.99	34.64	36.00
5745MHz	Pass	11.01	21.39	21.19	24.30	24.99	35.31	36.00
5785MHz	Pass	11.01	21.09	21.16	24.14	24.99	35.15	36.00
5825MHz	Pass	11.01	21.41	21.25	24.34	24.99	35.35	36.00
802.11ac HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	11.01	16.44	16.26	19.36	24.99	30.37	36.00
5230MHz	Pass	11.01	19.82	19.60	22.72	24.99	33.73	36.00
5755MHz	Pass	11.01	21.50	20.96	24.25	24.99	35.26	36.00
5795MHz	Pass	11.01	21.61	21.15	24.40	24.99	35.41	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	11.01	16.08	15.74	18.92	24.99	29.93	36.00
5775MHz	Pass	11.01	18.21	18.36	21.30	24.99	32.31	36.00

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



Average Power_Beamforming_Sample 2_Radio 2_Panel 1_2T1S

Appendix C.18

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.56	0.14322	35.27	3.36512
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.60	0.14454	35.31	3.39625
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	18.13	0.06501	31.84	1.52757
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.74	0.14928	35.45	3.50752
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.65	0.14622	35.36	3.43558
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	18.19	0.06592	31.90	1.54882
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.47	0.14028	35.18	3.29610
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.60	0.14454	35.31	3.39625
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	20.38	0.10914	34.09	2.56448
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.63	0.14555	35.34	3.41979
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.62	0.14521	35.33	3.41193
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.45	0.11092	34.16	2.60615

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	-	-	-	-	-	-	-	-
5180MHz	Pass	13.71	16.63	16.30	19.48	22.29	33.19	36.00
5200MHz	Pass	13.71	18.41	18.41	21.42	22.29	35.13	36.00
5240MHz	Pass	13.71	18.81	18.28	21.56	22.29	35.27	36.00
5745MHz	Pass	13.71	18.56	18.35	21.47	22.29	35.18	36.00
5785MHz	Pass	13.71	18.35	18.08	21.23	22.29	34.94	36.00
5825MHz	Pass	13.71	18.51	18.36	21.45	22.29	35.16	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	13.71	15.52	15.06	18.31	22.29	32.02	36.00
5230MHz	Pass	13.71	18.76	18.42	21.60	22.29	35.31	36.00
5755MHz	Pass	13.71	18.74	18.44	21.60	22.29	35.31	36.00
5795MHz	Pass	13.71	18.68	18.25	21.48	22.29	35.19	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	13.71	15.11	15.12	18.13	22.29	31.84	36.00
5775MHz	Pass	13.71	17.22	17.52	20.38	22.29	34.09	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	13.71	16.77	16.52	19.66	22.29	33.37	36.00
5200MHz	Pass	13.71	18.85	18.61	21.74	22.29	35.45	36.00
5240MHz	Pass	13.71	18.79	18.45	21.63	22.29	35.34	36.00
5745MHz	Pass	13.71	18.52	18.41	21.48	22.29	35.19	36.00
5785MHz	Pass	13.71	18.68	18.50	21.60	22.29	35.31	36.00
5825MHz	Pass	13.71	18.65	18.58	21.63	22.29	35.34	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	13.71	15.59	15.31	18.46	22.29	32.17	36.00
5230MHz	Pass	13.71	18.75	18.52	21.65	22.29	35.36	36.00
5755MHz	Pass	13.71	18.89	18.31	21.62	22.29	35.33	36.00
5795MHz	Pass	13.71	18.75	18.22	21.50	22.29	35.21	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	13.71	15.14	15.22	18.19	22.29	31.90	36.00
5775MHz	Pass	13.71	17.53	17.34	20.45	22.29	34.16	36.00

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

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	9.03	14.20
802.11ac VHT20_Nss1,(MCS0)_1TX	8.01	13.18
802.11ac VHT40_Nss1,(MCS0)_1TX	4.02	9.19
802.11ac VHT80_Nss1,(MCS0)_1TX	-3.01	2.16
802.11ax HEW20_Nss1,(MCS0)_1TX	7.83	13.00
802.11ax HEW40_Nss1,(MCS0)_1TX	4.09	9.26
802.11ax HEW80_Nss1,(MCS0)_1TX	-2.73	2.44
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	8.64	13.81
802.11ac VHT20_Nss1,(MCS0)_1TX	8.35	13.52
802.11ac VHT40_Nss1,(MCS0)_1TX	5.01	10.18
802.11ac VHT80_Nss1,(MCS0)_1TX	-0.38	4.79
802.11ax HEW20_Nss1,(MCS0)_1TX	8.25	13.42
802.11ax HEW40_Nss1,(MCS0)_1TX	4.88	10.05
802.11ax HEW80_Nss1,(MCS0)_1TX	-0.50	4.67

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	5.17	6.42	6.42	17.00	11.59	23.00
5200MHz	Pass	5.17	9.03	9.03	17.00	14.20	23.00
5240MHz	Pass	5.17	7.37	7.37	17.00	12.54	23.00
5745MHz	Pass	5.17	8.64	8.64	30.00	13.81	36.00
5785MHz	Pass	5.17	5.61	5.61	30.00	10.78	36.00
5825MHz	Pass	5.17	5.76	5.76	30.00	10.93	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	5.17	4.92	4.92	17.00	10.09	23.00
5200MHz	Pass	5.17	8.01	8.01	17.00	13.18	23.00
5240MHz	Pass	5.17	6.65	6.65	17.00	11.82	23.00
5745MHz	Pass	5.17	8.35	8.35	30.00	13.52	36.00
5785MHz	Pass	5.17	5.73	5.73	30.00	10.90	36.00
5825MHz	Pass	5.17	6.48	6.48	30.00	11.65	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	5.17	0.54	0.54	17.00	5.71	23.00
5230MHz	Pass	5.17	4.02	4.02	17.00	9.19	23.00
5755MHz	Pass	5.17	4.48	4.48	30.00	9.65	36.00
5795MHz	Pass	5.17	5.01	5.01	30.00	10.18	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	5.17	-3.01	-3.01	17.00	2.16	23.00
5775MHz	Pass	5.17	-0.38	-0.38	30.00	4.79	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	5.17	4.92	4.92	17.00	10.09	23.00
5200MHz	Pass	5.17	7.83	7.83	17.00	13.00	23.00
5240MHz	Pass	5.17	6.72	6.72	17.00	11.89	23.00
5745MHz	Pass	5.17	8.25	8.25	30.00	13.42	36.00
5785MHz	Pass	5.17	5.55	5.55	30.00	10.72	36.00
5825MHz	Pass	5.17	6.43	6.43	30.00	11.60	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	5.17	0.57	0.57	17.00	5.74	23.00
5230MHz	Pass	5.17	4.09	4.09	17.00	9.26	23.00
5755MHz	Pass	5.17	4.17	4.17	30.00	9.34	36.00
5795MHz	Pass	5.17	4.88	4.88	30.00	10.05	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	5.17	-2.73	-2.73	17.00	2.44	23.00
5775MHz	Pass	5.17	-0.50	-0.50	30.00	4.67	36.00

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

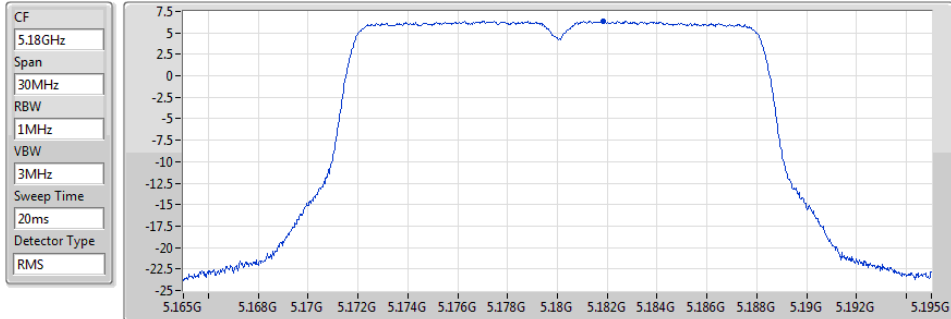
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5180MHz

18/12/2019



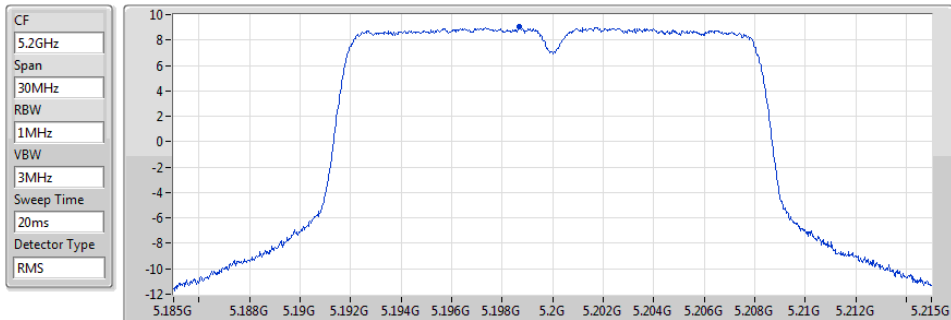
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.42	6.42	6.42

802.11a_Nss1,(6Mbps)_1TX

PSD

5200MHz

18/12/2019



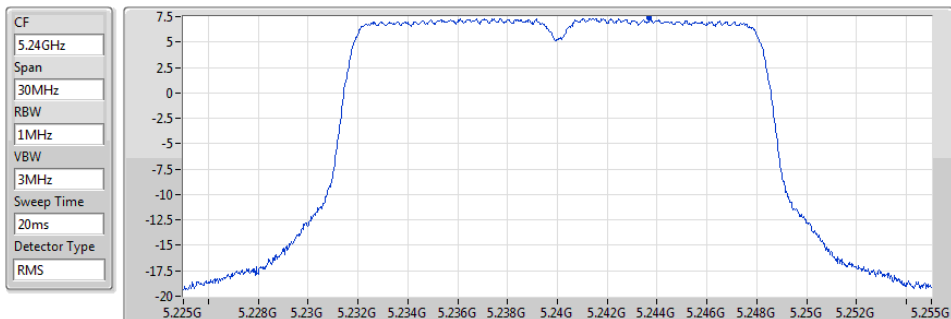
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.03	9.03	9.03

802.11a_Nss1,(6Mbps)_1TX

PSD

5240MHz

18/12/2019



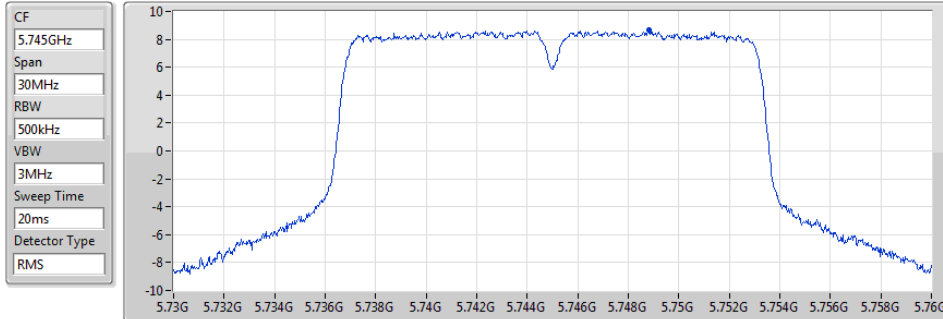
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.37	7.37	7.37

802.11a_Nss1,(6Mbps)_1TX

PSD

5745MHz

18/12/2019



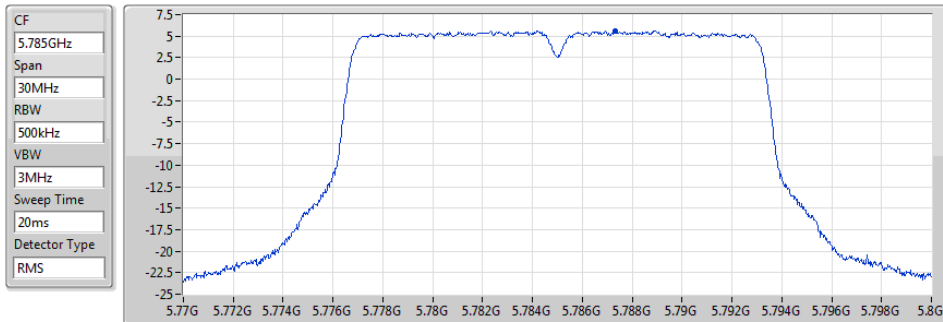
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.64	8.64	8.64

802.11a_Nss1,(6Mbps)_1TX

PSD

5785MHz

18/12/2019



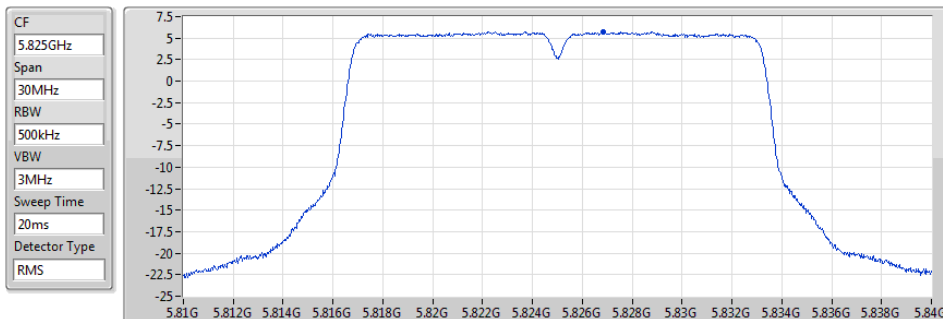
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.61	5.61	5.61

802.11a_Nss1,(6Mbps)_1TX

PSD

5825MHz

18/12/2019



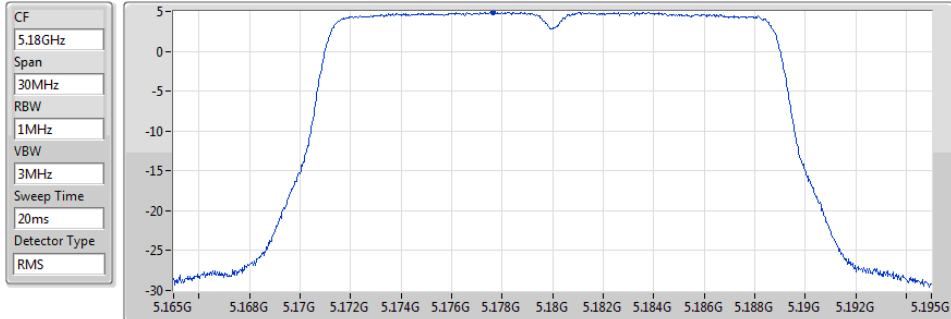
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.76	5.76	5.76

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5180MHz

18/12/2019



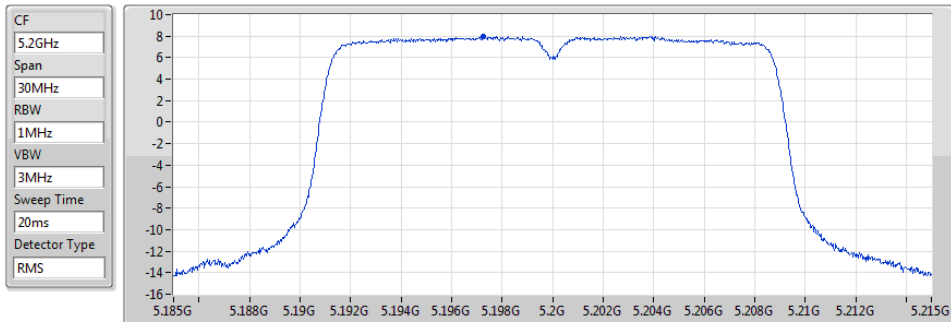
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.92	4.92	4.92

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5200MHz

18/12/2019



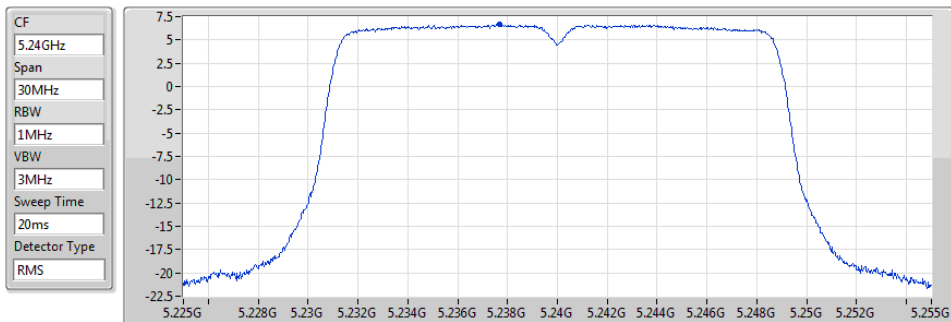
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.01	8.01	8.01

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5240MHz

18/12/2019



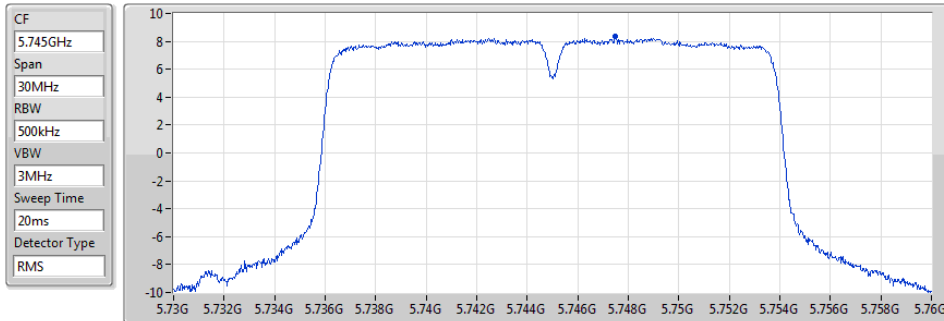
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.65	6.65	6.65

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5745MHz

18/12/2019



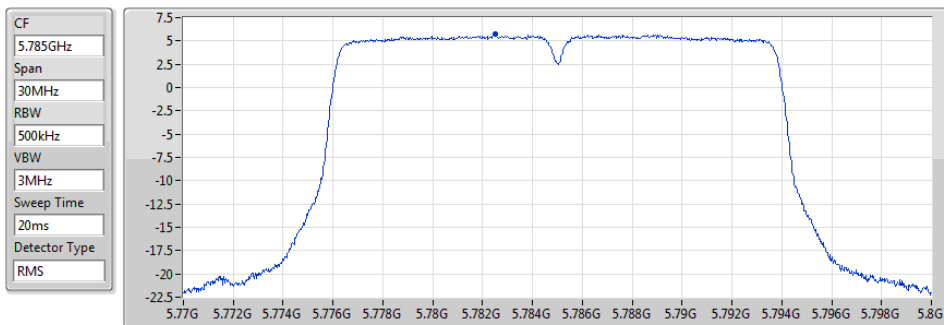
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.35	8.35	8.35

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5785MHz

18/12/2019



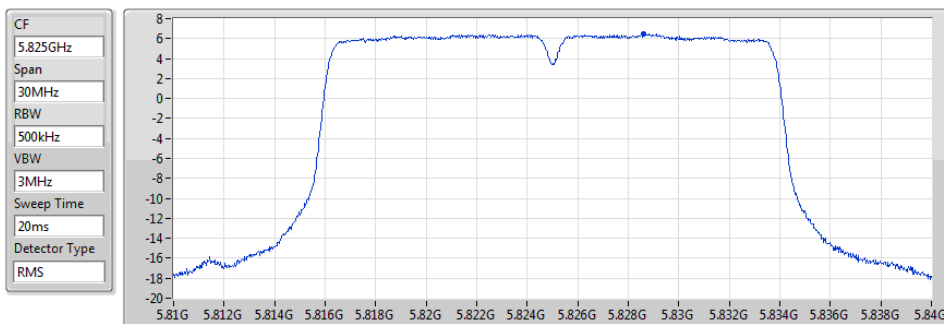
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.73	5.73	5.73

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5825MHz

18/12/2019



Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.48	6.48	6.48

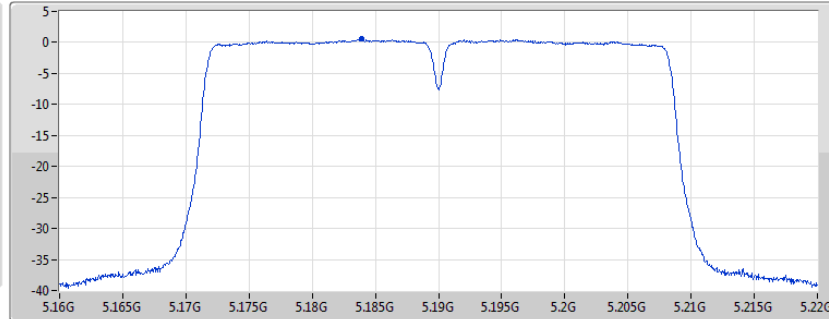
802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5190MHz

18/12/2019

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.54	0.54	0.54

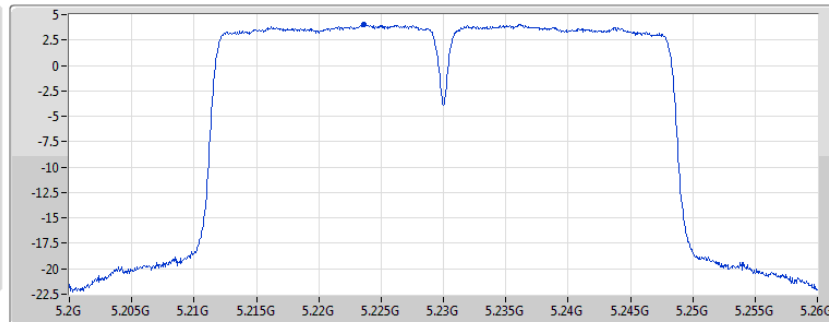
802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5230MHz

18/12/2019

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.02	4.02	4.02

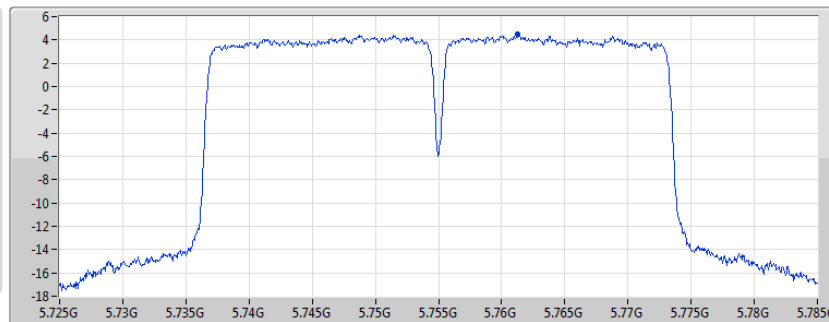
802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5755MHz

18/12/2019

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



Port 1

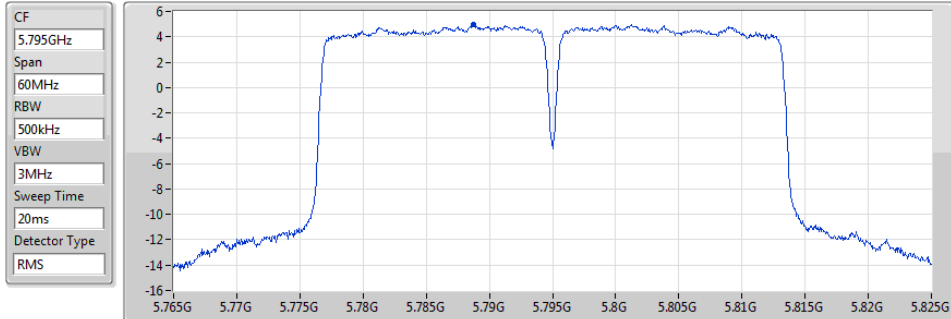
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.48	4.48	4.48

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5795MHz

18/12/2019



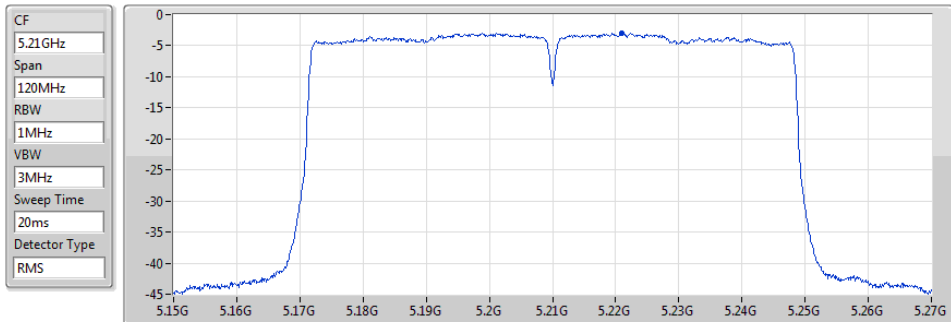
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.01	5.01	5.01

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5210MHz

18/12/2019



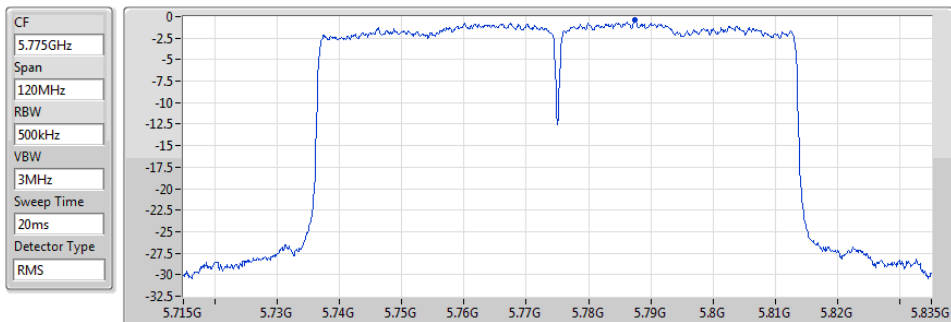
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.01	-3.01	-3.01

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5775MHz

18/12/2019



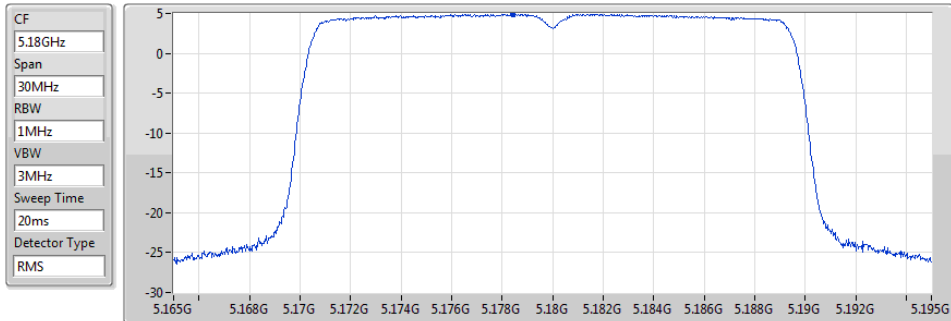
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.38	-0.38	-0.38

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5180MHz

18/12/2019



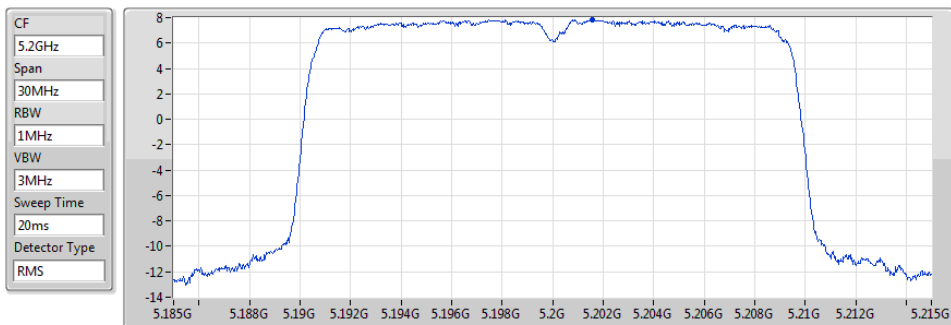
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.92	4.92	4.92

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5200MHz

18/12/2019



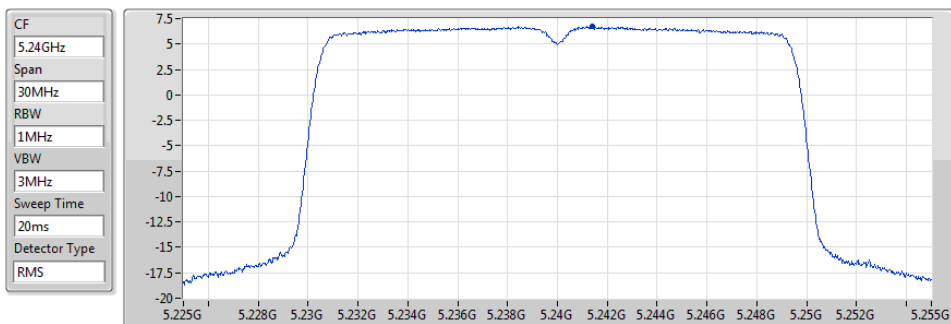
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.83	7.83	7.83

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5240MHz

18/12/2019



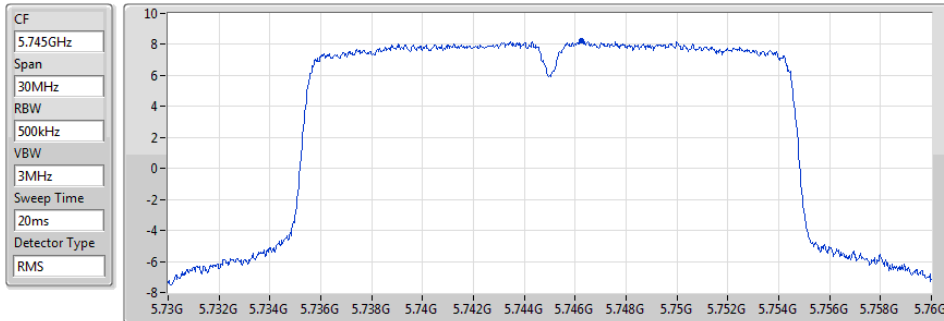
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.72	6.72	6.72

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5745MHz

18/12/2019

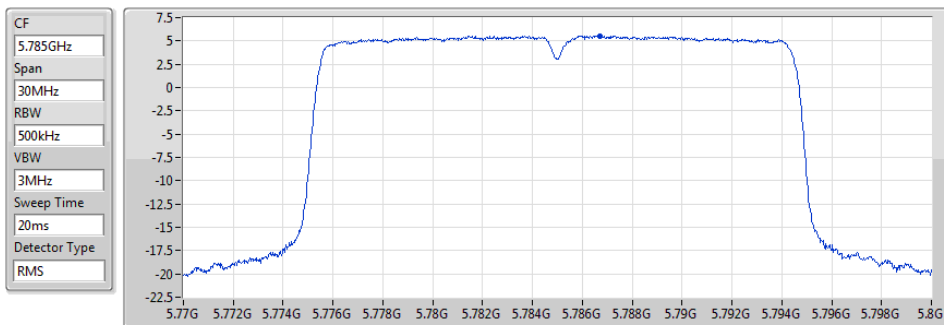


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5785MHz

18/12/2019

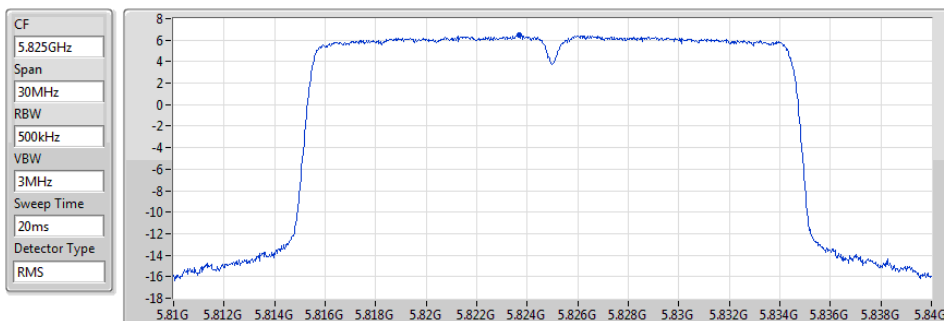


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5825MHz

18/12/2019



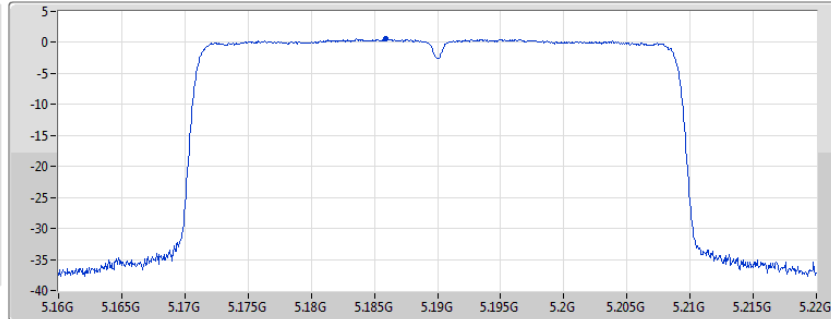
802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5190MHz

18/12/2019

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.57	0.57	0.57

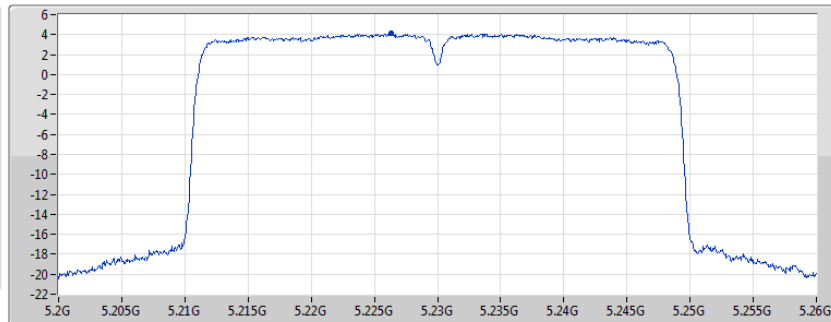
802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5230MHz

18/12/2019

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.09	4.09	4.09

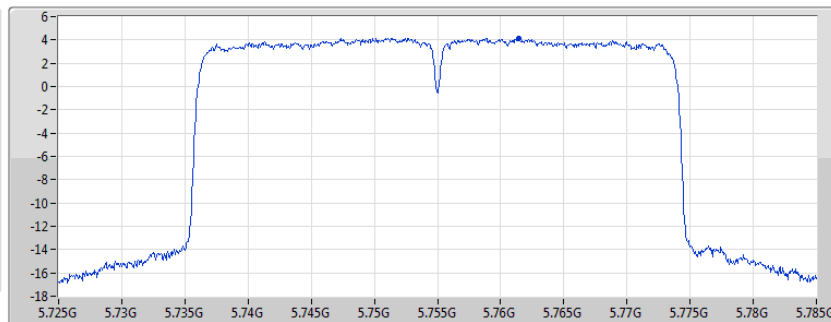
802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5755MHz

18/12/2019

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.17	4.17	4.17

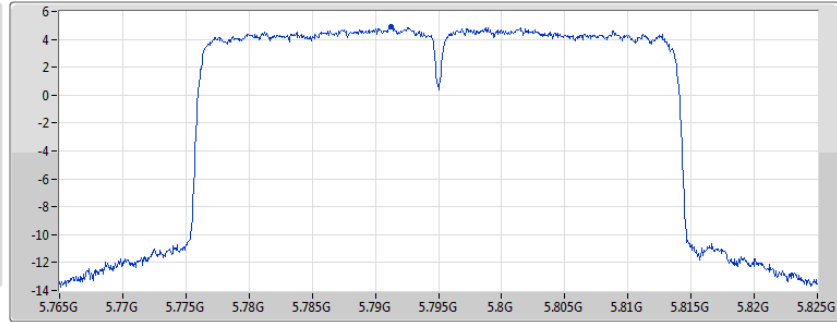
802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5795MHz

18/12/2019

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



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.88	4.88	4.88

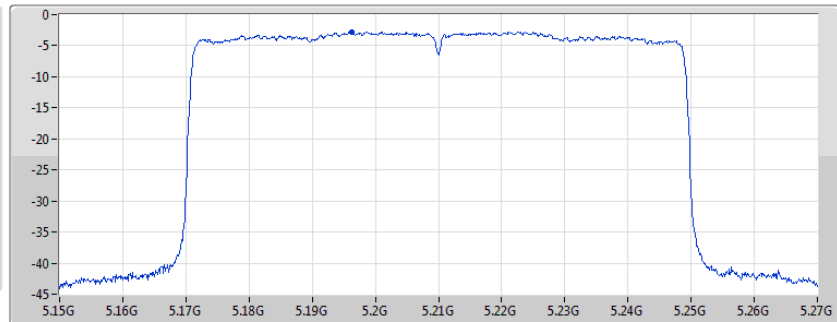
802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5210MHz

18/12/2019

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



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.73	-2.73	-2.73

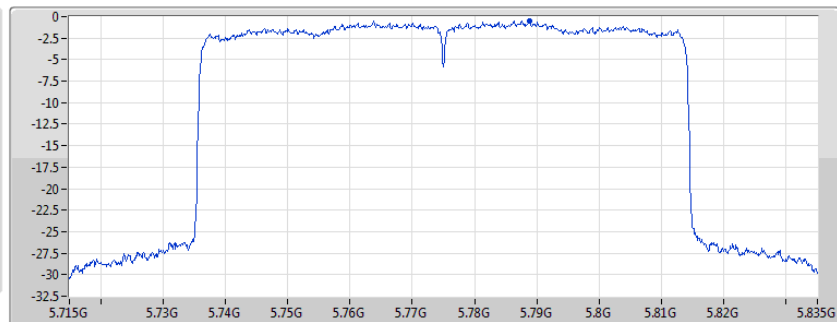
802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5775MHz

18/12/2019

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



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.50	-0.50	-0.50

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	11.68	19.81
802.11ac VHT20_Nss2,(MCS0)_2TX	11.14	16.26
802.11ac VHT40_Nss2,(MCS0)_2TX	6.93	12.05
802.11ac VHT80_Nss2,(MCS0)_2TX	0.23	5.35
802.11ax HEW20_Nss2,(MCS0)_2TX	11.02	16.14
802.11ax HEW40_Nss2,(MCS0)_2TX	7.17	12.29
802.11ax HEW80_Nss2,(MCS0)_2TX	0.31	5.43
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	12.03	20.16
802.11ac VHT20_Nss2,(MCS0)_2TX	11.29	16.41
802.11ac VHT40_Nss2,(MCS0)_2TX	8.06	13.18
802.11ac VHT80_Nss2,(MCS0)_2TX	3.51	8.63
802.11ax HEW20_Nss2,(MCS0)_2TX	11.26	16.38
802.11ax HEW40_Nss2,(MCS0)_2TX	7.78	12.90
802.11ax HEW80_Nss2,(MCS0)_2TX	3.53	8.65

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.13	5.54	5.13	8.30	14.87	16.43	23.00
5200MHz	Pass	8.13	9.04	8.36	11.68	14.87	19.81	23.00
5240MHz	Pass	8.13	6.53	5.64	9.11	14.87	17.24	23.00
5745MHz	Pass	8.13	9.07	9.07	12.03	27.87	20.16	36.00
5785MHz	Pass	8.13	5.74	5.50	8.60	27.87	16.73	36.00
5825MHz	Pass	8.13	6.32	5.83	9.04	27.87	17.17	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.12	5.08	4.83	7.89	17.00	13.01	23.00
5200MHz	Pass	5.12	8.40	8.05	11.14	17.00	16.26	23.00
5240MHz	Pass	5.12	7.21	6.72	9.88	17.00	15.00	23.00
5745MHz	Pass	5.12	8.42	8.54	11.29	30.00	16.41	36.00
5785MHz	Pass	5.12	6.61	6.42	9.48	30.00	14.60	36.00
5825MHz	Pass	5.12	6.90	6.80	9.75	30.00	14.87	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.12	-0.36	-0.33	2.55	17.00	7.67	23.00
5230MHz	Pass	5.12	4.14	3.96	6.93	17.00	12.05	23.00
5755MHz	Pass	5.12	4.59	4.50	7.45	30.00	12.57	36.00
5795MHz	Pass	5.12	5.07	5.15	8.06	30.00	13.18	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.12	-2.45	-2.93	0.23	17.00	5.35	23.00
5775MHz	Pass	5.12	0.63	0.56	3.51	30.00	8.63	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.12	4.88	4.68	7.75	17.00	12.87	23.00
5200MHz	Pass	5.12	8.22	7.79	11.02	17.00	16.14	23.00
5240MHz	Pass	5.12	7.26	6.77	10.02	17.00	15.14	23.00
5745MHz	Pass	5.12	8.35	8.33	11.26	30.00	16.38	36.00
5785MHz	Pass	5.12	6.33	6.00	9.13	30.00	14.25	36.00
5825MHz	Pass	5.12	6.74	6.49	9.54	30.00	14.66	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.12	-0.28	-0.37	2.55	17.00	7.67	23.00
5230MHz	Pass	5.12	4.43	4.06	7.17	17.00	12.29	23.00
5755MHz	Pass	5.12	4.59	4.35	7.44	30.00	12.56	36.00
5795MHz	Pass	5.12	4.90	4.83	7.78	30.00	12.90	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.12	-2.40	-2.64	0.31	17.00	5.43	23.00
5775MHz	Pass	5.12	0.54	0.62	3.53	30.00	8.65	36.00

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

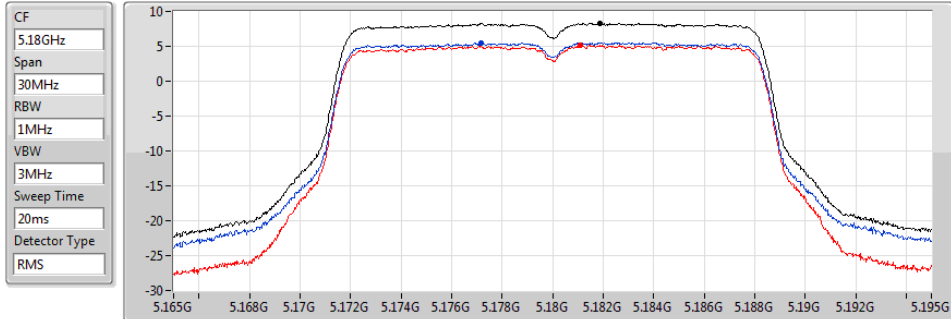
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

17/12/2019



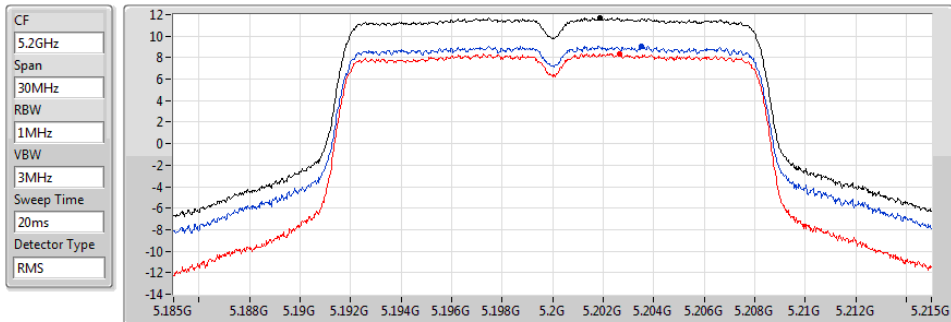
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.30	8.30	5.54	5.13

802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

17/12/2019



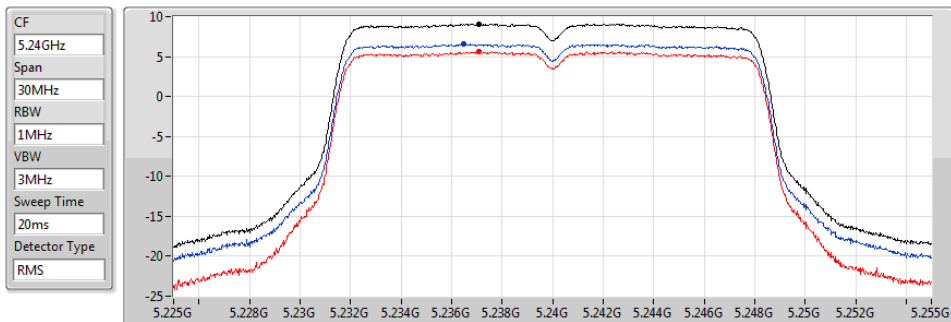
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.68	11.68	9.04	8.36

802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

17/12/2019



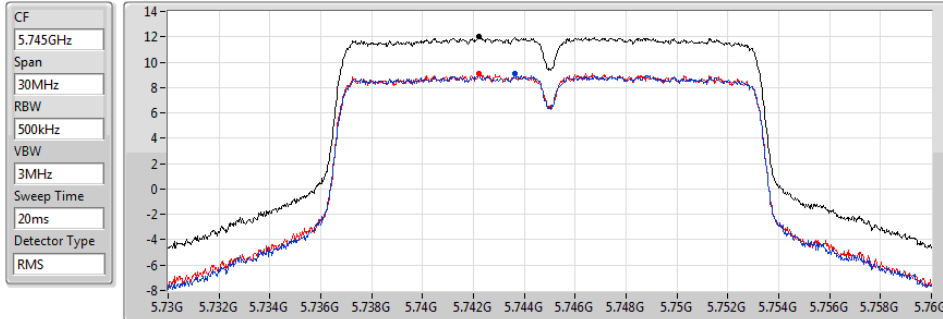
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.11	9.11	6.53	5.64

802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

17/12/2019



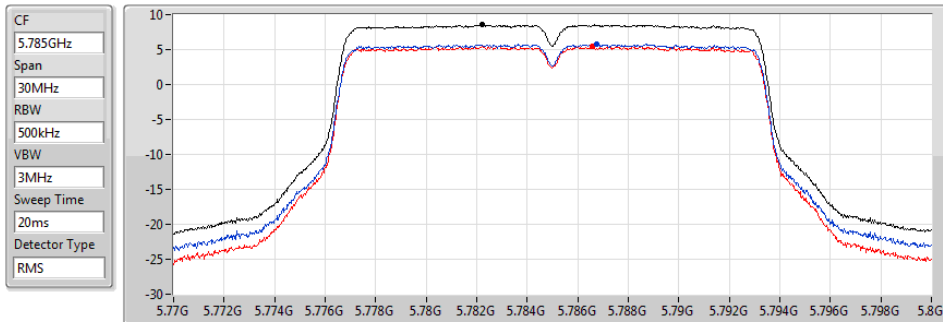
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
12.03	12.03	9.07	9.07

