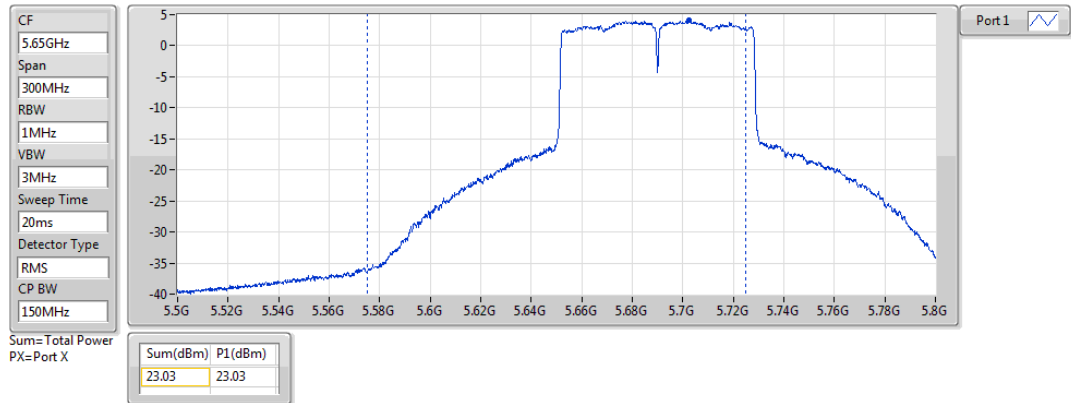


802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

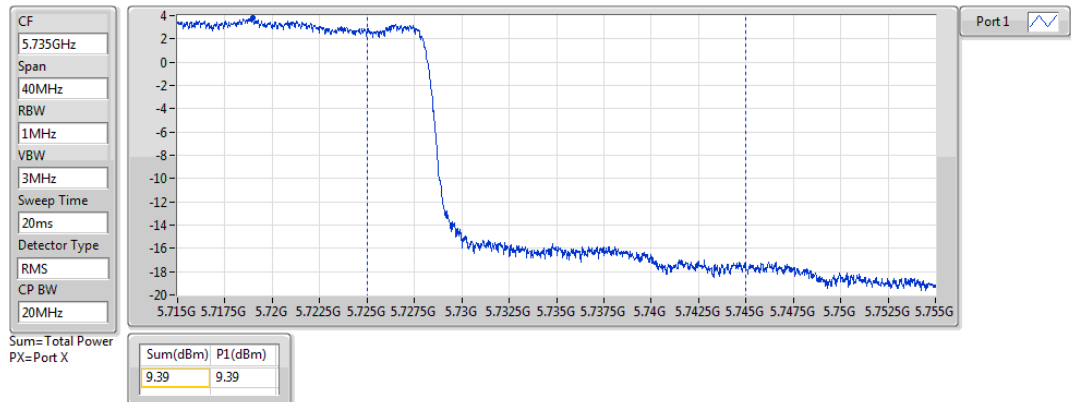
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

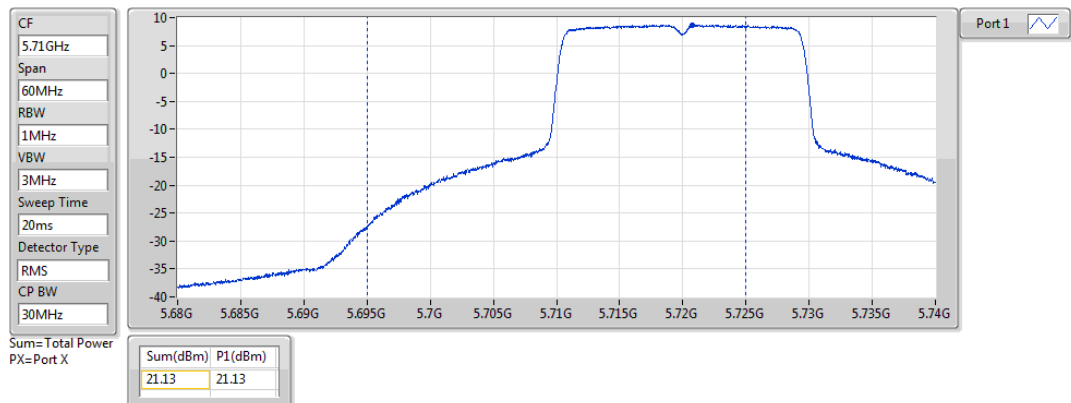
5690MHz Straddle 5.725-5.85GHz



802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

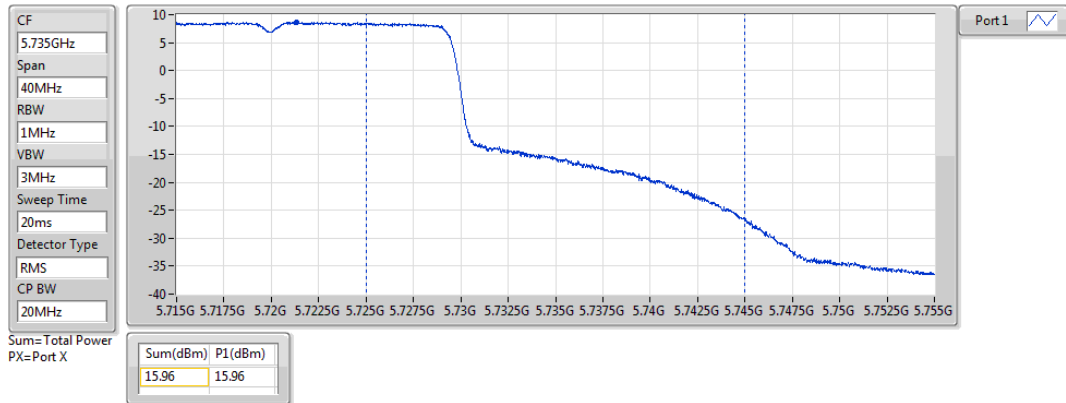


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

31/10/2019

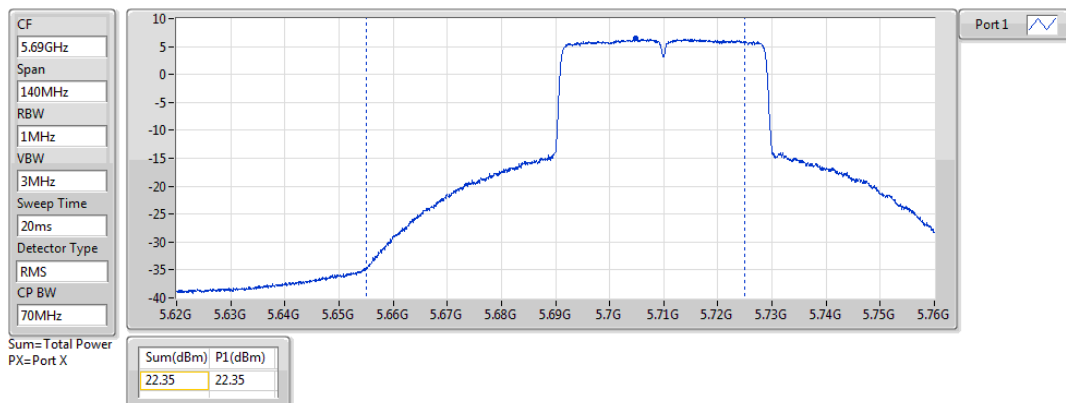


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

31/10/2019

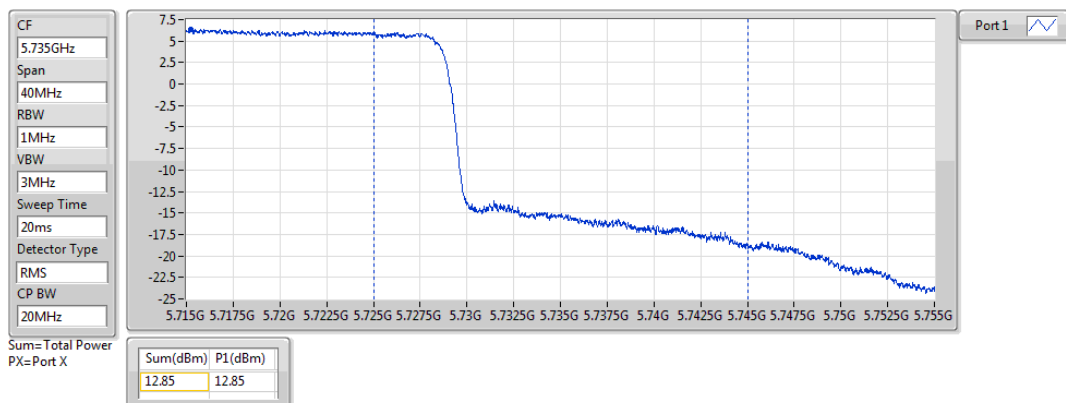


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

31/10/2019

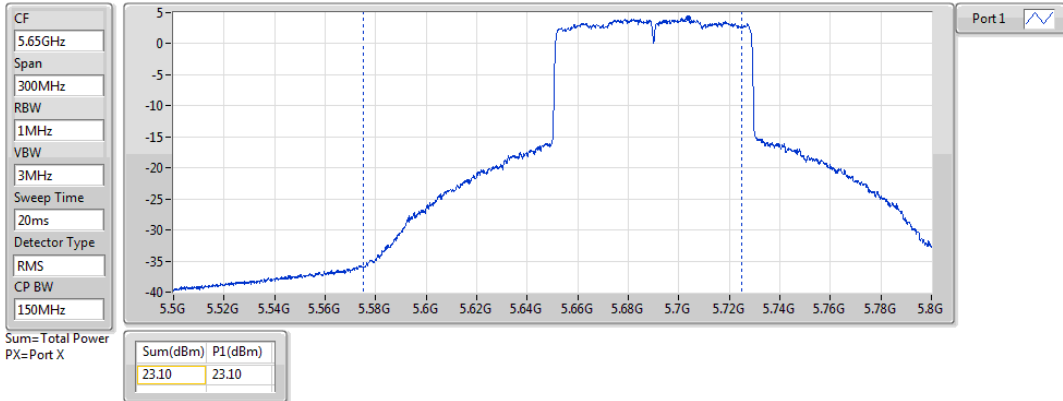


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz

31/10/2019

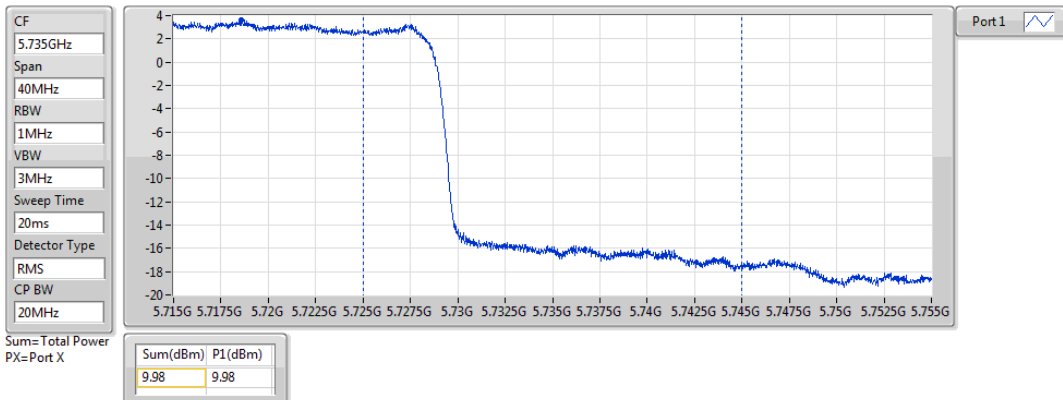


802.11ax HEW80_Nss1,(MCS0)_1TX

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

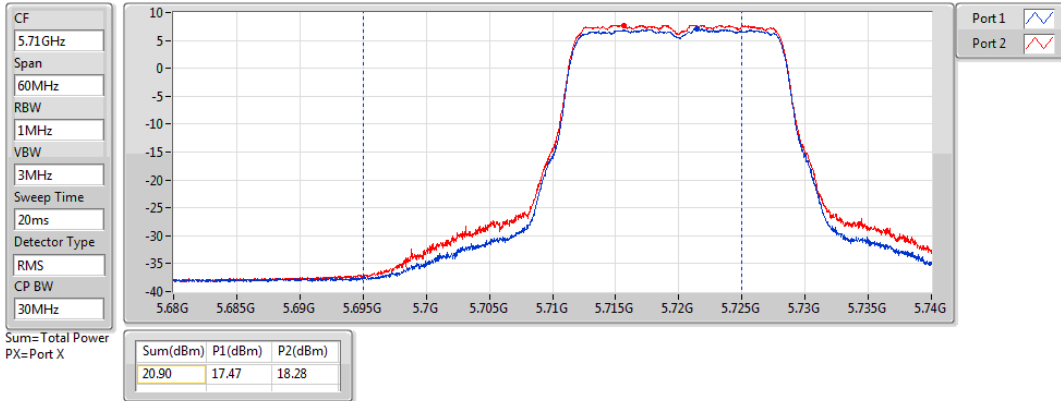
Note : Conducted setting = Pass conducted setting division 4

