

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5260MHz	Pass	5.02	23.31	23.31	23.98	24.25
5300MHz	Pass	5.02	23.28	23.28	23.98	24.25
5320MHz	Pass	5.02	22.53	22.53	23.98	23.25
5500MHz	Pass	5.02	20.65	20.65	23.98	21.5
5580MHz	Pass	5.02	23.48	23.48	23.98	24.5
5700MHz	Pass	5.02	19.51	19.51	23.98	20.25
5720MHz Straddle 5.47-5.725GHz	Pass	5.02	21.76	21.76	23.98	23
5720MHz Straddle 5.725-5.85GHz	Pass	5.02	15.67	15.67	30.00	23
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5260MHz	Pass	5.02	23.52	23.52	23.98	24.25
5300MHz	Pass	5.02	23.45	23.45	23.98	24.25
5320MHz	Pass	5.02	20.91	20.91	23.98	21.25
5500MHz	Pass	5.02	19.46	19.46	23.98	20
5580MHz	Pass	5.02	23.05	23.05	23.98	24.25
5700MHz	Pass	5.02	17.82	17.82	23.98	18.25
5720MHz Straddle 5.47-5.725GHz	Pass	5.02	21.01	21.01	23.98	22.75
5720MHz Straddle 5.725-5.85GHz	Pass	5.02	15.49	15.49	30.00	22.75
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5270MHz	Pass	5.02	23.52	23.52	23.98	24
5310MHz	Pass	5.02	19.45	19.45	23.98	19.75
5510MHz	Pass	5.02	18.34	18.34	23.98	18.75
5550MHz	Pass	5.02	23.45	23.45	23.98	24.25
5670MHz	Pass	5.02	21.29	21.29	23.98	21.75
5710MHz Straddle 5.47-5.725GHz	Pass	5.02	22.20	22.20	23.98	22.5
5710MHz Straddle 5.725-5.85GHz	Pass	5.02	12.11	12.11	30.00	22.5
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5290MHz	Pass	5.02	19.53	19.53	23.98	19.75
5530MHz	Pass	5.02	18.79	18.79	23.98	19.5
5610MHz	Pass	5.02	22.71	22.71	23.98	23.5
5690MHz Straddle 5.47-5.725GHz	Pass	5.02	23.03	23.03	23.98	23.5
5690MHz Straddle 5.725-5.85GHz	Pass	5.02	9.39	9.39	30.00	23.5
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5260MHz	Pass	5.02	23.63	23.63	23.98	24.25
5300MHz	Pass	5.02	23.65	23.65	23.98	24.25
5320MHz	Pass	5.02	21.04	21.04	23.98	21.25
5500MHz	Pass	5.02	19.64	19.64	23.98	20
5580MHz	Pass	5.02	23.16	23.16	23.98	24.25
5700MHz	Pass	5.02	17.95	17.95	23.98	18.25
5720MHz Straddle 5.47-5.725GHz	Pass	5.02	21.13	21.13	23.98	22.75
5720MHz Straddle 5.725-5.85GHz	Pass	5.02	15.96	15.96	30.00	22.75
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5270MHz	Pass	5.02	23.68	23.68	23.98	24
5310MHz	Pass	5.02	19.59	19.59	23.98	19.75

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
5510MHz	Pass	5.02	18.52	18.52	23.98	18.75
5550MHz	Pass	5.02	23.61	23.61	23.98	24.25
5670MHz	Pass	5.02	21.43	21.43	23.98	21.75
5710MHz Straddle 5.47-5.725GHz	Pass	5.02	22.35	22.35	23.98	22.5
5710MHz Straddle 5.725-5.85GHz	Pass	5.02	12.85	12.85	30.00	22.5
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5290MHz	Pass	5.02	19.67	19.67	23.98	19.75
5530MHz	Pass	5.02	19.05	19.05	23.98	19.5
5610MHz	Pass	5.02	22.88	22.88	23.98	23.5
5690MHz Straddle 5.47-5.725GHz	Pass	5.02	23.10	23.10	23.98	23.5
5690MHz Straddle 5.725-5.85GHz	Pass	5.02	9.98	9.98	30.00	23.5

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

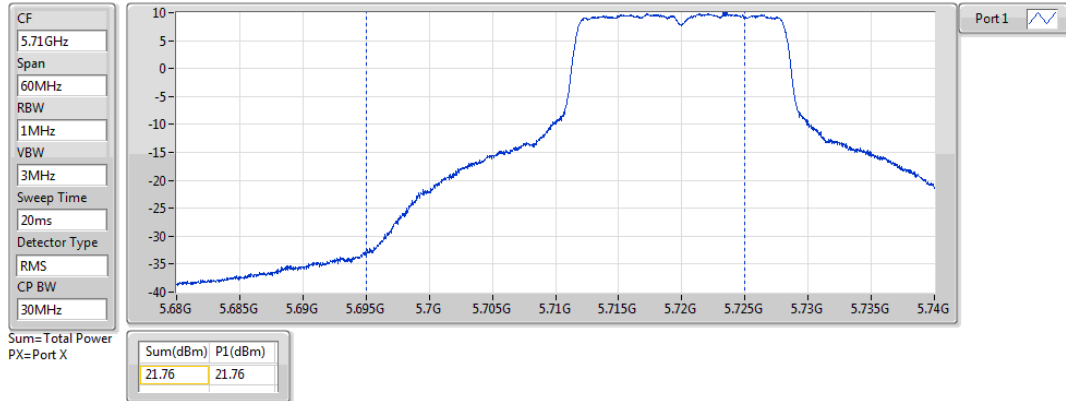
Note : Conducted setting = Pass conducted setting division 4

802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

31/10/2019

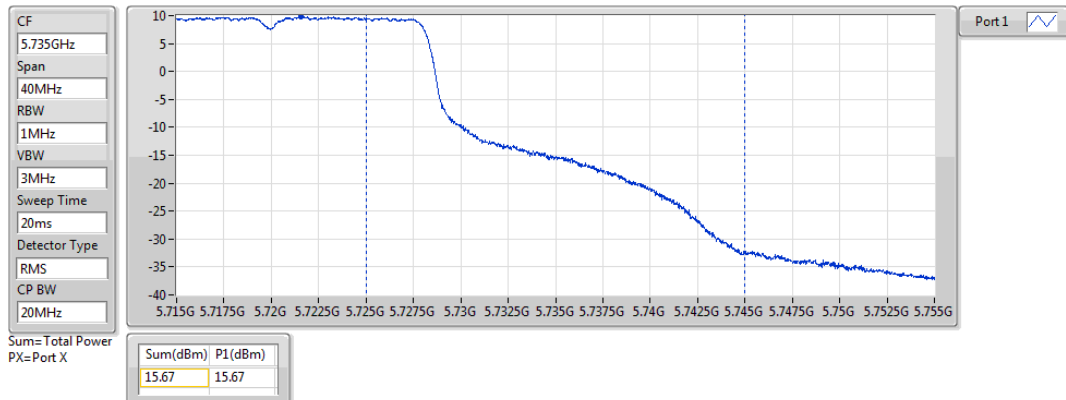


802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

31/10/2019

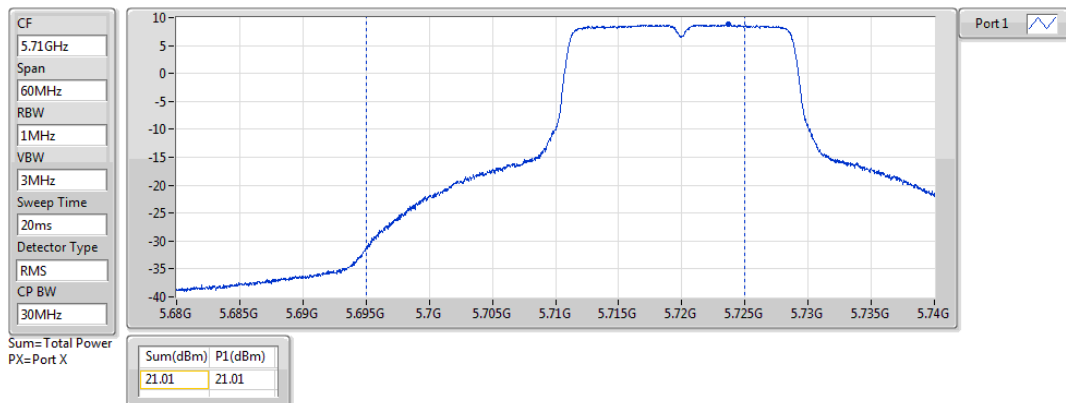


802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

31/10/2019

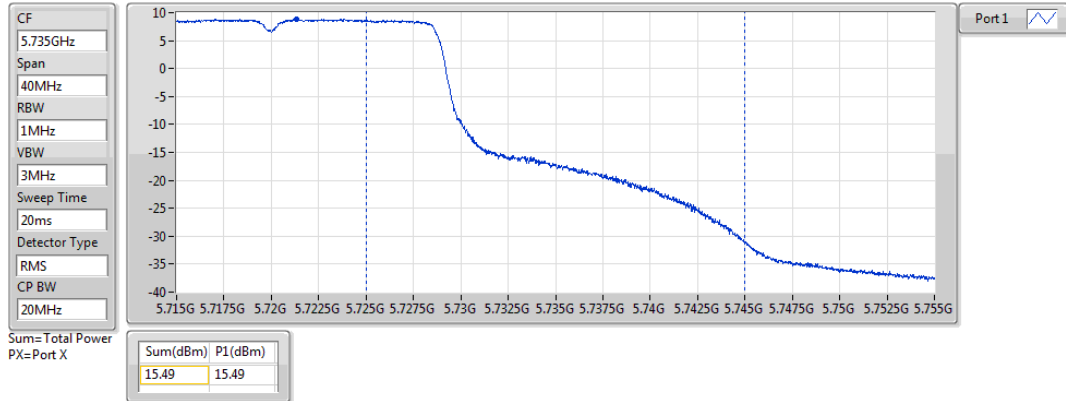


802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

31/10/2019

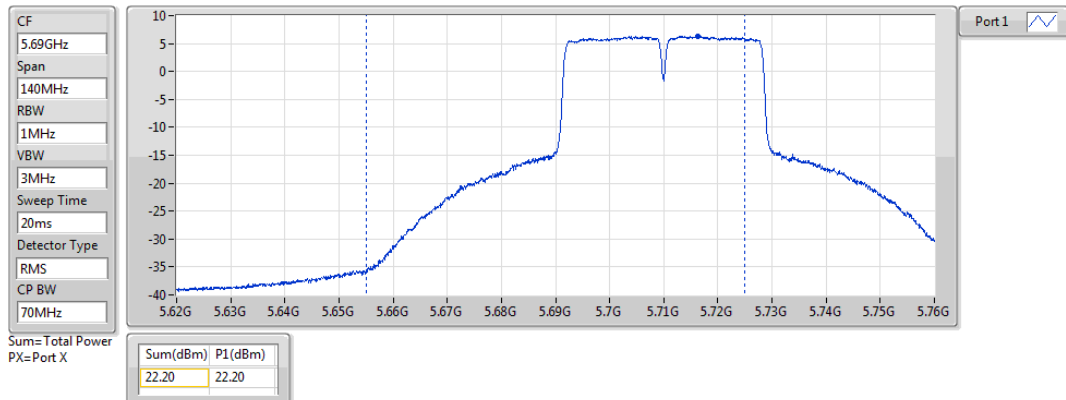


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

31/10/2019

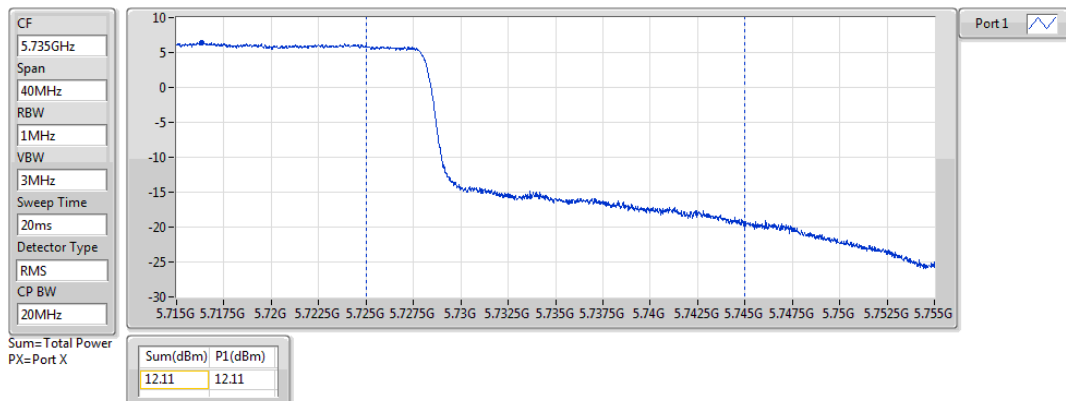


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

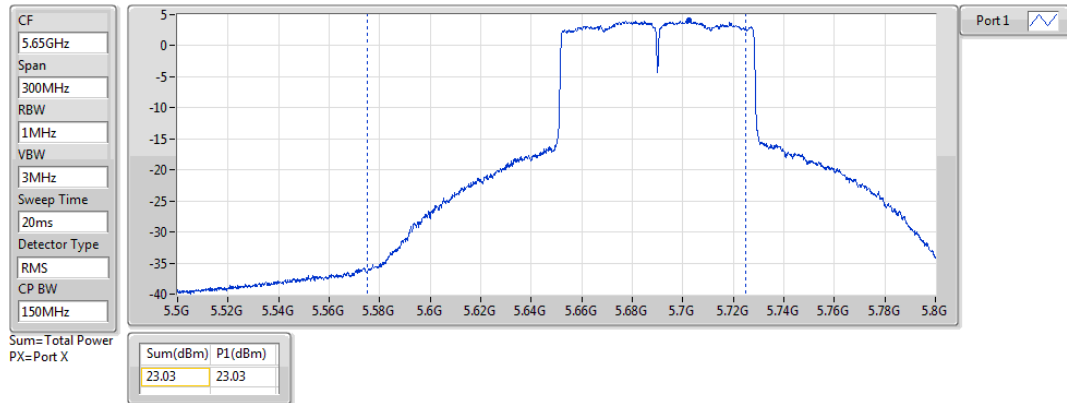
31/10/2019



802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

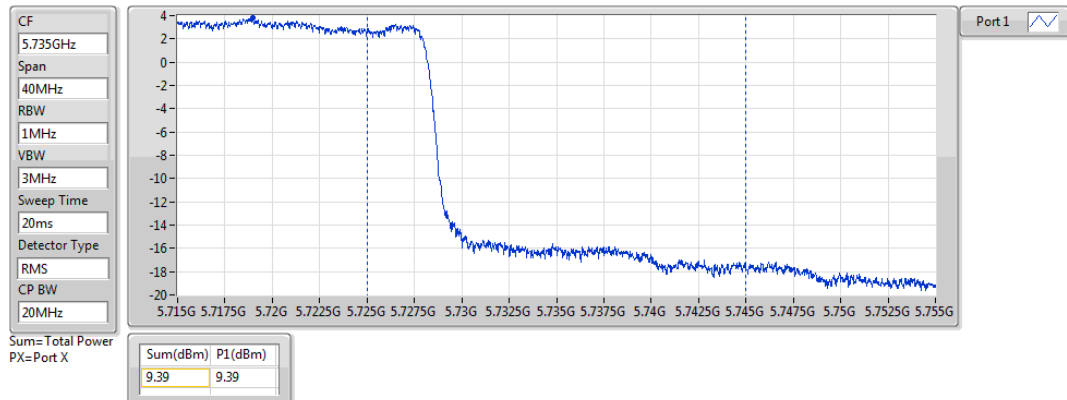
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

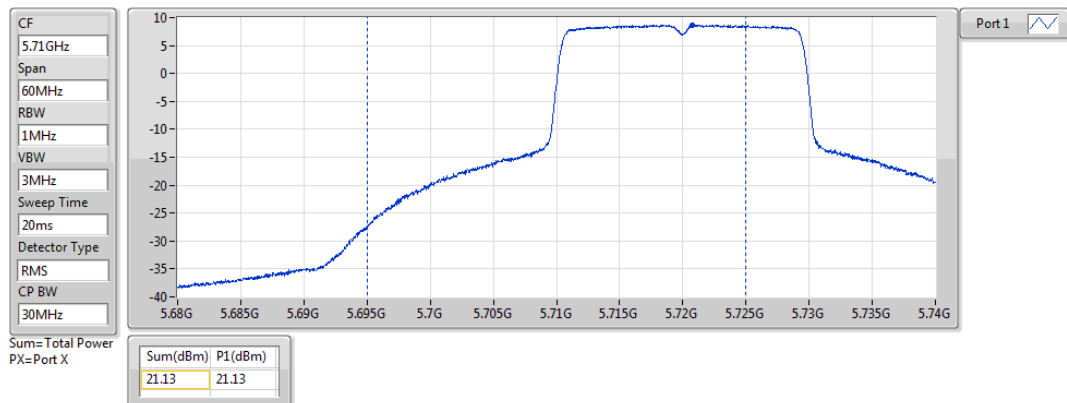
5690MHz Straddle 5.725-5.85GHz



802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

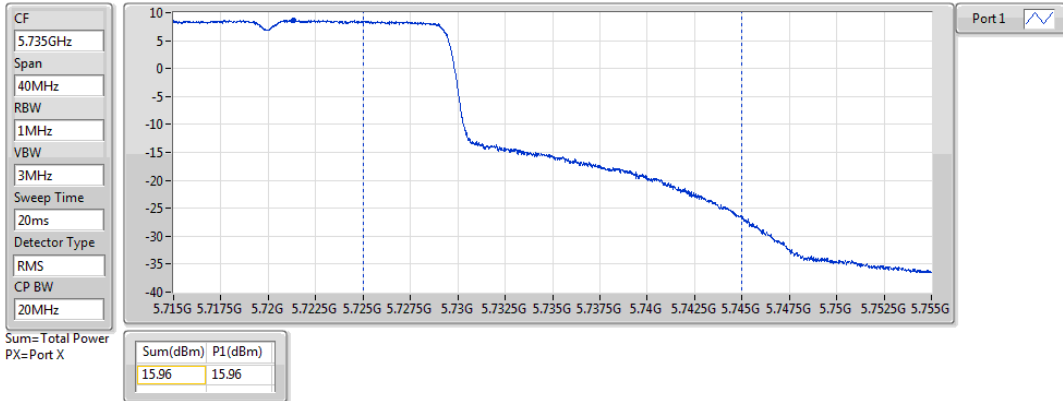


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

31/10/2019

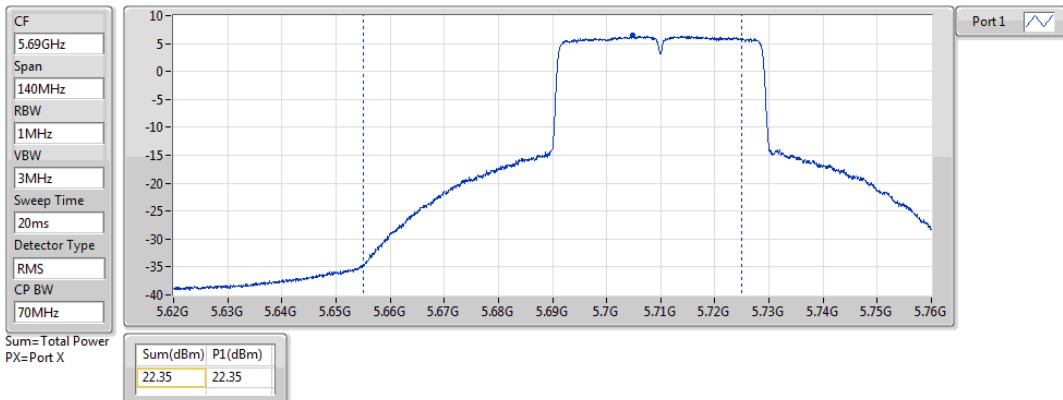


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

31/10/2019

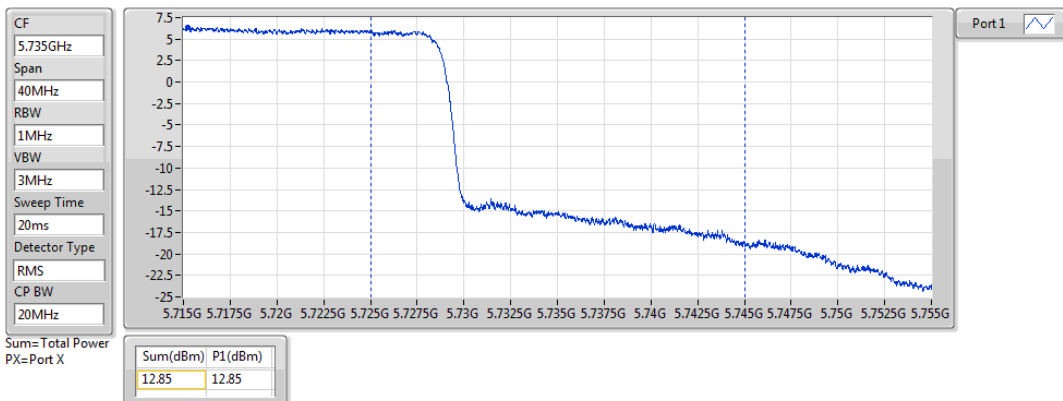


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

31/10/2019

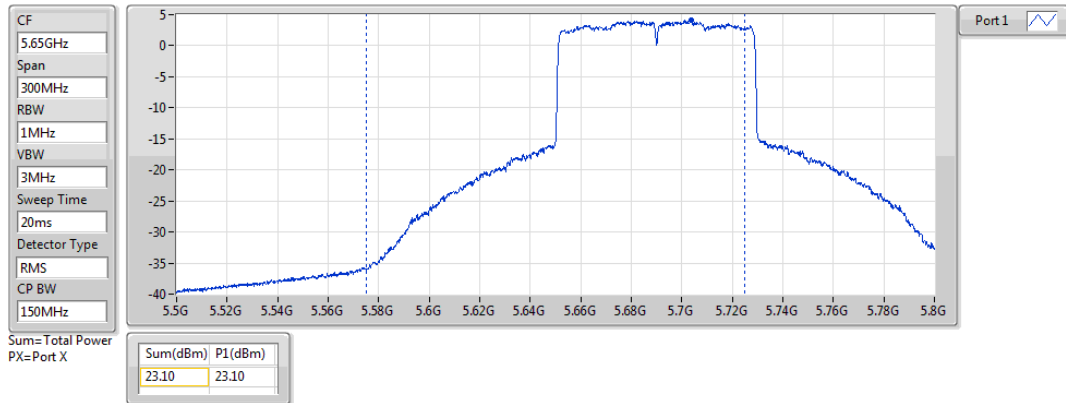


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz

31/10/2019

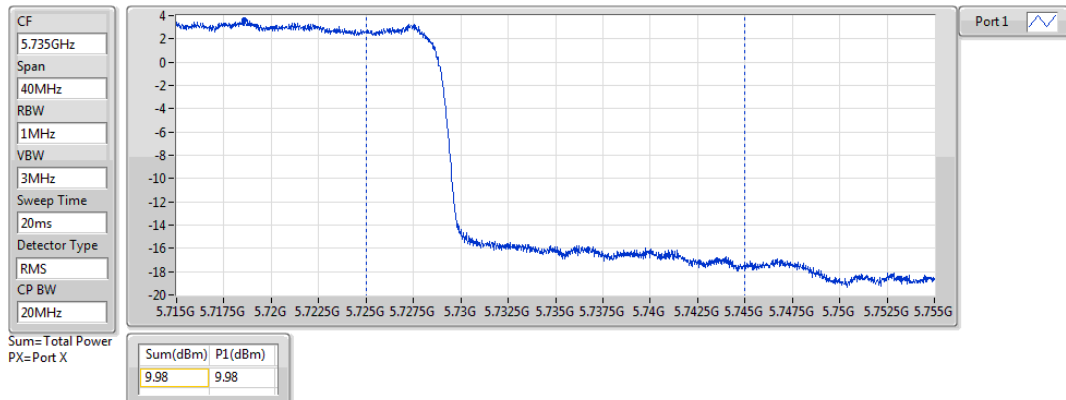


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

31/10/2019



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	21.42	0.13868
802.11ac VHT20_Nss2,(MCS0)_2TX	23.80	0.23988
802.11ac VHT40_Nss2,(MCS0)_2TX	23.70	0.23442
802.11ac VHT80_Nss2,(MCS0)_2TX	20.40	0.10965
802.11ax HEW20_Nss2,(MCS0)_2TX	23.96	0.24889
802.11ax HEW40_Nss2,(MCS0)_2TX	23.94	0.24774
802.11ax HEW80_Nss2,(MCS0)_2TX	20.52	0.11272
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	21.45	0.13964
802.11ac VHT20_Nss2,(MCS0)_2TX	23.72	0.23550
802.11ac VHT40_Nss2,(MCS0)_2TX	23.67	0.23281
802.11ac VHT80_Nss2,(MCS0)_2TX	23.79	0.23933
802.11ax HEW20_Nss2,(MCS0)_2TX	23.93	0.24717
802.11ax HEW40_Nss2,(MCS0)_2TX	23.90	0.24547
802.11ax HEW80_Nss2,(MCS0)_2TX	23.94	0.24774
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	14.55	0.02851
802.11ac VHT20_Nss2,(MCS0)_2TX	17.45	0.05559
802.11ac VHT40_Nss2,(MCS0)_2TX	13.23	0.02104
802.11ac VHT80_Nss2,(MCS0)_2TX	9.83	0.00962
802.11ax HEW20_Nss2,(MCS0)_2TX	18.12	0.06486
802.11ax HEW40_Nss2,(MCS0)_2TX	14.32	0.02704
802.11ax HEW80_Nss2,(MCS0)_2TX	10.60	0.01148

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-
5260MHz	Pass	5.02	17.92	18.76	21.37	23.98	18.25
5300MHz	Pass	5.02	17.94	18.83	21.42	23.98	18.25
5320MHz	Pass	5.02	17.91	18.65	21.31	23.98	18.25
5500MHz	Pass	5.02	17.68	18.31	21.02	23.98	18
5580MHz	Pass	5.02	17.97	18.87	21.45	23.98	18.75
5700MHz	Pass	5.02	17.10	17.72	20.43	23.98	17.5
5720MHz Straddle 5.47-5.725GHz	Pass	5.02	17.47	18.28	20.90	22.96	18.5
5720MHz Straddle 5.725-5.85GHz	Pass	5.02	11.16	11.88	14.55	30.00	18.5
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5260MHz	Pass	5.02	20.28	21.24	23.80	23.98	20.75
5300MHz	Pass	5.02	20.23	21.12	23.71	23.98	20.75
5320MHz	Pass	5.02	19.91	20.54	23.25	23.98	20.25
5500MHz	Pass	5.02	19.45	20.11	22.80	23.98	20
5580MHz	Pass	5.02	20.16	21.20	23.72	23.98	21
5700MHz	Pass	5.02	16.39	17.12	19.78	23.98	16.75
5720MHz Straddle 5.47-5.725GHz	Pass	5.02	19.63	20.40	23.04	23.88	21
5720MHz Straddle 5.725-5.85GHz	Pass	5.02	13.99	14.84	17.45	30.00	21
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5270MHz	Pass	5.02	20.42	20.95	23.70	23.98	20.75
5310MHz	Pass	5.02	17.74	18.63	21.22	23.98	18
5510MHz	Pass	5.02	16.78	17.52	20.18	23.98	17
5550MHz	Pass	5.02	20.19	21.08	23.67	23.98	21
5670MHz	Pass	5.02	18.64	19.48	22.09	23.98	19
5710MHz Straddle 5.47-5.725GHz	Pass	5.02	20.16	20.78	23.49	23.98	20.5
5710MHz Straddle 5.725-5.85GHz	Pass	5.02	9.89	10.53	13.23	30.00	20.5
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5290MHz	Pass	5.02	17.05	17.71	20.40	23.98	17.25
5530MHz	Pass	5.02	17.67	18.55	21.14	23.98	18.5
5610MHz	Pass	5.02	20.04	21.12	23.62	23.98	21
5690MHz Straddle 5.47-5.725GHz	Pass	5.02	20.25	21.26	23.79	23.98	20.75
5690MHz Straddle 5.725-5.85GHz	Pass	5.02	6.40	7.20	9.83	30.00	20.75
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5260MHz	Pass	5.02	20.50	21.36	23.96	23.98	20.75
5300MHz	Pass	5.02	20.55	21.29	23.95	23.98	20.75
5320MHz	Pass	5.02	20.14	20.87	23.53	23.98	20.25
5500MHz	Pass	5.02	19.78	20.36	23.09	23.98	20
5580MHz	Pass	5.02	20.45	21.35	23.93	23.98	21
5700MHz	Pass	5.02	16.67	17.38	20.05	23.98	16.75
5720MHz Straddle 5.47-5.725GHz	Pass	5.02	19.74	20.41	23.10	23.64	21
5720MHz Straddle 5.725-5.85GHz	Pass	5.02	14.82	15.38	18.12	30.00	21
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5270MHz	Pass	5.02	20.61	21.23	23.94	23.98	20.75
5310MHz	Pass	5.02	17.94	18.81	21.41	23.98	18

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
5510MHz	Pass	5.02	16.89	17.60	20.27	23.98	17
5550MHz	Pass	5.02	20.41	21.23	23.85	23.98	21
5670MHz	Pass	5.02	18.75	19.59	22.20	23.98	19
5710MHz Straddle 5.47-5.725GHz	Pass	5.02	20.45	21.28	23.90	23.98	20.5
5710MHz Straddle 5.725-5.85GHz	Pass	5.02	10.98	11.62	14.32	30.00	20.5
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5290MHz	Pass	5.02	17.12	17.86	20.52	23.98	17.25
5530MHz	Pass	5.02	17.95	18.70	21.35	23.98	18.5
5610MHz	Pass	5.02	20.36	21.18	23.80	23.98	21
5690MHz Straddle 5.47-5.725GHz	Pass	5.02	20.38	21.42	23.94	23.98	20.75
5690MHz Straddle 5.725-5.85GHz	Pass	5.02	7.21	7.93	10.60	30.00	20.75

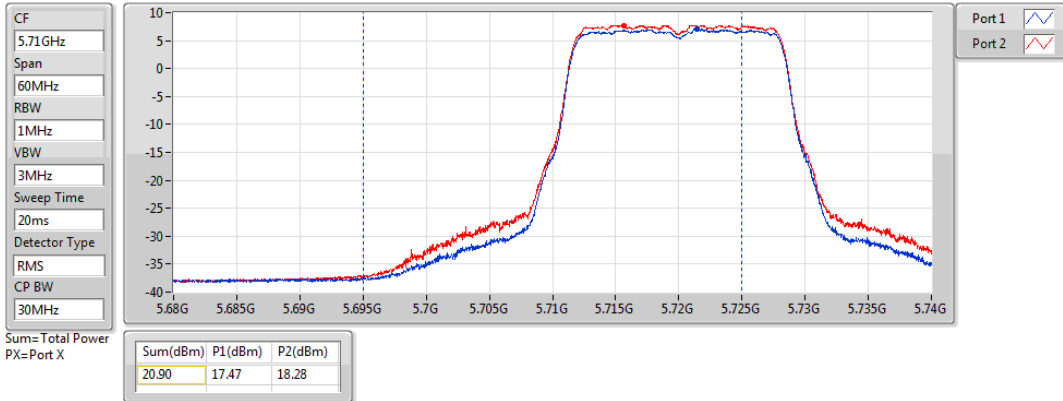
DG = Directional Gain; **Port X** = Port X output power

Note : Conducted setting = Pass conducted setting division 4

802.11a_Nss1,(6Mbps)_2TX

AV Power

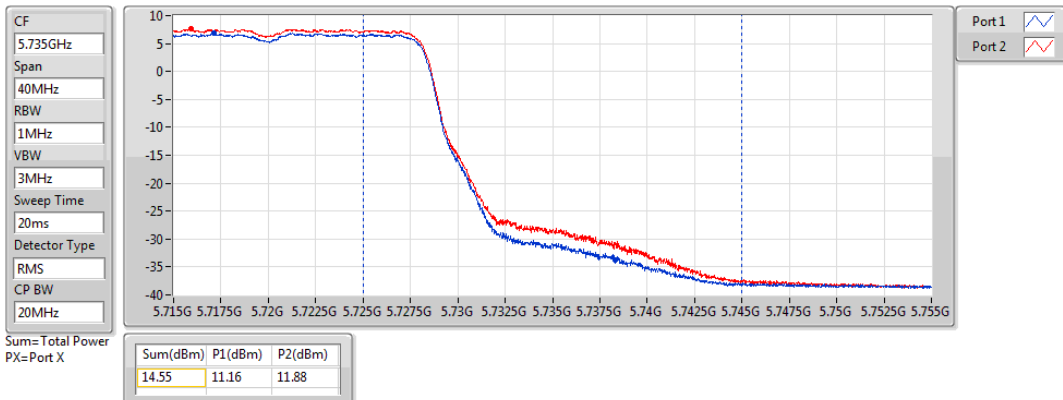
5720MHz Straddle 5.47-5.725GHz



802.11a_Nss1,(6Mbps)_2TX

AV Power

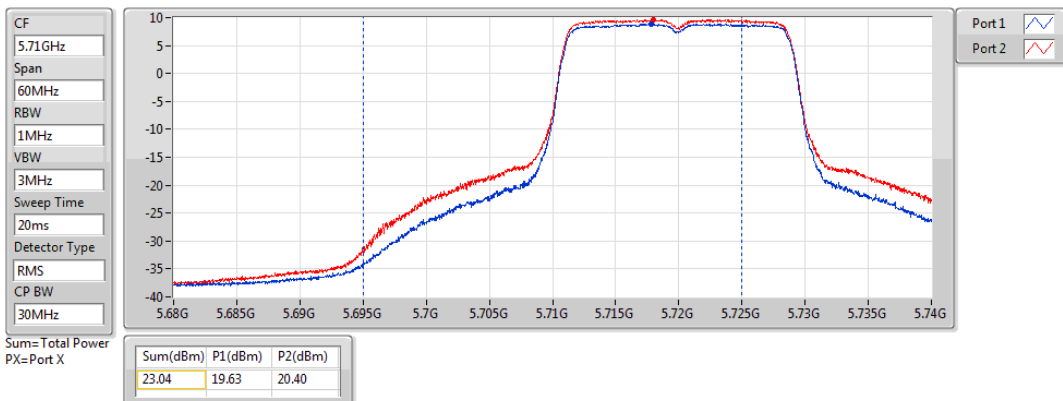
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

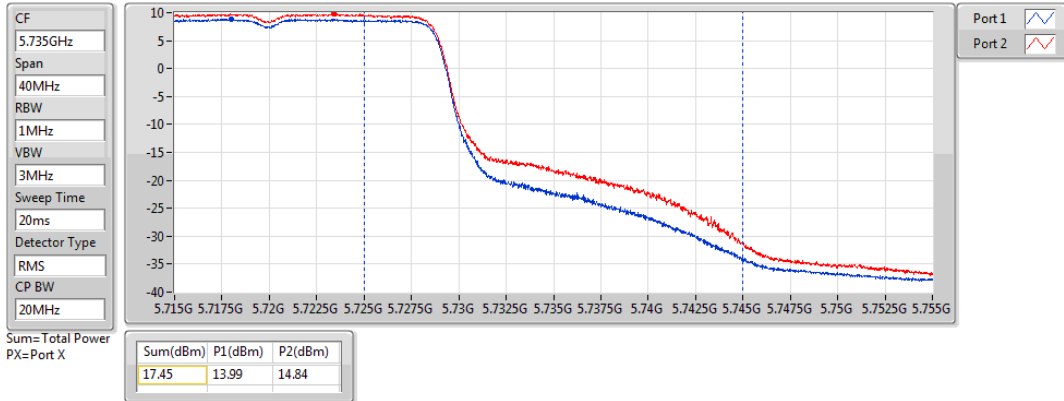


802.11ac VHT20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

01/11/2019

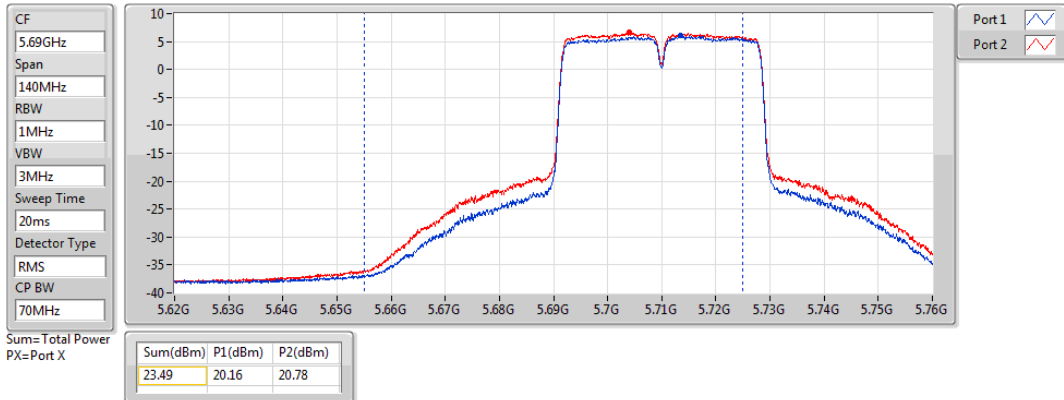


802.11ac VHT40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

01/11/2019

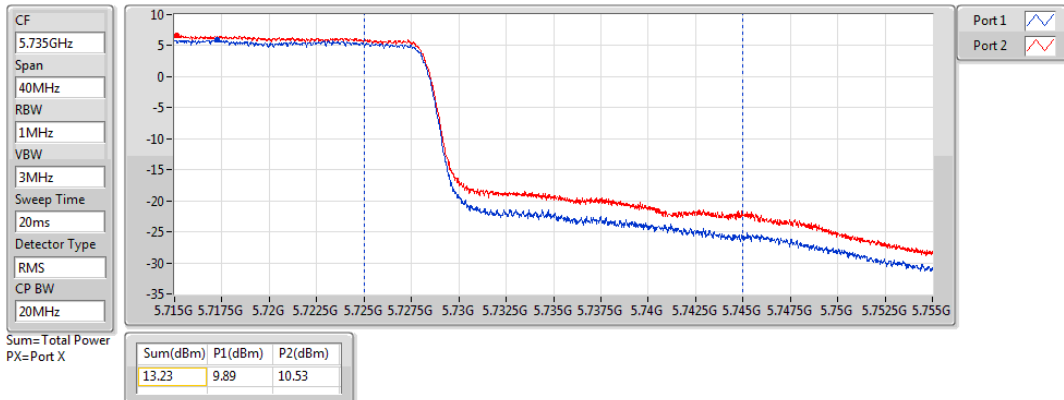


802.11ac VHT40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

01/11/2019

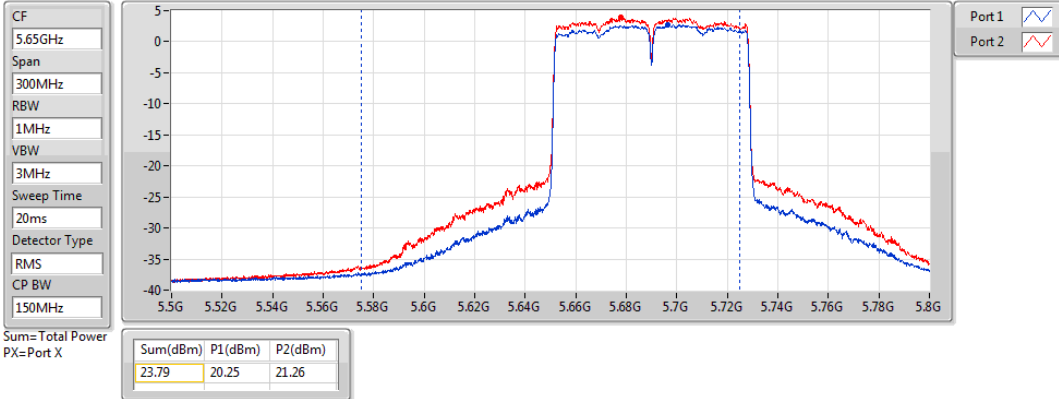


802.11ac VHT80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

01/11/2019

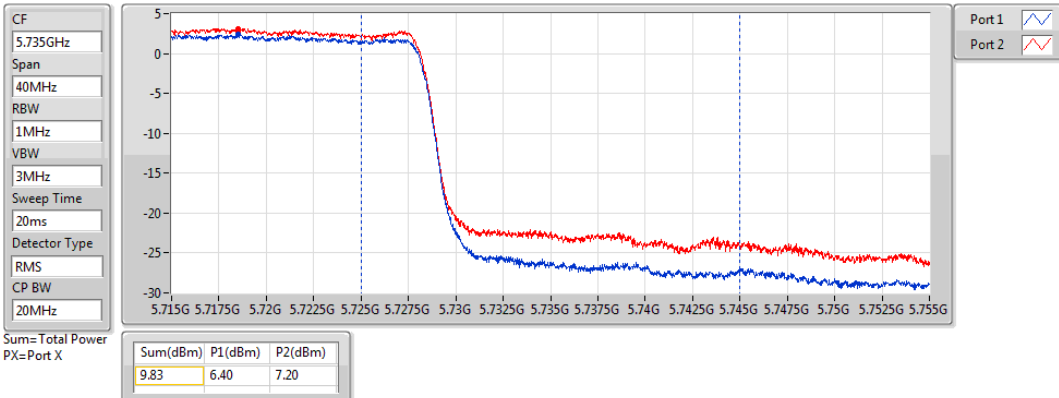


802.11ac VHT80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

01/11/2019

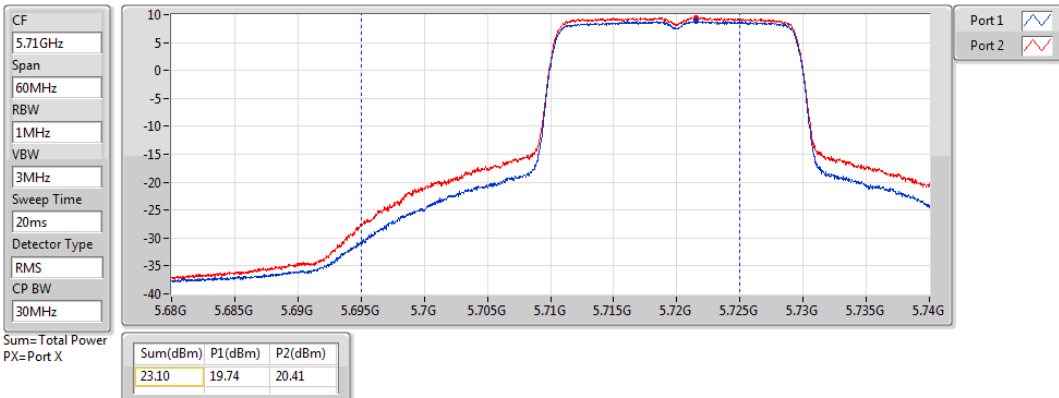


802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

01/11/2019

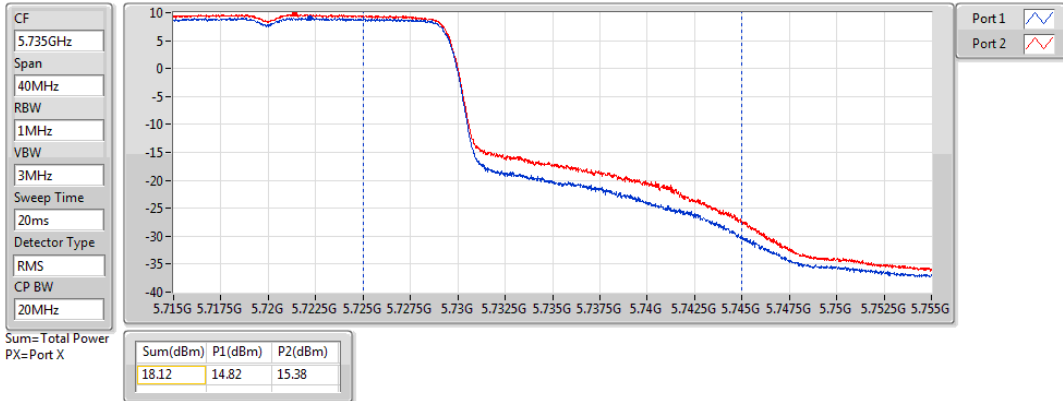


802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

01/11/2019

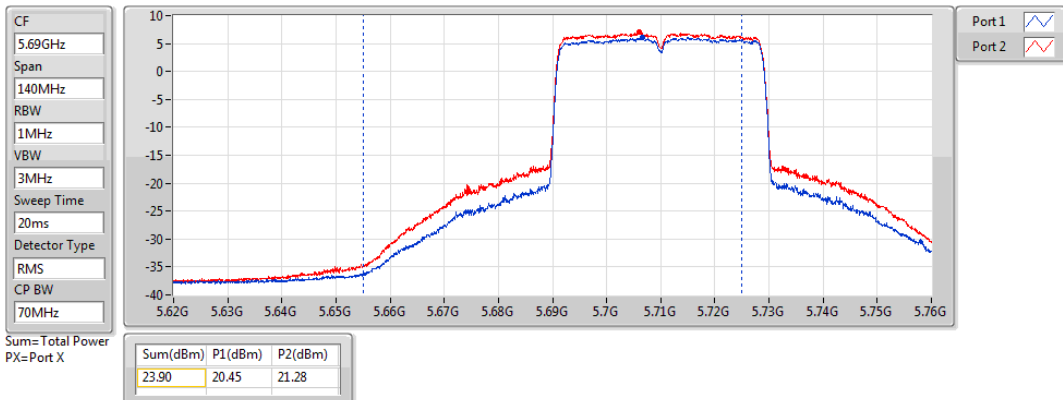


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

01/11/2019

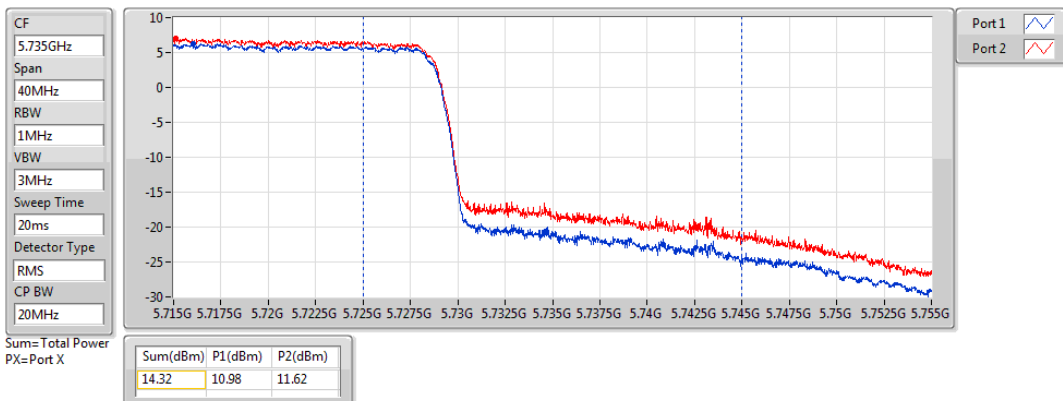


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

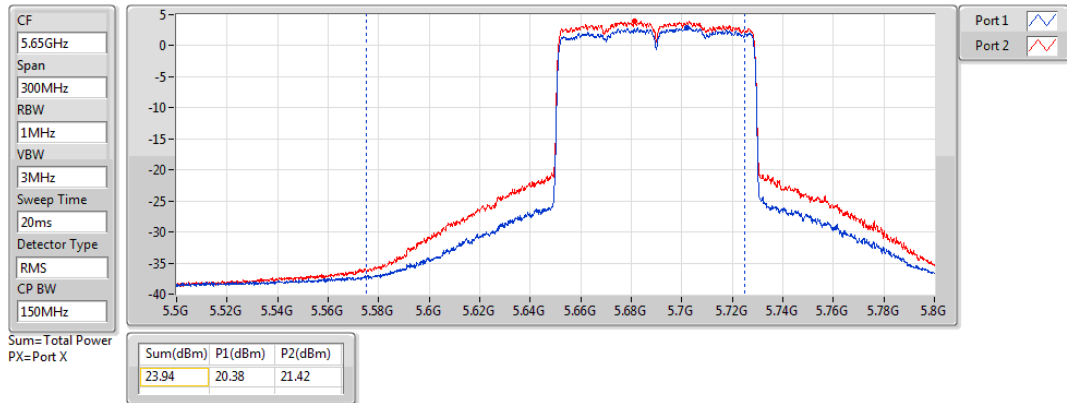
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802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

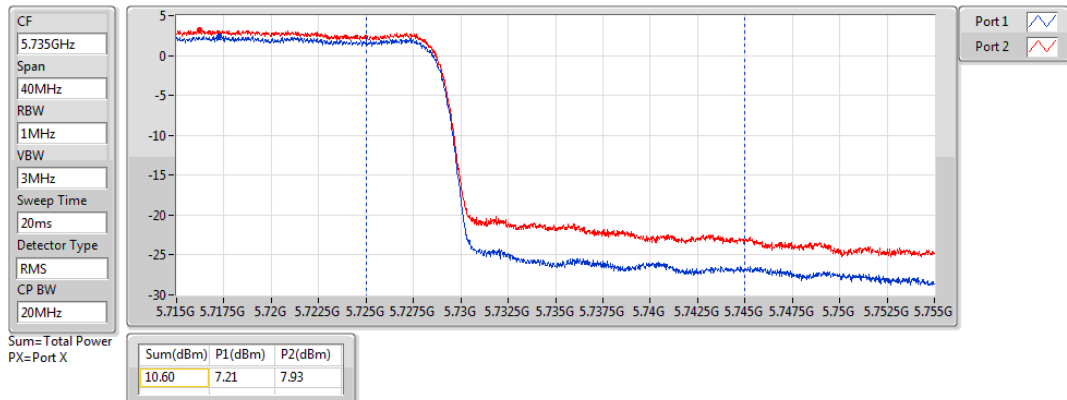
5690MHz Straddle 5.47-5.725GHz



802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.47	0.14028
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.72	0.14859
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	20.59	0.11455
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.58	0.14388
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.83	0.15241
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.73	0.11830
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.52	0.14191
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.86	0.15346
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	21.76	0.14997
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.61	0.14488
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.92	0.15560
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	21.85	0.15311
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	14.77	0.02999
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	11.54	0.01426
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	7.66	0.00583
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	15.64	0.03664
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	12.31	0.01702
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	8.48	0.00705

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5260MHz	Pass	8.03	18.73	18.15	21.46	21.95	18.25
5300MHz	Pass	8.03	18.71	18.09	21.42	21.95	18
5320MHz	Pass	8.03	18.68	18.22	21.47	21.95	18
5500MHz	Pass	8.03	18.63	18.39	21.52	21.95	18
5580MHz	Pass	8.03	18.34	18.50	21.43	21.95	18.25
5700MHz	Pass	8.03	16.46	16.18	19.33	21.95	16.25
5720MHz Straddle 5.47-5.725GHz	Pass	8.03	17.60	17.19	20.41	20.97	18
5720MHz Straddle 5.725-5.85GHz	Pass	8.03	11.96	11.54	14.77	27.97	18
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5270MHz	Pass	8.03	18.95	18.46	21.72	21.95	18.5
5310MHz	Pass	8.03	18.69	18.18	21.45	21.95	18
5510MHz	Pass	8.03	17.82	17.91	20.88	21.95	17.25
5550MHz	Pass	8.03	18.49	18.74	21.63	21.95	18.25
5670MHz	Pass	8.03	18.77	18.58	21.69	21.95	18.5
5710MHz Straddle 5.47-5.725GHz	Pass	8.03	19.09	18.59	21.86	21.95	18.5
5710MHz Straddle 5.725-5.85GHz	Pass	8.03	8.78	8.26	11.54	27.97	18.5
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5290MHz	Pass	8.03	17.85	17.29	20.59	21.95	17
5530MHz	Pass	8.03	16.35	16.50	19.44	21.95	15.75
5610MHz	Pass	8.03	18.70	18.56	21.64	21.95	18.5
5690MHz Straddle 5.47-5.725GHz	Pass	8.03	19.01	18.48	21.76	21.95	18.5
5690MHz Straddle 5.725-5.85GHz	Pass	8.03	5.04	4.22	7.66	27.97	18.5
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5260MHz	Pass	8.03	18.76	18.34	21.57	21.95	18.25
5300MHz	Pass	8.03	18.80	18.12	21.48	21.95	18
5320MHz	Pass	8.03	18.77	18.35	21.58	21.95	18
5500MHz	Pass	8.03	18.74	18.46	21.61	21.95	18
5580MHz	Pass	8.03	18.41	18.56	21.50	21.95	18.25
5700MHz	Pass	8.03	16.58	16.24	19.42	21.95	16.25
5720MHz Straddle 5.47-5.725GHz	Pass	8.03	18.02	17.66	20.85	20.96	18
5720MHz Straddle 5.725-5.85GHz	Pass	8.03	12.87	12.38	15.64	27.97	18
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5270MHz	Pass	8.03	19.04	18.58	21.83	21.95	18.5
5310MHz	Pass	8.03	18.75	18.26	21.52	21.95	18
5510MHz	Pass	8.03	17.88	17.95	20.93	21.95	17.25
5550MHz	Pass	8.03	18.75	18.85	21.81	21.95	18.25
5670MHz	Pass	8.03	18.89	18.61	21.76	21.95	18.5
5710MHz Straddle 5.47-5.725GHz	Pass	8.03	19.10	18.72	21.92	21.95	18.5
5710MHz Straddle 5.725-5.85GHz	Pass	8.03	9.59	8.98	12.31	27.97	18.5
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5290MHz	Pass	8.03	17.96	17.47	20.73	21.95	17
5530MHz	Pass	8.03	16.54	16.63	19.60	21.95	15.75
5610MHz	Pass	8.03	18.98	18.67	21.84	21.95	18.5



Average Power

Appendix B.18

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
5690MHz Straddle 5.47-5.725GHz	Pass	8.03	19.03	18.65	21.85	21.95	18.5
5690MHz Straddle 5.725-5.85GHz	Pass	8.03	5.84	5.06	8.48	27.97	18.5

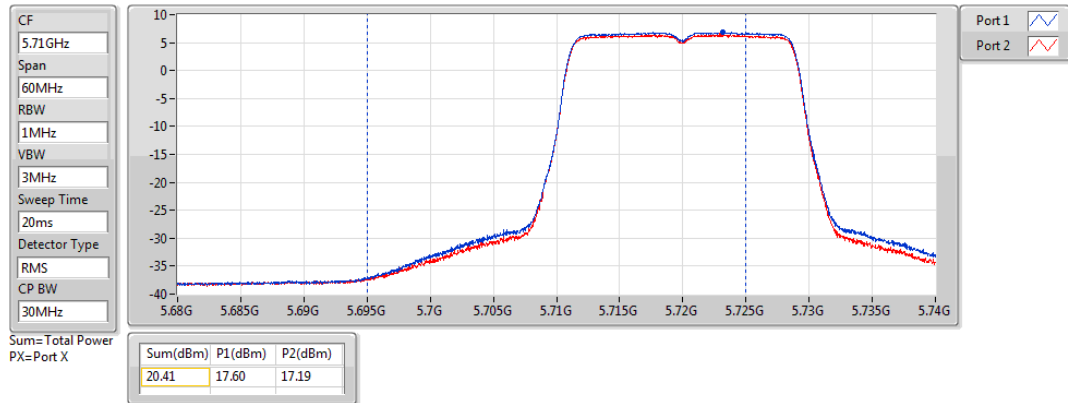
DG = Directional Gain; **Port X** = Port X output power

Note : Conducted setting = Pass conducted setting division 4

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

AV Power

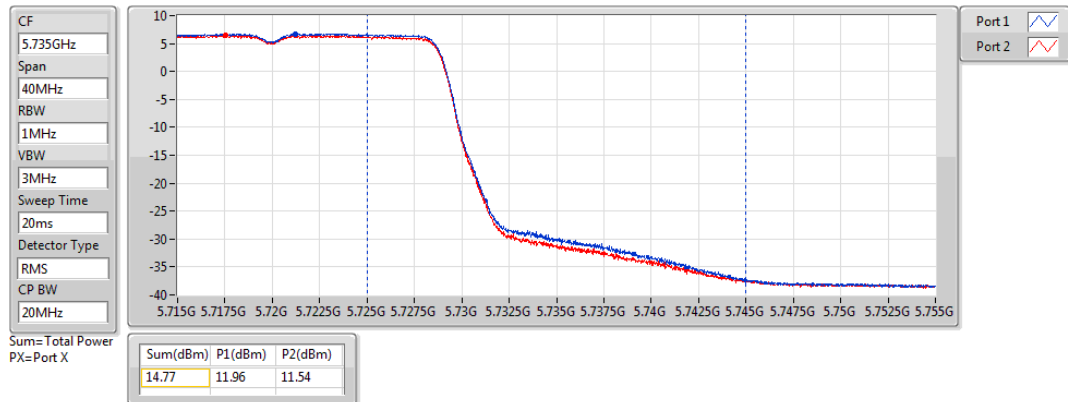
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

AV Power

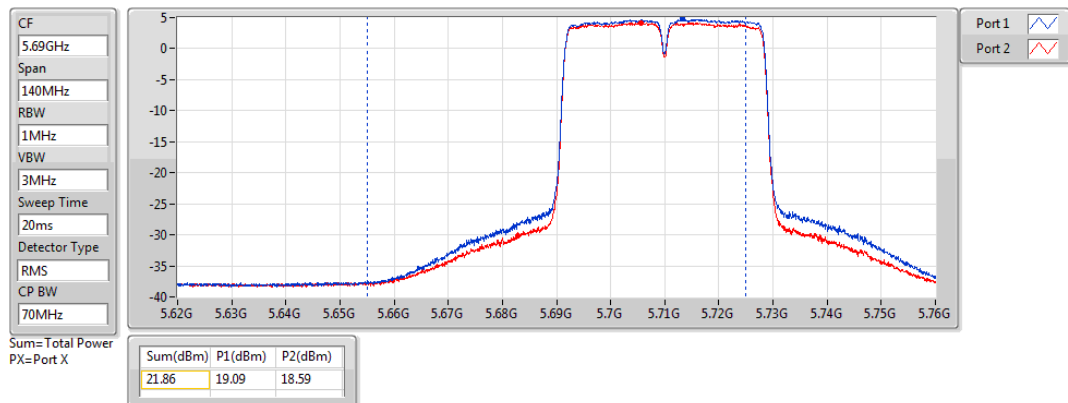
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

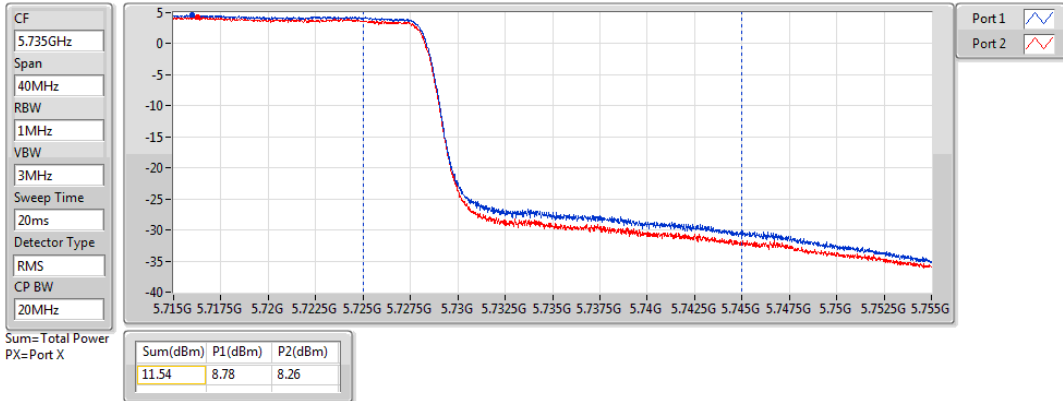


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

01/11/2019

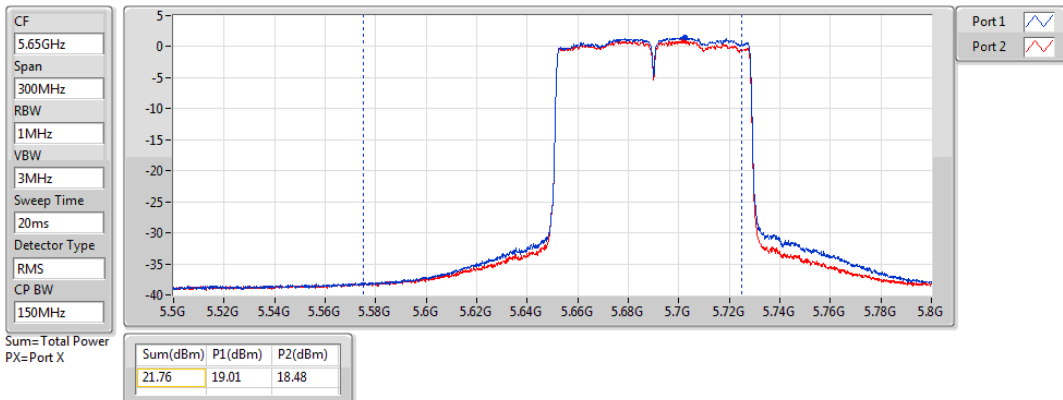


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

01/11/2019

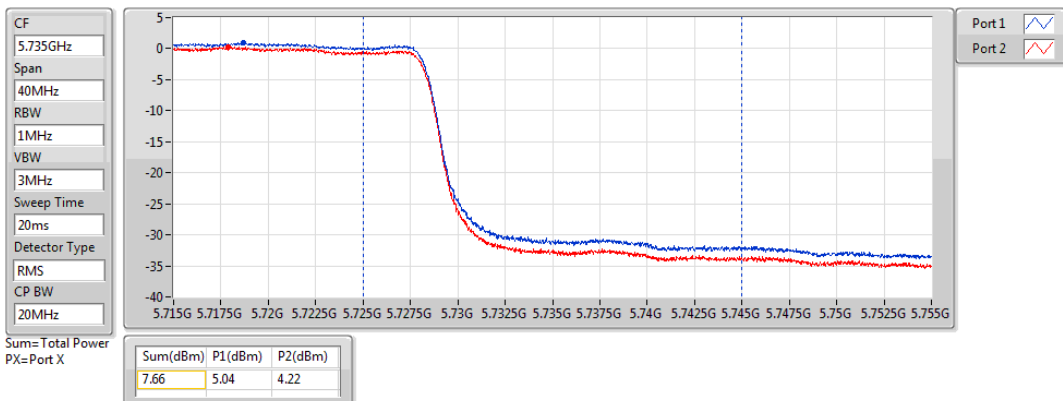


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

01/11/2019



802.11ax HEW20-BF_Nss1,(MCS0)_2TX

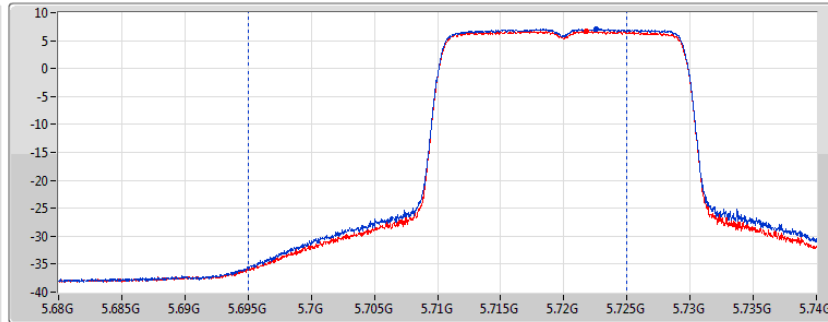
AV Power

5720MHz Straddle 5.47-5.725GHz

01/11/2019

CF
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
30MHz

Sum=Total Power
PX=Port X



Port 1
Port 2

Sum(dBm)	P1(dBm)	P2(dBm)
20.85	18.02	17.66

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

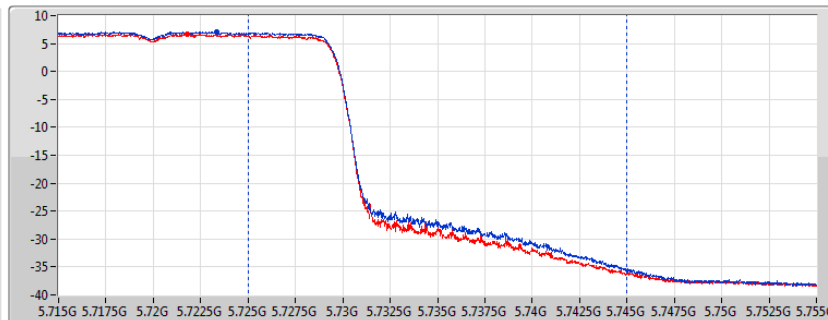
AV Power

5720MHz Straddle 5.725-5.85GHz

01/11/2019

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

Sum=Total Power
PX=Port X



Port 1
Port 2

Sum(dBm)	P1(dBm)	P2(dBm)
15.64	12.87	12.38

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

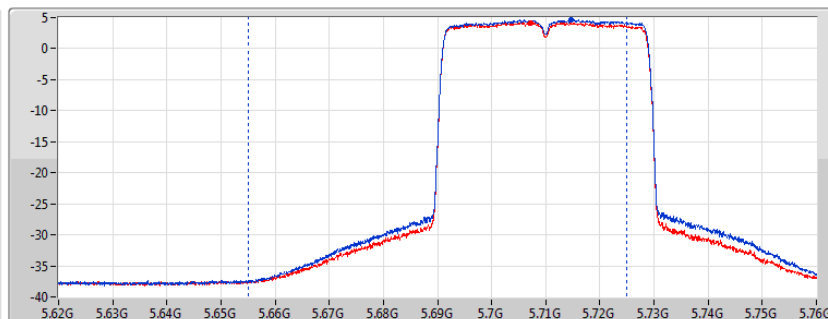
AV Power

5710MHz Straddle 5.47-5.725GHz

01/11/2019

CF
5.69GHz
Span
140MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
70MHz

Sum=Total Power
PX=Port X



Port 1
Port 2

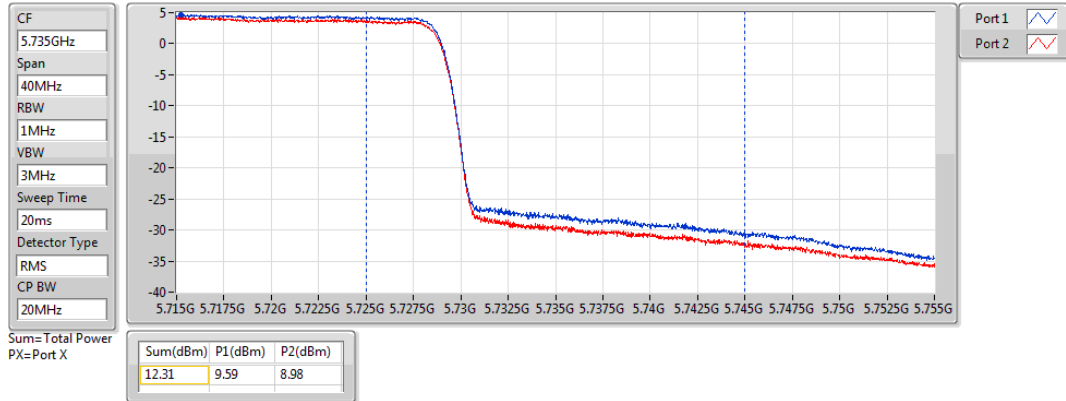
Sum(dBm)	P1(dBm)	P2(dBm)
21.92	19.10	18.72

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

01/11/2019

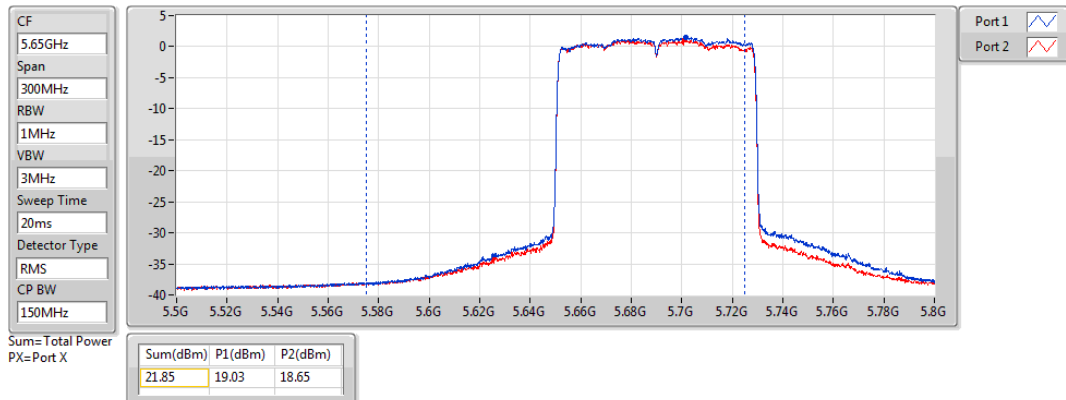


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

01/11/2019

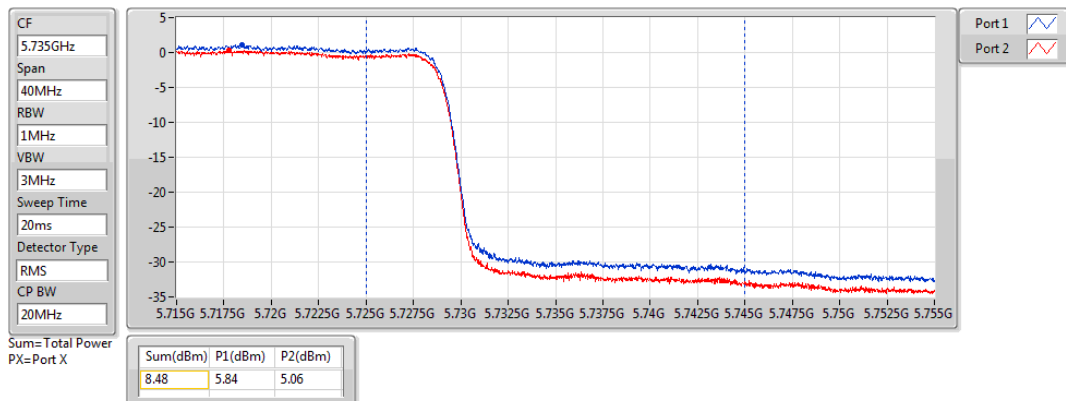


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

01/11/2019



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	21.58	0.14388
802.11ac VHT20_Nss1,(MCS0)_1TX	21.76	0.14997
802.11ac VHT40_Nss1,(MCS0)_1TX	20.02	0.10046
802.11ac VHT80_Nss1,(MCS0)_1TX	17.07	0.05093
802.11ax HEW20_Nss1,(MCS0)_1TX	21.96	0.15704
802.11ax HEW40_Nss1,(MCS0)_1TX	20.11	0.10257
802.11ax HEW80_Nss1,(MCS0)_1TX	17.22	0.05272
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	21.48	0.14060
802.11ac VHT20_Nss1,(MCS0)_1TX	21.65	0.14622
802.11ac VHT40_Nss1,(MCS0)_1TX	20.23	0.10544
802.11ac VHT80_Nss1,(MCS0)_1TX	19.69	0.09311
802.11ax HEW20_Nss1,(MCS0)_1TX	21.95	0.15668
802.11ax HEW40_Nss1,(MCS0)_1TX	20.32	0.10765
802.11ax HEW80_Nss1,(MCS0)_1TX	19.89	0.09750
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	10.95	0.01245
802.11ac VHT20_Nss1,(MCS0)_1TX	12.99	0.01991
802.11ac VHT40_Nss1,(MCS0)_1TX	10.10	0.01023
802.11ac VHT80_Nss1,(MCS0)_1TX	5.94	0.00393
802.11ax HEW20_Nss1,(MCS0)_1TX	13.24	0.02109
802.11ax HEW40_Nss1,(MCS0)_1TX	10.78	0.01197
802.11ax HEW80_Nss1,(MCS0)_1TX	6.70	0.00468



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5260MHz	Pass	8.00	21.58	21.58	21.98	22.25
5300MHz	Pass	8.00	21.23	21.23	21.98	21.75
5320MHz	Pass	8.00	17.19	17.19	21.98	17.5
5500MHz	Pass	8.00	15.86	15.86	21.98	16
5580MHz	Pass	8.00	21.48	21.48	21.98	22.25
5700MHz	Pass	8.00	15.13	15.13	21.98	15.25
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	17.32	17.32	20.99	18.75
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	10.95	10.95	28.00	18.75
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5260MHz	Pass	8.00	21.76	21.76	21.98	22.5
5300MHz	Pass	8.00	21.08	21.08	21.98	21.5
5320MHz	Pass	8.00	16.81	16.81	21.98	17
5500MHz	Pass	8.00	15.96	15.96	21.98	16
5580MHz	Pass	8.00	21.65	21.65	21.98	22.5
5700MHz	Pass	8.00	12.77	12.77	21.98	12.5
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	18.43	18.43	21.89	19.75
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	12.99	12.99	28.00	19.75
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5270MHz	Pass	8.00	20.02	20.02	21.98	20.5
5310MHz	Pass	8.00	16.34	16.34	21.98	16.25
5510MHz	Pass	8.00	15.42	15.42	21.98	15.25
5550MHz	Pass	8.00	19.24	19.24	21.98	19.75
5670MHz	Pass	8.00	16.92	16.92	21.98	17
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	20.23	20.23	21.98	20.5
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	10.10	10.10	28.00	20.5
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5290MHz	Pass	8.00	17.07	17.07	21.98	17.25
5530MHz	Pass	8.00	16.02	16.02	21.98	16.25
5610MHz	Pass	8.00	17.27	17.27	21.98	17.75
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	19.69	19.69	21.98	19.75
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	5.94	5.94	28.00	19.75
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5260MHz	Pass	8.00	21.96	21.96	21.98	22.5
5300MHz	Pass	8.00	21.18	21.18	21.98	21.5
5320MHz	Pass	8.00	17.22	17.22	21.98	17
5500MHz	Pass	8.00	16.27	16.27	21.98	16
5580MHz	Pass	8.00	21.95	21.95	21.98	22.5
5700MHz	Pass	8.00	13.03	13.03	21.98	12.5
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	18.49	18.49	21.87	19.75
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	13.24	13.24	28.00	19.75
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5270MHz	Pass	8.00	20.11	20.11	21.98	20.5
5310MHz	Pass	8.00	16.39	16.39	21.98	16.25