802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

17/12/2019



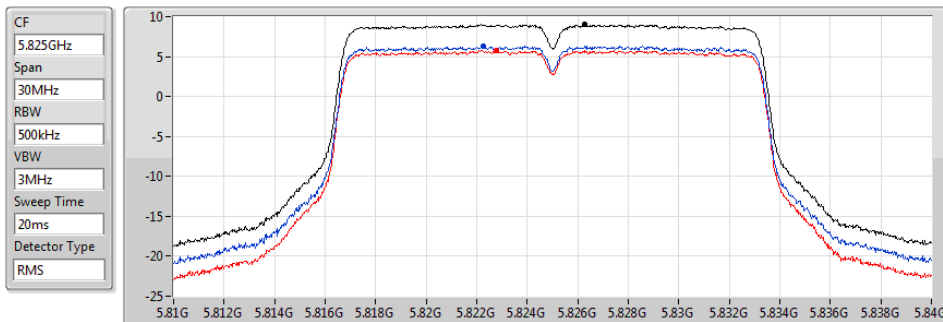
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
8.60	8.60	5.74	5.50

802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

17/12/2019



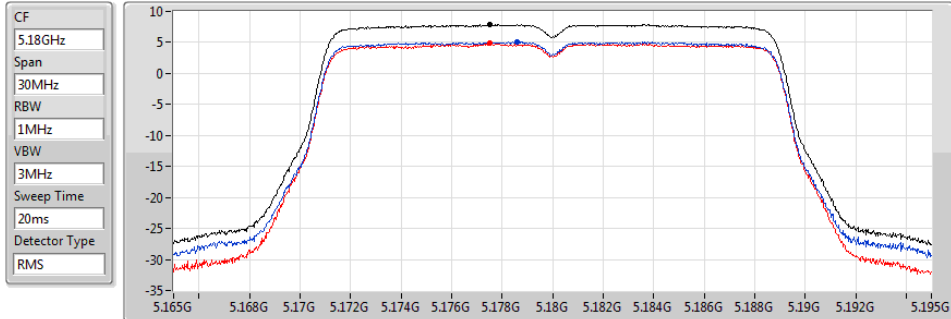
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
9.04	9.04	6.32	5.83

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5180MHz

17/12/2019



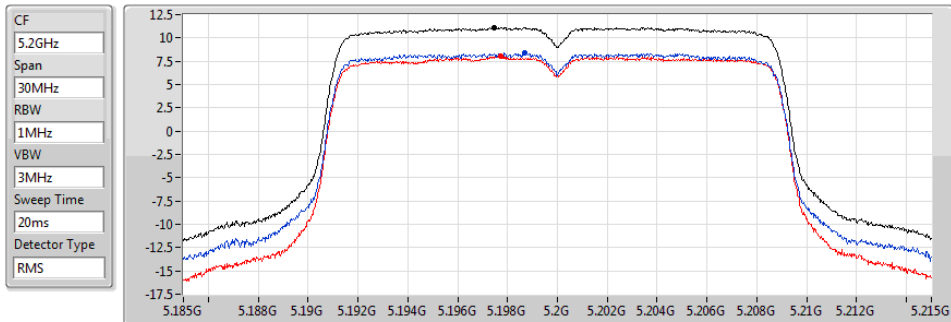
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.89	7.89	5.08	4.83

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5200MHz

17/12/2019



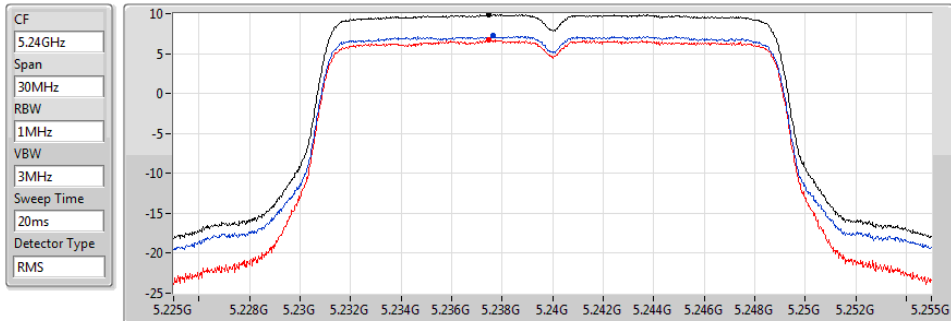
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.14	11.14	8.40	8.05

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5240MHz

17/12/2019



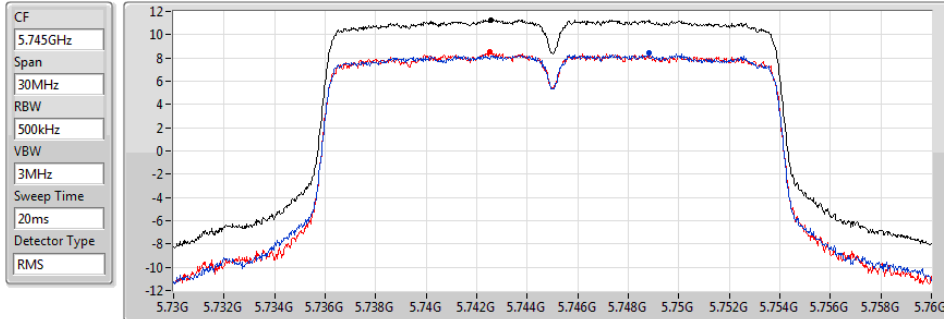
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.88	9.88	7.21	6.72

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5745MHz

17/12/2019



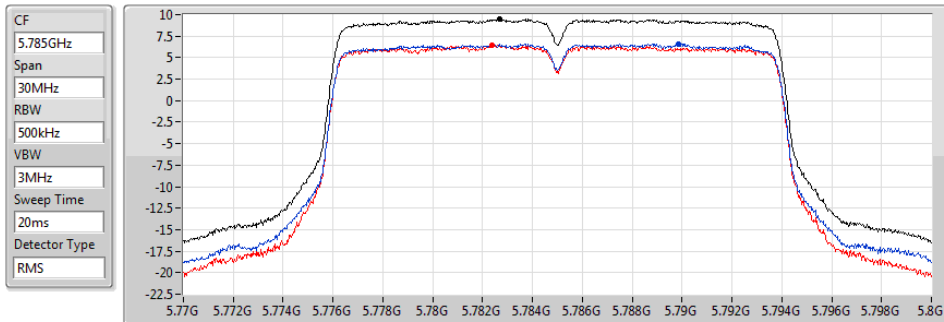
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.29	11.29	8.42	8.54

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5785MHz

17/12/2019



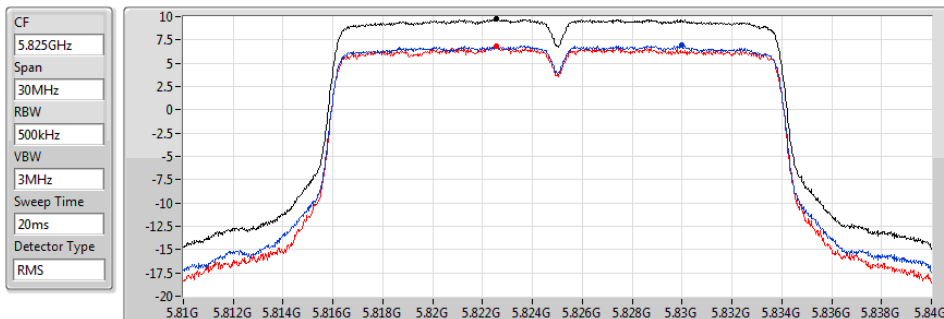
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.48	9.48	6.61	6.42

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5825MHz

17/12/2019



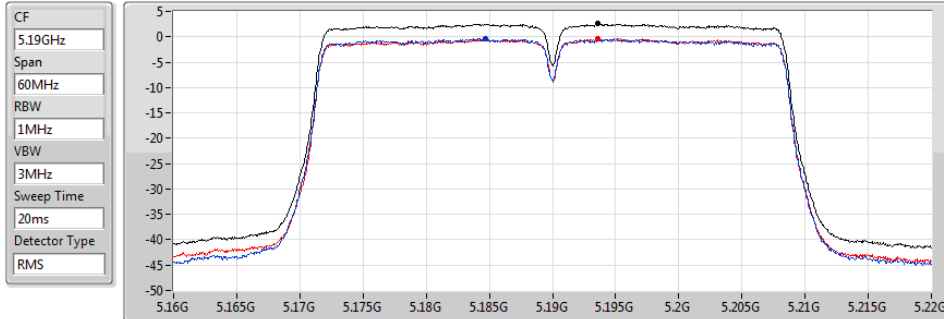
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.75	9.75	6.90	6.80

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5190MHz

17/12/2019



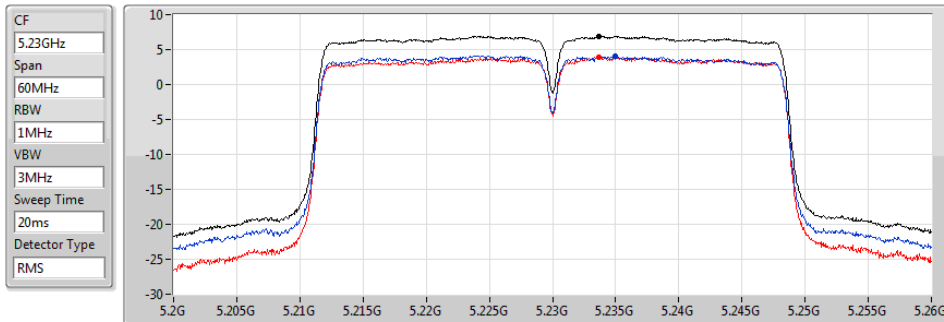
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.55	2.55	-0.36	-0.33

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5230MHz

17/12/2019



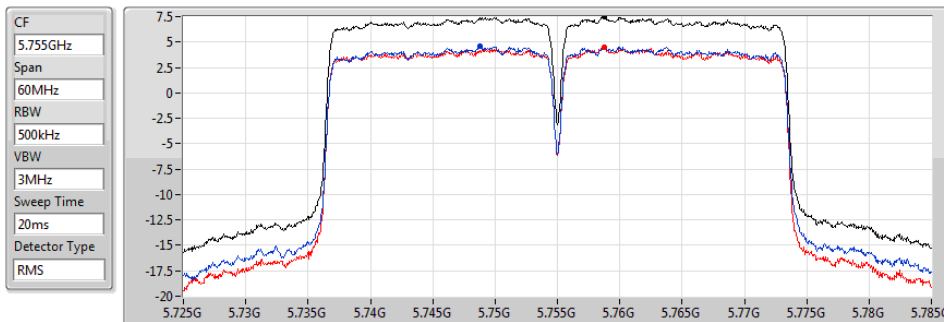
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.93	6.93	4.14	3.96

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5755MHz

17/12/2019



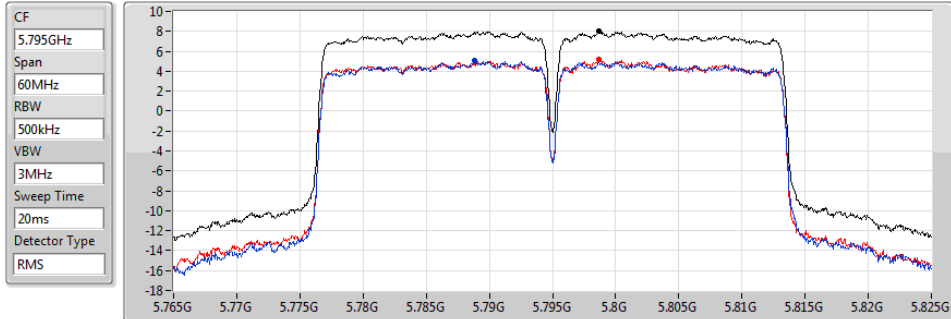
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.45	7.45	4.59	4.50

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5795MHz

17/12/2019



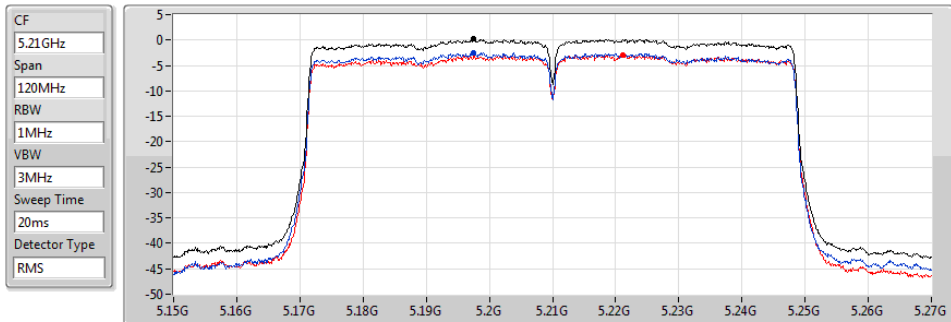
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.06	8.06	5.07	5.15

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5210MHz

17/12/2019



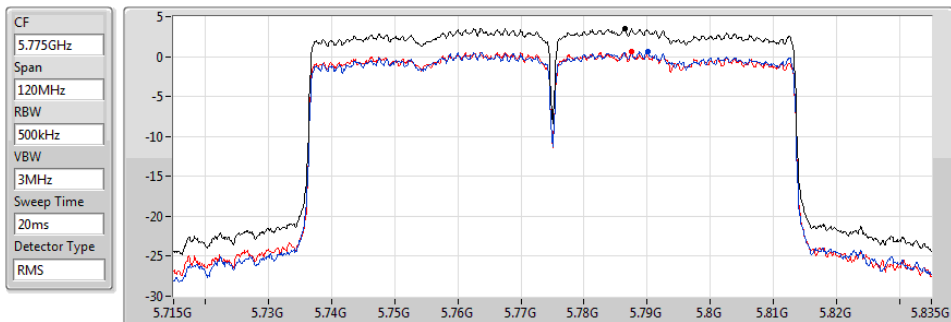
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.23	0.23	-2.45	-2.93

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5775MHz

17/12/2019



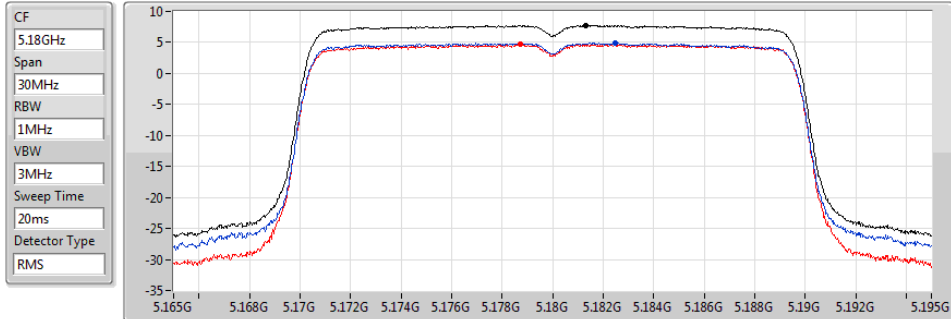
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.51	3.51	0.63	0.56

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5180MHz

17/12/2019



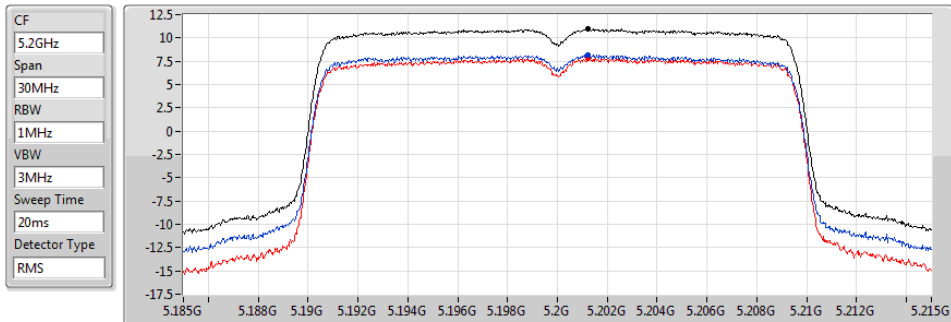
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.75	7.75	4.88	4.68

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5200MHz

17/12/2019



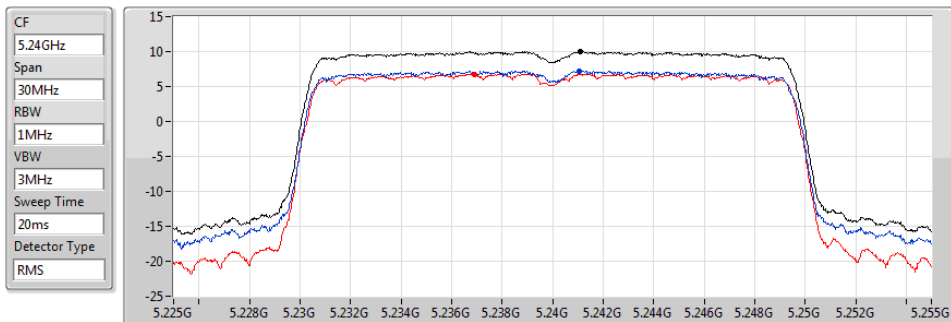
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.02	11.02	8.22	7.79

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5240MHz

17/12/2019



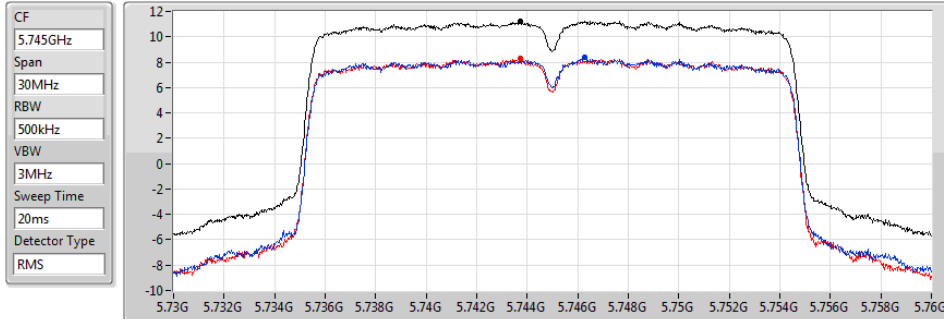
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.02	10.02	7.26	6.77

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5745MHz

17/12/2019



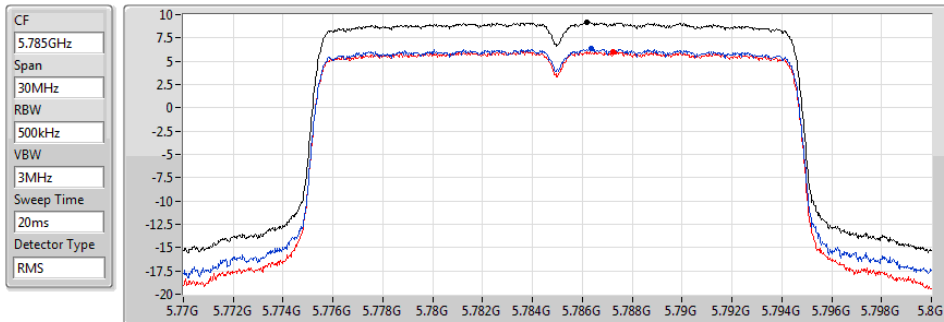
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.26	11.26	8.35	8.33

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5785MHz

17/12/2019



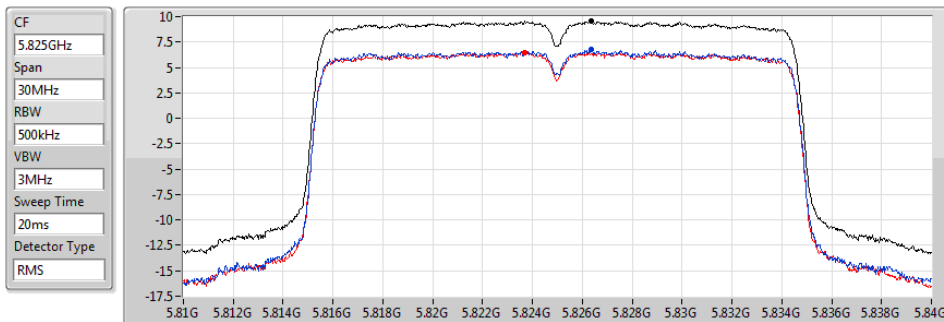
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.13	9.13	6.33	6.00

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5825MHz

17/12/2019



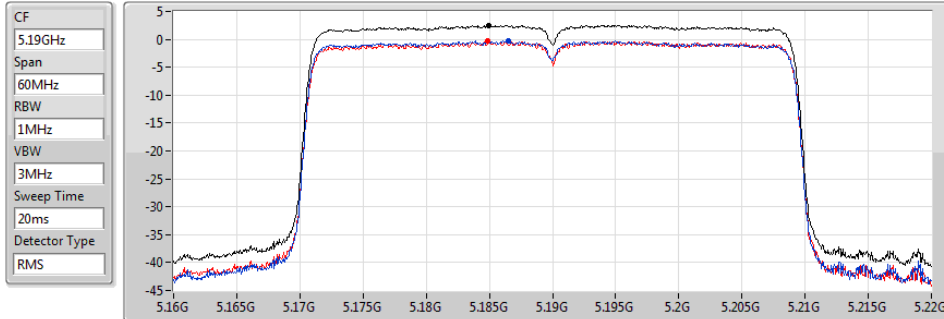
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.54	9.54	6.74	6.49

802.11ax HEW40_Nss2,(MCS0)_2TX

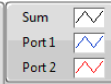
PSD

5190MHz

17/12/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.55	2.55	-0.28	-0.37

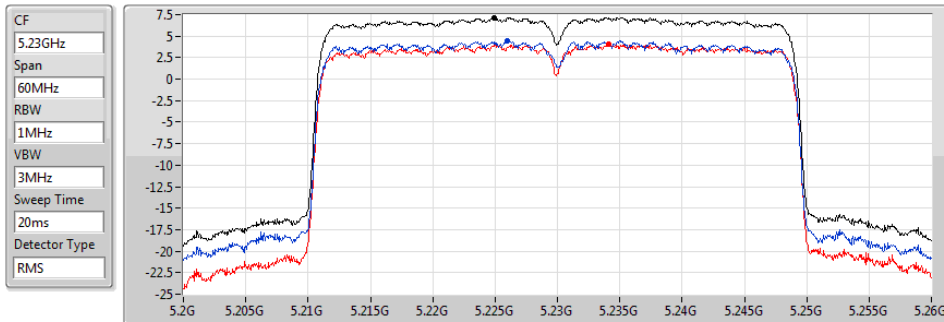


802.11ax HEW40_Nss2,(MCS0)_2TX

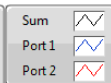
PSD

5230MHz

17/12/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.17	7.17	4.43	4.06

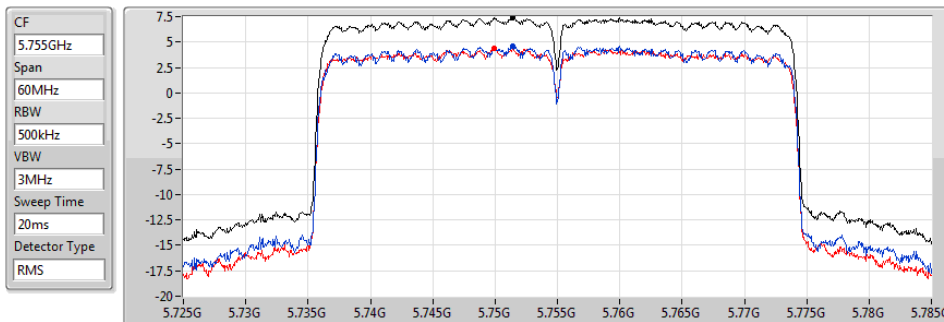


802.11ax HEW40_Nss2,(MCS0)_2TX

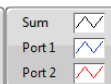
PSD

5755MHz

17/12/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.44	7.44	4.59	4.35

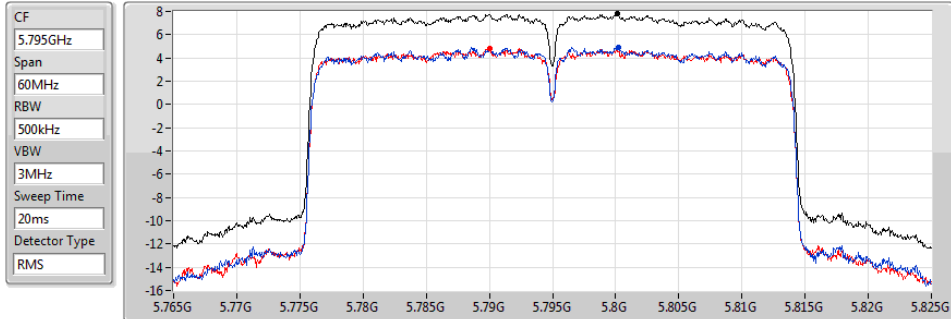


802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5795MHz

17/12/2019



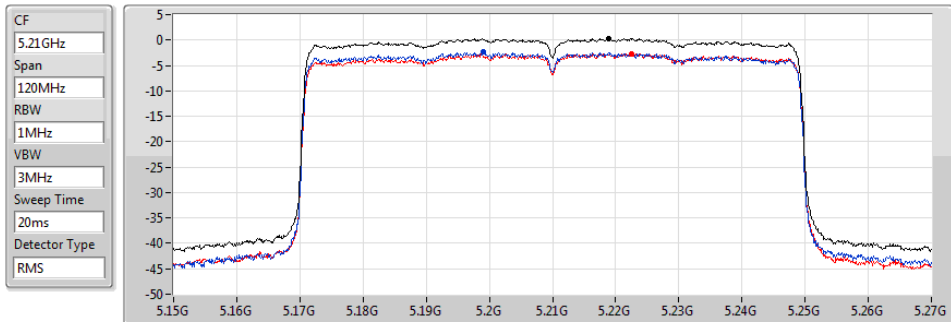
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.78	7.78	4.90	4.83

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5210MHz

17/12/2019



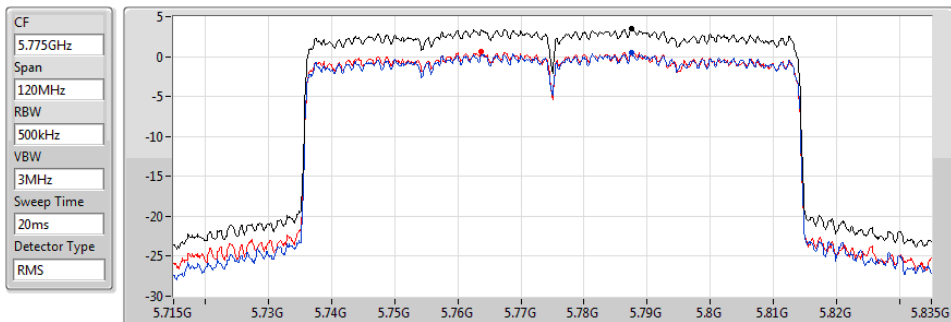
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.31	0.31	-2.40	-2.64

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5775MHz

17/12/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.53	3.53	0.54	0.62

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	9.60	14.41
802.11ac VHT20_Nss1,(MCS0)_1TX	8.48	13.29
802.11ac VHT40_Nss1,(MCS0)_1TX	4.33	9.14
802.11ac VHT80_Nss1,(MCS0)_1TX	-2.96	1.85
802.11ax HEW20_Nss1,(MCS0)_1TX	8.32	13.13
802.11ax HEW40_Nss1,(MCS0)_1TX	4.53	9.34
802.11ax HEW80_Nss1,(MCS0)_1TX	-2.78	2.03
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	9.49	14.30
802.11ac VHT20_Nss1,(MCS0)_1TX	9.19	14.00
802.11ac VHT40_Nss1,(MCS0)_1TX	5.44	10.25
802.11ac VHT80_Nss1,(MCS0)_1TX	0.25	5.06
802.11ax HEW20_Nss1,(MCS0)_1TX	8.87	13.68
802.11ax HEW40_Nss1,(MCS0)_1TX	5.48	10.29
802.11ax HEW80_Nss1,(MCS0)_1TX	0.11	4.92

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	4.81	6.88	6.88	17.00	11.69	23.00
5200MHz	Pass	4.81	9.60	9.60	17.00	14.41	23.00
5240MHz	Pass	4.81	8.05	8.05	17.00	12.86	23.00
5745MHz	Pass	4.81	9.32	9.32	30.00	14.13	36.00
5785MHz	Pass	4.81	9.49	9.49	30.00	14.30	36.00
5825MHz	Pass	4.81	9.34	9.34	30.00	14.15	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	4.81	5.80	5.80	17.00	10.61	23.00
5200MHz	Pass	4.81	8.48	8.48	17.00	13.29	23.00
5240MHz	Pass	4.81	7.68	7.68	17.00	12.49	23.00
5745MHz	Pass	4.81	8.16	8.16	30.00	12.97	36.00
5785MHz	Pass	4.81	9.19	9.19	30.00	14.00	36.00
5825MHz	Pass	4.81	8.28	8.28	30.00	13.09	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	4.81	-0.02	-0.02	17.00	4.79	23.00
5230MHz	Pass	4.81	4.33	4.33	17.00	9.14	23.00
5755MHz	Pass	4.81	5.27	5.27	30.00	10.08	36.00
5795MHz	Pass	4.81	5.44	5.44	30.00	10.25	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	4.81	-2.96	-2.96	17.00	1.85	23.00
5775MHz	Pass	4.81	0.25	0.25	30.00	5.06	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	4.81	5.77	5.77	17.00	10.58	23.00
5200MHz	Pass	4.81	8.32	8.32	17.00	13.13	23.00
5240MHz	Pass	4.81	7.73	7.73	17.00	12.54	23.00
5745MHz	Pass	4.81	8.26	8.26	30.00	13.07	36.00
5785MHz	Pass	4.81	8.87	8.87	30.00	13.68	36.00
5825MHz	Pass	4.81	8.07	8.07	30.00	12.88	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	4.81	0.09	0.09	17.00	4.90	23.00
5230MHz	Pass	4.81	4.53	4.53	17.00	9.34	23.00
5755MHz	Pass	4.81	5.29	5.29	30.00	10.10	36.00
5795MHz	Pass	4.81	5.48	5.48	30.00	10.29	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	4.81	-2.78	-2.78	17.00	2.03	23.00
5775MHz	Pass	4.81	0.11	0.11	30.00	4.92	36.00

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

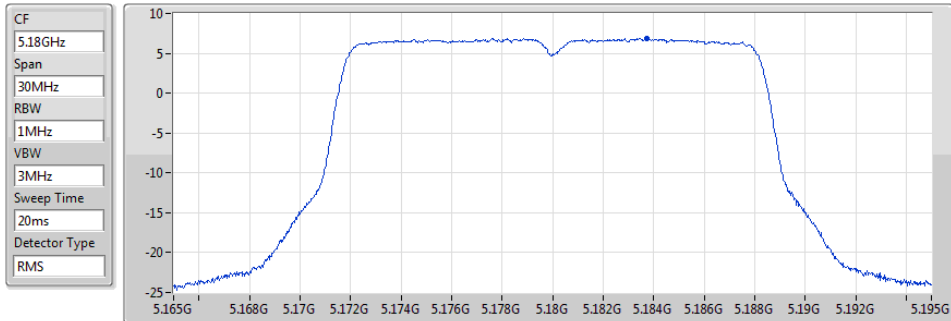
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5180MHz

18/12/2019



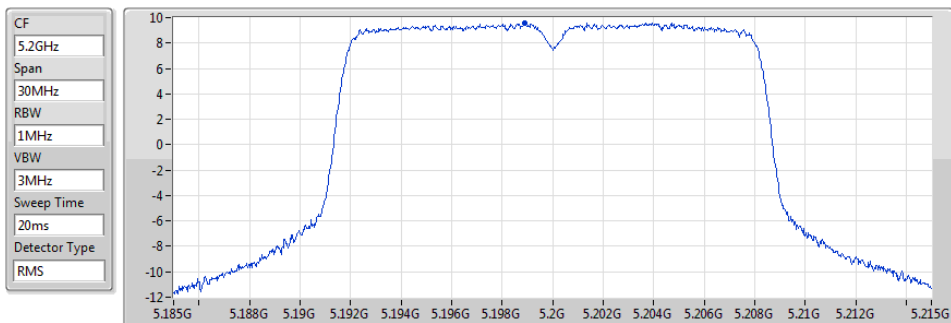
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.88	6.88	6.88

802.11a_Nss1,(6Mbps)_1TX

PSD

5200MHz

18/12/2019



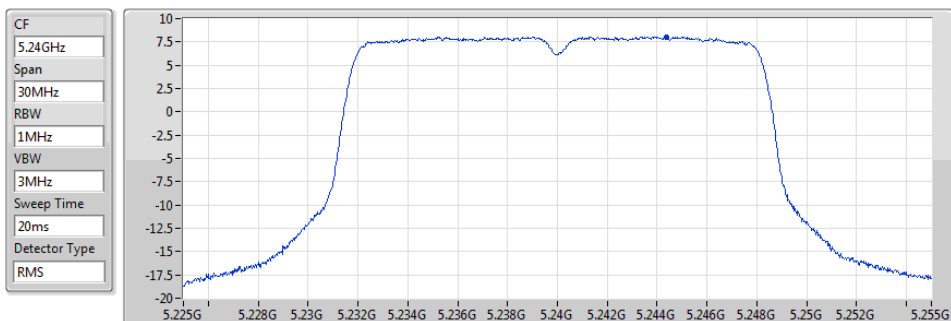
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.60	9.60	9.60

802.11a_Nss1,(6Mbps)_1TX

PSD

5240MHz

18/12/2019



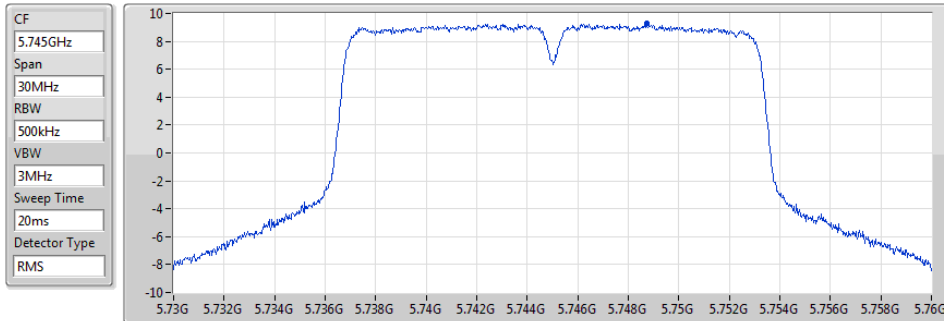
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.05	8.05	8.05

802.11a_Nss1,(6Mbps)_1TX

PSD

5745MHz

18/12/2019



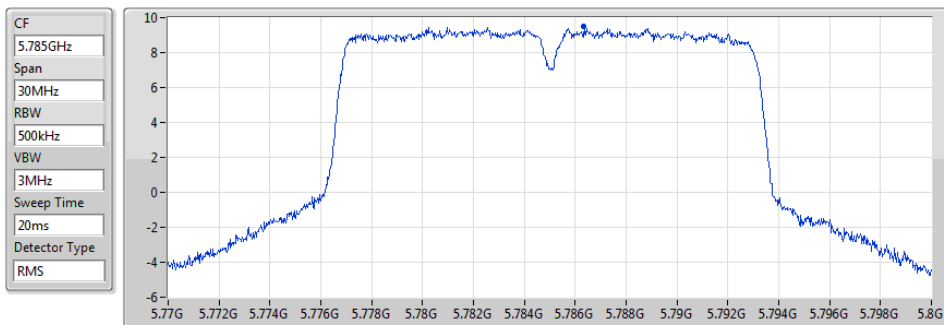
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
9.32	9.32	9.32

802.11a_Nss1,(6Mbps)_1TX

PSD

5785MHz

18/12/2019



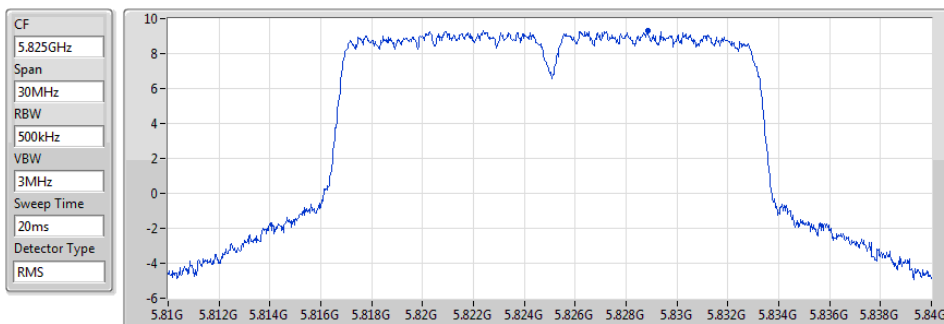
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
9.49	9.49	9.49

802.11a_Nss1,(6Mbps)_1TX

PSD

5825MHz

18/12/2019



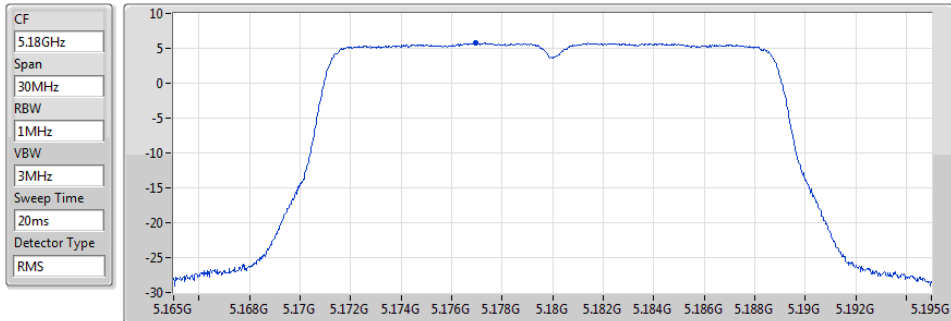
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
9.34	9.34	9.34

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5180MHz

18/12/2019



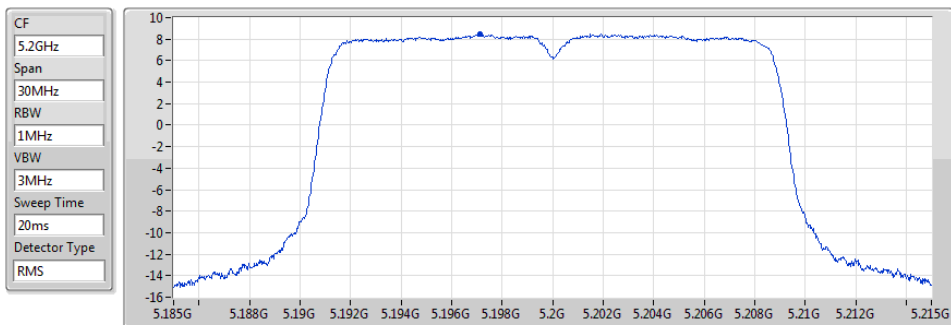
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.80	5.80	5.80

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5200MHz

18/12/2019



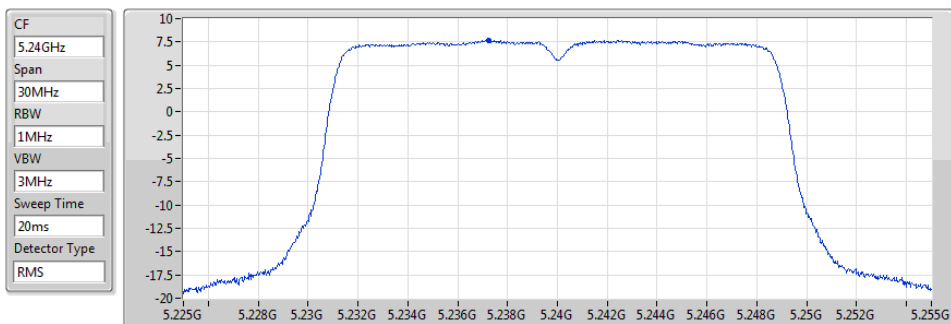
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.48	8.48	8.48

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5240MHz

18/12/2019



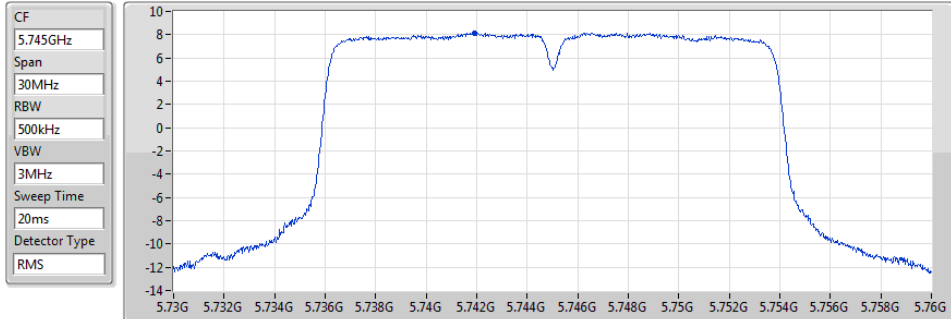
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.68	7.68	7.68

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5745MHz

18/12/2019



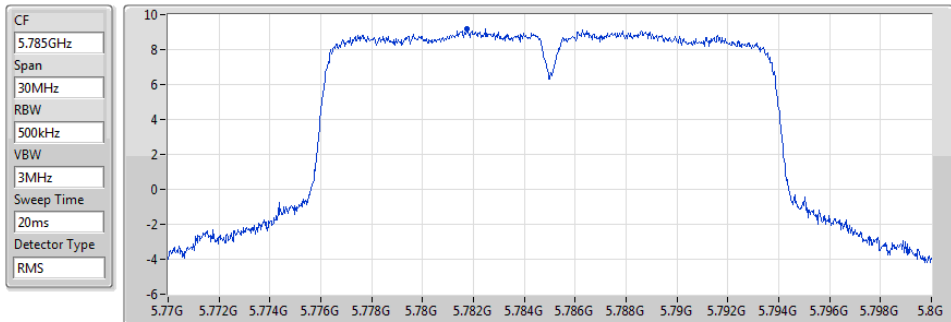
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.16	8.16	8.16

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5785MHz

18/12/2019



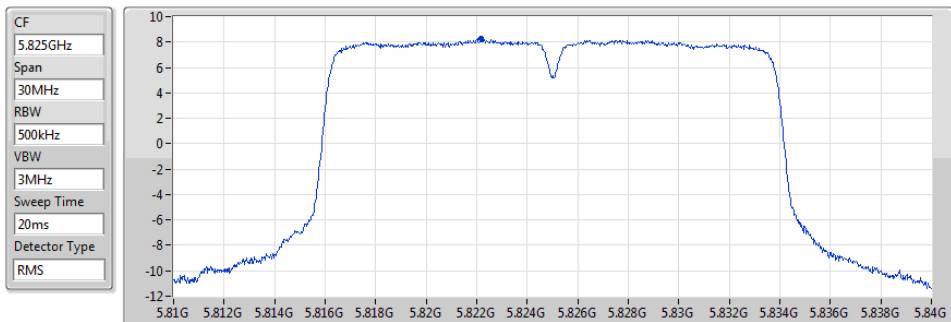
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.19	9.19	9.19

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5825MHz

18/12/2019



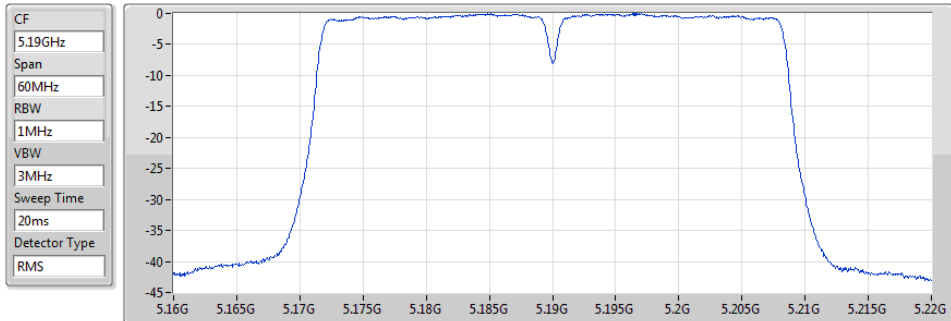
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.28	8.28	8.28

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5190MHz

18/12/2019



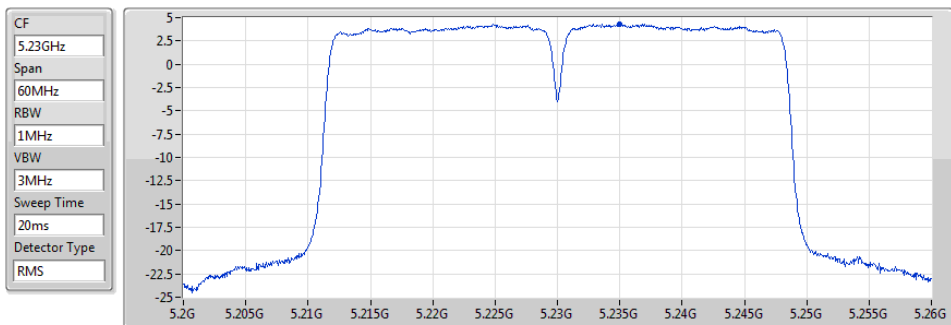
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-0.02	-0.02	-0.02

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5230MHz

18/12/2019



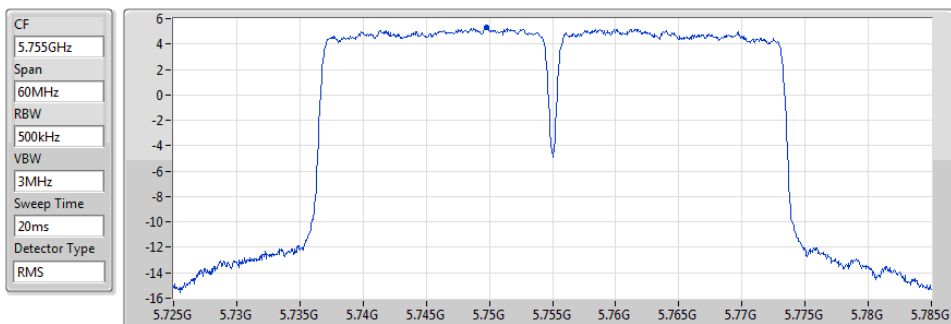
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
4.33	4.33	4.33

