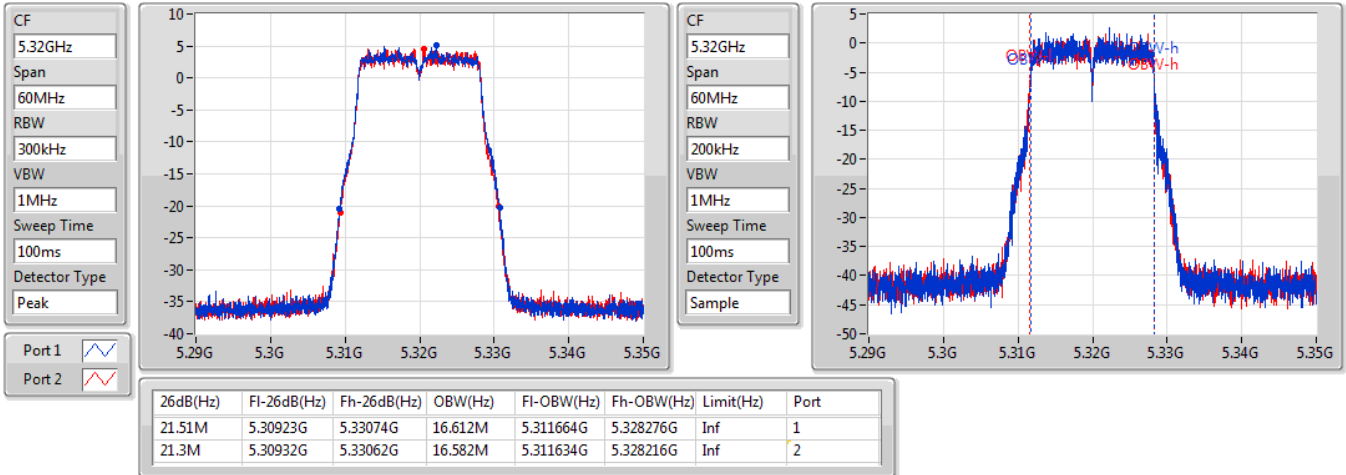
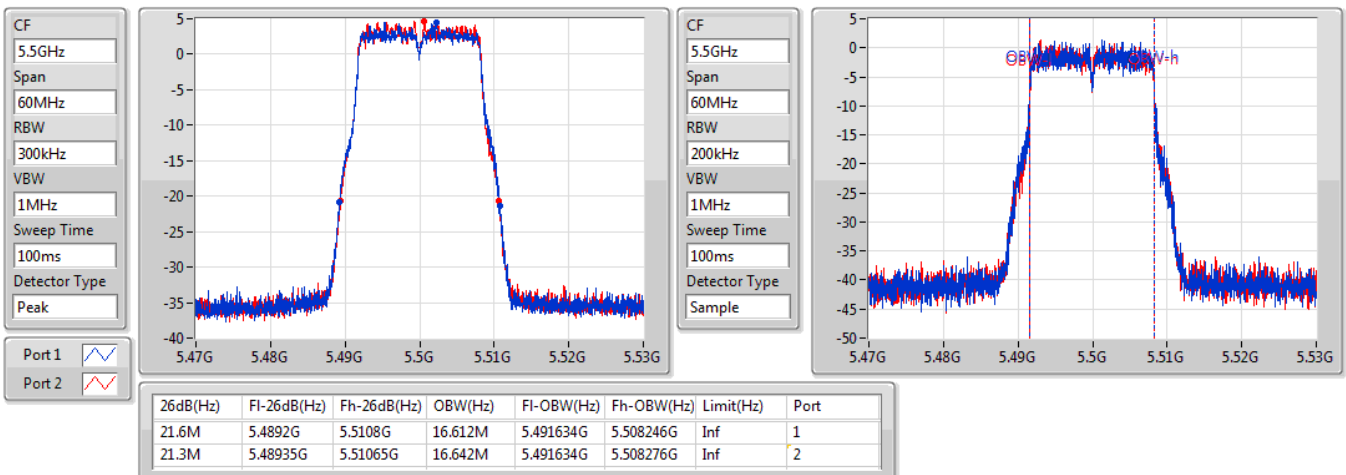


802.11a_Nss1,(6Mbps)_2TX
EBW
5320MHz

11/11/2019

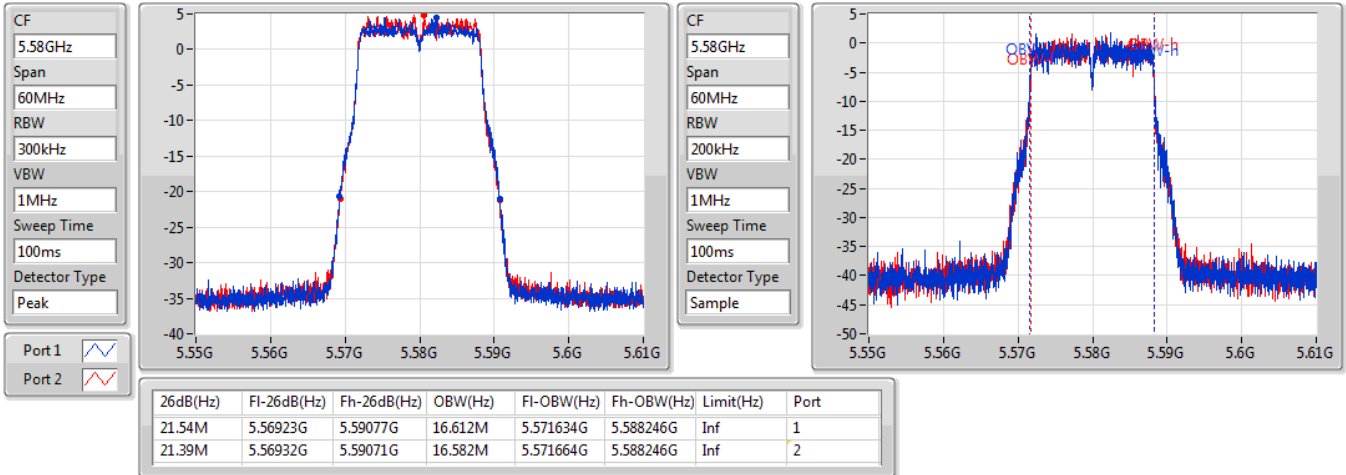

802.11a_Nss1,(6Mbps)_2TX
EBW
5500MHz

11/11/2019

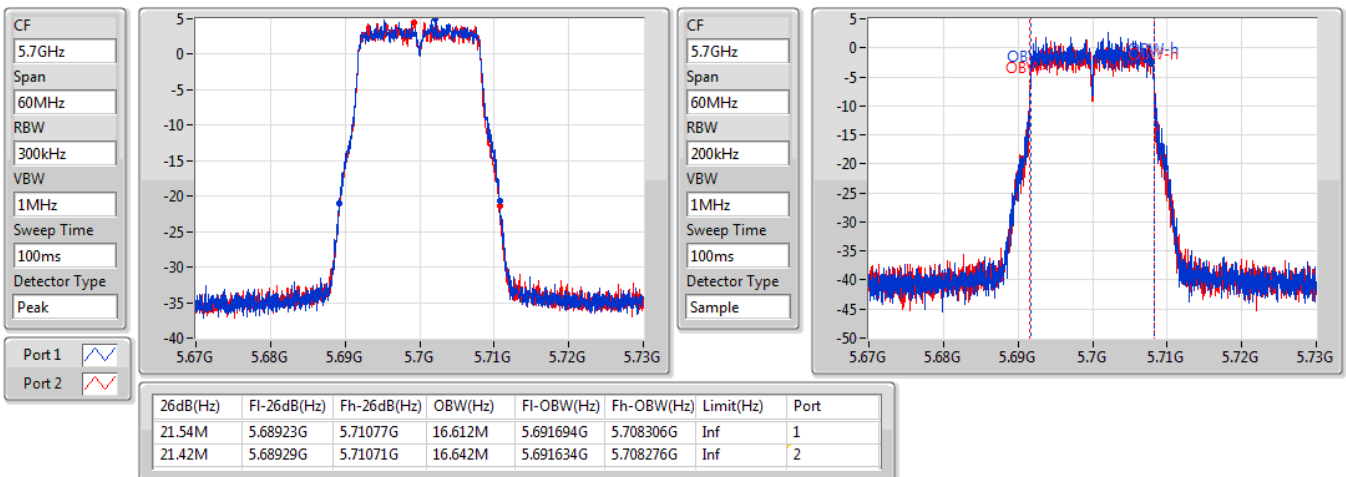


802.11a_Nss1,(6Mbps)_2TX
EBW
5580MHz

11/11/2019

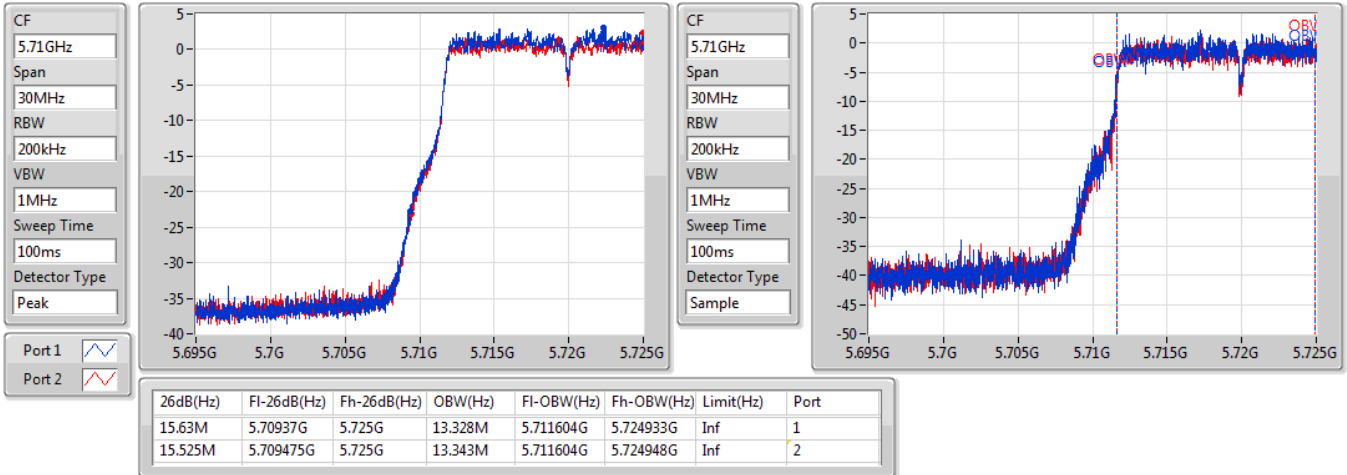

802.11a_Nss1,(6Mbps)_2TX
EBW
5700MHz

11/11/2019

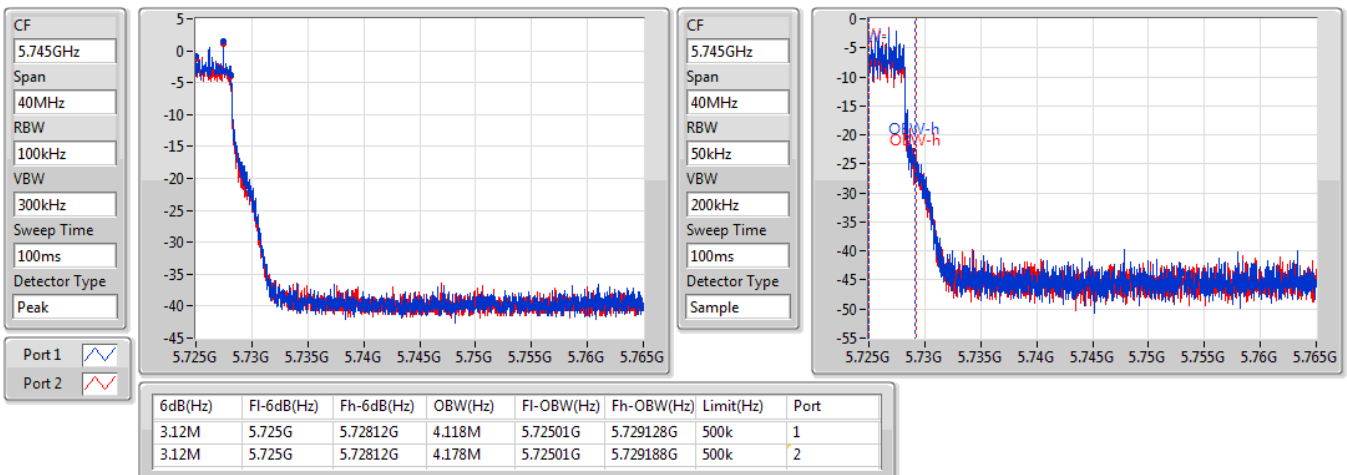


802.11a_Nss1,(6Mbps)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

11/11/2019

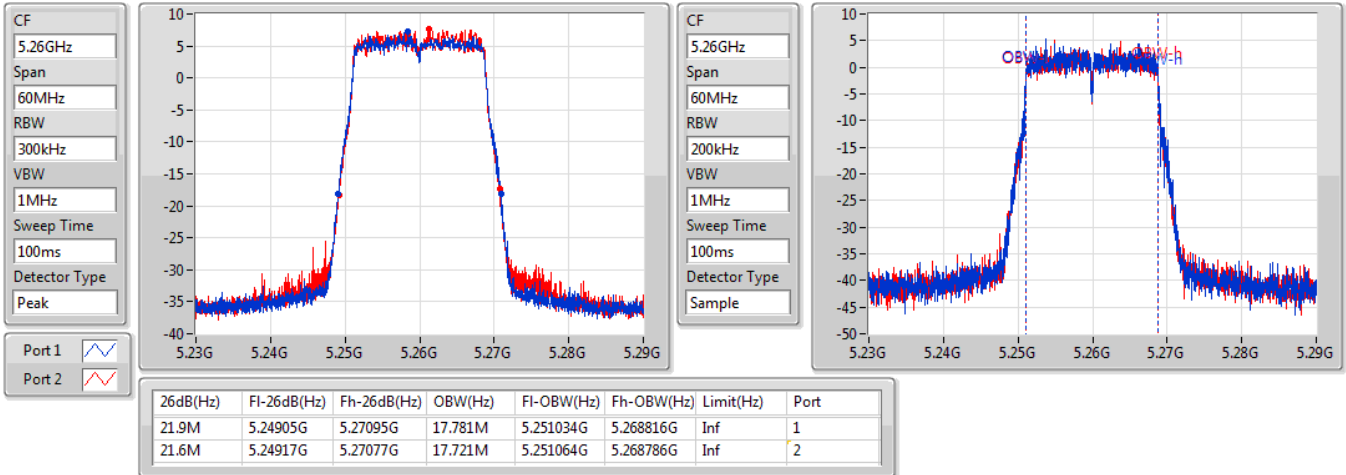

802.11a_Nss1,(6Mbps)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

11/11/2019

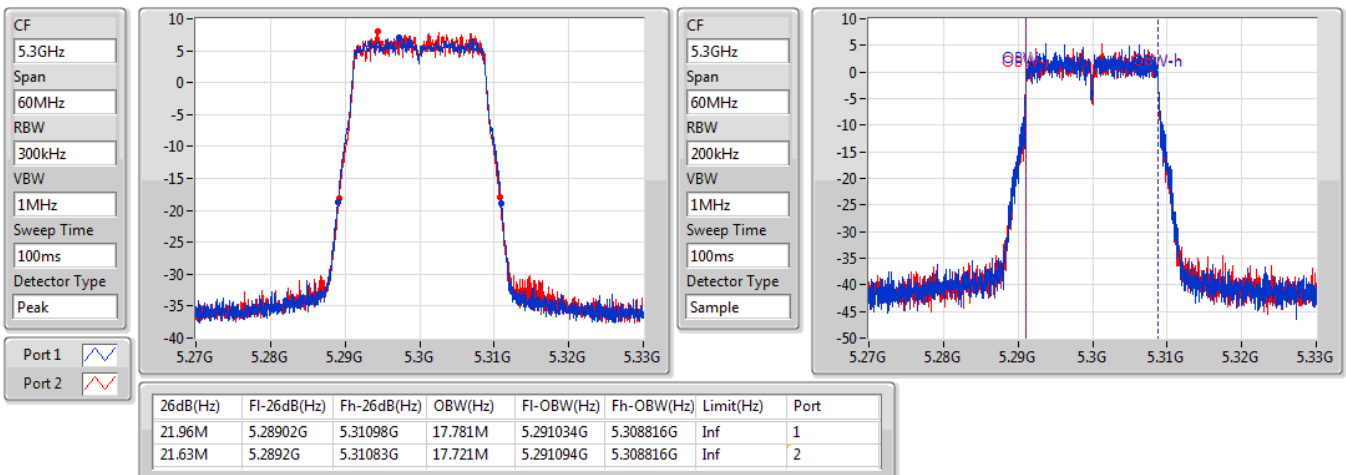


802.11ac VHT20_Nss2,(MCS0)_2TX
EBW
5260MHz

11/11/2019

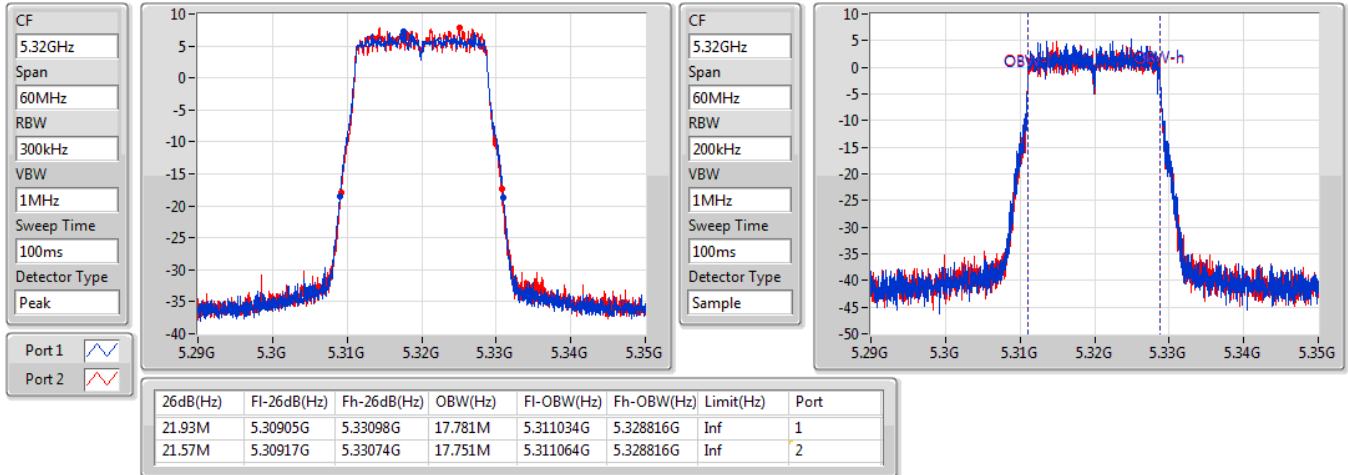

802.11ac VHT20_Nss2,(MCS0)_2TX
EBW
5300MHz

11/11/2019

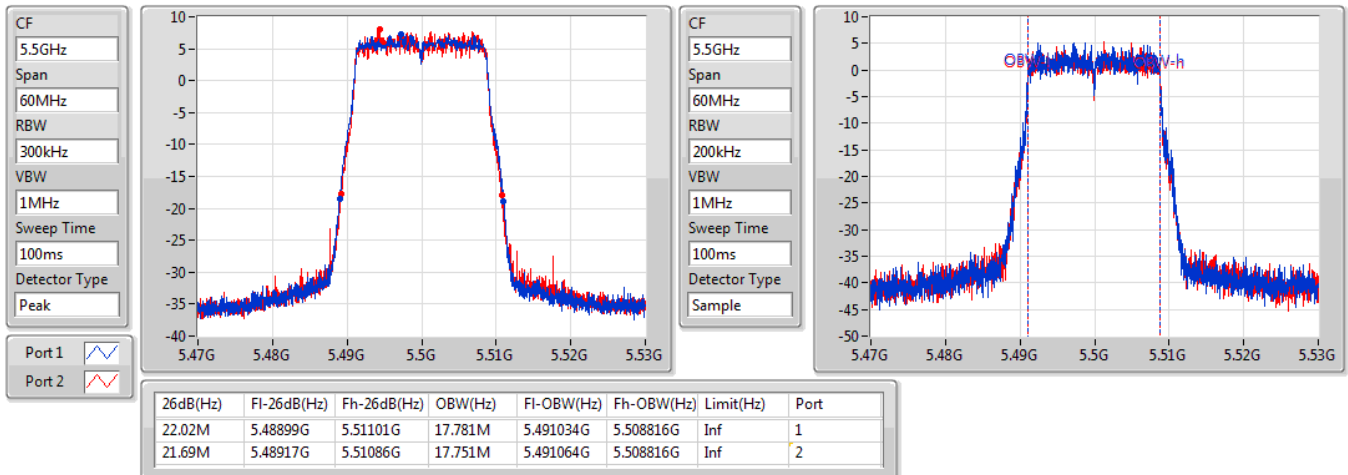


802.11ac VHT20_Nss2,(MCS0)_2TX
EBW
5320MHz

11/11/2019

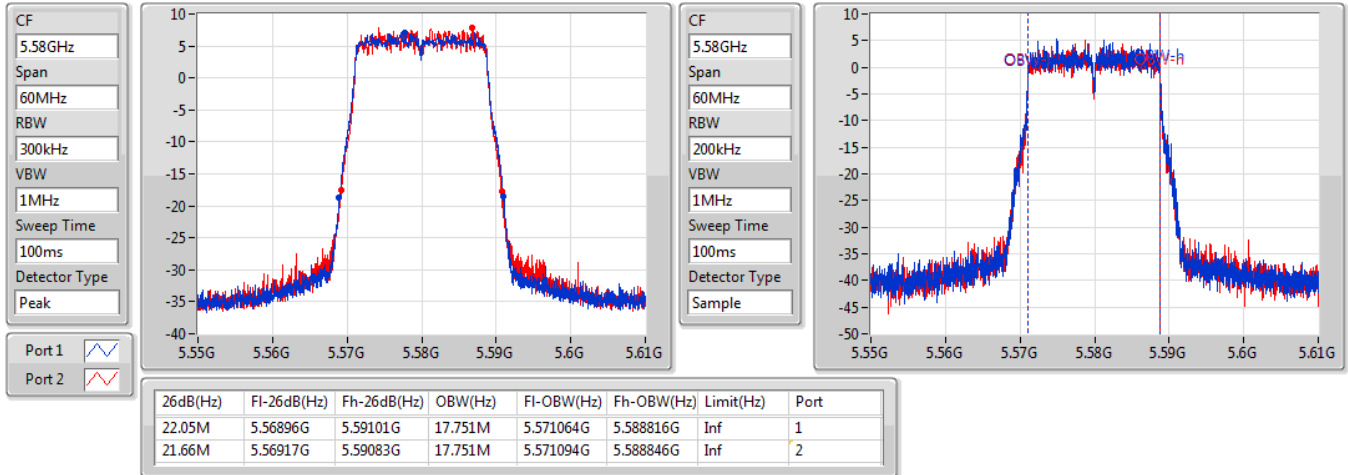

802.11ac VHT20_Nss2,(MCS0)_2TX
EBW
5500MHz

11/11/2019

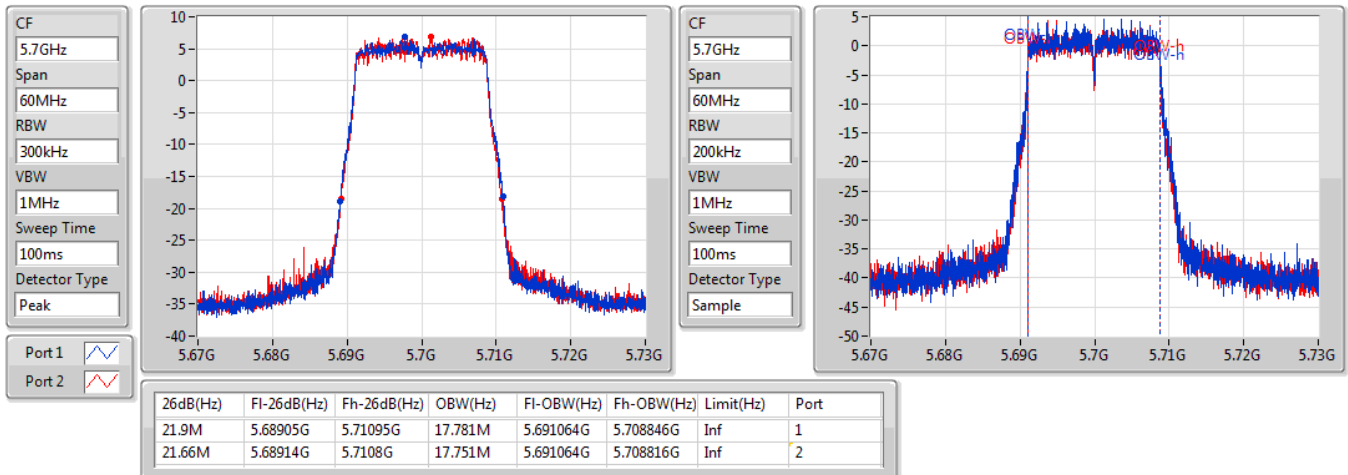


802.11ac VHT20_Nss2,(MCS0)_2TX
EBW
5580MHz

11/11/2019

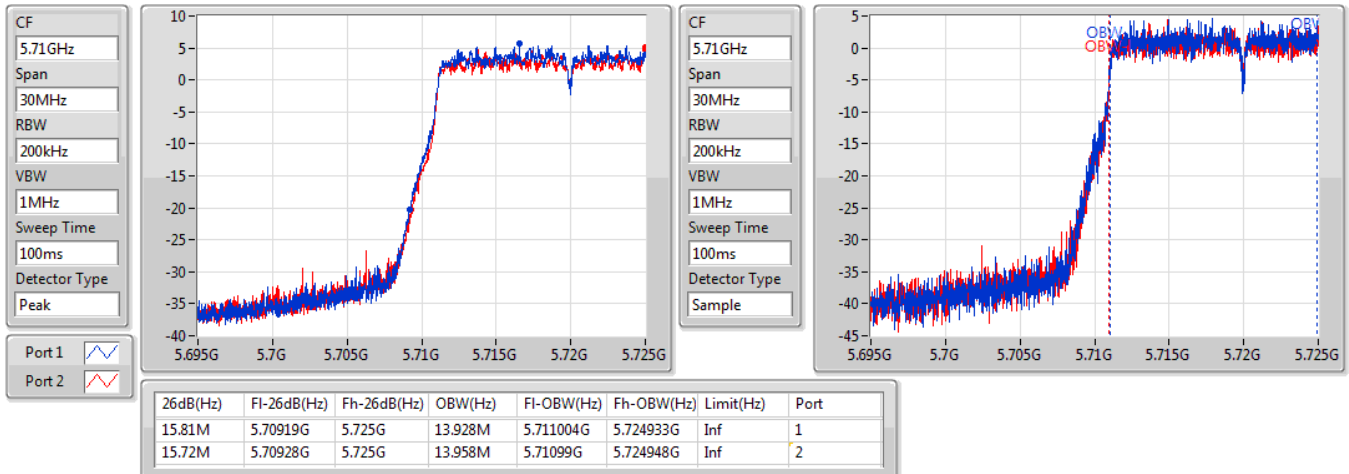

802.11ac VHT20_Nss2,(MCS0)_2TX
EBW
5700MHz

11/11/2019

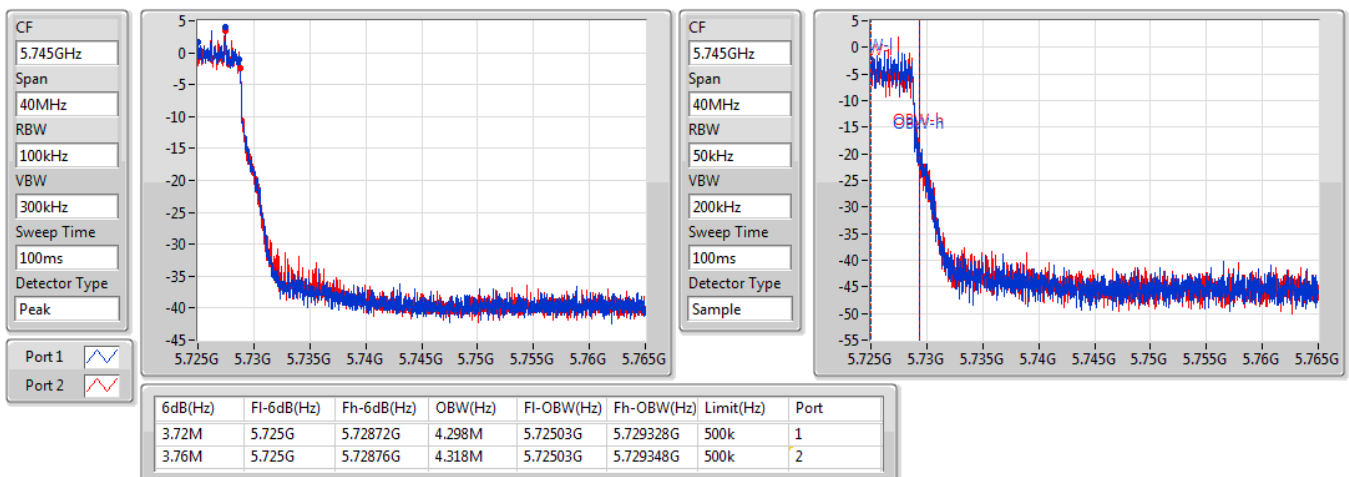


802.11ac VHT20_Nss2,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

11/11/2019

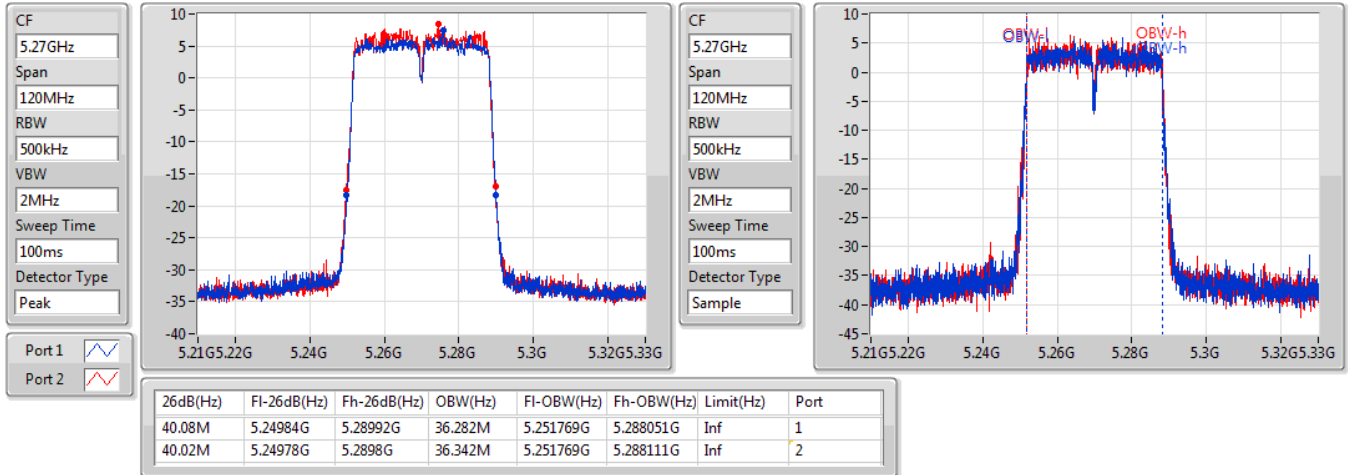

802.11ac VHT20_Nss2,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

11/11/2019

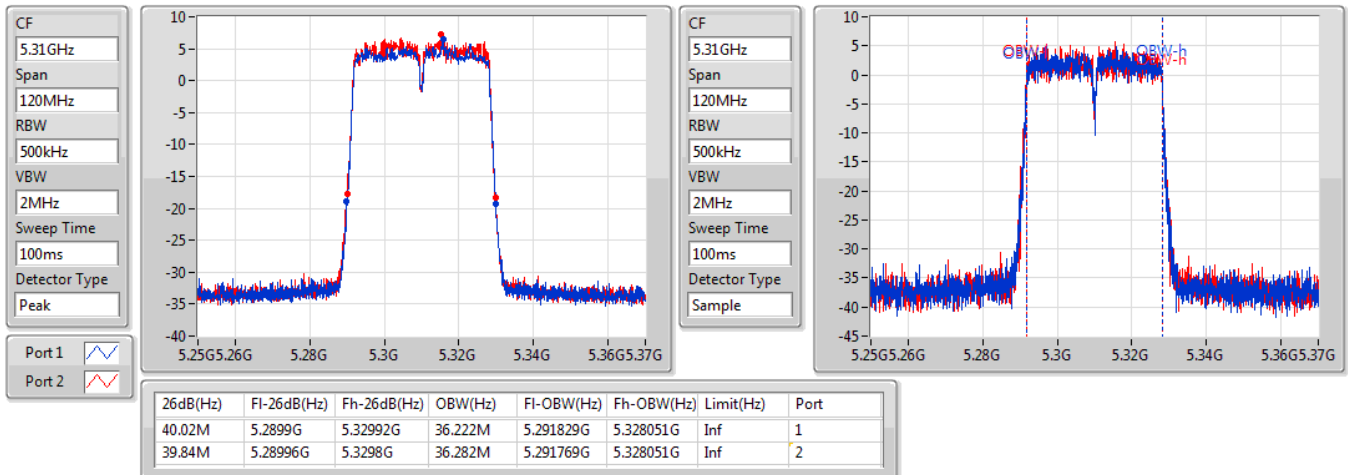


802.11ac VHT40_Nss2,(MCS0)_2TX
EBW
5270MHz

11/11/2019

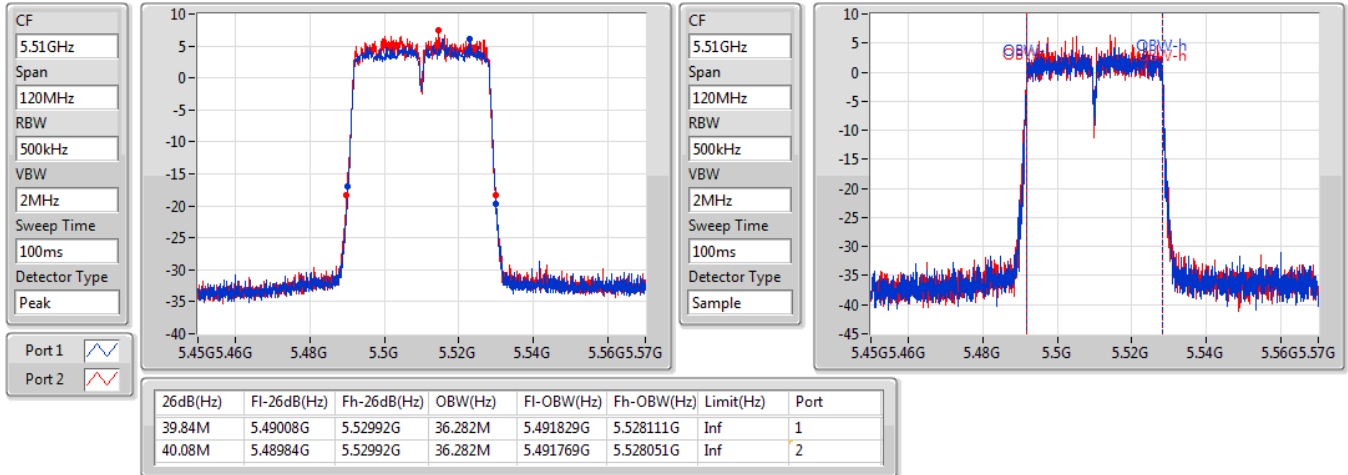

802.11ac VHT40_Nss2,(MCS0)_2TX
EBW
5310MHz

11/11/2019

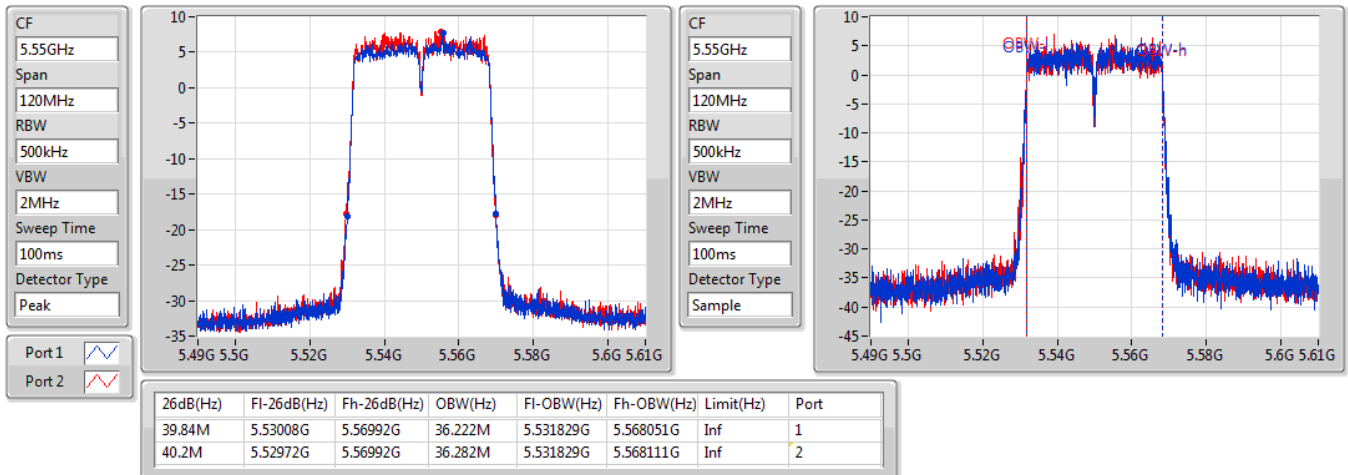


802.11ac VHT40_Nss2,(MCS0)_2TX
EBW
5510MHz

11/11/2019

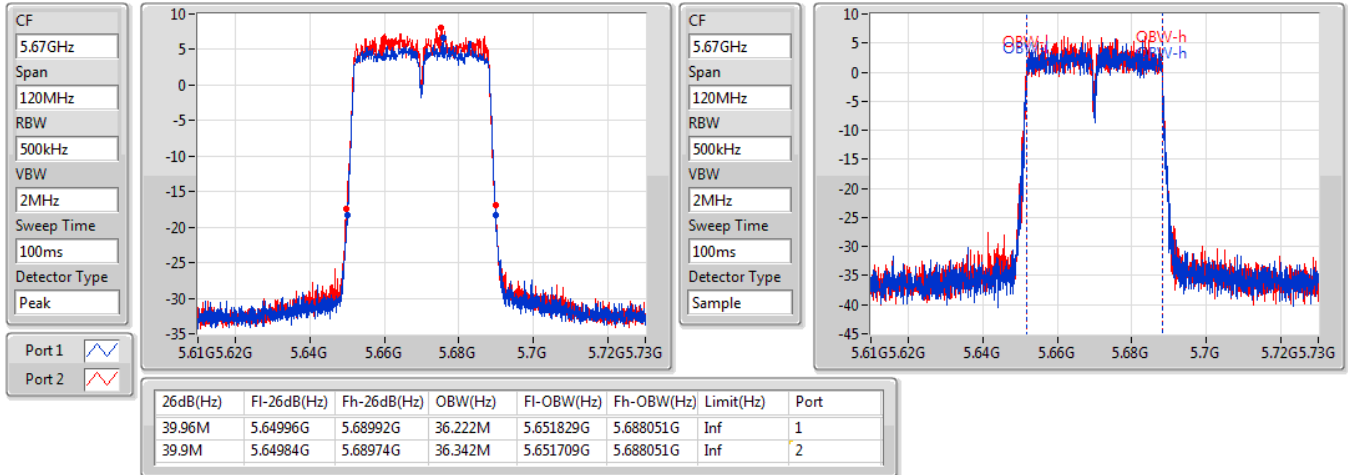

802.11ac VHT40_Nss2,(MCS0)_2TX
EBW
5550MHz

11/11/2019

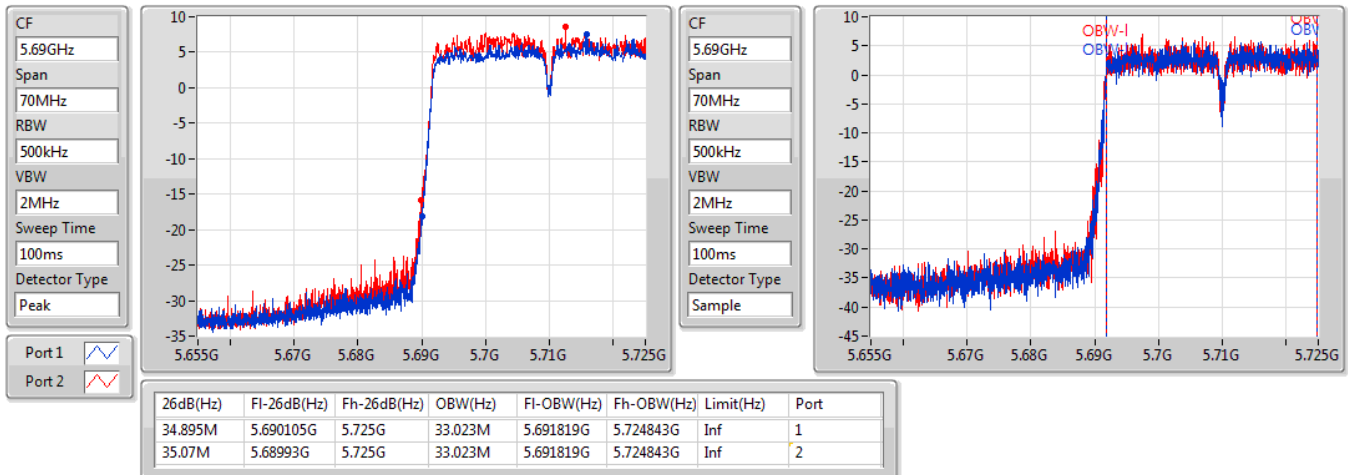


802.11ac VHT40_Nss2,(MCS0)_2TX
EBW
5670MHz

11/11/2019

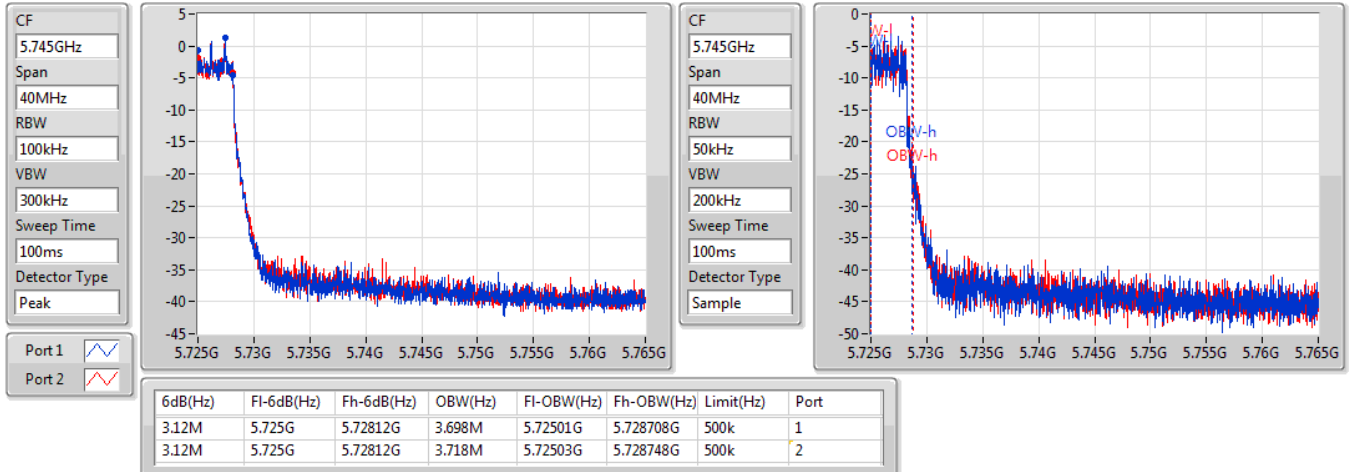

802.11ac VHT40_Nss2,(MCS0)_2TX
EBW
5710MHz Straddle 5.47-5.725GHz

11/11/2019

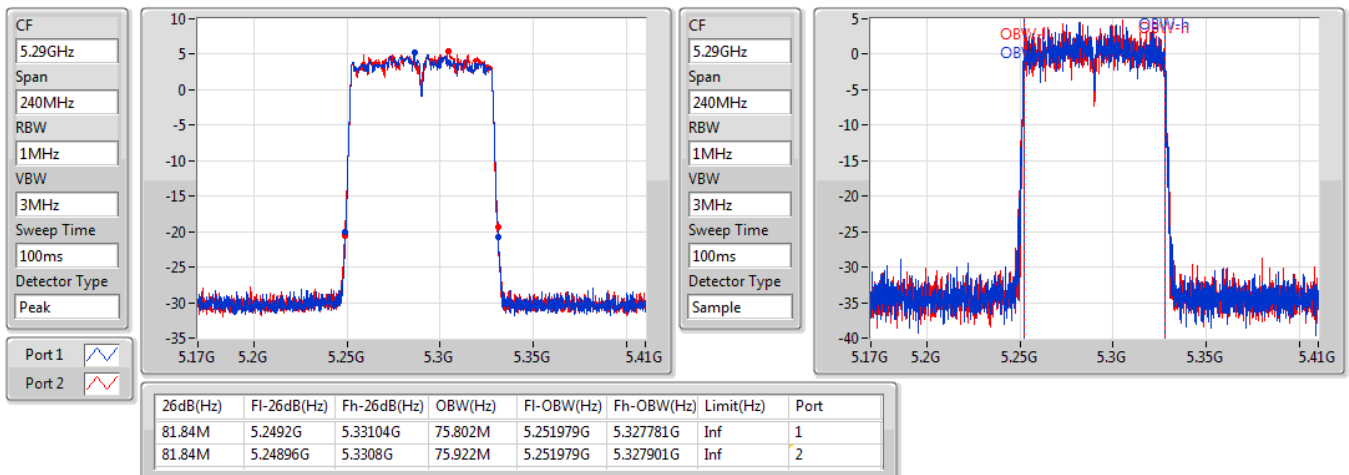


802.11ac VHT40_Nss2,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

11/11/2019

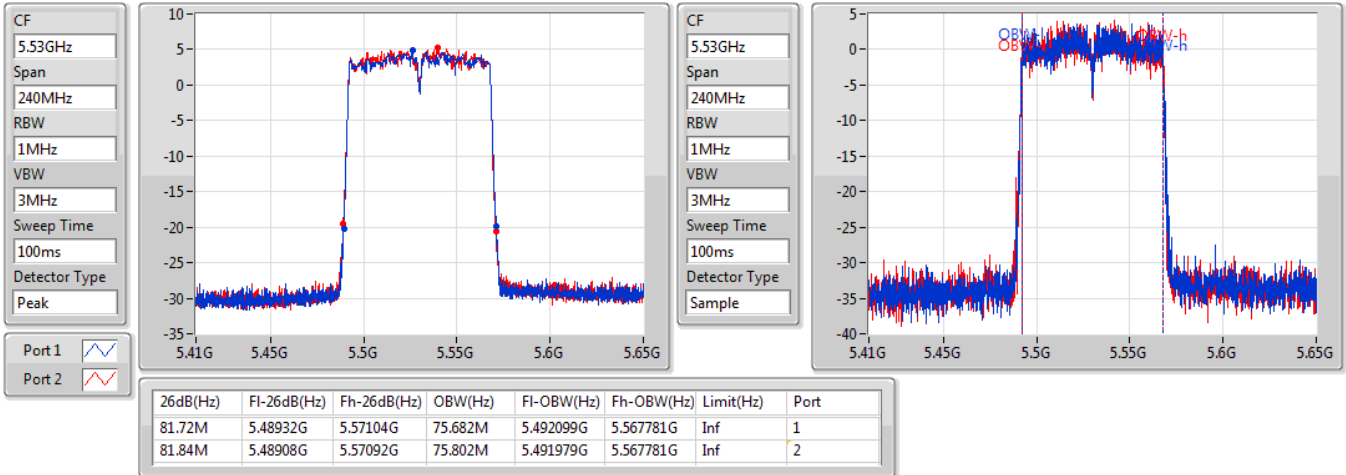

802.11ac VHT80_Nss2,(MCS0)_2TX
EBW
5290MHz

11/11/2019

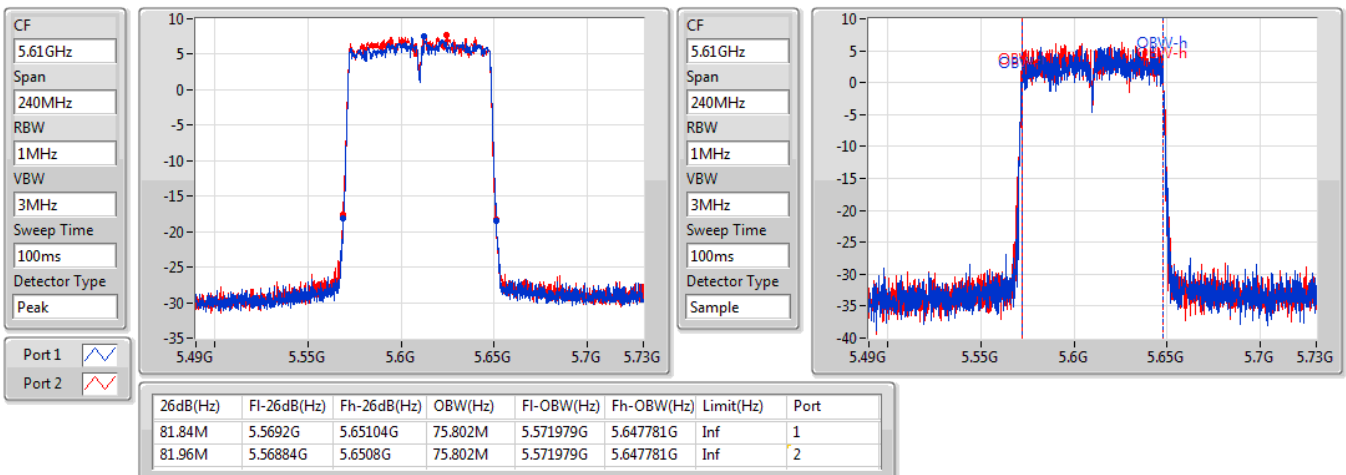


802.11ac VHT80_Nss2,(MCS0)_2TX
EBW
5530MHz

11/11/2019

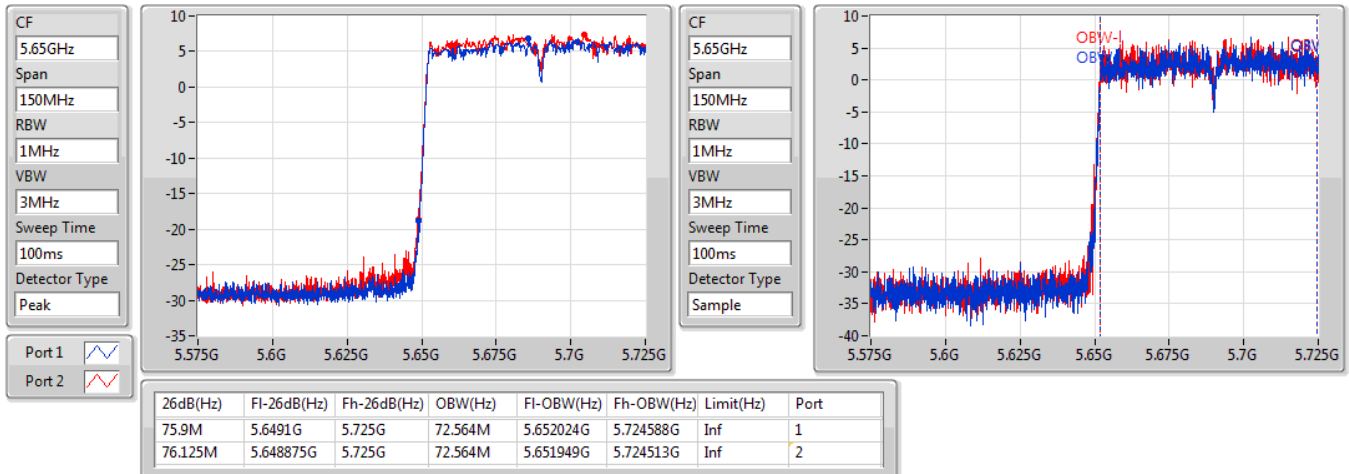

802.11ac VHT80_Nss2,(MCS0)_2TX
EBW
5610MHz

11/11/2019

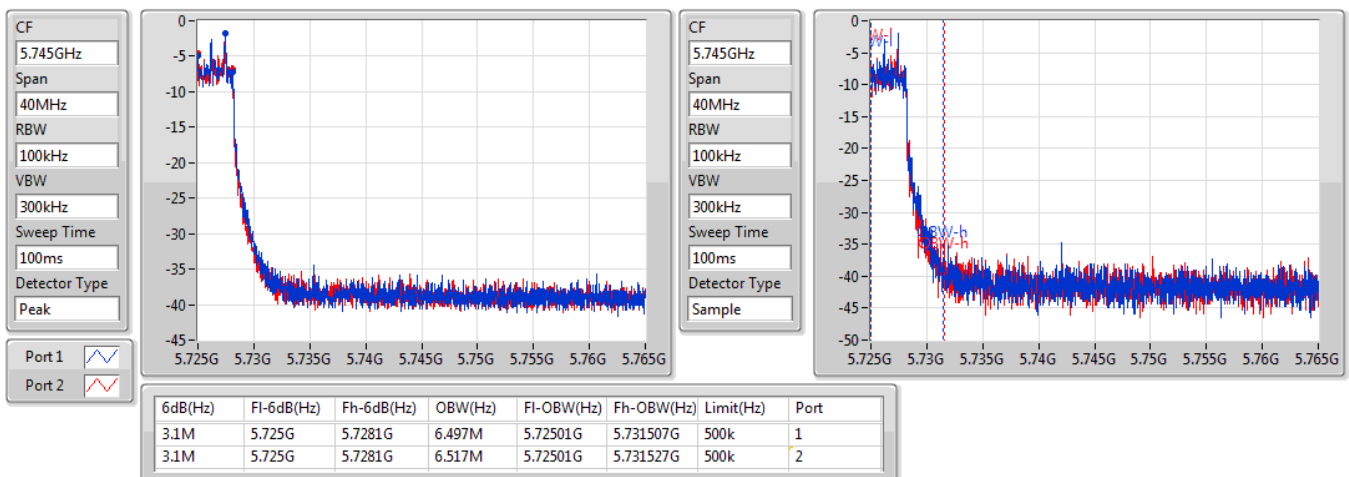


802.11ac VHT80_Nss2,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

11/11/2019

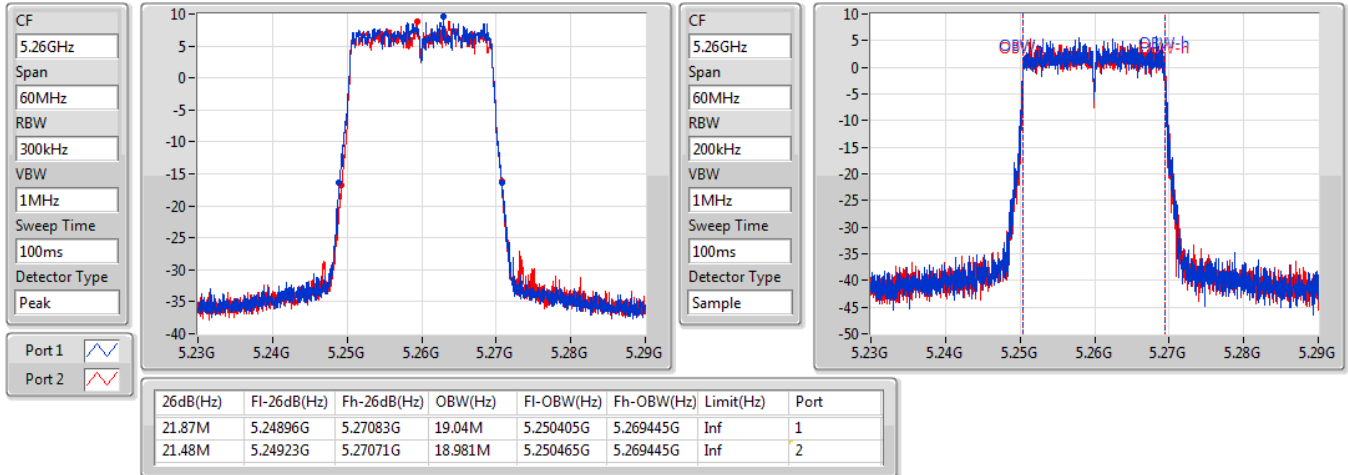

802.11ac VHT80_Nss2,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

11/11/2019

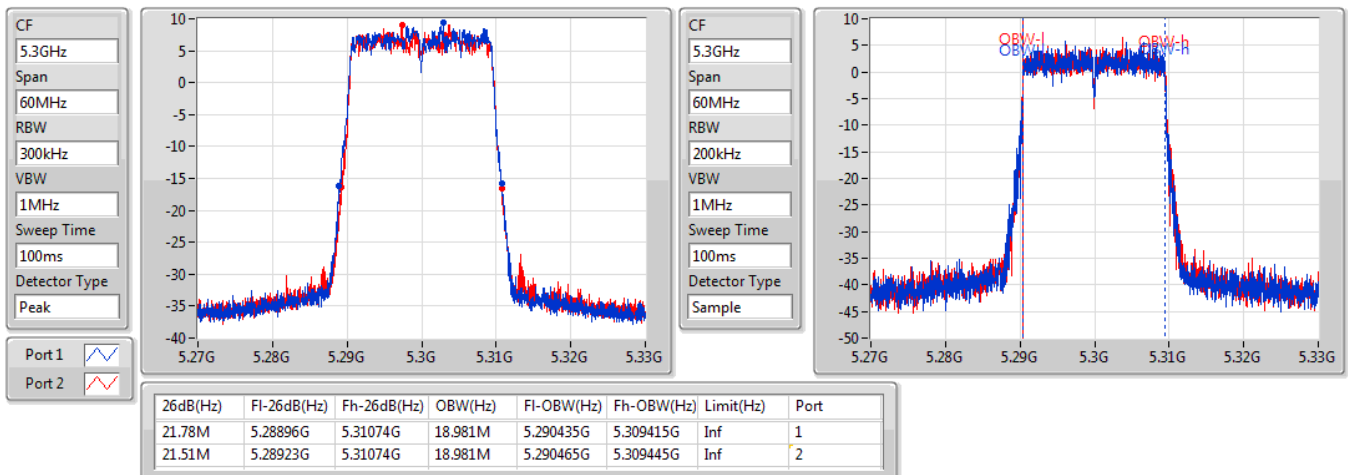


802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
5260MHz

11/11/2019

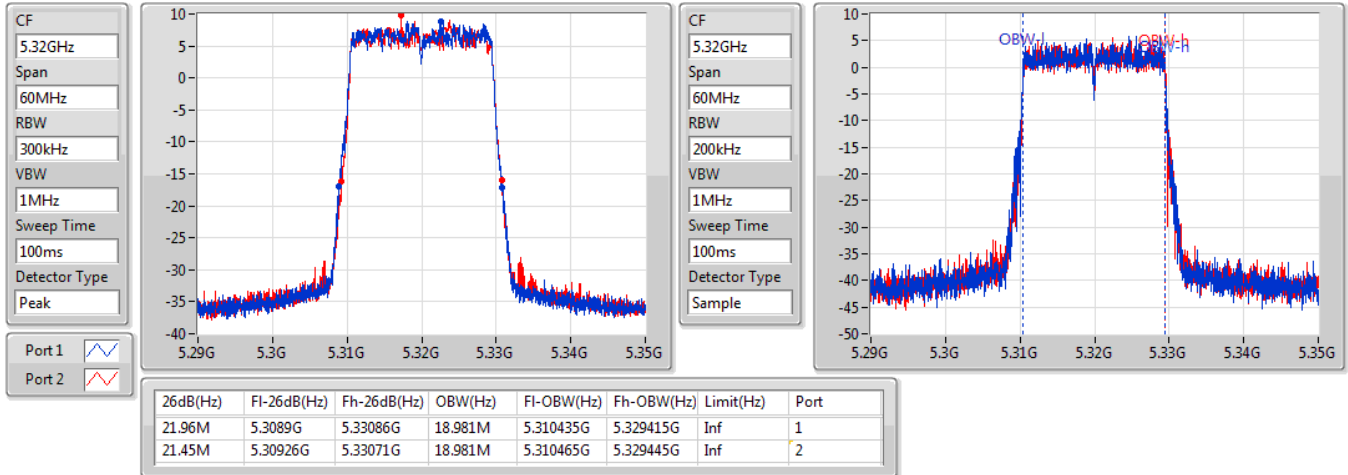

802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
5300MHz

11/11/2019

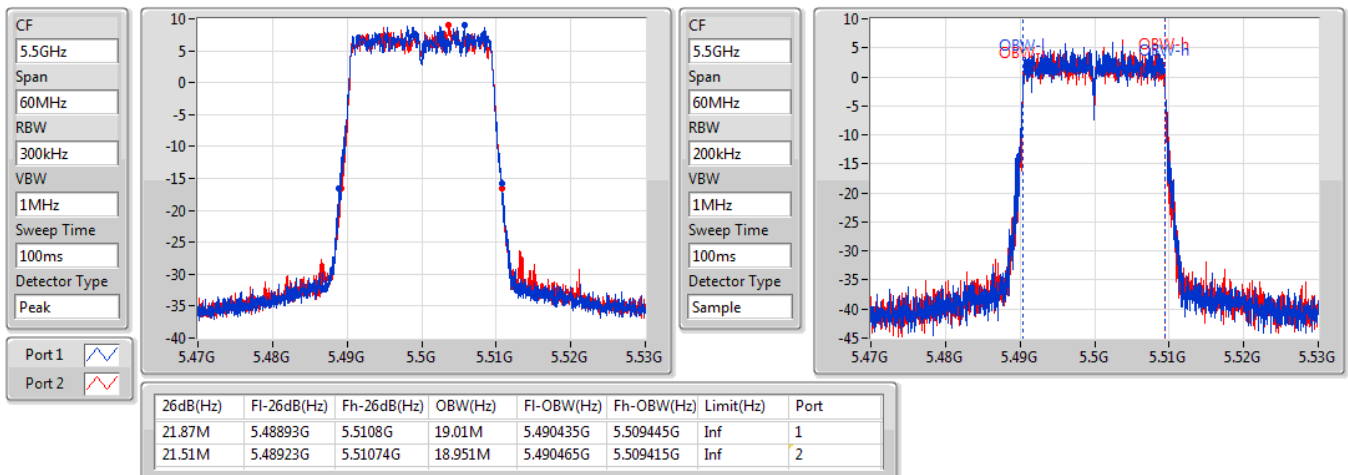


802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
5320MHz

11/11/2019

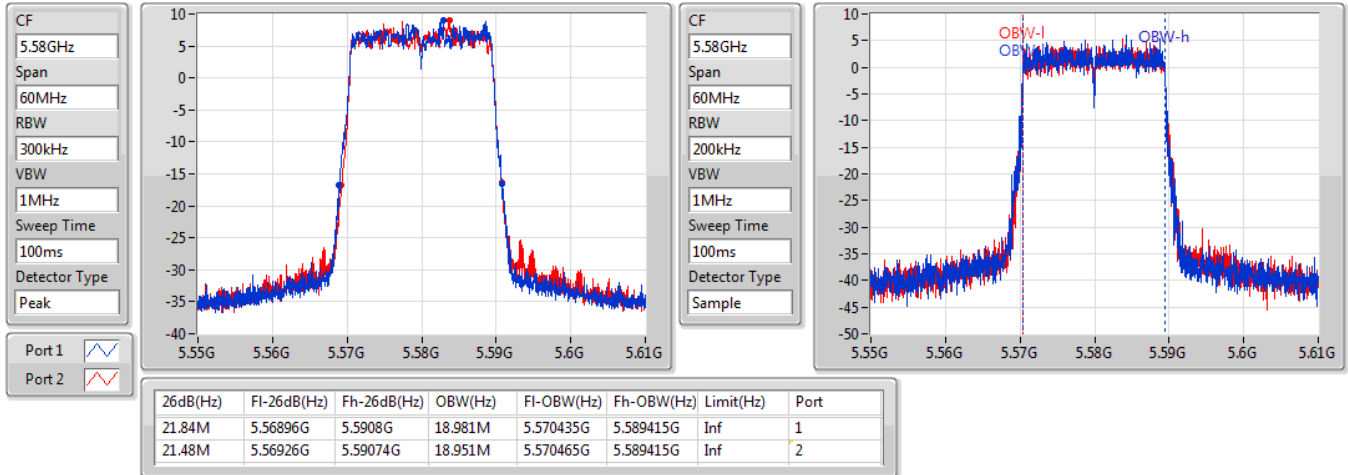

802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
5500MHz

11/11/2019

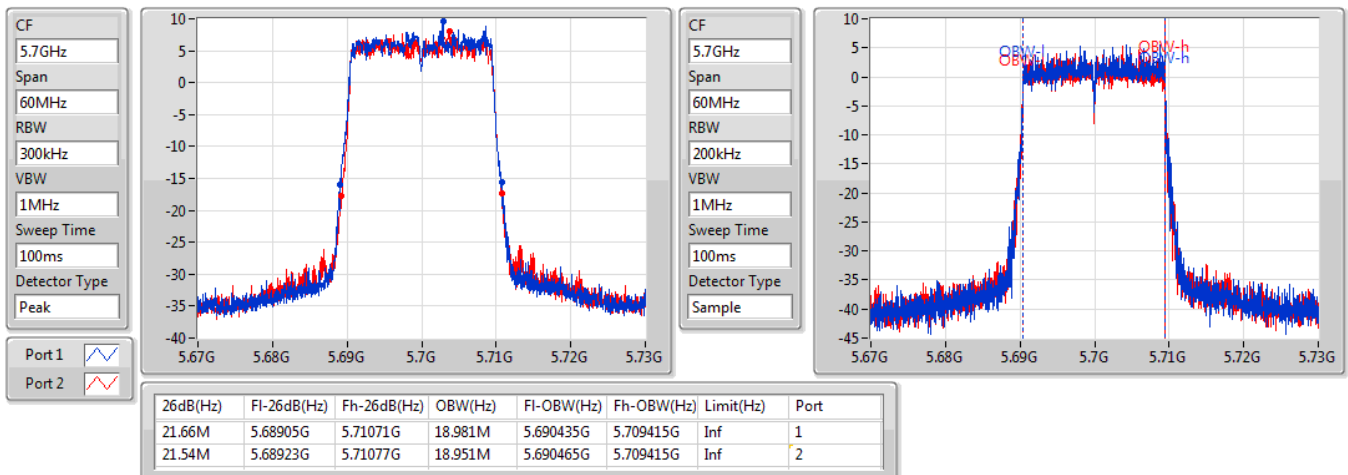


802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
5580MHz

11/11/2019

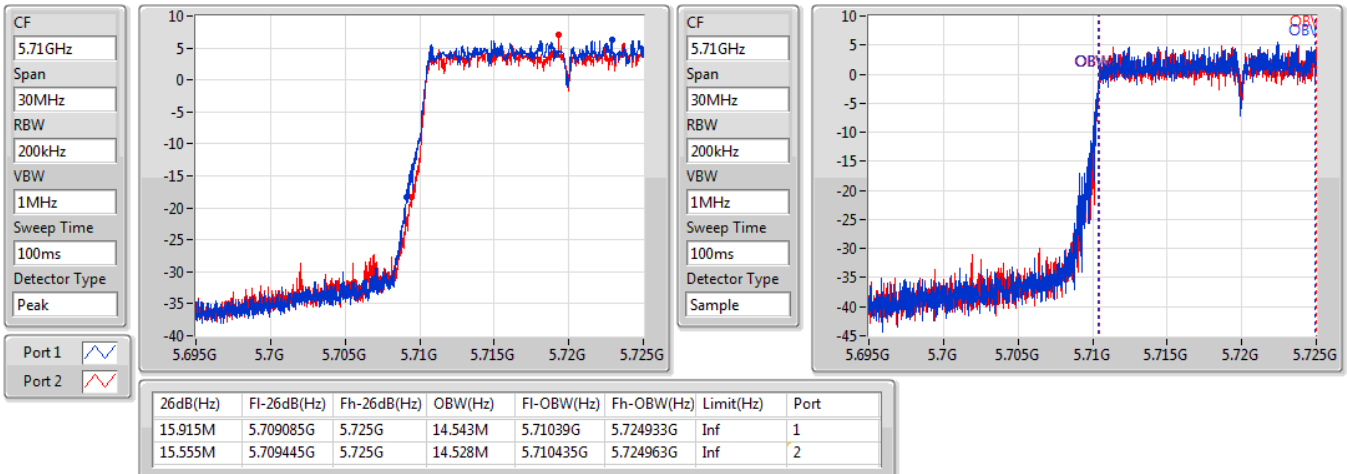

802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
5700MHz

11/11/2019

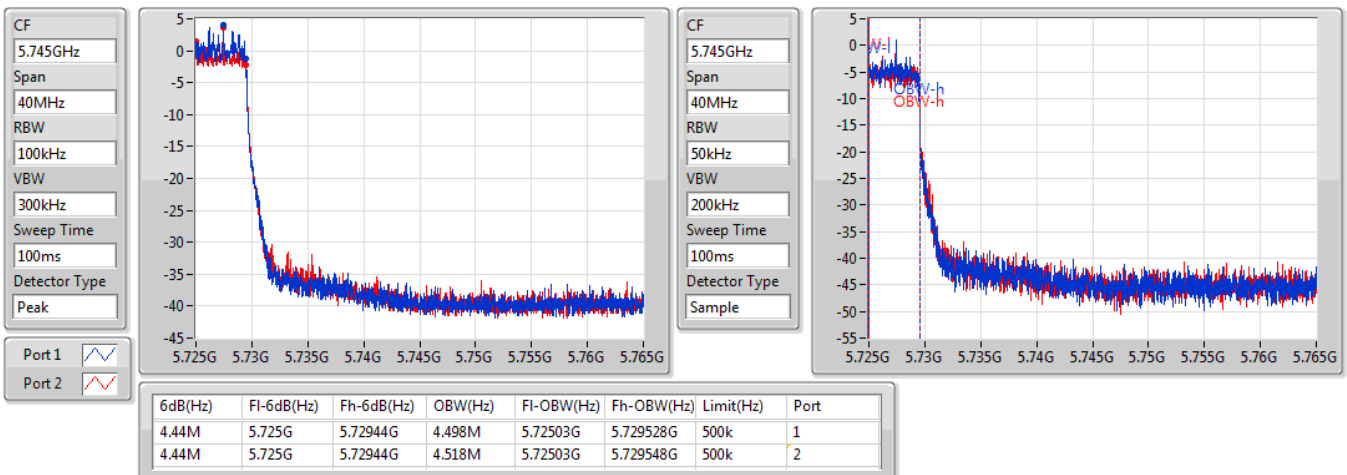


802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

11/11/2019

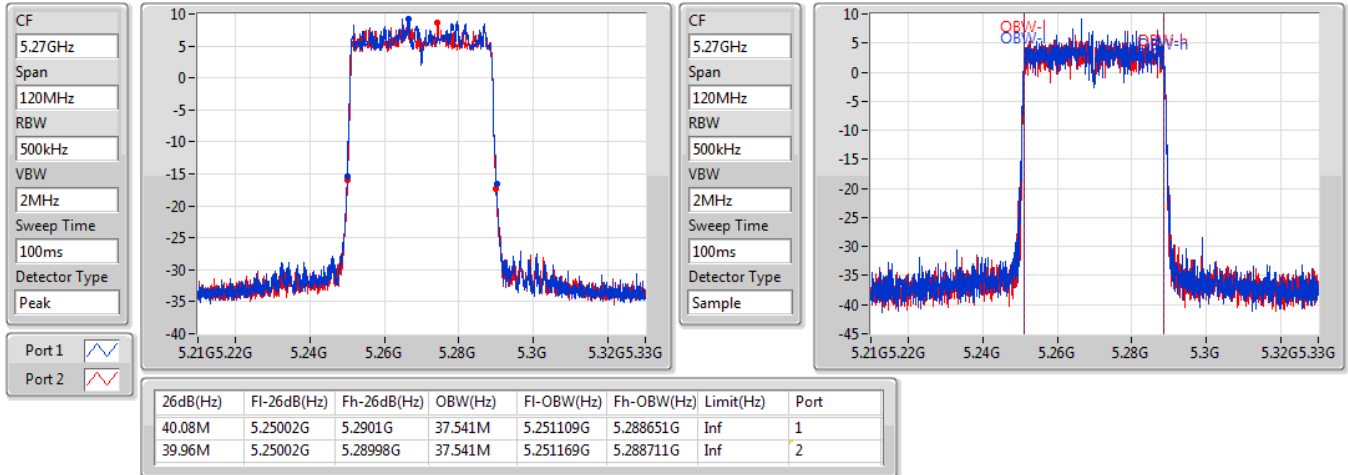

802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

11/11/2019

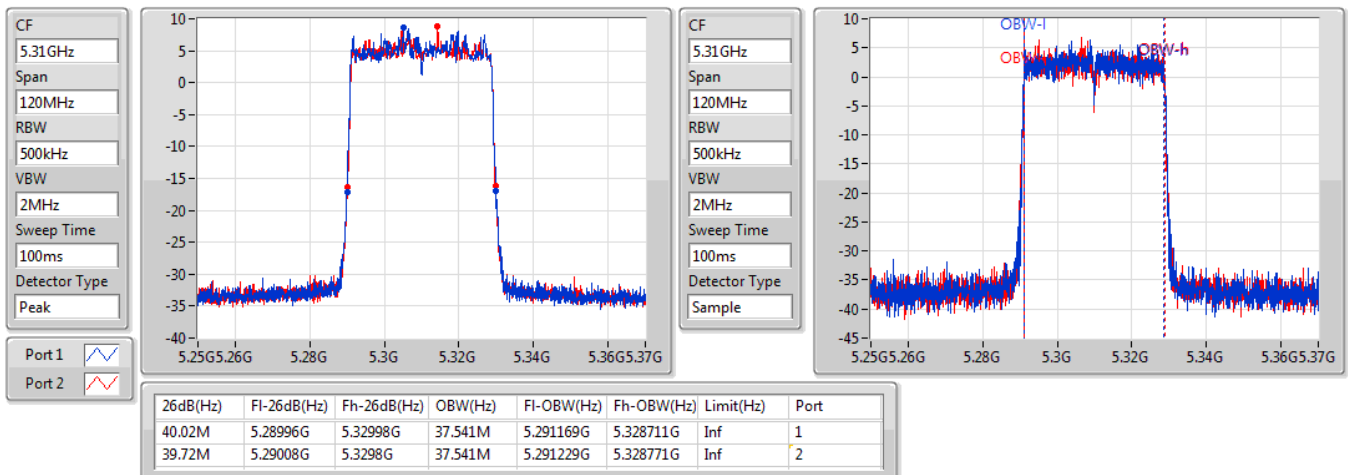


802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
5270MHz

11/11/2019

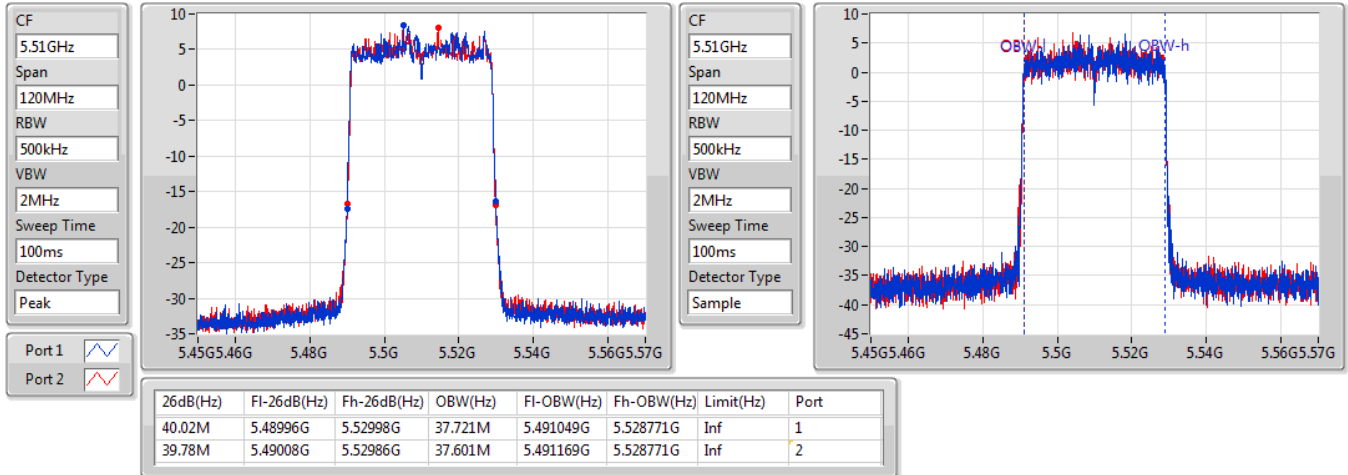

802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
5310MHz

11/11/2019

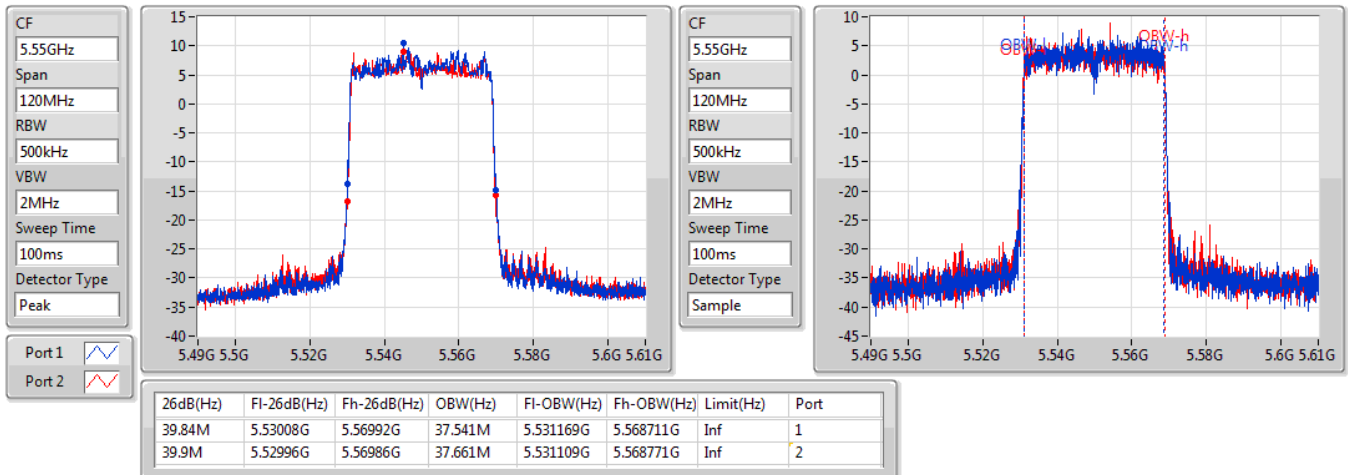


802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
5510MHz

11/11/2019

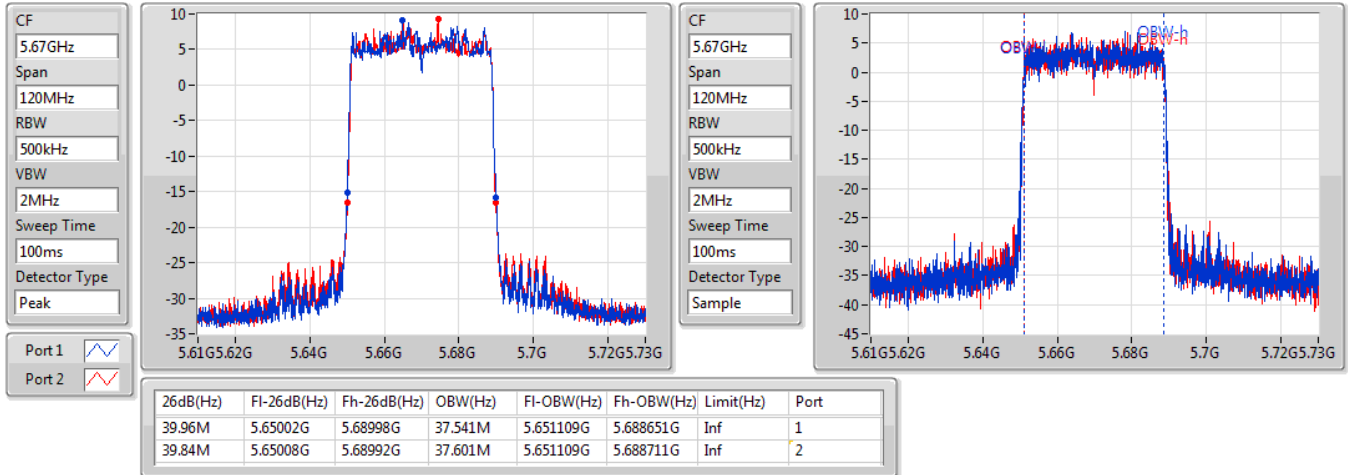

802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
5550MHz

11/11/2019

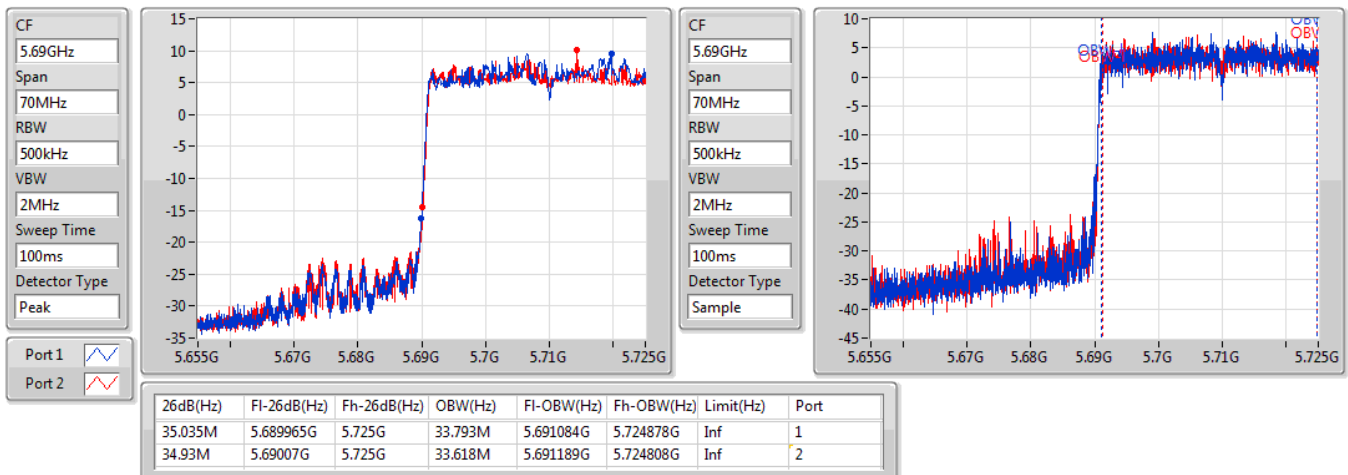


802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
5670MHz

11/11/2019

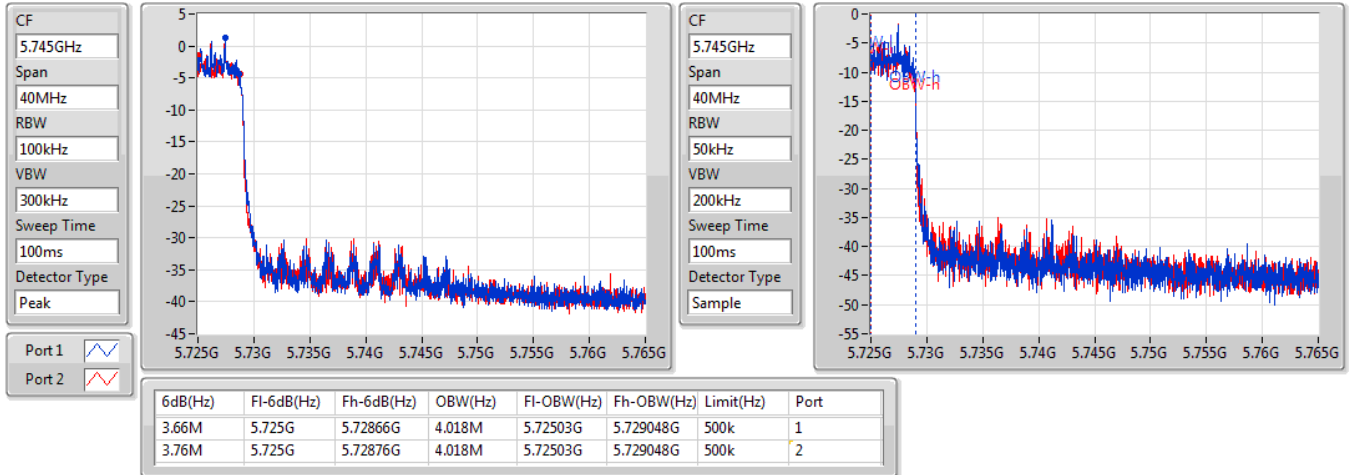

802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
5710MHz Straddle 5.47-5.725GHz