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
5510MHz	Pass	8.00	15.56	15.56	21.98	15.25
5550MHz	Pass	8.00	19.35	19.35	21.98	19.75
5670MHz	Pass	8.00	17.05	17.05	21.98	17
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	20.32	20.32	21.98	20.5
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	10.78	10.78	28.00	20.5
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5290MHz	Pass	8.00	17.22	17.22	21.98	17.25
5530MHz	Pass	8.00	16.17	16.17	21.98	16.25
5610MHz	Pass	8.00	17.56	17.56	21.98	17.75
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	19.89	19.89	21.98	19.75
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	6.70	6.70	28.00	19.75

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

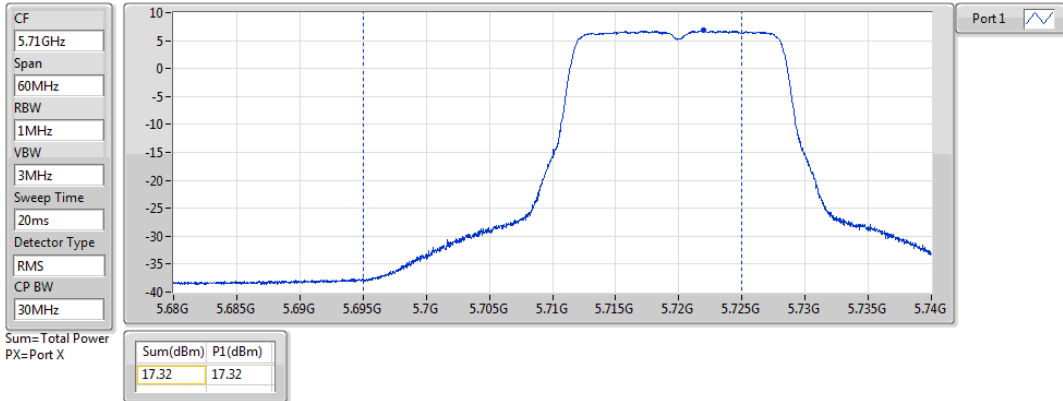
Note : Conducted setting = Pass conducted setting division 4

802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

04/11/2019

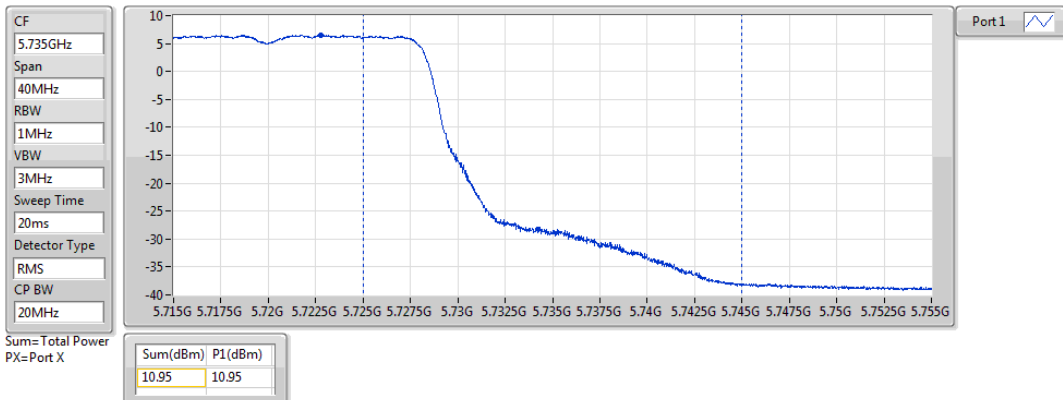


802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

04/11/2019

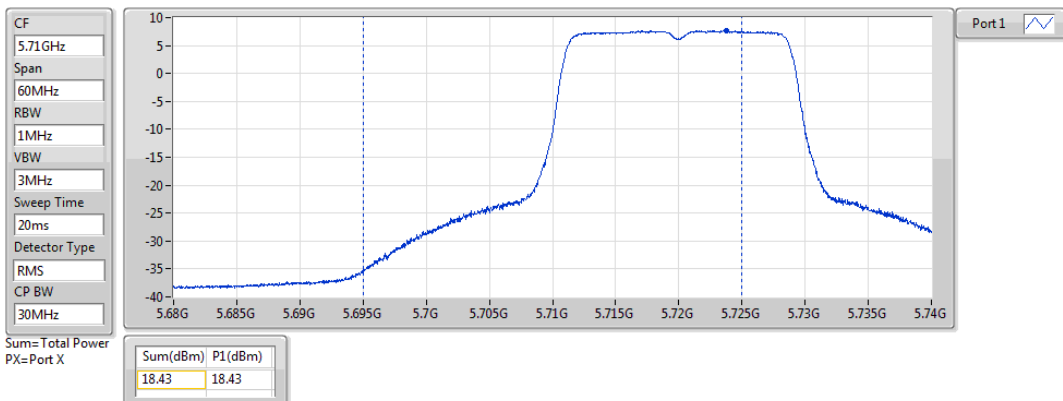


802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

04/11/2019

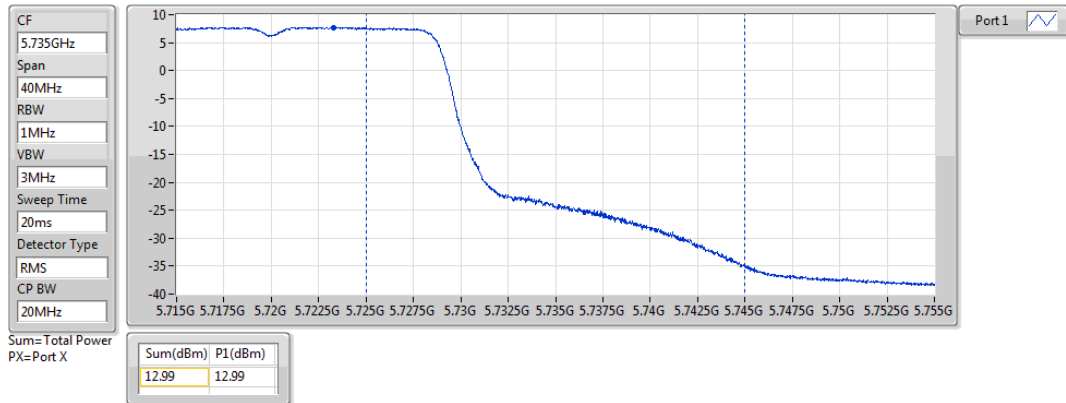


802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

04/11/2019

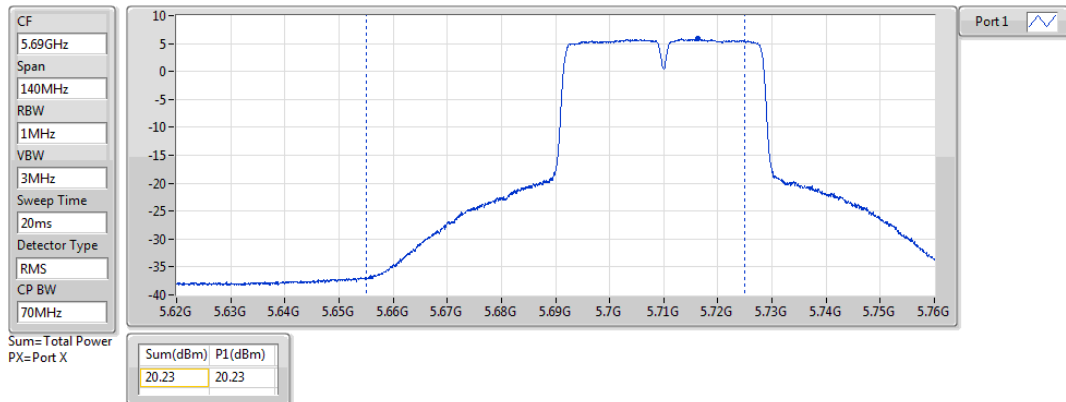


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

04/11/2019

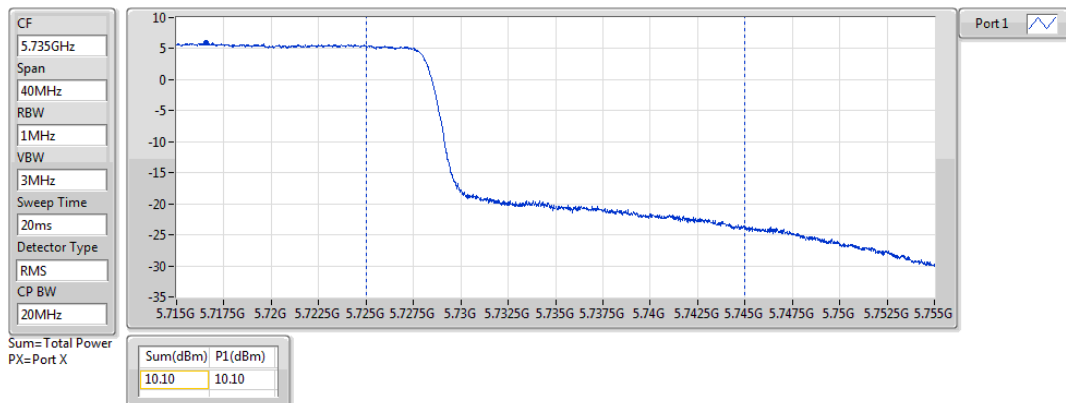


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

04/11/2019

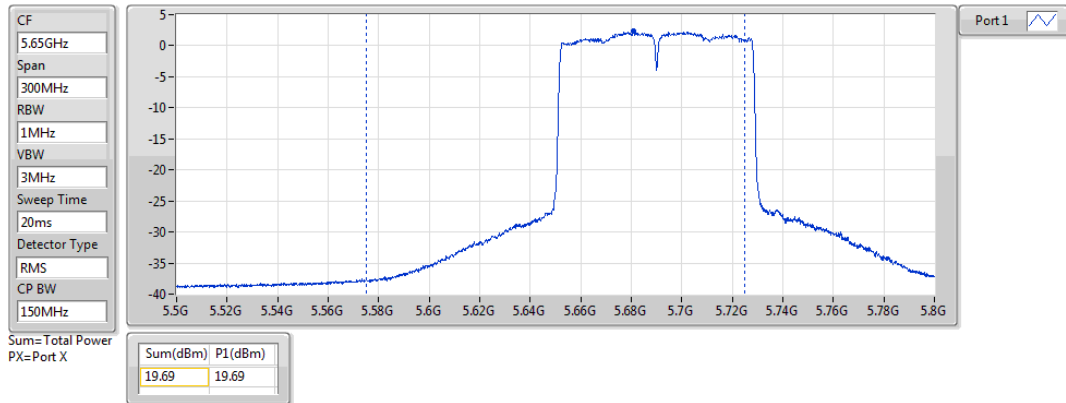


802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz

04/11/2019

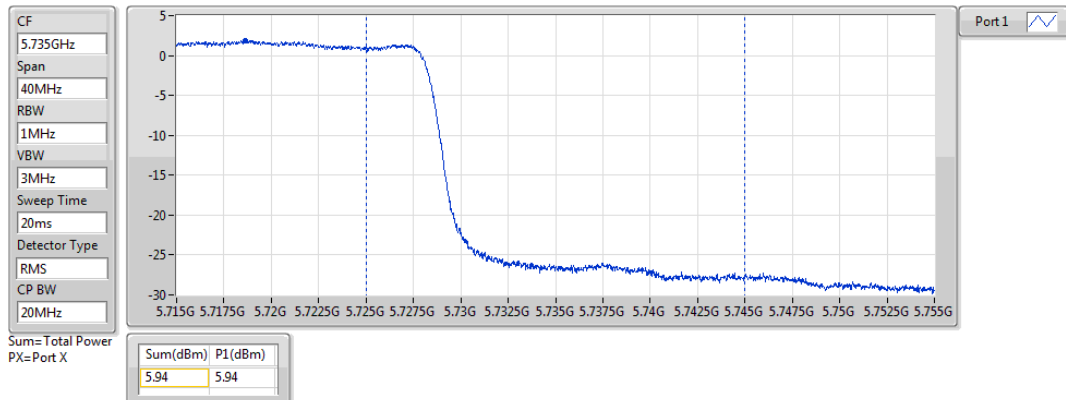


802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

04/11/2019

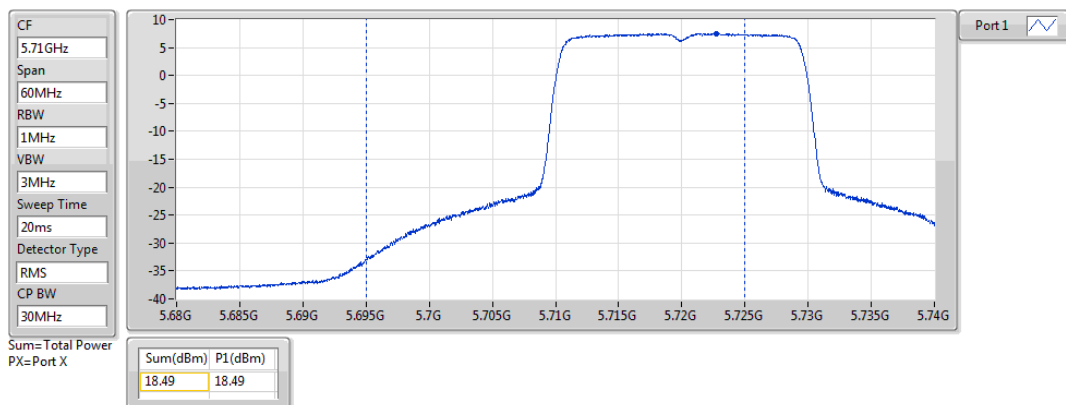


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

04/11/2019

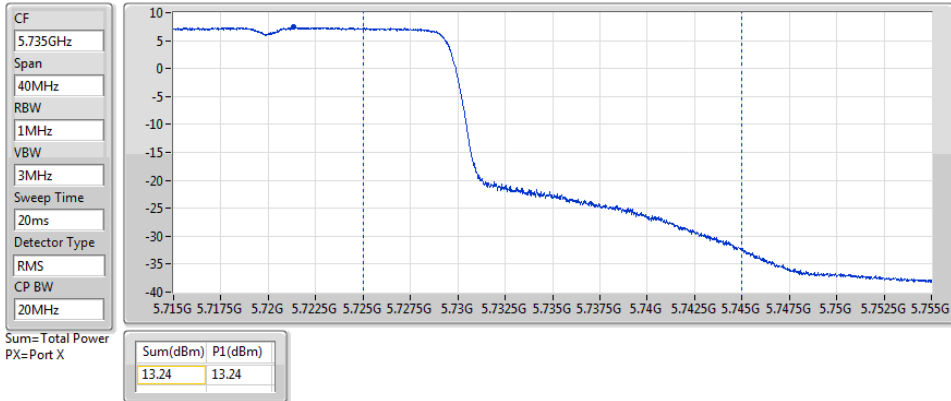


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

04/11/2019

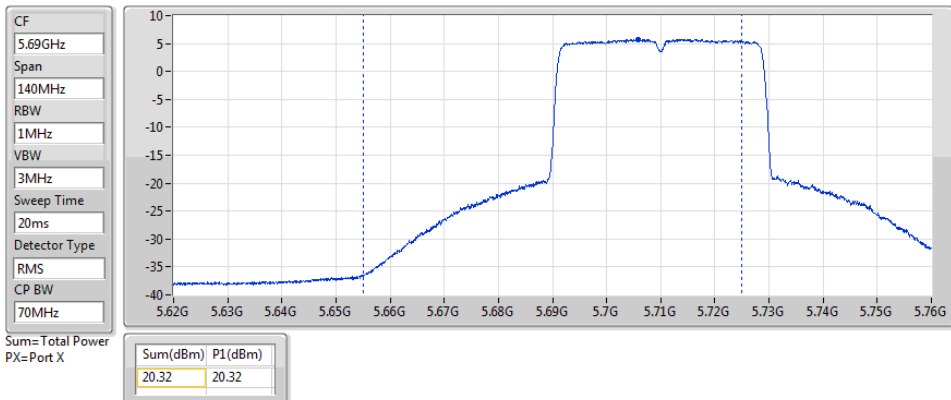


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

04/11/2019

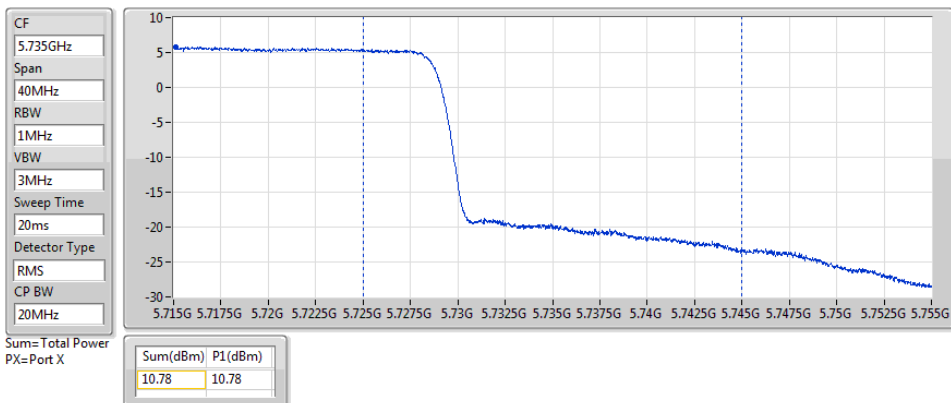


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

04/11/2019

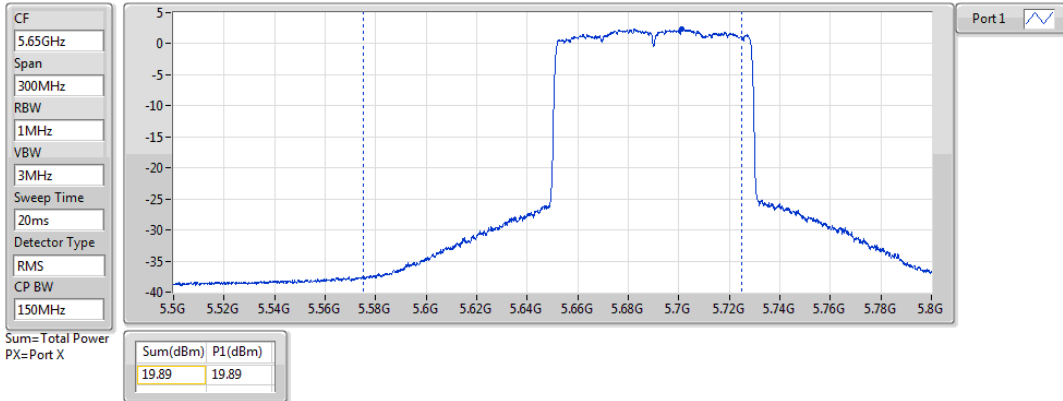


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz

04/11/2019

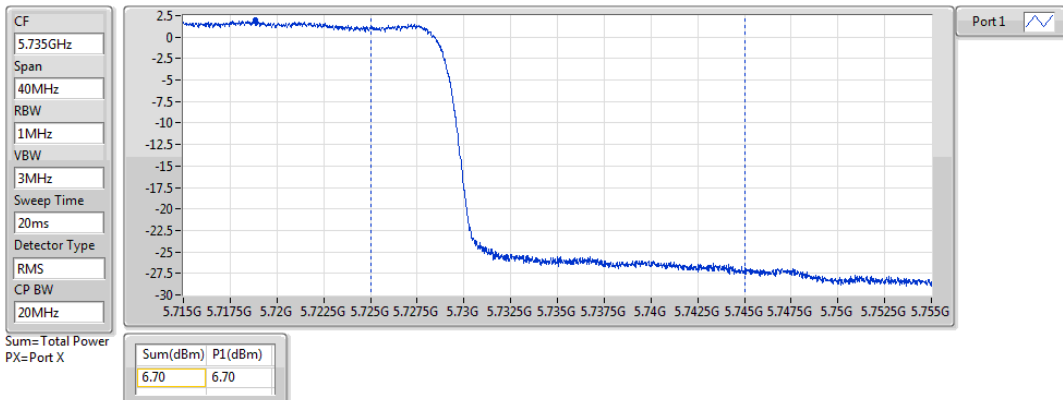


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

04/11/2019



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	18.62	0.07278
802.11ac VHT20_Nss2,(MCS0)_2TX	21.63	0.14555
802.11ac VHT40_Nss2,(MCS0)_2TX	21.62	0.14521
802.11ac VHT80_Nss2,(MCS0)_2TX	18.63	0.07295
802.11ax HEW20_Nss2,(MCS0)_2TX	21.93	0.15596
802.11ax HEW40_Nss2,(MCS0)_2TX	21.79	0.15101
802.11ax HEW80_Nss2,(MCS0)_2TX	18.85	0.07674
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	18.60	0.07244
802.11ac VHT20_Nss2,(MCS0)_2TX	21.55	0.14289
802.11ac VHT40_Nss2,(MCS0)_2TX	21.70	0.14791
802.11ac VHT80_Nss2,(MCS0)_2TX	21.74	0.14928
802.11ax HEW20_Nss2,(MCS0)_2TX	21.85	0.15311
802.11ax HEW40_Nss2,(MCS0)_2TX	21.92	0.15560
802.11ax HEW80_Nss2,(MCS0)_2TX	21.86	0.15346
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	11.98	0.01578
802.11ac VHT20_Nss2,(MCS0)_2TX	14.55	0.02851
802.11ac VHT40_Nss2,(MCS0)_2TX	11.51	0.01416
802.11ac VHT80_Nss2,(MCS0)_2TX	7.85	0.00610
802.11ax HEW20_Nss2,(MCS0)_2TX	15.02	0.03177
802.11ax HEW40_Nss2,(MCS0)_2TX	12.22	0.01667
802.11ax HEW80_Nss2,(MCS0)_2TX	8.61	0.00726



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-
5260MHz	Pass	8.00	15.05	15.95	18.53	21.98	15
5300MHz	Pass	8.00	15.02	16.13	18.62	21.98	15
5320MHz	Pass	8.00	14.92	16.01	18.51	21.98	15
5500MHz	Pass	8.00	15.02	16.06	18.58	21.98	15
5580MHz	Pass	8.00	15.15	15.98	18.60	21.98	15.25
5700MHz	Pass	8.00	14.37	14.94	17.67	21.98	14.25
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	14.41	15.72	18.12	20.94	15.25
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	8.36	9.50	11.98	28.00	15.25
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5260MHz	Pass	8.00	17.73	19.10	21.48	21.98	18.25
5300MHz	Pass	8.00	17.89	19.24	21.63	21.98	18.25
5320MHz	Pass	8.00	16.47	17.82	20.21	21.98	16.75
5500MHz	Pass	8.00	16.61	17.85	20.28	21.98	16.75
5580MHz	Pass	8.00	17.85	19.13	21.55	21.98	18.25
5700MHz	Pass	8.00	13.68	14.52	17.13	21.98	13.5
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	16.49	17.56	20.07	20.98	17.5
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	10.96	12.05	14.55	28.00	17.5
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5270MHz	Pass	8.00	18.06	19.09	21.62	21.98	18.25
5310MHz	Pass	8.00	15.05	15.97	18.54	21.98	15
5510MHz	Pass	8.00	14.01	14.92	17.50	21.98	13.75
5550MHz	Pass	8.00	17.83	19.36	21.67	21.98	18.25
5670MHz	Pass	8.00	14.19	14.97	17.61	21.98	14.25
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	18.02	19.27	21.70	21.98	18.25
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	7.81	9.09	11.51	28.00	18.25
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5290MHz	Pass	8.00	15.10	16.08	18.63	21.98	15.25
5530MHz	Pass	8.00	15.65	16.87	19.31	21.98	16
5610MHz	Pass	8.00	17.63	18.96	21.36	21.98	18.25
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	18.20	19.21	21.74	21.98	18
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	4.41	5.23	7.85	28.00	18
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5260MHz	Pass	8.00	18.11	19.43	21.83	21.98	18.25
5300MHz	Pass	8.00	18.29	19.47	21.93	21.98	18.25
5320MHz	Pass	8.00	16.95	18.03	20.53	21.98	16.75
5500MHz	Pass	8.00	16.90	18.05	20.52	21.98	16.75
5580MHz	Pass	8.00	18.29	19.32	21.85	21.98	18.25
5700MHz	Pass	8.00	13.86	14.76	17.34	21.98	13.5
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	16.50	17.69	20.15	20.97	17.5
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	11.40	12.55	15.02	28.00	17.5
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5270MHz	Pass	8.00	18.20	19.29	21.79	21.98	18.25
5310MHz	Pass	8.00	15.19	16.02	18.64	21.98	15



Average Power_Radio 3 / External Antenna 7

Appendix B.20

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
5510MHz	Pass	8.00	14.10	15.05	17.61	21.98	13.75
5550MHz	Pass	8.00	18.04	19.43	21.80	21.98	18.25
5670MHz	Pass	8.00	14.45	15.09	17.79	21.98	14.25
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	18.20	19.52	21.92	21.98	18.25
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	8.66	9.70	12.22	28.00	18.25
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5290MHz	Pass	8.00	15.23	16.38	18.85	21.98	15.25
5530MHz	Pass	8.00	15.89	17.07	19.53	21.98	16
5610MHz	Pass	8.00	18.01	19.19	21.65	21.98	18.25
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	18.37	19.28	21.86	21.98	18
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	5.18	5.98	8.61	28.00	18

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

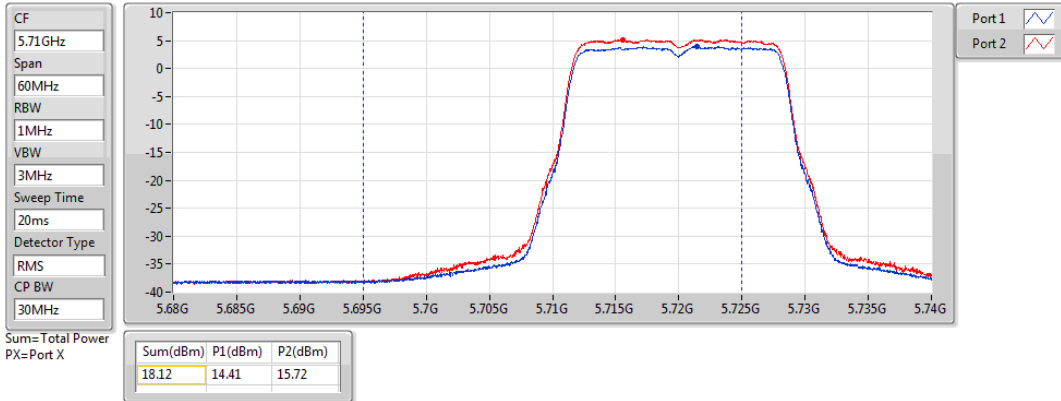
Note : **Conducted setting** = Pass conducted setting division 4

802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

04/11/2019

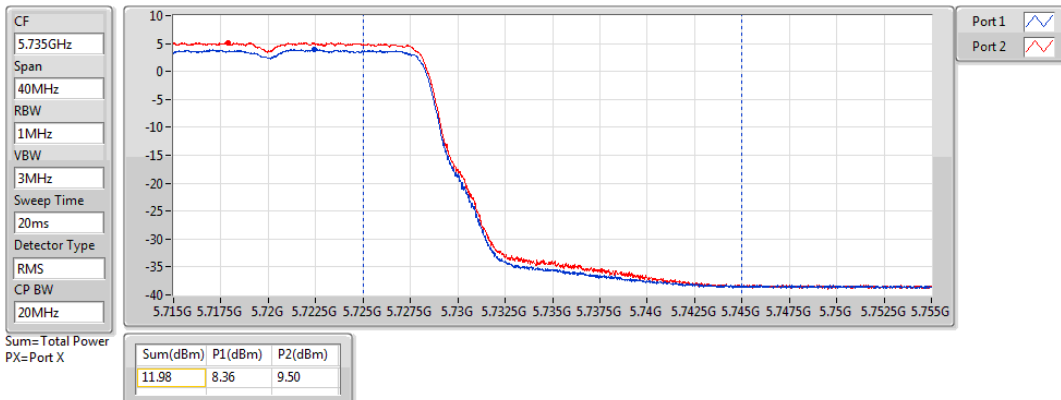


802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

04/11/2019

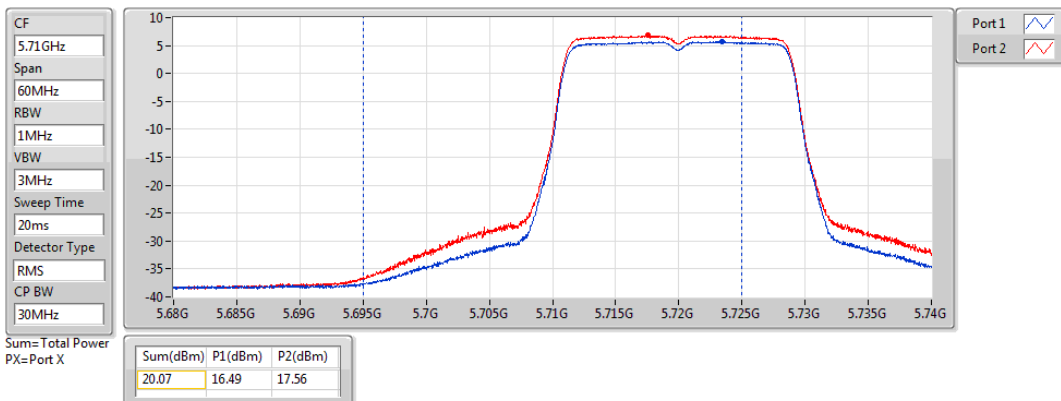


802.11ac VHT20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

05/11/2019

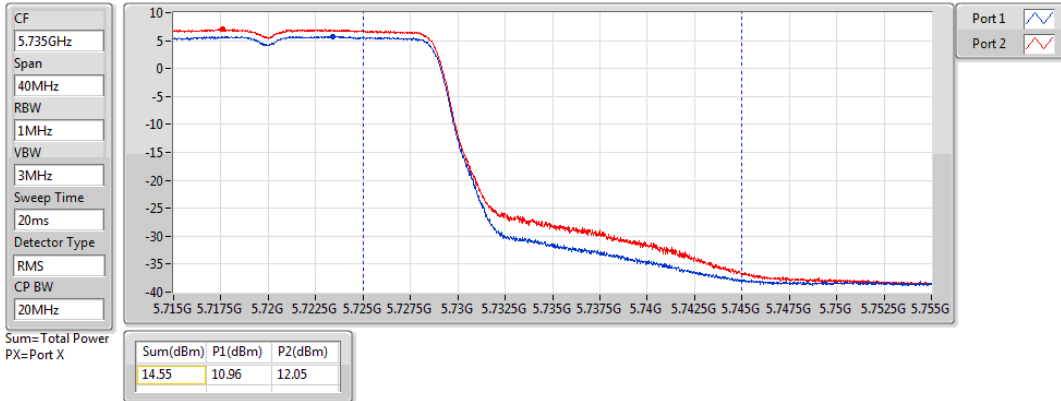


802.11ac VHT20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

05/11/2019

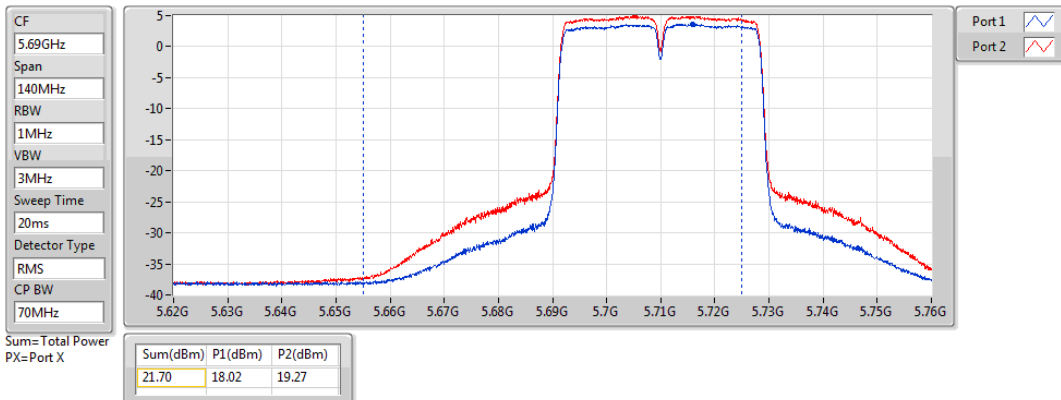


802.11ac VHT40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

05/11/2019

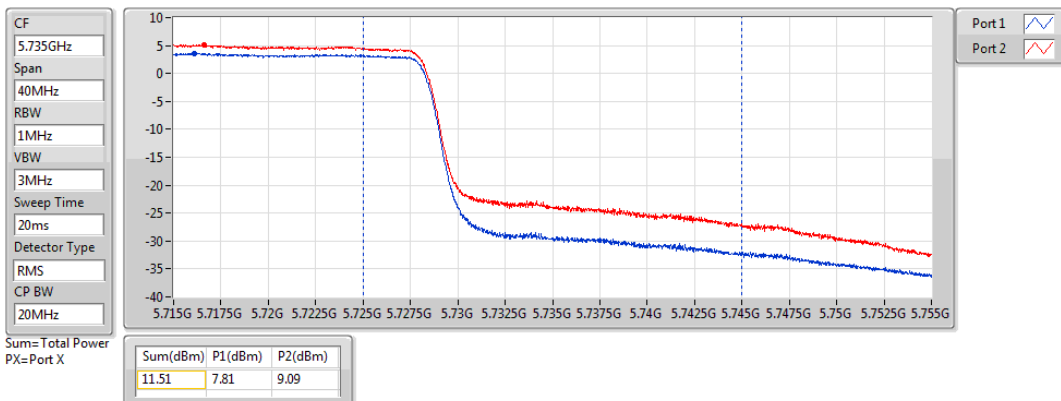


802.11ac VHT40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

05/11/2019

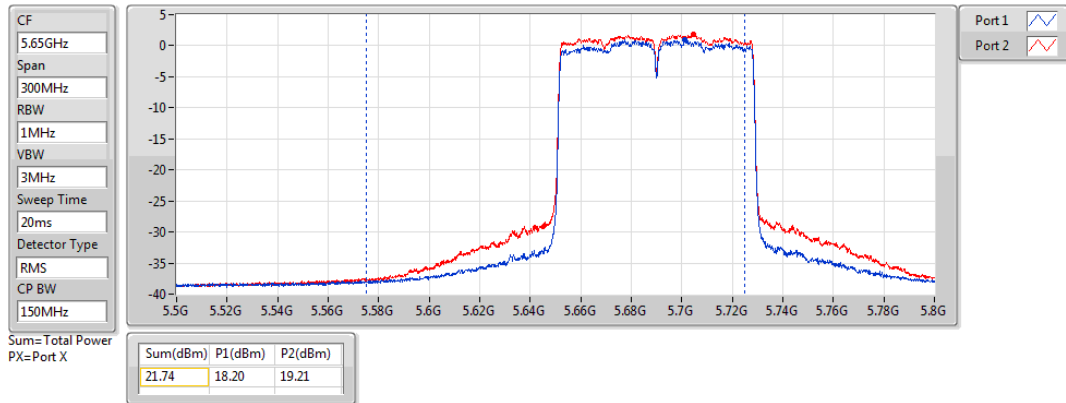


802.11ac VHT80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

05/11/2019

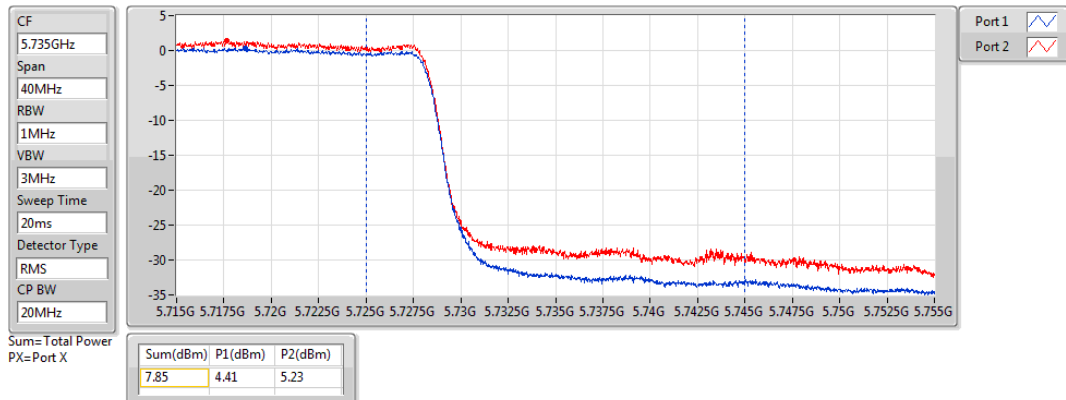


802.11ac VHT80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

05/11/2019

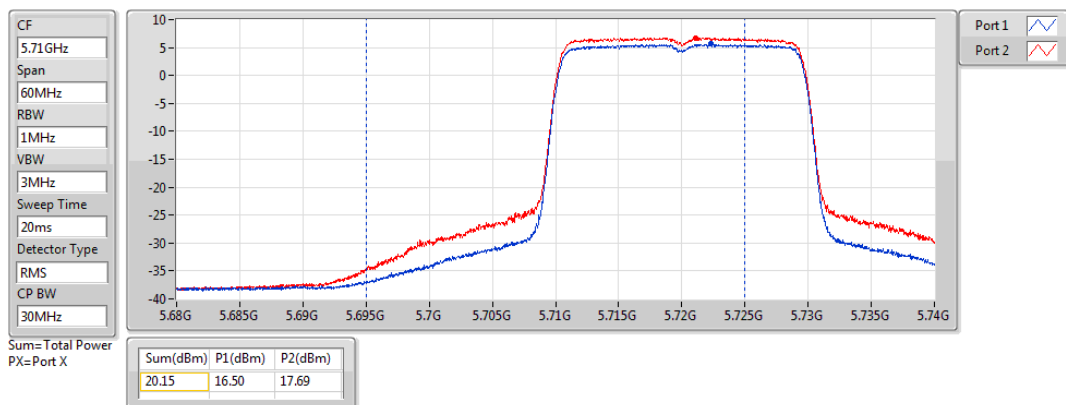


802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

04/11/2019

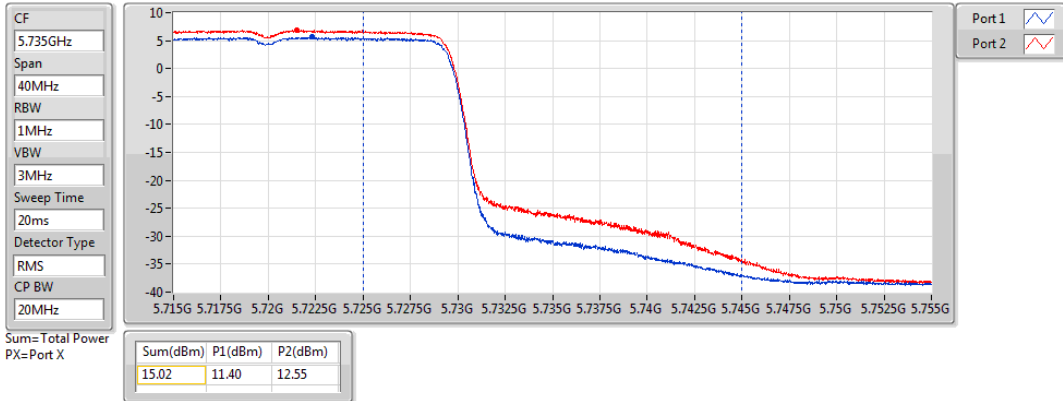


802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

04/11/2019

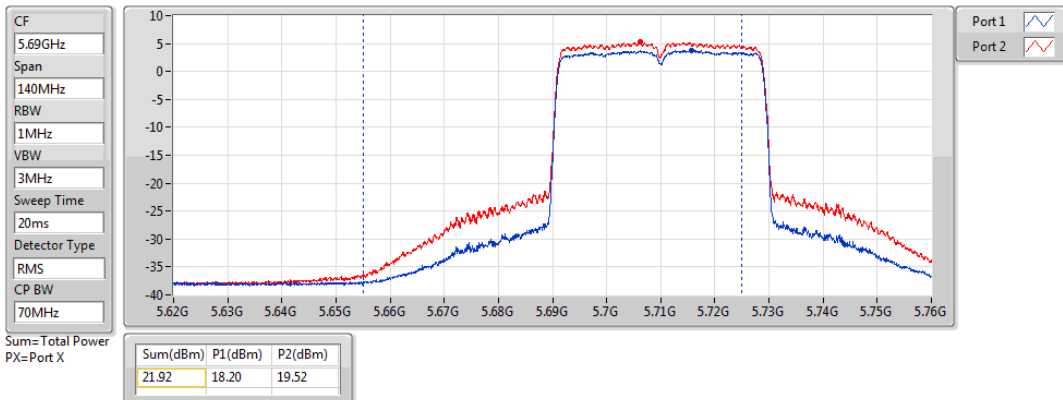


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

05/11/2019

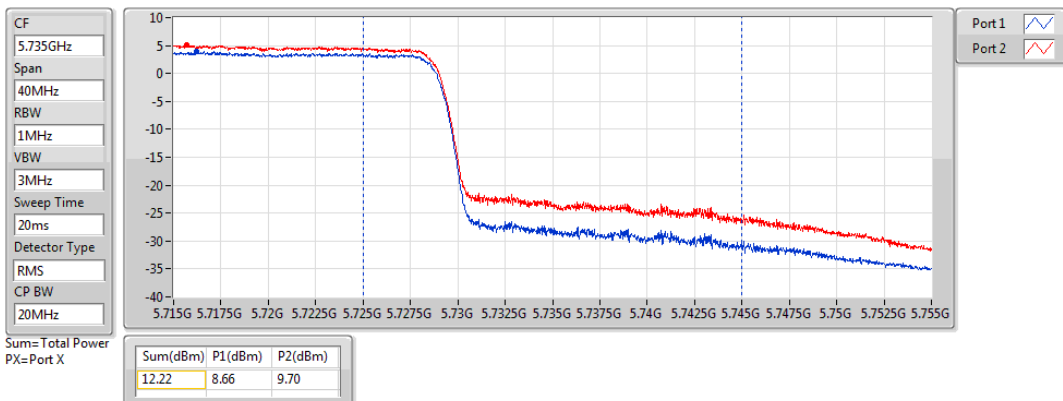


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

05/11/2019

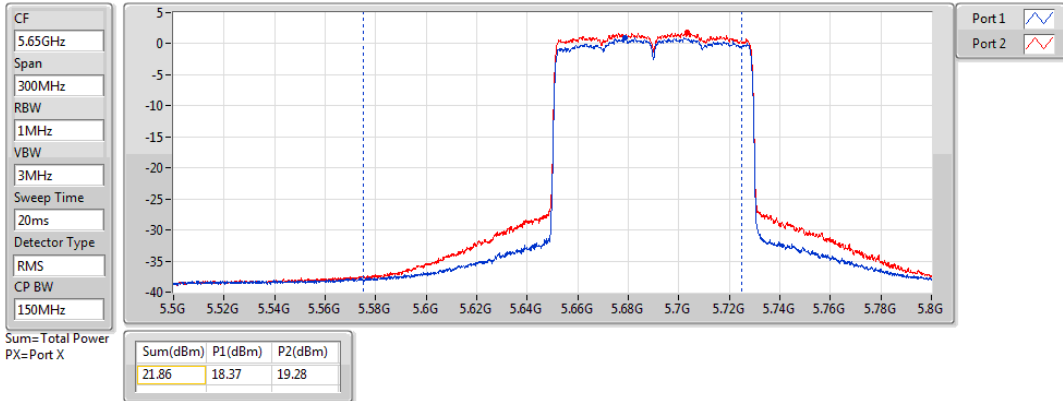


802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

05/11/2019

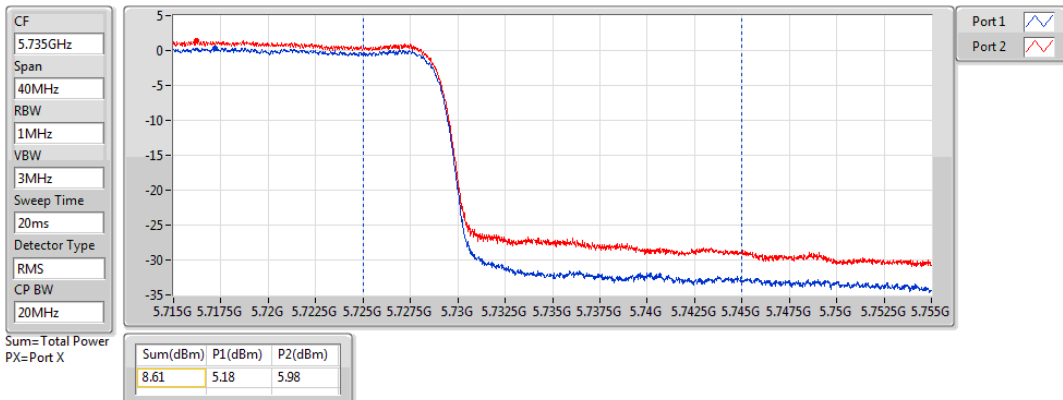


802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

05/11/2019



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	18.73	0.07464
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	18.65	0.07328
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	18.78	0.07551
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	18.94	0.07834
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	18.84	0.07656
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	18.89	0.07745
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	18.83	0.07638
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	18.80	0.07586
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	18.79	0.07568
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	18.95	0.07852
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	18.95	0.07852
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	18.95	0.07852
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	11.97	0.01574
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	8.56	0.00718
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	4.92	0.00310
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	12.73	0.01875
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	9.36	0.00863
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	5.88	0.00387

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5260MHz	Pass	11.01	15.72	15.56	18.65	18.97	14.25
5300MHz	Pass	11.01	15.80	15.63	18.73	18.97	14.25
5320MHz	Pass	11.01	15.87	15.46	18.68	18.97	14.25
5500MHz	Pass	11.01	16.02	15.60	18.83	18.97	14.25
5580MHz	Pass	11.01	15.81	15.64	18.74	18.97	14.25
5700MHz	Pass	11.01	13.77	13.31	16.56	18.97	12.25
5720MHz Straddle 5.47-5.725GHz	Pass	11.01	15.06	14.21	17.67	17.96	14.25
5720MHz Straddle 5.725-5.85GHz	Pass	11.01	9.40	8.47	11.97	24.99	14.25
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5270MHz	Pass	11.01	15.72	15.56	18.65	18.97	14.25
5310MHz	Pass	11.01	15.49	15.16	18.34	18.97	13.75
5510MHz	Pass	11.01	15.96	15.57	18.78	18.97	14
5550MHz	Pass	11.01	15.92	15.38	18.67	18.97	14
5670MHz	Pass	11.01	15.83	15.75	18.80	18.97	14.5
5710MHz Straddle 5.47-5.725GHz	Pass	11.01	16.04	15.45	18.77	18.97	14.75
5710MHz Straddle 5.725-5.85GHz	Pass	11.01	5.95	5.11	8.56	24.99	14.75
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5290MHz	Pass	11.01	15.50	16.02	18.78	18.97	14.75
5530MHz	Pass	11.01	15.61	15.73	18.68	18.97	14.5
5610MHz	Pass	11.01	15.25	16.18	18.75	18.97	14.75
5690MHz Straddle 5.47-5.725GHz	Pass	11.01	15.40	16.13	18.79	18.97	14.75
5690MHz Straddle 5.725-5.85GHz	Pass	11.01	1.79	2.02	4.92	24.99	14.75
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5260MHz	Pass	11.01	15.89	15.70	18.81	18.97	14.25
5300MHz	Pass	11.01	16.07	15.77	18.93	18.97	14.25
5320MHz	Pass	11.01	16.13	15.73	18.94	18.97	14.25
5500MHz	Pass	11.01	16.16	15.71	18.95	18.97	14.25
5580MHz	Pass	11.01	15.91	15.79	18.86	18.97	14.25
5700MHz	Pass	11.01	14.18	13.47	16.85	18.97	12.25
5720MHz Straddle 5.47-5.725GHz	Pass	11.01	15.25	14.39	17.85	17.95	14.25
5720MHz Straddle 5.725-5.85GHz	Pass	11.01	10.16	9.24	12.73	24.99	14.25
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5270MHz	Pass	11.01	15.93	15.73	18.84	18.97	14.25
5310MHz	Pass	11.01	15.73	15.24	18.50	18.97	13.75
5510MHz	Pass	11.01	16.04	15.62	18.85	18.97	14
5550MHz	Pass	11.01	16.10	15.51	18.83	18.97	14
5670MHz	Pass	11.01	16.02	15.86	18.95	18.97	14.5
5710MHz Straddle 5.47-5.725GHz	Pass	11.01	16.02	15.65	18.85	18.97	14.75
5710MHz Straddle 5.725-5.85GHz	Pass	11.01	6.76	5.90	9.36	24.99	14.75
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5290MHz	Pass	11.01	15.64	16.11	18.89	18.97	14.75
5530MHz	Pass	11.01	15.83	15.97	18.91	18.97	14.5
5610MHz	Pass	11.01	15.53	16.31	18.95	18.97	14.75



Average Power_Radio 3 / External Antenna 7

Appendix B.21

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
5690MHz Straddle 5.47-5.725GHz	Pass	11.01	15.38	16.35	18.90	18.97	14.75
5690MHz Straddle 5.725-5.85GHz	Pass	11.01	2.72	3.01	5.88	24.99	14.75

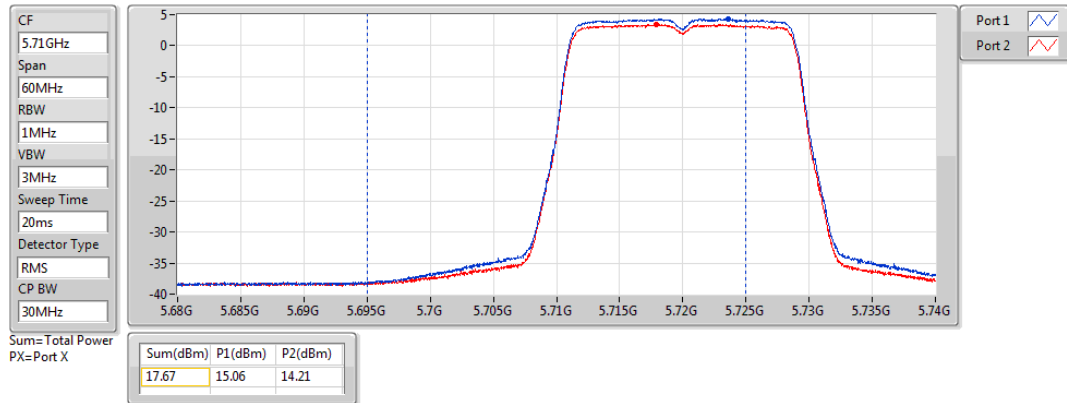
DG = Directional Gain; **Port X** = Port X output power

Note : Conducted setting = Pass conducted setting division 4

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

AV Power

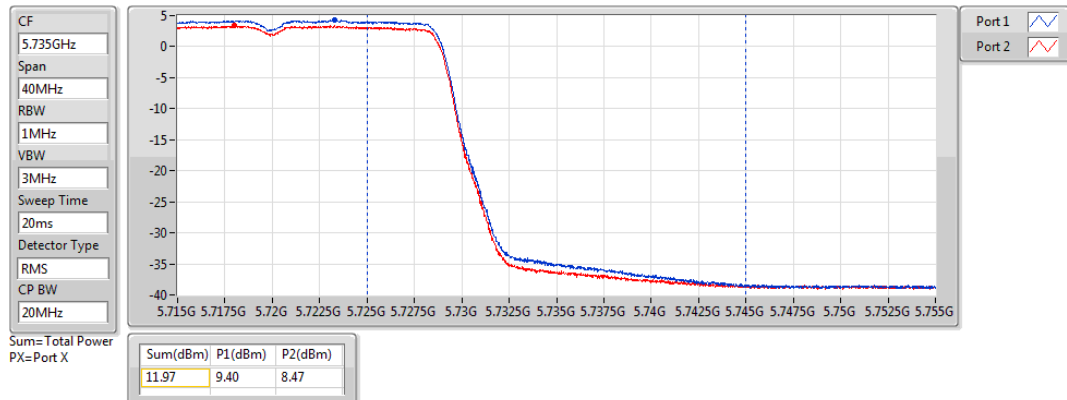
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

AV Power

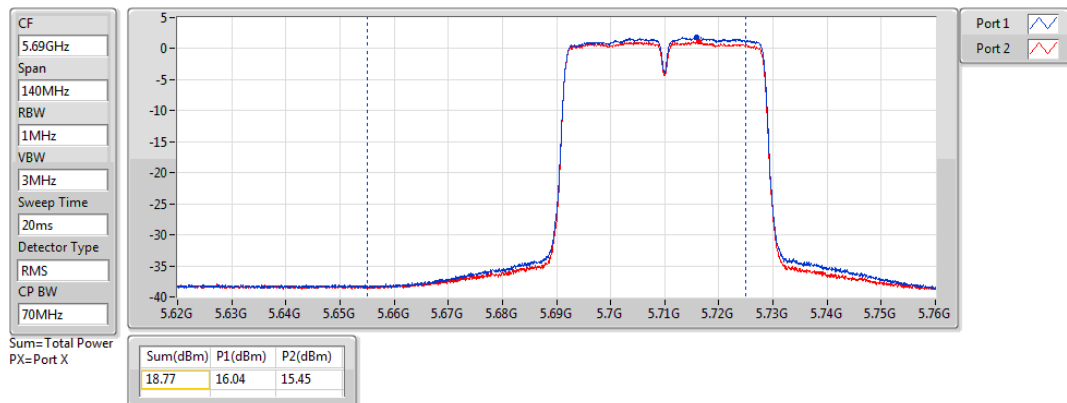
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

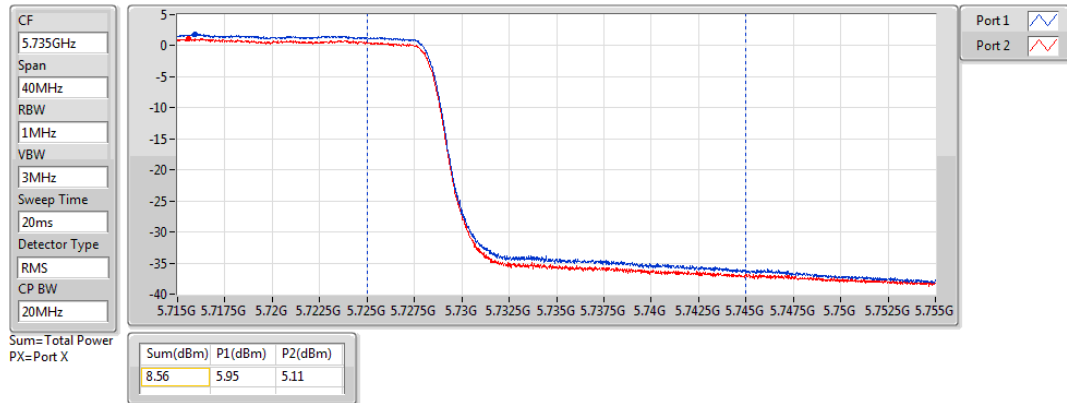


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

06/11/2019

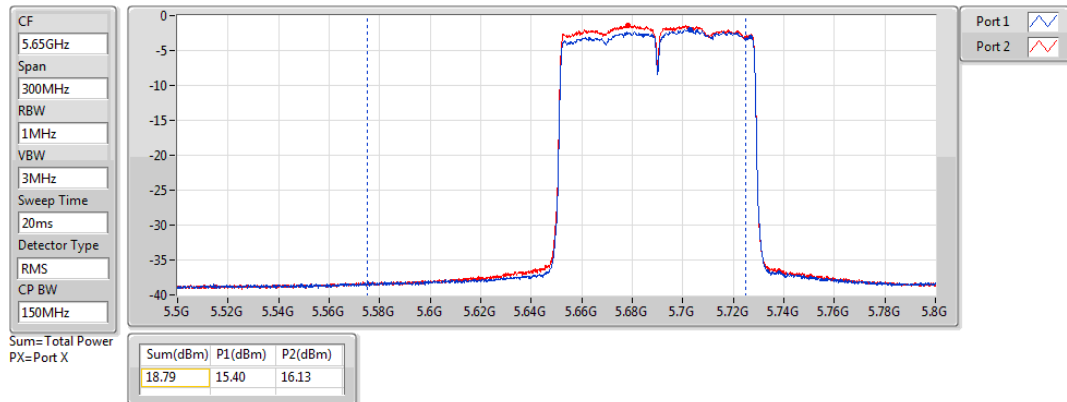


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

06/11/2019

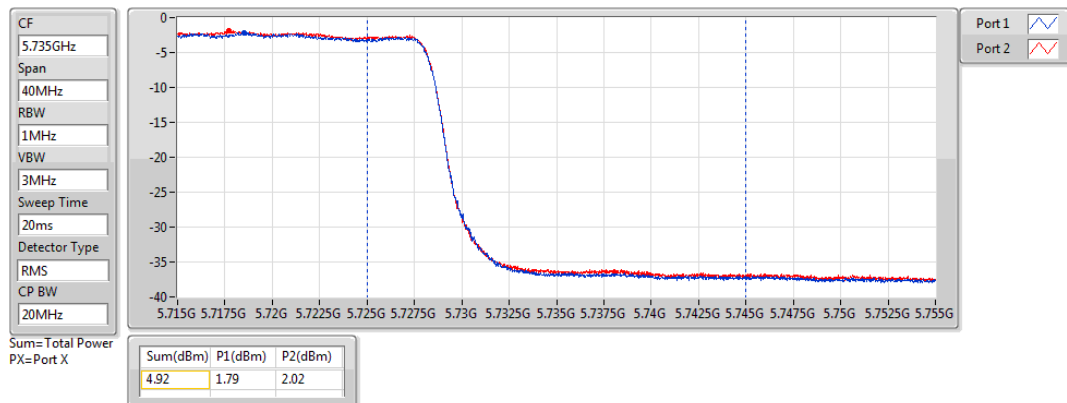


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

06/11/2019

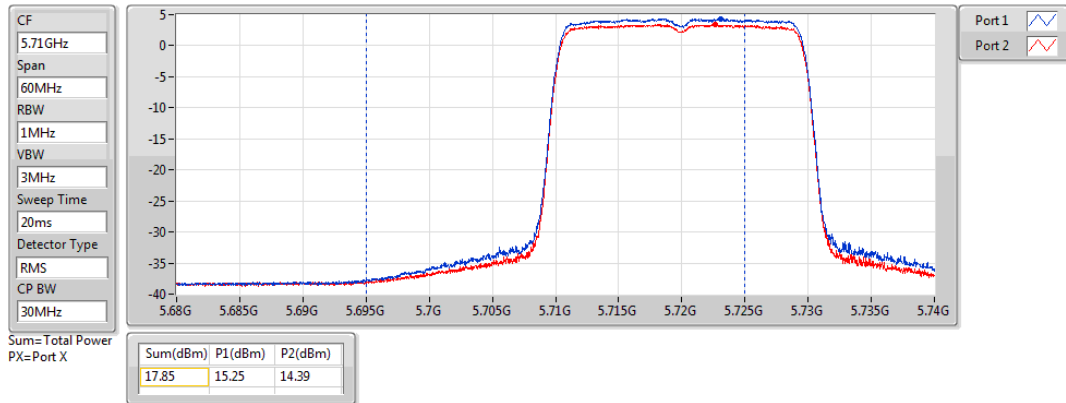


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

06/11/2019

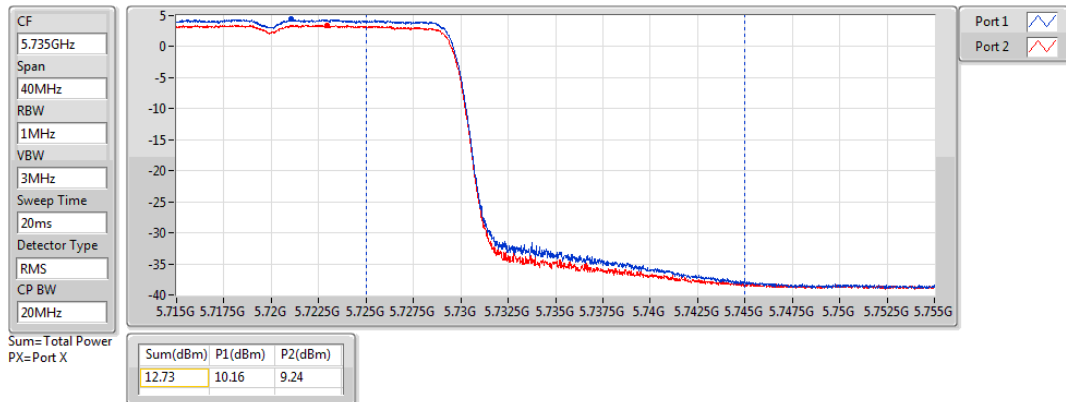


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

06/11/2019

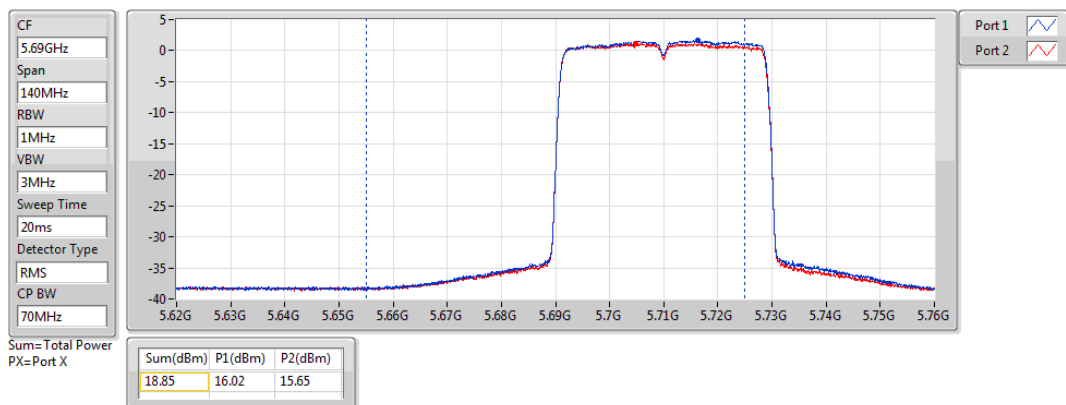


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

06/11/2019

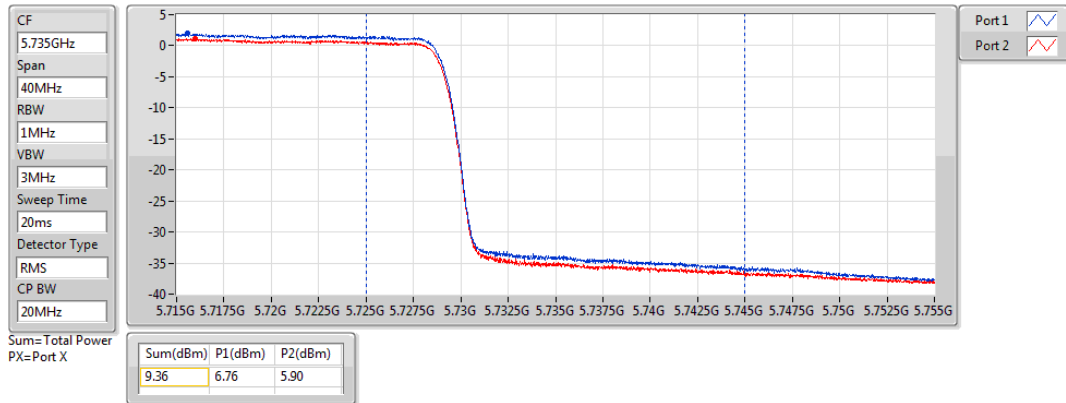


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

06/11/2019

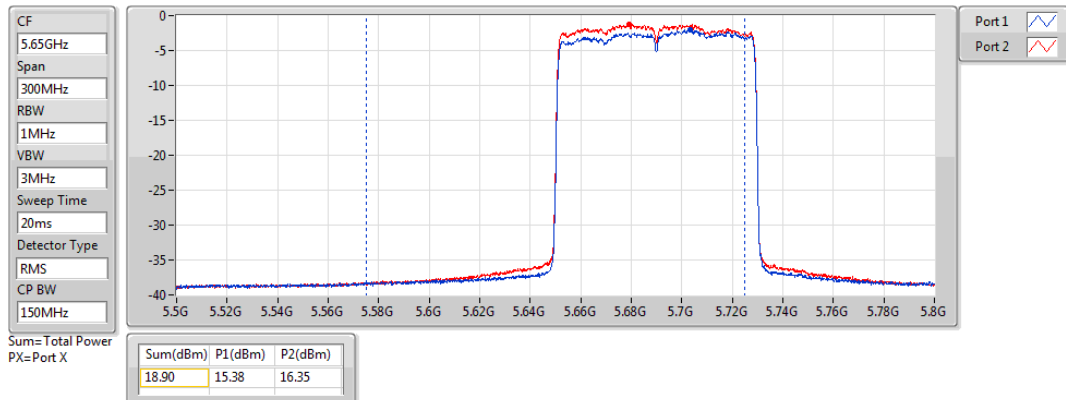


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

06/11/2019

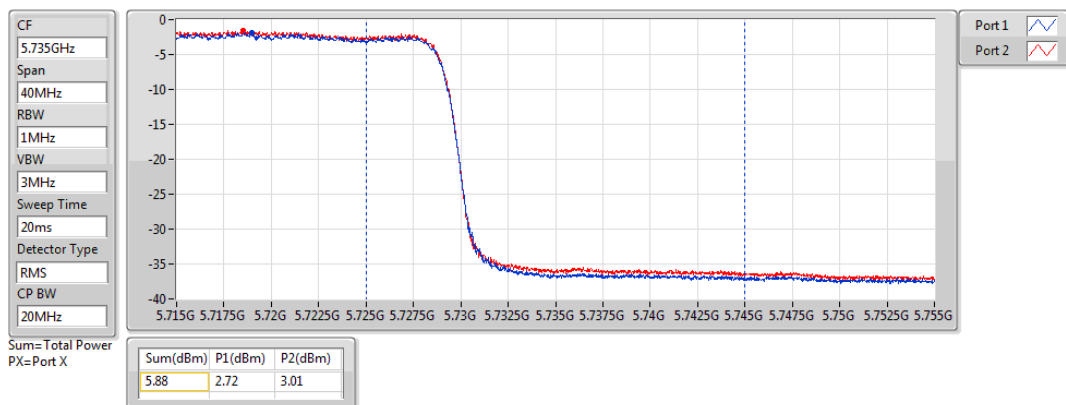


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

06/11/2019



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	18.92	0.07798
802.11ac VHT20_Nss1,(MCS0)_1TX	18.92	0.07798
802.11ac VHT40_Nss1,(MCS0)_1TX	19.16	0.08241
802.11ac VHT80_Nss1,(MCS0)_1TX	15.91	0.03899
802.11ax HEW20_Nss1,(MCS0)_1TX	19.13	0.08185
802.11ax HEW40_Nss1,(MCS0)_1TX	19.26	0.08433
802.11ax HEW80_Nss1,(MCS0)_1TX	16.10	0.04074
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	18.72	0.07447
802.11ac VHT20_Nss1,(MCS0)_1TX	18.89	0.07745
802.11ac VHT40_Nss1,(MCS0)_1TX	19.06	0.08054
802.11ac VHT80_Nss1,(MCS0)_1TX	18.91	0.07780
802.11ax HEW20_Nss1,(MCS0)_1TX	19.08	0.08091
802.11ax HEW40_Nss1,(MCS0)_1TX	19.23	0.08375
802.11ax HEW80_Nss1,(MCS0)_1TX	19.15	0.08222
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	11.82	0.01521
802.11ac VHT20_Nss1,(MCS0)_1TX	12.78	0.01897
802.11ac VHT40_Nss1,(MCS0)_1TX	9.01	0.00796
802.11ac VHT80_Nss1,(MCS0)_1TX	5.33	0.00341
802.11ax HEW20_Nss1,(MCS0)_1TX	13.30	0.02138
802.11ax HEW40_Nss1,(MCS0)_1TX	9.72	0.00938
802.11ax HEW80_Nss1,(MCS0)_1TX	6.17	0.00414



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5260MHz	Pass	10.70	18.75	18.75	19.28	17.25
5300MHz	Pass	10.70	18.79	18.79	19.28	17.25
5320MHz	Pass	10.70	18.92	18.92	19.28	17.25
5500MHz	Pass	10.70	16.81	16.81	19.28	15.25
5580MHz	Pass	10.70	18.72	18.72	19.28	17.25
5700MHz	Pass	10.70	16.74	16.74	19.28	15.25
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	18.14	18.14	18.28	17
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	11.82	11.82	25.30	17
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5260MHz	Pass	10.70	18.87	18.87	19.28	17.25
5300MHz	Pass	10.70	18.92	18.92	19.28	17.25
5320MHz	Pass	10.70	18.78	18.78	19.28	17
5500MHz	Pass	10.70	17.07	17.07	19.28	15.25
5580MHz	Pass	10.70	18.78	18.78	19.28	17.25
5700MHz	Pass	10.70	18.89	18.89	19.28	17.25
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	18.24	18.24	18.28	17.25
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	12.78	12.78	25.30	17.25
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5270MHz	Pass	10.70	19.16	19.16	19.28	17.5
5310MHz	Pass	10.70	16.89	16.89	19.28	15.25
5510MHz	Pass	10.70	16.27	16.27	19.28	14.5
5550MHz	Pass	10.70	19.06	19.06	19.28	17
5670MHz	Pass	10.70	18.71	18.71	19.28	17.25
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	19.02	19.02	19.28	17.25
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	9.01	9.01	25.30	17.25
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5290MHz	Pass	10.70	15.91	15.91	19.28	15.25
5530MHz	Pass	10.70	15.95	15.95	19.28	15
5610MHz	Pass	10.70	18.13	18.13	19.28	17.75
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	18.91	18.91	19.28	18
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	5.33	5.33	25.30	18
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5260MHz	Pass	10.70	19.08	19.08	19.28	17.25
5300MHz	Pass	10.70	19.13	19.13	19.28	17.25
5320MHz	Pass	10.70	18.86	18.86	19.28	17
5500MHz	Pass	10.70	17.30	17.30	19.28	15.25
5580MHz	Pass	10.70	19.07	19.07	19.28	17.25
5700MHz	Pass	10.70	19.08	19.08	19.28	17.25
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	18.39	18.39	18.43	17.25
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	13.30	13.30	25.30	17.25
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5270MHz	Pass	10.70	19.26	19.26	19.28	17.5
5310MHz	Pass	10.70	17.06	17.06	19.28	15.25

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
5510MHz	Pass	10.70	16.53	16.53	19.28	14.5
5550MHz	Pass	10.70	19.23	19.23	19.28	17
5670MHz	Pass	10.70	18.96	18.96	19.28	17.25
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	19.21	19.21	19.28	17.25
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	9.72	9.72	25.30	17.25
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5290MHz	Pass	10.70	16.10	16.10	19.28	15.25
5530MHz	Pass	10.70	16.27	16.27	19.28	15
5610MHz	Pass	10.70	18.25	18.25	19.28	17.75
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	19.15	19.15	19.28	18
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	6.17	6.17	25.30	18

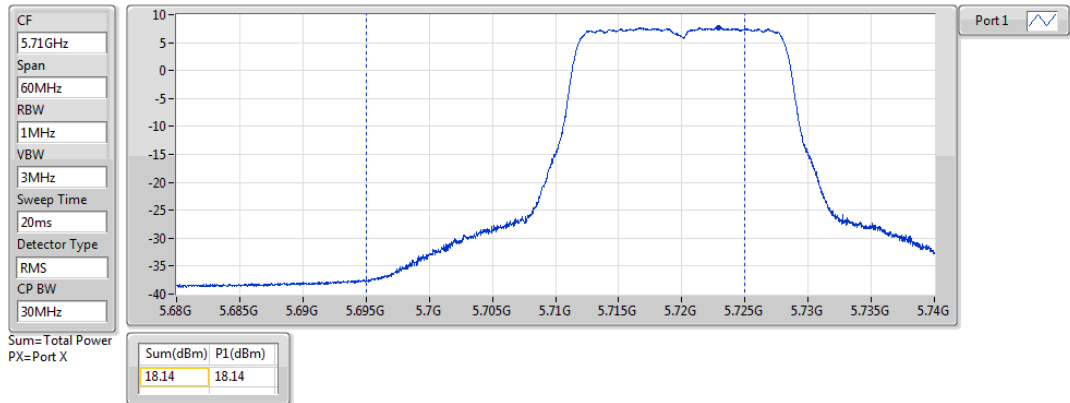
DG = Directional Gain; **Port X** = Port X output power

Note : Conducted setting = Pass conducted setting division 4

802.11a_Nss1,(6Mbps)_1TX

AV Power

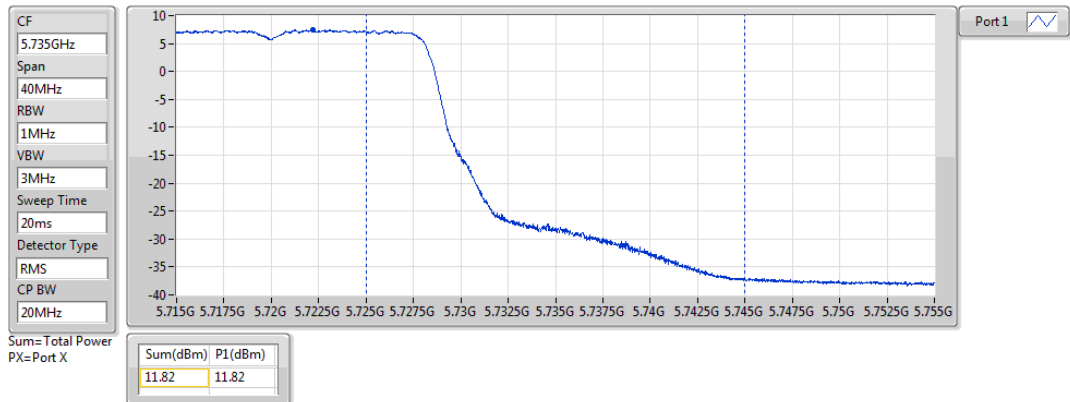
5720MHz Straddle 5.47-5.725GHz



802.11a_Nss1,(6Mbps)_1TX

AV Power

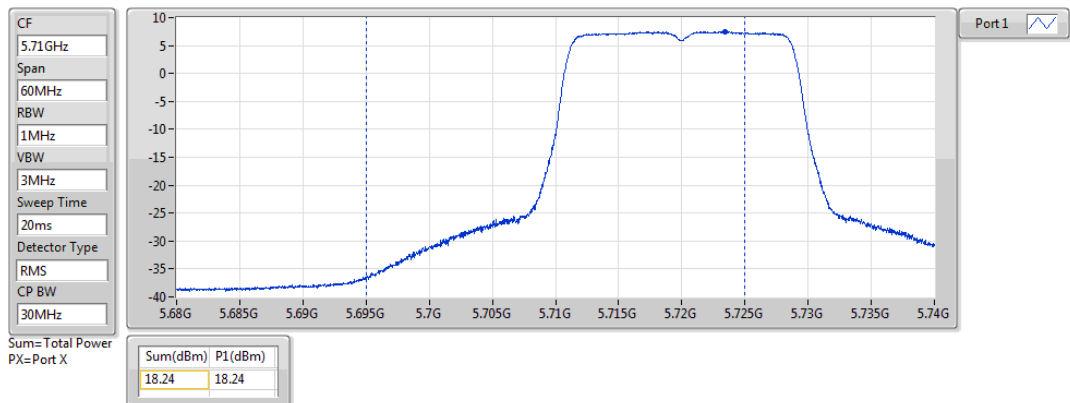
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

