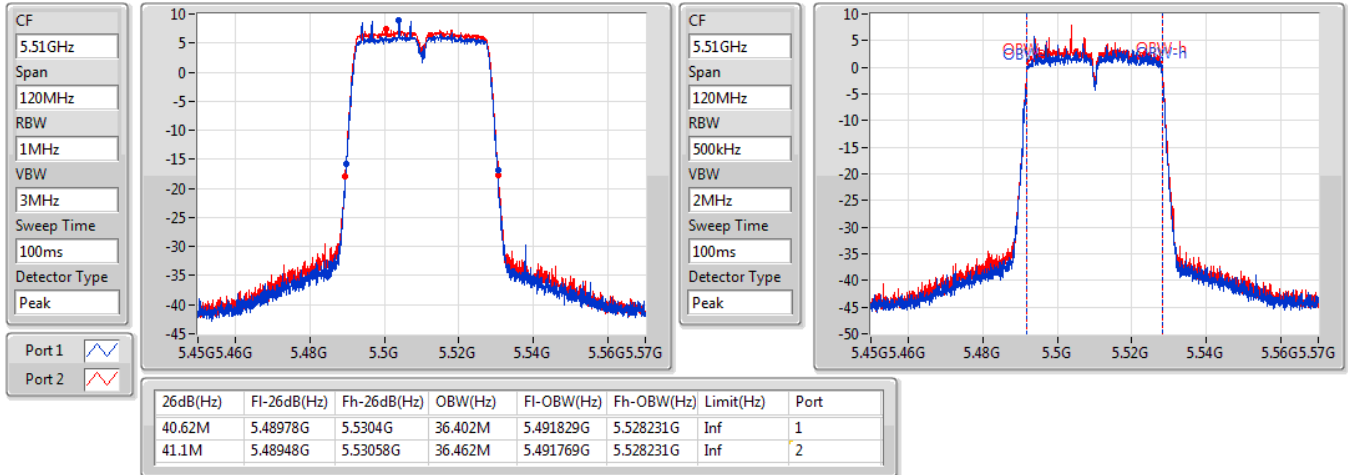
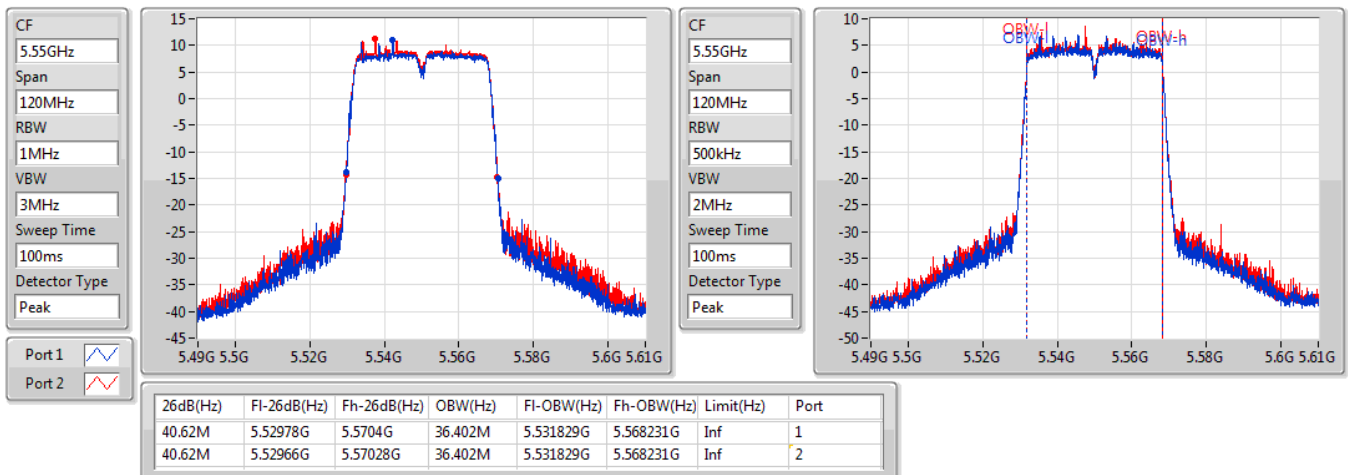