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5755MHz

18/12/2019



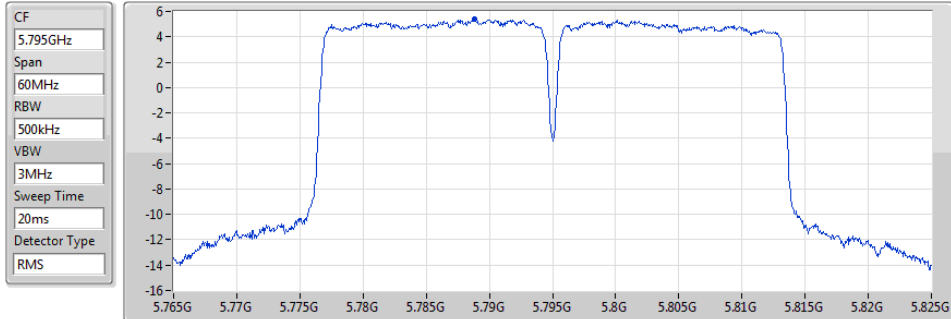
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
5.27	5.27	5.27

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5795MHz

18/12/2019



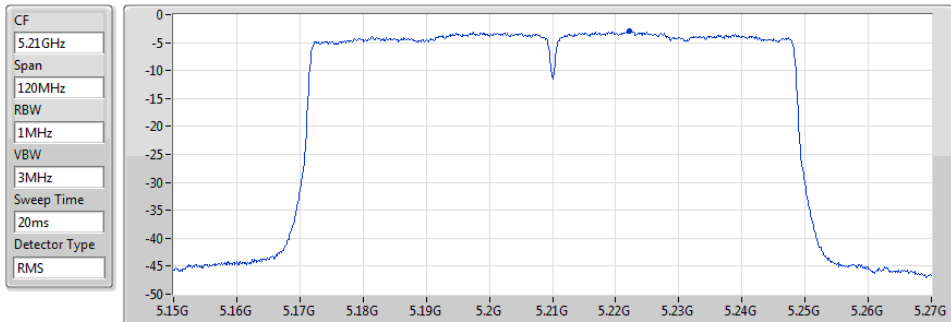
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.44	5.44	5.44

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5210MHz

18/12/2019



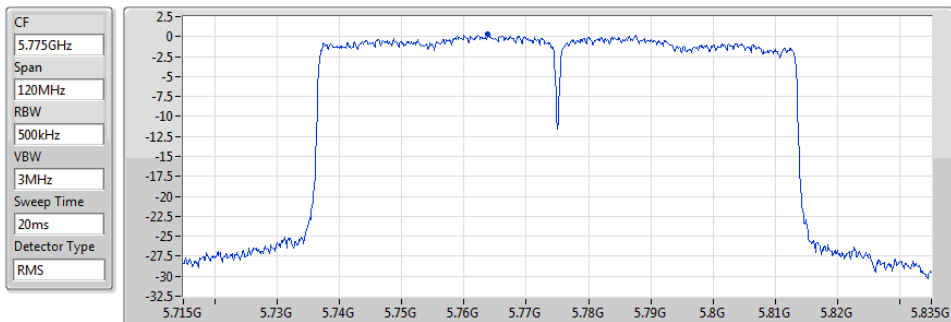
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.96	-2.96	-2.96

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5775MHz

18/12/2019



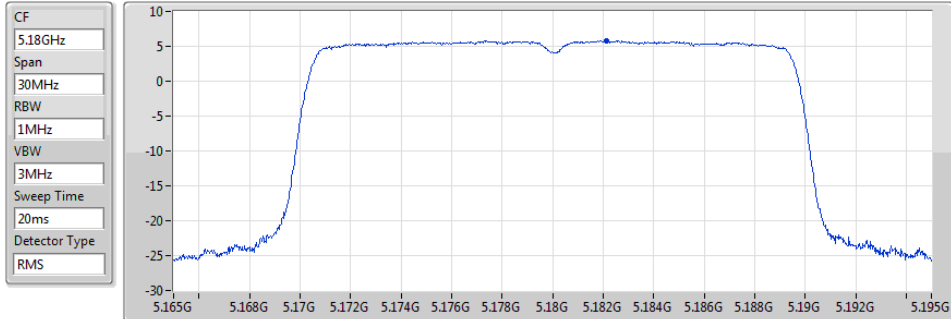
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.25	0.25	0.25

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5180MHz

18/12/2019



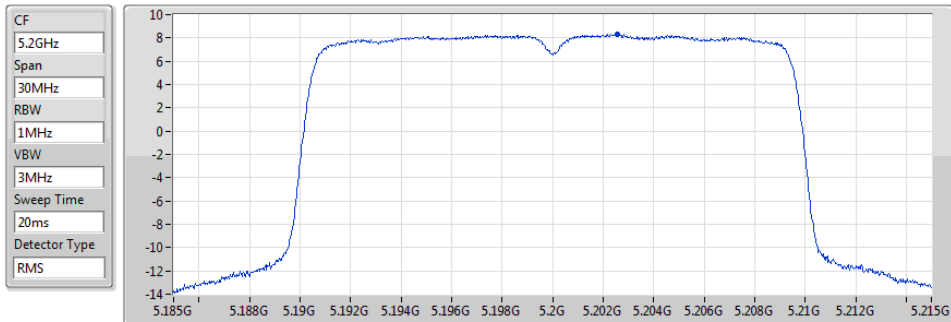
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.77	5.77	5.77

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5200MHz

18/12/2019



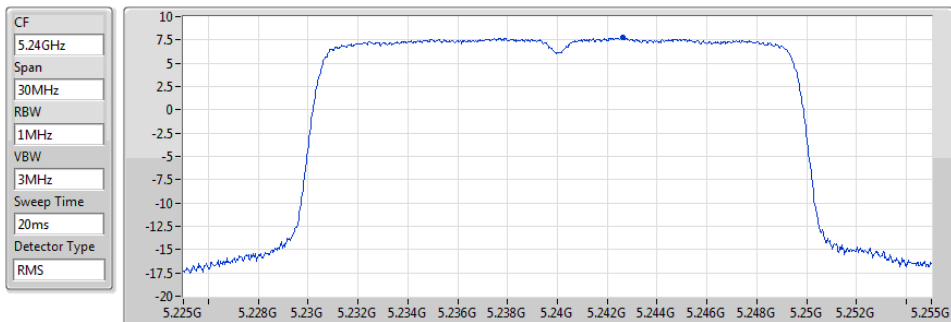
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.32	8.32	8.32

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5240MHz

18/12/2019



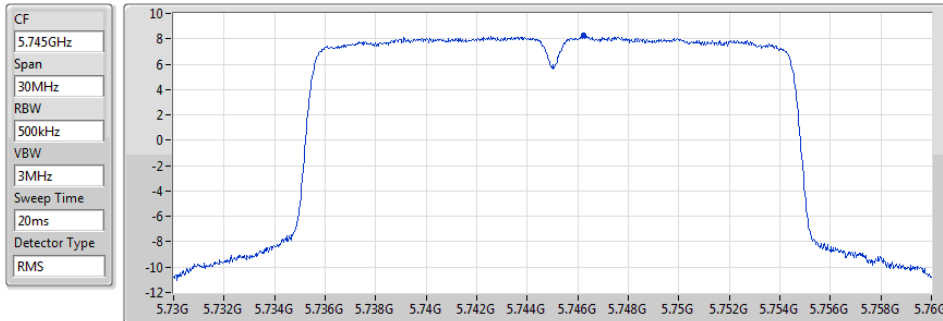
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.73	7.73	7.73

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5745MHz

18/12/2019



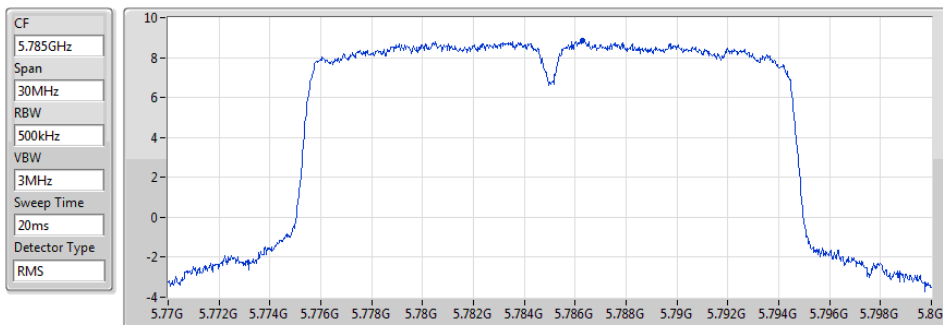
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.26	8.26	8.26

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5785MHz

18/12/2019



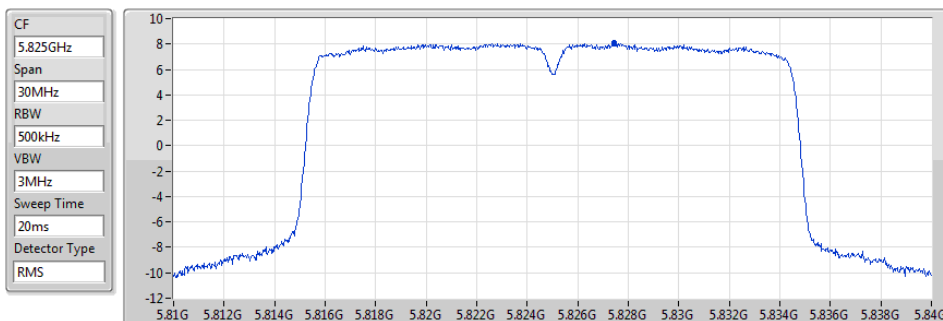
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.87	8.87	8.87

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5825MHz

18/12/2019



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.07	8.07	8.07

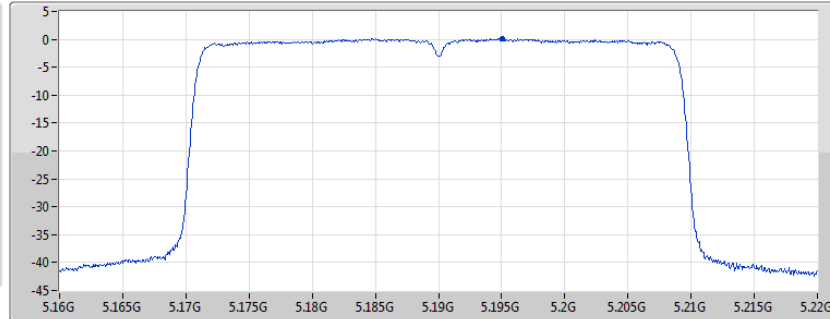
802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5190MHz

18/12/2019

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



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.09	0.09	0.09

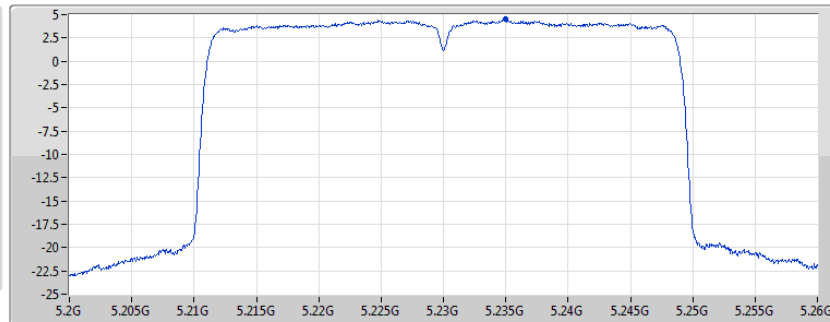
802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5230MHz

18/12/2019

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



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.53	4.53	4.53

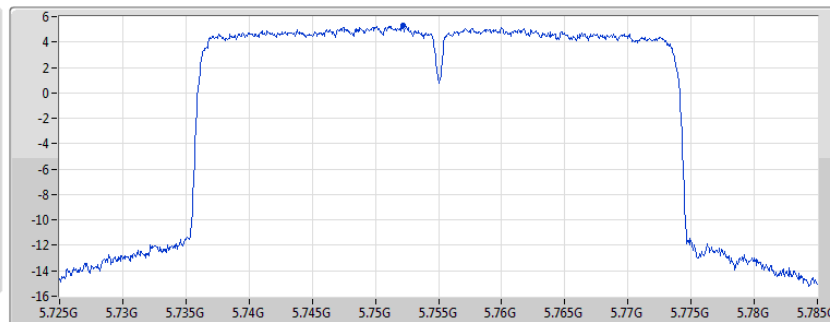
802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5755MHz

18/12/2019

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



Port 1

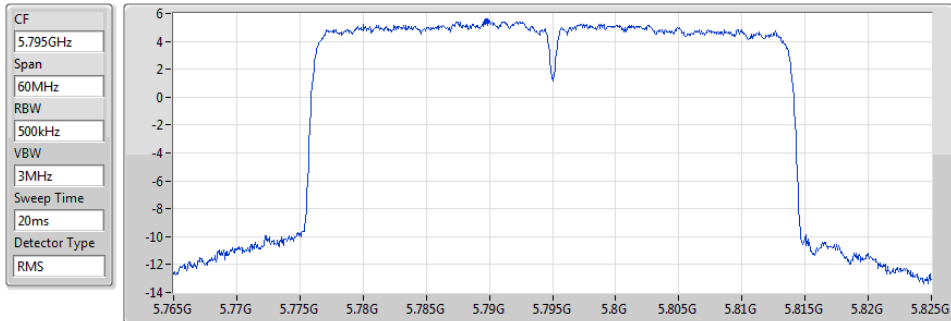
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.29	5.29	5.29

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5795MHz

18/12/2019



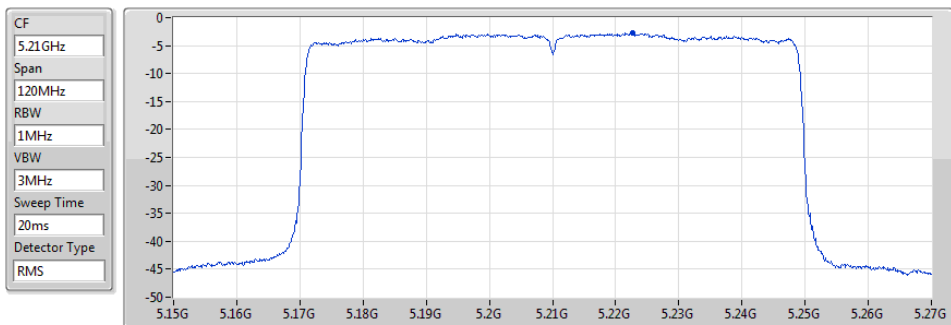
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.48	5.48	5.48

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5210MHz

18/12/2019



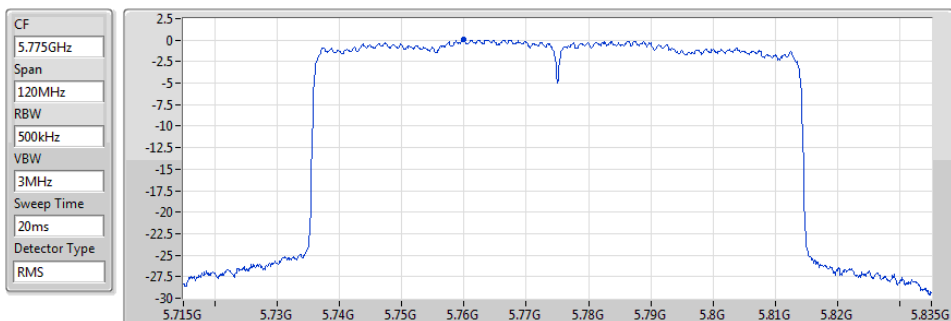
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.78	-2.78	-2.78

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5775MHz

18/12/2019



Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.11	0.11	0.11

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	11.78	19.57
802.11ac VHT20_Nss2,(MCS0)_2TX	10.75	15.53
802.11ac VHT40_Nss2,(MCS0)_2TX	7.38	12.16
802.11ac VHT80_Nss2,(MCS0)_2TX	0.48	5.26
802.11ax HEW20_Nss2,(MCS0)_2TX	10.69	15.47
802.11ax HEW40_Nss2,(MCS0)_2TX	7.35	12.13
802.11ax HEW80_Nss2,(MCS0)_2TX	0.63	5.41
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	11.94	19.73
802.11ac VHT20_Nss2,(MCS0)_2TX	11.83	16.61
802.11ac VHT40_Nss2,(MCS0)_2TX	8.55	13.33
802.11ac VHT80_Nss2,(MCS0)_2TX	3.94	8.72
802.11ax HEW20_Nss2,(MCS0)_2TX	11.56	16.34
802.11ax HEW40_Nss2,(MCS0)_2TX	8.40	13.18
802.11ax HEW80_Nss2,(MCS0)_2TX	3.87	8.65

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.79	6.04	6.12	9.00	15.21	16.79	23.00
5200MHz	Pass	7.79	8.75	8.98	11.78	15.21	19.57	23.00
5240MHz	Pass	7.79	7.65	7.66	10.53	15.21	18.32	23.00
5745MHz	Pass	7.79	7.72	7.87	10.69	28.21	18.48	36.00
5785MHz	Pass	7.79	9.06	8.94	11.94	28.21	19.73	36.00
5825MHz	Pass	7.79	8.40	8.78	11.53	28.21	19.32	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.78	4.74	4.92	7.79	17.00	12.57	23.00
5200MHz	Pass	4.78	7.76	7.86	10.75	17.00	15.53	23.00
5240MHz	Pass	4.78	7.10	7.13	10.05	17.00	14.83	23.00
5745MHz	Pass	4.78	7.41	7.44	10.28	30.00	15.06	36.00
5785MHz	Pass	4.78	9.14	8.80	11.83	30.00	16.61	36.00
5825MHz	Pass	4.78	8.96	8.61	11.68	30.00	16.46	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.78	-0.66	-0.32	2.48	17.00	7.26	23.00
5230MHz	Pass	4.78	4.24	4.80	7.38	17.00	12.16	23.00
5755MHz	Pass	4.78	5.13	4.78	7.96	30.00	12.74	36.00
5795MHz	Pass	4.78	5.64	5.57	8.55	30.00	13.33	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.78	-2.53	-2.25	0.48	17.00	5.26	23.00
5775MHz	Pass	4.78	0.91	1.15	3.94	30.00	8.72	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.78	4.71	4.83	7.75	17.00	12.53	23.00
5200MHz	Pass	4.78	7.59	7.82	10.69	17.00	15.47	23.00
5240MHz	Pass	4.78	7.17	7.19	10.15	17.00	14.93	23.00
5745MHz	Pass	4.78	7.30	7.53	10.34	30.00	15.12	36.00
5785MHz	Pass	4.78	8.75	8.68	11.56	30.00	16.34	36.00
5825MHz	Pass	4.78	8.63	8.45	11.42	30.00	16.20	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.78	-0.52	-0.06	2.58	17.00	7.36	23.00
5230MHz	Pass	4.78	4.15	4.69	7.35	17.00	12.13	23.00
5755MHz	Pass	4.78	5.20	4.92	7.93	30.00	12.71	36.00
5795MHz	Pass	4.78	5.46	5.58	8.40	30.00	13.18	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.78	-2.34	-2.21	0.63	17.00	5.41	23.00
5775MHz	Pass	4.78	1.02	0.95	3.87	30.00	8.65	36.00

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

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

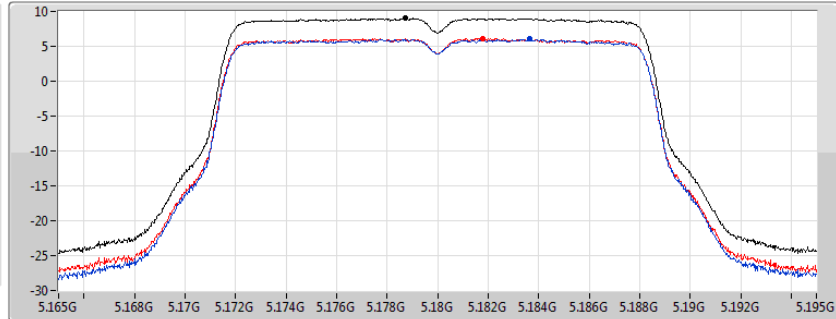
802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

18/12/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.00	9.00	6.04	6.12

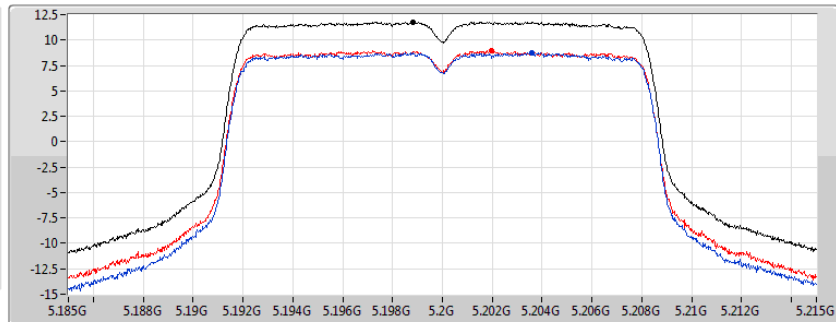
802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

18/12/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.78	11.78	8.75	8.98

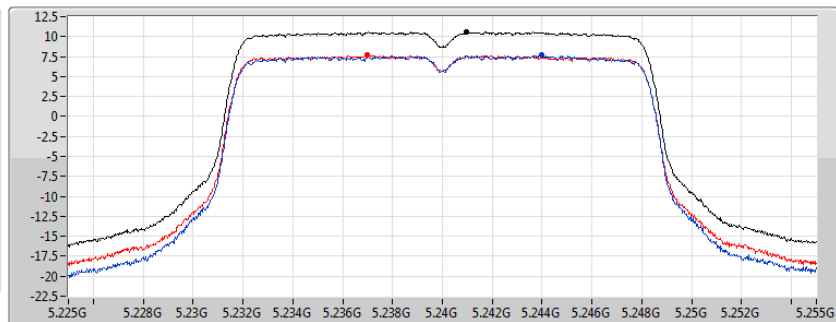
802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

18/12/2019

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



Sum
Port 1
Port 2

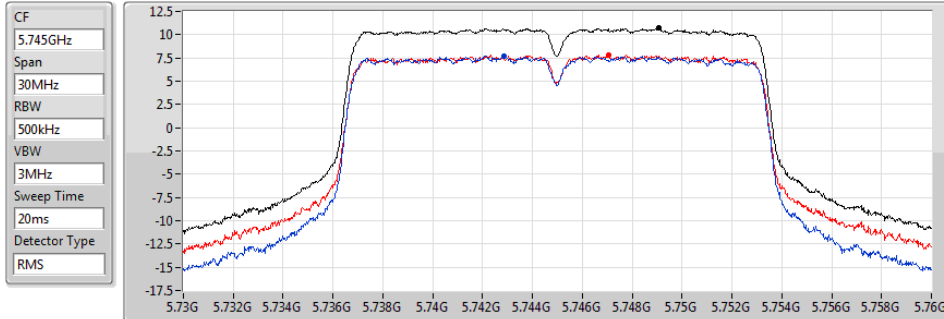
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.53	10.53	7.65	7.66

802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

18/12/2019



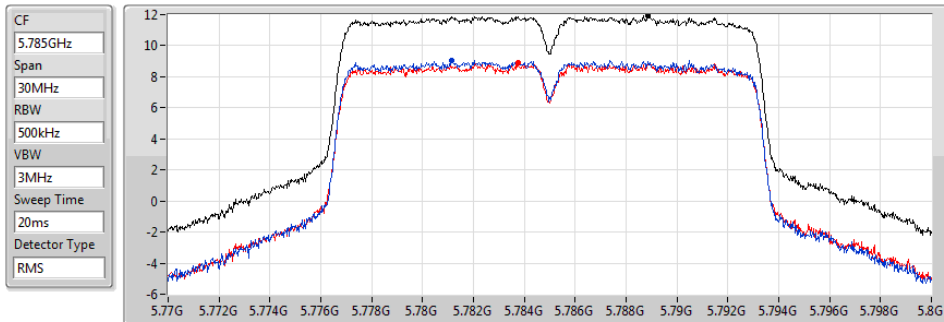
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.69	10.69	7.72	7.87

802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

18/12/2019



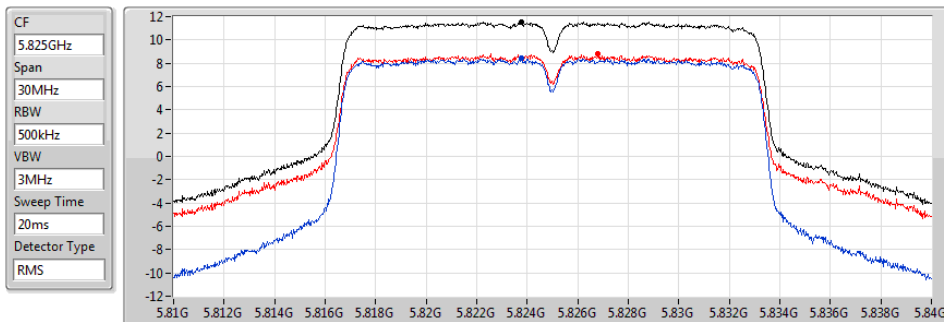
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.94	11.94	9.06	8.94

802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

18/12/2019



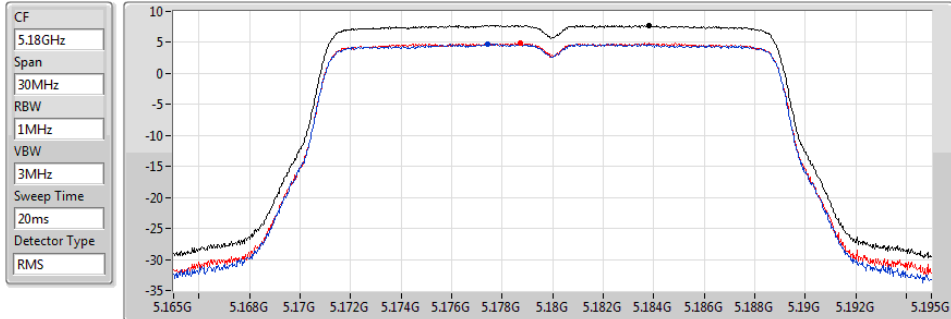
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.53	11.53	8.40	8.78

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5180MHz

18/12/2019



Sum
Port 1
Port 2

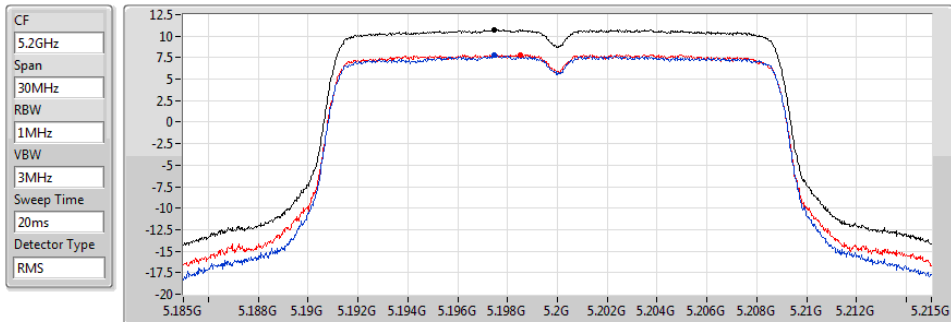
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.79	7.79	4.74	4.92

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5200MHz

18/12/2019



Sum
Port 1
Port 2

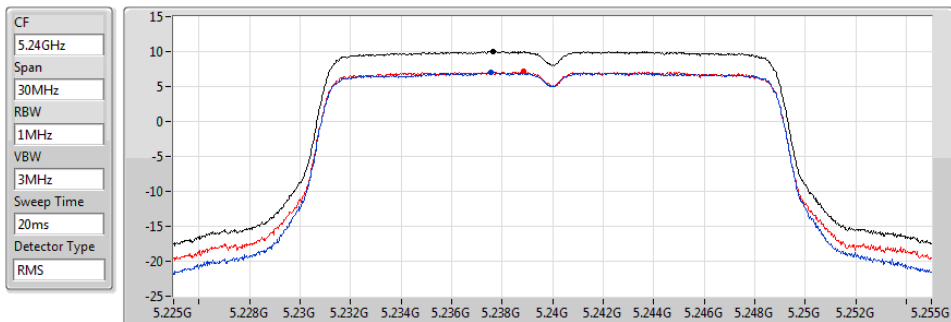
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.75	10.75	7.76	7.86

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5240MHz

18/12/2019



Sum
Port 1
Port 2

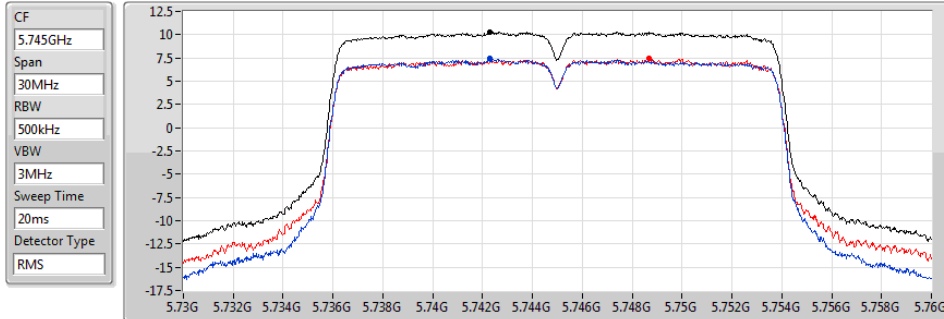
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.05	10.05	7.10	7.13

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5745MHz

18/12/2019



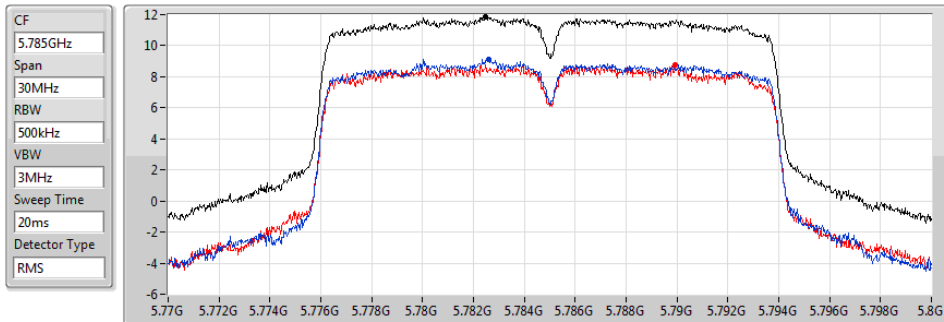
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.28	10.28	7.41	7.44

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5785MHz

18/12/2019



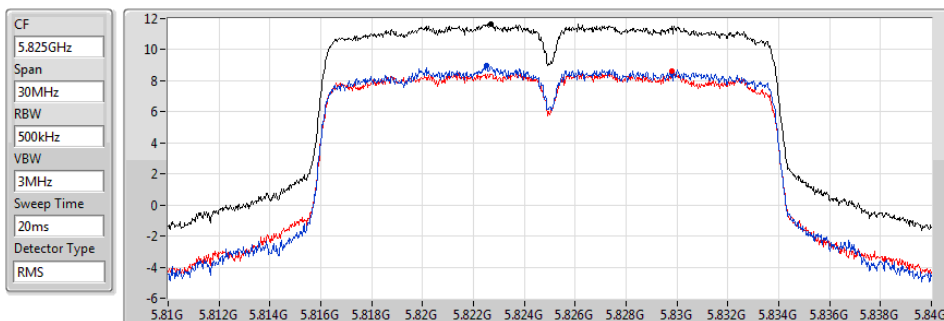
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.83	11.83	9.14	8.80

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5825MHz

18/12/2019



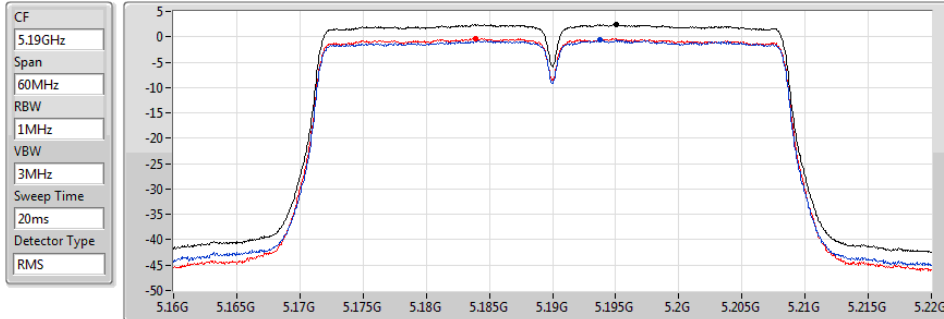
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.68	11.68	8.96	8.61

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5190MHz

18/12/2019



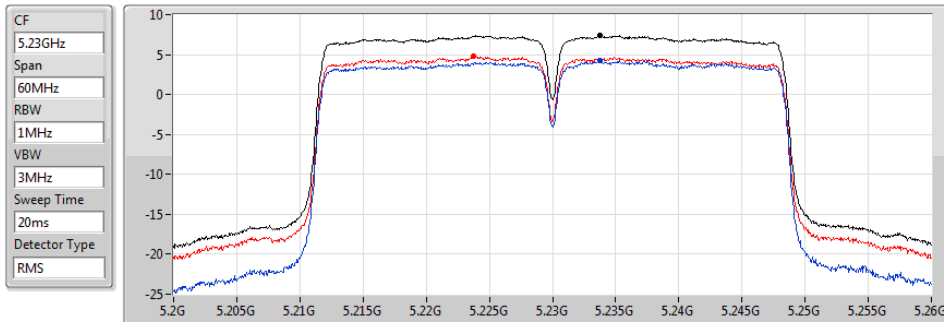
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
2.48	2.48	-0.66	-0.32

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5230MHz

18/12/2019



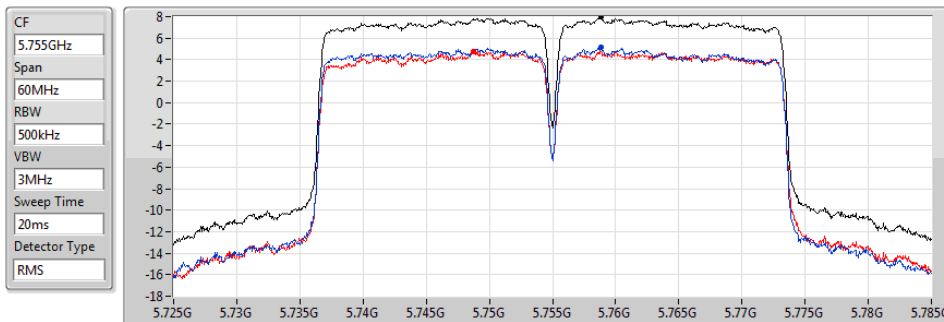
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
7.38	7.38	4.24	4.80

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5755MHz

18/12/2019



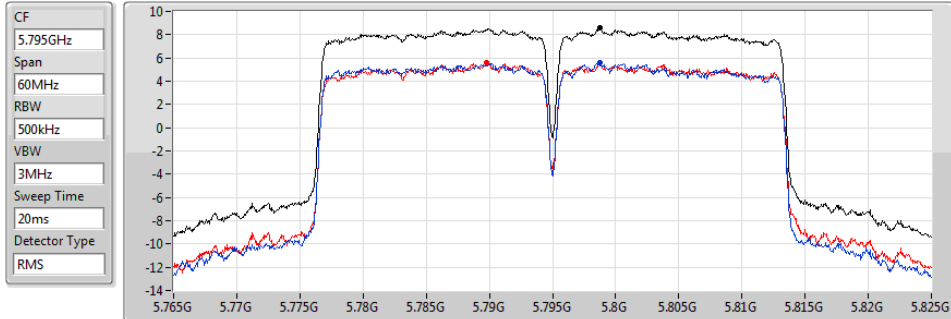
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
7.96	7.96	5.13	4.78

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5795MHz

18/12/2019



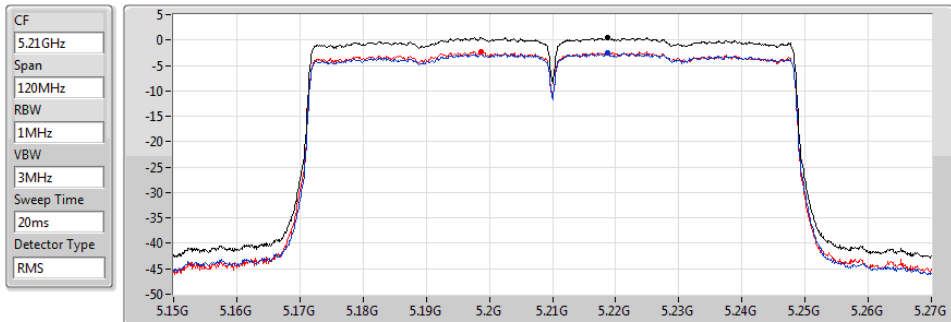
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.55	8.55	5.64	5.57

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5210MHz

18/12/2019



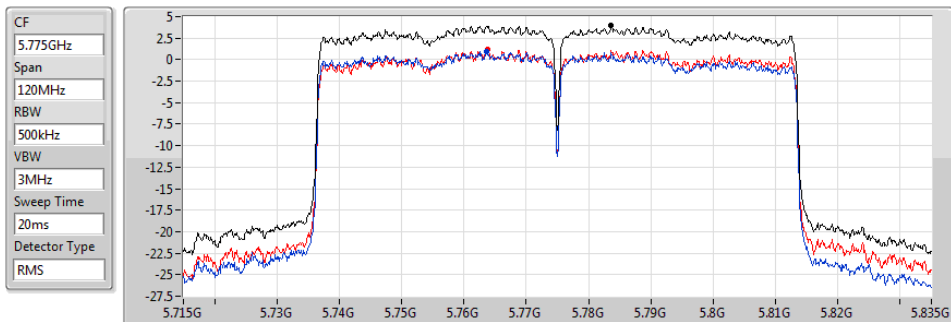
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.48	0.48	-2.53	-2.25

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5775MHz

18/12/2019



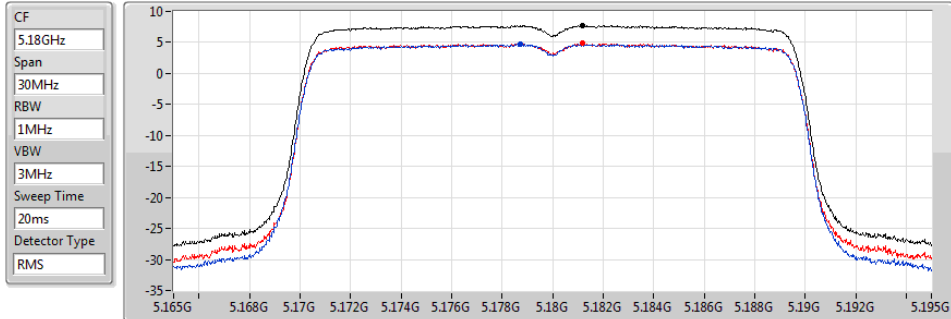
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.94	3.94	0.91	1.15

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5180MHz

18/12/2019



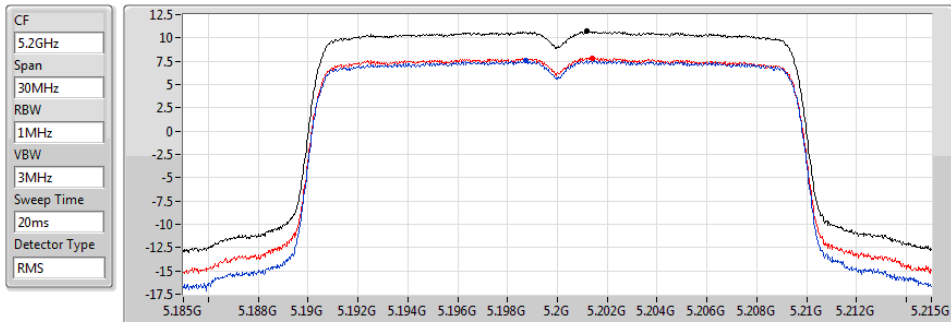
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.75	7.75	4.71	4.83

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5200MHz

18/12/2019



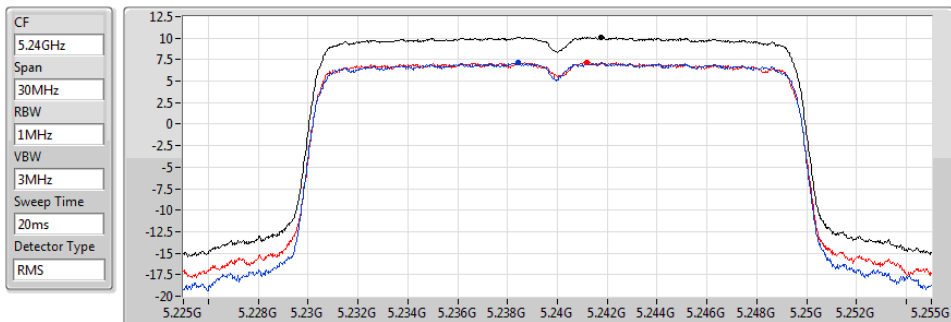
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.69	10.69	7.59	7.82

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5240MHz

18/12/2019



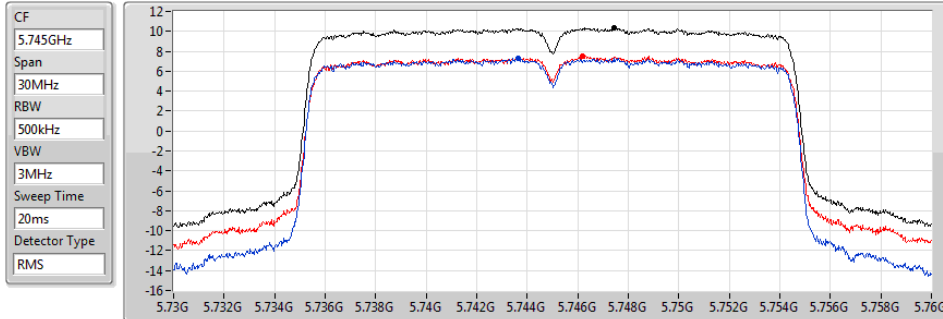
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.15	10.15	7.17	7.19

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5745MHz

18/12/2019



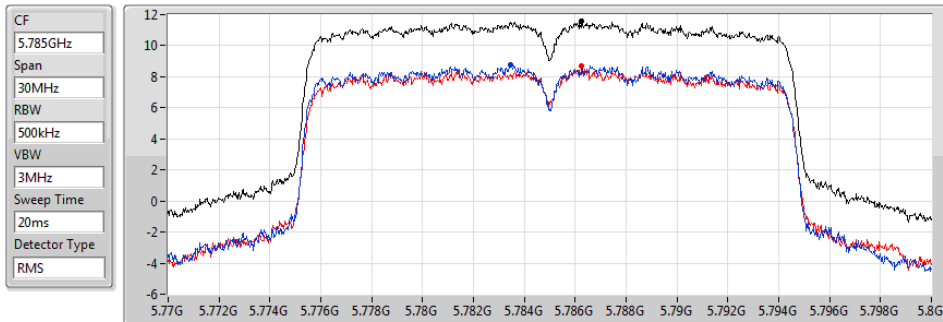
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.34	10.34	7.30	7.53

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5785MHz

18/12/2019



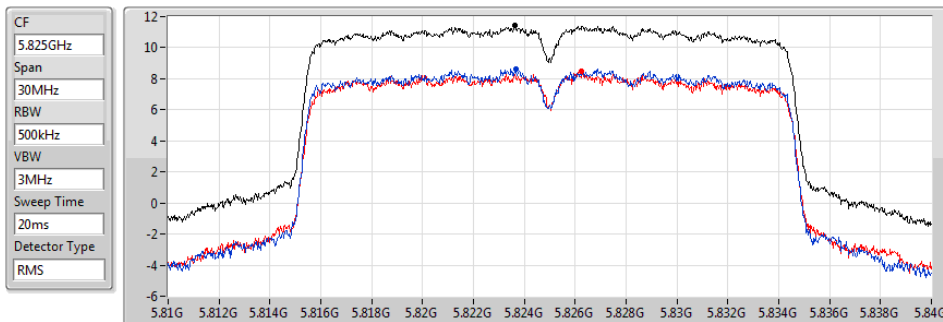
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.56	11.56	8.75	8.68

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5825MHz

18/12/2019



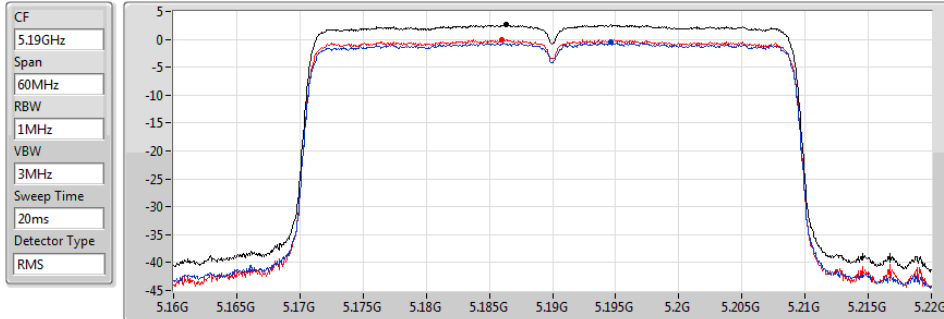
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.42	11.42	8.63	8.45

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5190MHz

18/12/2019



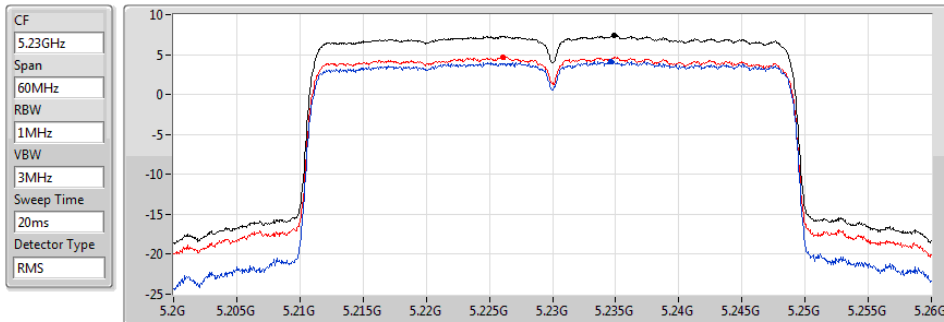
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.58	2.58	-0.52	-0.06