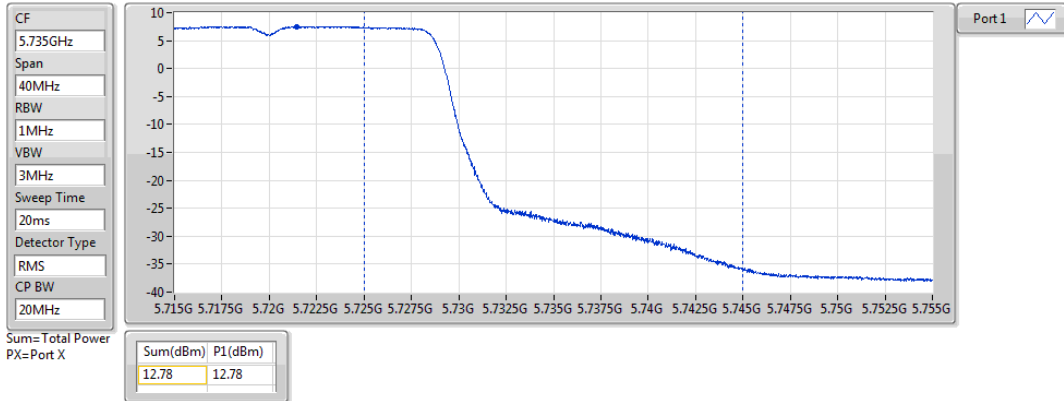


802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

11/11/2019

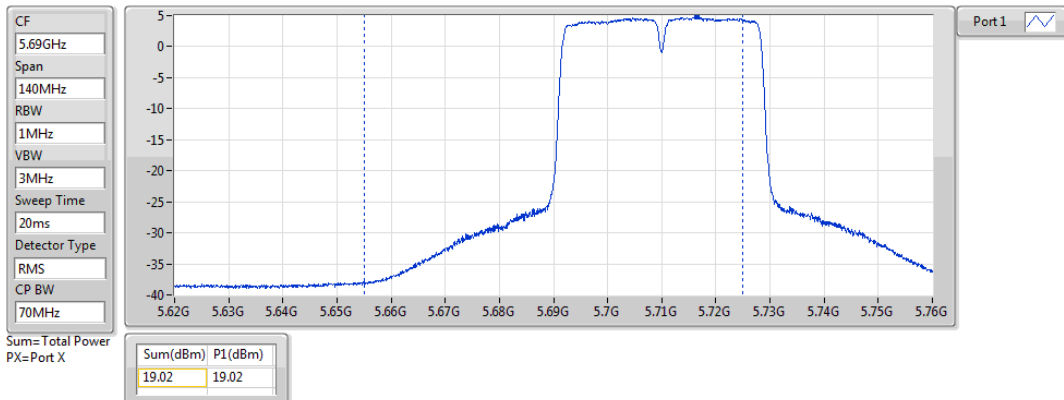


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

11/11/2019

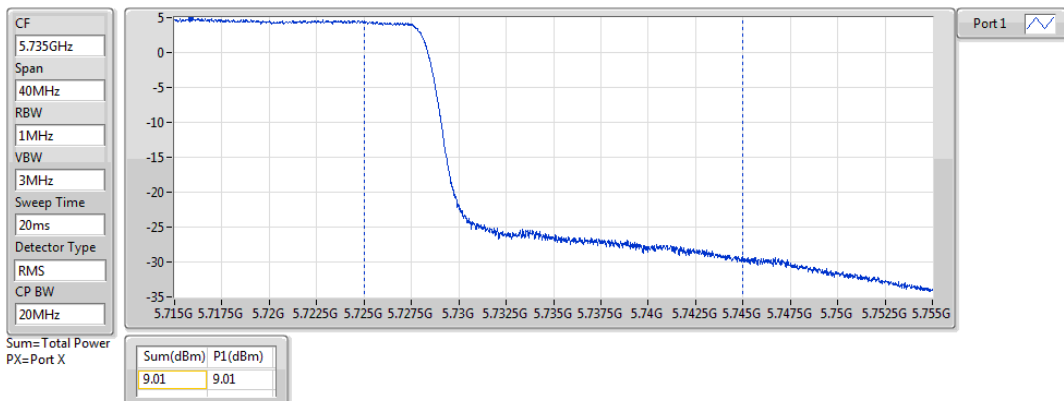


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

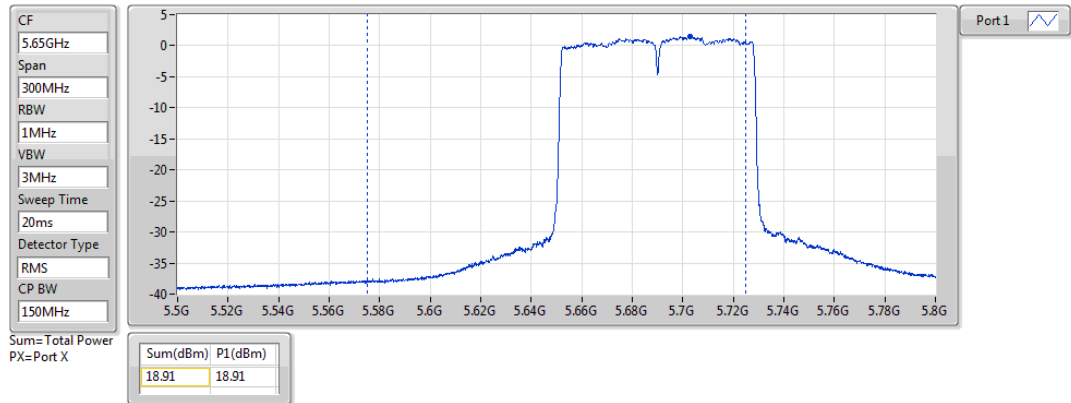
11/11/2019



802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

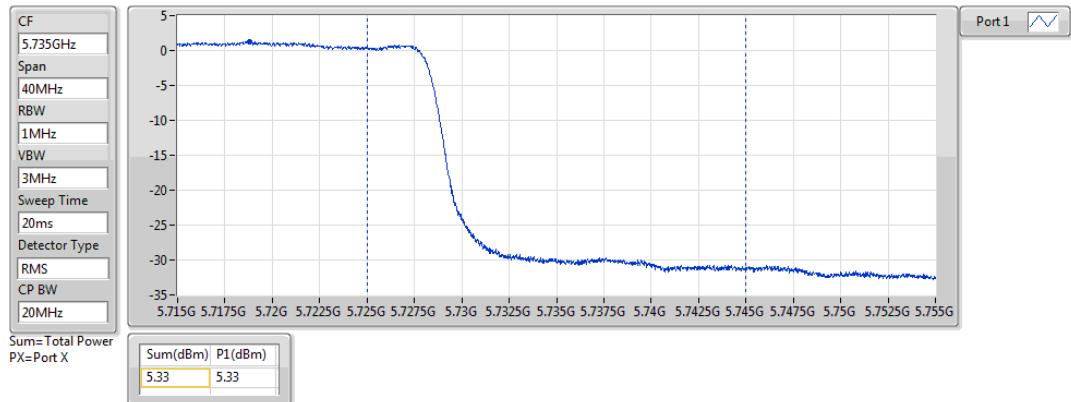
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

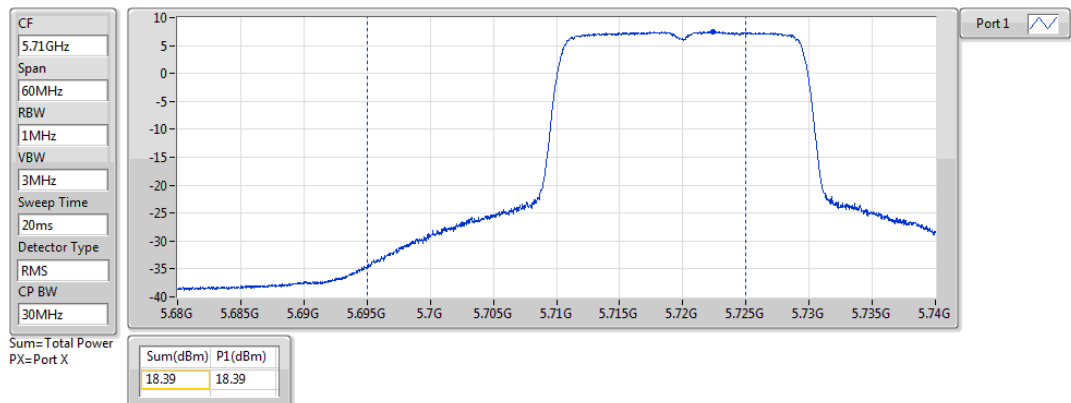
5690MHz Straddle 5.725-5.85GHz



802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

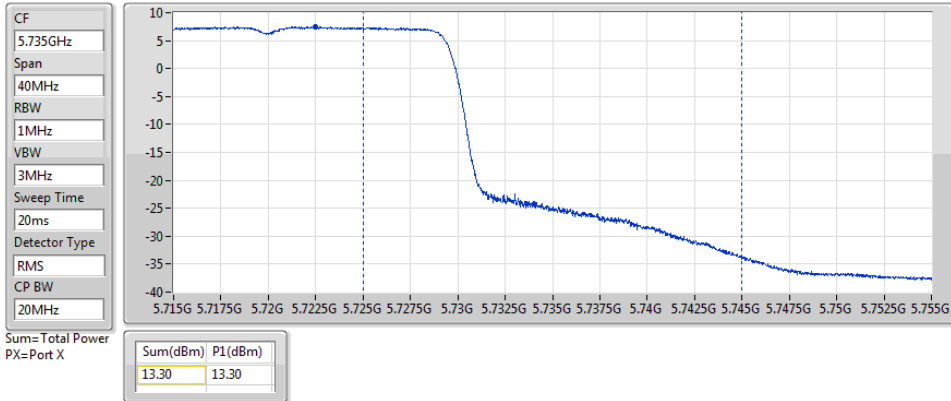


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

11/11/2019

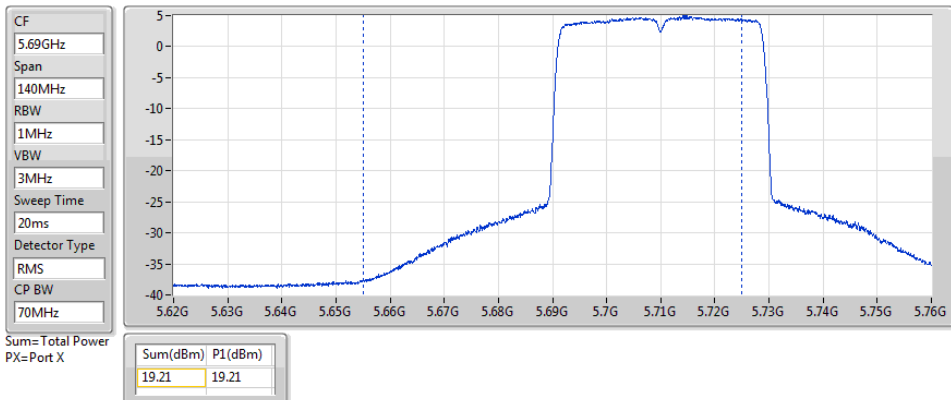


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

11/11/2019

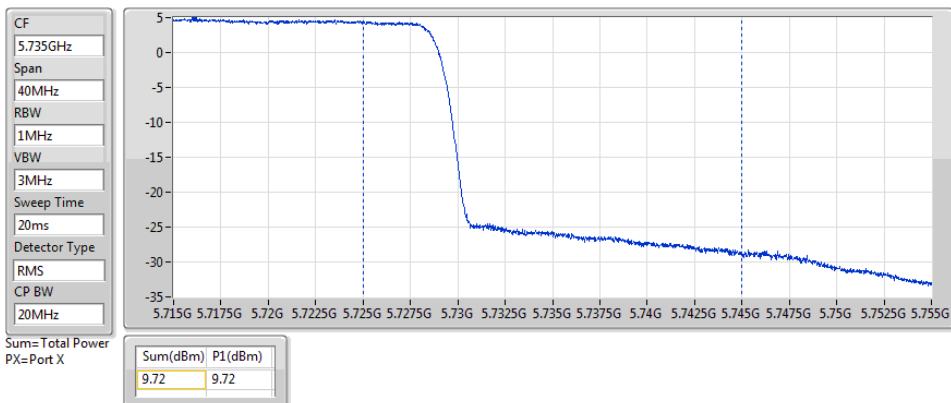


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

11/11/2019

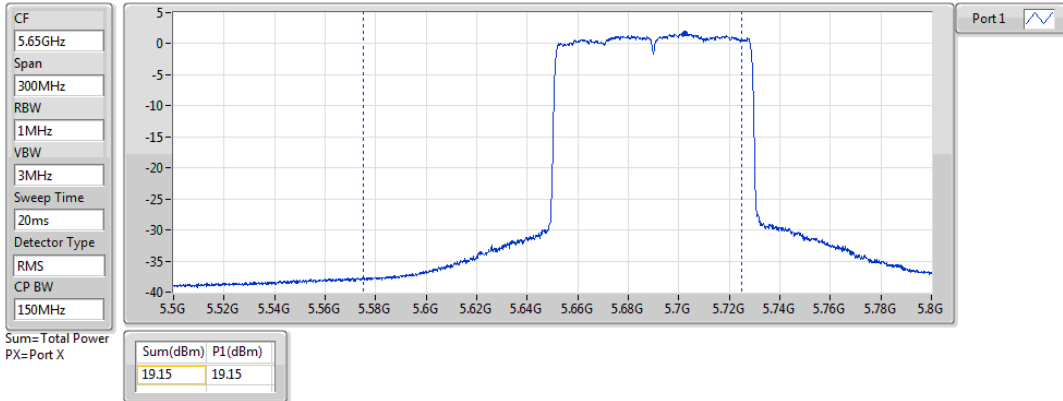


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz

11/11/2019

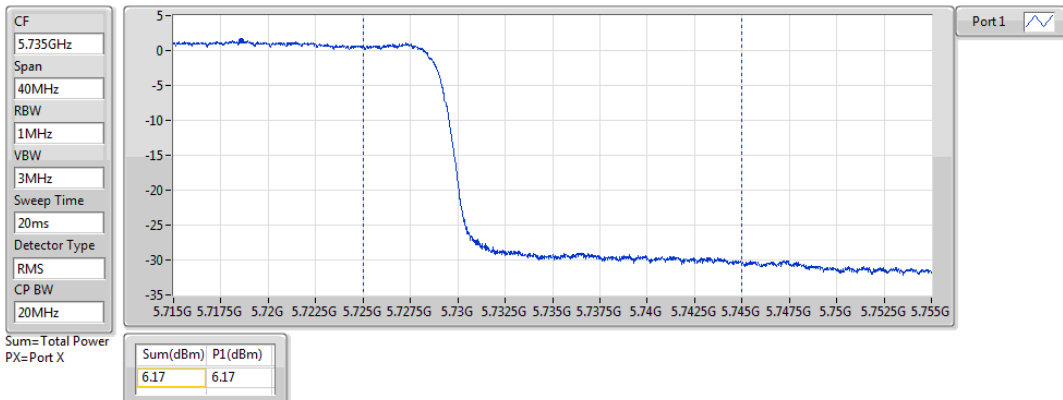


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

11/11/2019



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	16.11	0.04083
802.11ac VHT20_Nss2,(MCS0)_2TX	18.98	0.07907
802.11ac VHT40_Nss2,(MCS0)_2TX	19.03	0.07998
802.11ac VHT80_Nss2,(MCS0)_2TX	16.65	0.04624
802.11ax HEW20_Nss2,(MCS0)_2TX	19.25	0.08414
802.11ax HEW40_Nss2,(MCS0)_2TX	19.25	0.08414
802.11ax HEW80_Nss2,(MCS0)_2TX	16.87	0.04864
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	15.98	0.03963
802.11ac VHT20_Nss2,(MCS0)_2TX	19.05	0.08035
802.11ac VHT40_Nss2,(MCS0)_2TX	19.09	0.08110
802.11ac VHT80_Nss2,(MCS0)_2TX	19.07	0.08072
802.11ax HEW20_Nss2,(MCS0)_2TX	19.26	0.08433
802.11ax HEW40_Nss2,(MCS0)_2TX	19.21	0.08337
802.11ax HEW80_Nss2,(MCS0)_2TX	19.25	0.08414
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	9.00	0.00794
802.11ac VHT20_Nss2,(MCS0)_2TX	12.29	0.01694
802.11ac VHT40_Nss2,(MCS0)_2TX	8.79	0.00757
802.11ac VHT80_Nss2,(MCS0)_2TX	5.29	0.00338
802.11ax HEW20_Nss2,(MCS0)_2TX	12.69	0.01858
802.11ax HEW40_Nss2,(MCS0)_2TX	9.28	0.00847
802.11ax HEW80_Nss2,(MCS0)_2TX	5.61	0.00364

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-
5260MHz	Pass	10.70	12.87	12.93	15.91	19.28	11.75
5300MHz	Pass	10.70	13.11	13.08	16.11	19.28	11.75
5320MHz	Pass	10.70	13.08	12.95	16.03	19.28	11.75
5500MHz	Pass	10.70	12.75	12.86	15.82	19.28	11.25
5580MHz	Pass	10.70	12.73	13.10	15.93	19.28	11.5
5700MHz	Pass	10.70	13.11	12.83	15.98	19.28	11.5
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	12.55	12.12	15.35	18.21	11.25
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	6.22	5.74	9.00	25.30	11.25
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5260MHz	Pass	10.70	15.93	15.74	18.85	19.28	14.5
5300MHz	Pass	10.70	15.83	15.87	18.86	19.28	14.5
5320MHz	Pass	10.70	16.03	15.91	18.98	19.28	14.5
5500MHz	Pass	10.70	16.10	15.94	19.03	19.28	14.5
5580MHz	Pass	10.70	15.98	16.09	19.05	19.28	14.75
5700MHz	Pass	10.70	15.38	15.05	18.23	19.28	13.75
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	14.98	14.75	17.88	18.26	14
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	9.43	9.12	12.29	25.30	14
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5270MHz	Pass	10.70	16.06	15.97	19.03	19.28	14.75
5310MHz	Pass	10.70	15.03	14.91	17.98	19.28	13.5
5510MHz	Pass	10.70	14.68	14.79	17.75	19.28	13
5550MHz	Pass	10.70	16.10	15.84	18.98	19.28	14.5
5670MHz	Pass	10.70	15.31	15.53	18.43	19.28	14.25
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	16.08	16.07	19.09	19.28	14.5
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	5.88	5.68	8.79	25.30	14.5
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5290MHz	Pass	10.70	13.74	13.53	16.65	19.28	13.25
5530MHz	Pass	10.70	13.56	13.37	16.48	19.28	12.75
5610MHz	Pass	10.70	15.67	15.83	18.76	19.28	15.5
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	15.98	16.14	19.07	19.28	15.25
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	2.39	2.16	5.29	25.30	15.25
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5260MHz	Pass	10.70	16.22	15.98	19.11	19.28	14.5
5300MHz	Pass	10.70	16.26	16.21	19.25	19.28	14.5
5320MHz	Pass	10.70	16.13	16.19	19.17	19.28	14.5
5500MHz	Pass	10.70	16.35	16.13	19.25	19.28	14.5
5580MHz	Pass	10.70	16.32	16.18	19.26	19.28	14.75
5700MHz	Pass	10.70	15.59	15.22	18.42	19.28	13.75
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	15.24	14.76	18.02	18.22	14
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	9.95	9.40	12.69	25.30	14
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5270MHz	Pass	10.70	16.31	16.16	19.25	19.28	14.75
5310MHz	Pass	10.70	15.10	15.05	18.09	19.28	13.5



Average Power_Radio 3 / External Antenna 12

Appendix B.23

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
5510MHz	Pass	10.70	14.74	14.86	17.81	19.28	13
5550MHz	Pass	10.70	16.17	15.98	19.09	19.28	14.5
5670MHz	Pass	10.70	15.45	15.65	18.56	19.28	14.25
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	16.22	16.18	19.21	19.28	14.5
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	6.40	6.14	9.28	25.30	14.5
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5290MHz	Pass	10.70	13.96	13.75	16.87	19.28	13.25
5530MHz	Pass	10.70	13.80	13.41	16.62	19.28	12.75
5610MHz	Pass	10.70	15.97	16.12	19.06	19.28	15.5
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	16.25	16.23	19.25	19.28	15.25
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	2.78	2.41	5.61	25.30	15.25

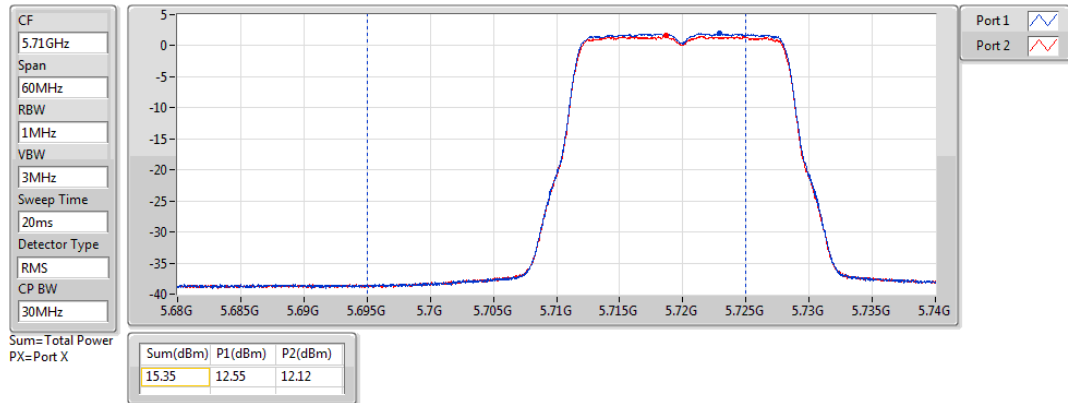
DG = Directional Gain; **Port X** = Port X output power

Note : **Conducted setting** = **Pass conducted setting division 4**

802.11a_Nss1,(6Mbps)_2TX

AV Power

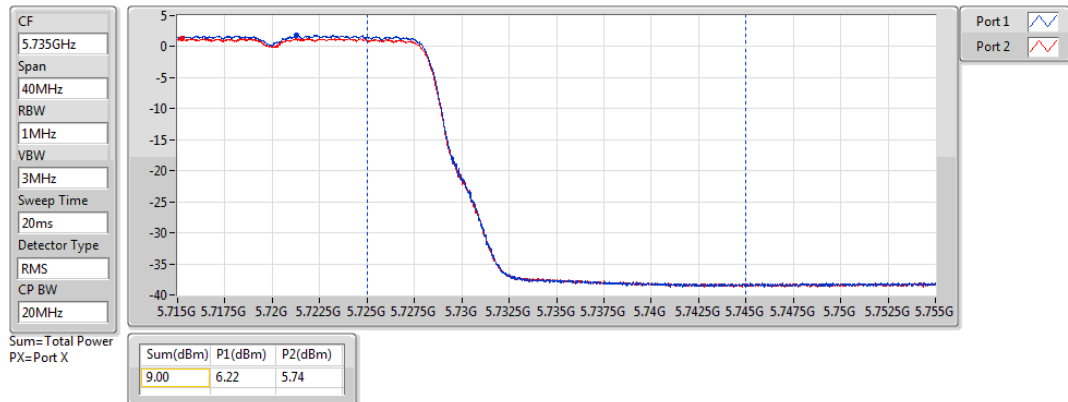
5720MHz Straddle 5.47-5.725GHz



802.11a_Nss1,(6Mbps)_2TX

AV Power

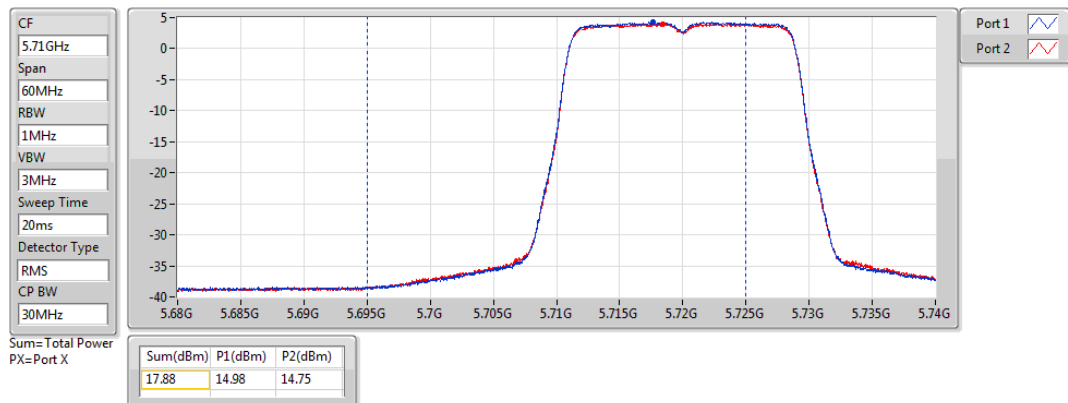
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

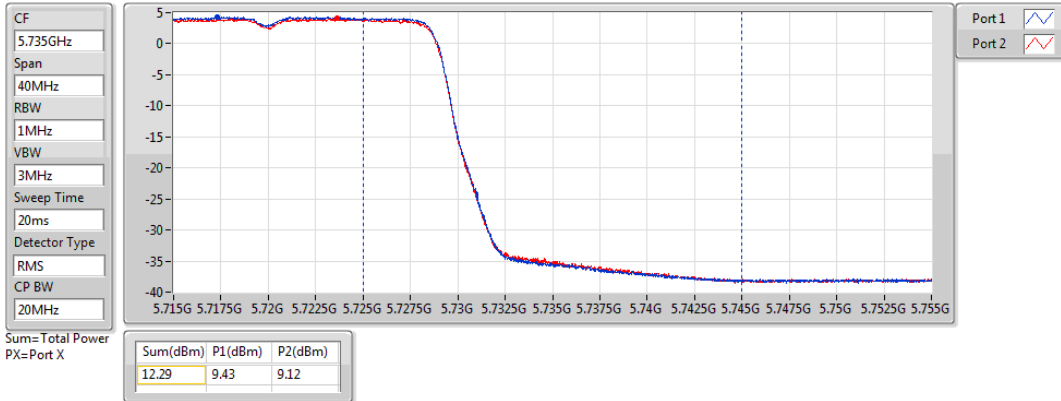


802.11ac VHT20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

11/11/2019

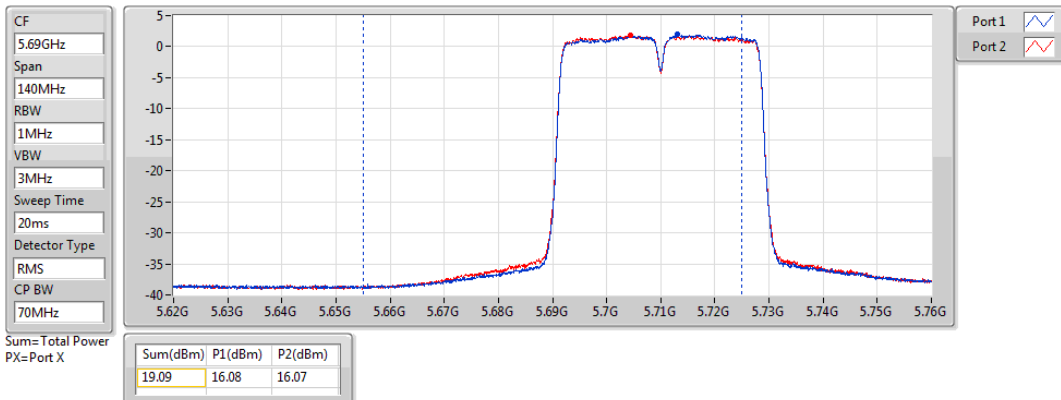


802.11ac VHT40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

11/11/2019

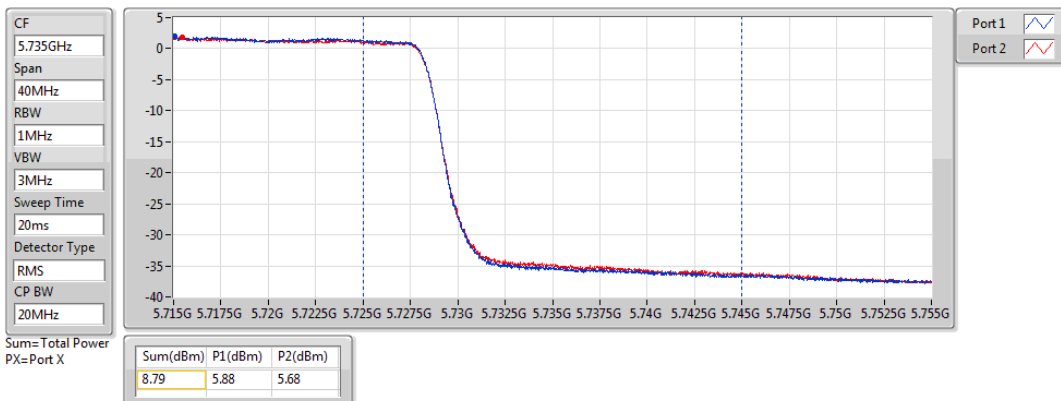


802.11ac VHT40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

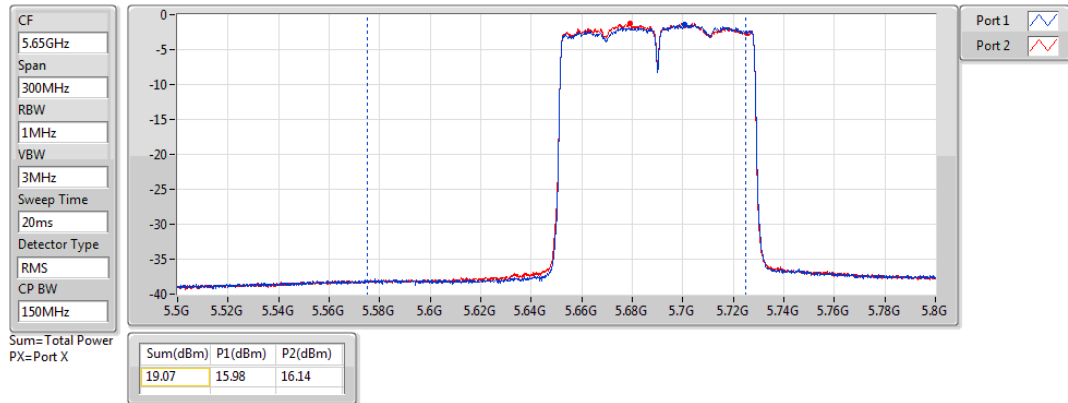
11/11/2019



802.11ac VHT80_Nss2,(MCS0)_2TX

AV Power

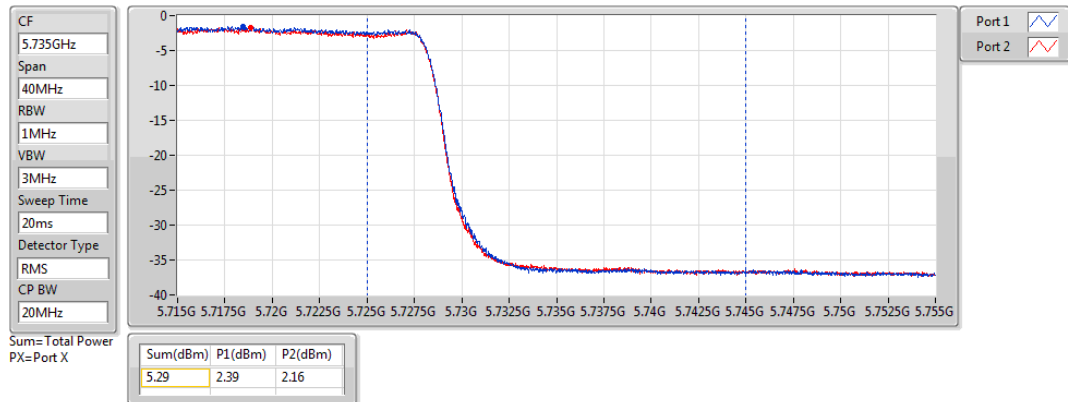
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss2,(MCS0)_2TX

AV Power

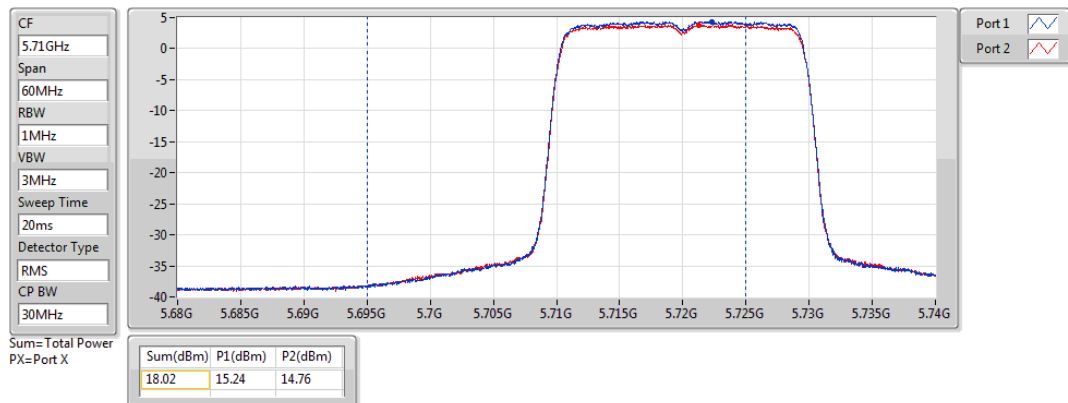
5690MHz Straddle 5.725-5.85GHz



802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

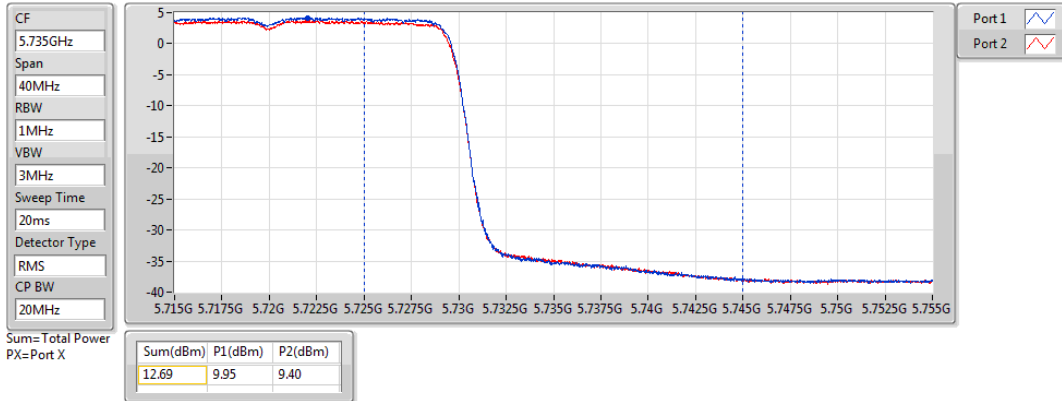


802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

11/11/2019

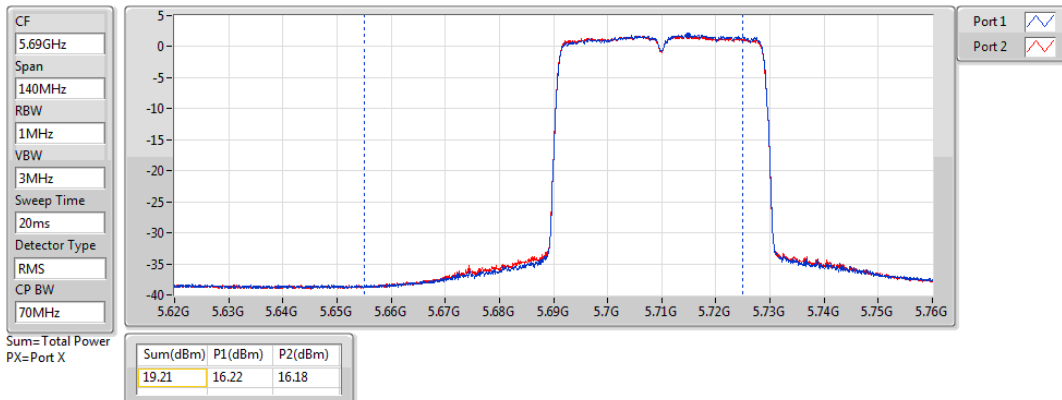


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

11/11/2019

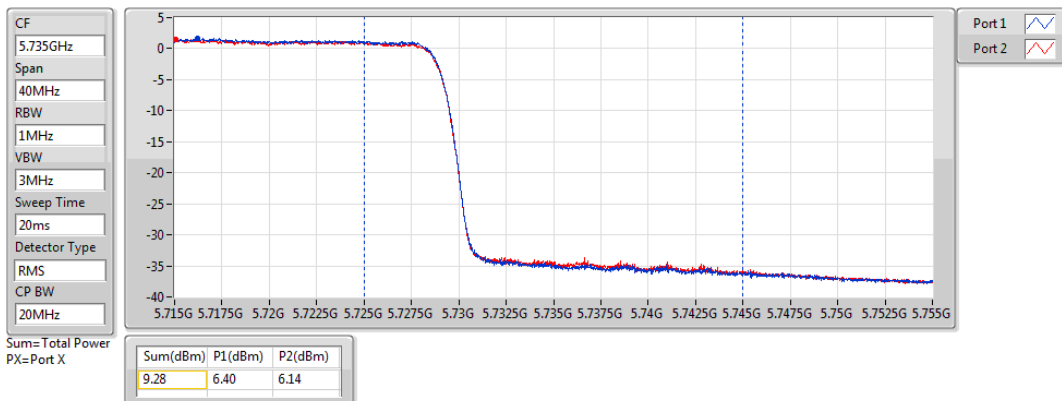


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

11/11/2019

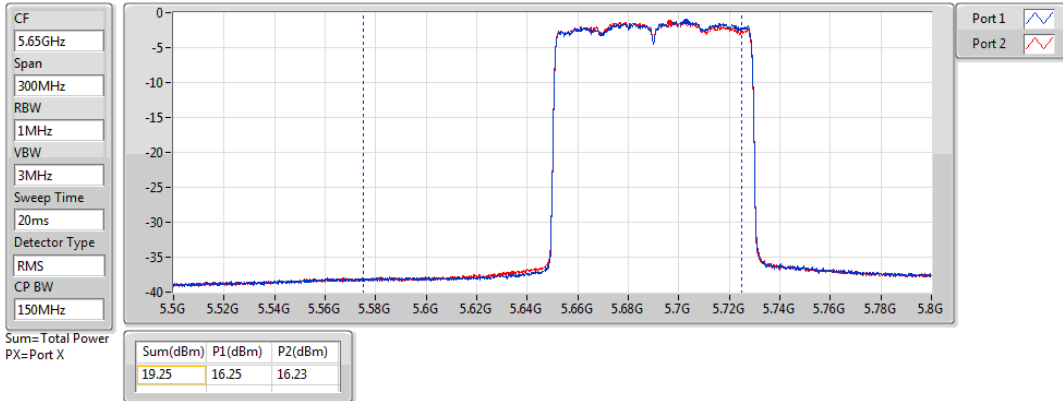


802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

11/11/2019

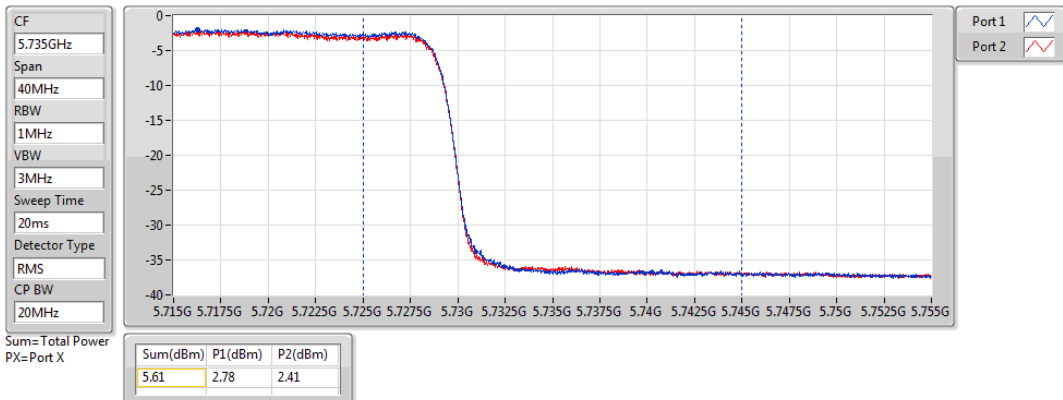


802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

11/11/2019



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	15.80	0.03802
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	16.03	0.04009
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	15.81	0.03811
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	15.94	0.03926
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	16.21	0.04178
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	16.12	0.04093
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	15.89	0.03882
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	16.11	0.04083
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	16.02	0.03999
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	15.92	0.03908
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	16.22	0.04188
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	16.25	0.04217
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	9.06	0.00805
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	5.71	0.00372
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	2.02	0.00159
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	10.14	0.01033
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	6.66	0.00463
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	3.07	0.00203

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5260MHz	Pass	13.71	12.72	12.85	15.80	16.27	11.25
5300MHz	Pass	13.71	12.80	12.78	15.80	16.27	11
5320MHz	Pass	13.71	12.76	12.55	15.67	16.27	11
5500MHz	Pass	13.71	13.06	12.69	15.89	16.27	10.75
5580MHz	Pass	13.71	12.72	12.68	15.71	16.27	10.75
5700MHz	Pass	13.71	12.98	12.30	15.66	16.27	11
5720MHz Straddle 5.47-5.725GHz	Pass	13.71	11.66	11.27	14.48	15.25	10.25
5720MHz Straddle 5.725-5.85GHz	Pass	13.71	6.36	5.72	9.06	22.29	10.25
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5270MHz	Pass	13.71	13.09	12.77	15.94	16.27	11.25
5310MHz	Pass	13.71	13.15	12.89	16.03	16.27	11.25
5510MHz	Pass	13.71	13.18	12.89	16.05	16.27	10.75
5550MHz	Pass	13.71	13.34	12.83	16.10	16.27	11
5670MHz	Pass	13.71	13.20	13.00	16.11	16.27	11.5
5710MHz Straddle 5.47-5.725GHz	Pass	13.71	12.97	12.52	15.76	16.27	11
5710MHz Straddle 5.725-5.85GHz	Pass	13.71	3.09	2.28	5.71	22.29	11
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5290MHz	Pass	13.71	12.57	13.02	15.81	16.27	11.5
5530MHz	Pass	13.71	12.92	13.09	16.02	16.27	11.25
5610MHz	Pass	13.71	12.35	13.03	15.71	16.27	11.5
5690MHz Straddle 5.47-5.725GHz	Pass	13.71	12.42	13.12	15.79	16.27	11.25
5690MHz Straddle 5.725-5.85GHz	Pass	13.71	-1.12	-0.87	2.02	22.29	11.25
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5260MHz	Pass	13.71	13.04	12.81	15.94	16.27	11.25
5300MHz	Pass	13.71	12.88	12.71	15.81	16.27	11
5320MHz	Pass	13.71	12.79	12.60	15.71	16.27	11
5500MHz	Pass	13.71	13.11	12.69	15.92	16.27	10.75
5580MHz	Pass	13.71	12.76	12.68	15.73	16.27	10.75
5700MHz	Pass	13.71	12.93	12.65	15.80	16.27	11
5720MHz Straddle 5.47-5.725GHz	Pass	13.71	12.40	11.76	15.10	15.23	10.25
5720MHz Straddle 5.725-5.85GHz	Pass	13.71	7.42	6.82	10.14	22.29	10.25
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5270MHz	Pass	13.71	13.23	13.10	16.18	16.27	11.25
5310MHz	Pass	13.71	13.37	13.02	16.21	16.27	11.25
5510MHz	Pass	13.71	13.29	13.00	16.16	16.27	10.75
5550MHz	Pass	13.71	13.42	12.99	16.22	16.27	11
5670MHz	Pass	13.71	13.32	13.01	16.18	16.27	11.5
5710MHz Straddle 5.47-5.725GHz	Pass	13.71	13.33	12.84	16.10	16.27	11
5710MHz Straddle 5.725-5.85GHz	Pass	13.71	4.06	3.19	6.66	22.29	11
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5290MHz	Pass	13.71	12.78	13.41	16.12	16.27	11.5
5530MHz	Pass	13.71	13.06	13.42	16.25	16.27	11.25
5610MHz	Pass	13.71	12.71	13.42	16.09	16.27	11.5



Average Power_Radio 3 / External Antenna 12

Appendix B.24

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
5690MHz Straddle 5.47-5.725GHz	Pass	13.71	12.74	13.52	16.16	16.27	11.25
5690MHz Straddle 5.725-5.85GHz	Pass	13.71	0.01	0.10	3.07	22.29	11.25

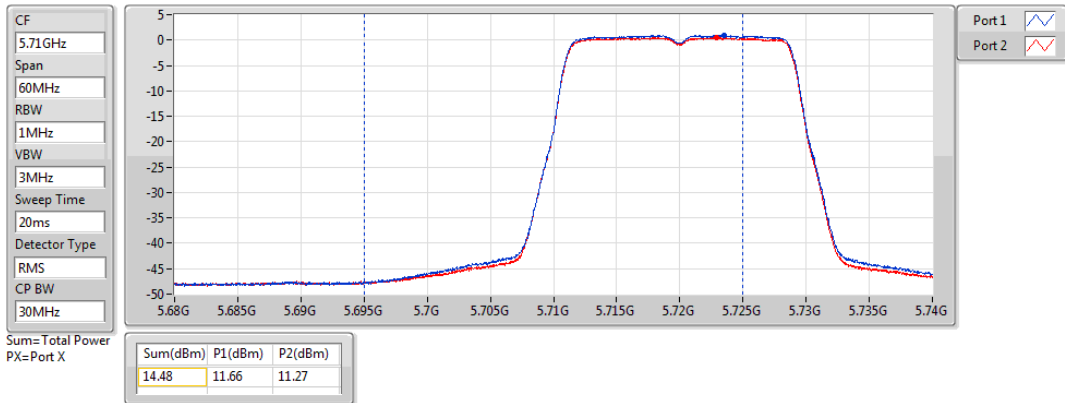
DG = Directional Gain; **Port X** = Port X output power

Note : Conducted setting = Pass conducted setting division 4

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

AV Power

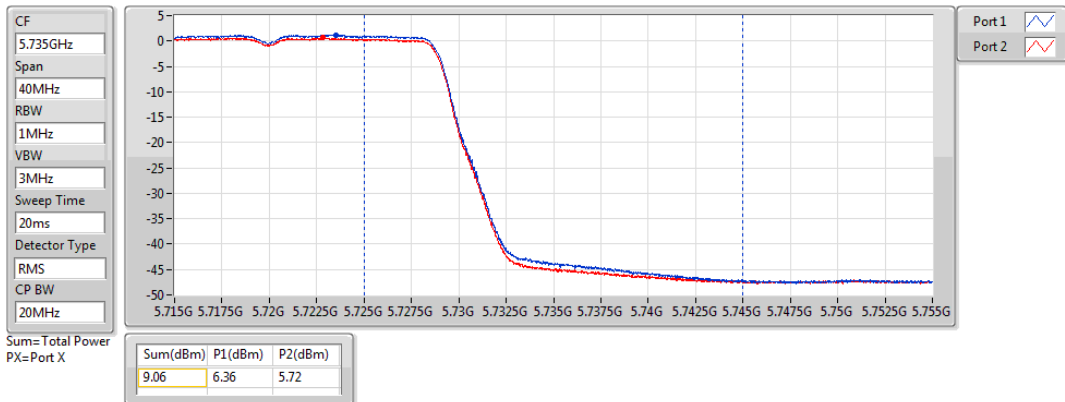
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

AV Power

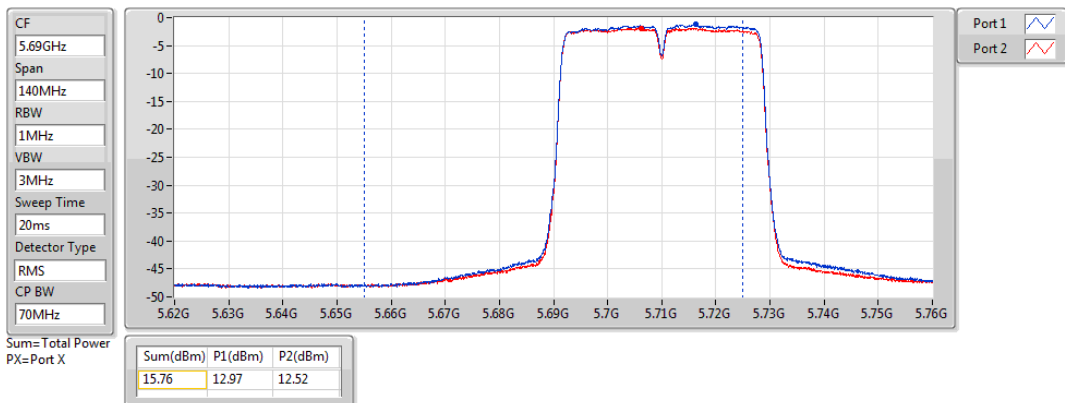
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

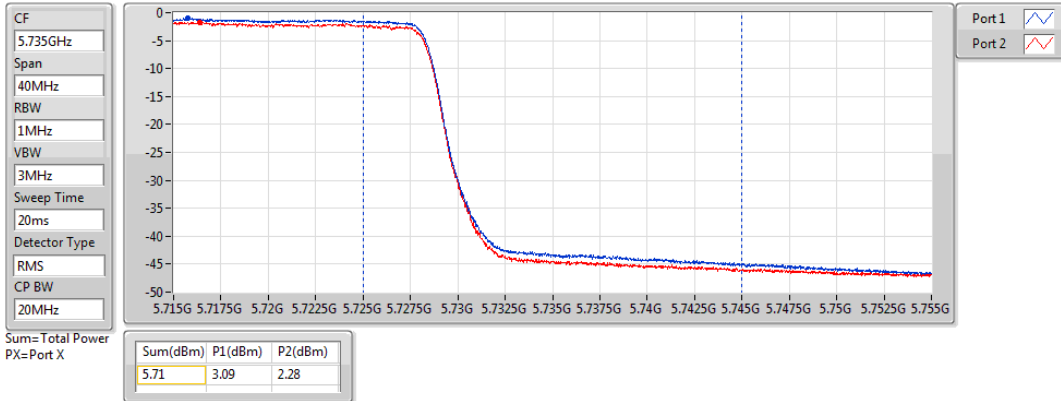


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

12/11/2019

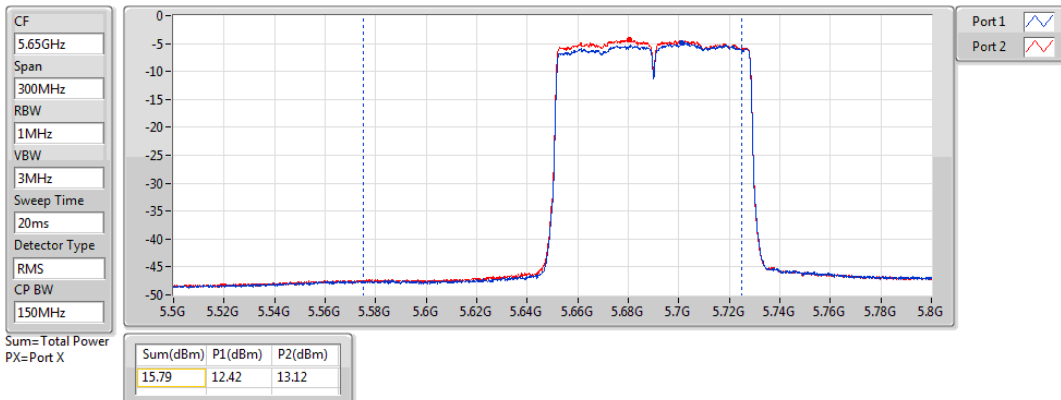


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

12/11/2019

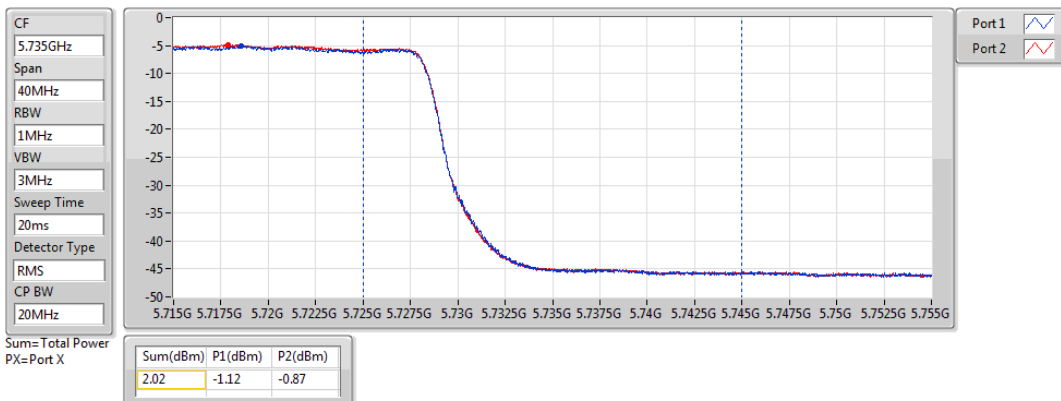


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

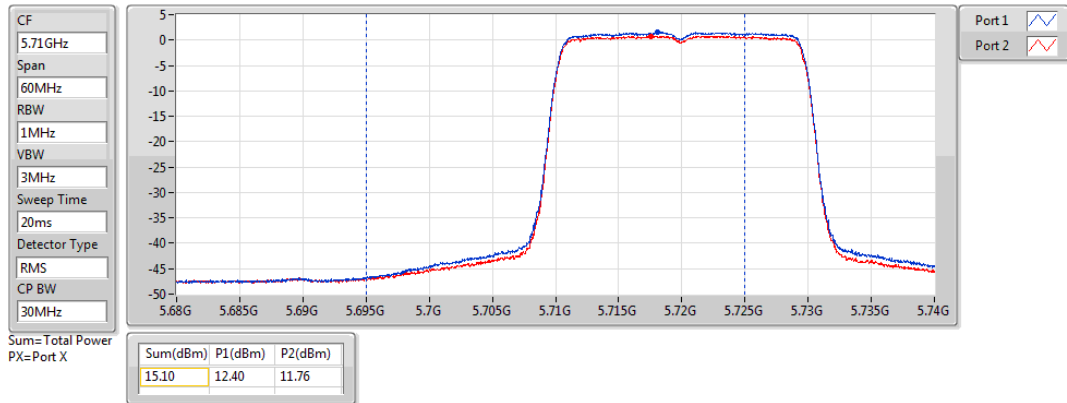
12/11/2019



802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

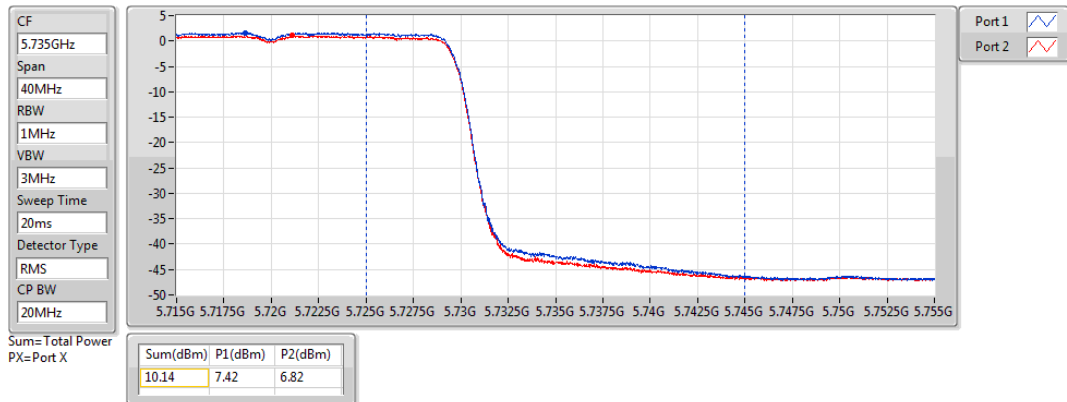
5720MHz Straddle 5.47-5.725GHz



802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

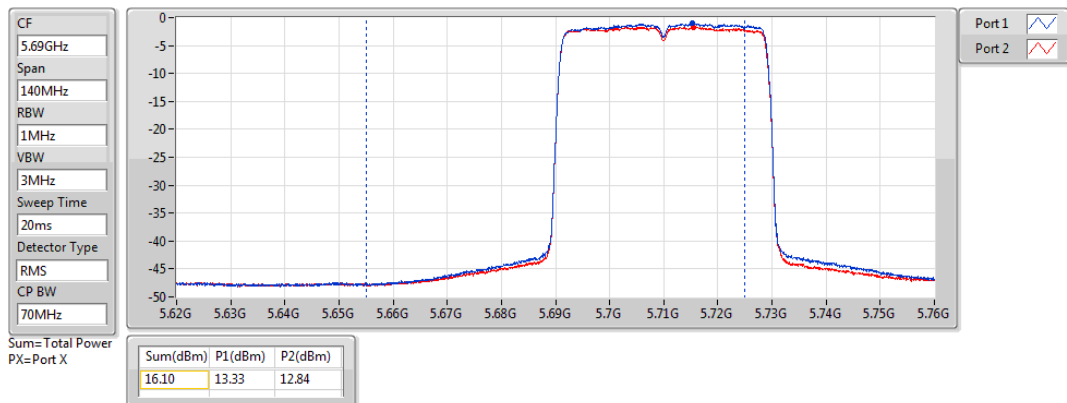
5720MHz Straddle 5.725-5.85GHz



802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

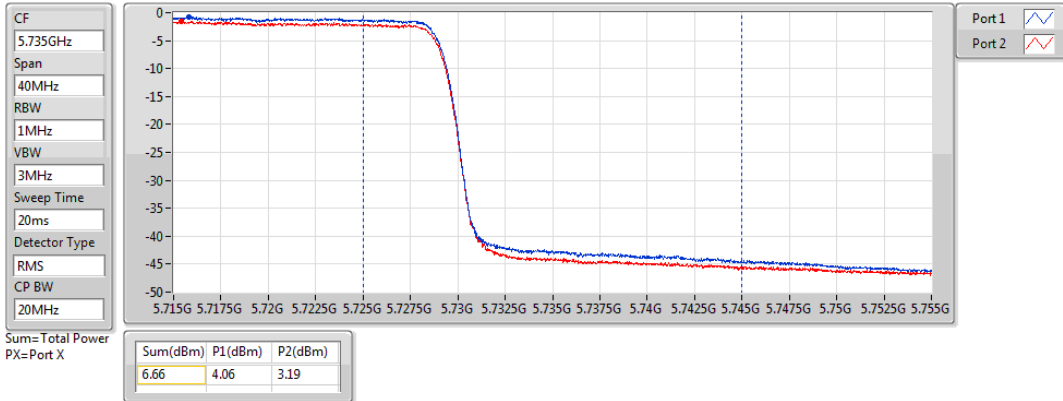


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

12/11/2019

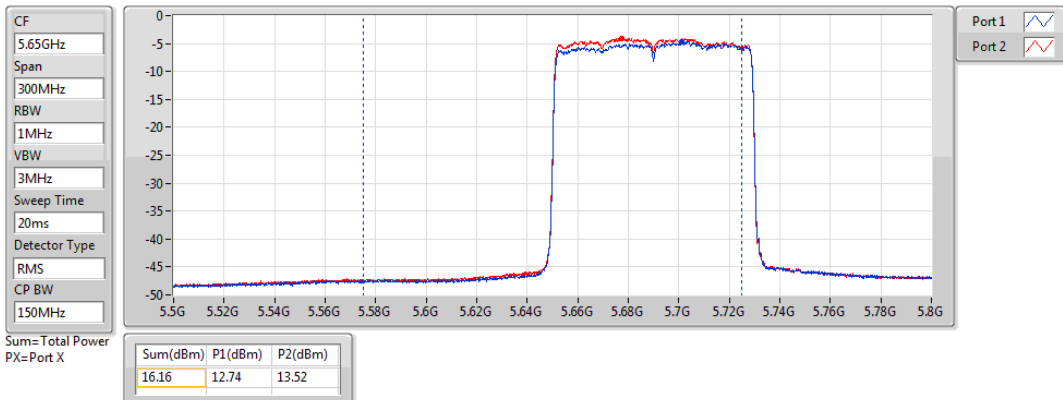


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

12/11/2019

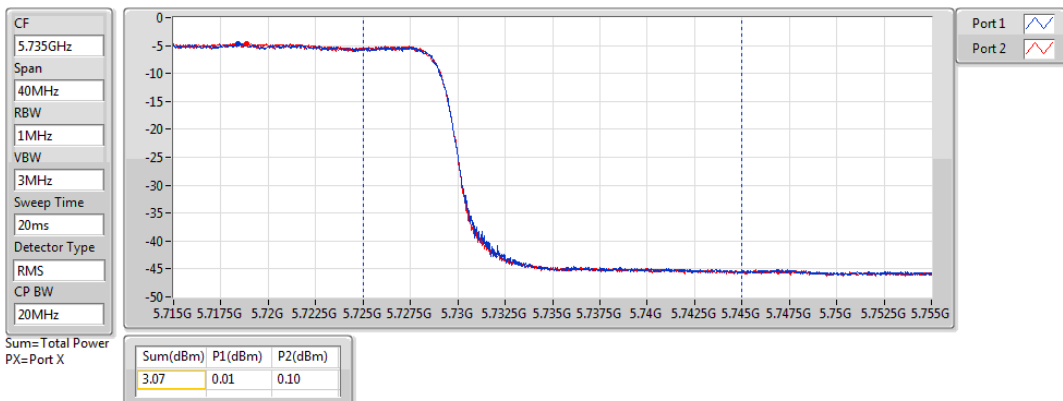


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

12/11/2019



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT160_Nss1,(MCS0)_1TX	-4.28
802.11ax HEW160_Nss1,(MCS0)_1TX	-4.56
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	10.78
802.11ac VHT20_Nss1,(MCS0)_1TX	10.32
802.11ac VHT40_Nss1,(MCS0)_1TX	6.73
802.11ac VHT80_Nss1,(MCS0)_1TX	-0.66
802.11ac VHT160_Nss1,(MCS0)_1TX	-4.53
802.11ax HEW20_Nss1,(MCS0)_1TX	10.06
802.11ax HEW40_Nss1,(MCS0)_1TX	6.65
802.11ax HEW80_Nss1,(MCS0)_1TX	-0.58
802.11ax HEW160_Nss1,(MCS0)_1TX	-4.69
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX	9.35
802.11ac VHT20_Nss1,(MCS0)_1TX	8.89
802.11ac VHT40_Nss1,(MCS0)_1TX	6.15
802.11ac VHT80_Nss1,(MCS0)_1TX	3.05
802.11ac VHT160_Nss1,(MCS0)_1TX	-4.32
802.11ax HEW20_Nss1,(MCS0)_1TX	8.74
802.11ax HEW40_Nss1,(MCS0)_1TX	6.20
802.11ax HEW80_Nss1,(MCS0)_1TX	2.82
802.11ax HEW160_Nss1,(MCS0)_1TX	-4.14
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	7.09
802.11ac VHT20_Nss1,(MCS0)_1TX	6.33
802.11ac VHT40_Nss1,(MCS0)_1TX	3.20
802.11ac VHT80_Nss1,(MCS0)_1TX	0.09
802.11ax HEW20_Nss1,(MCS0)_1TX	6.12
802.11ax HEW40_Nss1,(MCS0)_1TX	3.23
802.11ax HEW80_Nss1,(MCS0)_1TX	0.00

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)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5260MHz	Pass	5.36	10.78	10.78	11.00
5300MHz	Pass	5.36	10.54	10.54	11.00
5320MHz	Pass	5.36	7.12	7.12	11.00
5500MHz	Pass	5.36	6.29	6.29	11.00
5580MHz	Pass	5.36	9.35	9.35	11.00
5700MHz	Pass	5.36	5.33	5.33	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.36	8.92	8.92	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.36	7.09	7.09	30.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	5.36	10.32	10.32	11.00
5300MHz	Pass	5.36	10.07	10.07	11.00
5320MHz	Pass	5.36	6.85	6.85	11.00
5500MHz	Pass	5.36	5.06	5.06	11.00
5580MHz	Pass	5.36	8.89	8.89	11.00
5700MHz	Pass	5.36	3.83	3.83	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.36	7.99	7.99	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.36	6.33	6.33	30.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5270MHz	Pass	5.36	6.73	6.73	11.00
5310MHz	Pass	5.36	2.15	2.15	11.00
5510MHz	Pass	5.36	0.76	0.76	11.00
5550MHz	Pass	5.36	6.15	6.15	11.00
5670MHz	Pass	5.36	3.90	3.90	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.36	5.46	5.46	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.36	3.20	3.20	30.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5290MHz	Pass	5.36	-0.66	-0.66	11.00
5530MHz	Pass	5.36	-1.84	-1.84	11.00
5610MHz	Pass	5.36	2.77	2.77	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.36	3.05	3.05	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.36	0.09	0.09	30.00
802.11ac VHT160_Nss1,(MCS0)_1TX	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.36	-4.28	-4.28	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.36	-4.53	-4.53	11.00
5570MHz	Pass	5.36	-4.32	-4.32	11.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	5.36	10.06	10.06	11.00
5300MHz	Pass	5.36	9.93	9.93	11.00
5320MHz	Pass	5.36	6.81	6.81	11.00
5500MHz	Pass	5.36	4.96	4.96	11.00
5580MHz	Pass	5.36	8.74	8.74	11.00
5700MHz	Pass	5.36	3.77	3.77	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.36	7.83	7.83	11.00



Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5720MHz Straddle 5.725-5.85GHz	Pass	5.36	6.12	6.12	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5270MHz	Pass	5.36	6.65	6.65	11.00
5310MHz	Pass	5.36	2.08	2.08	11.00
5510MHz	Pass	5.36	0.86	0.86	11.00
5550MHz	Pass	5.36	6.20	6.20	11.00
5670MHz	Pass	5.36	3.90	3.90	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.36	5.28	5.28	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.36	3.23	3.23	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5290MHz	Pass	5.36	-0.58	-0.58	11.00
5530MHz	Pass	5.36	-1.93	-1.93	11.00
5610MHz	Pass	5.36	2.57	2.57	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.36	2.82	2.82	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.36	0.00	0.00	30.00
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.36	-4.56	-4.56	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.36	-4.69	-4.69	11.00
5570MHz	Pass	5.36	-4.14	-4.14	11.00

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

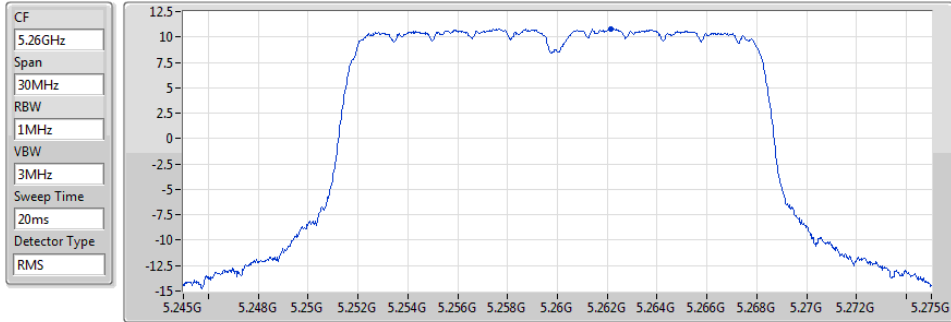
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5260MHz

26/10/2019



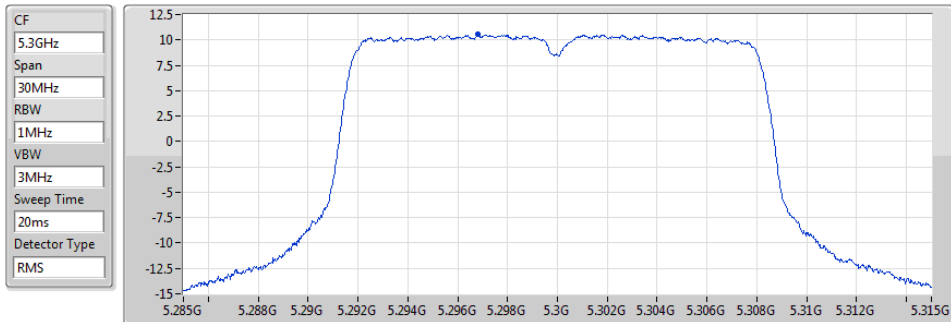
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.78	10.78	10.78

802.11a_Nss1,(6Mbps)_1TX

PSD

5300MHz

26/10/2019



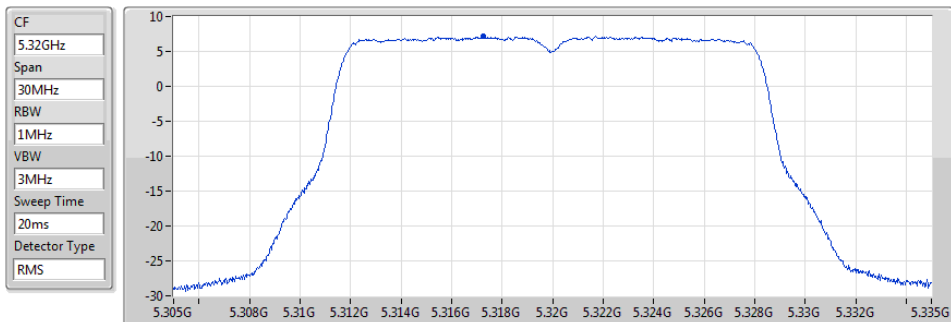
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.54	10.54	10.54

802.11a_Nss1,(6Mbps)_1TX

PSD

5320MHz

26/10/2019



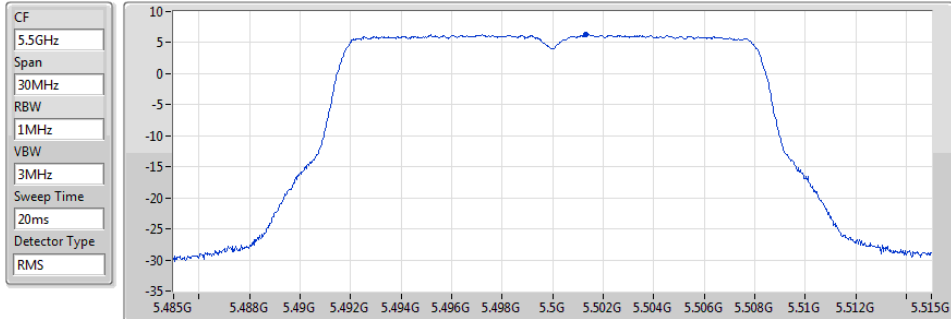
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.12	7.12	7.12

802.11a_Nss1,(6Mbps)_1TX

PSD

5500MHz

26/10/2019



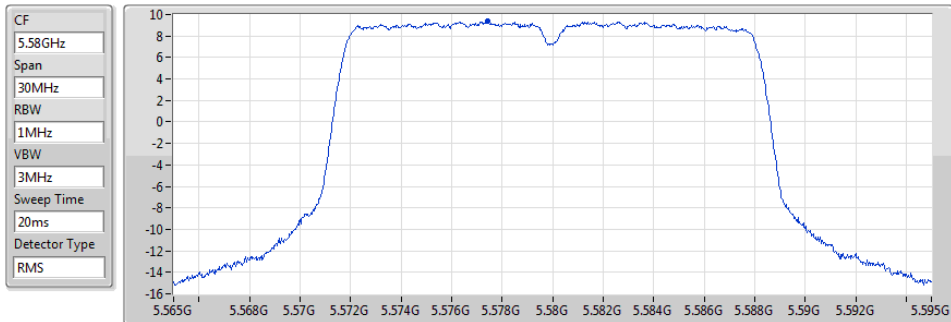
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.29	6.29	6.29

802.11a_Nss1,(6Mbps)_1TX

PSD

5580MHz

26/10/2019



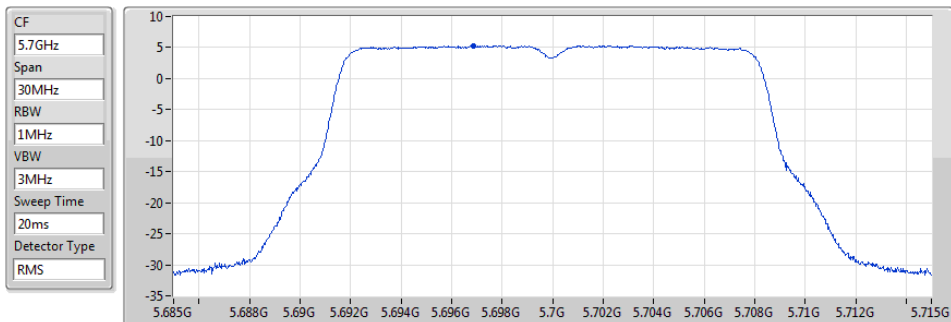
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.35	9.35	9.35