802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5510MHz

22/01/2020


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

22/01/2020

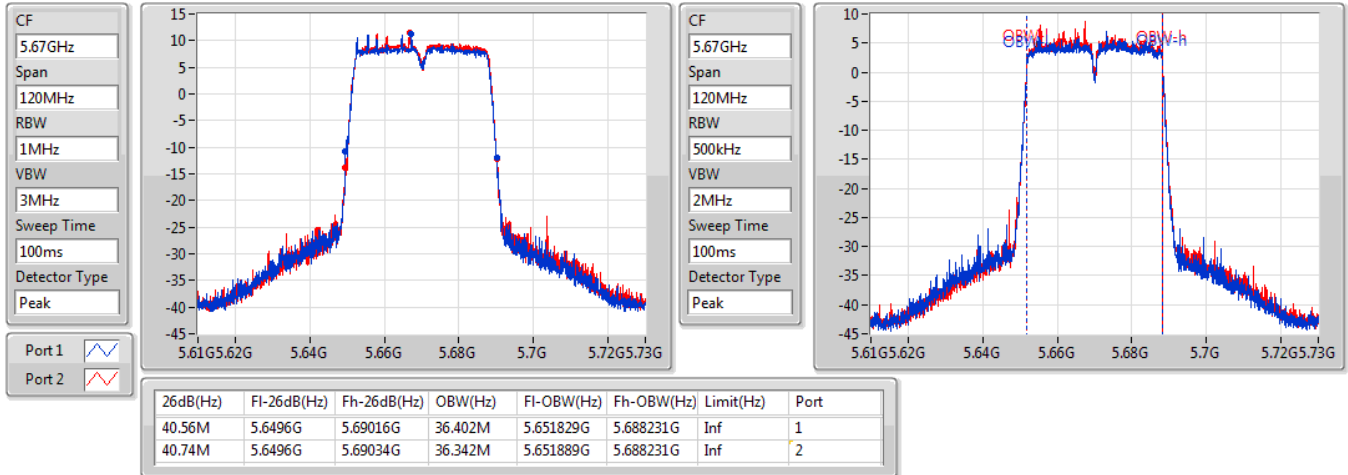


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5670MHz

22/01/2020

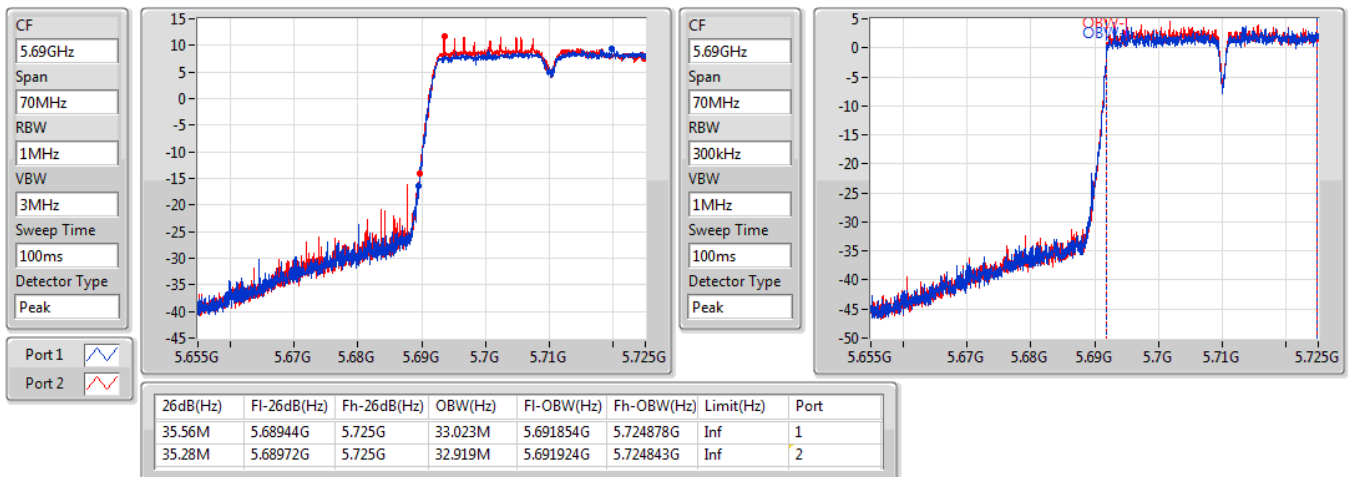


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

22/01/2020

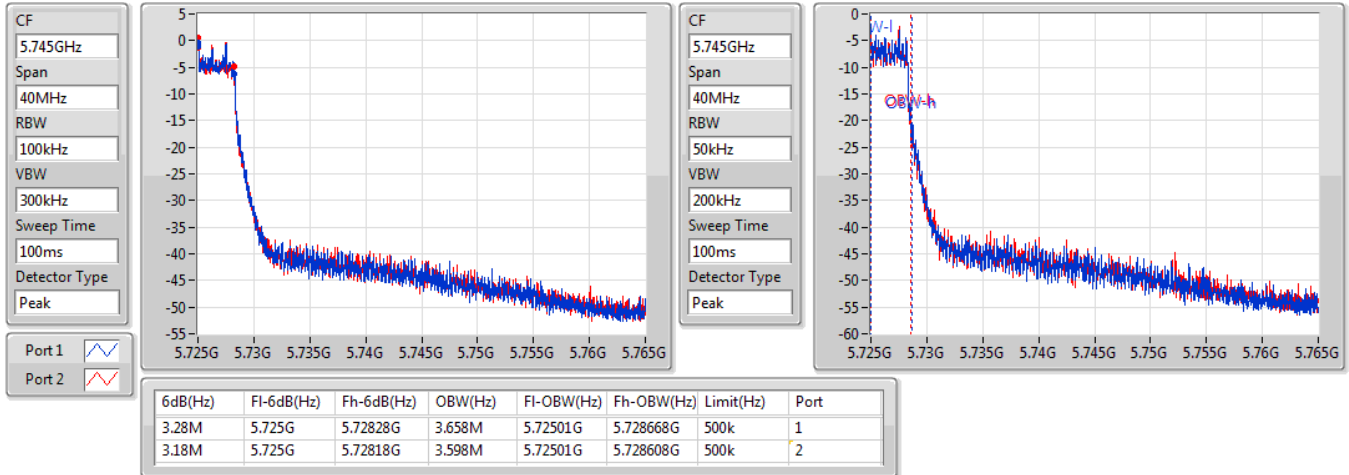


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

22/01/2020

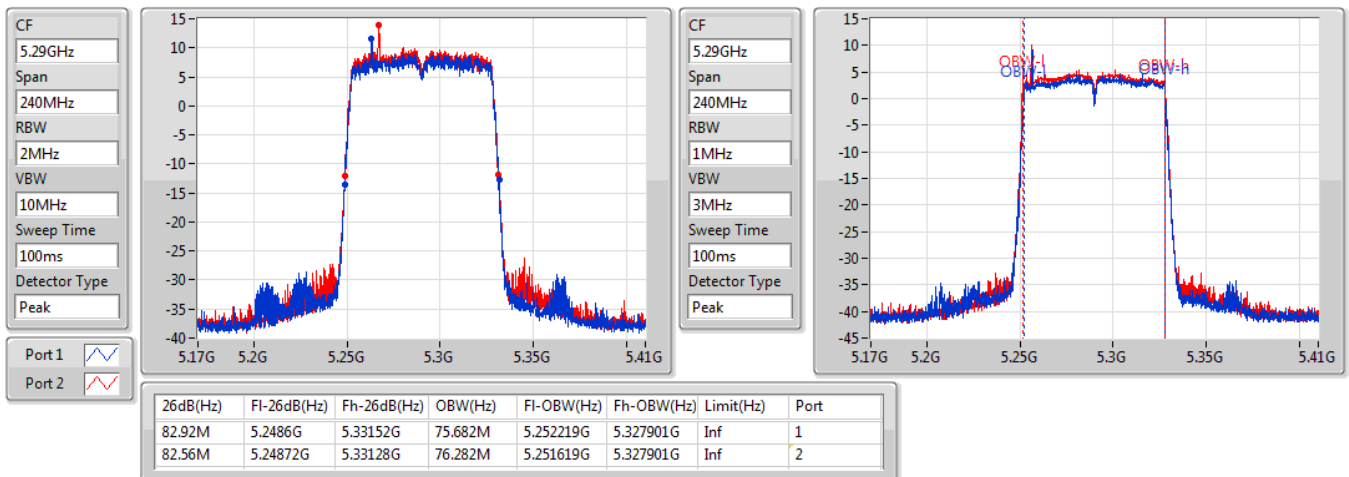


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5290MHz

22/01/2020

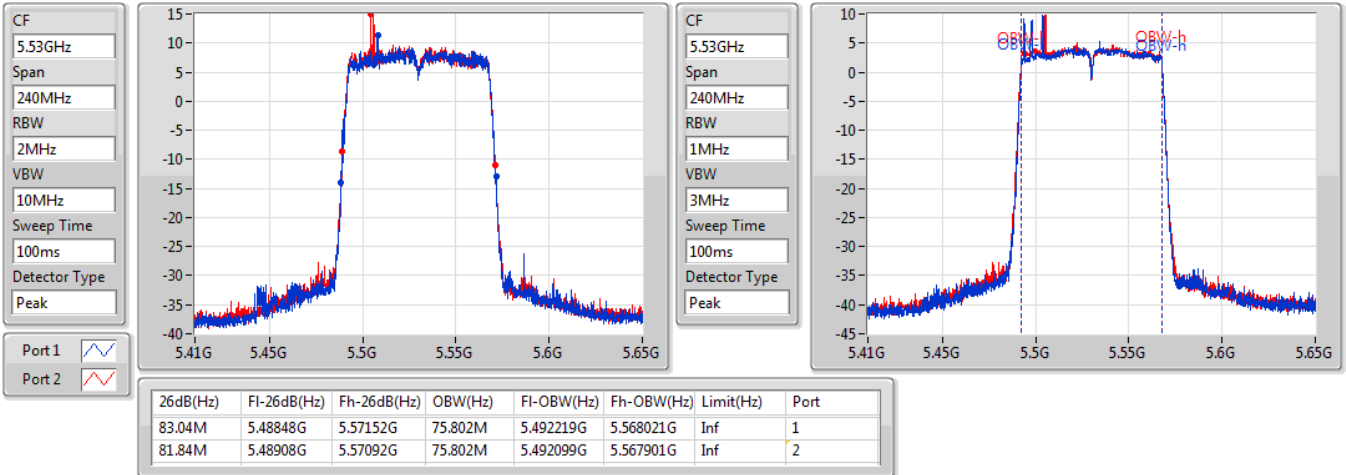


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5530MHz

22/01/2020

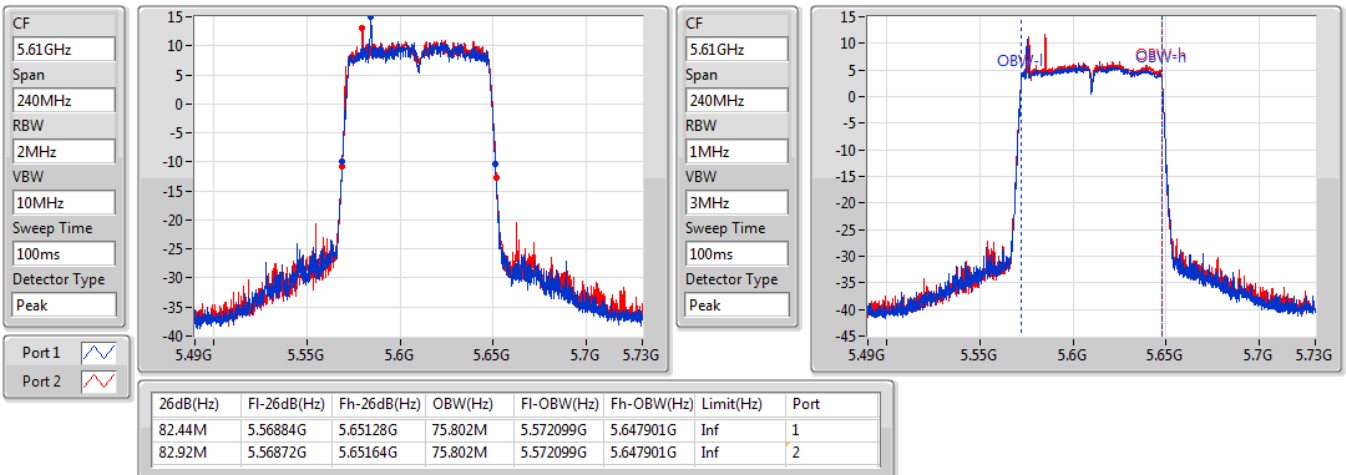


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5610MHz

22/01/2020