802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

01/11/2019

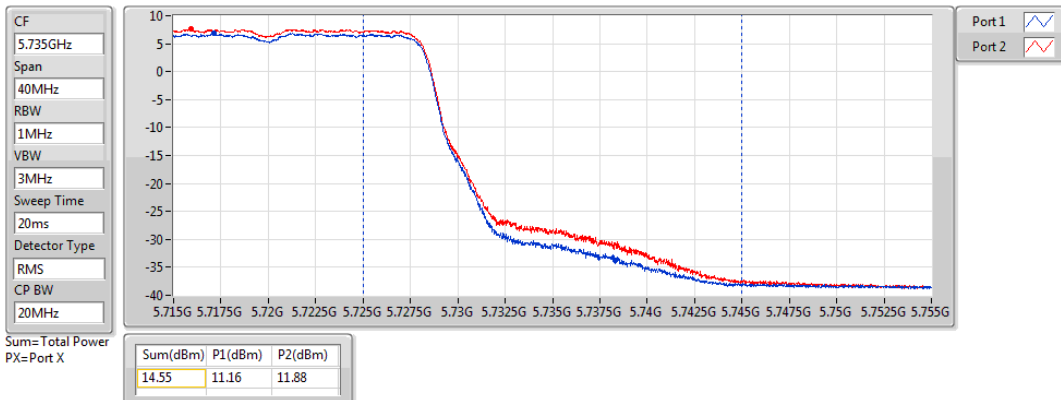


802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

01/11/2019

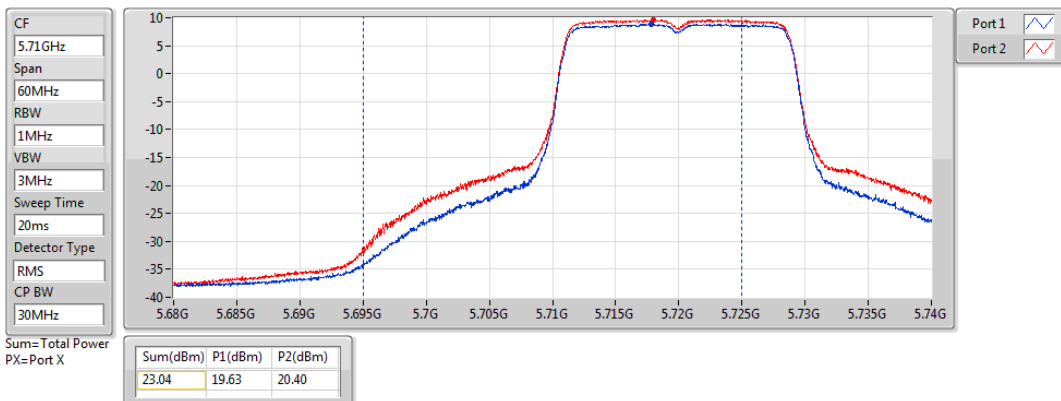


802.11ac VHT20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

01/11/2019

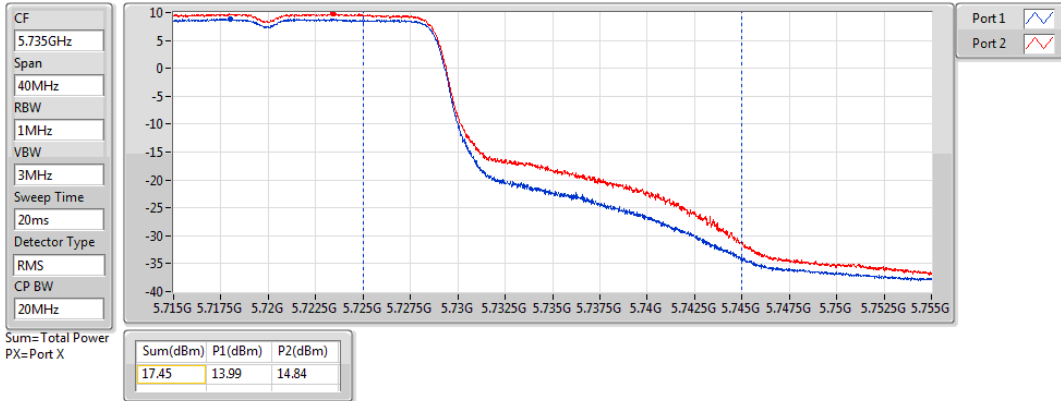


802.11ac VHT20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

01/11/2019

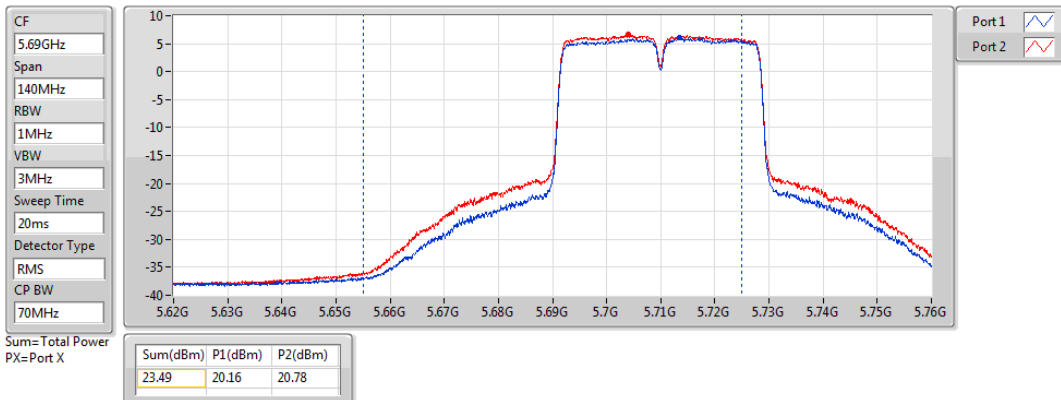


802.11ac VHT40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

01/11/2019

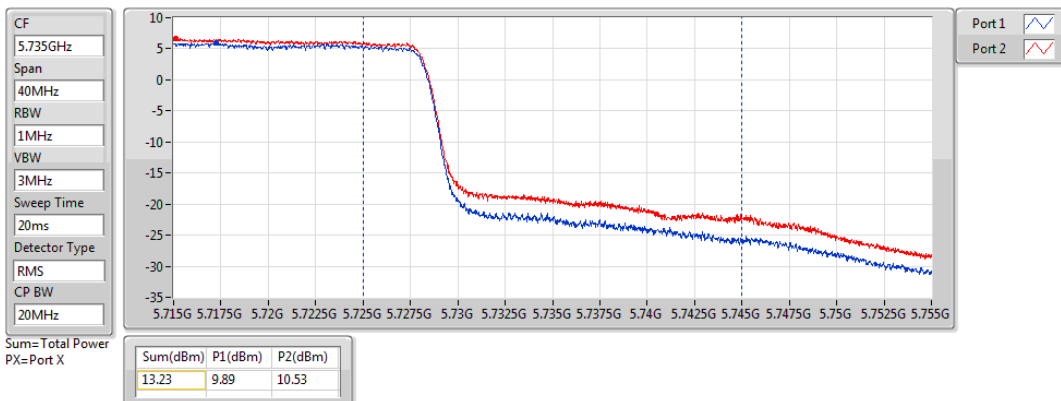


802.11ac VHT40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

01/11/2019

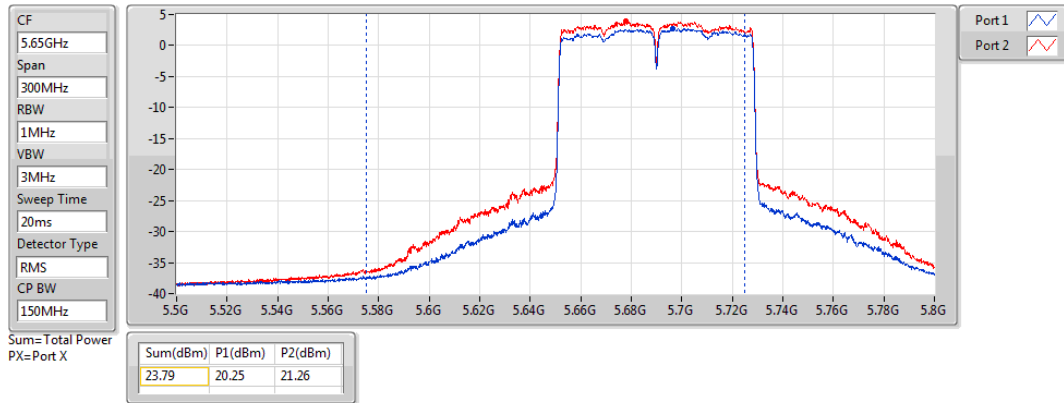


802.11ac VHT80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

01/11/2019

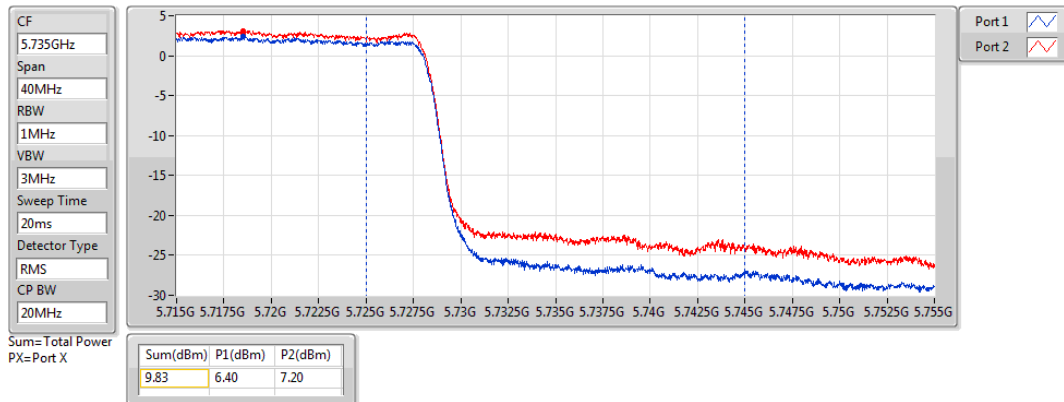


802.11ac VHT80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

01/11/2019

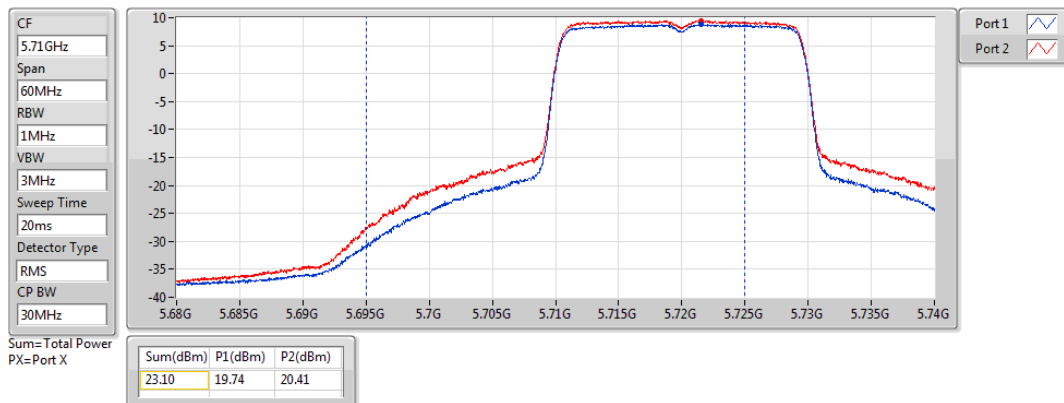


802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

01/11/2019

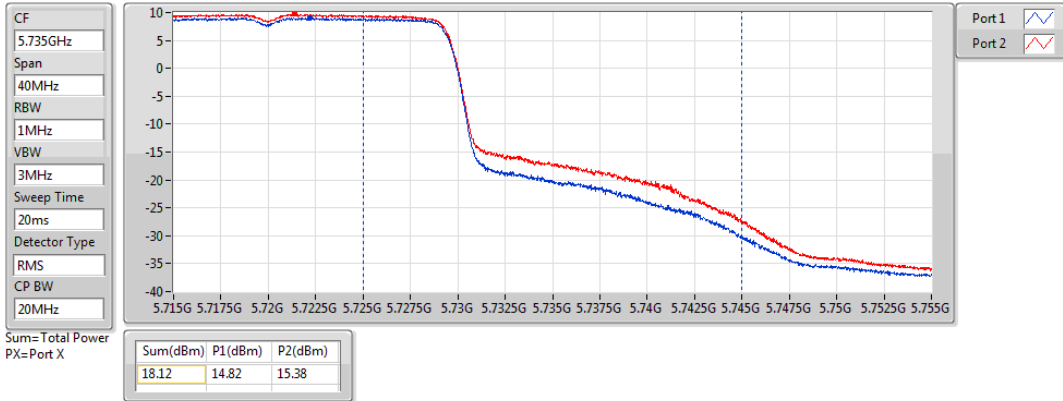


802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

01/11/2019

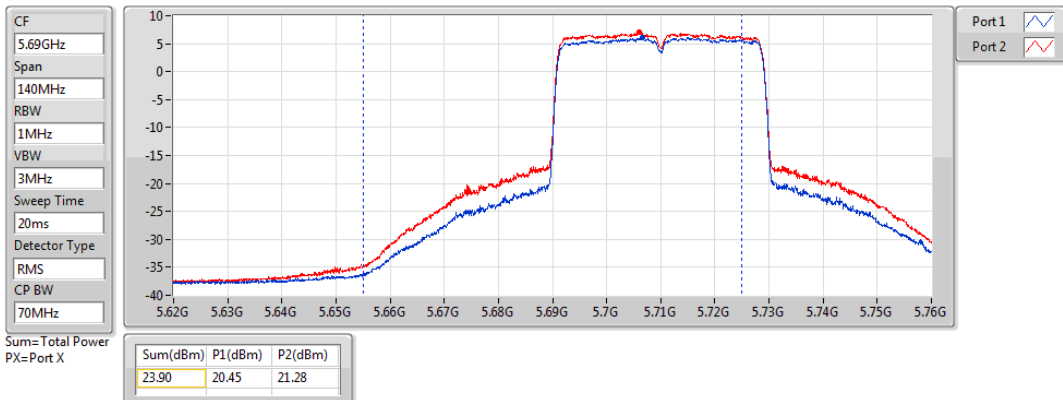


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

01/11/2019

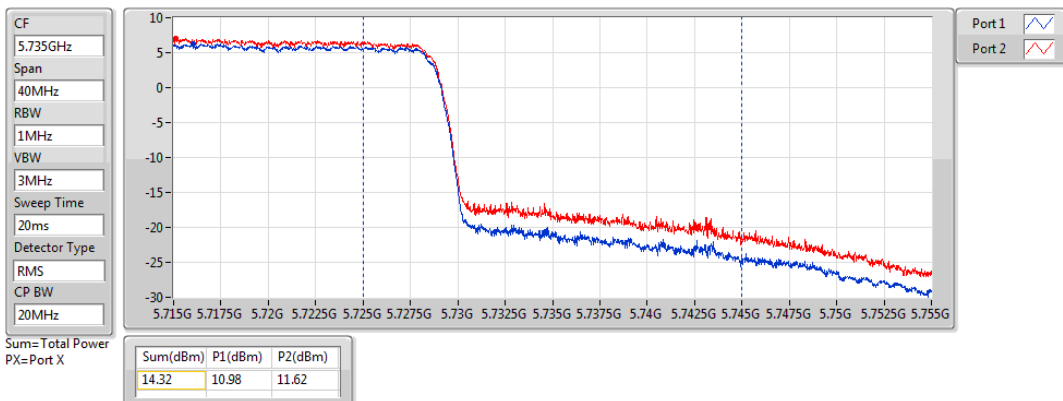


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

01/11/2019

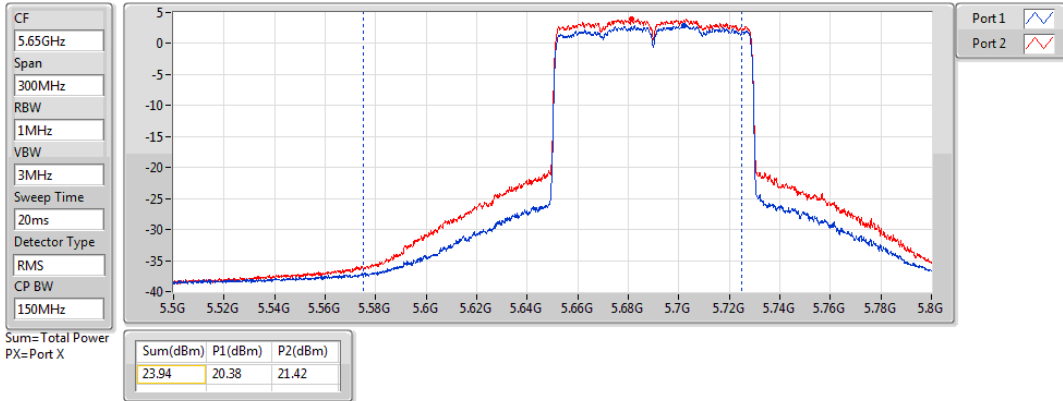


802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

01/11/2019

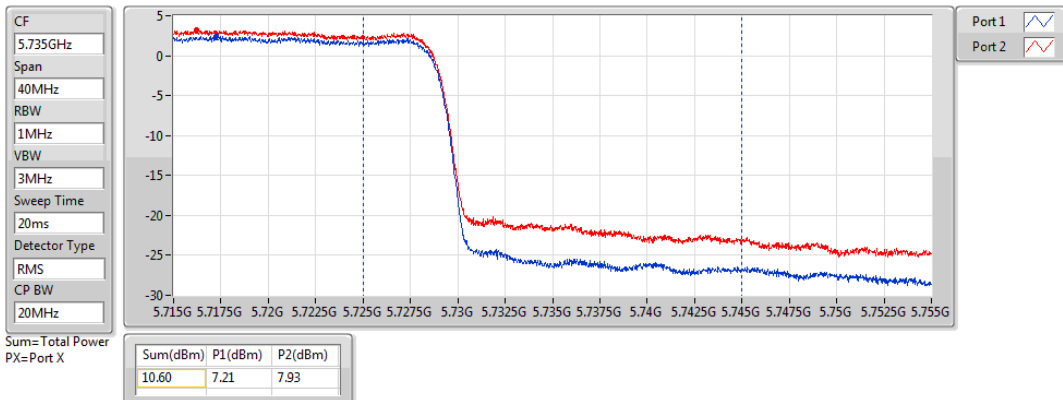


802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

01/11/2019



Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11ac 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_Radio 3