802.11a_Nss1,(6Mbps)_1TX

PSD

5700MHz

26/10/2019



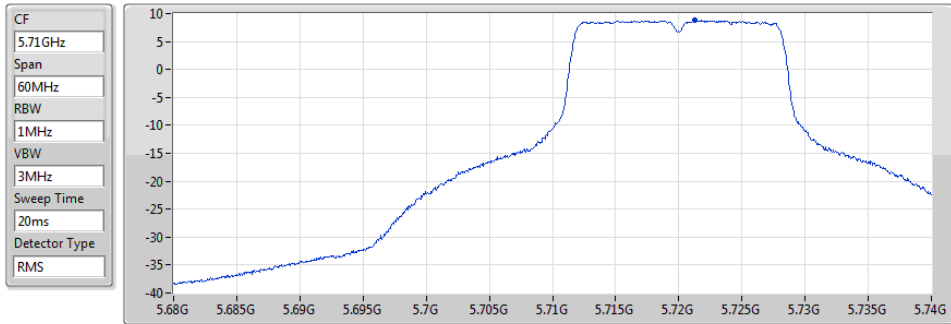
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.33	5.33	5.33

802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

26/10/2019



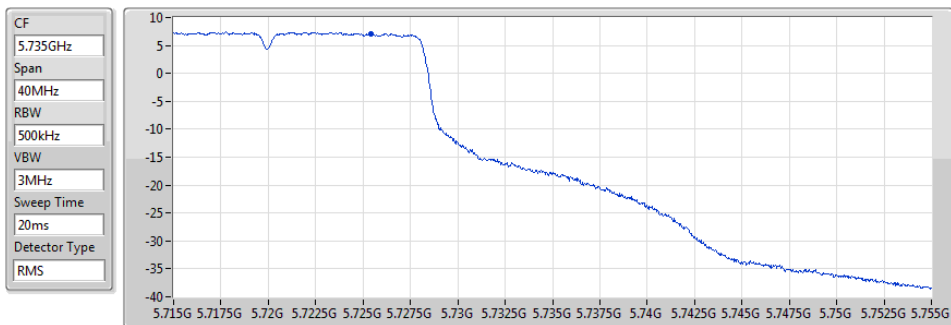
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.92	8.92	8.92

802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

26/10/2019



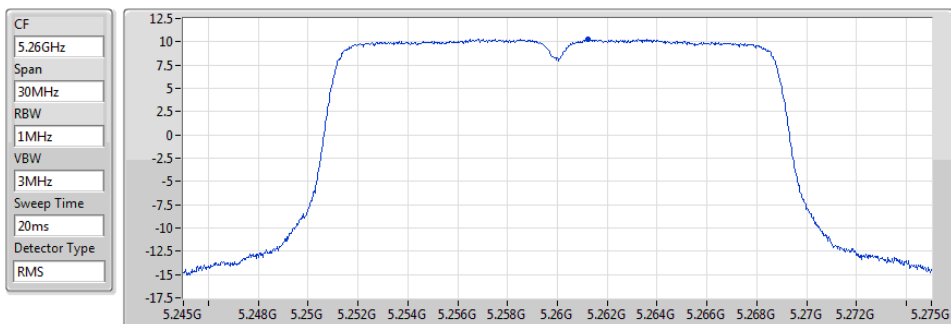
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.09	7.09	7.09

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5260MHz

26/10/2019



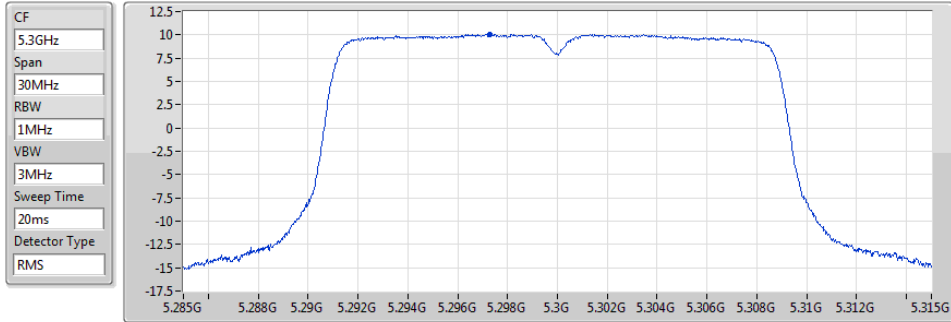
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.32	10.32	10.32

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5300MHz

26/10/2019



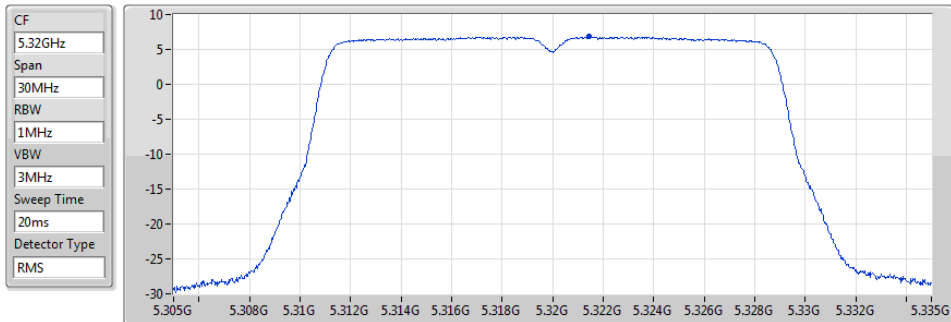
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.07	10.07	10.07

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5320MHz

26/10/2019



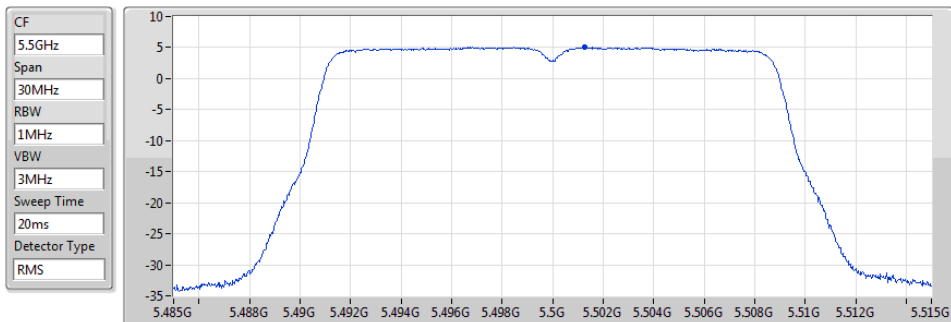
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.85	6.85	6.85

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5500MHz

26/10/2019



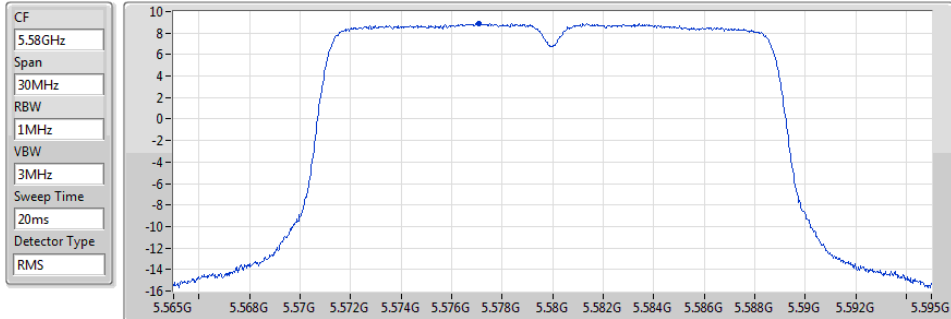
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.06	5.06	5.06

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5580MHz

26/10/2019

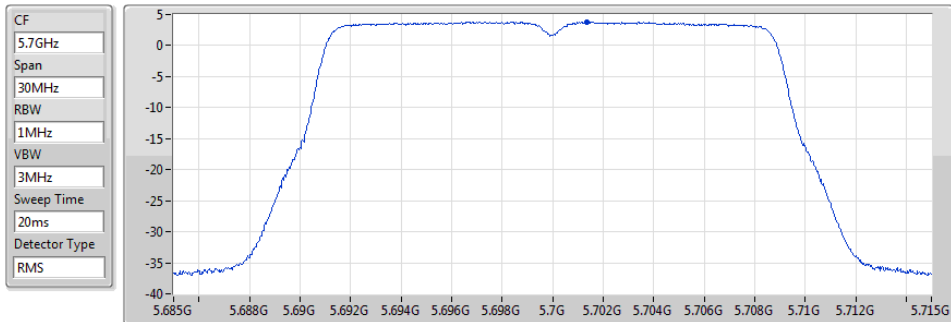


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5700MHz

26/10/2019

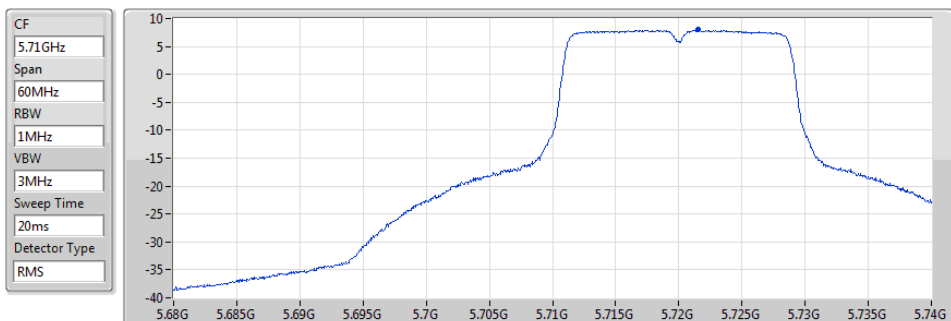


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

26/10/2019

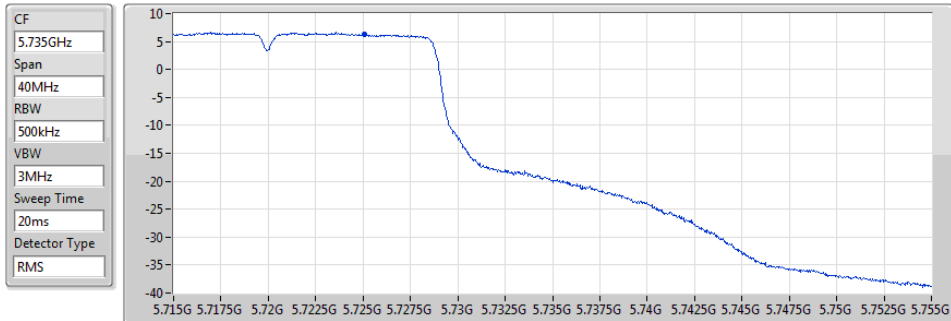


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

26/10/2019

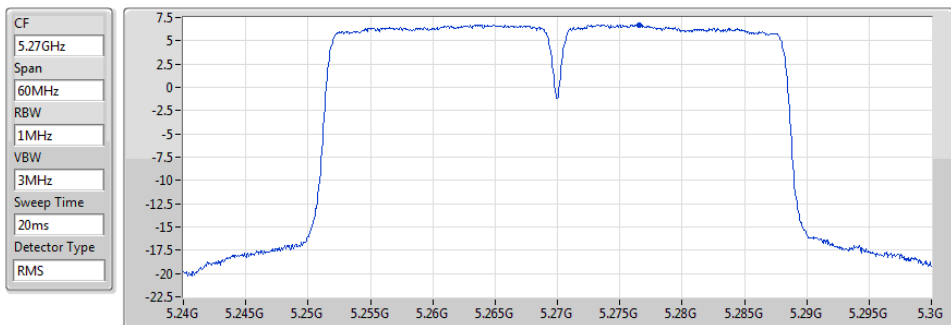


802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5270MHz

26/10/2019

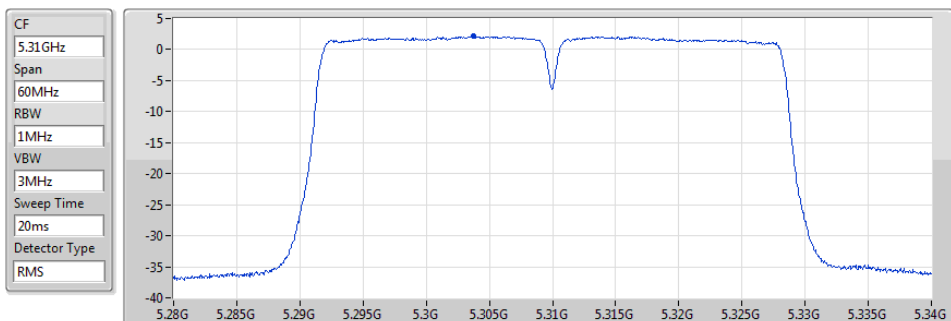


802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5310MHz

26/10/2019

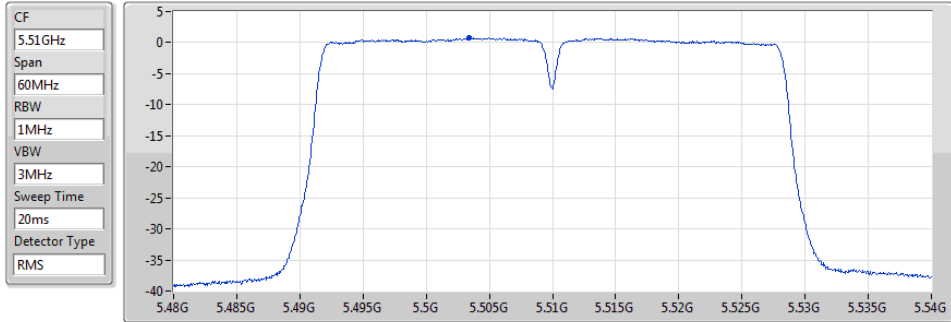


802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5510MHz

26/10/2019



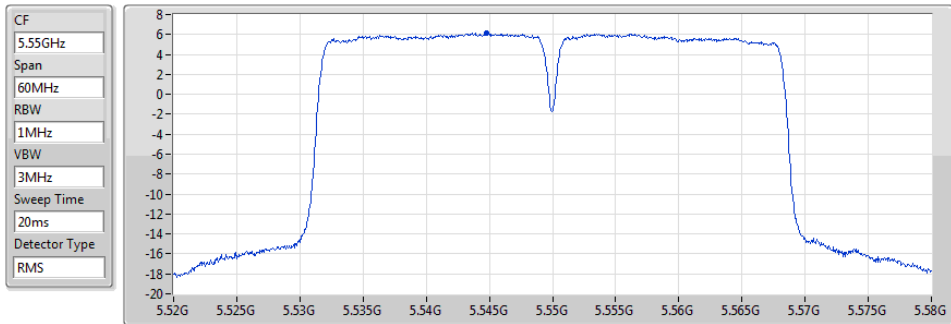
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
0.76	0.76	0.76

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5550MHz

26/10/2019



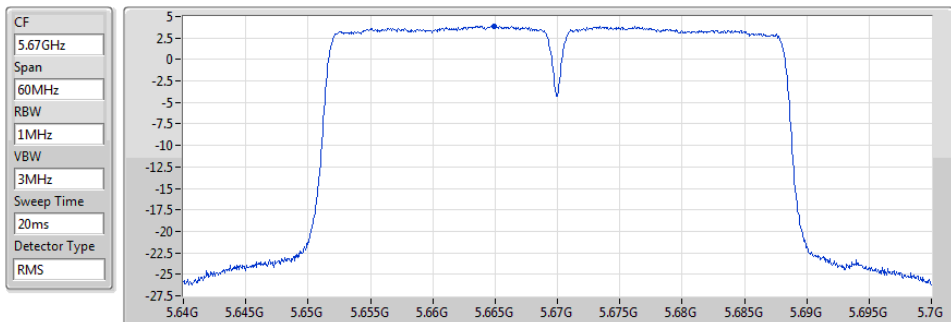
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
6.15	6.15	6.15

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5670MHz

26/10/2019



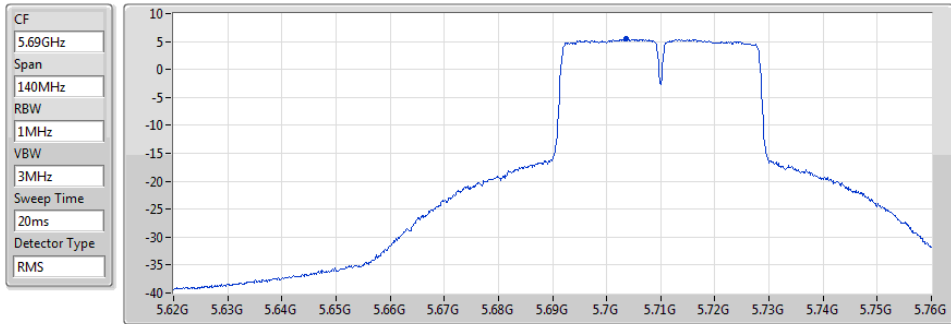
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
3.90	3.90	3.90

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

26/10/2019



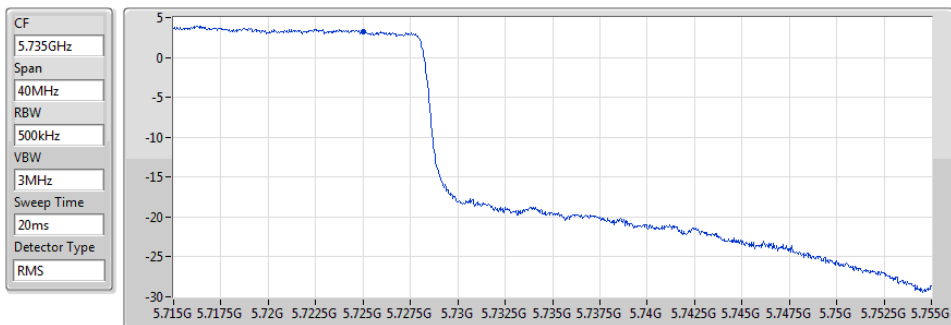
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.46	5.46	5.46

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.725-5.85GHz

26/10/2019



Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.20	3.20	3.20

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5290MHz

26/10/2019



Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.66	-0.66	-0.66

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5530MHz

26/10/2019



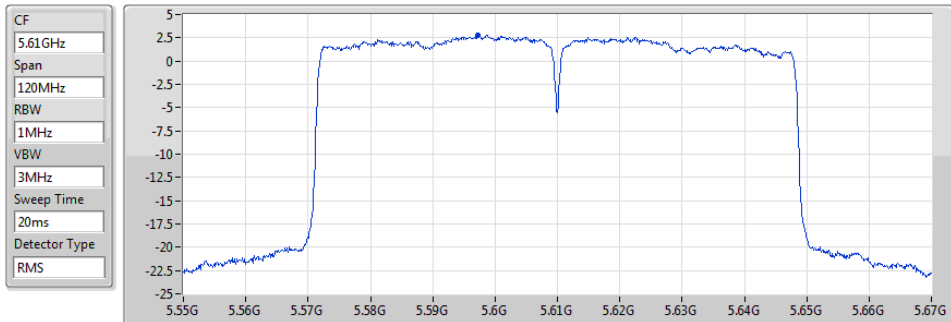
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.84	-1.84	-1.84

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5610MHz

26/10/2019



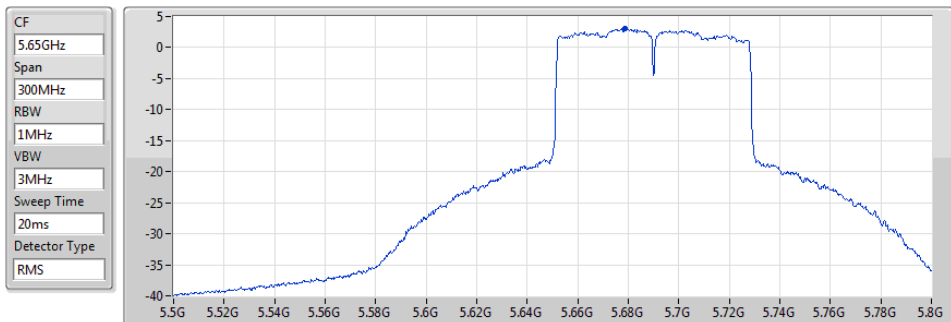
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.77	2.77	2.77

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.47-5.725GHz

26/10/2019



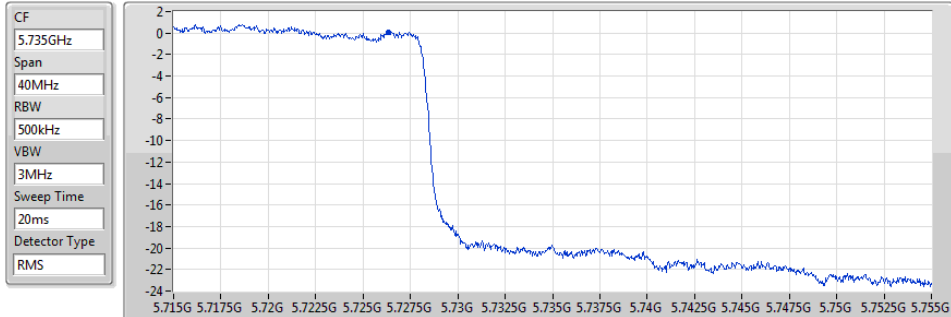
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.05	3.05	3.05

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.725-5.85GHz

27/10/2019



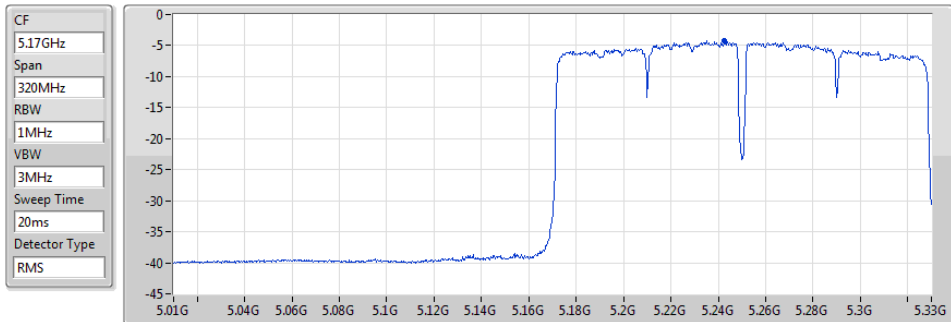
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.09	0.09	0.09

802.11ac VHT160_Nss1,(MCS0)_1TX

PSD

5250MHz Straddle 5.15-5.25GHz

27/10/2019



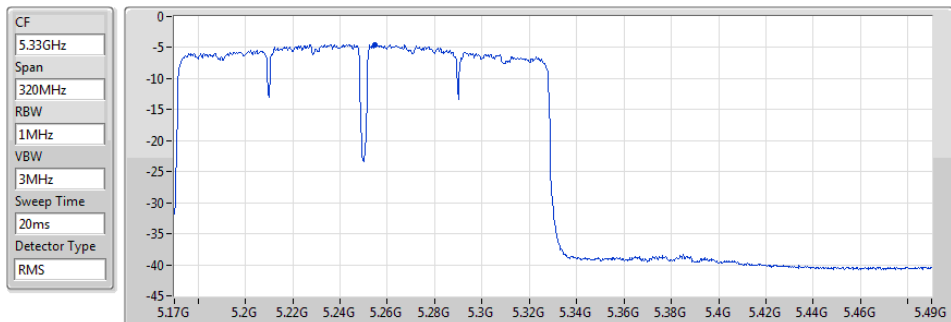
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.28	-4.28	-4.28

802.11ac VHT160_Nss1,(MCS0)_1TX

PSD

5250MHz Straddle 5.25-5.35GHz

27/10/2019



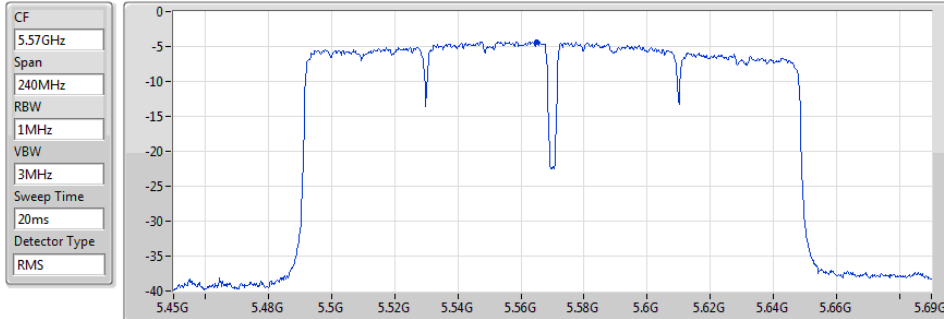
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.53	-4.53	-4.53

802.11ac VHT160_Nss1,(MCS0)_1TX

PSD

5570MHz

27/10/2019



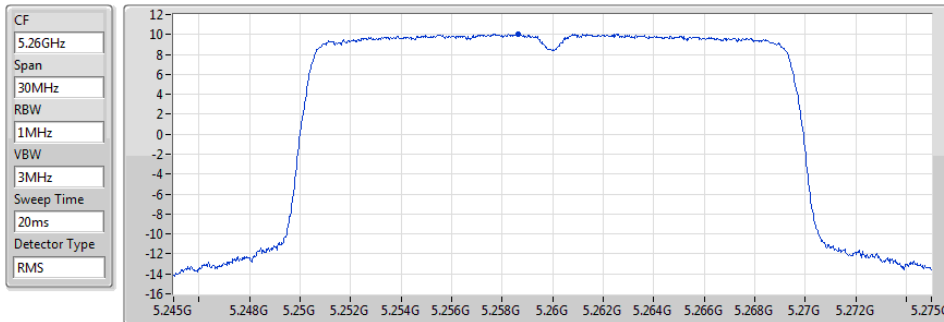
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.32	-4.32	-4.32

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5260MHz

26/10/2019



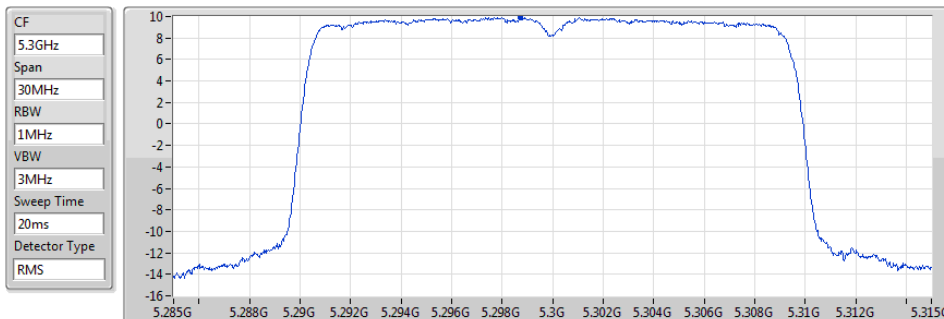
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.06	10.06	10.06

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5300MHz

26/10/2019



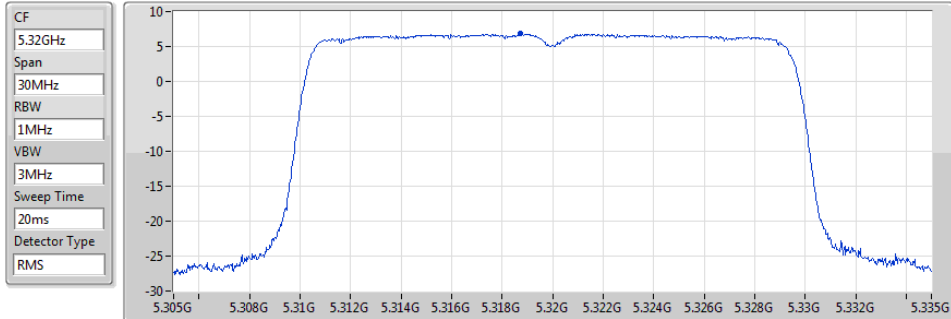
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.93	9.93	9.93

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5320MHz

26/10/2019



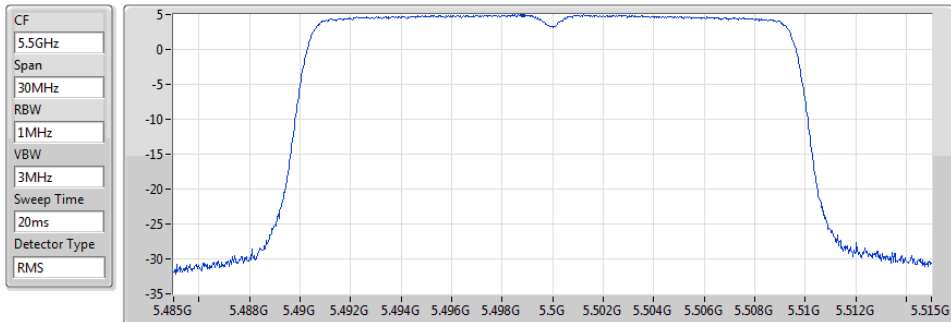
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.81	6.81	6.81

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5500MHz

26/10/2019



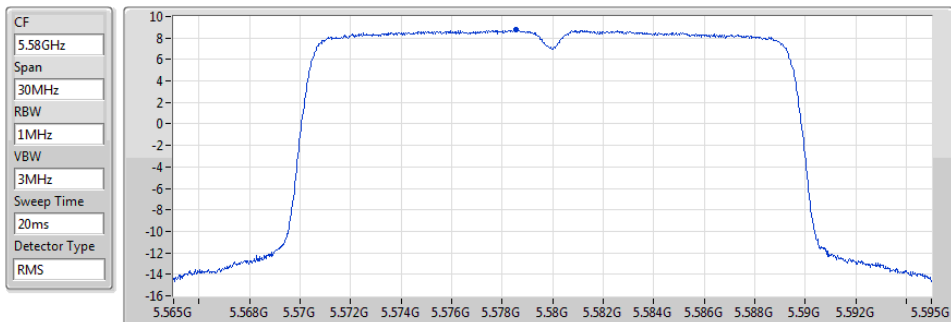
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.96	4.96	4.96

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5580MHz

26/10/2019



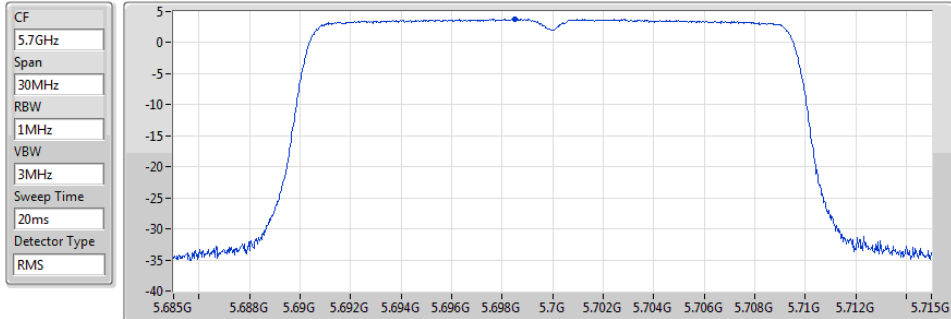
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.74	8.74	8.74

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5700MHz

26/10/2019



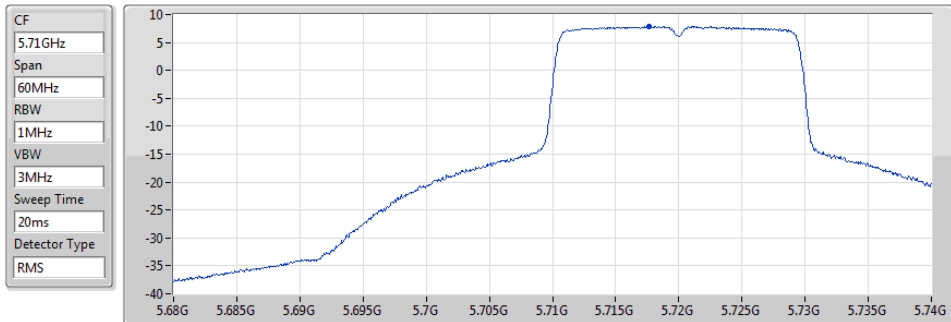
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
3.77	3.77	3.77

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

26/10/2019



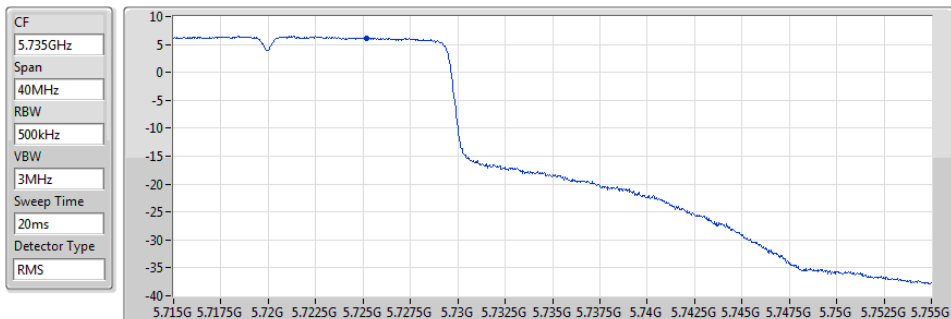
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
7.83	7.83	7.83

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

26/10/2019



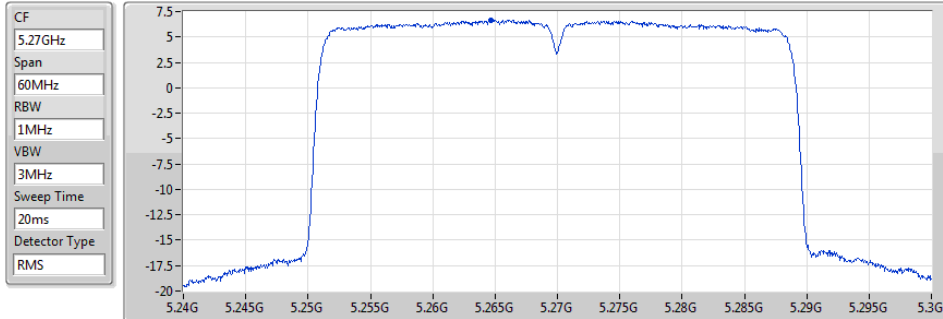
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
6.12	6.12	6.12

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5270MHz

26/10/2019



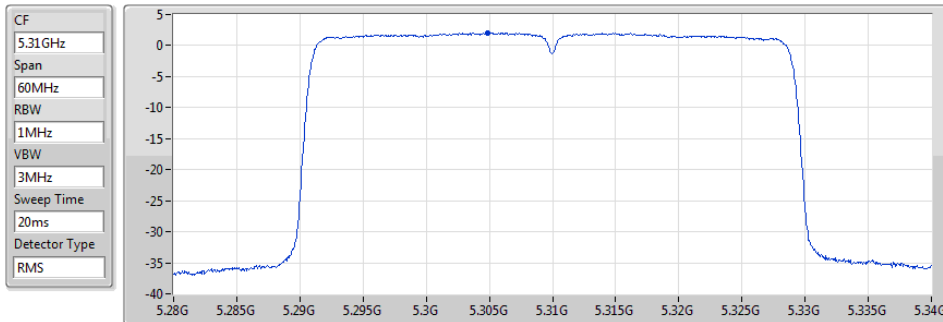
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.65	6.65	6.65

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5310MHz

26/10/2019



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

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5510MHz

26/10/2019



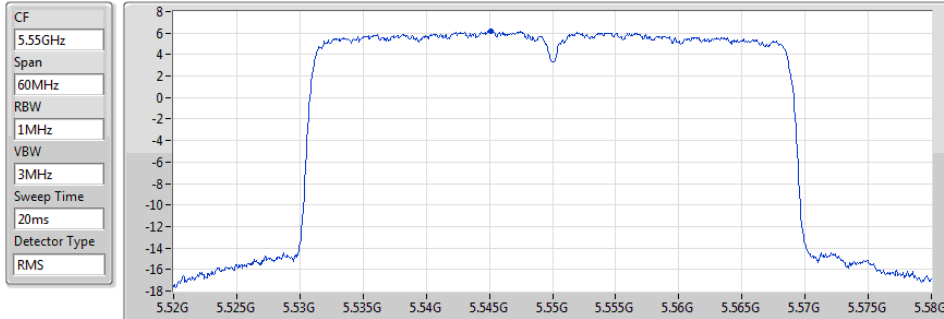
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.86	0.86	0.86

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5550MHz

26/10/2019



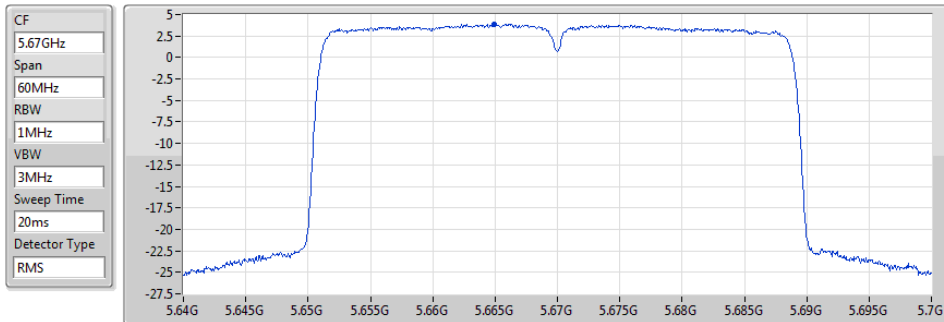
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.20	6.20	6.20

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5670MHz

26/10/2019



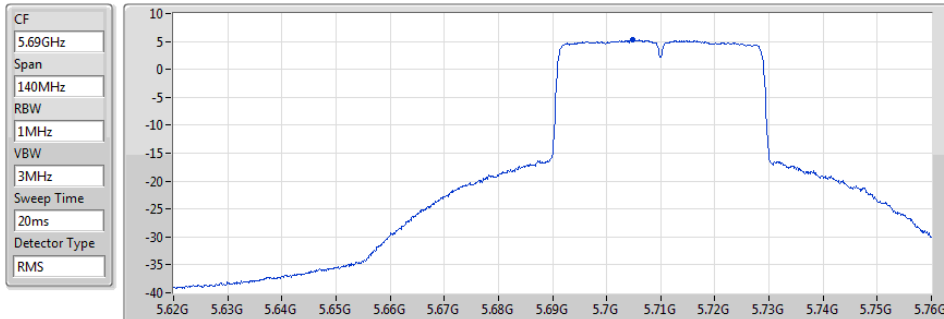
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.90	3.90	3.90

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

26/10/2019



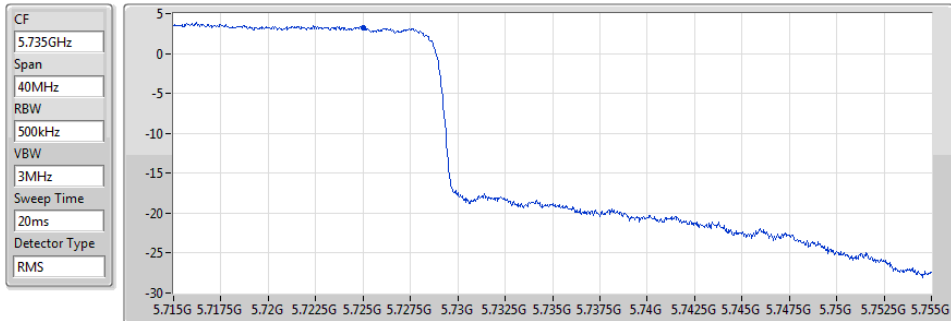
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.28	5.28	5.28

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.725-5.85GHz

26/10/2019



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

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5290MHz

26/10/2019



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.58	-0.58	-0.58

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5530MHz

26/10/2019



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.93	-1.93	-1.93

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5610MHz

26/10/2019



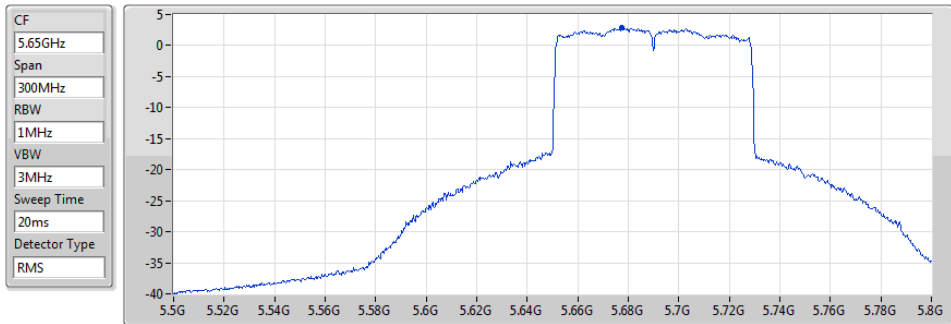
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.57	2.57	2.57

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.47-5.725GHz

26/10/2019



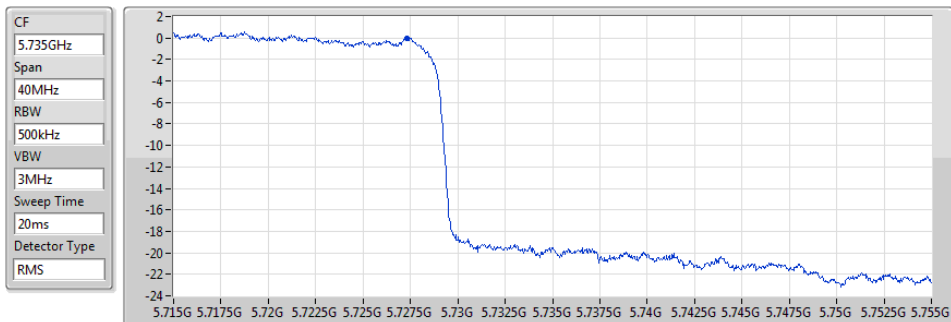
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.82	2.82	2.82

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.725-5.85GHz

26/10/2019



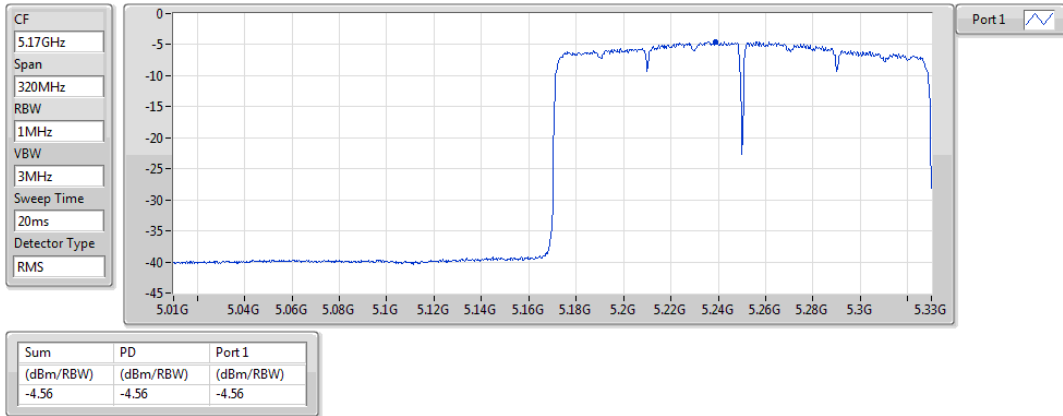
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.00	0.00	0.00

802.11ax HEW160_Nss1,(MCS0)_1TX

PSD

5250MHz Straddle 5.15-5.25GHz

26/10/2019

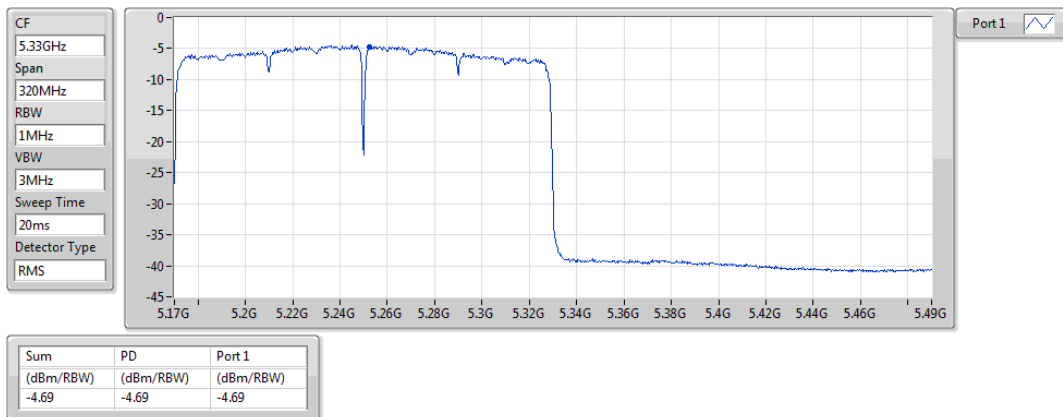


802.11ax HEW160_Nss1,(MCS0)_1TX

PSD

5250MHz Straddle 5.25-5.35GHz

26/10/2019

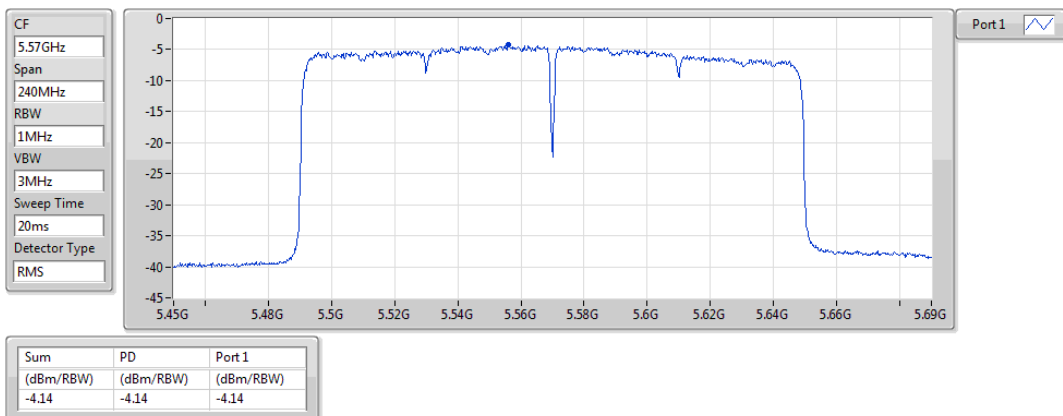


802.11ax HEW160_Nss1,(MCS0)_1TX

PSD

5570MHz

27/10/2019



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT160_Nss2,(MCS0)_2TX	-4.41
802.11ax HEW160_Nss2,(MCS0)_2TX	-4.36
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	8.59
802.11ac VHT20_Nss2,(MCS0)_2TX	10.49
802.11ac VHT40_Nss2,(MCS0)_2TX	7.58
802.11ac VHT80_Nss2,(MCS0)_2TX	-0.22
802.11ac VHT160_Nss2,(MCS0)_2TX	-4.39
802.11ax HEW20_Nss2,(MCS0)_2TX	10.40
802.11ax HEW40_Nss2,(MCS0)_2TX	7.63
802.11ax HEW80_Nss2,(MCS0)_2TX	-0.18
802.11ax HEW160_Nss2,(MCS0)_2TX	-4.28
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	8.55
802.11ac VHT20_Nss2,(MCS0)_2TX	10.45
802.11ac VHT40_Nss2,(MCS0)_2TX	7.77
802.11ac VHT80_Nss2,(MCS0)_2TX	5.08
802.11ac VHT160_Nss2,(MCS0)_2TX	-3.36
802.11ax HEW20_Nss2,(MCS0)_2TX	10.66
802.11ax HEW40_Nss2,(MCS0)_2TX	8.10
802.11ax HEW80_Nss2,(MCS0)_2TX	4.98
802.11ax HEW160_Nss2,(MCS0)_2TX	-3.45
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	6.49
802.11ac VHT20_Nss2,(MCS0)_2TX	8.91
802.11ac VHT40_Nss2,(MCS0)_2TX	5.81
802.11ac VHT80_Nss2,(MCS0)_2TX	2.66
802.11ax HEW20_Nss2,(MCS0)_2TX	8.74
802.11ax HEW40_Nss2,(MCS0)_2TX	5.99
802.11ax HEW80_Nss2,(MCS0)_2TX	-12.20

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)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	8.37	6.05	5.20	8.59	8.63
5300MHz	Pass	8.37	5.87	5.40	8.55	8.63
5320MHz	Pass	8.37	5.91	5.41	8.58	8.63
5500MHz	Pass	8.37	2.92	3.26	6.05	8.63
5580MHz	Pass	8.37	5.45	5.62	8.50	8.63
5700MHz	Pass	8.37	2.25	3.43	5.83	8.63
5720MHz Straddle 5.47-5.725GHz	Pass	8.37	5.15	6.13	8.55	8.63
5720MHz Straddle 5.725-5.85GHz	Pass	8.37	2.97	4.04	6.49	27.63
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	5.36	7.79	7.28	10.49	11.00
5300MHz	Pass	5.36	7.54	7.43	10.46	11.00
5320MHz	Pass	5.36	5.58	5.39	8.42	11.00
5500MHz	Pass	5.36	4.90	5.17	7.99	11.00
5580MHz	Pass	5.36	7.49	7.21	10.26	11.00
5700MHz	Pass	5.36	1.68	2.88	5.23	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.36	7.07	8.01	10.45	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.36	5.38	6.43	8.91	30.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	5.36	4.80	4.52	7.58	11.00
5310MHz	Pass	5.36	1.23	0.58	3.85	11.00
5510MHz	Pass	5.36	-2.11	-1.31	1.26	11.00
5550MHz	Pass	5.36	4.76	4.68	7.65	11.00
5670MHz	Pass	5.36	1.08	2.33	4.71	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.36	4.45	5.26	7.77	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.36	2.18	3.35	5.81	30.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	5.36	-2.94	-3.25	-0.22	11.00
5530MHz	Pass	5.36	-3.26	-2.54	-0.09	11.00
5610MHz	Pass	5.36	0.78	1.70	4.15	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.36	1.89	2.63	5.08	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.36	-1.14	0.42	2.66	30.00
802.11ac VHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.36	-7.38	-7.24	-4.41	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.36	-7.57	-7.13	-4.39	11.00
5570MHz	Pass	5.36	-6.36	-6.26	-3.36	11.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	5.36	7.70	7.14	10.40	11.00
5300MHz	Pass	5.36	7.47	7.30	10.37	11.00
5320MHz	Pass	5.36	5.66	5.22	8.39	11.00
5500MHz	Pass	5.36	4.97	4.98	7.94	11.00
5580MHz	Pass	5.36	7.48	7.16	10.27	11.00
5700MHz	Pass	5.36	1.63	2.92	5.27	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.36	7.23	8.13	10.66	11.00



Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5720MHz Straddle 5.725-5.85GHz	Pass	5.36	5.21	6.26	8.74	30.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	5.36	4.83	4.54	7.63	11.00
5310MHz	Pass	5.36	1.19	0.67	3.85	11.00
5510MHz	Pass	5.36	-2.16	-1.26	1.25	11.00
5550MHz	Pass	5.36	4.82	4.80	7.73	11.00
5670MHz	Pass	5.36	1.18	2.46	4.88	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.36	4.76	5.61	8.10	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.36	2.48	3.53	5.99	30.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	5.36	-2.97	-3.24	-0.18	11.00
5530MHz	Pass	5.36	-3.07	-2.65	0.06	11.00
5610MHz	Pass	5.36	1.03	1.69	4.23	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.36	1.81	2.41	4.98	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.36	-15.71	-14.63	-12.20	30.00
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.36	-7.39	-7.06	-4.36	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.36	-7.25	-7.01	-4.28	11.00
5570MHz	Pass	5.36	-6.37	-6.48	-3.45	11.00

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

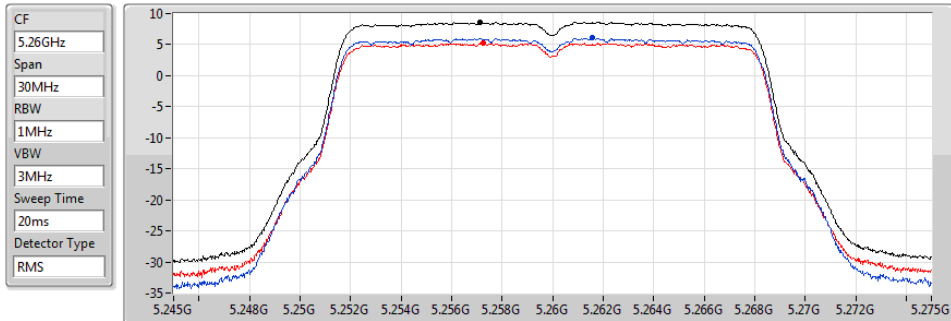
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

5260MHz

PSD

27/10/2019



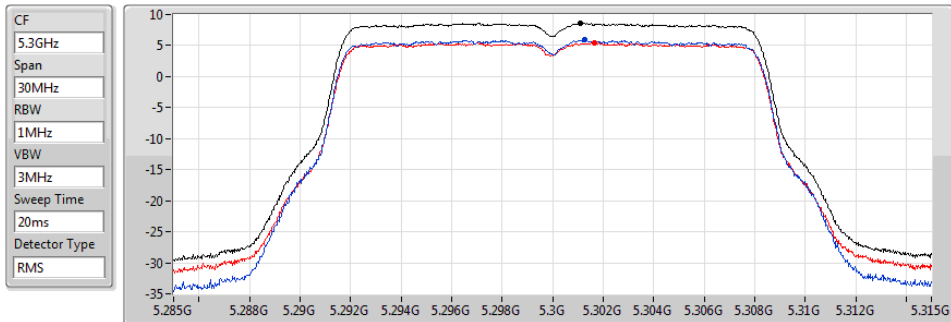
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.59	8.59	6.05	5.20

802.11a_Nss1,(6Mbps)_2TX

5300MHz

PSD

27/10/2019



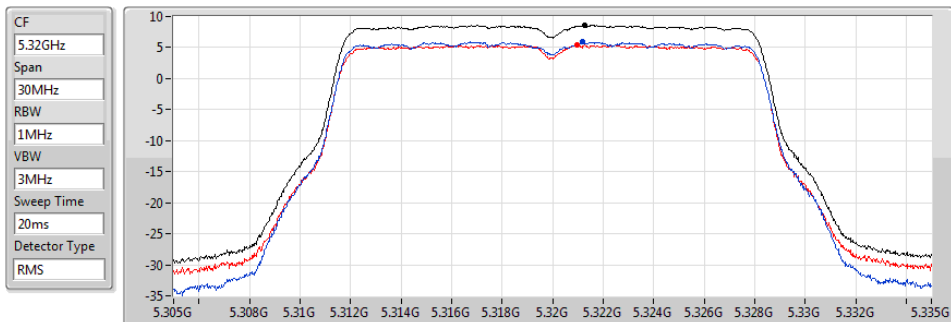
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.55	8.55	5.87	5.40

802.11a_Nss1,(6Mbps)_2TX

5320MHz

PSD

27/10/2019



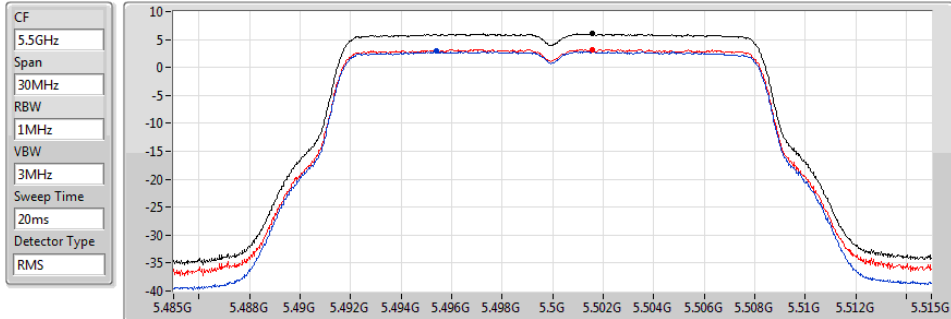
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.58	8.58	5.91	5.41

802.11a_Nss1,(6Mbps)_2TX

PSD

5500MHz

27/10/2019



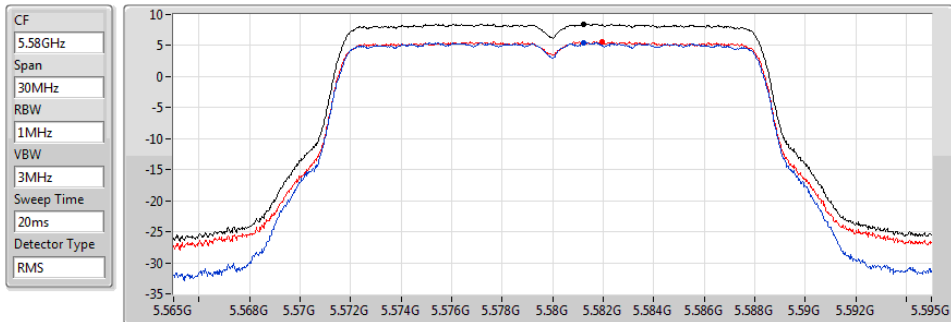
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.05	6.05	2.92	3.26

802.11a_Nss1,(6Mbps)_2TX

PSD

5580MHz

27/10/2019



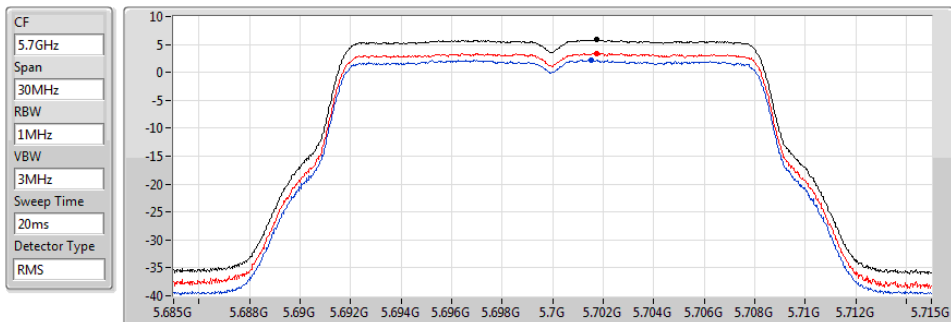
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.50	8.50	5.45	5.62

802.11a_Nss1,(6Mbps)_2TX

PSD

5700MHz

27/10/2019



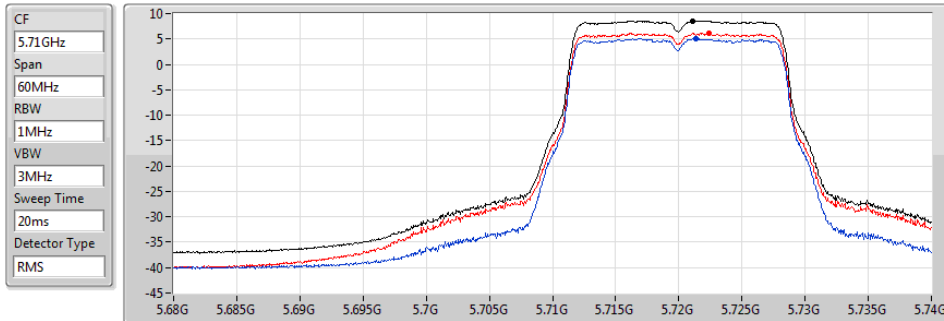
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.83	5.83	2.25	3.43

802.11a_Nss1,(6Mbps)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

27/10/2019



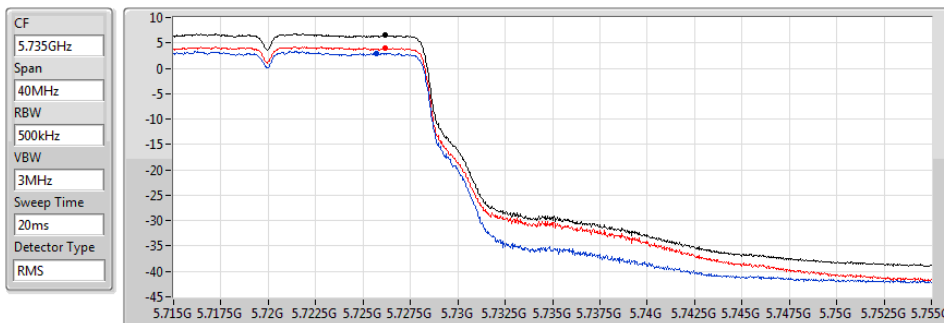
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.55	8.55	5.15	6.13

802.11a_Nss1,(6Mbps)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

27/10/2019



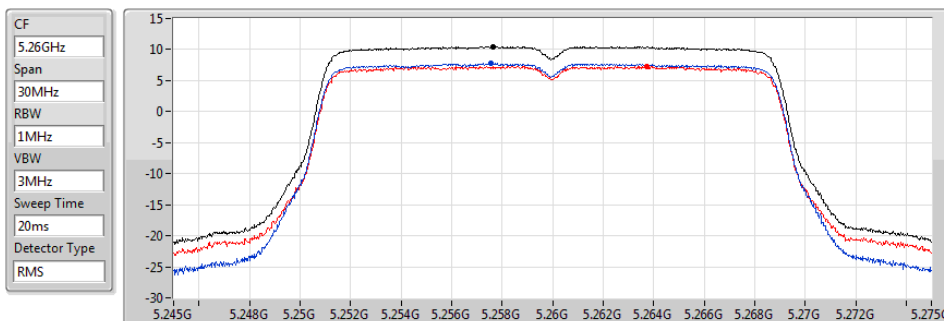
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.49	6.49	2.97	4.04

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5260MHz

27/10/2019



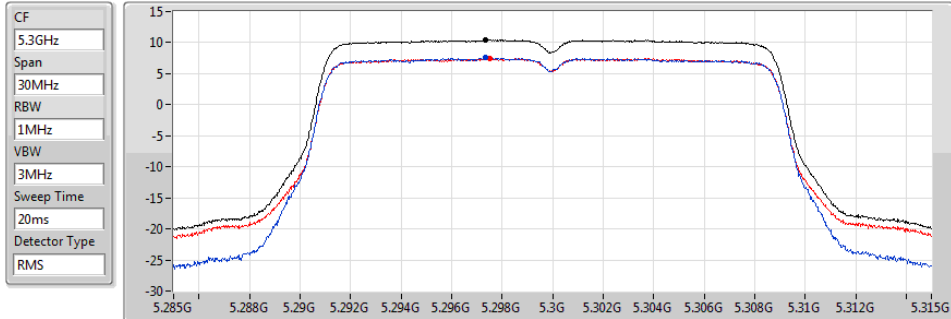
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.49	10.49	7.79	7.28

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5300MHz

27/10/2019



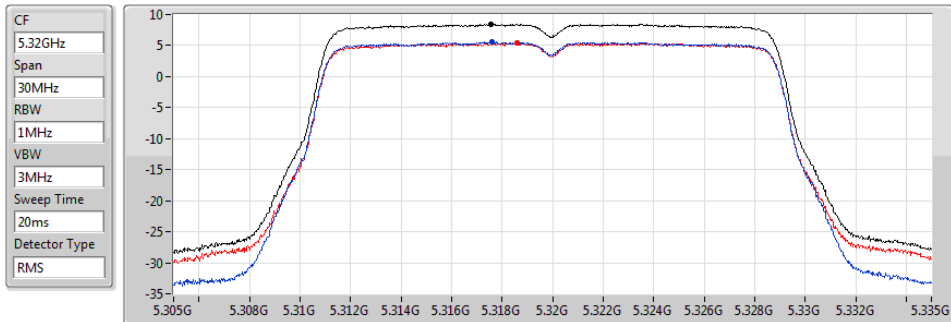
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.46	10.46	7.54	7.43

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5320MHz

27/10/2019



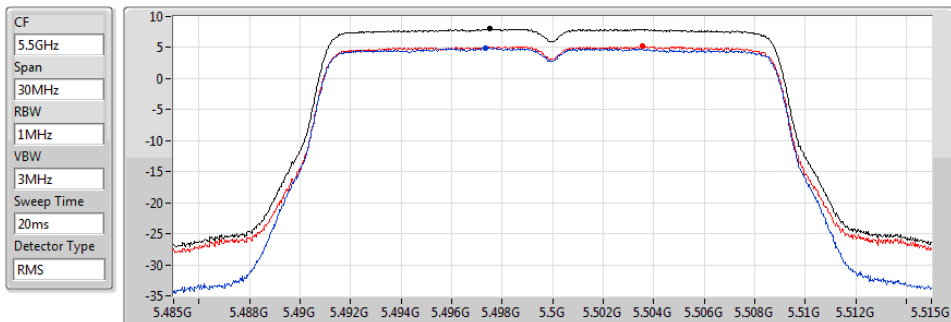
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.42	8.42	5.58	5.39

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5500MHz

27/10/2019



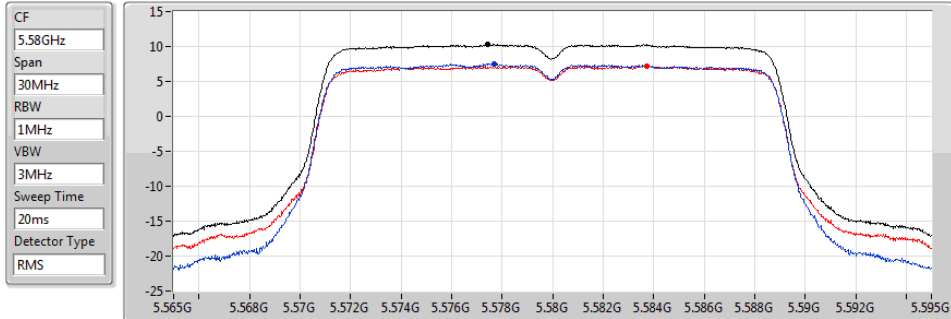
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.99	7.99	4.90	5.17

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5580MHz

27/10/2019



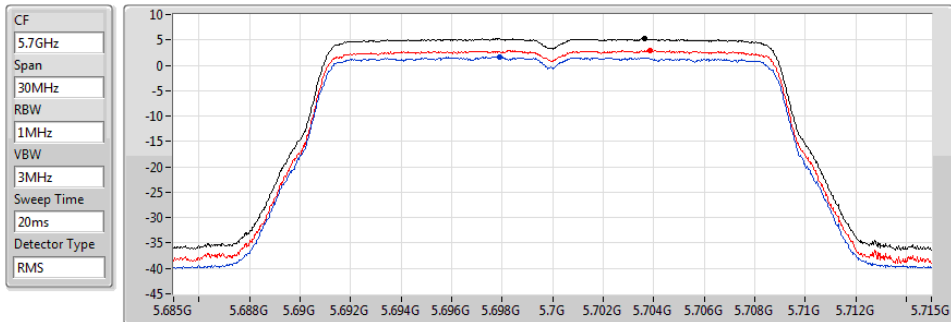
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.26	10.26	7.49	7.21

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5700MHz

27/10/2019



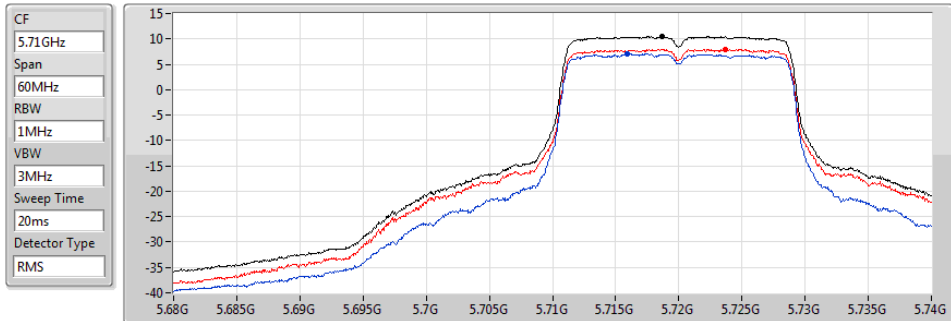
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.23	5.23	1.68	2.88

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

27/10/2019



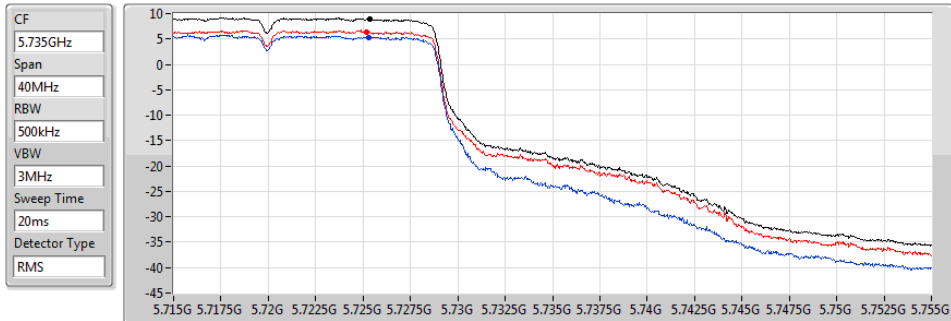
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.45	10.45	7.07	8.01

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

27/10/2019



Sum
Port 1
Port 2

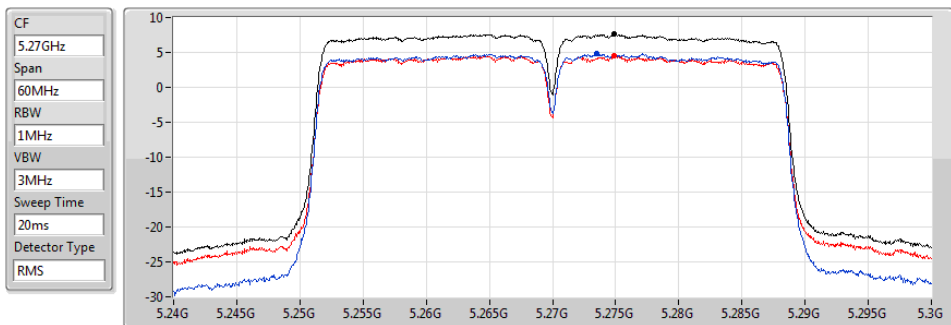
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.91	8.91	5.38	6.43

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5270MHz

27/10/2019



Sum
Port 1
Port 2

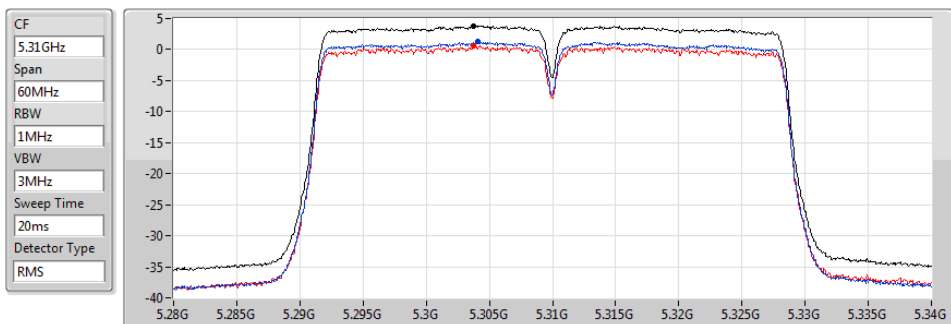
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.58	7.58	4.80	4.52

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5310MHz

27/10/2019



Sum
Port 1
Port 2

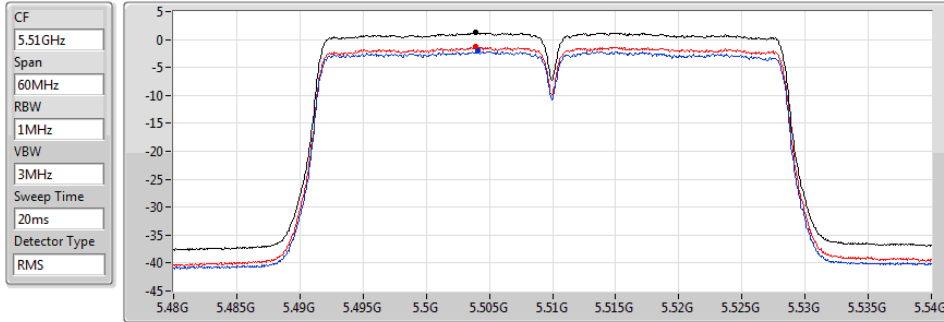
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.85	3.85	1.23	0.58

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5510MHz

27/10/2019



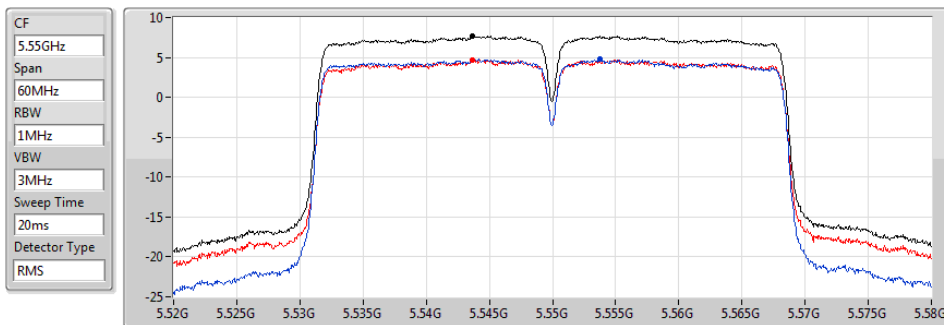
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.26	1.26	-2.11	-1.31

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5550MHz

27/10/2019



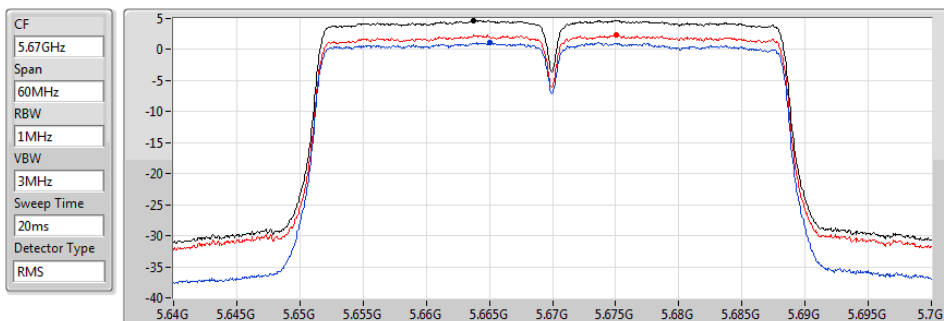
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.65	7.65	4.76	4.68