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5230MHz

18/12/2019



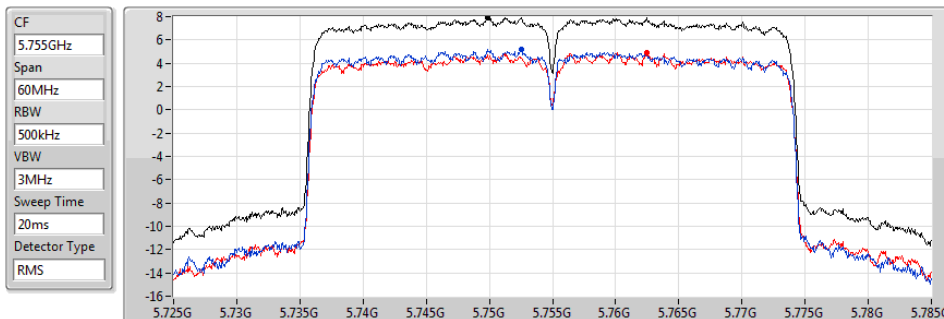
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.35	7.35	4.15	4.69

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5755MHz

18/12/2019



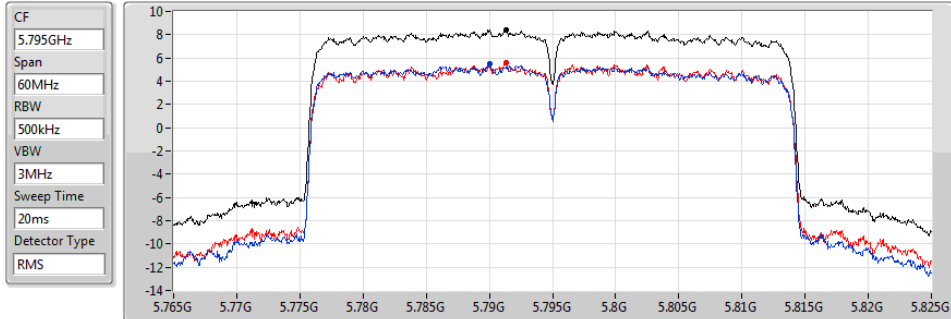
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.93	7.93	5.20	4.92

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5795MHz

18/12/2019



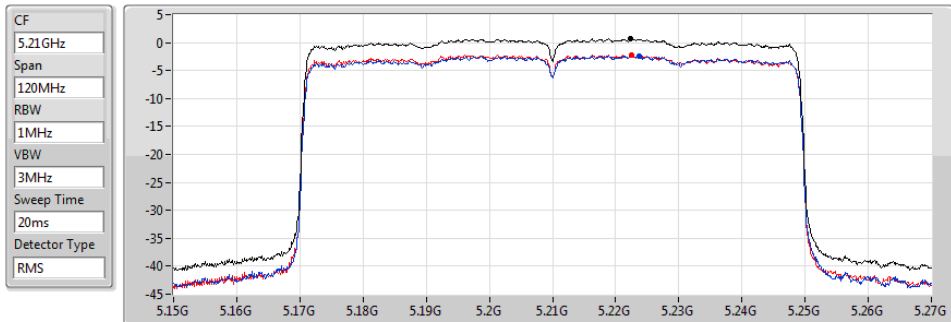
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.40	8.40	5.46	5.58

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5210MHz

18/12/2019



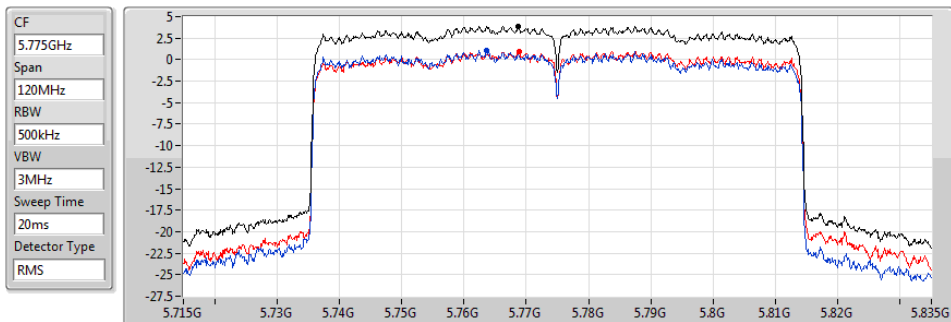
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.63	0.63	-2.34	-2.21

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5775MHz

18/12/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.87	3.87	1.02	0.95

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	7.21	15.21
802.11ac VHT20_Nss1,(MCS0)_1TX	6.50	14.50
802.11ac VHT40_Nss1,(MCS0)_1TX	3.09	11.09
802.11ac VHT80_Nss1,(MCS0)_1TX	-5.56	2.44
802.11ax HEW20_Nss1,(MCS0)_1TX	6.36	14.36
802.11ax HEW40_Nss1,(MCS0)_1TX	3.08	11.08
802.11ax HEW80_Nss1,(MCS0)_1TX	-5.11	2.89
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	6.87	14.87
802.11ac VHT20_Nss1,(MCS0)_1TX	5.84	13.84
802.11ac VHT40_Nss1,(MCS0)_1TX	3.17	11.17
802.11ac VHT80_Nss1,(MCS0)_1TX	-2.21	5.79
802.11ax HEW20_Nss1,(MCS0)_1TX	5.97	13.97
802.11ax HEW40_Nss1,(MCS0)_1TX	3.21	11.21
802.11ax HEW80_Nss1,(MCS0)_1TX	-2.38	5.62

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	8.00	3.00	3.00	15.00	11.00	23.00
5200MHz_TnomVnom	Pass	8.00	7.21	7.21	15.00	15.21	23.00
5240MHz_TnomVnom	Pass	8.00	6.79	6.79	15.00	14.79	23.00
5745MHz_TnomVnom	Pass	8.00	6.87	6.87	28.00	14.87	36.00
5785MHz_TnomVnom	Pass	8.00	6.61	6.61	28.00	14.61	36.00
5825MHz_TnomVnom	Pass	8.00	6.64	6.64	28.00	14.64	36.00
802.11ac_VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	8.00	3.39	3.39	15.00	11.39	23.00
5200MHz_TnomVnom	Pass	8.00	6.50	6.50	15.00	14.50	23.00
5240MHz_TnomVnom	Pass	8.00	6.24	6.24	15.00	14.24	23.00
5745MHz_TnomVnom	Pass	8.00	5.43	5.43	28.00	13.43	36.00
5785MHz_TnomVnom	Pass	8.00	4.57	4.57	28.00	12.57	36.00
5825MHz_TnomVnom	Pass	8.00	5.84	5.84	28.00	13.84	36.00
802.11ac_VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	8.00	-2.64	-2.64	15.00	5.36	23.00
5230MHz_TnomVnom	Pass	8.00	3.09	3.09	15.00	11.09	23.00
5755MHz_TnomVnom	Pass	8.00	3.12	3.12	28.00	11.12	36.00
5795MHz_TnomVnom	Pass	8.00	3.17	3.17	28.00	11.17	36.00
802.11ac_VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	8.00	-5.56	-5.56	15.00	2.44	23.00
5775MHz_TnomVnom	Pass	8.00	-2.21	-2.21	28.00	5.79	36.00
802.11ax_HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	8.00	3.49	3.49	15.00	11.49	23.00
5200MHz_TnomVnom	Pass	8.00	6.36	6.36	15.00	14.36	23.00
5240MHz_TnomVnom	Pass	8.00	6.32	6.32	15.00	14.32	23.00
5745MHz_TnomVnom	Pass	8.00	5.60	5.60	28.00	13.60	36.00
5785MHz_TnomVnom	Pass	8.00	4.73	4.73	28.00	12.73	36.00
5825MHz_TnomVnom	Pass	8.00	5.97	5.97	28.00	13.97	36.00
802.11ax_HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	8.00	-2.45	-2.45	15.00	5.55	23.00
5230MHz_TnomVnom	Pass	8.00	3.08	3.08	15.00	11.08	23.00
5755MHz_TnomVnom	Pass	8.00	3.21	3.21	28.00	11.21	36.00
5795MHz_TnomVnom	Pass	8.00	3.18	3.18	28.00	11.18	36.00
802.11ax_HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	8.00	-5.11	-5.11	15.00	2.89	23.00
5775MHz_TnomVnom	Pass	8.00	-2.38	-2.38	28.00	5.62	36.00

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

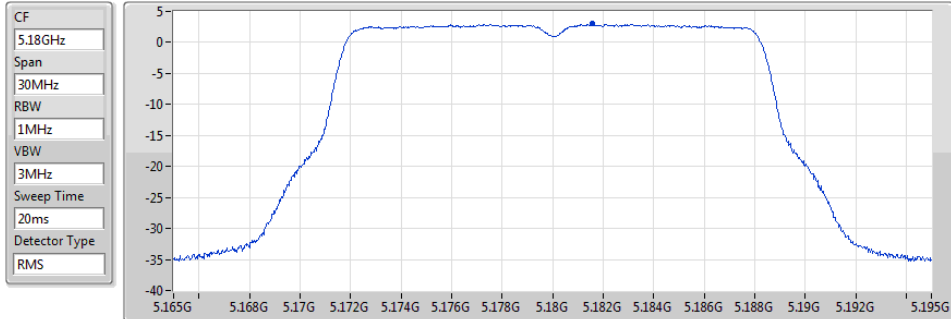
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5180MHz

17/12/2019



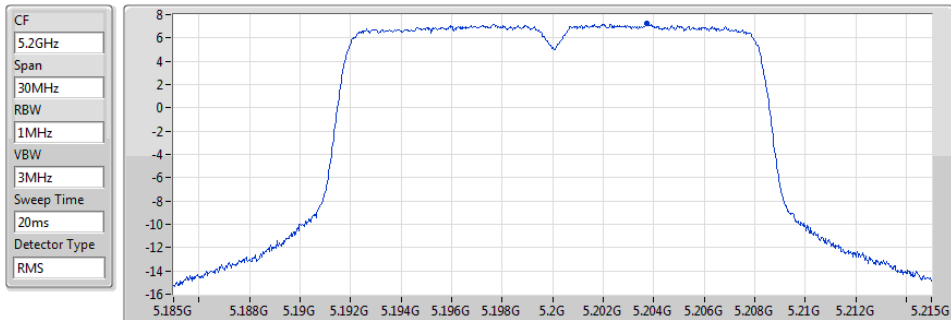
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.00	3.00	3.00

802.11a_Nss1,(6Mbps)_1TX

PSD

5200MHz

17/12/2019



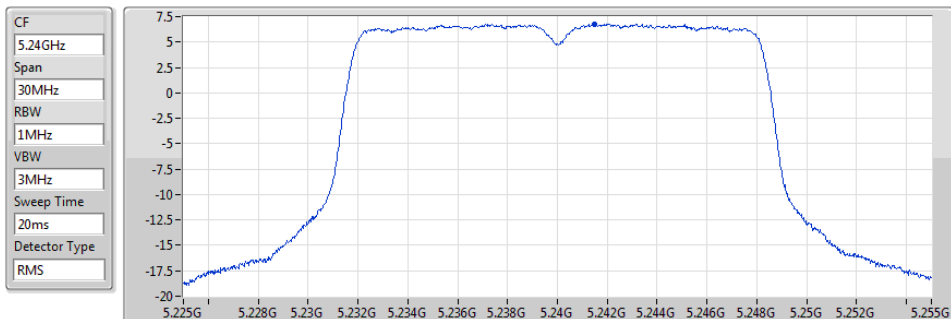
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.21	7.21	7.21

802.11a_Nss1,(6Mbps)_1TX

PSD

5240MHz

17/12/2019



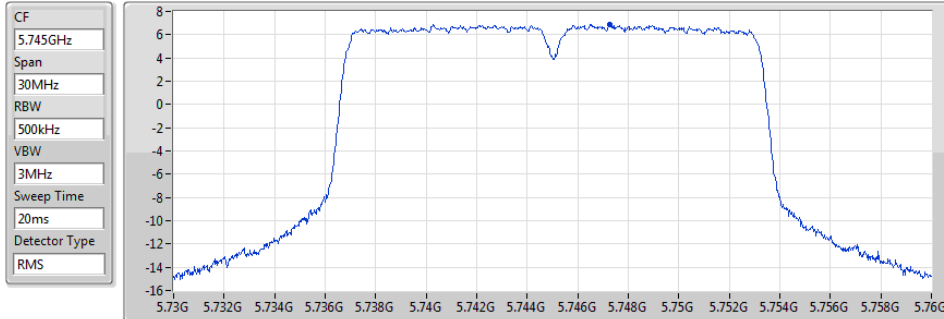
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.79	6.79	6.79

802.11a_Nss1,(6Mbps)_1TX

PSD

5745MHz

18/12/2019



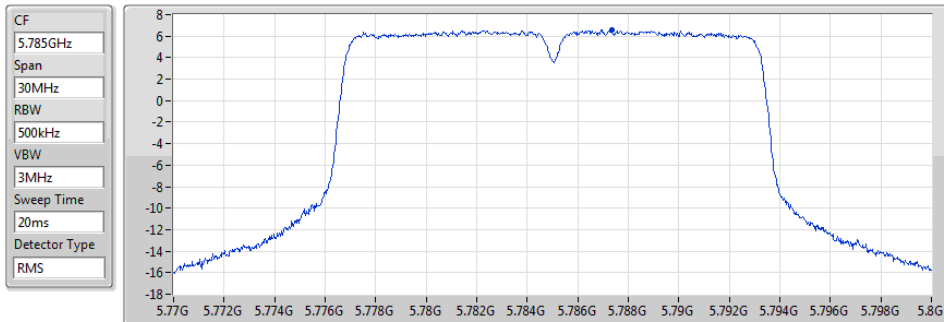
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.87	6.87	6.87

802.11a_Nss1,(6Mbps)_1TX

PSD

5785MHz

18/12/2019



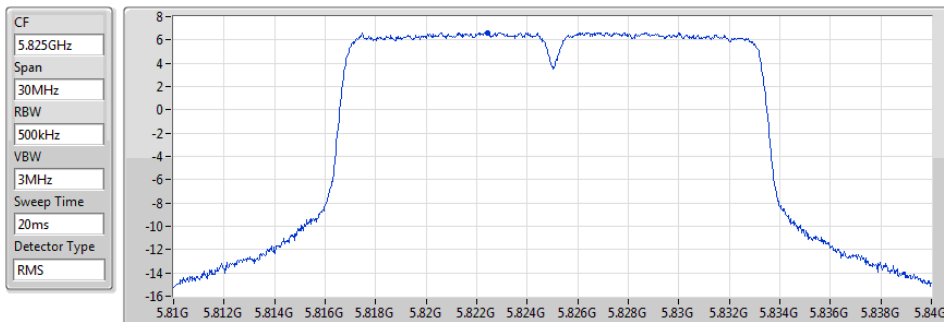
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.61	6.61	6.61

802.11a_Nss1,(6Mbps)_1TX

PSD

5825MHz

18/12/2019



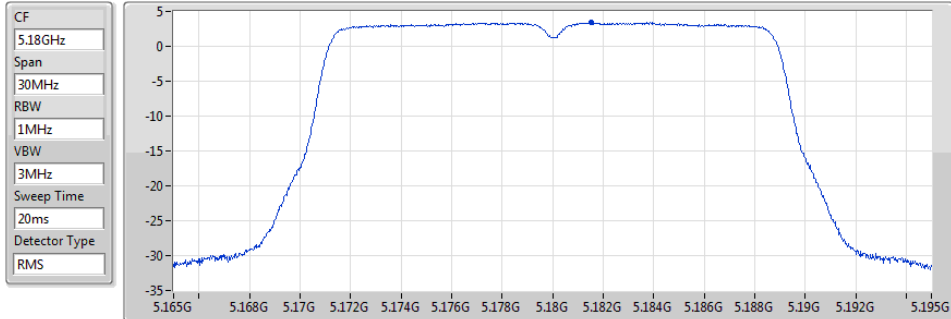
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.64	6.64	6.64

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5180MHz

18/12/2019



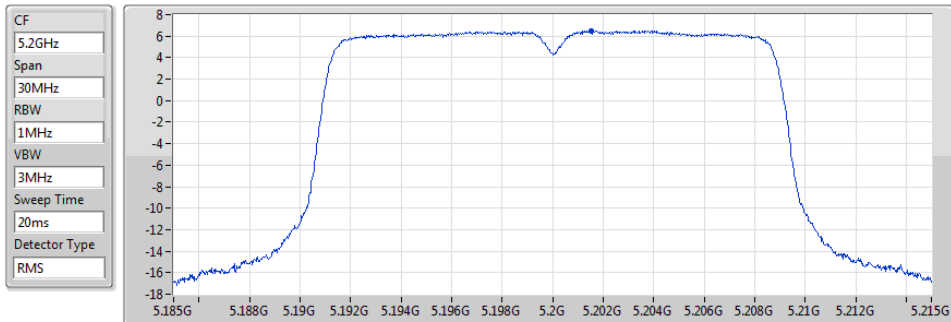
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.39	3.39	3.39

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5200MHz

18/12/2019



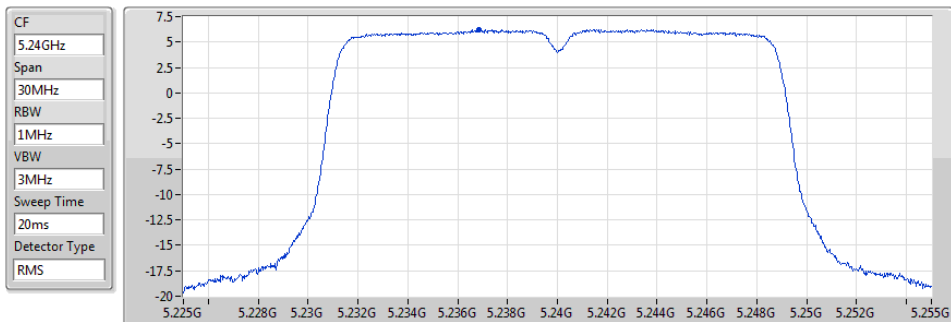
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.50	6.50	6.50

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5240MHz

18/12/2019



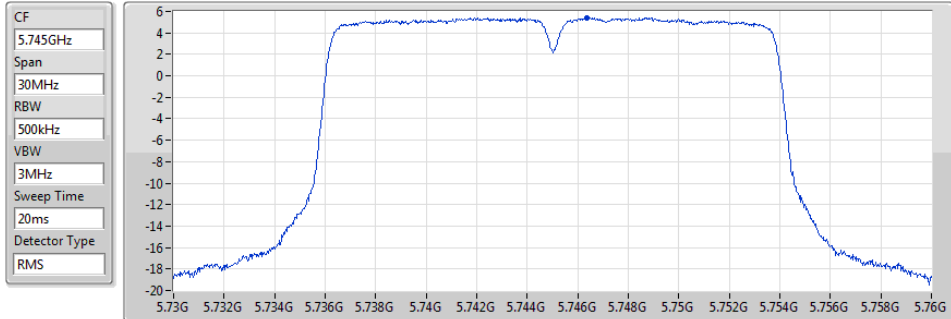
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.24	6.24	6.24

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5745MHz

18/12/2019



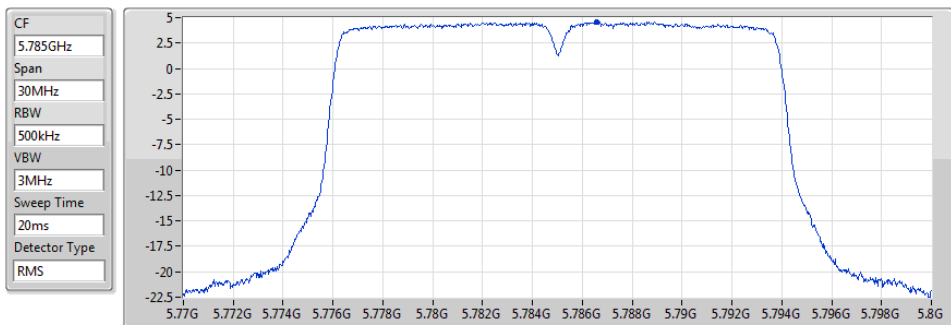
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.43	5.43	5.43

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5785MHz

18/12/2019



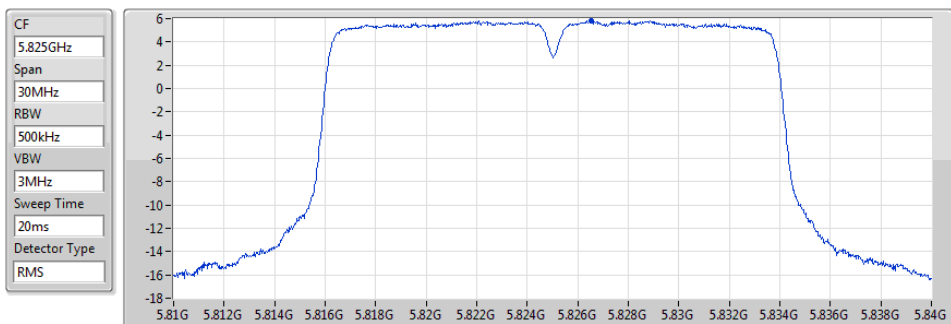
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.57	4.57	4.57

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5825MHz

18/12/2019



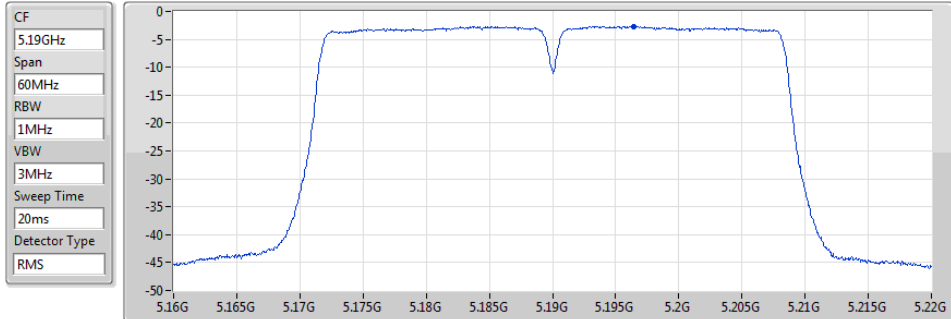
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.84	5.84	5.84

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5190MHz

18/12/2019



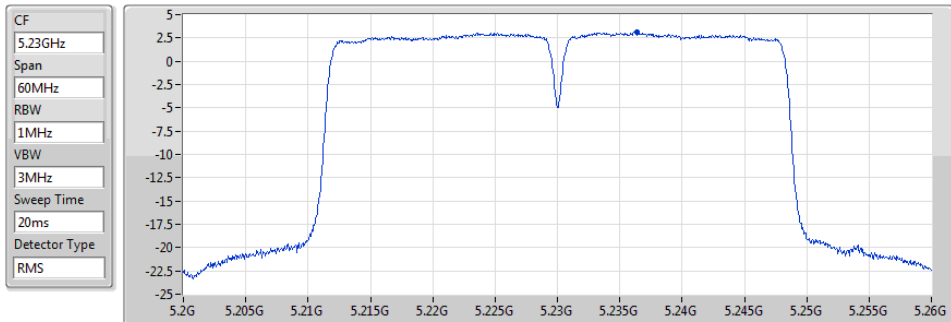
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.64	-2.64	-2.64

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5230MHz

18/12/2019



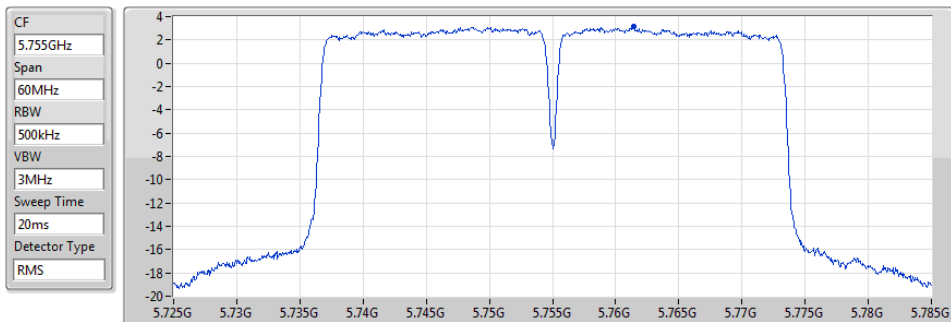
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.09	3.09	3.09

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5755MHz

18/12/2019



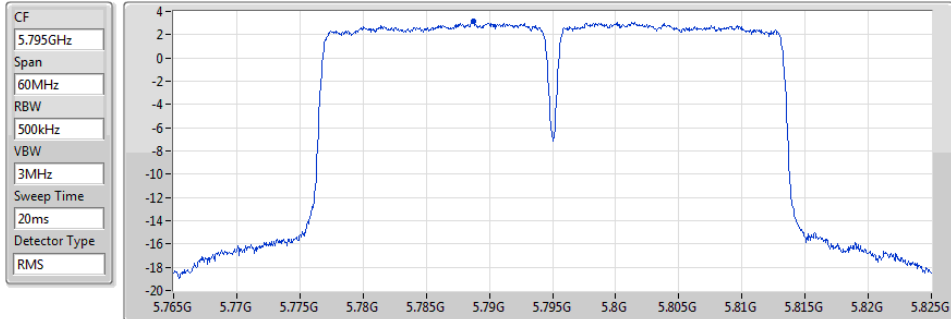
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.12	3.12	3.12

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5795MHz

18/12/2019



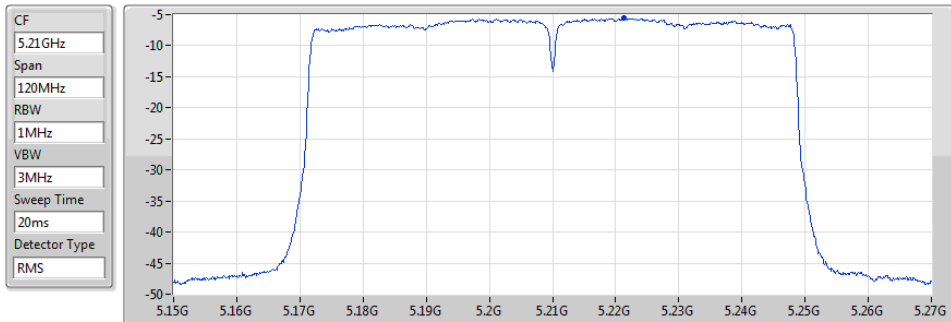
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.17	3.17	3.17

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5210MHz

18/12/2019



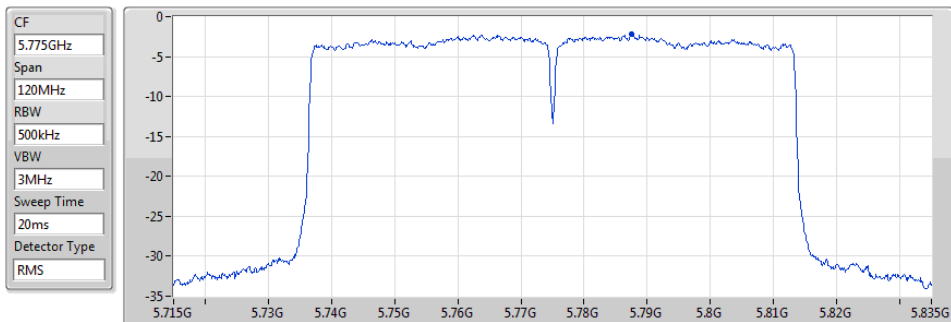
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.56	-5.56	-5.56

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5775MHz

18/12/2019



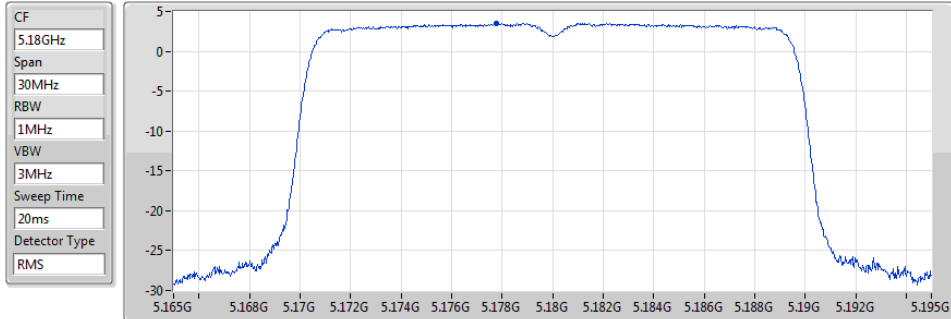
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.21	-2.21	-2.21

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5180MHz

18/12/2019



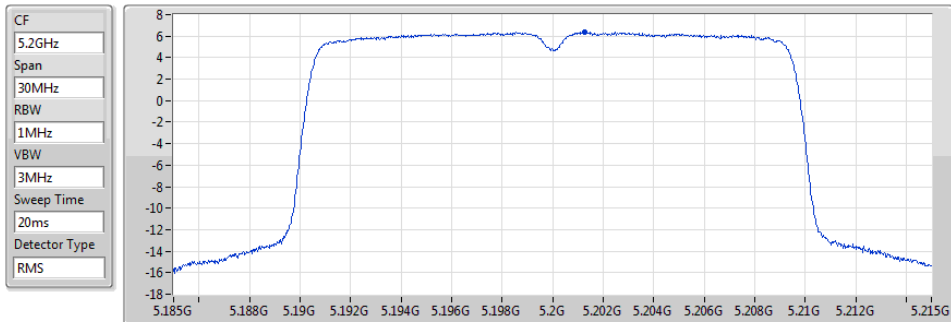
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.49	3.49	3.49

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5200MHz

18/12/2019



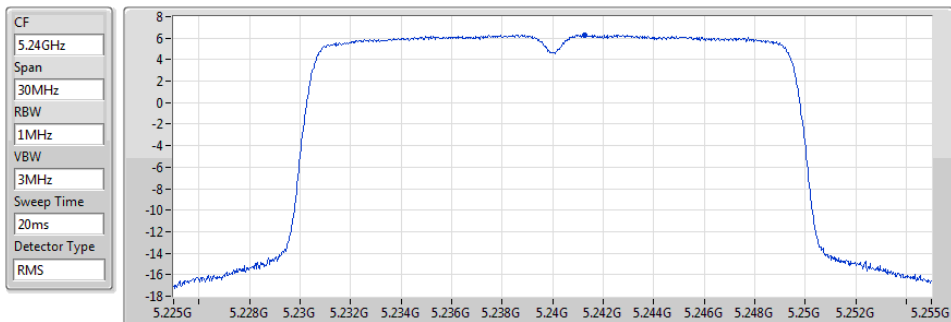
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.36	6.36	6.36

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5240MHz

18/12/2019



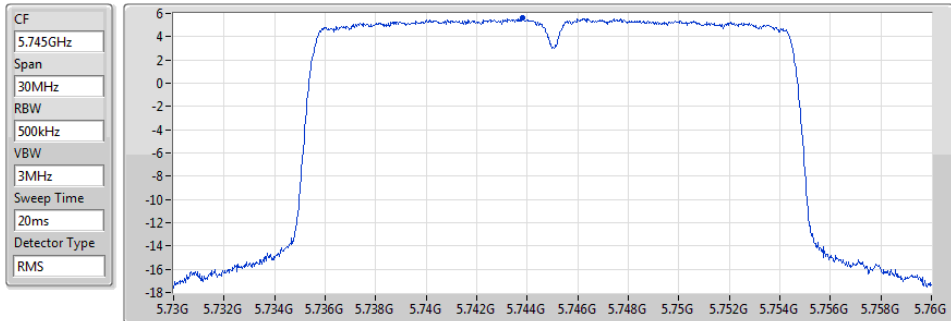
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.32	6.32	6.32

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5745MHz

18/12/2019



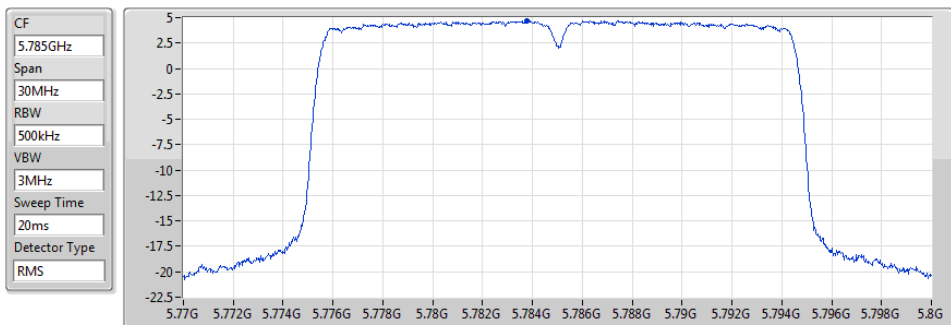
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.60	5.60	5.60

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5785MHz

18/12/2019



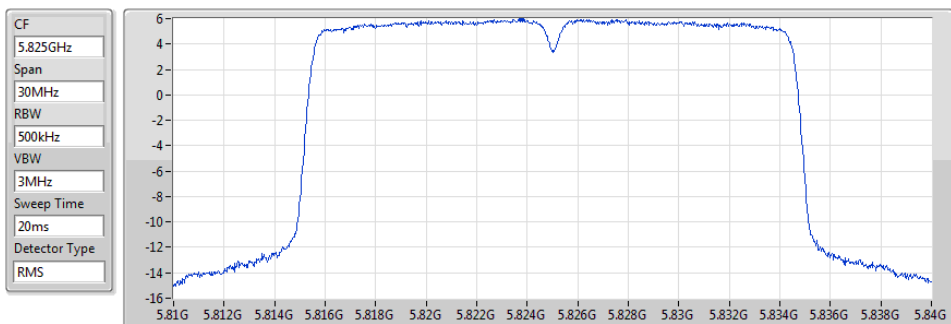
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.73	4.73	4.73

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5825MHz

18/12/2019



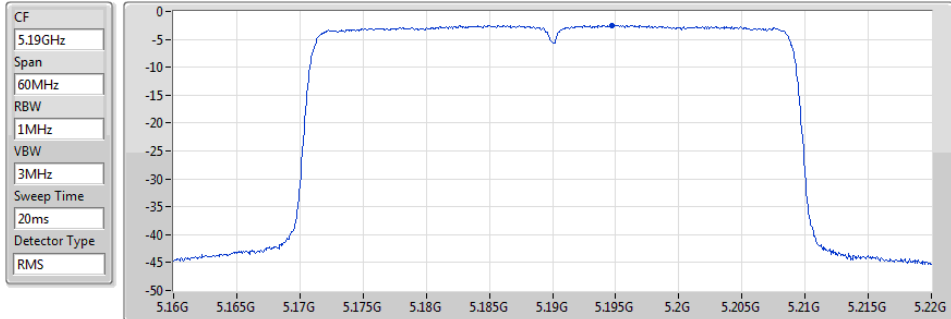
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.97	5.97	5.97

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5190MHz

18/12/2019



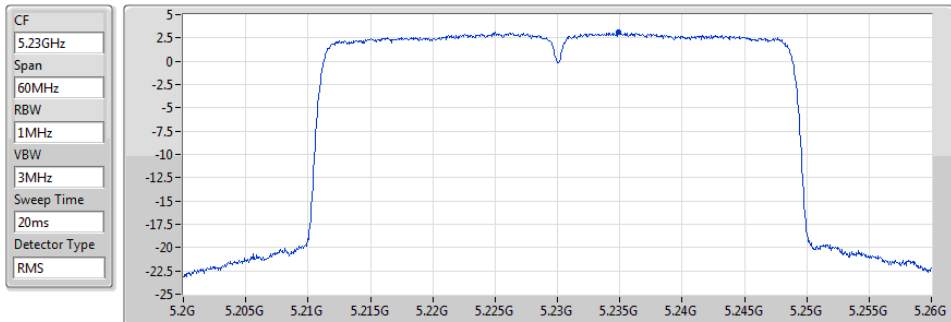
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.45	-2.45	-2.45

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5230MHz

18/12/2019



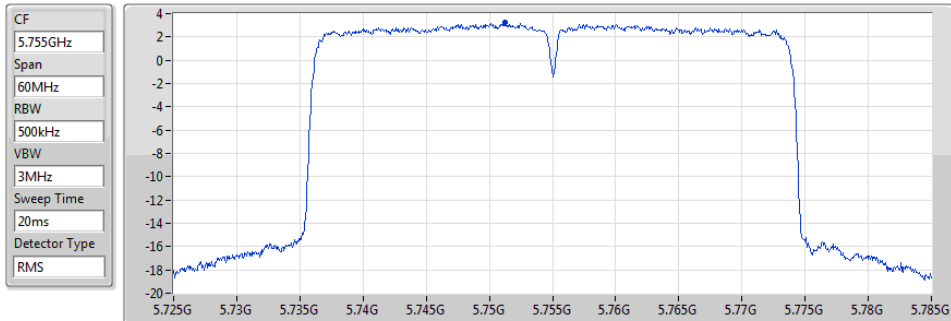
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.08	3.08	3.08

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5755MHz

18/12/2019



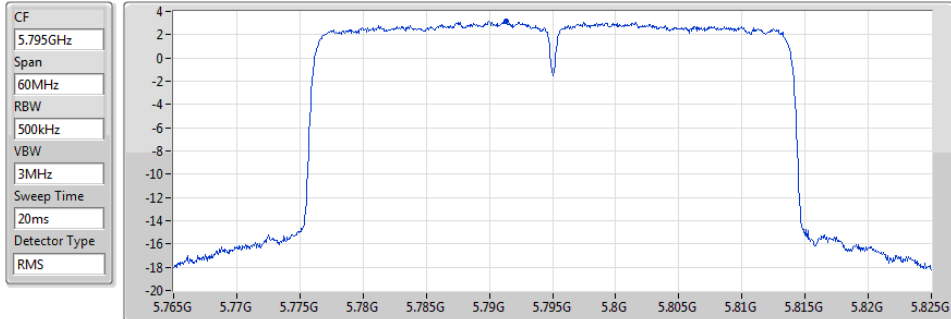
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.21	3.21	3.21

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5795MHz

18/12/2019



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.18	3.18	3.18

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5210MHz

18/12/2019



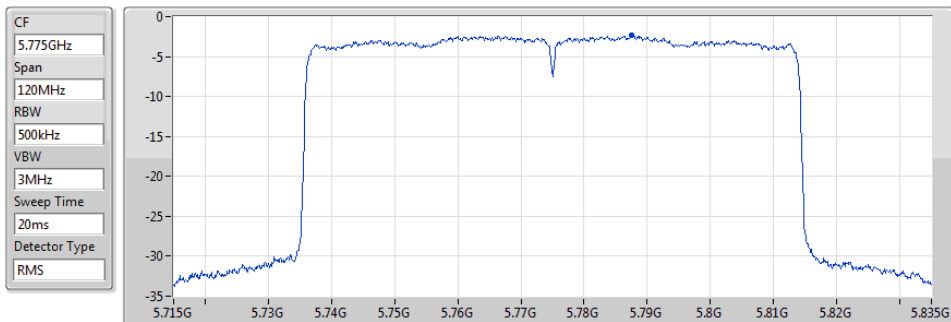
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.11	-5.11	-5.11

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5775MHz

18/12/2019



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.38	-2.38	-2.38

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	9.36	20.37
802.11ac VHT20_Nss2,(MCS0)_2TX	8.77	16.77
802.11ac VHT40_Nss2,(MCS0)_2TX	5.27	13.27
802.11ac VHT80_Nss2,(MCS0)_2TX	-3.70	4.30
802.11ax HEW20_Nss2,(MCS0)_2TX	8.65	16.65
802.11ax HEW40_Nss2,(MCS0)_2TX	5.22	13.22
802.11ax HEW80_Nss2,(MCS0)_2TX	-3.66	4.34
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	9.36	20.37
802.11ac VHT20_Nss2,(MCS0)_2TX	10.13	18.13
802.11ac VHT40_Nss2,(MCS0)_2TX	5.44	13.44
802.11ac VHT80_Nss2,(MCS0)_2TX	-1.61	6.39
802.11ax HEW20_Nss2,(MCS0)_2TX	10.06	18.06
802.11ax HEW40_Nss2,(MCS0)_2TX	5.21	13.21
802.11ax HEW80_Nss2,(MCS0)_2TX	-1.37	6.63

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	11.01	2.32	2.49	5.34	11.99	16.35	23.00
5200MHz_TnomVnom	Pass	11.01	6.19	6.39	9.23	11.99	20.24	23.00
5240MHz_TnomVnom	Pass	11.01	6.30	6.47	9.36	11.99	20.37	23.00
5745MHz_TnomVnom	Pass	11.01	6.13	6.55	9.28	24.99	20.29	36.00
5785MHz_TnomVnom	Pass	11.01	6.03	6.46	9.12	24.99	20.13	36.00
5825MHz_TnomVnom	Pass	11.01	6.24	6.55	9.36	24.99	20.37	36.00
802.11ac_VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	8.00	1.70	1.58	4.60	15.00	12.60	23.00
5200MHz_TnomVnom	Pass	8.00	5.49	5.55	8.53	15.00	16.53	23.00
5240MHz_TnomVnom	Pass	8.00	5.79	5.90	8.77	15.00	16.77	23.00
5745MHz_TnomVnom	Pass	8.00	6.86	7.16	9.91	28.00	17.91	36.00
5785MHz_TnomVnom	Pass	8.00	7.26	7.23	10.13	28.00	18.13	36.00
5825MHz_TnomVnom	Pass	8.00	6.95	7.16	10.02	28.00	18.02	36.00
802.11ac_VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	8.00	-2.25	-3.52	0.02	15.00	8.02	23.00
5230MHz_TnomVnom	Pass	8.00	2.79	1.88	5.27	15.00	13.27	23.00
5755MHz_TnomVnom	Pass	8.00	1.09	0.63	3.83	28.00	11.83	36.00
5795MHz_TnomVnom	Pass	8.00	2.54	2.35	5.44	28.00	13.44	36.00
802.11ac_VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	8.00	-6.43	-6.91	-3.70	15.00	4.30	23.00
5775MHz_TnomVnom	Pass	8.00	-4.45	-4.55	-1.61	28.00	6.39	36.00
802.11ax_HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	8.00	1.64	1.69	4.63	15.00	12.63	23.00
5200MHz_TnomVnom	Pass	8.00	5.19	5.51	8.33	15.00	16.33	23.00
5240MHz_TnomVnom	Pass	8.00	5.57	5.83	8.65	15.00	16.65	23.00
5745MHz_TnomVnom	Pass	8.00	6.75	7.11	9.81	28.00	17.81	36.00
5785MHz_TnomVnom	Pass	8.00	7.23	7.19	10.06	28.00	18.06	36.00
5825MHz_TnomVnom	Pass	8.00	6.88	7.30	9.92	28.00	17.92	36.00
802.11ax_HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	8.00	-2.56	-3.46	-0.04	15.00	7.96	23.00
5230MHz_TnomVnom	Pass	8.00	2.64	2.07	5.22	15.00	13.22	23.00
5755MHz_TnomVnom	Pass	8.00	1.04	0.62	3.81	28.00	11.81	36.00
5795MHz_TnomVnom	Pass	8.00	2.43	2.18	5.21	28.00	13.21	36.00
802.11ax_HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	8.00	-6.18	-6.97	-3.66	15.00	4.34	23.00
5775MHz_TnomVnom	Pass	8.00	-4.27	-4.47	-1.37	28.00	6.63	36.00

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

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

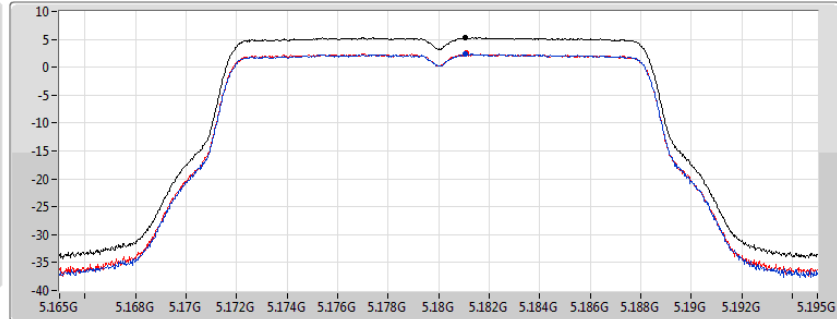
802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

18/12/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.34	5.34	2.32	2.49

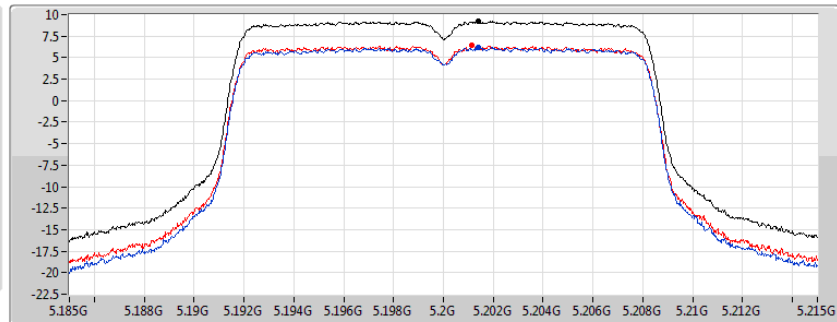
802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

18/12/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.23	9.23	6.19	6.39

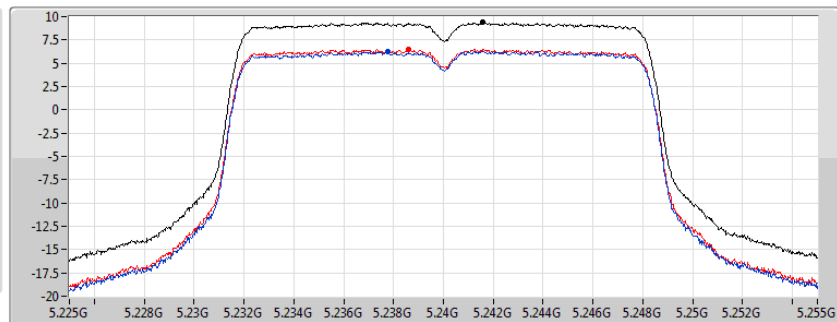
802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

18/12/2019

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



Sum
Port 1
Port 2

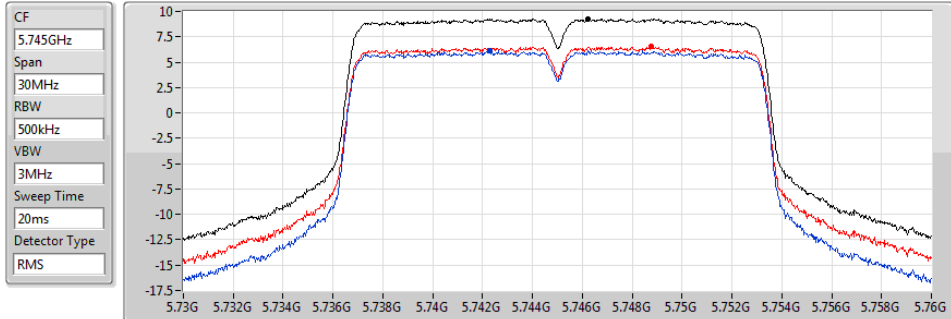
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.36	9.36	6.30	6.47