Appendix C.16

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

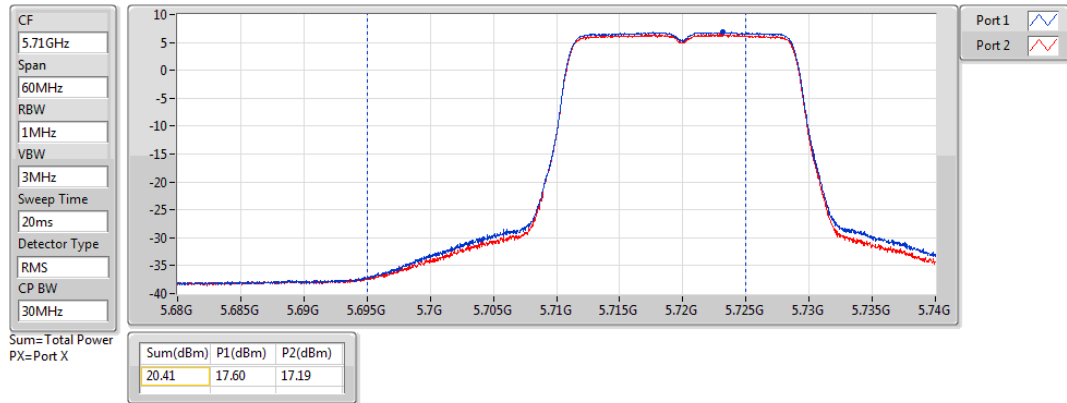
DG = Directional Gain; **Port X** = Port X output power

Note : Conducted setting = Pass conducted setting division 4

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

AV Power

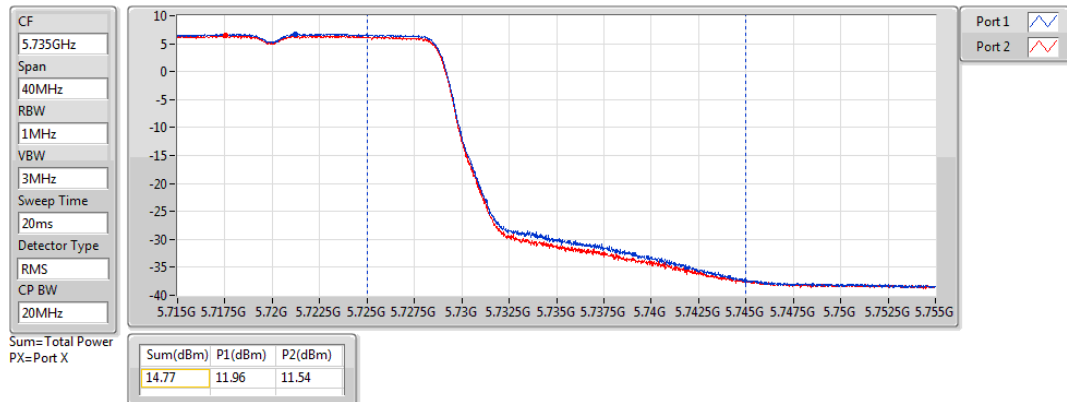
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

AV Power

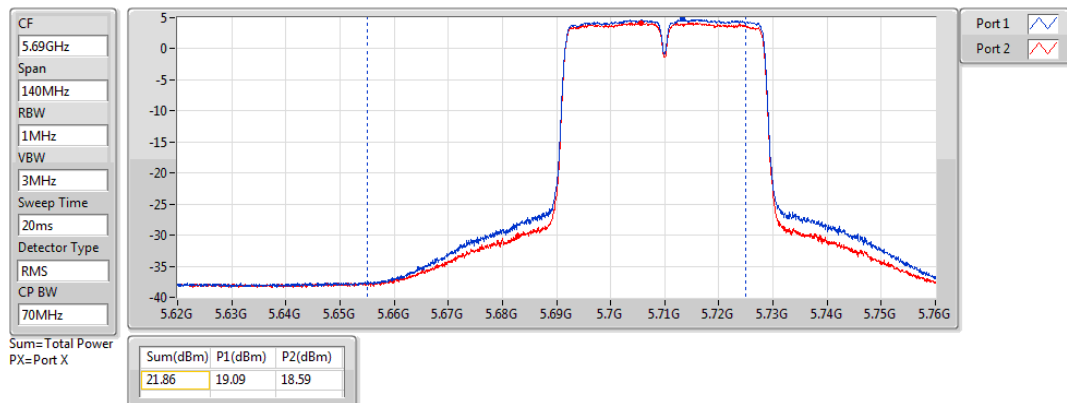
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