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5670MHz

27/10/2019



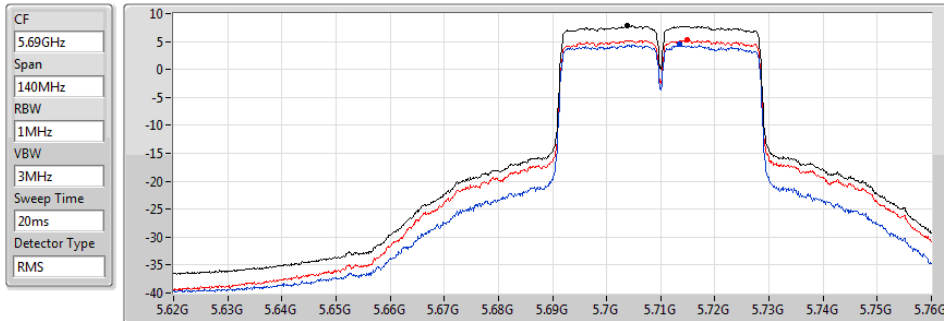
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.71	4.71	1.08	2.33

802.11ac VHT40_Nss2,(MCS0)_2TX

5710MHz Straddle 5.47-5.725GHz

PSD

27/10/2019



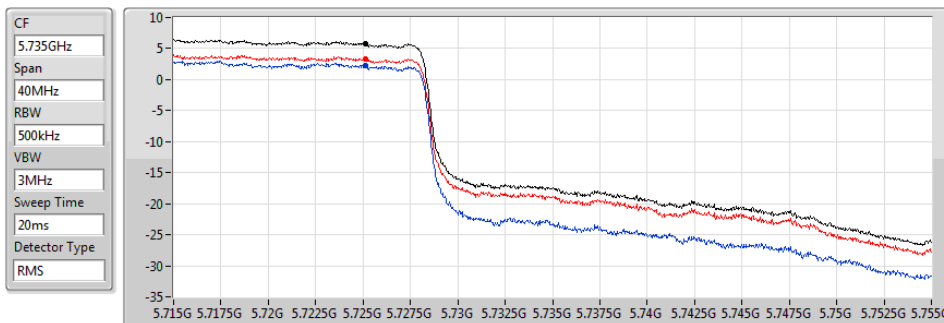
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.77	7.77	4.45	5.26

802.11ac VHT40_Nss2,(MCS0)_2TX

5710MHz Straddle 5.725-5.85GHz

PSD

27/10/2019



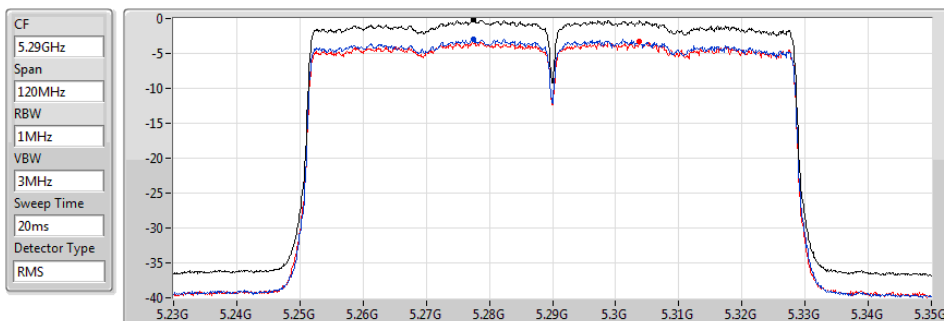
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.81	5.81	2.18	3.35

802.11ac VHT80_Nss2,(MCS0)_2TX

5290MHz

PSD

27/10/2019



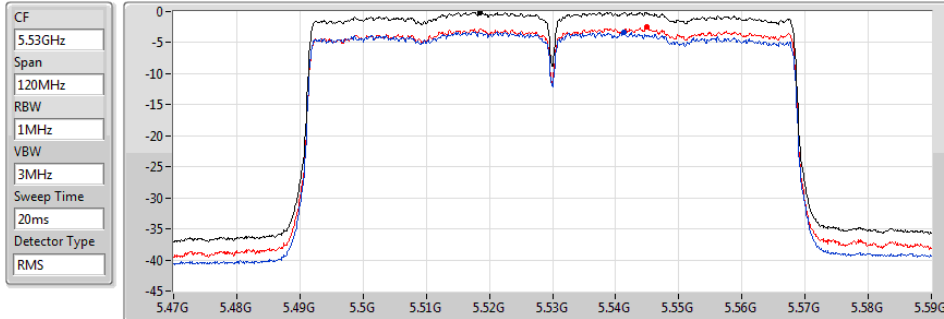
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.22	-0.22	-2.94	-3.25

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5530MHz

27/10/2019



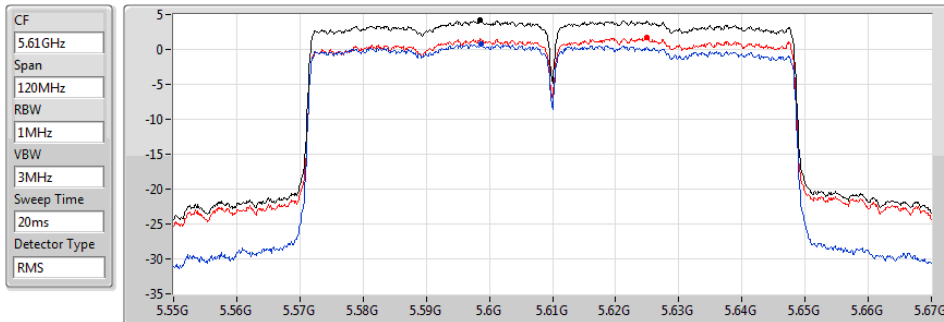
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.09	-0.09	-3.26	-2.54

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5610MHz

27/10/2019



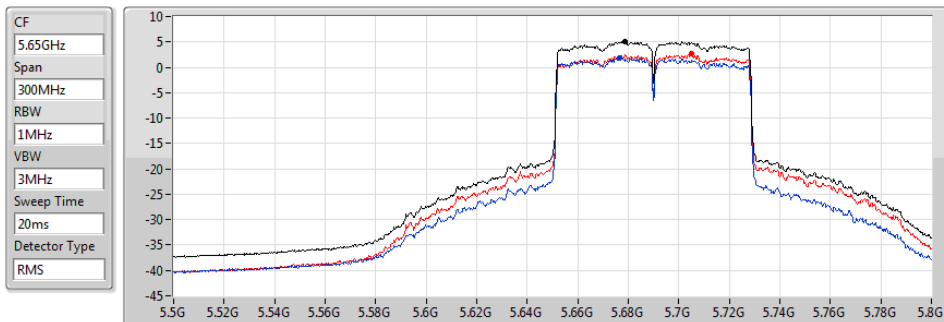
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.15	4.15	0.78	1.70

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

27/10/2019



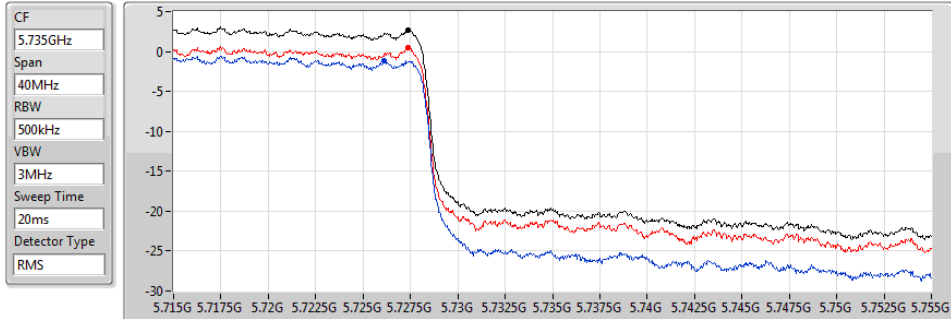
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.08	5.08	1.89	2.63

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

27/10/2019



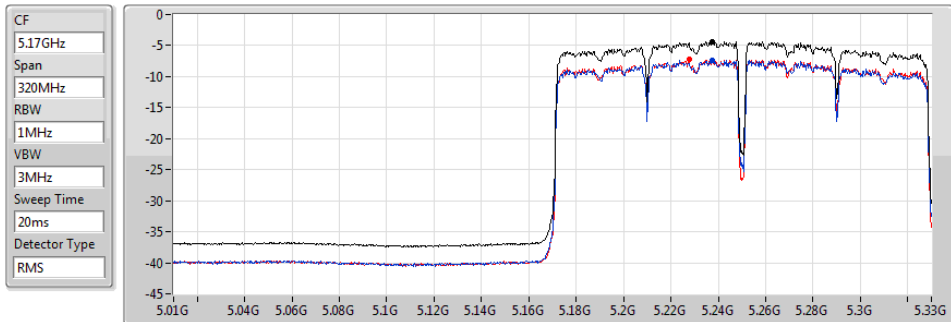
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.66	2.66	-1.14	0.42

802.11ac VHT160_Nss2,(MCS0)_2TX

PSD

5250MHz Straddle 5.15-5.25GHz

27/10/2019



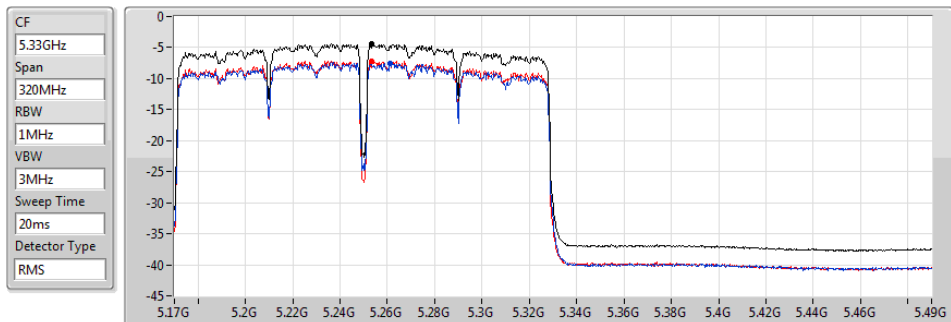
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.41	-4.41	-7.38	-7.24

802.11ac VHT160_Nss2,(MCS0)_2TX

PSD

5250MHz Straddle 5.25-5.35GHz

27/10/2019



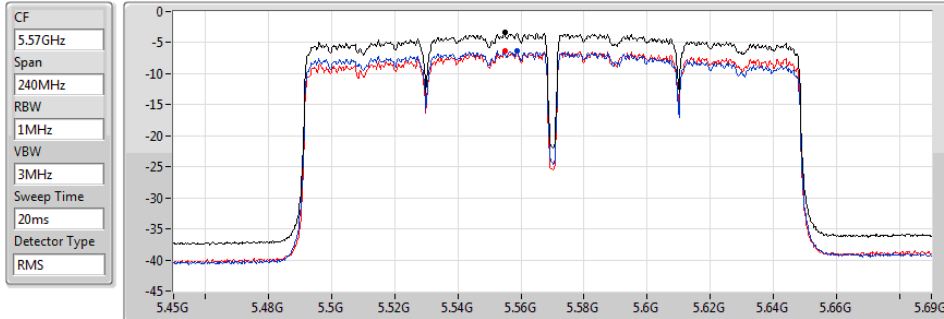
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.39	-4.39	-7.57	-7.13

802.11ac VHT160_Nss2,(MCS0)_2TX

PSD

5570MHz

27/10/2019



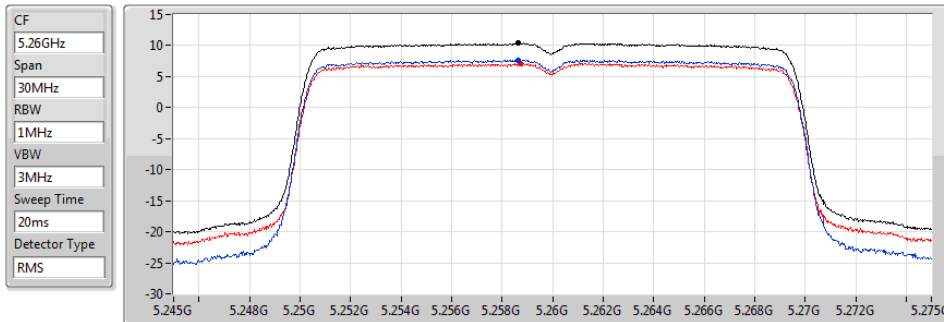
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.36	-3.36	-6.36	-6.26

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5260MHz

27/10/2019



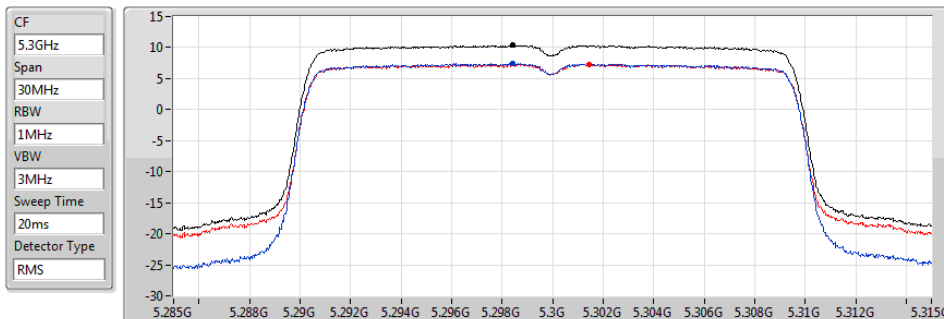
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.40	10.40	7.70	7.14

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5300MHz

27/10/2019



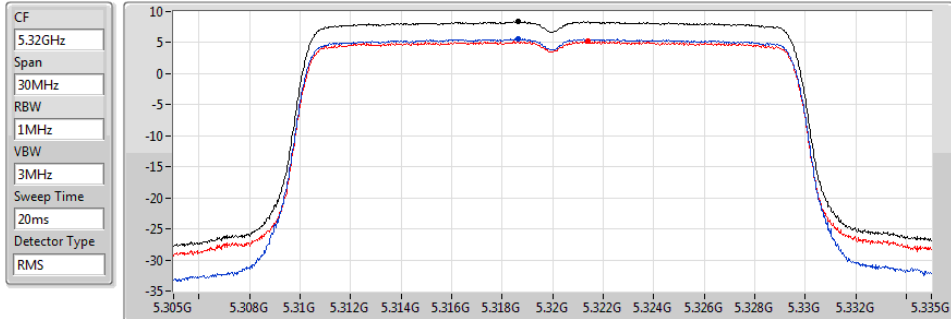
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.37	10.37	7.47	7.30

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5320MHz

27/10/2019



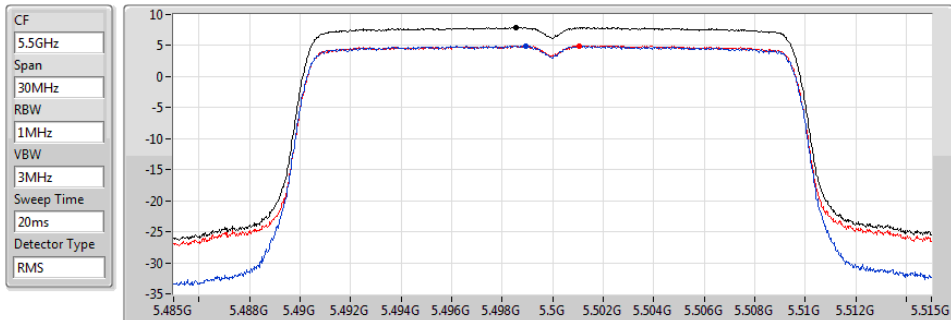
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.39	8.39	5.66	5.22

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5500MHz

27/10/2019



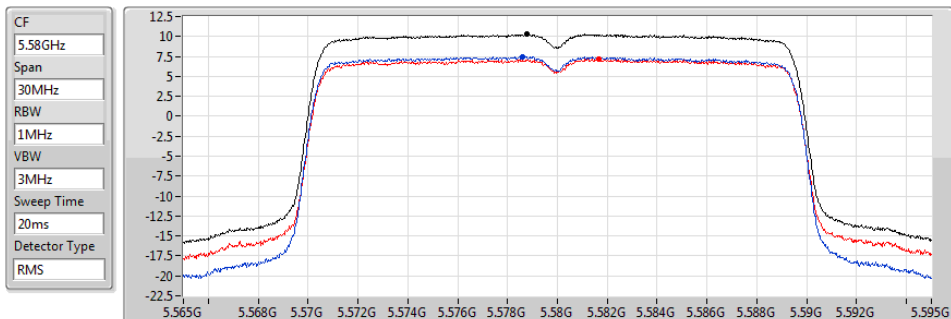
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.94	7.94	4.97	4.98

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5580MHz

27/10/2019



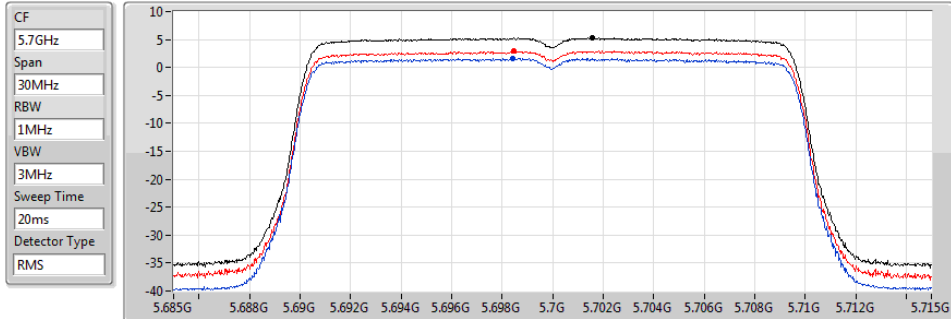
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.27	10.27	7.48	7.16

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5700MHz

27/10/2019



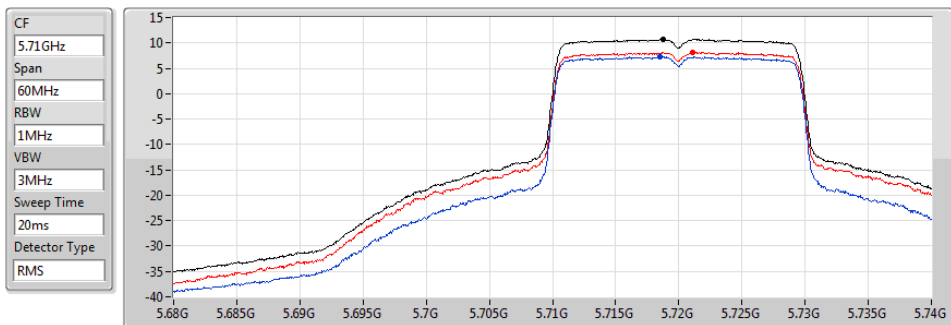
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.27	5.27	1.63	2.92

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

27/10/2019



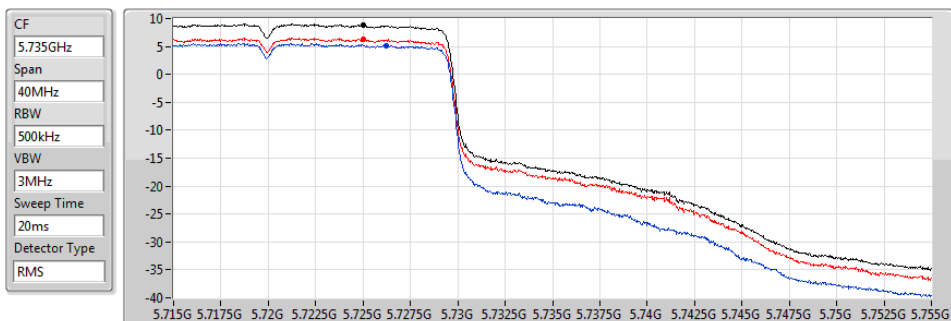
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.66	10.66	7.23	8.13

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

27/10/2019



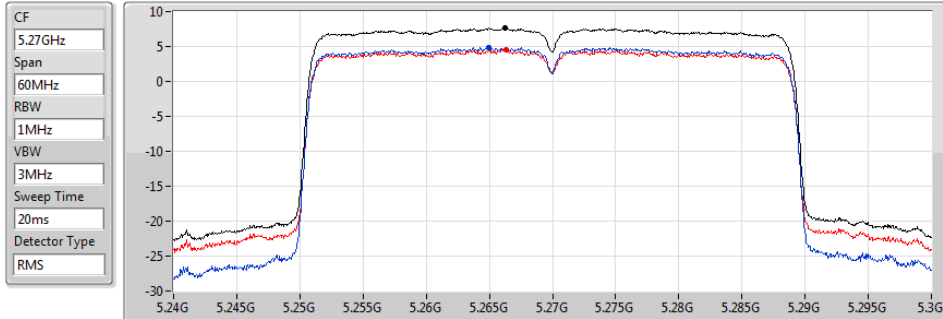
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.74	8.74	5.21	6.26

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5270MHz

27/10/2019



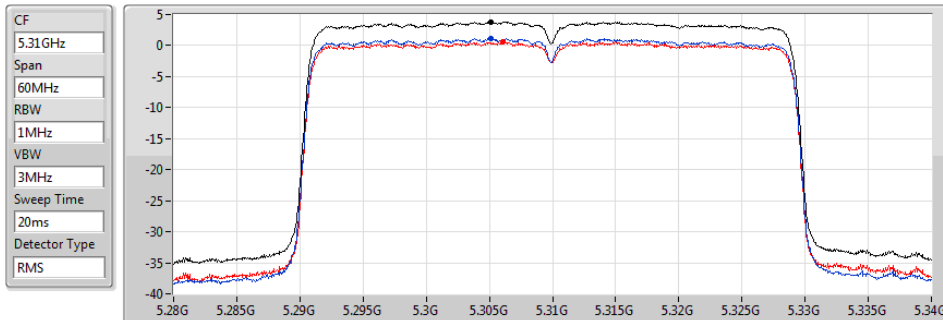
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.63	7.63	4.83	4.54

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5310MHz

27/10/2019



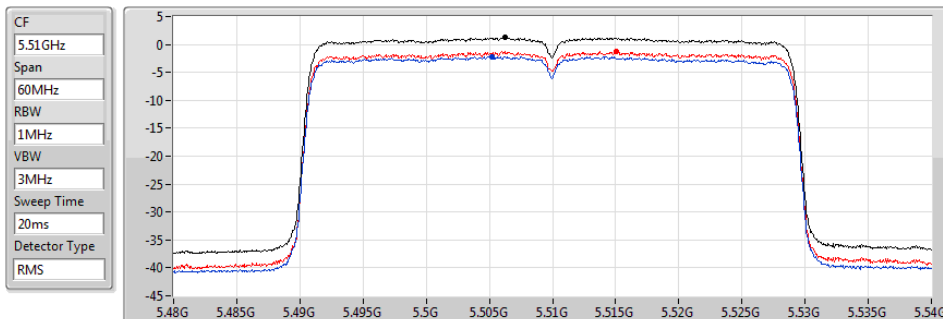
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.85	3.85	1.19	0.67

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5510MHz

27/10/2019



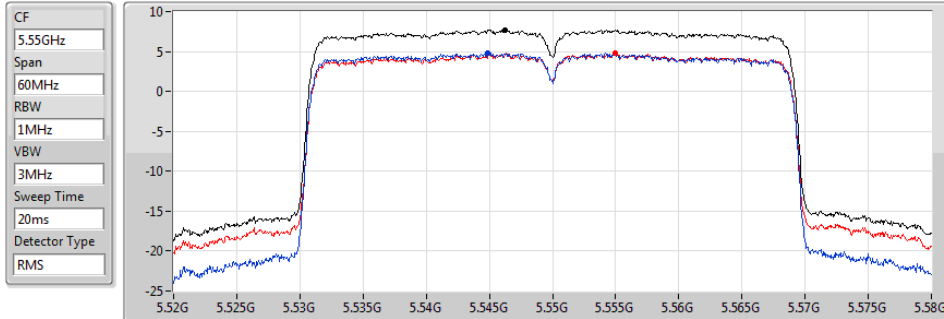
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.25	1.25	-2.16	-1.26

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5550MHz

27/10/2019



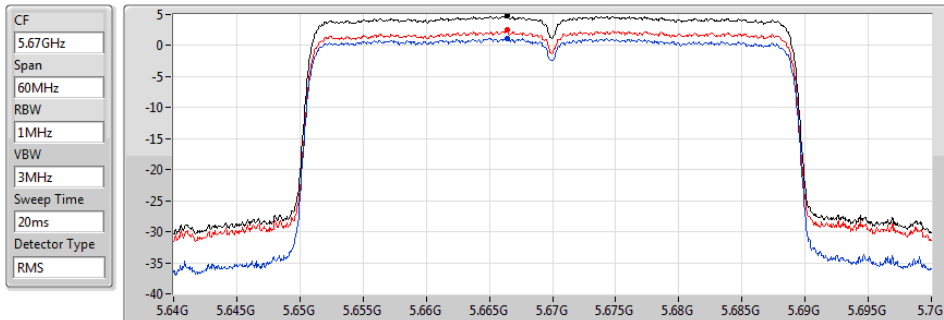
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.73	7.73	4.82	4.80

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5670MHz

27/10/2019



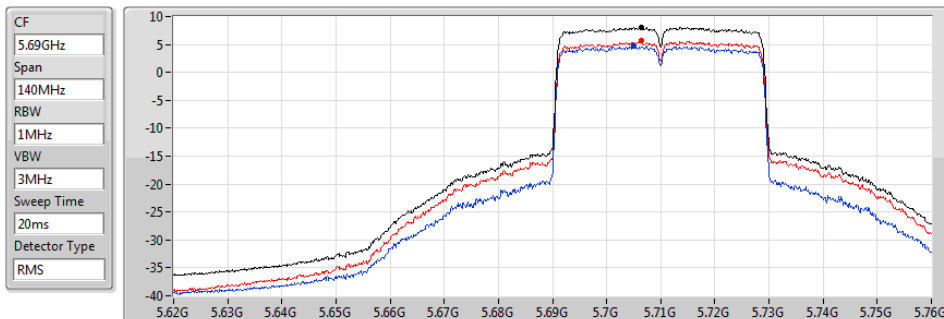
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.88	4.88	1.18	2.46

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

27/10/2019



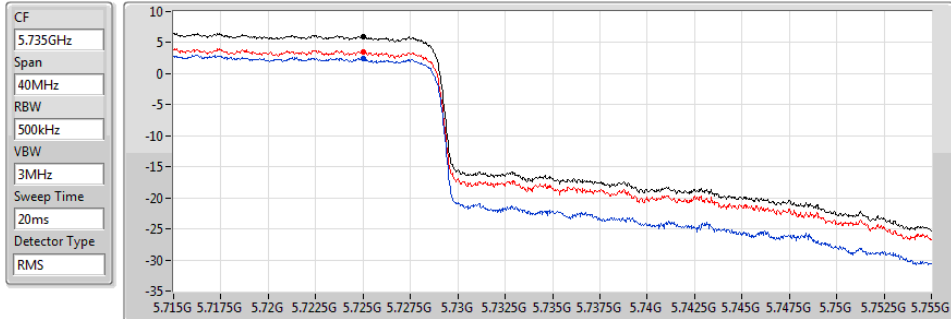
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.10	8.10	4.76	5.61

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

27/10/2019



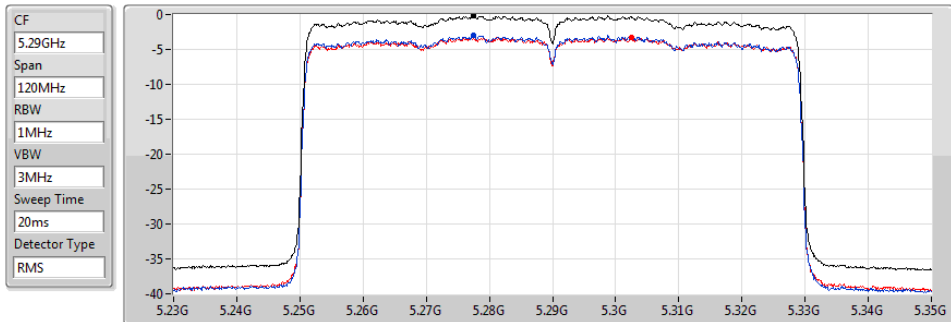
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.99	5.99	2.48	3.53

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5290MHz

27/10/2019



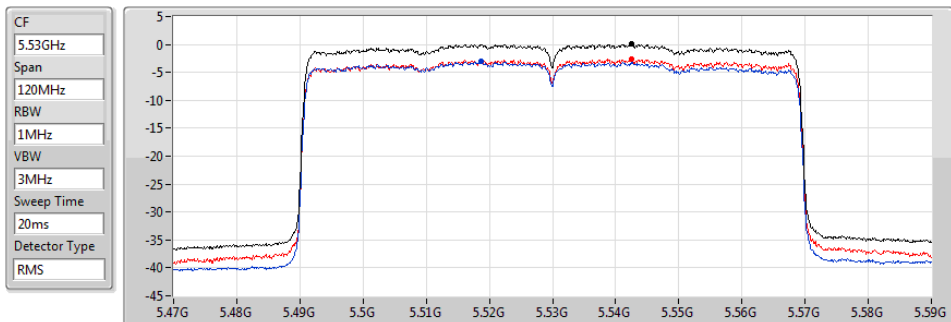
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.18	-0.18	-2.97	-3.24

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5530MHz

27/10/2019



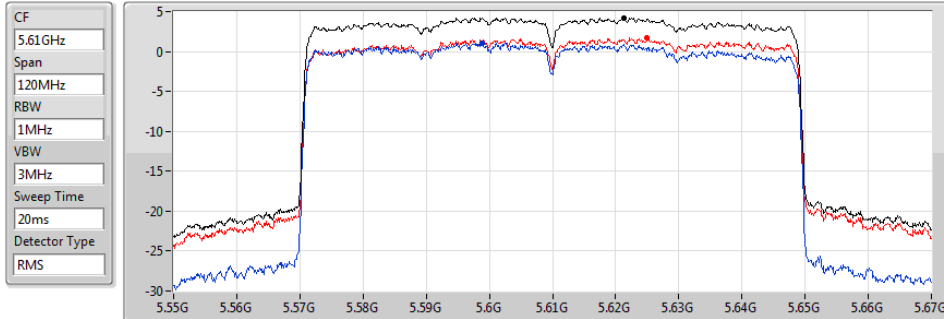
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.06	0.06	-3.07	-2.65

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5610MHz

27/10/2019



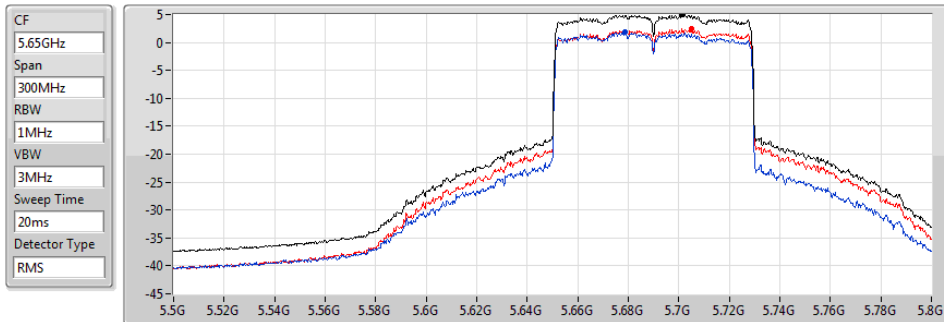
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.23	4.23	1.03	1.69

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

27/10/2019



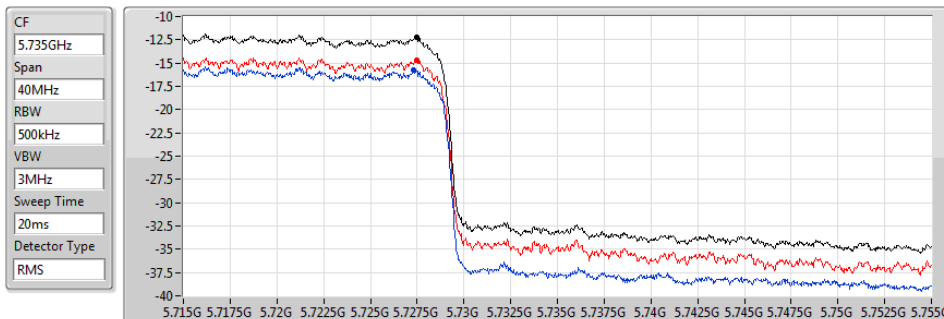
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.98	4.98	1.81	2.41

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

27/10/2019



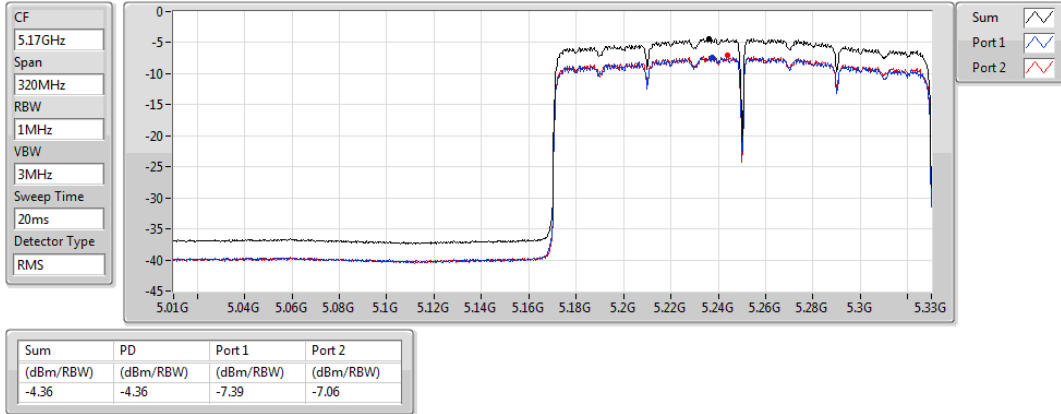
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.20	-12.20	-15.71	-14.63

802.11ax HEW160_Nss2,(MCS0)_2TX

PSD

5250MHz Straddle 5.15-5.25GHz

27/10/2019

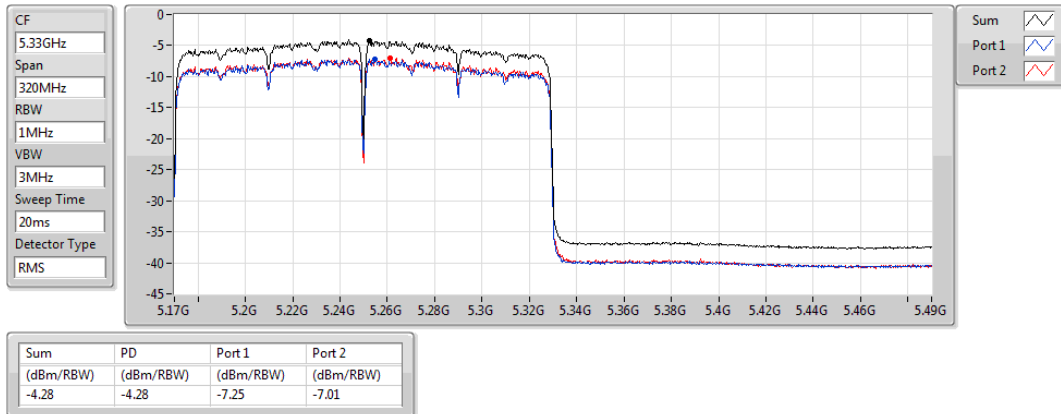


802.11ax HEW160_Nss2,(MCS0)_2TX

PSD

5250MHz Straddle 5.25-5.35GHz

27/10/2019

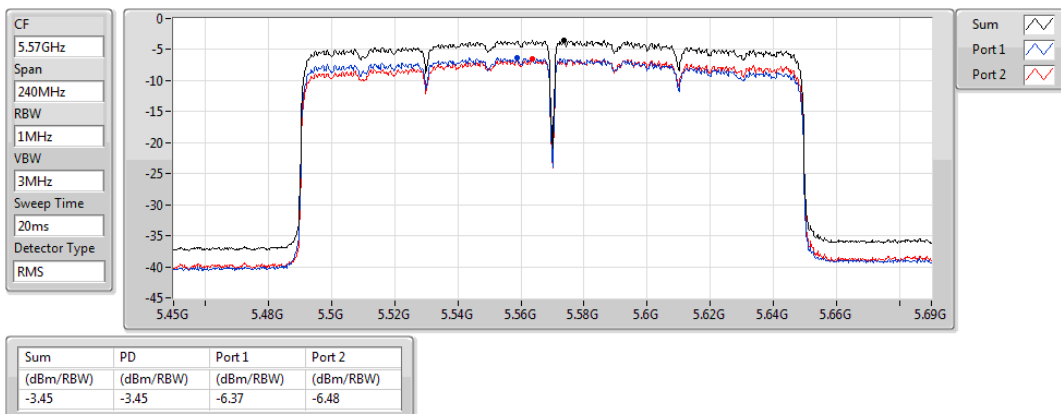


802.11ax HEW160_Nss2,(MCS0)_2TX

PSD

5570MHz

27/10/2019



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT160_Nss1,(MCS0)_4TX	-1.68
802.11ax HEW160_Nss1,(MCS0)_4TX	-1.59
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	5.58
802.11ac VHT20_Nss1,(MCS0)_4TX	5.59
802.11ac VHT40_Nss1,(MCS0)_4TX	5.59
802.11ac VHT80_Nss1,(MCS0)_4TX	2.16
802.11ac VHT160_Nss1,(MCS0)_4TX	-1.71
802.11ax HEW20_Nss1,(MCS0)_4TX	5.57
802.11ax HEW40_Nss1,(MCS0)_4TX	5.57
802.11ax HEW80_Nss1,(MCS0)_4TX	2.42
802.11ax HEW160_Nss1,(MCS0)_4TX	-1.57
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	5.60
802.11ac VHT20_Nss1,(MCS0)_4TX	5.58
802.11ac VHT40_Nss1,(MCS0)_4TX	5.56
802.11ac VHT80_Nss1,(MCS0)_4TX	5.15
802.11ac VHT160_Nss1,(MCS0)_4TX	0.16
802.11ax HEW20_Nss1,(MCS0)_4TX	5.54
802.11ax HEW40_Nss1,(MCS0)_4TX	5.60
802.11ax HEW80_Nss1,(MCS0)_4TX	5.21
802.11ax HEW160_Nss1,(MCS0)_4TX	0.11
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	3.99
802.11ac VHT20_Nss1,(MCS0)_4TX	3.89
802.11ac VHT40_Nss1,(MCS0)_4TX	3.52
802.11ac VHT80_Nss1,(MCS0)_4TX	1.91
802.11ax HEW20_Nss1,(MCS0)_4TX	3.79
802.11ax HEW40_Nss1,(MCS0)_4TX	3.42
802.11ax HEW80_Nss1,(MCS0)_4TX	2.20

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)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	11.38	-0.17	-1.46	-0.05	-0.02	5.55	5.62
5300MHz	Pass	11.38	-0.31	-1.17	-0.07	-0.01	5.56	5.62
5320MHz	Pass	11.38	-0.18	-1.01	-0.13	0.01	5.58	5.62
5500MHz	Pass	11.38	-0.28	0.15	-0.70	-0.58	5.59	5.62
5580MHz	Pass	11.38	-0.20	0.17	-0.88	-0.50	5.60	5.62
5700MHz	Pass	11.38	-0.40	0.53	-0.72	-0.83	5.58	5.62
5720MHz Straddle 5.47-5.725GHz	Pass	11.38	-0.46	0.62	-0.83	-0.78	5.57	5.62
5720MHz Straddle 5.725-5.85GHz	Pass	11.38	-2.18	-0.98	-2.44	-2.51	3.99	24.62
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	11.38	-0.17	-1.40	0.06	0.06	5.59	5.62
5300MHz	Pass	11.38	-0.25	-1.20	-0.06	-0.05	5.59	5.62
5320MHz	Pass	11.38	-0.29	-1.23	0.01	-0.01	5.58	5.62
5500MHz	Pass	11.38	-0.30	0.20	-0.60	-0.70	5.55	5.62
5580MHz	Pass	11.38	-0.46	-0.01	-0.69	-0.64	5.48	5.62
5700MHz	Pass	11.38	-0.72	0.59	-0.90	-0.92	5.52	5.62
5720MHz Straddle 5.47-5.725GHz	Pass	11.38	-0.65	0.62	-0.69	-0.85	5.58	5.62
5720MHz Straddle 5.725-5.85GHz	Pass	11.38	-2.21	-1.21	-2.57	-2.49	3.89	24.62
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	11.38	0.00	-1.42	-0.05	0.08	5.59	5.62
5310MHz	Pass	11.38	-0.00	-1.12	-0.27	-0.16	5.58	5.62
5510MHz	Pass	11.38	-1.01	-0.08	-0.92	-1.29	5.13	5.62
5550MHz	Pass	11.38	-0.61	0.29	-0.61	-0.83	5.51	5.62
5670MHz	Pass	11.38	-0.46	0.64	-0.99	-0.85	5.52	5.62
5710MHz Straddle 5.47-5.725GHz	Pass	11.38	-0.43	0.48	-0.90	-0.75	5.56	5.62
5710MHz Straddle 5.725-5.85GHz	Pass	11.38	-2.76	-1.56	-3.01	-2.54	3.52	24.62
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	11.38	-3.90	-4.44	-3.30	-3.47	2.16	5.62
5530MHz	Pass	11.38	-3.11	-2.47	-3.44	-4.70	2.57	5.62
5610MHz	Pass	11.38	-0.62	0.23	-1.25	-1.52	5.15	5.62
5690MHz Straddle 5.47-5.725GHz	Pass	11.38	-0.99	-0.35	-1.67	-1.88	4.73	5.62
5690MHz Straddle 5.725-5.85GHz	Pass	11.38	-3.98	-3.21	-4.39	-4.46	1.91	24.62
802.11ac VHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	11.38	-7.87	-7.37	-7.70	-7.29	-1.68	11.62
5250MHz Straddle 5.25-5.35GHz	Pass	11.38	-7.62	-7.60	-7.74	-7.51	-1.71	5.62
5570MHz	Pass	11.38	-5.33	-5.21	-6.38	-6.44	0.16	5.62
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	11.38	-0.24	-1.57	-0.04	0.08	5.56	5.62
5300MHz	Pass	11.38	-0.28	-1.30	-0.02	-0.14	5.57	5.62
5320MHz	Pass	11.38	-0.25	-1.15	-0.28	-0.09	5.48	5.62
5500MHz	Pass	11.38	-0.56	0.10	-0.92	-0.79	5.41	5.62
5580MHz	Pass	11.38	-0.38	-0.07	-0.95	-0.64	5.45	5.62
5700MHz	Pass	11.38	-0.61	0.63	-0.81	-0.93	5.54	5.62
5720MHz Straddle 5.47-5.725GHz	Pass	11.38	-0.60	0.43	-0.82	-0.82	5.54	5.62

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5720MHz Straddle 5.725-5.85GHz	Pass	11.38	-2.33	-1.23	-2.48	-2.65	3.79	24.62
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	11.38	-0.09	-1.33	-0.14	-0.11	5.55	5.62
5310MHz	Pass	11.38	-0.09	-1.05	-0.17	-0.15	5.57	5.62
5510MHz	Pass	11.38	-0.87	-0.34	-1.17	-1.31	5.01	5.62
5550MHz	Pass	11.38	-0.40	0.12	-0.75	-0.90	5.46	5.62
5670MHz	Pass	11.38	-0.61	0.66	-0.88	-0.73	5.60	5.62
5710MHz Straddle 5.47-5.725GHz	Pass	11.38	-0.42	0.57	-0.77	-0.68	5.59	5.62
5710MHz Straddle 5.725-5.85GHz	Pass	11.38	-2.88	-1.67	-2.88	-2.75	3.42	24.62
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	11.38	-3.72	-4.32	-3.13	-2.97	2.42	5.62
5530MHz	Pass	11.38	-2.93	-2.26	-3.03	-4.13	2.87	5.62
5610MHz	Pass	11.38	-0.48	0.23	-1.22	-1.44	5.21	5.62
5690MHz Straddle 5.47-5.725GHz	Pass	11.38	-0.88	-0.38	-1.80	-1.89	4.67	5.62
5690MHz Straddle 5.725-5.85GHz	Pass	11.38	-3.90	-2.93	-4.11	-4.27	2.20	24.62
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	11.38	-7.62	-7.11	-7.32	-7.71	-1.59	11.62
5250MHz Straddle 5.25-5.35GHz	Pass	11.38	-7.71	-7.48	-7.34	-7.37	-1.57	5.62
5570MHz	Pass	11.38	-5.25	-4.93	-6.42	-6.57	0.11	5.62

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

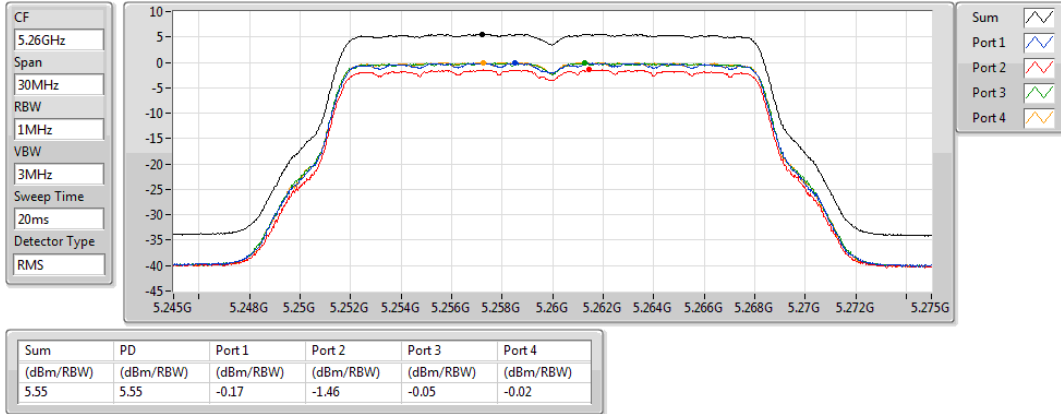
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

28/10/2019

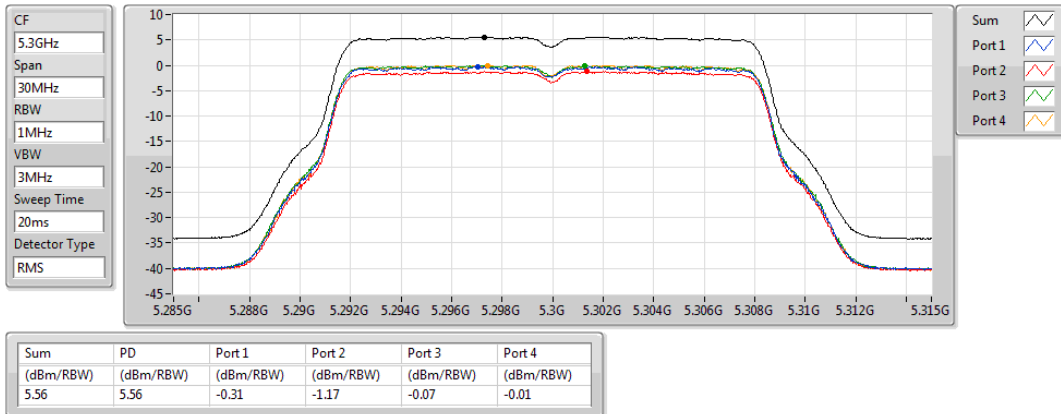


802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

28/10/2019

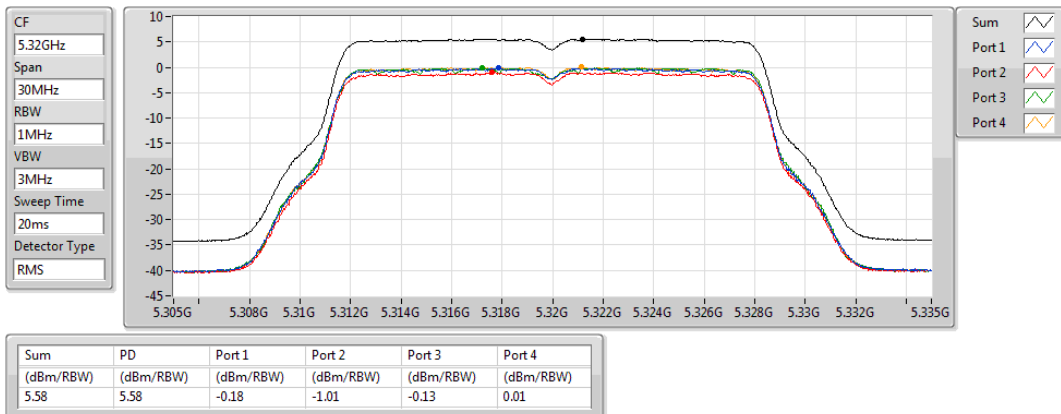


802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

28/10/2019

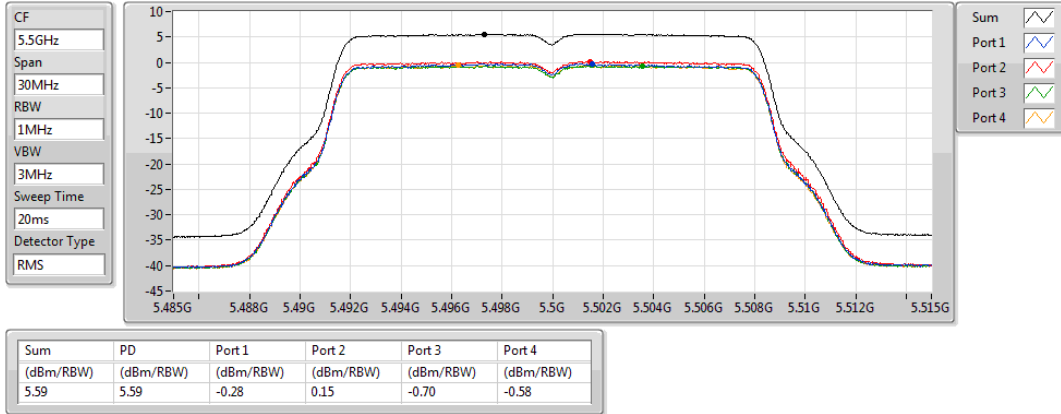


802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

28/10/2019

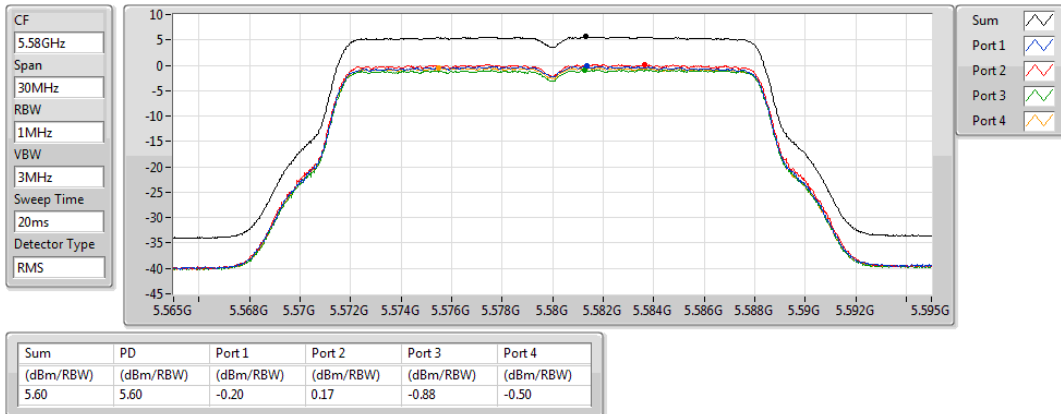


802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

28/10/2019

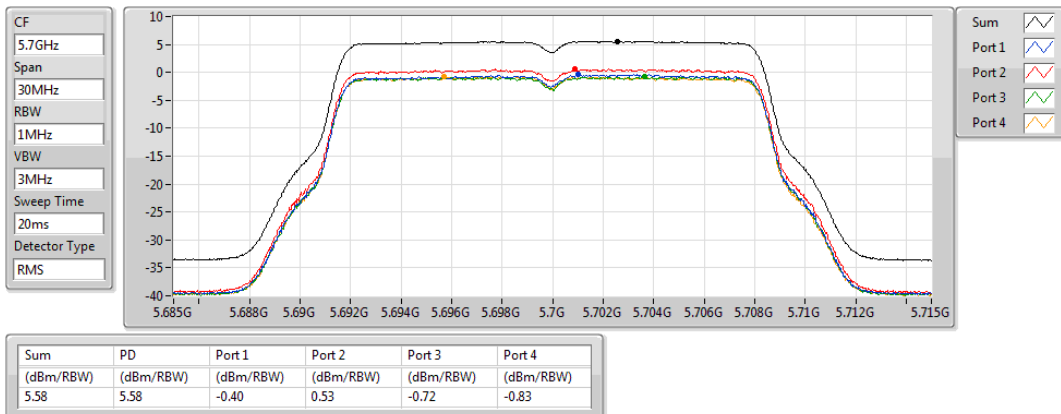


802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

28/10/2019

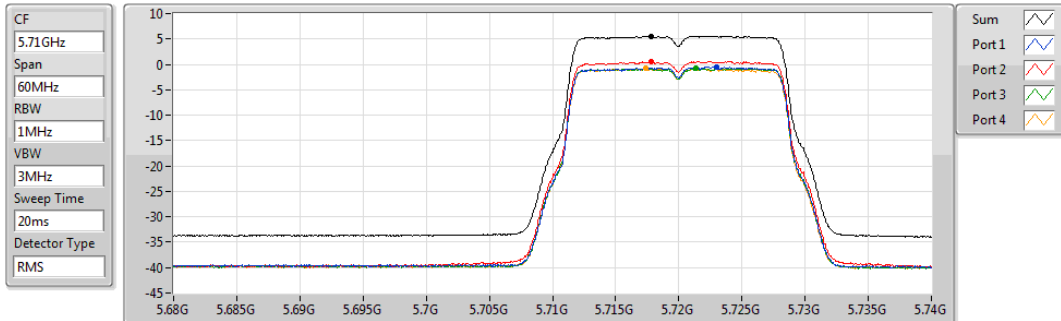


802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

28/10/2019



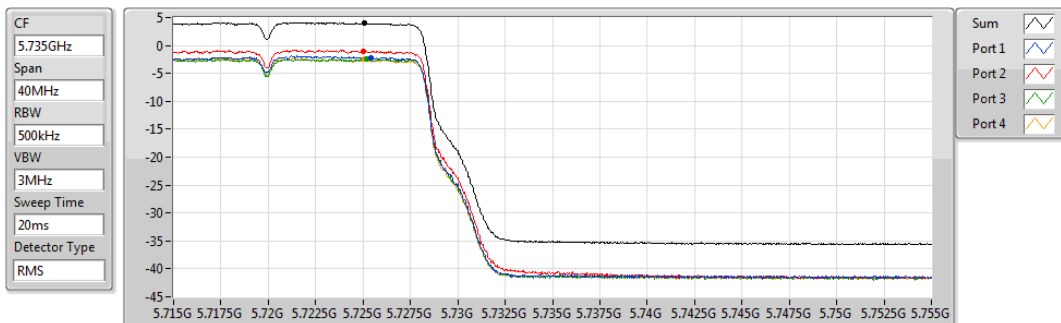
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.57	5.57	-0.46	0.62	-0.83	-0.78

802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

28/10/2019



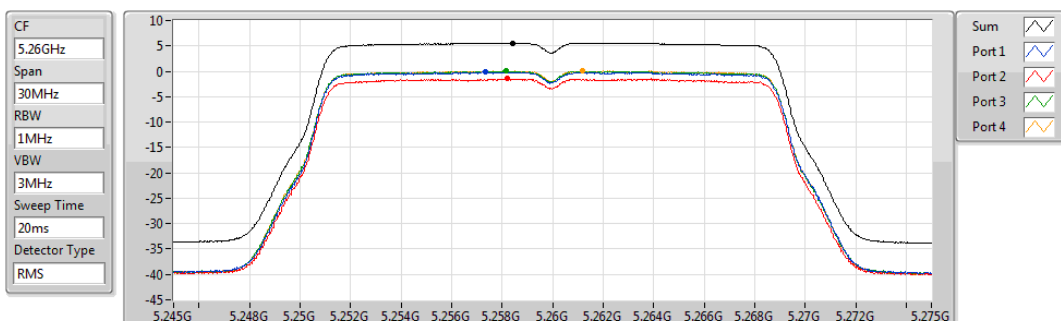
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.99	3.99	-2.18	-0.98	-2.44	-2.51

802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5260MHz

28/10/2019



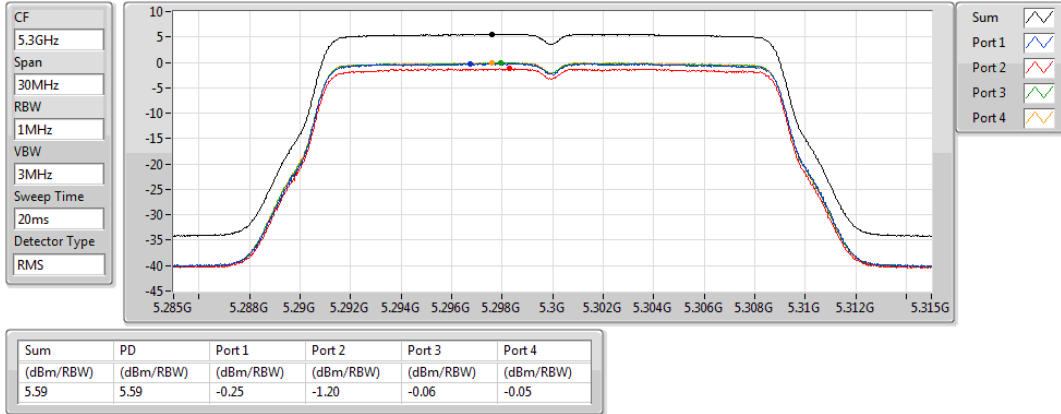
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.59	5.59	-0.17	-1.40	0.06	0.06

802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5300MHz

28/10/2019

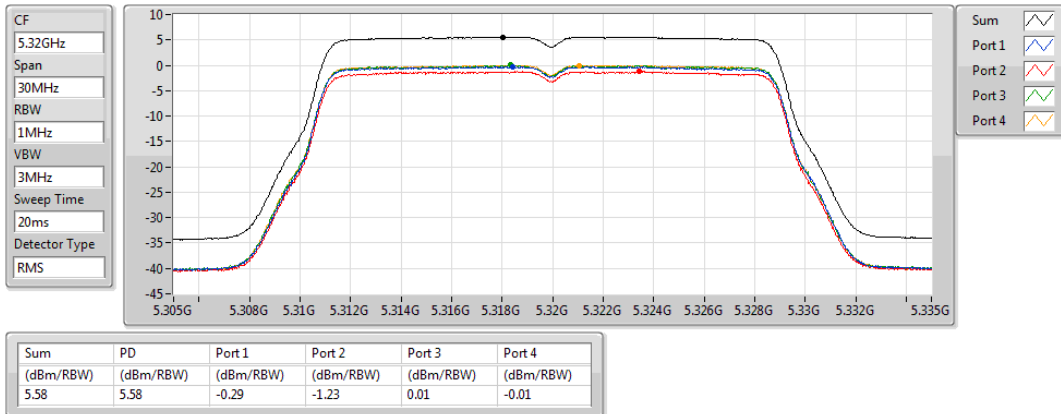


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5320MHz

28/10/2019

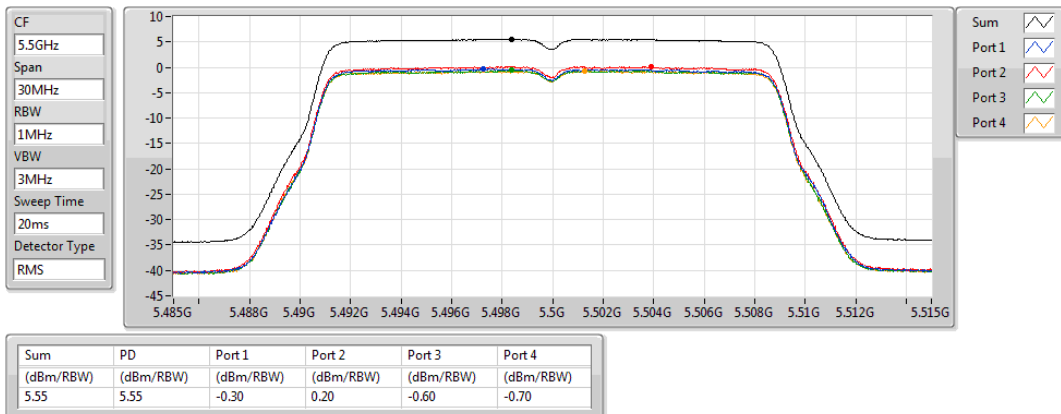


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5500MHz

28/10/2019

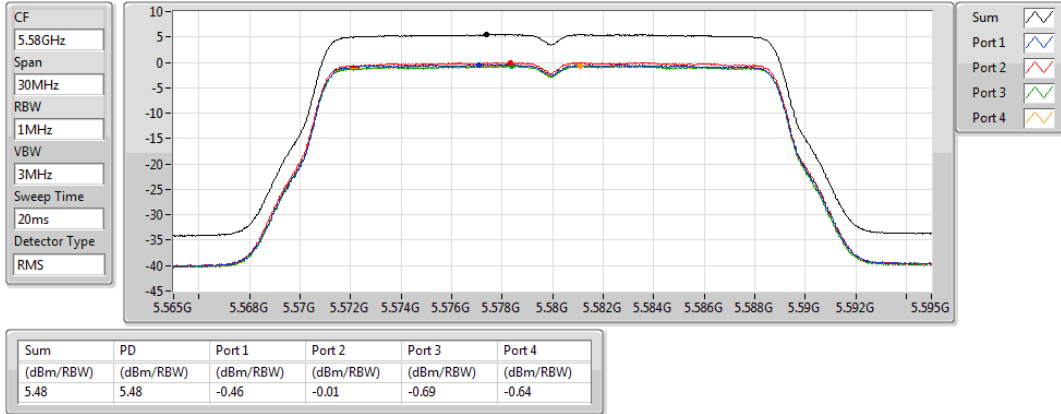


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5580MHz

28/10/2019

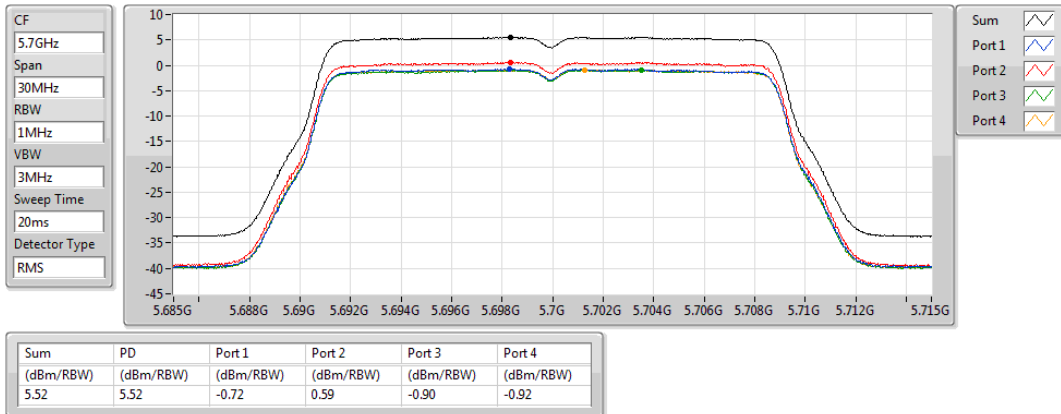


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5700MHz

28/10/2019

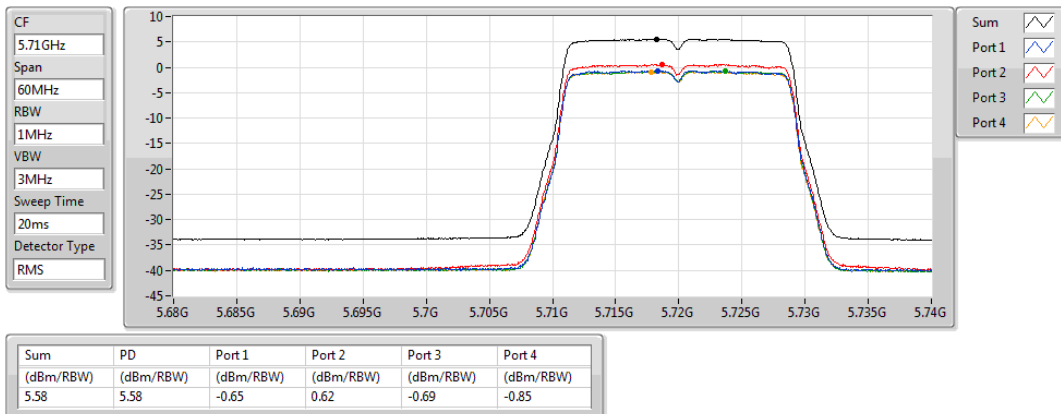


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

28/10/2019

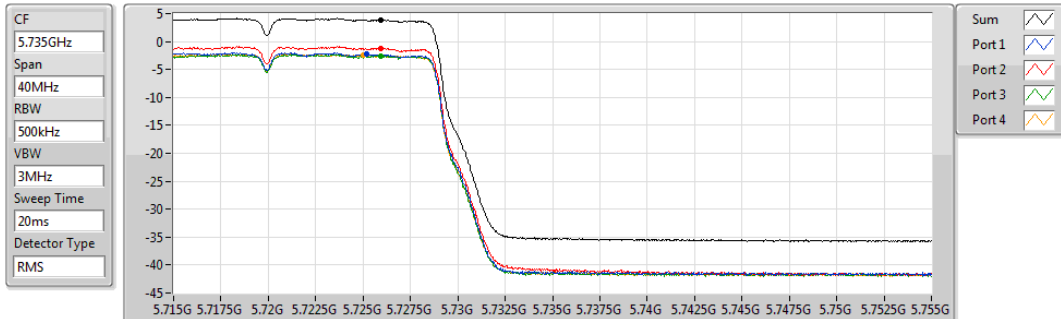


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

28/10/2019



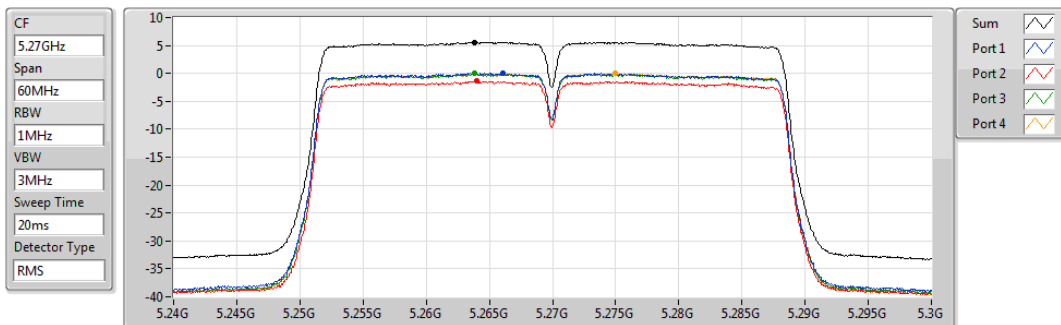
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.89	3.89	-2.21	-1.21	-2.57	-2.49

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5270MHz

28/10/2019



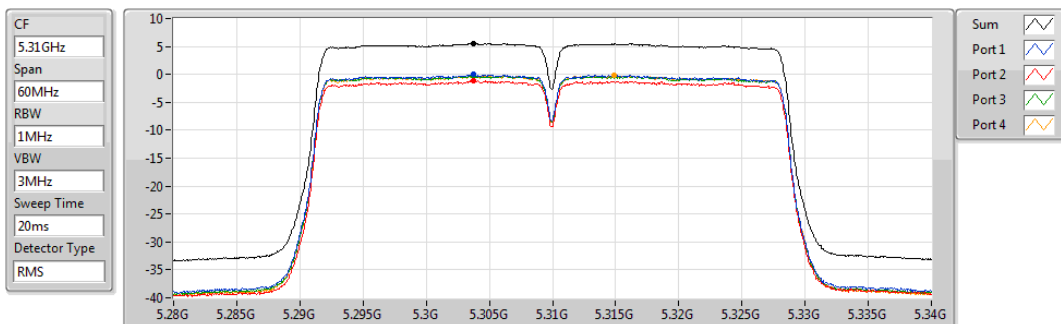
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.59	5.59	0.00	-1.42	-0.05	0.08

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5310MHz

29/10/2019



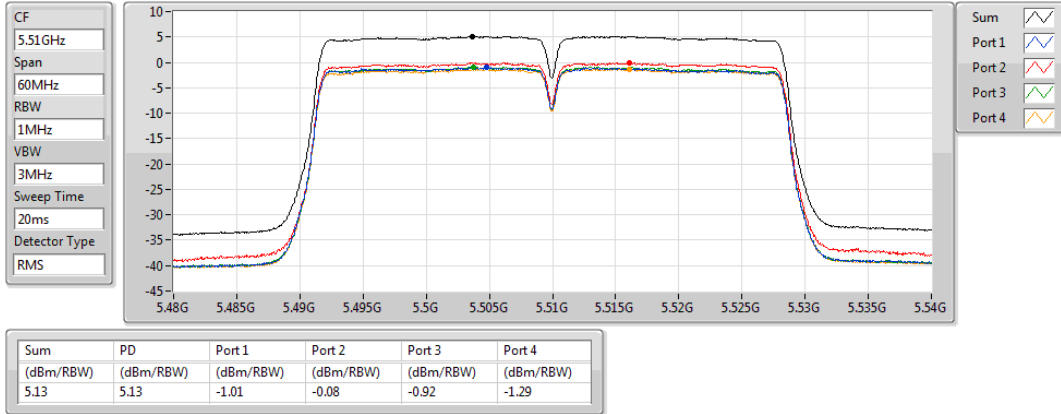
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.58	5.58	-0.00	-1.12	-0.27	-0.16