11/11/2019

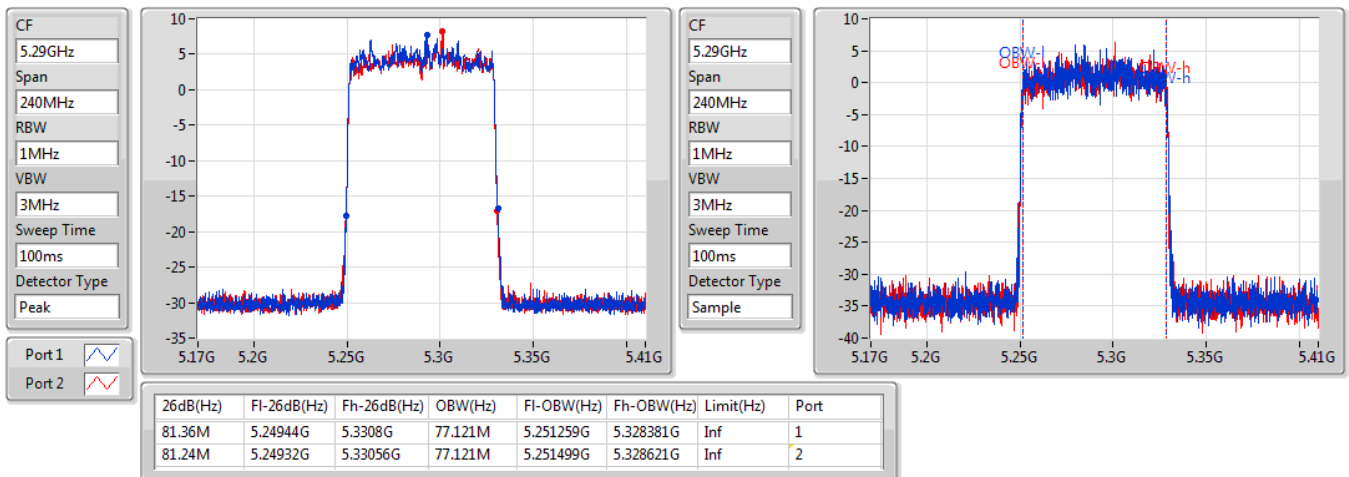


802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

11/11/2019

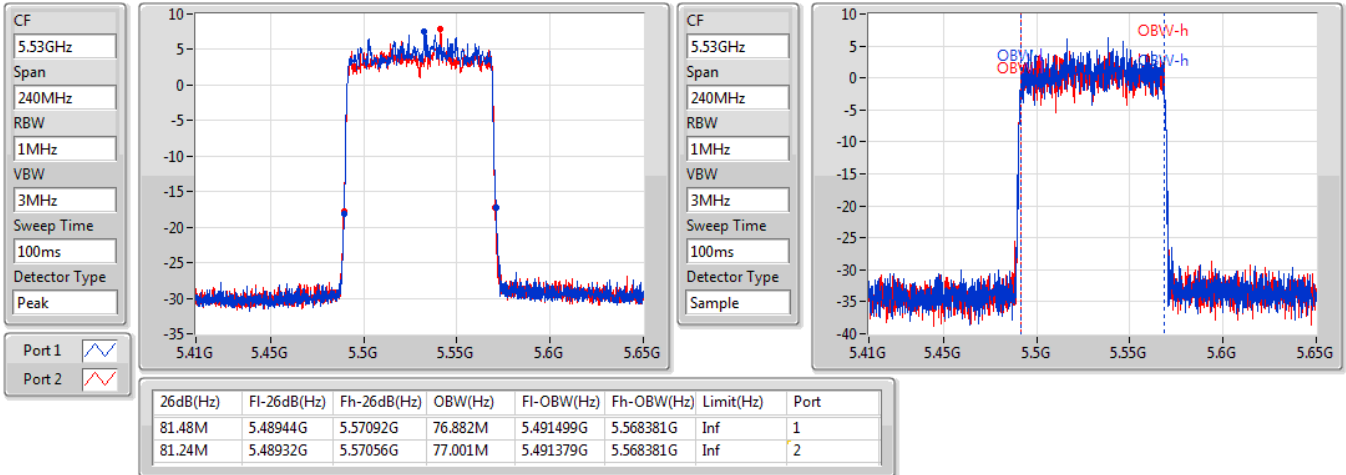

802.11ax HEW80_Nss2,(MCS0)_2TX
EBW
5290MHz

11/11/2019

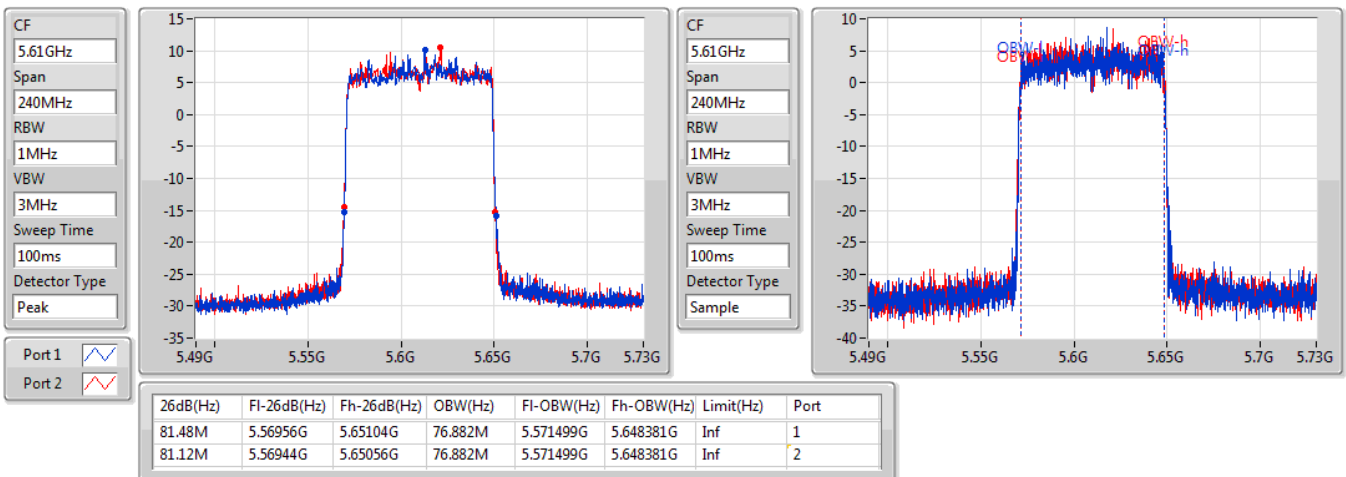


802.11ax HEW80_Nss2,(MCS0)_2TX
EBW
5530MHz

11/11/2019

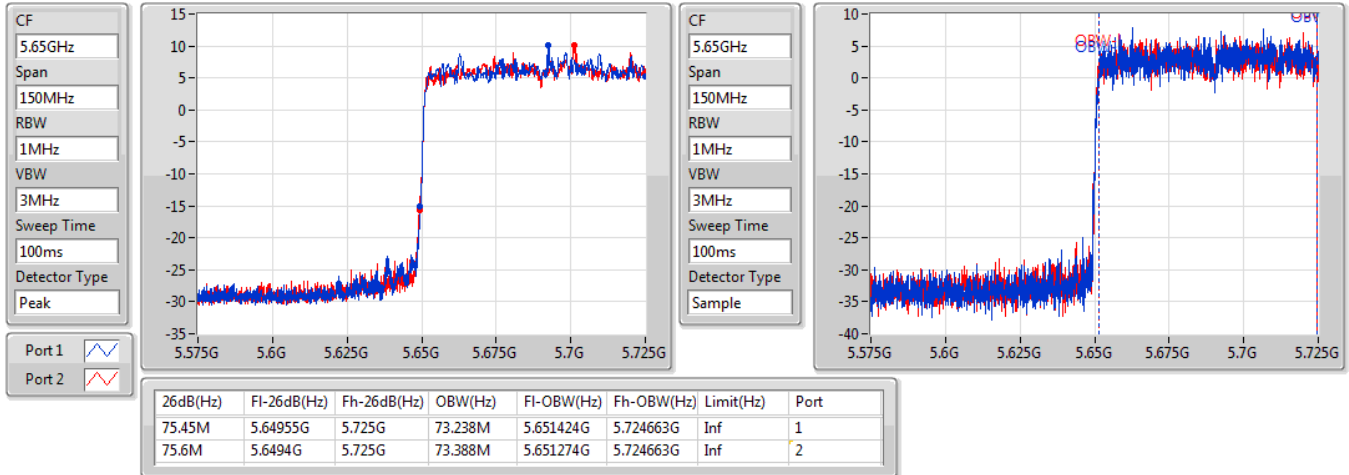

802.11ax HEW80_Nss2,(MCS0)_2TX
EBW
5610MHz

11/11/2019

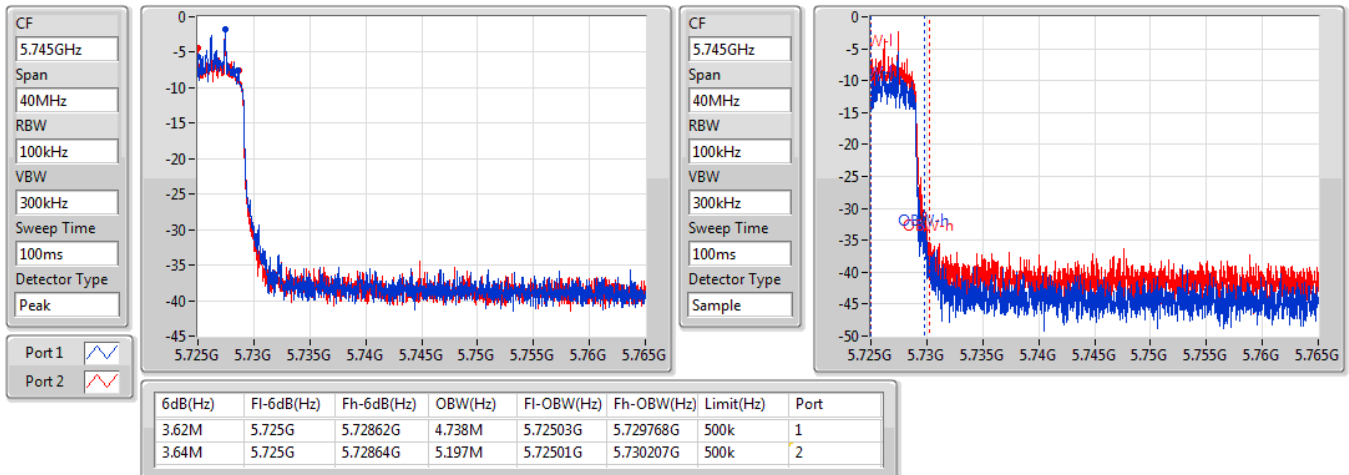


802.11ax HEW80_Nss2,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

11/11/2019


802.11ax HEW80_Nss2,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

11/11/2019



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.775M	17.766M	17M8D1D	21.525M	17.666M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	40.25M	36.282M	36M3D1D	39.75M	36.182M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	81.9M	75.662M	75M7D1D	81.5M	75.662M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.725M	18.966M	19M0D1D	21.375M	18.916M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	40.15M	37.631M	37M6D1D	39.85M	37.531M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	82.1M	77.261M	77M3D1D	81.8M	77.161M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.85M	17.791M	17M8D1D	15.72M	13.853M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	40.25M	36.332M	36M3D1D	34.895M	32.954M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	82.4M	75.862M	75M9D1D	75.675M	72.414M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.75M	18.991M	19M0D1D	15.645M	14.453M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	40.15M	37.581M	37M6D1D	34.895M	33.618M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	82.2M	77.161M	77M2D1D	75.825M	73.163M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	3.76M	4.298M	4M30D1D	3.76M	4.278M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	3.14M	3.578M	3M58D1D	3.14M	3.558M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	3.14M	3.678M	3M68D1D	3.14M	3.618M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	4.48M	4.538M	4M54D1D	4.46M	4.538M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	3.84M	4.038M	4M04D1D	3.72M	4.038M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	3.8M	4.078M	4M08D1D	3.72M	4.058M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Min-OBW = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.725M	17.741M	21.55M	17.766M
5300MHz	Pass	Inf	21.775M	17.766M	21.6M	17.766M
5320MHz	Pass	Inf	21.75M	17.766M	21.525M	17.666M
5500MHz	Pass	Inf	21.575M	17.766M	21.575M	17.741M
5580MHz	Pass	Inf	21.85M	17.741M	21.55M	17.716M
5700MHz	Pass	Inf	21.725M	17.741M	21.55M	17.791M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.765M	13.853M	15.72M	13.898M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.76M	4.278M	3.76M	4.298M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40.25M	36.232M	39.75M	36.282M
5310MHz	Pass	Inf	40.2M	36.232M	39.8M	36.182M
5510MHz	Pass	Inf	40.15M	36.182M	39.75M	36.282M
5550MHz	Pass	Inf	40.1M	36.282M	39.9M	36.282M
5670MHz	Pass	Inf	40.25M	36.332M	39.8M	36.332M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.035M	32.954M	34.895M	32.989M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	3.558M	3.14M	3.578M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	81.9M	75.662M	81.5M	75.662M
5530MHz	Pass	Inf	82.4M	75.762M	81.4M	75.862M
5610MHz	Pass	Inf	82.2M	75.762M	81.2M	75.762M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.9M	72.489M	75.675M	72.414M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	3.678M	3.14M	3.618M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.7M	18.966M	21.6M	18.966M
5300MHz	Pass	Inf	21.7M	18.941M	21.375M	18.966M
5320MHz	Pass	Inf	21.725M	18.966M	21.525M	18.916M
5500MHz	Pass	Inf	21.75M	18.966M	21.575M	18.941M
5580MHz	Pass	Inf	21.675M	18.991M	21.675M	18.966M
5700MHz	Pass	Inf	21.625M	18.991M	21.625M	18.991M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.765M	14.453M	15.645M	14.483M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.48M	4.538M	4.46M	4.538M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40.15M	37.531M	39.95M	37.631M
5310MHz	Pass	Inf	39.95M	37.531M	39.85M	37.531M
5510MHz	Pass	Inf	40.1M	37.581M	39.85M	37.531M
5550MHz	Pass	Inf	40.05M	37.531M	39.85M	37.531M
5670MHz	Pass	Inf	40.15M	37.531M	39.85M	37.531M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.035M	33.688M	34.895M	33.618M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.72M	4.038M	3.84M	4.038M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	82.1M	77.161M	81.8M	77.261M
5530MHz	Pass	Inf	82.1M	76.862M	81.7M	77.161M
5610MHz	Pass	Inf	82.2M	77.061M	81.9M	77.161M



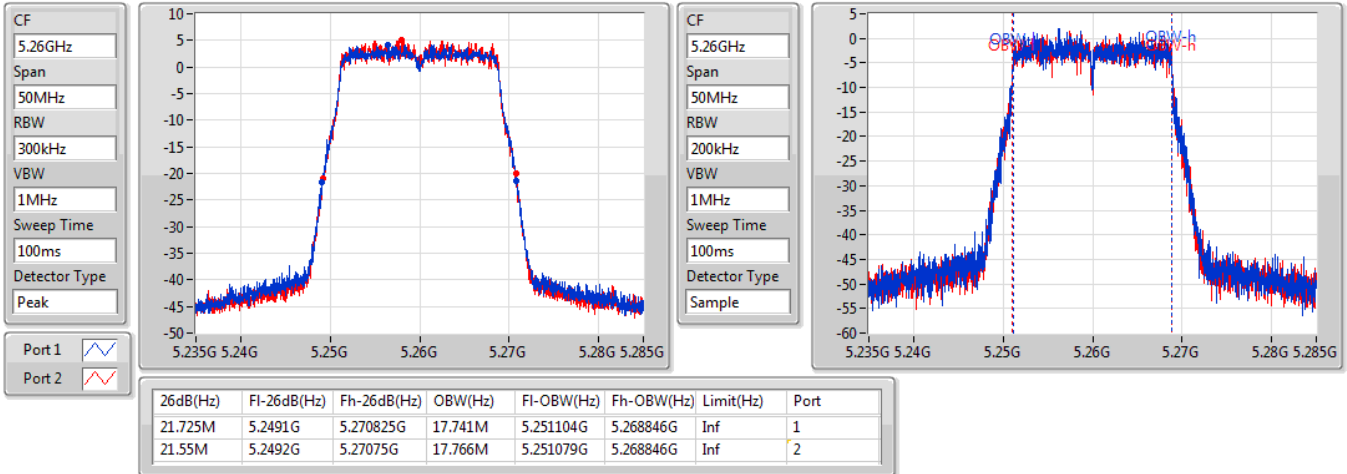
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.975M	73.163M	75.825M	73.388M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.8M	4.078M	3.72M	4.058M

Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

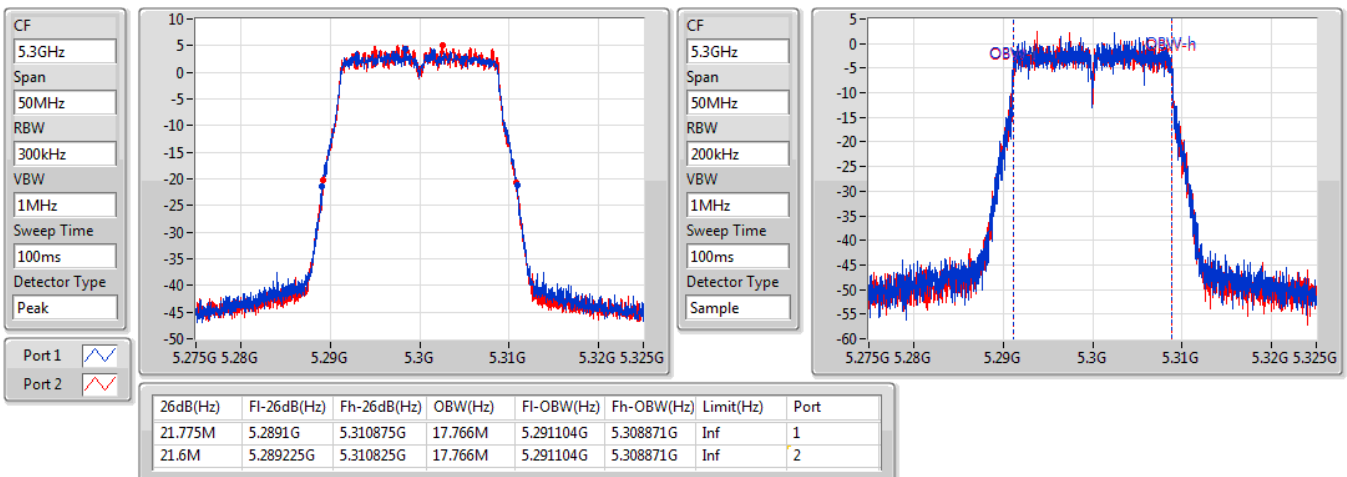
Port X-OBW = Port X 99% occupied bandwidth;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5260MHz