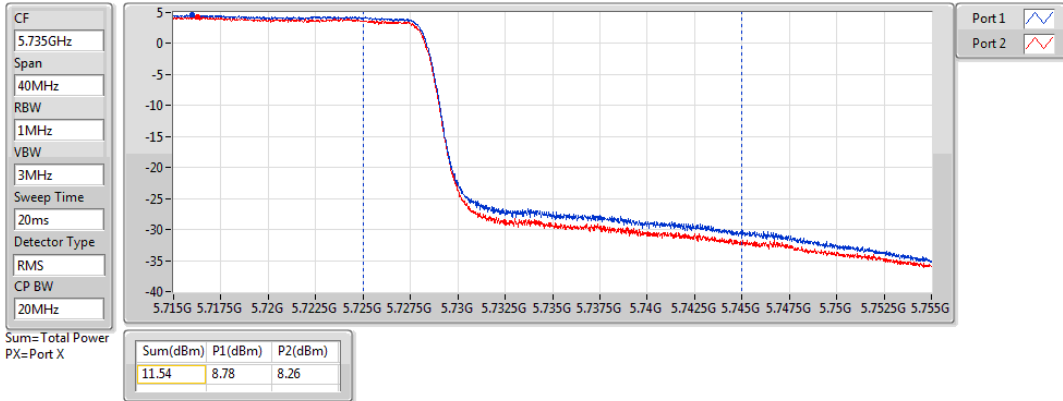


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

01/11/2019

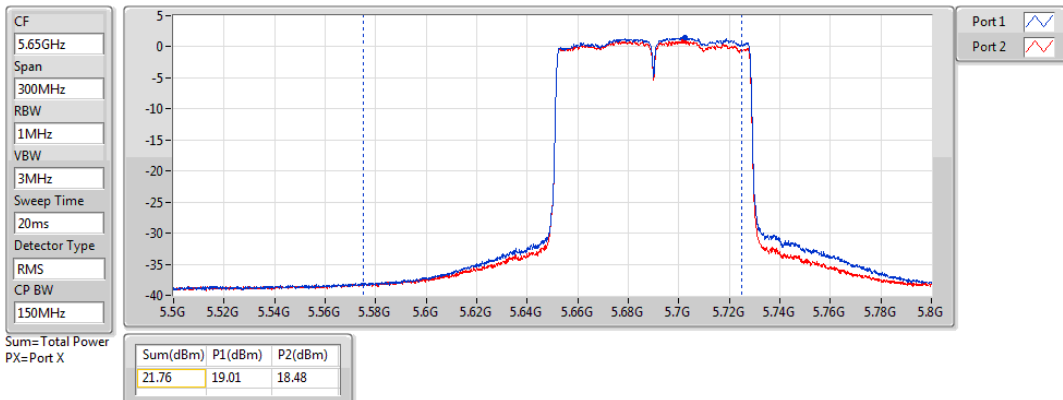


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

01/11/2019

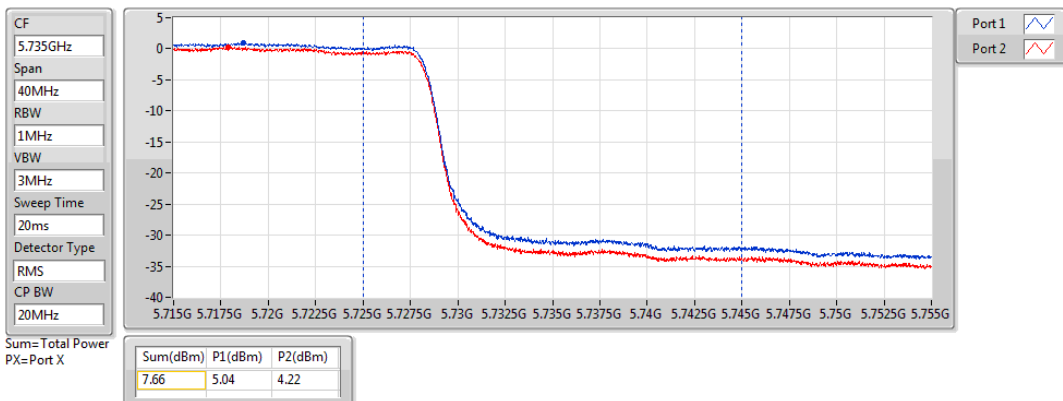


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

01/11/2019

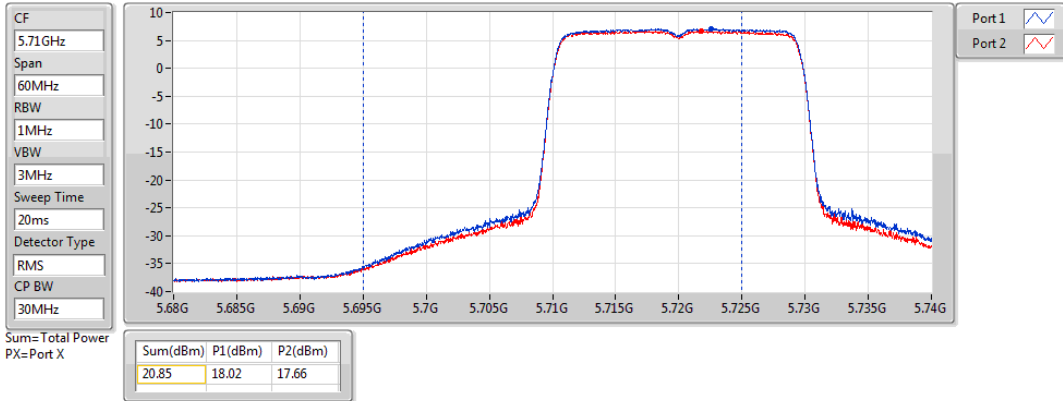


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

01/11/2019

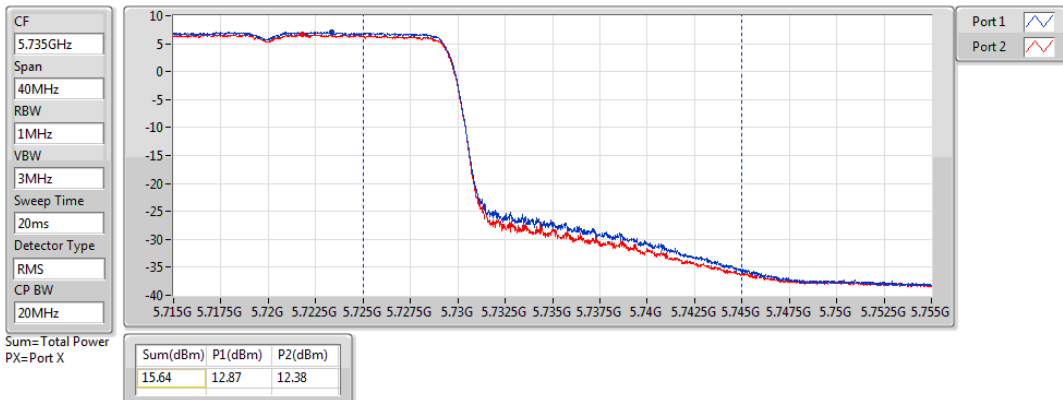


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

01/11/2019

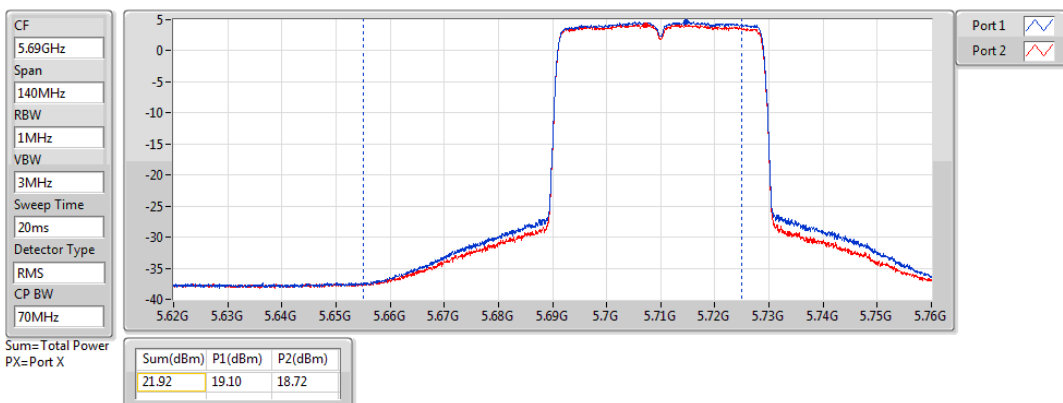


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

01/11/2019

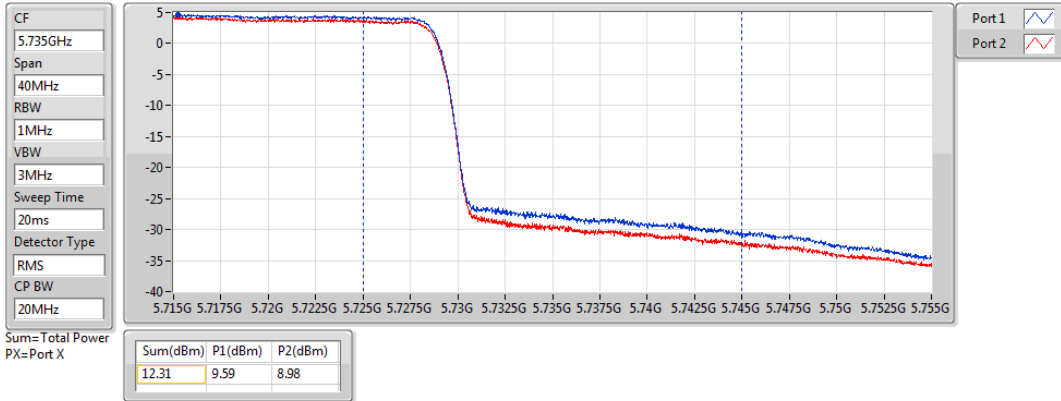


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

01/11/2019

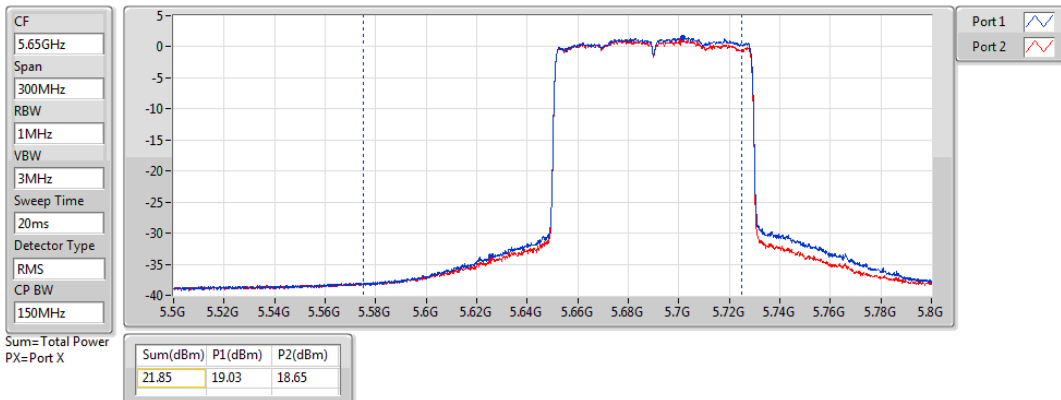


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

01/11/2019

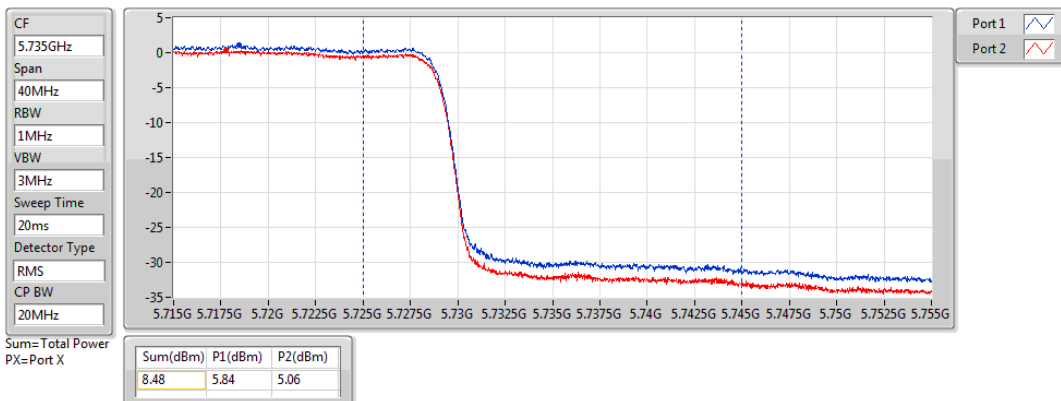


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

01/11/2019



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	10.81
802.11ac VHT20_Nss1,(MCS0)_1TX	9.79
802.11ac VHT40_Nss1,(MCS0)_1TX	5.43
802.11ac VHT80_Nss1,(MCS0)_1TX	-1.90
802.11ax HEW20_Nss1,(MCS0)_1TX	9.64
802.11ax HEW40_Nss1,(MCS0)_1TX	5.50
802.11ax HEW80_Nss1,(MCS0)_1TX	-1.73
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	10.62
802.11ac VHT20_Nss1,(MCS0)_1TX	10.39
802.11ac VHT40_Nss1,(MCS0)_1TX	6.90
802.11ac VHT80_Nss1,(MCS0)_1TX	1.17
802.11ax HEW20_Nss1,(MCS0)_1TX	10.27
802.11ax HEW40_Nss1,(MCS0)_1TX	6.79
802.11ax HEW80_Nss1,(MCS0)_1TX	1.01

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	-	-	-	-	-
5180MHz	Pass	5.36	7.28	7.28	17.00
5200MHz	Pass	5.36	10.81	10.81	17.00
5240MHz	Pass	5.36	10.22	10.22	17.00
5745MHz	Pass	5.36	9.71	9.71	30.00
5785MHz	Pass	5.36	10.62	10.62	30.00
5825MHz	Pass	5.36	10.12	10.12	30.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	5.36	5.85	5.85	17.00
5200MHz	Pass	5.36	9.79	9.79	17.00
5240MHz	Pass	5.36	9.38	9.38	17.00
5745MHz	Pass	5.36	9.44	9.44	30.00
5785MHz	Pass	5.36	10.39	10.39	30.00
5825MHz	Pass	5.36	10.00	10.00	30.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	5.36	1.07	1.07	17.00
5230MHz	Pass	5.36	5.43	5.43	17.00
5755MHz	Pass	5.36	5.27	5.27	30.00
5795MHz	Pass	5.36	6.90	6.90	30.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	5.36	-1.90	-1.90	17.00
5775MHz	Pass	5.36	1.17	1.17	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	5.36	5.78	5.78	17.00
5200MHz	Pass	5.36	9.64	9.64	17.00
5240MHz	Pass	5.36	9.37	9.37	17.00
5745MHz	Pass	5.36	9.02	9.02	30.00
5785MHz	Pass	5.36	10.27	10.27	30.00
5825MHz	Pass	5.36	9.43	9.43	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	5.36	1.04	1.04	17.00
5230MHz	Pass	5.36	5.50	5.50	17.00
5755MHz	Pass	5.36	5.42	5.42	30.00
5795MHz	Pass	5.36	6.79	6.79	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	5.36	-1.73	-1.73	17.00
5775MHz	Pass	5.36	1.01	1.01	30.00

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

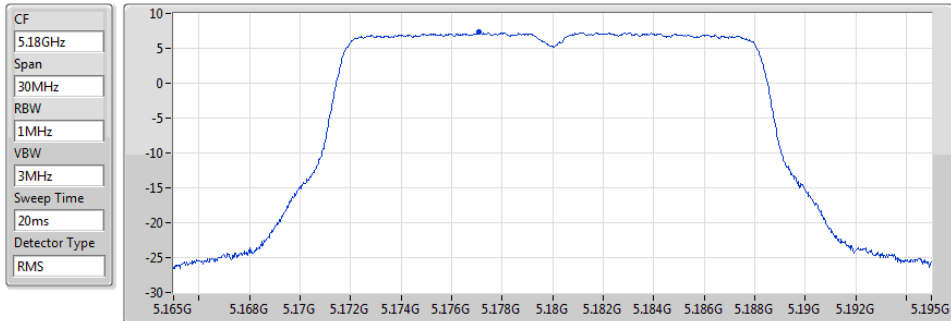
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5180MHz

26/09/2019



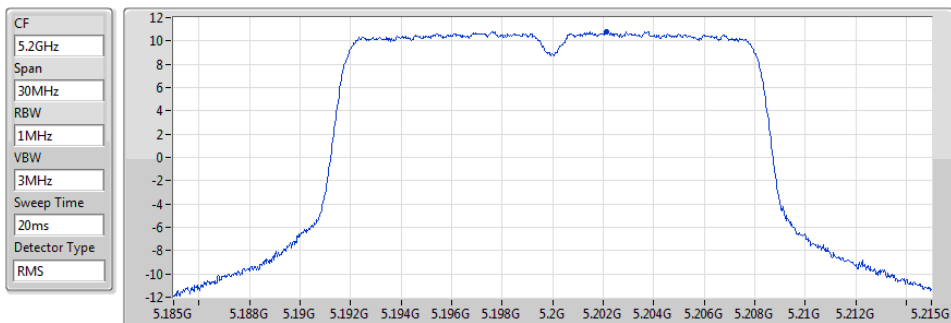
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.28	7.28	7.28

802.11a_Nss1,(6Mbps)_1TX

PSD

5200MHz

26/09/2019



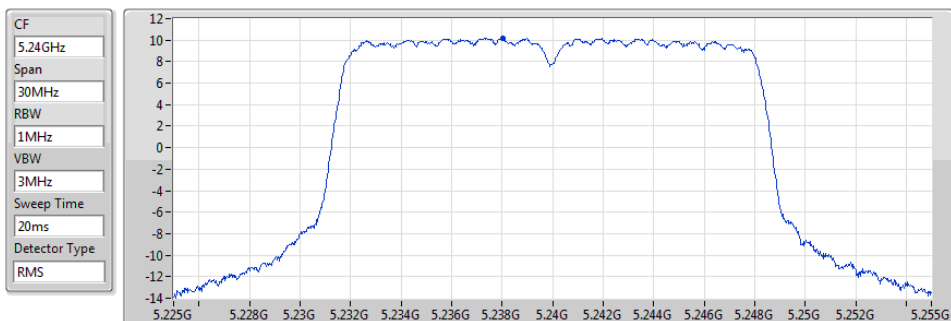
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.81	10.81	10.81

802.11a_Nss1,(6Mbps)_1TX

PSD

5240MHz

26/09/2019



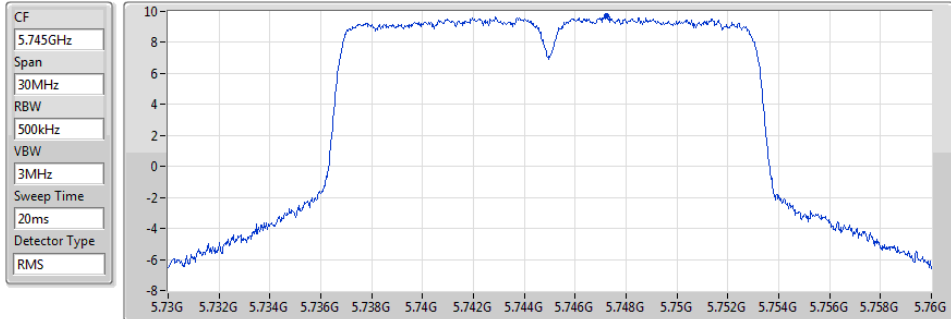
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.22	10.22	10.22

802.11a_Nss1,(6Mbps)_1TX

PSD

5745MHz

26/09/2019



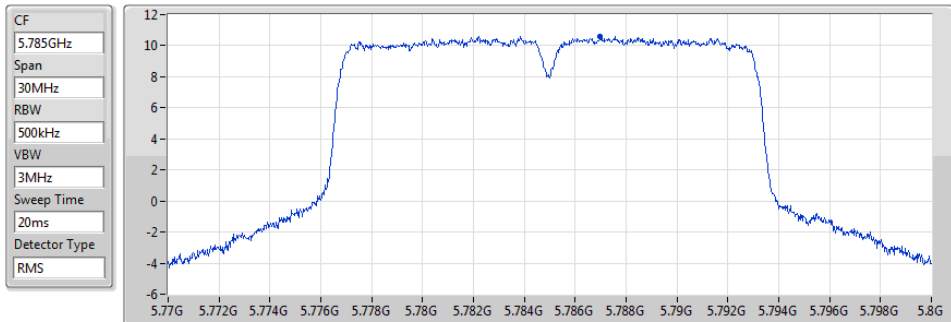
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.71	9.71	9.71

802.11a_Nss1,(6Mbps)_1TX

PSD

5785MHz

27/09/2019



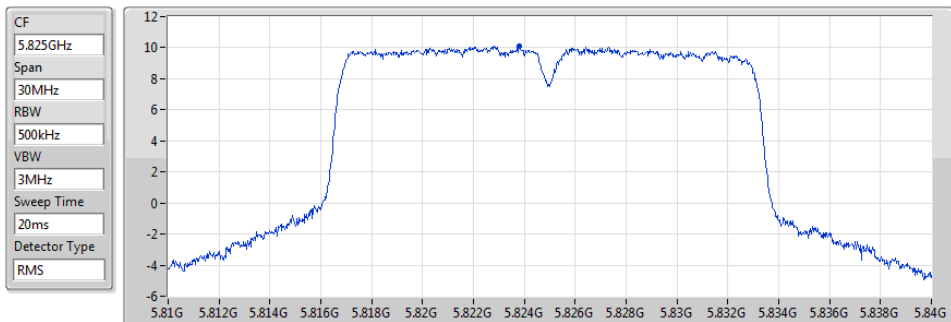
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.62	10.62	10.62

802.11a_Nss1,(6Mbps)_1TX

PSD

5825MHz

27/09/2019



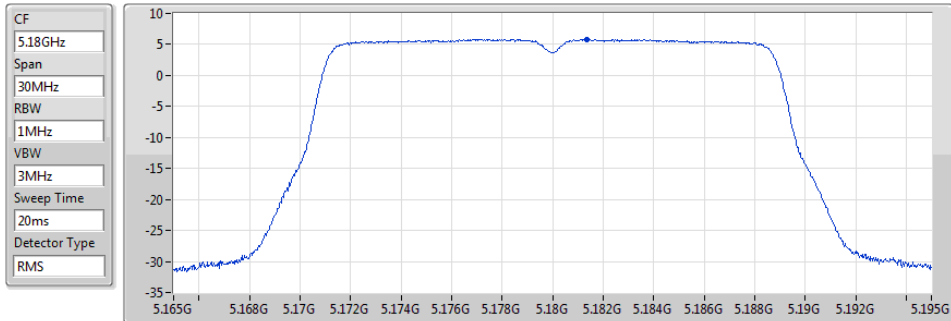
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.12	10.12	10.12