802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

18/12/2019



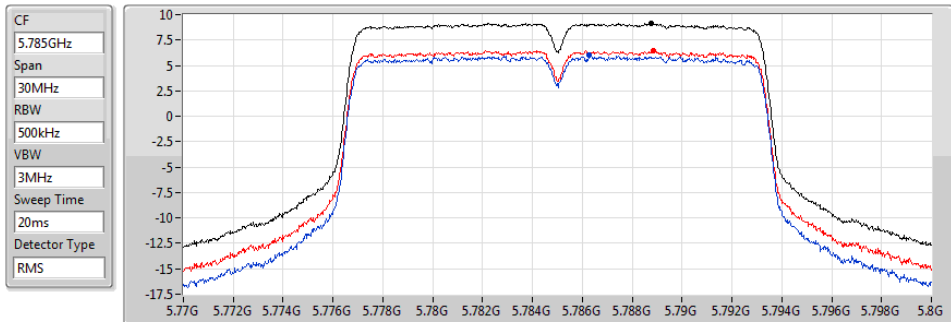
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.28	9.28	6.13	6.55

802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

18/12/2019



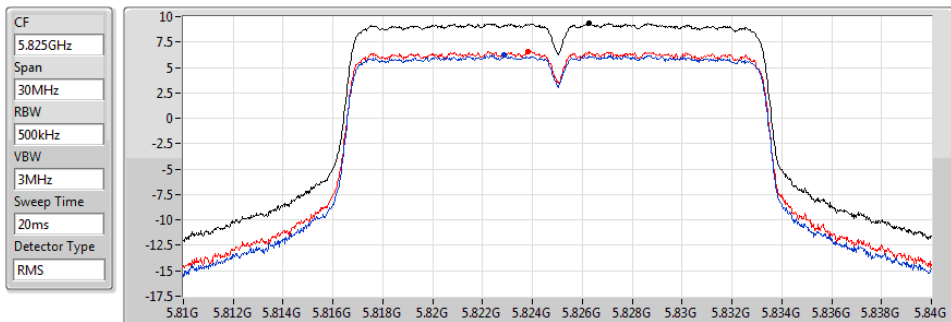
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.12	9.12	6.03	6.46

802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

18/12/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.36	9.36	6.24	6.55

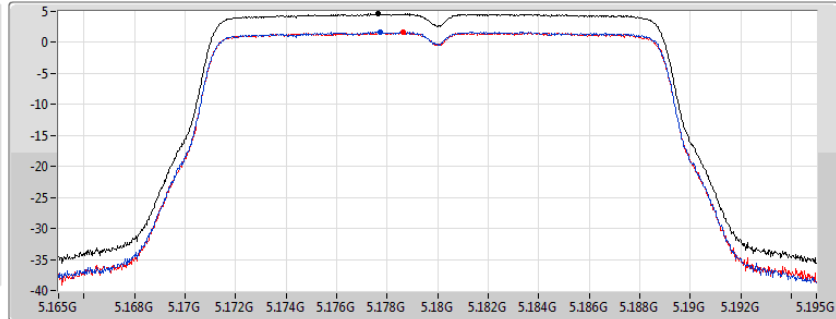
802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5180MHz

18/12/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.60	4.60	1.70	1.58

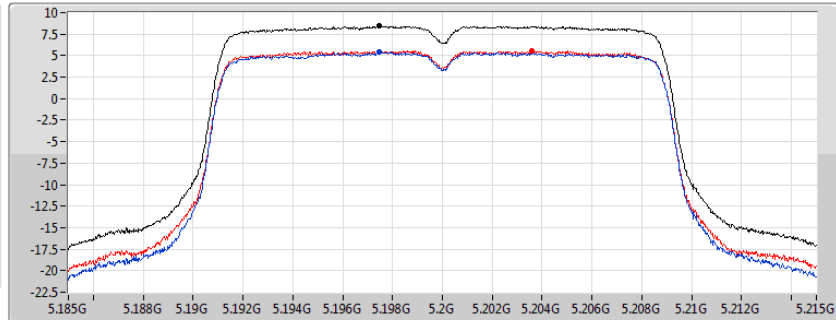
802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5200MHz

18/12/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.53	8.53	5.49	5.55

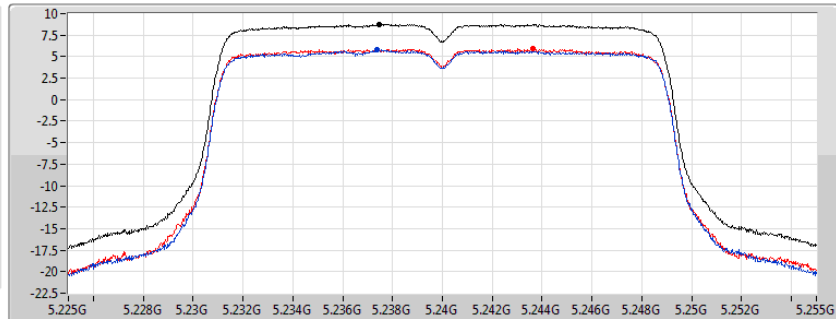
802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5240MHz

18/12/2019

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



Sum
Port 1
Port 2

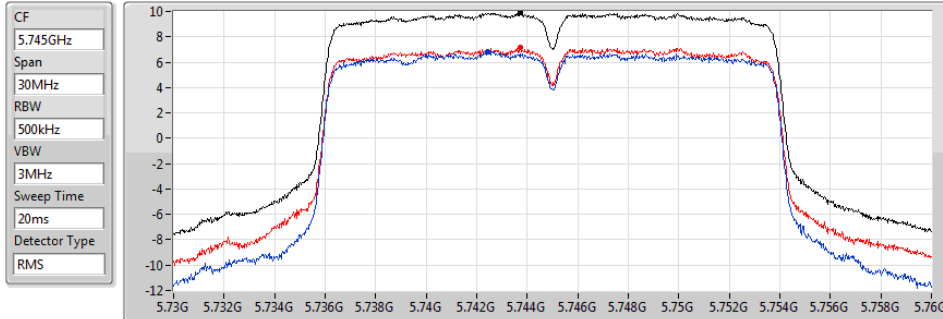
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.77	8.77	5.79	5.90

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5745MHz

18/12/2019



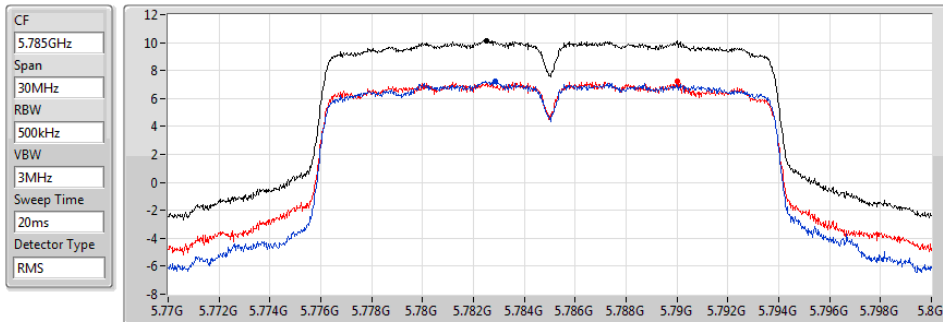
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
9.91	9.91	6.86	7.16

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5785MHz

18/12/2019



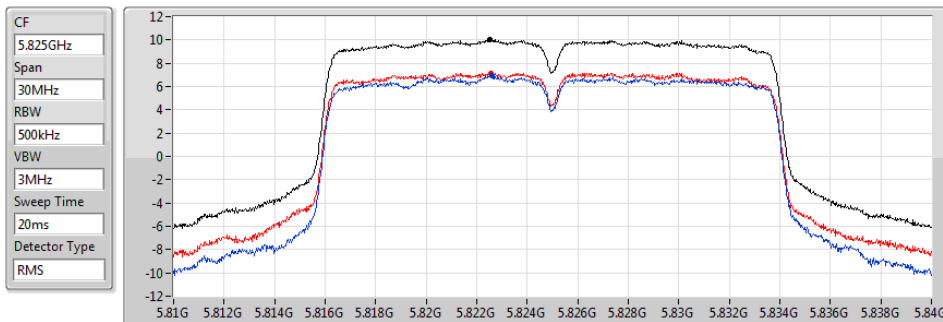
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
10.13	10.13	7.26	7.23

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5825MHz

18/12/2019



Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
10.02	10.02	6.95	7.16

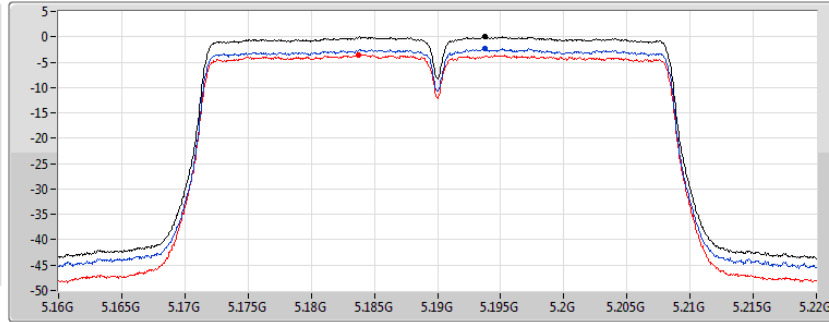
802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5190MHz

18/12/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.02	0.02	-2.25	-3.52

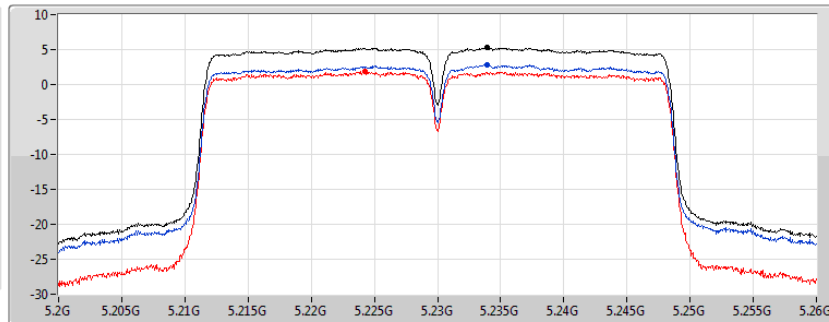
802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5230MHz

18/12/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.27	5.27	2.79	1.88

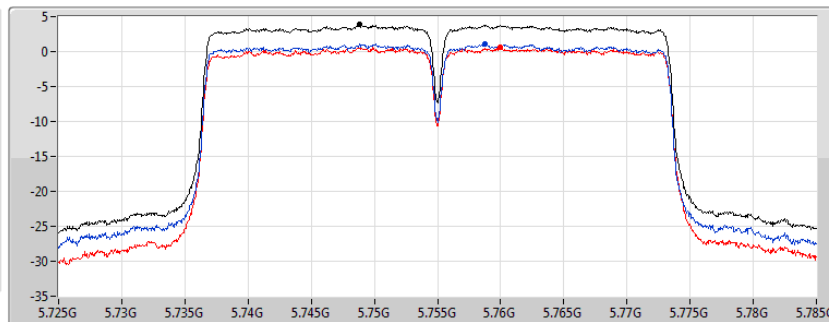
802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5755MHz

18/12/2019

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



Sum
Port 1
Port 2

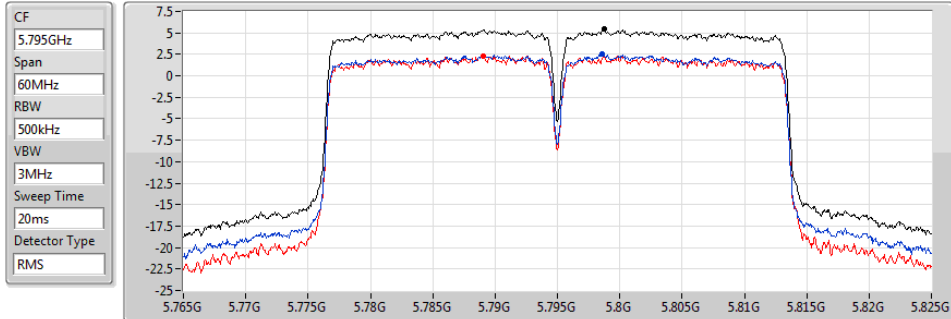
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.83	3.83	1.09	0.63

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5795MHz

18/12/2019



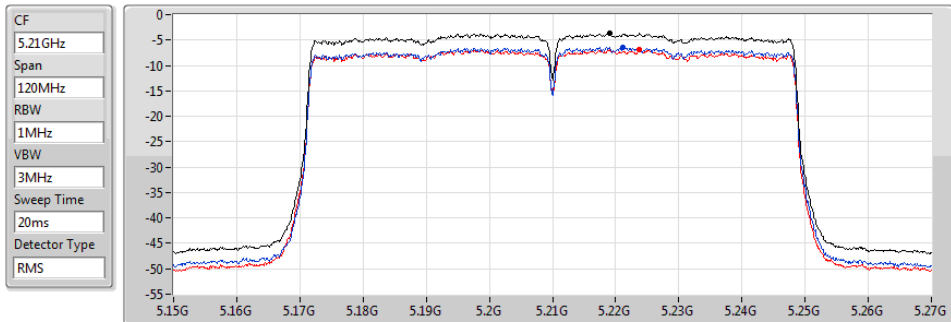
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.44	5.44	2.54	2.35

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5210MHz

18/12/2019



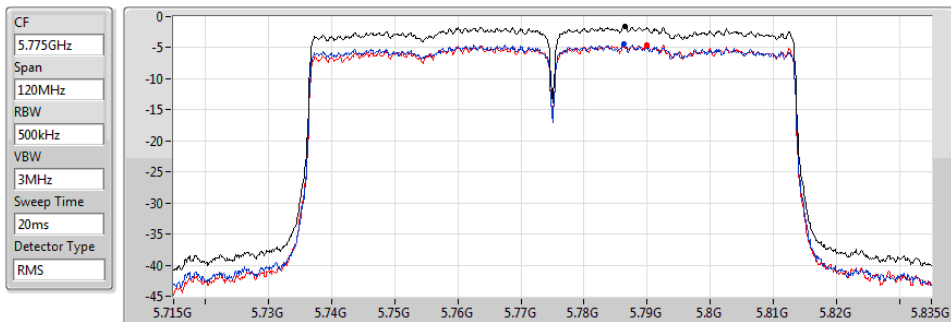
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.70	-3.70	-6.43	-6.91

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5775MHz

18/12/2019



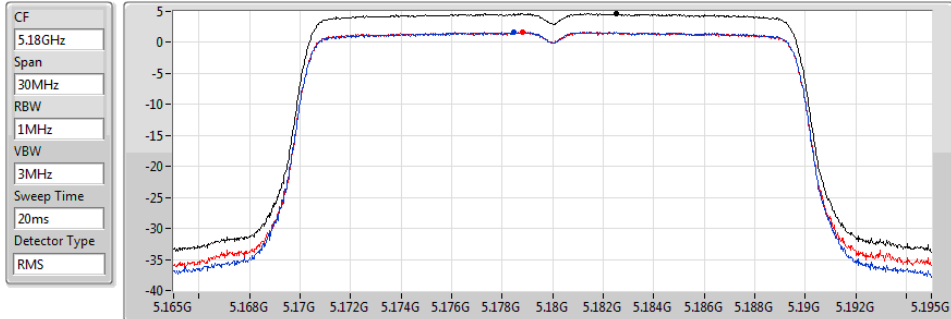
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.61	-1.61	-4.45	-4.55

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5180MHz

18/12/2019



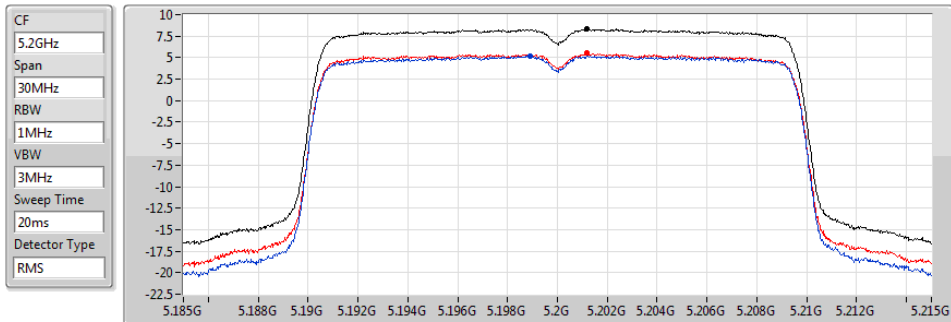
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.63	4.63	1.64	1.69

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5200MHz

18/12/2019



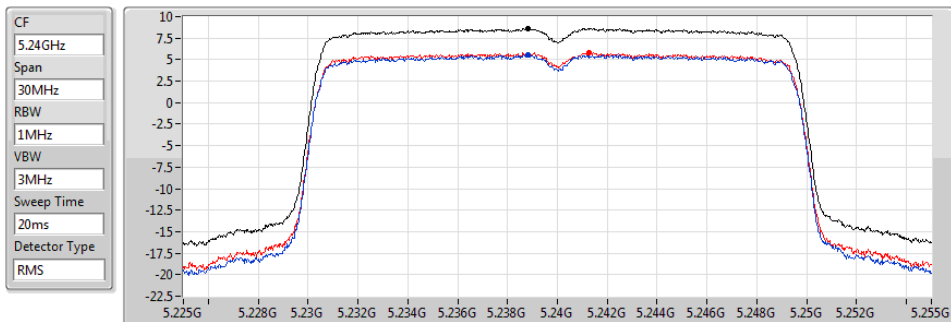
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.33	8.33	5.19	5.51

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5240MHz

18/12/2019



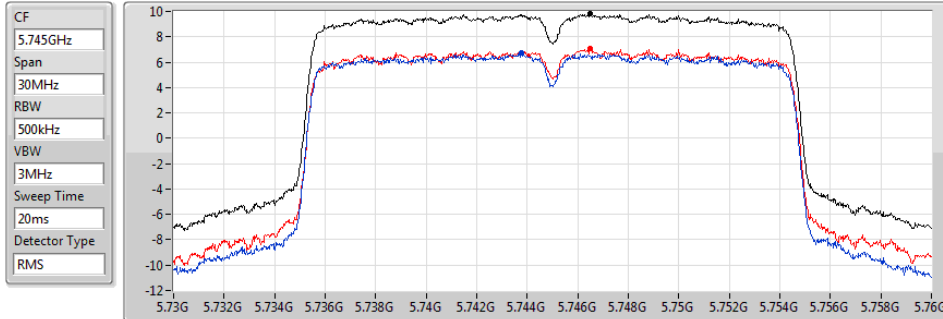
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.65	8.65	5.57	5.83

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5745MHz

18/12/2019



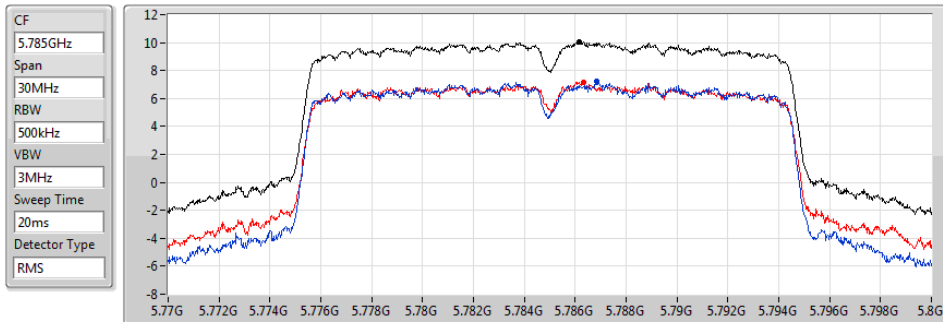
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.81	9.81	6.75	7.11

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5785MHz

18/12/2019



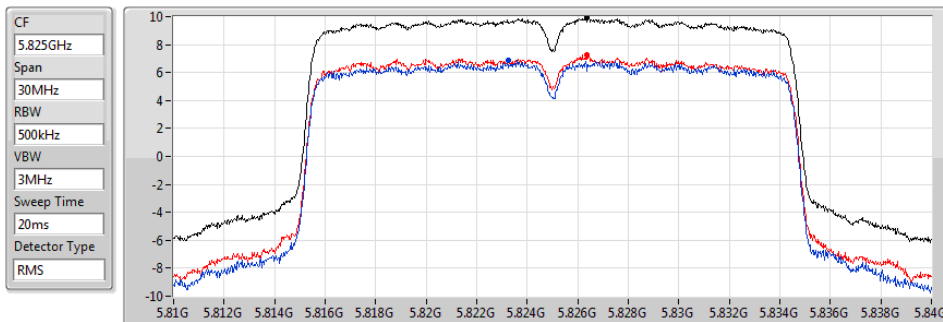
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.06	10.06	7.23	7.19

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5825MHz

18/12/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.92	9.92	6.88	7.30

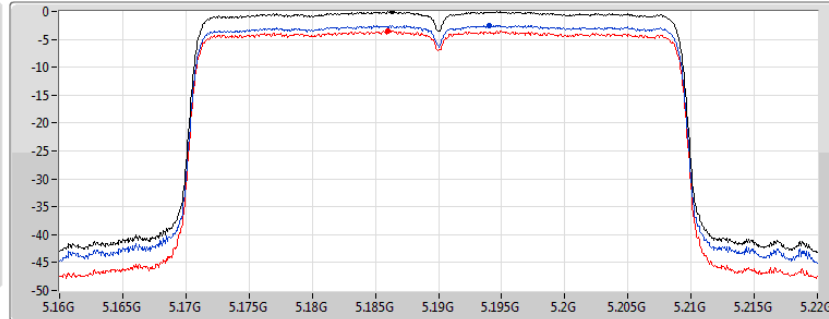
802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5190MHz

18/12/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.04	-0.04	-2.56	-3.46

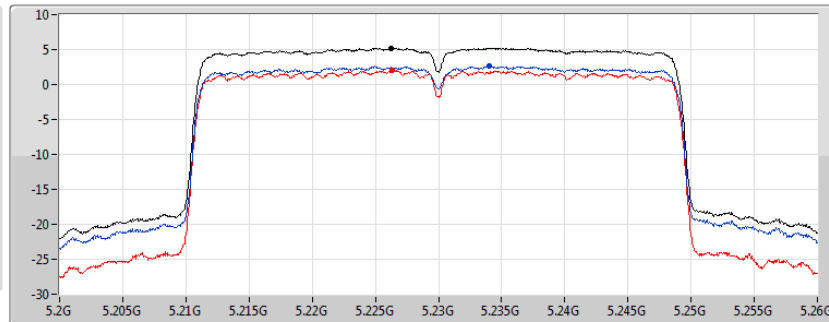
802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5230MHz

18/12/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.22	5.22	2.64	2.07

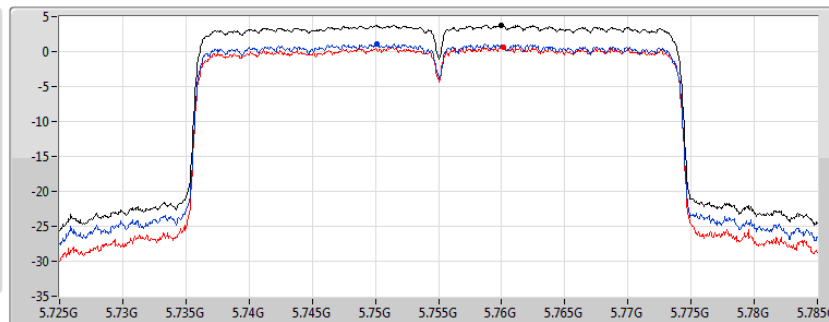
802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5755MHz

18/12/2019

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



Sum
Port 1
Port 2

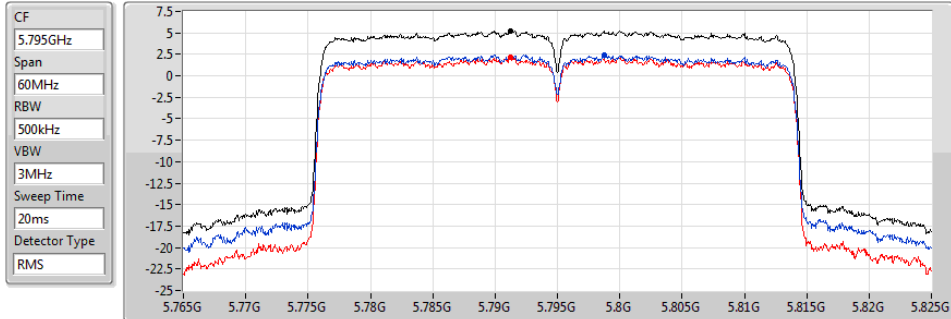
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.81	3.81	1.04	0.62

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5795MHz

18/12/2019



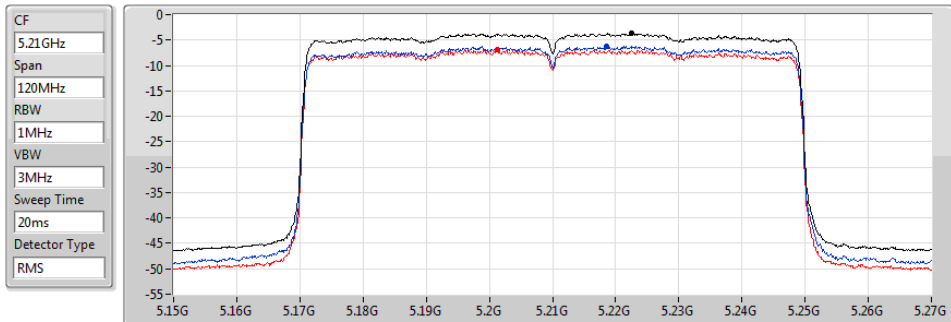
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.21	5.21	2.43	2.18

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5210MHz

18/12/2019



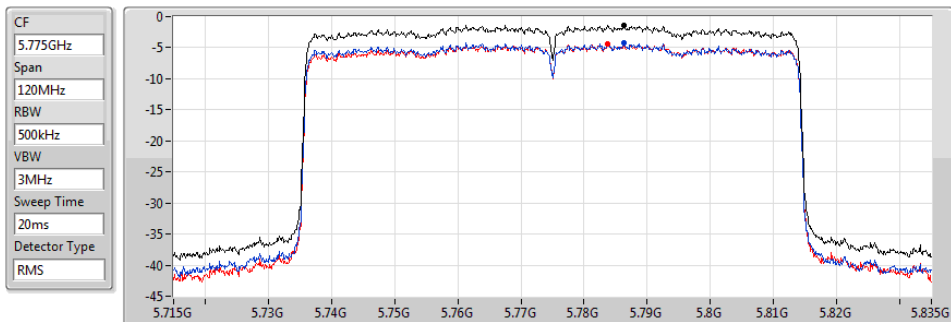
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.66	-3.66	-6.18	-6.97

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5775MHz

18/12/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.37	-1.37	-4.27	-4.47

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	6.95	17.65
802.11ac VHT20_Nss1,(MCS0)_1TX	6.05	16.75
802.11ac VHT40_Nss1,(MCS0)_1TX	2.67	13.37
802.11ac VHT80_Nss1,(MCS0)_1TX	-5.71	4.99
802.11ax HEW20_Nss1,(MCS0)_1TX	5.98	16.68
802.11ax HEW40_Nss1,(MCS0)_1TX	2.98	13.68
802.11ax HEW80_Nss1,(MCS0)_1TX	-5.58	5.12
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	7.83	18.53
802.11ac VHT20_Nss1,(MCS0)_1TX	7.54	18.24
802.11ac VHT40_Nss1,(MCS0)_1TX	3.19	13.89
802.11ac VHT80_Nss1,(MCS0)_1TX	-3.10	7.60
802.11ax HEW20_Nss1,(MCS0)_1TX	7.27	17.97
802.11ax HEW40_Nss1,(MCS0)_1TX	3.20	13.90
802.11ax HEW80_Nss1,(MCS0)_1TX	-3.19	7.51

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	10.70	3.34	3.34	12.30	14.04	23.00
5200MHz	Pass	10.70	6.95	6.95	12.30	17.65	23.00
5240MHz	Pass	10.70	6.23	6.23	12.30	16.93	23.00
5745MHz	Pass	10.70	6.07	6.07	25.30	16.77	36.00
5785MHz	Pass	10.70	5.87	5.87	25.30	16.57	36.00
5825MHz	Pass	10.70	7.83	7.83	25.30	18.53	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	10.70	2.62	2.62	12.30	13.32	23.00
5200MHz	Pass	10.70	6.05	6.05	12.30	16.75	23.00
5240MHz	Pass	10.70	5.96	5.96	12.30	16.66	23.00
5745MHz	Pass	10.70	6.51	6.51	25.30	17.21	36.00
5785MHz	Pass	10.70	7.54	7.54	25.30	18.24	36.00
5825MHz	Pass	10.70	7.41	7.41	25.30	18.11	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	10.70	-2.65	-2.65	12.30	8.05	23.00
5230MHz	Pass	10.70	2.67	2.67	12.30	13.37	23.00
5755MHz	Pass	10.70	2.91	2.91	25.30	13.61	36.00
5795MHz	Pass	10.70	3.19	3.19	25.30	13.89	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	10.70	-5.71	-5.71	12.30	4.99	23.00
5775MHz	Pass	10.70	-3.10	-3.10	25.30	7.60	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	10.70	2.63	2.63	12.30	13.33	23.00
5200MHz	Pass	10.70	5.98	5.98	12.30	16.68	23.00
5240MHz	Pass	10.70	5.87	5.87	12.30	16.57	23.00
5745MHz	Pass	10.70	6.49	6.49	25.30	17.19	36.00
5785MHz	Pass	10.70	7.27	7.27	25.30	17.97	36.00
5825MHz	Pass	10.70	7.14	7.14	25.30	17.84	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	10.70	-2.58	-2.58	12.30	8.12	23.00
5230MHz	Pass	10.70	2.98	2.98	12.30	13.68	23.00
5755MHz	Pass	10.70	2.98	2.98	25.30	13.68	36.00
5795MHz	Pass	10.70	3.20	3.20	25.30	13.90	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	10.70	-5.58	-5.58	12.30	5.12	23.00
5775MHz	Pass	10.70	-3.19	-3.19	25.30	7.51	36.00

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

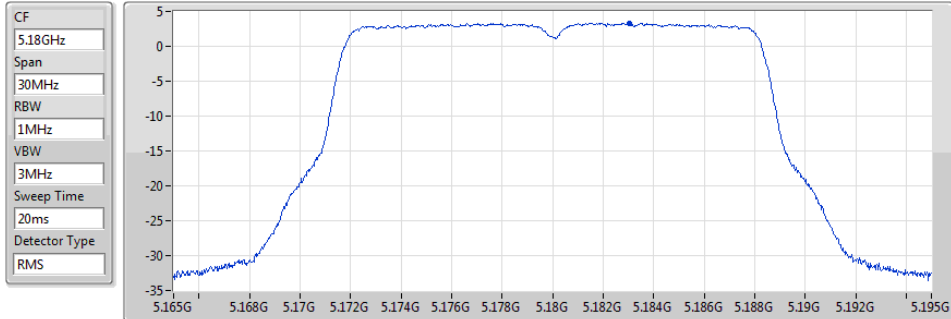
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5180MHz

19/12/2019



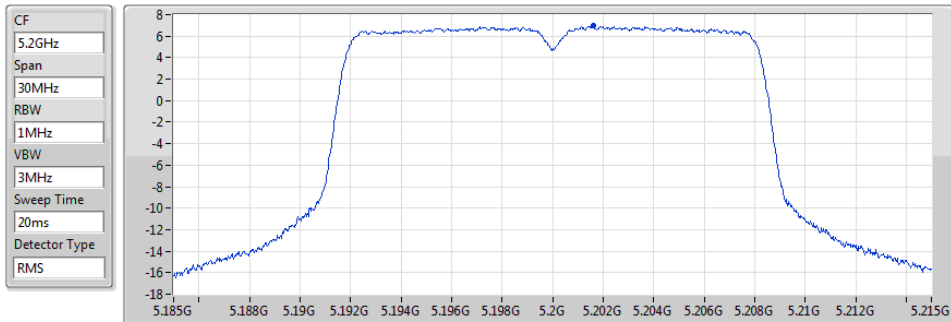
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.34	3.34	3.34

802.11a_Nss1,(6Mbps)_1TX

PSD

5200MHz

19/12/2019



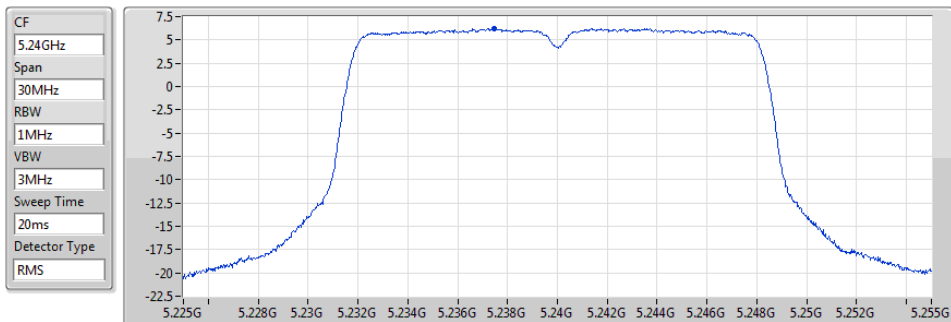
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.95	6.95	6.95

802.11a_Nss1,(6Mbps)_1TX

PSD

5240MHz

19/12/2019



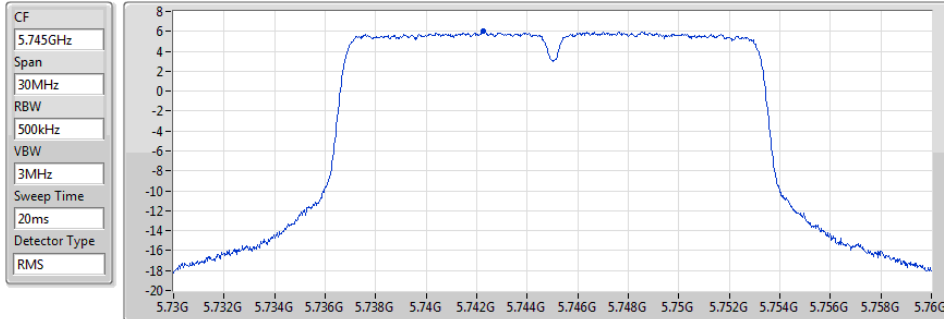
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.23	6.23	6.23

802.11a_Nss1,(6Mbps)_1TX

PSD

5745MHz

19/12/2019



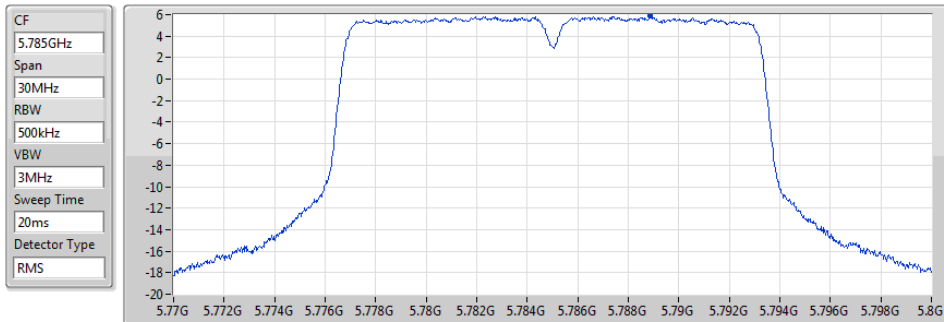
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.07	6.07	6.07

802.11a_Nss1,(6Mbps)_1TX

PSD

5785MHz

19/12/2019



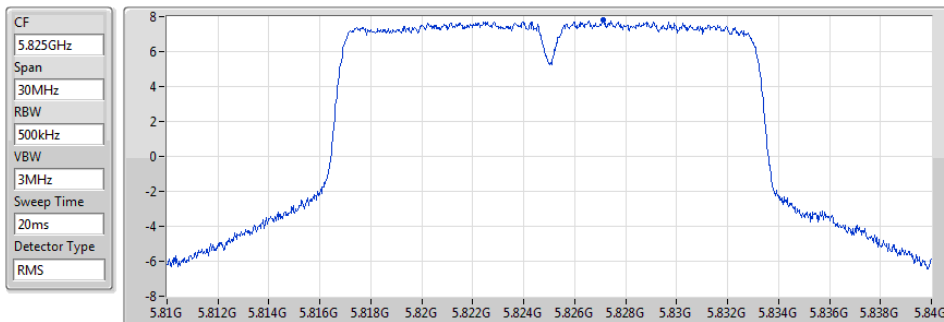
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.87	5.87	5.87

802.11a_Nss1,(6Mbps)_1TX

PSD

5825MHz

19/12/2019



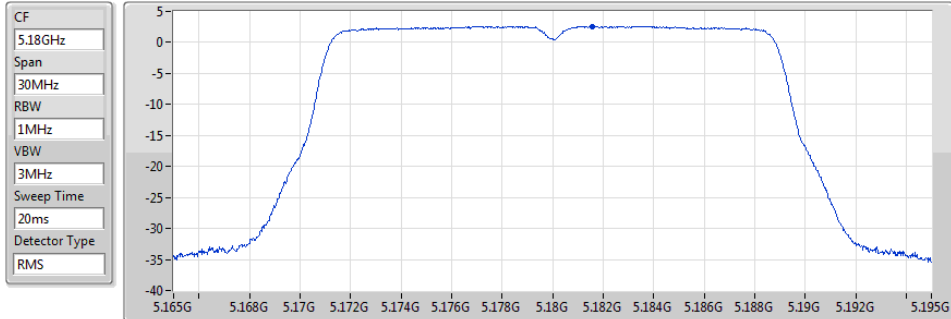
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.83	7.83	7.83

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5180MHz

19/12/2019



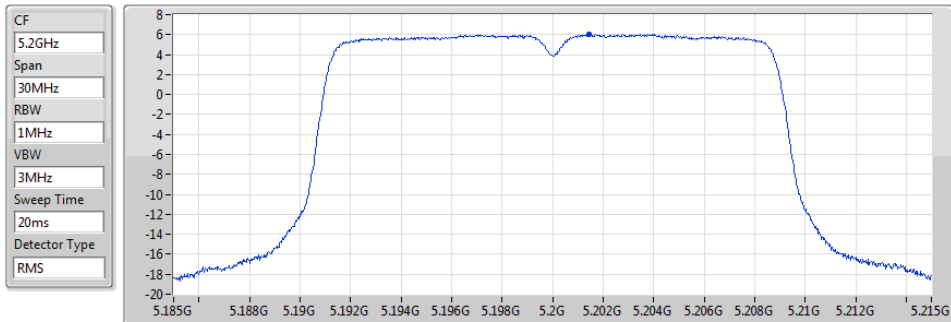
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.62	2.62	2.62

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5200MHz

19/12/2019



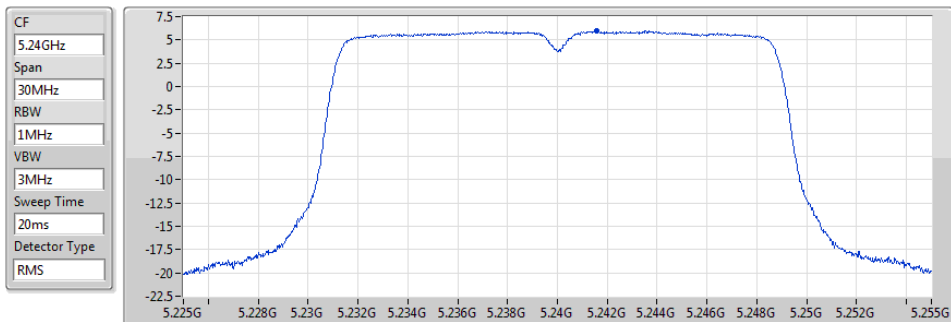
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.05	6.05	6.05

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5240MHz

19/12/2019



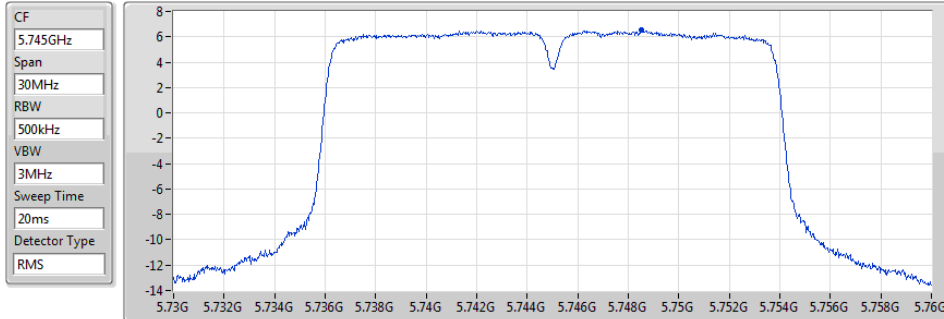
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.96	5.96	5.96

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5745MHz

19/12/2019



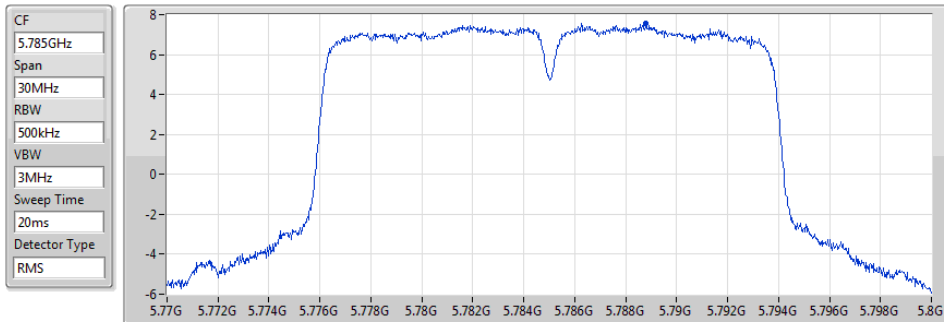
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.51	6.51	6.51

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5785MHz

19/12/2019



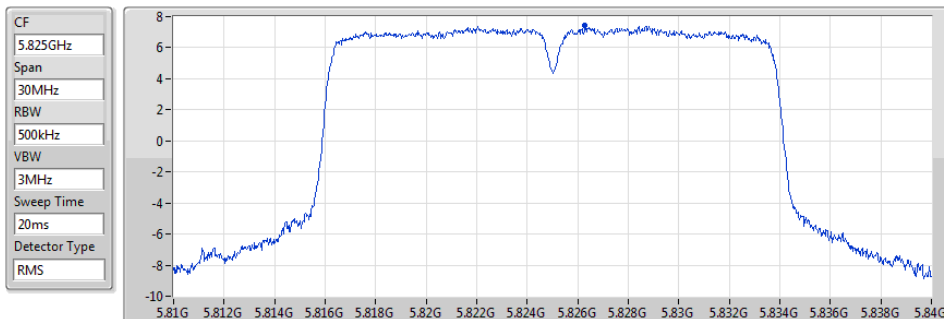
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.54	7.54	7.54

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5825MHz

19/12/2019



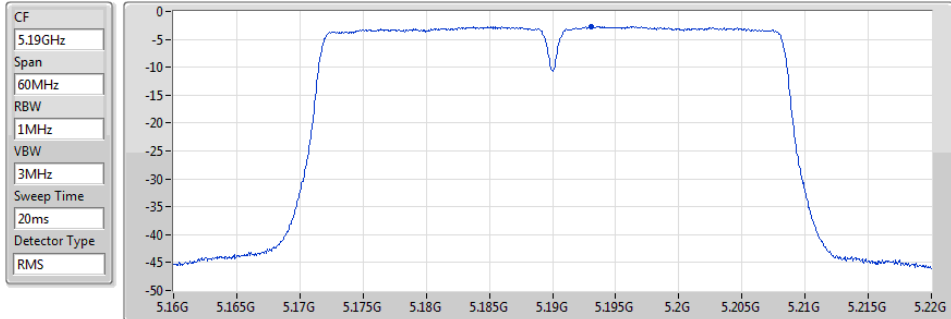
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.41	7.41	7.41

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5190MHz

19/12/2019

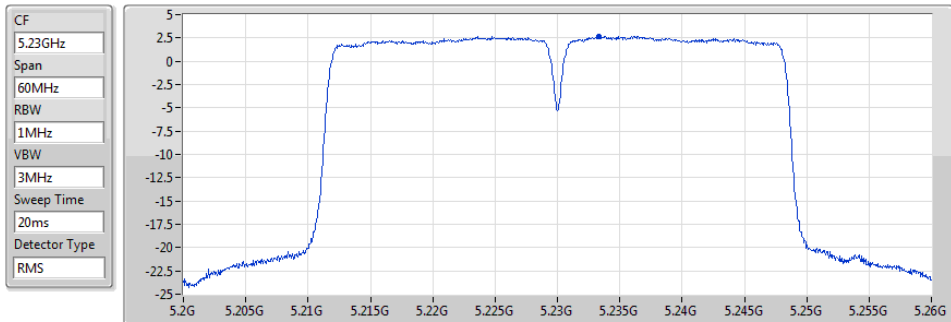


802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5230MHz

19/12/2019

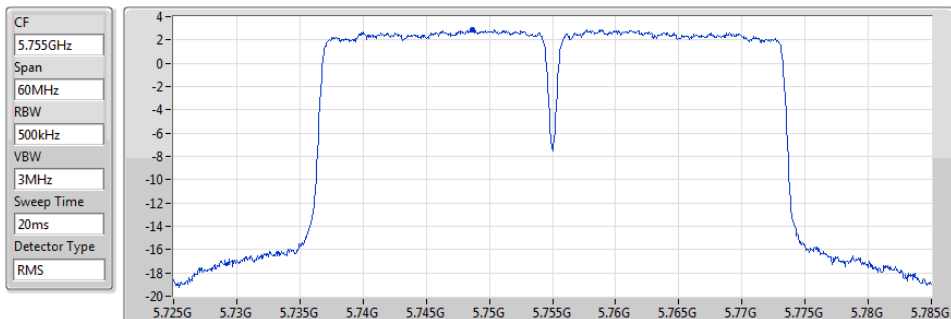


802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5755MHz

19/12/2019

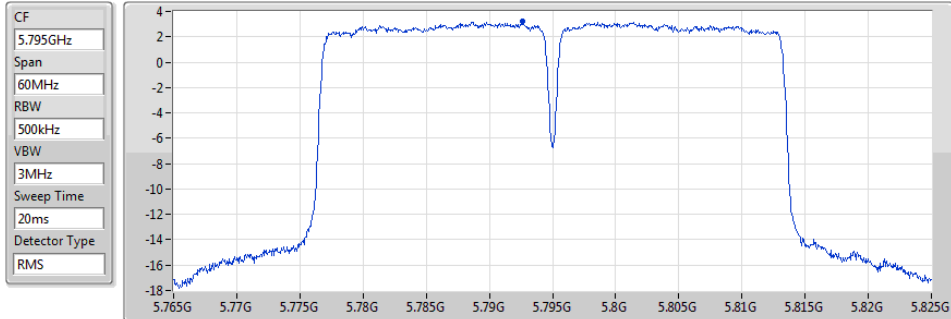


802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5795MHz

19/12/2019



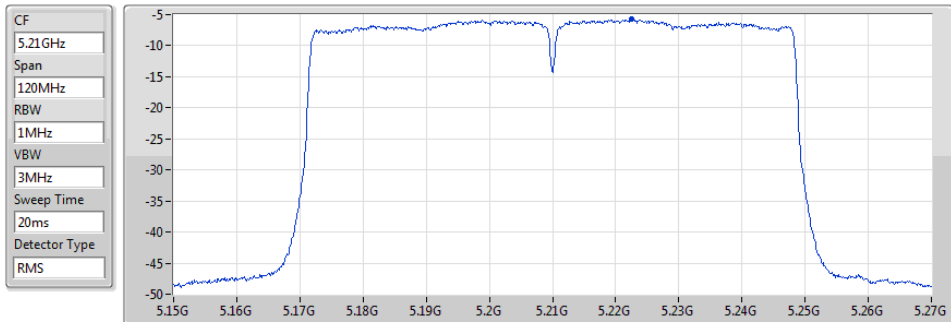
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.19	3.19	3.19