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5510MHz

29/10/2019

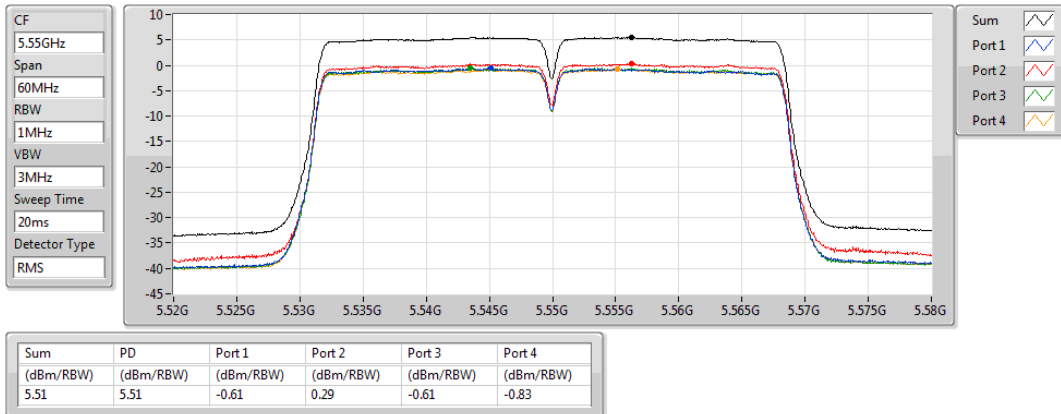


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5550MHz

29/10/2019

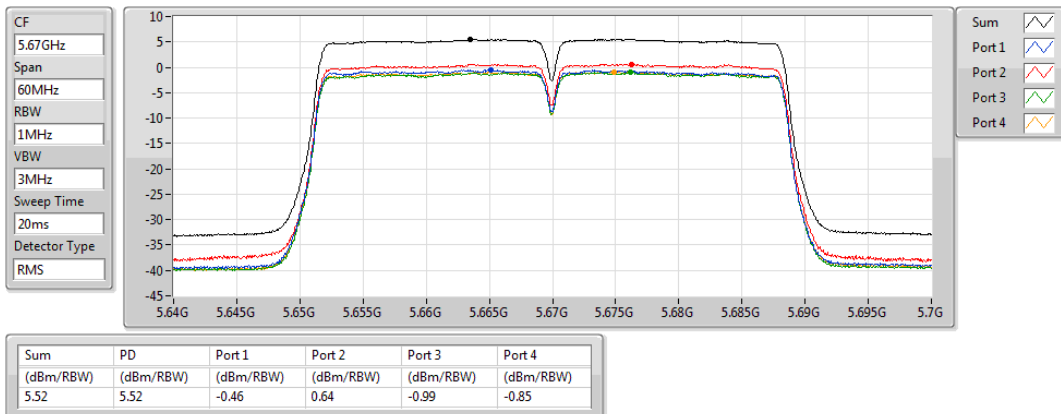


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5670MHz

29/10/2019

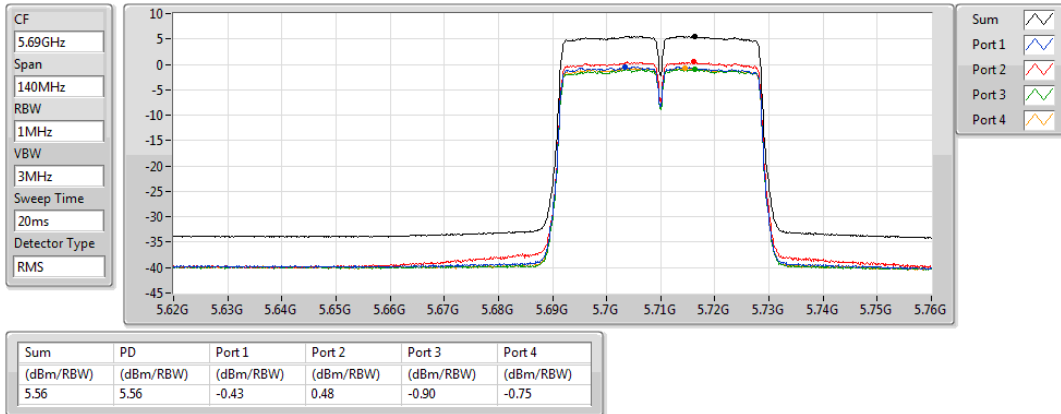


802.11ac VHT40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz

PSD

29/10/2019

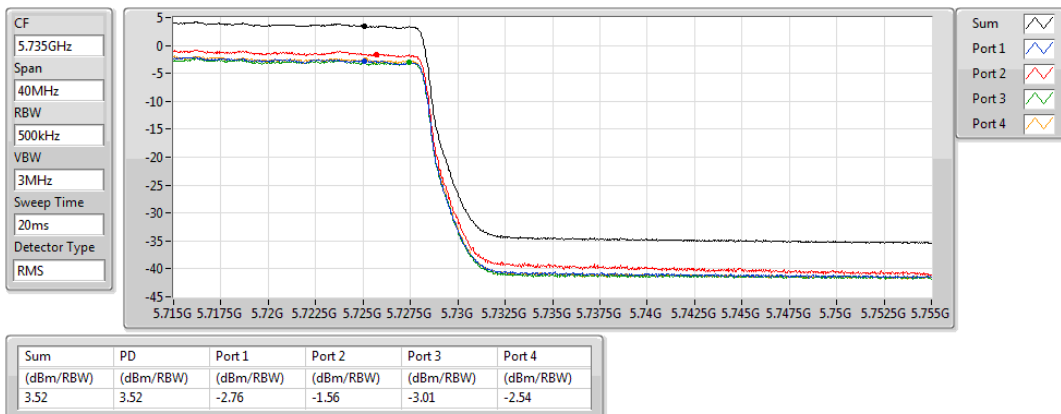


802.11ac VHT40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.725-5.85GHz

PSD

29/10/2019

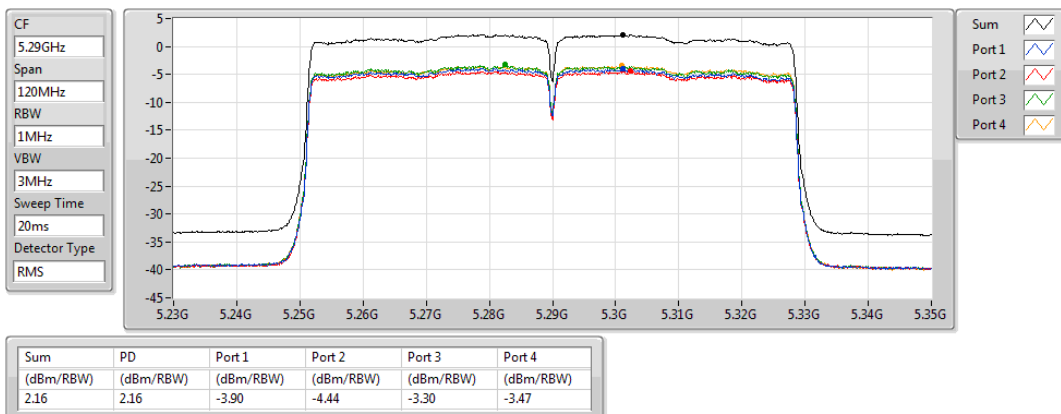


802.11ac VHT80_Nss1,(MCS0)_4TX

5290MHz

PSD

29/10/2019

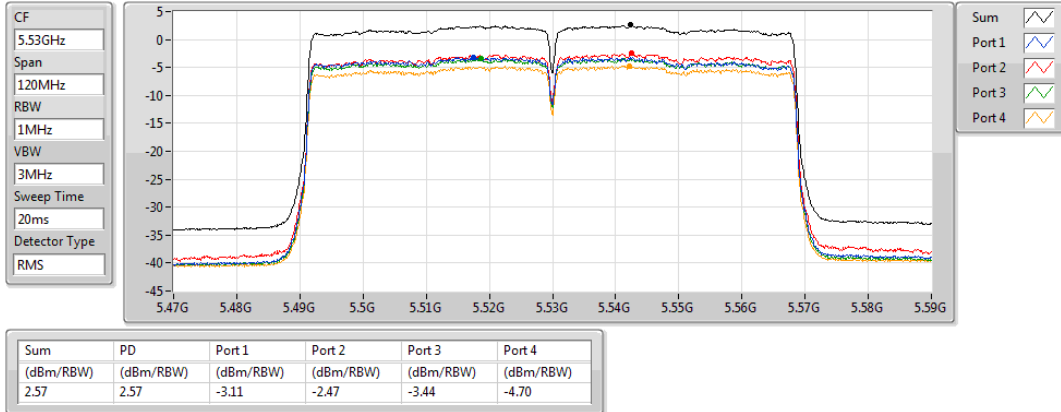


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5530MHz

29/10/2019

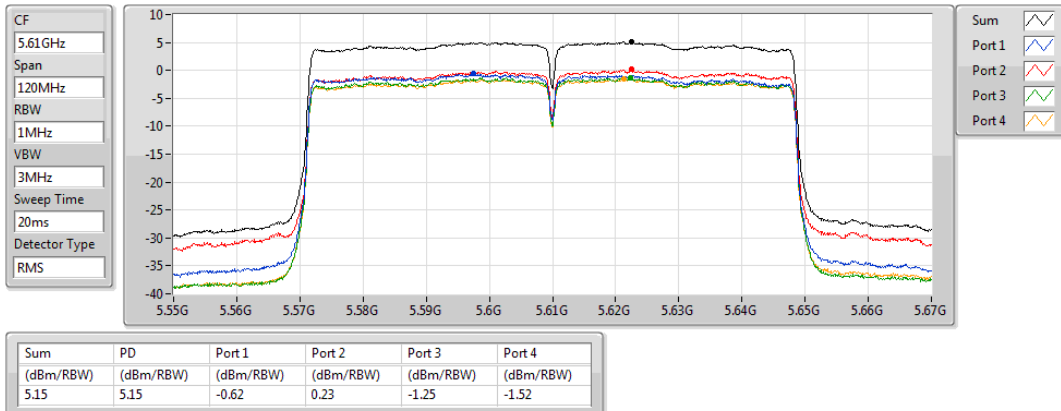


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5610MHz

29/10/2019

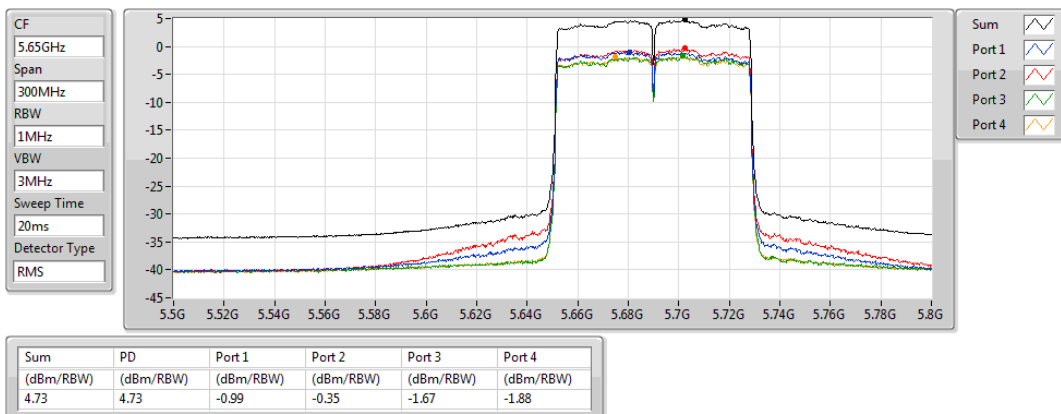


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

29/10/2019

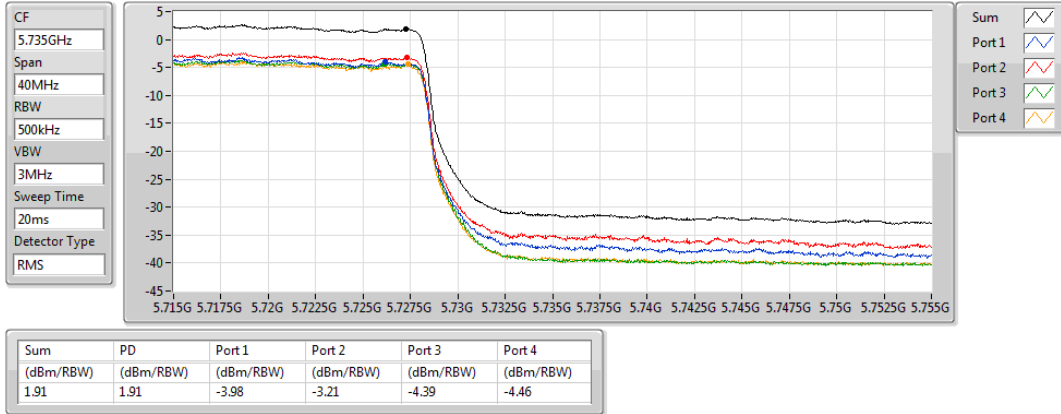


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

29/10/2019

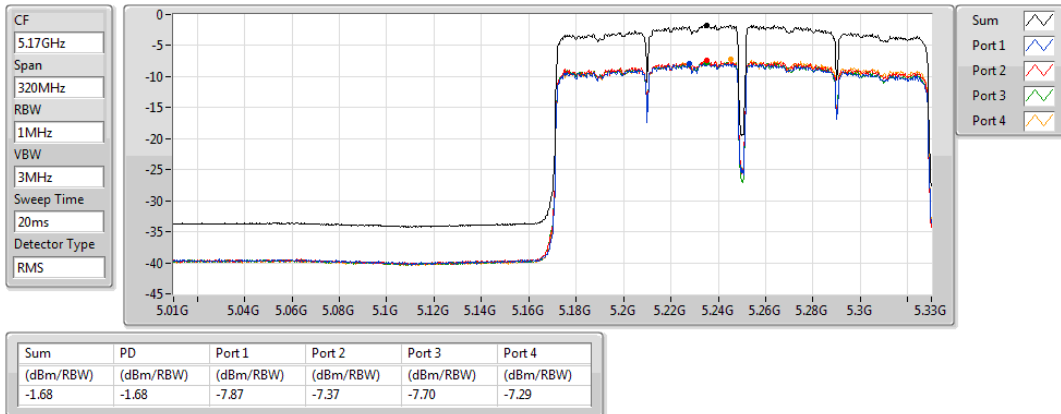


802.11ac VHT160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

29/10/2019

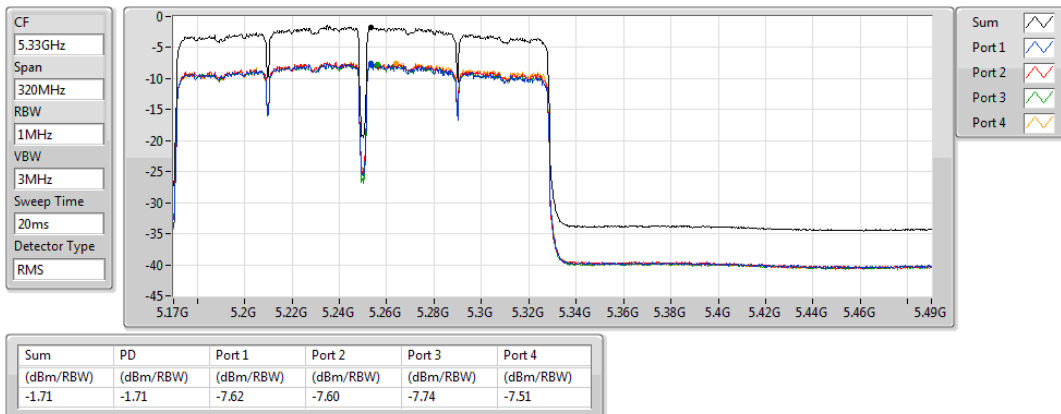


802.11ac VHT160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

29/10/2019

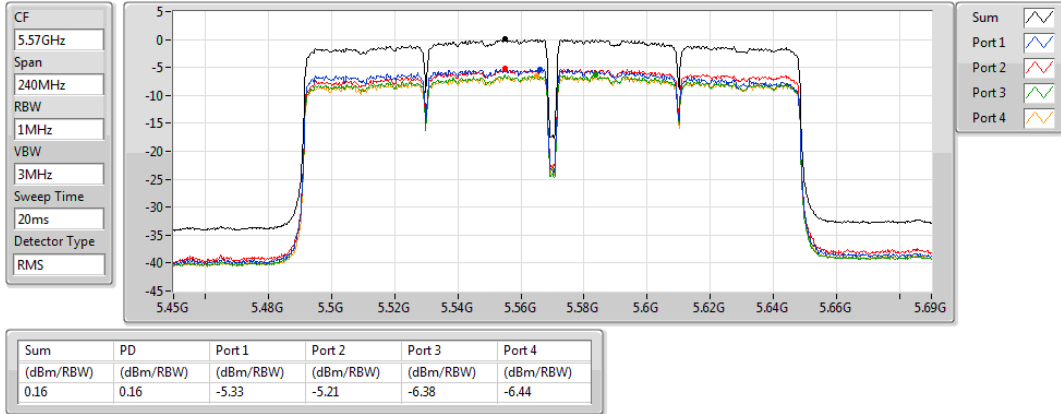


802.11ac VHT160_Nss1,(MCS0)_4TX

PSD

5570MHz

29/10/2019

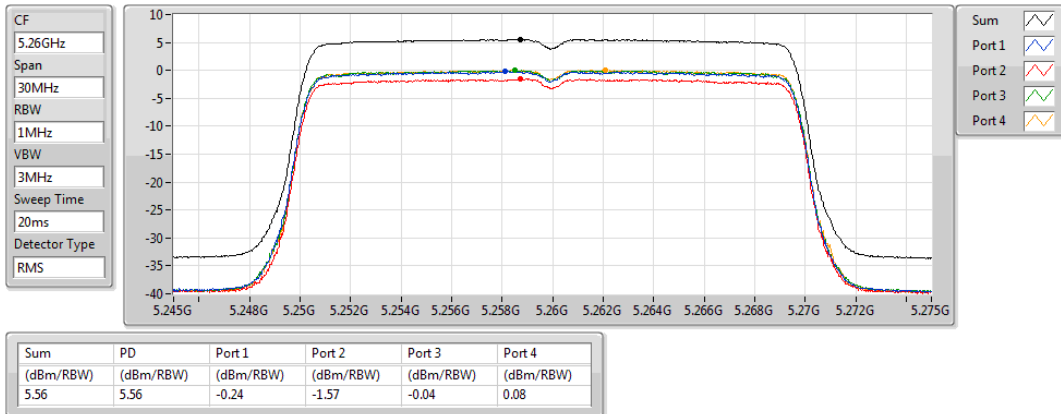


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5260MHz

28/10/2019

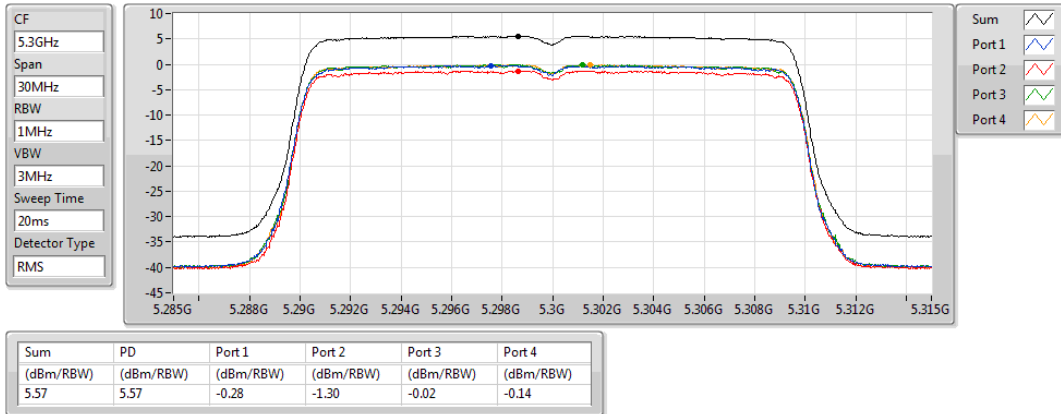


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5300MHz

28/10/2019

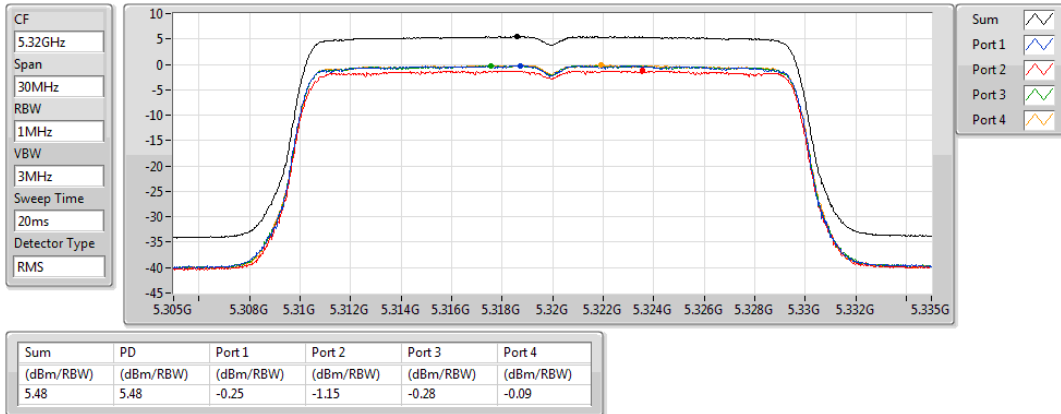


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5320MHz

28/10/2019

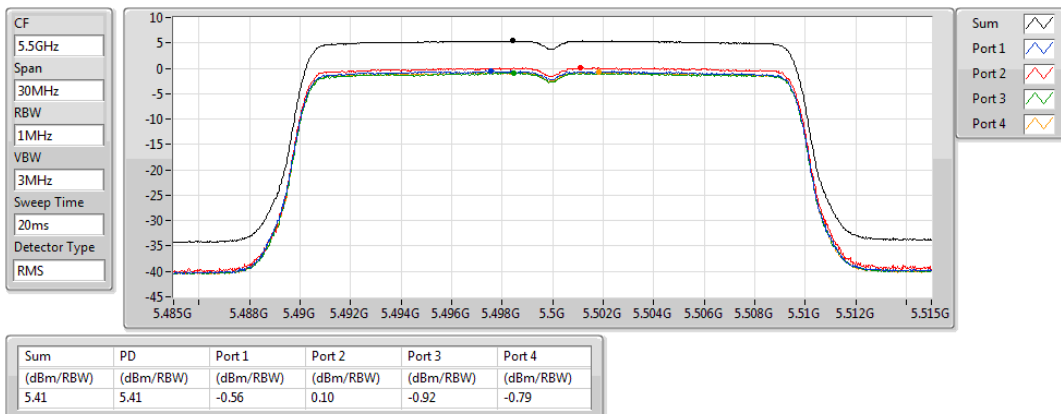


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5500MHz

28/10/2019

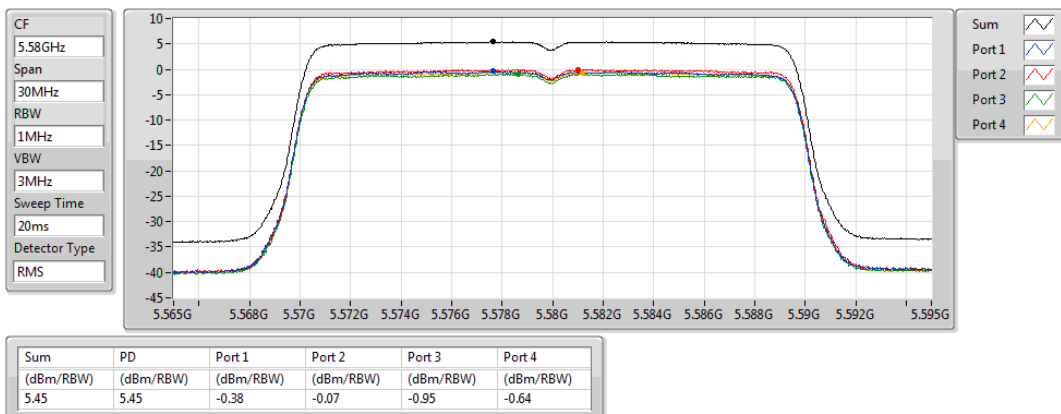


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5580MHz

28/10/2019

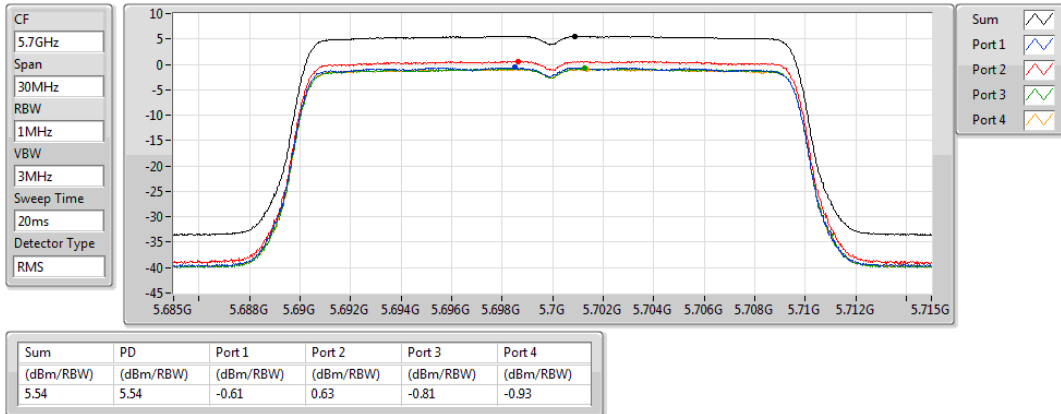


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5700MHz

28/10/2019

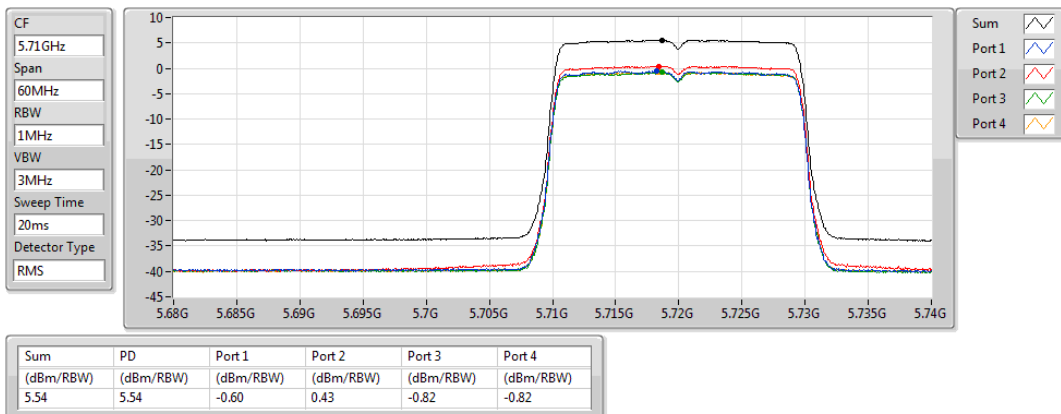


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

28/10/2019

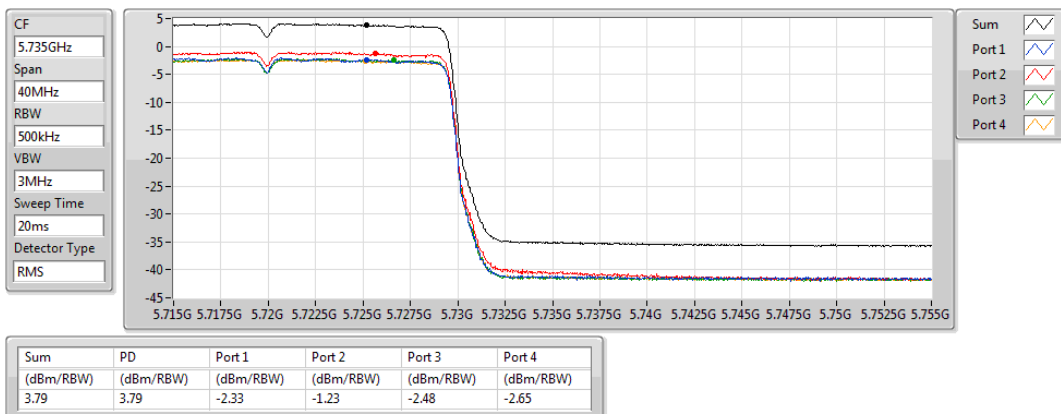


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

28/10/2019

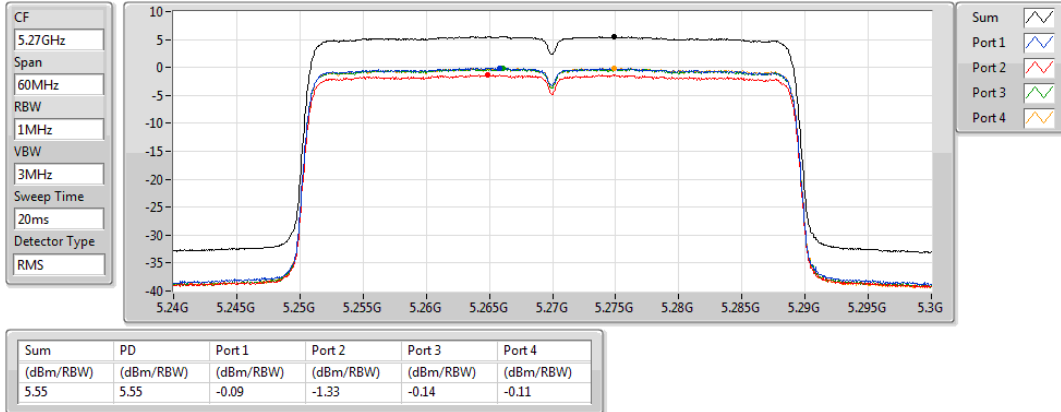


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5270MHz

28/10/2019

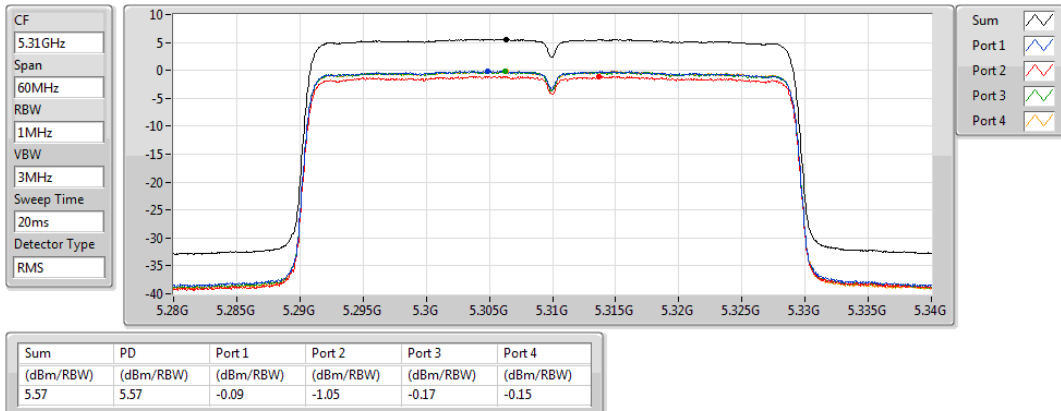


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5310MHz

28/10/2019

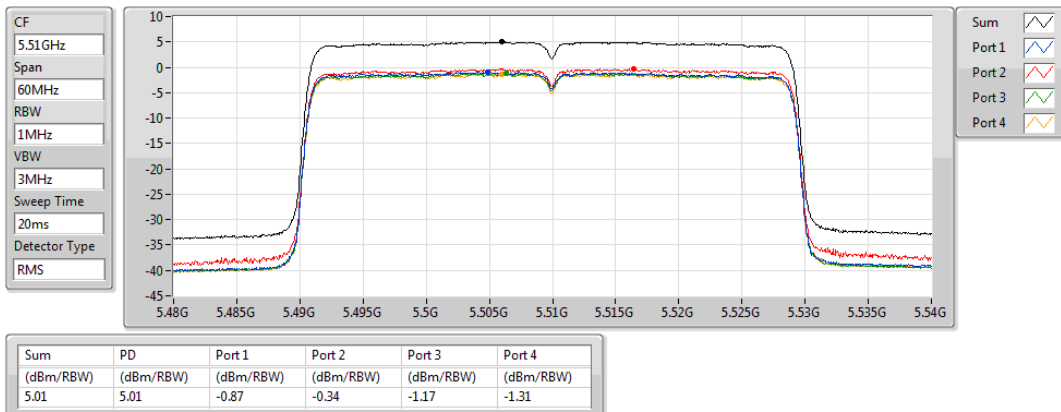


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5510MHz

28/10/2019

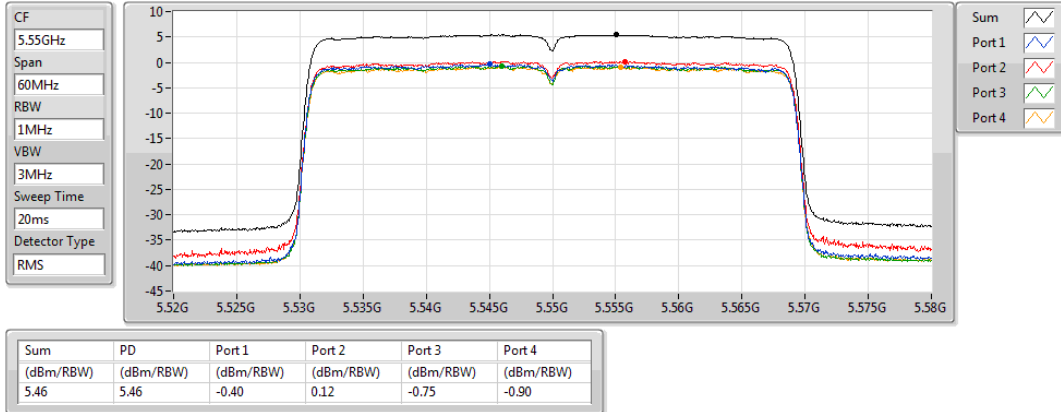


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5550MHz

28/10/2019

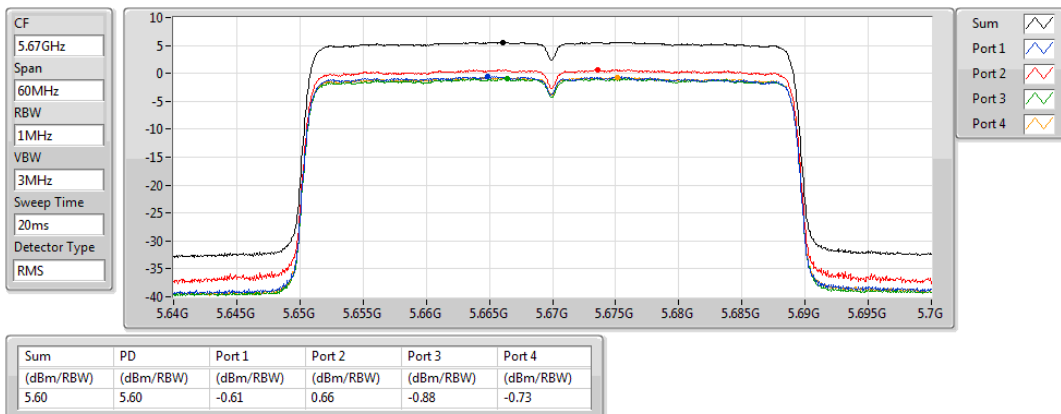


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5670MHz

28/10/2019

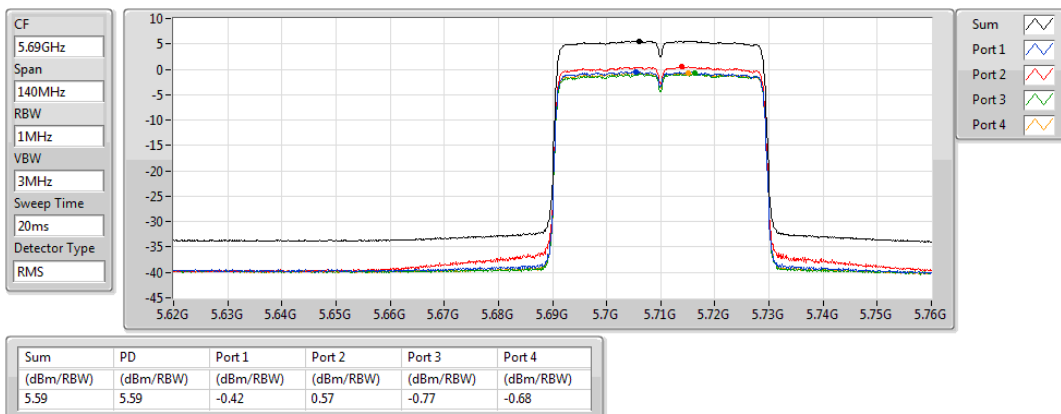


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

28/10/2019

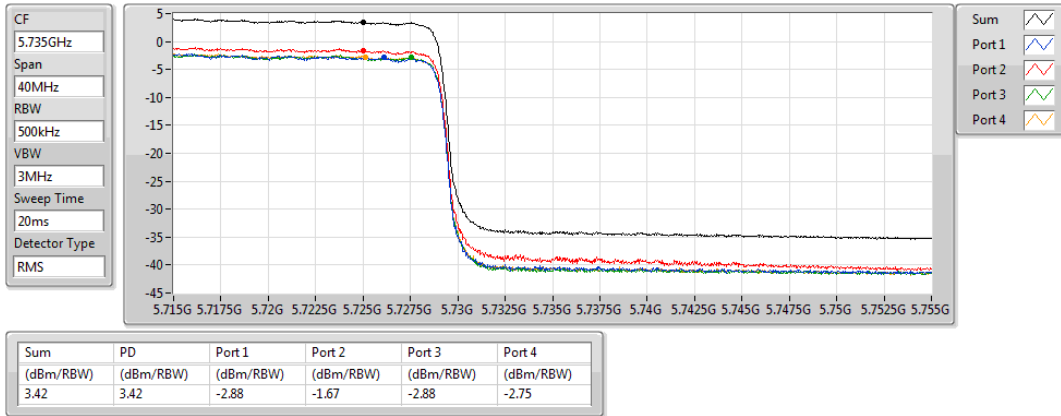


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

28/10/2019

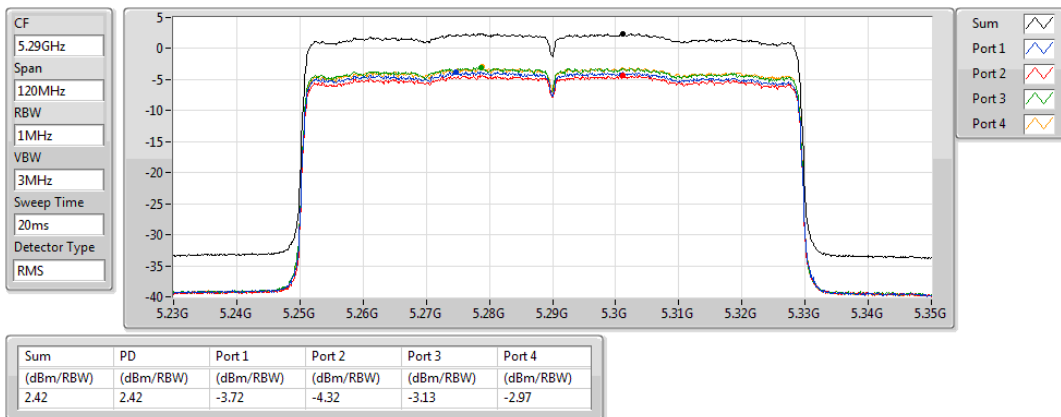


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5290MHz

28/10/2019

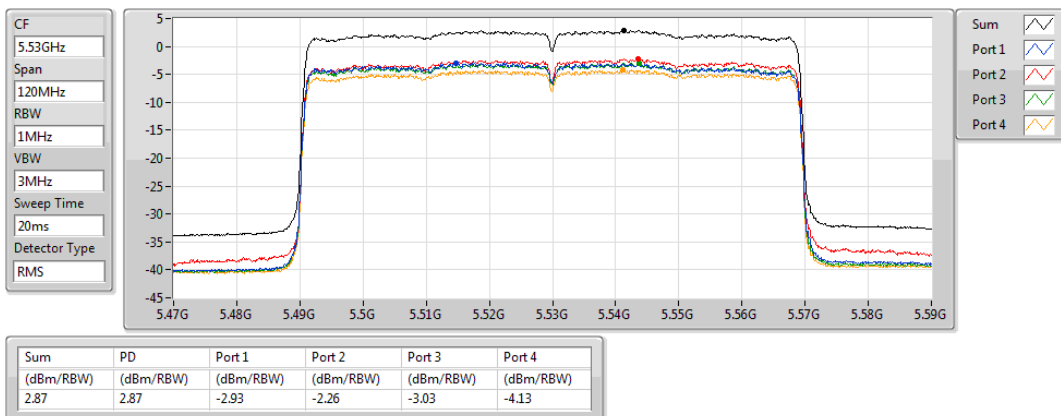


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5530MHz

28/10/2019

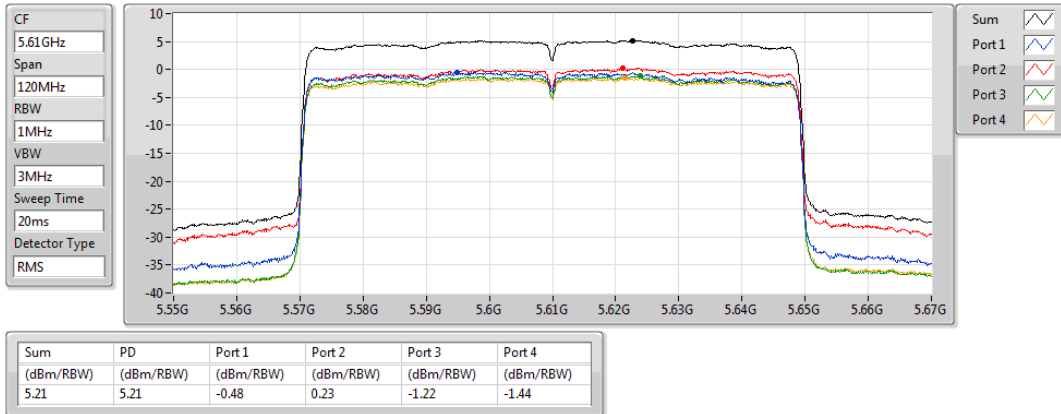


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5610MHz

28/10/2019

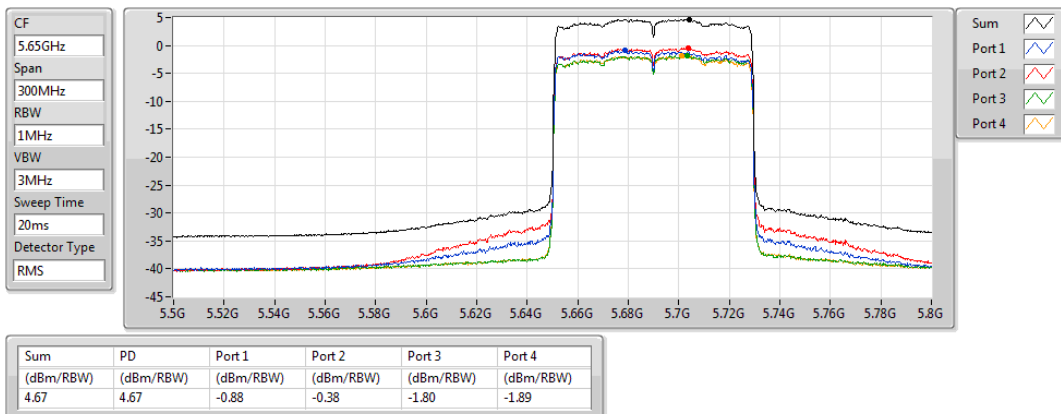


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

28/10/2019

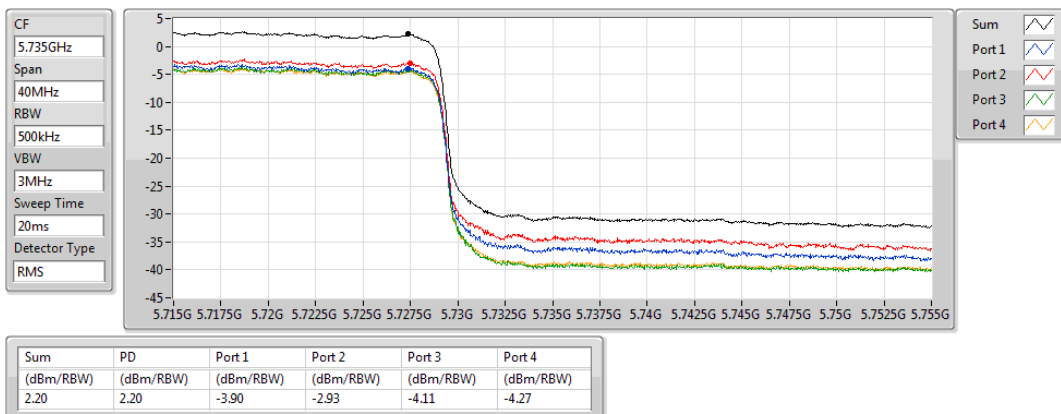


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

28/10/2019

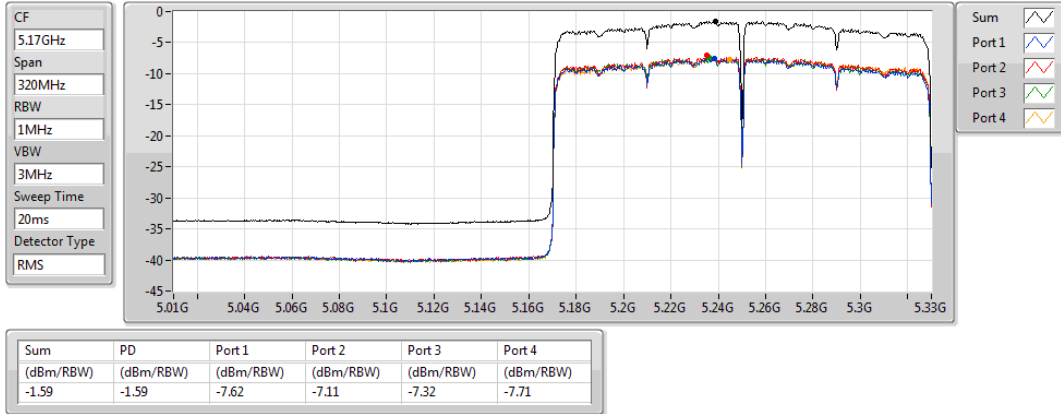


802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

28/10/2019

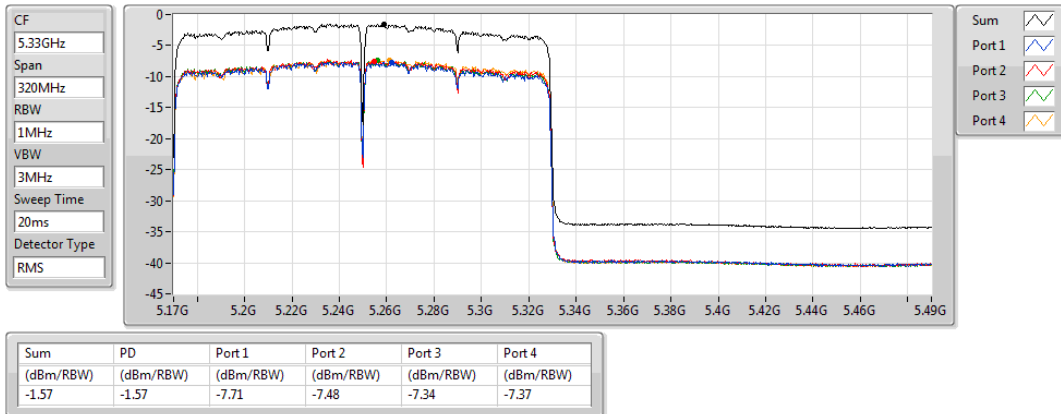


802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

28/10/2019

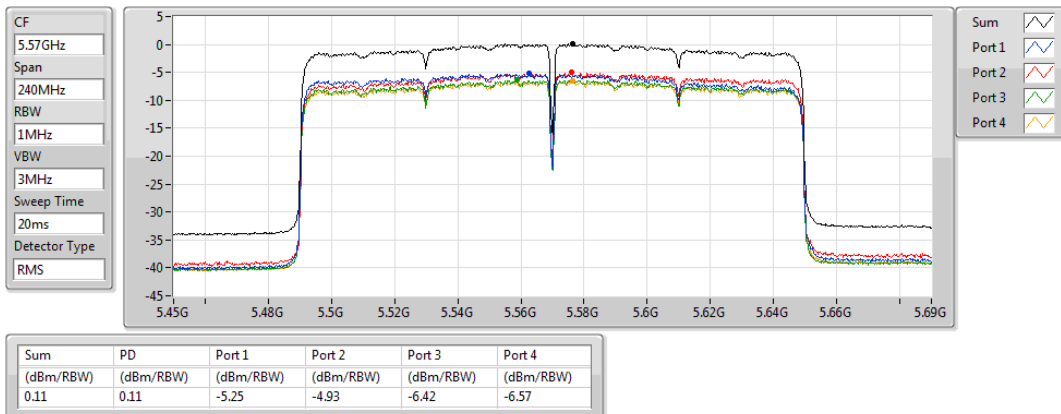


802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5570MHz

28/10/2019



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-0.54
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-0.55
5.25-5.35GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	5.48
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	2.51
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-0.42
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-0.63
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	5.13
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	2.35
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-0.36
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-0.39
5.47-5.725GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	5.57
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	2.58
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-0.28
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-2.98
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	5.14
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	2.40
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-0.40
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-2.87
5.725-5.85GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	3.53
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	0.46
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-3.28
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	3.09
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	0.44
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-3.03

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)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	11.38	-0.88	-1.94	-0.06	0.40	5.35	5.62
5300MHz	Pass	11.38	-0.67	-1.75	0.06	0.40	5.48	5.62
5320MHz	Pass	11.38	-0.89	-1.69	0.01	0.41	5.46	5.62
5500MHz	Pass	11.38	-1.59	1.05	-0.83	-0.50	5.57	5.62
5580MHz	Pass	11.38	-1.59	0.95	-0.99	-0.58	5.50	5.62
5700MHz	Pass	11.38	-1.61	0.82	-1.04	-0.83	5.34	5.62
5720MHz Straddle 5.47-5.725GHz	Pass	11.38	-1.55	0.65	-1.15	-0.82	5.34	5.62
5720MHz Straddle 5.725-5.85GHz	Pass	11.38	-3.19	-1.18	-2.73	-2.56	3.53	24.62
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	11.38	-3.37	-4.60	-3.08	-2.68	2.51	5.62
5310MHz	Pass	11.38	-3.55	-4.68	-3.30	-2.75	2.38	5.62
5510MHz	Pass	11.38	-4.15	-3.08	-3.24	-3.07	2.58	5.62
5550MHz	Pass	11.38	-4.19	-3.33	-3.68	-3.20	2.30	5.62
5670MHz	Pass	11.38	-4.60	-2.15	-4.09	-3.42	2.44	5.62
5710MHz Straddle 5.47-5.725GHz	Pass	11.38	-4.42	-2.35	-4.07	-3.42	2.41	5.62
5710MHz Straddle 5.725-5.85GHz	Pass	11.38	-6.46	-4.28	-6.02	-5.26	0.46	24.62
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	11.38	-6.96	-7.60	-5.72	-5.26	-0.42	5.62
5530MHz	Pass	11.38	-6.99	-6.06	-6.07	-6.01	-0.28	5.62
5610MHz	Pass	11.38	-6.80	-4.87	-7.25	-6.78	-0.47	5.62
5690MHz Straddle 5.47-5.725GHz	Pass	11.38	-6.53	-5.25	-6.87	-6.57	-0.38	5.62
5690MHz Straddle 5.725-5.85GHz	Pass	11.38	-9.72	-8.17	-9.63	-9.29	-3.28	24.62
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	11.38	-6.96	-7.70	-6.06	-5.43	-0.54	11.62
5250MHz Straddle 5.25-5.35GHz	Pass	11.38	-7.47	-7.64	-5.94	-5.35	-0.63	5.62
5570MHz	Pass	11.38	-9.21	-8.88	-8.36	-9.00	-2.98	5.62
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	11.38	-0.76	-2.38	-0.48	0.06	5.13	5.62
5300MHz	Pass	11.38	-1.09	-2.32	-1.16	0.11	4.92	5.62
5320MHz	Pass	11.38	-1.15	-2.13	-0.39	0.10	5.10	5.62
5500MHz	Pass	11.38	-2.01	0.64	-1.37	-1.01	5.09	5.62
5580MHz	Pass	11.38	-1.99	0.63	-1.33	-0.84	5.14	5.62
5700MHz	Pass	11.38	-1.89	-1.05	-1.61	-1.18	4.48	5.62
5720MHz Straddle 5.47-5.725GHz	Pass	11.38	-1.78	0.35	-1.42	-1.09	5.02	5.62
5720MHz Straddle 5.725-5.85GHz	Pass	11.38	-3.56	-1.41	-3.19	-3.66	3.09	24.62
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	11.38	-3.43	-5.03	-3.30	-2.80	2.35	5.62
5310MHz	Pass	11.38	-3.59	-4.87	-3.54	-2.88	2.29	5.62
5510MHz	Pass	11.38	-4.18	-3.34	-3.49	-3.14	2.40	5.62
5550MHz	Pass	11.38	-4.44	-3.54	-3.86	-3.24	2.13	5.62
5670MHz	Pass	11.38	-4.60	-2.40	-4.43	-3.63	2.27	5.62
5710MHz Straddle 5.47-5.725GHz	Pass	11.38	-4.47	-3.79	-4.23	-3.49	1.98	5.62
5710MHz Straddle 5.725-5.85GHz	Pass	11.38	-6.44	-4.37	-6.02	-5.41	0.44	24.62



Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	11.38	-6.79	-7.77	-5.87	-5.07	-0.36	5.62
5530MHz	Pass	11.38	-6.90	-6.08	-6.07	-5.96	-0.40	5.62
5610MHz	Pass	11.38	-6.86	-4.83	-7.36	-6.75	-0.47	5.62
5690MHz Straddle 5.47-5.725GHz	Pass	11.38	-6.84	-5.41	-7.26	-6.69	-0.57	5.62
5690MHz Straddle 5.725-5.85GHz	Pass	11.38	-9.59	-7.88	-9.52	-9.11	-3.03	24.62
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	11.38	-6.80	-7.48	-6.09	-5.49	-0.55	11.62
5250MHz Straddle 5.25-5.35GHz	Pass	11.38	-6.70	-7.72	-6.06	-5.32	-0.39	5.62
5570MHz	Pass	11.38	-9.19	-8.70	-8.25	-8.94	-2.87	5.62

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

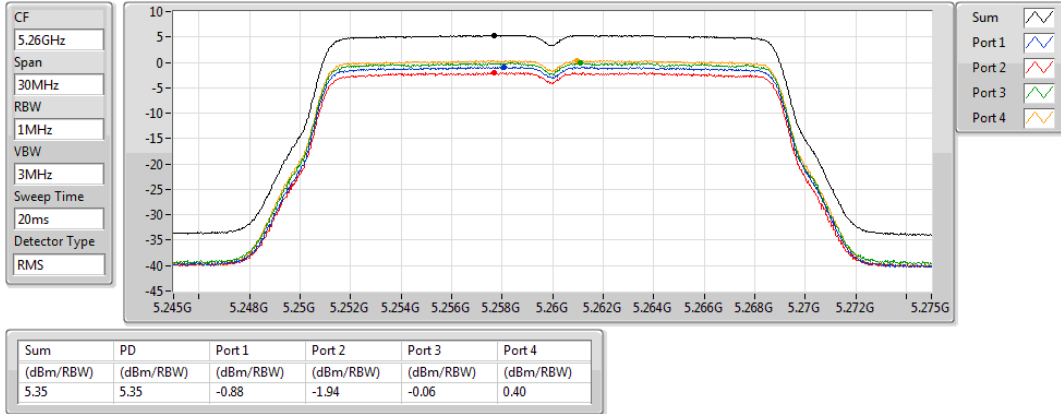
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5260MHz

01/11/2019

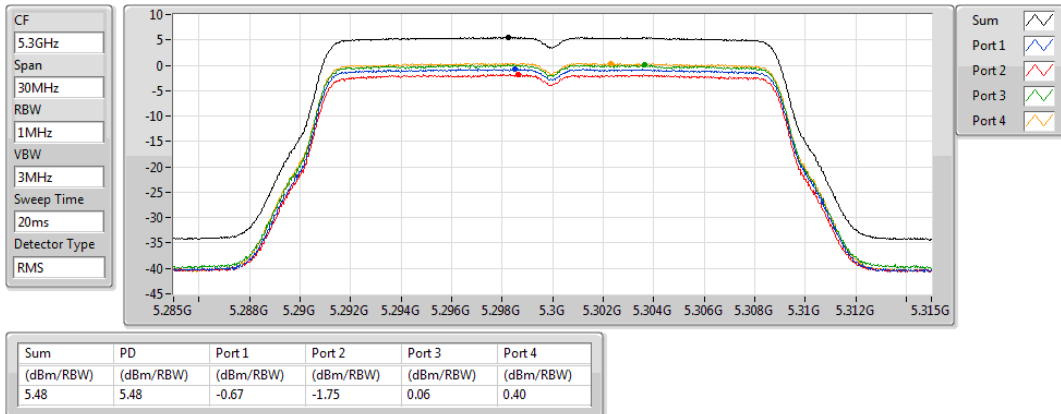


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5300MHz

01/11/2019

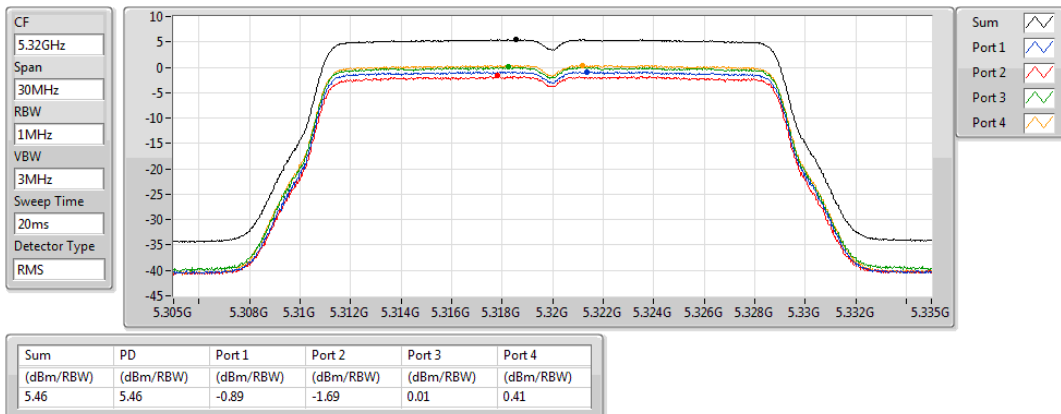


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5320MHz

01/11/2019

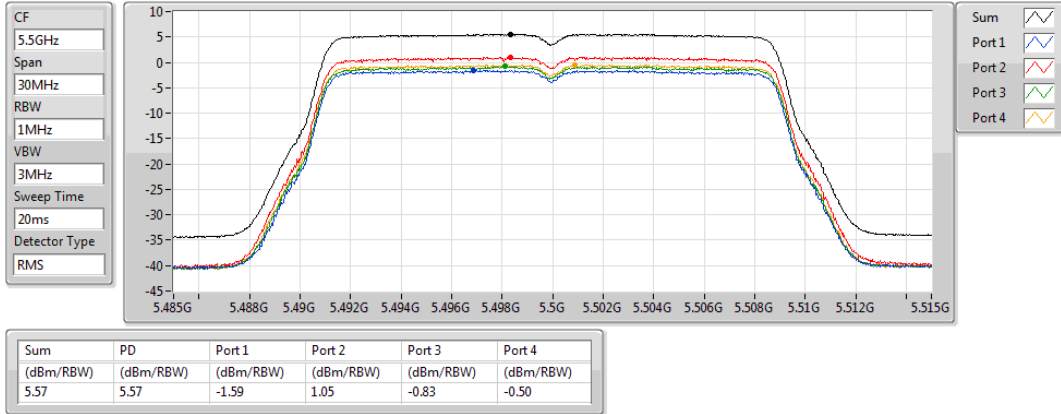


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5500MHz

01/11/2019

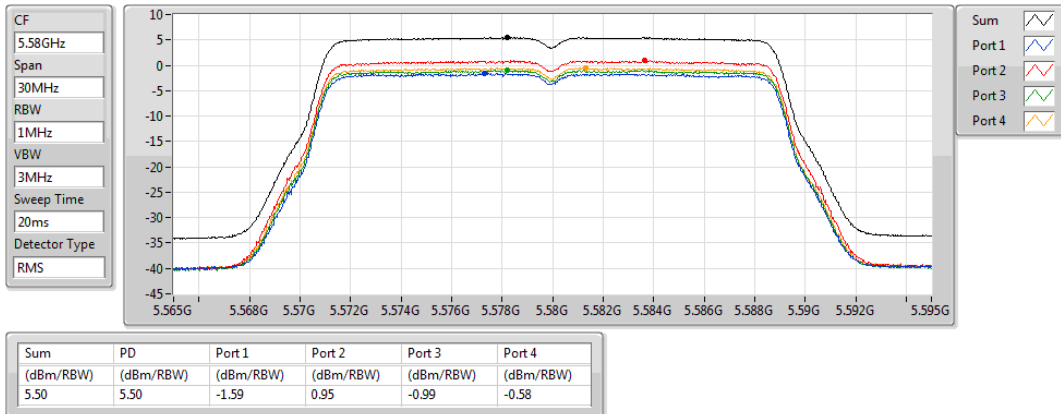


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5580MHz

01/11/2019

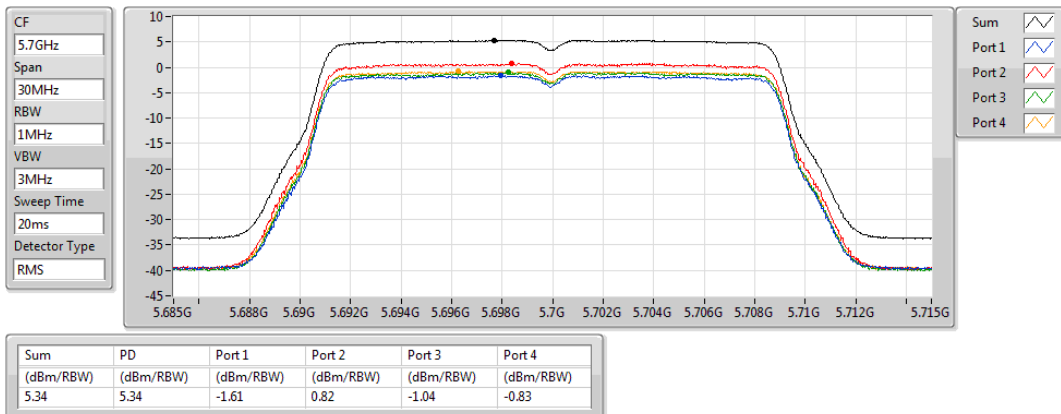


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5700MHz

01/11/2019

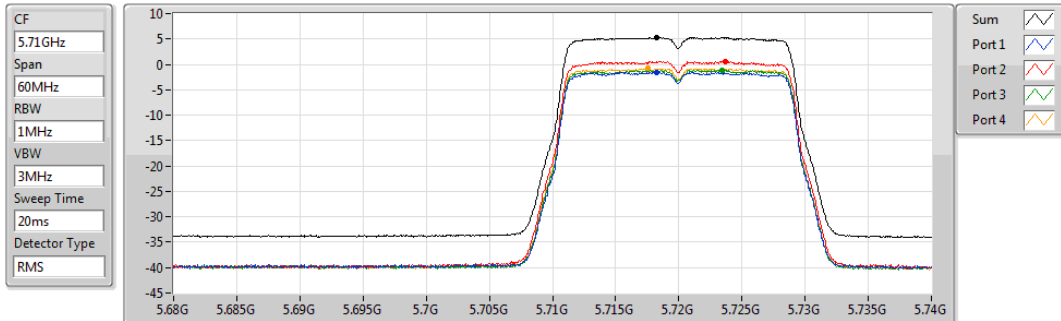


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

01/11/2019



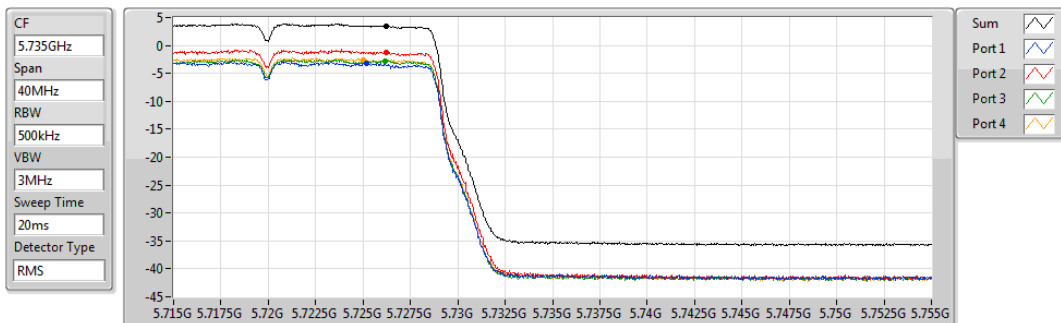
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.34	5.34	-1.55	0.65	-1.15	-0.82

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

01/11/2019



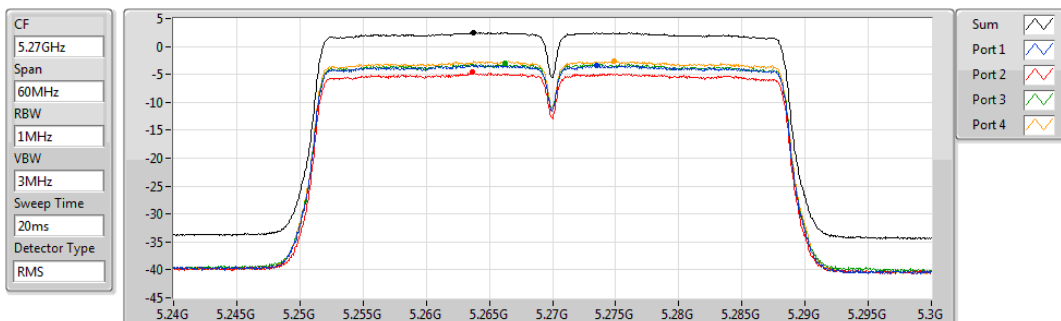
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.53	3.53	-3.19	-1.18	-2.73	-2.56

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5270MHz

01/11/2019



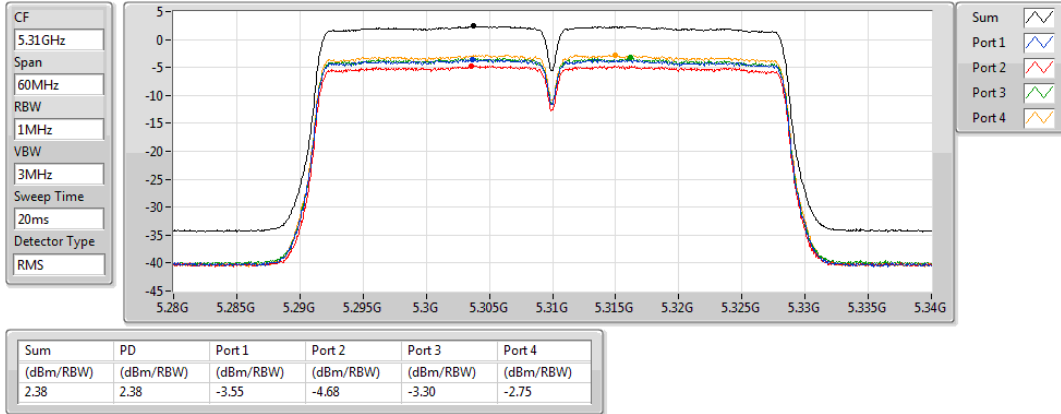
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.51	2.51	-3.37	-4.60	-3.08	-2.68

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5310MHz

01/11/2019

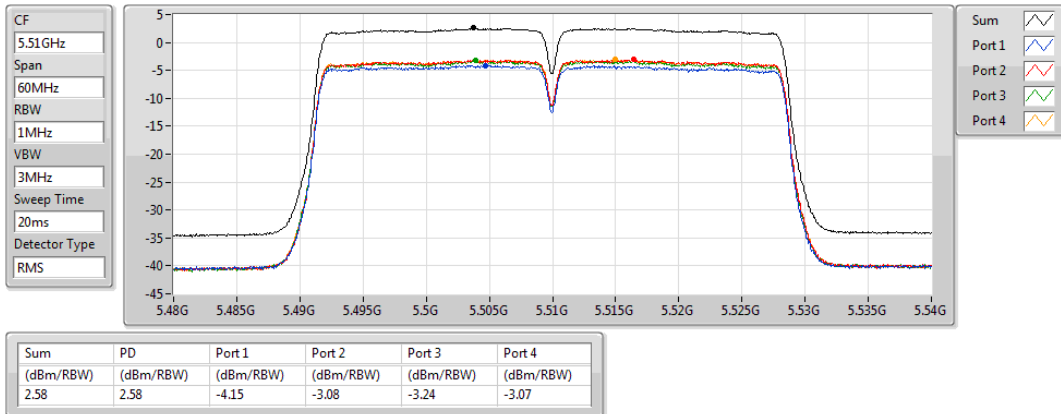


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5510MHz

01/11/2019

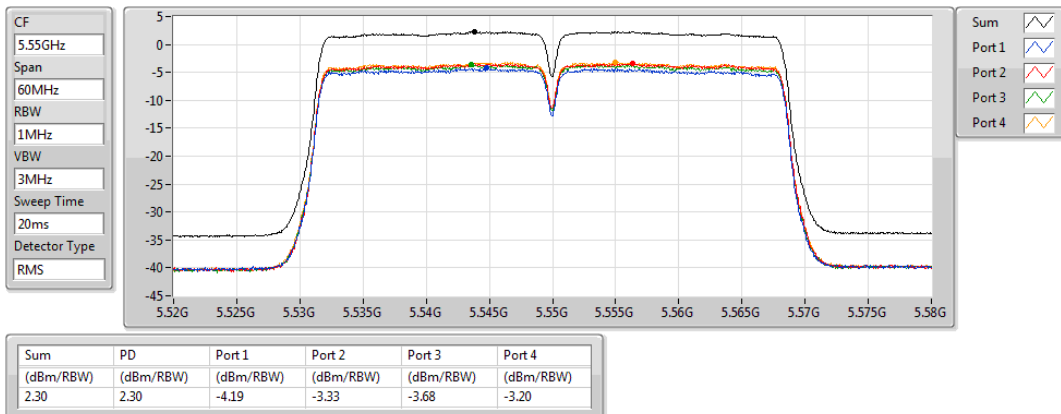


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5550MHz

01/11/2019

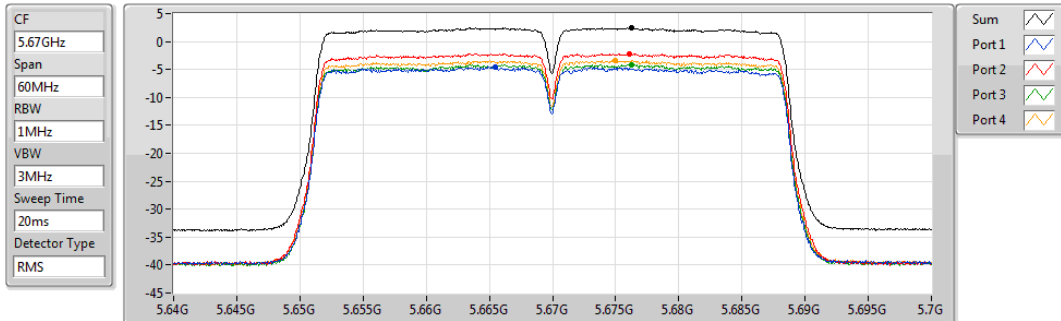


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5670MHz

01/11/2019



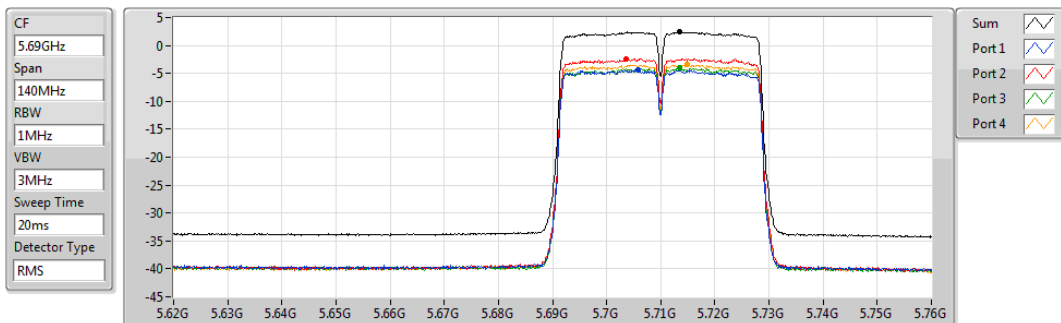
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
2.44	2.44	-4.60	-2.15	-4.09	-3.42

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

01/11/2019



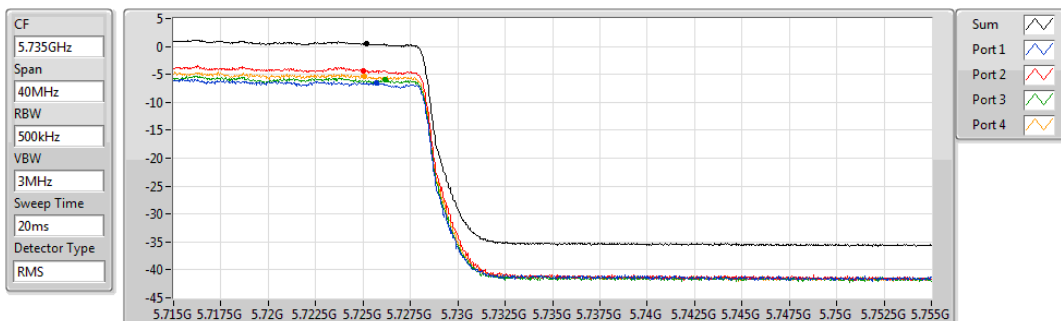
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
2.41	2.41	-4.42	-2.35	-4.07	-3.42

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

01/11/2019



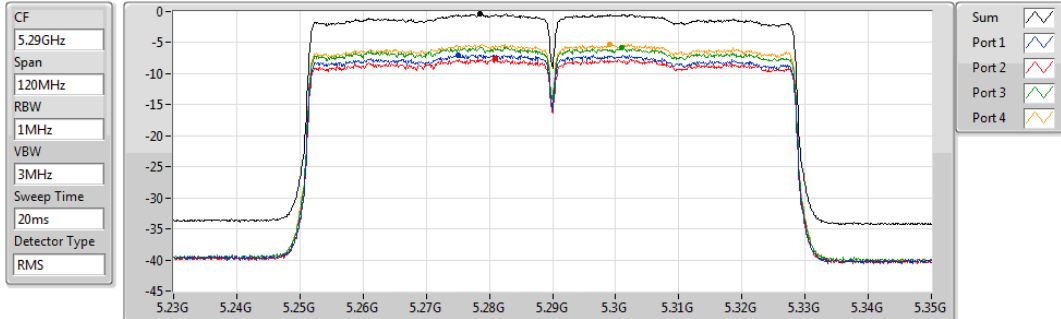
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
0.46	0.46	-6.46	-4.28	-6.02	-5.26

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz

01/11/2019



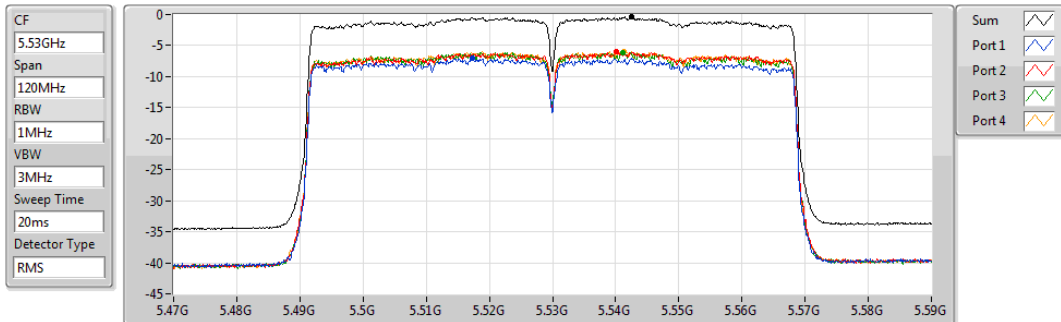
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.42	-0.42	-6.96	-7.60	-5.72	-5.26

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5530MHz

01/11/2019



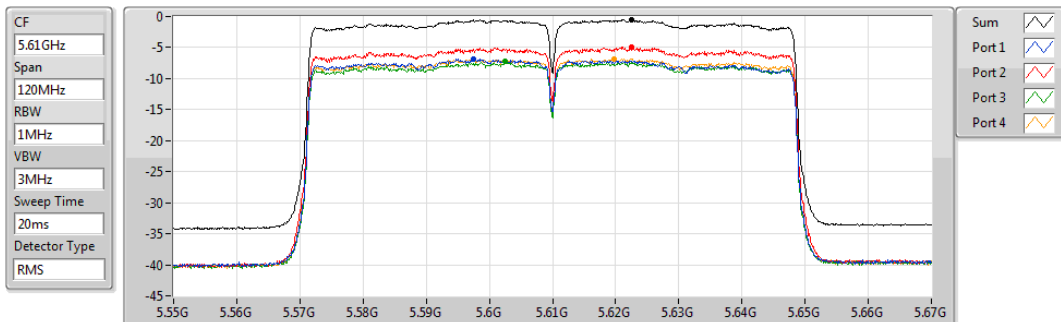
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.28	-0.28	-6.99	-6.06	-6.07	-6.01

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5610MHz

01/11/2019



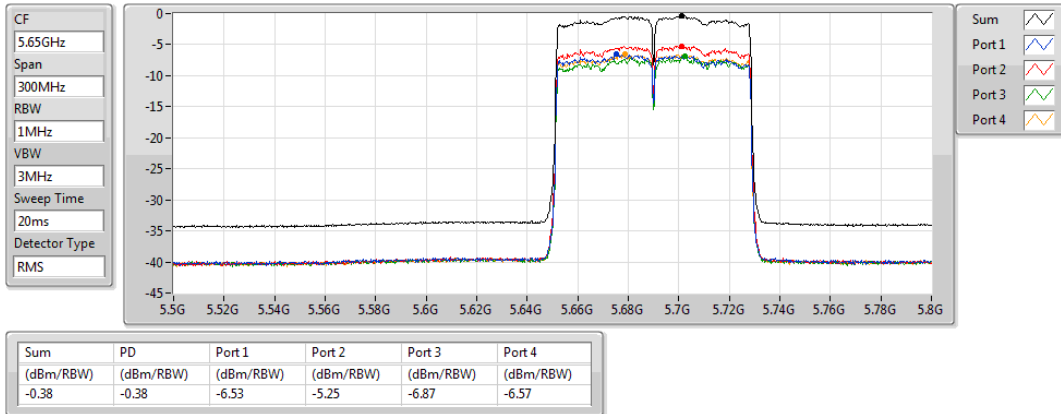
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.47	-0.47	-6.80	-4.87	-7.25	-6.78