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5180MHz

26/09/2019



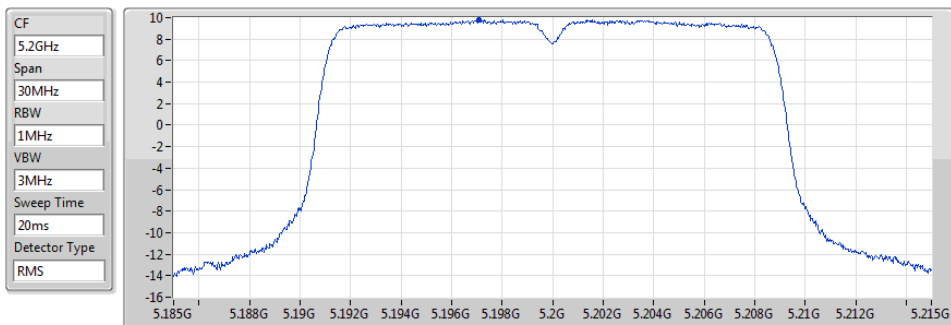
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.85	5.85	5.85

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5200MHz

26/09/2019



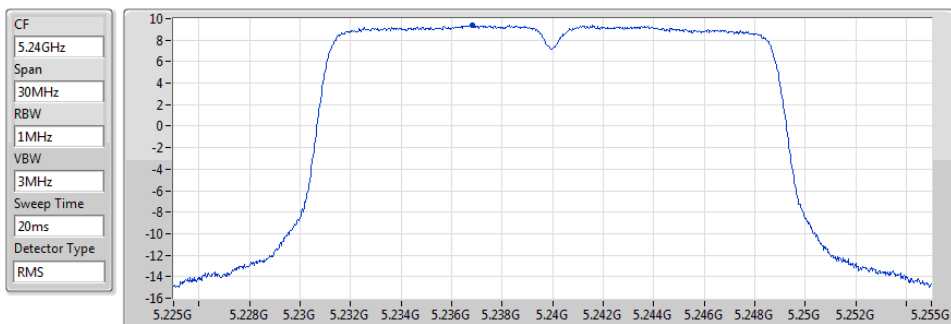
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.79	9.79	9.79

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5240MHz

26/09/2019



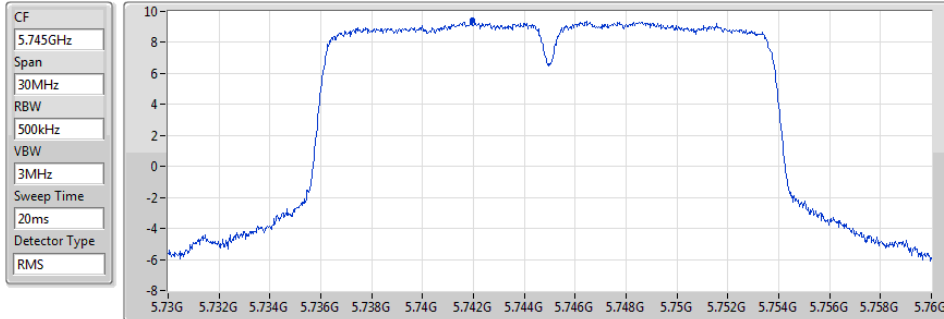
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.38	9.38	9.38

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5745MHz

26/09/2019



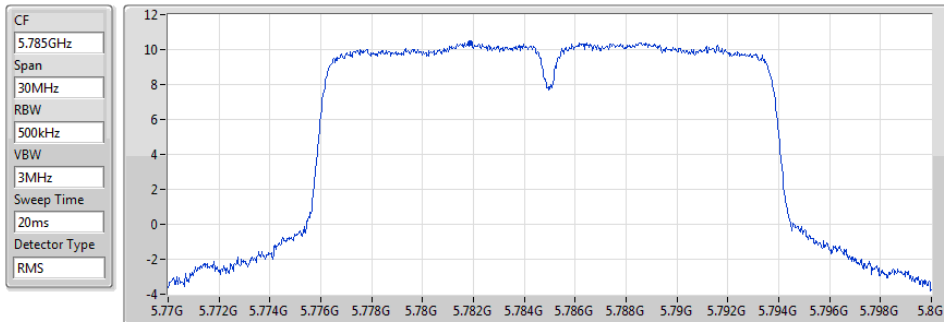
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.44	9.44	9.44

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5785MHz

27/09/2019



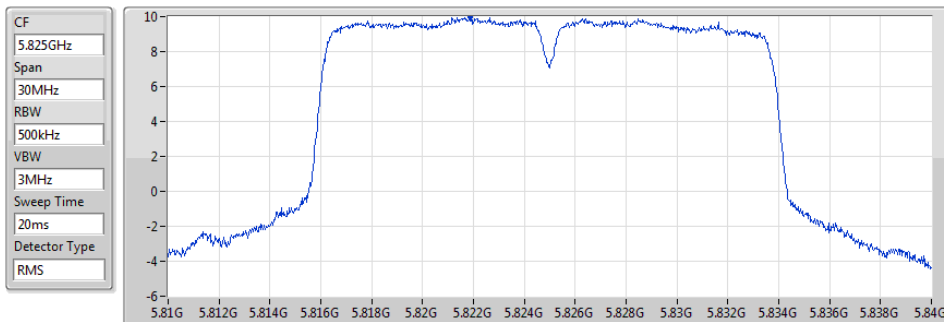
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.39	10.39	10.39

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5825MHz

27/09/2019



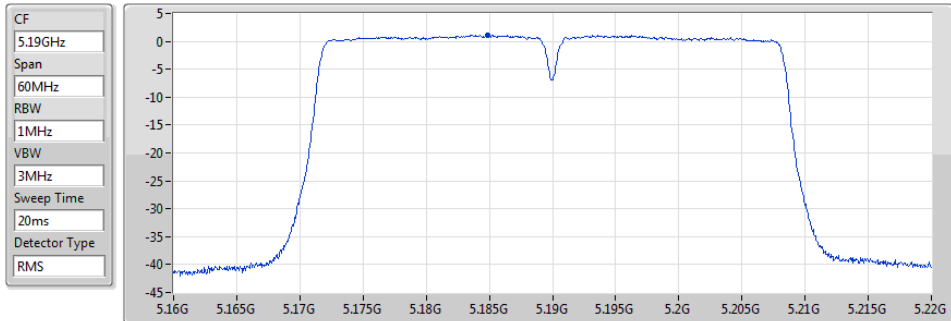
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.00	10.00	10.00

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5190MHz

26/09/2019



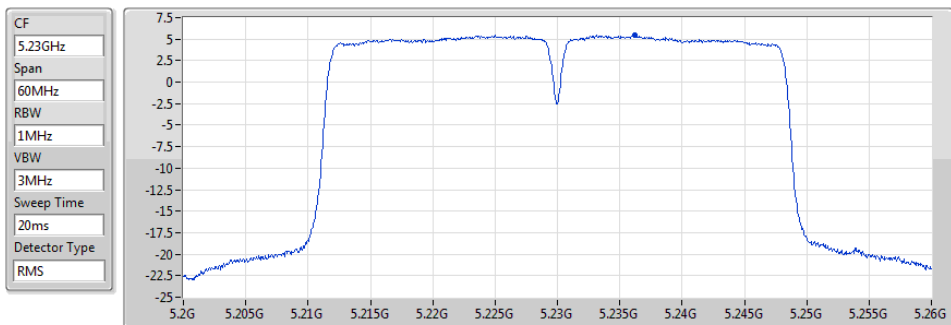
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
1.07	1.07	1.07

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5230MHz

26/09/2019



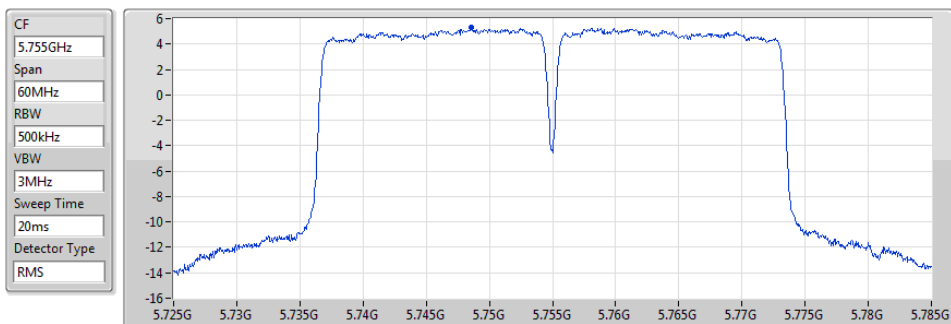
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
5.43	5.43	5.43

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5755MHz

26/09/2019



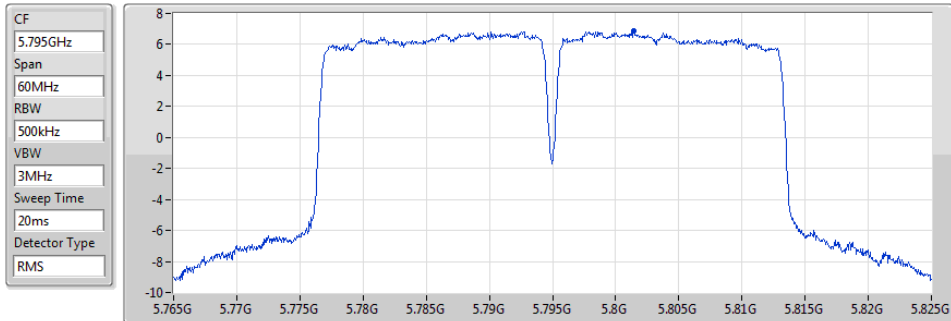
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
5.27	5.27	5.27

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5795MHz

26/09/2019



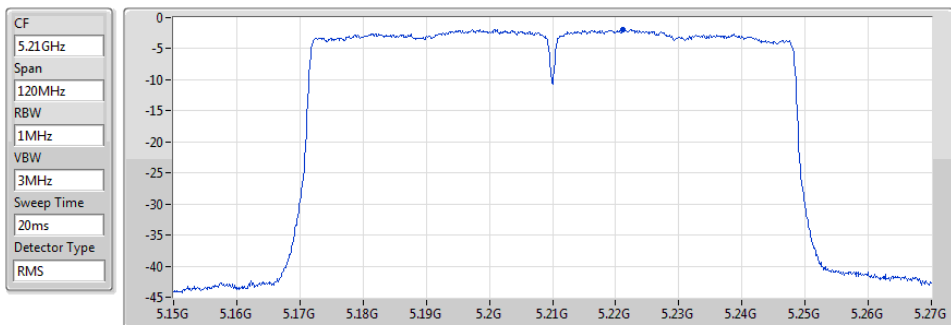
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.90	6.90	6.90

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5210MHz

26/09/2019



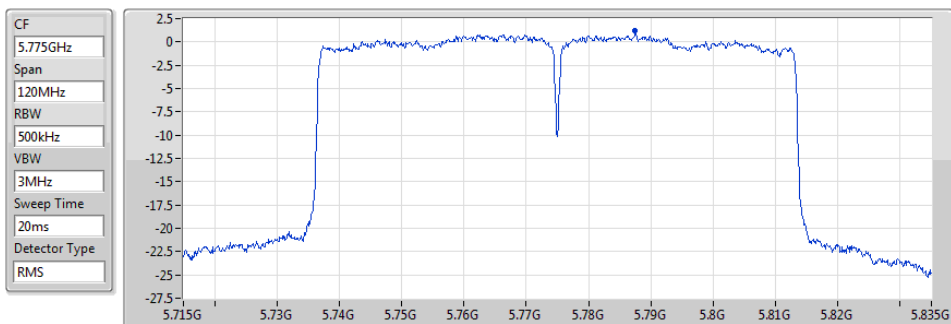
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.90	-1.90	-1.90

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5775MHz

26/09/2019



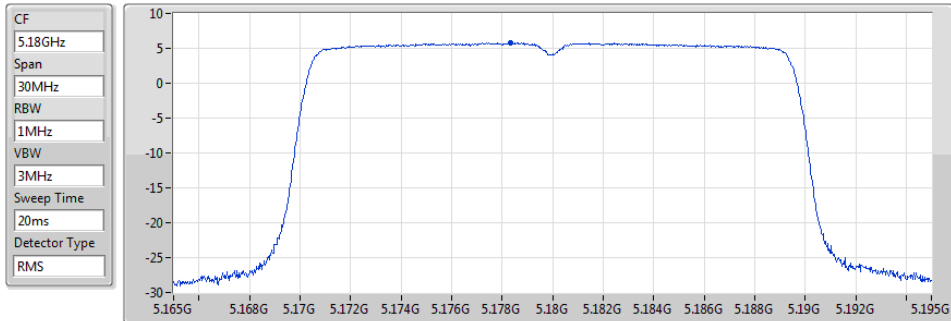
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.17	1.17	1.17