12/11/2019

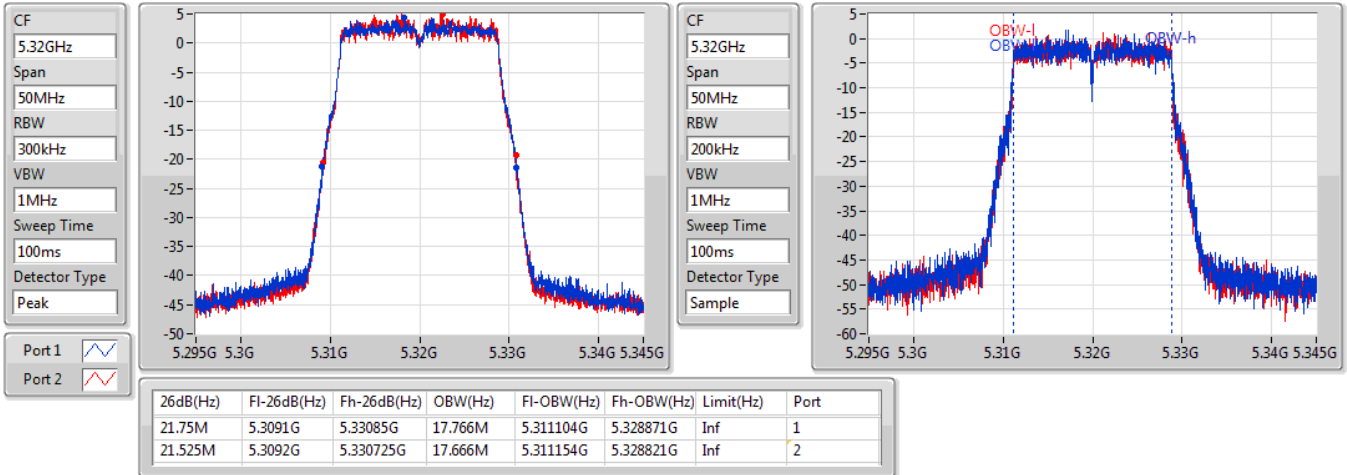

802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5300MHz

12/11/2019

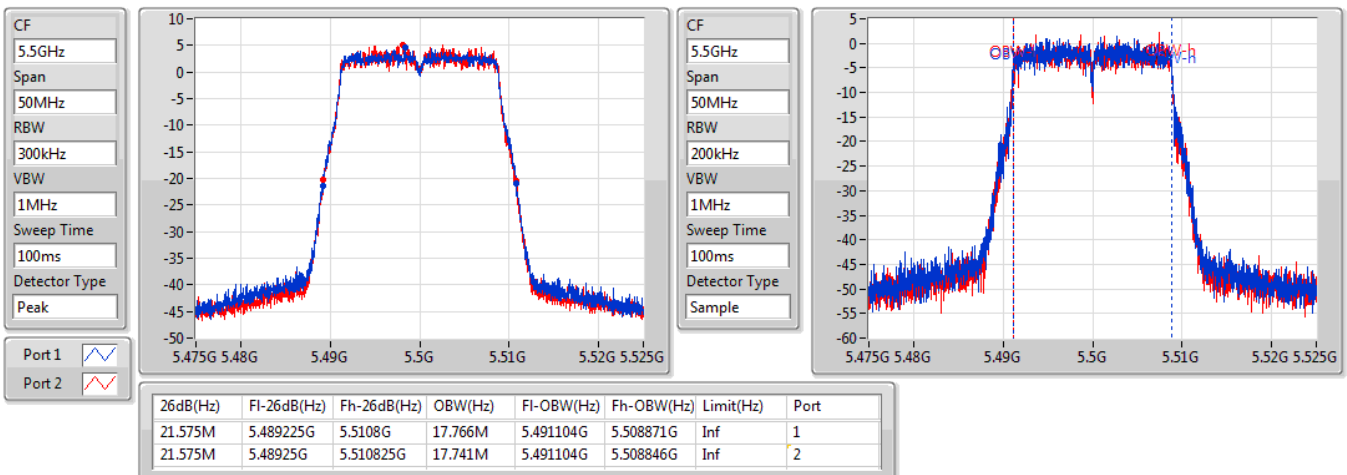


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5320MHz

12/11/2019

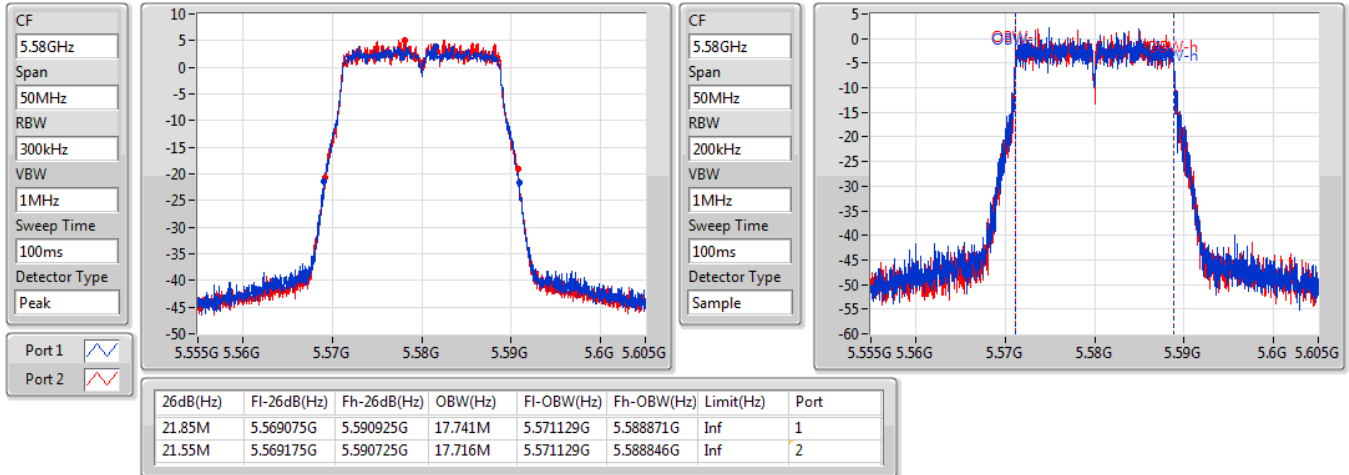

802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5500MHz

12/11/2019

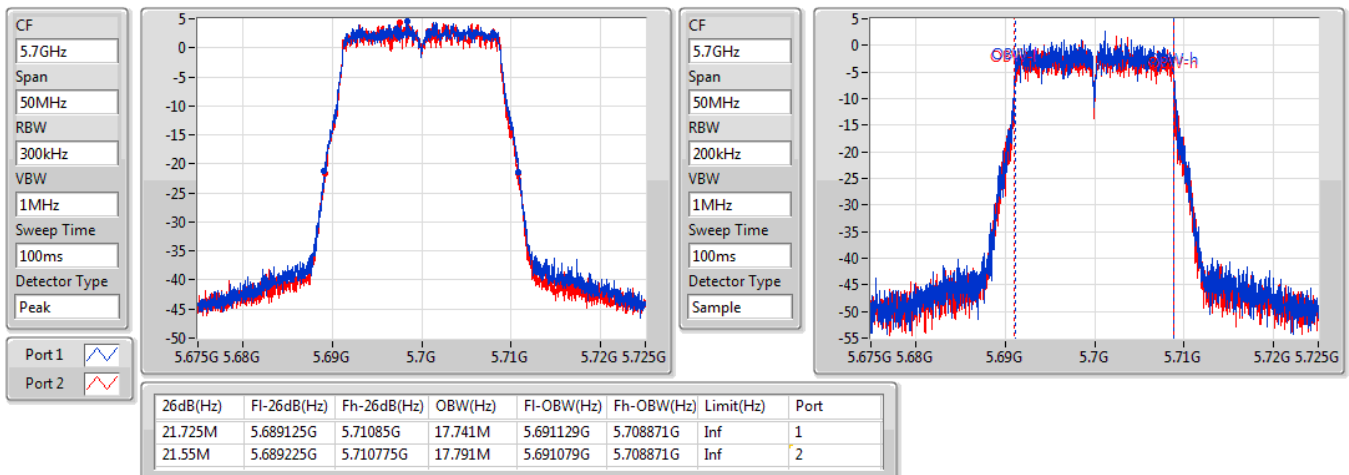


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5580MHz

12/11/2019

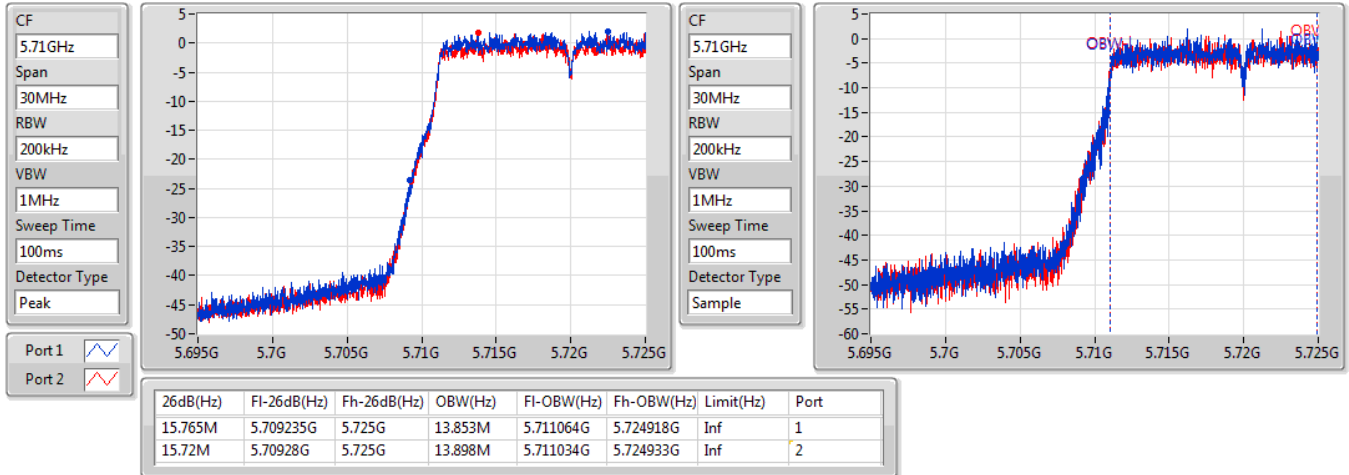

802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5700MHz

12/11/2019

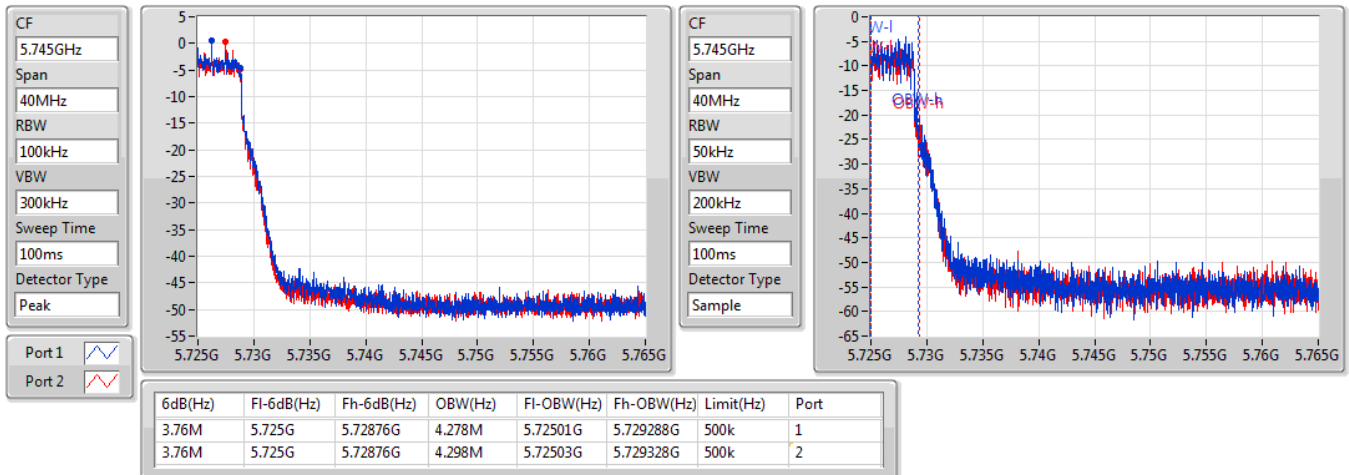


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

12/11/2019

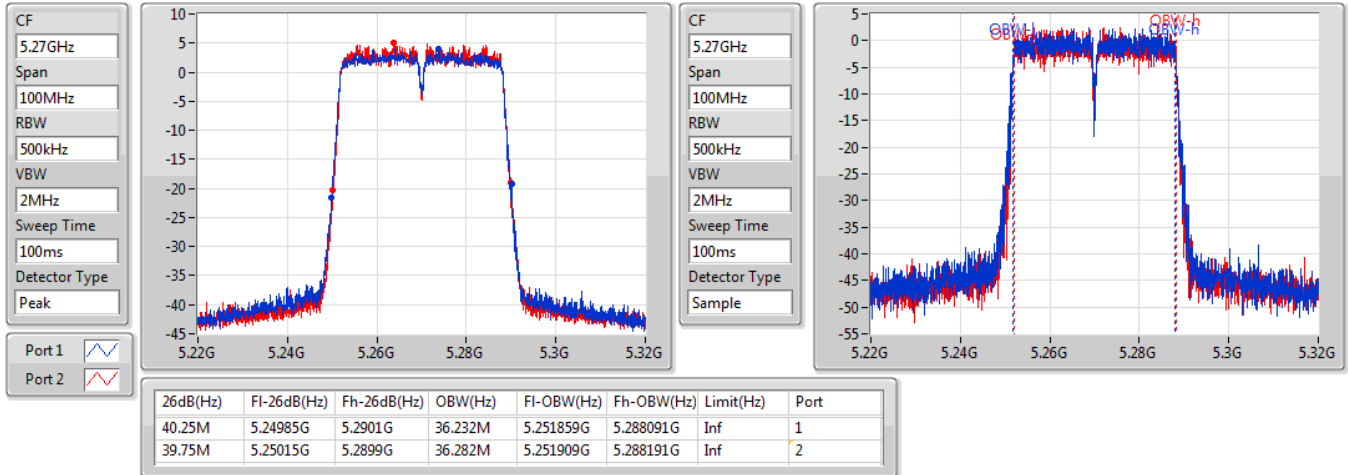

802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

12/11/2019

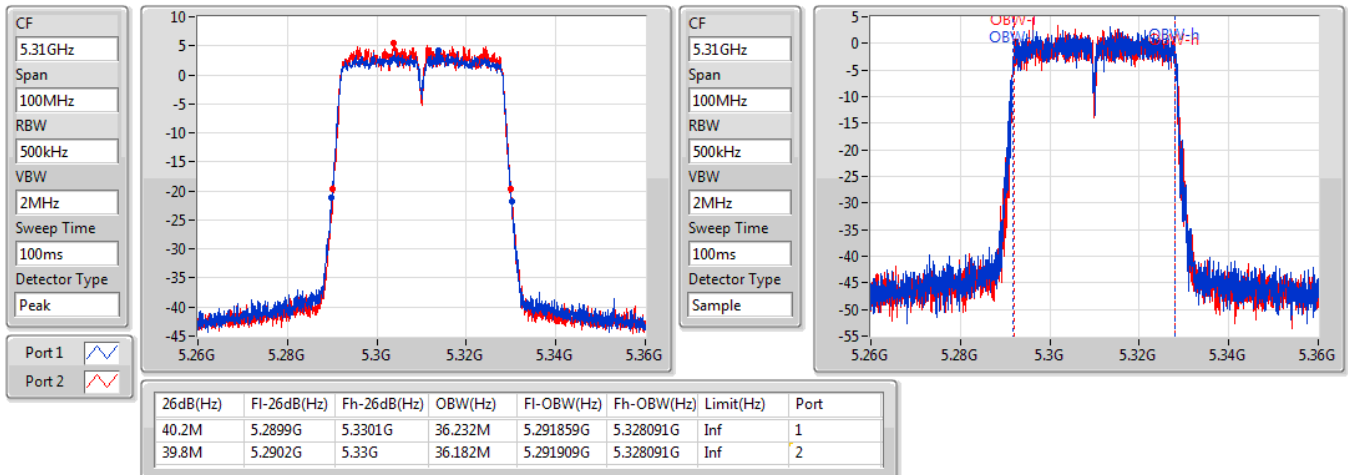


802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5270MHz

12/11/2019

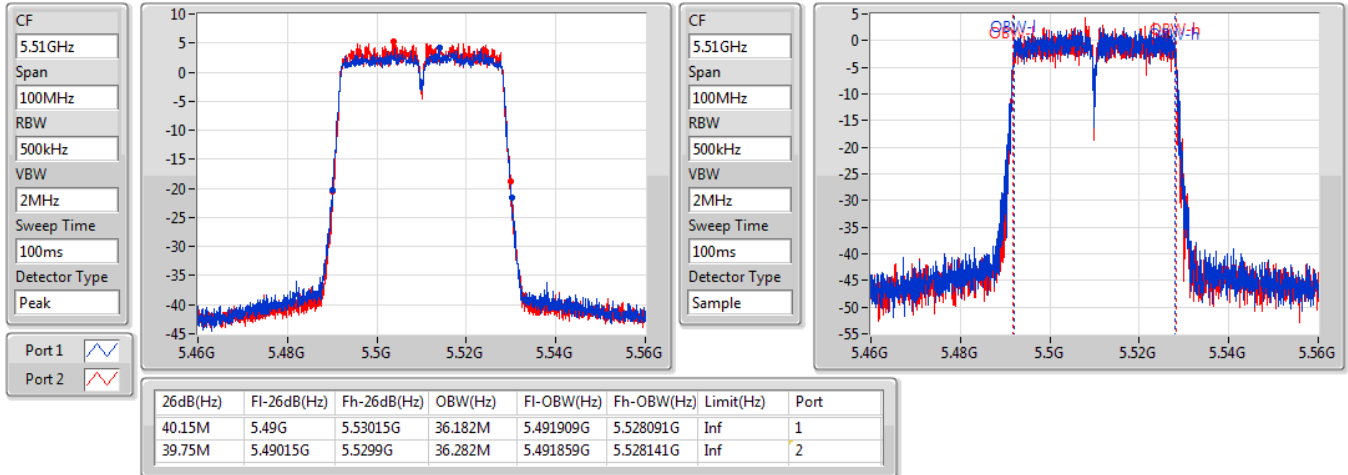

802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5310MHz

12/11/2019

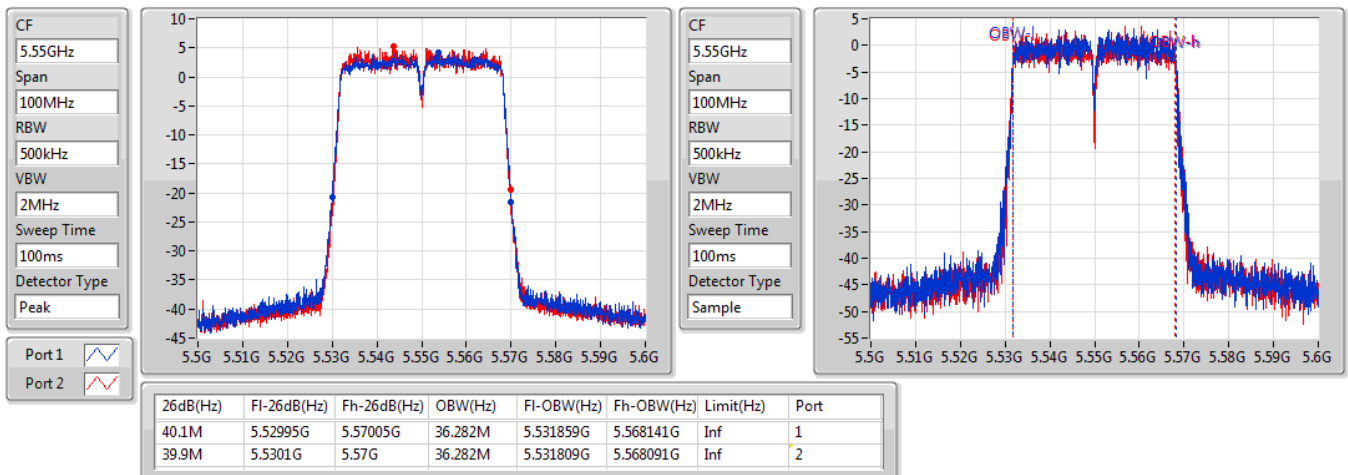


802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5510MHz

12/11/2019

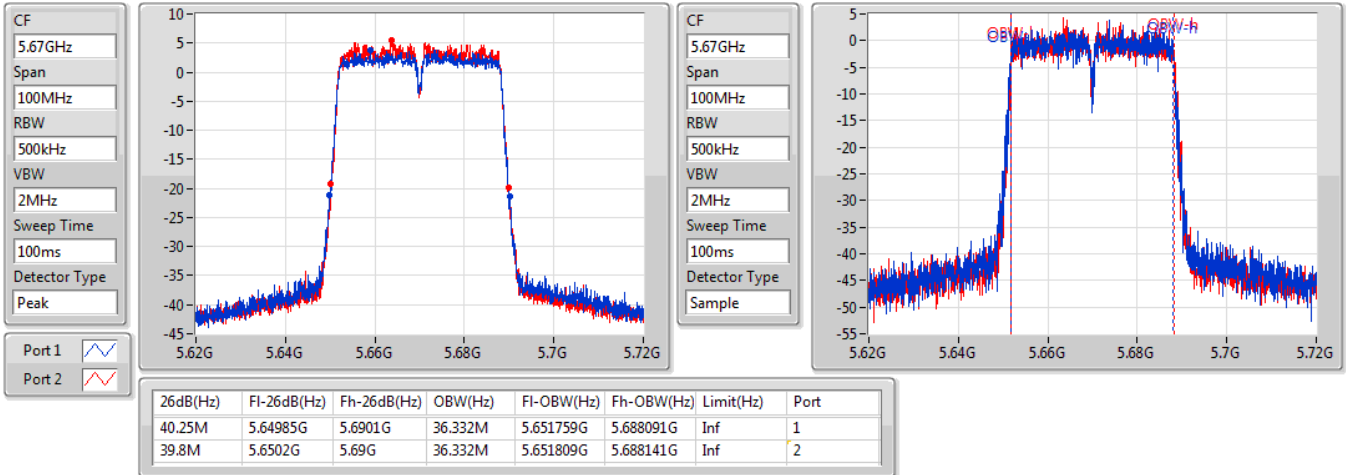

802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5550MHz

12/11/2019

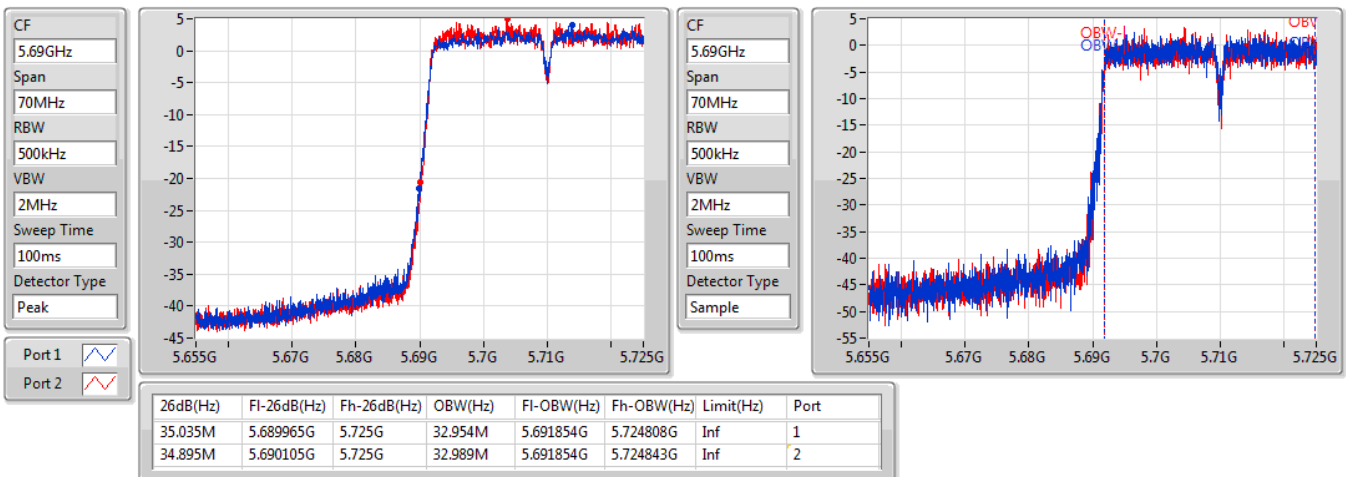


802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5670MHz

12/11/2019

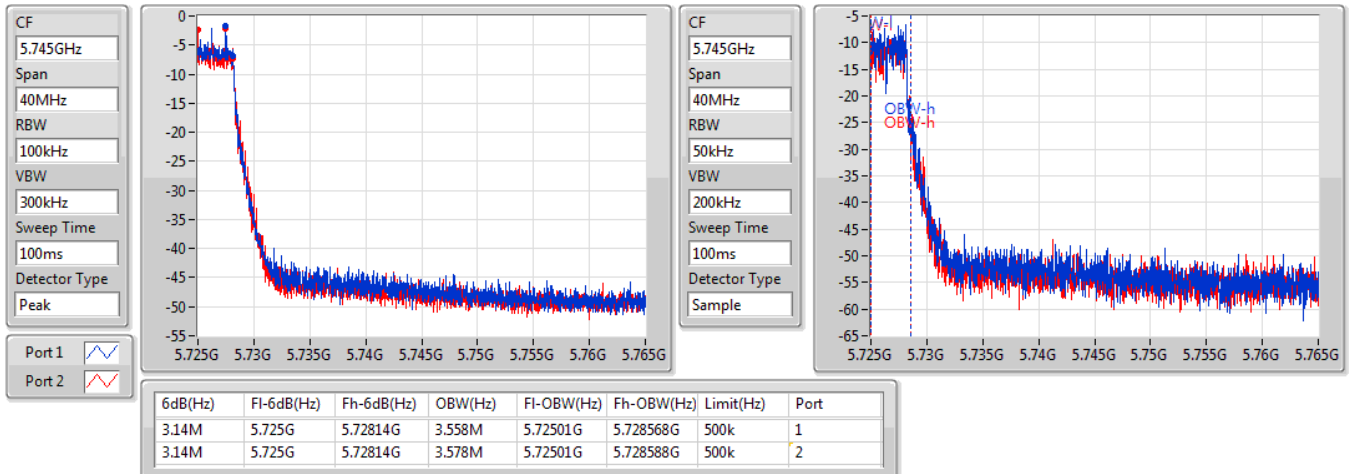

802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.47-5.725GHz

12/11/2019

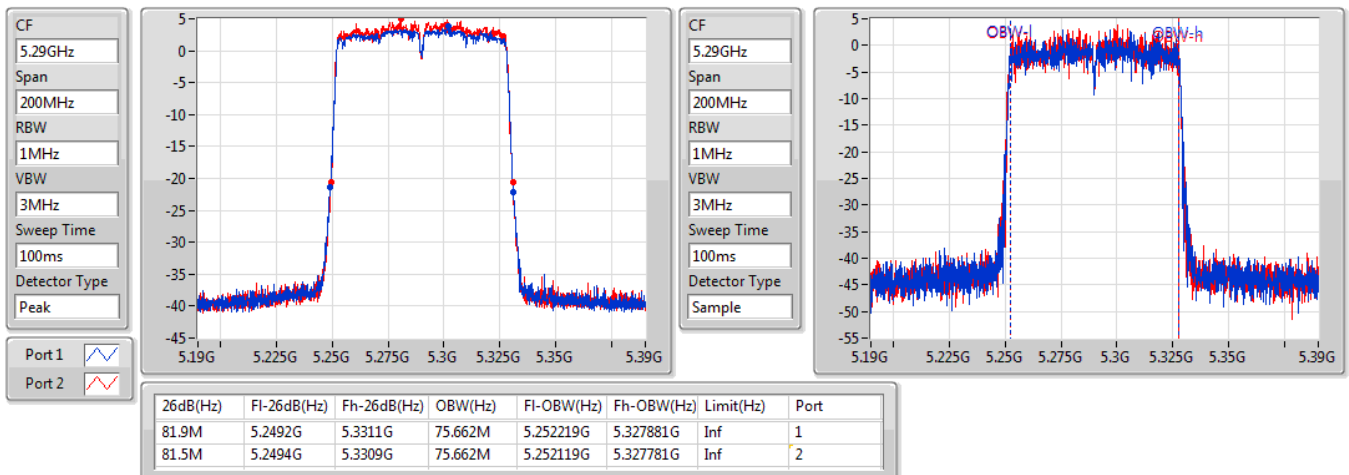


802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

12/11/2019

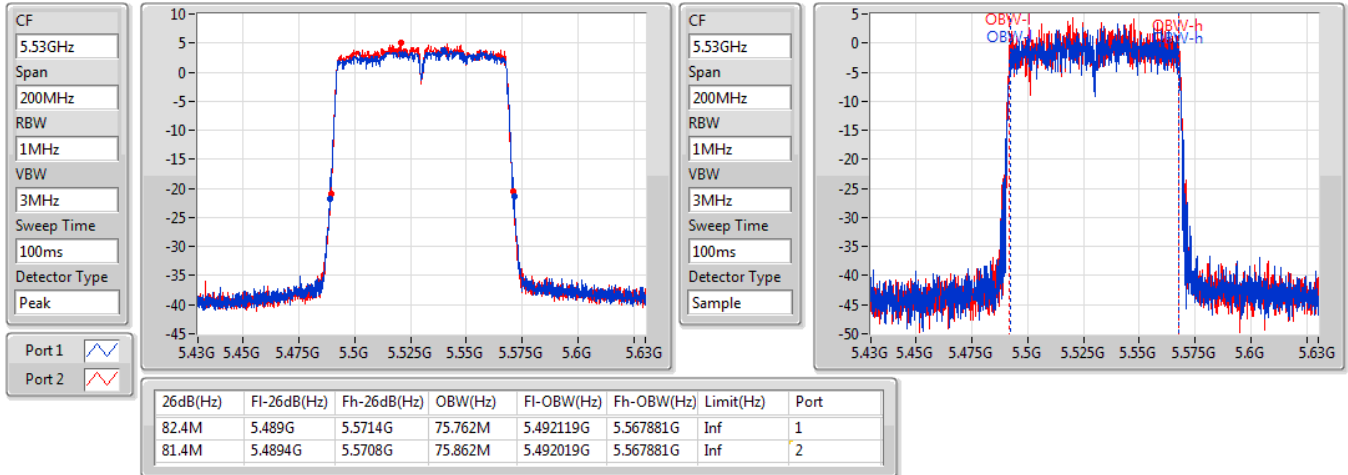

802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5290MHz

12/11/2019

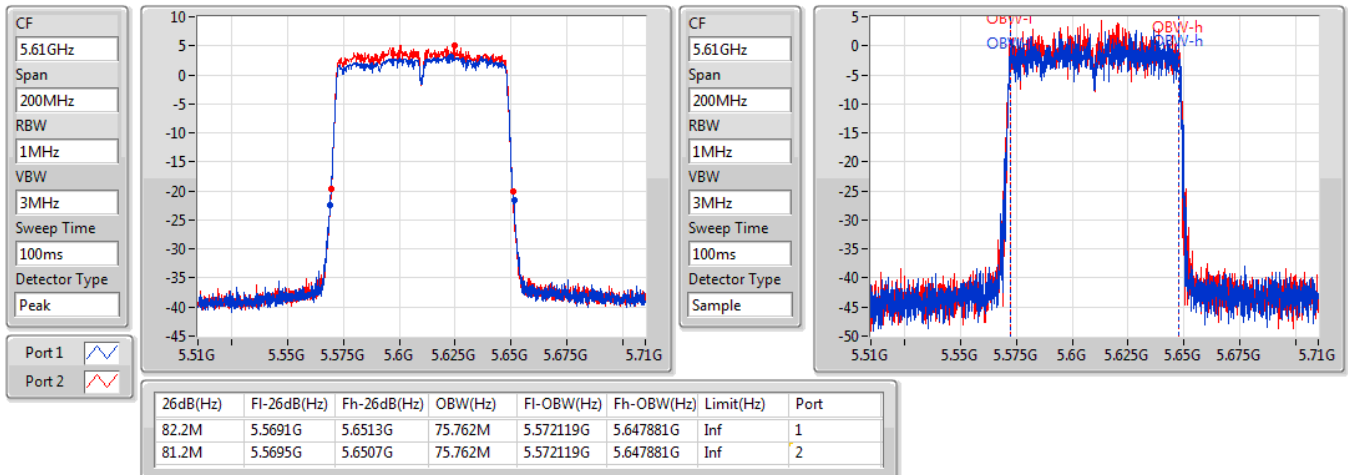


802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5530MHz

12/11/2019

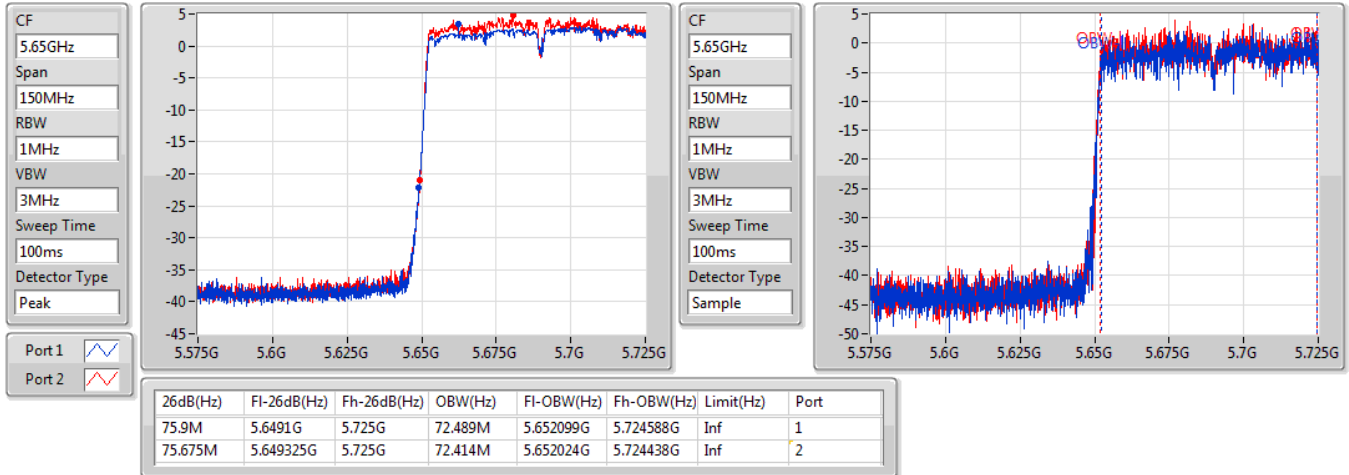

802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5610MHz

12/11/2019

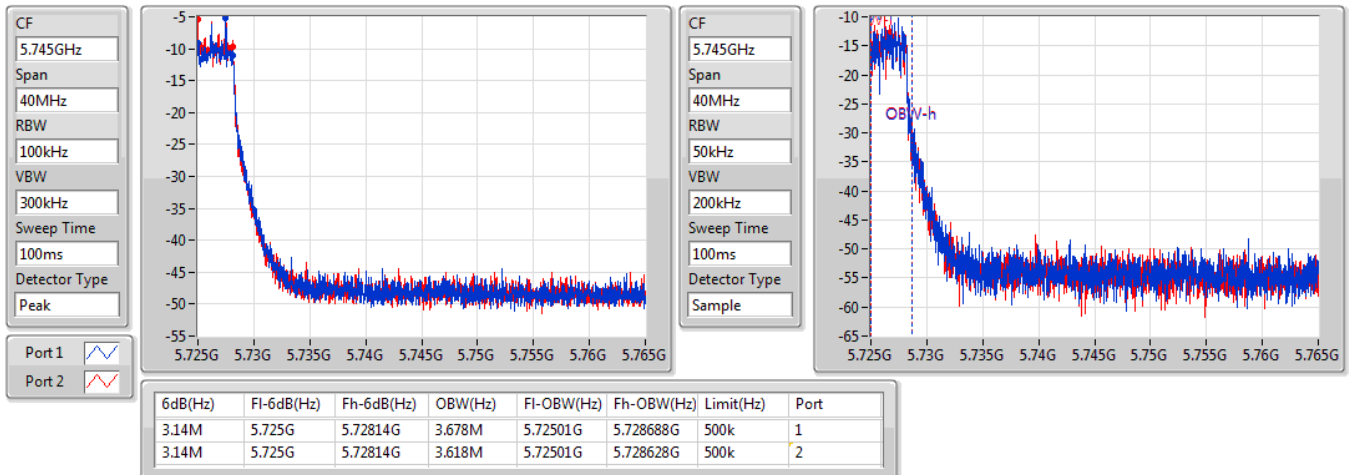


802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

12/11/2019

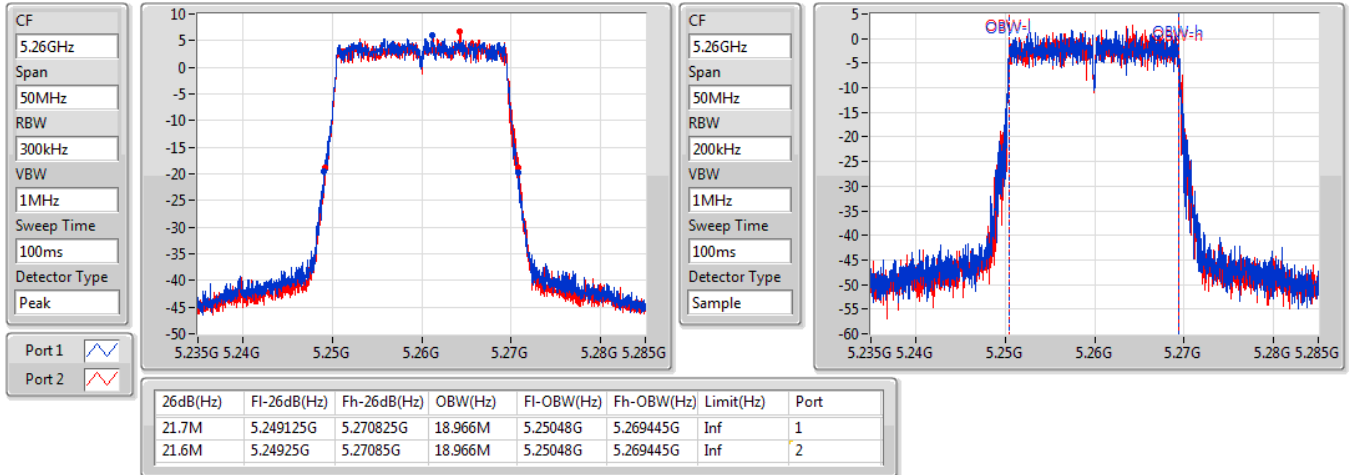

802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

12/11/2019

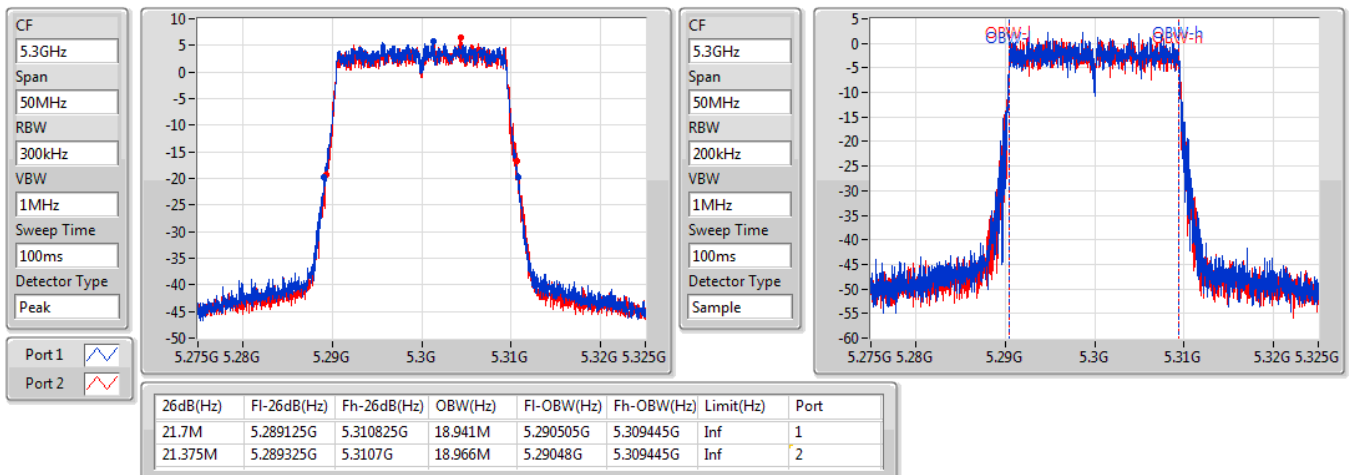


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5260MHz

12/11/2019

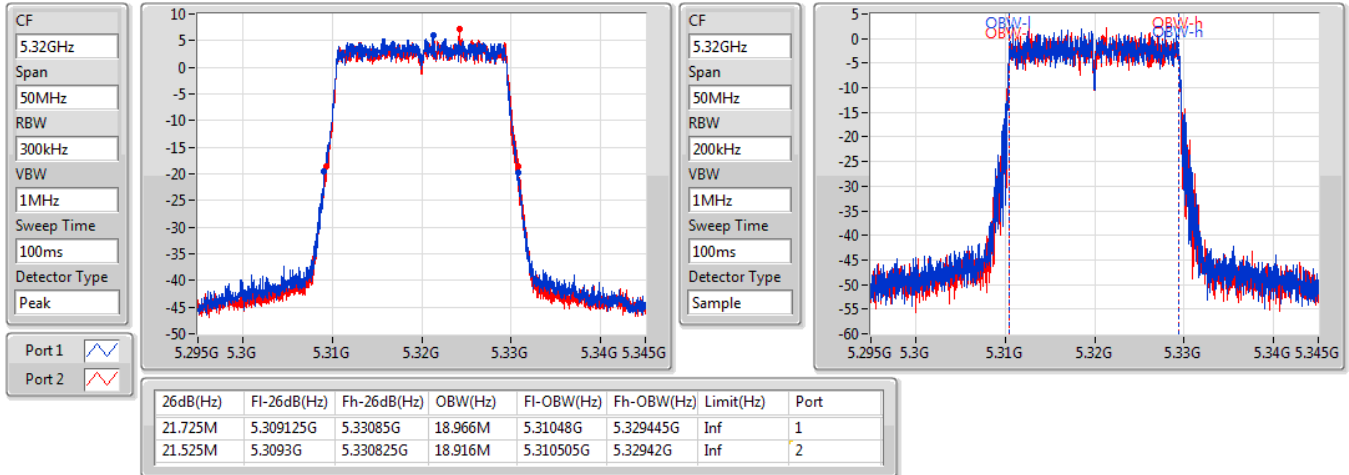

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5300MHz

12/11/2019

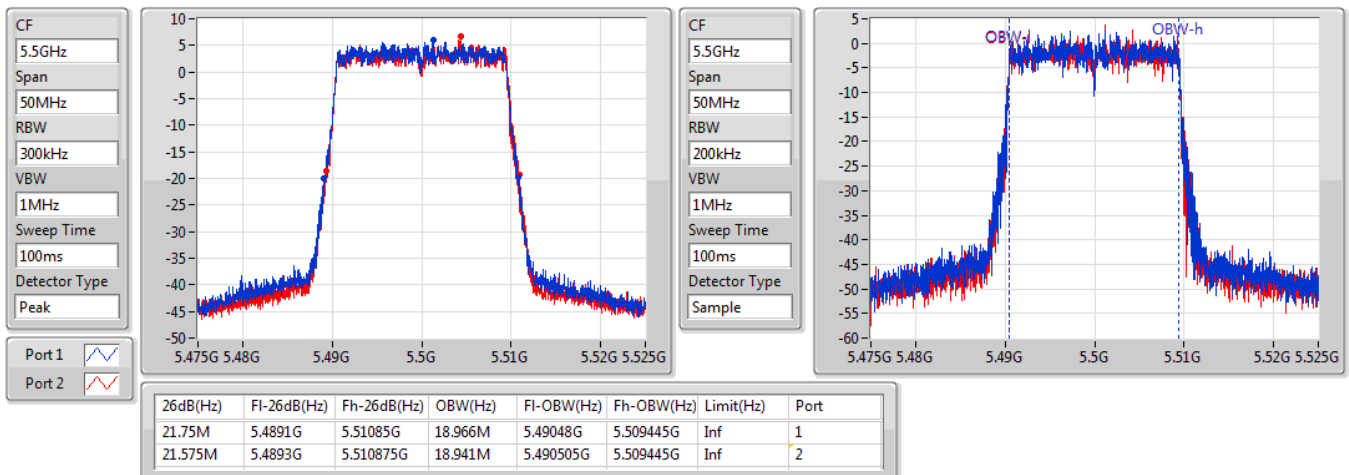


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5320MHz

12/11/2019

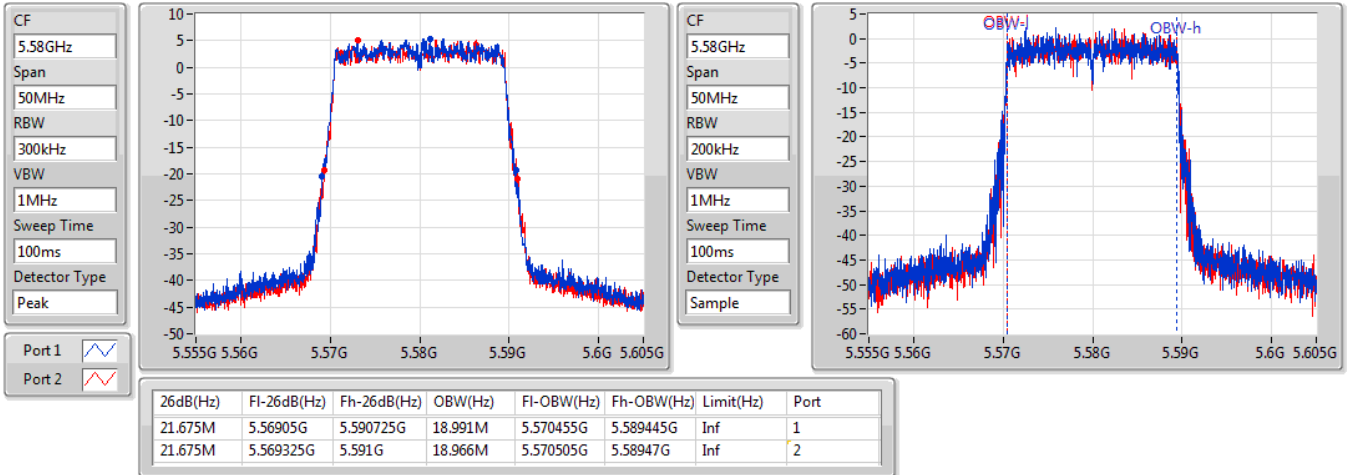

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5500MHz

12/11/2019

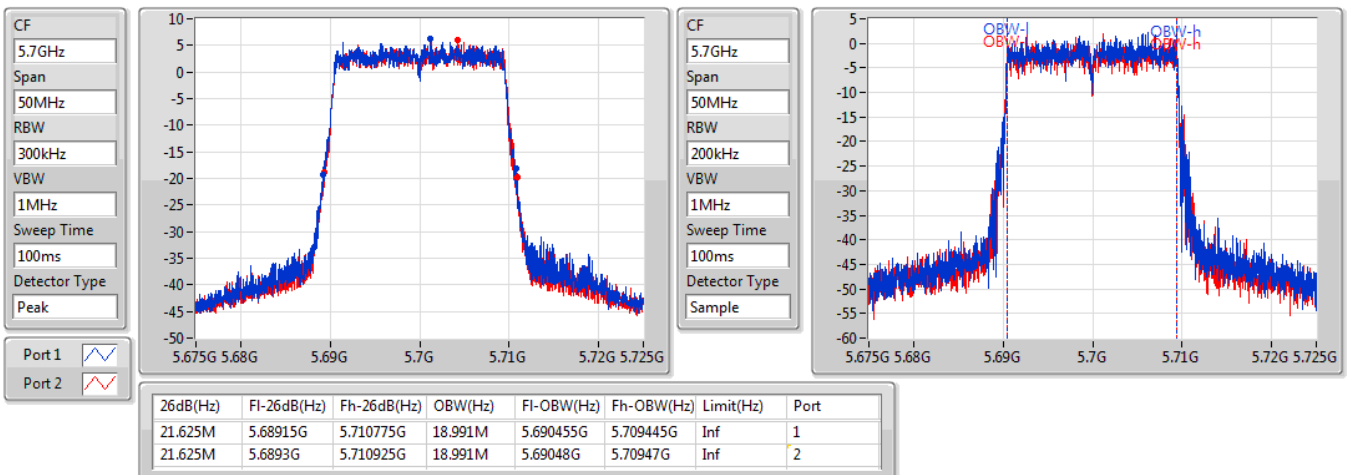


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5580MHz

12/11/2019

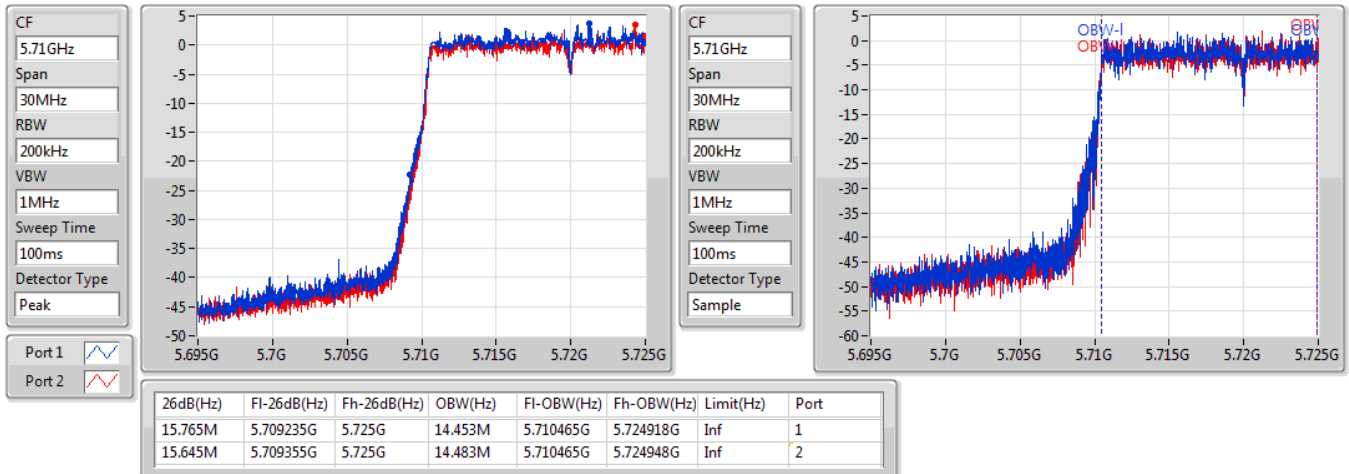

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5700MHz

12/11/2019

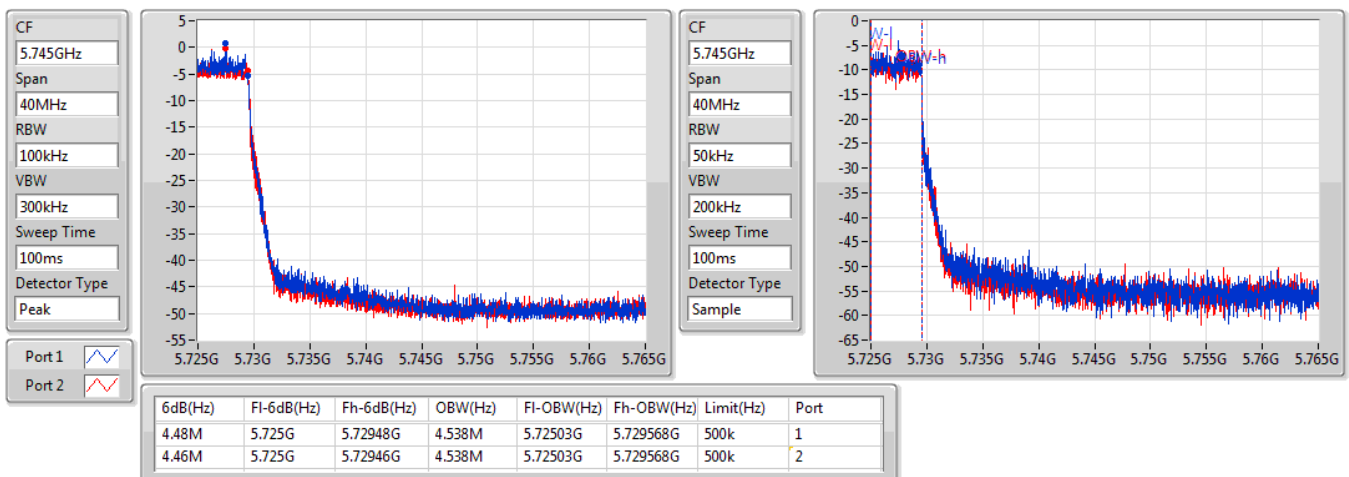


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

12/11/2019

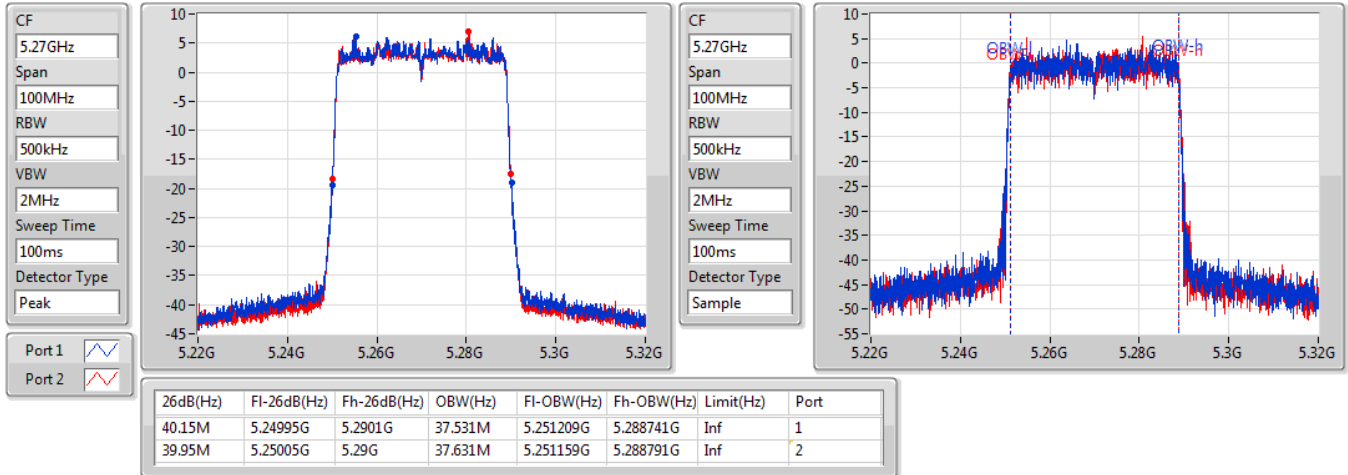

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

12/11/2019

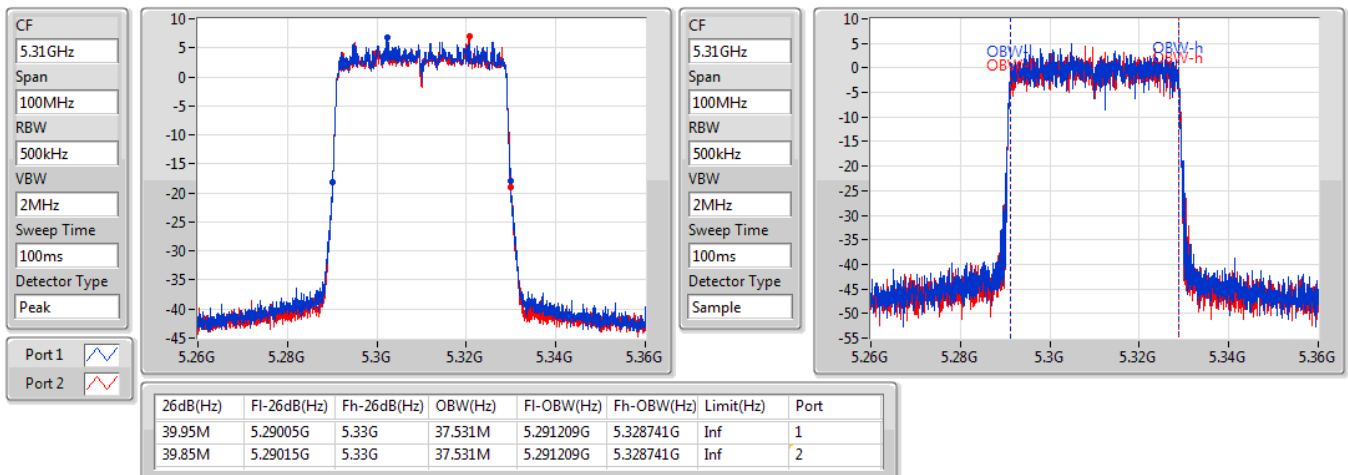


802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5270MHz

12/11/2019

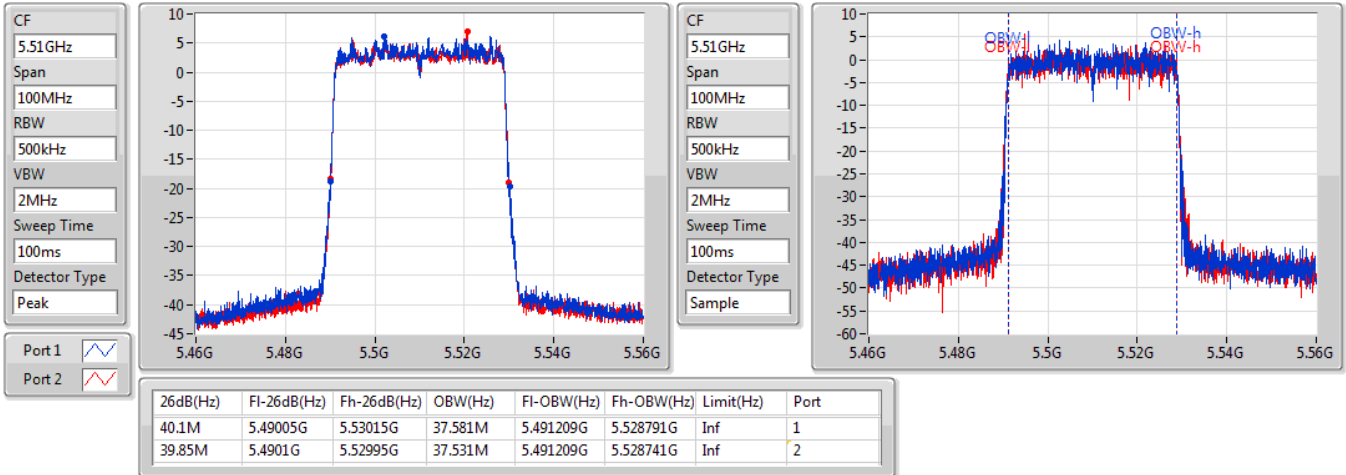

802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5310MHz

12/11/2019

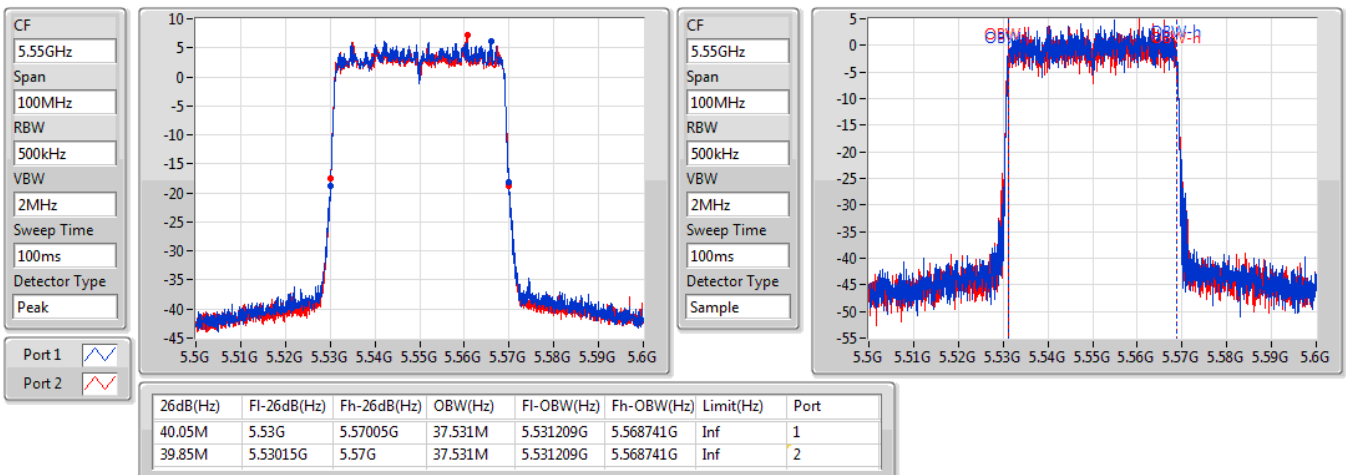


802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5510MHz

12/11/2019

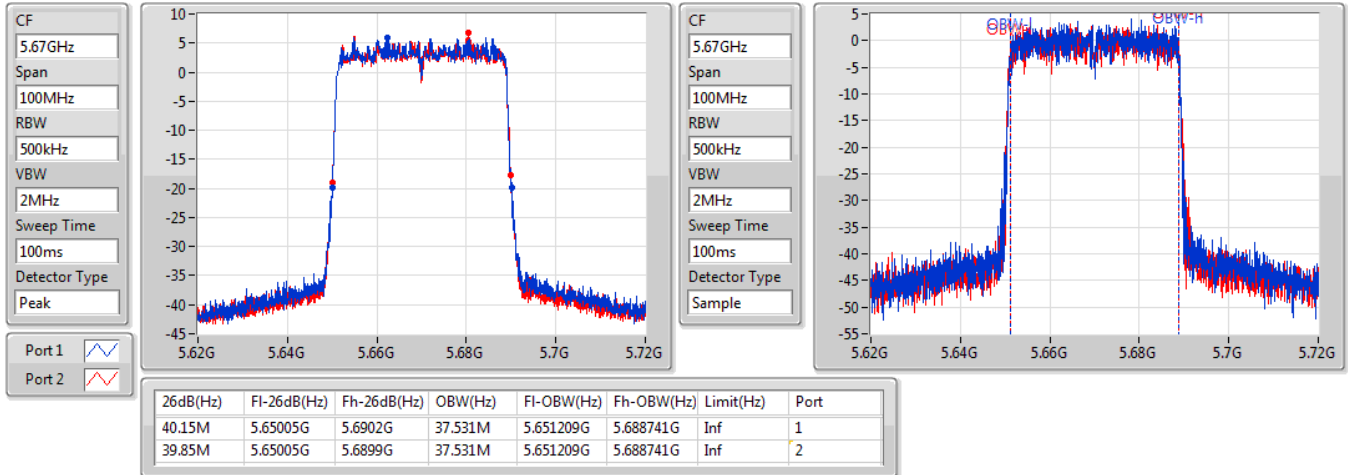

802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5550MHz

12/11/2019

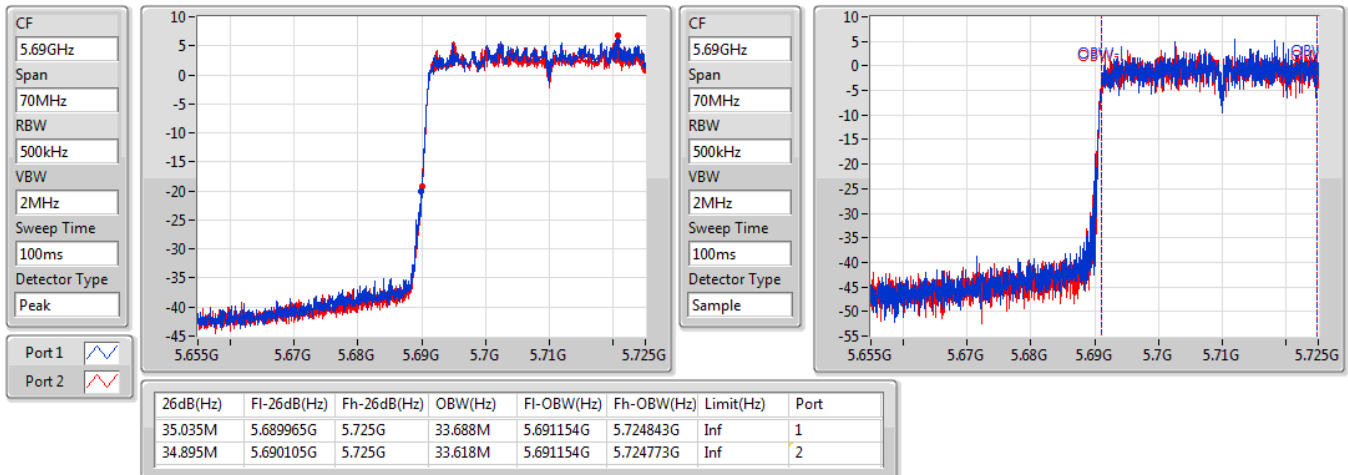


802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5670MHz

12/11/2019

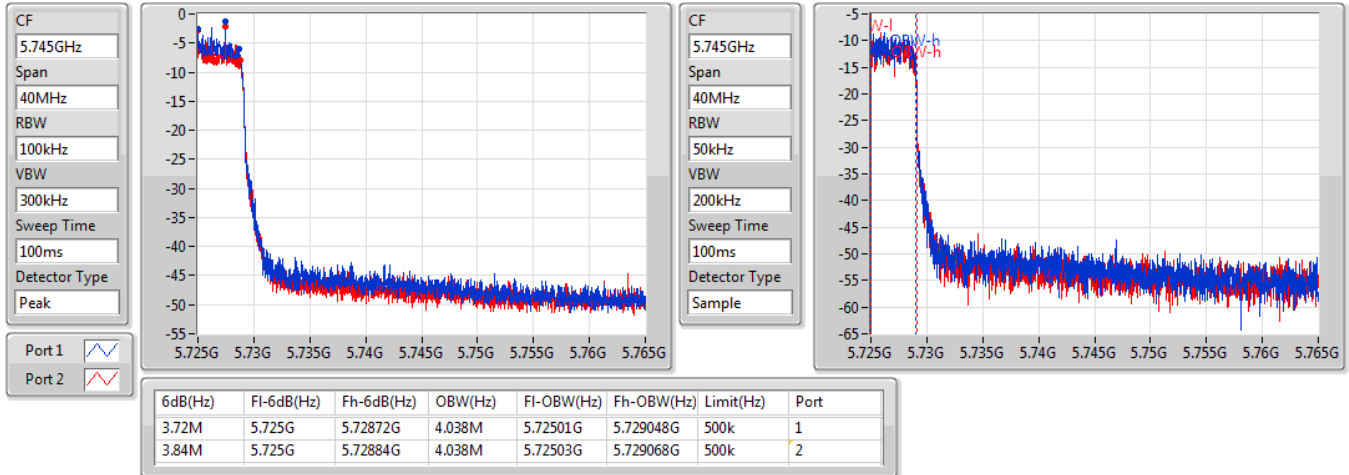

802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.47-5.725GHz

12/11/2019

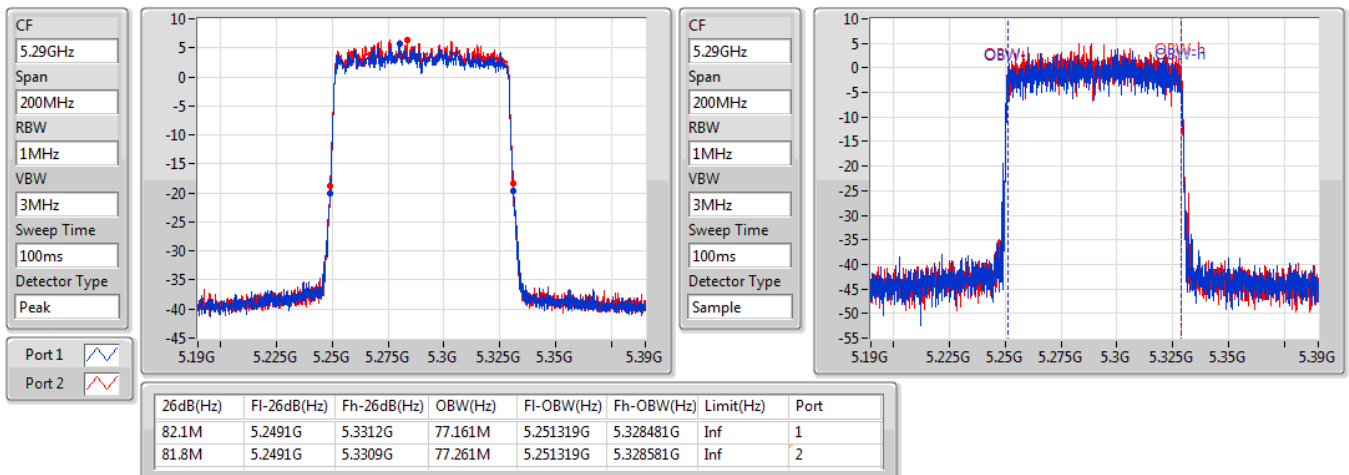


802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

12/11/2019

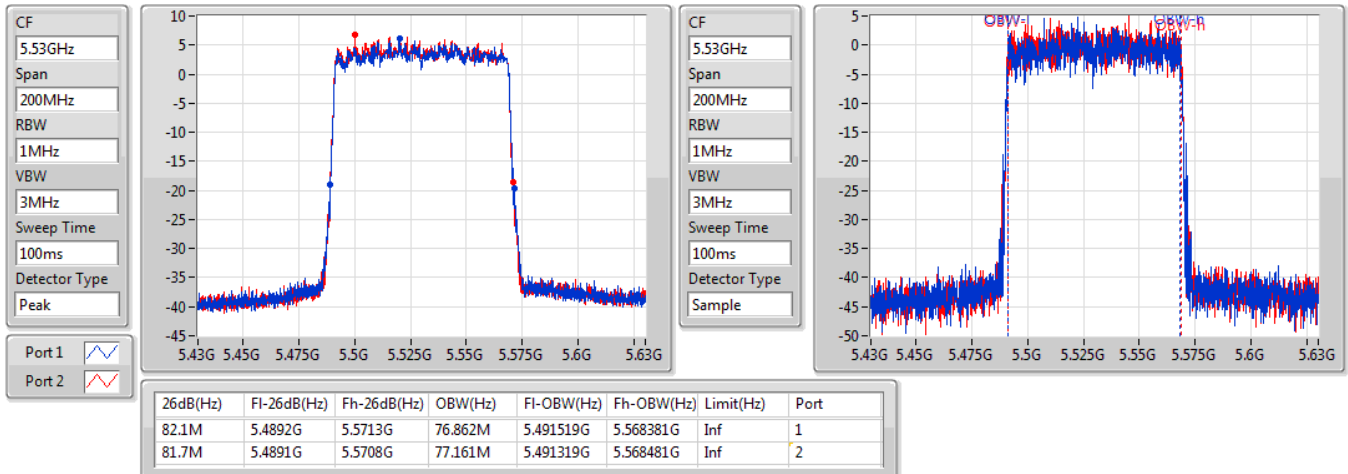

802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5290MHz

12/11/2019

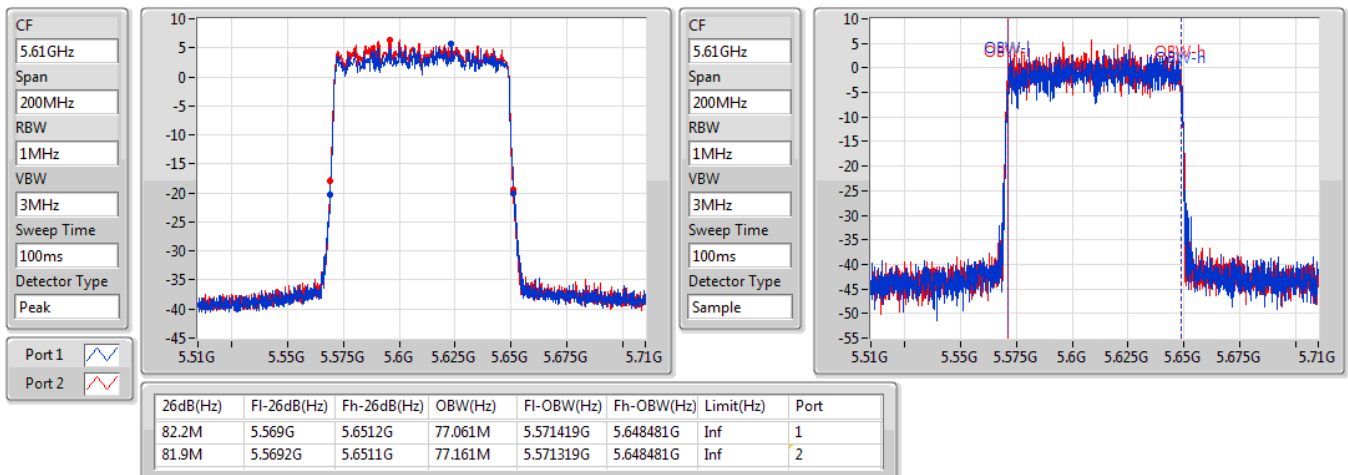


802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5530MHz

12/11/2019

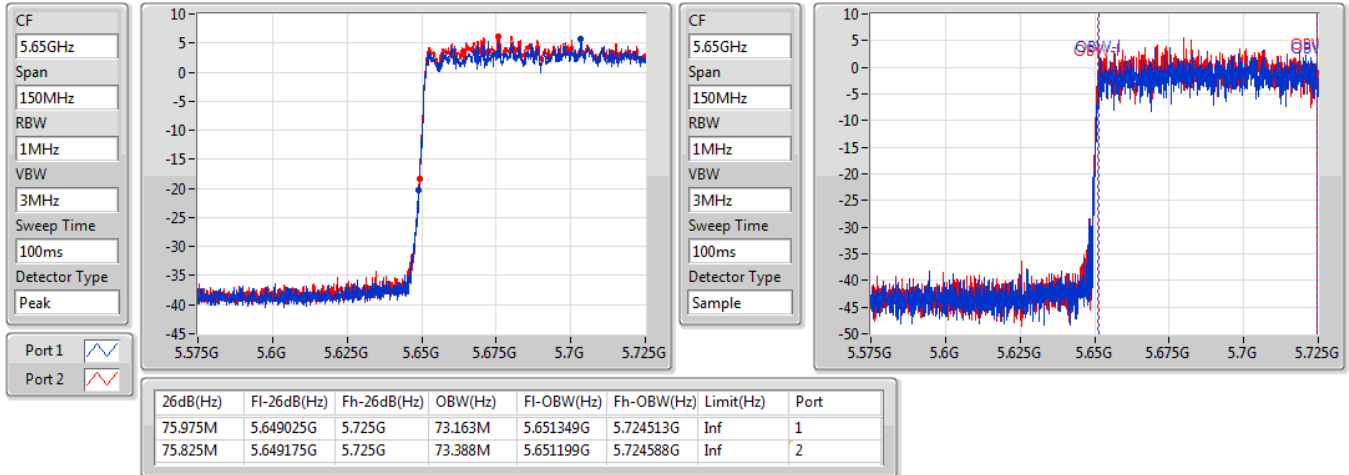

802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5610MHz

12/11/2019

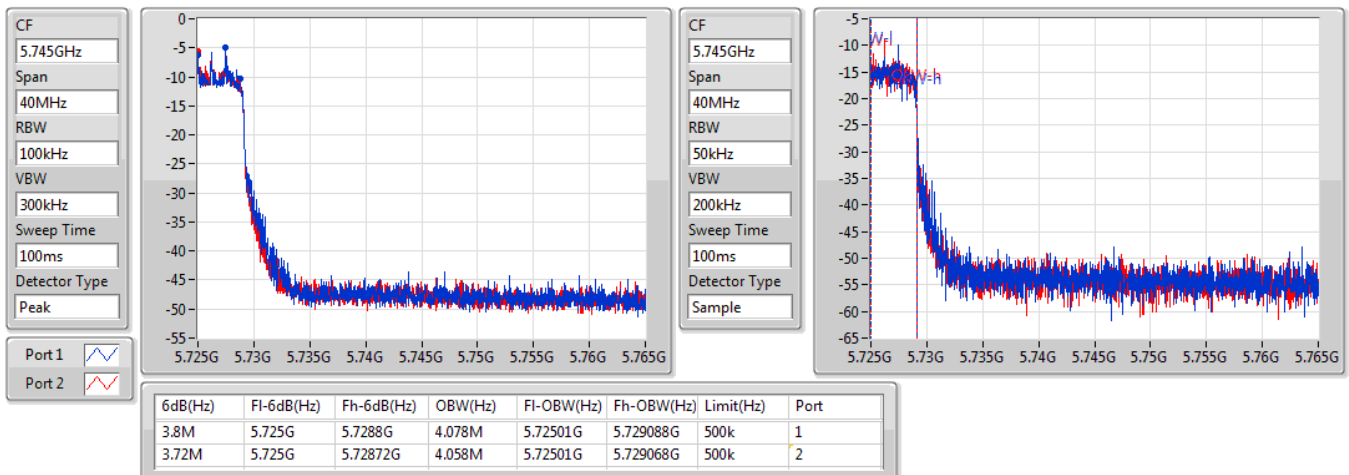


802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

12/11/2019


802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

12/11/2019



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT160_Nss1,(MCS0)_1TX	14.27	0.02673
802.11ax HEW160_Nss1,(MCS0)_1TX	14.35	0.02723
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	23.76	0.23768
802.11ac VHT20_Nss1,(MCS0)_1TX	23.61	0.22961
802.11ac VHT40_Nss1,(MCS0)_1TX	23.10	0.20417
802.11ac VHT80_Nss1,(MCS0)_1TX	17.98	0.06281
802.11ac VHT160_Nss1,(MCS0)_1TX	14.05	0.02541
802.11ax HEW20_Nss1,(MCS0)_1TX	23.66	0.23227
802.11ax HEW40_Nss1,(MCS0)_1TX	23.14	0.20606
802.11ax HEW80_Nss1,(MCS0)_1TX	18.32	0.06792
802.11ax HEW160_Nss1,(MCS0)_1TX	14.21	0.02636
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	22.41	0.17418
802.11ac VHT20_Nss1,(MCS0)_1TX	22.21	0.16634
802.11ac VHT40_Nss1,(MCS0)_1TX	22.33	0.17100
802.11ac VHT80_Nss1,(MCS0)_1TX	21.87	0.15382
802.11ac VHT160_Nss1,(MCS0)_1TX	16.98	0.04989
802.11ax HEW20_Nss1,(MCS0)_1TX	22.34	0.17140
802.11ax HEW40_Nss1,(MCS0)_1TX	22.48	0.17701
802.11ax HEW80_Nss1,(MCS0)_1TX	21.94	0.15631
802.11ax HEW160_Nss1,(MCS0)_1TX	17.13	0.05164
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	14.69	0.02944
802.11ac VHT20_Nss1,(MCS0)_1TX	14.68	0.02938
802.11ac VHT40_Nss1,(MCS0)_1TX	10.87	0.01222
802.11ac VHT80_Nss1,(MCS0)_1TX	7.81	0.00604
802.11ax HEW20_Nss1,(MCS0)_1TX	15.23	0.03334
802.11ax HEW40_Nss1,(MCS0)_1TX	11.49	0.01409
802.11ax HEW80_Nss1,(MCS0)_1TX	8.32	0.00679

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5260MHz	Pass	5.36	23.76	23.76	23.98	24.75
5300MHz	Pass	5.36	23.62	23.62	23.98	24.75
5320MHz	Pass	5.36	20.10	20.10	23.98	20.75
5500MHz	Pass	5.36	19.38	19.38	23.98	20
5580MHz	Pass	5.36	22.41	22.41	23.98	23.5
5700MHz	Pass	5.36	18.46	18.46	23.98	18.5
5720MHz Straddle 5.47-5.725GHz	Pass	5.36	20.82	20.82	23.98	22.75
5720MHz Straddle 5.725-5.85GHz	Pass	5.36	14.69	14.69	30.00	22.75
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5260MHz	Pass	5.36	23.61	23.61	23.98	24.5
5300MHz	Pass	5.36	23.46	23.46	23.98	24.5
5320MHz	Pass	5.36	20.37	20.37	23.98	20.75
5500MHz	Pass	5.36	18.45	18.45	23.98	19.25
5580MHz	Pass	5.36	22.21	22.21	23.98	23.25
5700MHz	Pass	5.36	17.13	17.13	23.98	17.25
5720MHz Straddle 5.47-5.725GHz	Pass	5.36	20.24	20.24	23.98	22
5720MHz Straddle 5.725-5.85GHz	Pass	5.36	14.68	14.68	30.00	22
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5270MHz	Pass	5.36	23.10	23.10	23.98	23.75
5310MHz	Pass	5.36	18.29	18.29	23.98	18.5
5510MHz	Pass	5.36	16.86	16.86	23.98	17.75
5550MHz	Pass	5.36	22.33	22.33	23.98	23.25
5670MHz	Pass	5.36	19.94	19.94	23.98	20.25
5710MHz Straddle 5.47-5.725GHz	Pass	5.36	21.27	21.27	23.98	22.25
5710MHz Straddle 5.725-5.85GHz	Pass	5.36	10.87	10.87	30.00	22.25
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5290MHz	Pass	5.36	17.98	17.98	23.98	18.75
5530MHz	Pass	5.36	16.85	16.85	23.98	17.75
5610MHz	Pass	5.36	21.48	21.48	23.98	22.5
5690MHz Straddle 5.47-5.725GHz	Pass	5.36	21.87	21.87	23.98	23
5690MHz Straddle 5.725-5.85GHz	Pass	5.36	7.81	7.81	30.00	23
802.11ac VHT160_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.36	14.27	14.27	30.00	17.5
5250MHz Straddle 5.25-5.35GHz	Pass	5.36	14.05	14.05	23.98	17.5
5570MHz	Pass	5.36	16.98	16.98	23.98	17.75
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5260MHz	Pass	5.36	23.66	23.66	23.98	24.5
5300MHz	Pass	5.36	23.52	23.52	23.98	24.5
5320MHz	Pass	5.36	20.43	20.43	23.98	20.75
5500MHz	Pass	5.36	18.60	18.60	23.98	19.25
5580MHz	Pass	5.36	22.34	22.34	23.98	23.25
5700MHz	Pass	5.36	17.35	17.35	23.98	17.25
5720MHz Straddle 5.47-5.725GHz	Pass	5.36	20.33	20.33	23.98	22



Average Power_Radio 2 / Internal Antenna

Appendix B.1

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
5720MHz Straddle 5.725-5.85GHz	Pass	5.36	15.23	15.23	30.00	22
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5270MHz	Pass	5.36	23.14	23.14	23.98	23.75
5310MHz	Pass	5.36	18.41	18.41	23.98	18.5
5510MHz	Pass	5.36	17.04	17.04	23.98	17.75
5550MHz	Pass	5.36	22.48	22.48	23.98	23.25
5670MHz	Pass	5.36	20.18	20.18	23.98	20.25
5710MHz Straddle 5.47-5.725GHz	Pass	5.36	21.39	21.39	23.98	22.25
5710MHz Straddle 5.725-5.85GHz	Pass	5.36	11.49	11.49	30.00	22.25
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5290MHz	Pass	5.36	18.32	18.32	23.98	18.75
5530MHz	Pass	5.36	16.98	16.98	23.98	17.75
5610MHz	Pass	5.36	21.64	21.64	23.98	22.5
5690MHz Straddle 5.47-5.725GHz	Pass	5.36	21.94	21.94	23.98	23
5690MHz Straddle 5.725-5.85GHz	Pass	5.36	8.32	8.32	30.00	23
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.36	14.35	14.35	30.00	17.5
5250MHz Straddle 5.25-5.35GHz	Pass	5.36	14.21	14.21	23.98	17.5
5570MHz	Pass	5.36	17.13	17.13	23.98	17.75

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

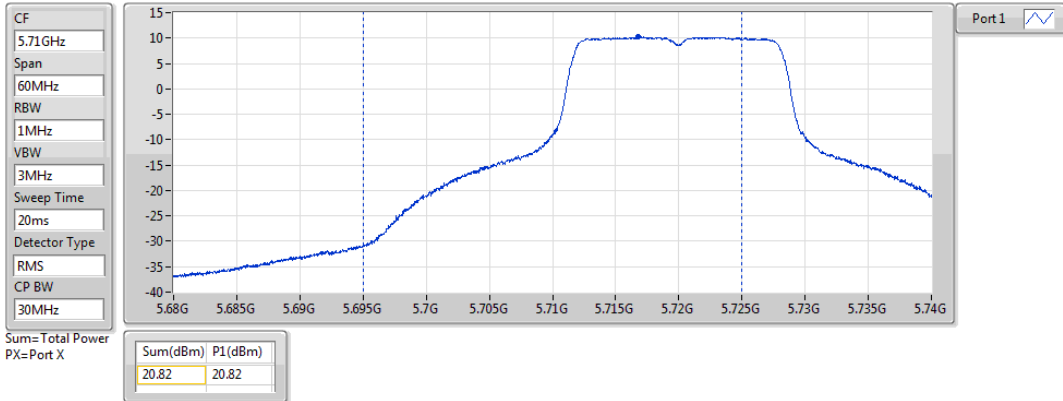
Note : Conducted setting = Pass conducted setting division 4

802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

26/10/2019

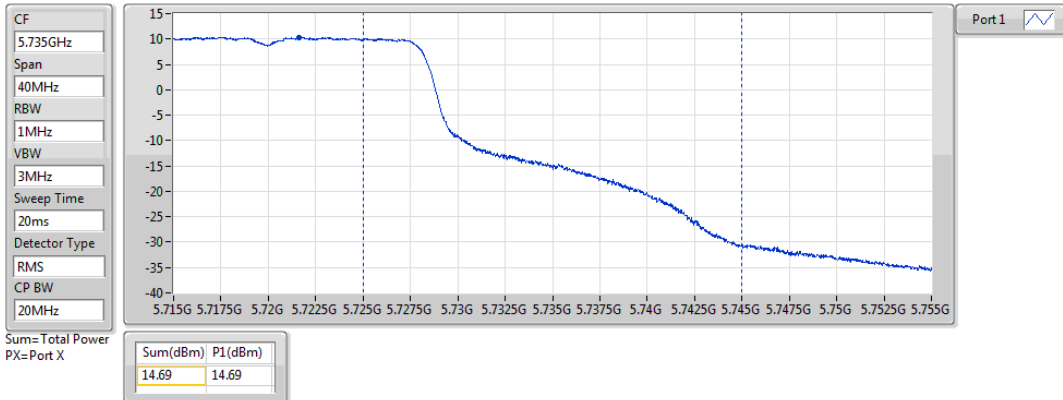


802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

26/10/2019

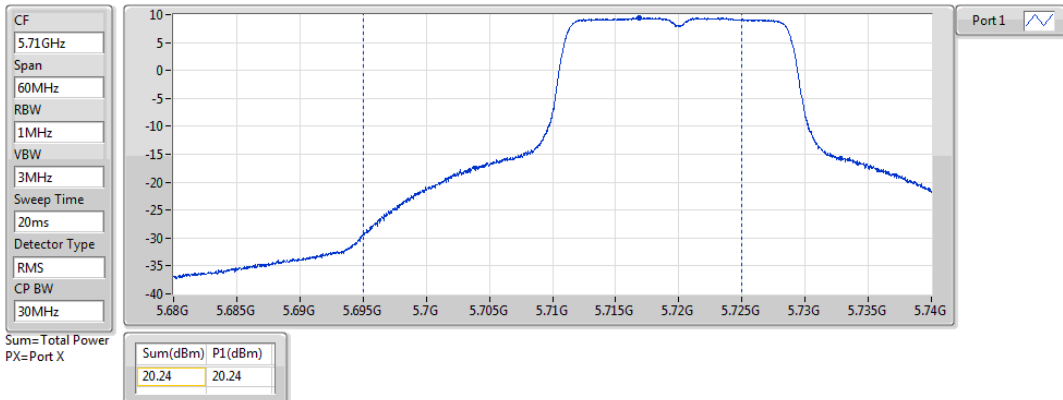


802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

26/10/2019

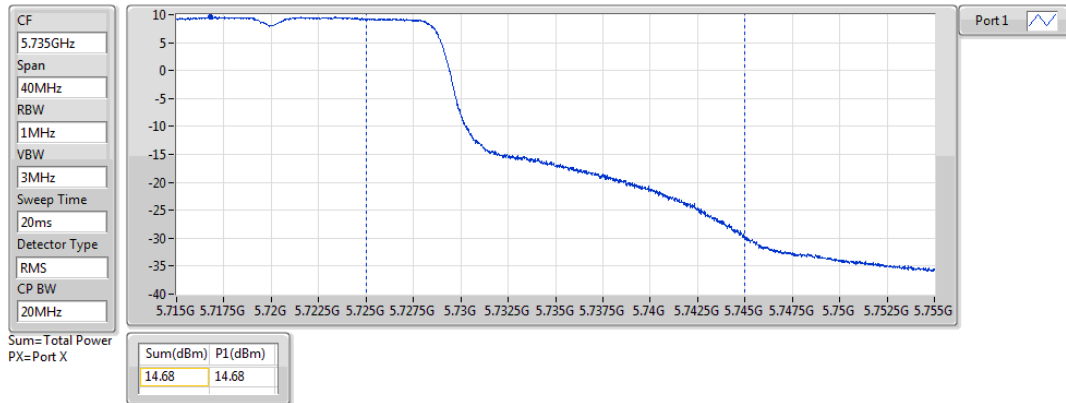


802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

26/10/2019

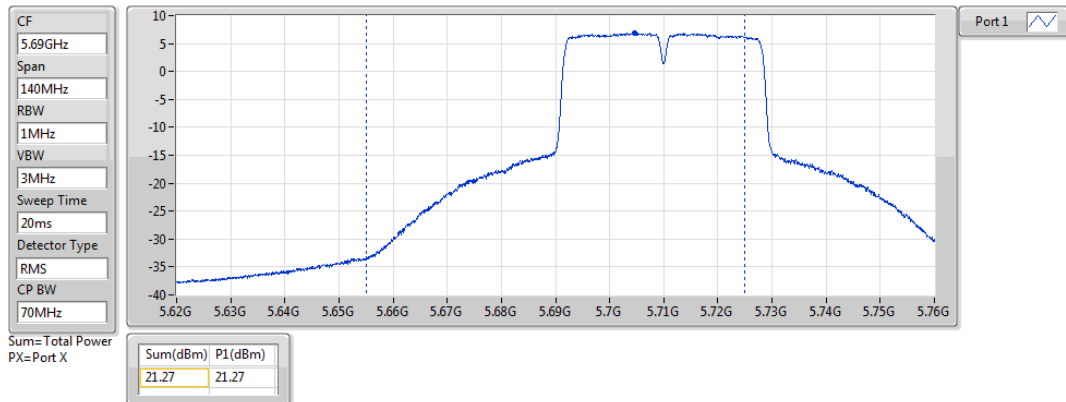


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

26/10/2019

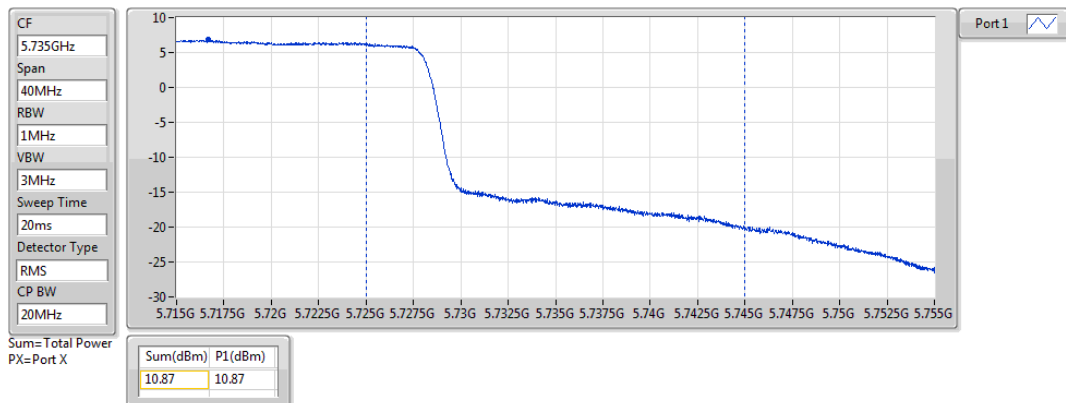


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

26/10/2019

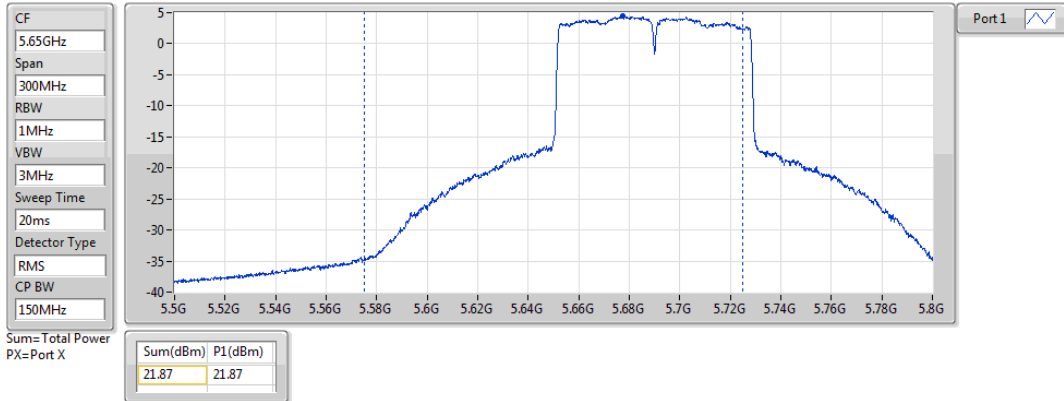


802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz

26/10/2019

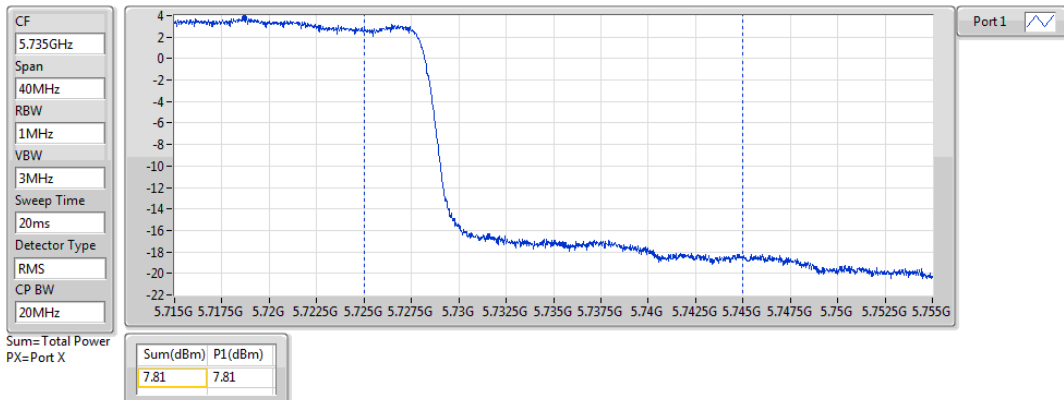


802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

27/10/2019

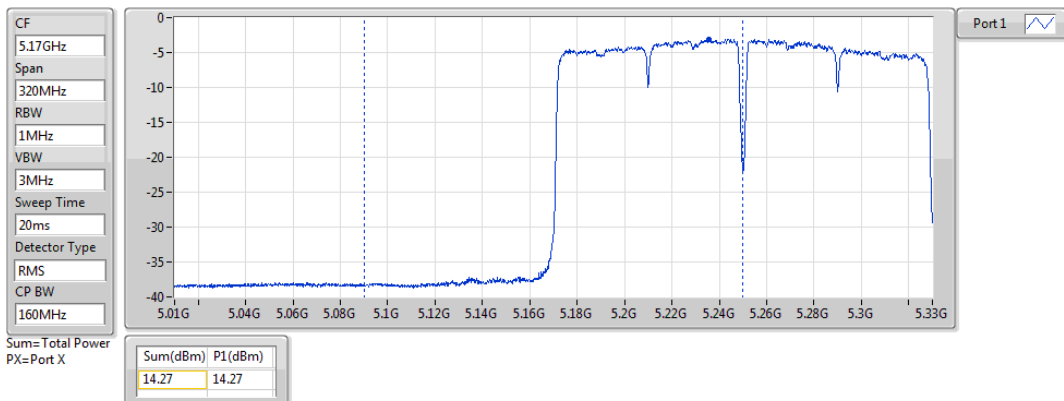


802.11ac VHT160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.15-5.25GHz

27/10/2019

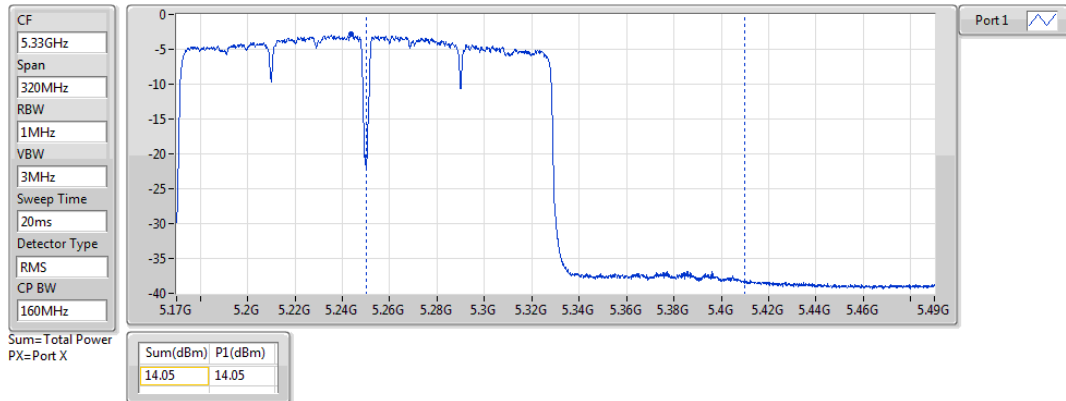


802.11ac VHT160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.25-5.35GHz

27/10/2019

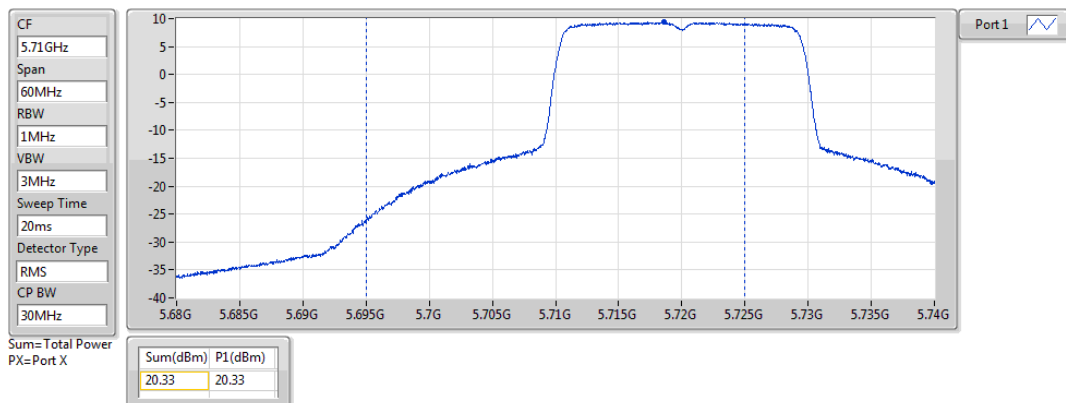


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

26/10/2019

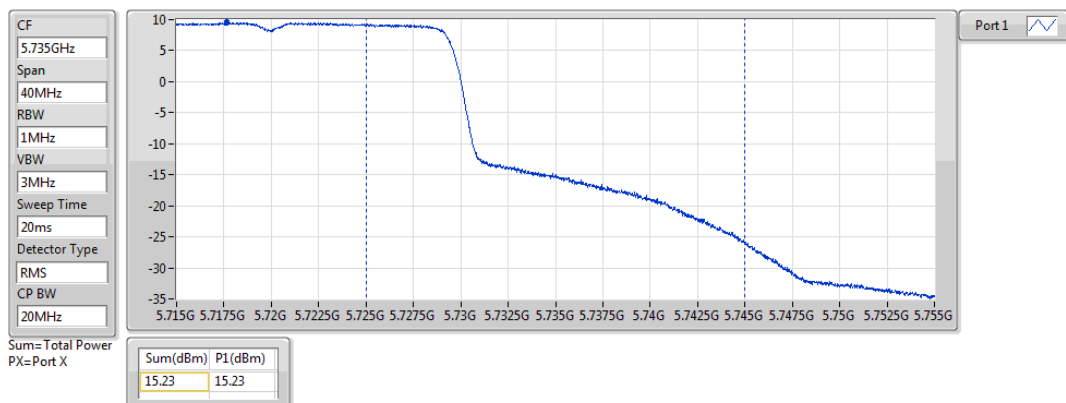


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

26/10/2019

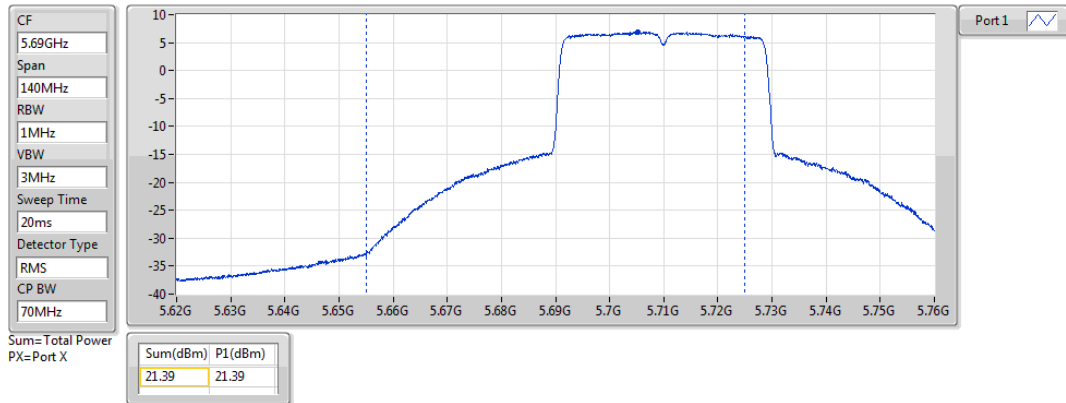


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

26/10/2019

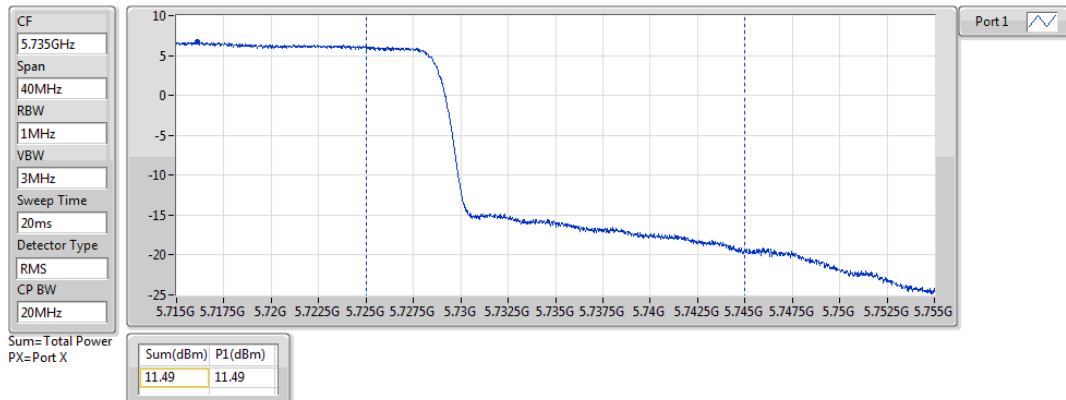


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

26/10/2019

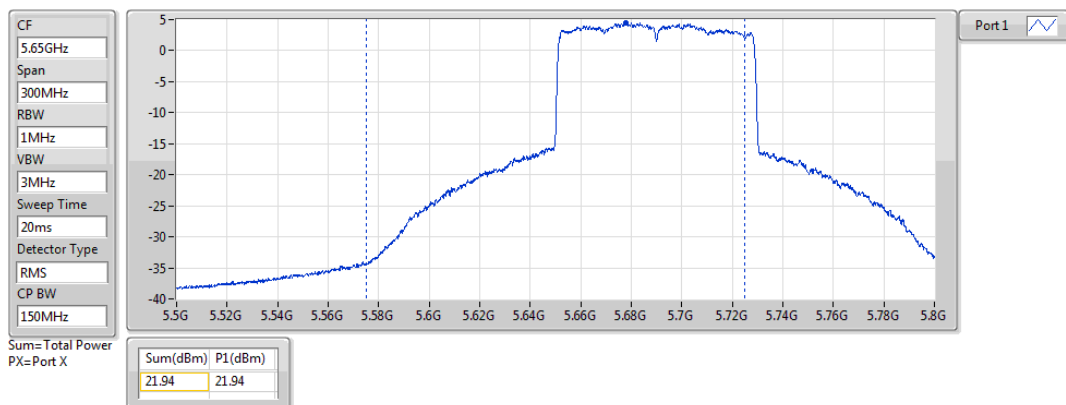


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz

26/10/2019

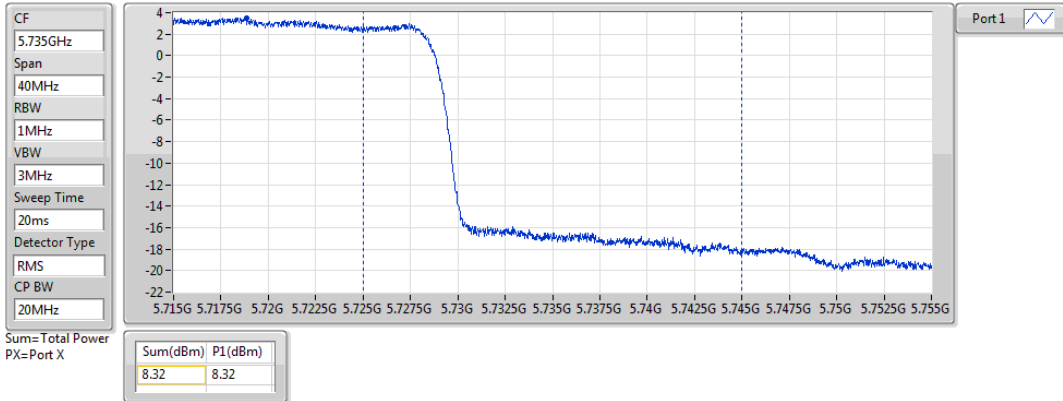


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

26/10/2019

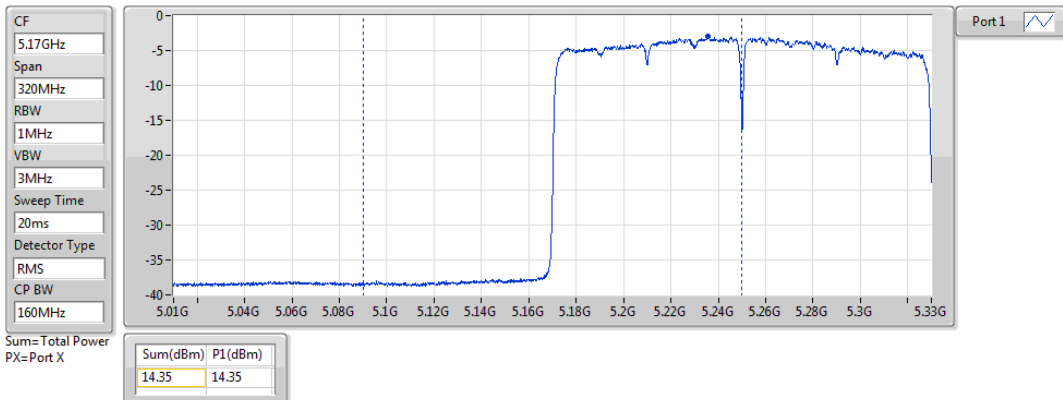


802.11ax HEW160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.15-5.25GHz

26/10/2019

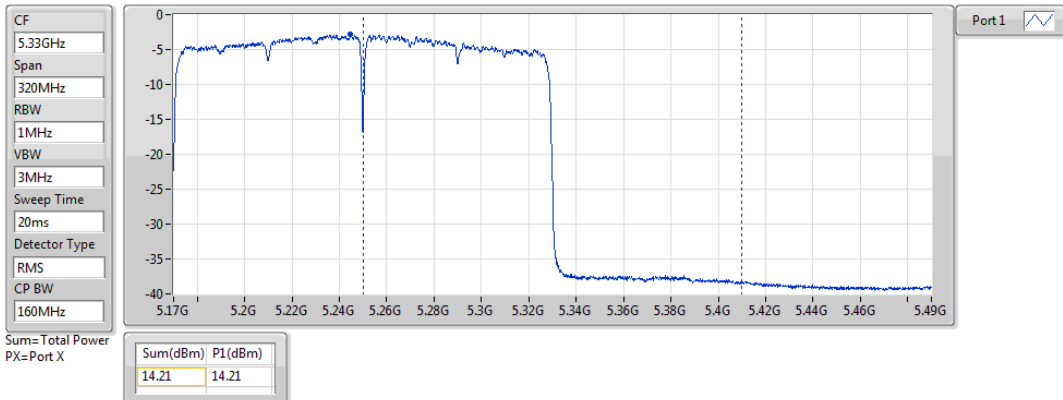


802.11ax HEW160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.25-5.35GHz

26/10/2019



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT160_Nss2,(MCS0)_2TX	14.27	0.02673
802.11ax HEW160_Nss2,(MCS0)_2TX	14.57	0.02864
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	21.60	0.14454
802.11ac VHT20_Nss2,(MCS0)_2TX	23.89	0.24491
802.11ac VHT40_Nss2,(MCS0)_2TX	23.74	0.23659
802.11ac VHT80_Nss2,(MCS0)_2TX	18.71	0.07430
802.11ac VHT160_Nss2,(MCS0)_2TX	14.02	0.02523
802.11ax HEW20_Nss2,(MCS0)_2TX	23.96	0.24889
802.11ax HEW40_Nss2,(MCS0)_2TX	23.87	0.24378
802.11ax HEW80_Nss2,(MCS0)_2TX	18.88	0.07727
802.11ax HEW160_Nss2,(MCS0)_2TX	14.33	0.02710
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	21.46	0.13996
802.11ac VHT20_Nss2,(MCS0)_2TX	23.70	0.23442
802.11ac VHT40_Nss2,(MCS0)_2TX	23.83	0.24155
802.11ac VHT80_Nss2,(MCS0)_2TX	23.83	0.24155
802.11ac VHT160_Nss2,(MCS0)_2TX	18.05	0.06383
802.11ax HEW20_Nss2,(MCS0)_2TX	23.91	0.24604
802.11ax HEW40_Nss2,(MCS0)_2TX	23.96	0.24889
802.11ax HEW80_Nss2,(MCS0)_2TX	23.94	0.24774
802.11ax HEW160_Nss2,(MCS0)_2TX	18.17	0.06561
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	14.04	0.02535
802.11ac VHT20_Nss2,(MCS0)_2TX	17.28	0.05346
802.11ac VHT40_Nss2,(MCS0)_2TX	13.48	0.02228
802.11ac VHT80_Nss2,(MCS0)_2TX	9.86	0.00968
802.11ax HEW20_Nss2,(MCS0)_2TX	17.66	0.05834
802.11ax HEW40_Nss2,(MCS0)_2TX	14.18	0.02618
802.11ax HEW80_Nss2,(MCS0)_2TX	10.51	0.01125

**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	5.36	18.93	18.21	21.60	23.98	19.25
5300MHz	Pass	5.36	18.68	18.34	21.52	23.98	19.25
5320MHz	Pass	5.36	18.76	18.36	21.57	23.98	19.25
5500MHz	Pass	5.36	15.98	16.30	19.15	23.98	16.5
5580MHz	Pass	5.36	18.31	18.58	21.46	23.98	19
5700MHz	Pass	5.36	15.17	16.49	18.89	23.98	15
5720MHz Straddle 5.47-5.725GHz	Pass	5.36	16.89	17.95	20.46	22.96	18
5720MHz Straddle 5.725-5.85GHz	Pass	5.36	10.43	11.56	14.04	30.00	18
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5260MHz	Pass	5.36	21.13	20.61	23.89	23.98	21.5
5300MHz	Pass	5.36	20.92	20.73	23.84	23.98	21.5
5320MHz	Pass	5.36	19.12	18.71	21.93	23.98	19.5
5500MHz	Pass	5.36	18.17	18.56	21.38	23.98	19
5580MHz	Pass	5.36	20.79	20.59	23.70	23.98	21.5
5700MHz	Pass	5.36	15.06	16.26	18.71	23.98	15
5720MHz Straddle 5.47-5.725GHz	Pass	5.36	19.30	20.20	22.78	23.98	21
5720MHz Straddle 5.725-5.85GHz	Pass	5.36	13.74	14.75	17.28	30.00	21
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5270MHz	Pass	5.36	20.87	20.59	23.74	23.98	21.25
5310MHz	Pass	5.36	17.25	16.56	19.93	23.98	17.5
5510MHz	Pass	5.36	13.89	14.82	17.39	23.98	14.75
5550MHz	Pass	5.36	20.72	20.85	23.80	23.98	21.5
5670MHz	Pass	5.36	17.08	18.31	20.75	23.98	17.25
5710MHz Straddle 5.47-5.725GHz	Pass	5.36	20.37	21.23	23.83	23.98	21.25
5710MHz Straddle 5.725-5.85GHz	Pass	5.36	9.83	11.02	13.48	30.00	21.25
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5290MHz	Pass	5.36	15.81	15.59	18.71	23.98	16.75
5530MHz	Pass	5.36	15.56	16.03	18.81	23.98	16.5
5610MHz	Pass	5.36	19.52	20.45	23.02	23.98	20.25
5690MHz Straddle 5.47-5.725GHz	Pass	5.36	20.46	21.15	23.83	23.98	21.25
5690MHz Straddle 5.725-5.85GHz	Pass	5.36	6.09	7.50	9.86	30.00	21.25
802.11ac VHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.36	11.20	11.31	14.27	30.00	14.5
5250MHz Straddle 5.25-5.35GHz	Pass	5.36	10.90	11.12	14.02	23.98	14.5
5570MHz	Pass	5.36	15.07	15.01	18.05	23.98	15.75
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5260MHz	Pass	5.36	21.23	20.63	23.95	23.98	21.5
5300MHz	Pass	5.36	21.15	20.75	23.96	23.98	21.5
5320MHz	Pass	5.36	19.24	18.83	22.05	23.98	19.5
5500MHz	Pass	5.36	18.43	18.77	21.61	23.98	19
5580MHz	Pass	5.36	21.04	20.75	23.91	23.98	21.5
5700MHz	Pass	5.36	15.38	16.43	18.95	23.98	15
5720MHz Straddle 5.47-5.725GHz	Pass	5.36	19.55	20.47	23.04	23.98	21



Average Power_Radio 2 / Internal Antenna

Appendix B.2

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
5720MHz Straddle 5.725-5.85GHz	Pass	5.36	14.15	15.09	17.66	30.00	21
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5270MHz	Pass	5.36	21.02	20.69	23.87	23.98	21.25
5310MHz	Pass	5.36	17.50	16.73	20.14	23.98	17.5
5510MHz	Pass	5.36	14.18	15.01	17.63	23.98	14.75
5550MHz	Pass	5.36	20.94	20.90	23.93	23.98	21.5
5670MHz	Pass	5.36	17.35	18.46	20.95	23.98	17.25
5710MHz Straddle 5.47-5.725GHz	Pass	5.36	20.51	21.35	23.96	23.98	21.25
5710MHz Straddle 5.725-5.85GHz	Pass	5.36	10.56	11.70	14.18	30.00	21.25
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5290MHz	Pass	5.36	15.98	15.76	18.88	23.98	16.75
5530MHz	Pass	5.36	15.83	16.24	19.05	23.98	16.5
5610MHz	Pass	5.36	19.67	20.58	23.16	23.98	20.25
5690MHz Straddle 5.47-5.725GHz	Pass	5.36	20.65	21.20	23.94	23.98	21.25
5690MHz Straddle 5.725-5.85GHz	Pass	5.36	6.88	8.05	10.51	30.00	21.25
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.36	11.45	11.67	14.57	30.00	14.5
5250MHz Straddle 5.25-5.35GHz	Pass	5.36	11.18	11.46	14.33	23.98	14.5
5570MHz	Pass	5.36	15.22	15.10	18.17	23.98	15.75

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

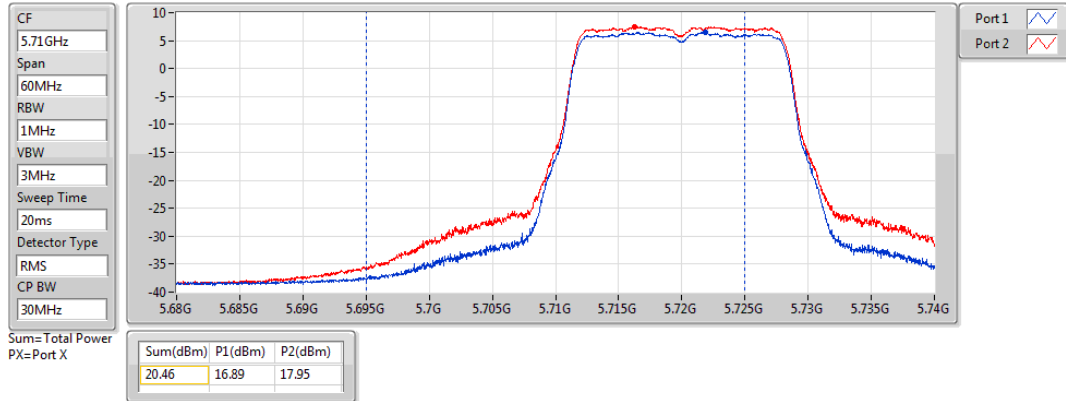
Note : Conducted setting = Pass conducted setting division 4

802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

27/10/2019

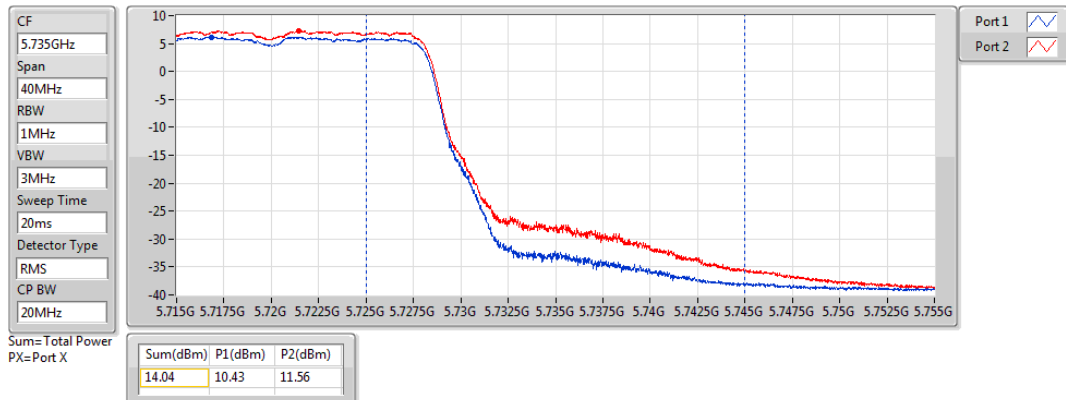


802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

27/10/2019

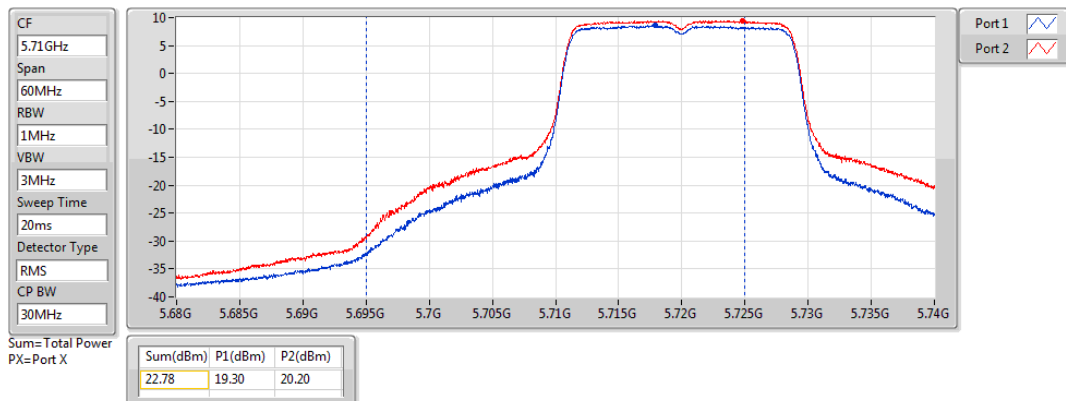


802.11ac VHT20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

27/10/2019

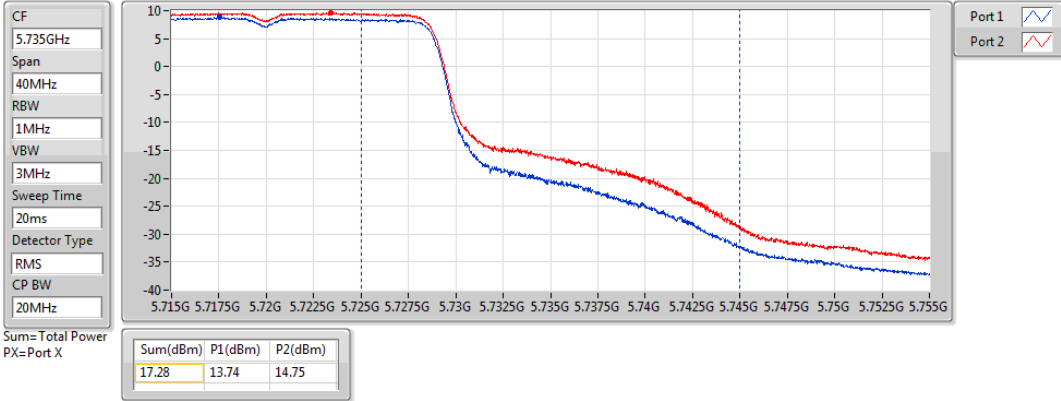


802.11ac VHT20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

27/10/2019

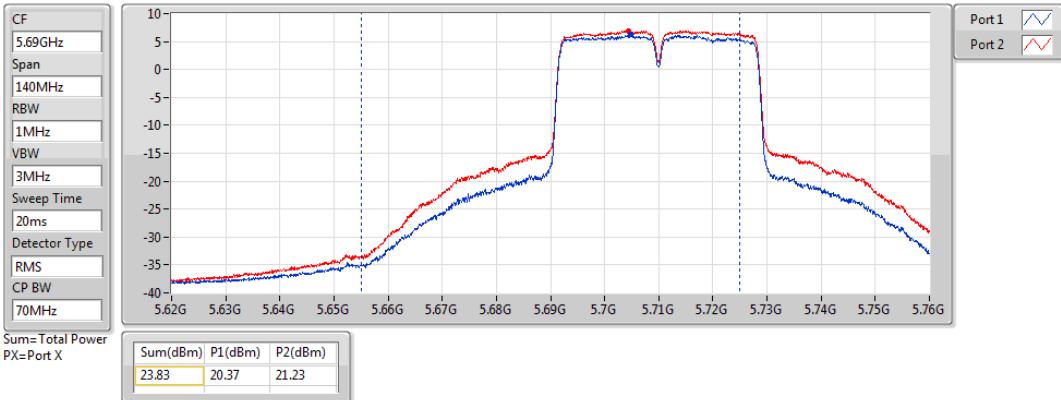


802.11ac VHT40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

27/10/2019

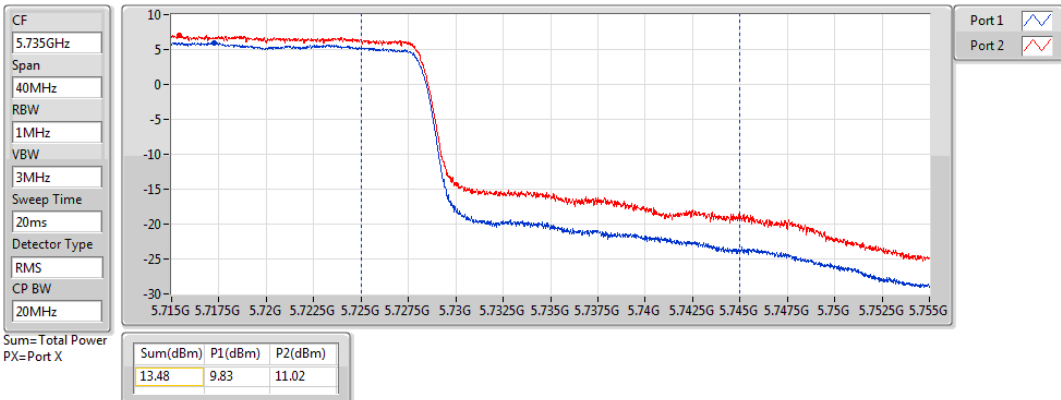


802.11ac VHT40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

27/10/2019

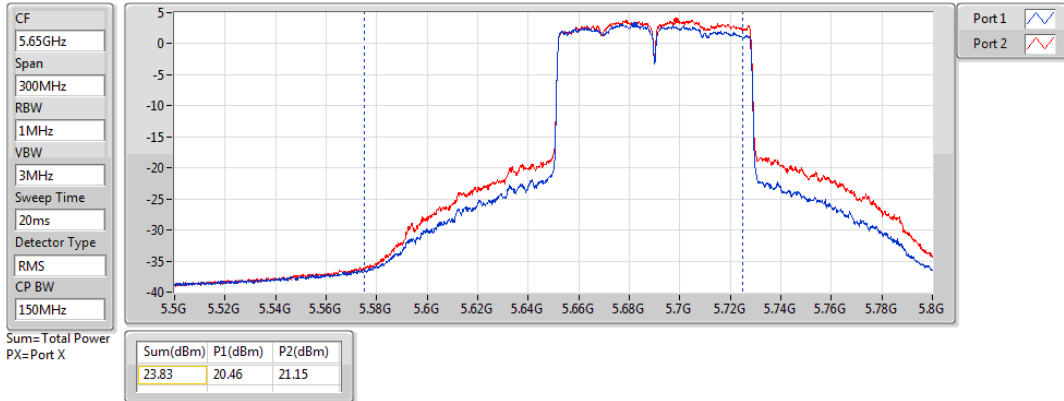


802.11ac VHT80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

27/10/2019

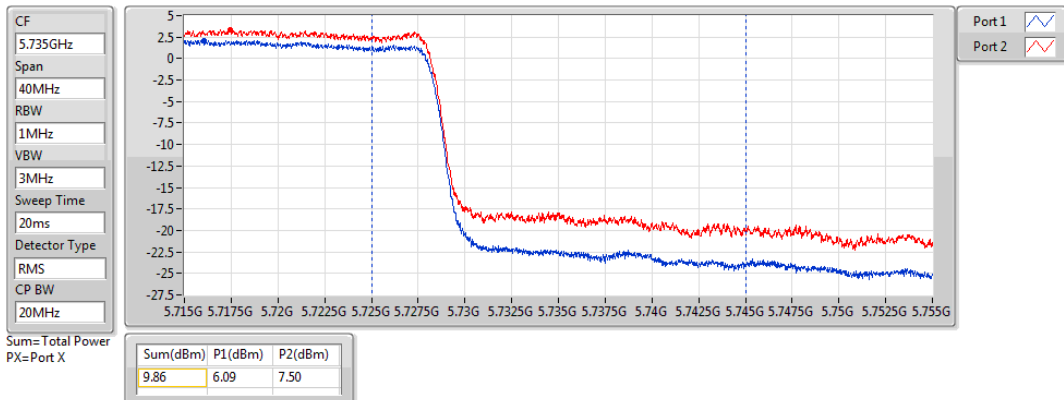


802.11ac VHT80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

27/10/2019

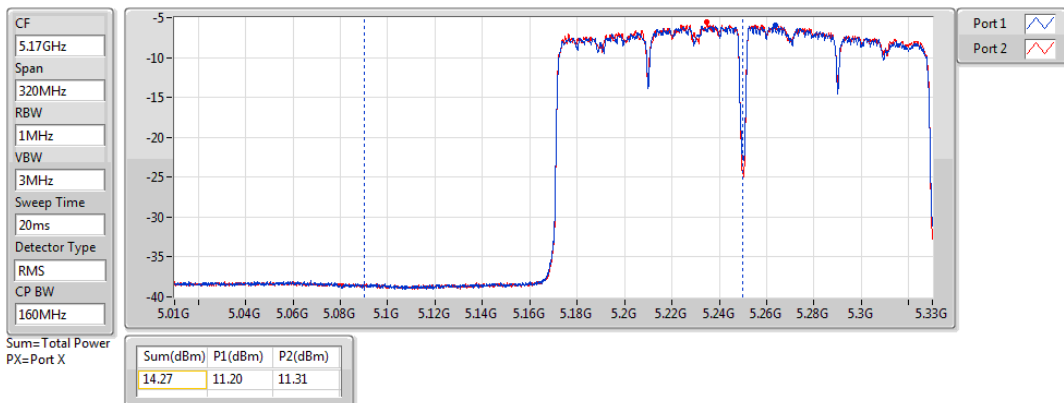


802.11ac VHT160_Nss2,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz

27/10/2019

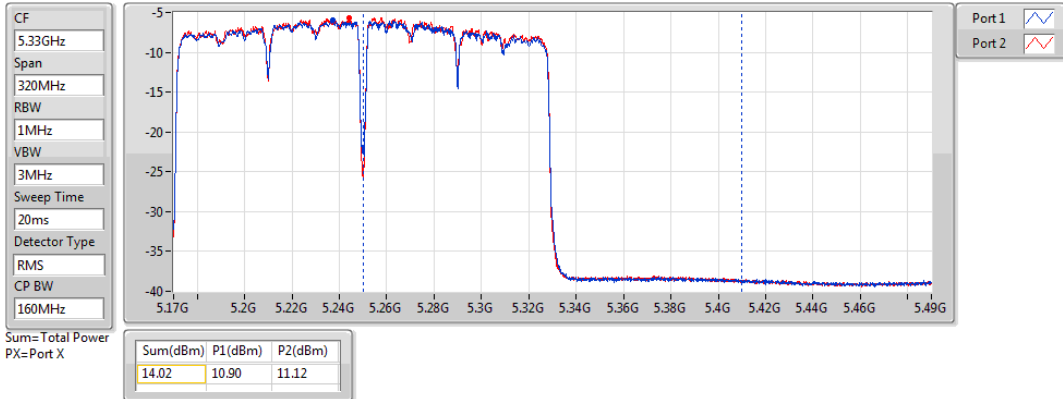


802.11ac VHT160_Nss2,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz

27/10/2019

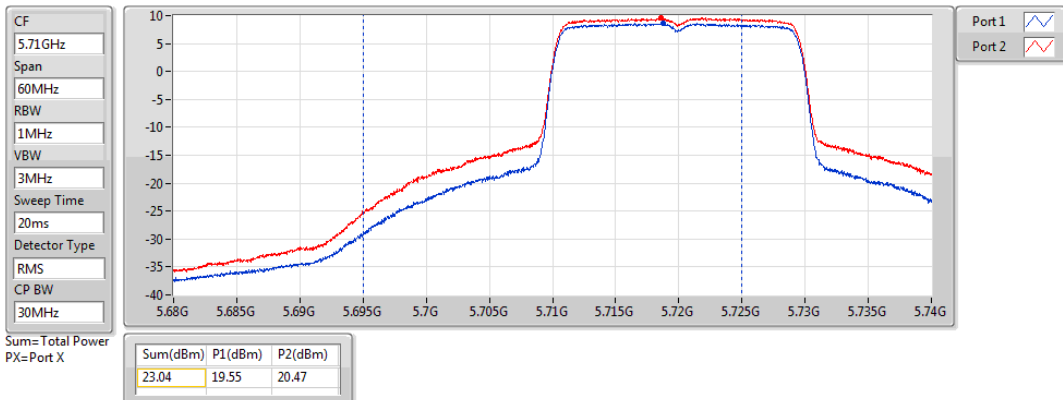


802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

27/10/2019



802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

27/10/2019

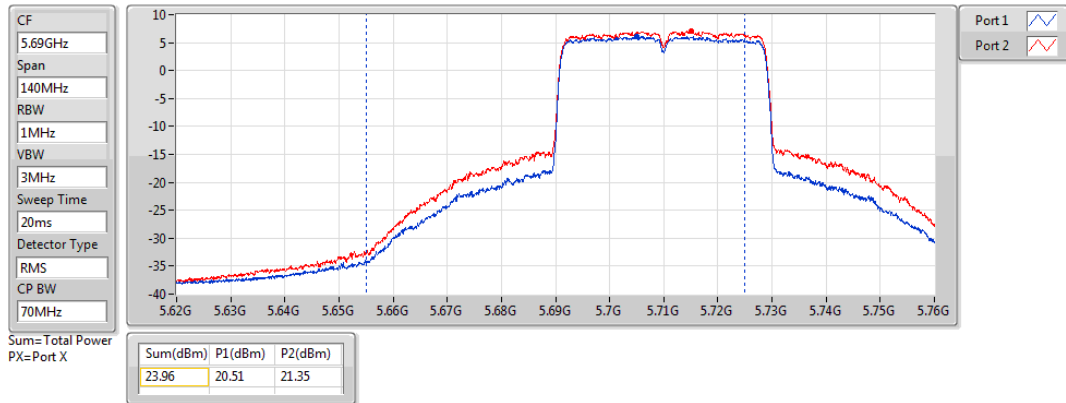


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

27/10/2019

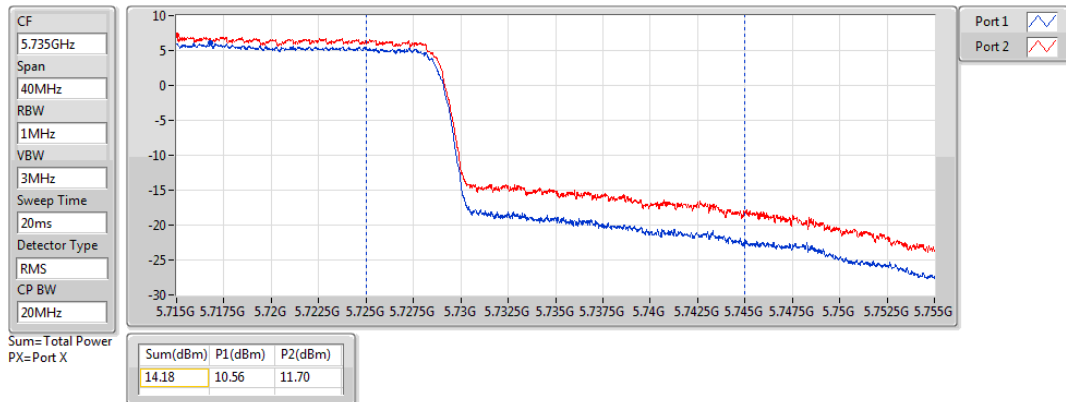


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

27/10/2019

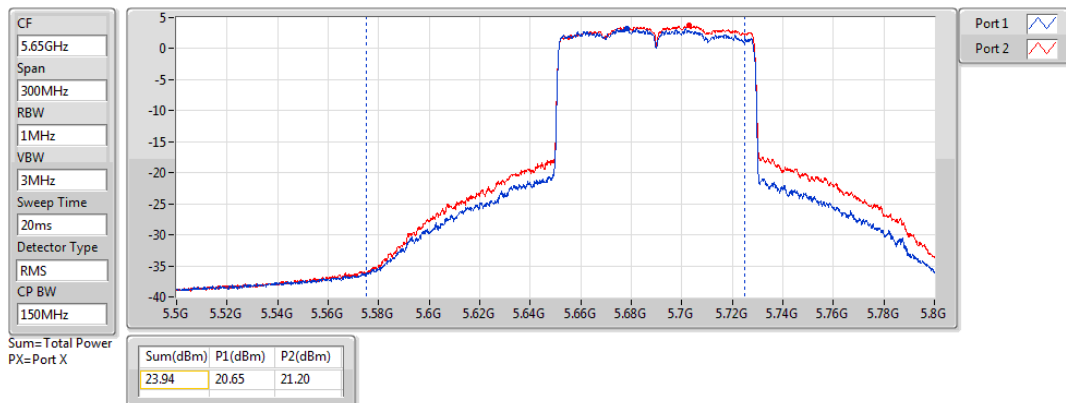


802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

27/10/2019

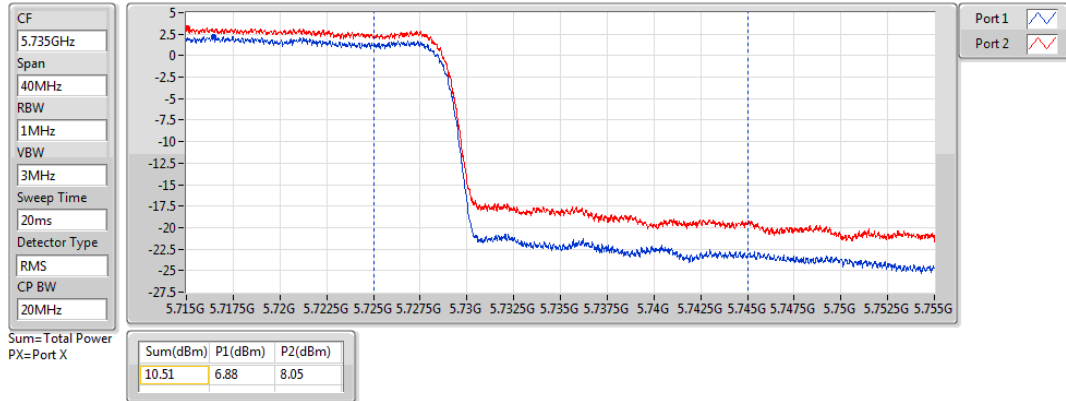


802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

27/10/2019

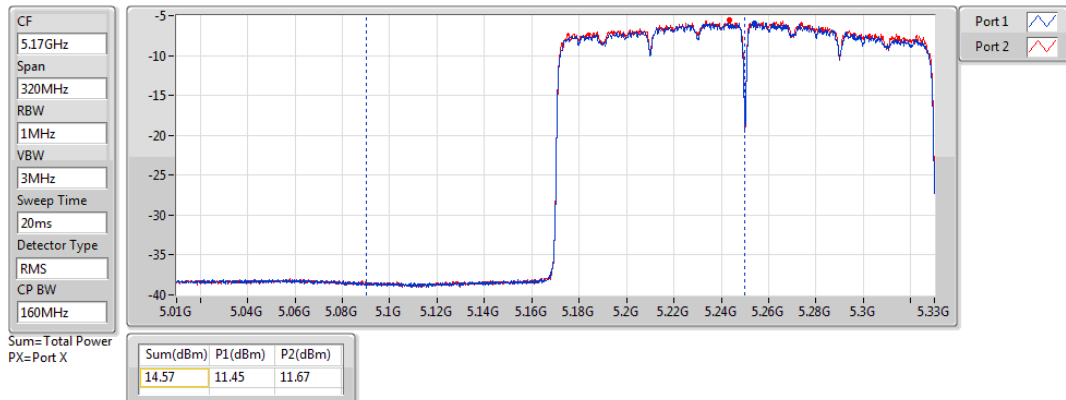


802.11ax HEW160_Nss2,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz

27/10/2019

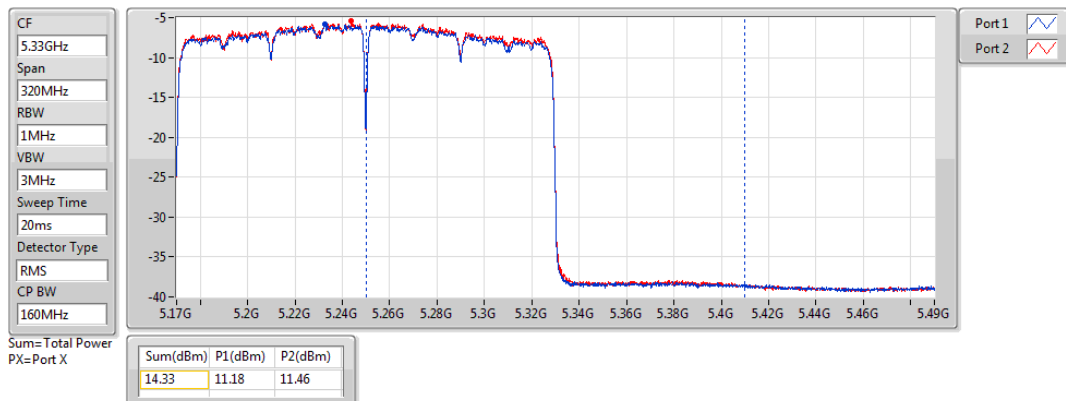


802.11ax HEW160_Nss2,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz

27/10/2019



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT160_Nss1,(MCS0)_4TX	17.14	0.05176
802.11ax HEW160_Nss1,(MCS0)_4TX	17.41	0.05508
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	18.47	0.07031
802.11ac VHT20_Nss1,(MCS0)_4TX	18.76	0.07516
802.11ac VHT40_Nss1,(MCS0)_4TX	21.49	0.14093
802.11ac VHT80_Nss1,(MCS0)_4TX	20.82	0.12078
802.11ac VHT160_Nss1,(MCS0)_4TX	17.02	0.05035
802.11ax HEW20_Nss1,(MCS0)_4TX	18.91	0.07780
802.11ax HEW40_Nss1,(MCS0)_4TX	21.70	0.14791
802.11ax HEW80_Nss1,(MCS0)_4TX	21.07	0.12794
802.11ax HEW160_Nss1,(MCS0)_4TX	17.23	0.05284
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	18.40	0.06918
802.11ac VHT20_Nss1,(MCS0)_4TX	18.69	0.07396
802.11ac VHT40_Nss1,(MCS0)_4TX	21.54	0.14256
802.11ac VHT80_Nss1,(MCS0)_4TX	23.73	0.23605
802.11ac VHT160_Nss1,(MCS0)_4TX	21.35	0.13646
802.11ax HEW20_Nss1,(MCS0)_4TX	18.88	0.07727
802.11ax HEW40_Nss1,(MCS0)_4TX	21.64	0.14588
802.11ax HEW80_Nss1,(MCS0)_4TX	23.96	0.24889
802.11ax HEW160_Nss1,(MCS0)_4TX	21.76	0.14997
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	11.63	0.01455
802.11ac VHT20_Nss1,(MCS0)_4TX	12.28	0.01690
802.11ac VHT40_Nss1,(MCS0)_4TX	11.19	0.01315
802.11ac VHT80_Nss1,(MCS0)_4TX	9.58	0.00908
802.11ax HEW20_Nss1,(MCS0)_4TX	12.85	0.01928
802.11ax HEW40_Nss1,(MCS0)_4TX	11.93	0.01560
802.11ax HEW80_Nss1,(MCS0)_4TX	10.49	0.01119