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5690MHz Straddle 5.47-5.725GHz

PSD

01/11/2019

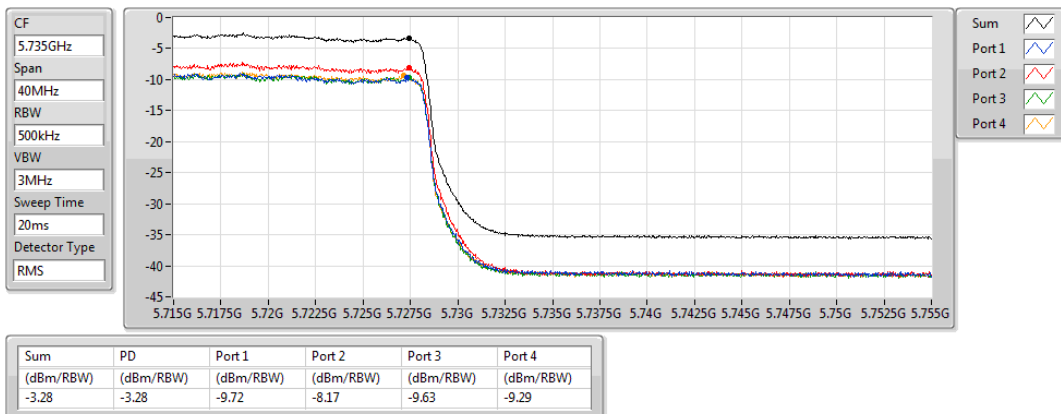


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5690MHz Straddle 5.725-5.85GHz

PSD

01/11/2019

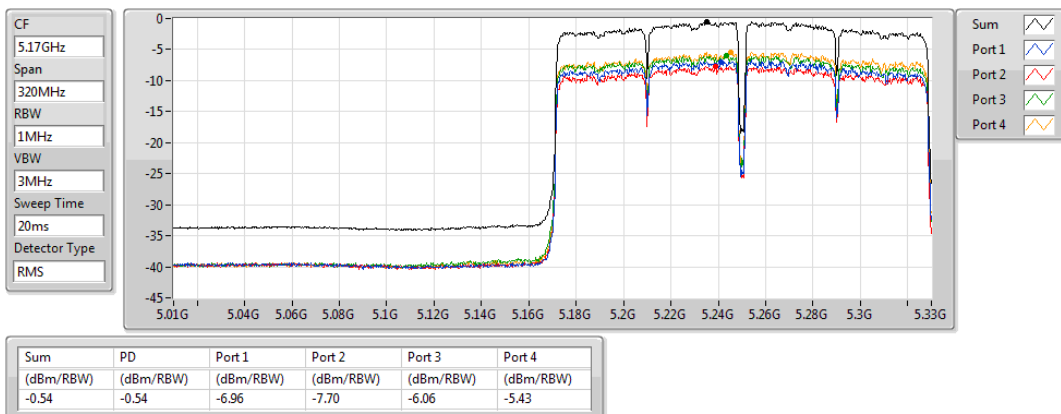


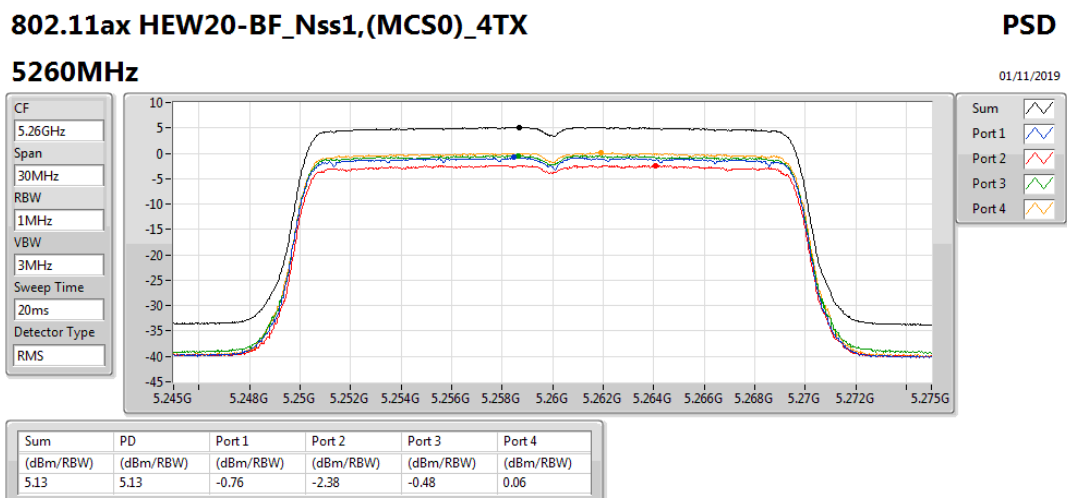
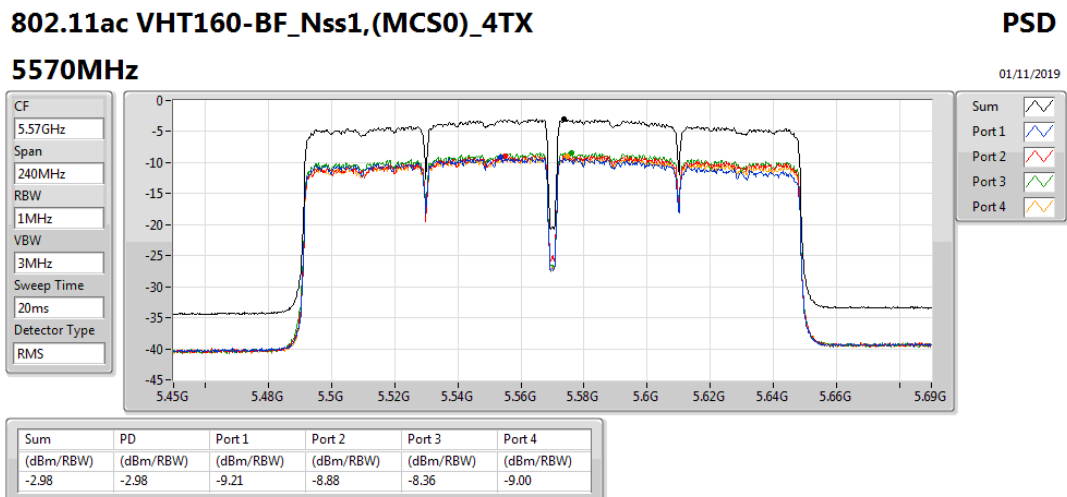
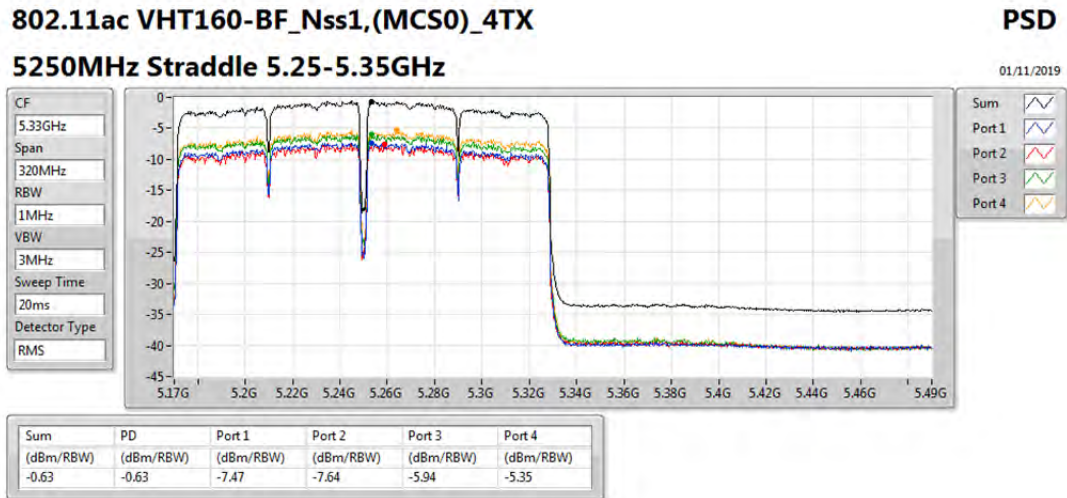
802.11ac VHT160-BF_Nss1,(MCS0)_4TX

5250MHz Straddle 5.15-5.25GHz

PSD

01/11/2019



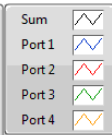
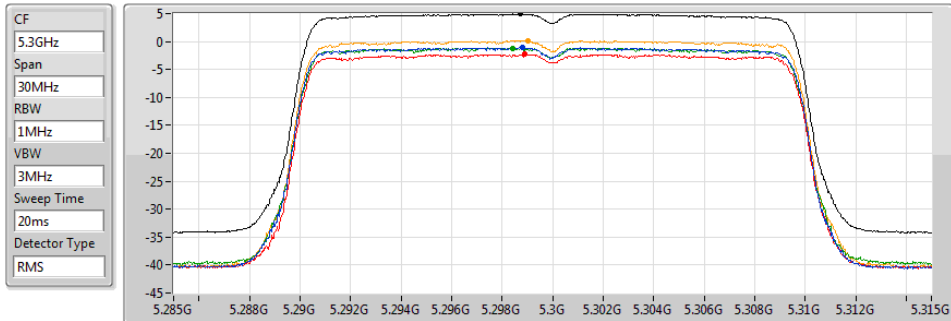


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5300MHz

01/11/2019



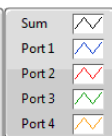
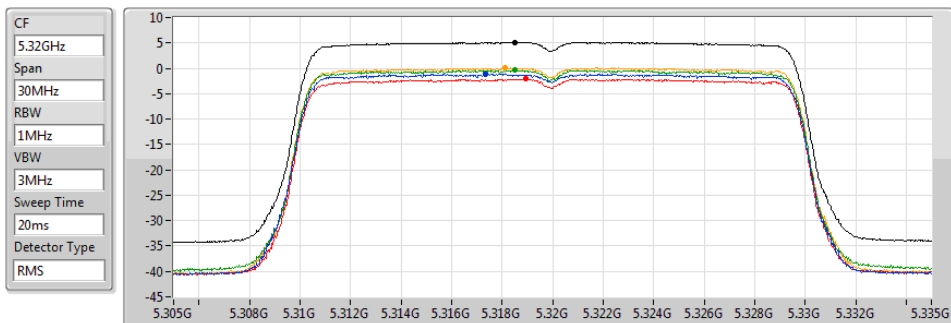
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.92	4.92	-1.09	-2.32	-1.16	0.11

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5320MHz

01/11/2019



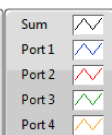
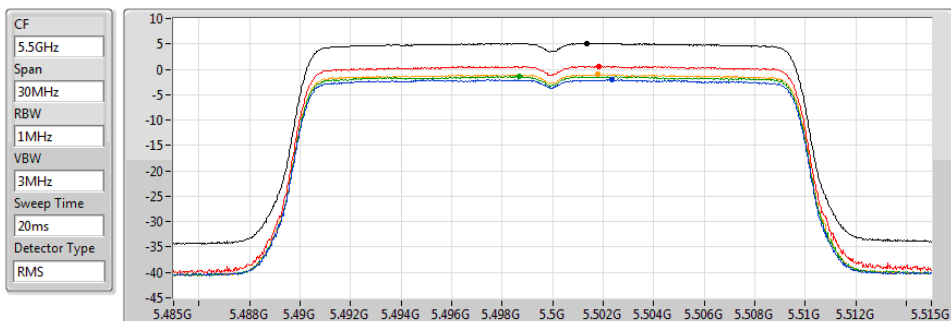
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.10	5.10	-1.15	-2.13	-0.39	0.10

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5500MHz

01/11/2019



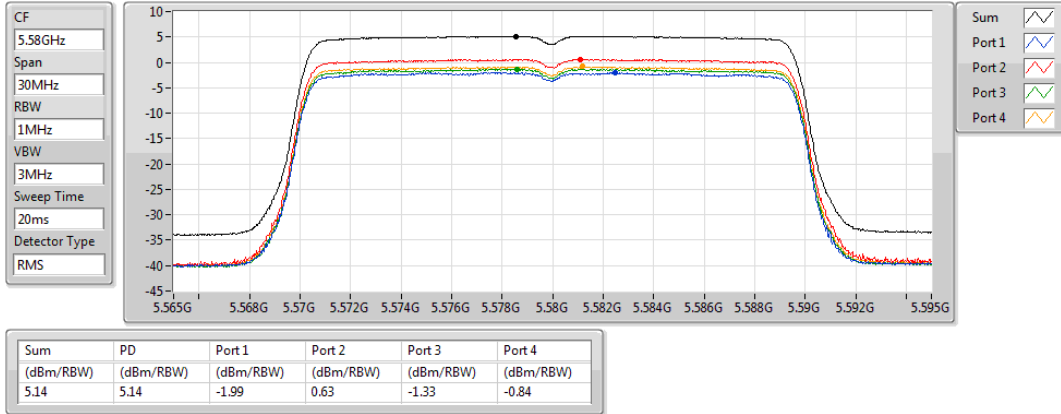
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.09	5.09	-2.01	0.64	-1.37	-1.01

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5580MHz

01/11/2019

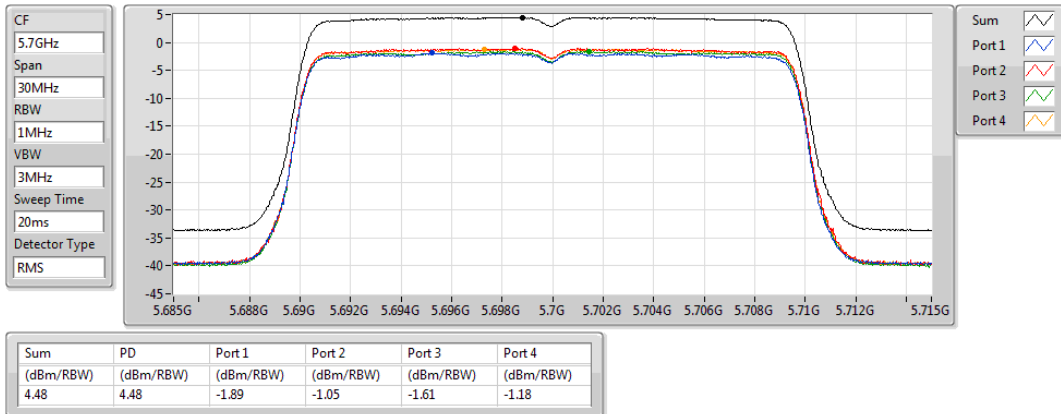


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5700MHz

01/11/2019

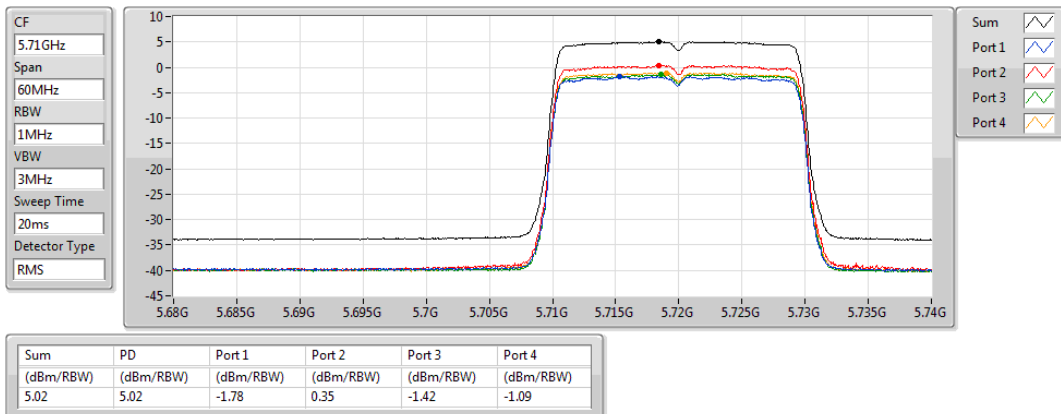


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

01/11/2019

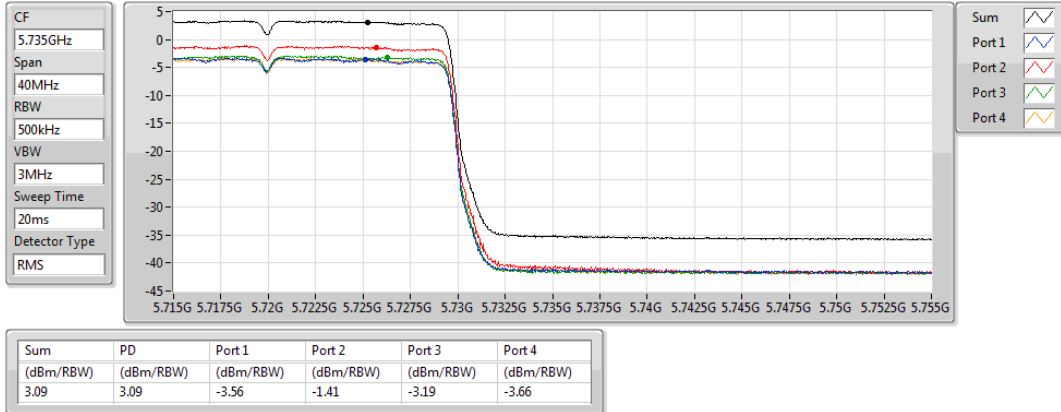


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

01/11/2019

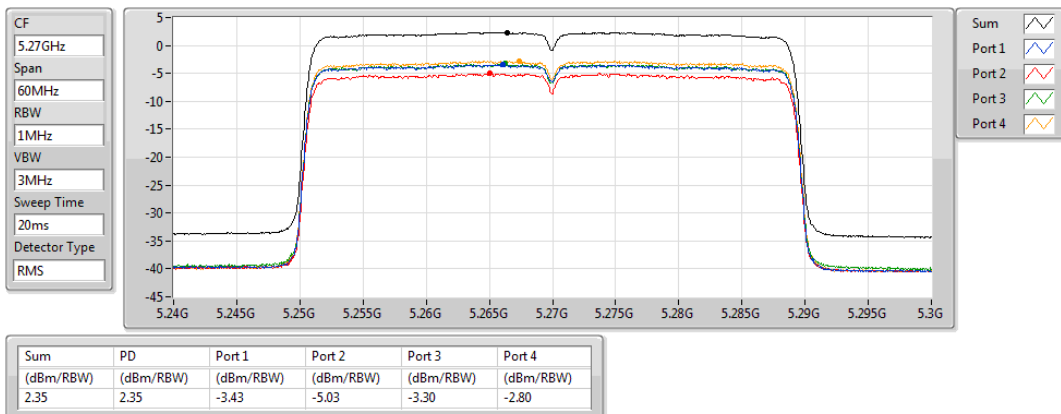


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5270MHz

01/11/2019

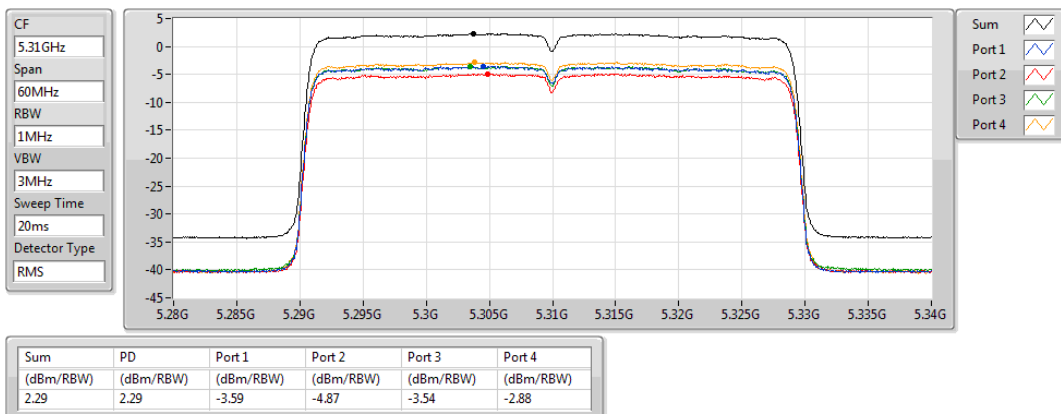


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5310MHz

01/11/2019

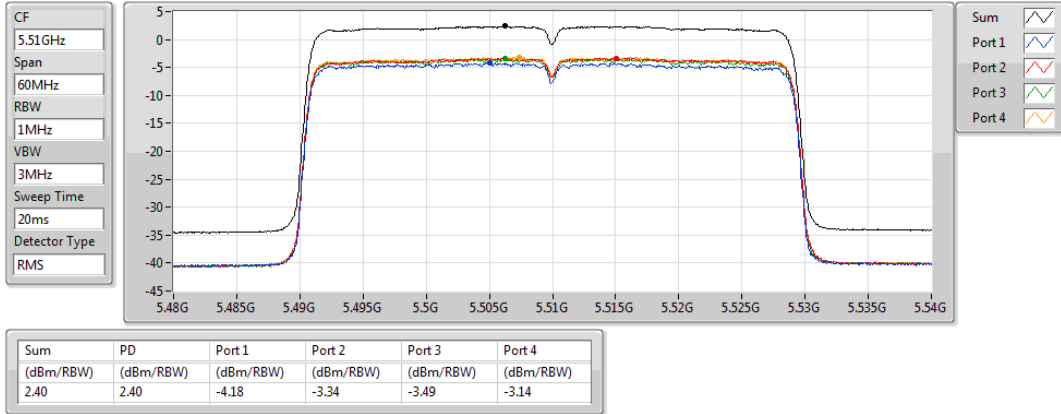


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5510MHz

01/11/2019

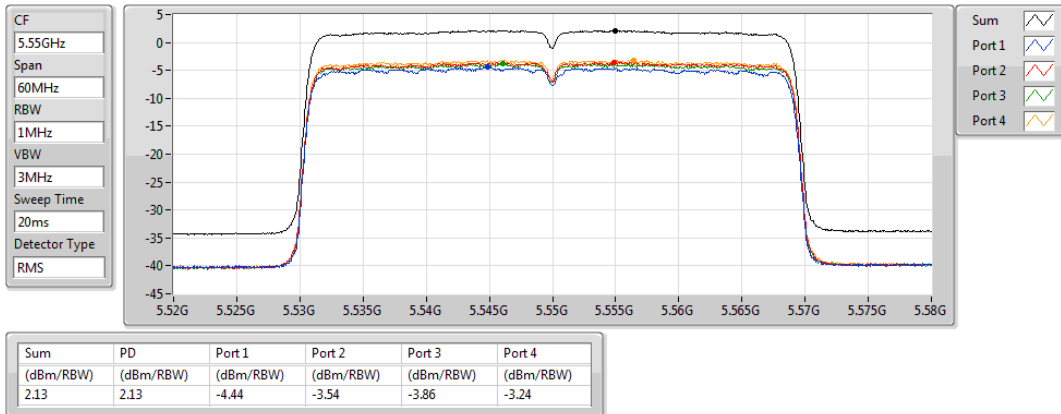


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5550MHz

01/11/2019

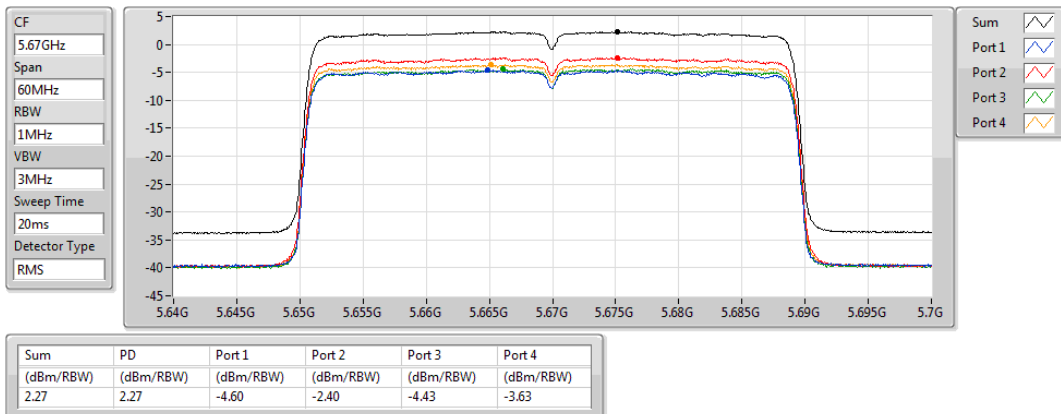


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5670MHz

01/11/2019

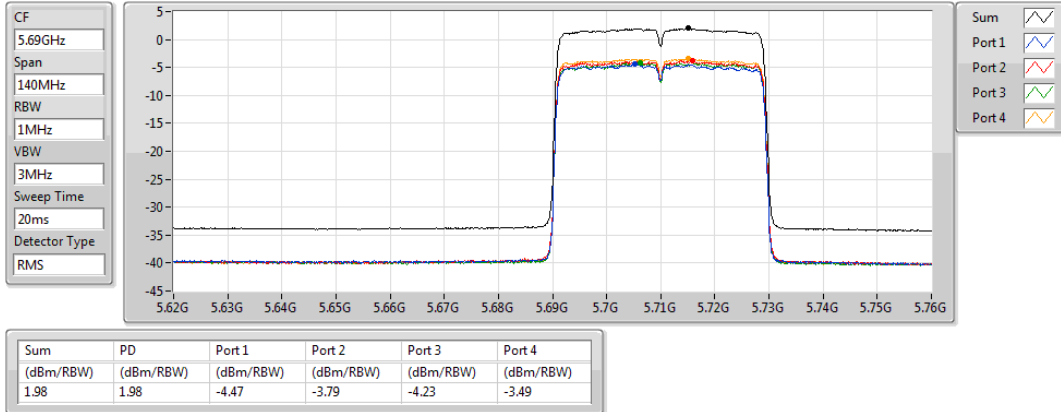


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

01/11/2019

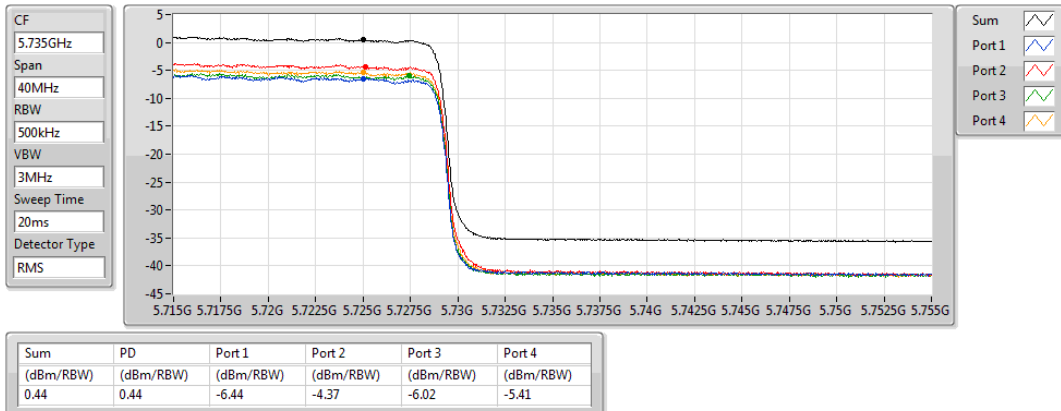


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

01/11/2019

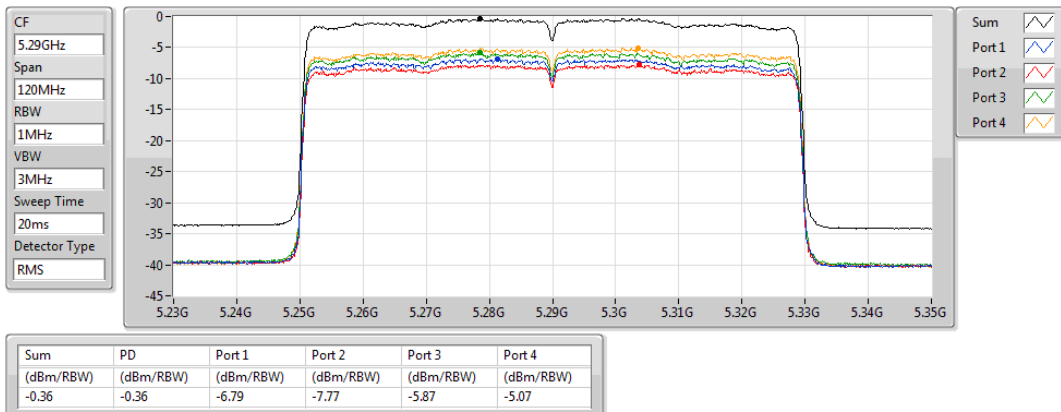


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz

01/11/2019

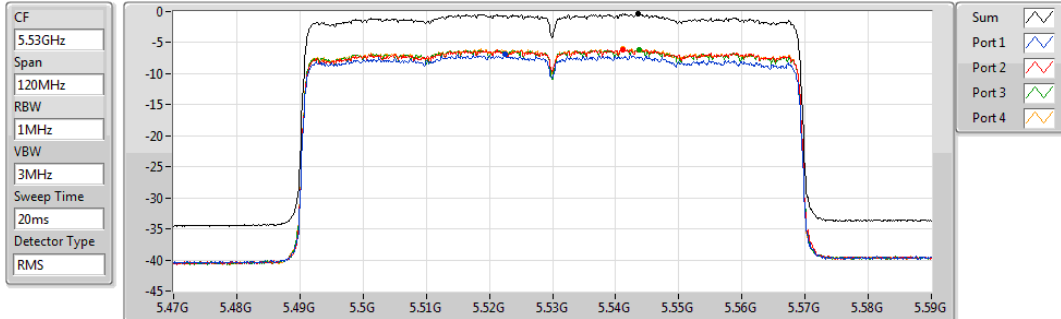


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5530MHz

01/11/2019



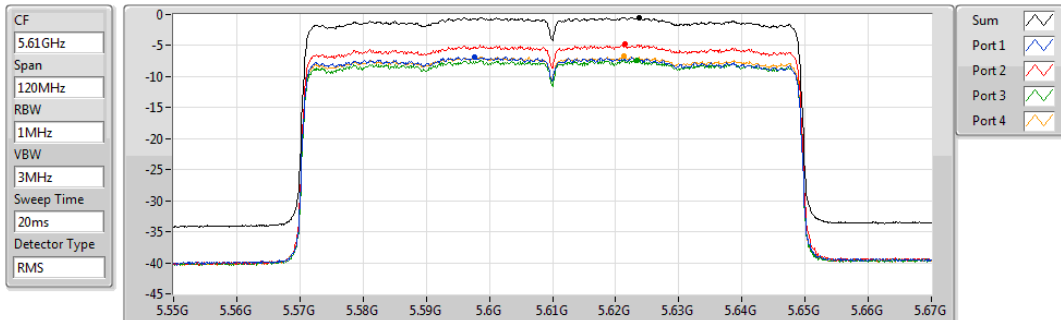
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.40	-0.40	-6.90	-6.08	-6.07	-5.96

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5610MHz

01/11/2019



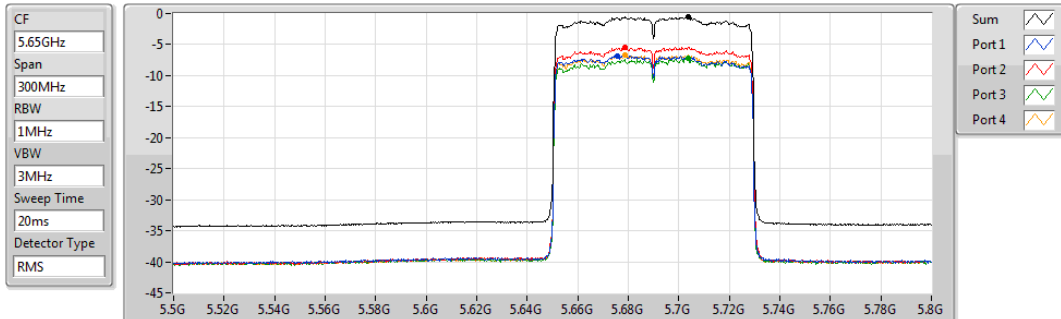
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.47	-0.47	-6.86	-4.83	-7.36	-6.75

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

01/11/2019



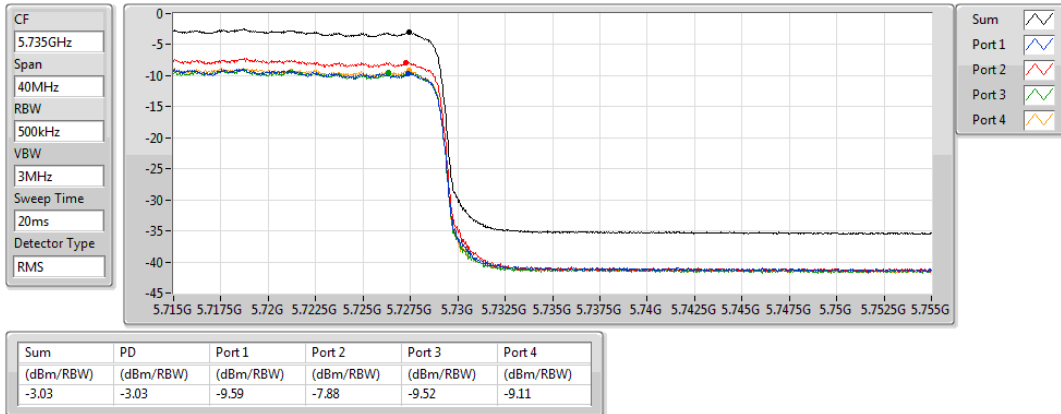
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.57	-0.57	-6.84	-5.41	-7.26	-6.69

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

01/11/2019

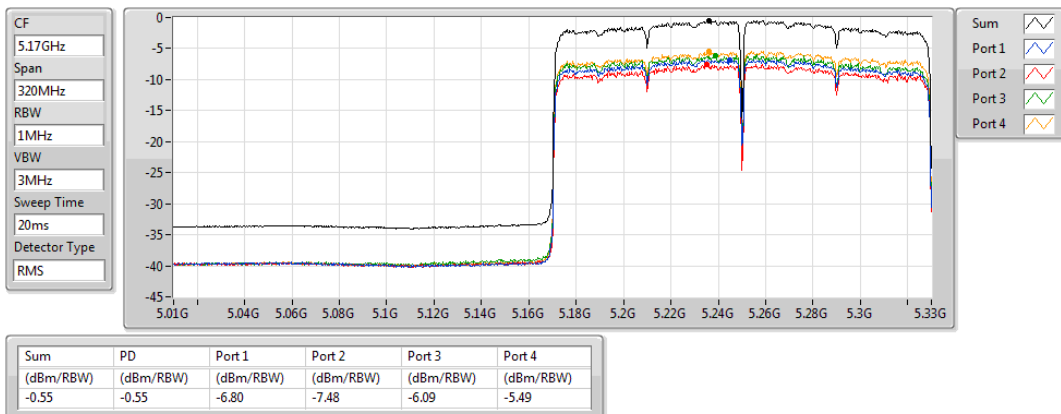


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

01/11/2019

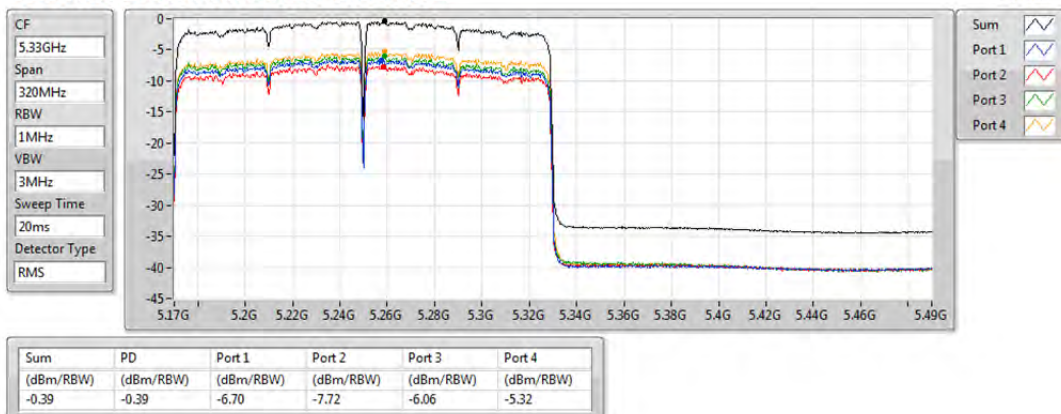


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

01/11/2019

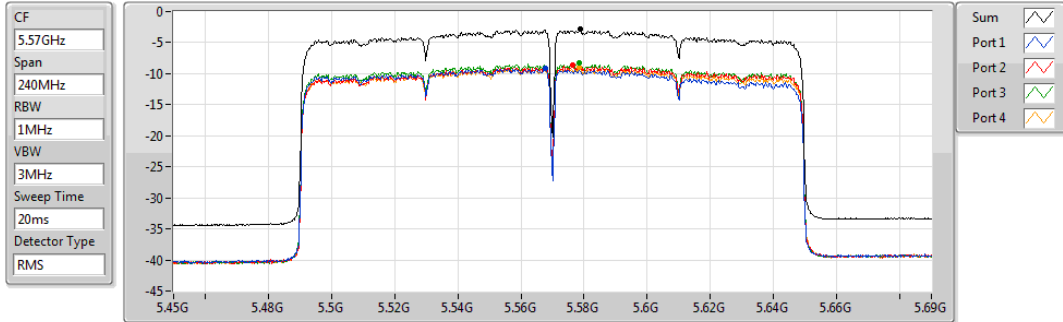


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5570MHz

01/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.87	-2.87	-9.19	-8.70	-8.25	-8.94

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT160_Nss4,(MCS0)_4TX	-1.90
802.11ax HEW160_Nss4,(MCS0)_4TX	-1.82
5.25-5.35GHz	-
802.11ac VHT20_Nss4,(MCS0)_4TX	10.47
802.11ac VHT40_Nss4,(MCS0)_4TX	8.08
802.11ac VHT80_Nss4,(MCS0)_4TX	2.72
802.11ac VHT160_Nss4,(MCS0)_4TX	-1.92
802.11ax HEW20_Nss4,(MCS0)_4TX	10.87
802.11ax HEW40_Nss4,(MCS0)_4TX	8.16
802.11ax HEW80_Nss4,(MCS0)_4TX	2.92
802.11ax HEW160_Nss4,(MCS0)_4TX	-1.94
5.47-5.725GHz	-
802.11ac VHT20_Nss4,(MCS0)_4TX	10.88
802.11ac VHT40_Nss4,(MCS0)_4TX	8.15
802.11ac VHT80_Nss4,(MCS0)_4TX	5.20
802.11ac VHT160_Nss4,(MCS0)_4TX	-0.60
802.11ax HEW20_Nss4,(MCS0)_4TX	10.84
802.11ax HEW40_Nss4,(MCS0)_4TX	8.14
802.11ax HEW80_Nss4,(MCS0)_4TX	5.34
802.11ax HEW160_Nss4,(MCS0)_4TX	-1.02
5.725-5.85GHz	-
802.11ac VHT20_Nss4,(MCS0)_4TX	8.81
802.11ac VHT40_Nss4,(MCS0)_4TX	5.76
802.11ac VHT80_Nss4,(MCS0)_4TX	2.37
802.11ax HEW20_Nss4,(MCS0)_4TX	8.35
802.11ax HEW40_Nss4,(MCS0)_4TX	5.43
802.11ax HEW80_Nss4,(MCS0)_4TX	1.77

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)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.36	4.86	3.95	5.13	2.83	10.12	11.00
5300MHz	Pass	5.36	4.75	3.98	3.47	3.60	9.83	11.00
5320MHz	Pass	5.36	4.55	3.91	4.96	4.71	10.47	11.00
5500MHz	Pass	5.36	4.91	5.35	5.19	4.67	10.88	11.00
5580MHz	Pass	5.36	4.84	5.14	4.87	4.42	10.70	11.00
5700MHz	Pass	5.36	2.10	3.38	2.12	2.04	8.25	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.36	4.02	5.17	4.16	3.89	10.21	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.36	2.45	3.91	2.59	2.31	8.81	30.00
802.11ac VHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.36	2.15	1.65	2.58	2.56	8.08	11.00
5310MHz	Pass	5.36	0.06	-1.05	0.06	0.20	5.63	11.00
5510MHz	Pass	5.36	-1.59	-0.86	-1.81	-1.66	4.33	11.00
5550MHz	Pass	5.36	2.07	2.54	2.27	2.34	8.15	11.00
5670MHz	Pass	5.36	0.50	2.02	0.28	0.66	6.76	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.36	1.65	2.75	1.39	1.73	7.76	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.36	-0.77	0.74	-0.40	-0.31	5.76	30.00
802.11ac VHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.36	-3.47	-3.73	-2.40	-2.73	2.72	11.00
5530MHz	Pass	5.36	-2.76	-2.33	-2.96	-4.40	2.88	11.00
5610MHz	Pass	5.36	-0.52	0.32	-1.02	-1.18	5.20	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.36	-0.78	-0.22	-1.27	-1.51	4.90	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.36	-3.67	-2.51	-3.84	-4.06	2.37	30.00
802.11ac VHT160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.36	-7.48	-7.66	-7.91	-7.62	-1.90	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.36	-7.88	-7.69	-7.79	-7.62	-1.92	11.00
5570MHz	Pass	5.36	-5.77	-5.96	-7.21	-7.16	-0.60	11.00
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.36	5.02	4.10	5.26	5.17	10.87	11.00
5300MHz	Pass	5.36	4.92	4.04	5.21	5.06	10.75	11.00
5320MHz	Pass	5.36	4.92	4.32	5.16	5.06	10.76	11.00
5500MHz	Pass	5.36	4.73	5.24	5.06	4.64	10.84	11.00
5580MHz	Pass	5.36	4.77	5.21	4.82	4.60	10.73	11.00
5700MHz	Pass	5.36	2.09	3.47	2.09	2.18	8.38	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.36	4.17	5.44	4.20	4.05	10.42	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.36	2.09	3.36	2.08	1.97	8.35	30.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.36	2.33	1.69	2.68	2.48	8.16	11.00
5310MHz	Pass	5.36	-0.04	-0.85	-0.05	0.14	5.72	11.00
5510MHz	Pass	5.36	-1.49	-0.75	-1.91	-1.87	4.34	11.00
5550MHz	Pass	5.36	2.07	2.75	2.11	2.10	8.14	11.00
5670MHz	Pass	5.36	0.78	2.19	0.09	0.83	6.95	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.36	1.66	2.83	1.37	1.75	7.83	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.36	-1.01	0.47	-0.76	-0.71	5.43	30.00



Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.36	-3.33	-3.56	-2.60	-2.67	2.92	11.00
5530MHz	Pass	5.36	-2.72	-2.89	-2.91	-4.31	2.61	11.00
5610MHz	Pass	5.36	-0.35	0.30	-1.16	-0.98	5.34	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.36	-0.37	-0.33	-1.68	-1.67	4.85	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.36	-4.20	-3.32	-4.27	-4.80	1.77	30.00
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.36	-7.77	-7.77	-7.69	-7.59	-1.82	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.36	-8.11	-7.73	-7.92	-7.74	-1.94	11.00
5570MHz	Pass	5.36	-6.12	-6.47	-7.60	-7.37	-1.02	11.00

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

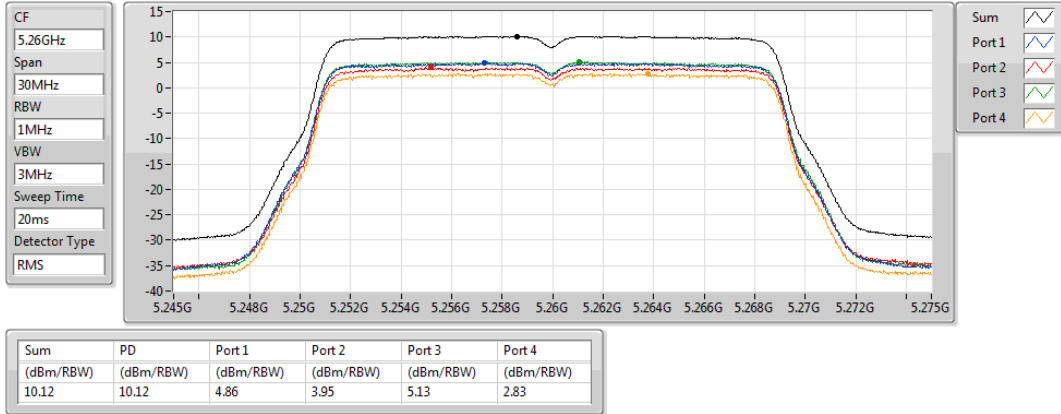
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20_Nss4,(MCS0)_4TX