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5180MHz

26/09/2019

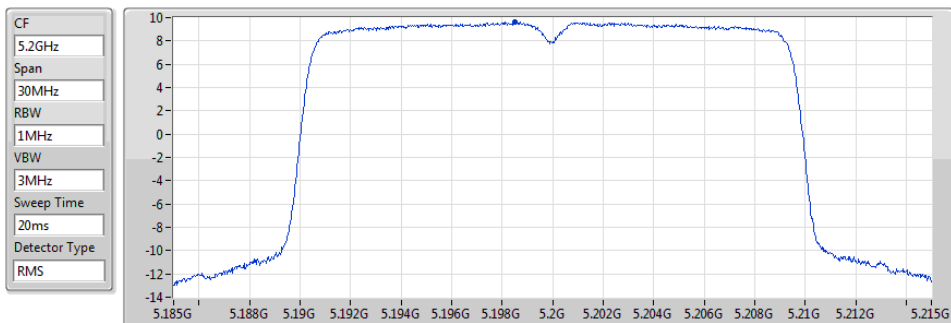


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5200MHz

26/09/2019

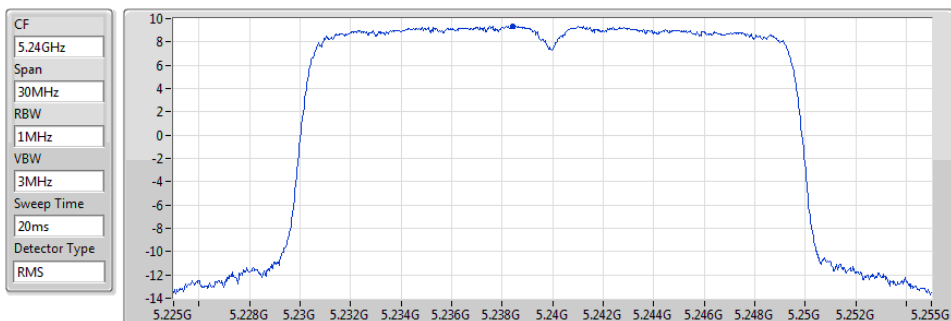


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5240MHz

26/09/2019

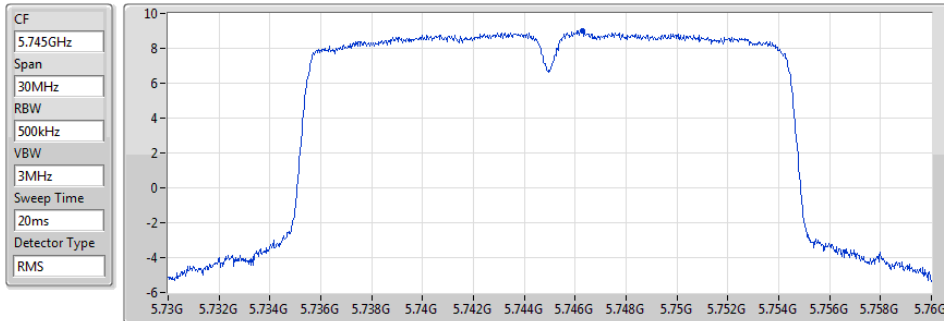


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5745MHz

26/09/2019



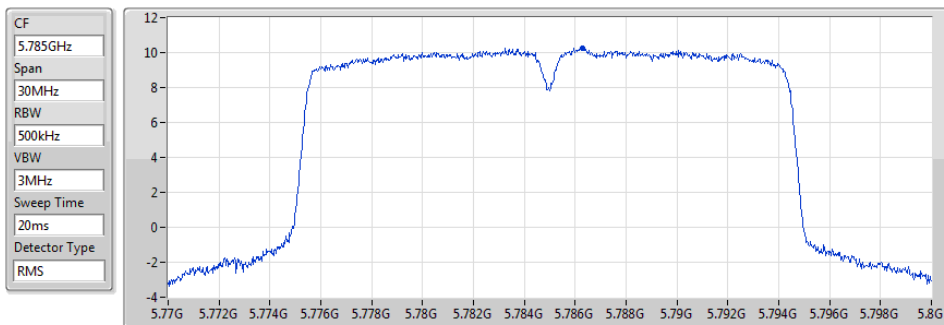
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.02	9.02	9.02

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5785MHz

27/09/2019



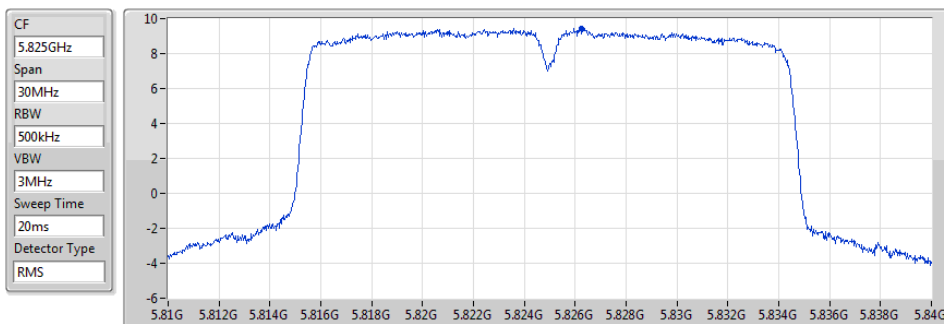
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.27	10.27	10.27

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5825MHz

27/09/2019



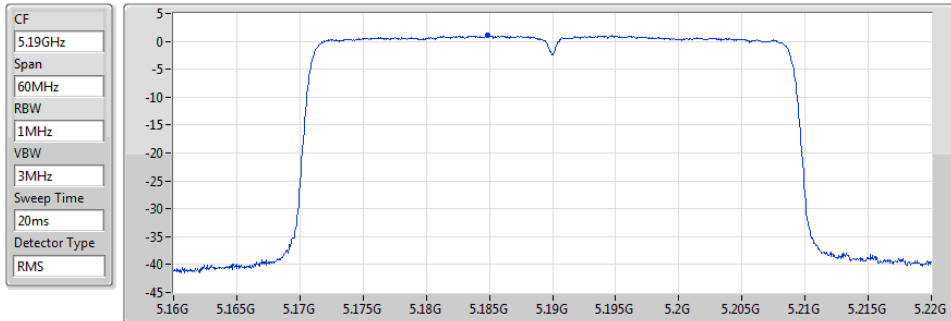
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.43	9.43	9.43

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5190MHz

26/09/2019



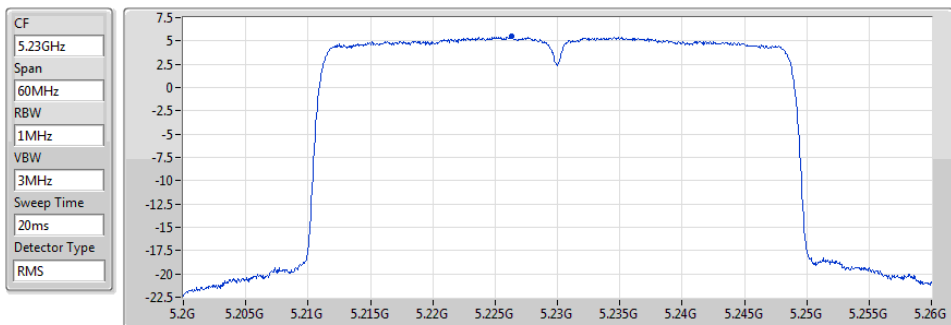
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.04	1.04	1.04

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5230MHz

26/09/2019



Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.50	5.50	5.50

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5755MHz

26/09/2019



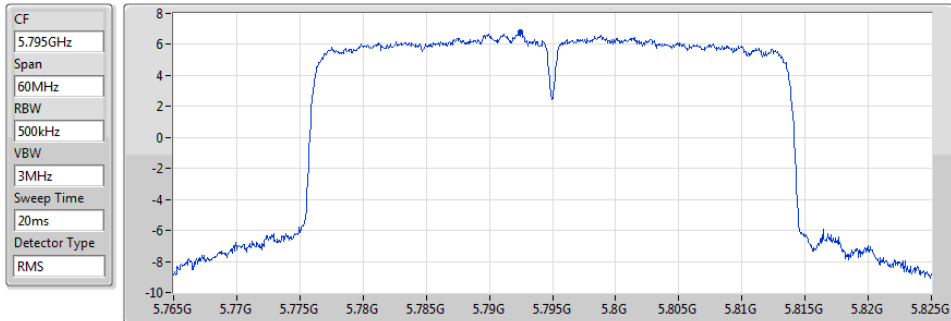
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.42	5.42	5.42

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5795MHz

26/09/2019



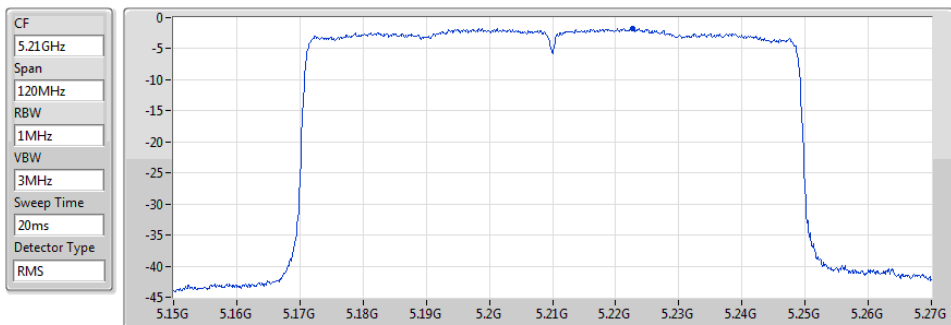
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.79	6.79	6.79

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5210MHz

26/09/2019



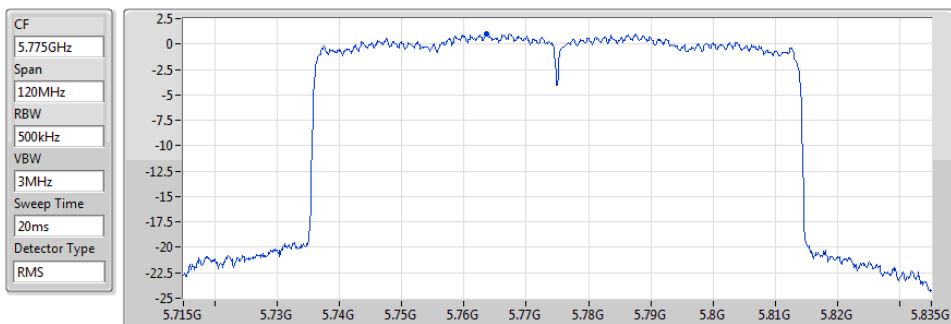
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.73	-1.73	-1.73

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5775MHz

26/09/2019



Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.01	1.01	1.01

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	13.57
802.11ac VHT20_Nss2,(MCS0)_2TX	11.92
802.11ac VHT40_Nss2,(MCS0)_2TX	8.17
802.11ac VHT80_Nss2,(MCS0)_2TX	0.03
802.11ax HEW20_Nss2,(MCS0)_2TX	11.55
802.11ax HEW40_Nss2,(MCS0)_2TX	7.81
802.11ax HEW80_Nss2,(MCS0)_2TX	0.40
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	14.40
802.11ac VHT20_Nss2,(MCS0)_2TX	13.98
802.11ac VHT40_Nss2,(MCS0)_2TX	9.23
802.11ac VHT80_Nss2,(MCS0)_2TX	3.10
802.11ax HEW20_Nss2,(MCS0)_2TX	13.47
802.11ax HEW40_Nss2,(MCS0)_2TX	8.69
802.11ax HEW80_Nss2,(MCS0)_2TX	2.74

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	-	-	-	-	-	-
5180MHz	Pass	8.37	6.14	6.67	9.35	14.63
5200MHz	Pass	8.37	10.34	10.94	13.57	14.63
5240MHz	Pass	8.37	8.93	9.62	12.22	14.63
5745MHz	Pass	8.37	10.58	11.04	13.73	27.63
5785MHz	Pass	8.37	11.54	11.46	14.40	27.63
5825MHz	Pass	8.37	10.96	11.48	14.16	27.63
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.36	4.70	5.05	7.88	17.00
5200MHz	Pass	5.36	8.67	9.27	11.92	17.00
5240MHz	Pass	5.36	7.99	8.91	11.42	17.00
5745MHz	Pass	5.36	10.04	10.64	13.20	30.00
5785MHz	Pass	5.36	11.08	11.15	13.98	30.00
5825MHz	Pass	5.36	10.36	10.89	13.51	30.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	5.36	-0.31	-0.09	2.77	17.00
5230MHz	Pass	5.36	4.72	5.93	8.17	17.00
5755MHz	Pass	5.36	5.63	6.18	8.77	30.00
5795MHz	Pass	5.36	6.13	6.52	9.23	30.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	5.36	-3.10	-2.69	0.03	17.00
5775MHz	Pass	5.36	-0.39	0.65	3.10	30.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.36	4.66	4.95	7.77	17.00
5200MHz	Pass	5.36	8.16	8.95	11.55	17.00
5240MHz	Pass	5.36	7.59	8.36	10.97	17.00
5745MHz	Pass	5.36	9.55	10.15	12.79	30.00
5785MHz	Pass	5.36	10.58	10.68	13.47	30.00
5825MHz	Pass	5.36	9.96	10.45	13.16	30.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	5.36	-0.58	-0.16	2.55	17.00
5230MHz	Pass	5.36	4.10	5.44	7.81	17.00
5755MHz	Pass	5.36	4.85	5.54	8.18	30.00
5795MHz	Pass	5.36	5.51	6.00	8.69	30.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	5.36	-2.65	-2.48	0.40	17.00
5775MHz	Pass	5.36	-0.61	0.25	2.74	30.00

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

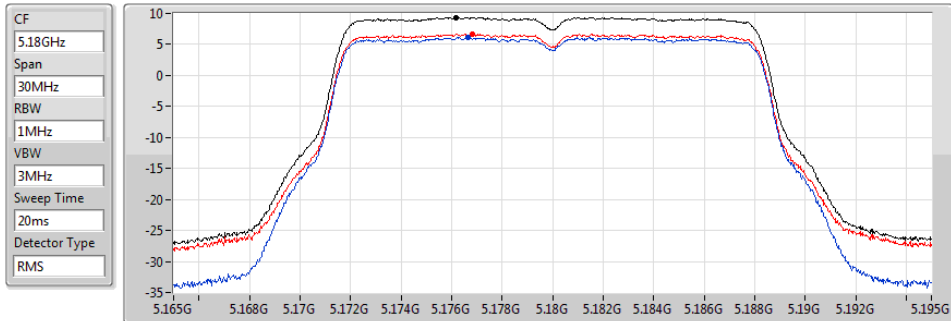
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

04/10/2019



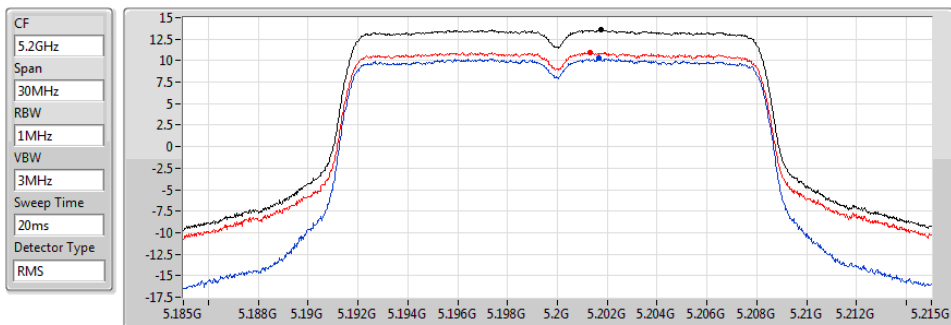
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.35	9.35	6.14	6.67

802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

04/10/2019



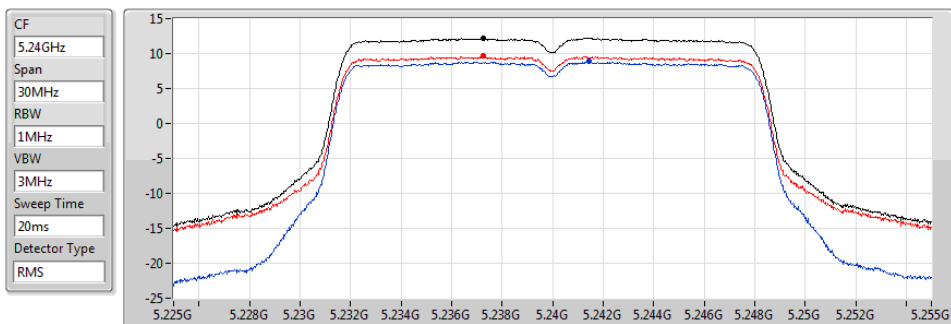
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.57	13.57	10.34	10.94