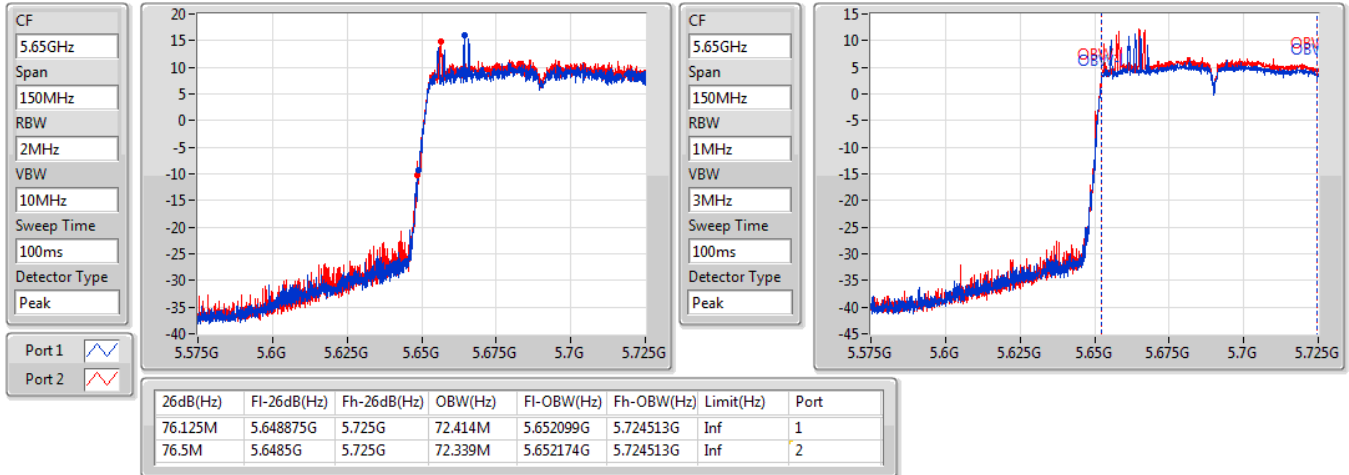


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

22/01/2020

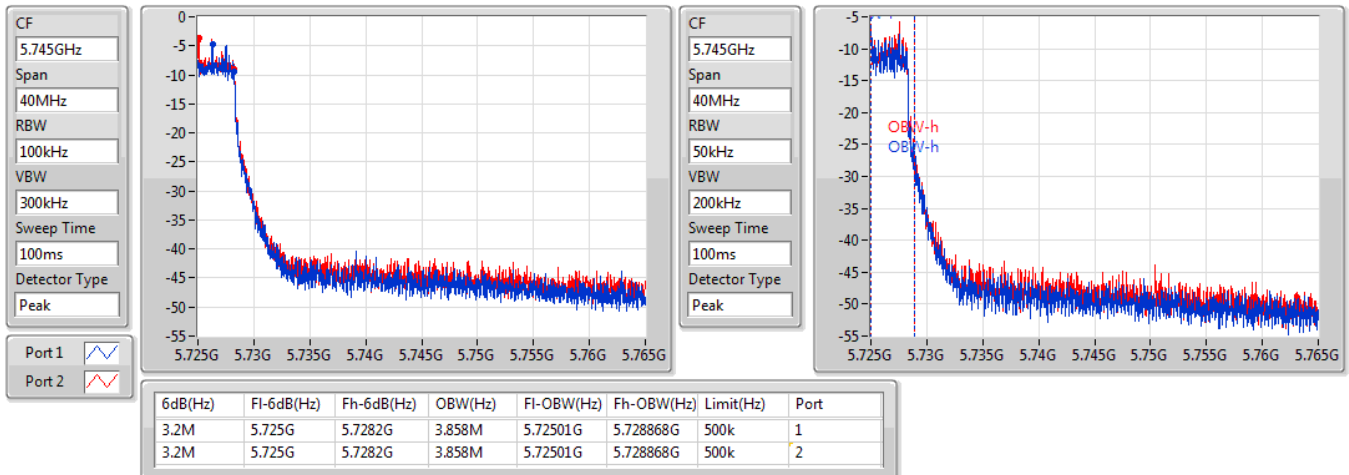


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

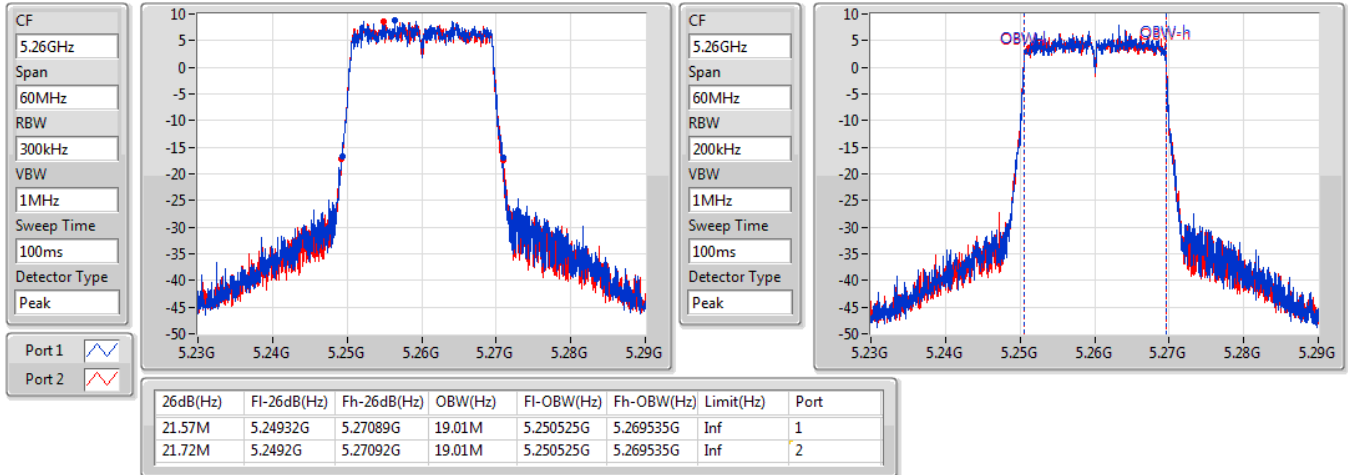
5690MHz Straddle 5.725-5.85GHz

22/01/2020

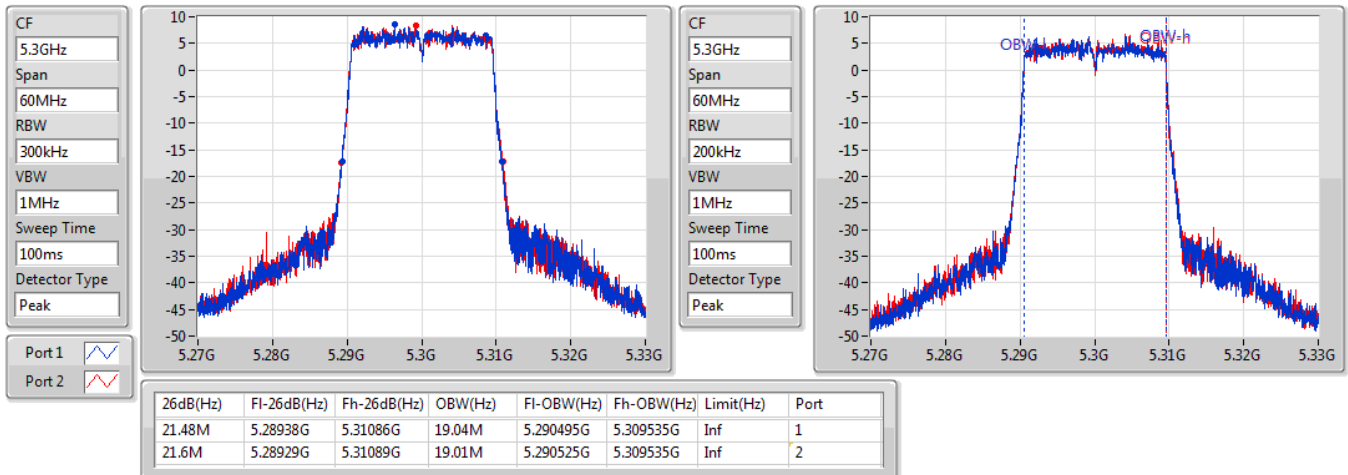


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5260MHz

22/01/2020


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

22/01/2020

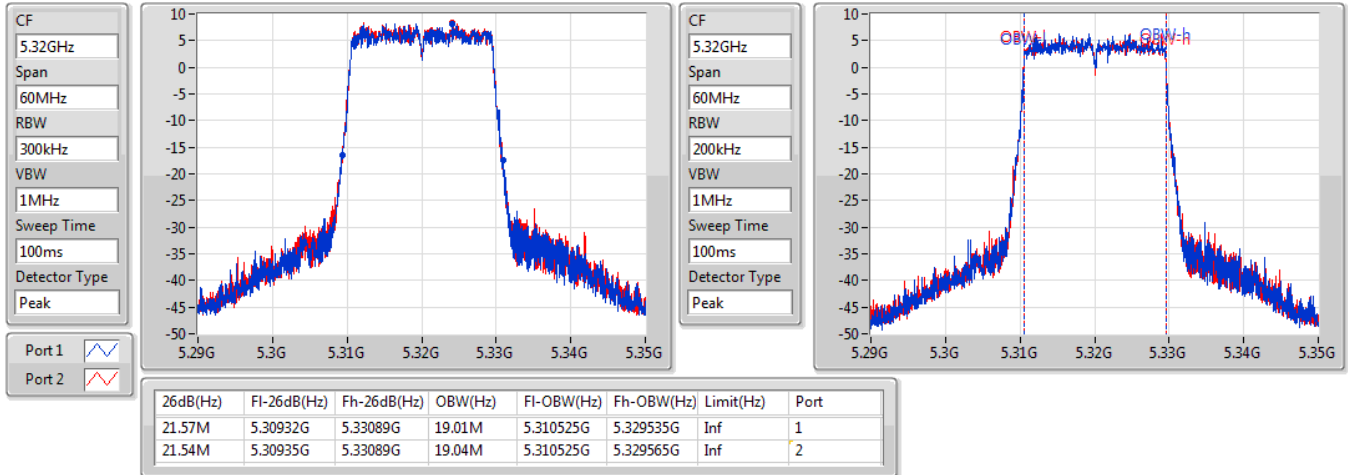


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5320MHz

22/01/2020

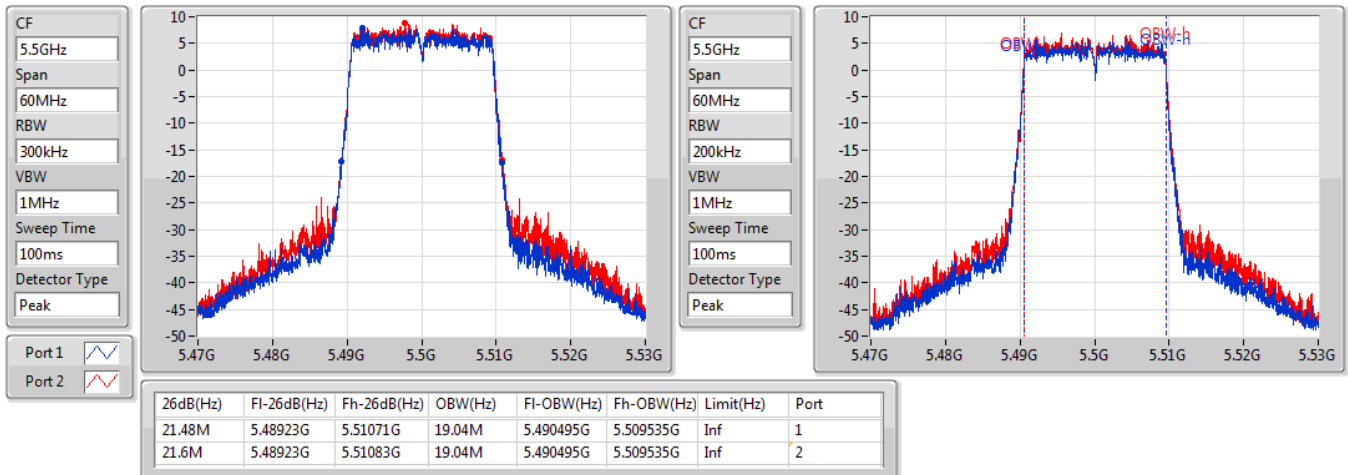


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5500MHz

22/01/2020

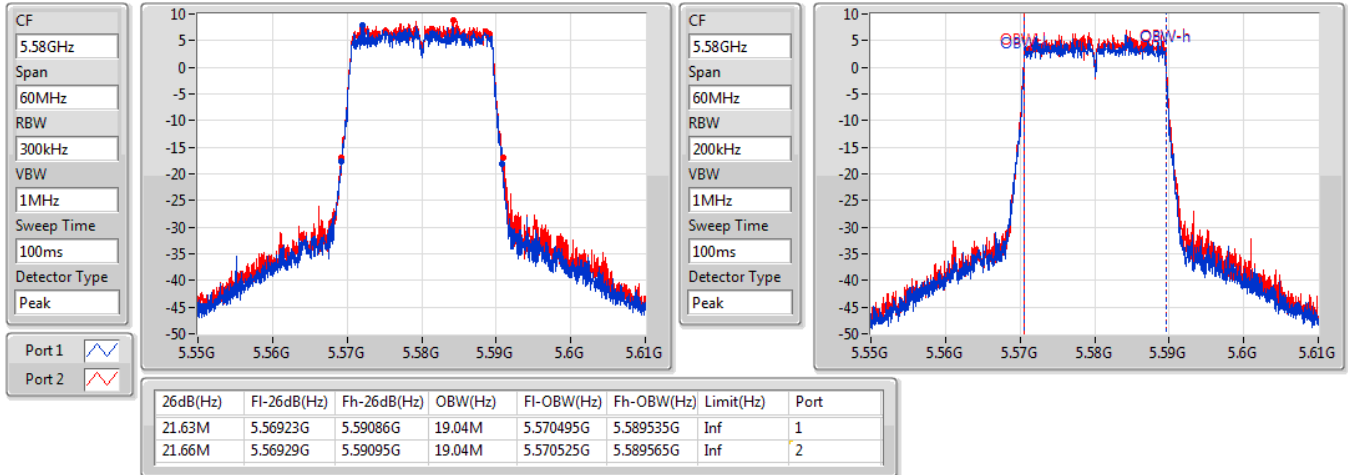


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5580MHz

22/01/2020