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5210MHz

19/12/2019



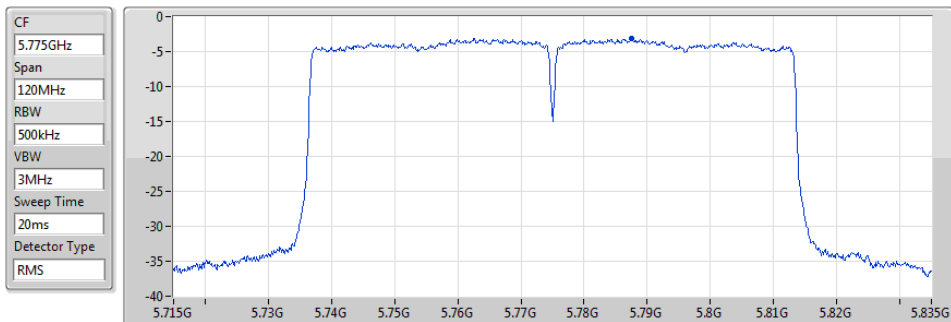
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.71	-5.71	-5.71

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5775MHz

19/12/2019



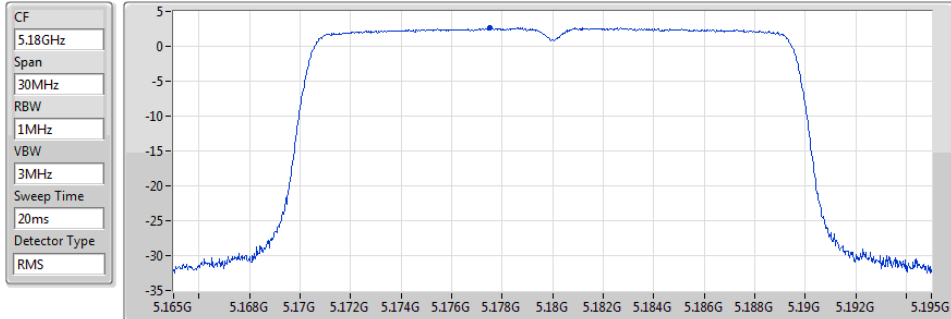
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.10	-3.10	-3.10

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5180MHz

19/12/2019

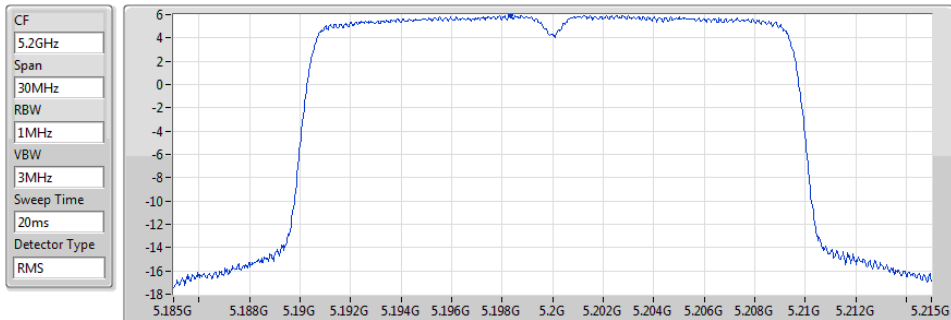


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5200MHz

19/12/2019

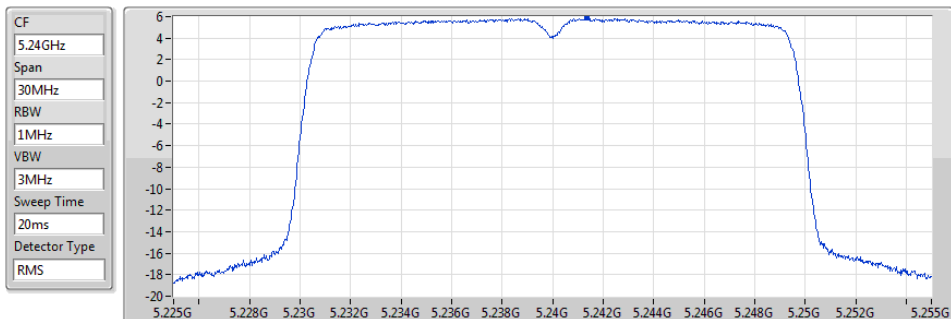


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5240MHz

19/12/2019

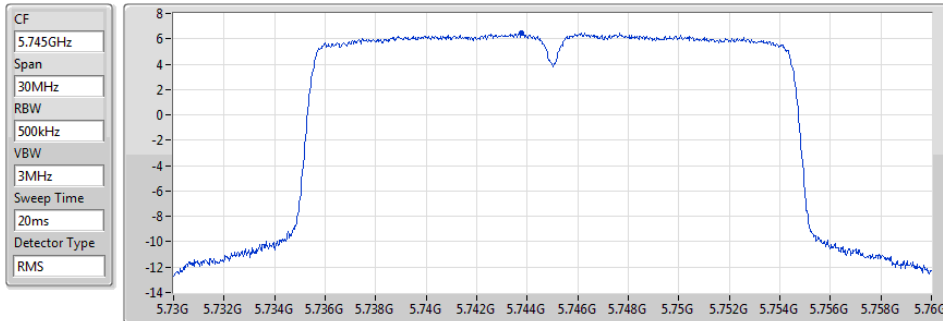


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5745MHz

19/12/2019



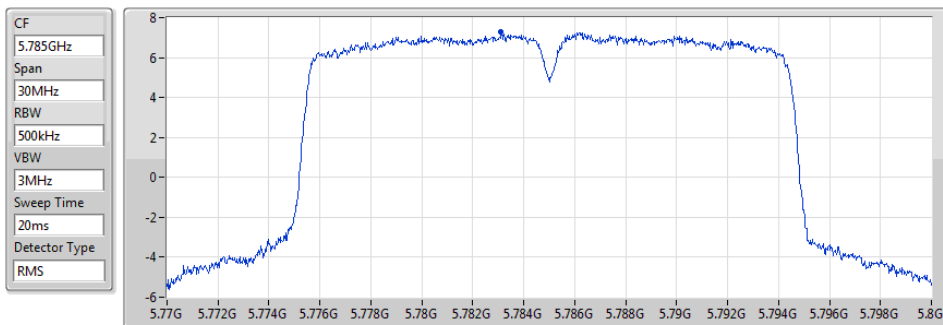
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.49	6.49	6.49

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5785MHz

19/12/2019



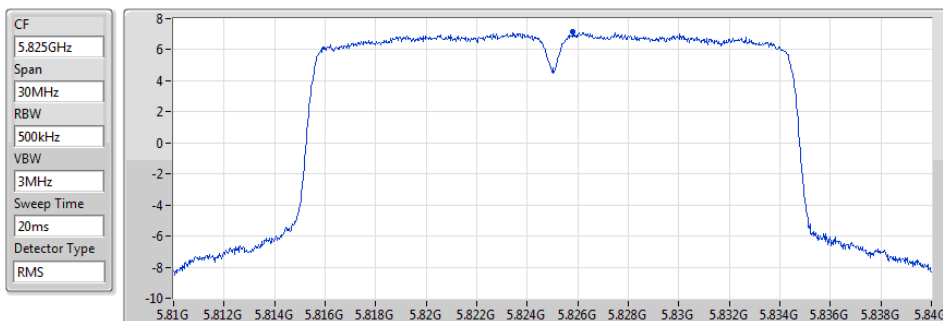
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.27	7.27	7.27

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5825MHz

19/12/2019



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.14	7.14	7.14

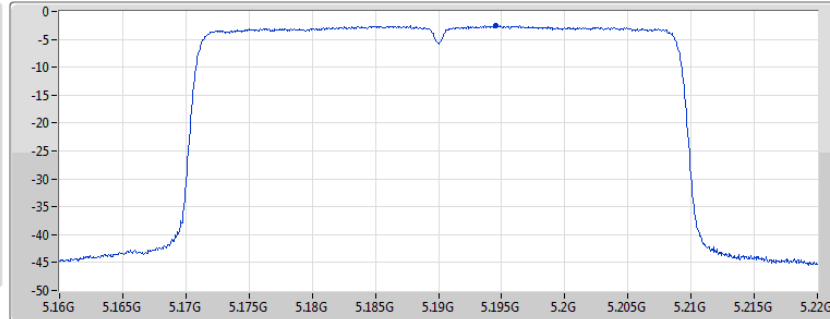
802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5190MHz

19/12/2019

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



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.58	-2.58	-2.58

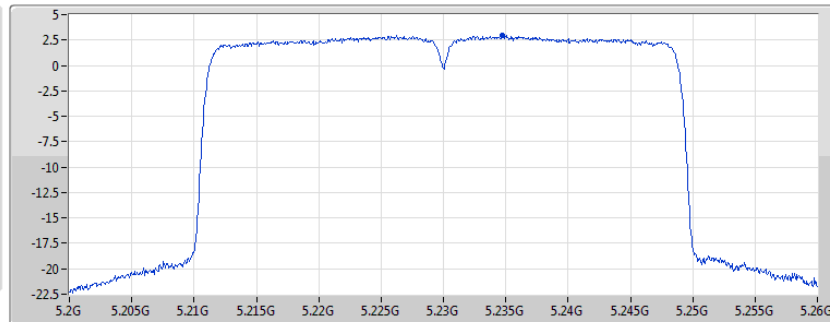
802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5230MHz

19/12/2019

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



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.98	2.98	2.98

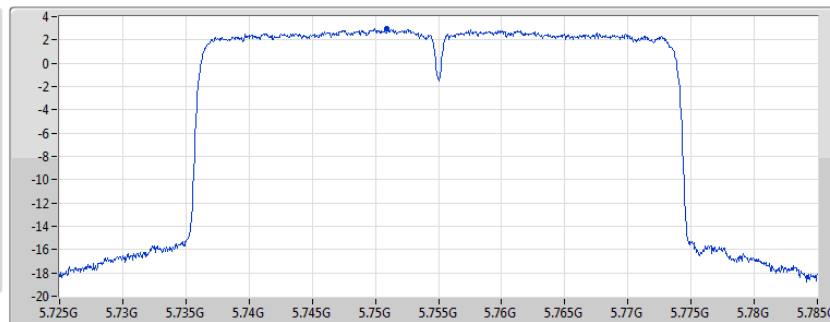
802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5755MHz

19/12/2019

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



Port 1

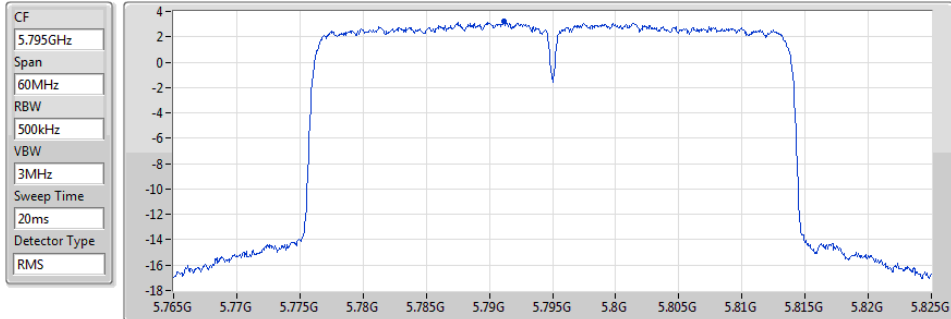
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.98	2.98	2.98

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5795MHz

19/12/2019



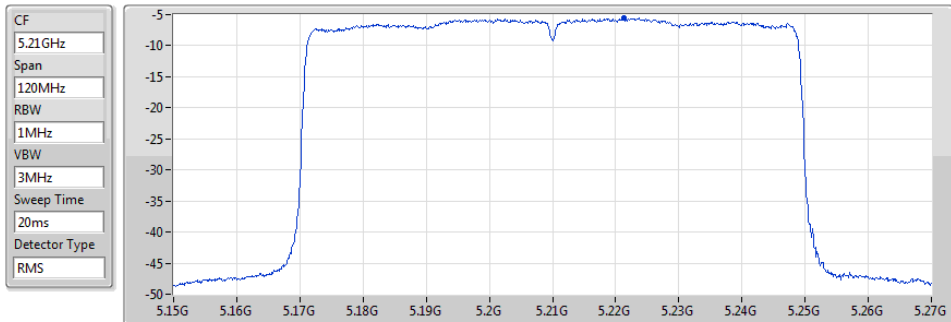
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.20	3.20	3.20

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5210MHz

19/12/2019



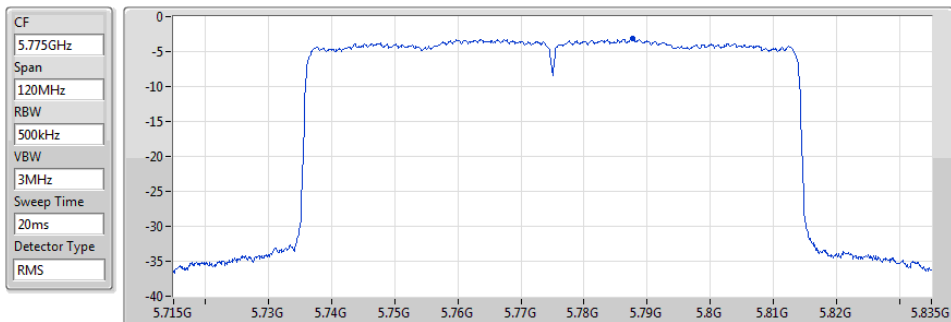
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.58	-5.58	-5.58

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5775MHz

19/12/2019



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.19	-3.19	-3.19

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	9.26	22.97
802.11ac VHT20_Nss2,(MCS0)_2TX	8.99	19.69
802.11ac VHT40_Nss2,(MCS0)_2TX	5.11	15.81
802.11ac VHT80_Nss2,(MCS0)_2TX	-4.45	6.25
802.11ax HEW20_Nss2,(MCS0)_2TX	9.07	19.77
802.11ax HEW40_Nss2,(MCS0)_2TX	5.17	15.87
802.11ax HEW80_Nss2,(MCS0)_2TX	-4.35	6.35
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	9.06	22.77
802.11ac VHT20_Nss2,(MCS0)_2TX	8.89	19.59
802.11ac VHT40_Nss2,(MCS0)_2TX	5.33	16.03
802.11ac VHT80_Nss2,(MCS0)_2TX	-2.83	7.87
802.11ax HEW20_Nss2,(MCS0)_2TX	8.85	19.55
802.11ax HEW40_Nss2,(MCS0)_2TX	5.42	16.12
802.11ax HEW80_Nss2,(MCS0)_2TX	-2.66	8.04

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	13.71	2.77	2.67	5.67	9.29	19.38	23.00
5200MHz	Pass	13.71	5.77	6.01	8.89	9.29	22.60	23.00
5240MHz	Pass	13.71	6.24	6.40	9.26	9.29	22.97	23.00
5745MHz	Pass	13.71	5.88	6.33	9.06	22.29	22.77	36.00
5785MHz	Pass	13.71	3.92	4.14	7.03	22.29	20.74	36.00
5825MHz	Pass	13.71	4.95	5.08	7.96	22.29	21.67	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	10.70	1.86	1.66	4.76	12.30	15.46	23.00
5200MHz	Pass	10.70	5.52	5.65	8.56	12.30	19.26	23.00
5240MHz	Pass	10.70	5.94	6.22	8.99	12.30	19.69	23.00
5745MHz	Pass	10.70	5.80	6.03	8.83	25.30	19.53	36.00
5785MHz	Pass	10.70	5.83	6.24	8.89	25.30	19.59	36.00
5825MHz	Pass	10.70	5.80	6.09	8.85	25.30	19.55	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	10.70	-2.88	-4.02	-0.61	12.30	10.09	23.00
5230MHz	Pass	10.70	2.62	1.66	5.11	12.30	15.81	23.00
5755MHz	Pass	10.70	1.89	1.34	4.58	25.30	15.28	36.00
5795MHz	Pass	10.70	2.67	2.15	5.33	25.30	16.03	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	10.70	-7.07	-7.71	-4.45	12.30	6.25	23.00
5775MHz	Pass	10.70	-5.44	-5.72	-2.83	25.30	7.87	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	10.70	1.75	1.84	4.78	12.30	15.48	23.00
5200MHz	Pass	10.70	5.42	5.55	8.48	12.30	19.18	23.00
5240MHz	Pass	10.70	6.08	6.14	9.07	12.30	19.77	23.00
5745MHz	Pass	10.70	5.63	6.10	8.70	25.30	19.40	36.00
5785MHz	Pass	10.70	5.61	6.14	8.85	25.30	19.55	36.00
5825MHz	Pass	10.70	5.62	6.07	8.85	25.30	19.55	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	10.70	-2.88	-3.92	-0.45	12.30	10.25	23.00
5230MHz	Pass	10.70	2.57	1.80	5.17	12.30	15.87	23.00
5755MHz	Pass	10.70	1.87	1.44	4.53	25.30	15.23	36.00
5795MHz	Pass	10.70	2.60	2.30	5.42	25.30	16.12	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	10.70	-7.02	-7.67	-4.35	12.30	6.35	23.00
5775MHz	Pass	10.70	-5.44	-5.78	-2.66	25.30	8.04	36.00

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

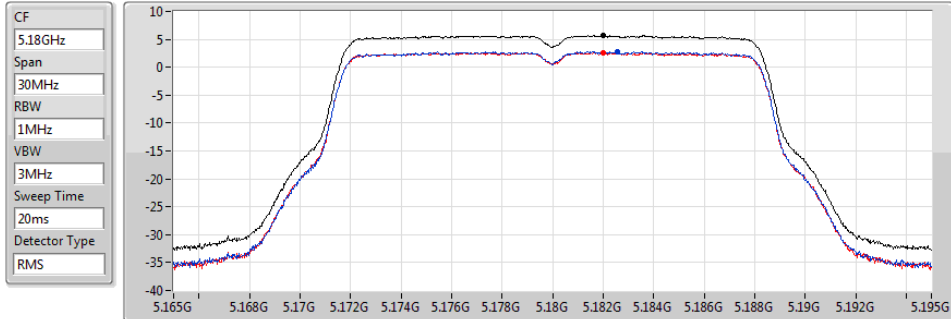
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

19/12/2019



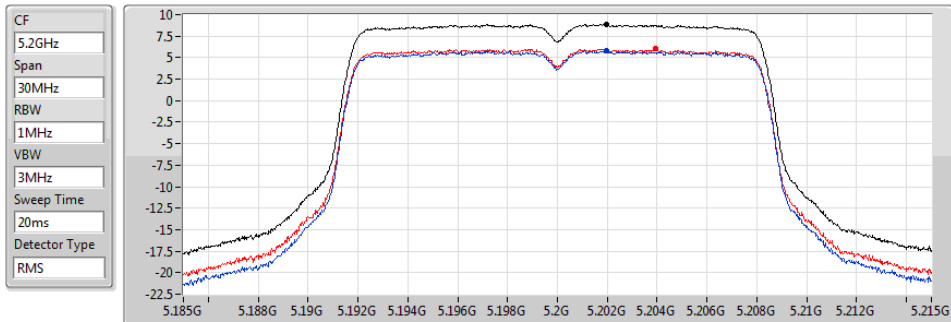
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.67	5.67	2.77	2.67

802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

19/12/2019



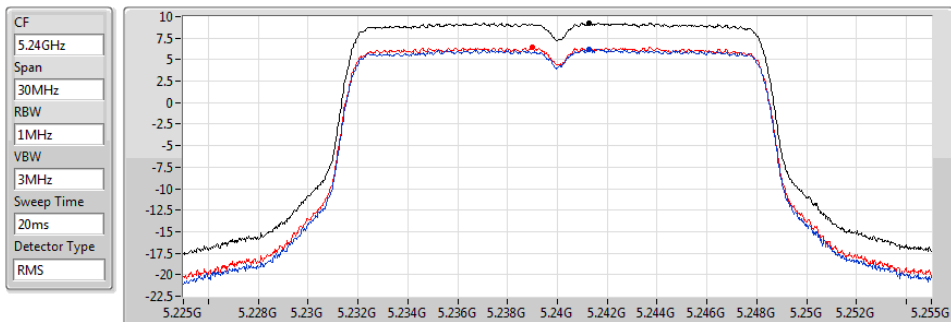
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.89	8.89	5.77	6.01

802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

19/12/2019



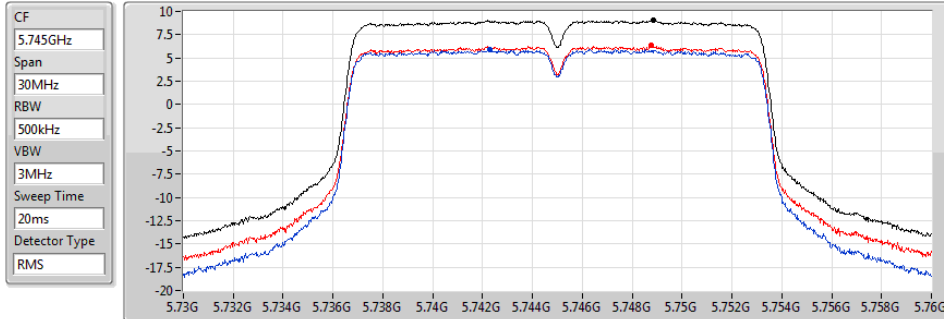
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.26	9.26	6.24	6.40

802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

19/12/2019



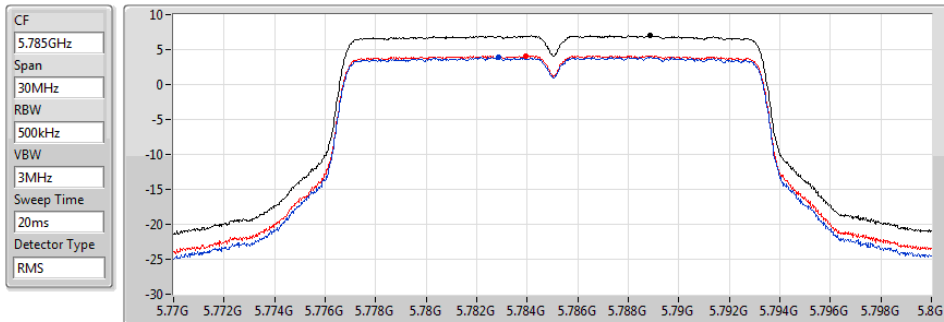
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.06	9.06	5.88	6.33

802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

23/12/2019



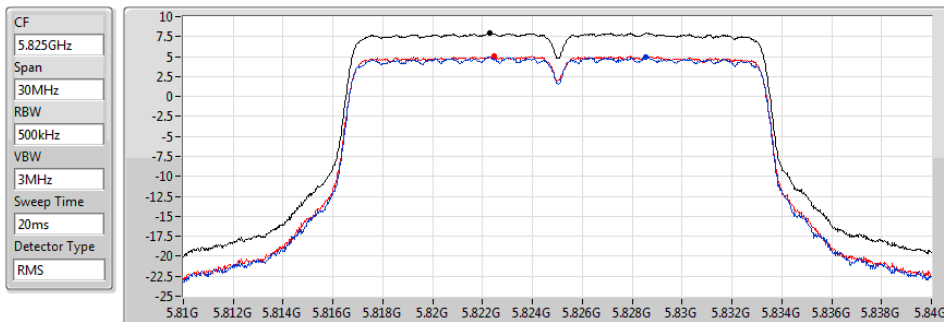
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.03	7.03	3.92	4.14

802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

19/12/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.96	7.96	4.95	5.08

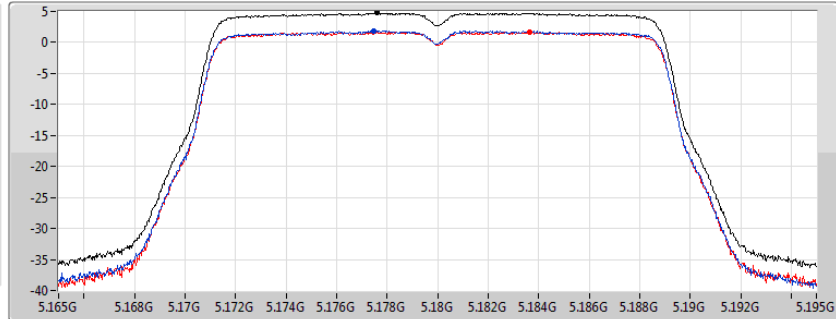
802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5180MHz

19/12/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.76	4.76	1.86	1.66

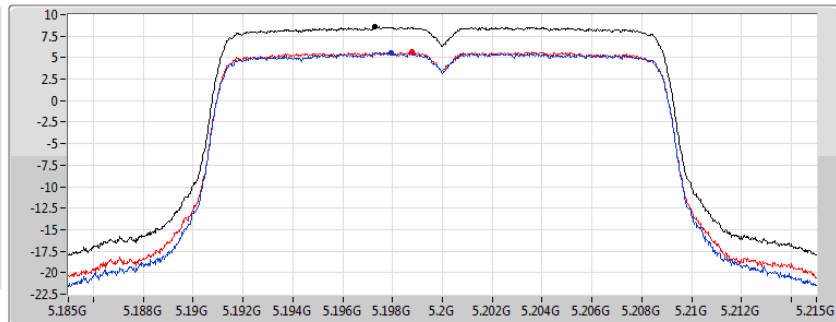
802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5200MHz

19/12/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.56	8.56	5.52	5.65

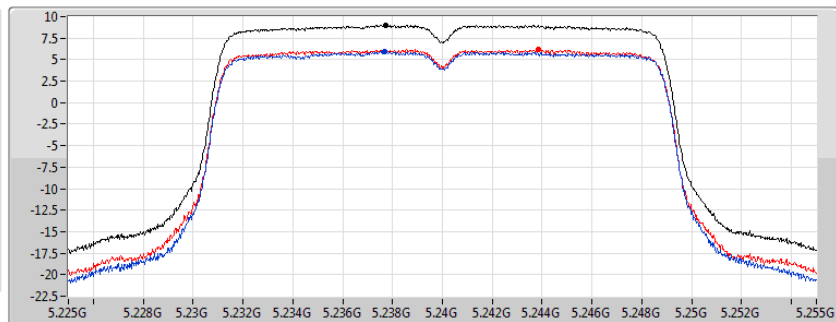
802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5240MHz

19/12/2019

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



Sum
Port 1
Port 2

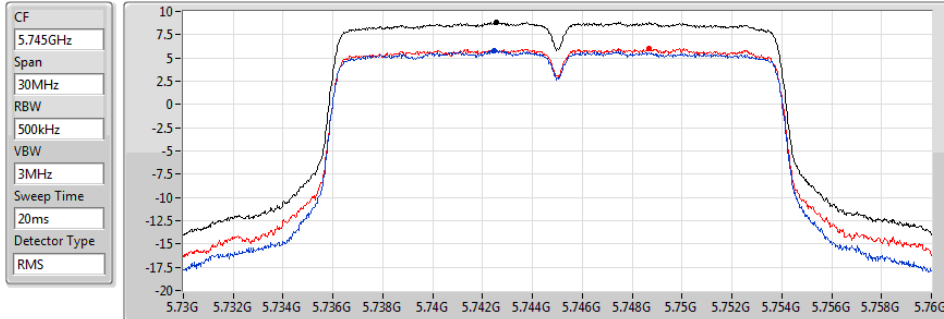
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.99	8.99	5.94	6.22

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5745MHz

19/12/2019



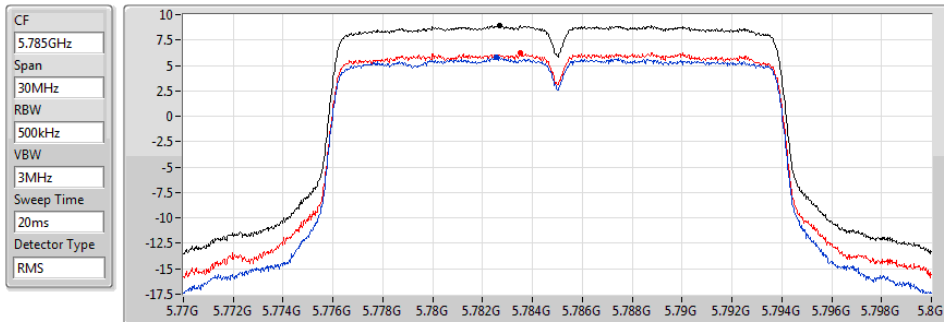
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.83	8.83	5.80	6.03

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5785MHz

19/12/2019



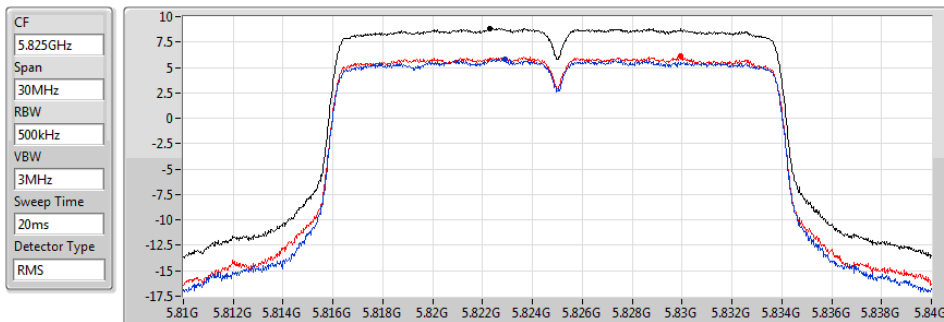
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.89	8.89	5.83	6.24

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5825MHz

19/12/2019



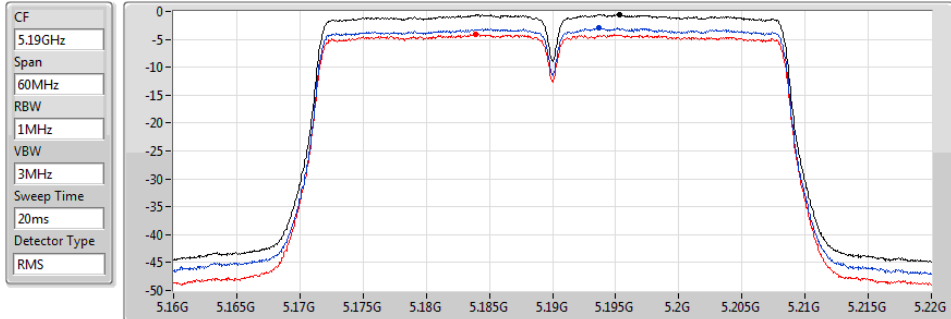
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.85	8.85	5.80	6.09

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5190MHz

19/12/2019



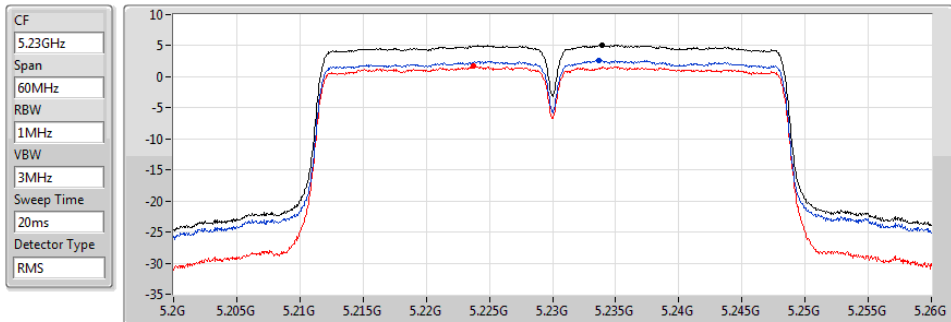
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.61	-0.61	-2.88	-4.02

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5230MHz

19/12/2019



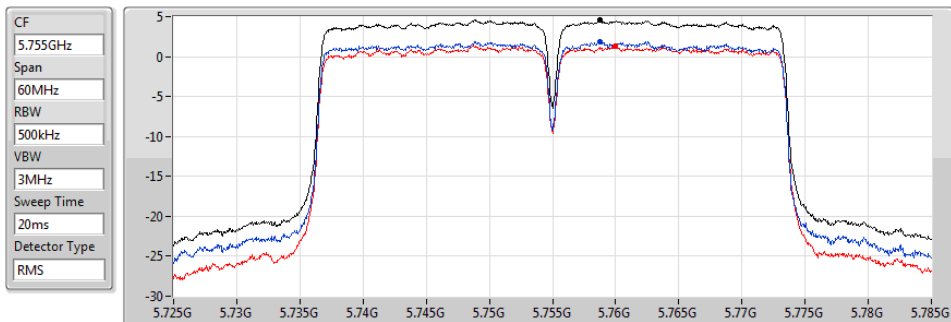
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.11	5.11	2.62	1.66

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5755MHz

19/12/2019



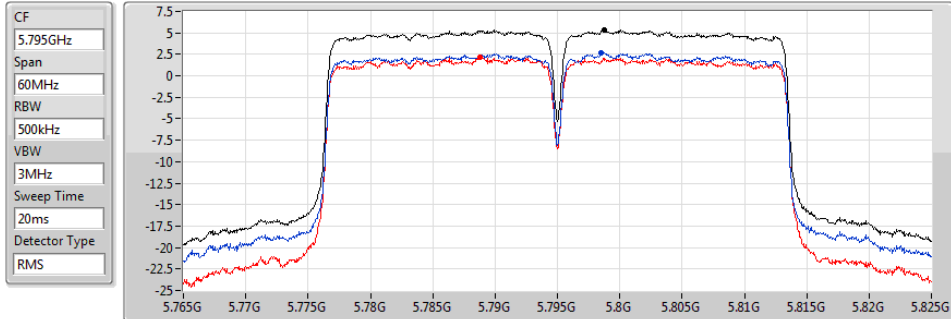
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.58	4.58	1.89	1.34

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5795MHz

19/12/2019



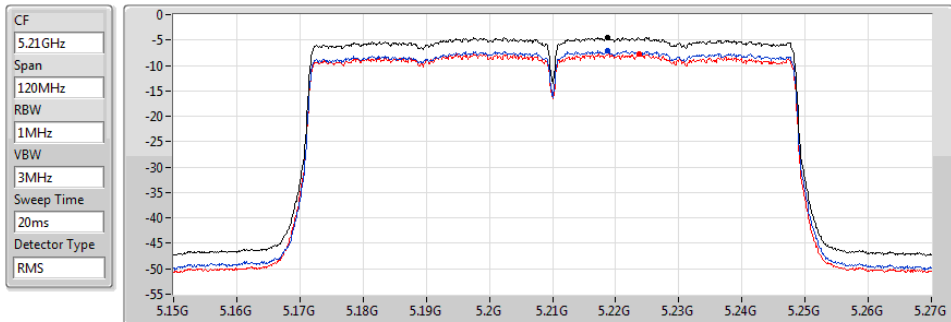
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.33	5.33	2.67	2.15

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5210MHz

19/12/2019



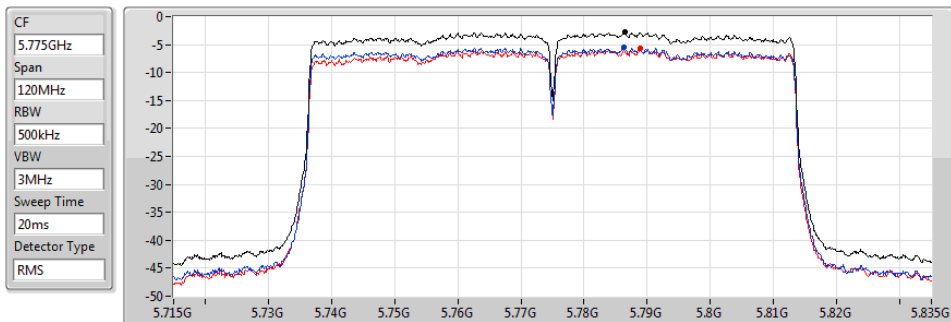
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.45	-4.45	-7.07	-7.71

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5775MHz

19/12/2019



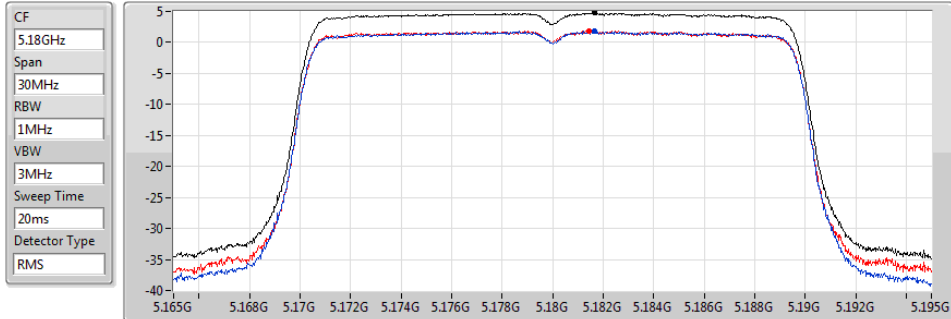
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.83	-2.83	-5.44	-5.72

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5180MHz

19/12/2019



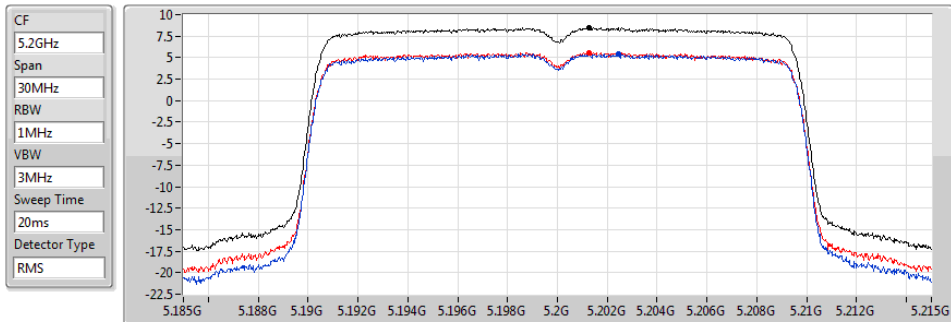
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.78	4.78	1.75	1.84

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5200MHz

19/12/2019



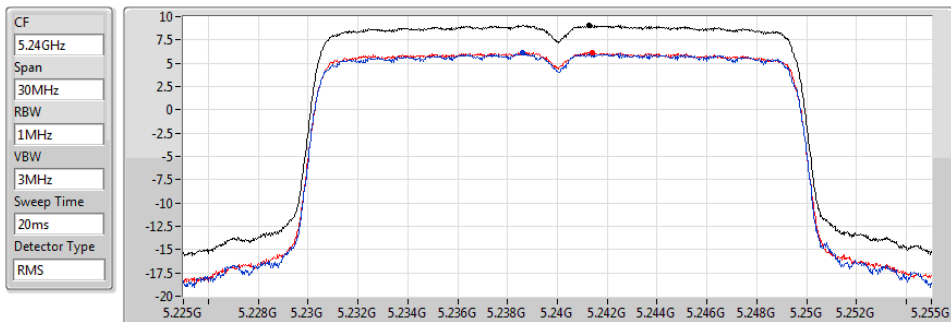
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.48	8.48	5.42	5.55

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5240MHz

19/12/2019



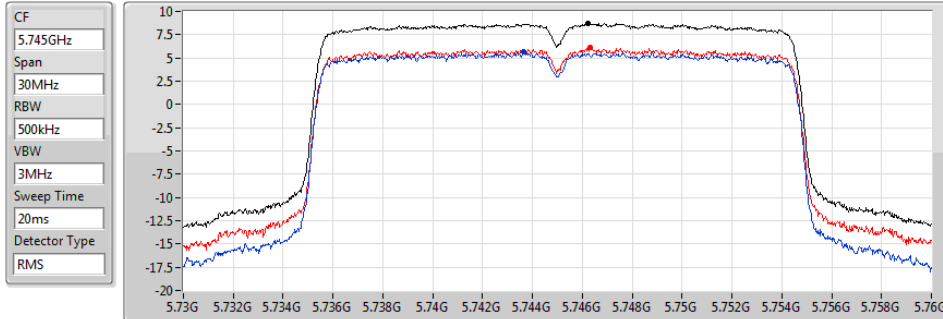
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.07	9.07	6.08	6.14

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5745MHz

19/12/2019



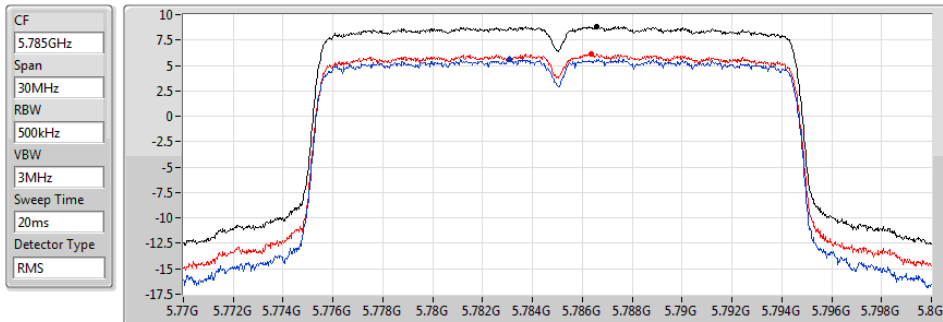
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.70	8.70	5.63	6.10

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5785MHz

19/12/2019



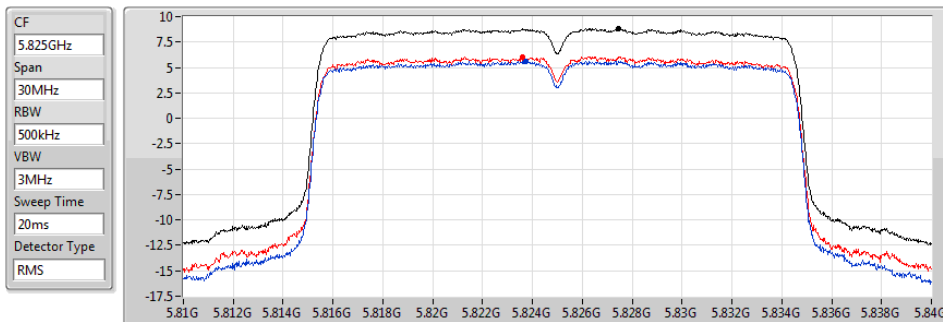
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.85	8.85	5.61	6.14

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5825MHz

19/12/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.85	8.85	5.62	6.07

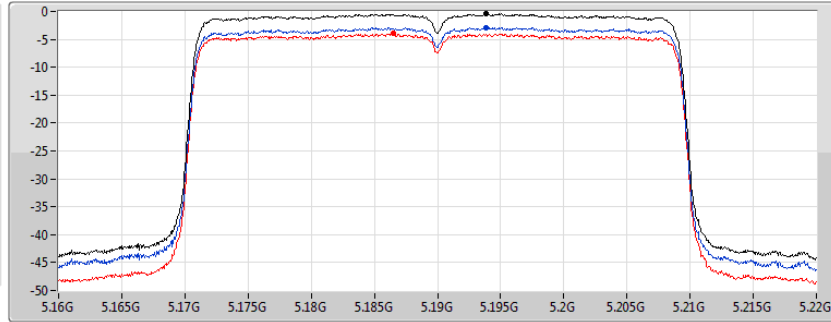
802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5190MHz

19/12/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.45	-0.45	-2.88	-3.92

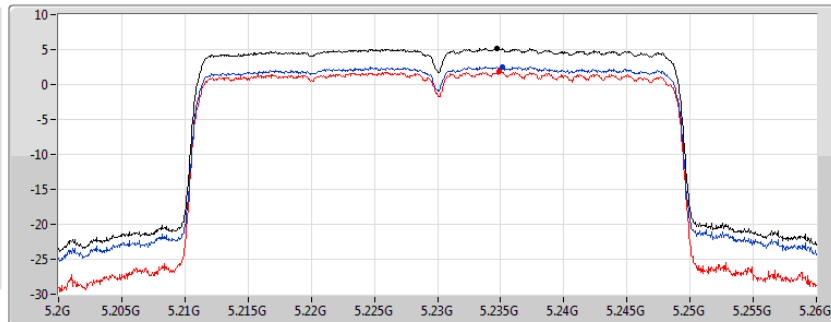
802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5230MHz

19/12/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.17	5.17	2.57	1.80

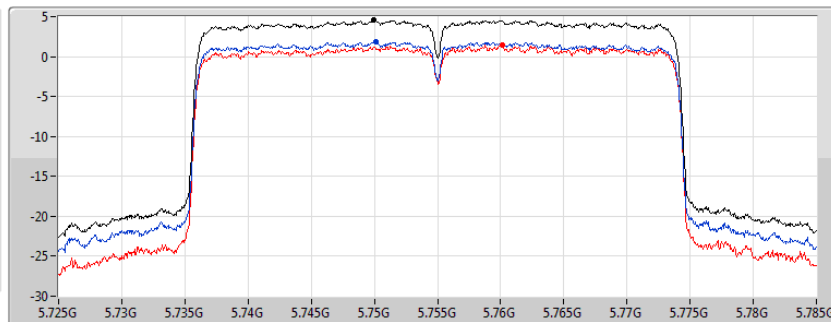
802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5755MHz