802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

04/10/2019



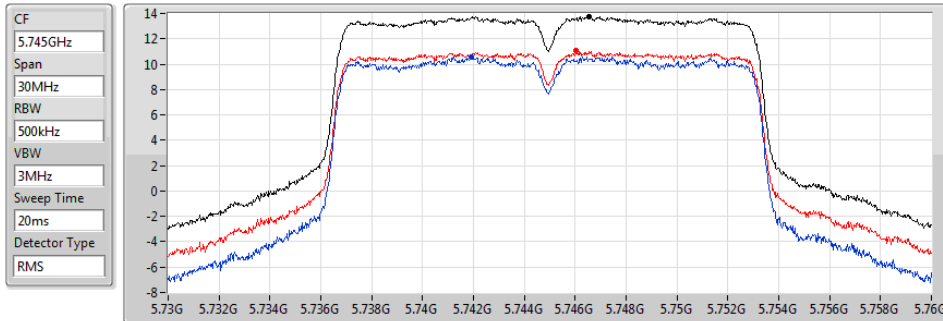
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.22	12.22	8.93	9.62

802.11a_Nss1,(6Mbps)_2TX

5745MHz

PSD

04/10/2019



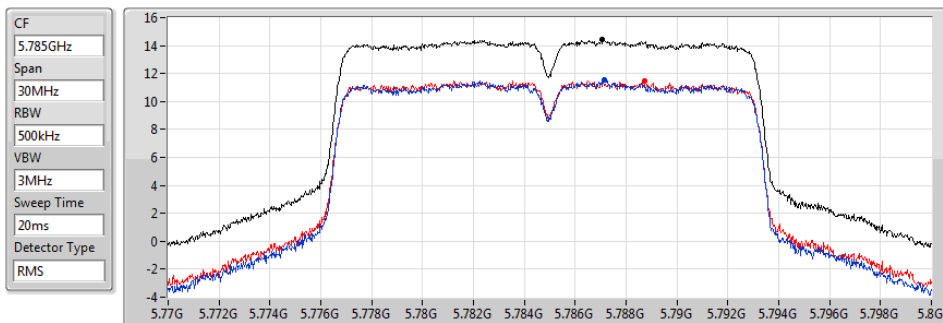
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
13.73	13.73	10.58	11.04

802.11a_Nss1,(6Mbps)_2TX

5785MHz

PSD

04/10/2019



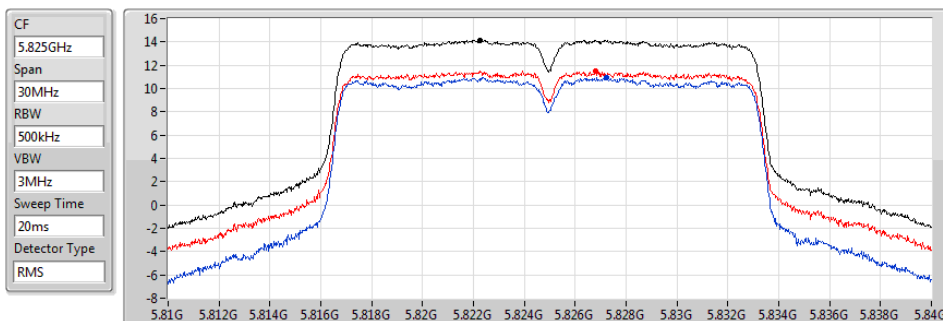
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
14.40	14.40	11.54	11.46

802.11a_Nss1,(6Mbps)_2TX

5825MHz

PSD

04/10/2019



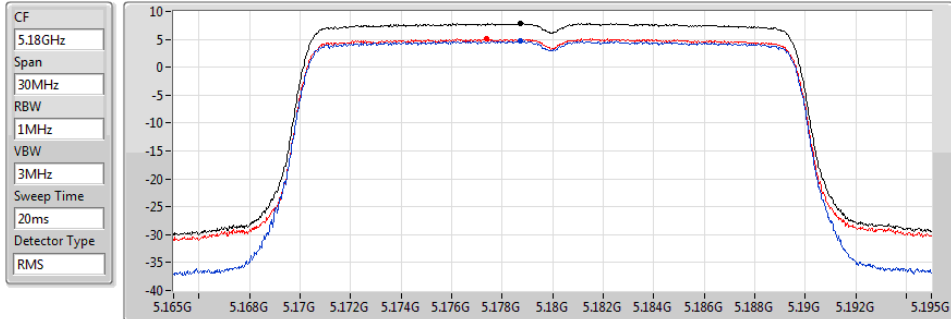
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
14.16	14.16	10.96	11.48

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5180MHz

05/10/2019



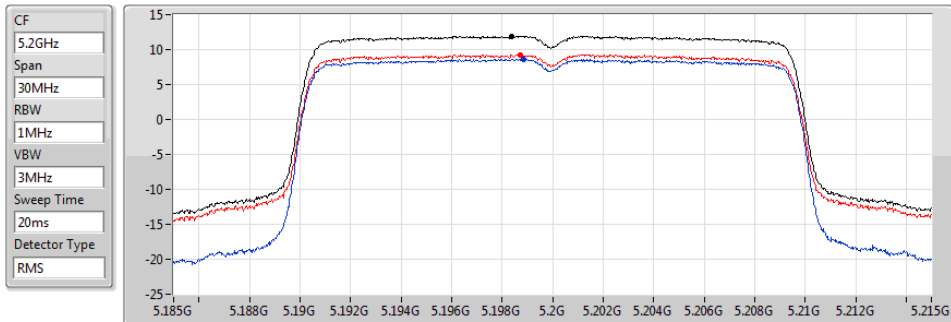
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.88	7.88	4.70	5.05

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5200MHz

05/10/2019



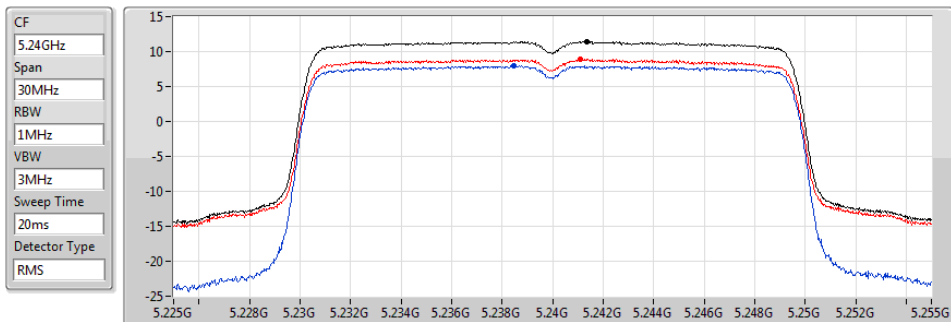
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.92	11.92	8.67	9.27

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5240MHz

05/10/2019



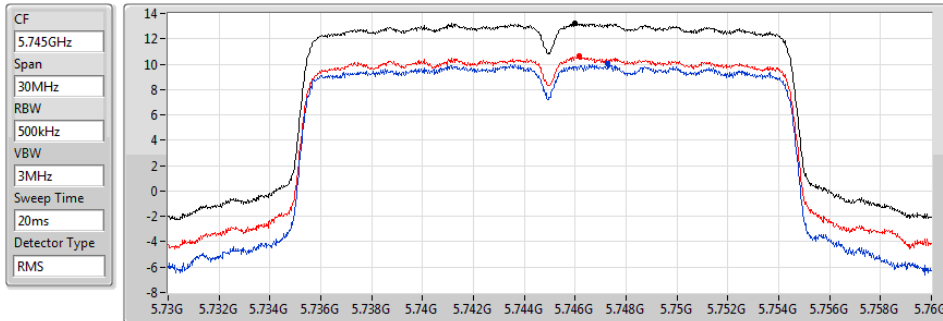
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.42	11.42	7.99	8.91

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5745MHz

05/10/2019



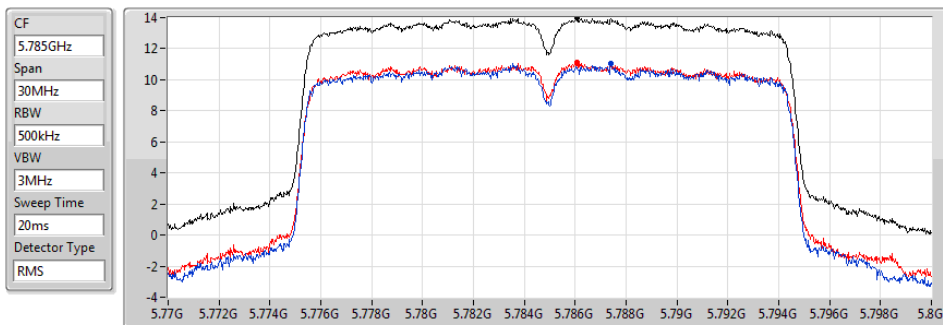
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.20	13.20	10.04	10.64

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5785MHz

05/10/2019



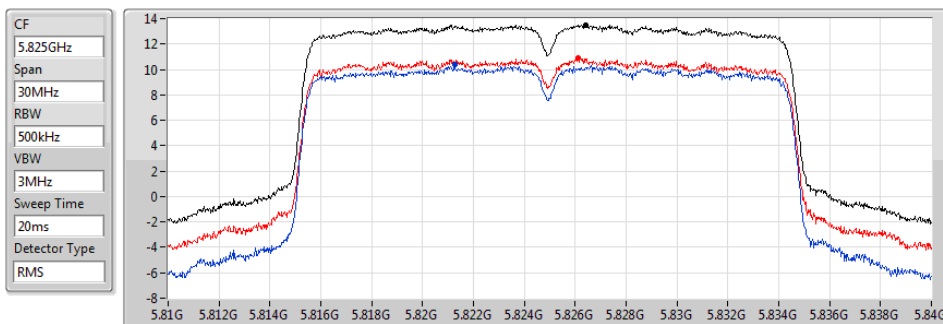
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.98	13.98	11.08	11.15

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5825MHz

05/10/2019



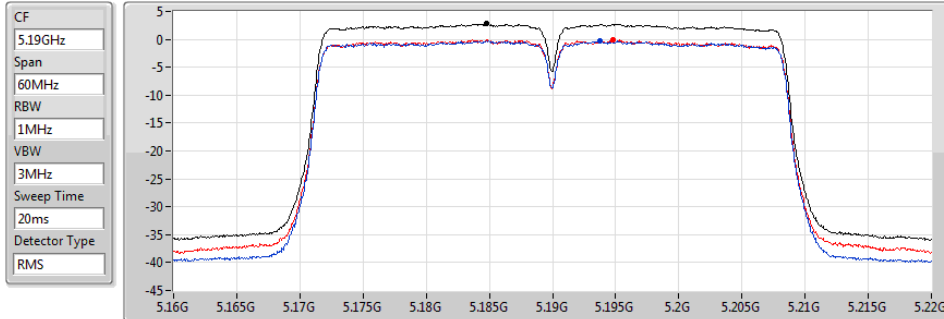
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.51	13.51	10.36	10.89

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5190MHz

05/10/2019



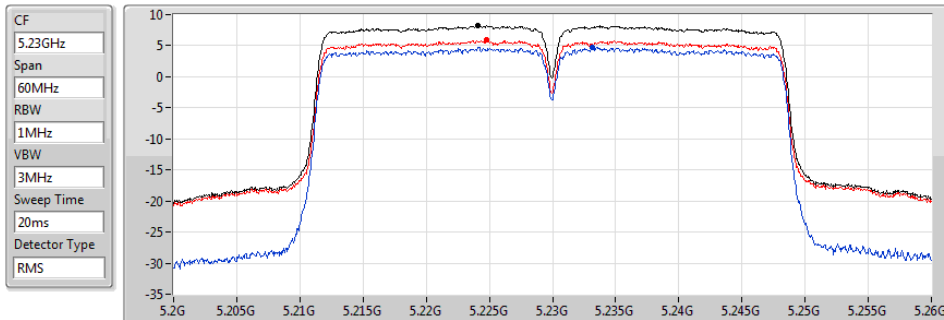
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.77	2.77	-0.31	-0.09

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5230MHz

05/10/2019



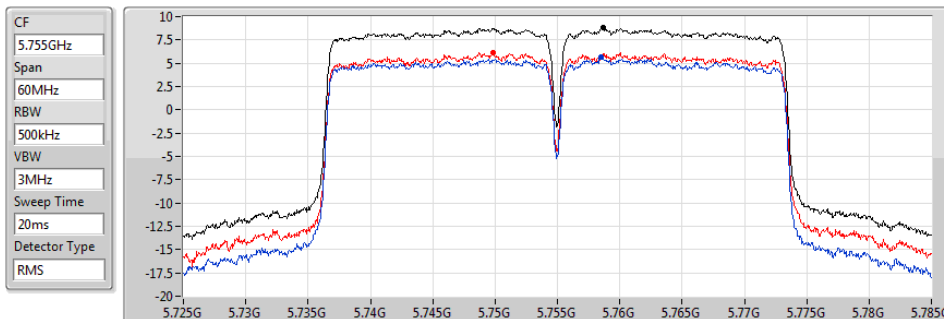
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.17	8.17	4.72	5.93

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5755MHz

05/10/2019



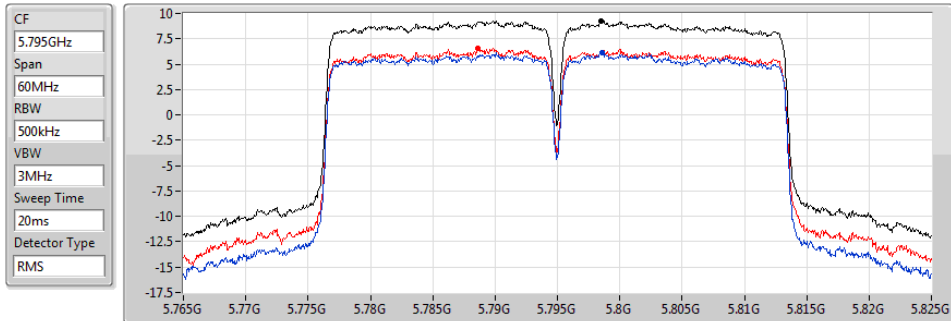
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.77	8.77	5.63	6.18