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.36	12.61	11.56	12.87	12.64	18.47	23.98	12.75
5300MHz	Pass	5.36	12.43	11.77	12.71	12.75	18.45	23.98	12.75
5320MHz	Pass	5.36	12.51	11.59	12.65	12.72	18.41	23.98	12.75
5500MHz	Pass	5.36	12.35	12.89	11.97	12.18	18.38	23.98	13
5580MHz	Pass	5.36	12.42	12.69	11.84	12.22	18.32	23.98	12.75
5700MHz	Pass	5.36	12.11	13.34	11.87	12.03	18.40	23.98	12
5720MHz Straddle 5.47-5.725GHz	Pass	5.36	11.44	12.66	11.15	11.26	17.69	22.91	12
5720MHz Straddle 5.725-5.85GHz	Pass	5.36	5.44	6.54	5.26	5.06	11.63	30.00	12
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.36	12.94	11.67	12.84	12.93	18.65	23.98	13
5300MHz	Pass	5.36	12.72	11.81	12.89	13.06	18.67	23.98	13
5320MHz	Pass	5.36	13.05	11.87	12.91	13.03	18.76	23.98	13
5500MHz	Pass	5.36	12.81	13.20	12.24	12.33	18.68	23.98	13.25
5580MHz	Pass	5.36	12.38	12.84	12.27	12.49	18.52	23.98	13
5700MHz	Pass	5.36	12.31	13.61	12.26	12.33	18.69	23.98	12.25
5720MHz Straddle 5.47-5.725GHz	Pass	5.36	11.63	12.86	11.53	11.46	17.93	22.97	12.25
5720MHz Straddle 5.725-5.85GHz	Pass	5.36	6.01	7.12	5.95	5.84	12.28	30.00	12.25
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	5.36	15.64	14.45	15.48	15.63	21.35	23.98	15.75
5310MHz	Pass	5.36	15.74	14.86	15.59	15.65	21.49	23.98	16
5510MHz	Pass	5.36	14.66	15.55	14.83	14.61	20.95	23.98	15.75
5550MHz	Pass	5.36	15.23	15.85	15.04	14.89	21.29	23.98	16
5670MHz	Pass	5.36	15.07	16.51	14.97	15.16	21.50	23.98	15.25
5710MHz Straddle 5.47-5.725GHz	Pass	5.36	15.23	16.42	14.98	15.28	21.54	23.98	15.25
5710MHz Straddle 5.725-5.85GHz	Pass	5.36	4.77	6.06	4.78	4.93	11.19	30.00	15.25
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	5.36	14.64	14.05	15.22	15.18	20.82	23.98	15.5
5530MHz	Pass	5.36	15.39	15.83	15.17	14.07	21.18	23.98	16.25
5610MHz	Pass	5.36	17.85	18.56	17.21	17.05	23.73	23.98	18
5690MHz Straddle 5.47-5.725GHz	Pass	5.36	17.92	18.32	17.03	16.94	23.61	23.98	17.5
5690MHz Straddle 5.725-5.85GHz	Pass	5.36	3.52	4.40	3.21	2.96	9.58	30.00	17.5
802.11ac VHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.36	10.98	11.27	11.12	11.12	17.14	30.00	14
5250MHz Straddle 5.25-5.35GHz	Pass	5.36	10.64	11.15	10.85	11.34	17.02	23.98	14
5570MHz	Pass	5.36	15.84	15.92	14.79	14.62	21.35	23.98	16.75
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.36	13.06	11.87	13.31	13.17	18.91	23.98	13
5300MHz	Pass	5.36	12.93	12.05	13.05	13.26	18.87	23.98	13
5320MHz	Pass	5.36	13.04	12.03	13.10	13.21	18.89	23.98	13
5500MHz	Pass	5.36	12.84	13.16	12.39	12.47	18.75	23.98	13.25
5580MHz	Pass	5.36	12.69	13.12	12.46	12.60	18.75	23.98	13
5700MHz	Pass	5.36	12.57	13.78	12.51	12.41	18.88	23.98	12.25
5720MHz Straddle 5.47-5.725GHz	Pass	5.36	11.84	12.88	11.74	11.63	18.07	22.97	12.25



Average Power_Radio 2 / Internal Antenna

Appendix B.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
5720MHz Straddle 5.725-5.85GHz	Pass	5.36	6.56	7.68	6.58	6.39	12.85	30.00	12.25
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	5.36	15.89	14.50	15.84	15.85	21.58	23.98	15.75
5310MHz	Pass	5.36	15.88	14.95	15.88	15.92	21.70	23.98	16
5510MHz	Pass	5.36	14.92	15.70	15.07	14.66	21.13	23.98	15.75
5550MHz	Pass	5.36	15.24	16.09	15.12	15.19	21.45	23.98	16
5670MHz	Pass	5.36	15.28	16.56	15.13	15.36	21.64	23.98	15.25
5710MHz Straddle 5.47-5.725GHz	Pass	5.36	15.44	16.48	15.03	15.22	21.60	23.98	15.25
5710MHz Straddle 5.725-5.85GHz	Pass	5.36	5.52	6.82	5.51	5.66	11.93	30.00	15.25
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	5.36	14.86	14.43	15.47	15.35	21.07	23.98	15.5
5530MHz	Pass	5.36	15.45	16.09	15.34	14.48	21.40	23.98	16.25
5610MHz	Pass	5.36	18.09	18.82	17.36	17.31	23.96	23.98	18
5690MHz Straddle 5.47-5.725GHz	Pass	5.36	18.05	18.61	17.37	17.20	23.86	23.98	17.5
5690MHz Straddle 5.725-5.85GHz	Pass	5.36	4.41	5.40	4.07	3.85	10.49	30.00	17.5
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.36	11.29	11.60	11.46	11.20	17.41	30.00	14
5250MHz Straddle 5.25-5.35GHz	Pass	5.36	10.91	11.37	11.09	11.46	17.23	23.98	14
5570MHz	Pass	5.36	16.22	16.28	15.23	15.07	21.76	23.98	16.75

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

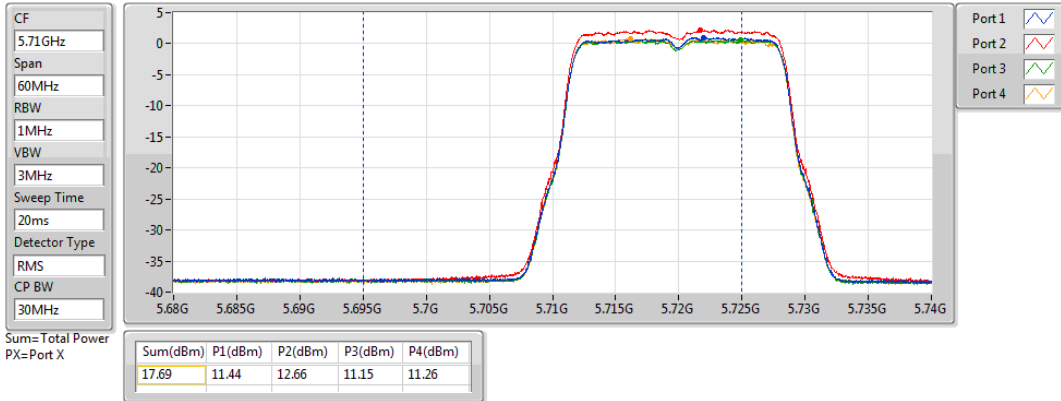
Note : Conducted setting = Pass conducted setting division 4

802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

28/10/2019

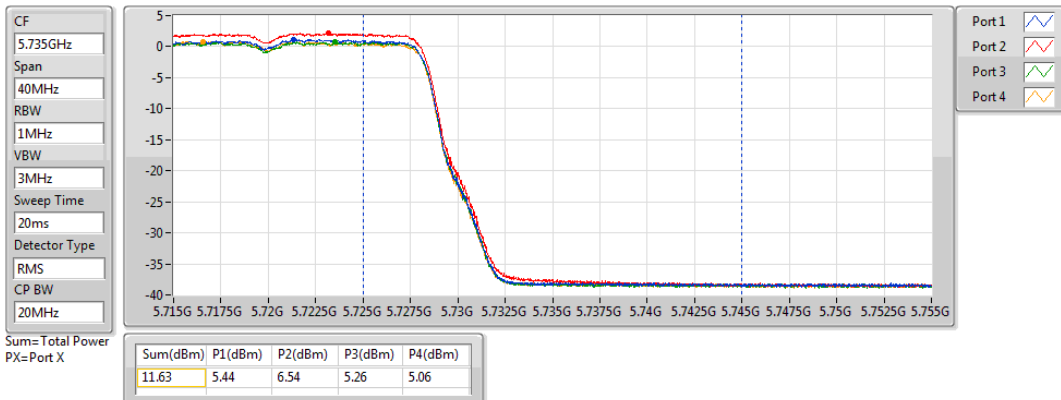


802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

28/10/2019

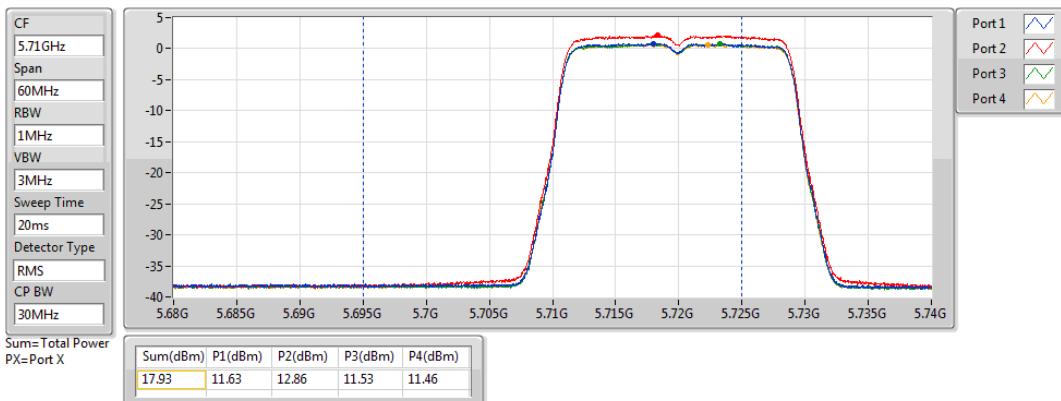


802.11ac VHT20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

28/10/2019

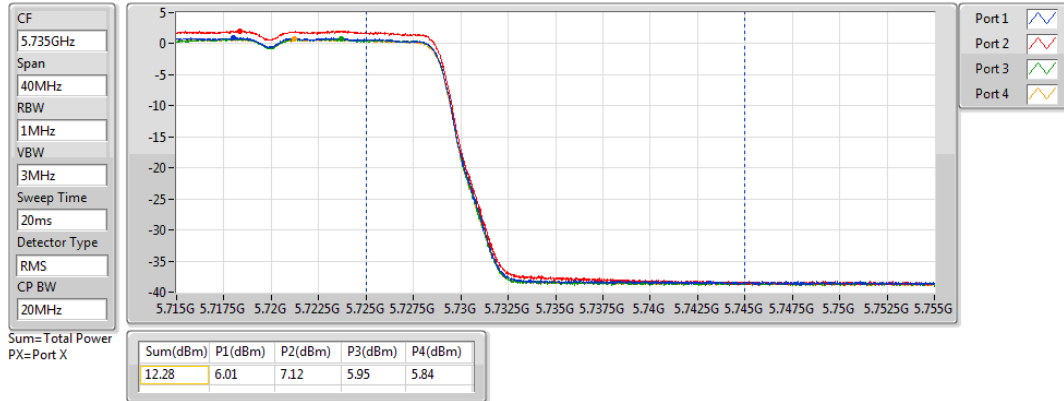


802.11ac VHT20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

28/10/2019

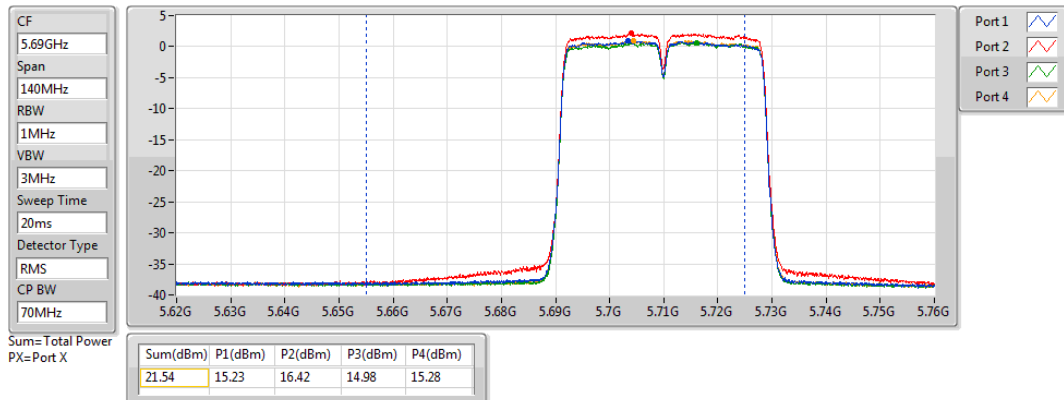


802.11ac VHT40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

29/10/2019

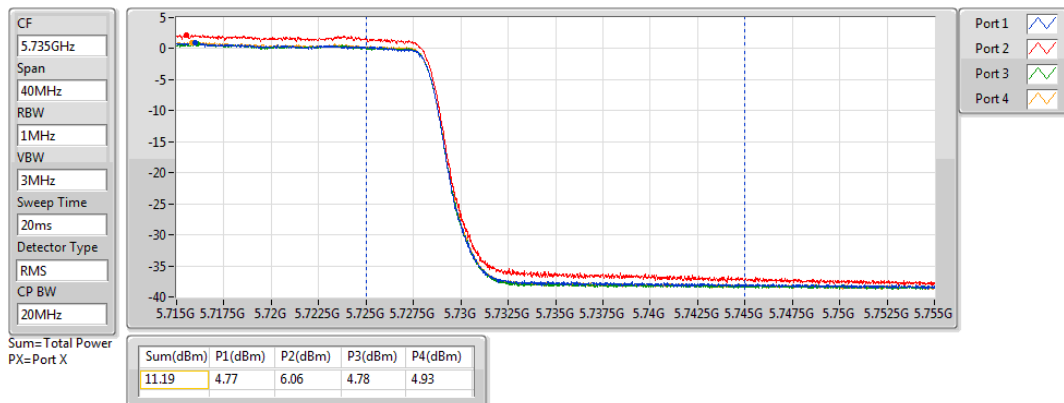


802.11ac VHT40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

29/10/2019

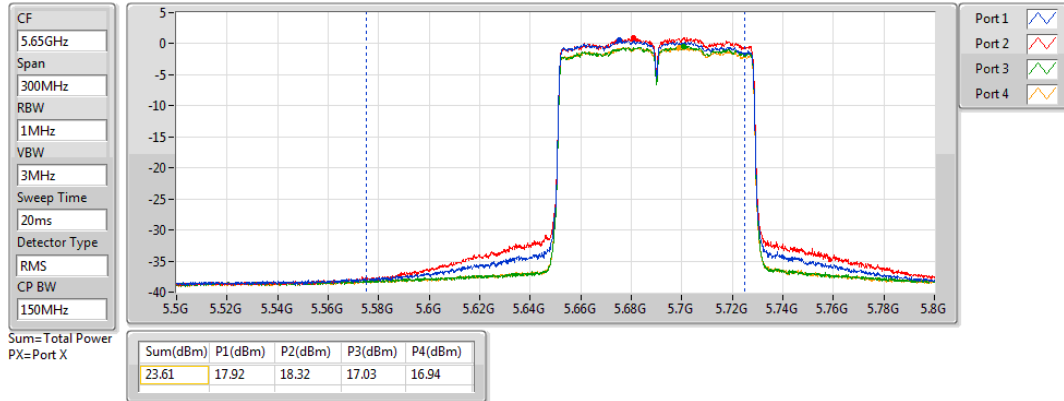


802.11ac VHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

29/10/2019

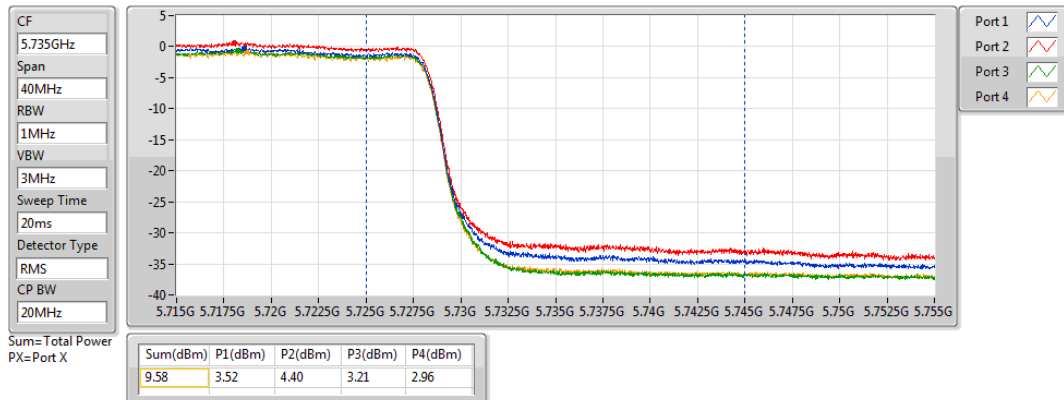


802.11ac VHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

29/10/2019

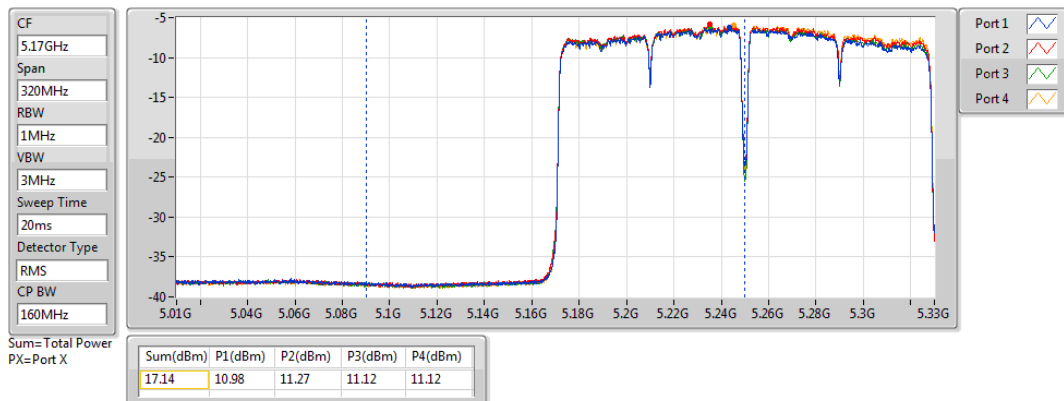


802.11ac VHT160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

29/10/2019

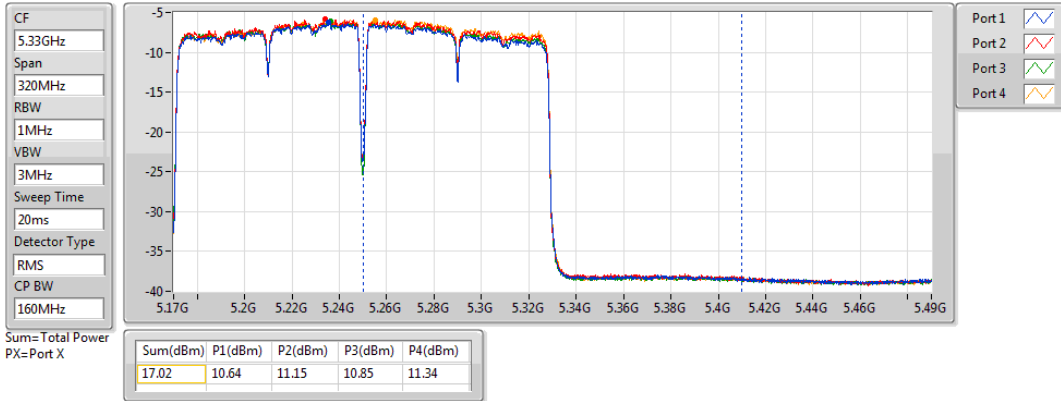


802.11ac VHT160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

29/10/2019

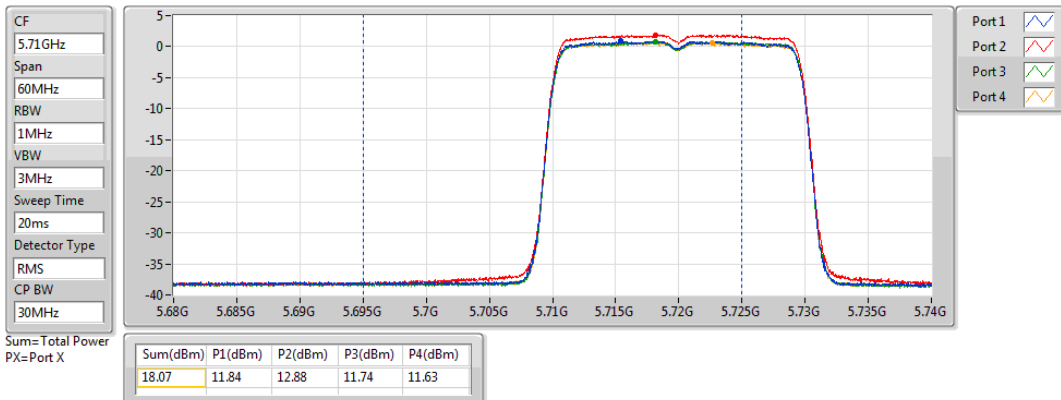


802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

28/10/2019

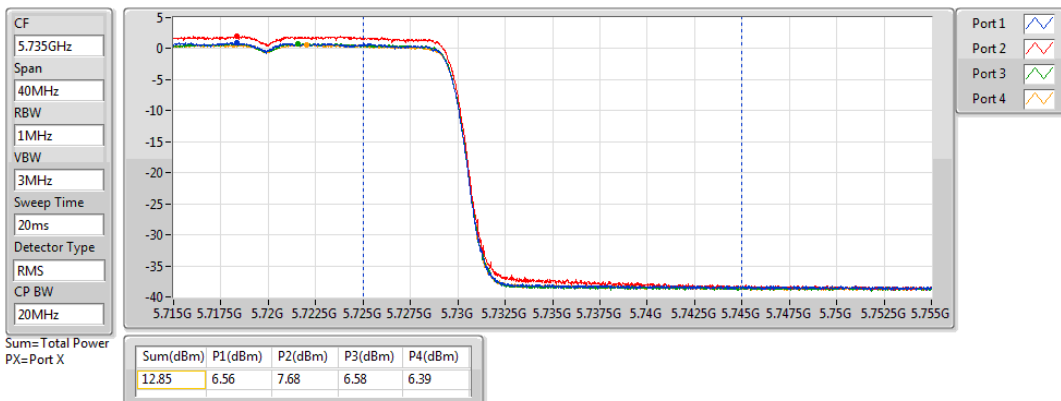


802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

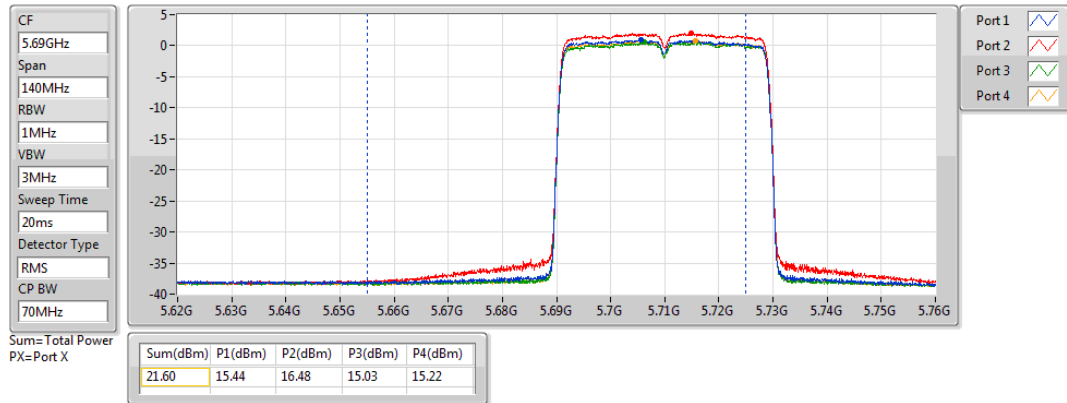
28/10/2019



802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

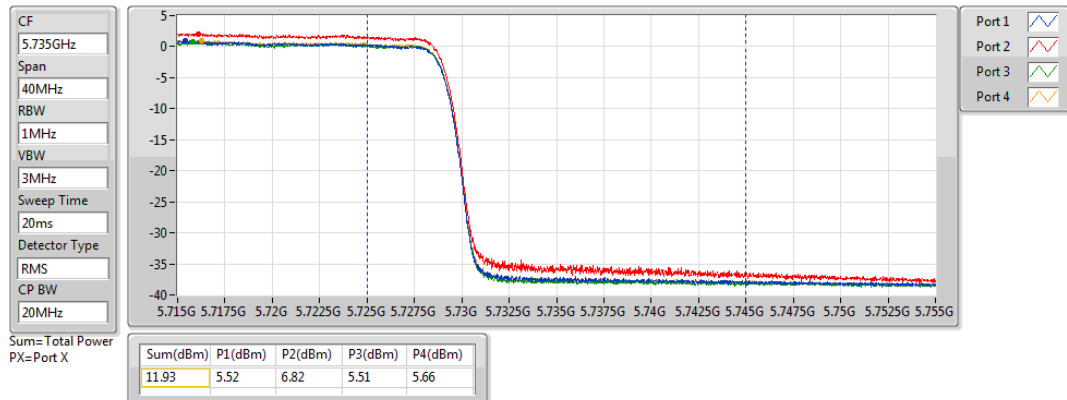
5710MHz Straddle 5.47-5.725GHz



802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

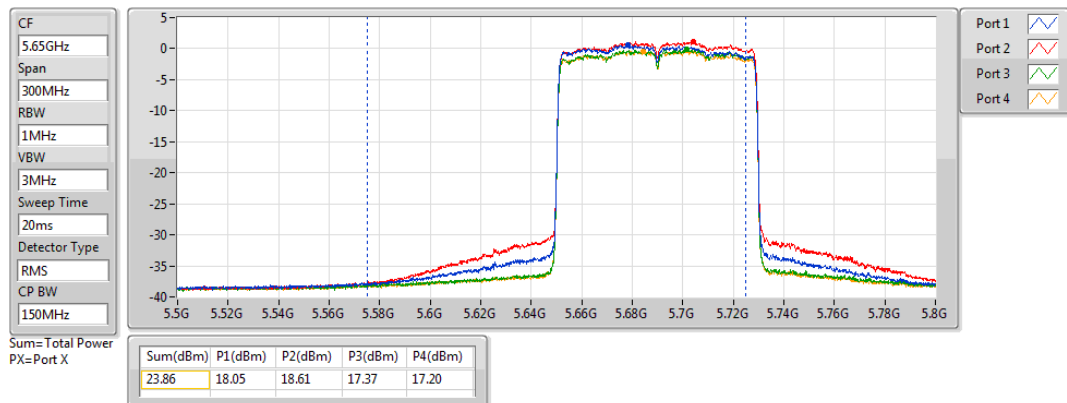
5710MHz Straddle 5.725-5.85GHz



802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

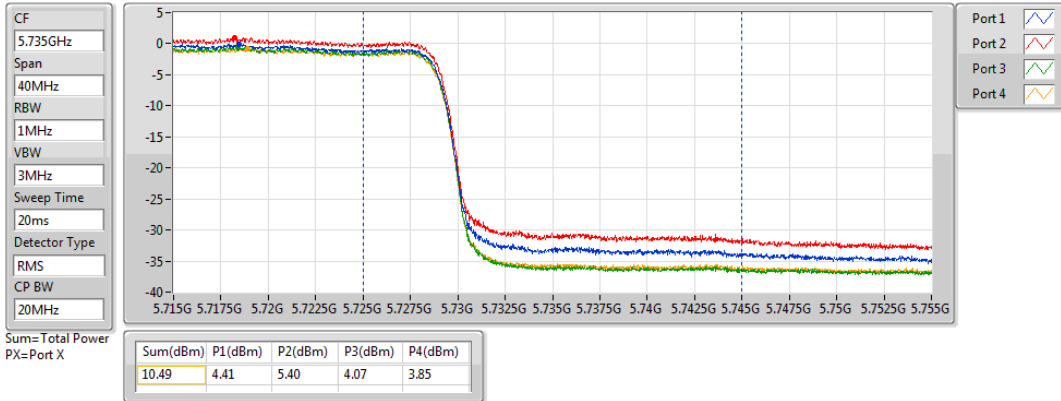


802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

28/10/2019

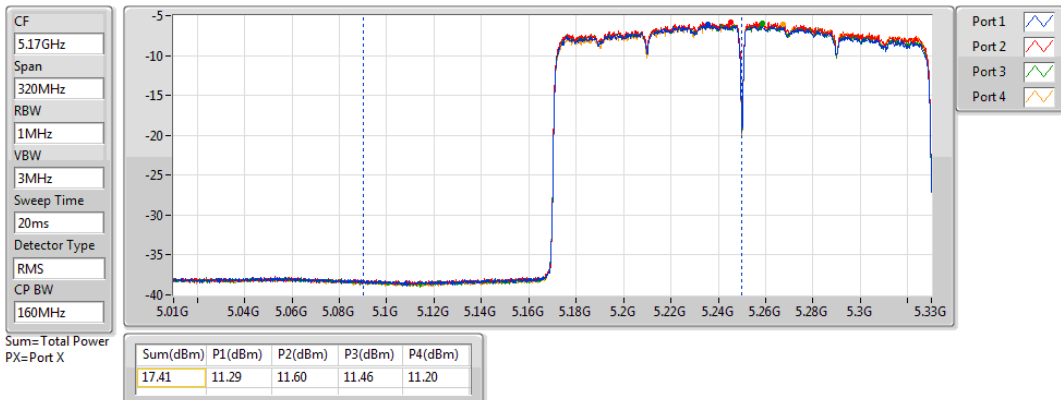


802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

28/10/2019

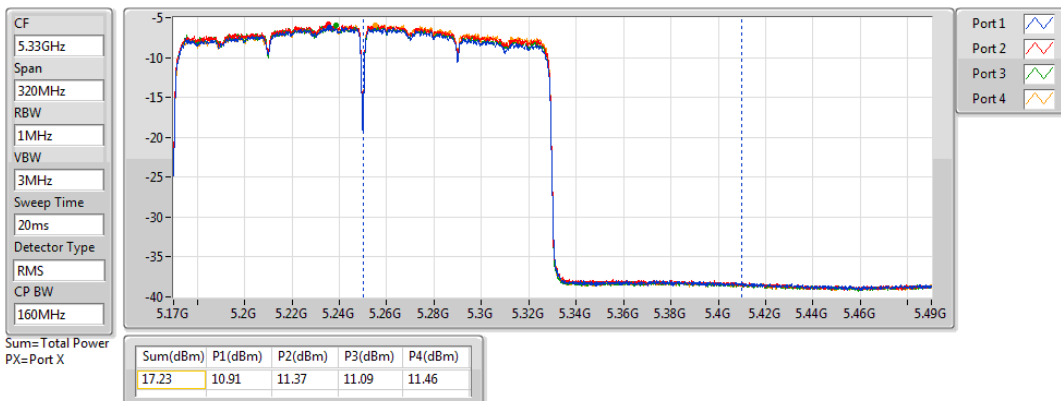


802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

29/10/2019





Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	18.16	0.06546
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	18.51	0.07096
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	18.09	0.06442
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	18.02	0.06339
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	18.21	0.06622
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	18.16	0.06546
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.54	0.07145
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	18.50	0.07079
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	18.56	0.07178
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	18.48	0.07047
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	18.15	0.06531
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	18.43	0.06966
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	18.33	0.06808
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	18.22	0.06637
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.57	0.07194
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	18.51	0.07096
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	18.56	0.07178
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	18.46	0.07015
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	11.71	0.01483
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	7.90	0.00617
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	4.20	0.00263
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	12.35	0.01718
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	8.64	0.00731
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	5.26	0.00336

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	11.38	11.74	10.60	12.54	13.02	18.09	18.60	12
5300MHz	Pass	11.38	11.63	10.54	12.43	12.84	17.97	18.60	12
5320MHz	Pass	11.38	11.63	10.94	12.48	12.90	18.07	18.60	12
5500MHz	Pass	11.38	10.72	13.51	11.62	12.03	18.11	18.60	11.75
5580MHz	Pass	11.38	10.77	13.46	11.45	11.87	18.03	18.60	12
5700MHz	Pass	11.38	11.10	13.34	11.63	12.12	18.15	18.62	10.75
5720MHz Straddle 5.47-5.725GHz	Pass	11.38	10.63	12.78	11.07	11.42	17.57	17.59	10.75
5720MHz Straddle 5.725-5.85GHz	Pass	11.38	4.80	6.97	5.26	5.42	11.71	24.62	10.75
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	11.38	11.99	10.64	12.36	12.70	18.01	18.62	12
5310MHz	Pass	11.38	11.89	10.78	12.21	12.86	18.02	18.62	12
5510MHz	Pass	11.38	11.51	12.32	12.24	12.36	18.14	18.62	12.25
5550MHz	Pass	11.38	11.38	12.26	11.99	12.48	18.07	18.62	12
5670MHz	Pass	11.38	10.93	13.43	11.39	12.18	18.11	18.62	10.75
5710MHz Straddle 5.47-5.725GHz	Pass	11.38	11.49	13.57	11.80	12.48	18.43	18.62	11
5710MHz Straddle 5.725-5.85GHz	Pass	11.38	0.76	3.03	1.42	1.99	7.90	24.62	11
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	11.38	11.62	10.89	12.63	13.23	18.21	18.62	12.25
5530MHz	Pass	11.38	11.29	12.27	12.18	12.27	18.04	18.62	12.25
5610MHz	Pass	11.38	11.62	13.35	11.19	11.72	18.07	18.62	11
5690MHz Straddle 5.47-5.725GHz	Pass	11.38	12.05	13.42	11.41	12.11	18.33	18.62	11
5690MHz Straddle 5.725-5.85GHz	Pass	11.38	-2.32	-0.83	-2.23	-2.09	4.20	24.62	11
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	11.38	11.88	10.22	12.72	13.17	18.16	24.62	14.75
5250MHz Straddle 5.25-5.35GHz	Pass	11.38	11.78	10.90	12.36	13.21	18.16	18.62	14.75
5570MHz	Pass	11.38	11.89	12.23	12.63	11.99	18.22	18.62	12.75
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	11.38	12.22	11.01	12.92	13.35	18.48	18.60	12
5300MHz	Pass	11.38	12.33	11.04	12.84	13.28	18.47	18.60	12
5320MHz	Pass	11.38	12.38	11.30	12.70	13.43	18.54	18.60	12
5500MHz	Pass	11.38	11.26	14.01	11.90	12.53	18.57	18.60	11.75
5580MHz	Pass	11.38	11.27	14.01	11.71	12.41	18.50	18.60	12
5700MHz	Pass	11.38	11.51	13.93	11.88	12.22	18.51	18.60	10.75
5720MHz Straddle 5.47-5.725GHz	Pass	11.38	10.51	12.64	10.84	11.19	17.40	17.57	10.75
5720MHz Straddle 5.725-5.85GHz	Pass	11.38	5.34	7.63	5.85	6.14	12.35	24.62	10.75
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	11.38	12.47	10.95	12.64	13.18	18.41	18.60	12
5310MHz	Pass	11.38	12.62	11.12	12.59	13.32	18.50	18.60	12
5510MHz	Pass	11.38	11.77	12.88	12.24	12.89	18.49	18.60	12.25
5550MHz	Pass	11.38	11.78	12.74	12.45	12.90	18.51	18.60	12
5670MHz	Pass	11.38	11.38	13.71	11.85	12.31	18.42	18.60	10.75
5710MHz Straddle 5.47-5.725GHz	Pass	11.38	11.54	13.62	11.81	12.49	18.46	18.60	11
5710MHz Straddle 5.725-5.85GHz	Pass	11.38	1.62	3.79	2.03	2.72	8.64	24.62	11



Average Power_Radio 2 / Internal Antenna

Appendix B.4

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	11.38	12.06	11.28	13.02	13.46	18.56	18.60	12.25
5530MHz	Pass	11.38	11.76	12.71	12.58	12.99	18.55	18.60	12.25
5610MHz	Pass	11.38	11.97	13.87	11.54	12.22	18.52	18.60	11
5690MHz Straddle 5.47-5.725GHz	Pass	11.38	12.30	13.63	11.67	12.32	18.56	18.60	11
5690MHz Straddle 5.725-5.85GHz	Pass	11.38	-1.31	0.41	-1.36	-1.05	5.26	24.62	11
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	11.38	12.10	11.23	12.92	13.39	18.51	24.62	14.75
5250MHz Straddle 5.25-5.35GHz	Pass	11.38	12.02	11.17	12.68	13.59	18.48	18.60	14.75
5570MHz	Pass	11.38	12.18	12.31	13.00	12.23	18.46	18.60	12.75

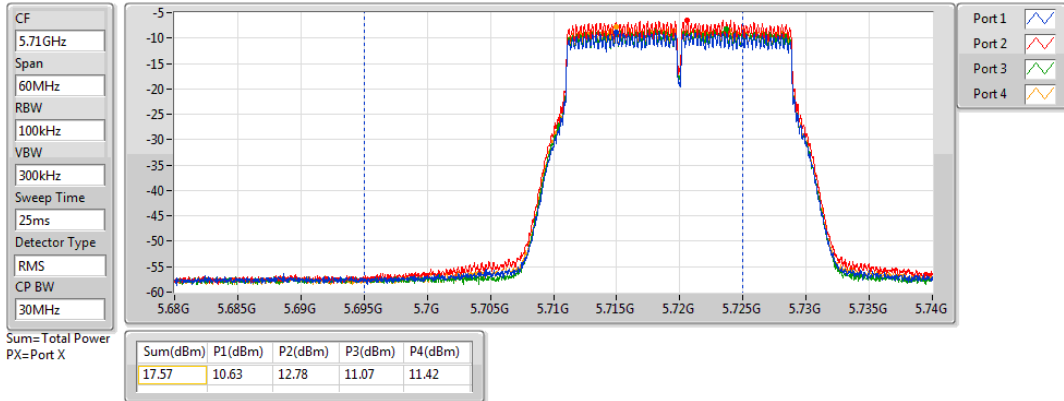
DG = Directional Gain; **Port X** = Port X output power

Note : Conducted setting = Pass conducted setting division 4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

AV Power

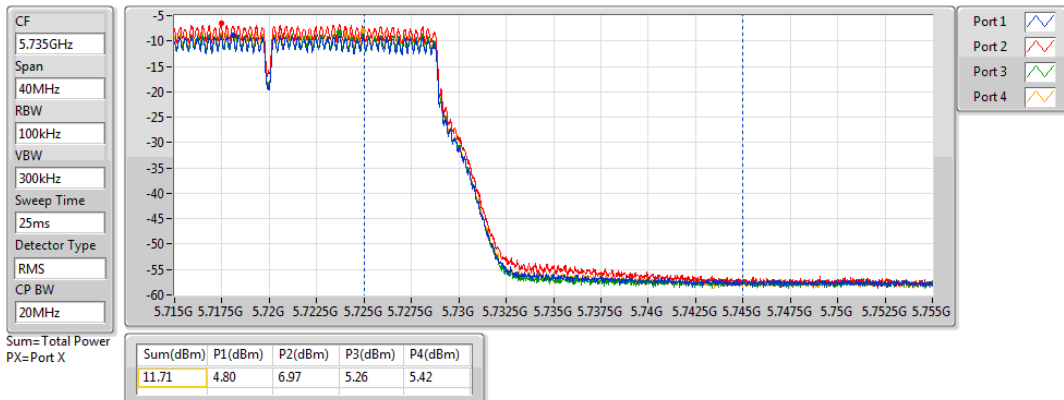
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20-BF_Nss1,(MCS0)_4TX

AV Power

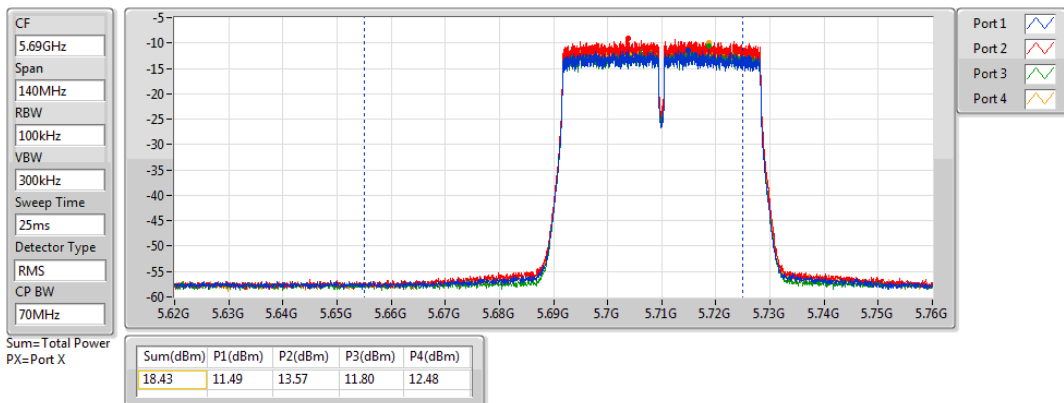
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

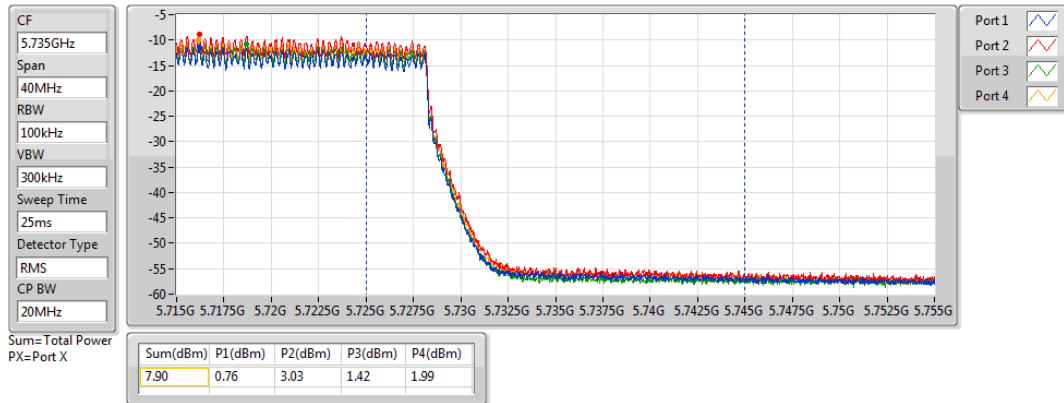


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

01/11/2019

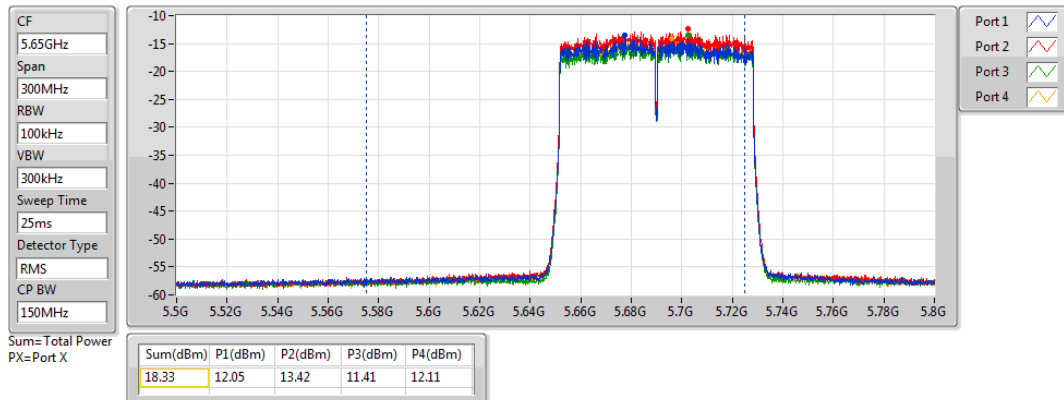


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

01/11/2019

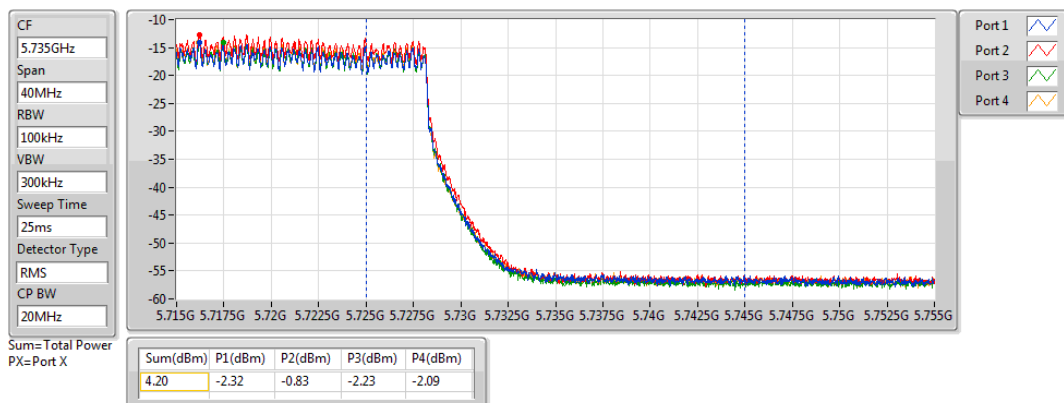


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

01/11/2019

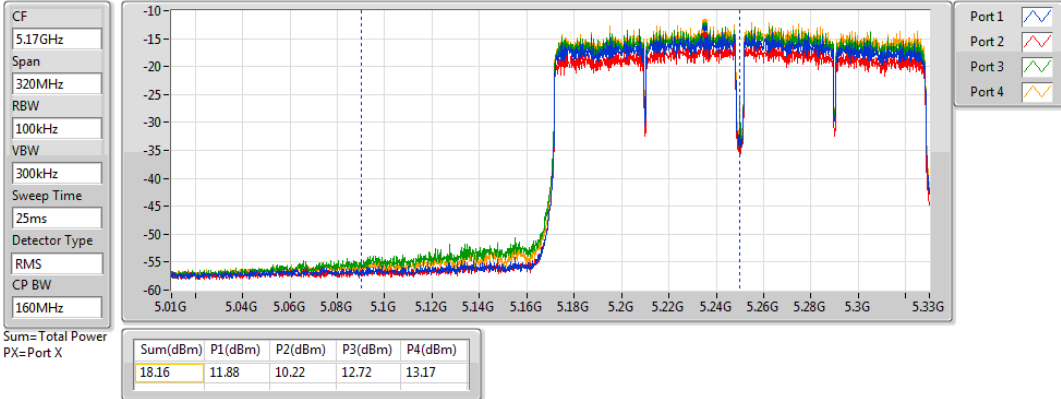


802.11ac VHT160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

01/11/2019

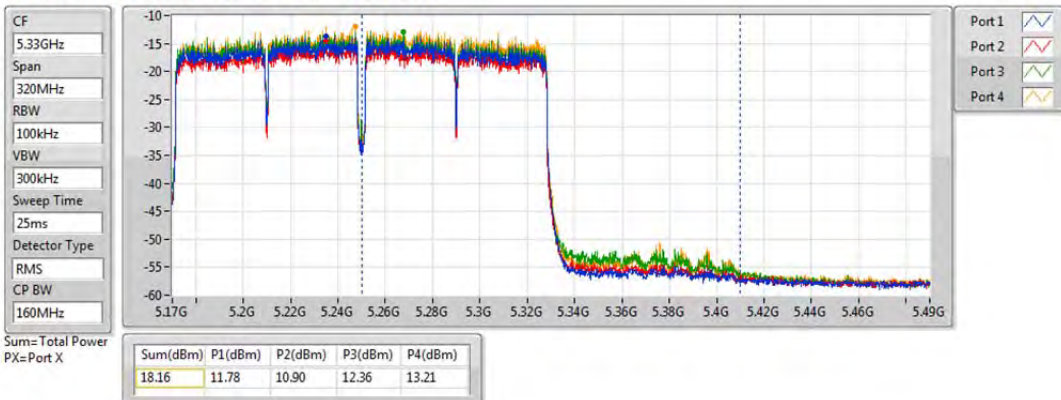


802.11ac VHT160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

01/11/2019

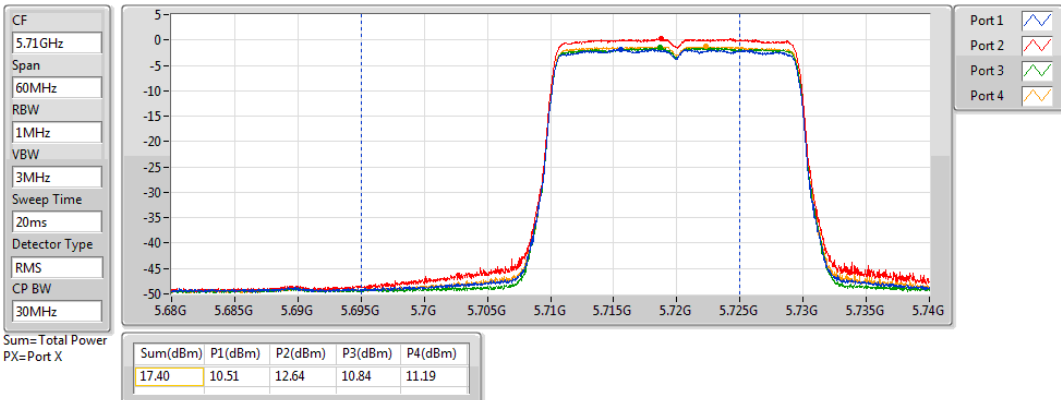


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

01/11/2019

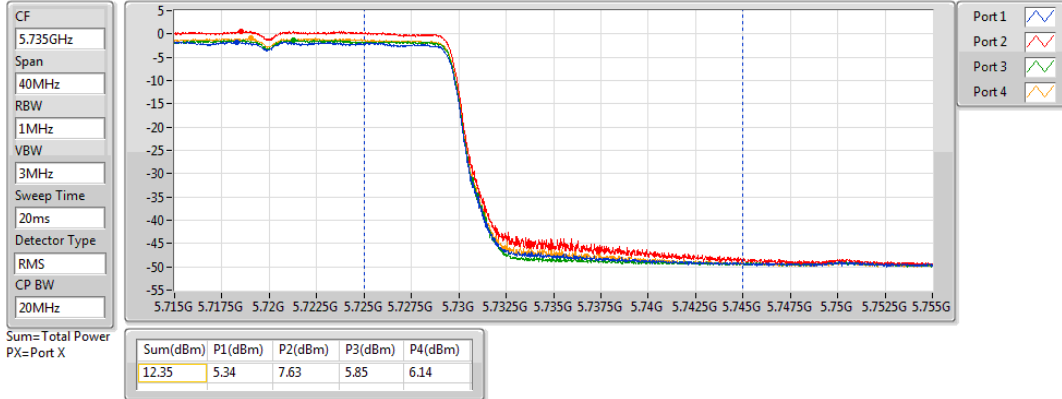


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

01/11/2019

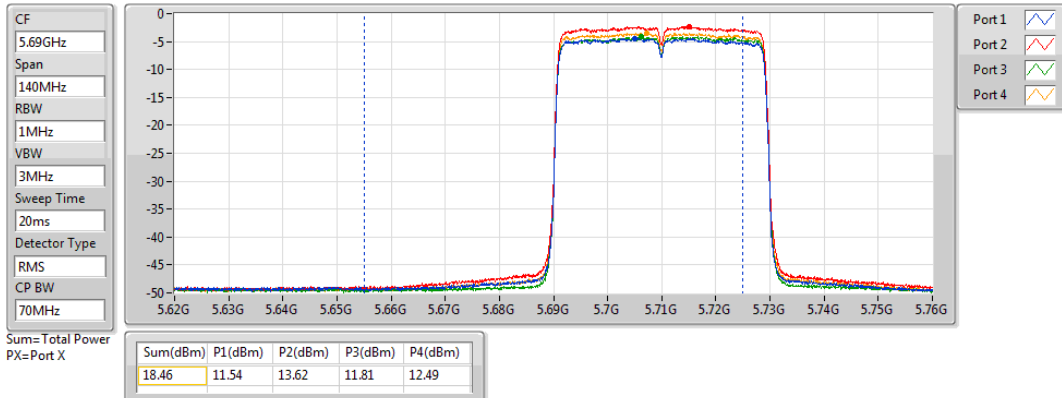


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

01/11/2019

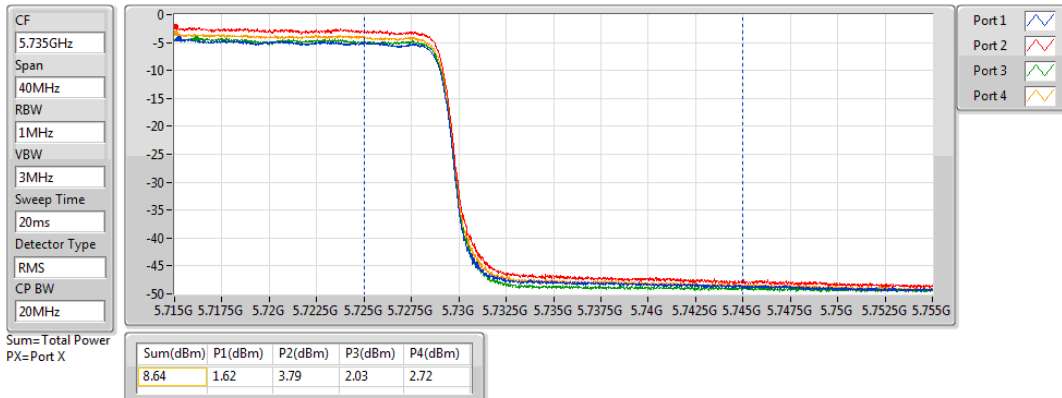


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

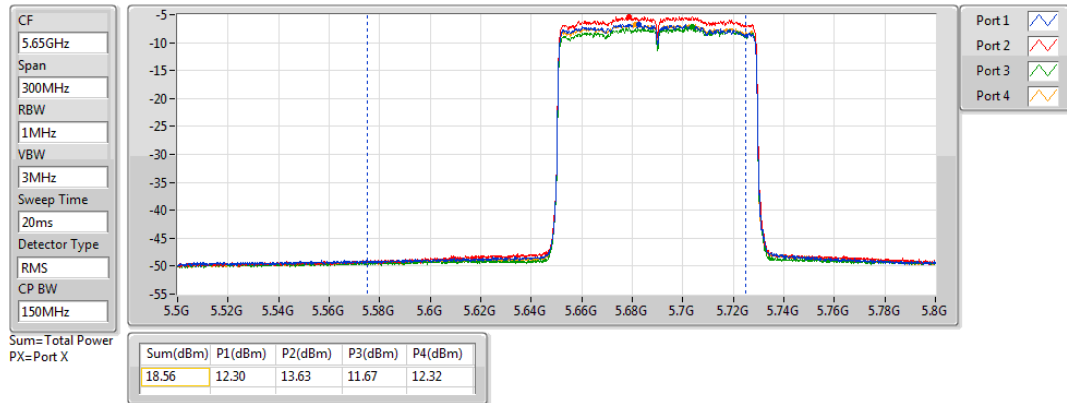
01/11/2019



802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

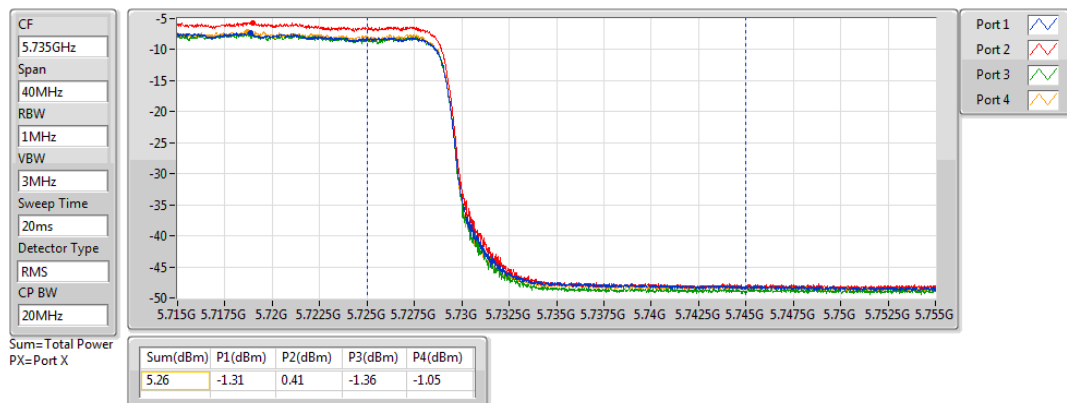
5690MHz Straddle 5.47-5.725GHz



802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

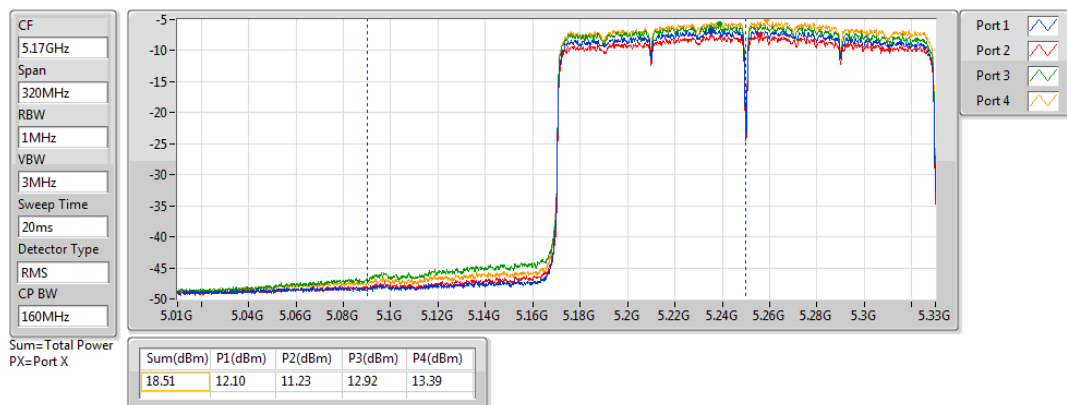
5690MHz Straddle 5.725-5.85GHz



802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

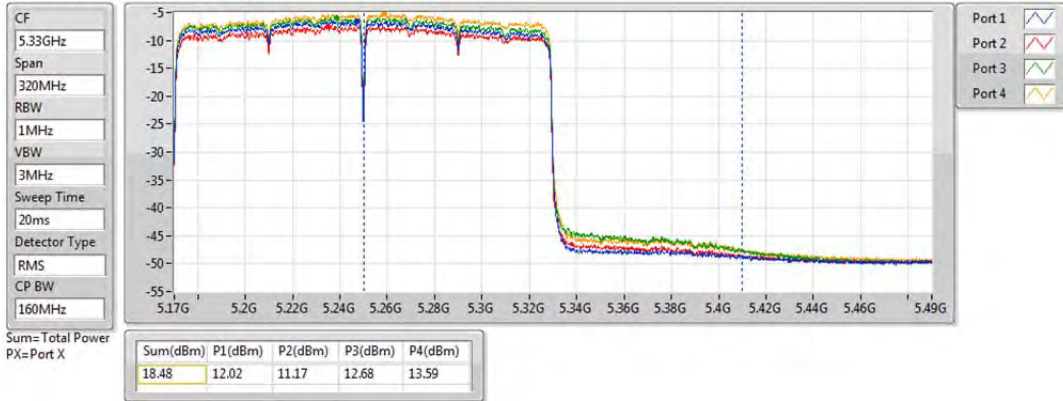


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

01/11/2019



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT160_Nss4,(MCS0)_4TX	16.75	0.04732
802.11ax HEW160_Nss4,(MCS0)_4TX	16.85	0.04842
5.25-5.35GHz	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	23.87	0.24378
802.11ac VHT40_Nss4,(MCS0)_4TX	23.57	0.22751
802.11ac VHT80_Nss4,(MCS0)_4TX	21.16	0.13062
802.11ac VHT160_Nss4,(MCS0)_4TX	16.58	0.04550
802.11ax HEW20_Nss4,(MCS0)_4TX	23.96	0.24889
802.11ax HEW40_Nss4,(MCS0)_4TX	23.83	0.24155
802.11ax HEW80_Nss4,(MCS0)_4TX	21.38	0.13740
802.11ax HEW160_Nss4,(MCS0)_4TX	16.64	0.04613
5.47-5.725GHz	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	23.73	0.23605
802.11ac VHT40_Nss4,(MCS0)_4TX	23.68	0.23335
802.11ac VHT80_Nss4,(MCS0)_4TX	23.71	0.23496
802.11ac VHT160_Nss4,(MCS0)_4TX	20.33	0.10789
802.11ax HEW20_Nss4,(MCS0)_4TX	23.96	0.24889
802.11ax HEW40_Nss4,(MCS0)_4TX	23.91	0.24604
802.11ax HEW80_Nss4,(MCS0)_4TX	23.87	0.24378
802.11ax HEW160_Nss4,(MCS0)_4TX	20.42	0.11015
5.725-5.85GHz	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	16.88	0.04875
802.11ac VHT40_Nss4,(MCS0)_4TX	13.35	0.02163
802.11ac VHT80_Nss4,(MCS0)_4TX	9.58	0.00908
802.11ax HEW20_Nss4,(MCS0)_4TX	17.36	0.05445
802.11ax HEW40_Nss4,(MCS0)_4TX	13.62	0.02301
802.11ax HEW80_Nss4,(MCS0)_4TX	10.35	0.01084

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ac VHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.36	17.94	16.98	18.24	18.12	23.87	23.98	18
5300MHz	Pass	5.36	17.51	17.09	17.89	17.76	23.59	23.98	18
5320MHz	Pass	5.36	17.43	17.40	17.78	17.73	23.61	23.98	18
5500MHz	Pass	5.36	17.39	18.14	17.91	17.34	23.73	23.98	18.5
5580MHz	Pass	5.36	17.44	18.03	17.50	17.27	23.59	23.98	18.25
5700MHz	Pass	5.36	15.00	16.15	14.90	14.92	21.30	23.98	15
5720MHz Straddle 5.47-5.725GHz	Pass	5.36	16.42	17.55	16.37	16.34	22.72	22.96	17.25
5720MHz Straddle 5.725-5.85GHz	Pass	5.36	10.48	11.85	10.62	10.32	16.88	30.00	17.25
802.11ac VHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	5.36	17.46	17.07	17.72	17.91	23.57	23.98	18.25
5310MHz	Pass	5.36	15.27	14.41	15.57	15.50	21.23	23.98	15.75
5510MHz	Pass	5.36	13.56	14.58	13.49	13.61	19.85	23.98	14.75
5550MHz	Pass	5.36	17.36	18.04	17.53	17.67	23.68	23.98	18.5
5670MHz	Pass	5.36	15.88	17.31	15.48	15.48	22.13	23.98	16.25
5710MHz Straddle 5.47-5.725GHz	Pass	5.36	17.32	18.40	17.01	17.40	23.59	23.98	17.5
5710MHz Straddle 5.725-5.85GHz	Pass	5.36	6.87	8.13	7.04	7.16	13.35	30.00	17.5
802.11ac VHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	5.36	14.85	14.56	15.42	15.64	21.16	23.98	15.75
5530MHz	Pass	5.36	15.16	15.93	15.04	14.01	21.11	23.98	16.25
5610MHz	Pass	5.36	17.87	18.61	17.10	16.97	23.71	23.98	18
5690MHz Straddle 5.47-5.725GHz	Pass	5.36	17.82	18.39	16.97	17.02	23.61	23.98	17.5
5690MHz Straddle 5.725-5.85GHz	Pass	5.36	3.50	4.46	3.15	2.96	9.58	30.00	17.5
802.11ac VHT160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.36	10.74	10.81	10.68	10.70	16.75	30.00	13.5
5250MHz Straddle 5.25-5.35GHz	Pass	5.36	10.41	10.50	10.55	10.78	16.58	23.98	13.5
5570MHz	Pass	5.36	14.97	14.78	13.62	13.71	20.33	23.98	15.5
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.36	18.07	17.11	18.22	18.15	23.93	23.98	18
5300MHz	Pass	5.36	17.80	17.20	18.11	18.04	23.82	23.98	18
5320MHz	Pass	5.36	18.06	17.33	18.20	18.13	23.96	23.98	18
5500MHz	Pass	5.36	17.87	18.23	17.90	17.74	23.96	23.98	18.5
5580MHz	Pass	5.36	17.71	18.20	17.73	17.56	23.83	23.98	18.25
5700MHz	Pass	5.36	15.12	16.35	15.09	15.21	21.50	23.98	15
5720MHz Straddle 5.47-5.725GHz	Pass	5.36	16.64	17.79	16.53	16.42	22.90	22.93	17.25
5720MHz Straddle 5.725-5.85GHz	Pass	5.36	11.06	12.26	10.94	10.96	17.36	30.00	17.25
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	5.36	17.91	17.23	18.05	17.98	23.83	23.98	18.25
5310MHz	Pass	5.36	15.65	14.71	15.53	15.61	21.41	23.98	15.75
5510MHz	Pass	5.36	13.89	14.69	13.85	13.78	20.09	23.98	14.75
5550MHz	Pass	5.36	17.64	18.20	17.81	17.68	23.86	23.98	18.5
5670MHz	Pass	5.36	16.17	17.33	15.76	16.35	22.46	23.98	16.25
5710MHz Straddle 5.47-5.725GHz	Pass	5.36	17.75	18.72	17.45	17.52	23.91	23.98	17.5
5710MHz Straddle 5.725-5.85GHz	Pass	5.36	7.18	8.61	7.15	7.26	13.62	30.00	17.5



Average Power_Radio 2 / Internal Antenna

Appendix B.5

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	5.36	15.07	14.66	15.86	15.73	21.38	23.98	15.75
5530MHz	Pass	5.36	15.45	15.99	15.04	14.19	21.24	23.98	16.25
5610MHz	Pass	5.36	17.99	18.70	17.39	17.06	23.85	23.98	18
5690MHz Straddle 5.47-5.725GHz	Pass	5.36	18.06	18.62	17.40	17.18	23.87	23.98	17.5
5690MHz Straddle 5.725-5.85GHz	Pass	5.36	4.21	5.18	4.10	3.69	10.35	30.00	17.5
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.36	10.75	10.88	10.89	10.81	16.85	30.00	13.5
5250MHz Straddle 5.25-5.35GHz	Pass	5.36	10.45	10.67	10.48	10.85	16.64	23.98	13.5
5570MHz	Pass	5.36	15.03	14.95	13.68	13.74	20.42	23.98	15.5

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

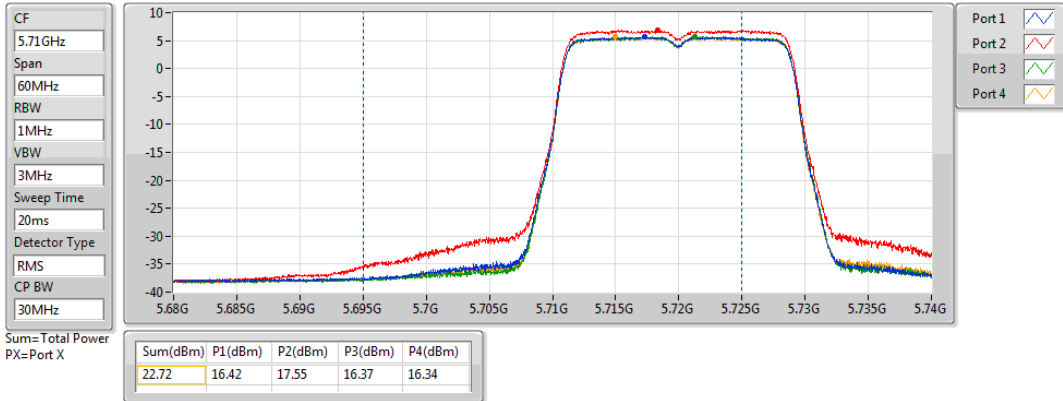
Note : **Conducted setting** = Pass conducted setting division 4