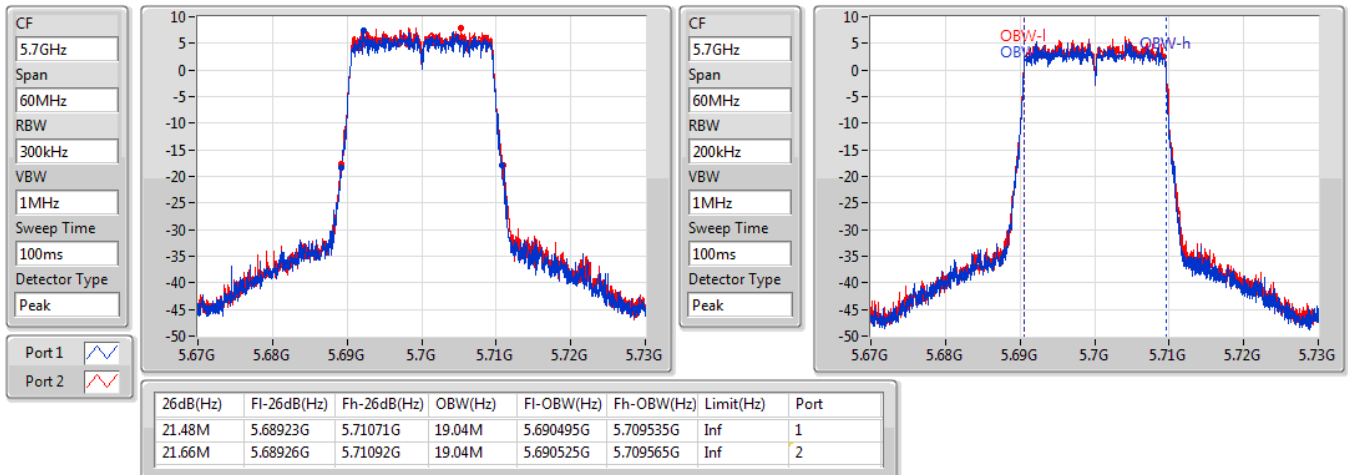


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

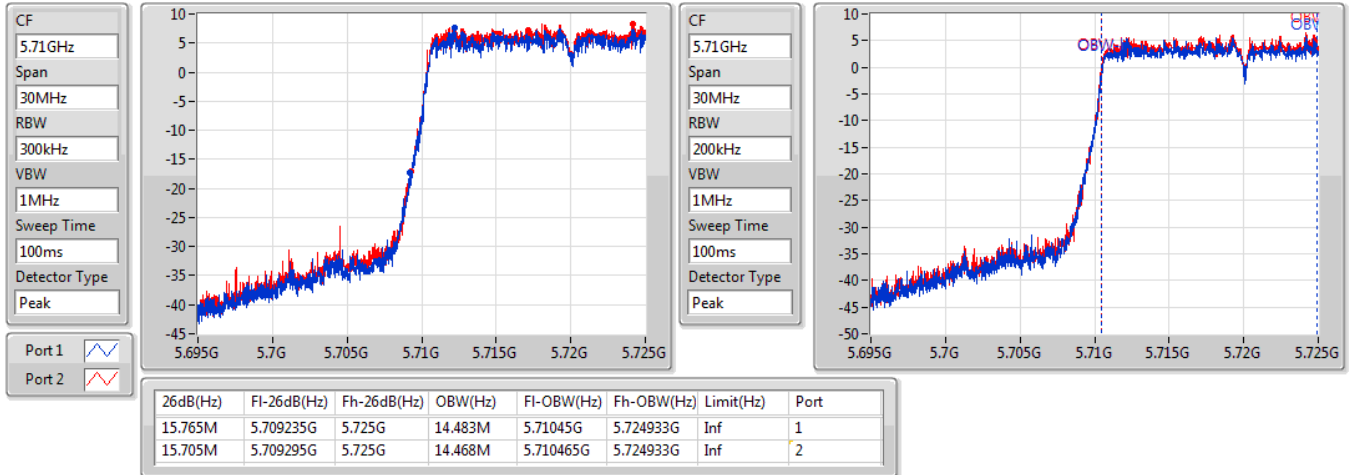
5700MHz

22/01/2020

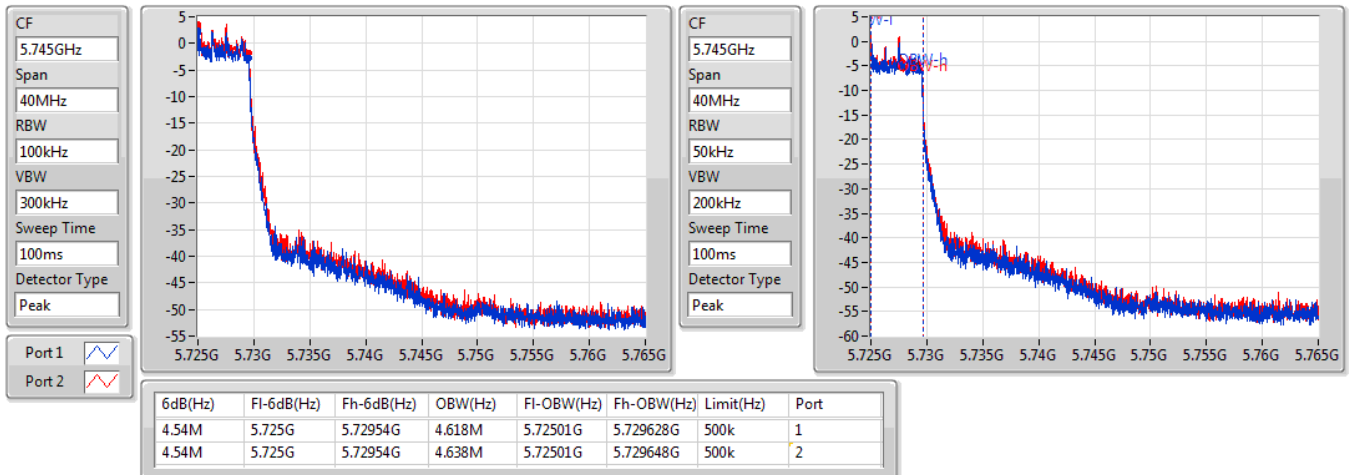


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

22/01/2020

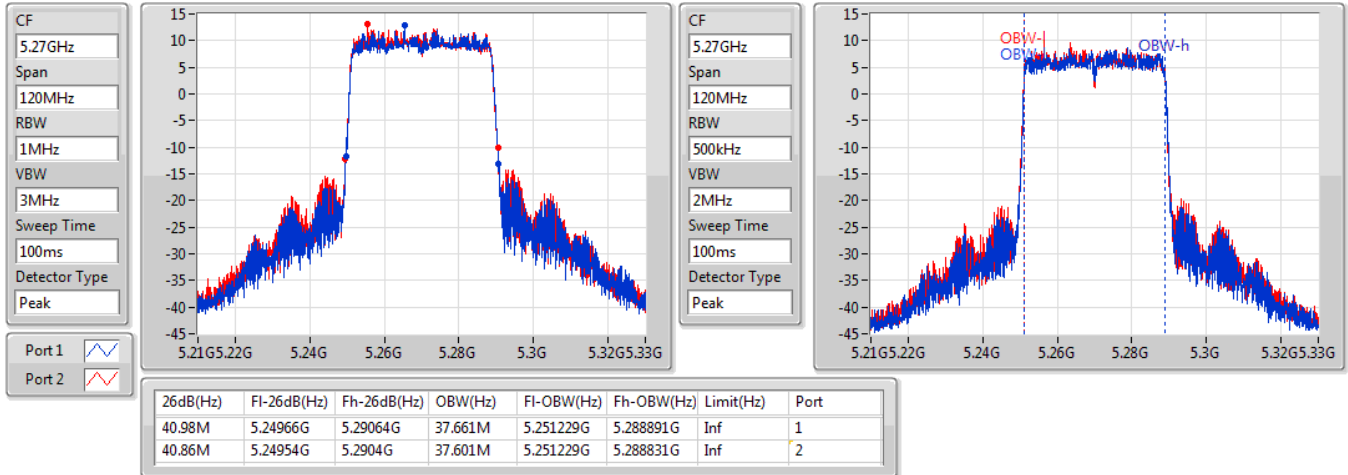

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

22/01/2020

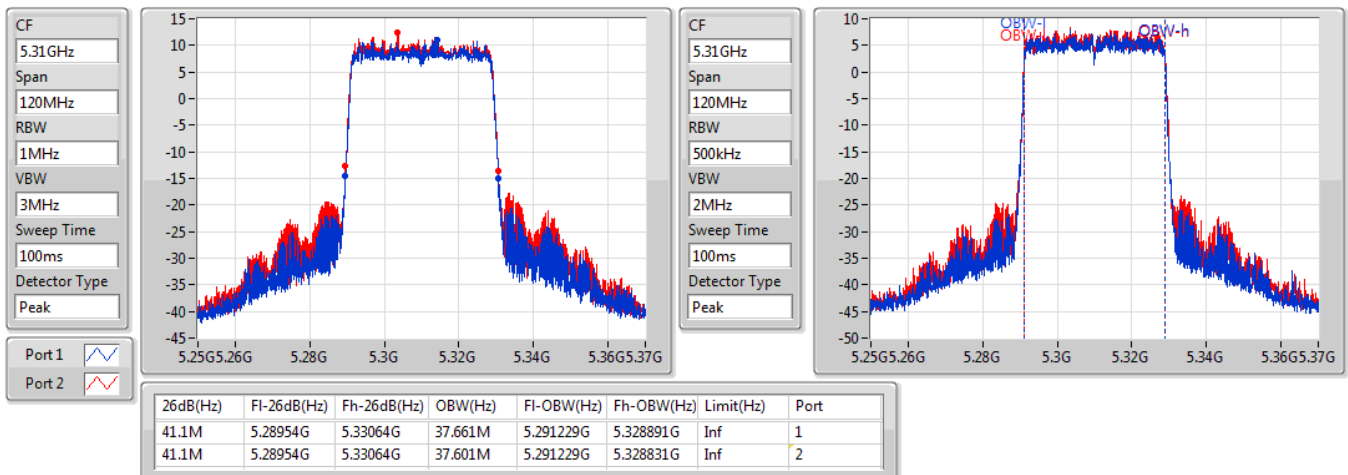


802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5270MHz

22/01/2020


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

22/01/2020

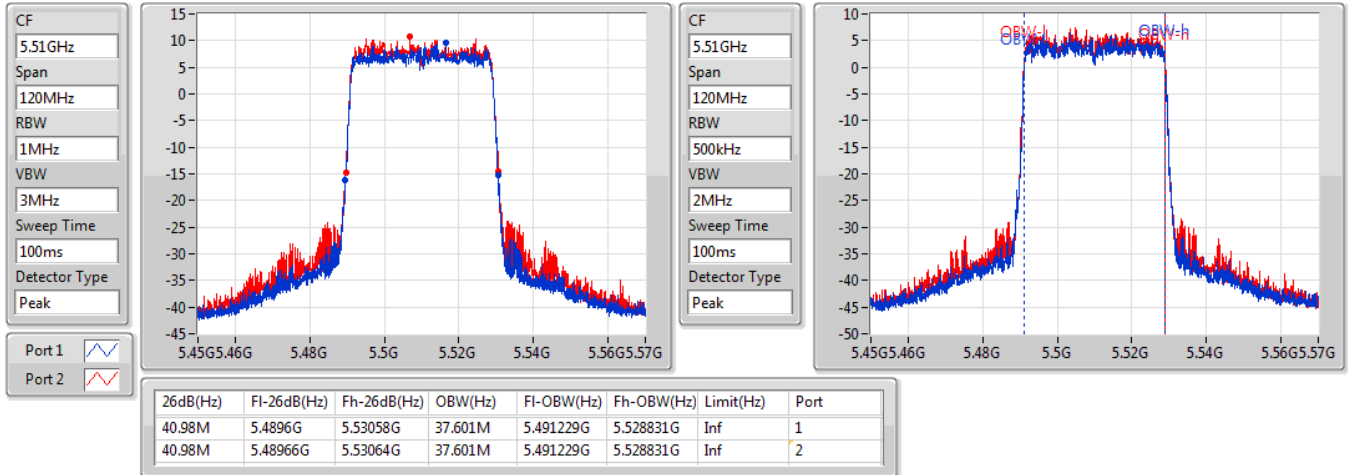


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5510MHz

22/01/2020

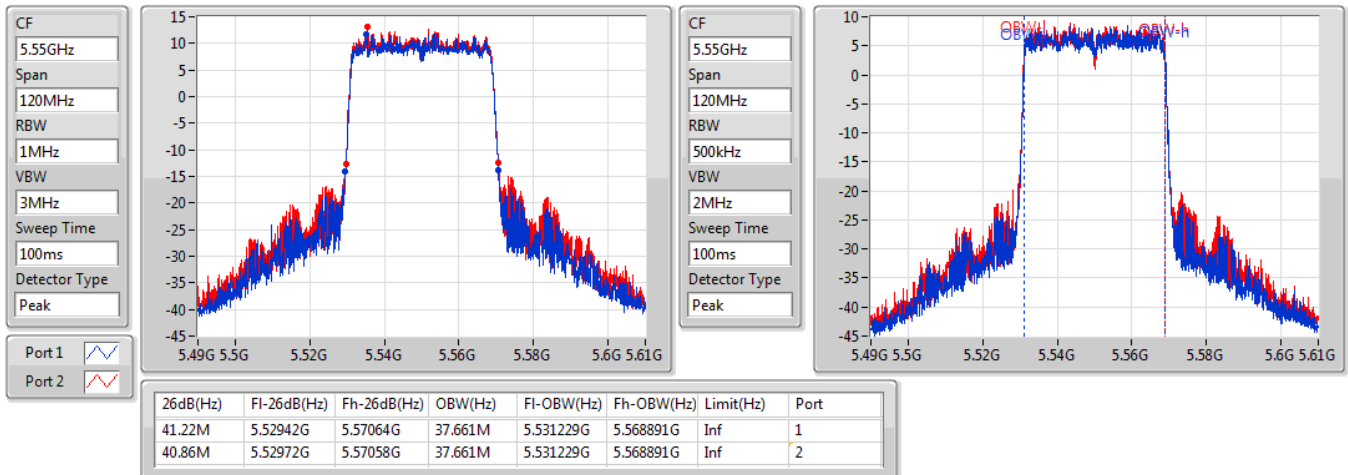


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5550MHz

22/01/2020

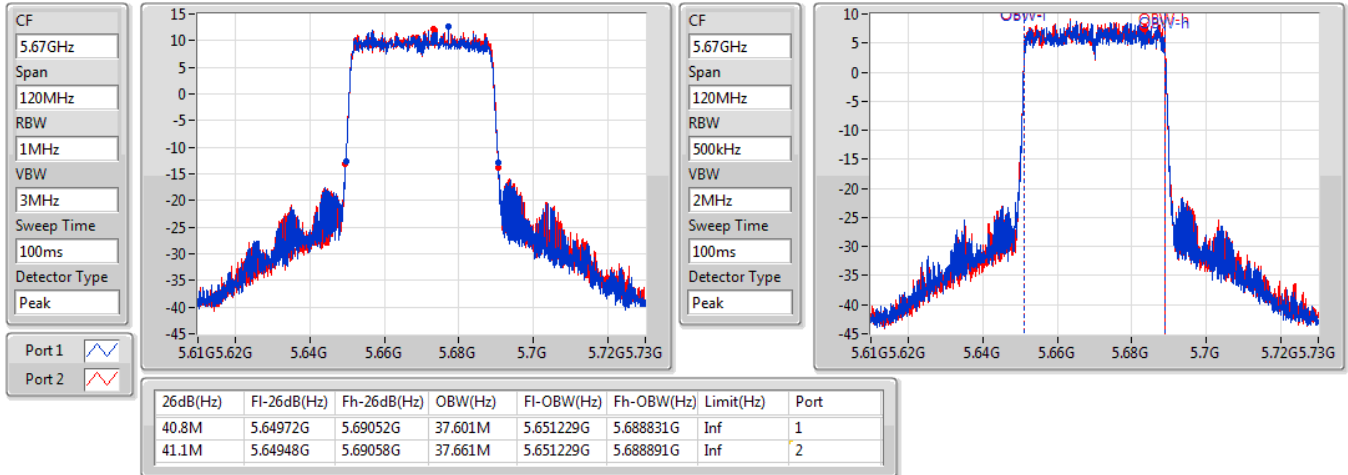