19/12/2019

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



Sum
Port 1
Port 2

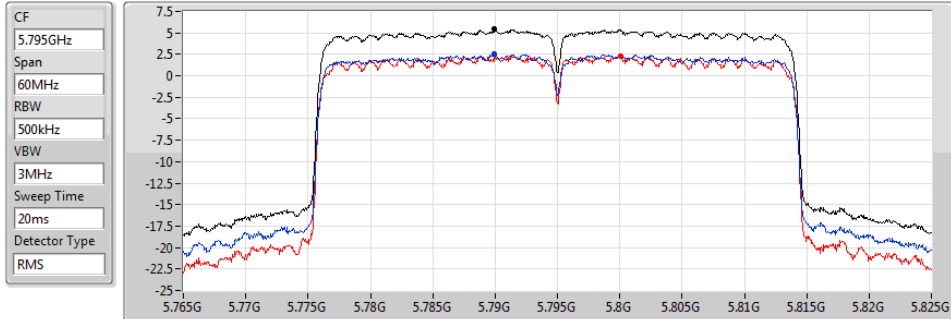
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.53	4.53	1.87	1.44

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5795MHz

19/12/2019



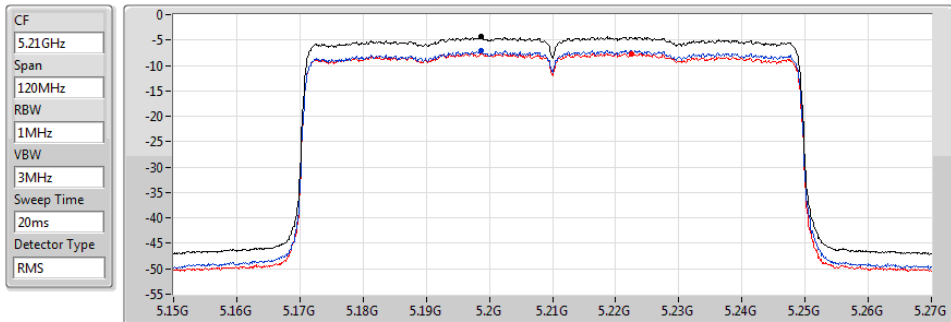
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.42	5.42	2.60	2.30

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5210MHz

19/12/2019



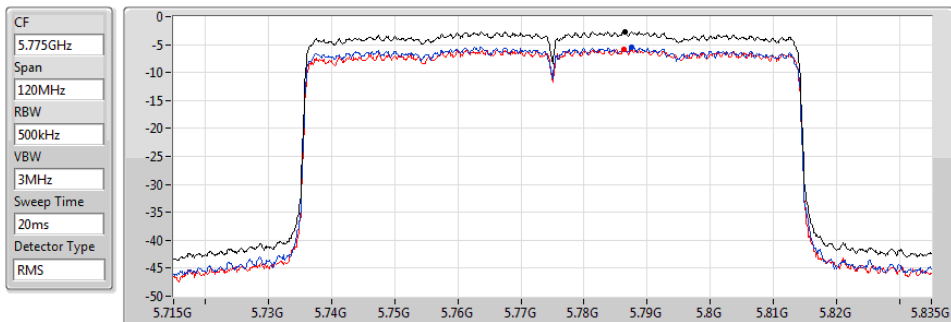
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.35	-4.35	-7.02	-7.67

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5775MHz

19/12/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.66	-2.66	-5.44	-5.78

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	9.39	17.39
802.11ac VHT20_Nss1,(MCS0)_1TX	8.24	16.24
802.11ac VHT40_Nss1,(MCS0)_1TX	3.92	11.92
802.11ac VHT80_Nss1,(MCS0)_1TX	-3.41	4.59
802.11ax HEW20_Nss1,(MCS0)_1TX	8.03	16.03
802.11ax HEW40_Nss1,(MCS0)_1TX	4.17	12.17
802.11ax HEW80_Nss1,(MCS0)_1TX	-3.13	4.87
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	9.30	17.30
802.11ac VHT20_Nss1,(MCS0)_1TX	8.97	16.97
802.11ac VHT40_Nss1,(MCS0)_1TX	5.00	13.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-1.12	6.88
802.11ax HEW20_Nss1,(MCS0)_1TX	8.65	16.65
802.11ax HEW40_Nss1,(MCS0)_1TX	5.01	13.01
802.11ax HEW80_Nss1,(MCS0)_1TX	-1.02	6.98

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	8.00	6.77	6.77	15.00	14.77	23.00
5200MHz	Pass	8.00	9.39	9.39	15.00	17.39	23.00
5240MHz	Pass	8.00	7.72	7.72	15.00	15.72	23.00
5745MHz	Pass	8.00	8.95	8.95	28.00	16.95	36.00
5785MHz	Pass	8.00	9.30	9.30	28.00	17.30	36.00
5825MHz	Pass	8.00	6.36	6.36	28.00	14.36	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	8.00	5.04	5.04	15.00	13.04	23.00
5200MHz	Pass	8.00	8.24	8.24	15.00	16.24	23.00
5240MHz	Pass	8.00	7.17	7.17	15.00	15.17	23.00
5745MHz	Pass	8.00	8.60	8.60	28.00	16.60	36.00
5785MHz	Pass	8.00	8.97	8.97	28.00	16.97	36.00
5825MHz	Pass	8.00	6.01	6.01	28.00	14.01	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	8.00	-0.94	-0.94	15.00	7.06	23.00
5230MHz	Pass	8.00	3.92	3.92	15.00	11.92	23.00
5755MHz	Pass	8.00	3.86	3.86	28.00	11.86	36.00
5795MHz	Pass	8.00	5.00	5.00	28.00	13.00	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	8.00	-3.41	-3.41	15.00	4.59	23.00
5775MHz	Pass	8.00	-1.12	-1.12	28.00	6.88	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	8.00	5.23	5.23	15.00	13.23	23.00
5200MHz	Pass	8.00	8.03	8.03	15.00	16.03	23.00
5240MHz	Pass	8.00	7.11	7.11	15.00	15.11	23.00
5745MHz	Pass	8.00	8.37	8.37	28.00	16.37	36.00
5785MHz	Pass	8.00	8.65	8.65	28.00	16.65	36.00
5825MHz	Pass	8.00	5.92	5.92	28.00	13.92	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	8.00	-0.96	-0.96	15.00	7.04	23.00
5230MHz	Pass	8.00	4.17	4.17	15.00	12.17	23.00
5755MHz	Pass	8.00	3.91	3.91	28.00	11.91	36.00
5795MHz	Pass	8.00	5.01	5.01	28.00	13.01	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	8.00	-3.13	-3.13	15.00	4.87	23.00
5775MHz	Pass	8.00	-1.02	-1.02	28.00	6.98	36.00

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

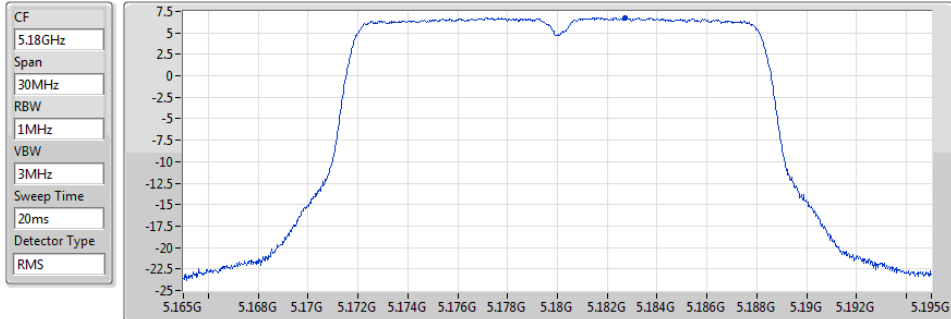
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5180MHz

18/12/2019



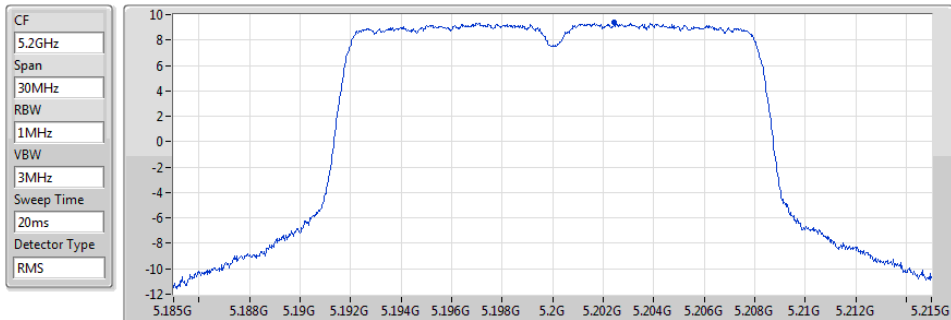
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.77	6.77	6.77

802.11a_Nss1,(6Mbps)_1TX

PSD

5200MHz

18/12/2019



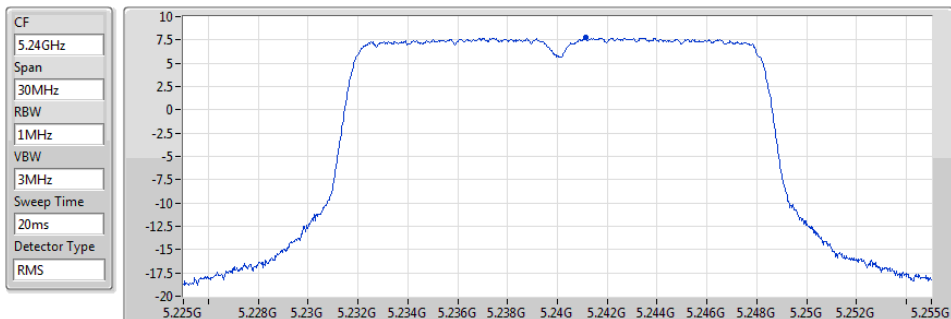
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.39	9.39	9.39

802.11a_Nss1,(6Mbps)_1TX

PSD

5240MHz

18/12/2019



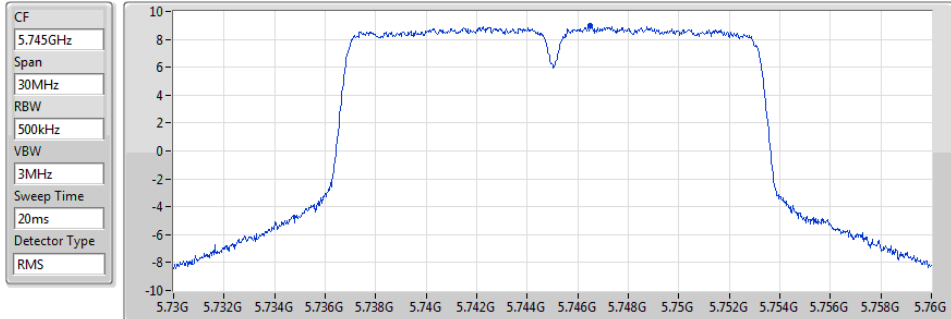
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.72	7.72	7.72

802.11a_Nss1,(6Mbps)_1TX

PSD

5745MHz

18/12/2019



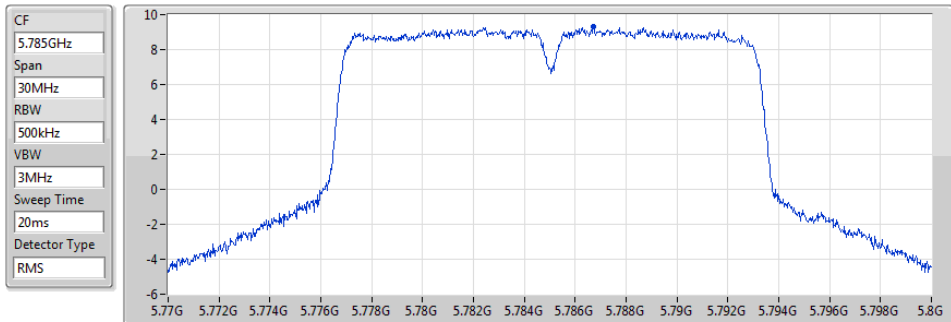
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.95	8.95	8.95

802.11a_Nss1,(6Mbps)_1TX

PSD

5785MHz

18/12/2019



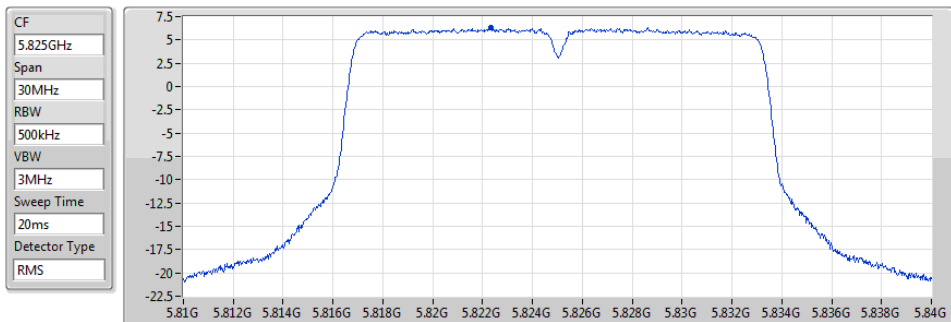
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.30	9.30	9.30

802.11a_Nss1,(6Mbps)_1TX

PSD

5825MHz

18/12/2019



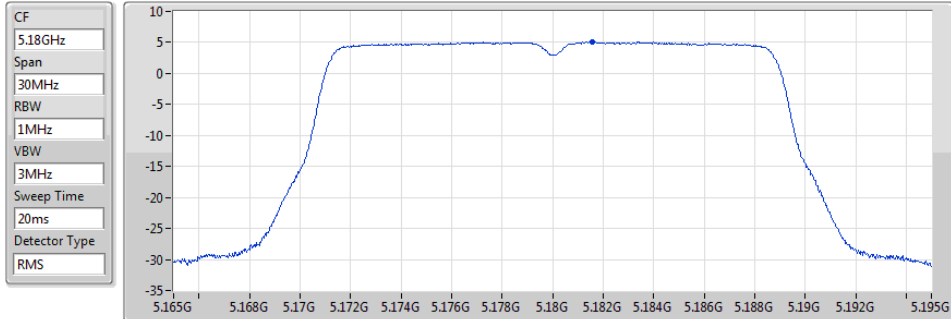
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.36	6.36	6.36

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5180MHz

19/12/2019



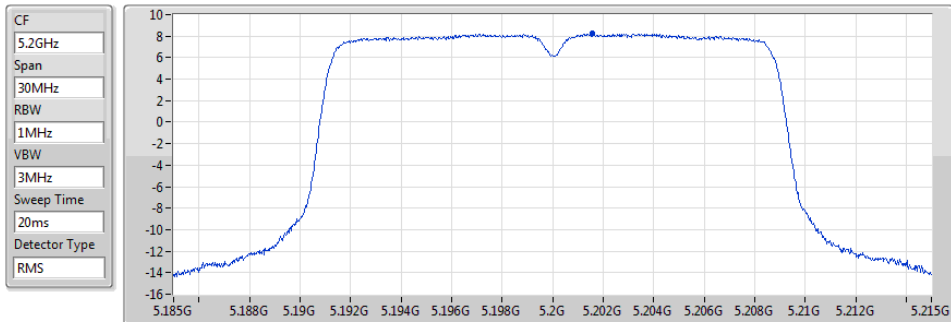
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.04	5.04	5.04

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5200MHz

19/12/2019



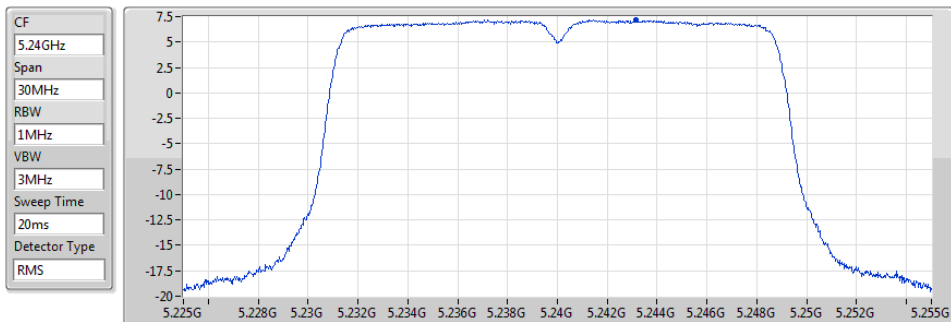
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.24	8.24	8.24

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5240MHz

19/12/2019



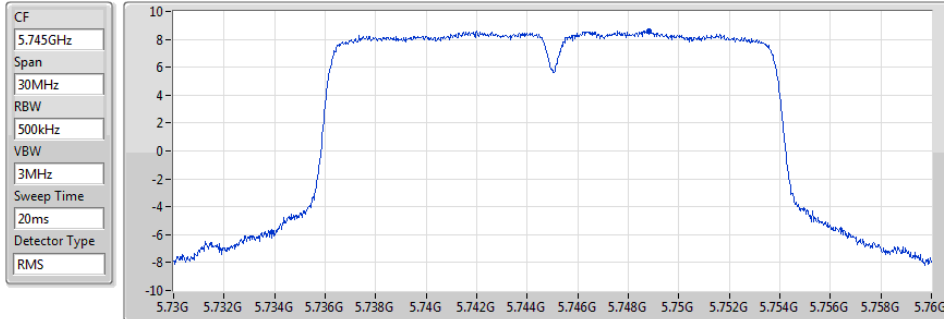
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.17	7.17	7.17

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5745MHz

19/12/2019



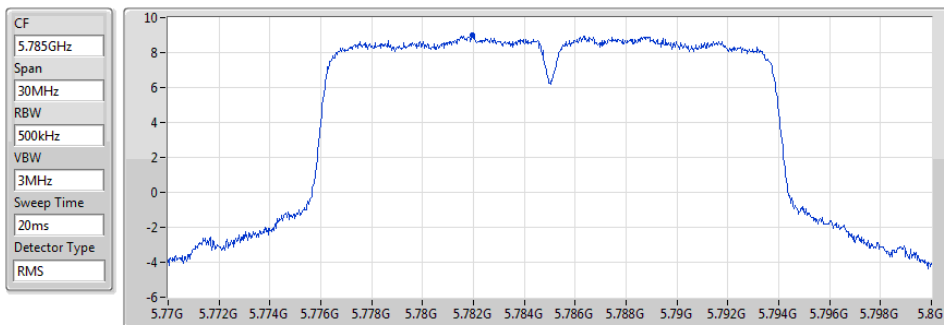
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.60	8.60	8.60

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5785MHz

19/12/2019



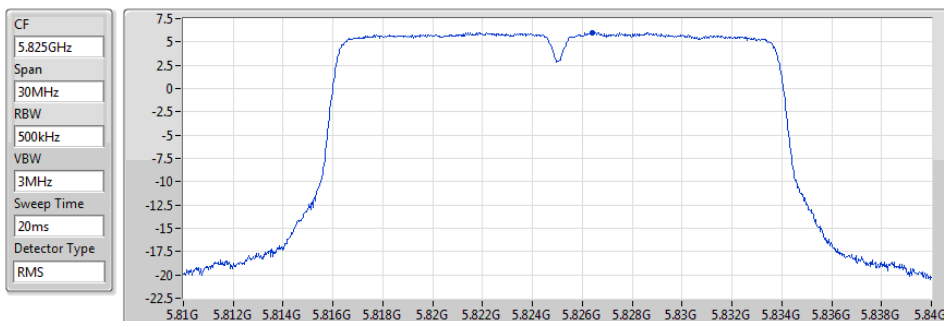
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.97	8.97	8.97

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5825MHz

19/12/2019



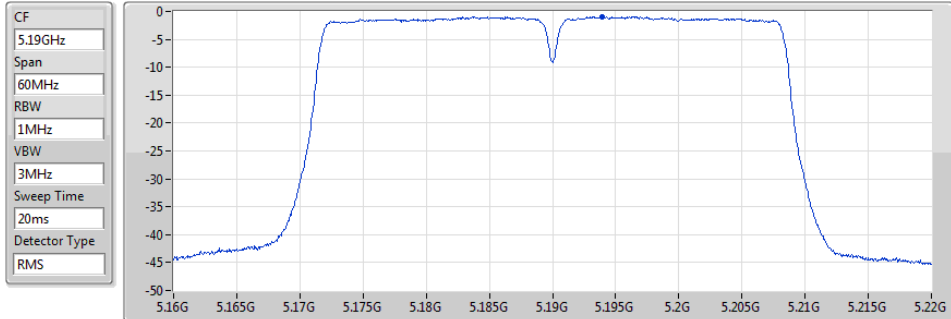
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.01	6.01	6.01

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5190MHz

19/12/2019



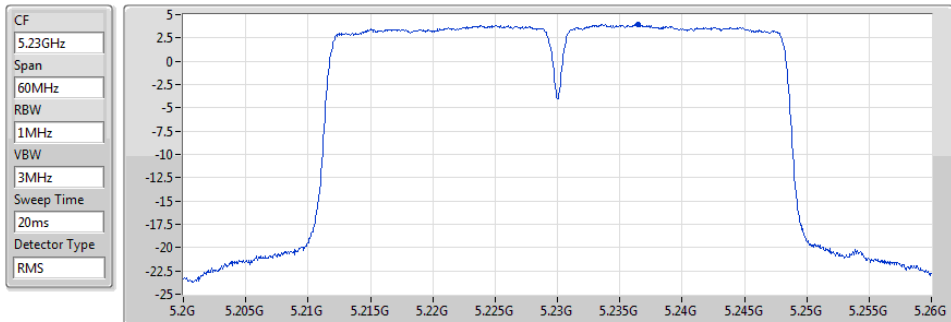
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.94	-0.94	-0.94

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5230MHz

19/12/2019



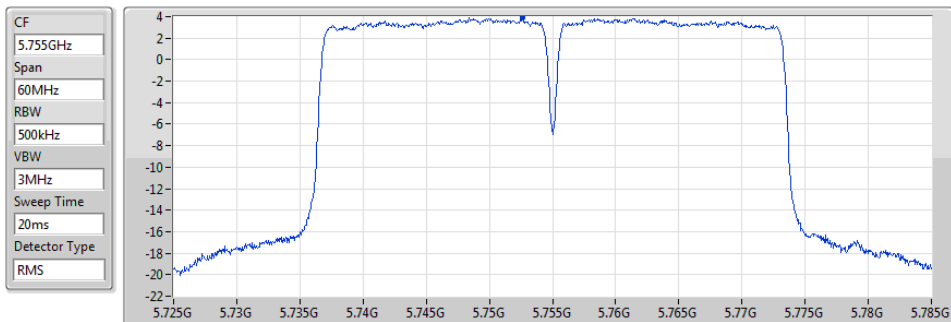
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.92	3.92	3.92

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5755MHz

19/12/2019



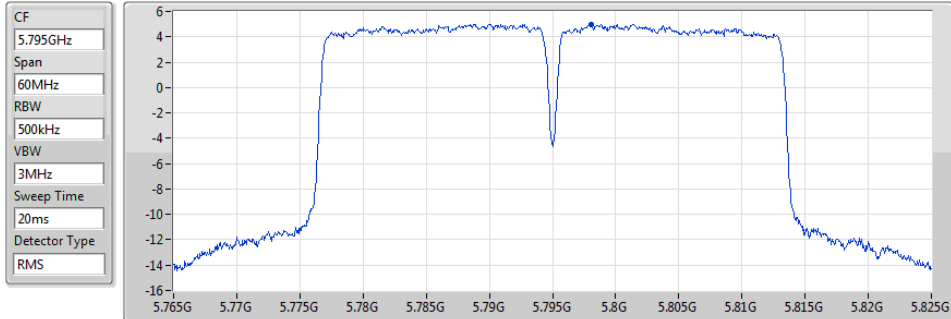
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.86	3.86	3.86

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5795MHz

19/12/2019



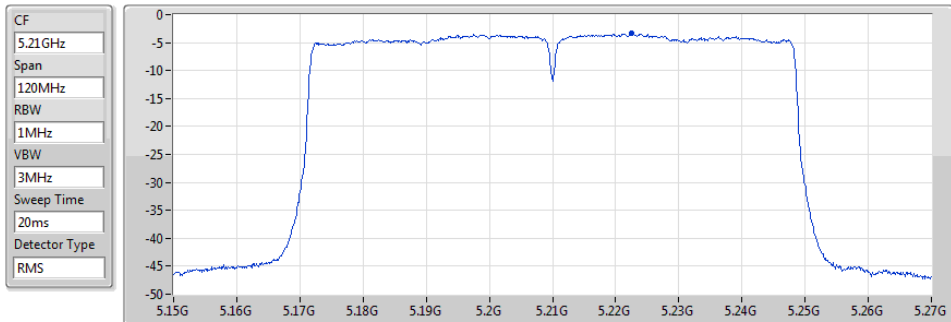
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.00	5.00	5.00

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5210MHz

19/12/2019



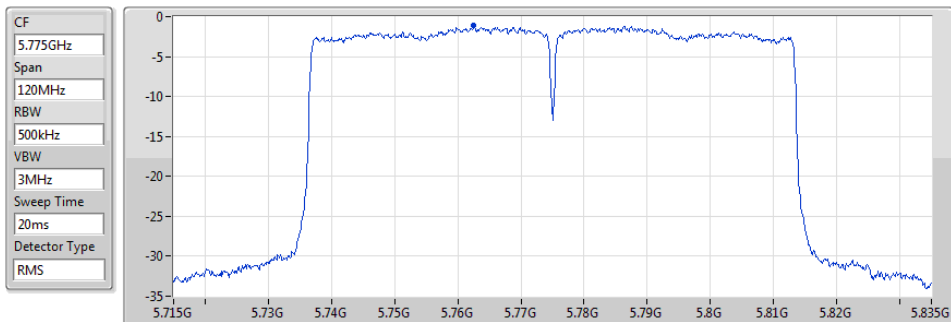
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.41	-3.41	-3.41

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5775MHz

19/12/2019



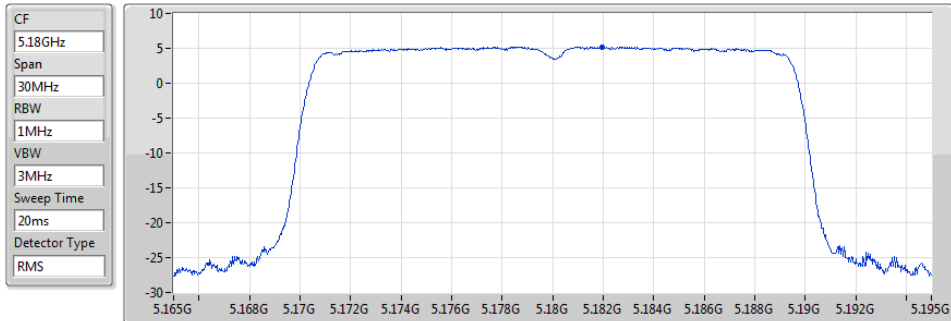
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.12	-1.12	-1.12

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5180MHz

19/12/2019



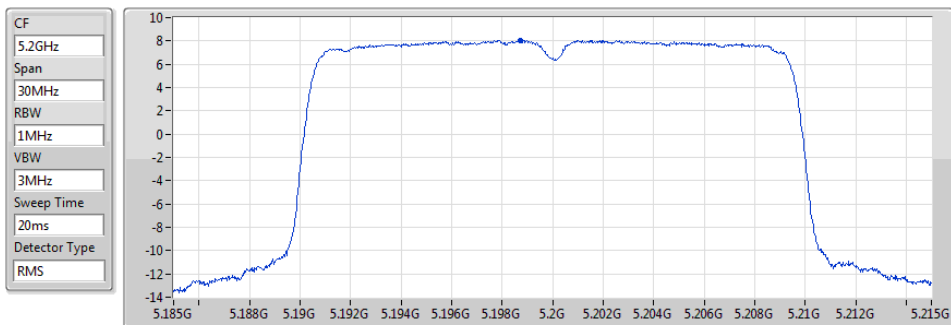
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.23	5.23	5.23

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5200MHz

19/12/2019



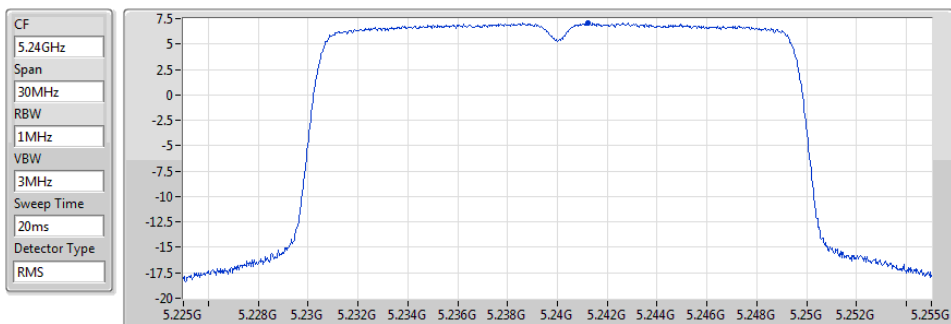
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.03	8.03	8.03

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5240MHz

19/12/2019



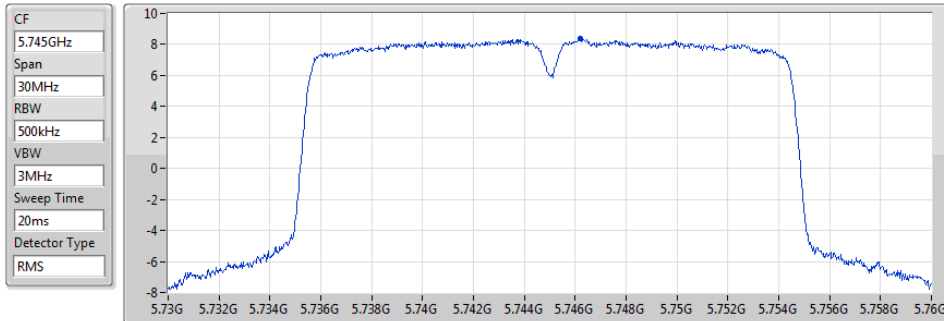
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.11	7.11	7.11

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5745MHz

19/12/2019



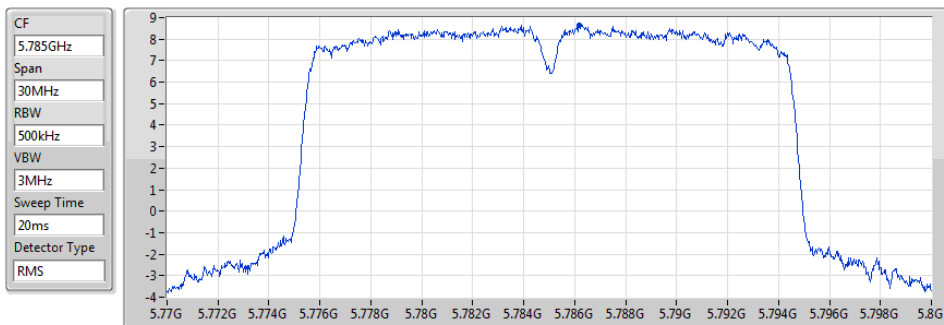
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.37	8.37	8.37

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5785MHz

19/12/2019



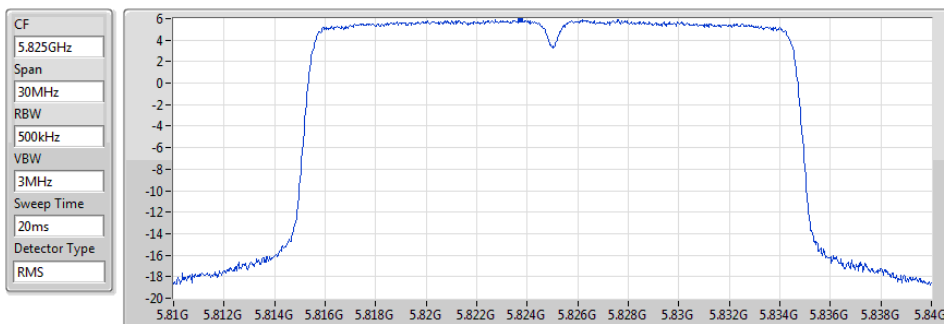
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.65	8.65	8.65

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5825MHz

19/12/2019



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.92	5.92	5.92

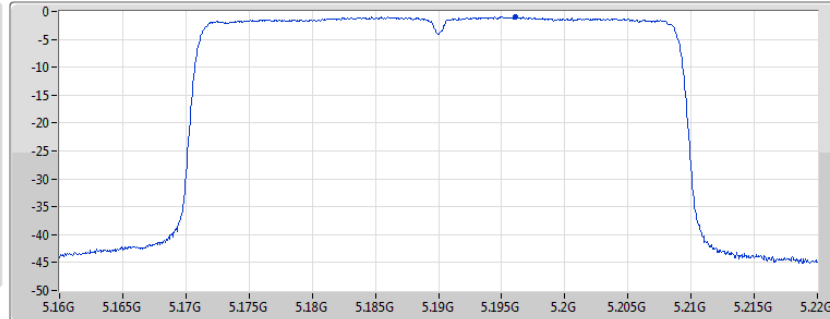
802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5190MHz

19/12/2019

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



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.96	-0.96	-0.96

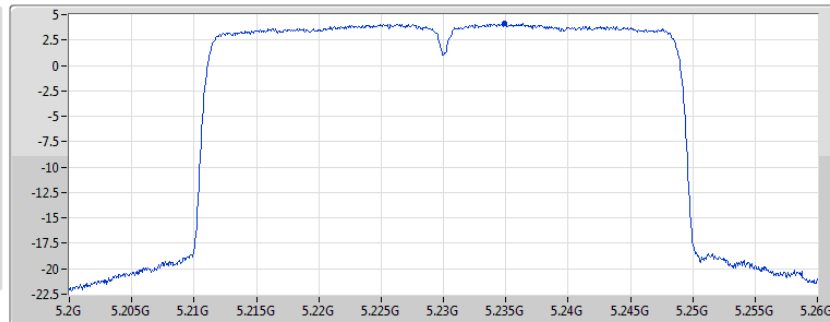
802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5230MHz

19/12/2019

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



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.17	4.17	4.17

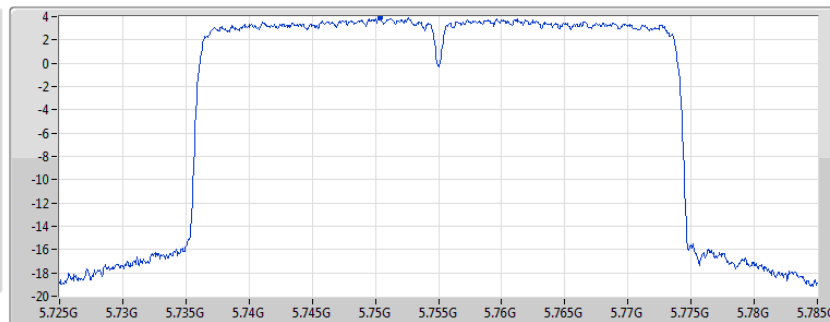
802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5755MHz

19/12/2019

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



Port 1

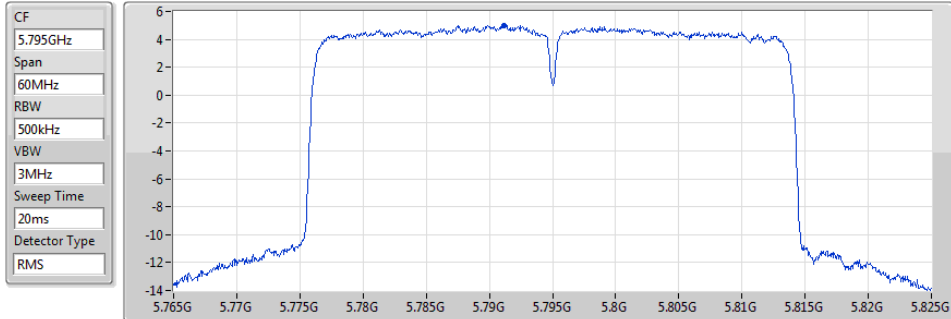
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.91	3.91	3.91

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5795MHz

19/12/2019



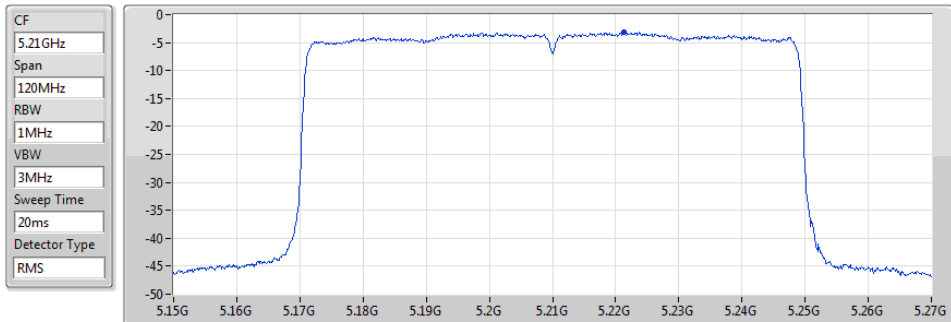
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.01	5.01	5.01

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5210MHz

19/12/2019



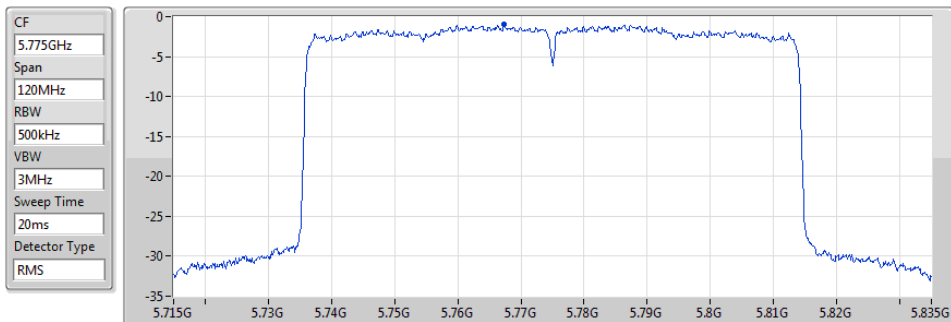
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.13	-3.13	-3.13

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5775MHz

19/12/2019



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.02	-1.02	-1.02

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	10.63	21.64
802.11ac VHT20_Nss2,(MCS0)_2TX	9.96	17.96
802.11ac VHT40_Nss2,(MCS0)_2TX	6.57	14.57
802.11ac VHT80_Nss2,(MCS0)_2TX	-2.59	5.41
802.11ax HEW20_Nss2,(MCS0)_2TX	9.95	17.95
802.11ax HEW40_Nss2,(MCS0)_2TX	6.29	14.29
802.11ax HEW80_Nss2,(MCS0)_2TX	-2.34	5.66
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	11.39	22.40
802.11ac VHT20_Nss2,(MCS0)_2TX	11.15	19.15
802.11ac VHT40_Nss2,(MCS0)_2TX	6.76	14.76
802.11ac VHT80_Nss2,(MCS0)_2TX	-0.84	7.16
802.11ax HEW20_Nss2,(MCS0)_2TX	10.87	18.87
802.11ax HEW40_Nss2,(MCS0)_2TX	6.28	14.28
802.11ax HEW80_Nss2,(MCS0)_2TX	-0.67	7.33

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.01	4.49	4.37	7.40	11.99	18.41	23.00
5200MHz	Pass	11.01	7.59	7.74	10.63	11.99	21.64	23.00
5240MHz	Pass	11.01	6.44	6.80	9.56	11.99	20.57	23.00
5745MHz	Pass	11.01	8.05	7.39	10.68	24.99	21.69	36.00
5785MHz	Pass	11.01	8.91	8.02	11.39	24.99	22.40	36.00
5825MHz	Pass	11.01	5.80	6.04	8.86	24.99	19.87	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.00	3.33	3.57	6.41	15.00	14.41	23.00
5200MHz	Pass	8.00	6.94	7.10	9.96	15.00	17.96	23.00
5240MHz	Pass	8.00	6.03	6.53	9.22	15.00	17.22	23.00
5745MHz	Pass	8.00	8.27	7.67	10.89	28.00	18.89	36.00
5785MHz	Pass	8.00	8.86	7.73	11.15	28.00	19.15	36.00
5825MHz	Pass	8.00	5.59	5.62	8.53	28.00	16.53	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.00	-1.18	-0.90	1.97	15.00	9.97	23.00
5230MHz	Pass	8.00	3.32	4.09	6.57	15.00	14.57	23.00
5755MHz	Pass	8.00	2.11	2.25	5.10	28.00	13.10	36.00
5795MHz	Pass	8.00	3.72	3.90	6.76	28.00	14.76	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.00	-5.67	-5.26	-2.59	15.00	5.41	23.00
5775MHz	Pass	8.00	-3.63	-3.69	-0.84	28.00	7.16	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.00	3.54	3.43	6.43	15.00	14.43	23.00
5200MHz	Pass	8.00	6.90	7.09	9.95	15.00	17.95	23.00
5240MHz	Pass	8.00	6.04	6.38	9.18	15.00	17.18	23.00
5745MHz	Pass	8.00	8.04	7.55	10.74	28.00	18.74	36.00
5785MHz	Pass	8.00	8.46	7.47	10.87	28.00	18.87	36.00
5825MHz	Pass	8.00	5.42	5.50	8.42	28.00	16.42	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.00	-1.54	-1.19	1.56	15.00	9.56	23.00
5230MHz	Pass	8.00	3.03	3.73	6.29	15.00	14.29	23.00
5755MHz	Pass	8.00	1.82	1.96	4.88	28.00	12.88	36.00
5795MHz	Pass	8.00	3.34	3.51	6.28	28.00	14.28	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.00	-5.55	-5.01	-2.34	15.00	5.66	23.00
5775MHz	Pass	8.00	-3.49	-3.81	-0.67	28.00	7.33	36.00

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

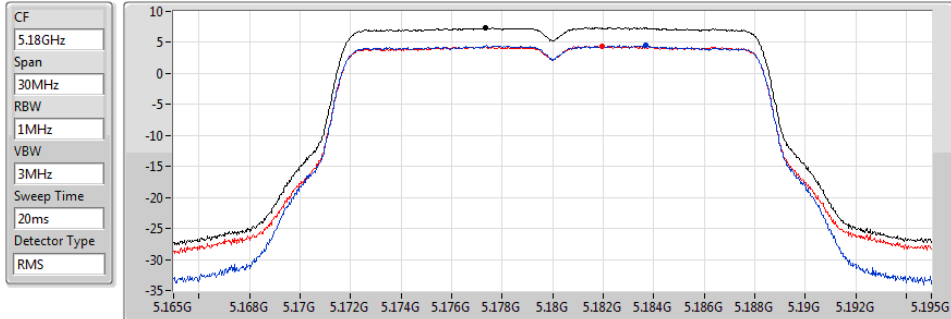
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

18/12/2019



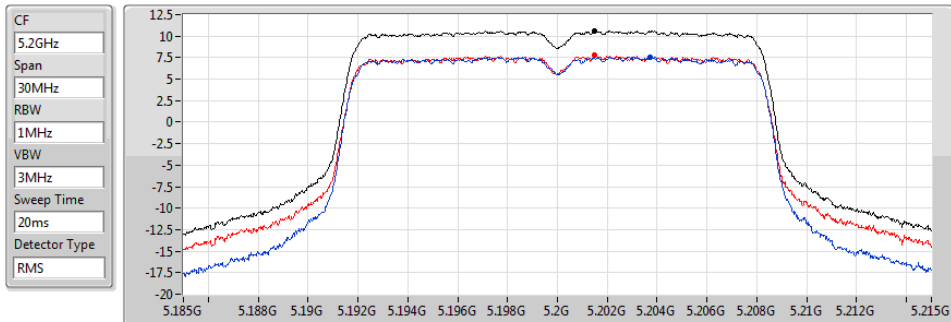
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
7.40	7.40	4.49	4.37

802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

18/12/2019



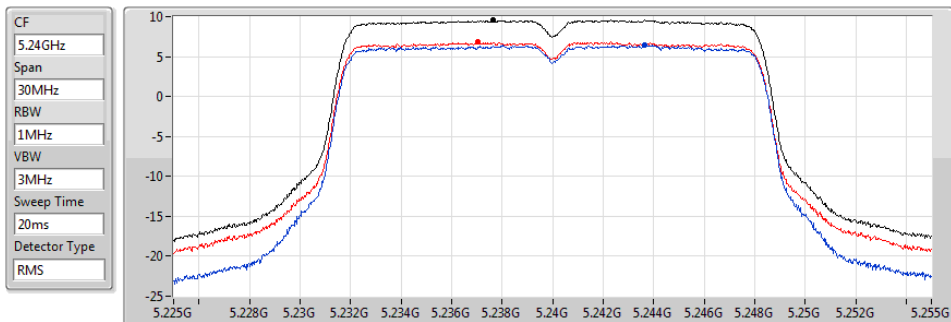
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
10.63	10.63	7.59	7.74

802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

18/12/2019



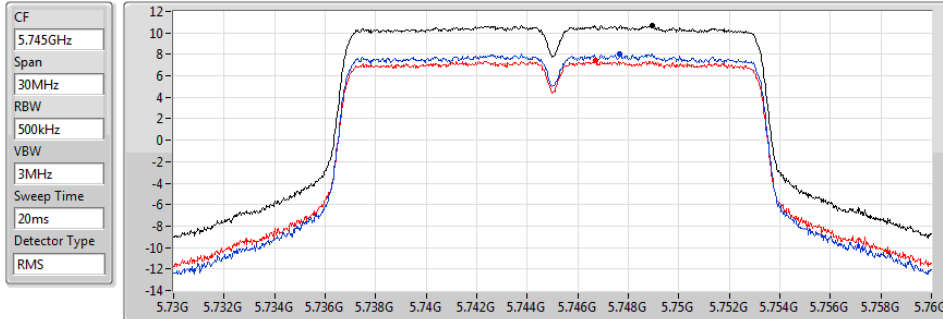
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
9.56	9.56	6.44	6.80

802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

18/12/2019



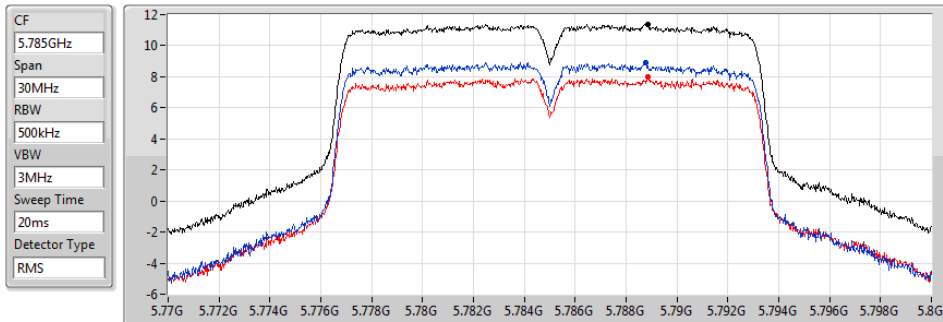
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
10.68	10.68	8.05	7.39