802.11ac VHT20_Nss4,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

29/10/2019

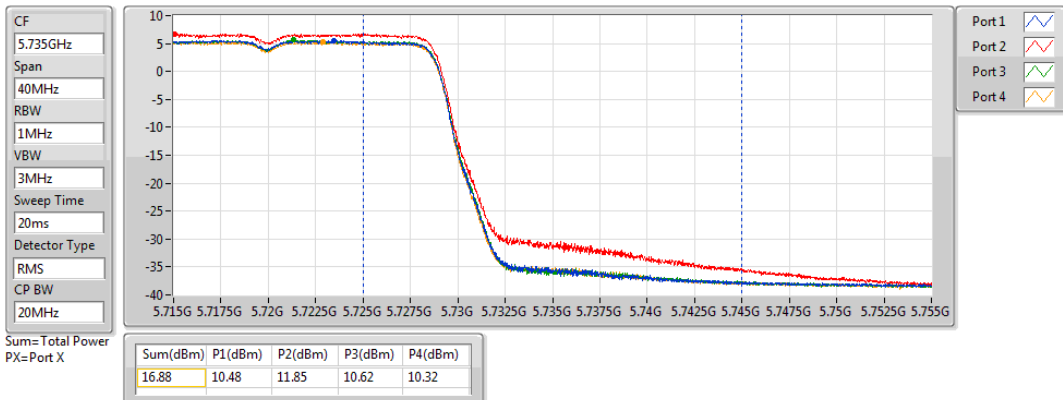


802.11ac VHT20_Nss4,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

29/10/2019

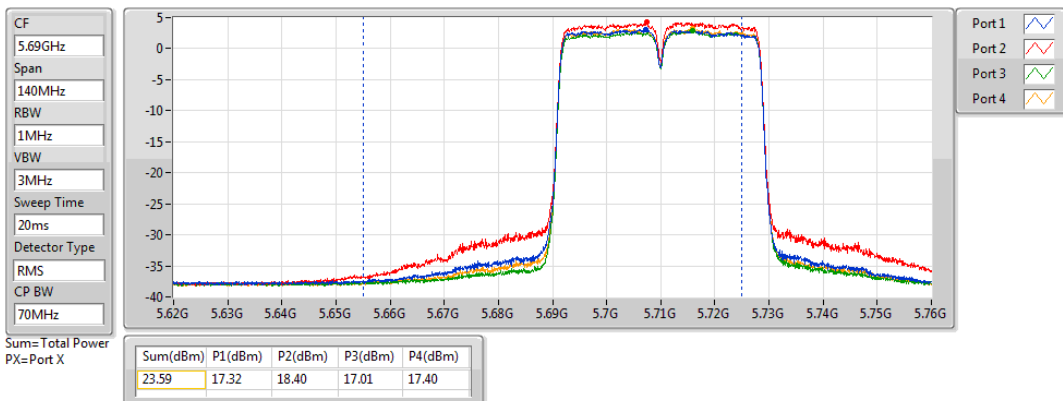


802.11ac VHT40_Nss4,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

29/10/2019

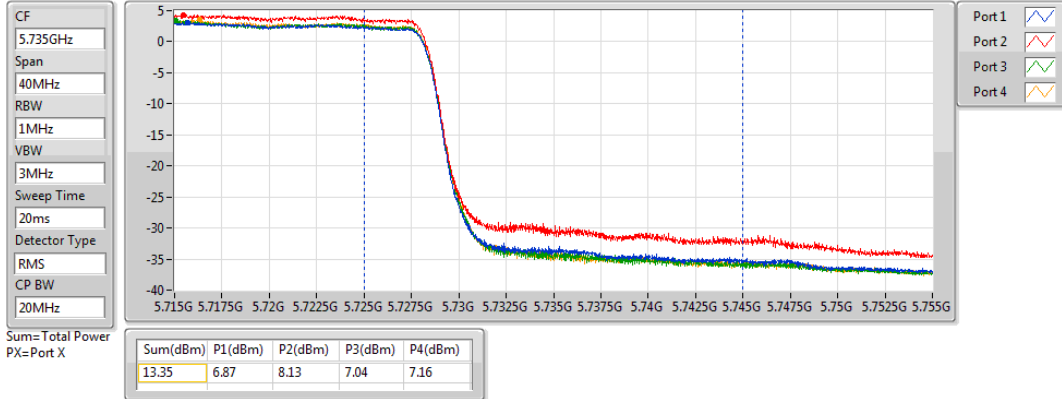


802.11ac VHT40_Nss4,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

29/10/2019

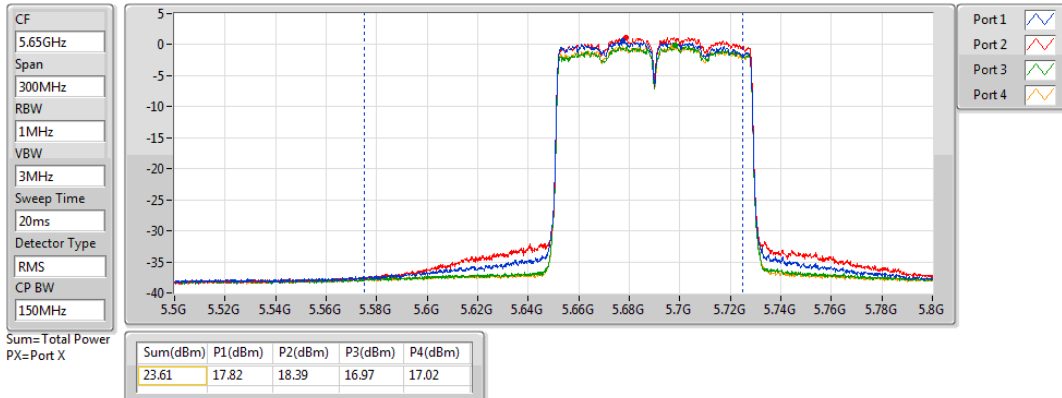


802.11ac VHT80_Nss4,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

29/10/2019

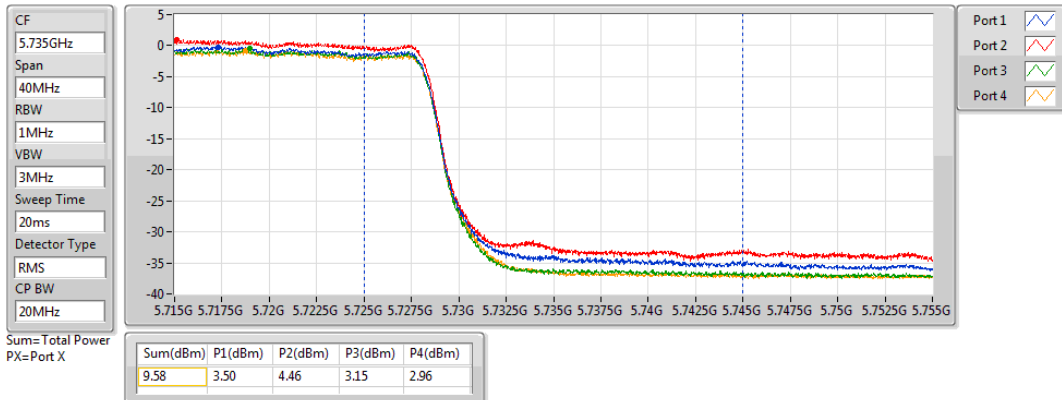


802.11ac VHT80_Nss4,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

29/10/2019

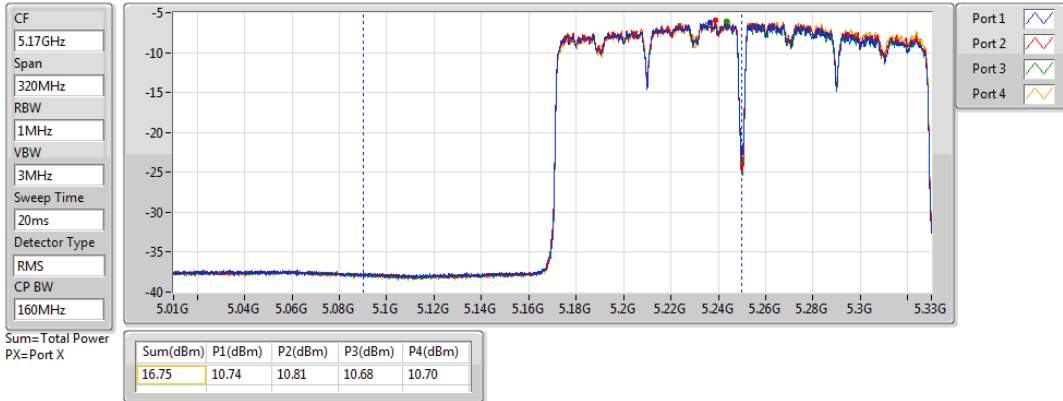


802.11ac VHT160_Nss4,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

29/10/2019

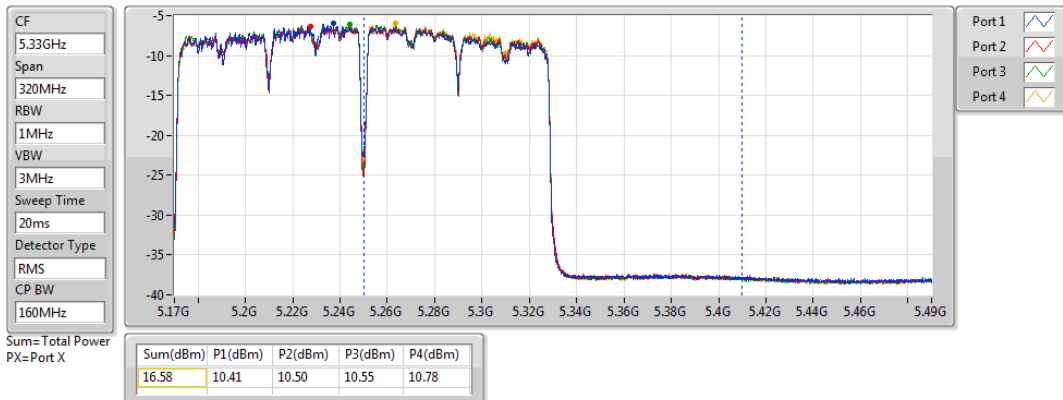


802.11ac VHT160_Nss4,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

29/10/2019

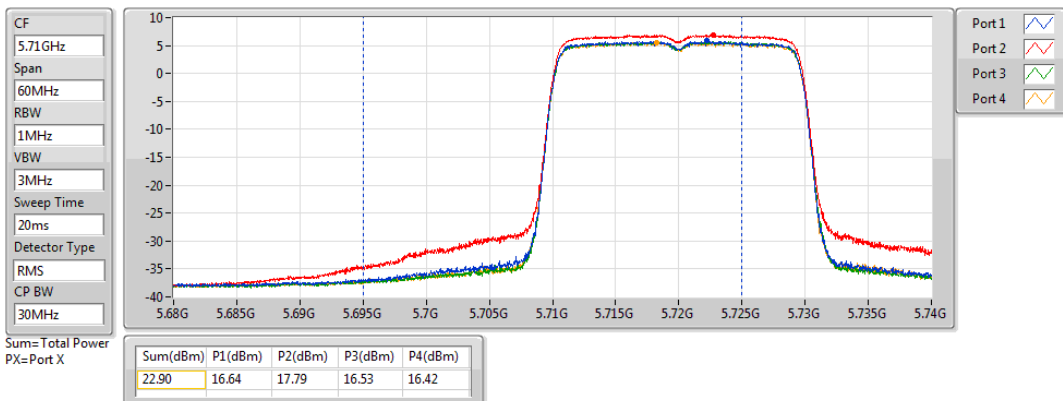


802.11ax HEW20_Nss4,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

29/10/2019

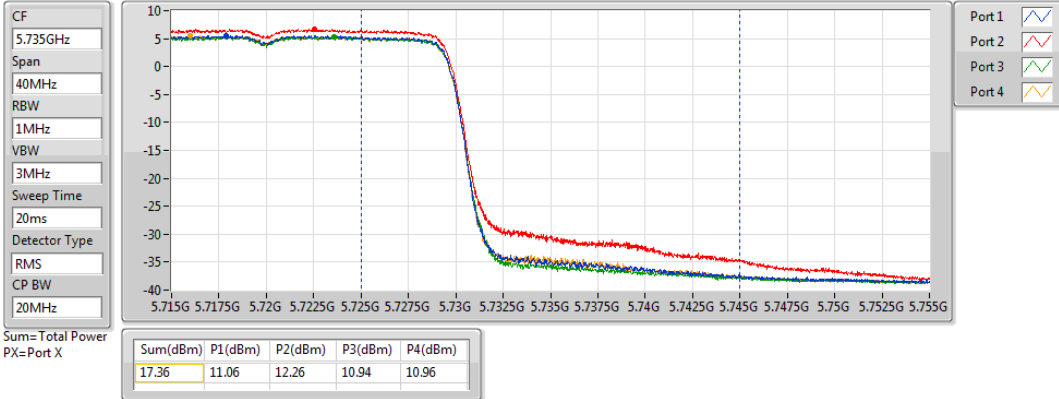


802.11ax HEW20_Nss4,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

29/10/2019

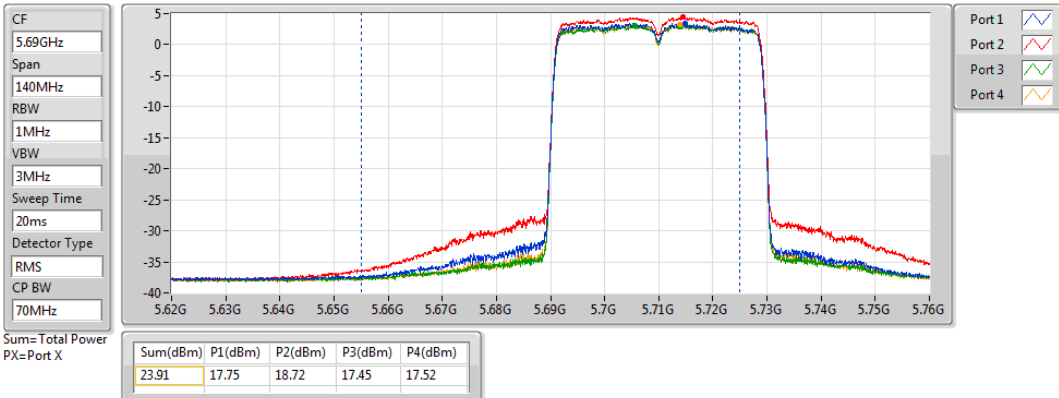


802.11ax HEW40_Nss4,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

29/10/2019

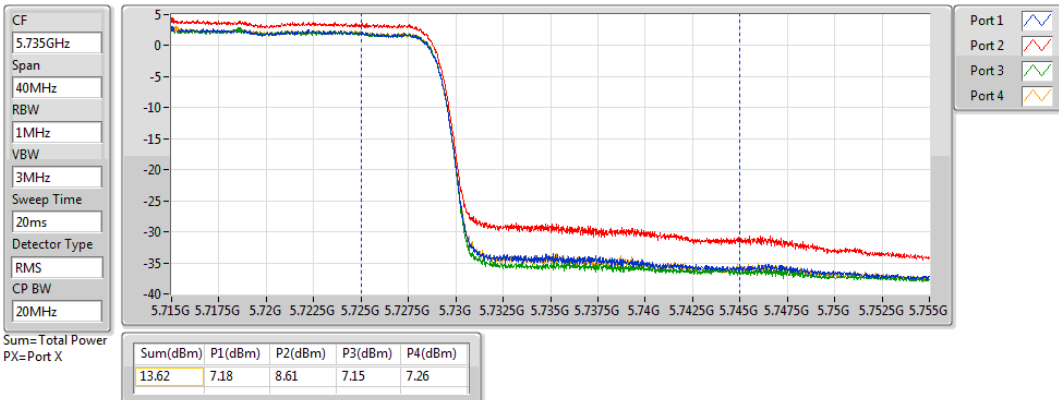


802.11ax HEW40_Nss4,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

29/10/2019

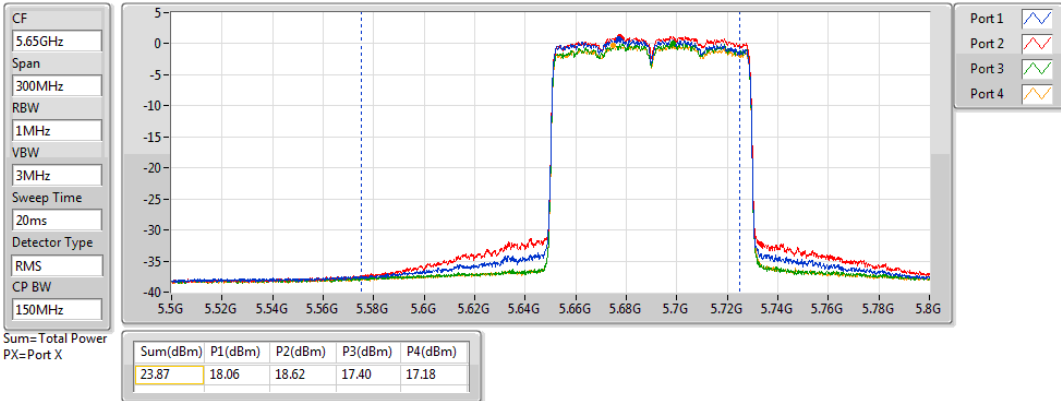


802.11ax HEW80_Nss4,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

29/10/2019

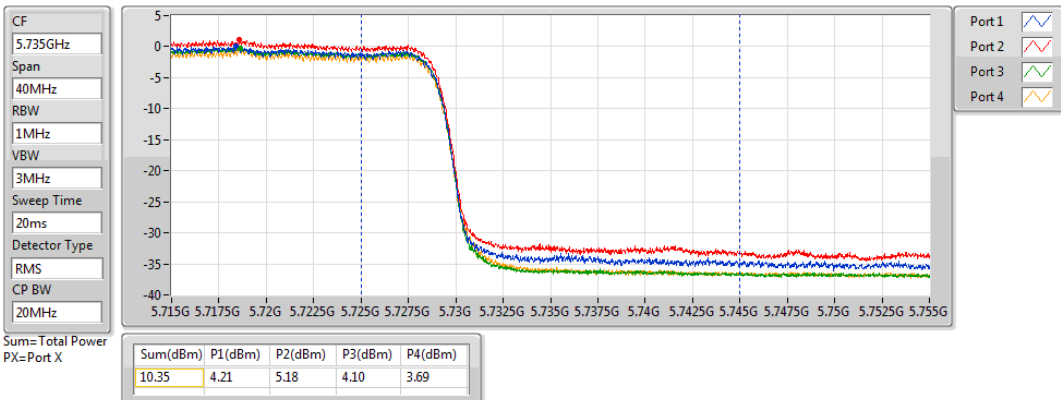


802.11ax HEW80_Nss4,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

29/10/2019

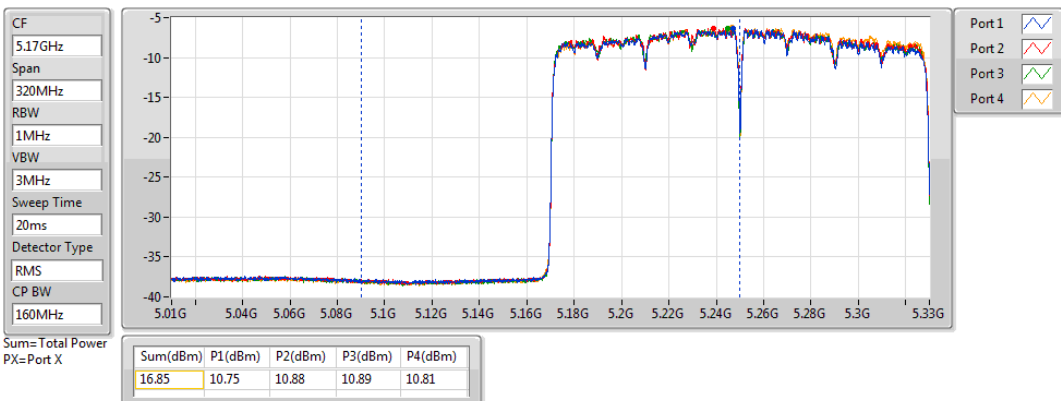


802.11ax HEW160_Nss4,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

29/10/2019

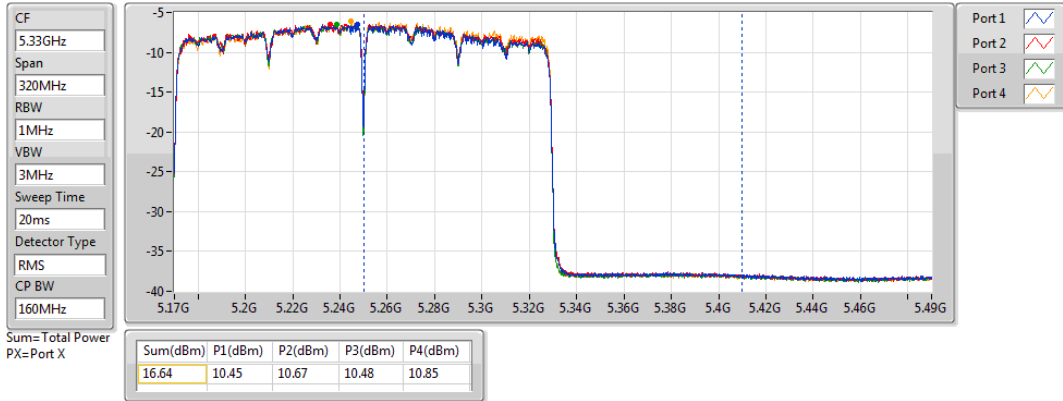


802.11ax HEW160_Nss4,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

29/10/2019



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT160_Nss1,(MCS0)_1TX	11.49	0.01409
802.11ax HEW160_Nss1,(MCS0)_1TX	11.54	0.01426
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	20.85	0.12162
802.11ac VHT20_Nss1,(MCS0)_1TX	20.39	0.10940
802.11ac VHT40_Nss1,(MCS0)_1TX	19.66	0.09247
802.11ac VHT80_Nss1,(MCS0)_1TX	15.44	0.03499
802.11ac VHT160_Nss1,(MCS0)_1TX	11.53	0.01422
802.11ax HEW20_Nss1,(MCS0)_1TX	20.44	0.11066
802.11ax HEW40_Nss1,(MCS0)_1TX	19.84	0.09638
802.11ax HEW80_Nss1,(MCS0)_1TX	15.72	0.03733
802.11ax HEW160_Nss1,(MCS0)_1TX	11.54	0.01426
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	21.63	0.14555
802.11ac VHT20_Nss1,(MCS0)_1TX	21.41	0.13836
802.11ac VHT40_Nss1,(MCS0)_1TX	20.80	0.12023
802.11ac VHT80_Nss1,(MCS0)_1TX	20.88	0.12246
802.11ac VHT160_Nss1,(MCS0)_1TX	12.11	0.01626
802.11ax HEW20_Nss1,(MCS0)_1TX	21.54	0.14256
802.11ax HEW40_Nss1,(MCS0)_1TX	20.92	0.12359
802.11ax HEW80_Nss1,(MCS0)_1TX	20.97	0.12503
802.11ax HEW160_Nss1,(MCS0)_1TX	12.44	0.01754
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	13.71	0.02350
802.11ac VHT20_Nss1,(MCS0)_1TX	13.70	0.02344
802.11ac VHT40_Nss1,(MCS0)_1TX	10.34	0.01081
802.11ac VHT80_Nss1,(MCS0)_1TX	7.04	0.00506
802.11ax HEW20_Nss1,(MCS0)_1TX	14.19	0.02624
802.11ax HEW40_Nss1,(MCS0)_1TX	10.78	0.01197
802.11ax HEW80_Nss1,(MCS0)_1TX	7.47	0.00558

**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	20.36	20.36	21.98	21.25
5300MHz	Pass	8.00	20.85	20.85	21.98	21.5
5320MHz	Pass	8.00	18.30	18.30	21.98	19
5500MHz	Pass	8.00	14.05	14.05	21.98	14.75
5580MHz	Pass	8.00	21.63	21.63	21.98	22.5
5700MHz	Pass	8.00	14.04	14.04	21.98	14.75
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	19.88	19.88	21.98	21.25
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	13.71	13.71	28.00	21.25
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5260MHz	Pass	8.00	20.35	20.35	21.98	21.25
5300MHz	Pass	8.00	20.39	20.39	21.98	21.25
5320MHz	Pass	8.00	17.27	17.27	21.98	17.75
5500MHz	Pass	8.00	15.04	15.04	21.98	15.75
5580MHz	Pass	8.00	21.41	21.41	21.98	22.25
5700MHz	Pass	8.00	11.59	11.59	21.98	12.25
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	19.38	19.38	21.98	20.75
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	13.70	13.70	28.00	20.75
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5270MHz	Pass	8.00	19.66	19.66	21.98	20.25
5310MHz	Pass	8.00	15.01	15.01	21.98	16
5510MHz	Pass	8.00	14.30	14.30	21.98	15
5550MHz	Pass	8.00	20.80	20.80	21.98	21.25
5670MHz	Pass	8.00	16.25	16.25	21.98	17.25
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	20.21	20.21	21.98	21.25
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	10.34	10.34	28.00	21.25
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5290MHz	Pass	8.00	15.44	15.44	21.98	16.25
5530MHz	Pass	8.00	14.44	14.44	21.98	15.25
5610MHz	Pass	8.00	19.11	19.11	21.98	19.5
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	20.88	20.88	21.98	21.5
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	7.04	7.04	28.00	21.5
802.11ac VHT160_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.00	11.49	11.49	28.00	14.75
5250MHz Straddle 5.25-5.35GHz	Pass	8.00	11.53	11.53	21.98	14.75
5570MHz	Pass	8.00	12.11	12.11	21.98	13
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5260MHz	Pass	8.00	20.36	20.36	21.98	21.25
5300MHz	Pass	8.00	20.44	20.44	21.98	21.25
5320MHz	Pass	8.00	17.31	17.31	21.98	17.75
5500MHz	Pass	8.00	15.05	15.05	21.98	15.75
5580MHz	Pass	8.00	21.54	21.54	21.98	22.25
5700MHz	Pass	8.00	11.63	11.63	21.98	12.25
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	19.45	19.45	21.98	20.75



Average Power_Radio 2 / External Antenna 7

Appendix B.6

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	14.19	14.19	28.00	20.75
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5270MHz	Pass	8.00	19.84	19.84	21.98	20.25
5310MHz	Pass	8.00	15.35	15.35	21.98	16
5510MHz	Pass	8.00	14.36	14.36	21.98	15
5550MHz	Pass	8.00	20.92	20.92	21.98	21.25
5670MHz	Pass	8.00	16.31	16.31	21.98	17.25
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	20.32	20.32	21.98	21.25
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	10.78	10.78	28.00	21.25
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5290MHz	Pass	8.00	15.72	15.72	21.98	16.25
5530MHz	Pass	8.00	14.49	14.49	21.98	15.25
5610MHz	Pass	8.00	19.34	19.34	21.98	19.5
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	20.97	20.97	21.98	21.5
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	7.47	7.47	28.00	21.5
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.00	11.54	11.54	28.00	14.75
5250MHz Straddle 5.25-5.35GHz	Pass	8.00	11.54	11.54	21.98	14.75
5570MHz	Pass	8.00	12.44	12.44	21.98	13

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

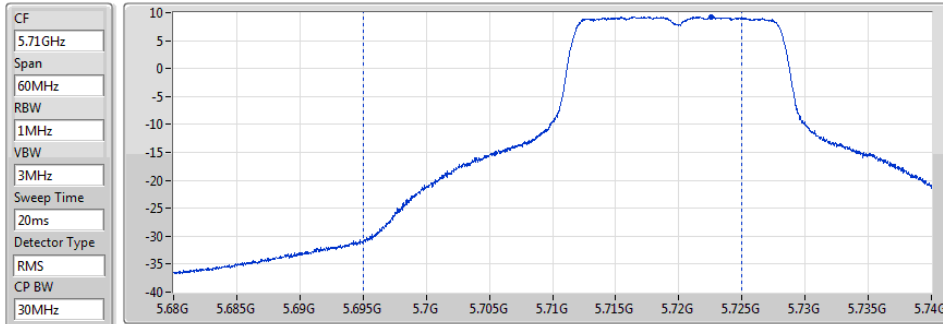
Note : Conducted setting = Pass conducted setting division 4

802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

02/11/2019

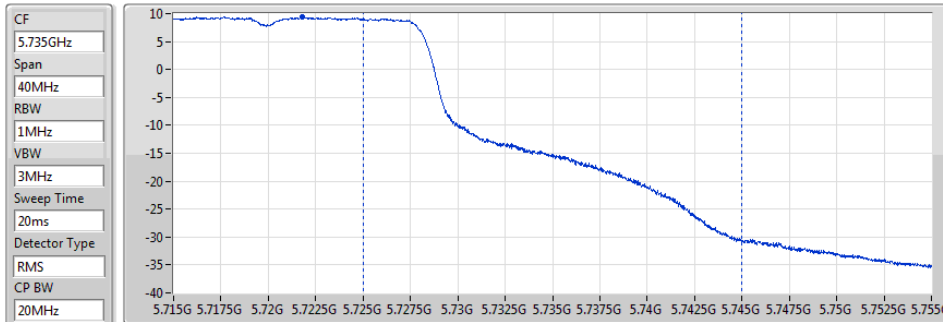


802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

02/11/2019

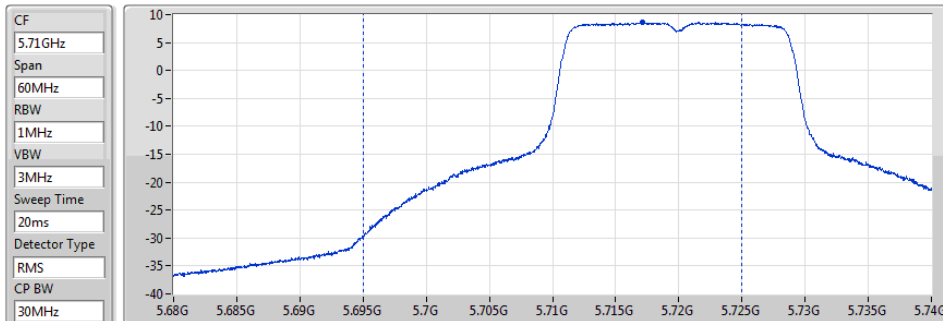


802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

02/11/2019

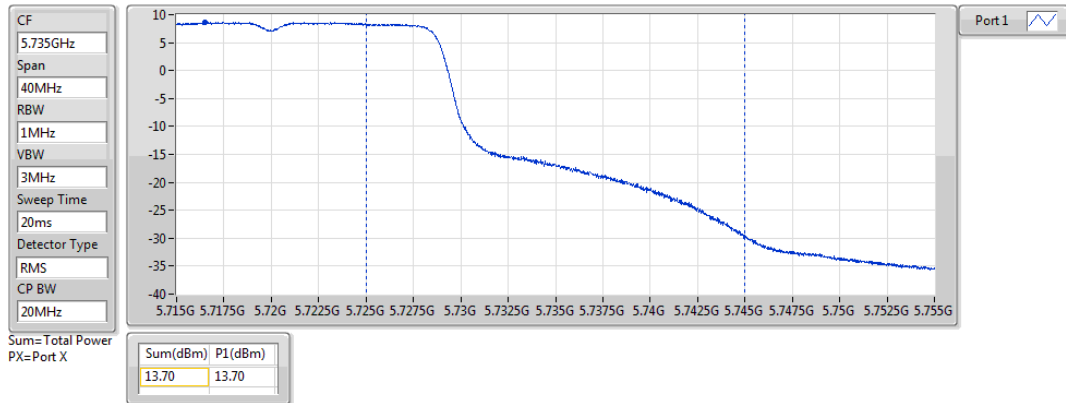


802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

02/11/2019

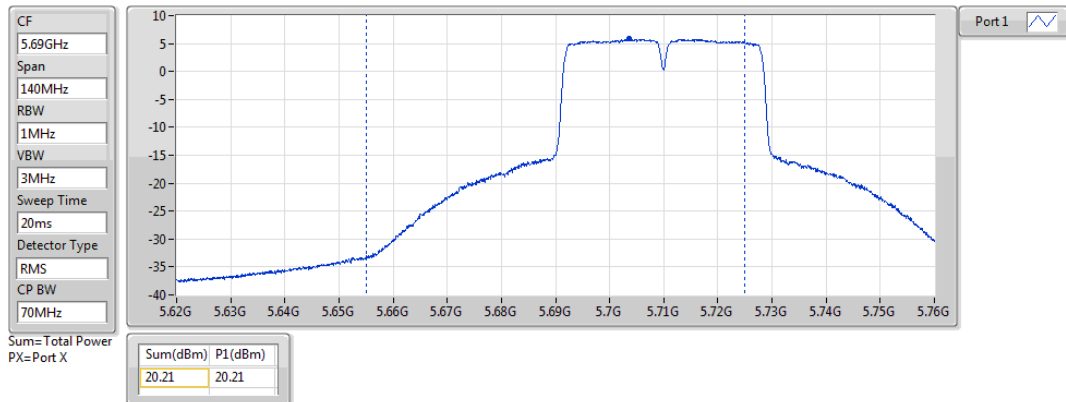


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

02/11/2019

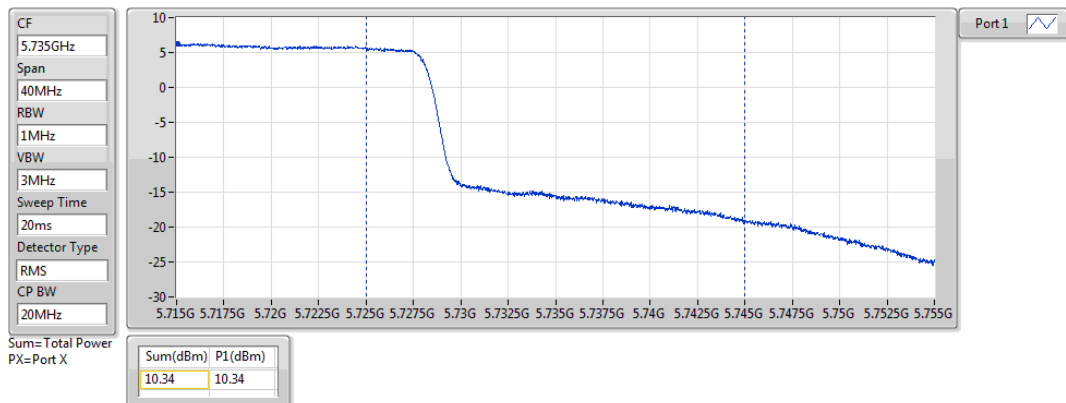


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

02/11/2019

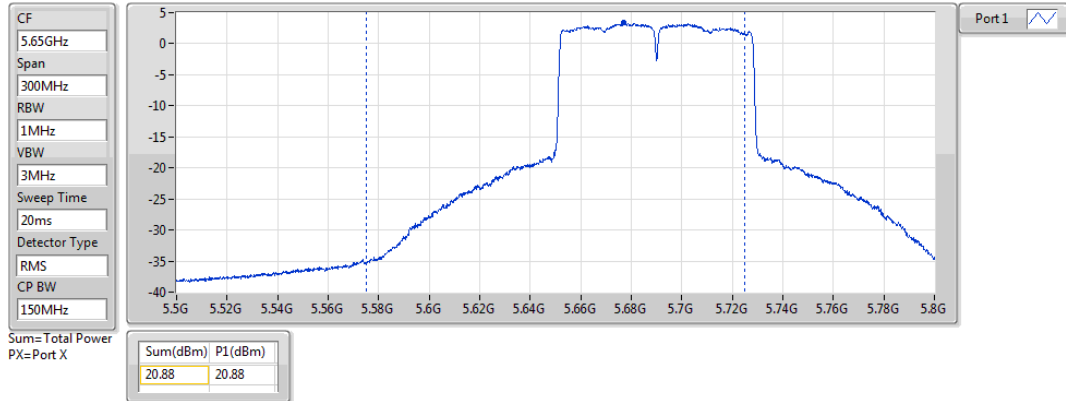


802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz

02/11/2019

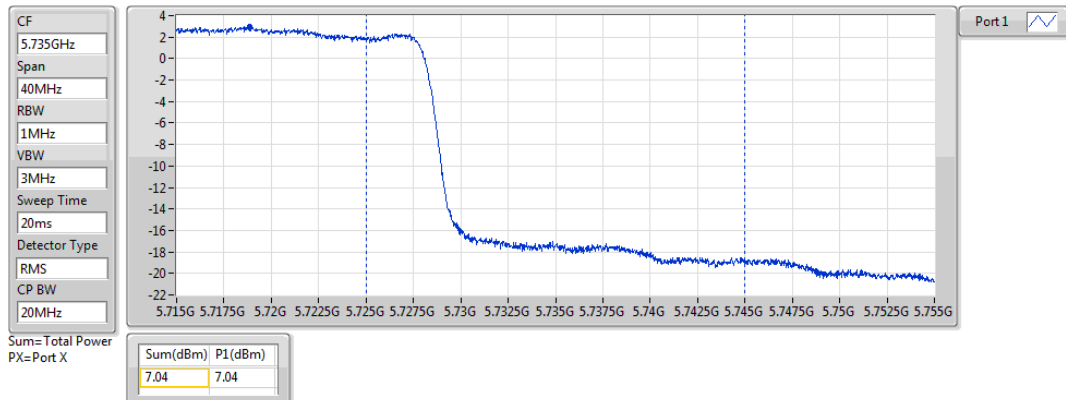


802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

02/11/2019

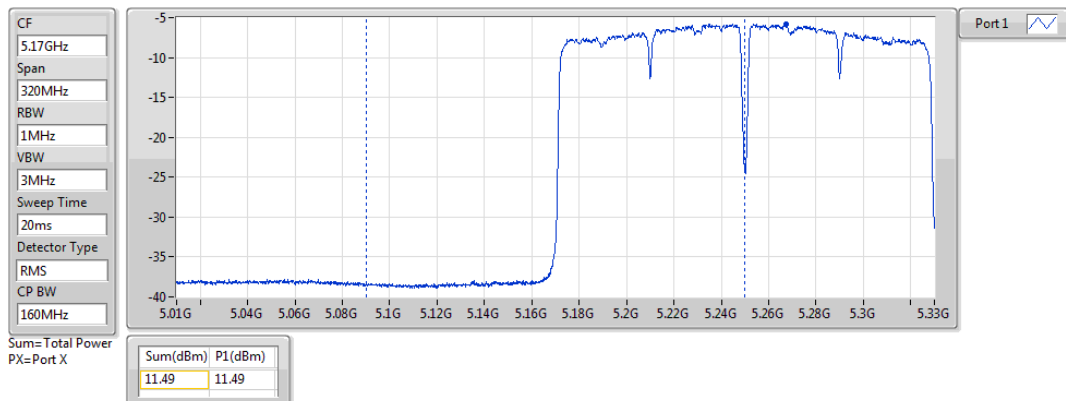


802.11ac VHT160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.15-5.25GHz

02/11/2019

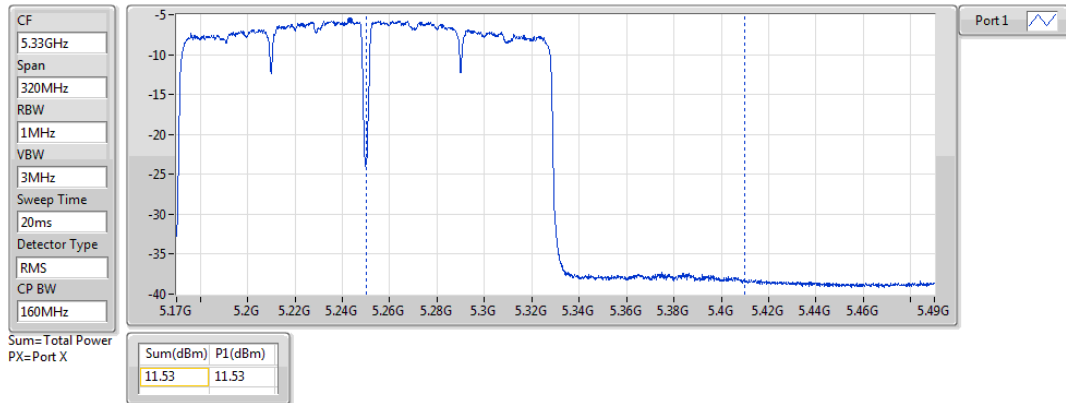


802.11ac VHT160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.25-5.35GHz

02/11/2019

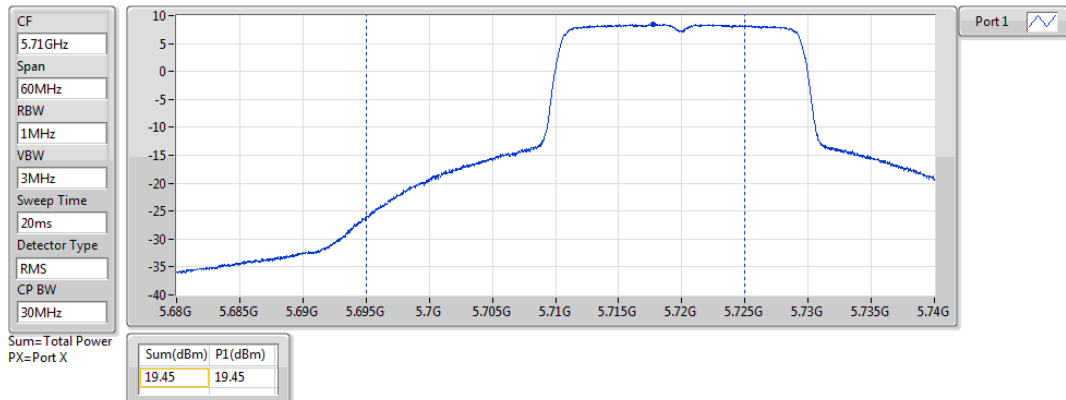


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

02/11/2019

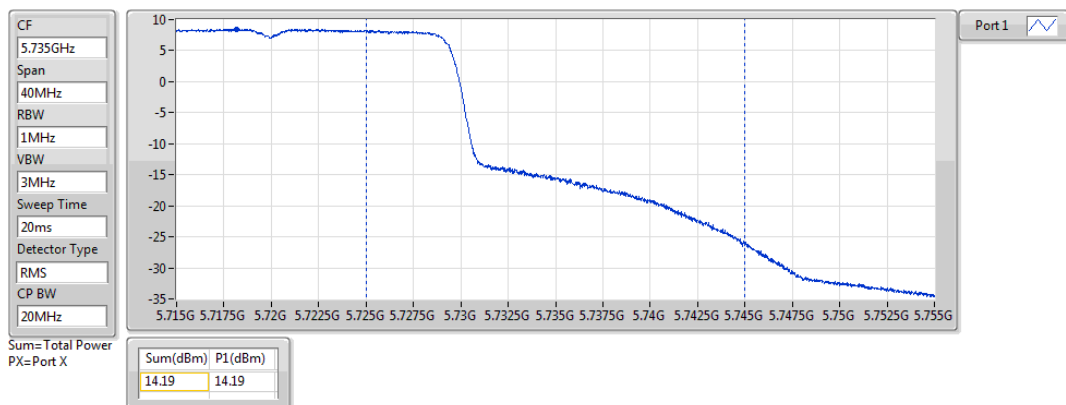


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

02/11/2019

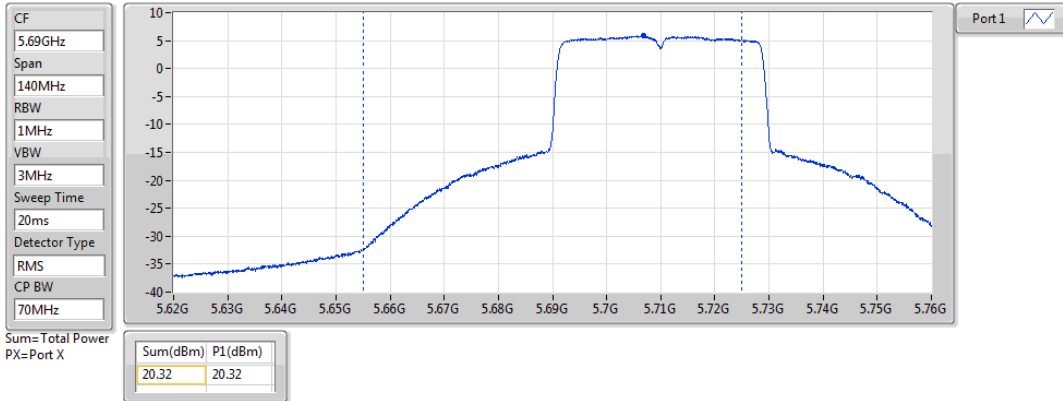


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

02/11/2019

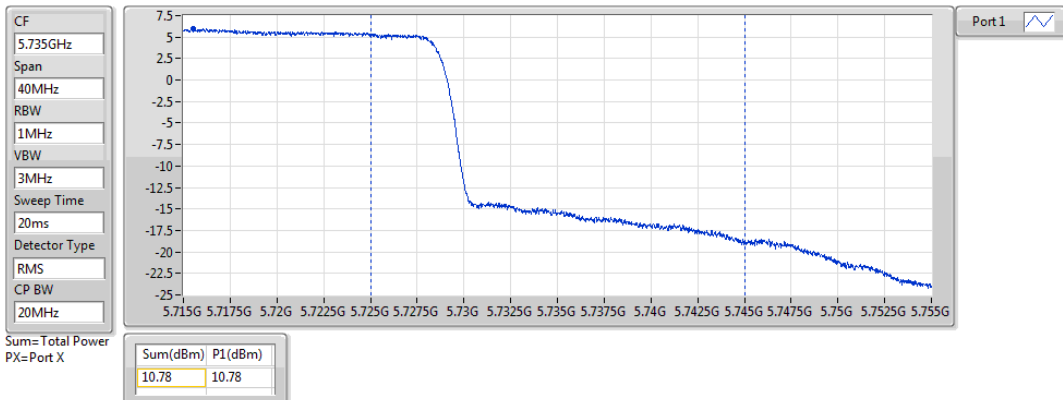


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

02/11/2019

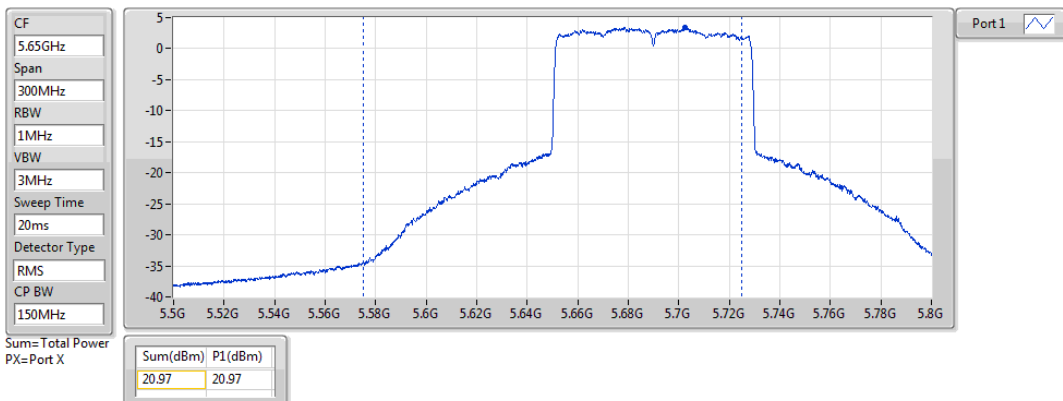


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz

02/11/2019

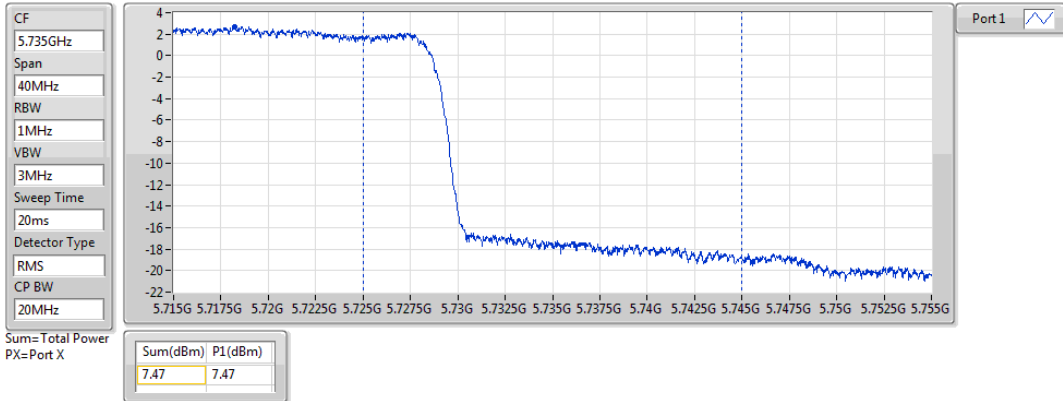


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

02/11/2019

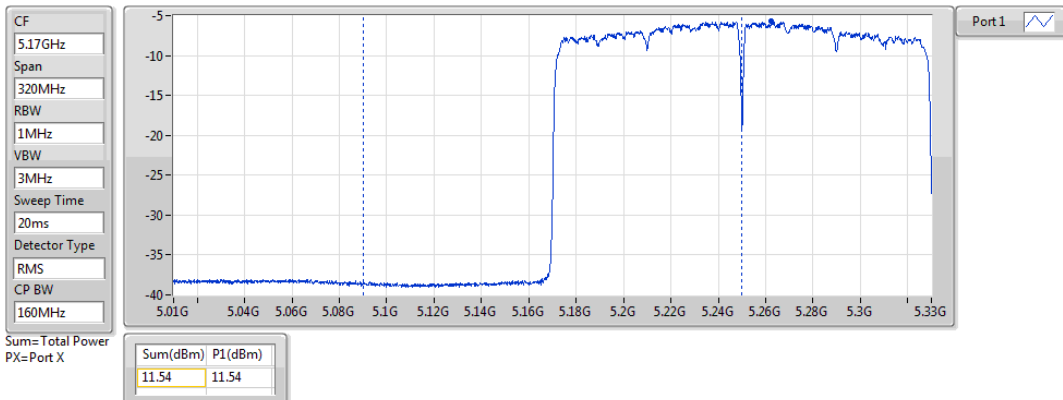


802.11ax HEW160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.15-5.25GHz

02/11/2019

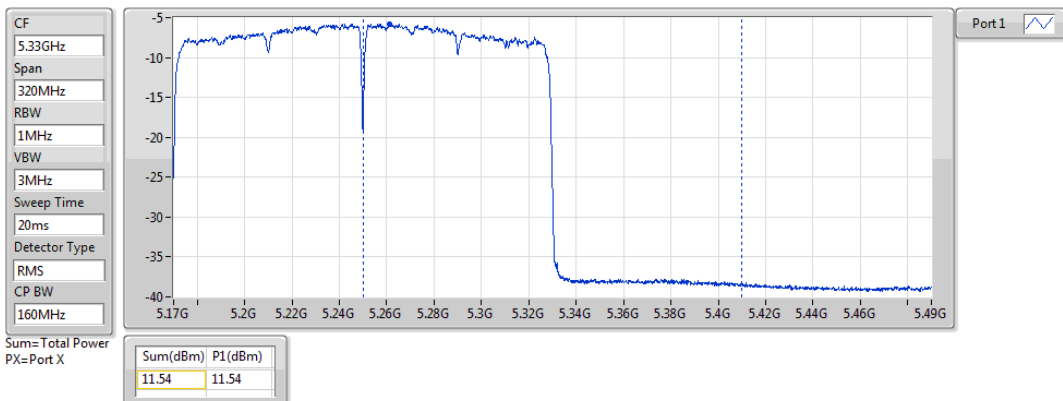


802.11ax HEW160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.25-5.35GHz

02/11/2019



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT160_Nss2,(MCS0)_2TX	12.04	0.01600
802.11ax HEW160_Nss2,(MCS0)_2TX	12.33	0.01710
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	18.66	0.07345
802.11ac VHT20_Nss2,(MCS0)_2TX	21.80	0.15136
802.11ac VHT40_Nss2,(MCS0)_2TX	21.84	0.15276
802.11ac VHT80_Nss2,(MCS0)_2TX	15.60	0.03631
802.11ac VHT160_Nss2,(MCS0)_2TX	12.01	0.01589
802.11ax HEW20_Nss2,(MCS0)_2TX	21.95	0.15668
802.11ax HEW40_Nss2,(MCS0)_2TX	21.96	0.15704
802.11ax HEW80_Nss2,(MCS0)_2TX	15.91	0.03899
802.11ax HEW160_Nss2,(MCS0)_2TX	12.35	0.01718
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	18.57	0.07194
802.11ac VHT20_Nss2,(MCS0)_2TX	21.85	0.15311
802.11ac VHT40_Nss2,(MCS0)_2TX	21.59	0.14421
802.11ac VHT80_Nss2,(MCS0)_2TX	21.71	0.14825
802.11ac VHT160_Nss2,(MCS0)_2TX	13.87	0.02438
802.11ax HEW20_Nss2,(MCS0)_2TX	21.96	0.15704
802.11ax HEW40_Nss2,(MCS0)_2TX	21.90	0.15488
802.11ax HEW80_Nss2,(MCS0)_2TX	21.89	0.15453
802.11ax HEW160_Nss2,(MCS0)_2TX	14.15	0.02600
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	11.67	0.01469
802.11ac VHT20_Nss2,(MCS0)_2TX	14.98	0.03148
802.11ac VHT40_Nss2,(MCS0)_2TX	11.12	0.01294
802.11ac VHT80_Nss2,(MCS0)_2TX	7.73	0.00593
802.11ax HEW20_Nss2,(MCS0)_2TX	15.53	0.03573
802.11ax HEW40_Nss2,(MCS0)_2TX	12.18	0.01652
802.11ax HEW80_Nss2,(MCS0)_2TX	8.58	0.00721

**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	15.23	15.57	18.41	21.98	16.25
5300MHz	Pass	8.00	15.35	15.66	18.52	21.98	16.25
5320MHz	Pass	8.00	15.57	15.72	18.66	21.98	16.25
5500MHz	Pass	8.00	12.95	13.26	16.12	21.98	13.75
5580MHz	Pass	8.00	15.13	15.95	18.57	21.98	16.25
5700MHz	Pass	8.00	12.65	13.22	15.95	21.98	13.5
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	14.68	14.93	17.82	20.94	16
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	8.63	8.68	11.67	28.00	16
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5260MHz	Pass	8.00	18.52	18.96	21.76	21.98	19.25
5300MHz	Pass	8.00	18.51	19.05	21.80	21.98	19.25
5320MHz	Pass	8.00	15.63	15.87	18.76	21.98	16.25
5500MHz	Pass	8.00	14.42	14.79	17.62	21.98	15.25
5580MHz	Pass	8.00	18.55	19.12	21.85	21.98	19.25
5700MHz	Pass	8.00	12.38	12.98	15.70	21.98	13.25
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	17.30	17.98	20.66	21.28	18.75
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	11.55	12.36	14.98	28.00	18.75
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5270MHz	Pass	8.00	18.75	18.91	21.84	21.98	19.25
5310MHz	Pass	8.00	13.38	13.64	16.52	21.98	14.25
5510MHz	Pass	8.00	12.03	12.57	15.32	21.98	12.75
5550MHz	Pass	8.00	18.22	18.65	21.45	21.98	18.75
5670MHz	Pass	8.00	12.13	12.86	15.52	21.98	13.25
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	18.34	18.80	21.59	21.98	19.25
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	7.75	8.44	11.12	28.00	19.25
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5290MHz	Pass	8.00	12.48	12.69	15.60	21.98	13.5
5530MHz	Pass	8.00	12.76	13.24	16.02	21.98	13.75
5610MHz	Pass	8.00	16.91	17.52	20.24	21.98	17.5
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	18.48	18.90	21.71	21.98	18.75
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	4.24	5.16	7.73	28.00	18.75
802.11ac VHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.00	8.80	9.24	12.04	28.00	12.25
5250MHz Straddle 5.25-5.35GHz	Pass	8.00	8.86	9.14	12.01	21.98	12.25
5570MHz	Pass	8.00	10.59	11.12	13.87	21.98	11.5
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5260MHz	Pass	8.00	18.68	19.08	21.89	21.98	19.25
5300MHz	Pass	8.00	18.74	19.14	21.95	21.98	19.25
5320MHz	Pass	8.00	15.81	16.09	18.96	21.98	16.25
5500MHz	Pass	8.00	14.64	15.11	17.89	21.98	15.25
5580MHz	Pass	8.00	18.70	19.19	21.96	21.98	19.25
5700MHz	Pass	8.00	12.71	13.13	15.94	21.98	13.25
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	17.55	18.02	20.80	21.01	18.75



Average Power_Radio 2 / External Antenna 7

Appendix B.7

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	12.13	12.87	15.53	28.00	18.75
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5270MHz	Pass	8.00	18.91	18.98	21.96	21.98	19.25
5310MHz	Pass	8.00	13.53	13.75	16.65	21.98	14.25
5510MHz	Pass	8.00	12.16	12.64	15.42	21.98	12.75
5550MHz	Pass	8.00	18.34	18.88	21.63	21.98	18.75
5670MHz	Pass	8.00	12.23	12.94	15.61	21.98	13.25
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	18.63	19.14	21.90	21.98	19.25
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	8.93	9.39	12.18	28.00	19.25
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5290MHz	Pass	8.00	12.78	13.01	15.91	21.98	13.5
5530MHz	Pass	8.00	13.07	13.55	16.33	21.98	13.75
5610MHz	Pass	8.00	17.07	17.59	20.35	21.98	17.5
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	18.54	19.20	21.89	21.98	18.75
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	5.02	6.05	8.58	28.00	18.75
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.00	9.08	9.54	12.33	28.00	12.25
5250MHz Straddle 5.25-5.35GHz	Pass	8.00	9.16	9.51	12.35	21.98	12.25
5570MHz	Pass	8.00	10.86	11.40	14.15	21.98	11.5

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

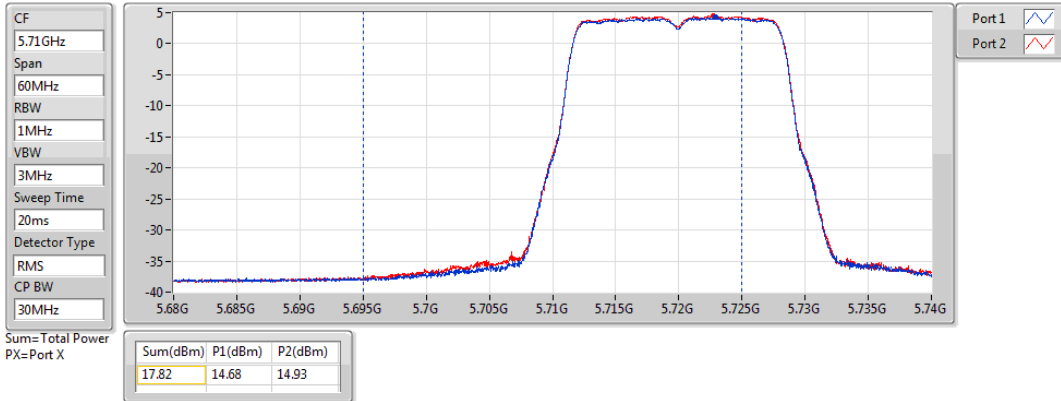
Note : Conducted setting = Pass conducted setting division 4

802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

02/11/2019

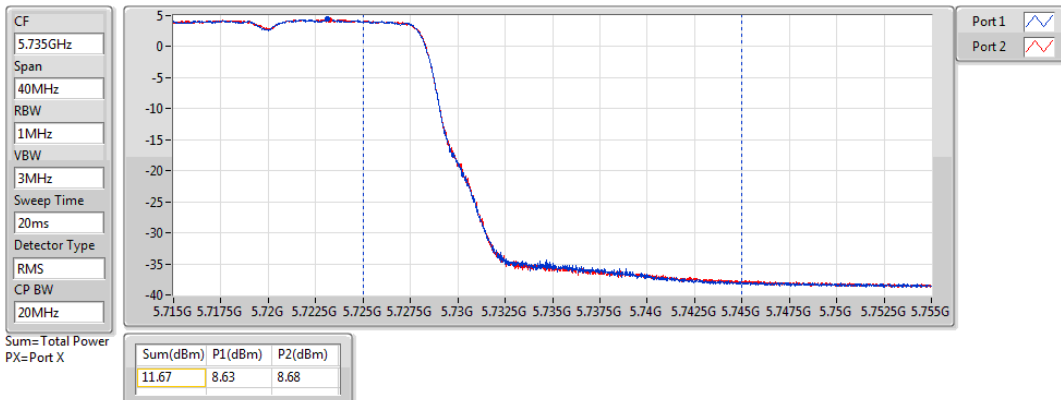


802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

02/11/2019

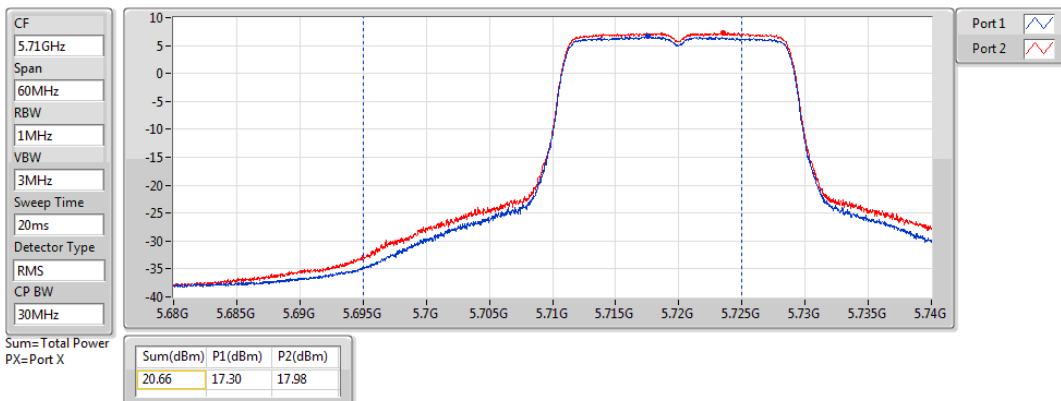


802.11ac VHT20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

02/11/2019

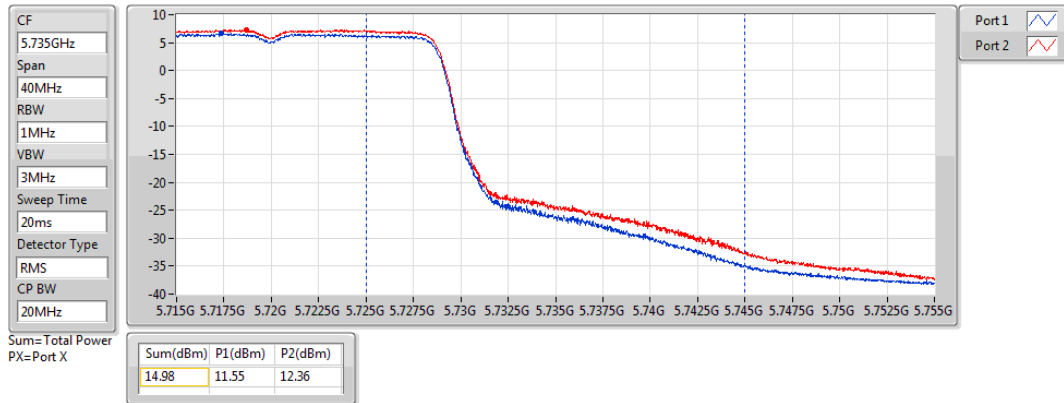


802.11ac VHT20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

02/11/2019

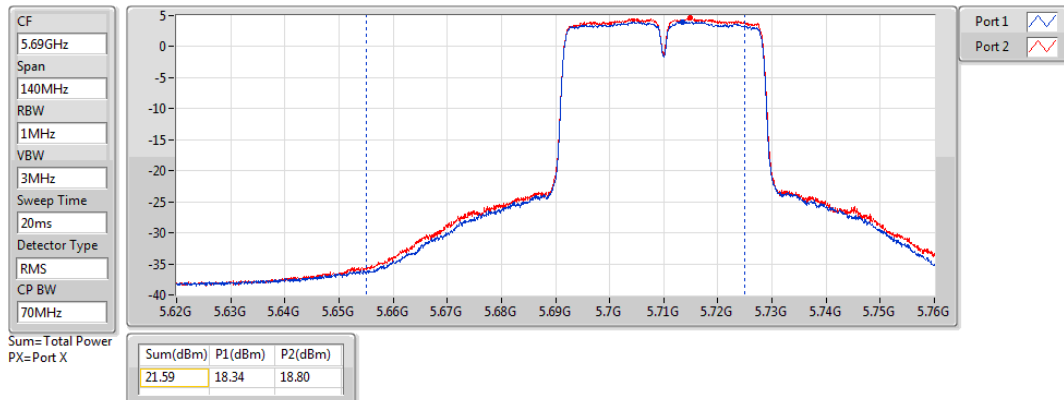


802.11ac VHT40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

02/11/2019

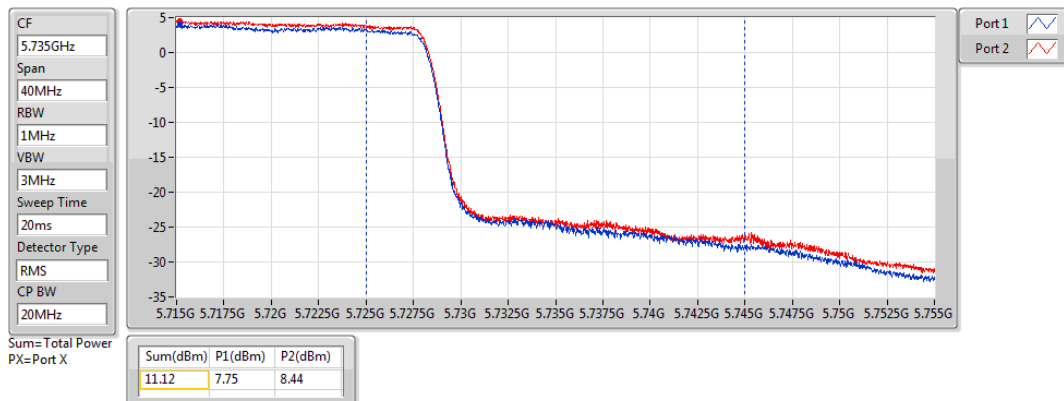


802.11ac VHT40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

02/11/2019

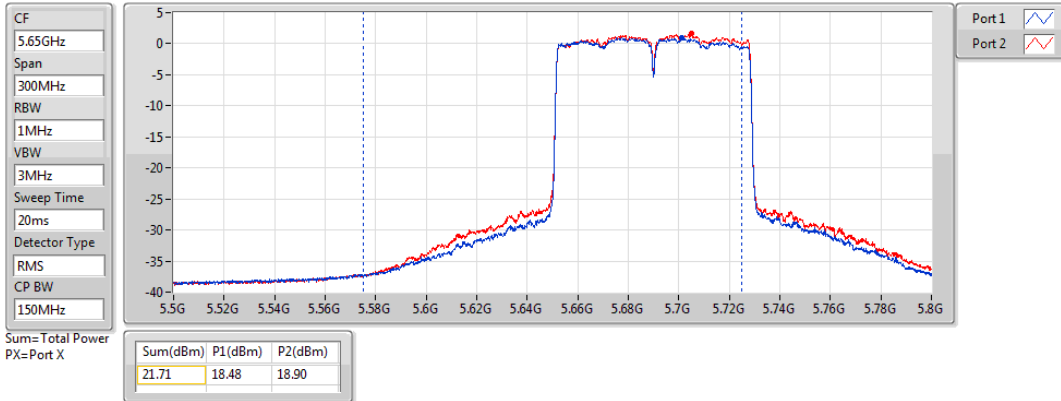


802.11ac VHT80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

02/11/2019

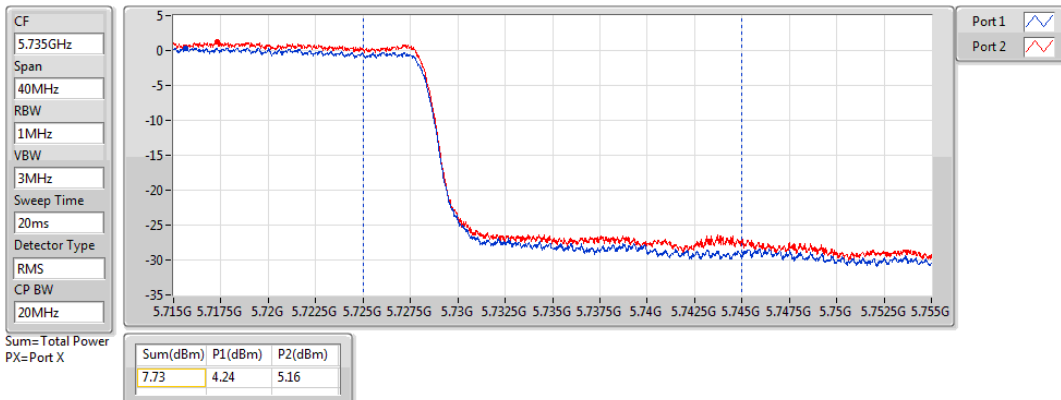


802.11ac VHT80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

02/11/2019

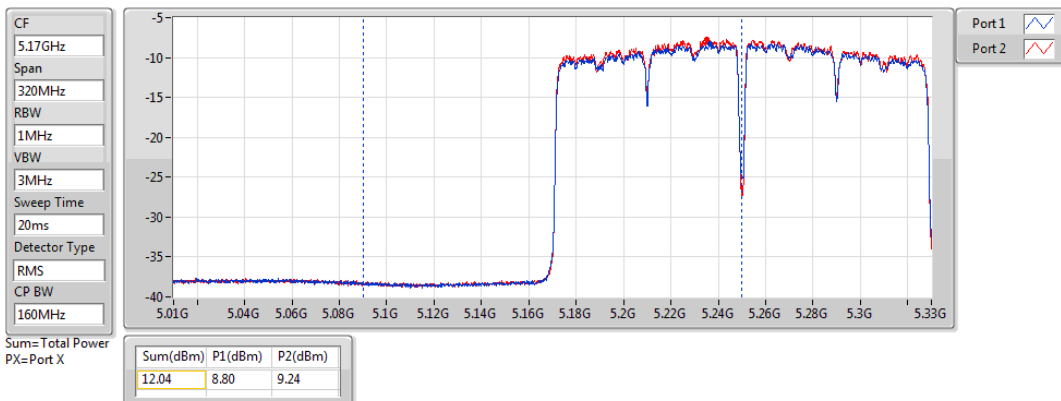


802.11ac VHT160_Nss2,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz

02/11/2019

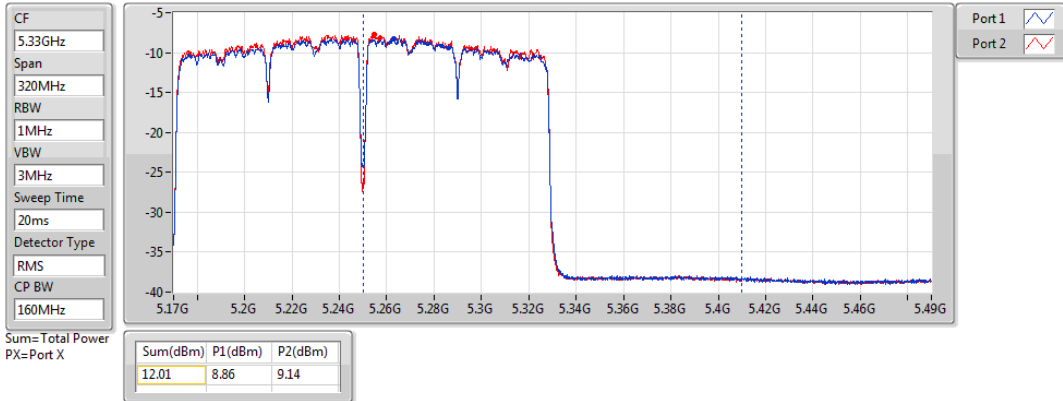


802.11ac VHT160_Nss2,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz

02/11/2019

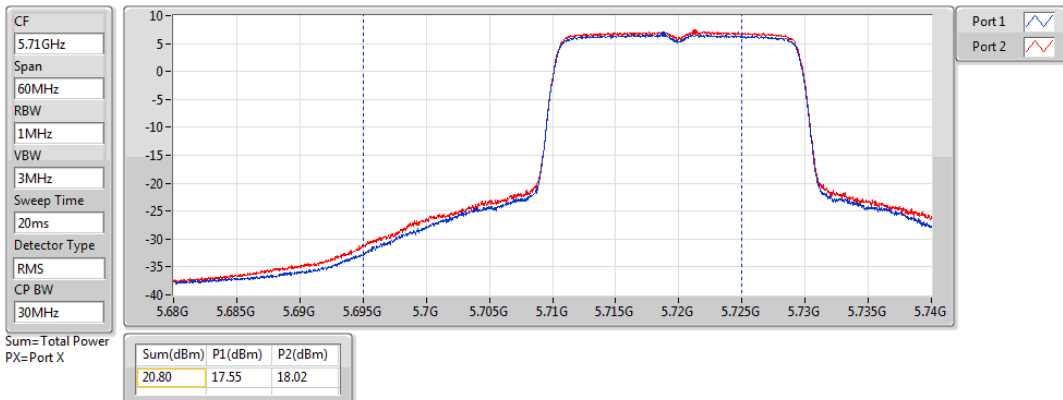


802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

02/11/2019

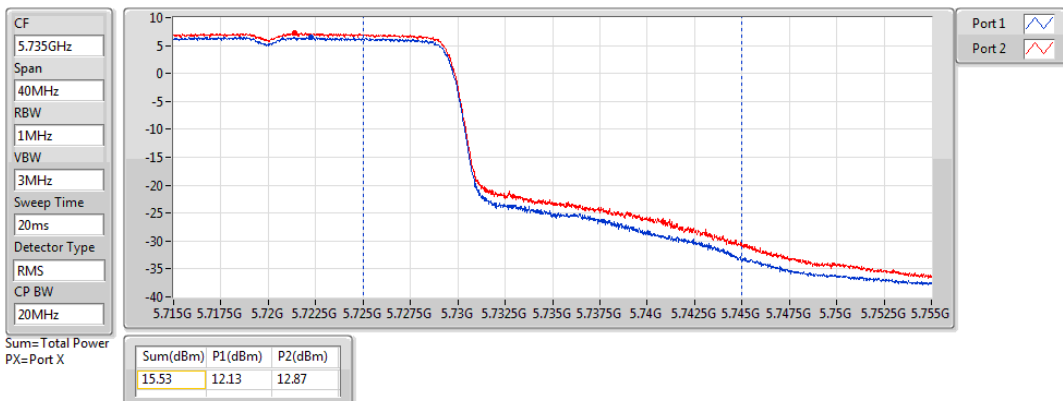


802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

02/11/2019

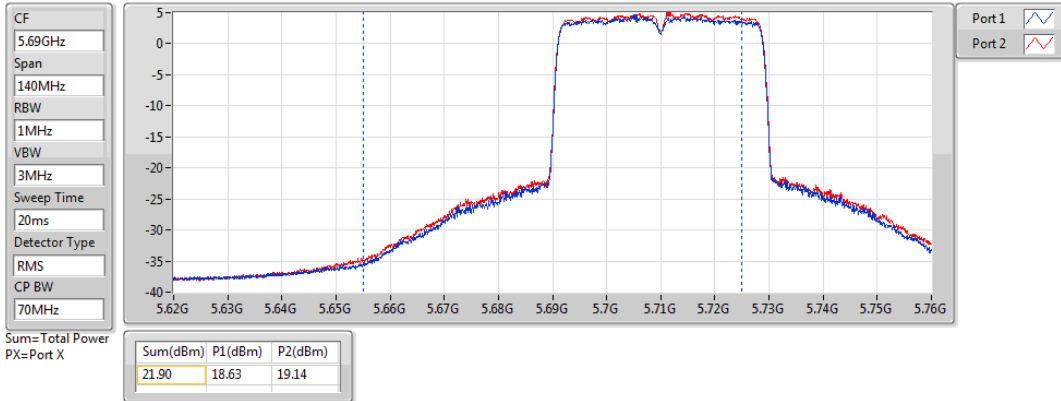


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

02/11/2019

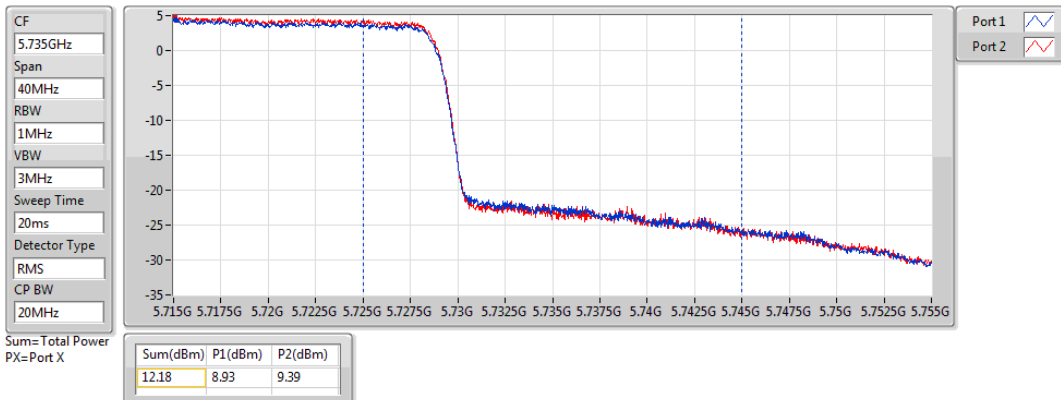


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

02/11/2019

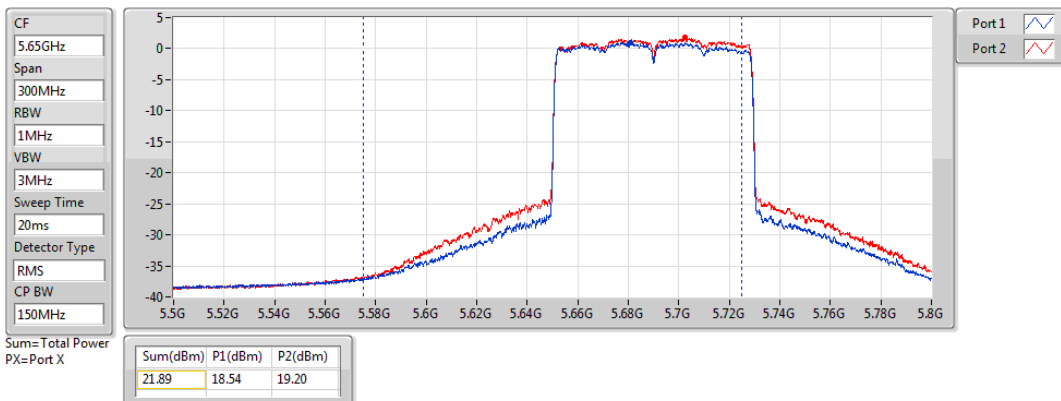


802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

02/11/2019

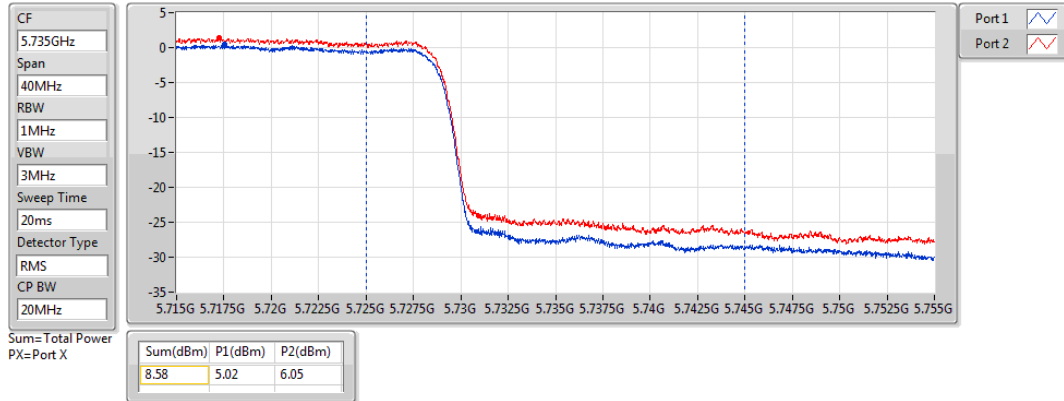


802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

02/11/2019

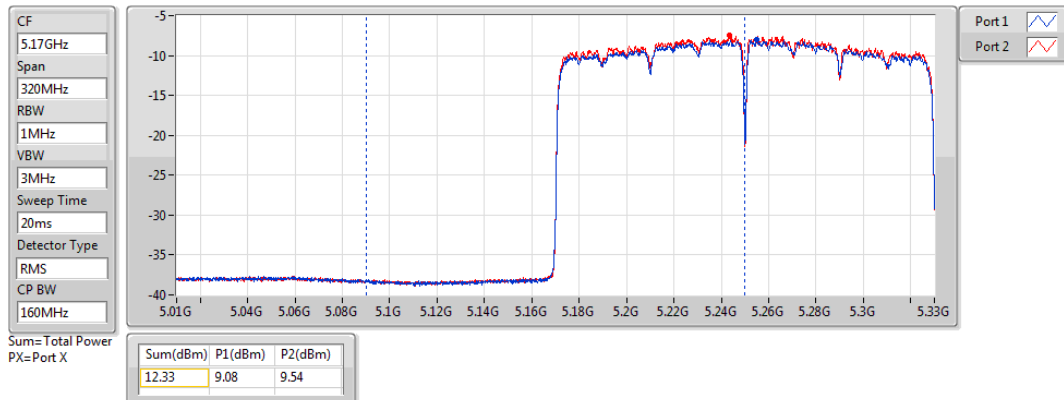


802.11ax HEW160_Nss2,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz

02/11/2019

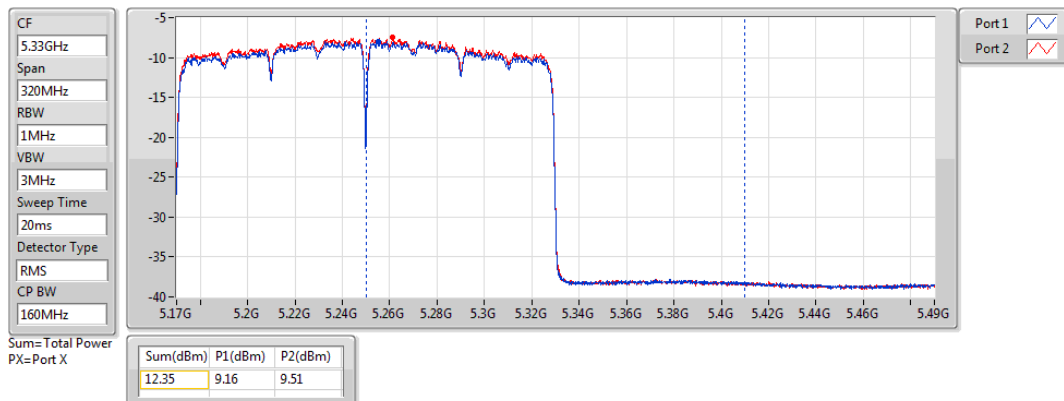


802.11ax HEW160_Nss2,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz

02/11/2019



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT160_Nss1,(MCS0)_4TX	14.11	0.02576
802.11ax HEW160_Nss1,(MCS0)_4TX	14.28	0.02679
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	15.67	0.03690
802.11ac VHT20_Nss1,(MCS0)_4TX	15.99	0.03972
802.11ac VHT40_Nss1,(MCS0)_4TX	18.89	0.07745
802.11ac VHT80_Nss1,(MCS0)_4TX	18.07	0.06412
802.11ac VHT160_Nss1,(MCS0)_4TX	14.14	0.02594
802.11ax HEW20_Nss1,(MCS0)_4TX	16.24	0.04207
802.11ax HEW40_Nss1,(MCS0)_4TX	19.14	0.08204
802.11ax HEW80_Nss1,(MCS0)_4TX	18.36	0.06855
802.11ax HEW160_Nss1,(MCS0)_4TX	14.31	0.02698
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	15.72	0.03733
802.11ac VHT20_Nss1,(MCS0)_4TX	16.05	0.04027
802.11ac VHT40_Nss1,(MCS0)_4TX	18.94	0.07834
802.11ac VHT80_Nss1,(MCS0)_4TX	21.71	0.14825
802.11ac VHT160_Nss1,(MCS0)_4TX	16.22	0.04188
802.11ax HEW20_Nss1,(MCS0)_4TX	16.32	0.04285
802.11ax HEW40_Nss1,(MCS0)_4TX	19.15	0.08222
802.11ax HEW80_Nss1,(MCS0)_4TX	21.96	0.15704
802.11ax HEW160_Nss1,(MCS0)_4TX	16.37	0.04335
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	8.93	0.00782
802.11ac VHT20_Nss1,(MCS0)_4TX	9.62	0.00916
802.11ac VHT40_Nss1,(MCS0)_4TX	8.41	0.00693
802.11ac VHT80_Nss1,(MCS0)_4TX	7.64	0.00581
802.11ax HEW20_Nss1,(MCS0)_4TX	10.23	0.01054
802.11ax HEW40_Nss1,(MCS0)_4TX	9.14	0.00820
802.11ax HEW80_Nss1,(MCS0)_4TX	8.70	0.00741

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	8.00	9.02	9.49	9.83	10.18	15.67	21.98	9.75
5300MHz	Pass	8.00	9.07	9.59	10.04	9.74	15.64	21.98	9.75
5320MHz	Pass	8.00	9.06	9.51	9.97	9.85	15.63	21.98	9.75
5500MHz	Pass	8.00	9.44	9.76	9.85	9.48	15.66	21.98	9.75
5580MHz	Pass	8.00	9.05	9.72	9.98	9.79	15.67	21.98	9.75
5700MHz	Pass	8.00	9.11	9.73	9.79	10.12	15.72	21.98	9.75
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	8.65	9.08	9.01	9.37	15.06	20.94	9.75
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	2.48	2.92	3.10	3.12	8.93	28.00	9.75
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	8.00	9.43	9.75	10.08	10.39	15.95	21.98	10.25
5300MHz	Pass	8.00	9.65	9.87	10.26	10.09	15.99	21.98	10.25
5320MHz	Pass	8.00	9.57	9.91	10.18	10.06	15.96	21.98	10.25
5500MHz	Pass	8.00	9.56	10.05	10.08	10.14	15.98	21.98	10.25
5580MHz	Pass	8.00	9.31	10.13	10.19	10.25	16.01	21.98	10.25
5700MHz	Pass	8.00	9.79	10.16	10.05	10.11	16.05	21.98	10.25
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	8.97	9.37	9.29	9.39	15.28	21.00	10.25
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	3.27	3.61	3.68	3.83	9.62	28.00	10.25
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	8.00	12.48	12.55	12.92	13.47	18.89	21.98	13.5
5310MHz	Pass	8.00	12.31	12.64	12.70	12.65	18.60	21.98	13.25
5510MHz	Pass	8.00	12.73	12.90	13.01	12.87	18.90	21.98	13.5
5550MHz	Pass	8.00	12.81	12.96	13.11	12.79	18.94	21.98	13.5
5670MHz	Pass	8.00	12.30	12.93	12.72	13.12	18.80	21.98	13.5
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	12.43	12.67	12.61	13.12	18.74	21.98	13.5
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	1.99	2.38	2.38	2.78	8.41	28.00	13.5
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	8.00	11.82	11.98	12.05	12.34	18.07	21.98	12.75
5530MHz	Pass	8.00	12.98	13.25	13.14	13.29	19.19	21.98	13.75
5610MHz	Pass	8.00	15.06	15.82	15.17	15.61	21.45	21.98	16
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	15.37	15.70	15.55	16.12	21.71	21.98	16
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	1.03	1.67	1.76	1.97	7.64	28.00	16
802.11ac VHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.00	7.75	7.96	8.68	7.91	14.11	28.00	11
5250MHz Straddle 5.25-5.35GHz	Pass	8.00	7.64	7.92	8.60	8.24	14.14	21.98	11
5570MHz	Pass	8.00	9.85	10.42	10.27	10.22	16.22	21.98	10.75
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	8.00	9.59	9.98	10.30	10.73	16.19	21.98	10.25
5300MHz	Pass	8.00	9.87	10.05	10.55	10.31	16.22	21.98	10.25
5320MHz	Pass	8.00	9.85	10.07	10.57	10.36	16.24	21.98	10.25
5500MHz	Pass	8.00	9.83	10.26	10.36	10.15	16.18	21.98	10.25
5580MHz	Pass	8.00	9.55	10.47	10.54	10.41	16.28	21.98	10.25
5700MHz	Pass	8.00	10.02	10.32	10.29	10.54	16.32	21.98	10.25
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	9.24	9.51	9.46	9.65	15.49	20.97	10.25