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5670MHz

22/01/2020

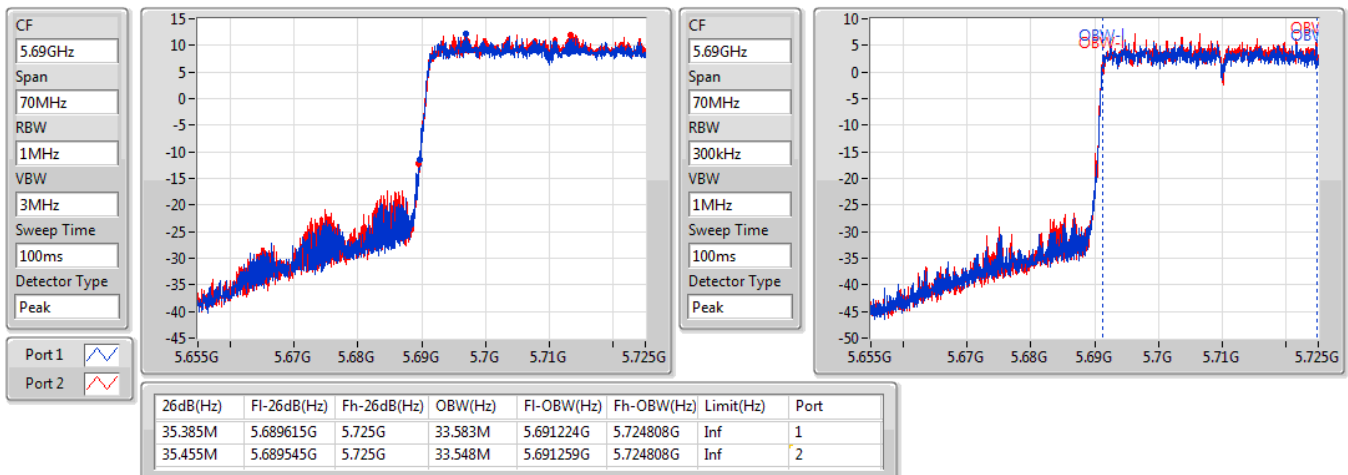


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

22/01/2020

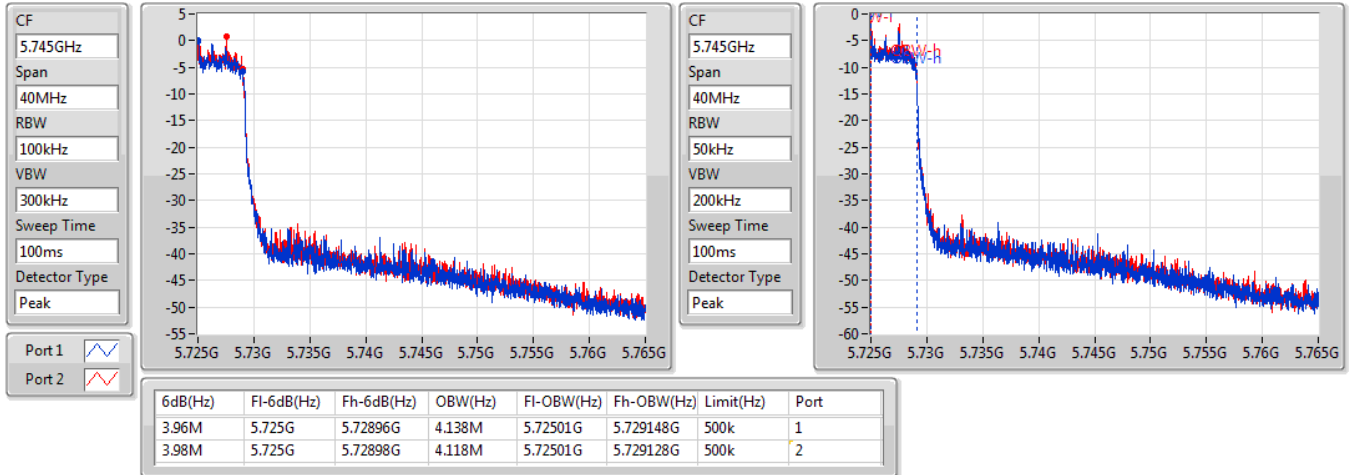


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

22/01/2020

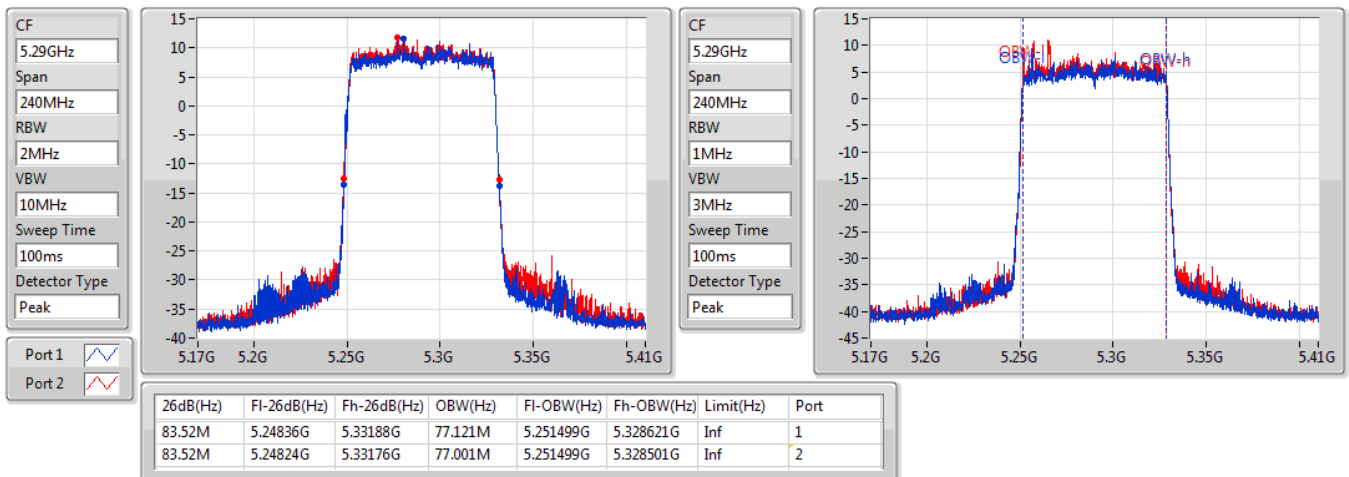


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5290MHz

22/01/2020

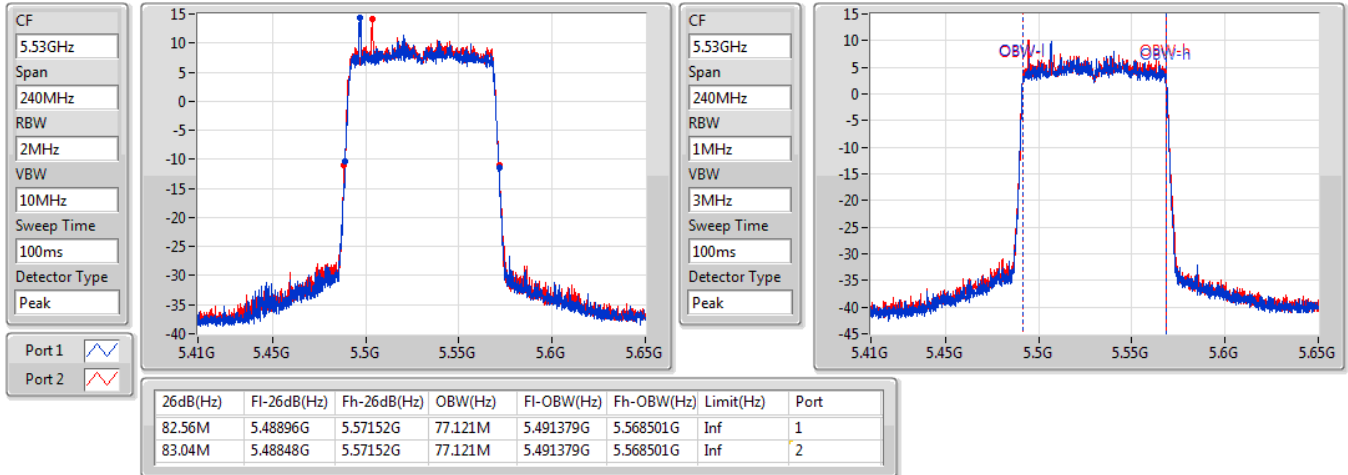


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5530MHz

22/01/2020

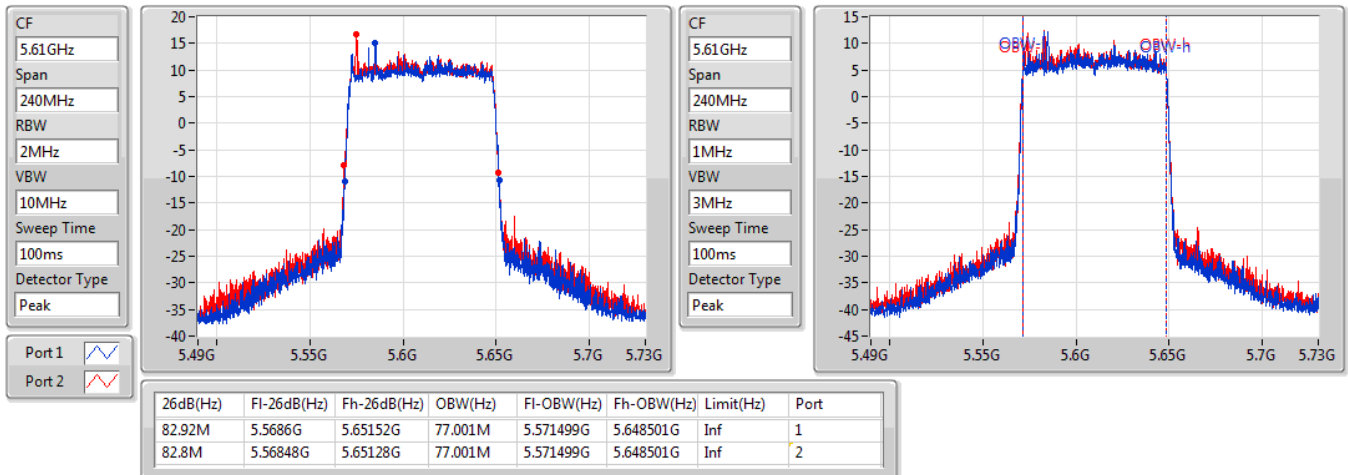


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5610MHz

22/01/2020

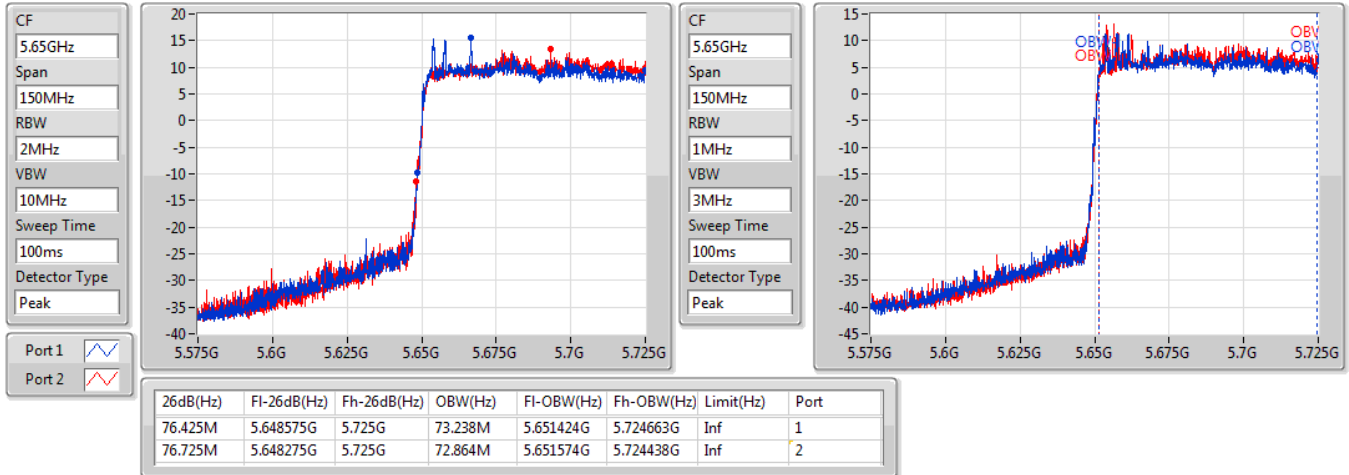


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

22/01/2020

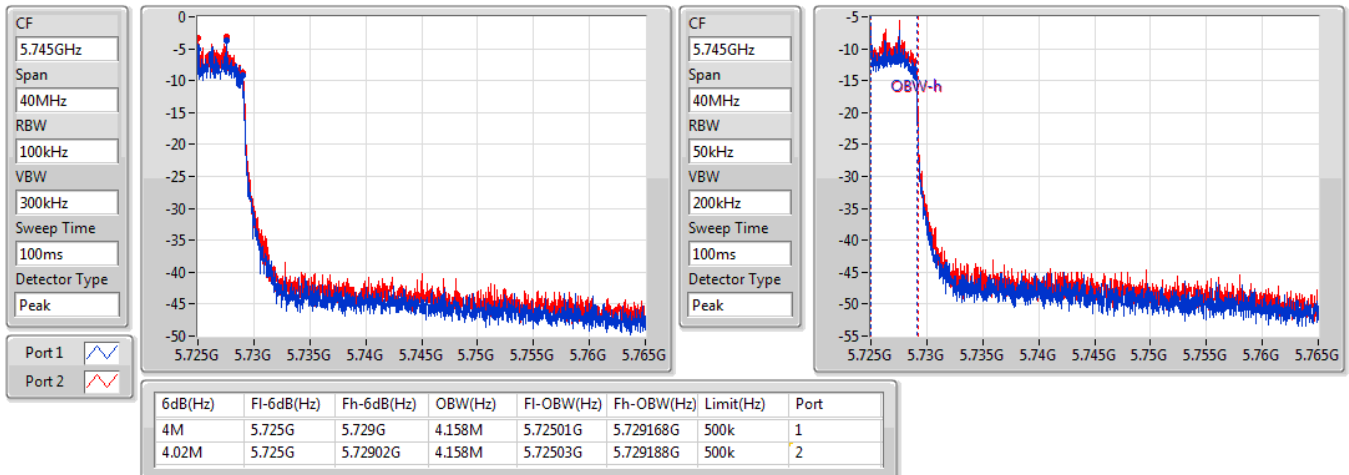


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

22/01/2020



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	21.9M	17.961M	18M0D1D	21.75M	17.871M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	41.16M	36.462M	36M5D1D	40.5M	36.402M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	82.92M	76.282M	76M3D1D	82.44M	75.682M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.84M	19.04M	19M0D1D	21.48M	18.981M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	41.1M	37.601M	37M6D1D	40.92M	37.541M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	83.76M	77.001M	77M0D1D	82.32M	77.001M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.99M	17.931M	17M9D1D	15.915M	13.898M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	40.68M	36.462M	36M5D1D	35.315M	32.919M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	82.68M	75.802M	75M8D1D	76.65M	72.414M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.78M	19.01M	19M0D1D	15.75M	14.453M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	41.34M	37.661M	37M7D1D	35.42M	33.548M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	83.16M	77.121M	77M1D1D	75.975M	72.939M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	3.84M	4.338M	4M34D1D	3.84M	4.318M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	3.2M	3.598M	3M60D1D	3.2M	3.598M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	3.2M	3.838M	3M84D1D	3.2M	3.798M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	4.54M	4.638M	4M64D1D	4.52M	4.618M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	3.94M	4.138M	4M14D1D	3.94M	4.138M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	4.04M	4.158M	4M16D1D	4.02M	4.138M