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5795MHz

05/10/2019



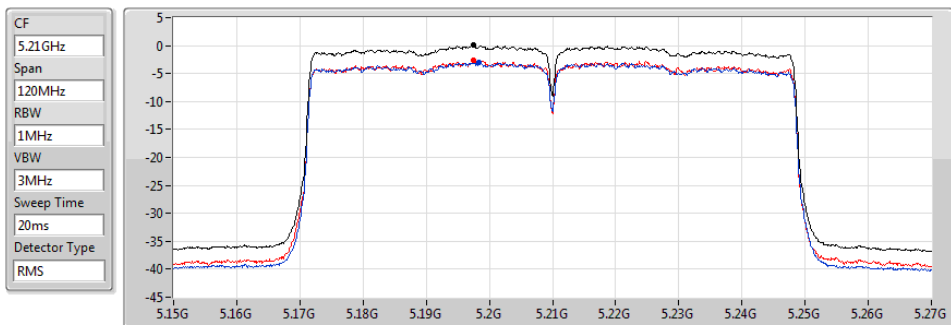
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.23	9.23	6.13	6.52

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5210MHz

05/10/2019



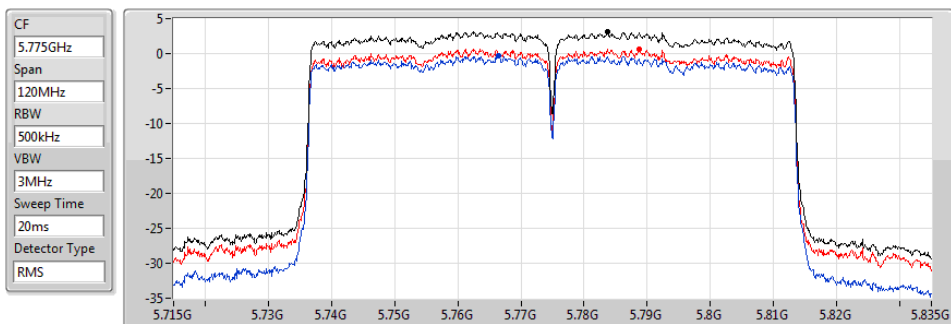
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.03	0.03	-3.10	-2.69

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5775MHz

05/10/2019



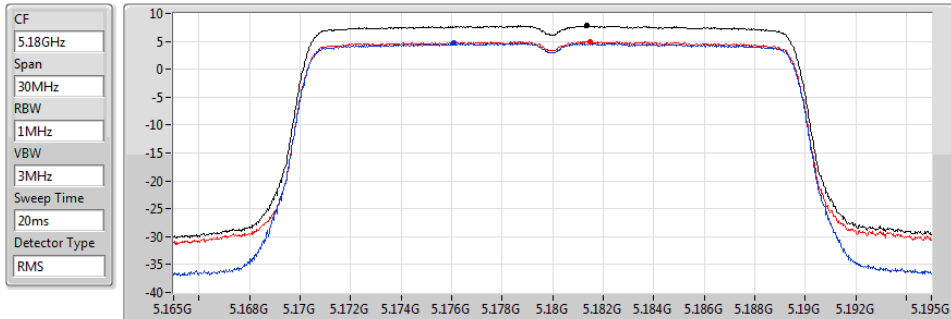
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.10	3.10	-0.39	0.65

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5180MHz

04/10/2019



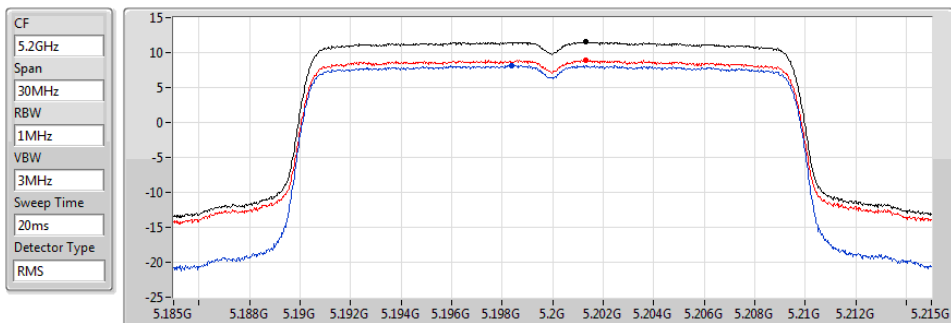
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.77	7.77	4.66	4.95

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5200MHz

05/10/2019



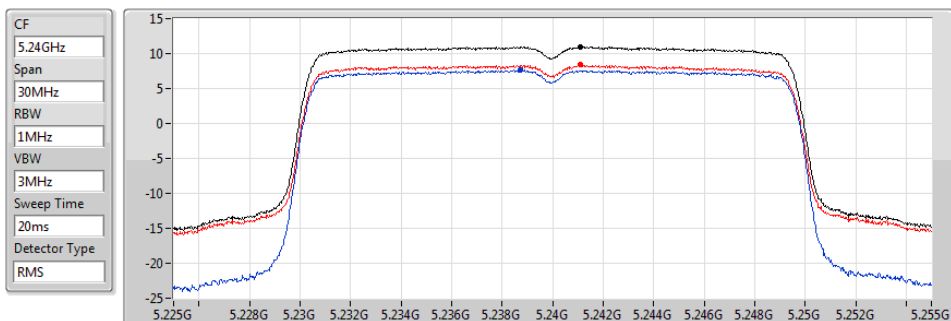
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.55	11.55	8.16	8.95

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5240MHz

05/10/2019



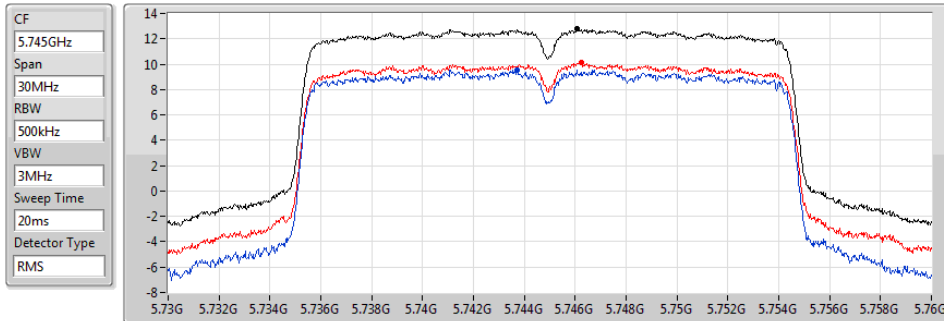
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.97	10.97	7.59	8.36

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5745MHz

05/10/2019



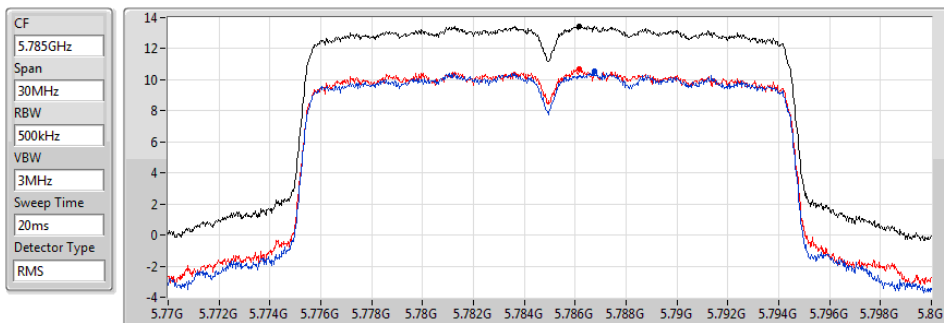
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
12.79	12.79	9.55	10.15

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5785MHz

05/10/2019



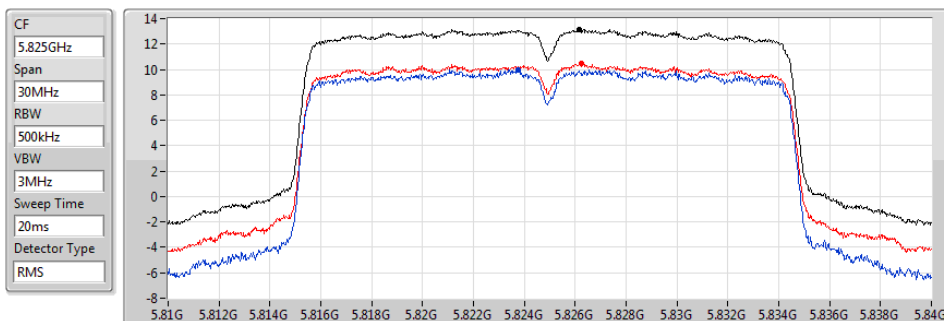
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
13.47	13.47	10.58	10.68

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5825MHz

05/10/2019



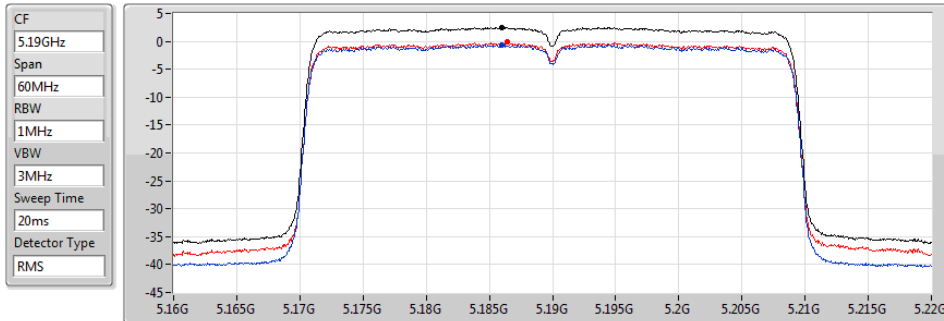
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
13.16	13.16	9.96	10.45

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5190MHz

05/10/2019



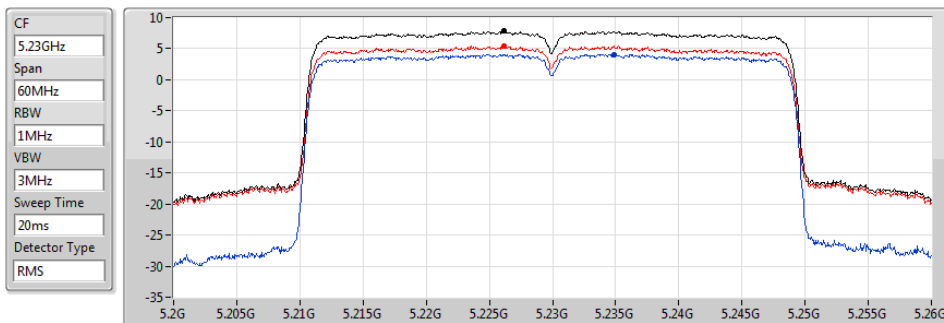
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.55	2.55	-0.58	-0.16

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5230MHz

05/10/2019



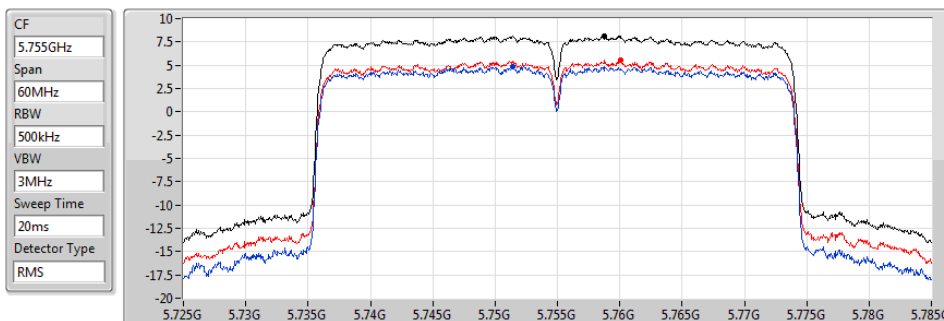
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.81	7.81	4.10	5.44

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5755MHz

05/10/2019



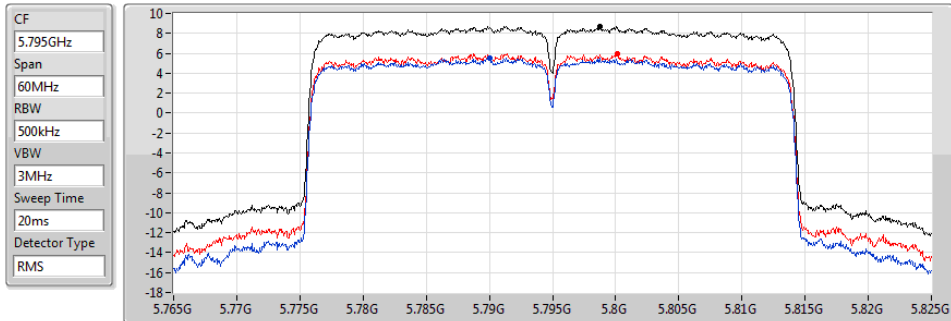
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.18	8.18	4.85	5.54

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5795MHz

05/10/2019



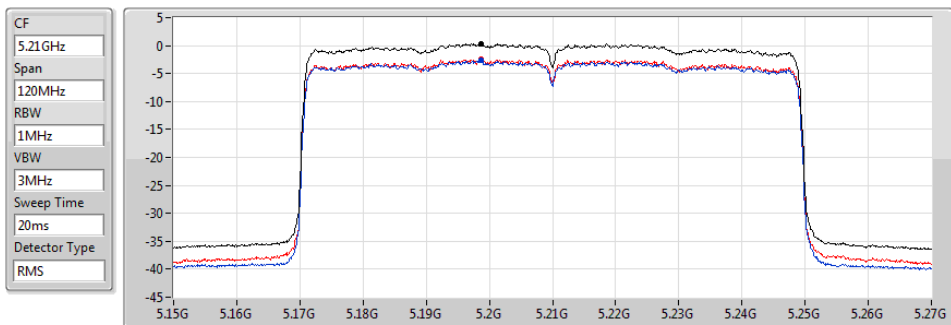
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.69	8.69	5.51	6.00

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5210MHz

05/10/2019



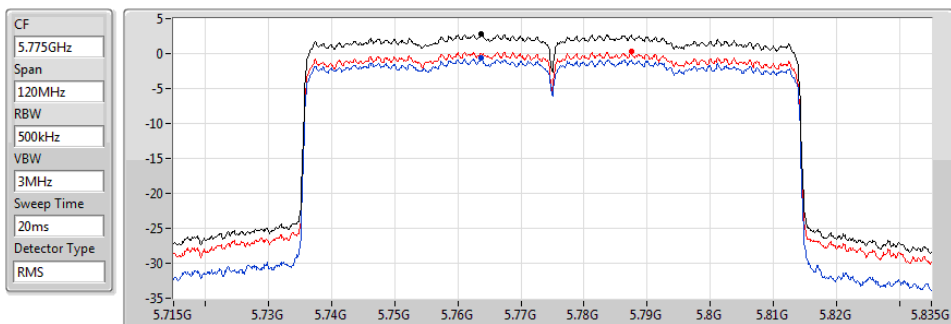
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.40	0.40	-2.65	-2.48

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5775MHz

05/10/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.74	2.74	-0.61	0.25