Average Power_Radio 2 / External Antenna 7

Appendix B.8

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	3.89	4.35	4.32	4.25	10.23	28.00	10.25
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	8.00	12.72	12.93	13.20	13.58	19.14	21.98	13.5
5310MHz	Pass	8.00	12.49	12.75	13.08	12.91	18.83	21.98	13.25
5510MHz	Pass	8.00	13.01	13.19	13.26	13.06	19.15	21.98	13.5
5550MHz	Pass	8.00	12.96	13.14	13.27	13.05	19.13	21.98	13.5
5670MHz	Pass	8.00	12.43	13.21	12.79	13.26	18.96	21.98	13.5
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	12.63	12.86	12.81	13.31	18.93	21.98	13.5
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	2.75	3.07	3.16	3.48	9.14	28.00	13.5
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	8.00	12.09	12.40	12.28	12.56	18.36	21.98	12.75
5530MHz	Pass	8.00	13.22	13.70	13.37	13.69	19.52	21.98	13.75
5610MHz	Pass	8.00	15.37	16.21	15.43	15.91	21.76	21.98	16
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	15.57	16.03	15.86	16.26	21.96	21.98	16
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	2.01	2.73	2.81	3.11	8.70	28.00	16
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.00	7.81	8.12	8.91	8.13	14.28	28.00	11
5250MHz Straddle 5.25-5.35GHz	Pass	8.00	7.84	8.05	8.77	8.42	14.31	21.98	11
5570MHz	Pass	8.00	10.08	10.54	10.41	10.34	16.37	21.98	10.75

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

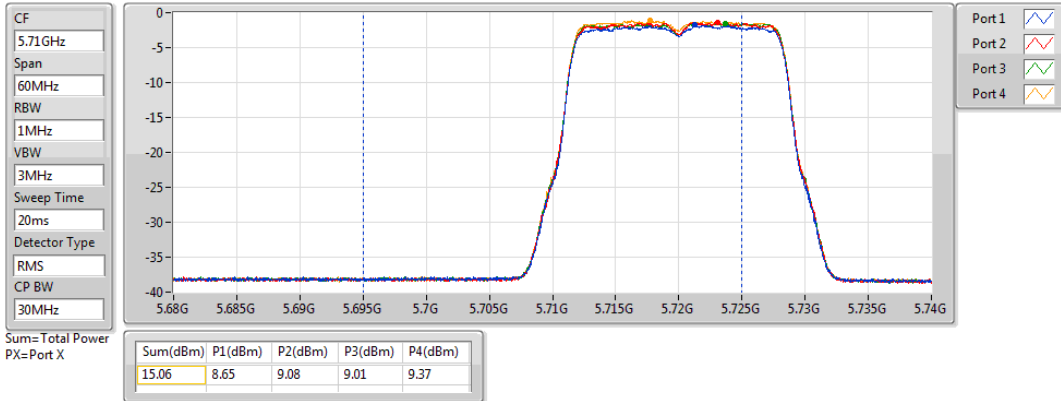
Note : Conducted setting = Pass conducted setting division 4

802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

02/11/2019

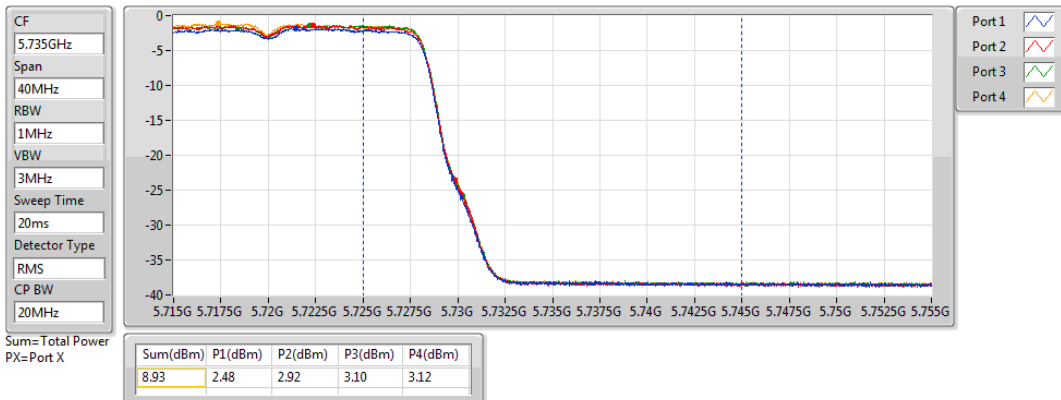


802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

02/11/2019

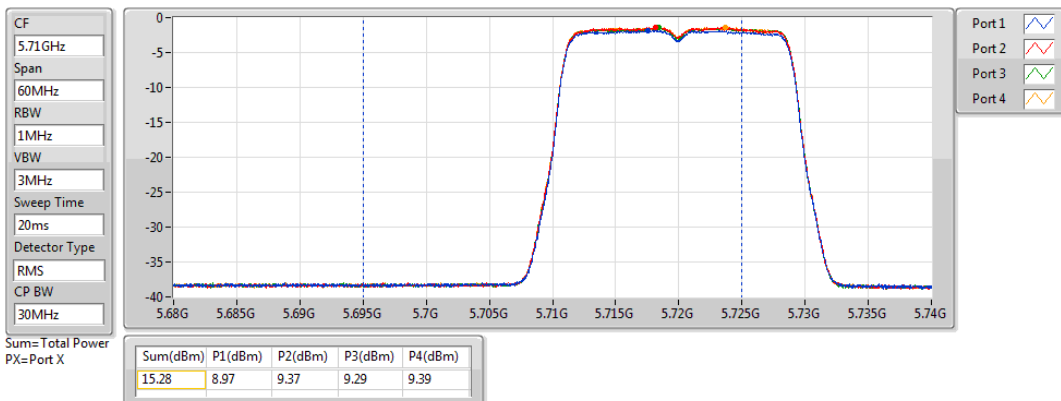


802.11ac VHT20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

03/11/2019

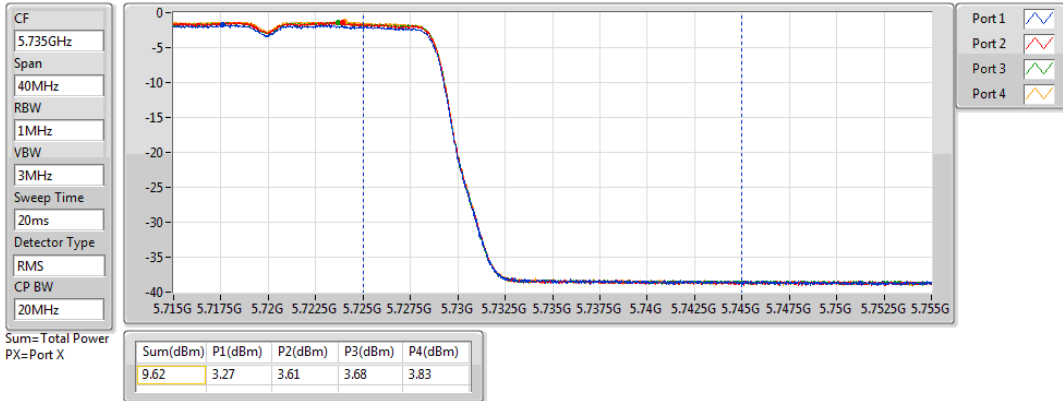


802.11ac VHT20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

03/11/2019

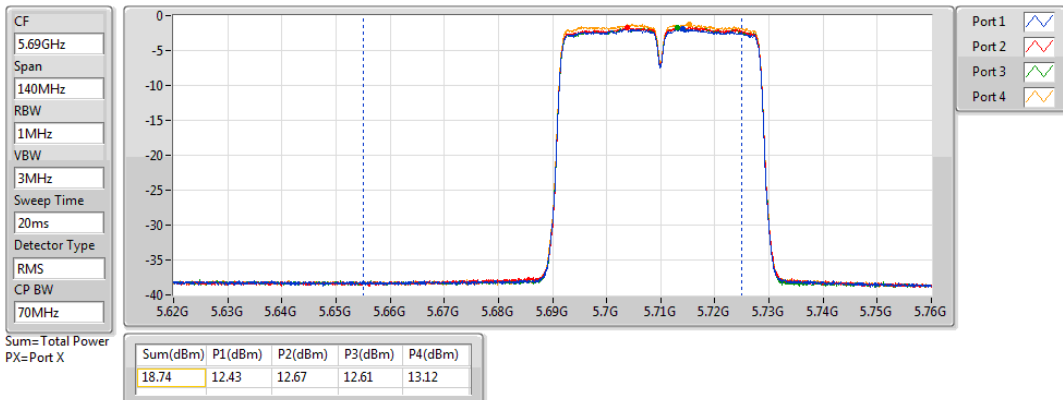


802.11ac VHT40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

03/11/2019

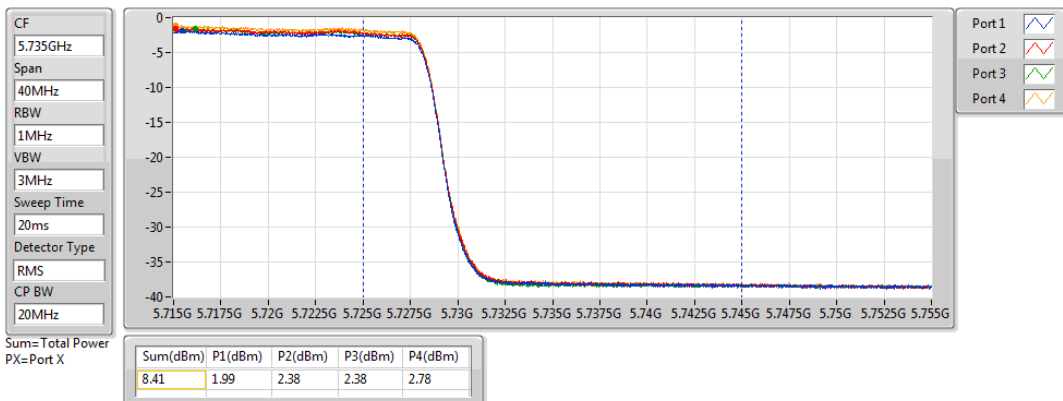


802.11ac VHT40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

03/11/2019

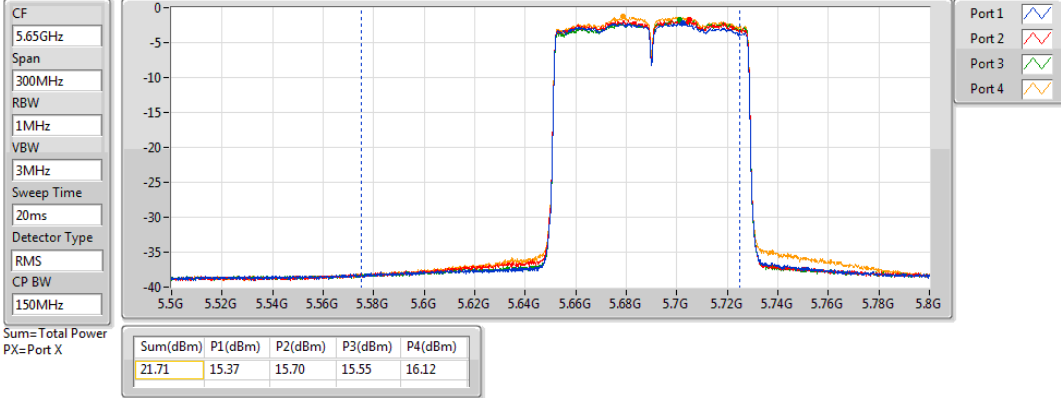


802.11ac VHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

03/11/2019

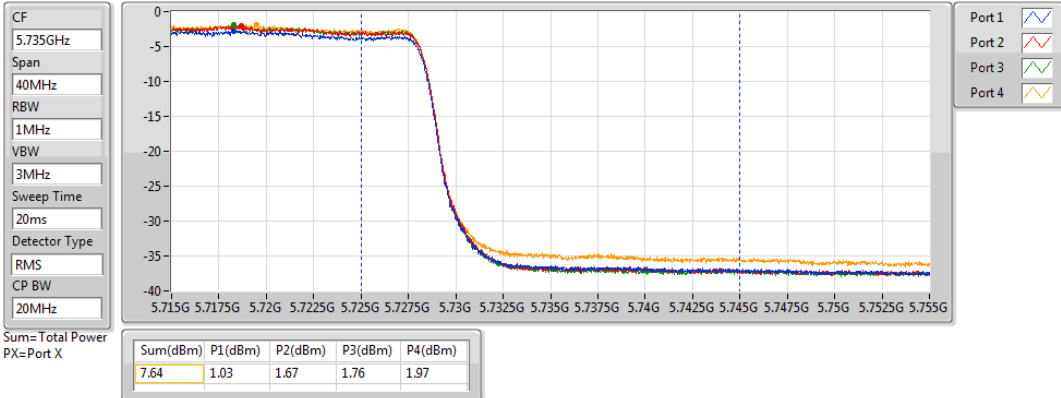


802.11ac VHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

03/11/2019

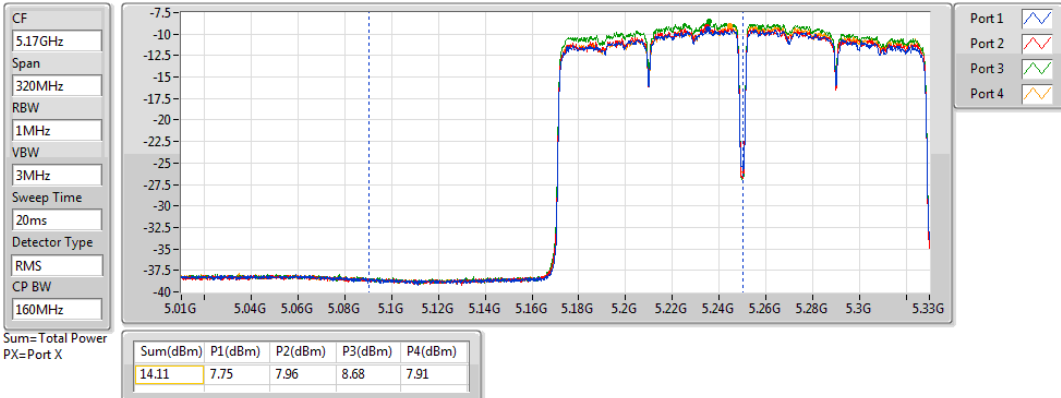


802.11ac VHT160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

03/11/2019

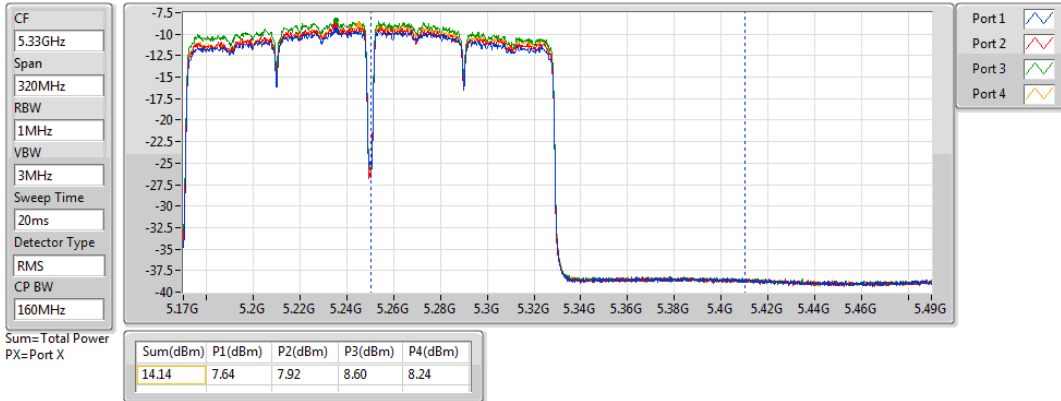


802.11ac VHT160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

03/11/2019

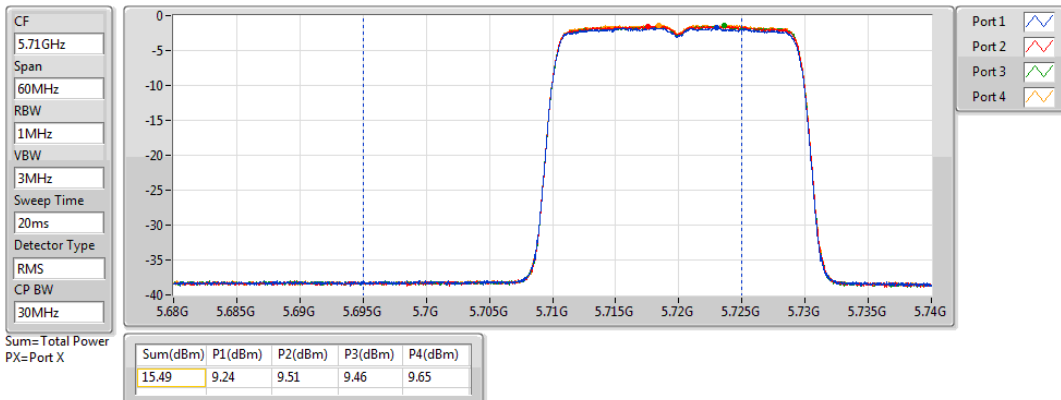


802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

02/11/2019

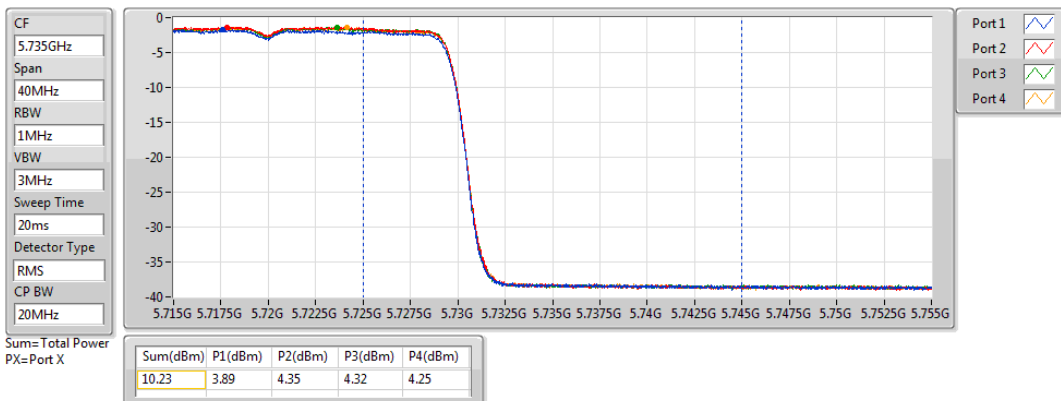


802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

02/11/2019

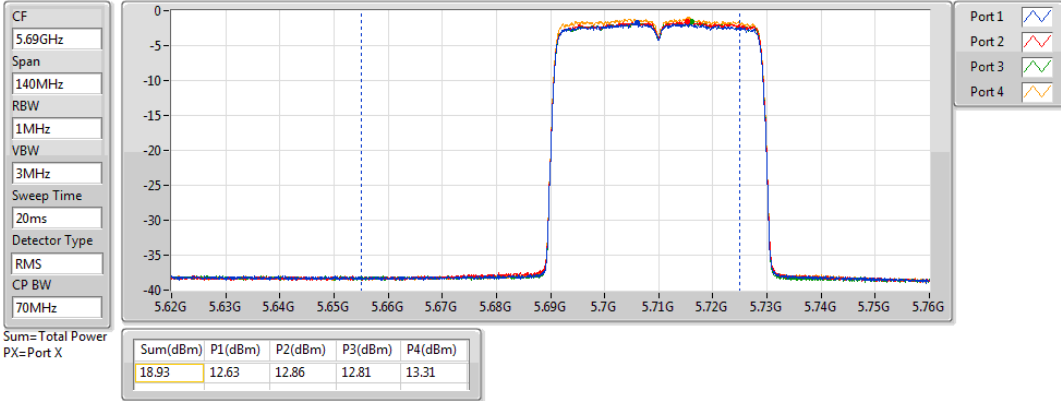


802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

03/11/2019

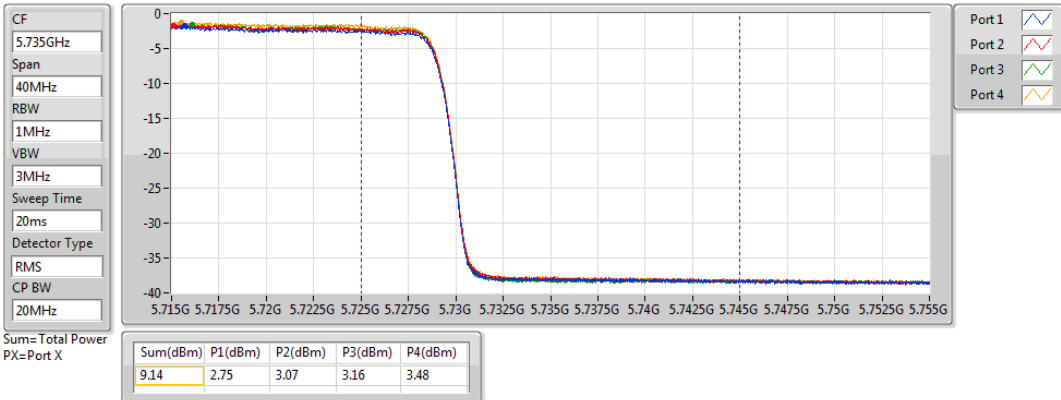


802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

03/11/2019

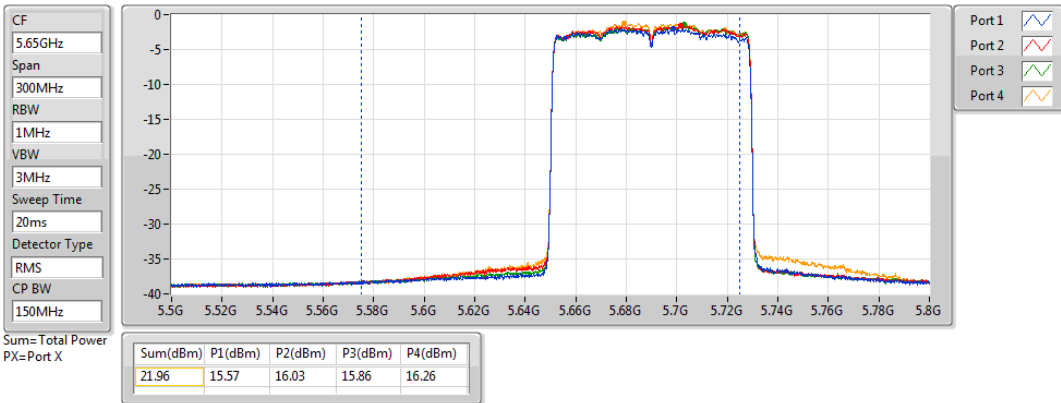


802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

03/11/2019

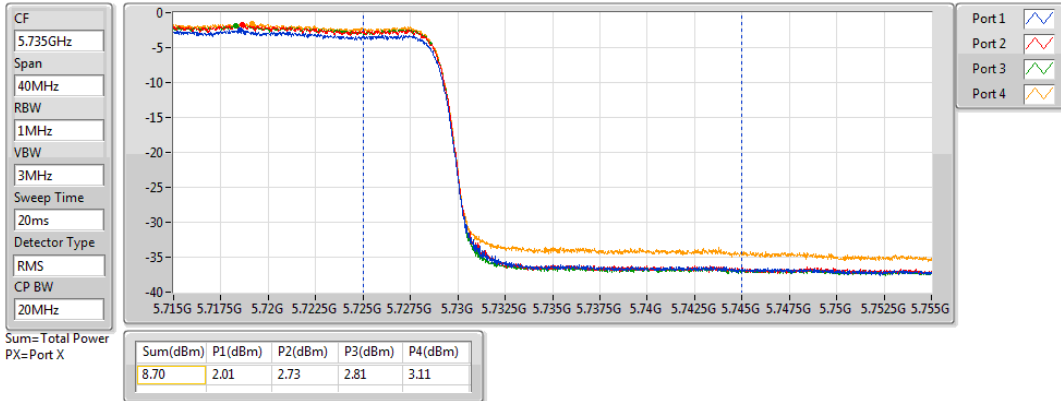


802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

03/11/2019

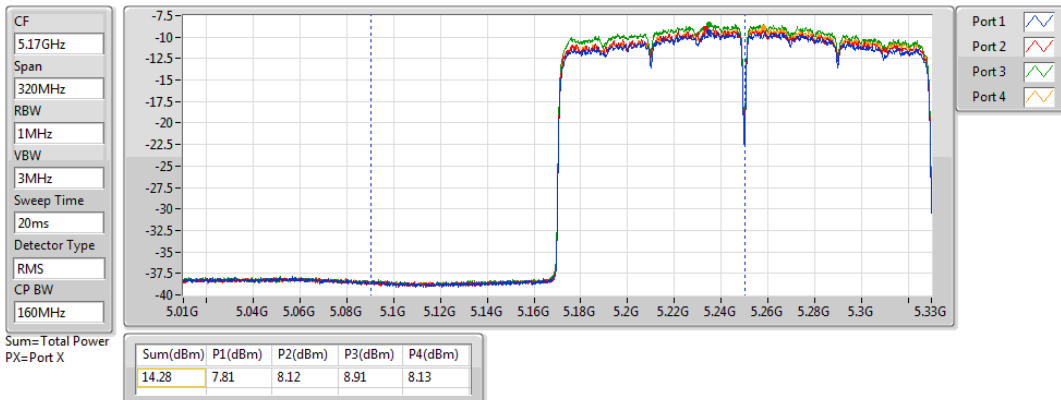


802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

03/11/2019

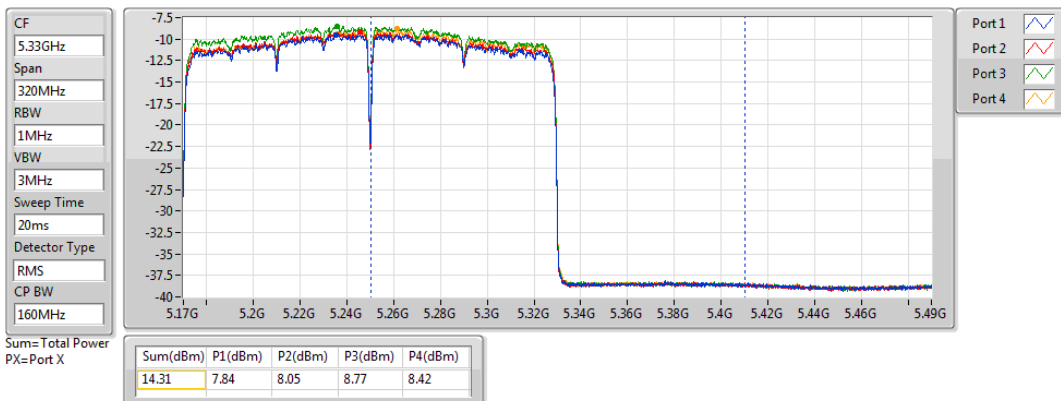


802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

03/11/2019



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	13.24	0.02109
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	13.34	0.02158
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	15.42	0.03483
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	15.48	0.03532
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	15.66	0.03681
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	13.23	0.02104
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	15.95	0.03936
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	15.91	0.03899
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	15.76	0.03767
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	13.37	0.02173
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	15.45	0.03508
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	15.62	0.03648
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	15.94	0.03926
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	15.79	0.03793
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	15.83	0.03828
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	15.94	0.03926
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	15.94	0.03926
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	15.82	0.03819
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	8.73	0.00746
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	4.97	0.00314
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	1.01	0.00126
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	9.49	0.00889
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	6.09	0.00406
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	2.05	0.00160

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	
5260MHz	Pass	14.02	8.54	9.01	9.01	9.36	15.01	15.96	9.5
5300MHz	Pass	14.02	9.69	9.12	9.03	9.71	15.42	15.96	9.5
5320MHz	Pass	14.02	9.78	9.19	8.81	9.73	15.42	15.96	9.5
5500MHz	Pass	14.02	9.64	9.69	9.21	9.10	15.44	15.96	9.5
5580MHz	Pass	14.02	9.23	9.61	9.25	9.17	15.34	15.96	9.5
5700MHz	Pass	14.02	9.16	10.93	8.66	8.49	15.45	15.96	9
5720MHz Straddle 5.47-5.725GHz	Pass	14.02	8.28	9.89	7.76	7.48	14.48	14.92	8.5
5720MHz Straddle 5.725-5.85GHz	Pass	14.02	2.54	4.10	2.04	1.78	8.73	21.98	8.5
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	
5270MHz	Pass	14.02	9.79	9.19	9.28	9.55	15.48	15.96	10
5310MHz	Pass	14.02	9.54	9.41	9.02	8.79	15.22	15.96	9.75
5510MHz	Pass	14.02	9.83	9.73	8.99	9.12	15.45	15.96	9.5
5550MHz	Pass	14.02	9.65	9.83	9.19	8.89	15.43	15.96	9.5
5670MHz	Pass	14.02	8.98	11.50	8.61	8.56	15.62	15.96	9.25
5710MHz Straddle 5.47-5.725GHz	Pass	14.02	8.84	11.01	8.28	8.43	15.31	15.96	9.25
5710MHz Straddle 5.725-5.85GHz	Pass	14.02	-1.41	0.65	-2.03	-1.99	4.97	21.98	9.25
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	
5290MHz	Pass	14.02	10.07	9.69	9.42	9.32	15.66	15.96	10
5530MHz	Pass	14.02	10.12	10.10	9.48	9.78	15.90	15.96	9.75
5610MHz	Pass	14.02	9.70	11.70	8.78	8.81	15.94	15.96	9.25
5690MHz Straddle 5.47-5.725GHz	Pass	14.02	9.27	10.88	8.34	8.47	15.38	15.96	9.25
5690MHz Straddle 5.725-5.85GHz	Pass	14.02	-5.18	-3.59	-5.80	-5.87	1.01	21.98	9.25
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	
5250MHz Straddle 5.15-5.25GHz	Pass	14.02	7.40	7.36	7.13	6.99	13.24	21.98	11
5250MHz Straddle 5.25-5.35GHz	Pass	14.02	7.22	7.21	7.08	7.32	13.23	15.96	11
5570MHz	Pass	14.02	10.05	8.67	10.01	10.17	15.79	15.96	10.75
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	
5260MHz	Pass	14.02	10.26	9.43	9.44	10.50	15.95	15.96	9.5
5300MHz	Pass	14.02	10.20	9.38	9.51	10.36	15.90	15.96	9.5
5320MHz	Pass	14.02	10.11	9.66	9.21	10.19	15.83	15.96	9.5
5500MHz	Pass	14.02	10.13	10.14	9.17	9.45	15.76	15.96	9.5
5580MHz	Pass	14.02	9.63	10.06	9.50	9.59	15.72	15.96	9.5
5700MHz	Pass	14.02	9.65	11.16	9.17	8.86	15.83	15.96	9
5720MHz Straddle 5.47-5.725GHz	Pass	14.02	8.63	10.20	8.07	7.79	14.80	14.90	8.5
5720MHz Straddle 5.725-5.85GHz	Pass	14.02	3.21	4.96	2.87	2.39	9.49	21.98	8.5
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	
5270MHz	Pass	14.02	10.34	9.56	9.76	9.83	15.90	15.96	10
5310MHz	Pass	14.02	10.33	9.87	9.70	9.63	15.91	15.96	9.75
5510MHz	Pass	14.02	10.05	10.17	9.29	9.41	15.77	15.96	9.5
5550MHz	Pass	14.02	10.24	10.10	9.53	9.12	15.79	15.96	9.5
5670MHz	Pass	14.02	9.50	11.70	8.77	9.04	15.94	15.96	9.25
5710MHz Straddle 5.47-5.725GHz	Pass	14.02	9.45	11.52	8.88	8.85	15.84	15.96	9.25
5710MHz Straddle 5.725-5.85GHz	Pass	14.02	-0.29	1.80	-0.87	-0.99	6.09	21.98	9.25



Average Power_Radio 2 / External Antenna 7

Appendix B.9

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	
5290MHz	Pass	14.02	10.31	9.75	9.45	9.40	15.76	15.96	10
5530MHz	Pass	14.02	10.15	10.15	9.41	9.69	15.88	15.96	9.75
5610MHz	Pass	14.02	9.78	11.71	8.63	8.84	15.94	15.96	9.25
5690MHz Straddle 5.47-5.725GHz	Pass	14.02	9.65	11.18	8.62	8.85	15.72	15.96	9.25
5690MHz Straddle 5.725-5.85GHz	Pass	14.02	-4.17	-2.54	-4.65	-4.95	2.05	21.98	9.25
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	
5250MHz Straddle 5.15-5.25GHz	Pass	14.02	7.48	7.54	7.18	7.08	13.34	21.98	11
5250MHz Straddle 5.25-5.35GHz	Pass	14.02	7.44	7.28	7.36	7.32	13.37	15.96	11
5570MHz	Pass	14.02	10.02	8.45	10.22	10.25	15.82	15.96	10.75

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

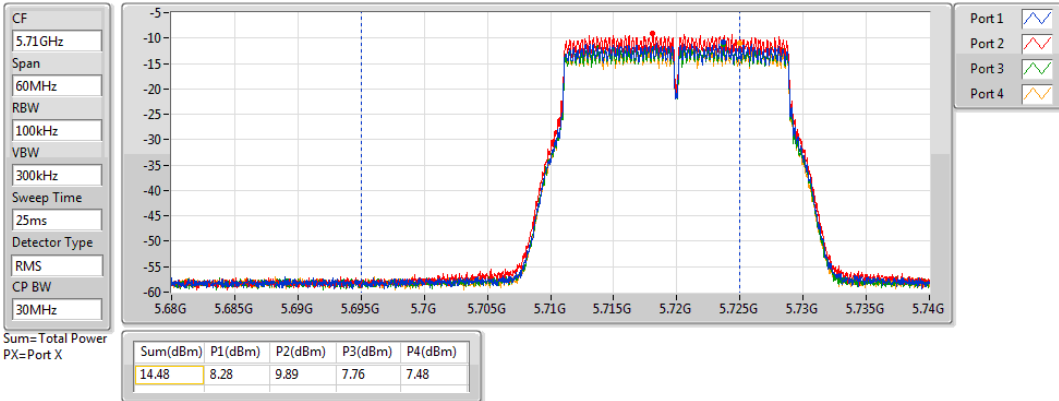
Note : Conducted setting = Pass conducted setting division 4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

04/11/2019

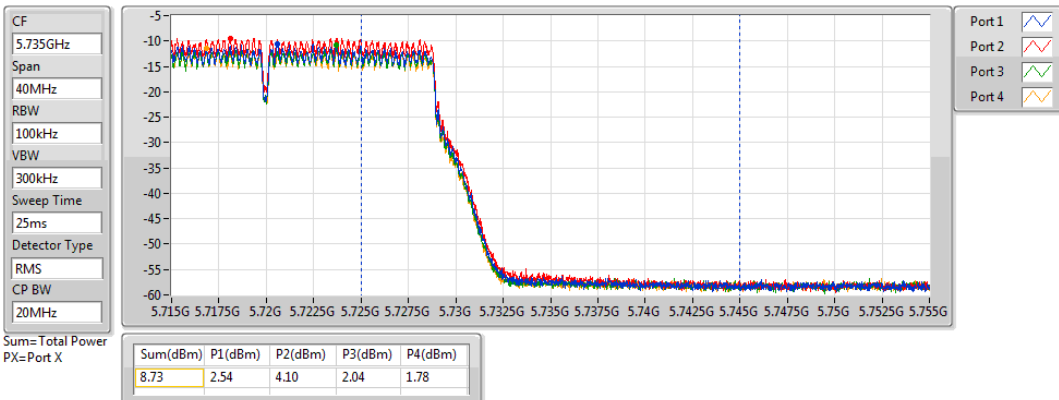


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

04/11/2019

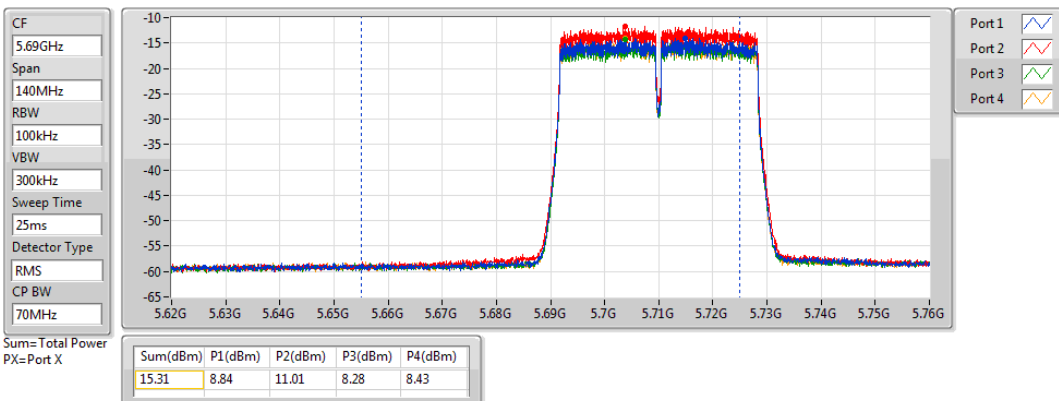


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

17/11/2019

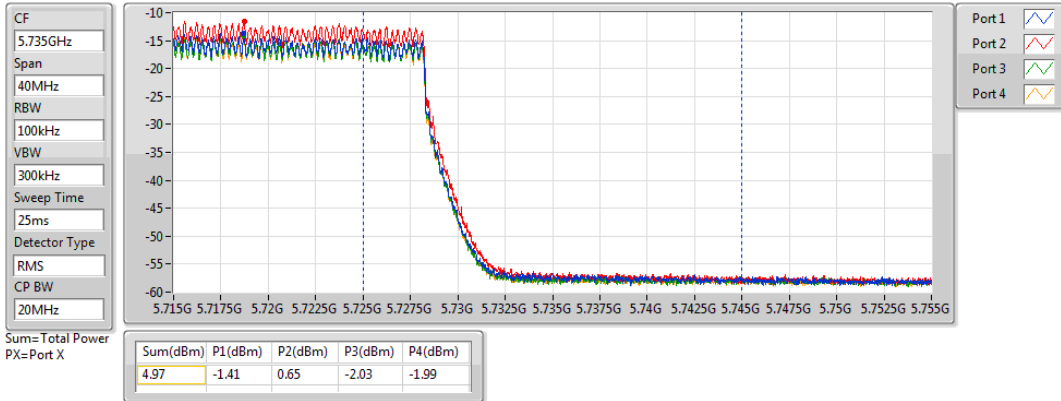


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

17/11/2019

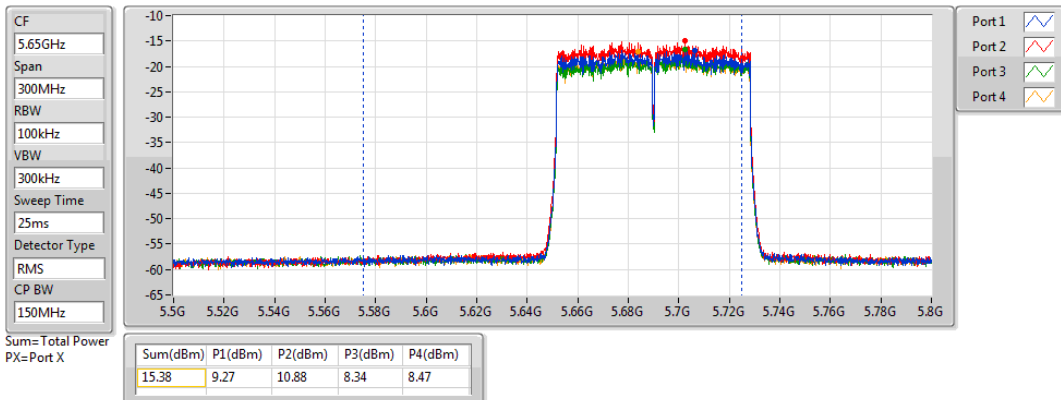


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

04/11/2019

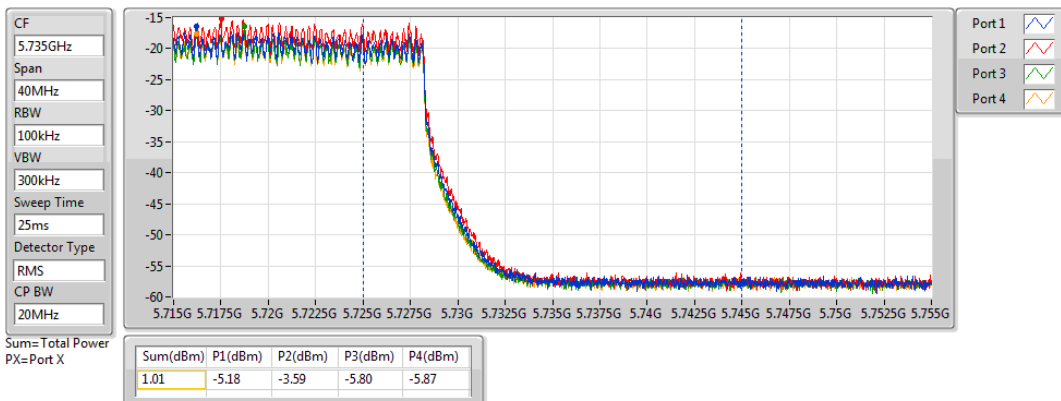


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

04/11/2019

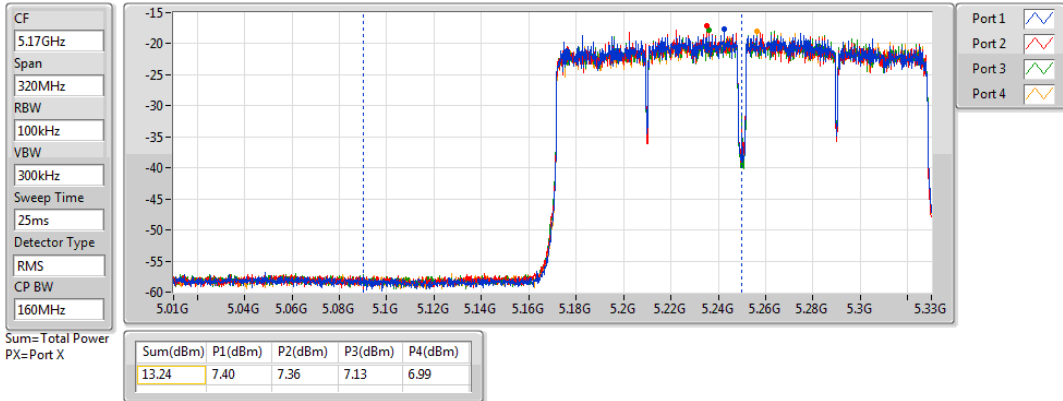


802.11ac VHT160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

04/11/2019

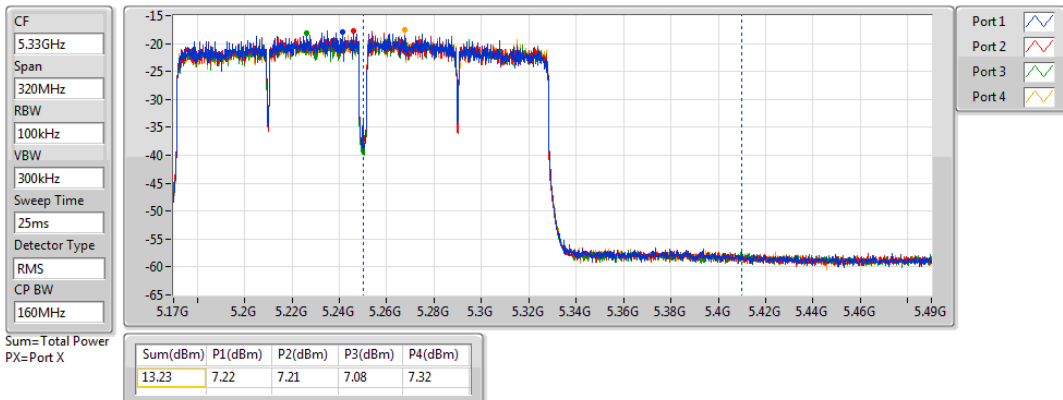


802.11ac VHT160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

04/11/2019

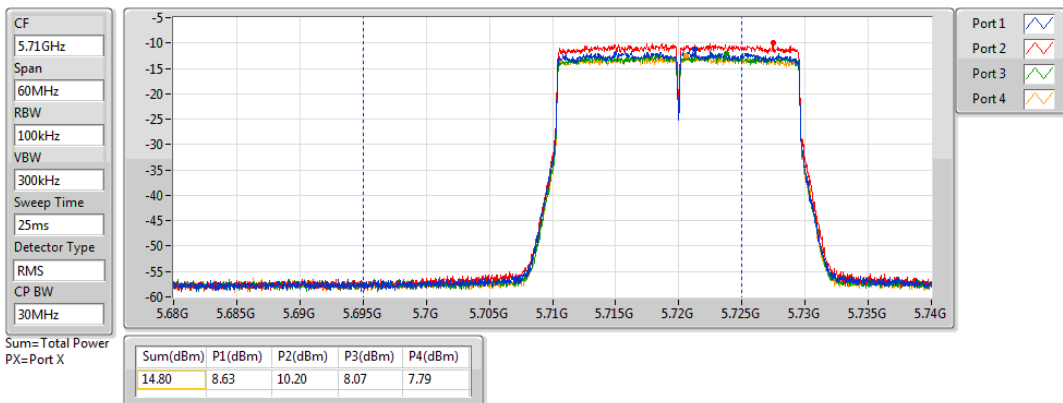


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

04/11/2019

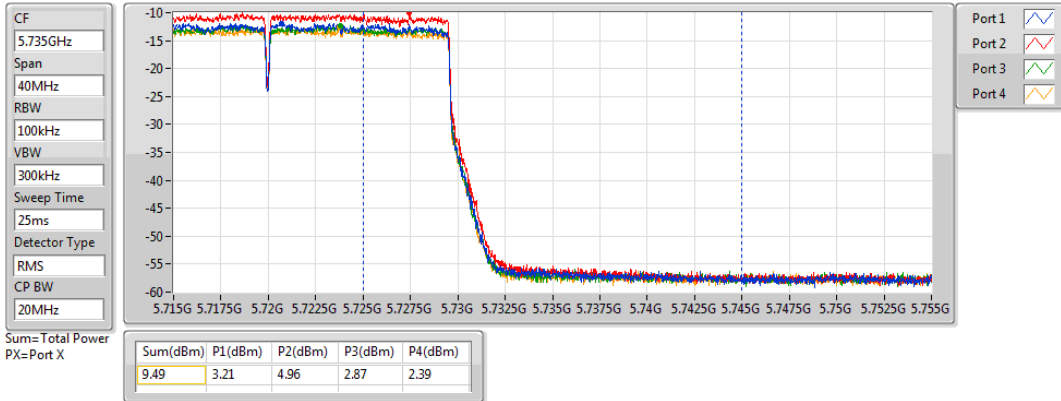


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

04/11/2019

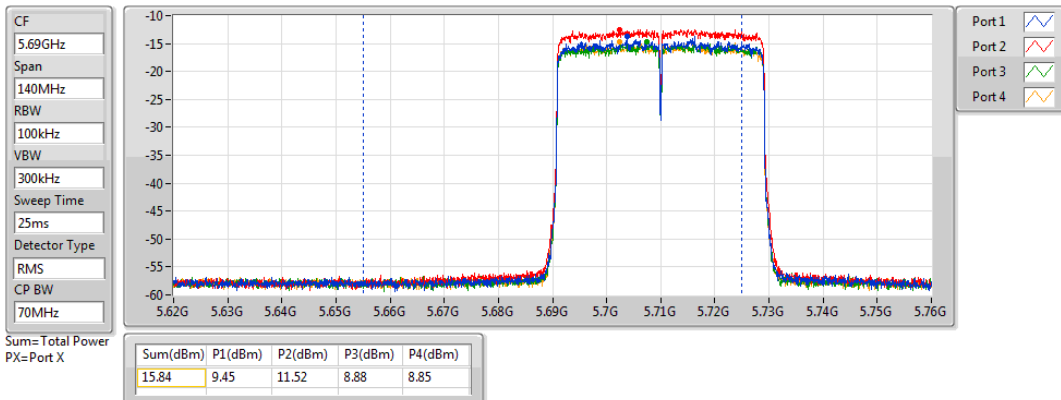


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

04/11/2019

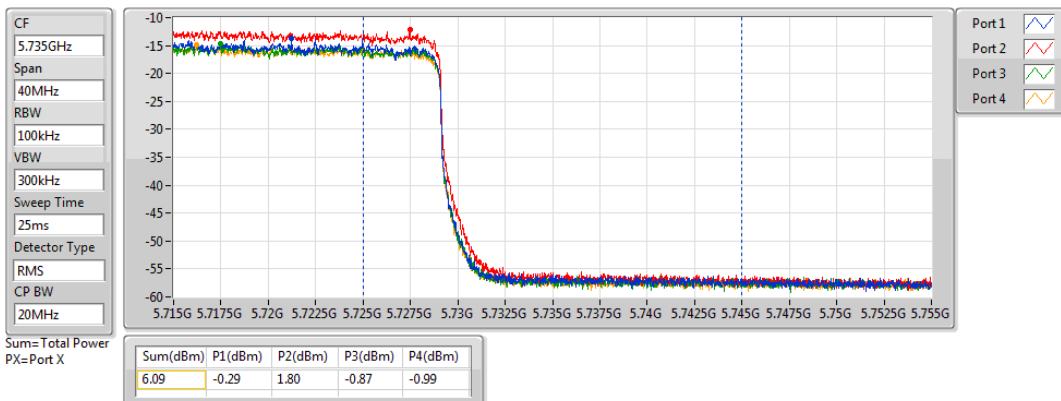


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

04/11/2019

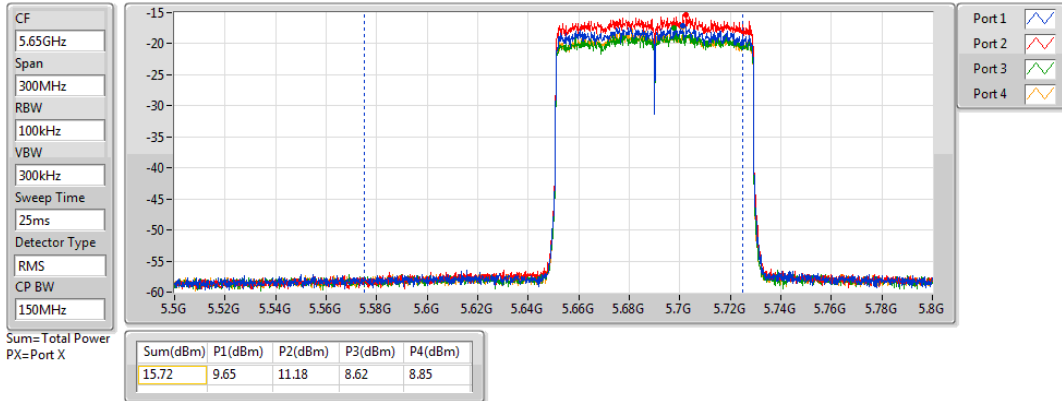


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

04/11/2019

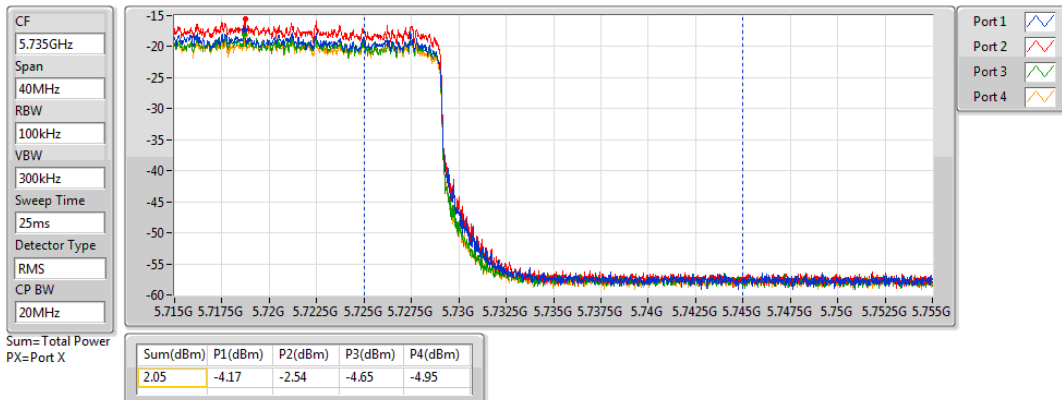


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

04/11/2019

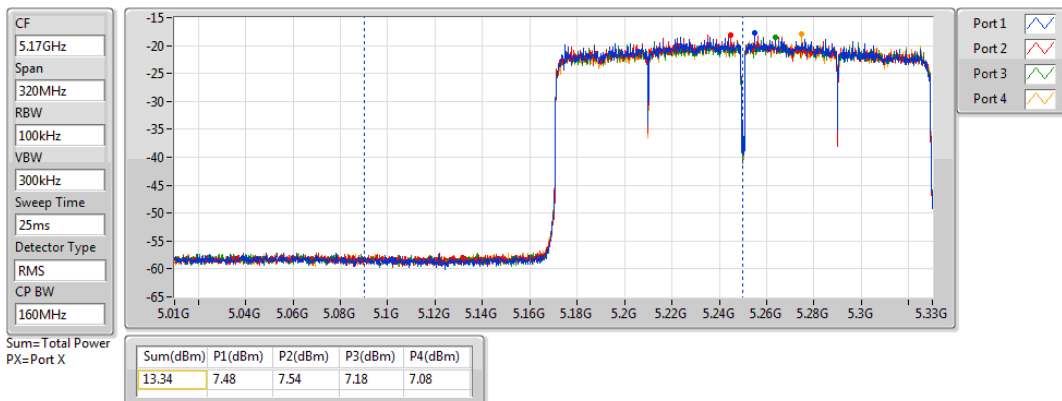


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

04/11/2019

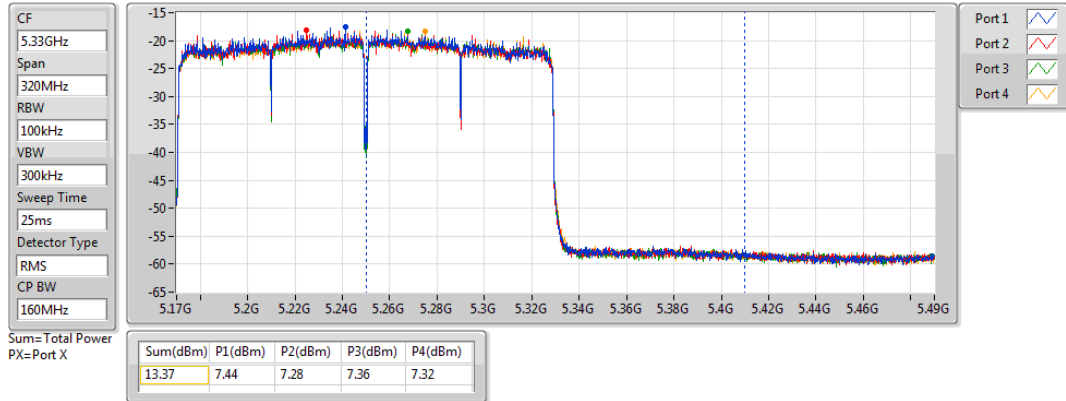


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

04/11/2019



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT160_Nss4,(MCS0)_4TX	14.20	0.02630
802.11ax HEW160_Nss4,(MCS0)_4TX	14.75	0.02985
5.25-5.35GHz	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	21.38	0.13740
802.11ac VHT40_Nss4,(MCS0)_4TX	21.77	0.15031
802.11ac VHT80_Nss4,(MCS0)_4TX	17.89	0.06152
802.11ac VHT160_Nss4,(MCS0)_4TX	14.17	0.02612
802.11ax HEW20_Nss4,(MCS0)_4TX	21.87	0.15382
802.11ax HEW40_Nss4,(MCS0)_4TX	21.81	0.15171
802.11ax HEW80_Nss4,(MCS0)_4TX	18.11	0.06471
802.11ax HEW160_Nss4,(MCS0)_4TX	14.79	0.03013
5.47-5.725GHz	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	21.35	0.13646
802.11ac VHT40_Nss4,(MCS0)_4TX	21.56	0.14322
802.11ac VHT80_Nss4,(MCS0)_4TX	21.58	0.14388
802.11ac VHT160_Nss4,(MCS0)_4TX	15.91	0.03899
802.11ax HEW20_Nss4,(MCS0)_4TX	21.79	0.15101
802.11ax HEW40_Nss4,(MCS0)_4TX	21.86	0.15346
802.11ax HEW80_Nss4,(MCS0)_4TX	21.92	0.15560
802.11ax HEW160_Nss4,(MCS0)_4TX	16.43	0.04395
5.725-5.85GHz	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	14.58	0.02871
802.11ac VHT40_Nss4,(MCS0)_4TX	11.06	0.01276
802.11ac VHT80_Nss4,(MCS0)_4TX	7.36	0.00545
802.11ax HEW20_Nss4,(MCS0)_4TX	15.38	0.03451
802.11ax HEW40_Nss4,(MCS0)_4TX	12.01	0.01589
802.11ax HEW80_Nss4,(MCS0)_4TX	8.64	0.00731

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ac VHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	8.00	14.92	15.07	15.25	16.09	21.38	21.98	16
5300MHz	Pass	8.00	15.11	15.30	15.35	15.45	21.32	21.98	16
5320MHz	Pass	8.00	14.65	15.07	15.25	15.16	21.06	21.98	15.75
5500MHz	Pass	8.00	13.80	14.10	13.97	14.11	20.02	21.98	14.75
5580MHz	Pass	8.00	14.60	15.50	15.28	15.83	21.35	21.98	16
5700MHz	Pass	8.00	13.44	14.04	13.89	14.01	19.87	21.98	14.5
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	13.96	14.18	14.21	14.52	20.24	20.96	15.75
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	8.23	8.48	8.67	8.84	14.58	28.00	15.75
802.11ac VHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	8.00	15.39	15.75	15.72	16.11	21.77	21.98	16.25
5310MHz	Pass	8.00	12.22	12.85	12.82	12.87	18.72	21.98	13.5
5510MHz	Pass	8.00	12.95	13.31	13.07	13.20	19.16	21.98	14
5550MHz	Pass	8.00	15.25	15.74	15.54	15.61	21.56	21.98	16.25
5670MHz	Pass	8.00	14.31	14.85	14.56	15.20	20.76	21.98	15.75
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	15.13	15.28	15.25	15.94	21.43	21.98	16.5
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	4.64	4.95	4.98	5.54	11.06	28.00	16.5
802.11ac VHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	8.00	11.53	11.95	11.84	12.14	17.89	21.98	12.75
5530MHz	Pass	8.00	12.12	12.53	12.47	12.50	18.43	21.98	13.25
5610MHz	Pass	8.00	15.22	16.06	15.19	15.72	21.58	21.98	16.25
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	15.03	15.52	15.25	15.92	21.46	21.98	16.25
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	0.77	1.33	1.39	1.80	7.36	28.00	16.25
802.11ac VHT160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.00	7.79	8.07	8.72	8.10	14.20	28.00	11.5
5250MHz Straddle 5.25-5.35GHz	Pass	8.00	7.78	7.85	8.67	8.25	14.17	21.98	11.5
5570MHz	Pass	8.00	9.55	10.16	10.06	9.78	15.91	21.98	10.5
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	8.00	15.42	15.66	15.78	16.48	21.87	21.98	16
5300MHz	Pass	8.00	15.45	15.74	15.86	16.17	21.83	21.98	16
5320MHz	Pass	8.00	15.23	15.34	15.71	15.67	21.51	21.98	15.75
5500MHz	Pass	8.00	14.25	14.48	14.43	14.61	20.47	21.98	14.75
5580MHz	Pass	8.00	15.06	15.91	15.86	16.17	21.79	21.98	16
5700MHz	Pass	8.00	14.02	14.56	14.13	14.45	20.32	21.98	14.5
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	14.61	14.83	14.80	15.09	20.86	20.93	15.75
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	9.03	9.35	9.40	9.62	15.38	28.00	15.75
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	8.00	15.47	15.61	15.84	16.19	21.81	21.98	16.25
5310MHz	Pass	8.00	12.68	13.01	13.18	12.96	18.98	21.98	13.5
5510MHz	Pass	8.00	13.36	13.58	13.49	13.52	19.51	21.98	14
5550MHz	Pass	8.00	15.66	15.97	15.80	15.93	21.86	21.98	16.25
5670MHz	Pass	8.00	14.74	15.11	14.88	15.41	21.06	21.98	15.75
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	15.52	15.68	15.71	16.08	21.77	21.98	16.5
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	5.56	5.89	6.08	6.39	12.01	28.00	16.5

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	8.00	11.83	12.06	12.12	12.35	18.11	21.98	12.75
5530MHz	Pass	8.00	12.40	12.72	12.68	12.90	18.70	21.98	13.25
5610MHz	Pass	8.00	15.54	16.09	15.52	15.95	21.80	21.98	16.25
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	15.50	15.97	15.74	16.33	21.92	21.98	16.25
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	1.98	2.59	2.77	3.06	8.64	28.00	16.25
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.00	8.25	8.63	9.39	8.55	14.75	28.00	11.5
5250MHz Straddle 5.25-5.35GHz	Pass	8.00	8.41	8.47	9.24	8.91	14.79	21.98	11.5
5570MHz	Pass	8.00	10.08	10.65	10.52	10.38	16.43	21.98	10.5

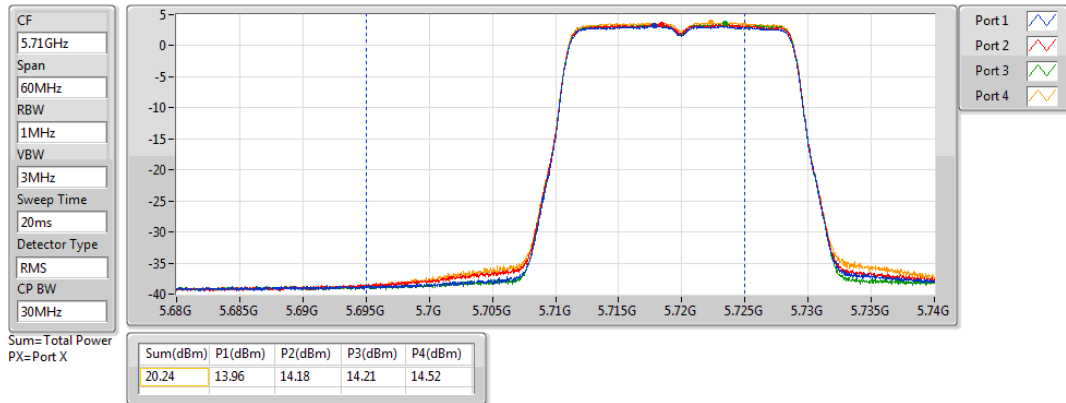
DG = Directional Gain; **Port X** = Port X output power

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

802.11ac VHT20_Nss4,(MCS0)_4TX

AV Power

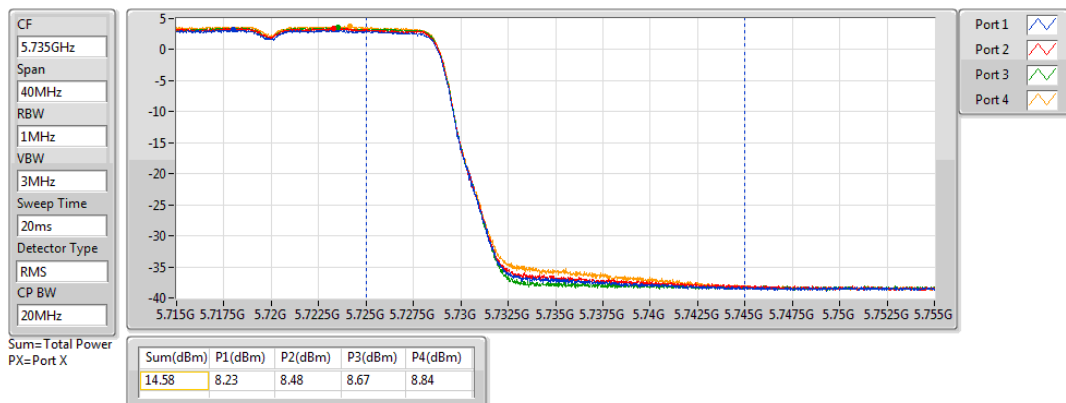
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20_Nss4,(MCS0)_4TX

AV Power

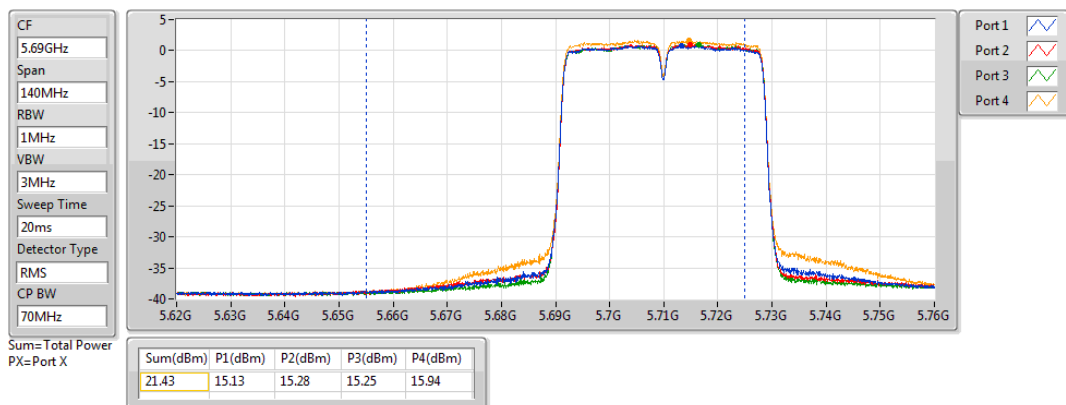
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT40_Nss4,(MCS0)_4TX

AV Power

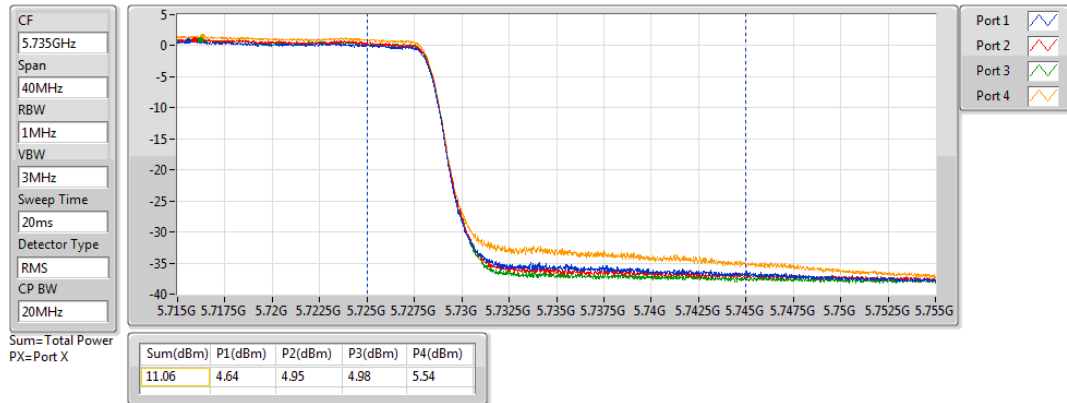
5710MHz Straddle 5.47-5.725GHz



802.11ac VHT40_Nss4,(MCS0)_4TX

AV Power

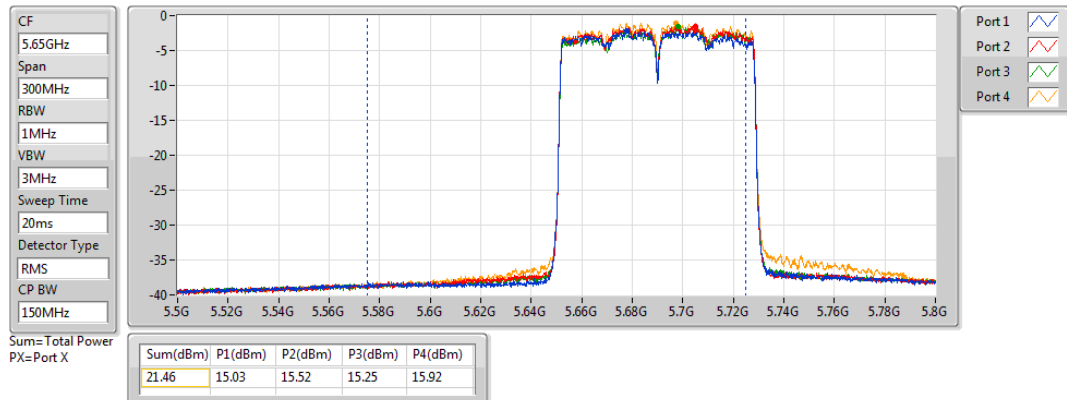
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT80_Nss4,(MCS0)_4TX

AV Power

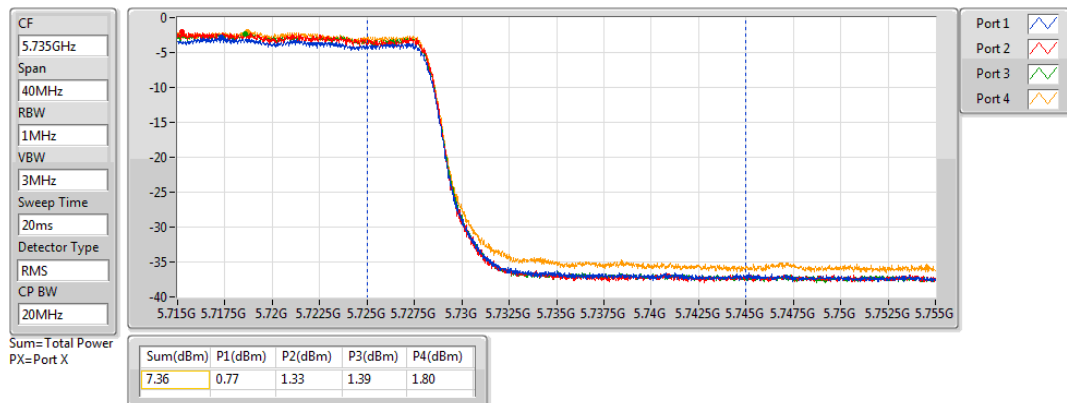
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss4,(MCS0)_4TX

AV Power

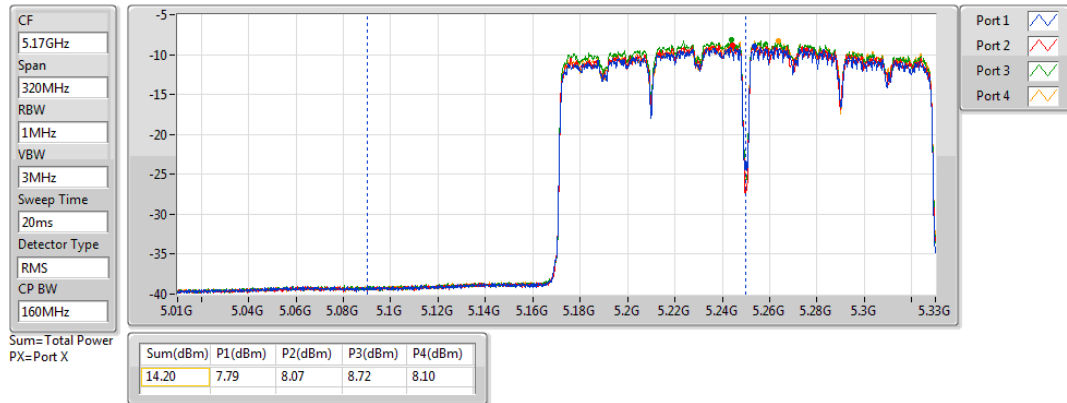
5690MHz Straddle 5.725-5.85GHz



802.11ac VHT160_Nss4,(MCS0)_4TX

AV Power

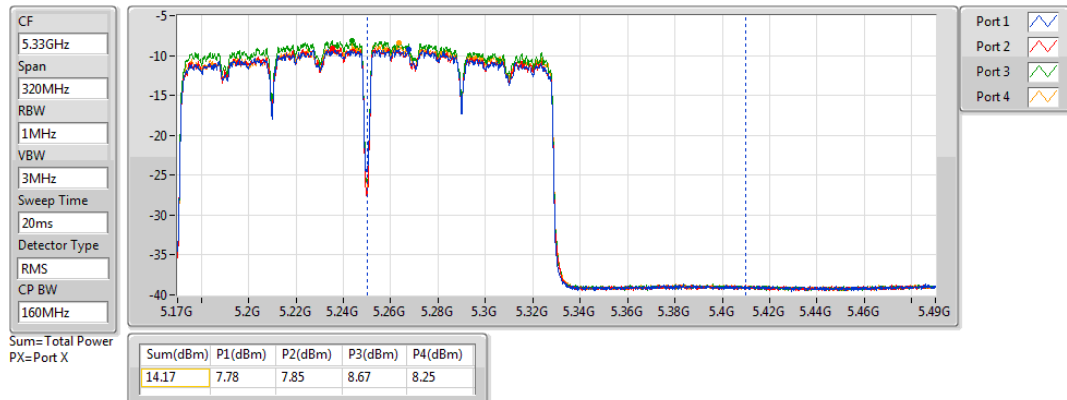
5250MHz Straddle 5.15-5.25GHz



802.11ac VHT160_Nss4,(MCS0)_4TX

AV Power

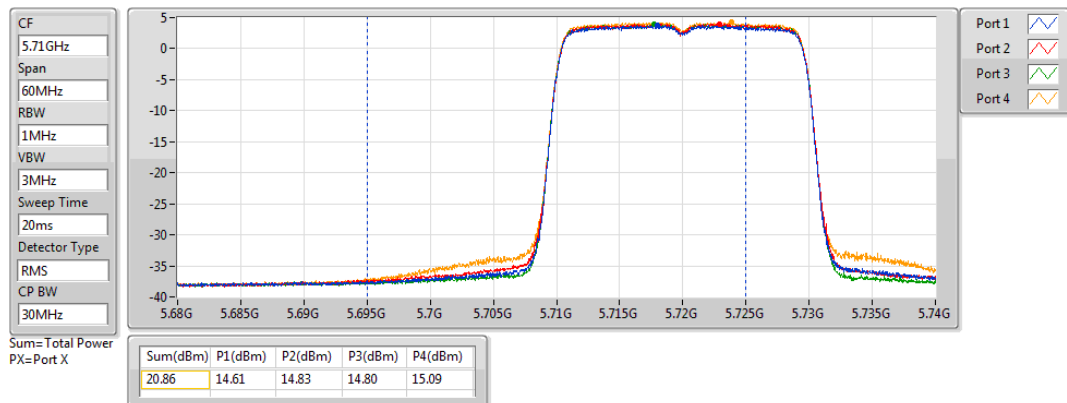
5250MHz Straddle 5.25-5.35GHz



802.11ax HEW20_Nss4,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

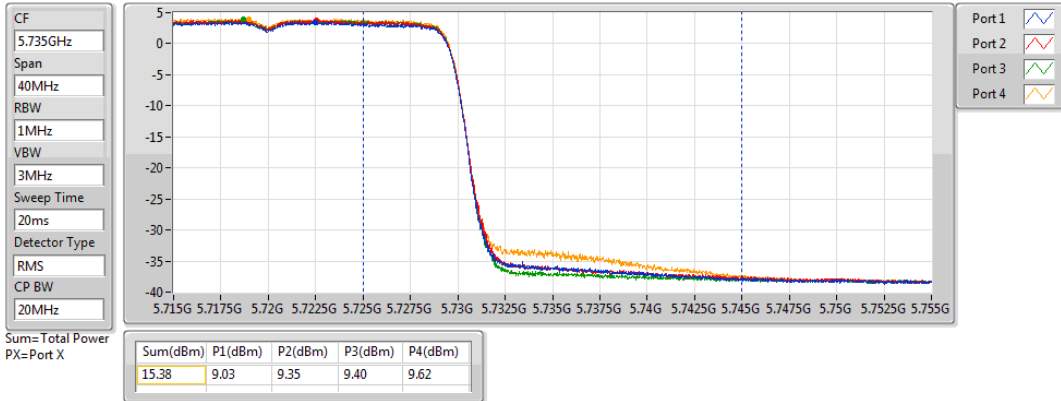


802.11ax HEW20_Nss4,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

03/11/2019

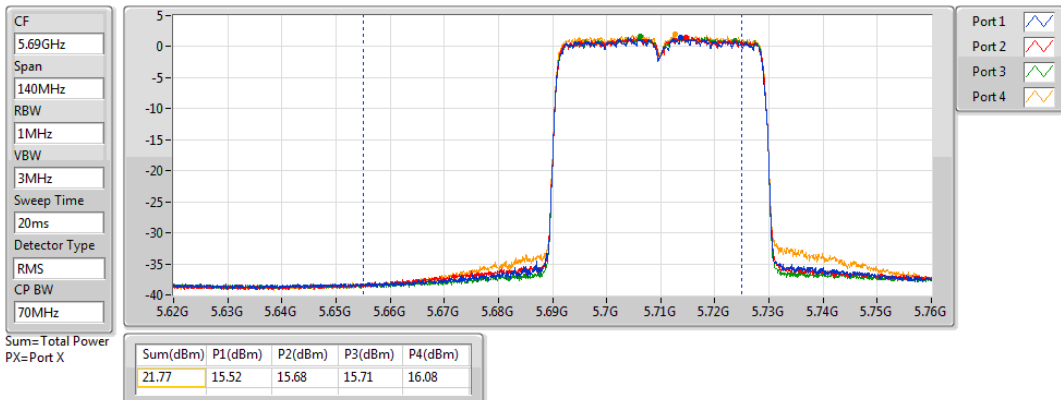


802.11ax HEW40_Nss4,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

10/11/2019

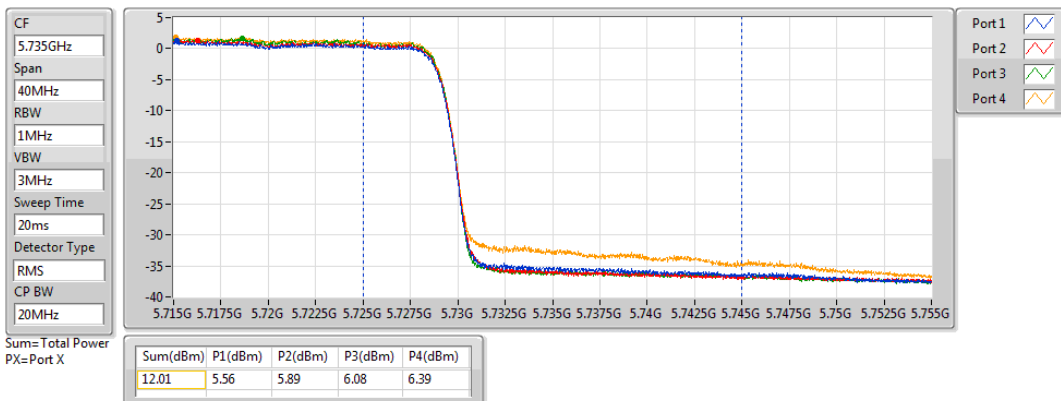


802.11ax HEW40_Nss4,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

03/11/2019

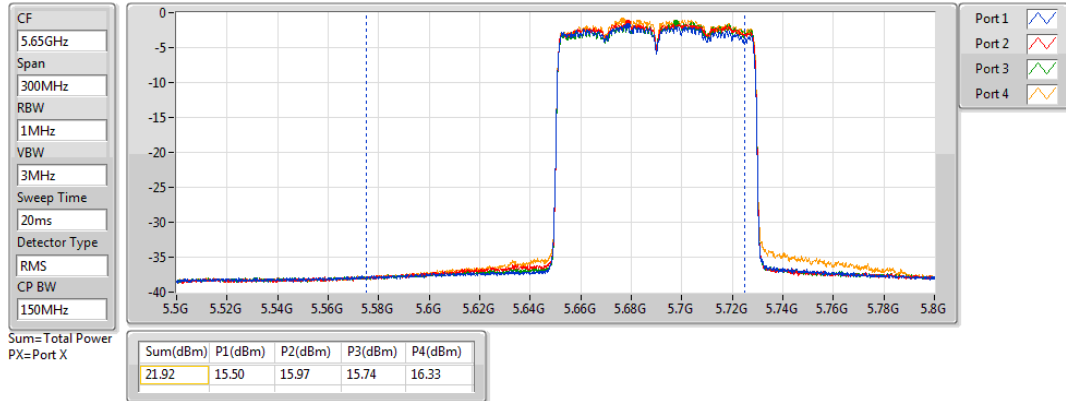


802.11ax HEW80_Nss4,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

03/11/2019

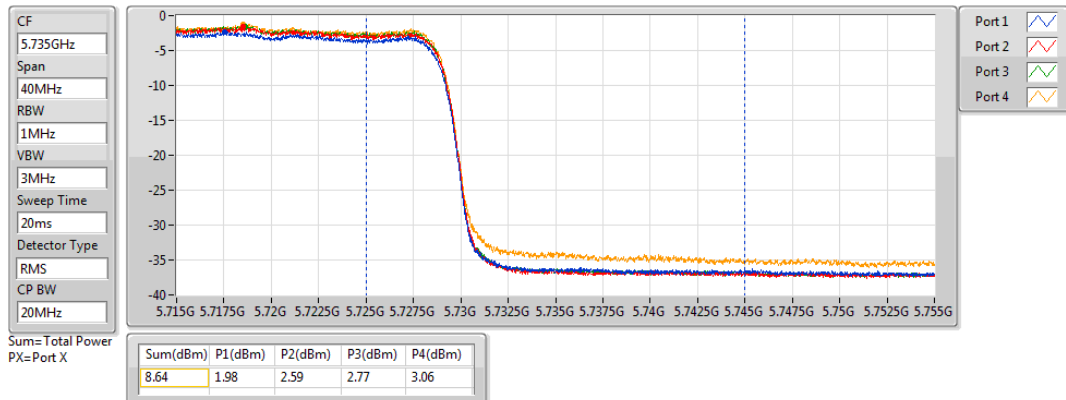


802.11ax HEW80_Nss4,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

03/11/2019

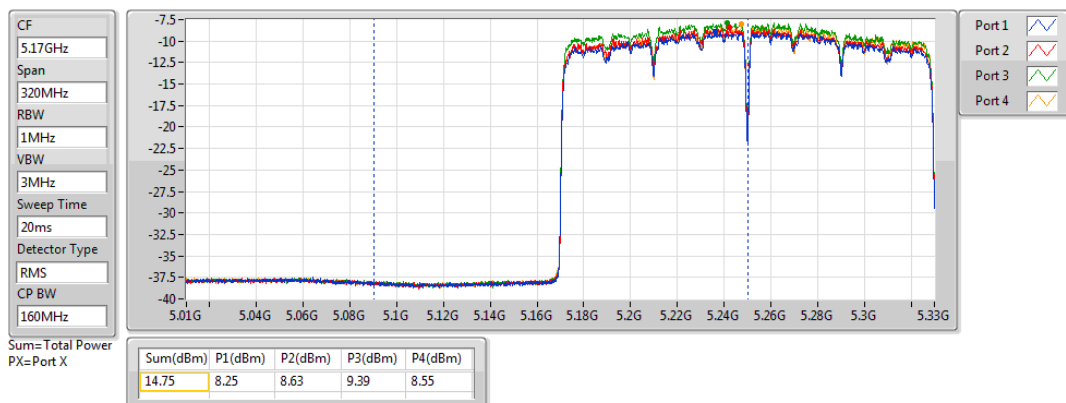


802.11ax HEW160_Nss4,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

03/11/2019

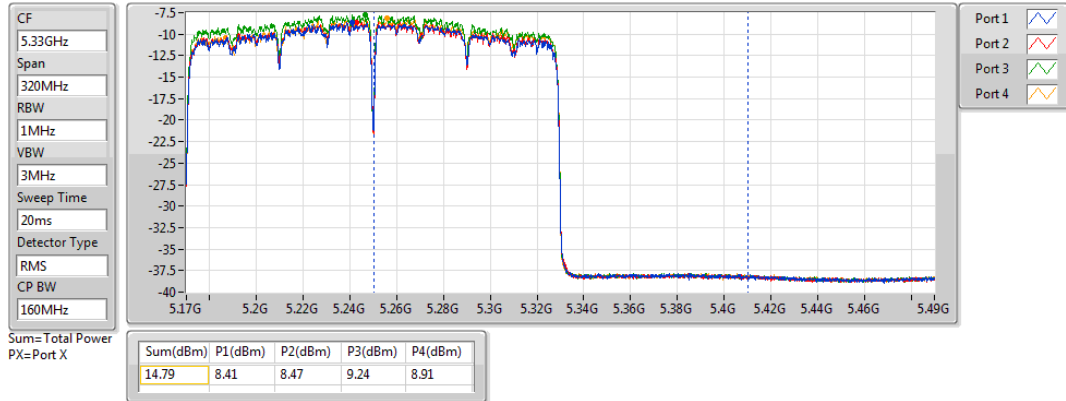


802.11ax HEW160_Nss4,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

03/11/2019



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT160_Nss1,(MCS0)_1TX	12.08	0.01614
802.11ax HEW160_Nss1,(MCS0)_1TX	12.23	0.01671
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	18.86	0.07691
802.11ac VHT20_Nss1,(MCS0)_1TX	19.14	0.08204
802.11ac VHT40_Nss1,(MCS0)_1TX	18.98	0.07907
802.11ac VHT80_Nss1,(MCS0)_1TX	15.23	0.03334
802.11ac VHT160_Nss1,(MCS0)_1TX	12.07	0.01611
802.11ax HEW20_Nss1,(MCS0)_1TX	19.26	0.08433
802.11ax HEW40_Nss1,(MCS0)_1TX	19.25	0.08414
802.11ax HEW80_Nss1,(MCS0)_1TX	15.51	0.03556
802.11ax HEW160_Nss1,(MCS0)_1TX	12.24	0.01675
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	18.68	0.07379
802.11ac VHT20_Nss1,(MCS0)_1TX	19.07	0.08072
802.11ac VHT40_Nss1,(MCS0)_1TX	19.01	0.07962
802.11ac VHT80_Nss1,(MCS0)_1TX	19.01	0.07962
802.11ac VHT160_Nss1,(MCS0)_1TX	11.16	0.01306
802.11ax HEW20_Nss1,(MCS0)_1TX	19.22	0.08356
802.11ax HEW40_Nss1,(MCS0)_1TX	19.21	0.08337
802.11ax HEW80_Nss1,(MCS0)_1TX	19.17	0.08260
802.11ax HEW160_Nss1,(MCS0)_1TX	11.42	0.01387
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	11.89	0.01545
802.11ac VHT20_Nss1,(MCS0)_1TX	12.77	0.01892
802.11ac VHT40_Nss1,(MCS0)_1TX	8.58	0.00721
802.11ac VHT80_Nss1,(MCS0)_1TX	4.73	0.00297
802.11ax HEW20_Nss1,(MCS0)_1TX	13.32	0.02148
802.11ax HEW40_Nss1,(MCS0)_1TX	9.46	0.00883
802.11ax HEW80_Nss1,(MCS0)_1TX	5.47	0.00352