802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

18/12/2019



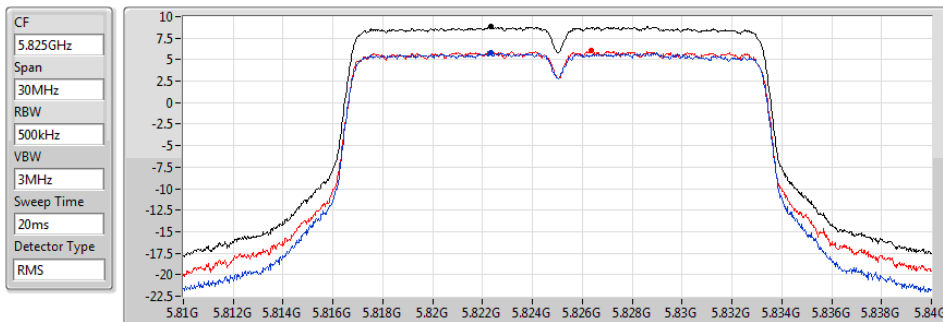
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
11.39	11.39	8.91	8.02

802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

18/12/2019



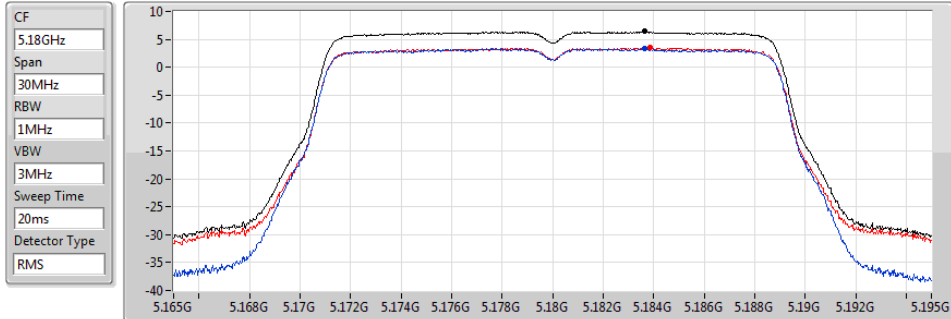
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
8.86	8.86	5.80	6.04

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5180MHz

18/12/2019



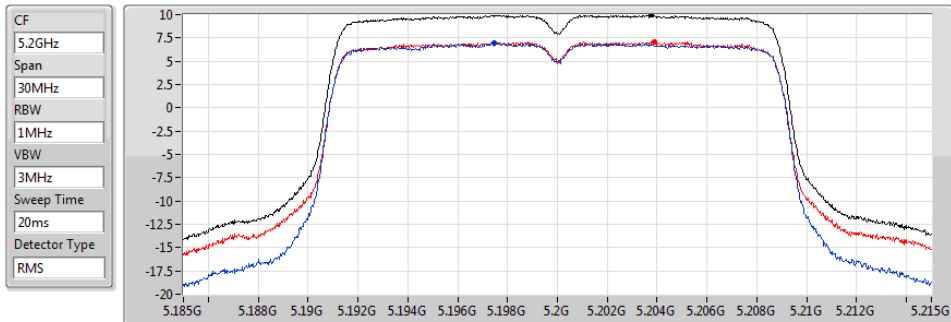
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
6.41	6.41	3.33	3.57

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5200MHz

18/12/2019



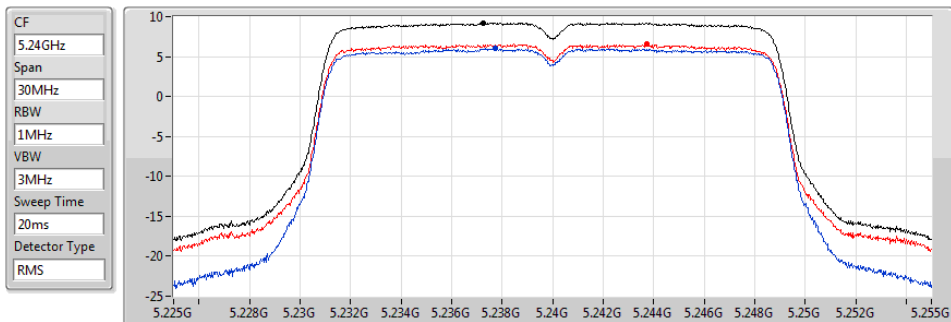
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
9.96	9.96	6.94	7.10

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5240MHz

18/12/2019



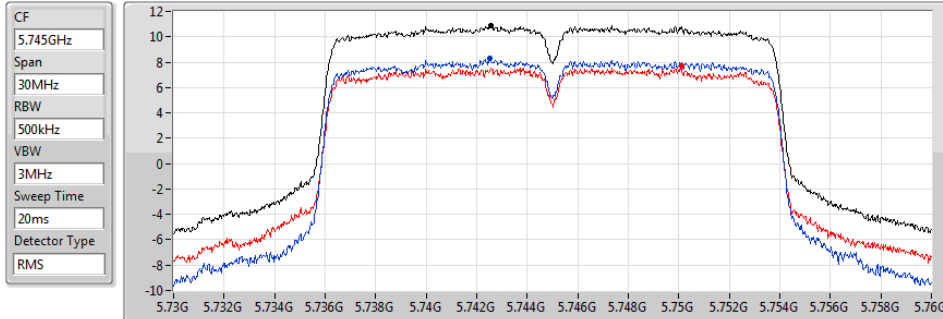
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
9.22	9.22	6.03	6.53

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5745MHz

18/12/2019



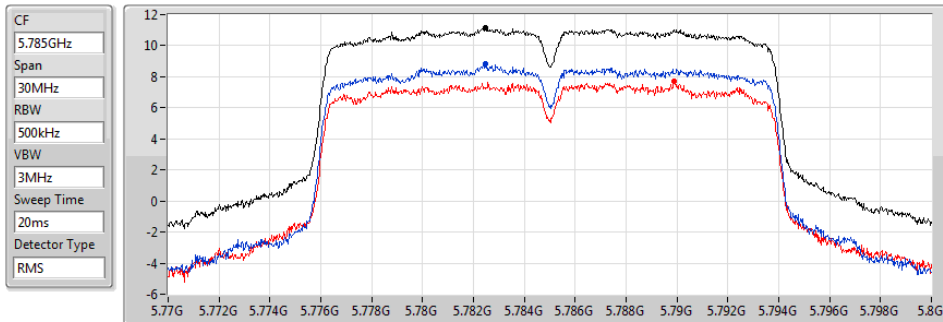
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.89	10.89	8.27	7.67

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5785MHz

18/12/2019



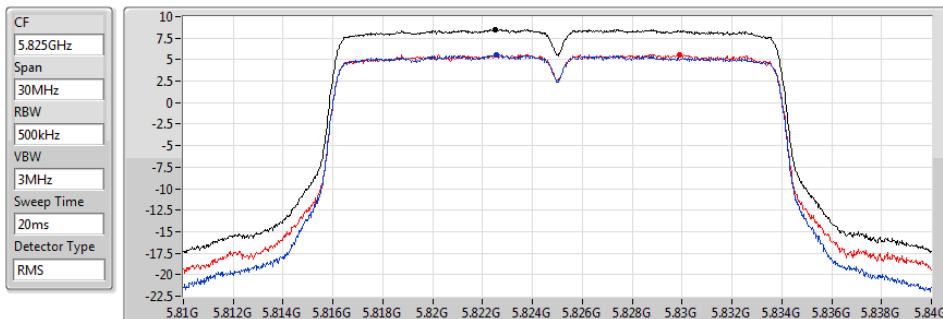
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.15	11.15	8.86	7.73

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5825MHz

18/12/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.53	8.53	5.59	5.62

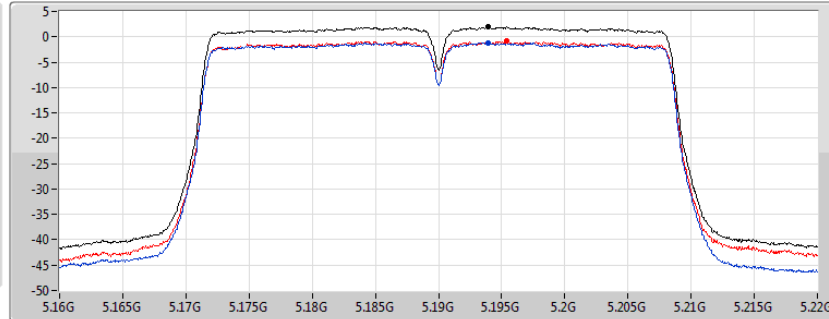
802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5190MHz

18/12/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.97	1.97	-1.18	-0.90

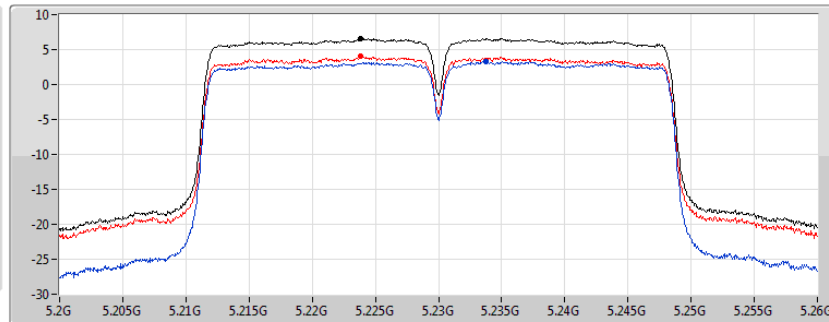
802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5230MHz

18/12/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.57	6.57	3.32	4.09

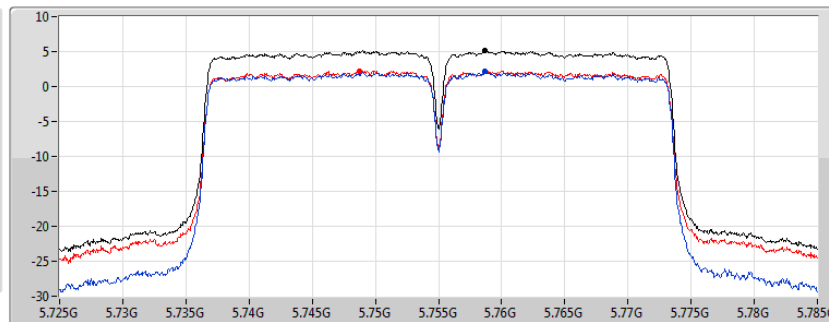
802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5755MHz

18/12/2019

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



Sum
Port 1
Port 2

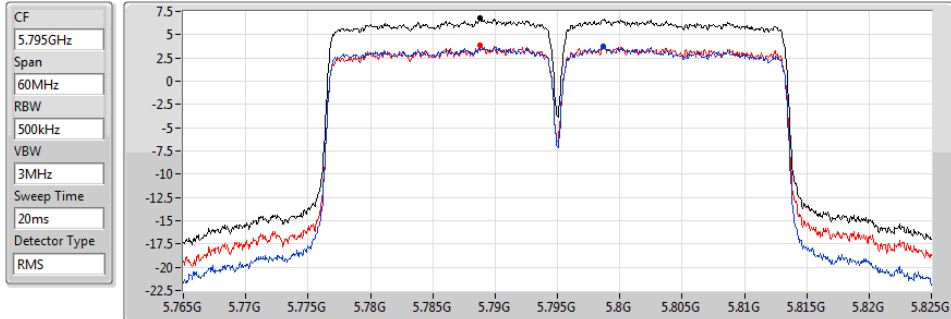
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.10	5.10	2.11	2.25

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5795MHz

18/12/2019



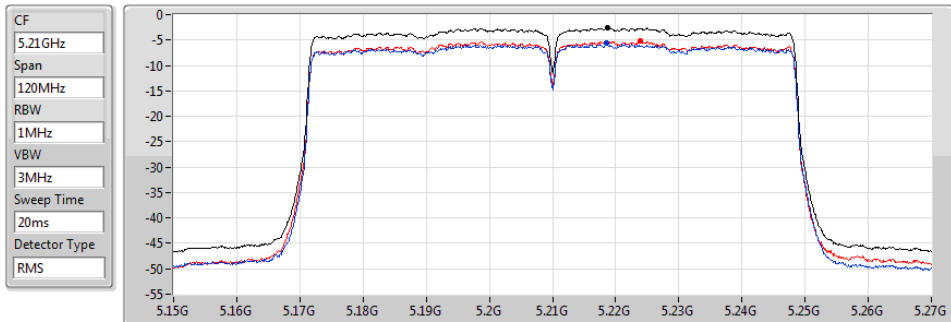
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.76	6.76	3.72	3.90

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5210MHz

18/12/2019



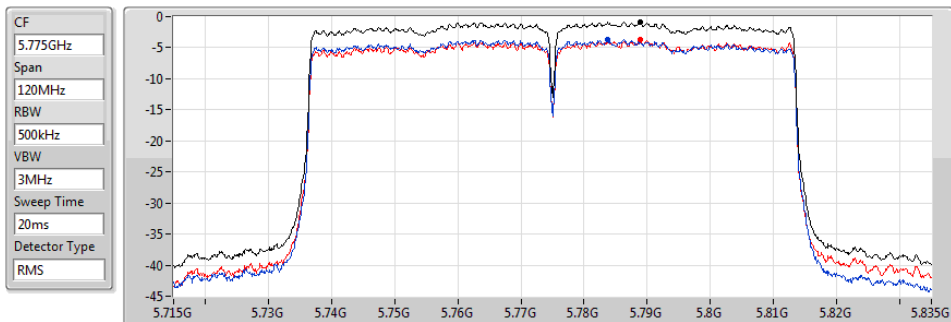
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.59	-2.59	-5.67	-5.26

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5775MHz

18/12/2019



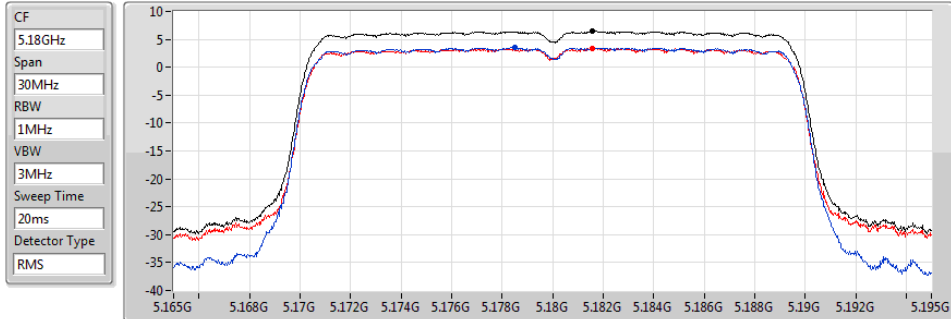
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.84	-0.84	-3.63	-3.69

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5180MHz

18/12/2019



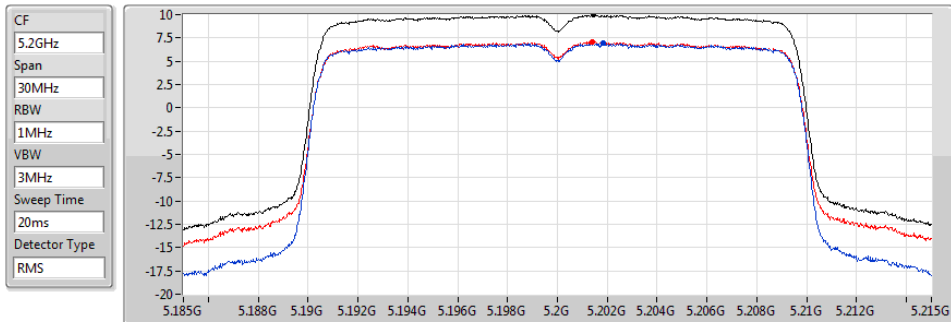
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.43	6.43	3.54	3.43

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5200MHz

18/12/2019



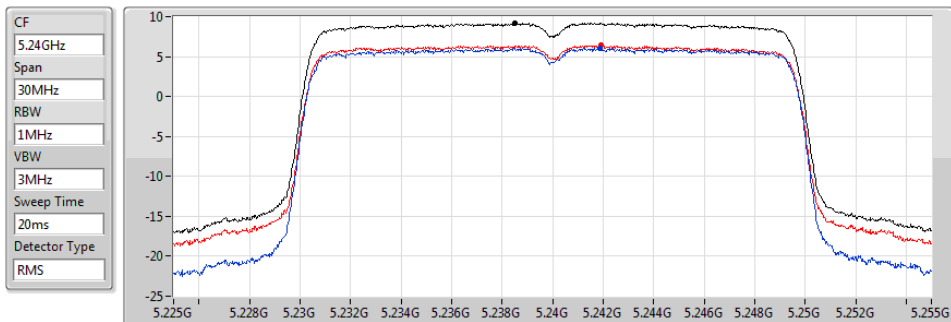
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.95	9.95	6.90	7.09

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5240MHz

18/12/2019



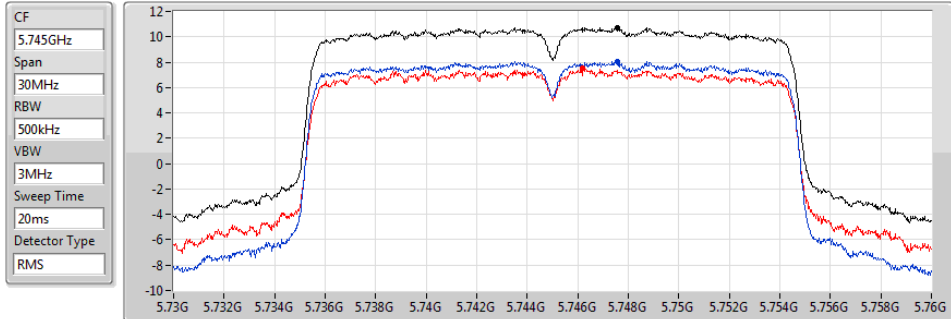
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.18	9.18	6.04	6.38

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5745MHz

18/12/2019



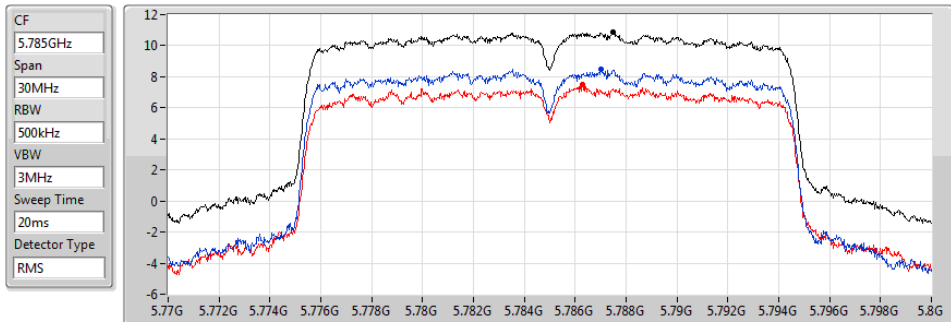
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.74	10.74	8.04	7.55

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5785MHz

18/12/2019



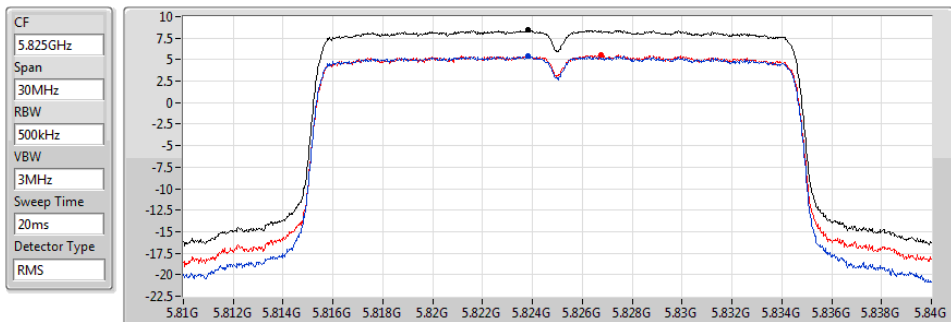
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.87	10.87	8.46	7.47

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5825MHz

18/12/2019



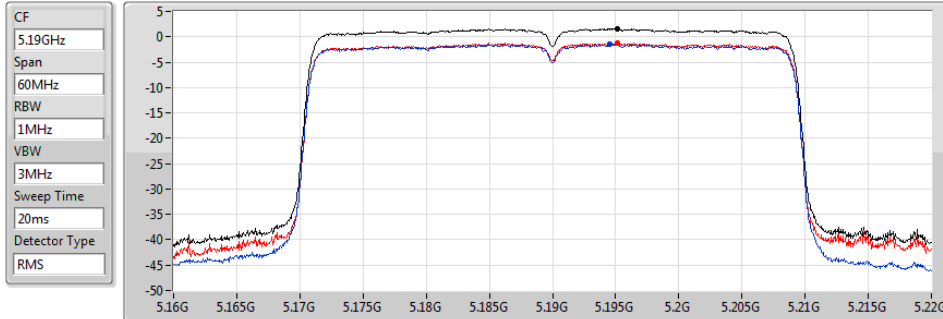
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.42	8.42	5.42	5.50

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5190MHz

18/12/2019



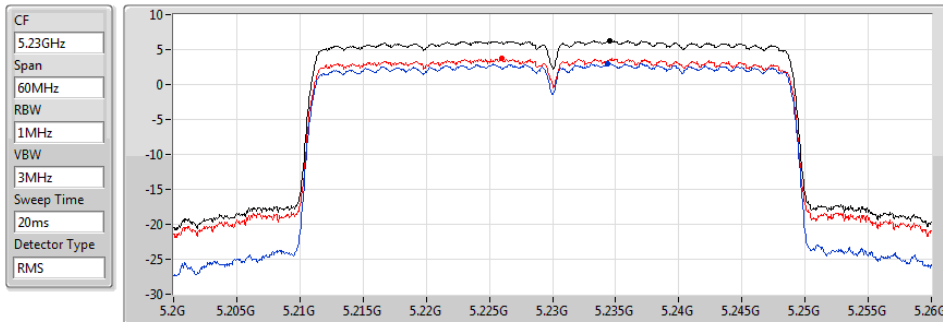
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.56	1.56	-1.54	-1.19

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5230MHz

18/12/2019



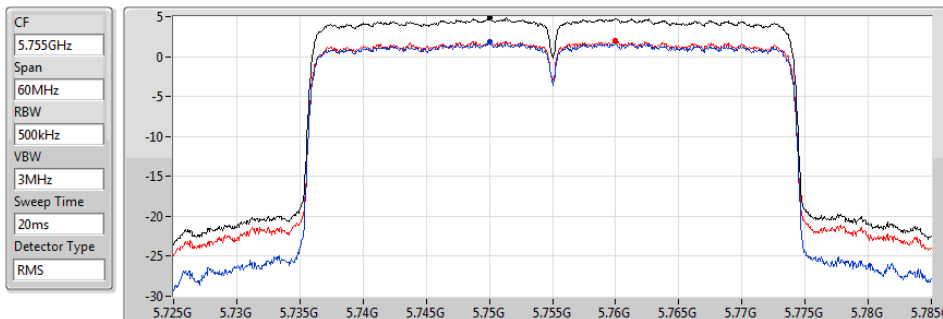
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.29	6.29	3.03	3.73

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5755MHz

18/12/2019



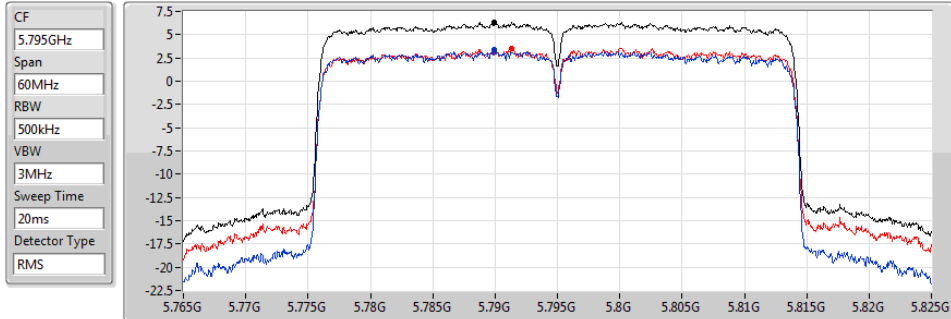
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.88	4.88	1.82	1.96

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5795MHz

18/12/2019



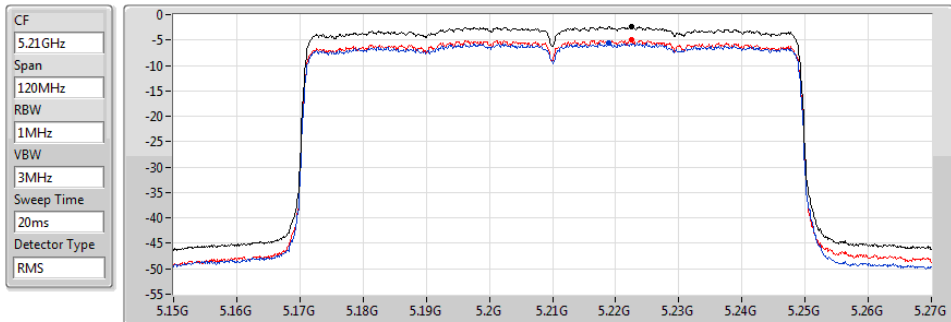
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.28	6.28	3.34	3.51

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5210MHz

18/12/2019



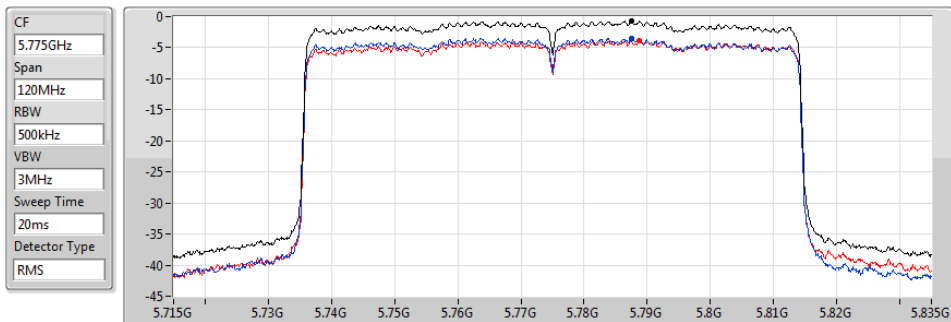
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.34	-2.34	-5.55	-5.01

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5775MHz

18/12/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.67	-0.67	-3.49	-3.81

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	8.71	19.41
802.11ac VHT20_Nss1,(MCS0)_1TX	7.57	18.27
802.11ac VHT40_Nss1,(MCS0)_1TX	3.84	14.54
802.11ac VHT80_Nss1,(MCS0)_1TX	-4.88	5.82
802.11ax HEW20_Nss1,(MCS0)_1TX	7.61	18.31
802.11ax HEW40_Nss1,(MCS0)_1TX	3.83	14.53
802.11ax HEW80_Nss1,(MCS0)_1TX	-4.74	5.96
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	8.50	19.20
802.11ac VHT20_Nss1,(MCS0)_1TX	8.30	19.00
802.11ac VHT40_Nss1,(MCS0)_1TX	4.36	15.06
802.11ac VHT80_Nss1,(MCS0)_1TX	-2.33	8.37
802.11ax HEW20_Nss1,(MCS0)_1TX	8.08	18.78
802.11ax HEW40_Nss1,(MCS0)_1TX	4.24	14.94
802.11ax HEW80_Nss1,(MCS0)_1TX	-1.89	8.81

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	10.70	4.16	4.16	12.30	14.86	23.00
5200MHz_TnomVnom	Pass	10.70	8.71	8.71	12.30	19.41	23.00
5240MHz_TnomVnom	Pass	10.70	7.26	7.26	12.30	17.96	23.00
5745MHz_TnomVnom	Pass	10.70	8.50	8.50	25.30	19.20	36.00
5785MHz_TnomVnom	Pass	10.70	8.00	8.00	25.30	18.70	36.00
5825MHz_TnomVnom	Pass	10.70	8.29	8.29	25.30	18.99	36.00
802.11ac_VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	10.70	3.86	3.86	12.30	14.56	23.00
5200MHz_TnomVnom	Pass	10.70	7.57	7.57	12.30	18.27	23.00
5240MHz_TnomVnom	Pass	10.70	6.86	6.86	12.30	17.56	23.00
5745MHz_TnomVnom	Pass	10.70	8.30	8.30	25.30	19.00	36.00
5785MHz_TnomVnom	Pass	10.70	7.71	7.71	25.30	18.41	36.00
5825MHz_TnomVnom	Pass	10.70	7.53	7.53	25.30	18.23	36.00
802.11ac_VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	10.70	-1.99	-1.99	12.30	8.71	23.00
5230MHz_TnomVnom	Pass	10.70	3.84	3.84	12.30	14.54	23.00
5755MHz_TnomVnom	Pass	10.70	3.91	3.91	25.30	14.61	36.00
5795MHz_TnomVnom	Pass	10.70	4.36	4.36	25.30	15.06	36.00
802.11ac_VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	10.70	-4.88	-4.88	12.30	5.82	23.00
5775MHz_TnomVnom	Pass	10.70	-2.33	-2.33	25.30	8.37	36.00
802.11ax_HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	10.70	3.81	3.81	12.30	14.51	23.00
5200MHz_TnomVnom	Pass	10.70	7.61	7.61	12.30	18.31	23.00
5240MHz_TnomVnom	Pass	10.70	6.66	6.66	12.30	17.36	23.00
5745MHz_TnomVnom	Pass	10.70	8.08	8.08	25.30	18.78	36.00
5785MHz_TnomVnom	Pass	10.70	7.47	7.47	25.30	18.17	36.00
5825MHz_TnomVnom	Pass	10.70	7.37	7.37	25.30	18.07	36.00
802.11ax_HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	10.70	-1.97	-1.97	12.30	8.73	23.00
5230MHz_TnomVnom	Pass	10.70	3.83	3.83	12.30	14.53	23.00
5755MHz_TnomVnom	Pass	10.70	3.92	3.92	25.30	14.62	36.00
5795MHz_TnomVnom	Pass	10.70	4.24	4.24	25.30	14.94	36.00
802.11ax_HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	10.70	-4.74	-4.74	12.30	5.96	23.00
5775MHz_TnomVnom	Pass	10.70	-1.89	-1.89	25.30	8.81	36.00

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

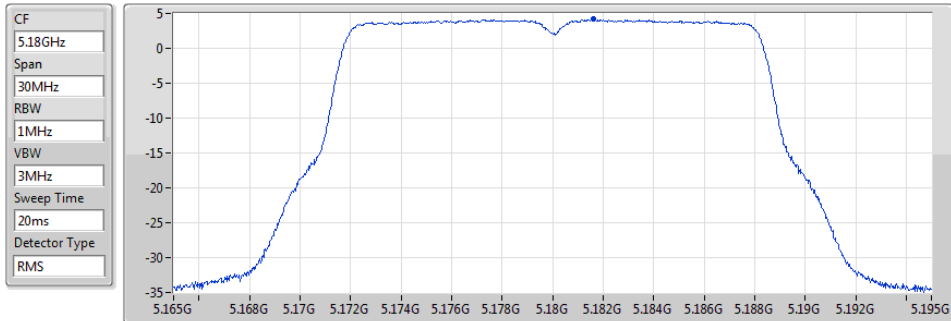
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5180MHz

21/12/2019



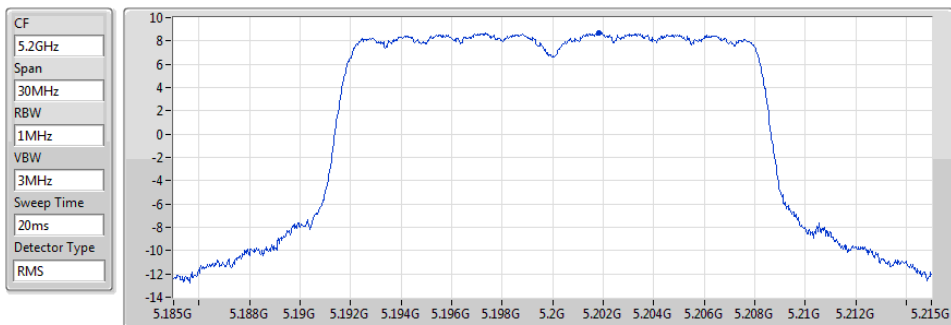
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.16	4.16	4.16

802.11a_Nss1,(6Mbps)_1TX

PSD

5200MHz

21/12/2019



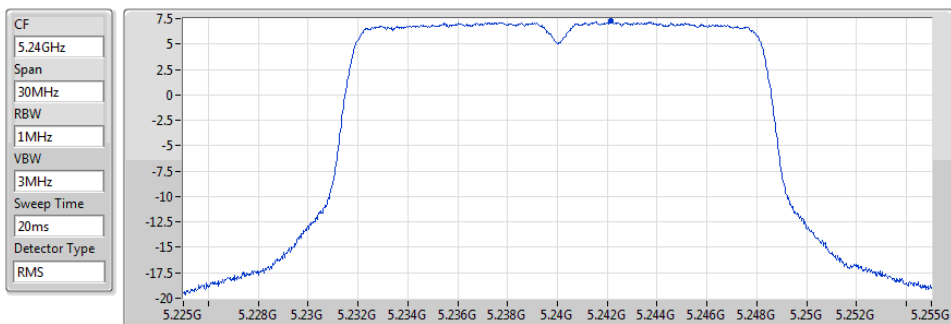
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.71	8.71	8.71

802.11a_Nss1,(6Mbps)_1TX

PSD

5240MHz

21/12/2019



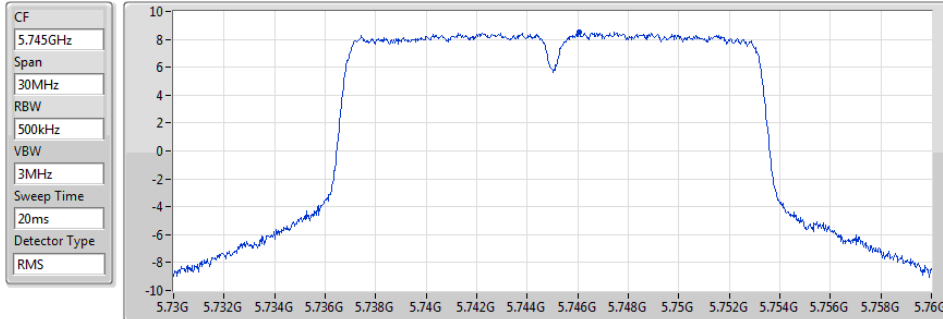
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.26	7.26	7.26

802.11a_Nss1,(6Mbps)_1TX

PSD

5745MHz

21/12/2019



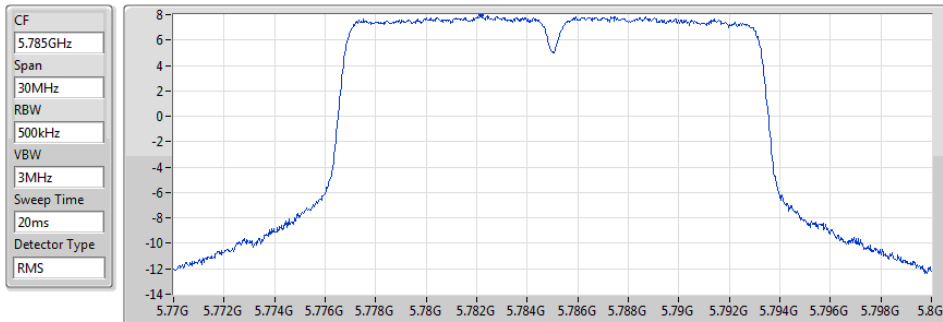
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.50	8.50	8.50

802.11a_Nss1,(6Mbps)_1TX

PSD

5785MHz

21/12/2019



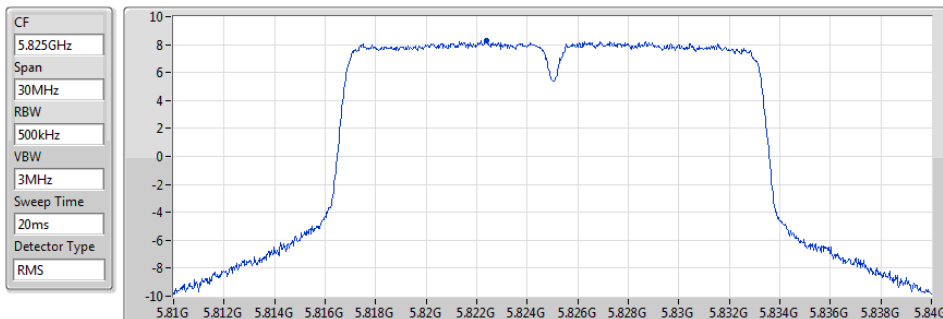
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.00	8.00	8.00

802.11a_Nss1,(6Mbps)_1TX

PSD

5825MHz

21/12/2019



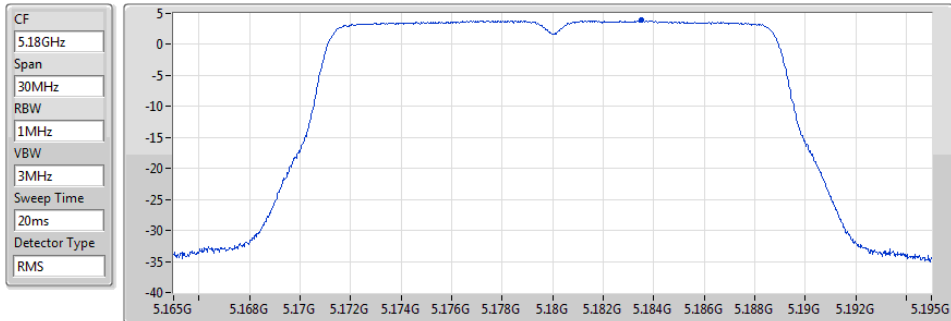
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.29	8.29	8.29

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5180MHz

21/12/2019



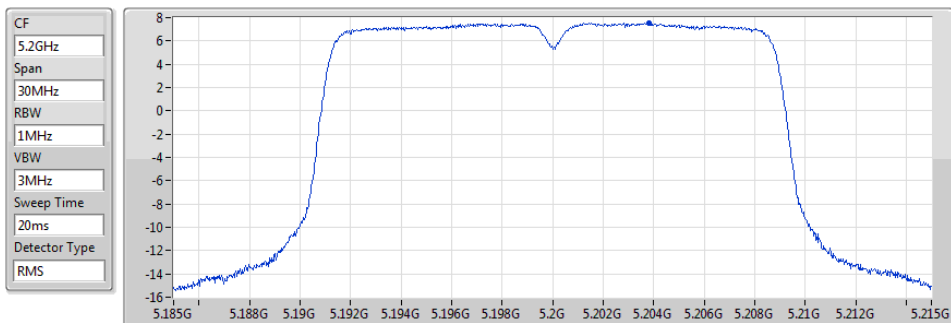
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.86	3.86	3.86

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5200MHz

21/12/2019



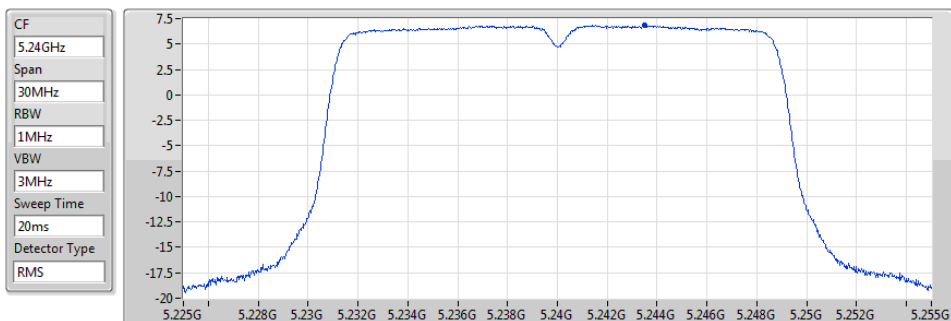
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.57	7.57	7.57

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5240MHz

21/12/2019



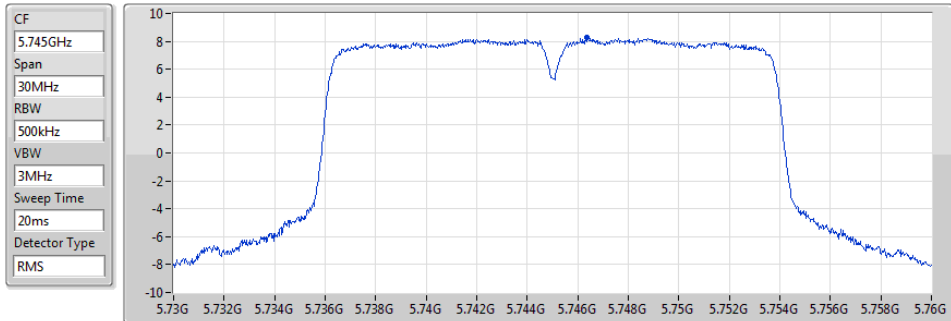
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.86	6.86	6.86

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5745MHz

21/12/2019



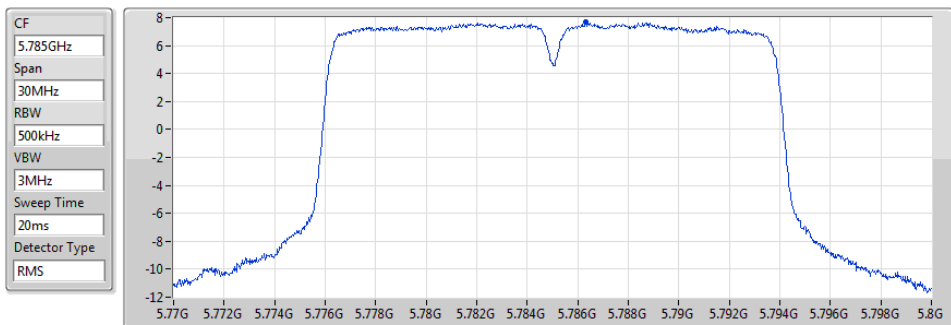
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.30	8.30	8.30

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5785MHz

21/12/2019



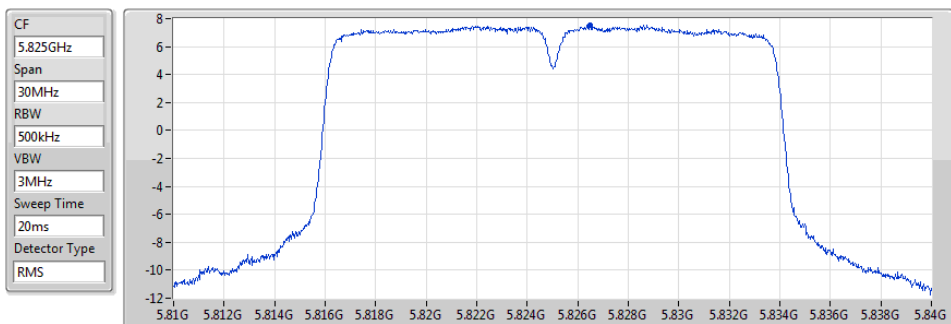
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.71	7.71	7.71

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5825MHz

21/12/2019



Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.53	7.53	7.53

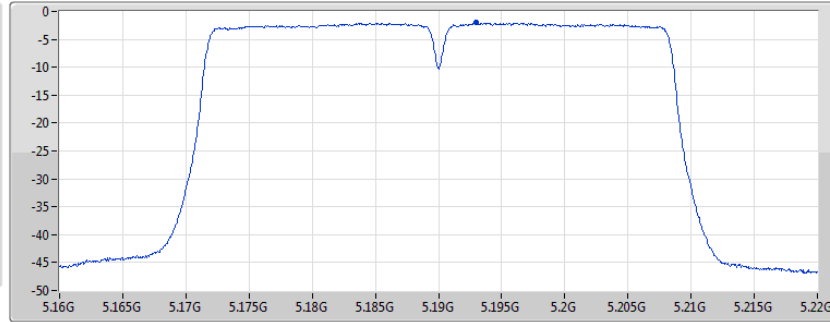
802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5190MHz

21/12/2019

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



Port 1

Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-1.99	-1.99	-1.99

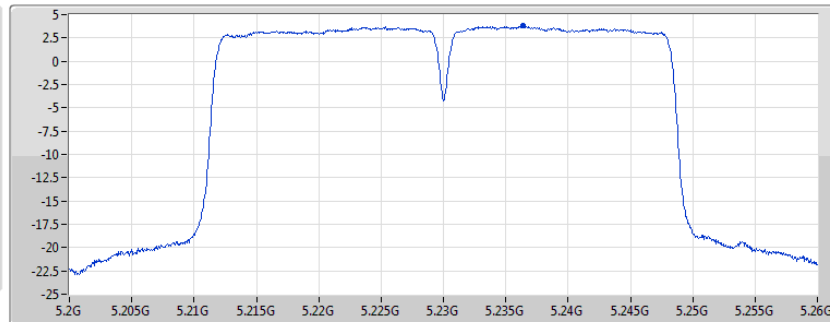
802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5230MHz

21/12/2019

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



Port 1

Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
3.84	3.84	3.84

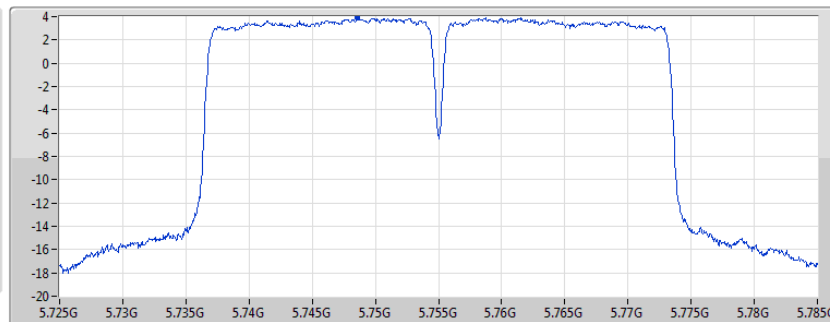
802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5755MHz

21/12/2019

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



Port 1

Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
3.91	3.91	3.91