PSD

5260MHz

29/10/2019

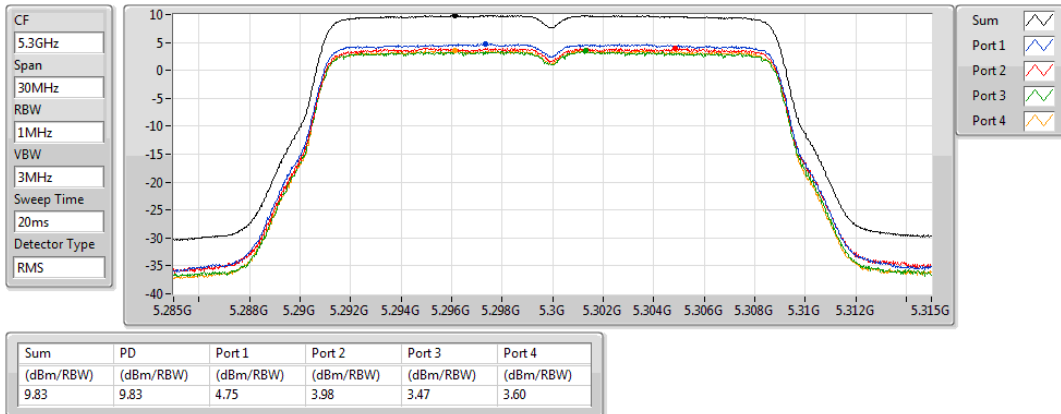


802.11ac VHT20_Nss4,(MCS0)_4TX

PSD

5300MHz

29/10/2019

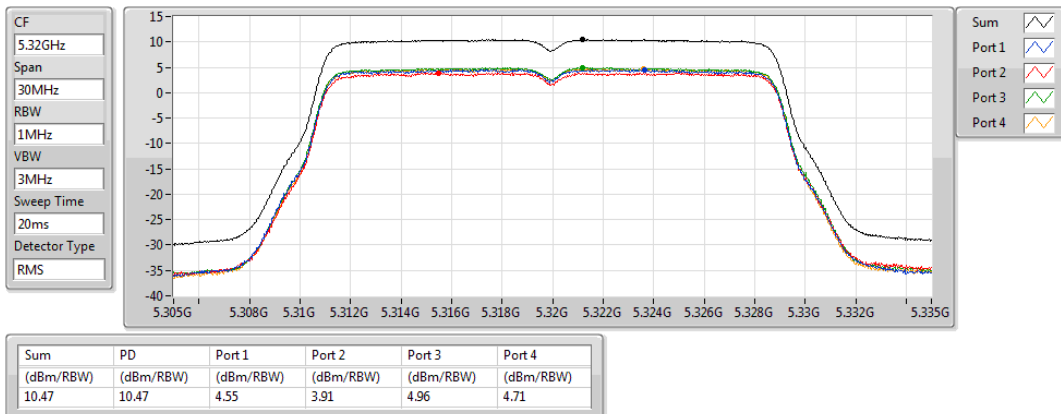


802.11ac VHT20_Nss4,(MCS0)_4TX

PSD

5320MHz

29/10/2019

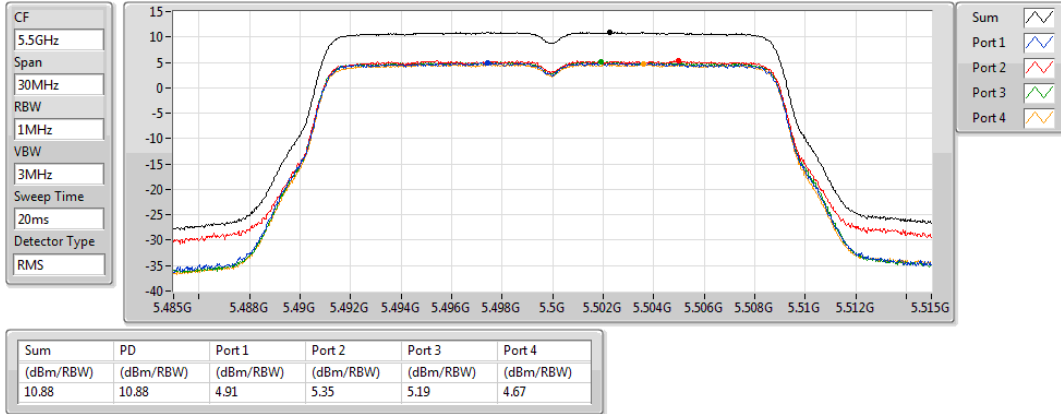


802.11ac VHT20_Nss4,(MCS0)_4TX

PSD

5500MHz

29/10/2019

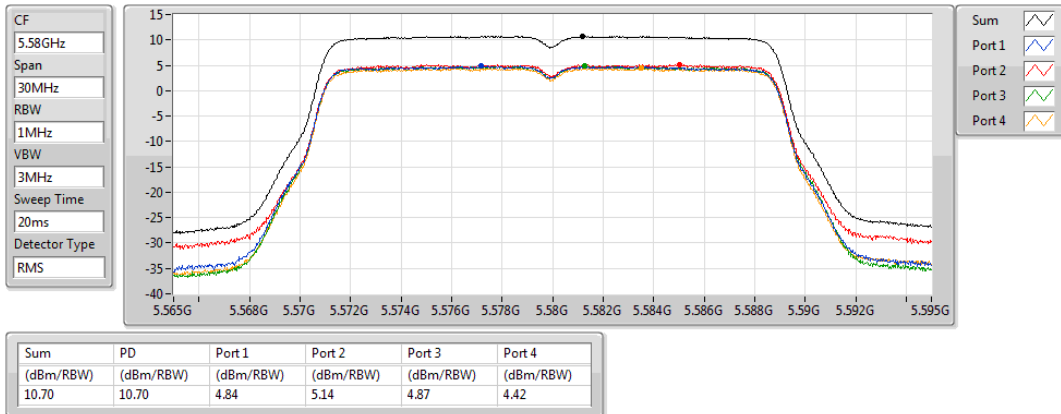


802.11ac VHT20_Nss4,(MCS0)_4TX

PSD

5580MHz

29/10/2019

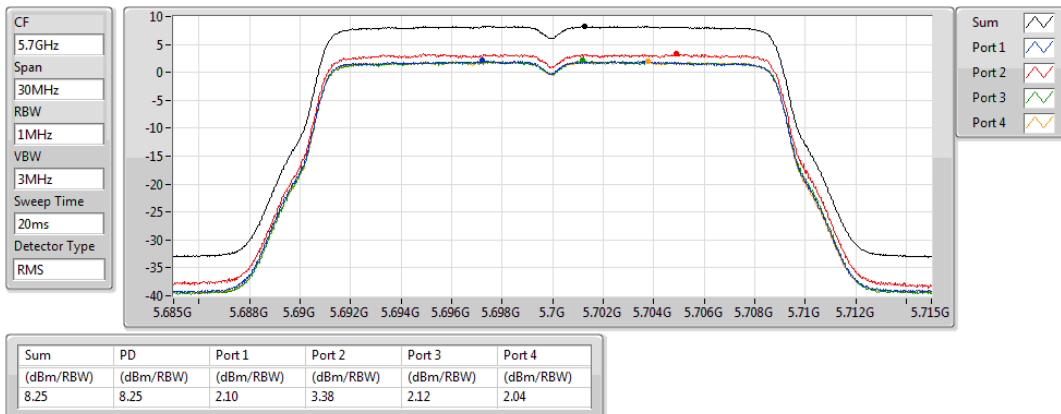


802.11ac VHT20_Nss4,(MCS0)_4TX

PSD

5700MHz

29/10/2019

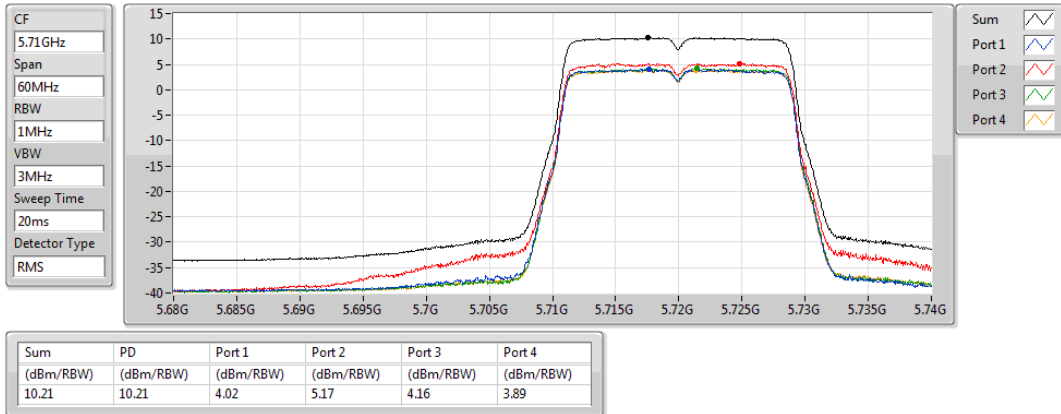


802.11ac VHT20_Nss4,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz

PSD

29/10/2019

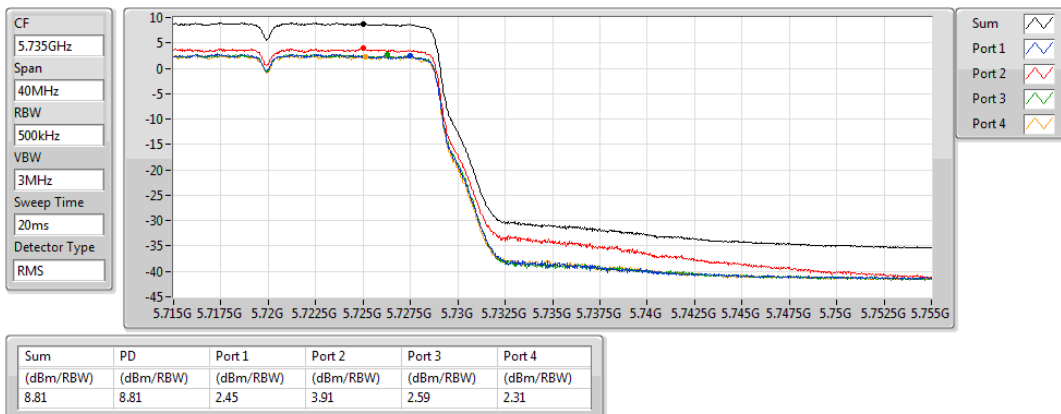


802.11ac VHT20_Nss4,(MCS0)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

29/10/2019

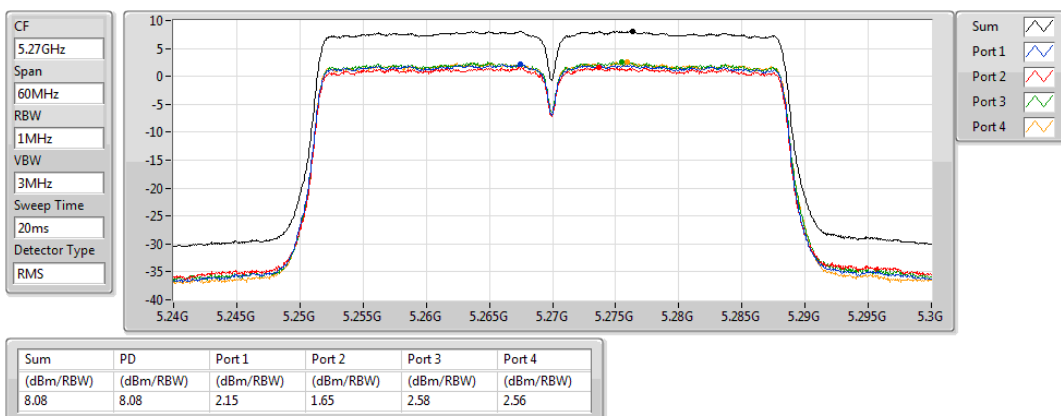


802.11ac VHT40_Nss4,(MCS0)_4TX

5270MHz

PSD

29/10/2019

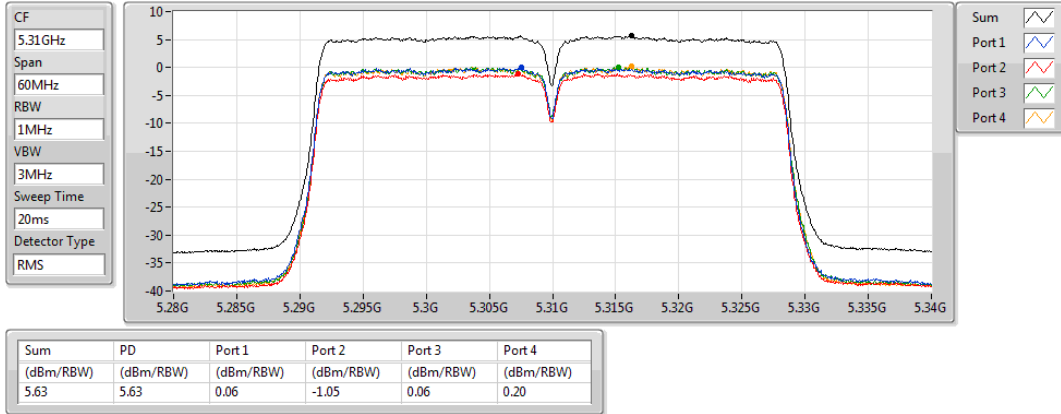


802.11ac VHT40_Nss4,(MCS0)_4TX

PSD

5310MHz

29/10/2019

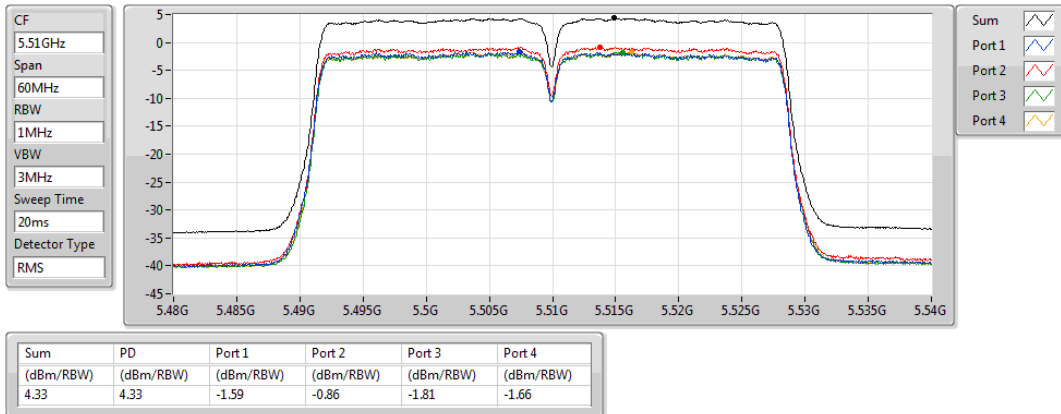


802.11ac VHT40_Nss4,(MCS0)_4TX

PSD

5510MHz

29/10/2019

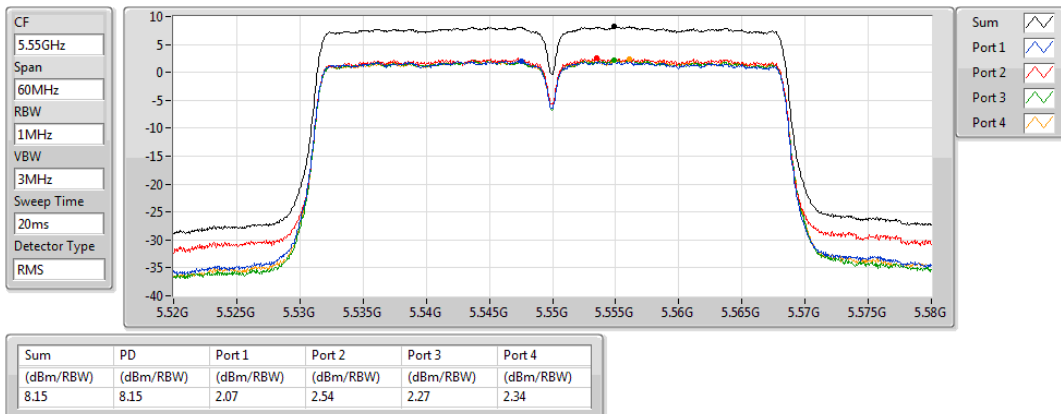


802.11ac VHT40_Nss4,(MCS0)_4TX

PSD

5550MHz

29/10/2019

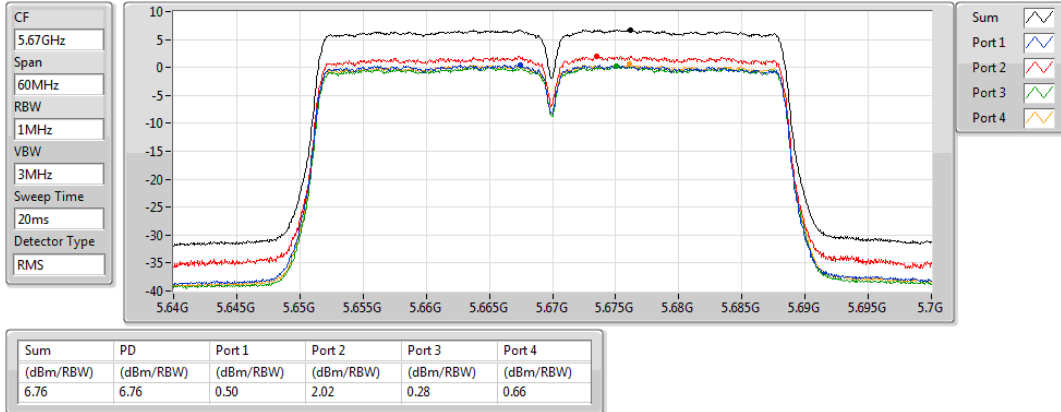


802.11ac VHT40_Nss4,(MCS0)_4TX

PSD

5670MHz

29/10/2019

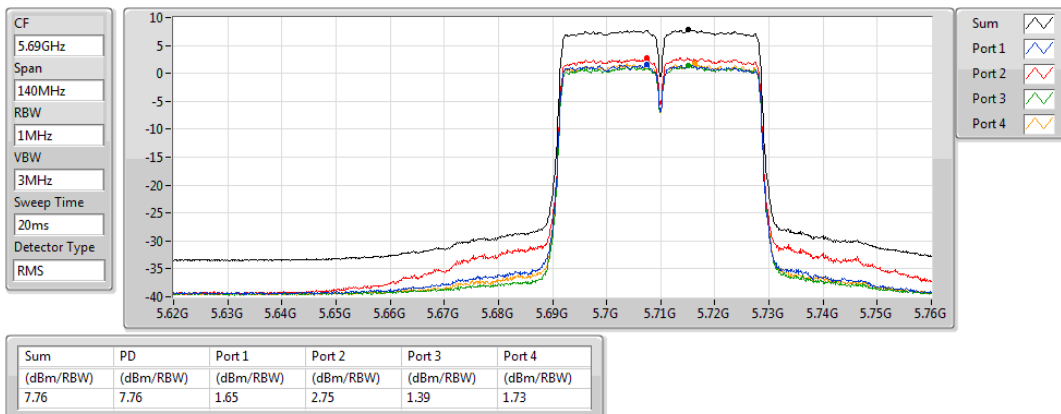


802.11ac VHT40_Nss4,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

29/10/2019

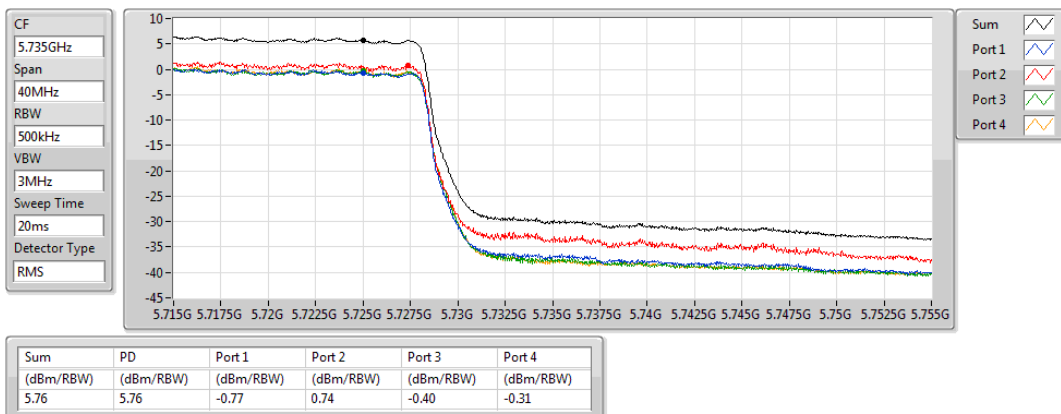


802.11ac VHT40_Nss4,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

29/10/2019

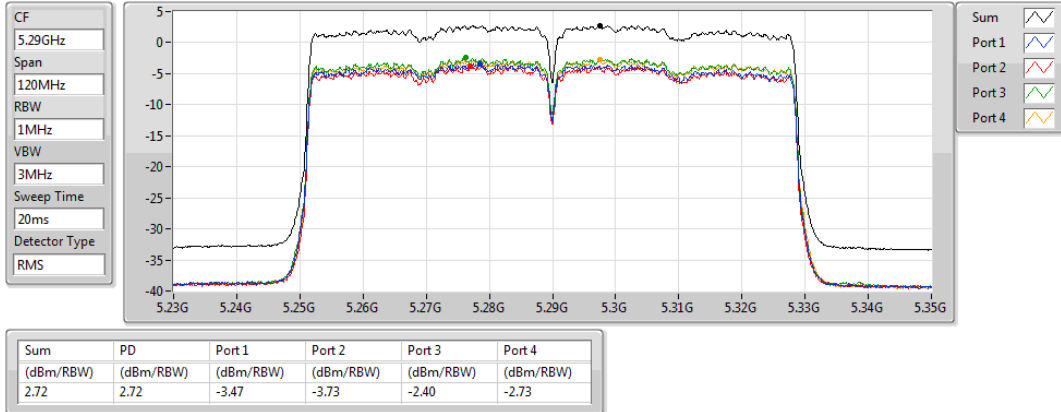


802.11ac VHT80_Nss4,(MCS0)_4TX

PSD

5290MHz

29/10/2019

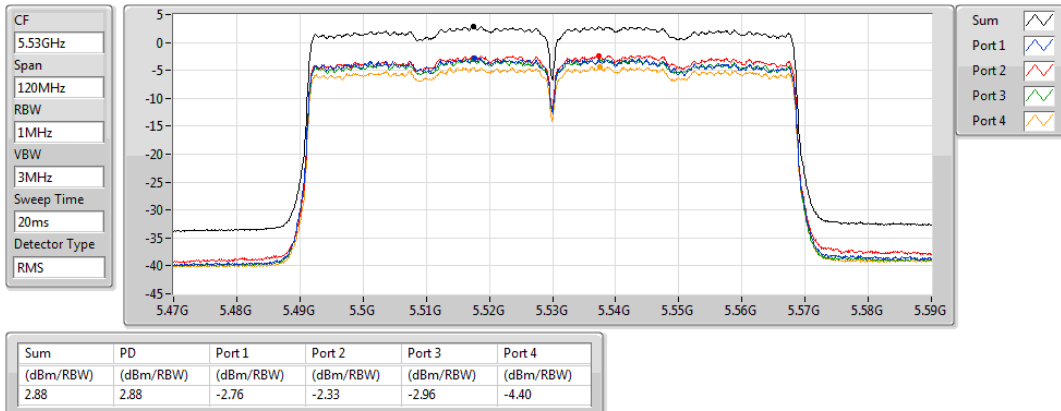


802.11ac VHT80_Nss4,(MCS0)_4TX

PSD

5530MHz

29/10/2019

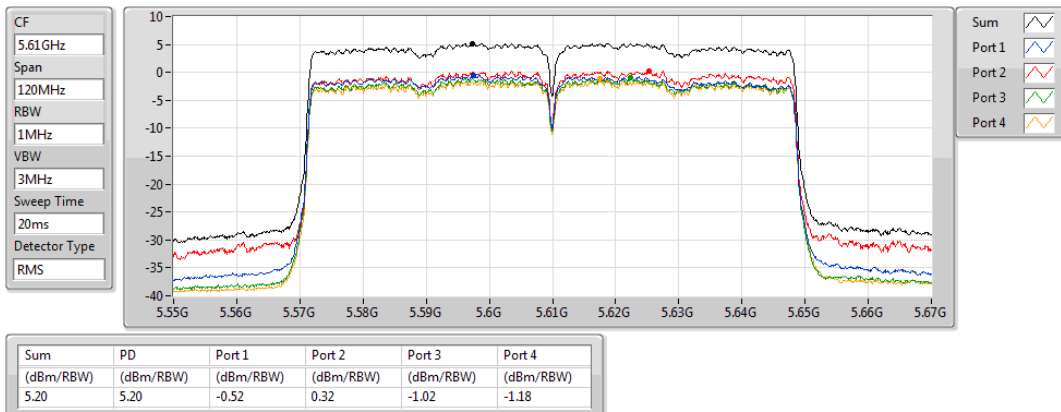


802.11ac VHT80_Nss4,(MCS0)_4TX

PSD

5610MHz

29/10/2019

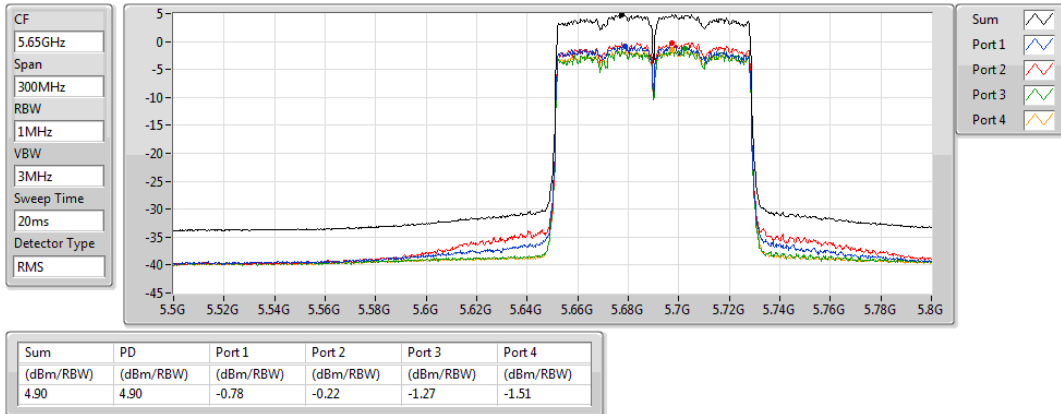


802.11ac VHT80_Nss4,(MCS0)_4TX

5690MHz Straddle 5.47-5.725GHz

PSD

29/10/2019

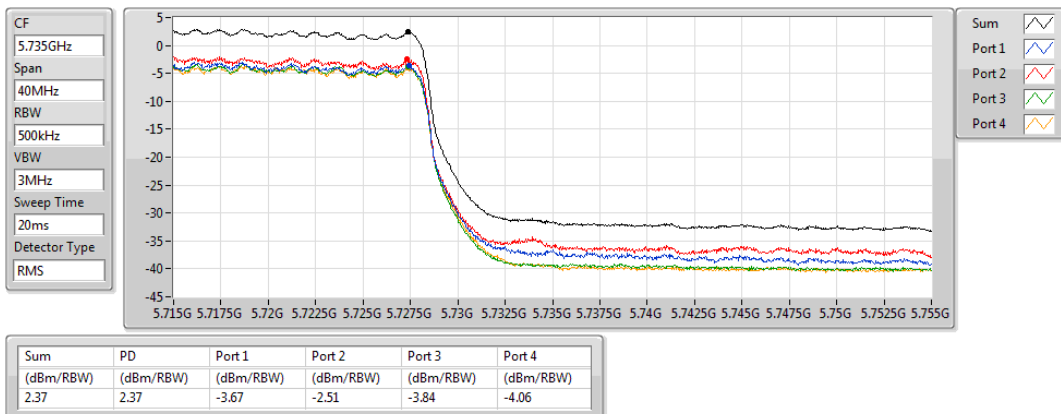


802.11ac VHT80_Nss4,(MCS0)_4TX

5690MHz Straddle 5.725-5.85GHz

PSD

29/10/2019

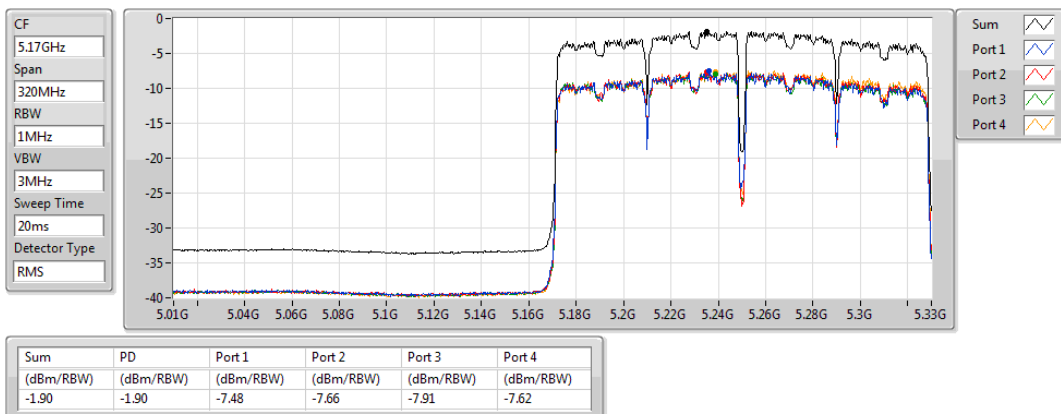


802.11ac VHT160_Nss4,(MCS0)_4TX

5250MHz Straddle 5.15-5.25GHz

PSD

29/10/2019

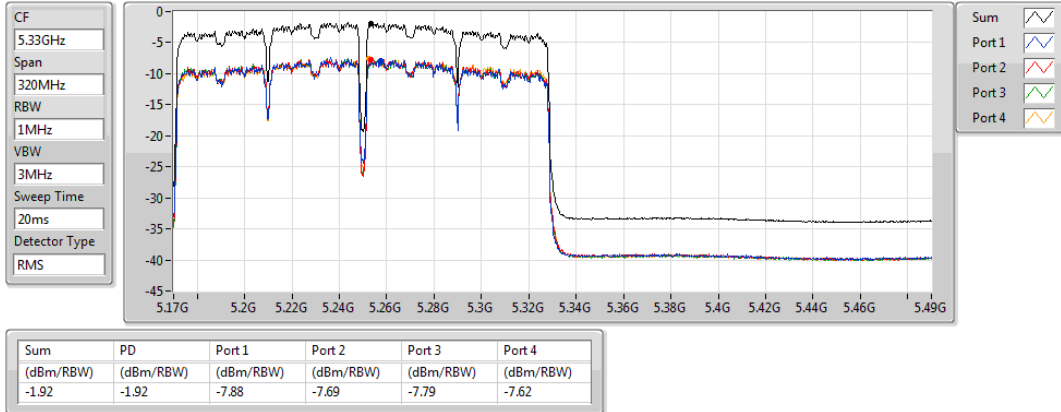


802.11ac VHT160_Nss4,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

29/10/2019

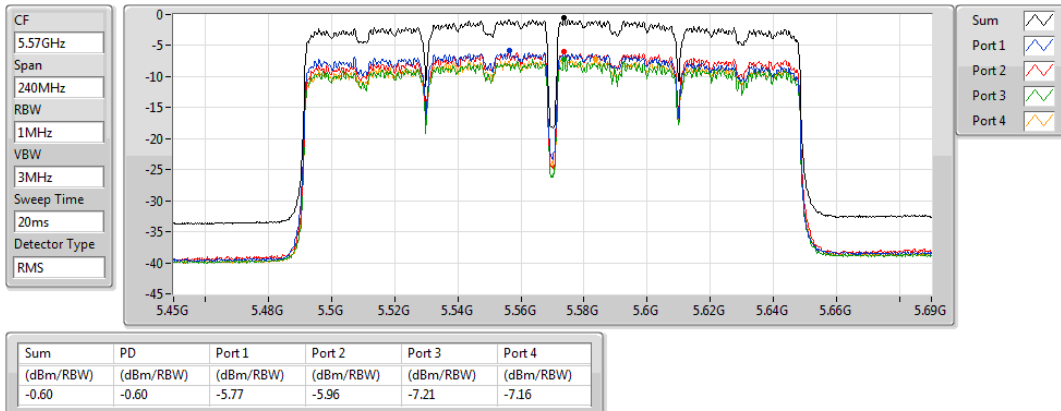


802.11ac VHT160_Nss4,(MCS0)_4TX

PSD

5570MHz

29/10/2019

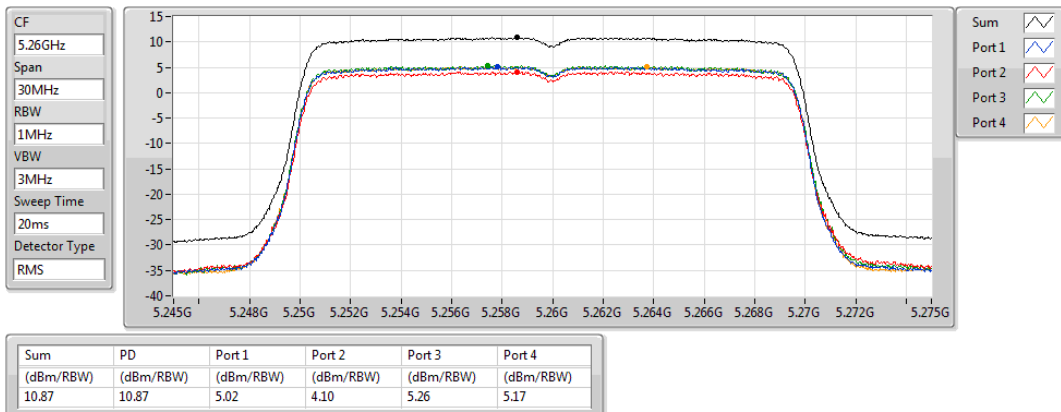


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5260MHz

29/10/2019

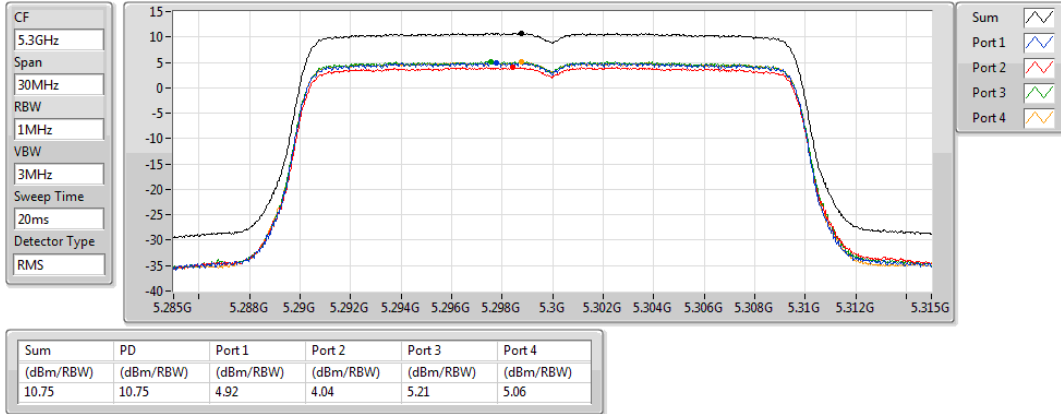


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5300MHz

29/10/2019

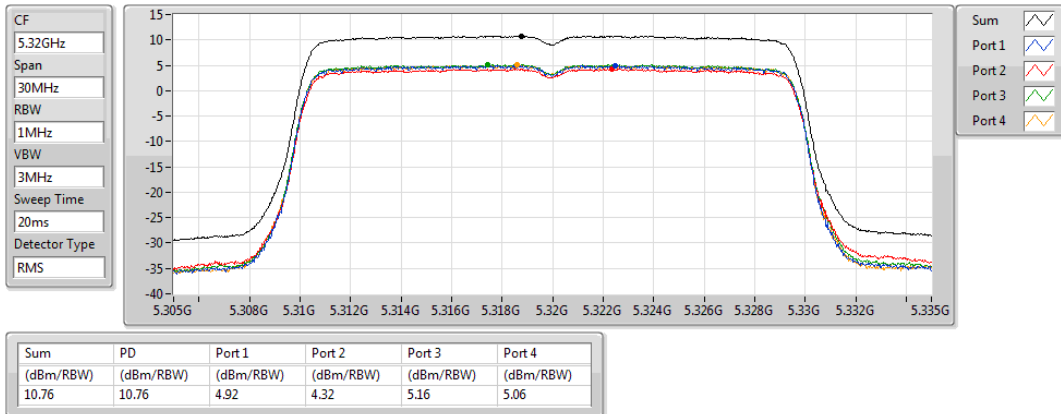


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5320MHz

29/10/2019

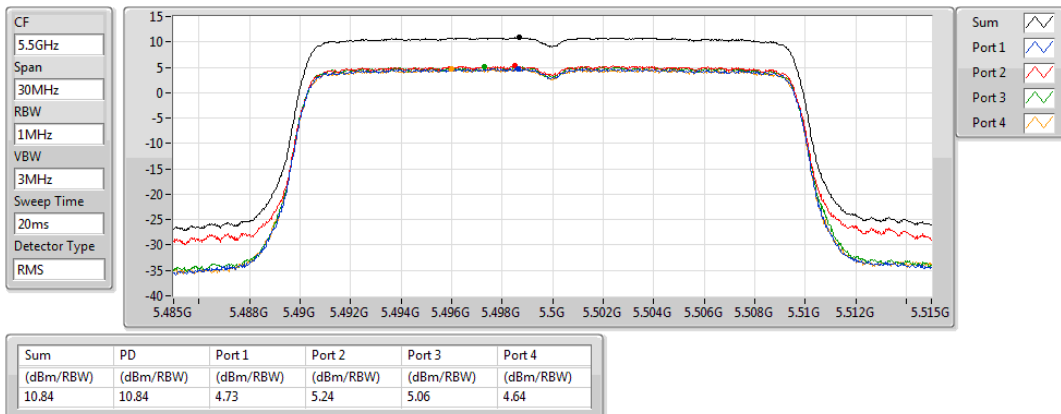


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5500MHz

29/10/2019

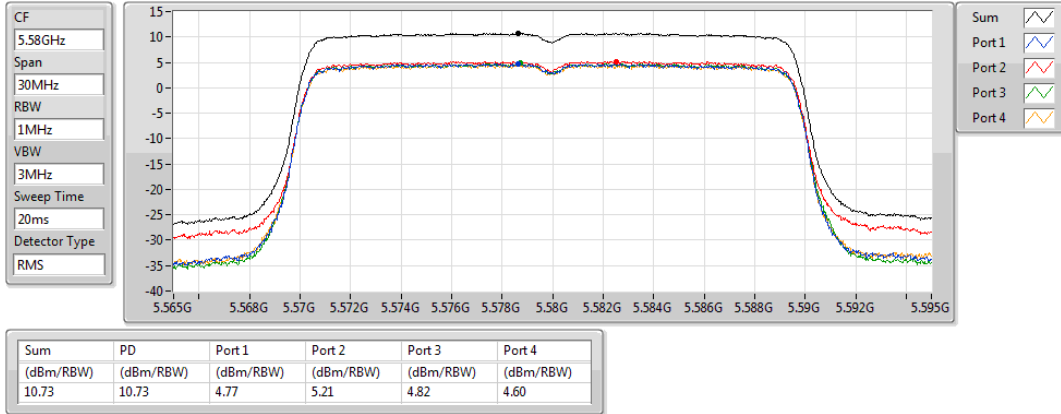


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5580MHz

29/10/2019

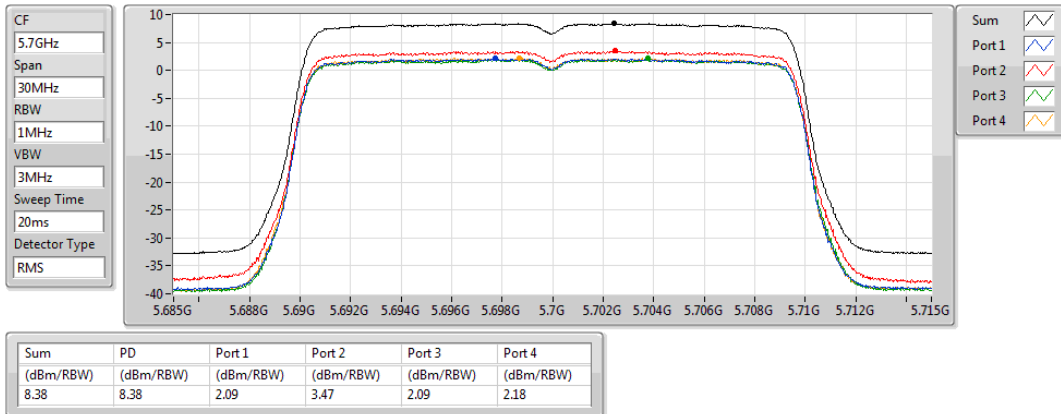


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5700MHz

29/10/2019

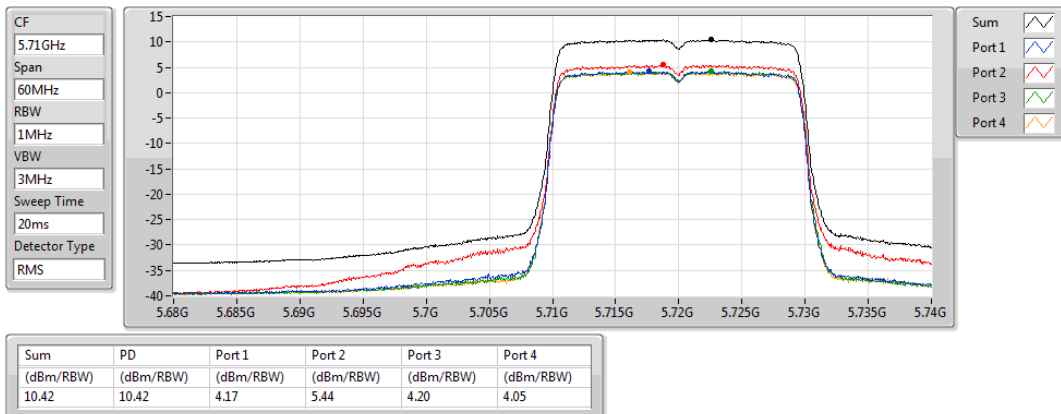


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

29/10/2019

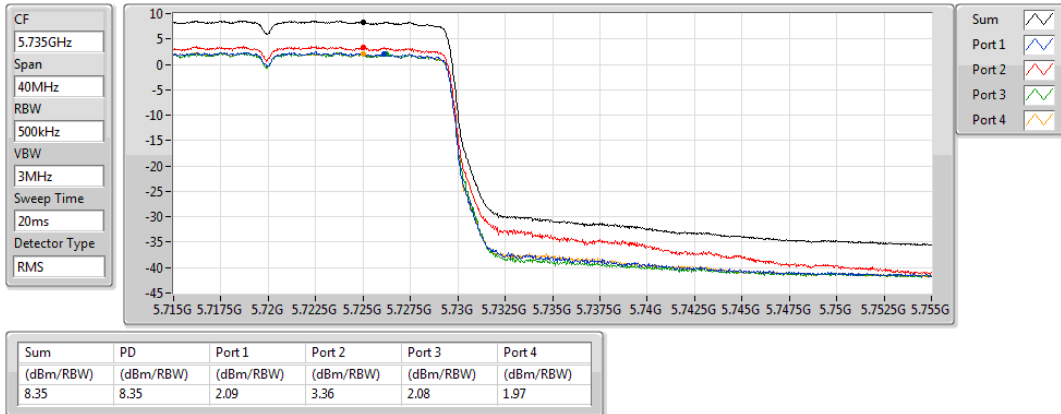


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

29/10/2019

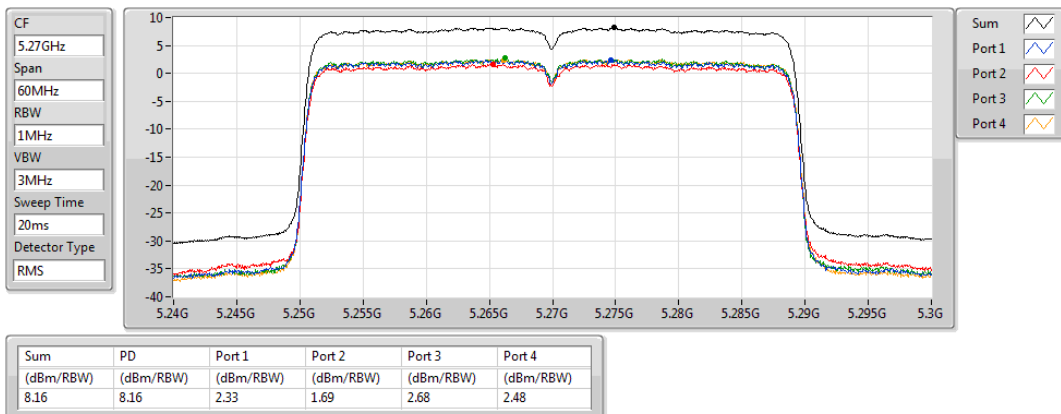


802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5270MHz

29/10/2019

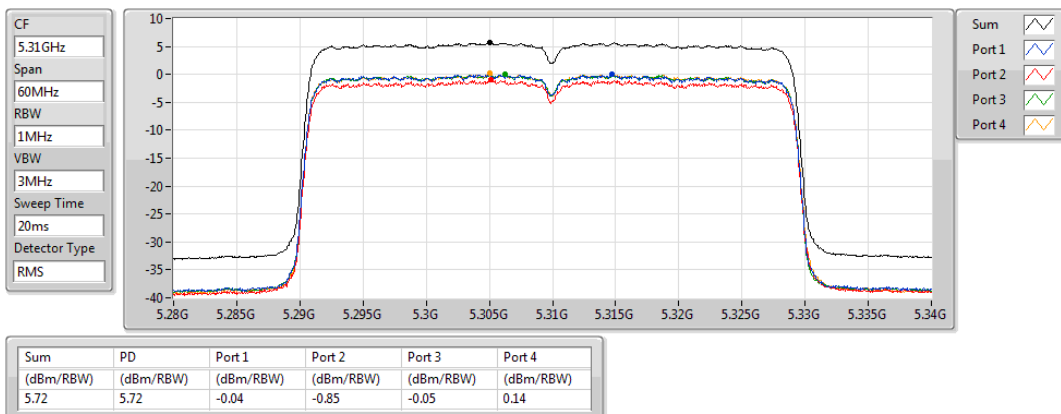


802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5310MHz

29/10/2019

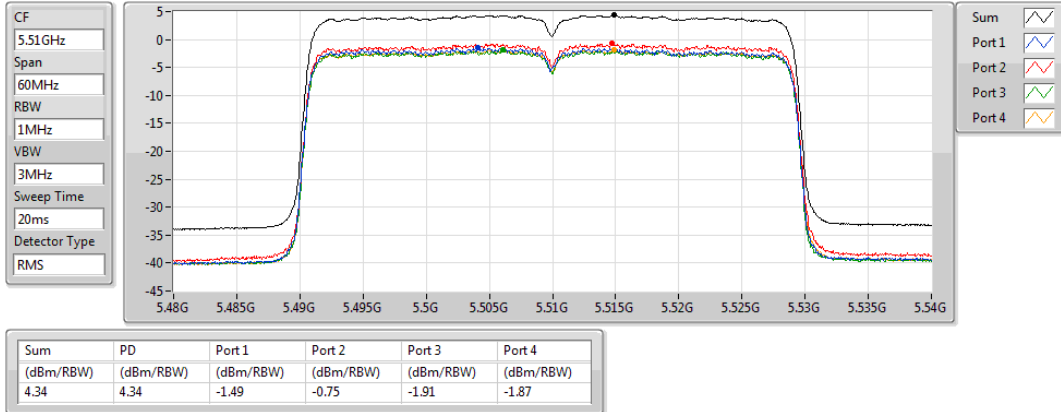


802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5510MHz

29/10/2019

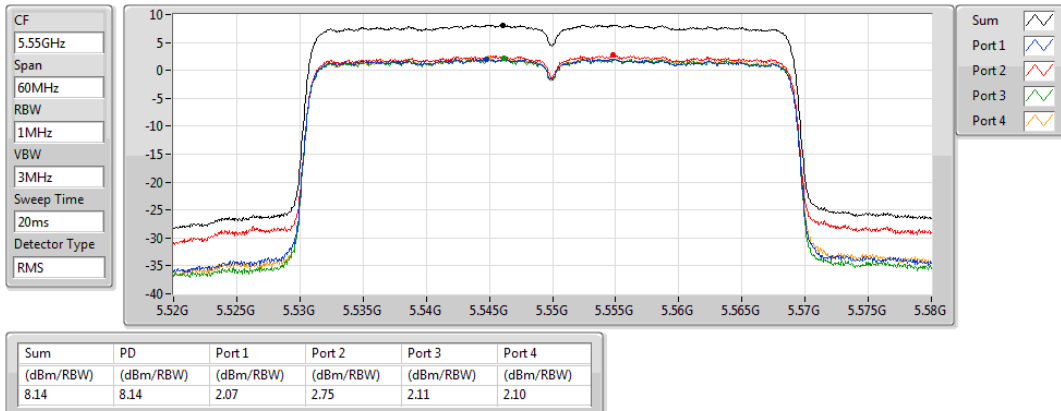


802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5550MHz

29/10/2019

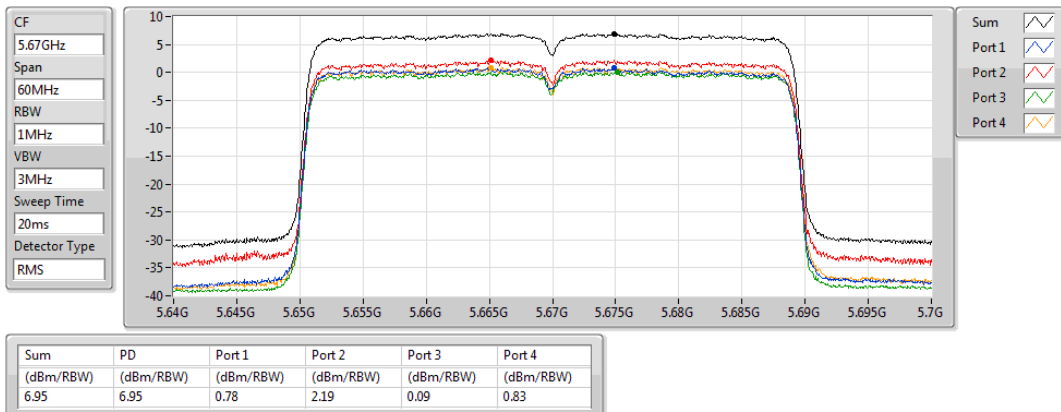


802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5670MHz

29/10/2019

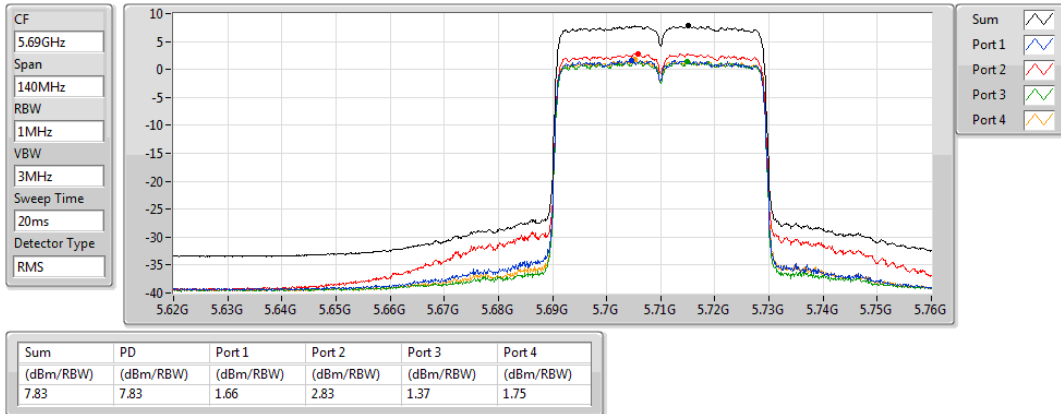


802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

29/10/2019

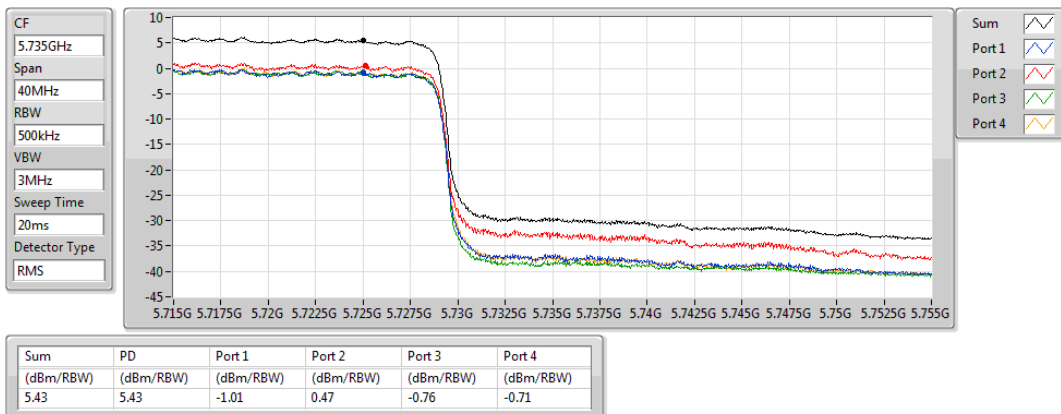


802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

29/10/2019

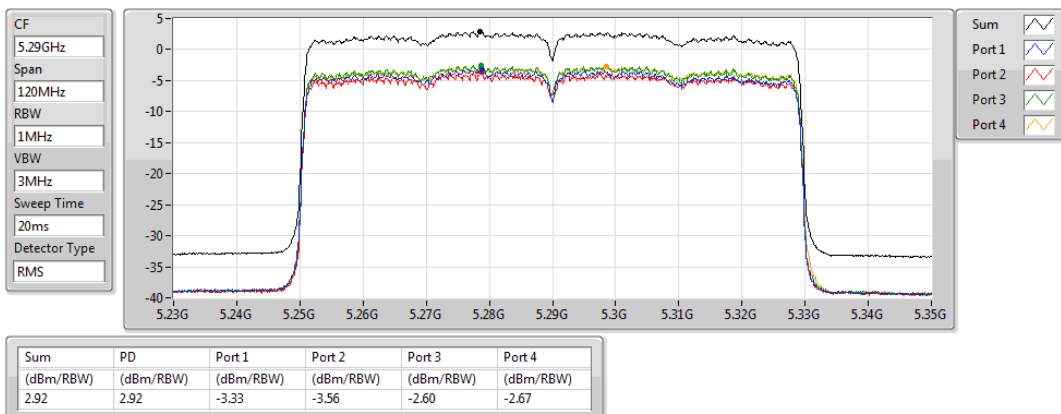


802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5290MHz

29/10/2019

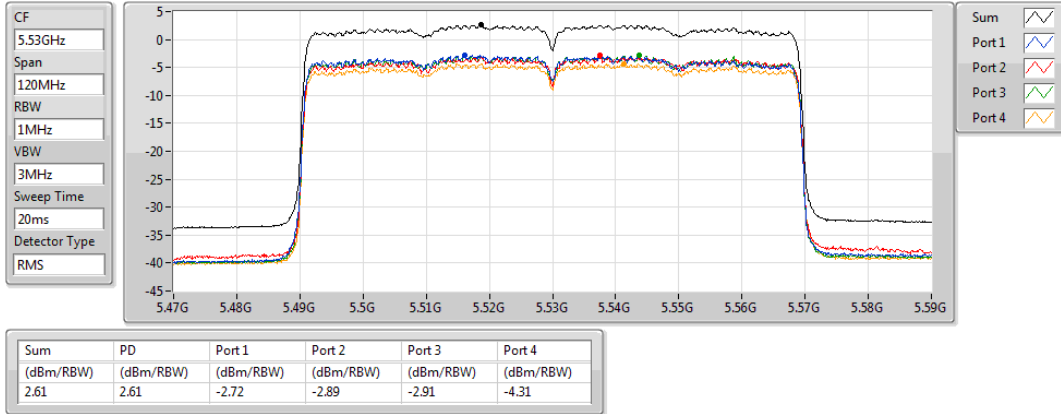


802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5530MHz

29/10/2019

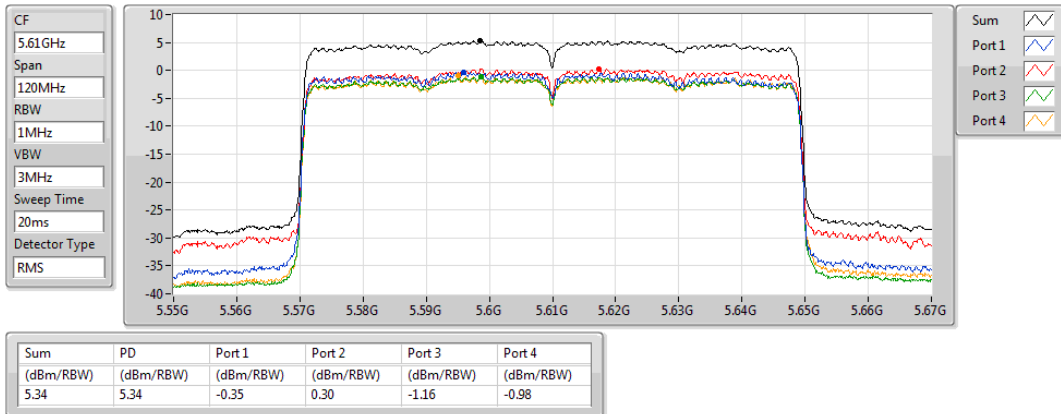


802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5610MHz

29/10/2019

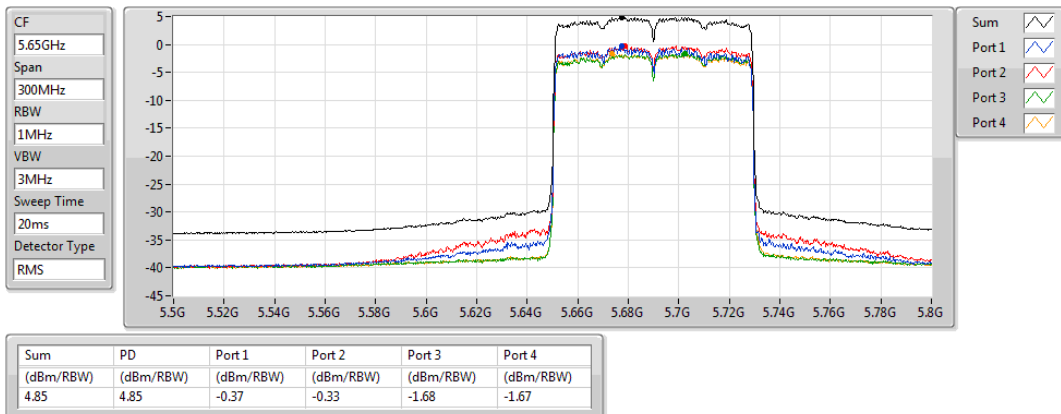


802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

29/10/2019

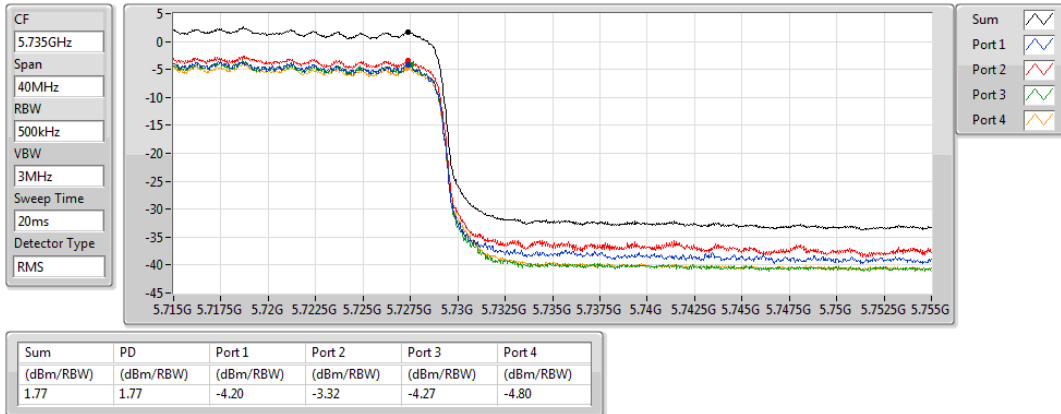


802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

29/10/2019

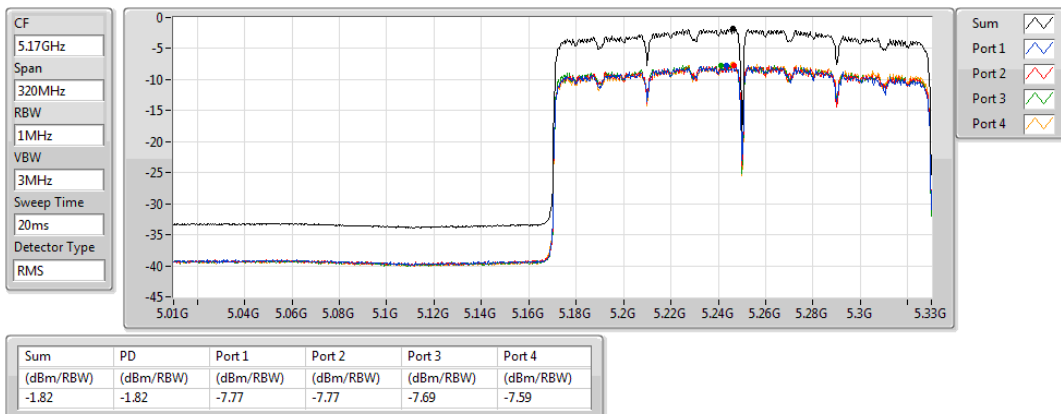


802.11ax HEW160_Nss4,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

29/10/2019

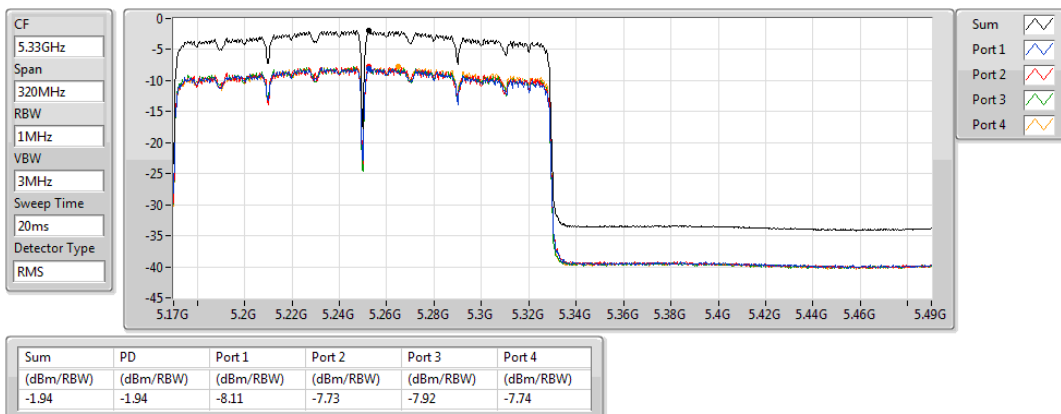


802.11ax HEW160_Nss4,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

29/10/2019

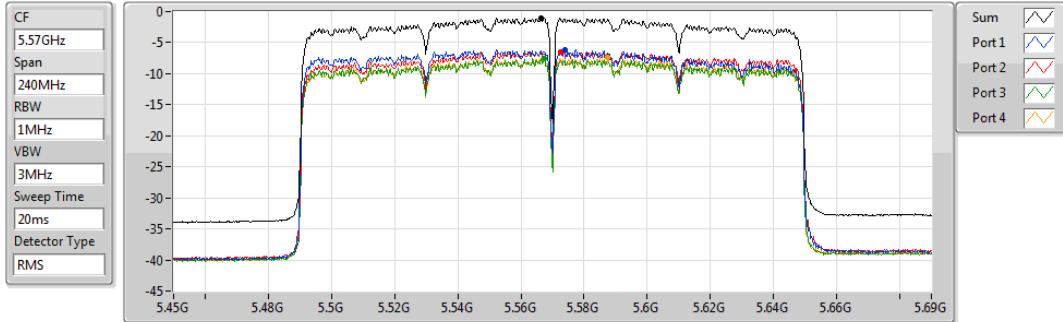


802.11ax HEW160_Nss4,(MCS0)_4TX

PSD

5570MHz

29/10/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.02	-1.02	-6.12	-6.47	-7.60	-7.37

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT160_Nss1,(MCS0)_1TX	-7.17
802.11ax HEW160_Nss1,(MCS0)_1TX	-7.17
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	8.13
802.11ac VHT20_Nss1,(MCS0)_1TX	7.46
802.11ac VHT40_Nss1,(MCS0)_1TX	3.82
802.11ac VHT80_Nss1,(MCS0)_1TX	-2.94
802.11ac VHT160_Nss1,(MCS0)_1TX	-7.27
802.11ax HEW20_Nss1,(MCS0)_1TX	7.38
802.11ax HEW40_Nss1,(MCS0)_1TX	3.84
802.11ax HEW80_Nss1,(MCS0)_1TX	-2.93
802.11ax HEW160_Nss1,(MCS0)_1TX	-7.18
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX	8.90
802.11ac VHT20_Nss1,(MCS0)_1TX	8.22
802.11ac VHT40_Nss1,(MCS0)_1TX	5.10
802.11ac VHT80_Nss1,(MCS0)_1TX	1.89
802.11ac VHT160_Nss1,(MCS0)_1TX	-9.04
802.11ax HEW20_Nss1,(MCS0)_1TX	8.21
802.11ax HEW40_Nss1,(MCS0)_1TX	4.94
802.11ax HEW80_Nss1,(MCS0)_1TX	1.90
802.11ax HEW160_Nss1,(MCS0)_1TX	-8.86
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	6.11
802.11ac VHT20_Nss1,(MCS0)_1TX	5.19
802.11ac VHT40_Nss1,(MCS0)_1TX	1.25
802.11ac VHT80_Nss1,(MCS0)_1TX	-0.81
802.11ax HEW20_Nss1,(MCS0)_1TX	5.17
802.11ax HEW40_Nss1,(MCS0)_1TX	2.36
802.11ax HEW80_Nss1,(MCS0)_1TX	-0.65

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)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5260MHz	Pass	8.00	7.77	7.77	9.00
5300MHz	Pass	8.00	8.13	8.13	9.00
5320MHz	Pass	8.00	5.60	5.60	9.00
5500MHz	Pass	8.00	1.21	1.21	9.00
5580MHz	Pass	8.00	8.90	8.90	9.00
5700MHz	Pass	8.00	1.24	1.24	9.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	7.94	7.94	9.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	6.11	6.11	28.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	8.00	7.44	7.44	9.00
5300MHz	Pass	8.00	7.46	7.46	9.00
5320MHz	Pass	8.00	4.02	4.02	9.00
5500MHz	Pass	8.00	1.97	1.97	9.00
5580MHz	Pass	8.00	8.22	8.22	9.00
5700MHz	Pass	8.00	-1.53	-1.53	9.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	7.05	7.05	9.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	5.19	5.19	28.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5270MHz	Pass	8.00	3.82	3.82	9.00
5310MHz	Pass	8.00	-0.89	-0.89	9.00
5510MHz	Pass	8.00	-1.53	-1.53	9.00
5550MHz	Pass	8.00	5.10	5.10	9.00
5670MHz	Pass	8.00	0.31	0.31	9.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	4.60	4.60	9.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	1.25	1.25	28.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5290MHz	Pass	8.00	-2.94	-2.94	9.00
5530MHz	Pass	8.00	-3.84	-3.84	9.00
5610MHz	Pass	8.00	0.65	0.65	9.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	1.89	1.89	9.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	-0.81	-0.81	28.00
802.11ac VHT160_Nss1,(MCS0)_1TX	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.00	-7.17	-7.17	15.00
5250MHz Straddle 5.25-5.35GHz	Pass	8.00	-7.27	-7.27	9.00
5570MHz	Pass	8.00	-9.04	-9.04	9.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	8.00	7.27	7.27	9.00
5300MHz	Pass	8.00	7.38	7.38	9.00
5320MHz	Pass	8.00	4.21	4.21	9.00
5500MHz	Pass	8.00	1.86	1.86	9.00
5580MHz	Pass	8.00	8.21	8.21	9.00
5700MHz	Pass	8.00	-1.78	-1.78	9.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	6.90	6.90	9.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	5.17	5.17	28.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5270MHz	Pass	8.00	3.84	3.84	9.00
5310MHz	Pass	8.00	-0.77	-0.77	9.00
5510MHz	Pass	8.00	-1.73	-1.73	9.00
5550MHz	Pass	8.00	4.94	4.94	9.00
5670MHz	Pass	8.00	0.24	0.24	9.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	3.90	3.90	9.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	2.36	2.36	28.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5290MHz	Pass	8.00	-2.93	-2.93	9.00
5530MHz	Pass	8.00	-4.10	-4.10	9.00
5610MHz	Pass	8.00	0.03	0.03	9.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	1.90	1.90	9.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	-0.65	-0.65	28.00
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.00	-7.17	-7.17	15.00
5250MHz Straddle 5.25-5.35GHz	Pass	8.00	-7.18	-7.18	9.00
5570MHz	Pass	8.00	-8.86	-8.86	9.00

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

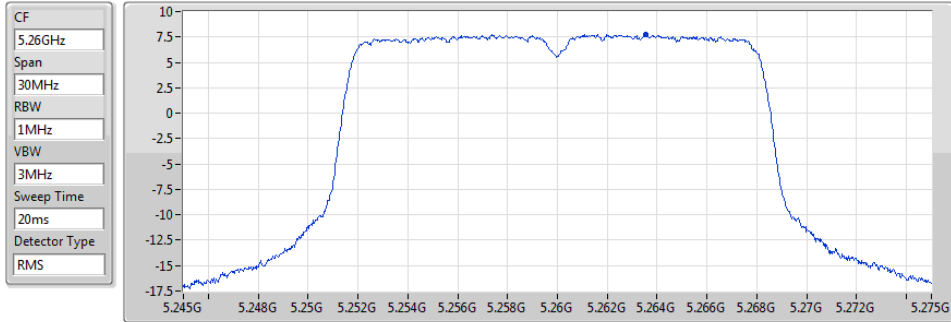
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5260MHz

02/11/2019



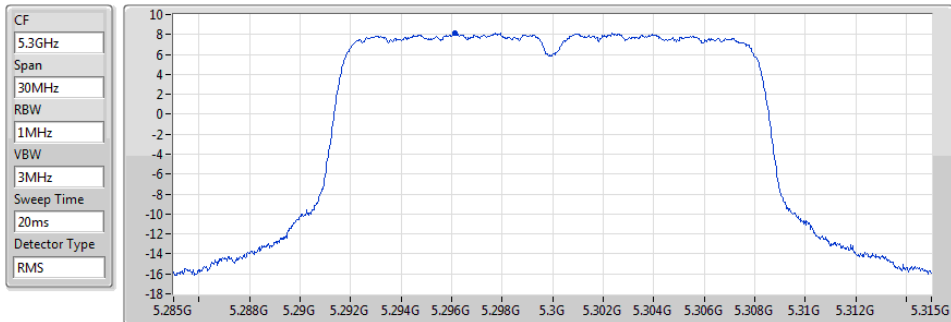
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
7.77	7.77	7.77

802.11a_Nss1,(6Mbps)_1TX

PSD

5300MHz

02/11/2019



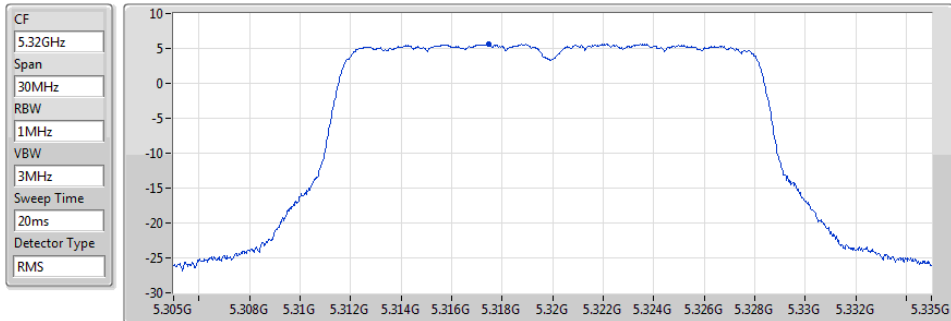
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
8.13	8.13	8.13

802.11a_Nss1,(6Mbps)_1TX

PSD

5320MHz

02/11/2019



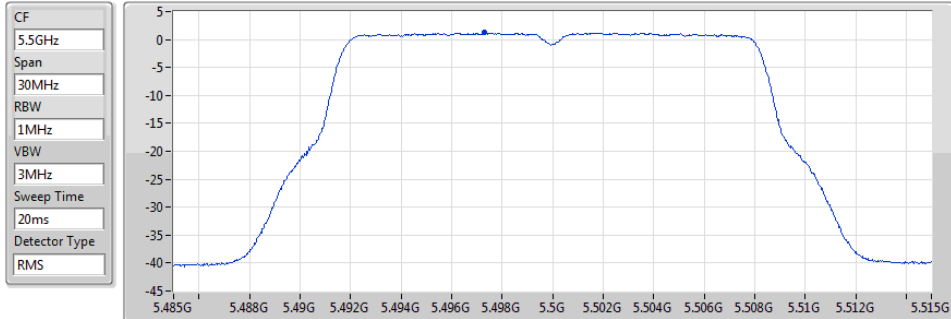
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
5.60	5.60	5.60

802.11a_Nss1,(6Mbps)_1TX

PSD

5500MHz

02/11/2019



Port 1

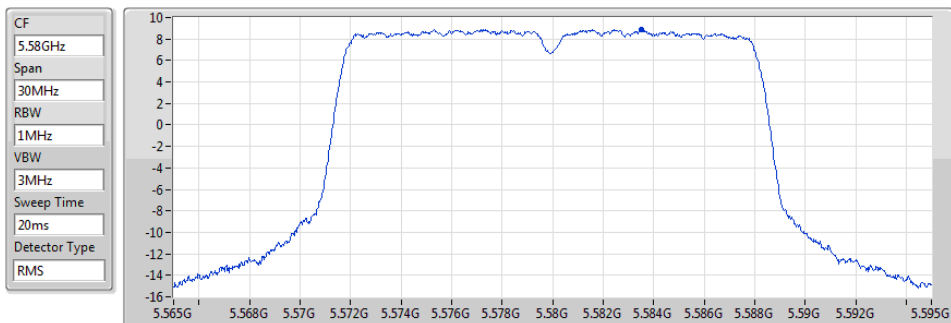
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.21	1.21	1.21

802.11a_Nss1,(6Mbps)_1TX

PSD

5580MHz

02/11/2019



Port 1

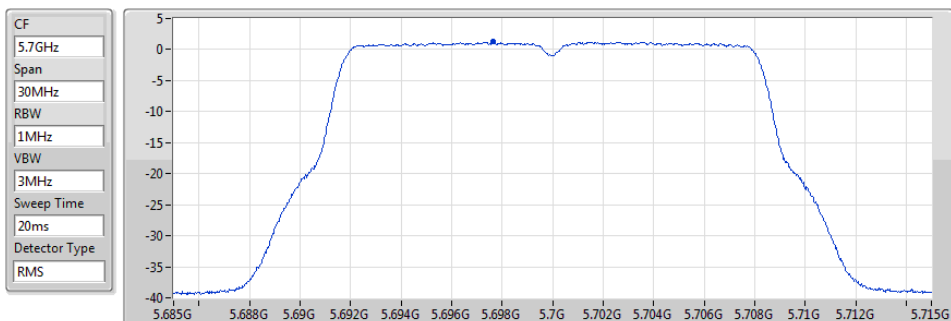
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.90	8.90	8.90

802.11a_Nss1,(6Mbps)_1TX

PSD

5700MHz

02/11/2019



Port 1

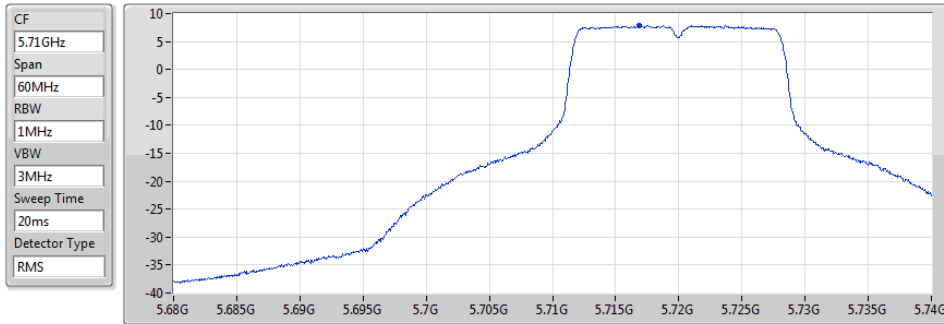
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.24	1.24	1.24

802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

02/11/2019



Port 1

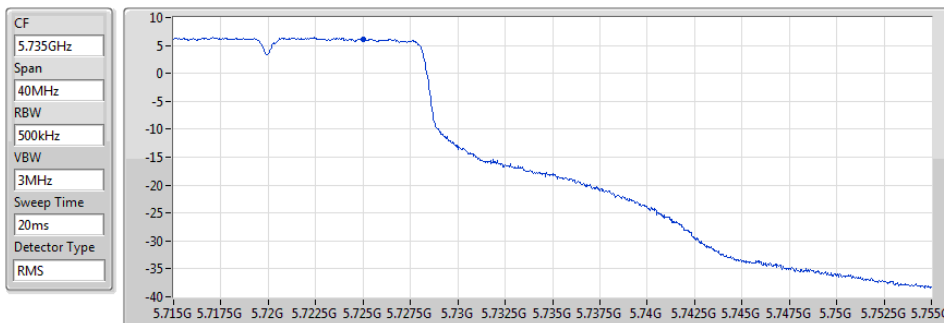
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.94	7.94	7.94

802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

02/11/2019



Port 1

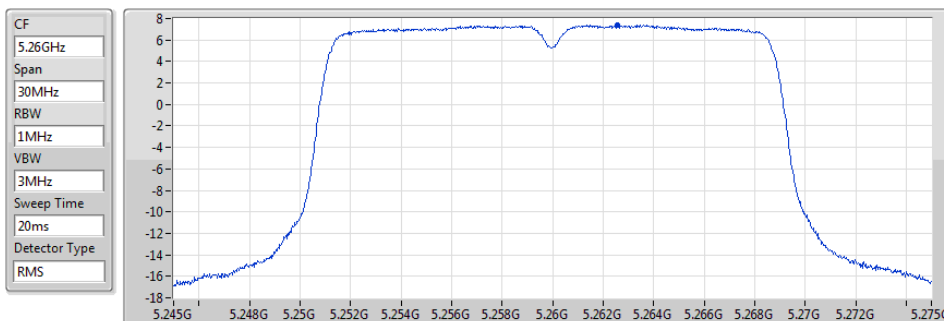
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.11	6.11	6.11

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5260MHz

02/11/2019



Port 1

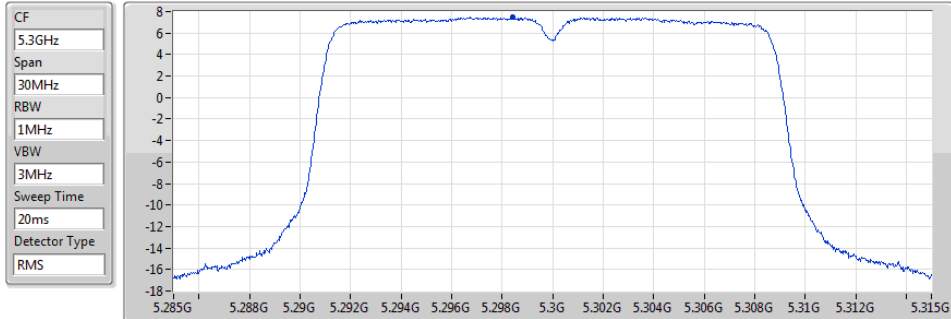
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.44	7.44	7.44

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5300MHz

02/11/2019



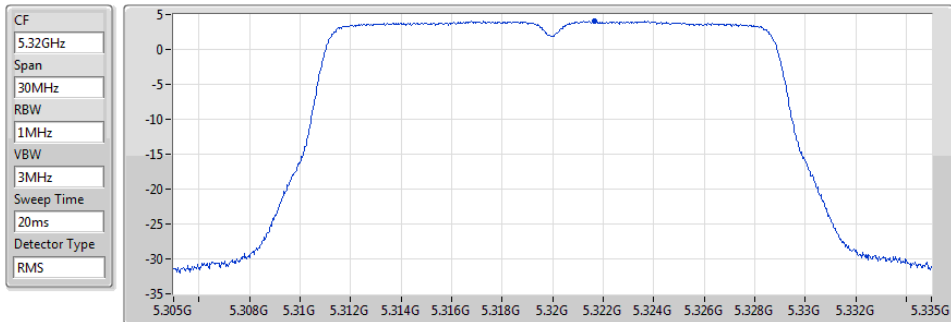
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.46	7.46	7.46

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5320MHz

02/11/2019



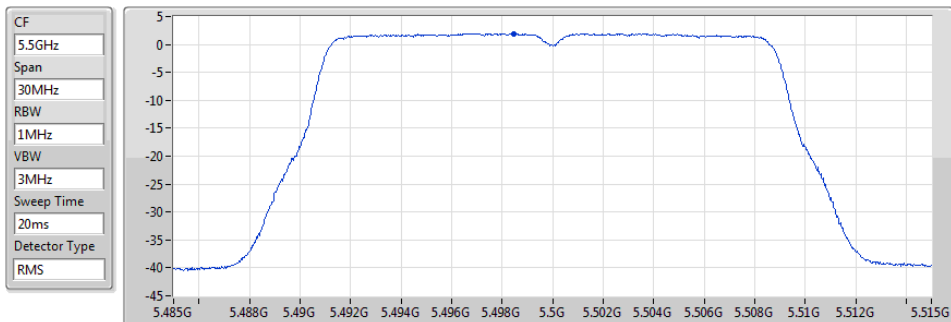
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.02	4.02	4.02

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5500MHz

02/11/2019



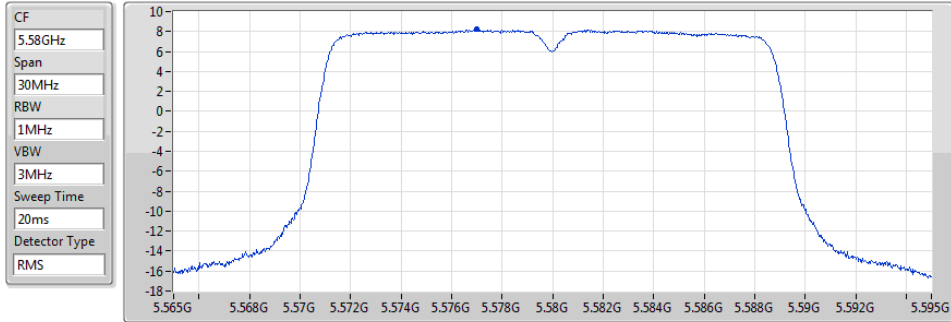
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.97	1.97	1.97

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5580MHz

02/11/2019

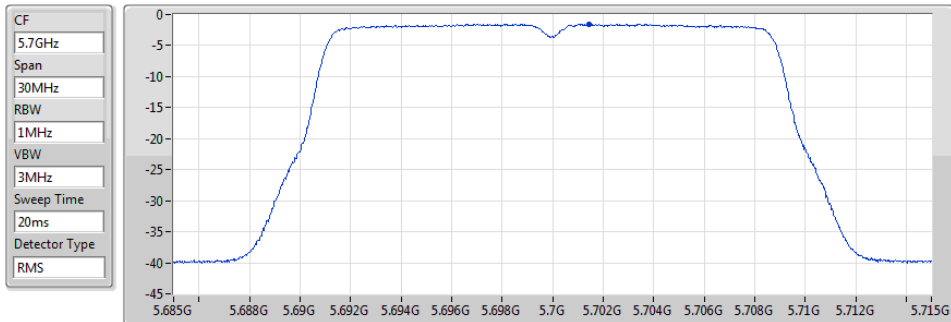


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5700MHz

02/11/2019

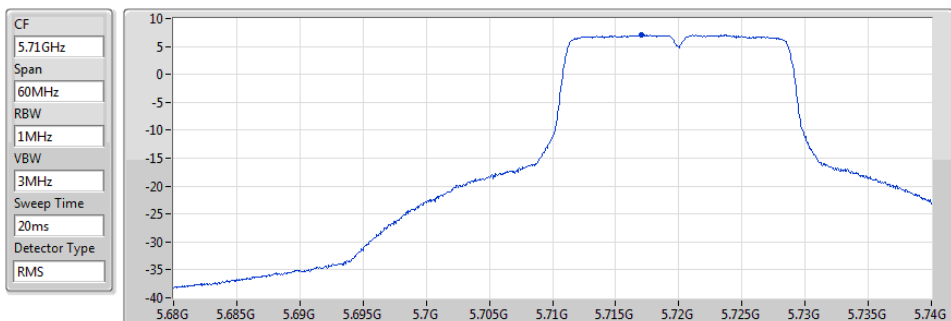


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

02/11/2019

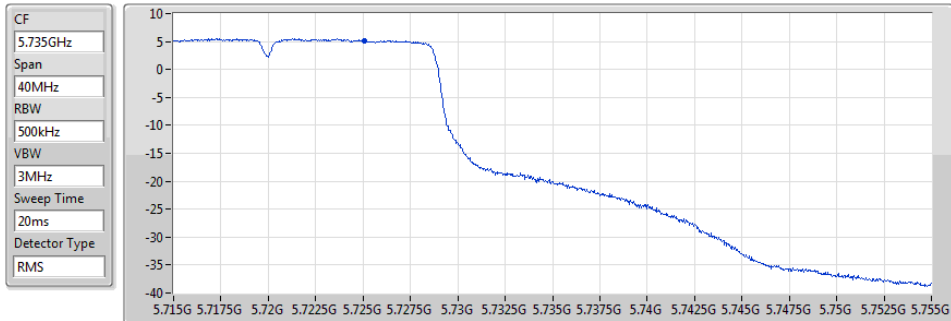


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

02/11/2019



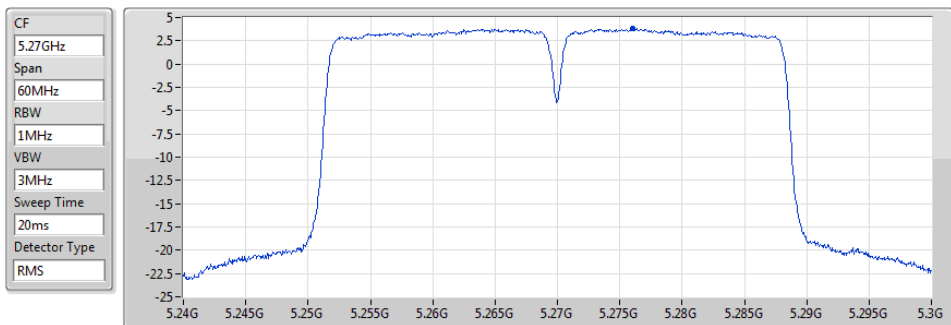
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.19	5.19	5.19

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5270MHz

02/11/2019



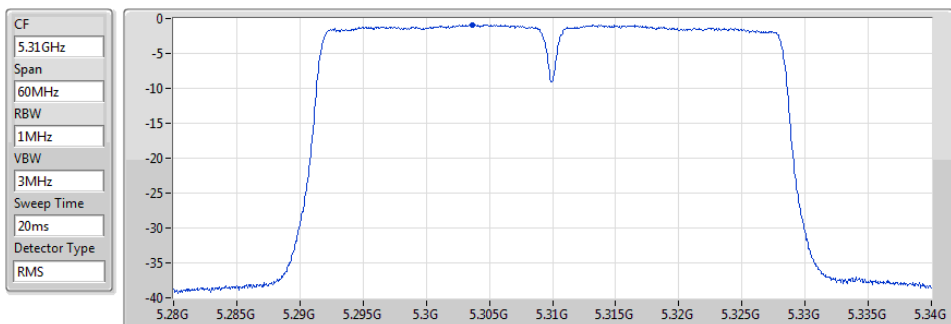
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.82	3.82	3.82

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5310MHz

02/11/2019



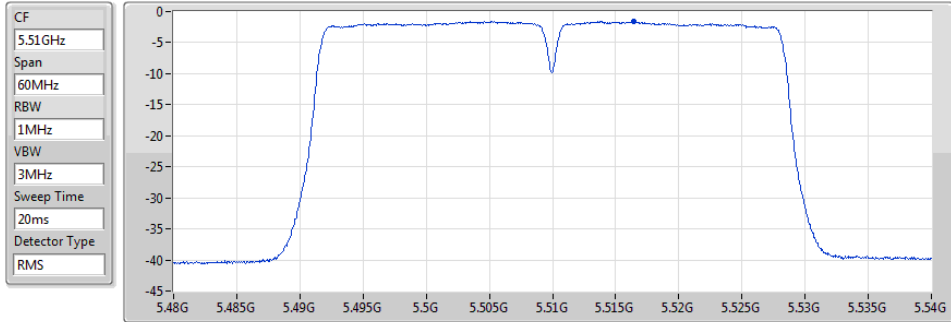
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.89	-0.89	-0.89

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5510MHz

02/11/2019



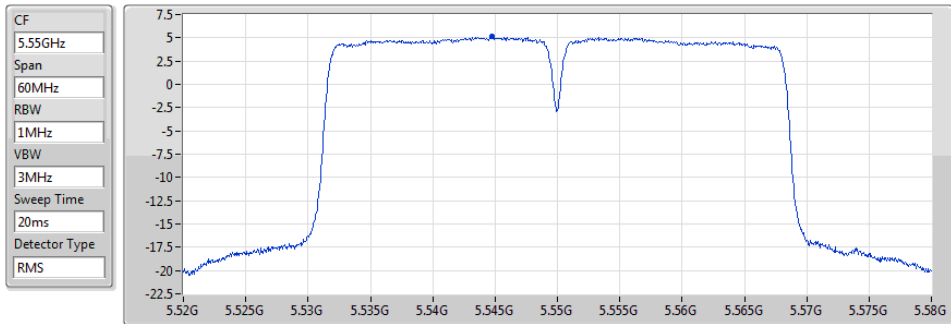
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.53	-1.53	-1.53

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5550MHz

02/11/2019



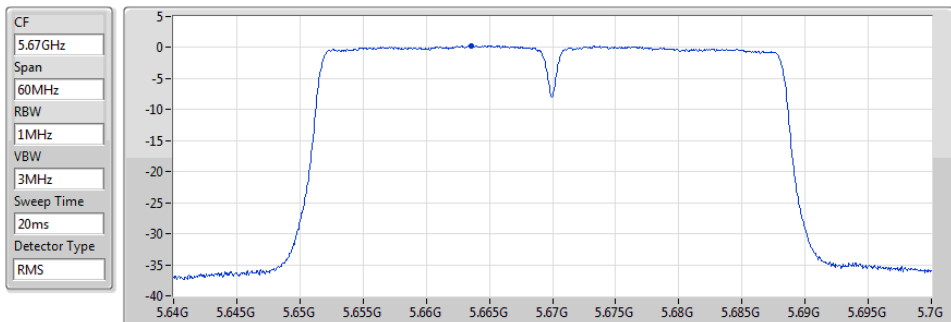
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.10	5.10	5.10

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5670MHz

02/11/2019



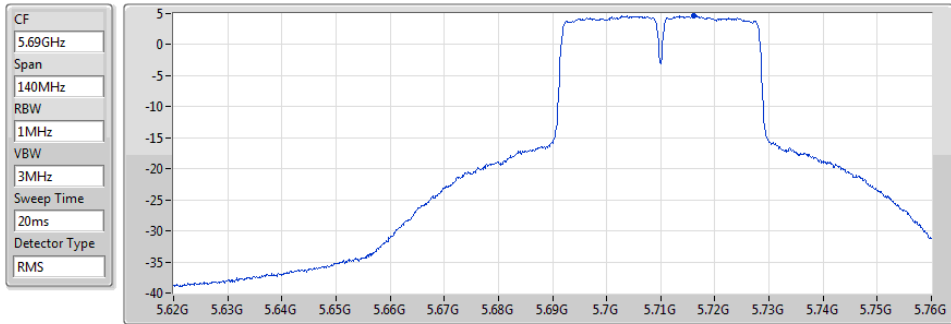
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.31	0.31	0.31

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

02/11/2019



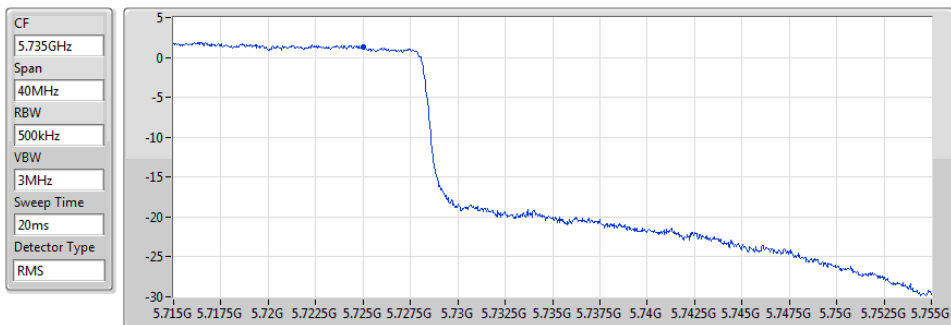
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.60	4.60	4.60

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.725-5.85GHz

02/11/2019



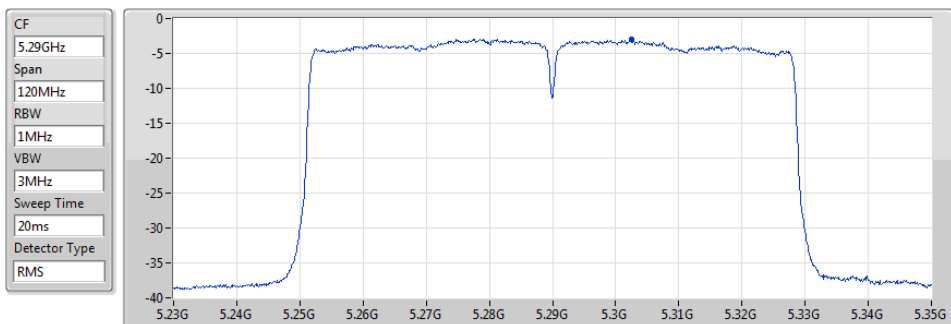
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.25	1.25	1.25

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5290MHz

02/11/2019



Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.94	-2.94	-2.94

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5530MHz

02/11/2019

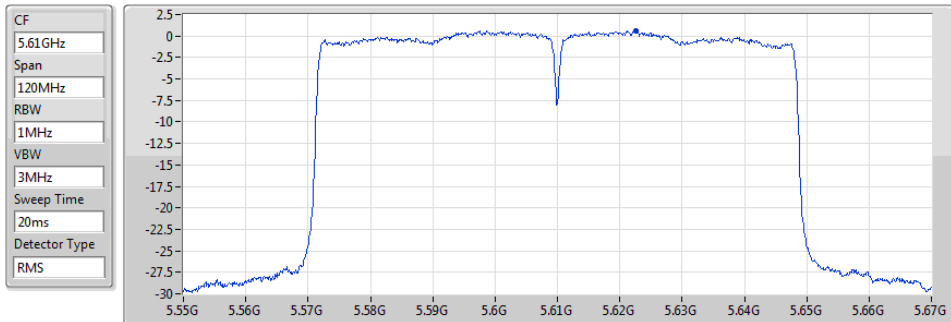


802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5610MHz

02/11/2019

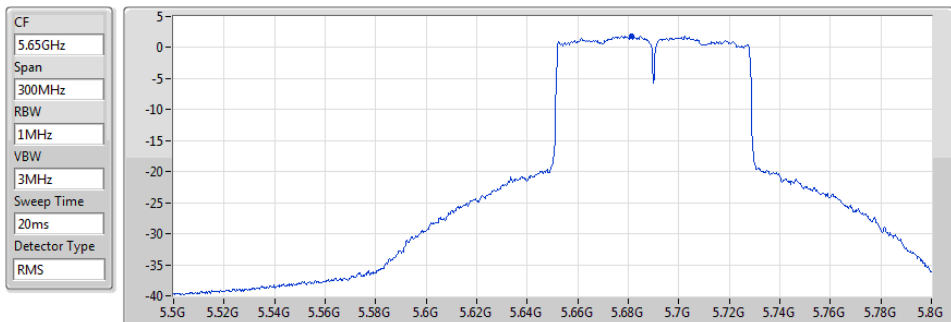


802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.47-5.725GHz

02/11/2019

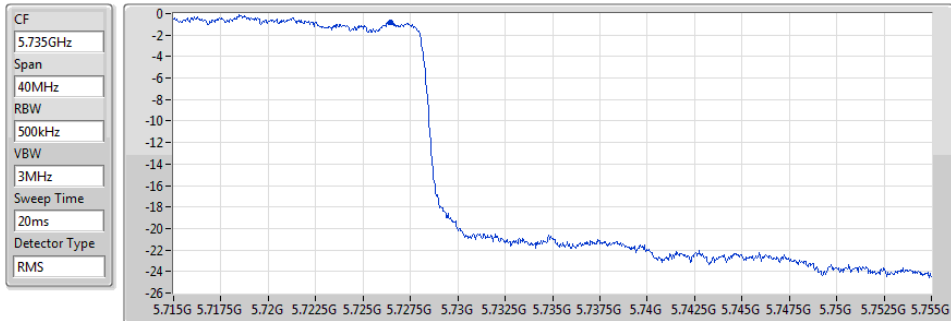


802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.725-5.85GHz

02/11/2019



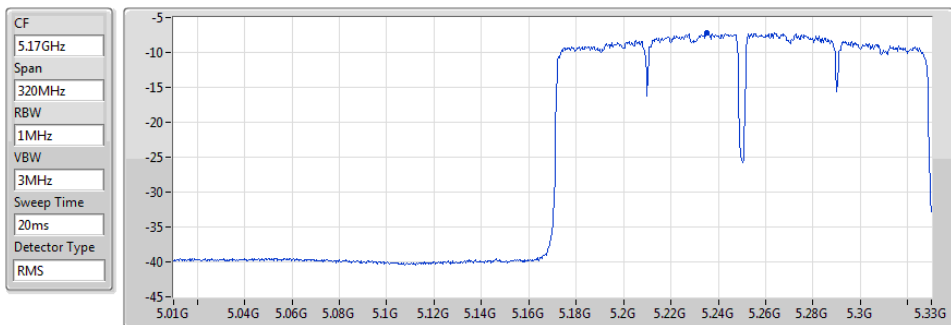
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.81	-0.81	-0.81

802.11ac VHT160_Nss1,(MCS0)_1TX

PSD

5250MHz Straddle 5.15-5.25GHz

02/11/2019



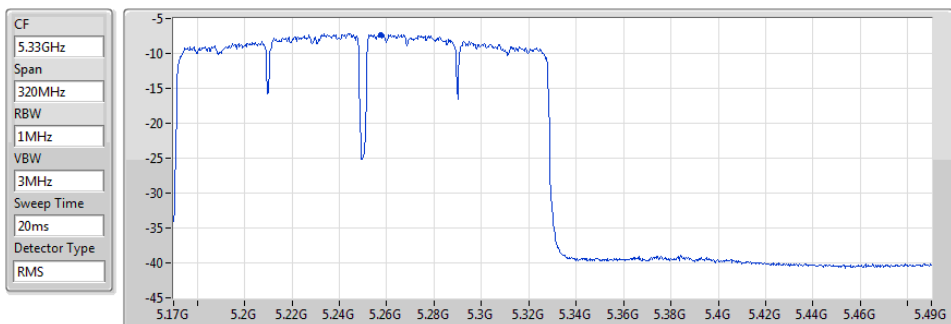
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.17	-7.17	-7.17

802.11ac VHT160_Nss1,(MCS0)_1TX

PSD

5250MHz Straddle 5.25-5.35GHz

02/11/2019



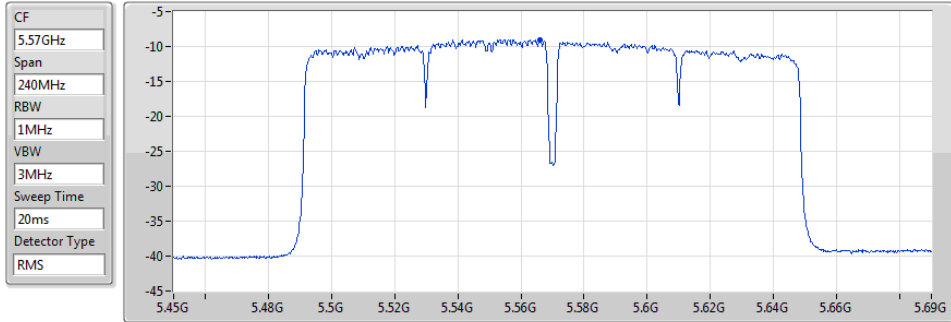
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.27	-7.27	-7.27

802.11ac VHT160_Nss1,(MCS0)_1TX

PSD

5570MHz

02/11/2019



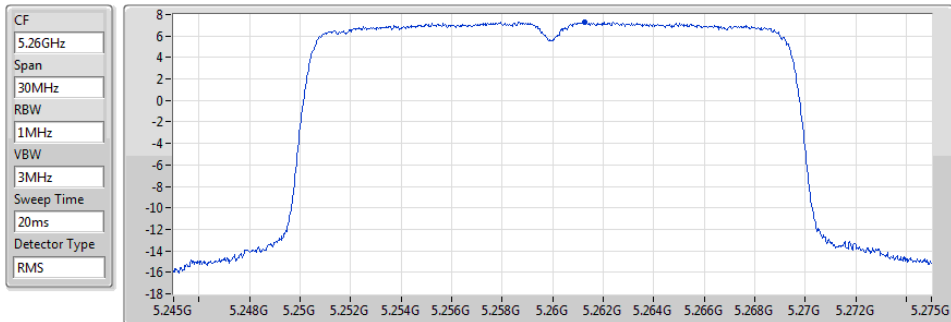
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-9.04	-9.04	-9.04

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5260MHz

02/11/2019



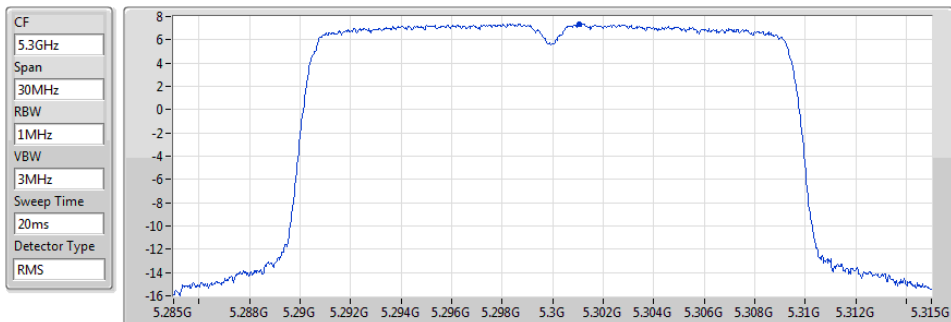
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.27	7.27	7.27

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5300MHz

02/11/2019



Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.38	7.38	7.38