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	18.78	18.78	19.28	19.5
5300MHz	Pass	10.70	18.86	18.86	19.28	19.5
5320MHz	Pass	10.70	18.11	18.11	19.28	18.75
5500MHz	Pass	10.70	13.43	13.43	19.28	14
5580MHz	Pass	10.70	18.68	18.68	19.28	19.5
5700MHz	Pass	10.70	13.81	13.81	19.28	14.5
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	18.34	18.34	19.28	19.5
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	11.89	11.89	25.30	19.5
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5260MHz	Pass	10.70	19.14	19.14	19.28	19.75
5300MHz	Pass	10.70	19.09	19.09	19.28	19.75
5320MHz	Pass	10.70	17.56	17.56	19.28	18
5500MHz	Pass	10.70	14.48	14.48	19.28	15.25
5580MHz	Pass	10.70	19.07	19.07	19.28	19.75
5700MHz	Pass	10.70	11.34	11.34	19.28	12
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	18.48	18.48	19.28	19.75
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	12.77	12.77	25.30	19.75
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5270MHz	Pass	10.70	18.98	18.98	19.28	19.5
5310MHz	Pass	10.70	15.43	15.43	19.28	16.25
5510MHz	Pass	10.70	13.39	13.39	19.28	14
5550MHz	Pass	10.70	19.01	19.01	19.28	19.5
5670MHz	Pass	10.70	15.45	15.45	19.28	16.5
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	18.98	18.98	19.28	19.75
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	8.58	8.58	25.30	19.75
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5290MHz	Pass	10.70	15.23	15.23	19.28	16
5530MHz	Pass	10.70	13.74	13.74	19.28	14.5
5610MHz	Pass	10.70	17.32	17.32	19.28	17.75
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	19.01	19.01	19.28	19.25
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	4.73	4.73	25.30	19.25
802.11ac VHT160_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	10.70	12.08	12.08	25.30	15.25
5250MHz Straddle 5.25-5.35GHz	Pass	10.70	12.07	12.07	19.28	15.25
5570MHz	Pass	10.70	11.16	11.16	19.28	12
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5260MHz	Pass	10.70	19.21	19.21	19.28	19.75
5300MHz	Pass	10.70	19.26	19.26	19.28	19.75
5320MHz	Pass	10.70	17.68	17.68	19.28	18
5500MHz	Pass	10.70	14.62	14.62	19.28	15.25
5580MHz	Pass	10.70	19.22	19.22	19.28	19.75
5700MHz	Pass	10.70	11.43	11.43	19.28	12
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	18.51	18.51	19.28	19.75



Average Power_Radio 2 / External Antenna 12

Appendix B.11

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	13.32	13.32	25.30	19.75
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5270MHz	Pass	10.70	19.25	19.25	19.28	19.5
5310MHz	Pass	10.70	15.66	15.66	19.28	16.25
5510MHz	Pass	10.70	13.51	13.51	19.28	14
5550MHz	Pass	10.70	19.21	19.21	19.28	19.5
5670MHz	Pass	10.70	15.59	15.59	19.28	16.5
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	19.13	19.13	19.28	19.75
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	9.46	9.46	25.30	19.75
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5290MHz	Pass	10.70	15.51	15.51	19.28	16
5530MHz	Pass	10.70	13.87	13.87	19.28	14.5
5610MHz	Pass	10.70	17.45	17.45	19.28	17.75
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	19.17	19.17	19.28	19.25
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	5.47	5.47	25.30	19.25
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	10.70	12.23	12.23	25.30	15.25
5250MHz Straddle 5.25-5.35GHz	Pass	10.70	12.24	12.24	19.28	15.25
5570MHz	Pass	10.70	11.42	11.42	19.28	12

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

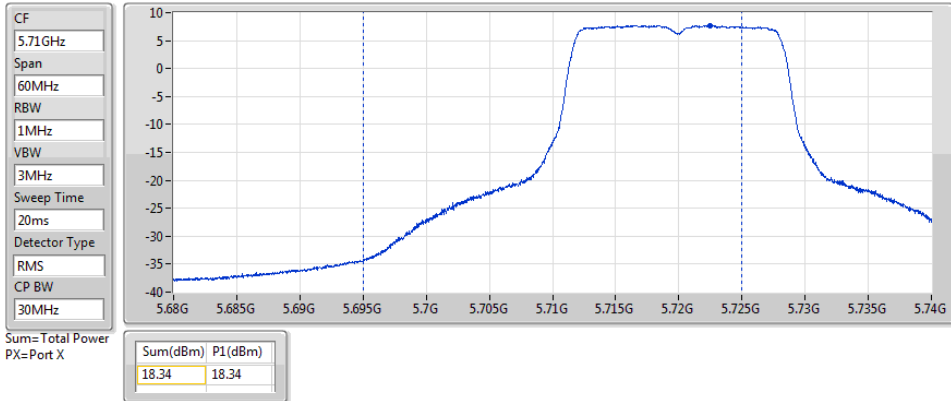
Note : Conducted setting = Pass conducted setting division 4

802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

06/11/2019

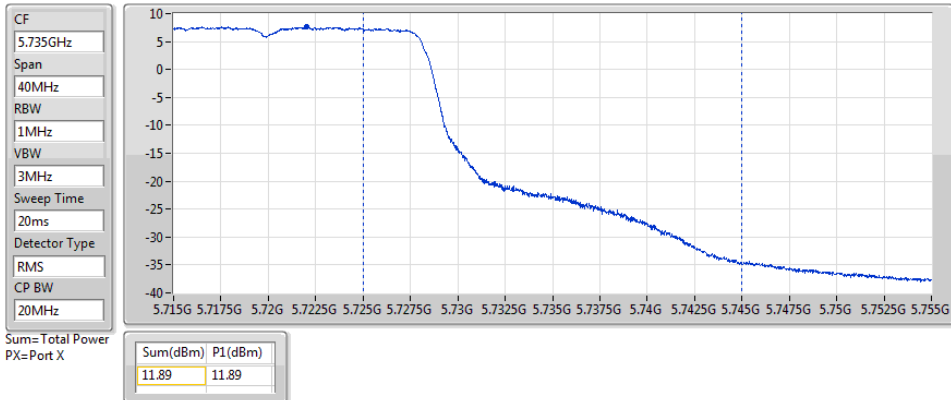


802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

06/11/2019

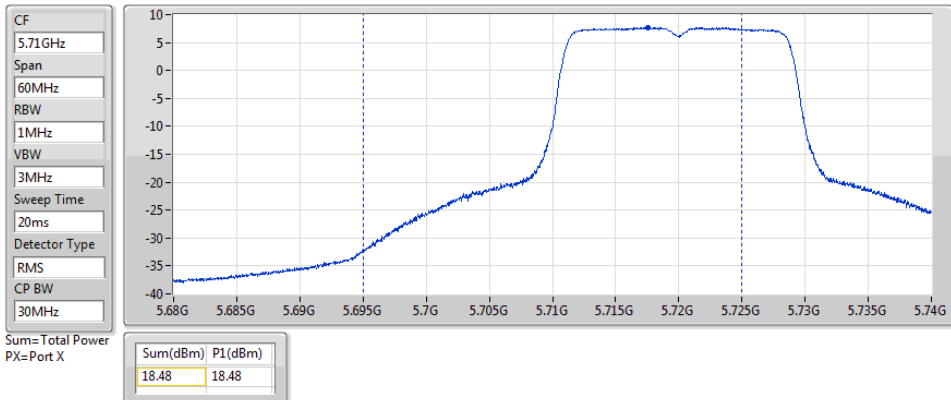


802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

07/11/2019

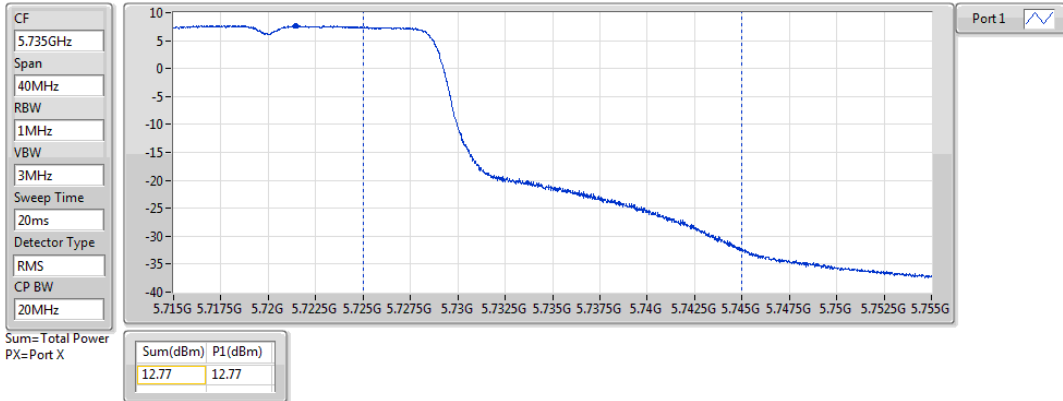


802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

07/11/2019

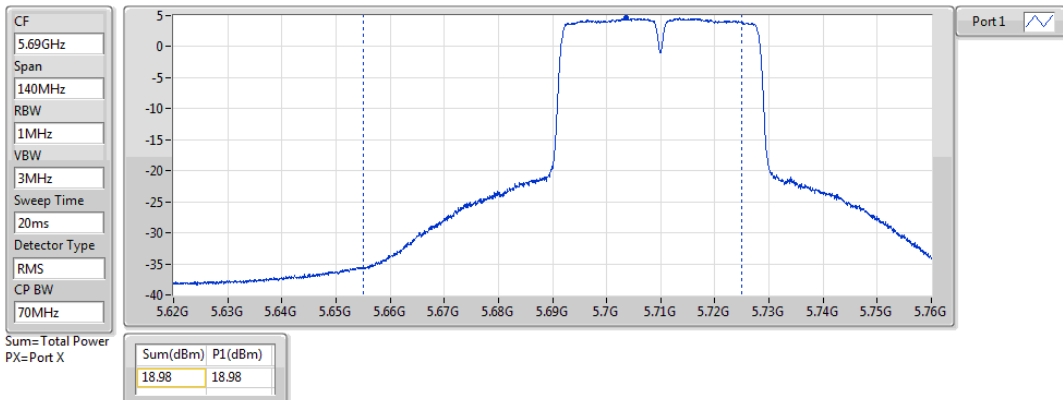


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

06/11/2019

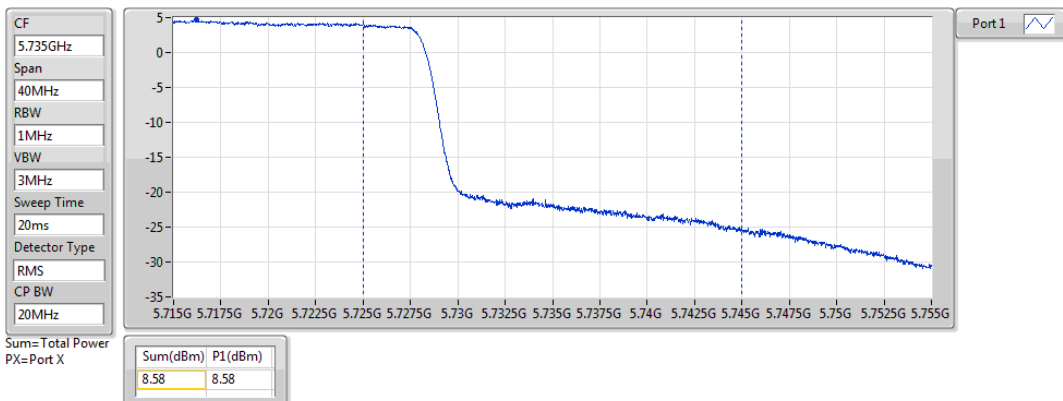


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

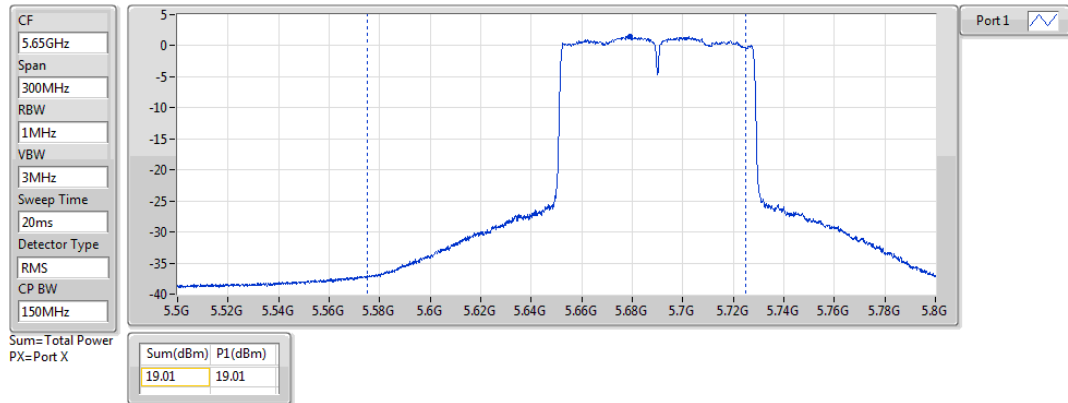
06/11/2019



802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

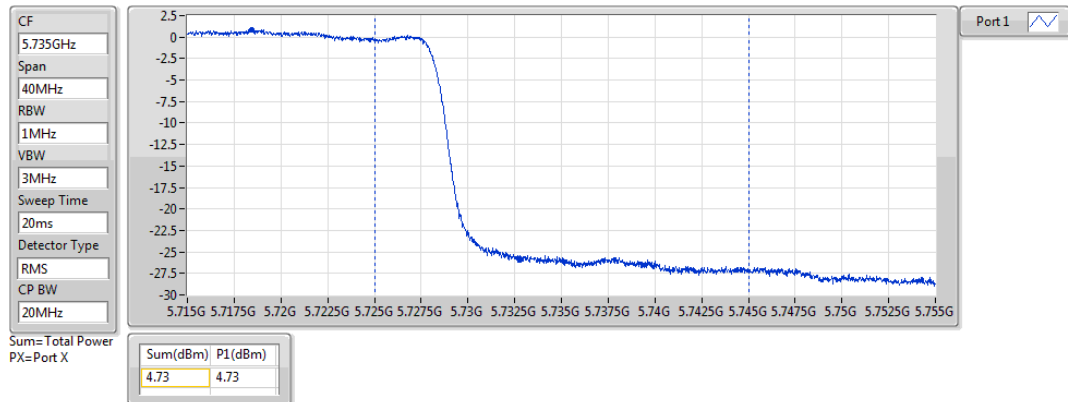
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

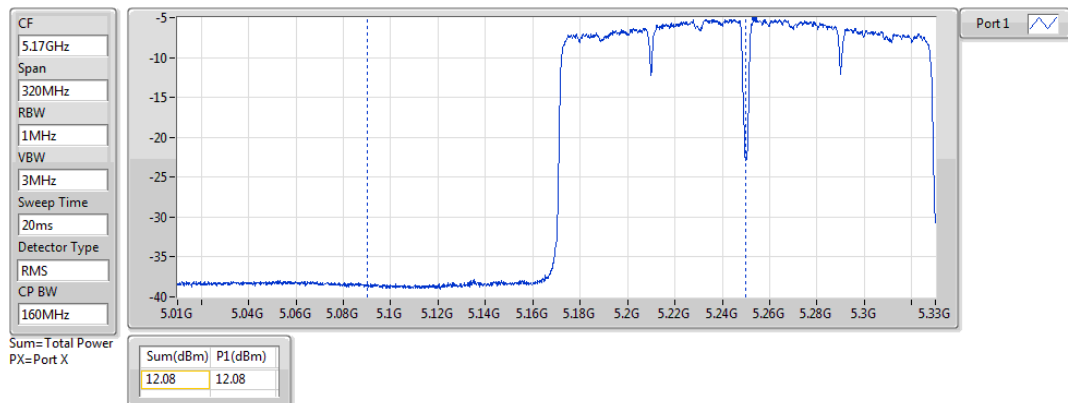
5690MHz Straddle 5.725-5.85GHz



802.11ac VHT160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.15-5.25GHz

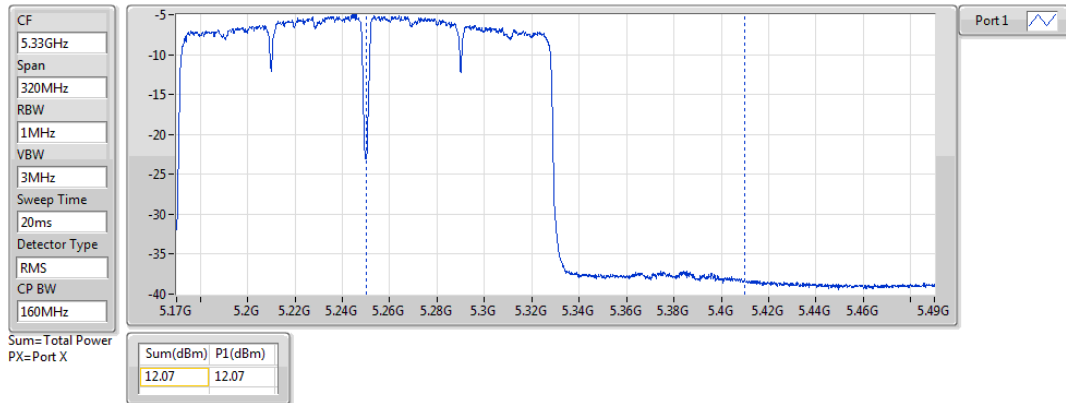


802.11ac VHT160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.25-5.35GHz

06/11/2019

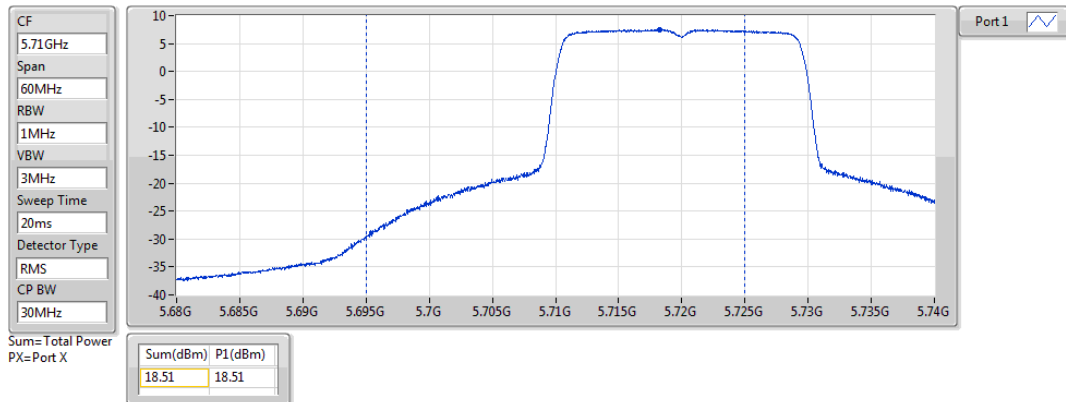


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

07/11/2019

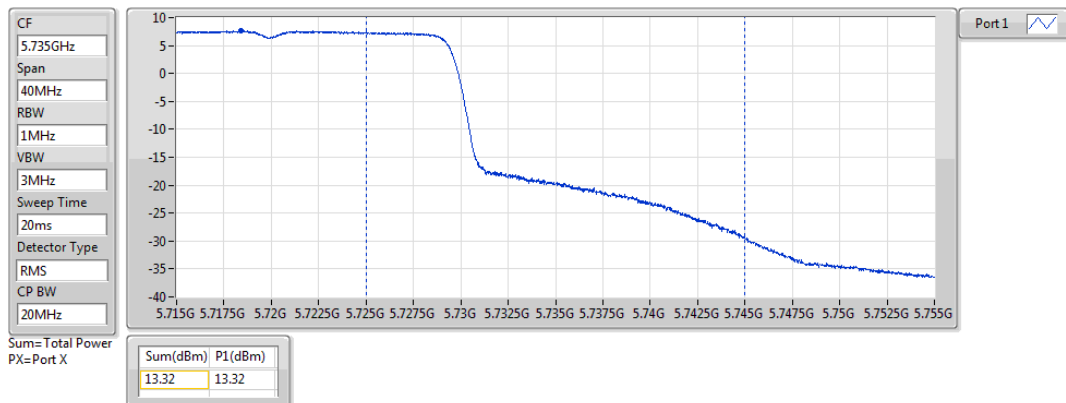


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

07/11/2019

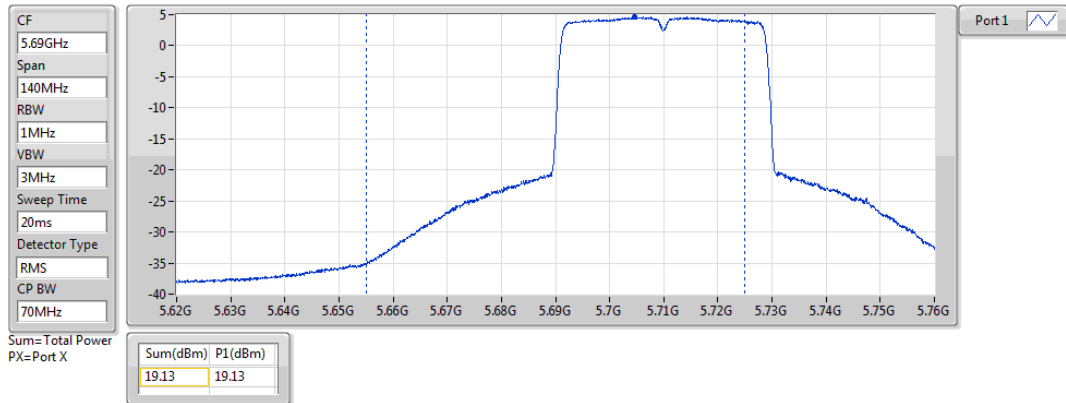


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

06/11/2019

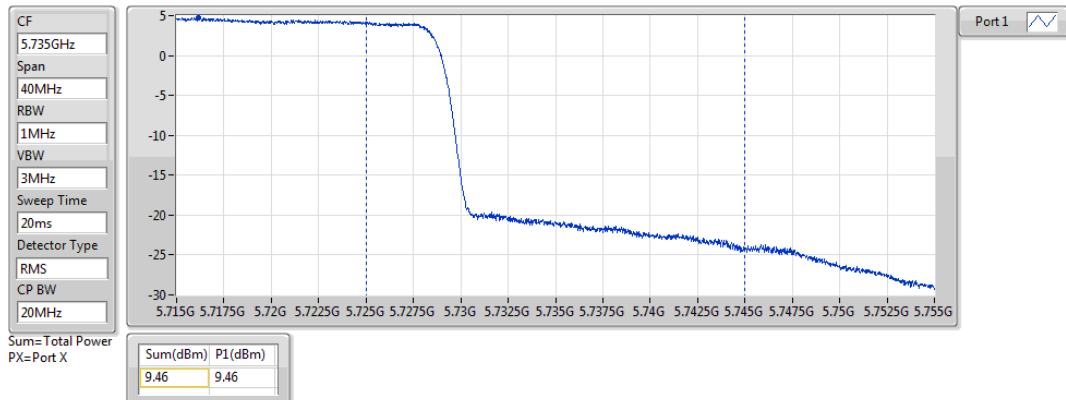


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

06/11/2019

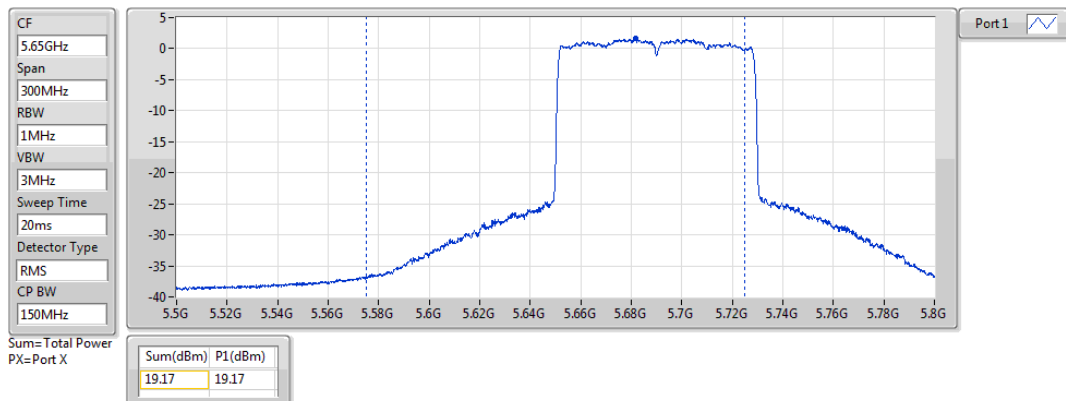


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz

06/11/2019

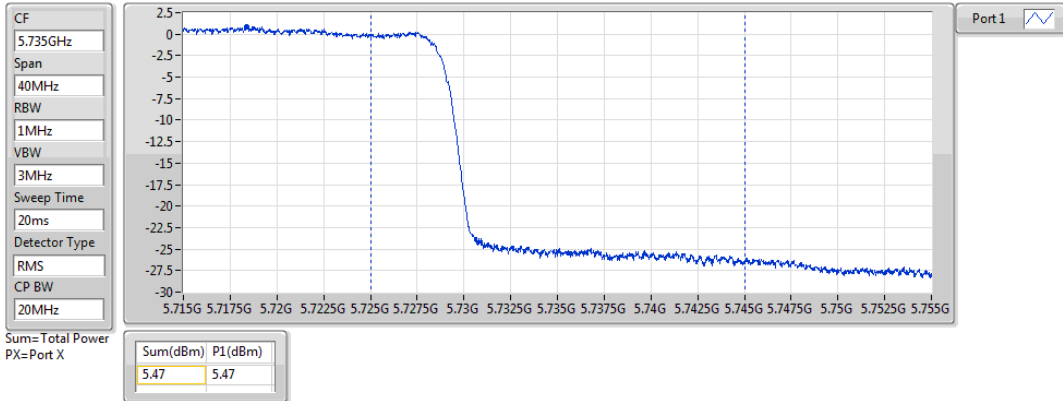


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

06/11/2019

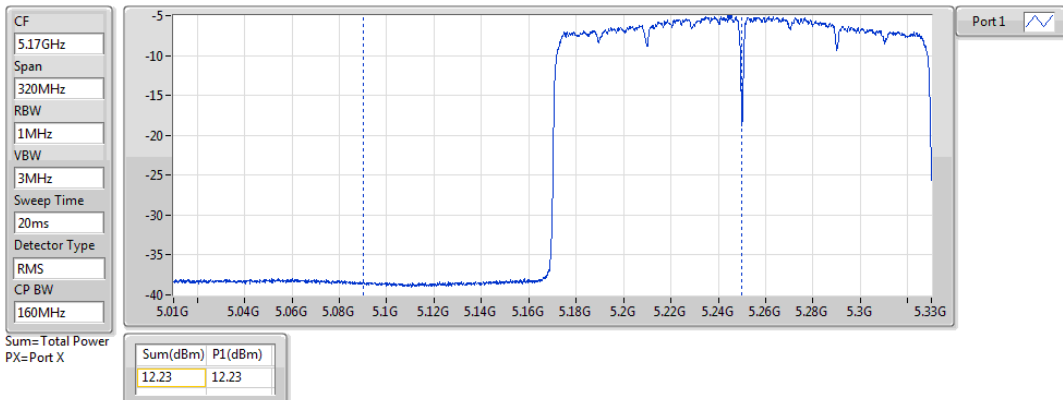


802.11ax HEW160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.15-5.25GHz

06/11/2019

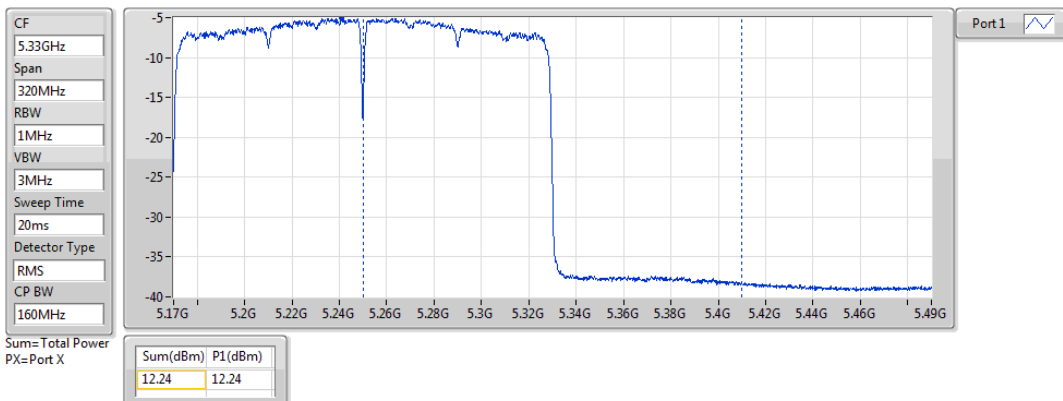


802.11ax HEW160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.25-5.35GHz

06/11/2019



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT160_Nss2,(MCS0)_2TX	11.61	0.01449
802.11ax HEW160_Nss2,(MCS0)_2TX	11.78	0.01507
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	15.90	0.03890
802.11ac VHT20_Nss2,(MCS0)_2TX	18.98	0.07907
802.11ac VHT40_Nss2,(MCS0)_2TX	18.96	0.07870
802.11ac VHT80_Nss2,(MCS0)_2TX	15.60	0.03631
802.11ac VHT160_Nss2,(MCS0)_2TX	11.47	0.01403
802.11ax HEW20_Nss2,(MCS0)_2TX	19.18	0.08279
802.11ax HEW40_Nss2,(MCS0)_2TX	19.24	0.08395
802.11ax HEW80_Nss2,(MCS0)_2TX	15.91	0.03899
802.11ax HEW160_Nss2,(MCS0)_2TX	11.70	0.01479
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	15.74	0.03750
802.11ac VHT20_Nss2,(MCS0)_2TX	19.01	0.07962
802.11ac VHT40_Nss2,(MCS0)_2TX	19.13	0.08185
802.11ac VHT80_Nss2,(MCS0)_2TX	19.01	0.07962
802.11ac VHT160_Nss2,(MCS0)_2TX	12.67	0.01849
802.11ax HEW20_Nss2,(MCS0)_2TX	19.14	0.08204
802.11ax HEW40_Nss2,(MCS0)_2TX	19.24	0.08395
802.11ax HEW80_Nss2,(MCS0)_2TX	19.22	0.08356
802.11ax HEW160_Nss2,(MCS0)_2TX	13.00	0.01995
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	8.71	0.00743
802.11ac VHT20_Nss2,(MCS0)_2TX	12.24	0.01675
802.11ac VHT40_Nss2,(MCS0)_2TX	8.51	0.00710
802.11ac VHT80_Nss2,(MCS0)_2TX	4.95	0.00313
802.11ax HEW20_Nss2,(MCS0)_2TX	12.71	0.01866
802.11ax HEW40_Nss2,(MCS0)_2TX	9.10	0.00813
802.11ax HEW80_Nss2,(MCS0)_2TX	5.31	0.00340

**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	12.49	12.87	15.69	19.28	13.5
5300MHz	Pass	10.70	12.59	12.95	15.78	19.28	13.5
5320MHz	Pass	10.70	12.67	13.09	15.90	19.28	13.5
5500MHz	Pass	10.70	11.97	12.46	15.23	19.28	12.75
5580MHz	Pass	10.70	12.31	13.12	15.74	19.28	13.5
5700MHz	Pass	10.70	12.24	12.70	15.49	19.28	13
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	11.87	12.31	15.11	18.24	13.25
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	5.51	5.89	8.71	25.30	13.25
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5260MHz	Pass	10.70	15.66	16.02	18.85	19.28	16.5
5300MHz	Pass	10.70	15.85	16.08	18.98	19.28	16.5
5320MHz	Pass	10.70	15.41	15.64	18.54	19.28	16
5500MHz	Pass	10.70	13.95	14.33	17.15	19.28	14.75
5580MHz	Pass	10.70	15.64	16.33	19.01	19.28	16.5
5700MHz	Pass	10.70	11.97	12.52	15.26	19.28	12.75
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	14.83	14.91	17.88	18.28	16
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	9.13	9.33	12.24	25.30	16
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5270MHz	Pass	10.70	15.78	16.12	18.96	19.28	16.75
5310MHz	Pass	10.70	13.17	13.41	16.30	19.28	14
5510MHz	Pass	10.70	11.59	12.08	14.85	19.28	12.25
5550MHz	Pass	10.70	15.93	16.31	19.13	19.28	16.5
5670MHz	Pass	10.70	11.71	12.39	15.07	19.28	12.75
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	15.95	16.27	19.12	19.28	16.75
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	5.33	5.67	8.51	25.30	16.75
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5290MHz	Pass	10.70	12.48	12.69	15.60	19.28	13.5
5530MHz	Pass	10.70	11.86	12.32	15.11	19.28	12.75
5610MHz	Pass	10.70	15.54	16.22	18.90	19.28	16.25
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	15.66	16.31	19.01	19.28	16.25
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	1.36	2.45	4.95	25.30	16.25
802.11ac VHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	10.70	8.36	8.82	11.61	25.30	11.75
5250MHz Straddle 5.25-5.35GHz	Pass	10.70	8.28	8.64	11.47	19.28	11.75
5570MHz	Pass	10.70	9.37	9.93	12.67	19.28	10.25
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5260MHz	Pass	10.70	15.97	16.19	19.09	19.28	16.5
5300MHz	Pass	10.70	15.94	16.39	19.18	19.28	16.5
5320MHz	Pass	10.70	15.57	15.81	18.70	19.28	16
5500MHz	Pass	10.70	14.23	14.62	17.44	19.28	14.75
5580MHz	Pass	10.70	15.81	16.42	19.14	19.28	16.5
5700MHz	Pass	10.70	12.29	12.62	15.47	19.28	12.75
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	14.96	15.23	18.11	18.23	16



Average Power_Radio 2 / External Antenna 12

Appendix B.12

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	9.54	9.86	12.71	25.30	16
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5270MHz	Pass	10.70	16.13	16.32	19.24	19.28	16.75
5310MHz	Pass	10.70	13.28	13.53	16.42	19.28	14
5510MHz	Pass	10.70	11.73	12.20	14.98	19.28	12.25
5550MHz	Pass	10.70	16.05	16.40	19.24	19.28	16.5
5670MHz	Pass	10.70	11.75	12.53	15.17	19.28	12.75
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	16.08	16.35	19.23	19.28	16.75
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	5.88	6.29	9.10	25.30	16.75
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5290MHz	Pass	10.70	12.78	13.01	15.91	19.28	13.5
5530MHz	Pass	10.70	12.13	12.70	15.43	19.28	12.75
5610MHz	Pass	10.70	15.71	16.42	19.09	19.28	16.25
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	15.93	16.47	19.22	19.28	16.25
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	1.86	2.69	5.31	25.30	16.25
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	10.70	8.62	8.92	11.78	25.30	11.75
5250MHz Straddle 5.25-5.35GHz	Pass	10.70	8.52	8.85	11.70	19.28	11.75
5570MHz	Pass	10.70	9.71	10.25	13.00	19.28	10.25

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

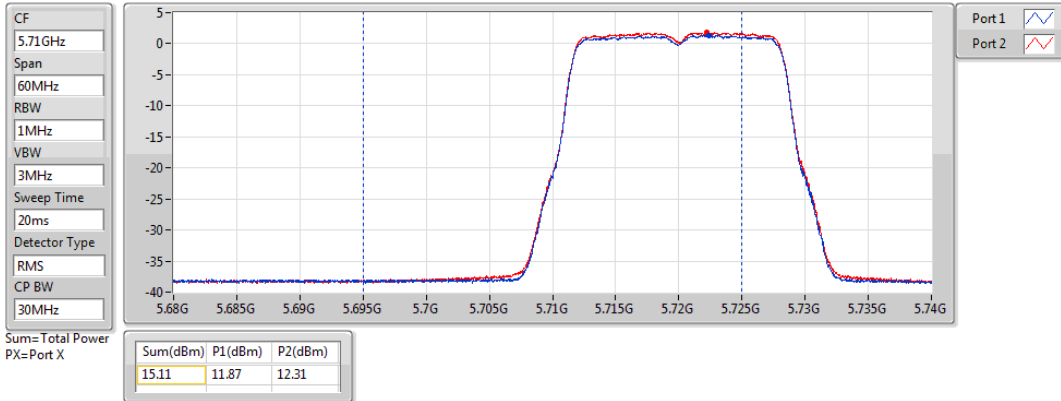
Note : Conducted setting = Pass conducted setting division 4

802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

07/11/2019

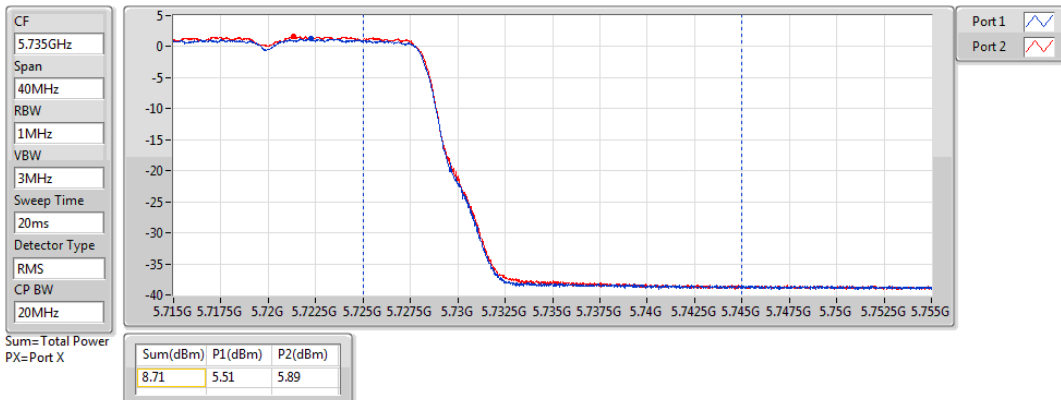


802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

07/11/2019

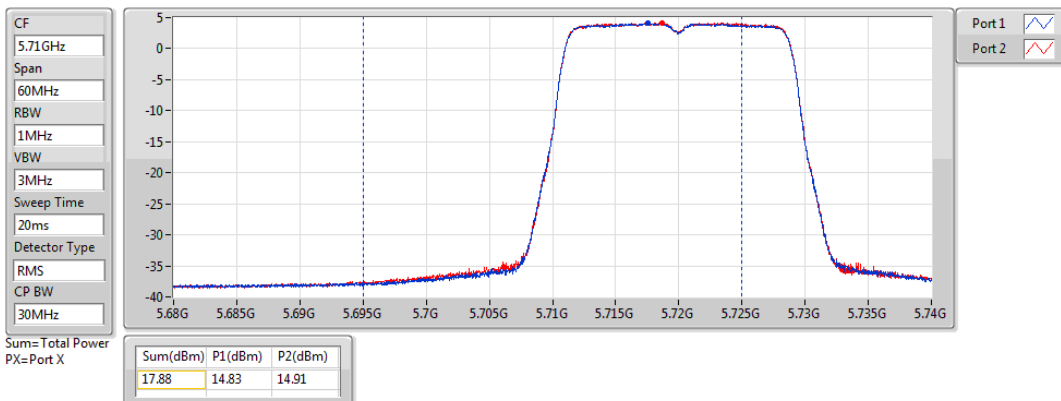


802.11ac VHT20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

07/11/2019

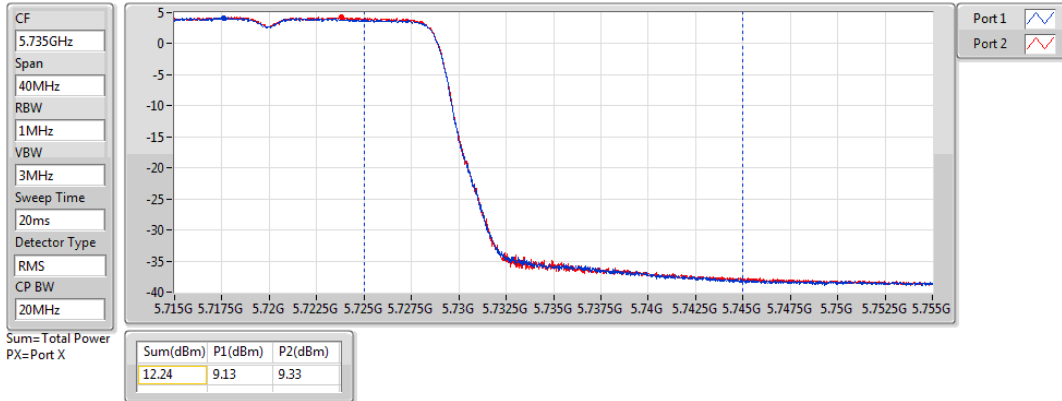


802.11ac VHT20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

07/11/2019

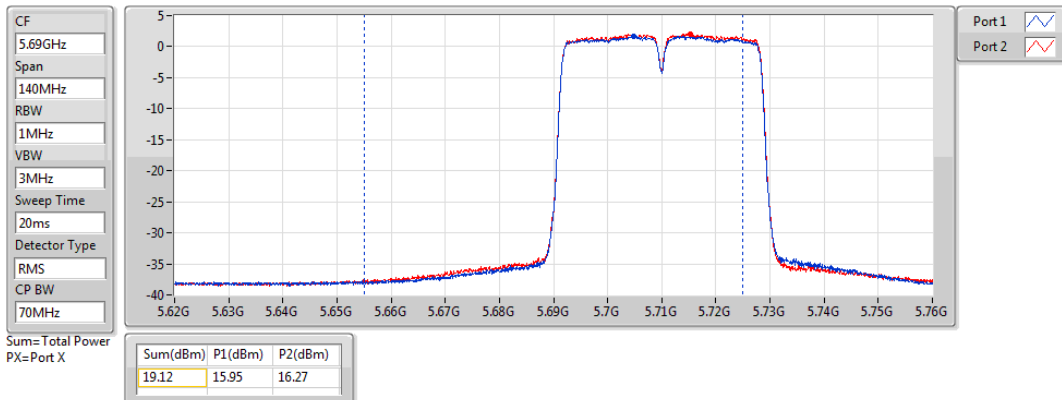


802.11ac VHT40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

07/11/2019

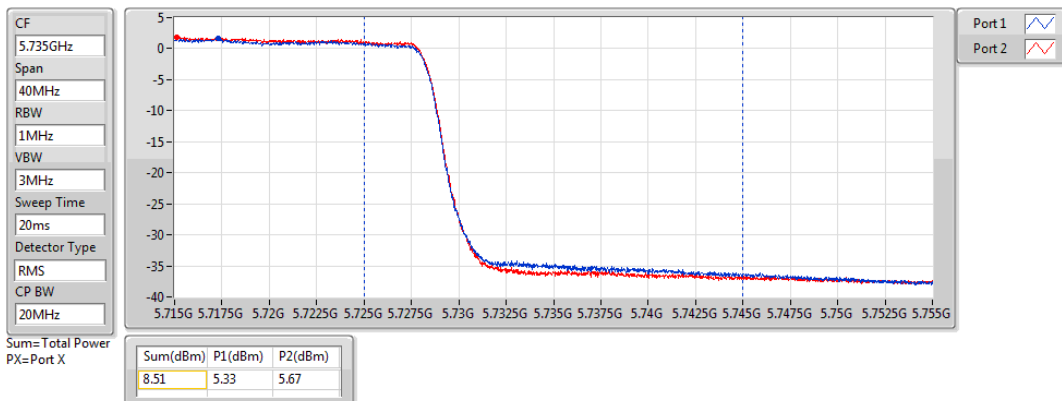


802.11ac VHT40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

07/11/2019

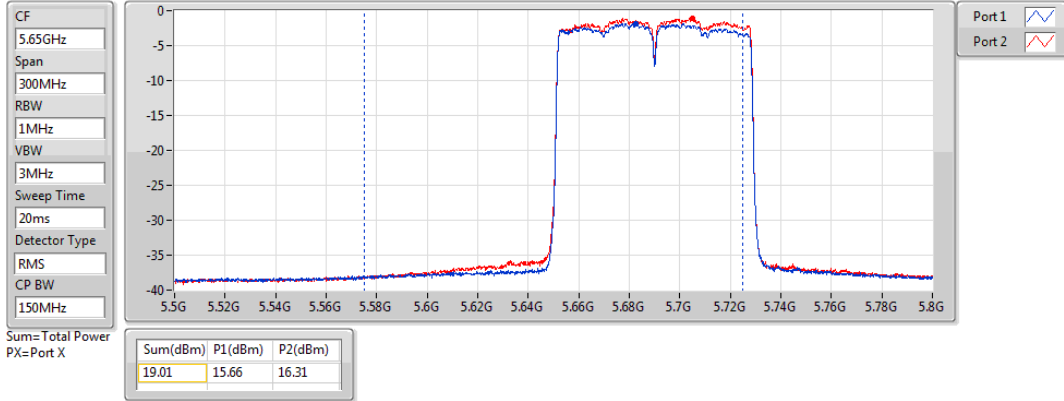


802.11ac VHT80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

07/11/2019

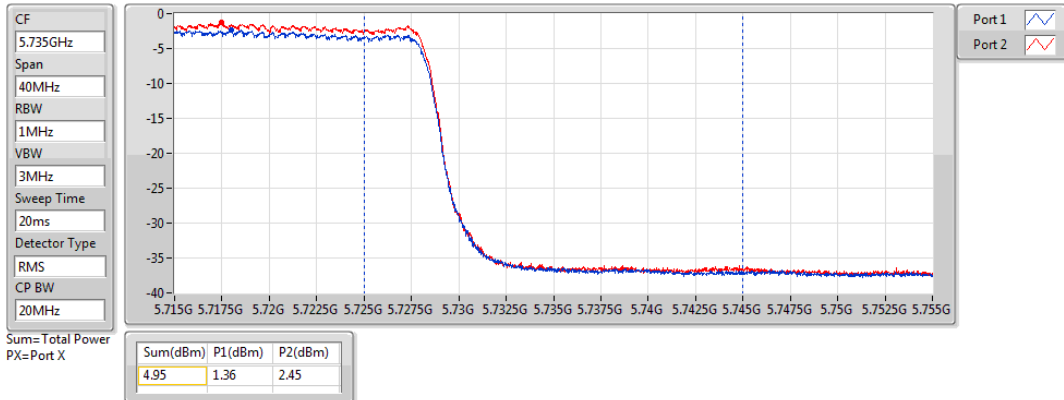


802.11ac VHT80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

07/11/2019

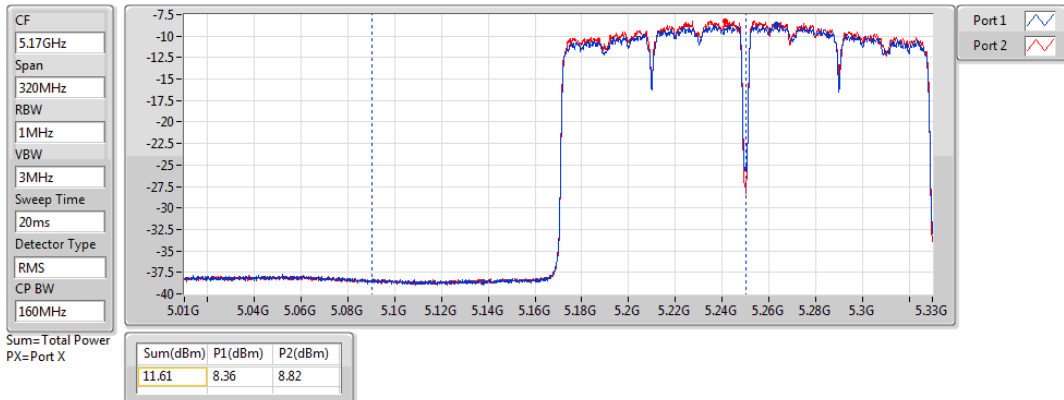


802.11ac VHT160_Nss2,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz

07/11/2019

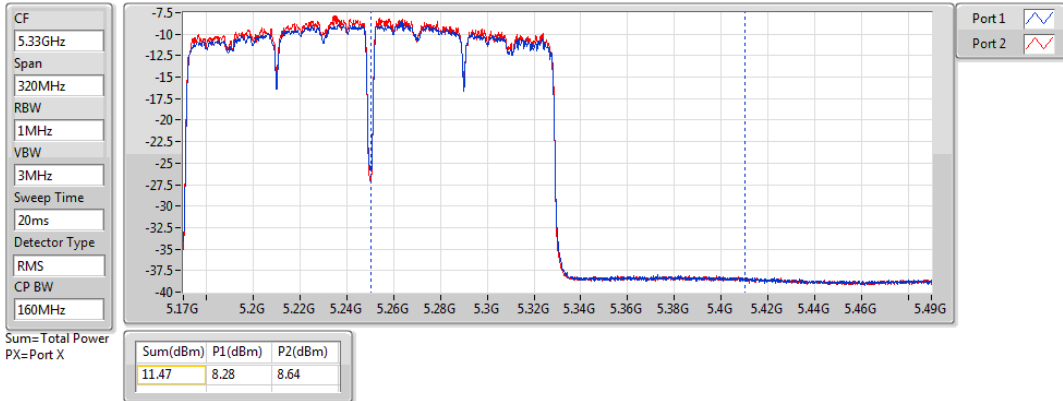


802.11ac VHT160_Nss2,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz

07/11/2019

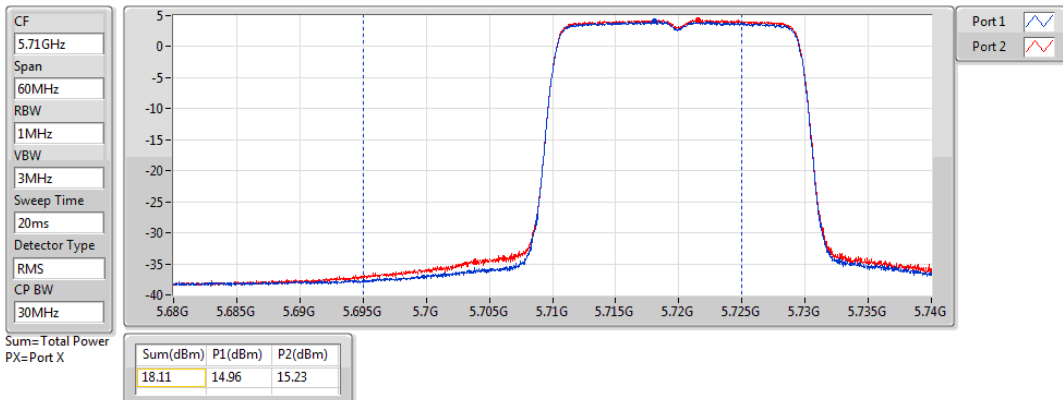


802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

07/11/2019

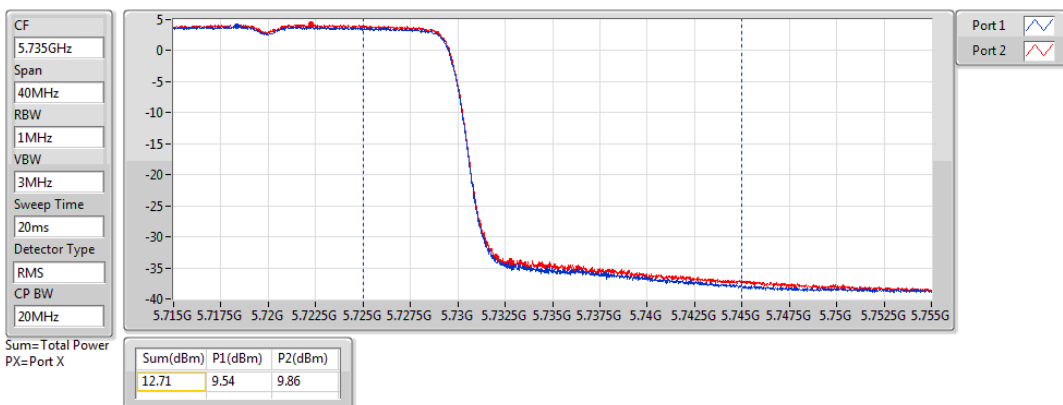


802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

07/11/2019

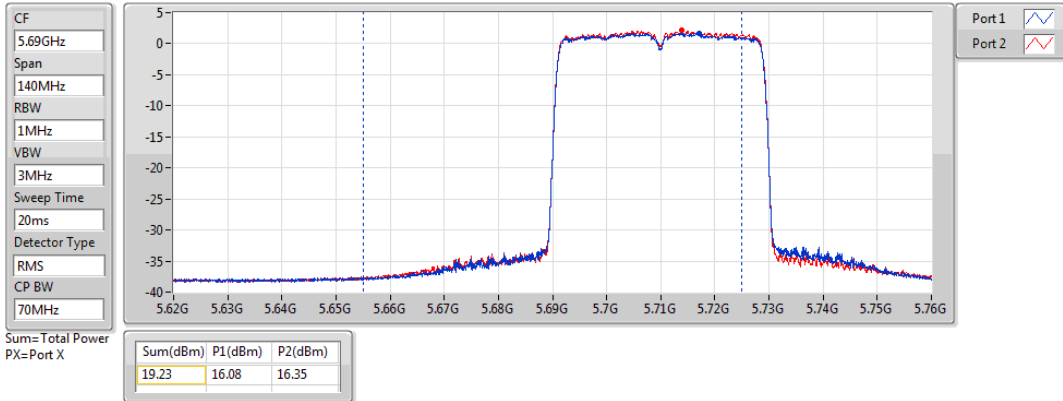


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

07/11/2019

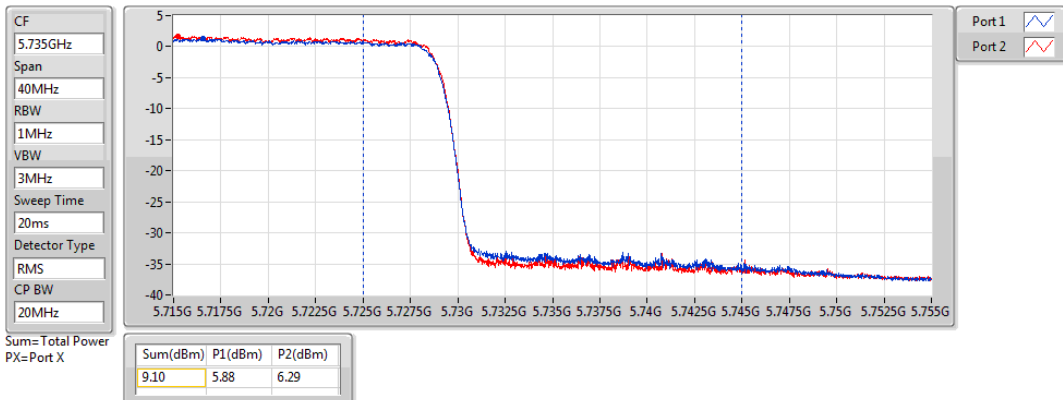


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

07/11/2019

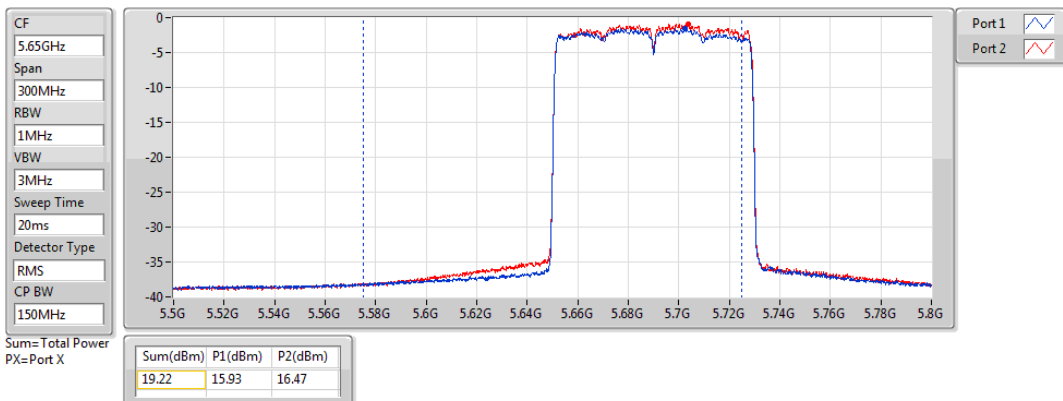


802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

07/11/2019

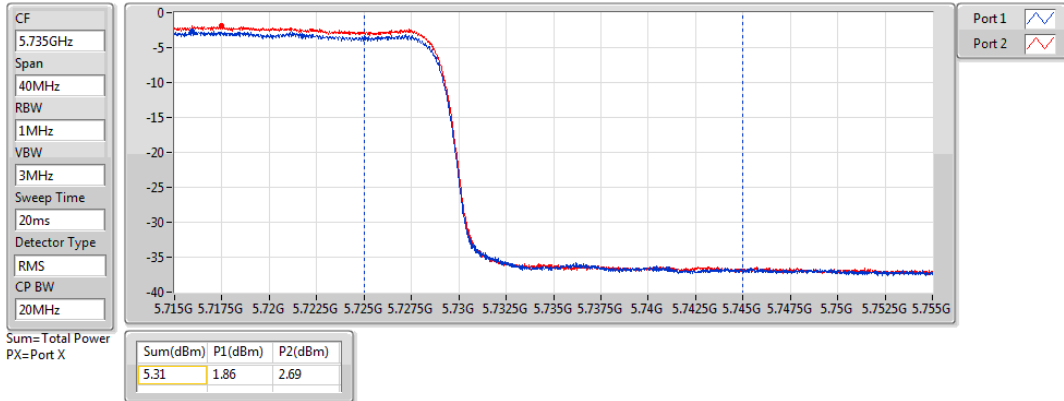


802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

07/11/2019

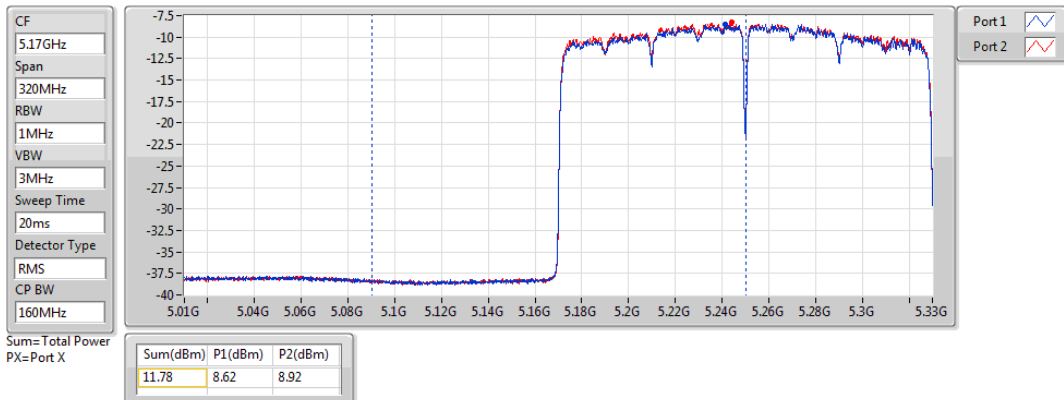


802.11ax HEW160_Nss2,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz

07/11/2019

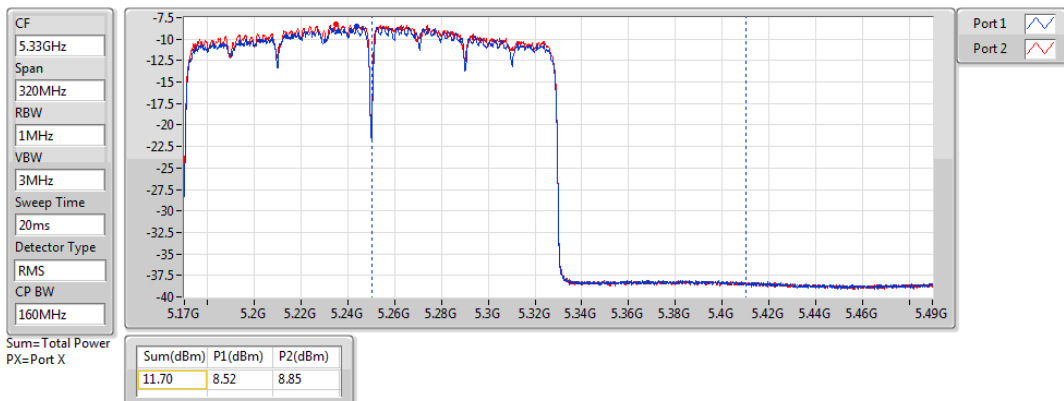


802.11ax HEW160_Nss2,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz

07/11/2019





Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT160_Nss1,(MCS0)_4TX	12.77	0.01892
802.11ax HEW160_Nss1,(MCS0)_4TX	12.98	0.01986
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	12.74	0.01879
802.11ac VHT20_Nss1,(MCS0)_4TX	13.29	0.02133
802.11ac VHT40_Nss1,(MCS0)_4TX	16.45	0.04416
802.11ac VHT80_Nss1,(MCS0)_4TX	16.67	0.04645
802.11ac VHT160_Nss1,(MCS0)_4TX	12.72	0.01871
802.11ax HEW20_Nss1,(MCS0)_4TX	13.41	0.02193
802.11ax HEW40_Nss1,(MCS0)_4TX	16.63	0.04603
802.11ax HEW80_Nss1,(MCS0)_4TX	16.81	0.04797
802.11ax HEW160_Nss1,(MCS0)_4TX	12.95	0.01972
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	12.81	0.01910
802.11ac VHT20_Nss1,(MCS0)_4TX	13.36	0.02168
802.11ac VHT40_Nss1,(MCS0)_4TX	16.60	0.04571
802.11ac VHT80_Nss1,(MCS0)_4TX	18.95	0.07852
802.11ac VHT160_Nss1,(MCS0)_4TX	16.66	0.04634
802.11ax HEW20_Nss1,(MCS0)_4TX	13.45	0.02213
802.11ax HEW40_Nss1,(MCS0)_4TX	16.73	0.04710
802.11ax HEW80_Nss1,(MCS0)_4TX	19.16	0.08241
802.11ax HEW160_Nss1,(MCS0)_4TX	16.81	0.04797
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	5.93	0.00392
802.11ac VHT20_Nss1,(MCS0)_4TX	6.52	0.00449
802.11ac VHT40_Nss1,(MCS0)_4TX	5.73	0.00374
802.11ac VHT80_Nss1,(MCS0)_4TX	4.91	0.00310
802.11ax HEW20_Nss1,(MCS0)_4TX	7.37	0.00546
802.11ax HEW40_Nss1,(MCS0)_4TX	6.39	0.00436
802.11ax HEW80_Nss1,(MCS0)_4TX	5.44	0.00350



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	10.70	6.16	6.62	6.93	7.12	12.74	19.28	7
5300MHz	Pass	10.70	6.05	6.82	7.09	6.33	12.61	19.28	7
5320MHz	Pass	10.70	6.32	6.76	7.05	6.46	12.68	19.28	7
5500MHz	Pass	10.70	6.26	7.08	6.69	6.43	12.65	19.28	6.75
5580MHz	Pass	10.70	6.04	6.81	7.23	6.97	12.81	19.28	7
5700MHz	Pass	10.70	6.26	6.58	6.76	6.90	12.65	19.28	6.75
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	5.88	6.22	6.39	6.38	12.24	18.26	6.75
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	-0.46	-0.19	0.23	0.01	5.93	25.30	6.75
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	10.70	6.69	7.14	7.35	7.71	13.26	19.28	7.5
5300MHz	Pass	10.70	6.82	7.22	7.71	7.07	13.24	19.28	7.5
5320MHz	Pass	10.70	6.89	7.36	7.67	7.11	13.29	19.28	7.5
5500MHz	Pass	10.70	7.08	7.34	7.54	7.25	13.33	19.28	7.5
5580MHz	Pass	10.70	6.48	7.37	7.66	7.73	13.36	19.28	7.5
5700MHz	Pass	10.70	6.67	7.21	7.55	7.42	13.25	19.28	7.25
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	5.81	6.19	6.36	6.32	12.20	18.29	7.25
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	0.06	0.50	0.76	0.64	6.52	25.30	7.25
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	10.70	9.72	9.96	10.24	10.75	16.21	19.28	10.75
5310MHz	Pass	10.70	10.07	10.35	10.78	10.47	16.45	19.28	11
5510MHz	Pass	10.70	10.15	10.28	10.34	10.24	16.27	19.28	10.75
5550MHz	Pass	10.70	10.32	10.85	10.73	10.39	16.60	19.28	11
5670MHz	Pass	10.70	9.86	10.47	10.28	10.52	16.31	19.28	11
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	9.90	10.14	10.19	10.54	16.22	19.28	11.25
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	-0.58	-0.42	-0.20	0.01	5.73	25.30	11.25
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	10.70	10.43	10.63	10.81	10.71	16.67	19.28	11.25
5530MHz	Pass	10.70	12.71	13.05	12.89	12.97	18.93	19.28	13.5
5610MHz	Pass	10.70	12.53	13.49	12.53	12.69	18.85	19.28	13.5
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	12.64	13.07	12.82	13.18	18.95	19.28	13.75
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	-1.68	-1.06	-0.94	-0.80	4.91	25.30	13.75
802.11ac VHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	--
5250MHz Straddle 5.15-5.25GHz	Pass	10.70	6.45	6.61	7.31	6.56	12.77	25.30	10
5250MHz Straddle 5.25-5.35GHz	Pass	10.70	6.33	6.46	7.23	6.74	12.72	19.28	10
5570MHz	Pass	10.70	10.31	10.89	10.70	10.65	16.66	19.28	11.25
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	10.70	6.75	7.21	7.45	7.82	13.35	19.28	7.5
5300MHz	Pass	10.70	6.89	7.31	7.80	7.14	13.32	19.28	7.5
5320MHz	Pass	10.70	6.94	7.51	7.91	7.15	13.41	19.28	7.5
5500MHz	Pass	10.70	7.10	7.43	7.57	7.35	13.39	19.28	7.5
5580MHz	Pass	10.70	6.51	7.55	7.75	7.77	13.45	19.28	7.5
5700MHz	Pass	10.70	6.75	7.24	7.59	7.51	13.31	19.28	7.25
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	6.35	6.64	6.88	6.84	12.70	18.27	7.25

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	0.86	1.33	1.64	1.51	7.37	25.30	7.25
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	10.70	10.05	10.26	10.47	10.93	16.46	19.28	10.75
5310MHz	Pass	10.70	10.30	10.61	10.85	10.65	16.63	19.28	11
5510MHz	Pass	10.70	10.54	10.69	10.64	10.47	16.61	19.28	10.75
5550MHz	Pass	10.70	10.45	10.95	10.77	10.67	16.73	19.28	11
5670MHz	Pass	10.70	10.02	10.67	10.54	10.79	16.54	19.28	11
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	10.02	10.15	10.29	10.58	16.29	19.28	11.25
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	0.02	0.19	0.49	0.73	6.39	25.30	11.25
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	10.70	10.46	10.76	10.95	10.98	16.81	19.28	11.25
5530MHz	Pass	10.70	12.91	13.32	13.05	13.26	19.16	19.28	13.5
5610MHz	Pass	10.70	12.74	13.58	12.86	12.97	19.07	19.28	13.5
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	12.91	13.34	12.92	13.35	19.16	19.28	13.75
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	-1.05	-0.42	-0.48	-0.39	5.44	25.30	13.75
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	10.70	6.68	6.78	7.54	6.78	12.98	25.30	10
5250MHz Straddle 5.25-5.35GHz	Pass	10.70	6.48	6.73	7.40	7.04	12.95	19.28	10
5570MHz	Pass	10.70	10.51	10.97	10.86	10.82	16.81	19.28	11.25

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

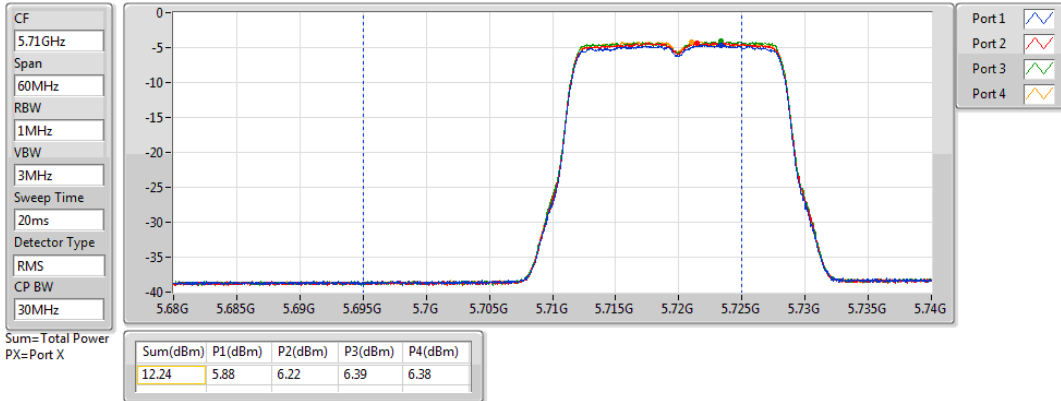
Note : Conducted setting = Pass conducted setting division 4

802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

09/11/2019

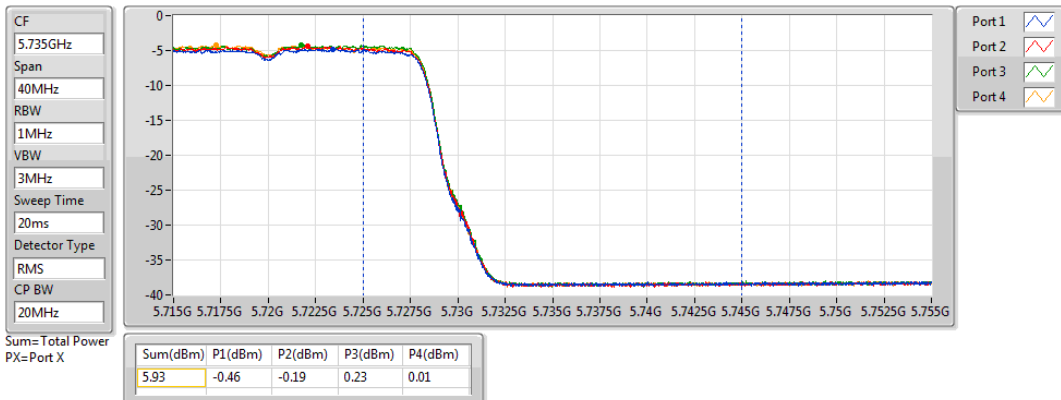


802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

09/11/2019

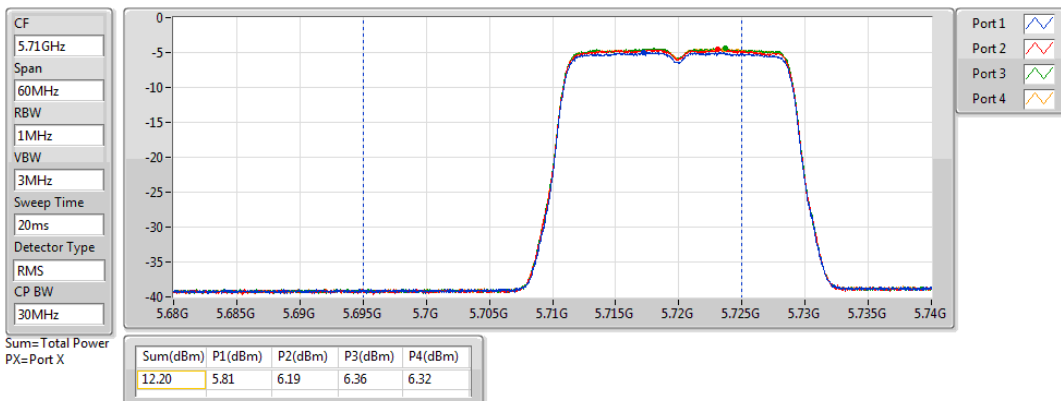


802.11ac VHT20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

09/11/2019

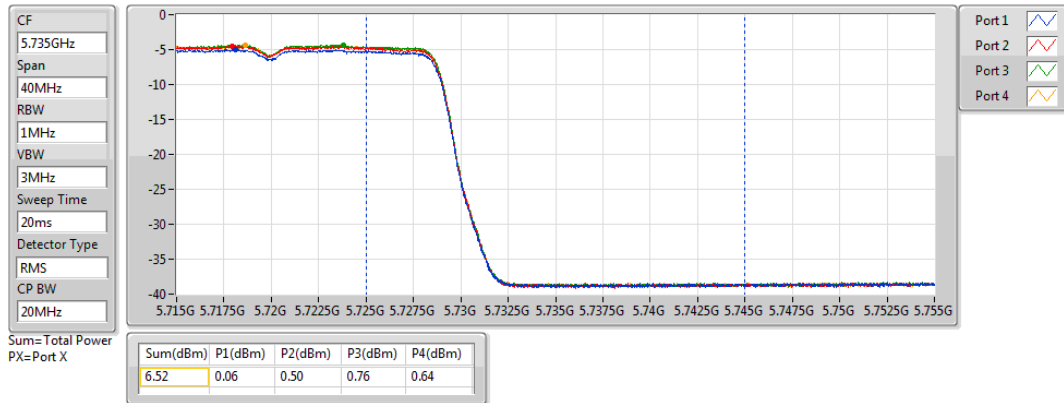


802.11ac VHT20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

09/11/2019

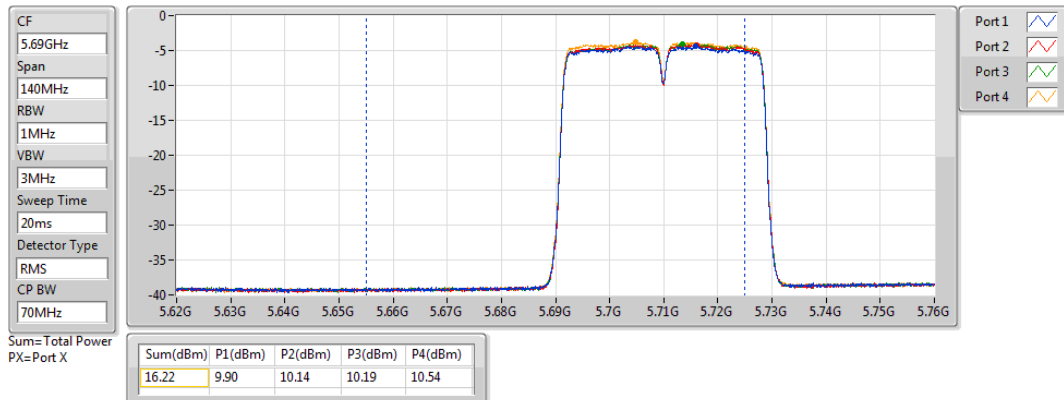


802.11ac VHT40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

09/11/2019

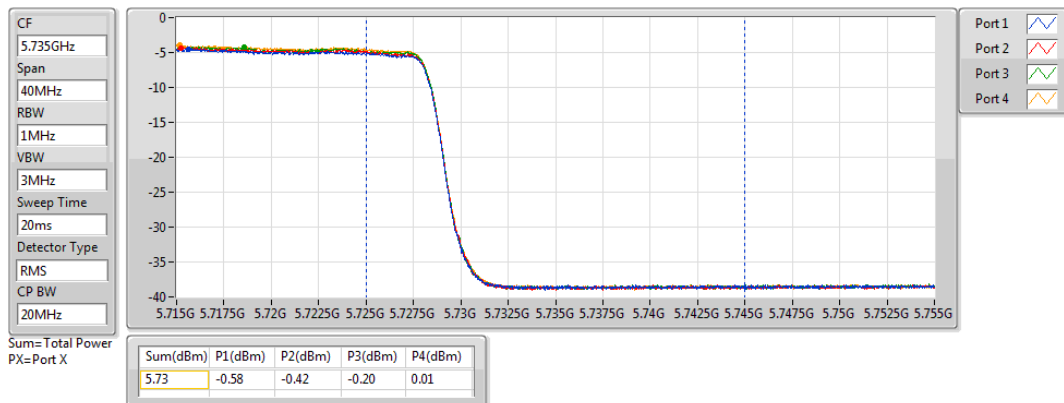


802.11ac VHT40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

09/11/2019

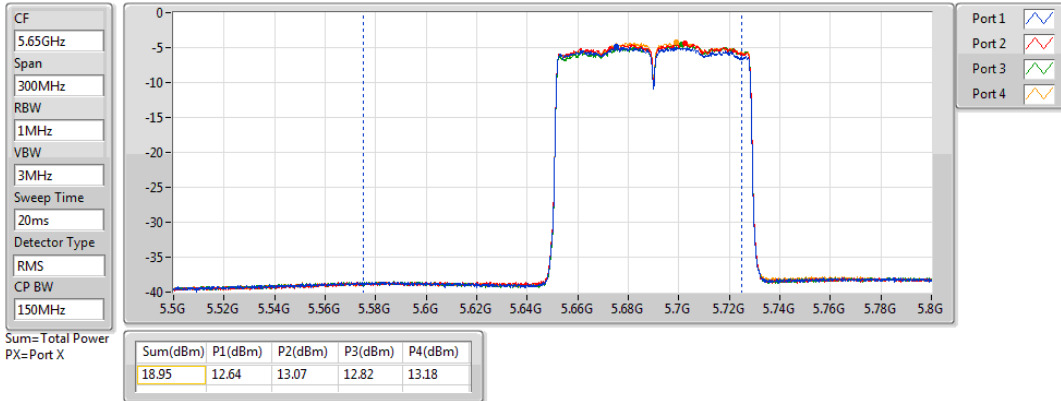


802.11ac VHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

09/11/2019

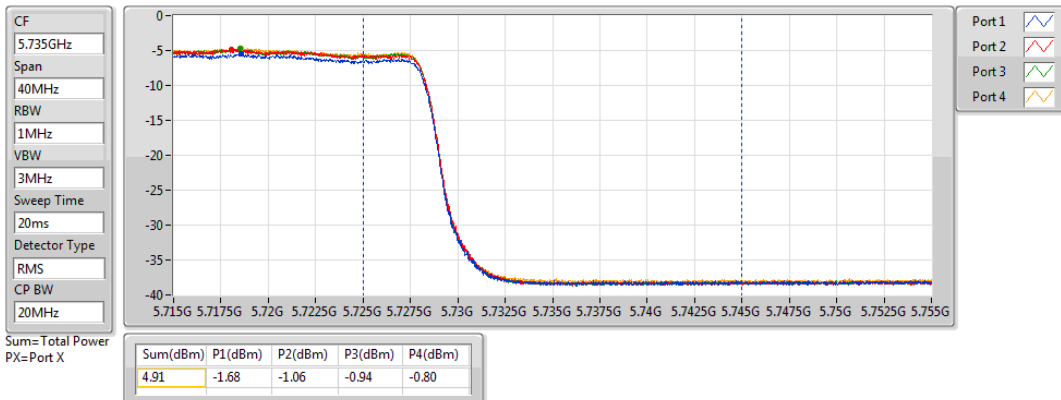


802.11ac VHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

09/11/2019

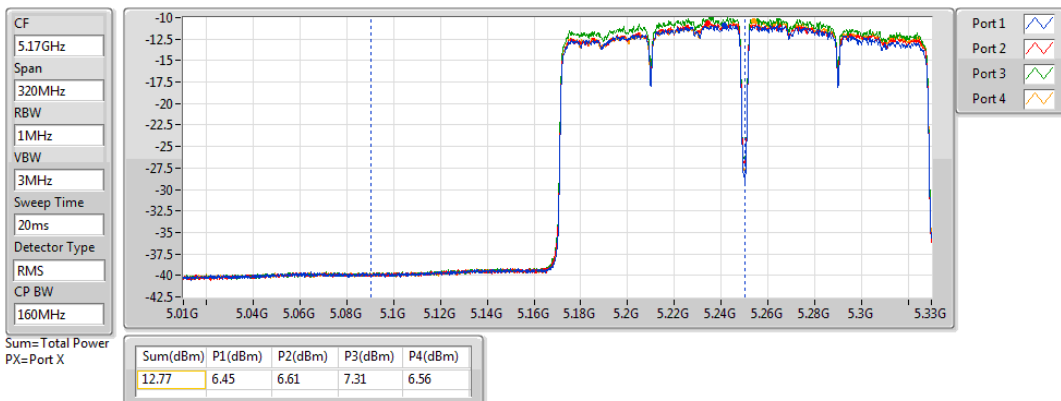


802.11ac VHT160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

09/11/2019

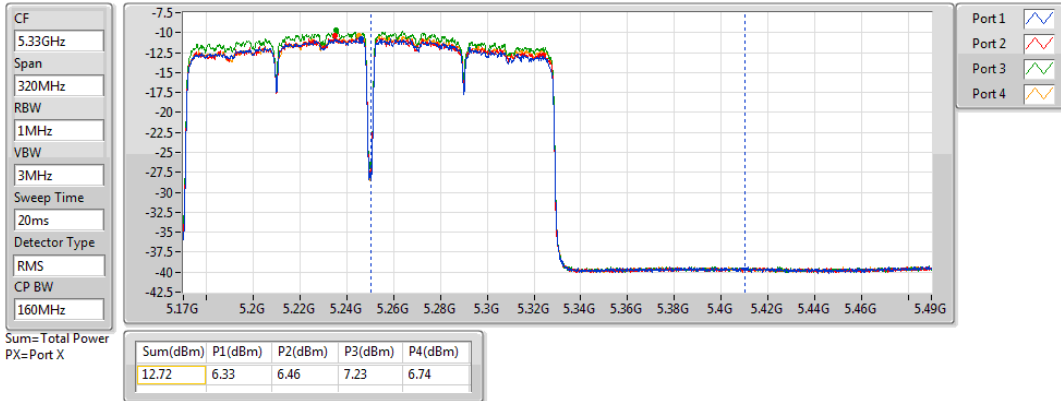


802.11ac VHT160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

09/11/2019

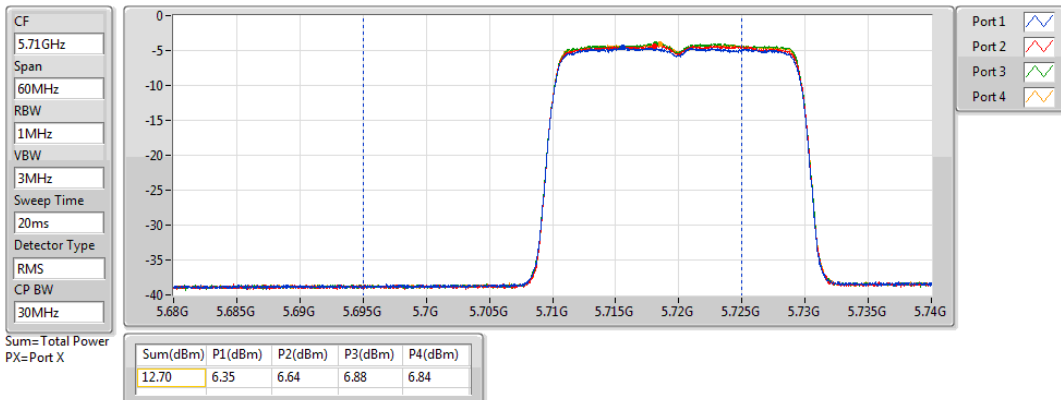


802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

09/11/2019

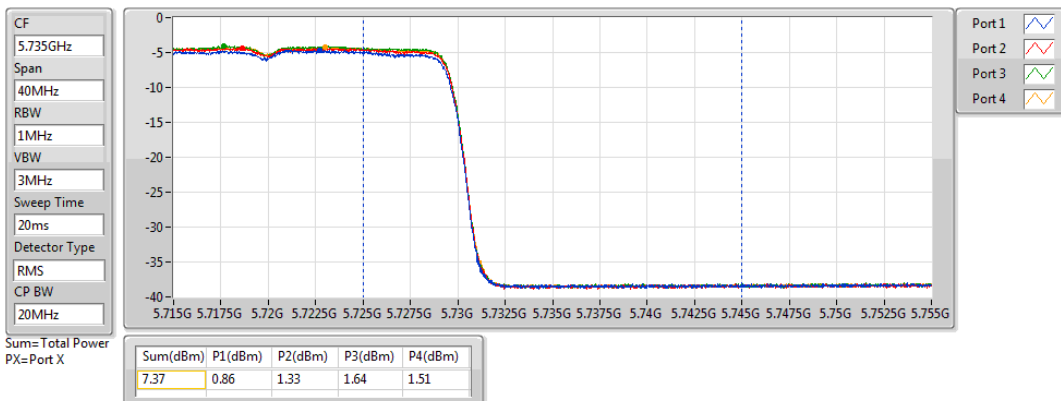


802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

09/11/2019

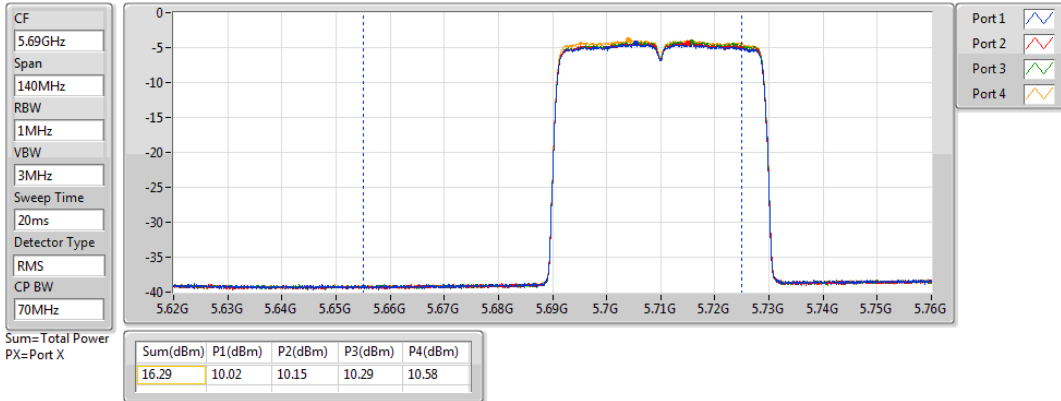


802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

09/11/2019

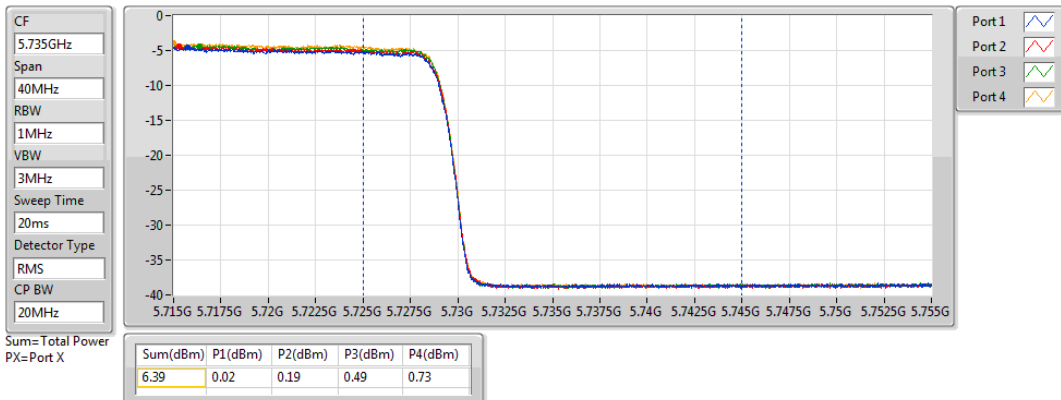


802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

09/11/2019

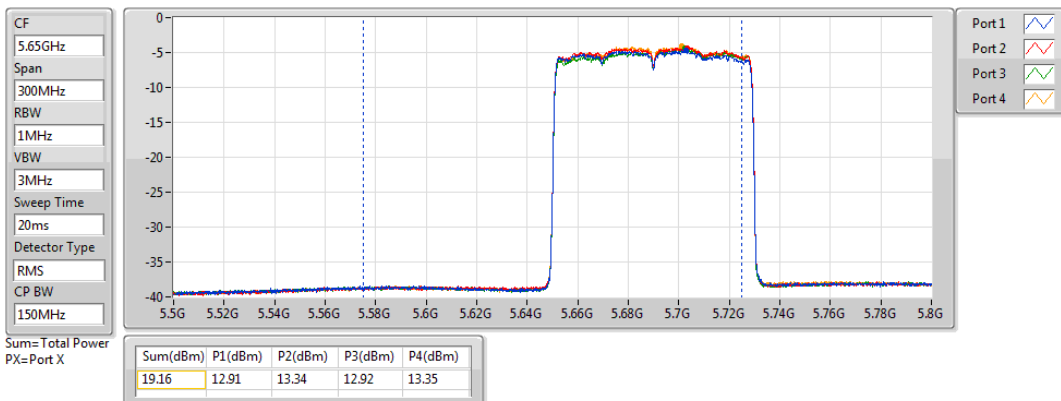


802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

09/11/2019

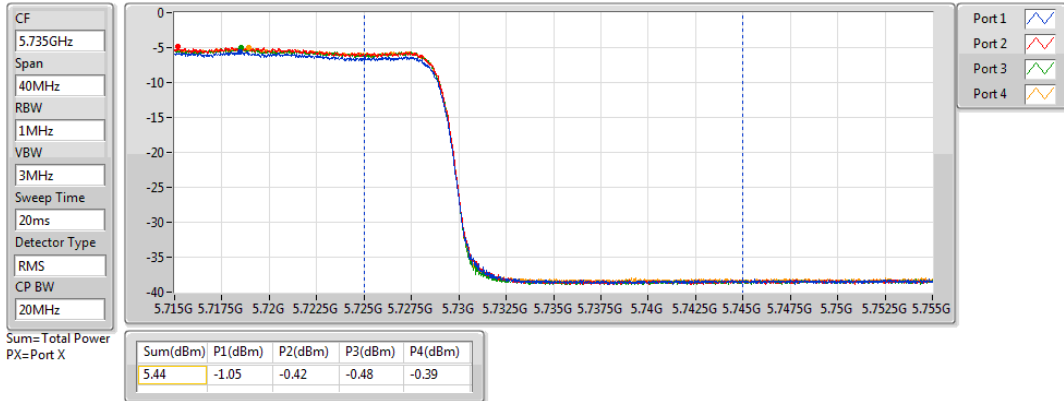


802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

09/11/2019

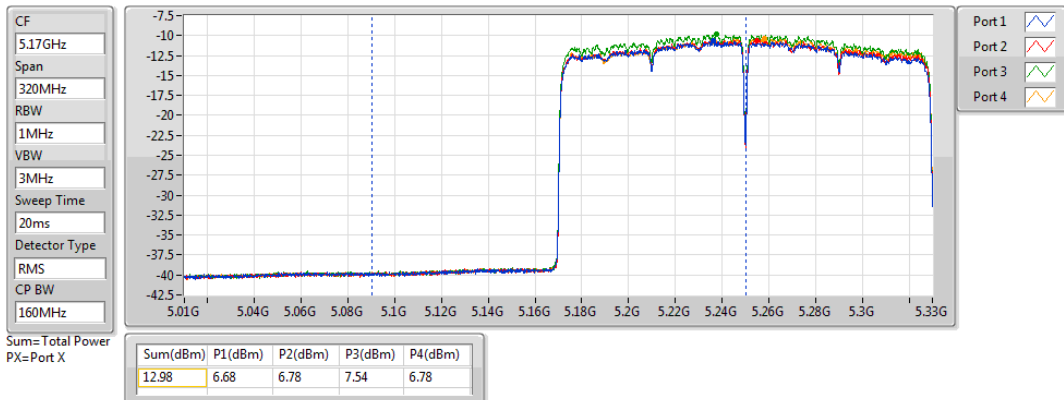


802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

09/11/2019

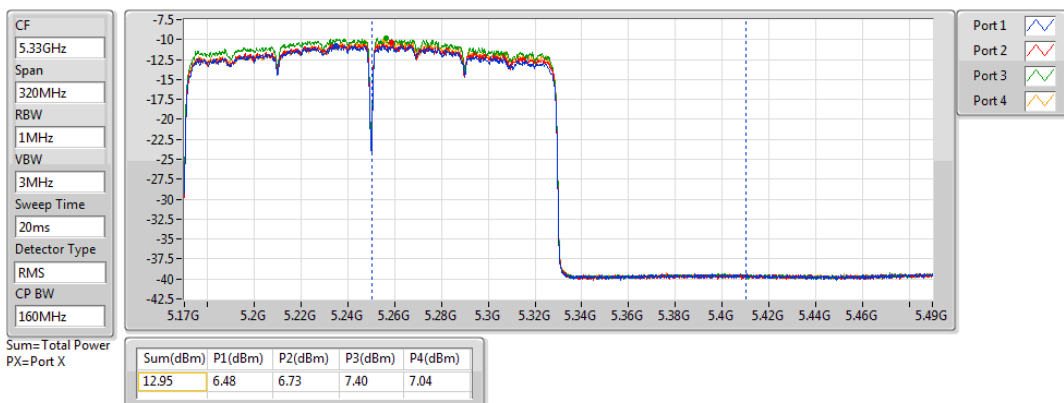


802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

09/11/2019



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	12.98	0.01986
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	13.09	0.02037
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	12.77	0.01892
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	12.76	0.01888
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	12.82	0.01914
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	13.00	0.01995
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	13.19	0.02084
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	13.11	0.02046
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	13.15	0.02065
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	13.12	0.02051
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	12.73	0.01875
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	12.97	0.01982
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	12.96	0.01977
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	12.88	0.01941
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	13.10	0.02042
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	13.24	0.02109
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	13.24	0.02109
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	13.07	0.02028
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	6.22	0.00419
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	2.66	0.00185
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-1.26	0.00075
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	6.99	0.00500
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	3.50	0.00224
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-0.17	0.00096

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	16.72	6.52	6.15	6.23	7.25	12.58	13.26	6.75
5300MHz	Pass	16.72	6.85	6.28	6.46	6.71	12.60	13.26	6.75
5320MHz	Pass	16.72	6.97	6.82	6.38	6.81	12.77	13.26	6.75
5500MHz	Pass	16.72	6.76	7.42	6.34	6.22	12.73	13.26	6.5
5580MHz	Pass	16.72	6.38	7.09	6.40	6.28	12.57	13.26	6.5
5700MHz	Pass	16.72	6.34	8.16	6.17	5.72	12.72	13.26	6
5720MHz Straddle 5.47-5.725GHz	Pass	16.72	5.73	7.28	5.22	4.77	11.88	12.26	5.75
5720MHz Straddle 5.725-5.85GHz	Pass	16.72	0.05	1.55	-0.35	-0.86	6.22	19.28	5.75
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	16.72	7.04	6.60	6.53	6.76	12.76	13.26	7
5310MHz	Pass	16.72	7.12	6.65	6.59	6.50	12.74	13.26	7
5510MHz	Pass	16.72	7.22	7.55	6.36	6.46	12.95	13.26	6.75
5550MHz	Pass	16.72	7.18	7.42	6.64	6.49	12.97	13.26	6.75
5670MHz	Pass	16.72	6.24	8.82	5.96	5.89	12.93	13.26	6.25
5710MHz Straddle 5.47-5.725GHz	Pass	16.72	6.50	8.65	6.17	5.87	12.97	13.26	6.25
5710MHz Straddle 5.725-5.85GHz	Pass	16.72	-3.82	-1.65	-4.10	-4.47	2.66	19.28	6.25
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	16.72	7.33	6.84	6.61	6.36	12.82	13.26	7.25
5530MHz	Pass	16.72	7.12	7.29	6.57	6.75	12.96	13.26	6.75
5610MHz	Pass	16.72	6.63	8.54	5.75	5.56	12.81	13.26	6.25
5690MHz Straddle 5.47-5.725GHz	Pass	16.72	6.88	8.43	6.04	5.81	12.94	13.26	6.25
5690MHz Straddle 5.725-5.85GHz	Pass	16.72	-7.31	-5.74	-7.67	-9.02	-1.26	19.28	6.25
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	16.72	7.18	7.06	6.85	6.74	12.98	19.28	10.75
5250MHz Straddle 5.25-5.35GHz	Pass	16.72	7.03	6.98	6.79	7.10	13.00	13.26	10.75
5570MHz	Pass	16.72	6.90	5.83	7.36	7.18	12.88	13.26	7.75
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	16.72	7.22	6.53	6.77	7.80	13.13	13.26	6.75
5300MHz	Pass	16.72	7.34	7.04	6.89	7.30	13.17	13.26	6.75
5320MHz	Pass	16.72	7.54	6.97	6.88	7.26	13.19	13.26	6.75
5500MHz	Pass	16.72	7.26	7.65	6.53	6.80	13.10	13.26	6.5
5580MHz	Pass	16.72	7.02	7.51	6.88	6.78	13.08	13.26	6.5
5700MHz	Pass	16.72	6.89	8.38	6.39	6.13	13.06	13.26	6
5720MHz Straddle 5.47-5.725GHz	Pass	16.72	6.07	7.54	5.58	5.20	12.21	12.24	5.75
5720MHz Straddle 5.725-5.85GHz	Pass	16.72	0.82	2.33	0.38	-0.02	6.99	19.28	5.75
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	16.72	7.44	6.76	6.97	7.02	13.08	13.26	7
5310MHz	Pass	16.72	7.54	6.96	7.03	6.80	13.11	13.26	7
5510MHz	Pass	16.72	7.42	7.83	6.73	6.82	13.24	13.26	6.75
5550MHz	Pass	16.72	7.37	7.63	6.98	6.74	13.21	13.26	6.75
5670MHz	Pass	16.72	6.57	9.12	6.24	6.17	13.23	13.26	6.25
5710MHz Straddle 5.47-5.725GHz	Pass	16.72	6.79	8.86	6.33	6.26	13.22	13.26	6.25
5710MHz Straddle 5.725-5.85GHz	Pass	16.72	-3.03	-0.77	-3.33	-3.59	3.50	19.28	6.25



Average Power

Appendix B.14

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	16.72	7.55	7.20	6.93	6.82	13.15	13.26	7.25
5530MHz	Pass	16.72	7.44	7.53	6.78	6.92	13.20	13.26	6.75
5610MHz	Pass	16.72	6.81	8.89	5.96	5.84	13.08	13.26	6.25
5690MHz Straddle 5.47-5.725GHz	Pass	16.72	7.22	8.71	6.31	6.13	13.24	13.26	6.25
5690MHz Straddle 5.725-5.85GHz	Pass	16.72	-6.32	-4.76	-6.80	-7.35	-0.17	19.28	6.25
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	16.72	7.26	7.25	6.94	6.79	13.09	19.28	10.75
5250MHz Straddle 5.25-5.35GHz	Pass	16.72	7.17	7.01	7.01	7.19	13.12	13.26	10.75
5570MHz	Pass	16.72	7.15	6.02	7.43	7.46	13.07	13.26	7.75

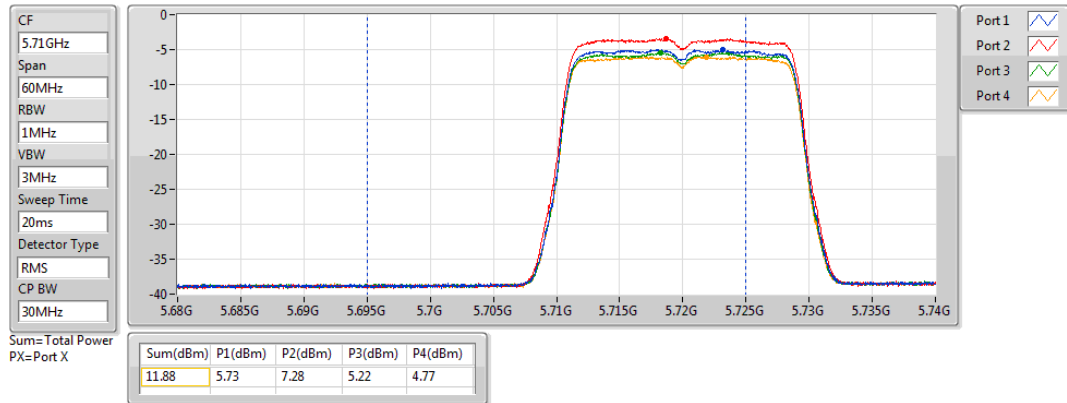
DG = Directional Gain; **Port X** = Port X output power

Note : Conducted setting = Pass conducted setting division 4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

AV Power

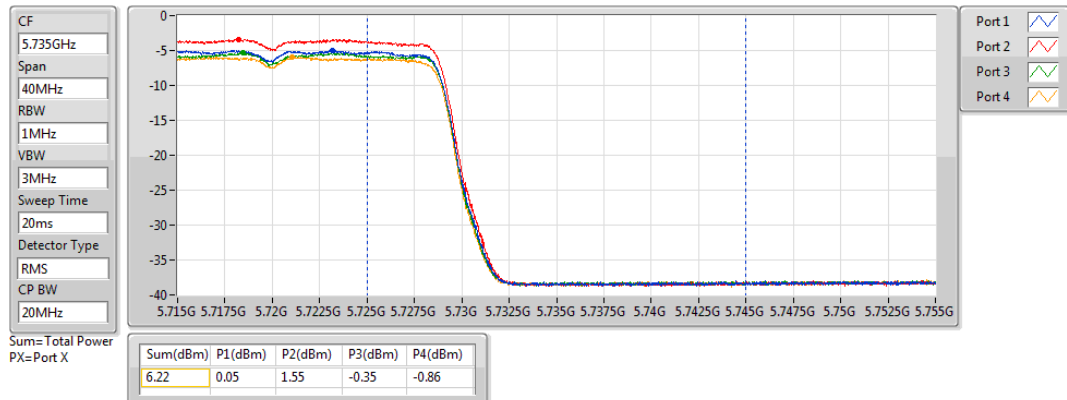
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20-BF_Nss1,(MCS0)_4TX

AV Power

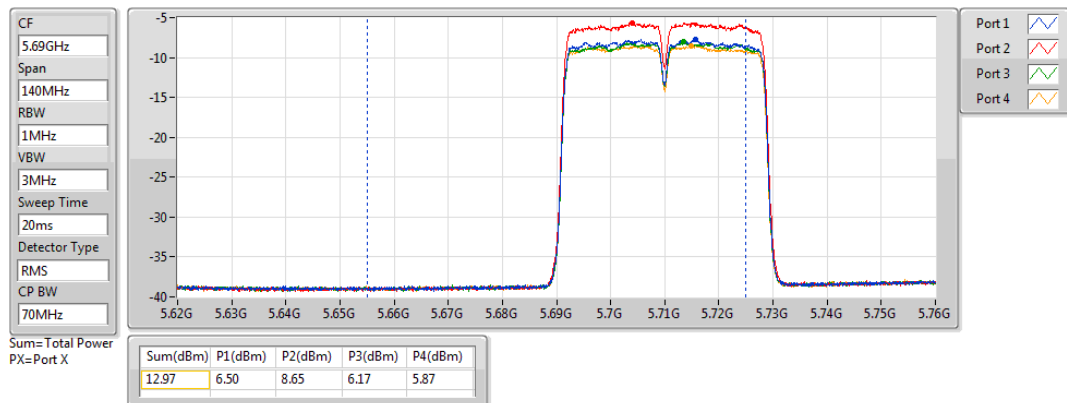
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT40-BF_Nss1,(MCS0)_4TX

AV Power

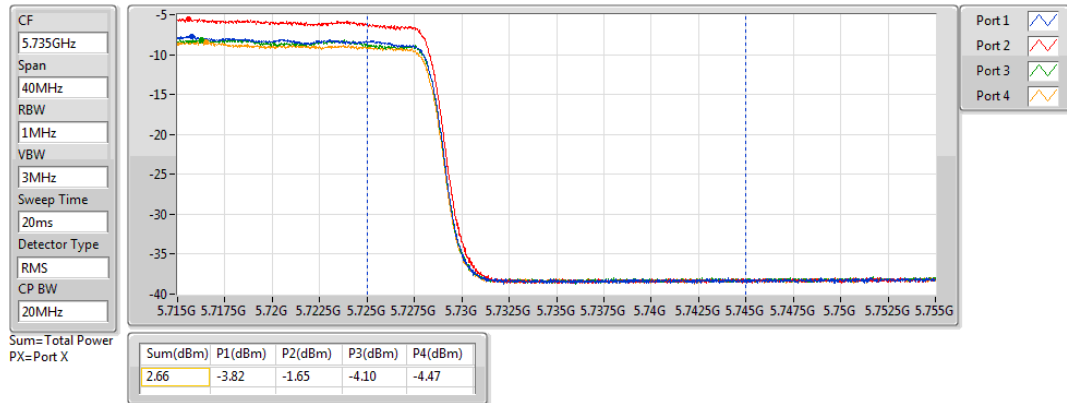
5710MHz Straddle 5.47-5.725GHz



802.11ac VHT40-BF_Nss1,(MCS0)_4TX

AV Power

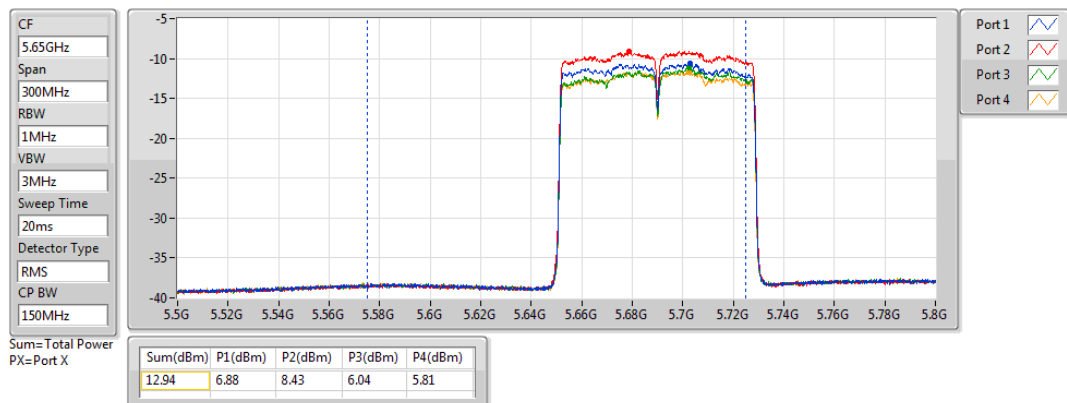
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT80-BF_Nss1,(MCS0)_4TX

AV Power

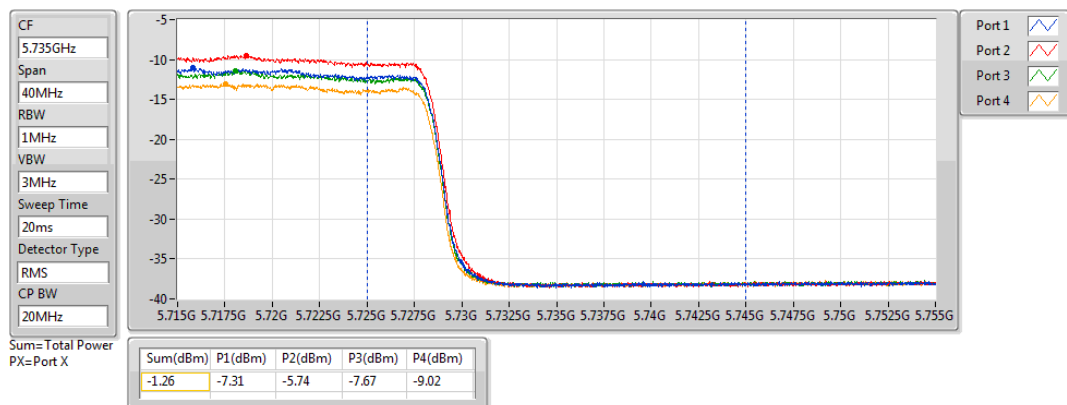
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

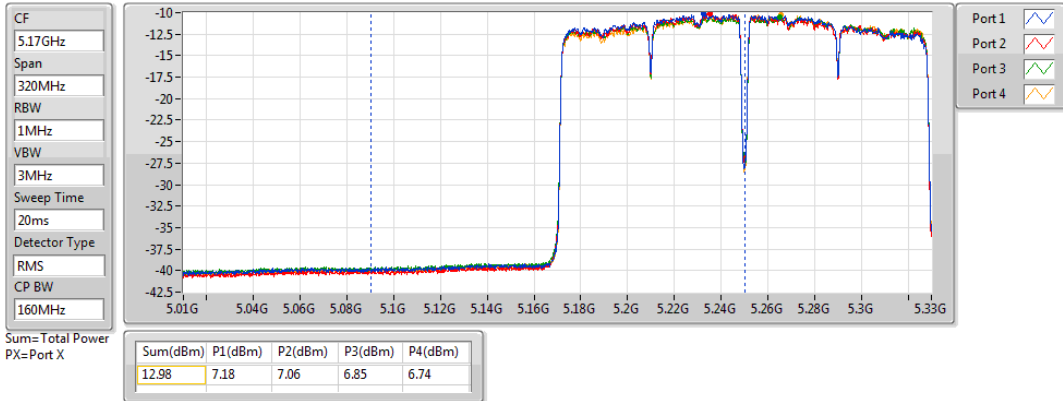


802.11ac VHT160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

12/11/2019

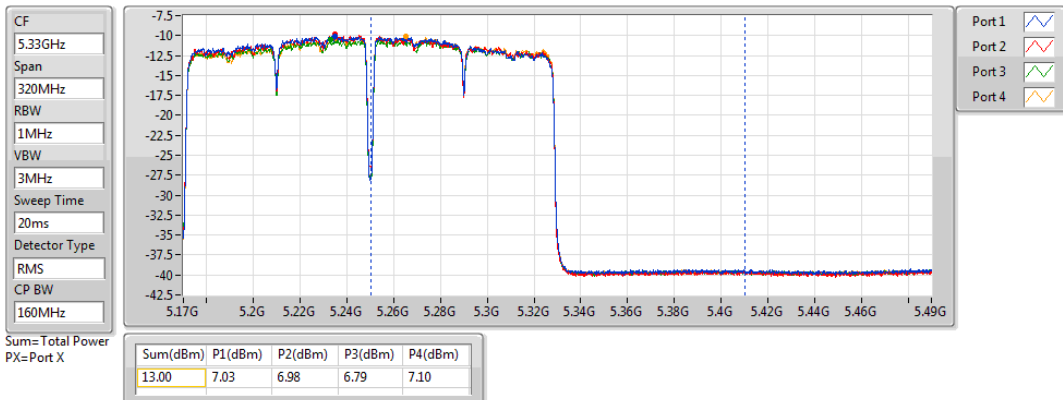


802.11ac VHT160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

12/11/2019

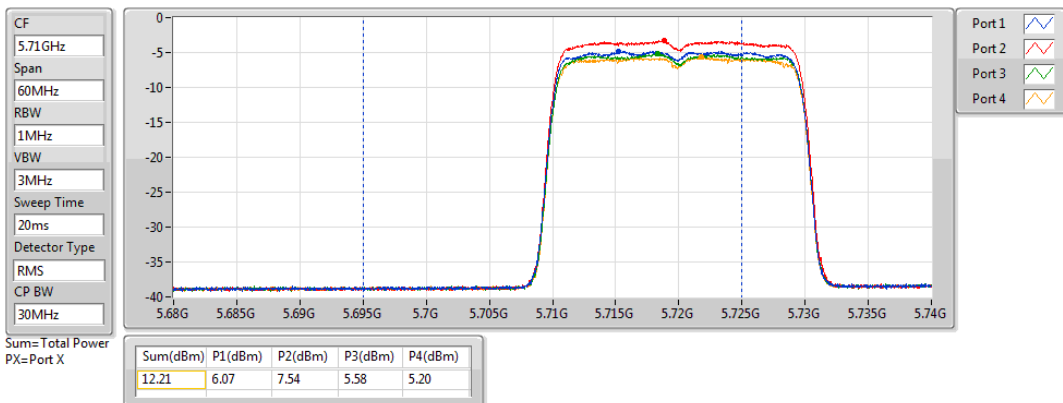


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

12/11/2019

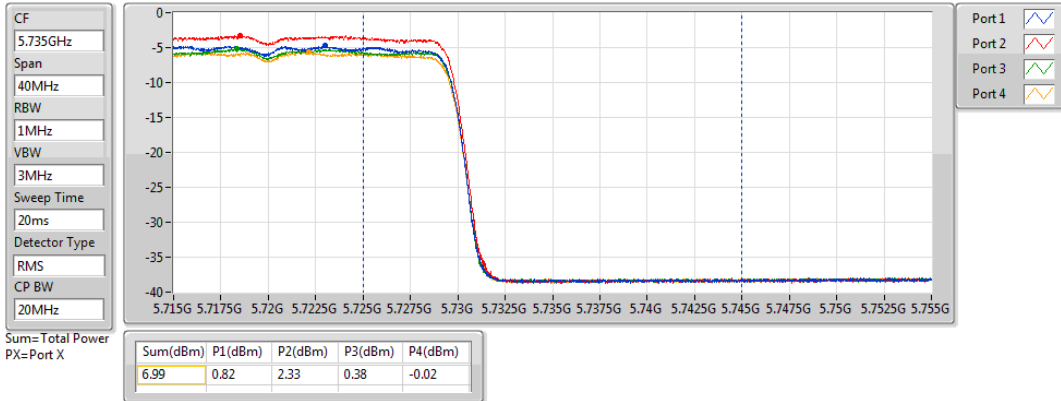


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

12/11/2019

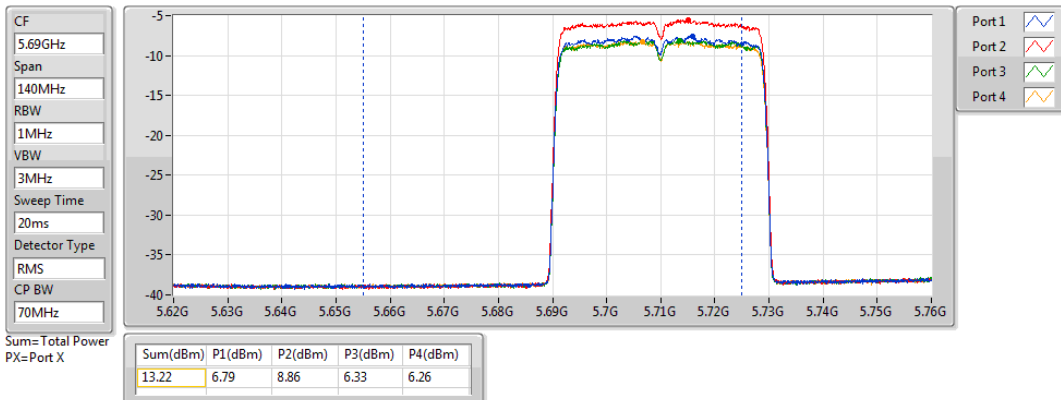


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

12/11/2019

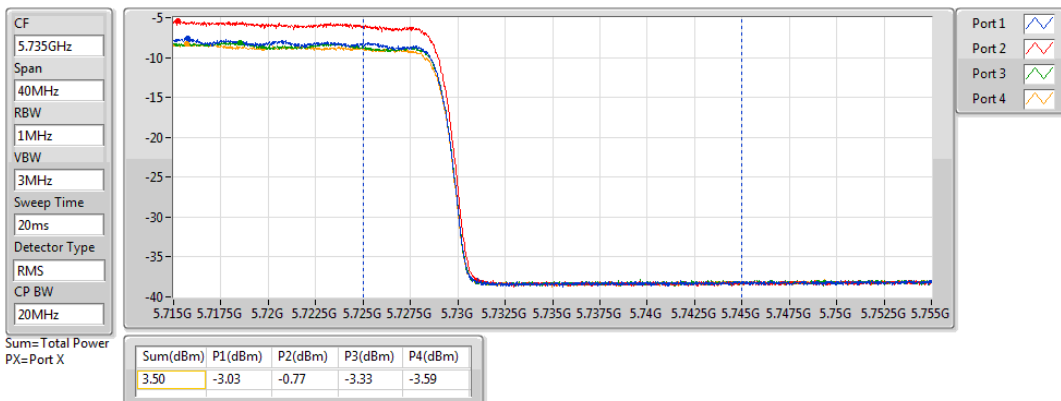


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

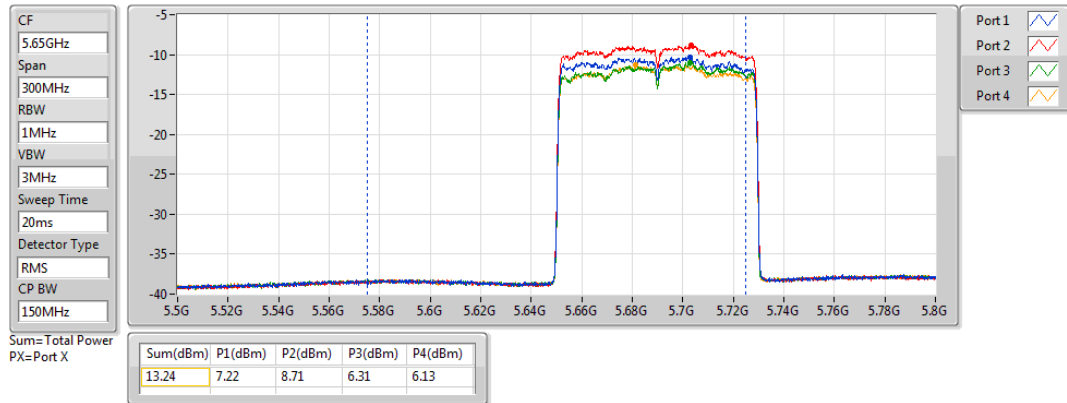
12/11/2019



802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

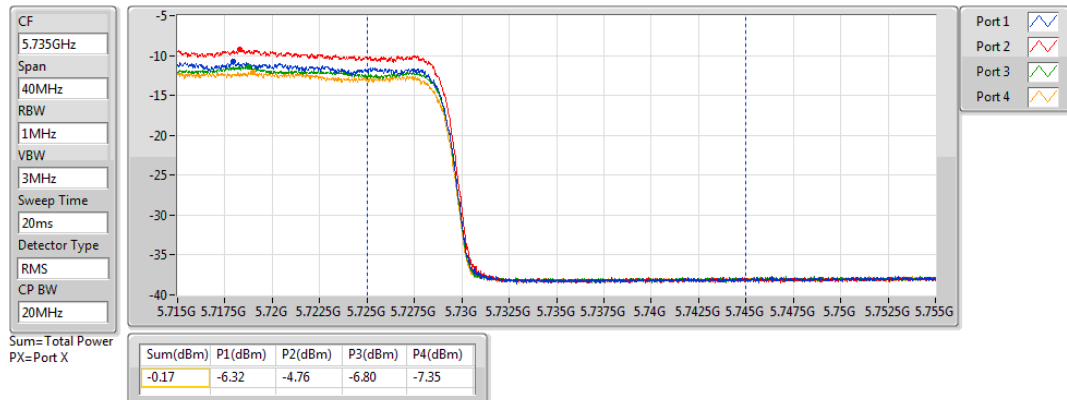
5690MHz Straddle 5.47-5.725GHz



802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

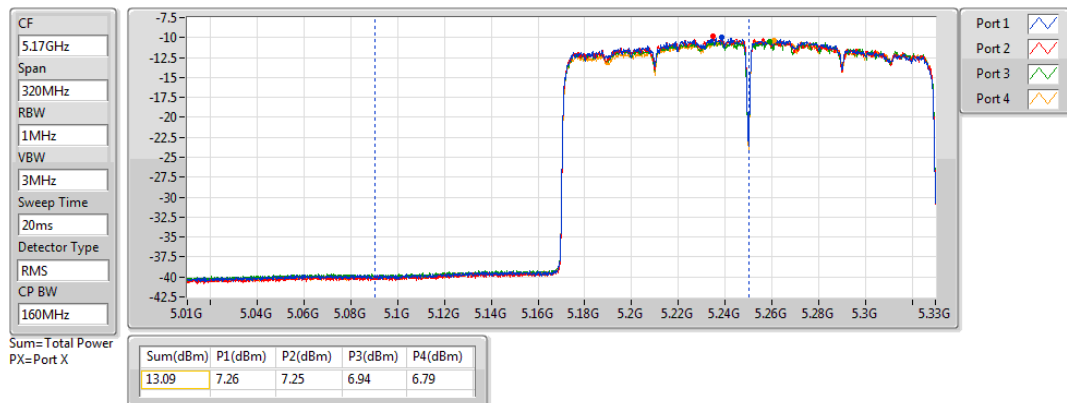
5690MHz Straddle 5.725-5.85GHz



802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

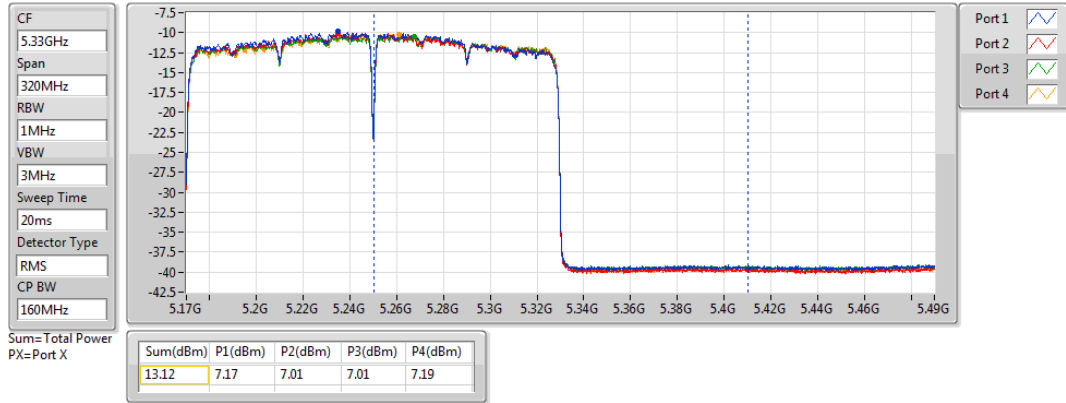


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

12/11/2019





Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT160_Nss4,(MCS0)_4TX	13.03	0.02009
802.11ax HEW160_Nss4,(MCS0)_4TX	13.18	0.02080
5.25-5.35GHz	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	19.03	0.07998
802.11ac VHT40_Nss4,(MCS0)_4TX	18.94	0.07834
802.11ac VHT80_Nss4,(MCS0)_4TX	16.97	0.04977
802.11ac VHT160_Nss4,(MCS0)_4TX	13.02	0.02004
802.11ax HEW20_Nss4,(MCS0)_4TX	19.26	0.08433
802.11ax HEW40_Nss4,(MCS0)_4TX	19.24	0.08395
802.11ax HEW80_Nss4,(MCS0)_4TX	17.15	0.05188
802.11ax HEW160_Nss4,(MCS0)_4TX	13.12	0.02051
5.47-5.725GHz	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	18.95	0.07852
802.11ac VHT40_Nss4,(MCS0)_4TX	19.08	0.08091
802.11ac VHT80_Nss4,(MCS0)_4TX	19.03	0.07998
802.11ac VHT160_Nss4,(MCS0)_4TX	16.41	0.04375
802.11ax HEW20_Nss4,(MCS0)_4TX	19.24	0.08395
802.11ax HEW40_Nss4,(MCS0)_4TX	19.26	0.08433
802.11ax HEW80_Nss4,(MCS0)_4TX	19.24	0.08395
802.11ax HEW160_Nss4,(MCS0)_4TX	16.79	0.04775
5.725-5.85GHz	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	12.29	0.01694
802.11ac VHT40_Nss4,(MCS0)_4TX	8.52	0.00711
802.11ac VHT80_Nss4,(MCS0)_4TX	5.07	0.00321
802.11ax HEW20_Nss4,(MCS0)_4TX	12.62	0.01828
802.11ax HEW40_Nss4,(MCS0)_4TX	9.26	0.00843
802.11ax HEW80_Nss4,(MCS0)_4TX	5.91	0.00390

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ac VHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	10.70	12.28	12.93	13.04	13.68	19.03	19.28	13.5
5300MHz	Pass	10.70	12.48	13.02	13.18	13.10	18.97	19.28	13.5
5320MHz	Pass	10.70	12.42	12.95	13.24	13.02	18.94	19.28	13.5
5500MHz	Pass	10.70	12.63	12.85	12.91	12.84	18.83	19.28	13.5
5580MHz	Pass	10.70	12.23	12.98	13.10	13.09	18.89	19.28	13.5
5700MHz	Pass	10.70	12.51	13.09	12.98	13.11	18.95	19.28	13.5
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	11.57	12.01	11.92	12.15	17.94	18.28	13.5
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	5.88	6.33	6.35	6.51	12.29	25.30	13.5
802.11ac VHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	10.70	12.53	12.76	12.93	13.41	18.94	19.28	13.75
5310MHz	Pass	10.70	11.01	11.48	11.68	11.56	17.46	19.28	12.25
5510MHz	Pass	10.70	12.54	12.79	12.66	12.72	18.70	19.28	13.5
5550MHz	Pass	10.70	12.62	12.95	13.03	12.85	18.89	19.28	13.75
5670MHz	Pass	10.70	12.58	13.30	13.02	13.29	19.08	19.28	14
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	12.40	12.67	12.84	13.16	18.80	19.28	14
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	1.98	2.33	2.69	2.95	8.52	25.30	14
802.11ac VHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	10.70	10.62	11.02	10.93	11.21	16.97	19.28	11.75
5530MHz	Pass	10.70	12.70	13.03	13.01	13.07	18.98	19.28	13.75
5610MHz	Pass	10.70	12.62	13.60	12.70	13.03	19.03	19.28	13.75
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	12.68	13.10	12.85	13.18	18.98	19.28	13.75
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	-1.43	-0.88	-0.79	-0.72	5.07	25.30	13.75
802.11ac VHT160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	10.70	6.63	6.90	7.69	6.72	13.03	25.30	10.25
5250MHz Straddle 5.25-5.35GHz	Pass	10.70	6.57	6.87	7.51	7.01	13.02	19.28	10.25
5570MHz	Pass	10.70	10.07	10.60	10.53	10.33	16.41	19.28	11
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	10.70	12.69	13.06	13.26	13.85	19.26	19.28	13.5
5300MHz	Pass	10.70	12.67	13.35	13.45	13.41	19.25	19.28	13.5
5320MHz	Pass	10.70	12.76	13.28	13.52	13.23	19.23	19.28	13.5
5500MHz	Pass	10.70	13.06	13.12	13.21	13.27	19.19	19.28	13.5
5580MHz	Pass	10.70	12.41	13.13	13.29	13.47	19.11	19.28	13.5
5700MHz	Pass	10.70	12.89	13.28	13.19	13.51	19.24	19.28	13.5
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	11.71	12.13	11.99	12.46	18.10	18.24	13.5
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	6.22	6.69	6.59	6.87	12.62	25.30	13.5
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	10.70	12.87	13.11	13.24	13.63	19.24	19.28	13.75
5310MHz	Pass	10.70	11.29	11.67	11.88	11.74	17.67	19.28	12.25
5510MHz	Pass	10.70	12.83	12.94	13.07	12.89	18.95	19.28	13.5
5550MHz	Pass	10.70	12.96	13.23	13.33	13.11	19.18	19.28	13.75
5670MHz	Pass	10.70	12.84	13.32	13.28	13.50	19.26	19.28	14
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	12.82	12.81	13.07	13.39	19.05	19.28	14
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	2.91	3.08	3.40	3.55	9.26	25.30	14



Average Power_Radio 2 / External Antenna 12

Appendix B.15

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	10.70	10.77	11.13	11.20	11.40	17.15	19.28	11.75
5530MHz	Pass	10.70	12.95	13.19	13.17	13.31	19.18	19.28	13.75
5610MHz	Pass	10.70	12.89	13.87	12.92	13.14	19.24	19.28	13.75
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	13.04	13.44	12.92	13.42	19.23	19.28	13.75
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	-0.59	0.01	-0.01	0.13	5.91	25.30	13.75
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	10.70	6.76	7.07	7.86	6.85	13.18	25.30	10.25
5250MHz Straddle 5.25-5.35GHz	Pass	10.70	6.70	6.98	7.56	7.10	13.12	19.28	10.25
5570MHz	Pass	10.70	10.43	10.98	10.86	10.77	16.79	19.28	11

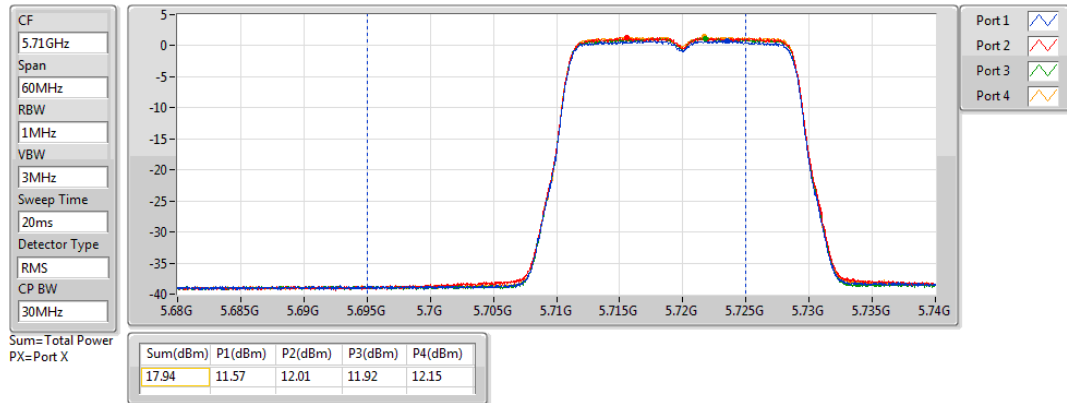
DG = Directional Gain; **Port X** = Port X output power

Note : Conducted setting = Pass conducted setting division 4

802.11ac VHT20_Nss4,(MCS0)_4TX

AV Power

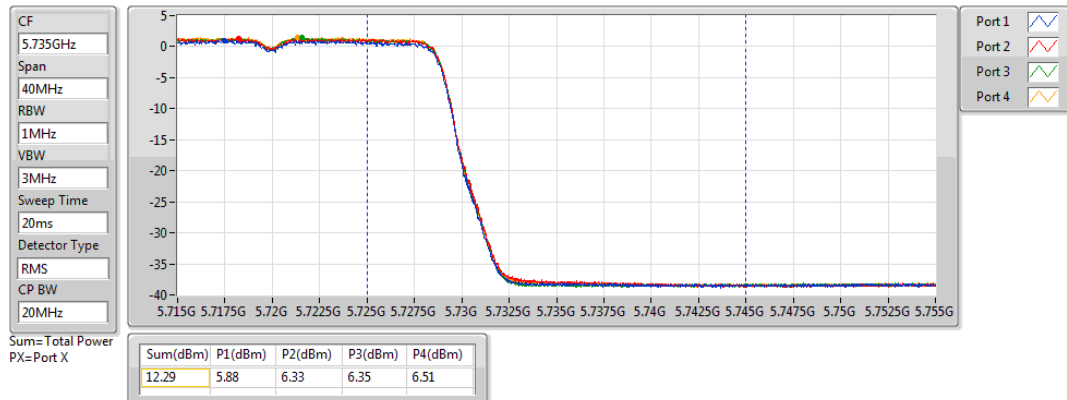
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20_Nss4,(MCS0)_4TX

AV Power

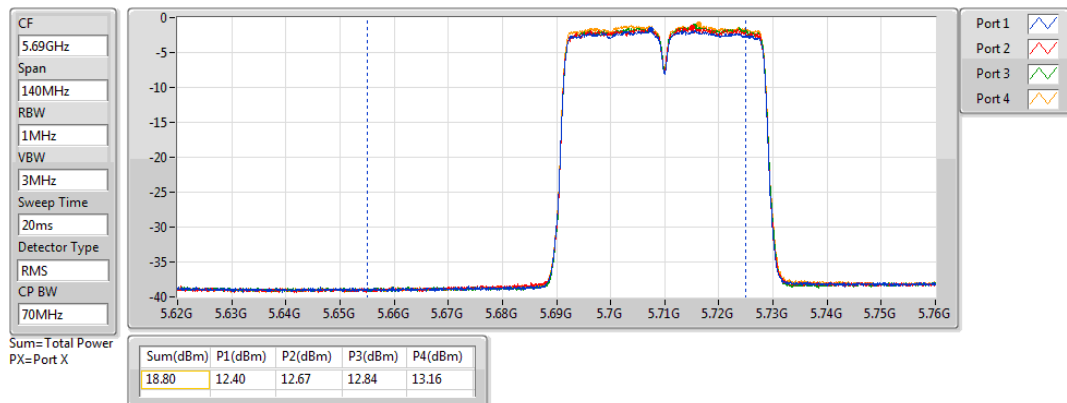
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT40_Nss4,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

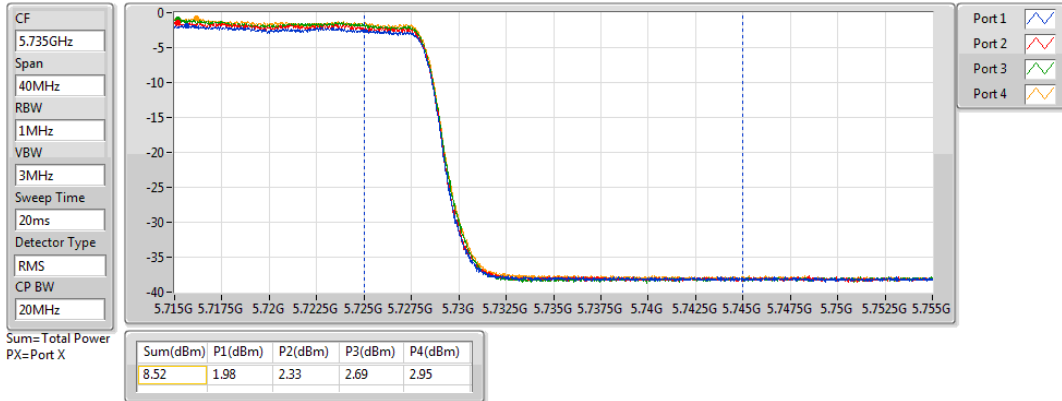


802.11ac VHT40_Nss4,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

10/11/2019

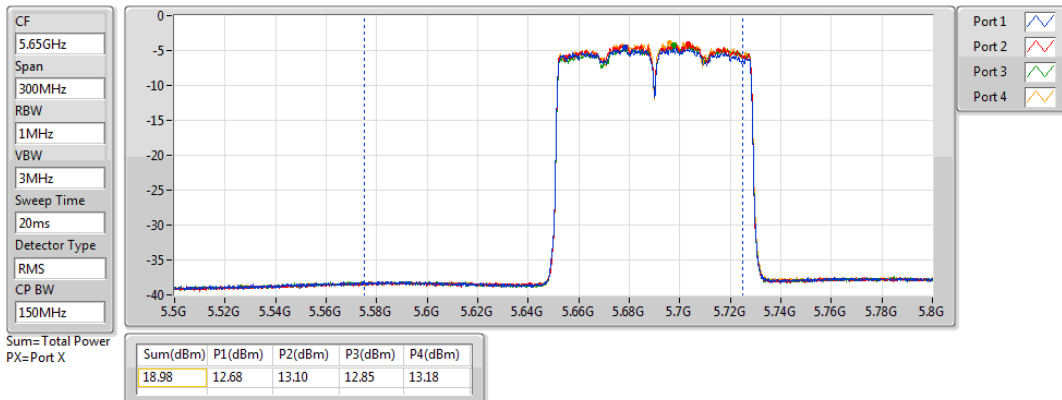


802.11ac VHT80_Nss4,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

10/11/2019

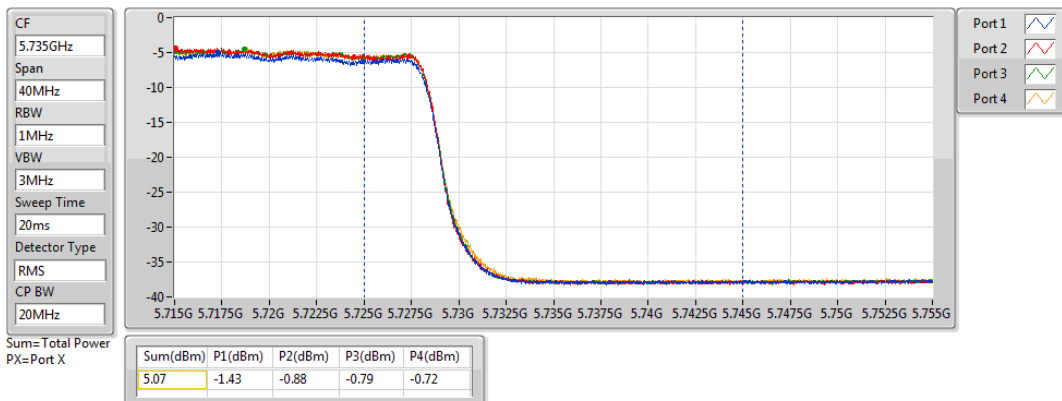


802.11ac VHT80_Nss4,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

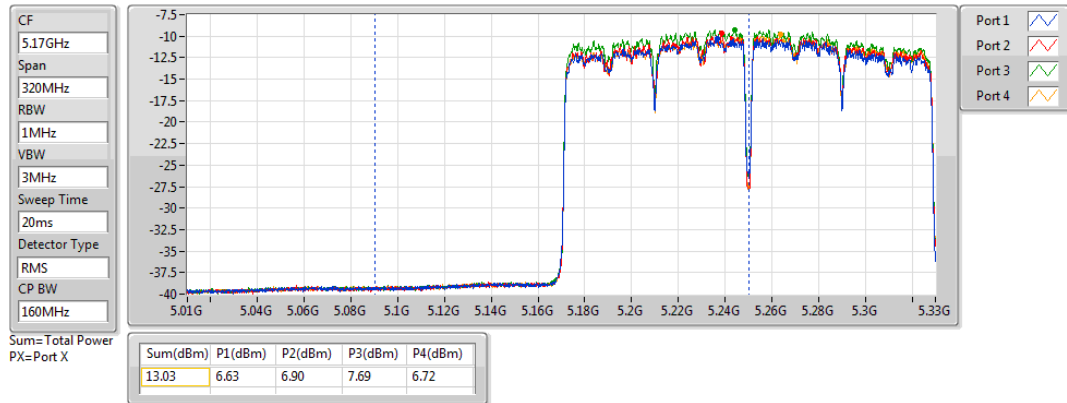
10/11/2019



802.11ac VHT160_Nss4,(MCS0)_4TX

AV Power

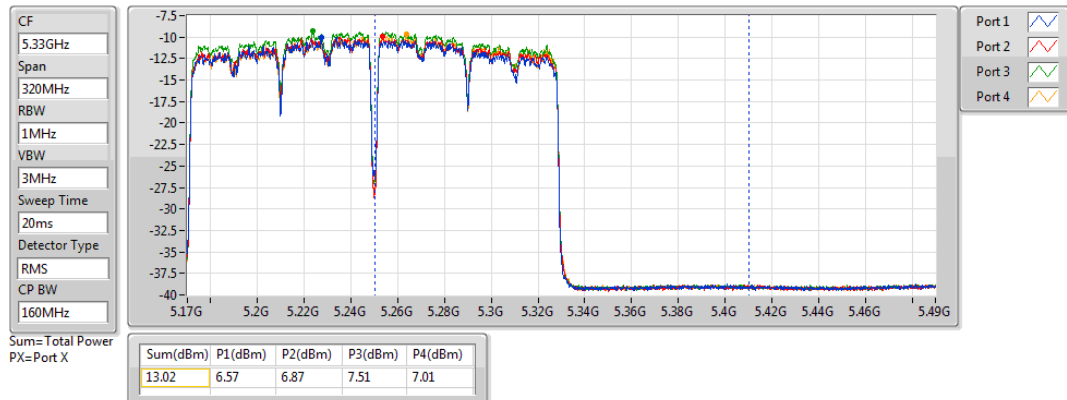
5250MHz Straddle 5.15-5.25GHz



802.11ac VHT160_Nss4,(MCS0)_4TX

AV Power

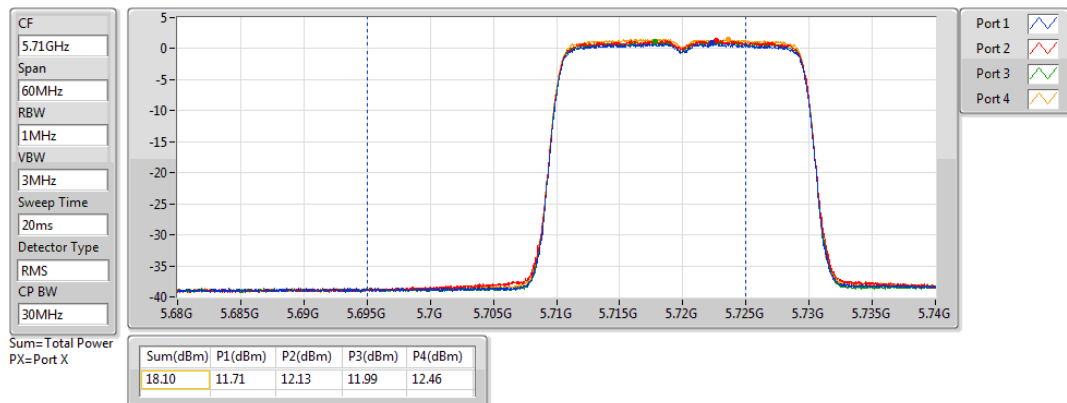
5250MHz Straddle 5.25-5.35GHz



802.11ax HEW20_Nss4,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

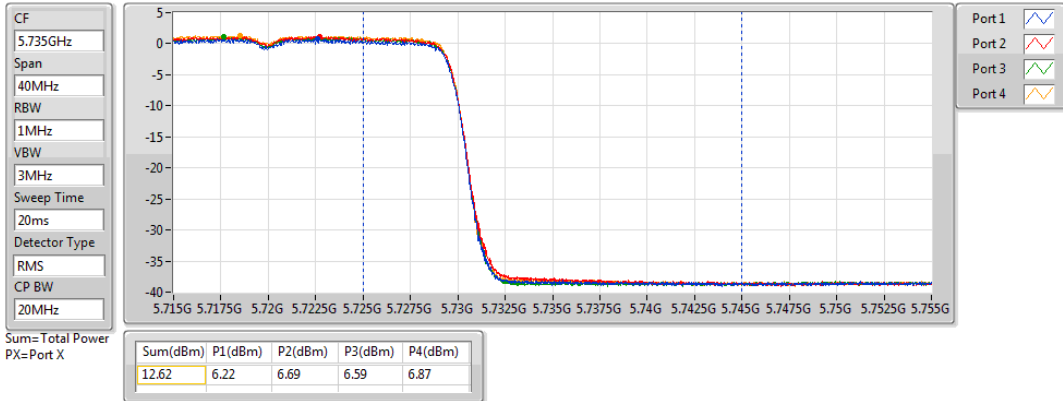


802.11ax HEW20_Nss4,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

09/11/2019

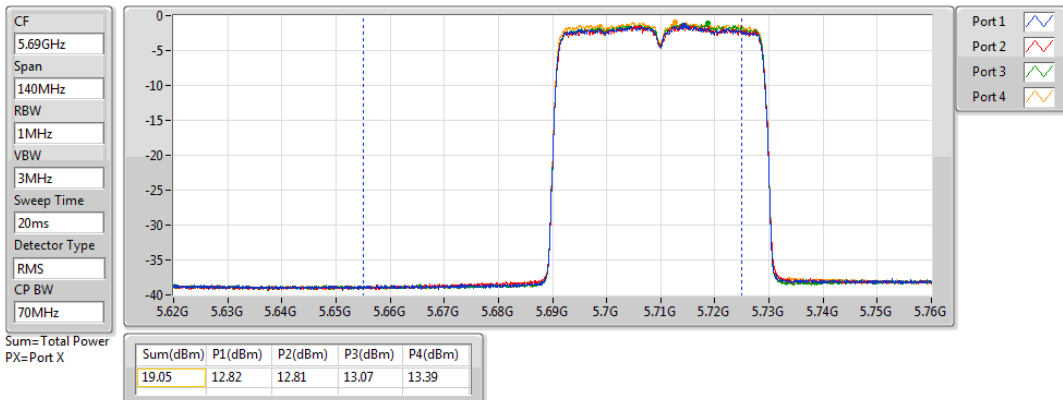


802.11ax HEW40_Nss4,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

09/11/2019

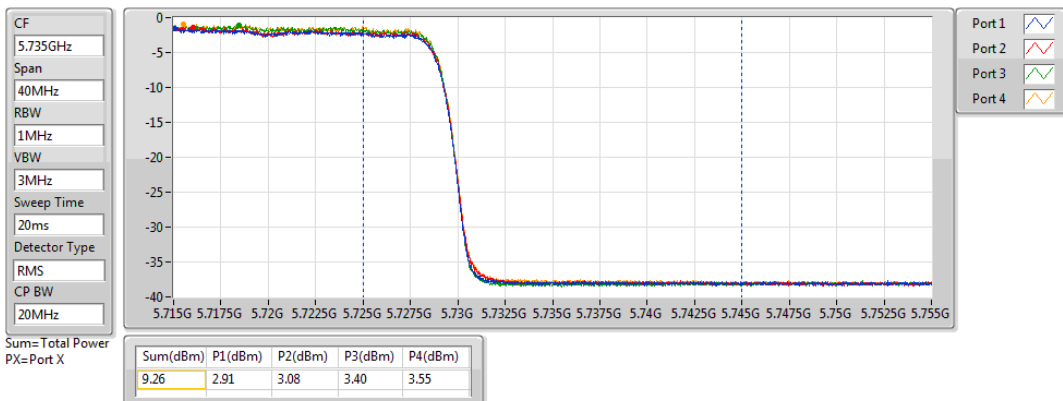


802.11ax HEW40_Nss4,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

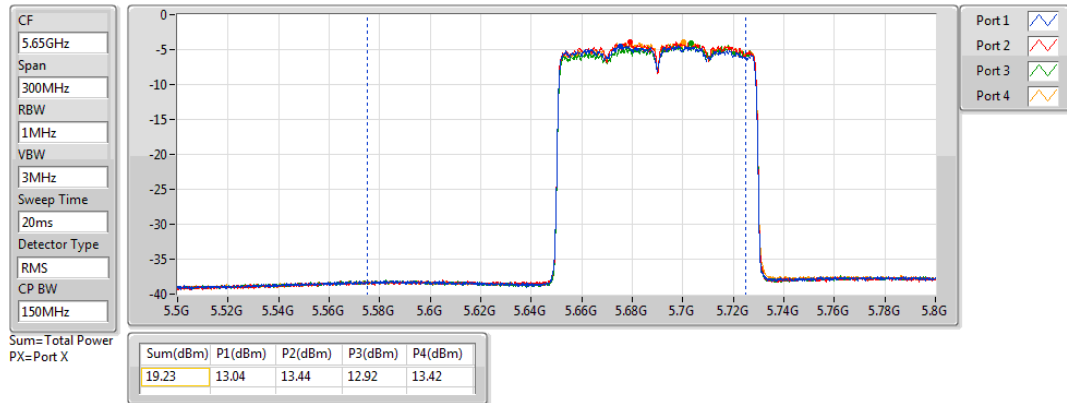
09/11/2019



802.11ax HEW80_Nss4,(MCS0)_4TX

AV Power

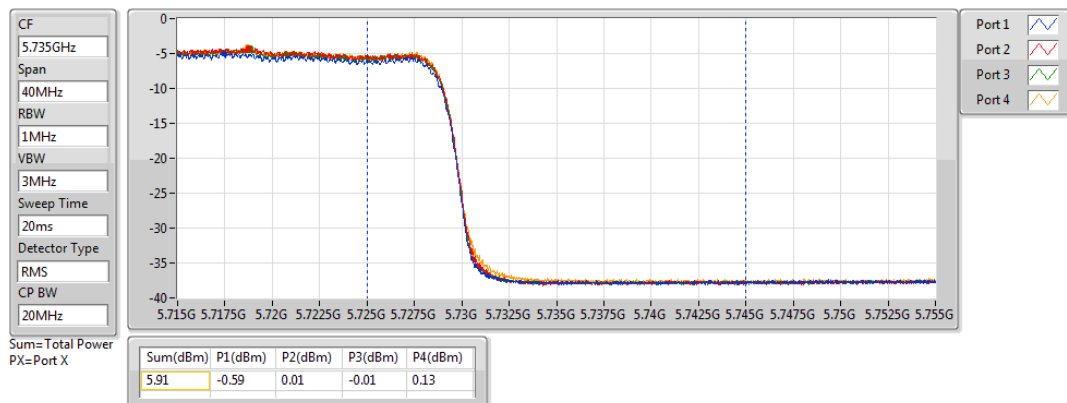
5690MHz Straddle 5.47-5.725GHz



802.11ax HEW80_Nss4,(MCS0)_4TX

AV Power

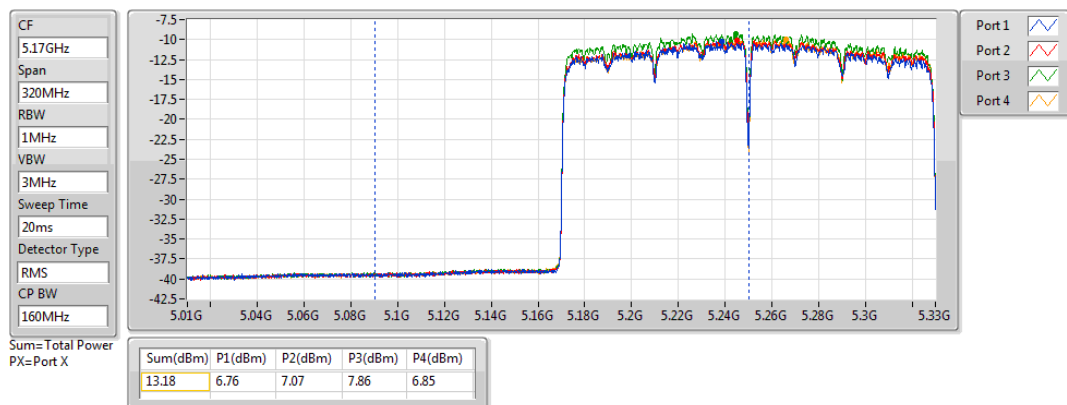
5690MHz Straddle 5.725-5.85GHz



802.11ax HEW160_Nss4,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

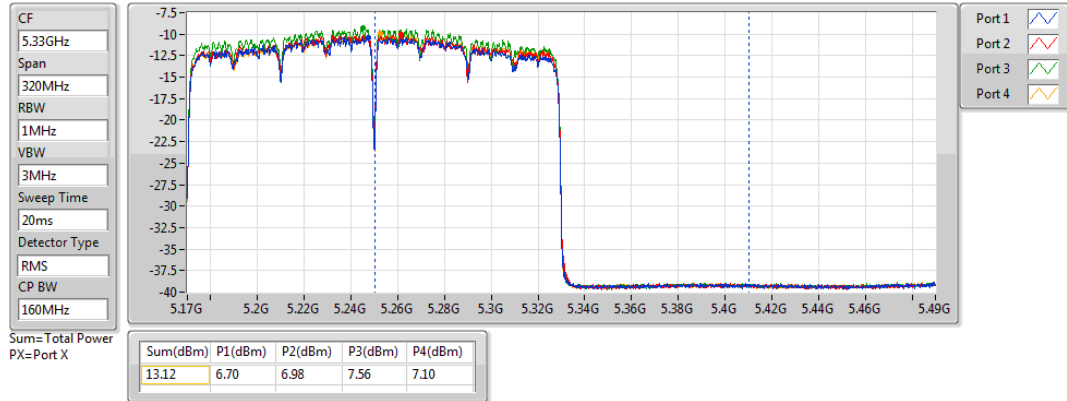


802.11ax HEW160_Nss4,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

10/11/2019



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	23.31	0.21429
802.11ac VHT20_Nss1,(MCS0)_1TX	23.52	0.22491
802.11ac VHT40_Nss1,(MCS0)_1TX	23.52	0.22491
802.11ac VHT80_Nss1,(MCS0)_1TX	19.53	0.08974
802.11ax HEW20_Nss1,(MCS0)_1TX	23.65	0.23174
802.11ax HEW40_Nss1,(MCS0)_1TX	23.68	0.23335
802.11ax HEW80_Nss1,(MCS0)_1TX	19.67	0.09268
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	23.48	0.22284
802.11ac VHT20_Nss1,(MCS0)_1TX	23.05	0.20184
802.11ac VHT40_Nss1,(MCS0)_1TX	23.45	0.22131
802.11ac VHT80_Nss1,(MCS0)_1TX	23.03	0.20091
802.11ax HEW20_Nss1,(MCS0)_1TX	23.16	0.20701
802.11ax HEW40_Nss1,(MCS0)_1TX	23.61	0.22961
802.11ax HEW80_Nss1,(MCS0)_1TX	23.10	0.20417
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	15.67	0.03690
802.11ac VHT20_Nss1,(MCS0)_1TX	15.49	0.03540
802.11ac VHT40_Nss1,(MCS0)_1TX	12.11	0.01626
802.11ac VHT80_Nss1,(MCS0)_1TX	9.39	0.00869
802.11ax HEW20_Nss1,(MCS0)_1TX	15.96	0.03945
802.11ax HEW40_Nss1,(MCS0)_1TX	12.85	0.01928
802.11ax HEW80_Nss1,(MCS0)_1TX	9.98	0.00995