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	21.9M	17.901M	21.87M	17.961M
5300MHz	Pass	Inf	21.78M	17.871M	21.87M	17.931M
5320MHz	Pass	Inf	21.84M	17.871M	21.75M	17.901M
5500MHz	Pass	Inf	21.84M	17.871M	21.84M	17.931M
5580MHz	Pass	Inf	21.81M	17.871M	21.99M	17.931M
5700MHz	Pass	Inf	21.87M	17.871M	21.78M	17.931M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.915M	13.898M	16.005M	13.988M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.84M	4.338M	3.84M	4.318M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40.62M	36.462M	40.86M	36.402M
5310MHz	Pass	Inf	40.5M	36.402M	41.16M	36.402M
5510MHz	Pass	Inf	40.5M	36.402M	40.38M	36.402M
5550MHz	Pass	Inf	40.68M	36.402M	40.5M	36.402M
5670MHz	Pass	Inf	40.56M	36.462M	40.56M	36.342M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.35M	32.919M	35.315M	32.919M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.2M	3.598M	3.2M	3.598M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	82.44M	75.682M	82.92M	76.282M
5530MHz	Pass	Inf	82.68M	75.682M	82.2M	75.802M
5610MHz	Pass	Inf	82.56M	75.802M	82.2M	75.802M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	77.1M	72.414M	76.65M	72.489M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.2M	3.838M	3.2M	3.798M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.6M	19.01M	21.48M	19.04M
5300MHz	Pass	Inf	21.48M	18.981M	21.75M	18.981M
5320MHz	Pass	Inf	21.84M	18.981M	21.54M	18.981M
5500MHz	Pass	Inf	21.72M	18.981M	21.6M	18.981M
5580MHz	Pass	Inf	21.78M	18.981M	21.42M	18.981M
5700MHz	Pass	Inf	21.66M	19.01M	21.72M	18.981M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.825M	14.453M	15.75M	14.453M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.54M	4.618M	4.52M	4.638M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40.98M	37.541M	40.92M	37.601M
5310MHz	Pass	Inf	41.1M	37.541M	40.92M	37.601M
5510MHz	Pass	Inf	41.16M	37.661M	41.04M	37.601M
5550MHz	Pass	Inf	41.1M	37.601M	41.16M	37.541M
5670MHz	Pass	Inf	41.34M	37.601M	41.04M	37.541M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.805M	33.583M	35.42M	33.548M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.94M	4.138M	3.94M	4.138M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	83.76M	77.001M	82.32M	77.001M
5530MHz	Pass	Inf	82.92M	77.121M	82.44M	77.121M
5610MHz	Pass	Inf	82.56M	77.121M	83.16M	77.121M



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	72.939M	76.2M	72.939M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.02M	4.158M	4.04M	4.138M

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

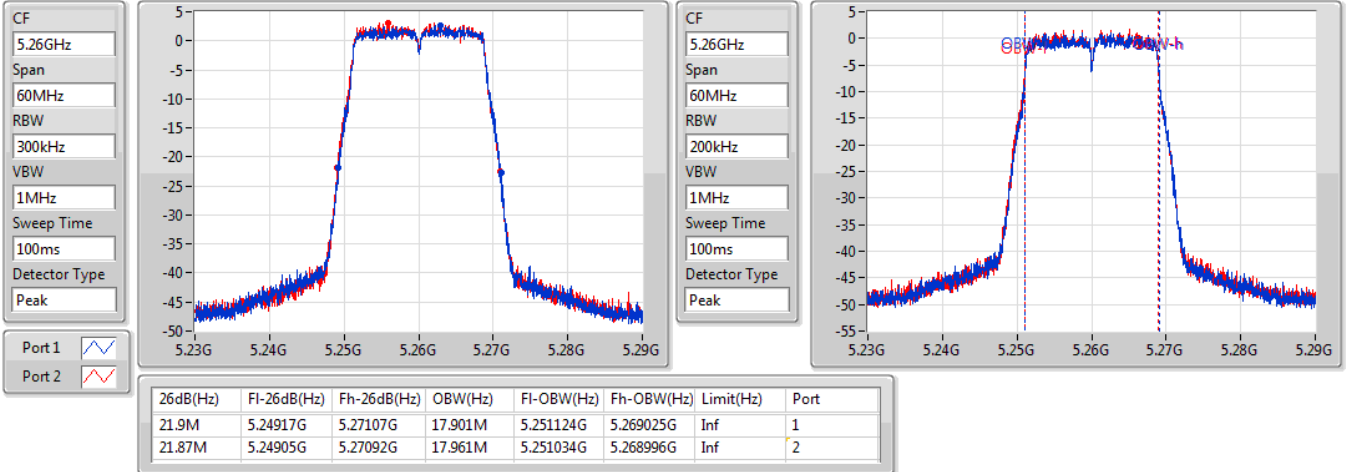
Port X-OBW = Port X 99% occupied bandwidth;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5260MHz

23/01/2020

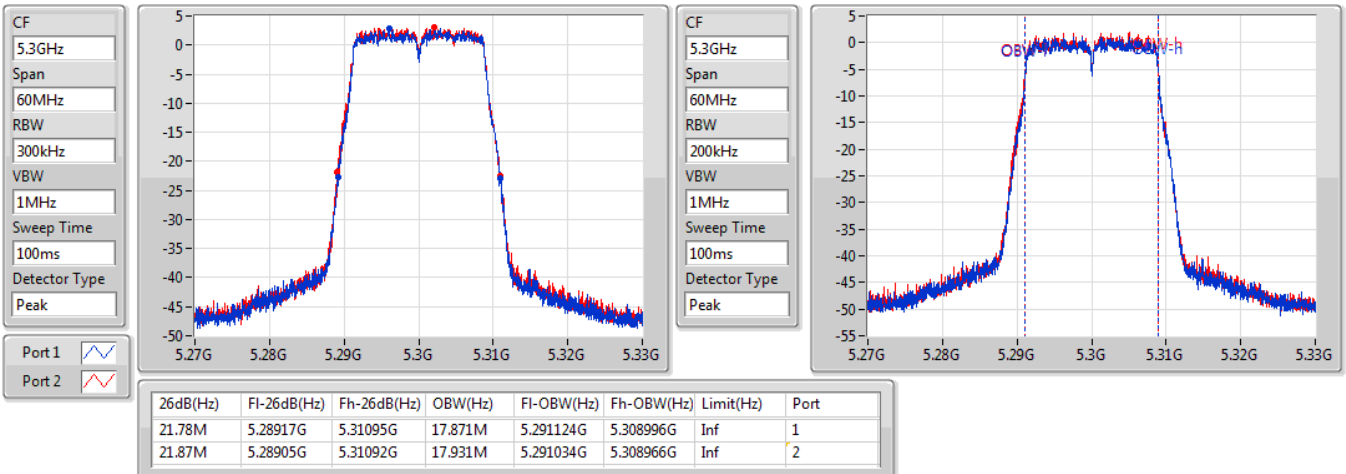


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5300MHz

23/01/2020

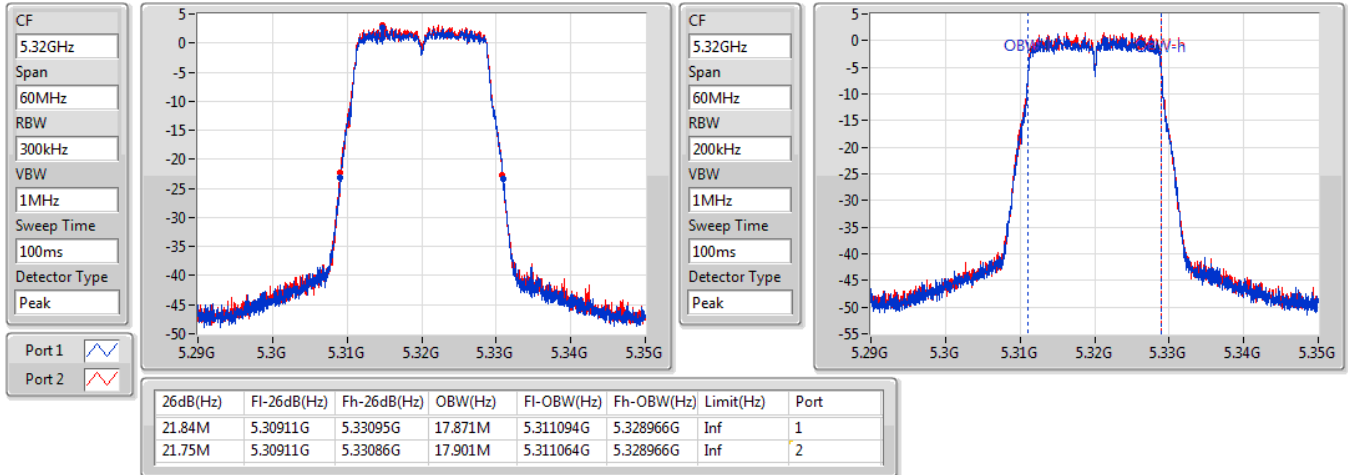


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5320MHz

23/01/2020

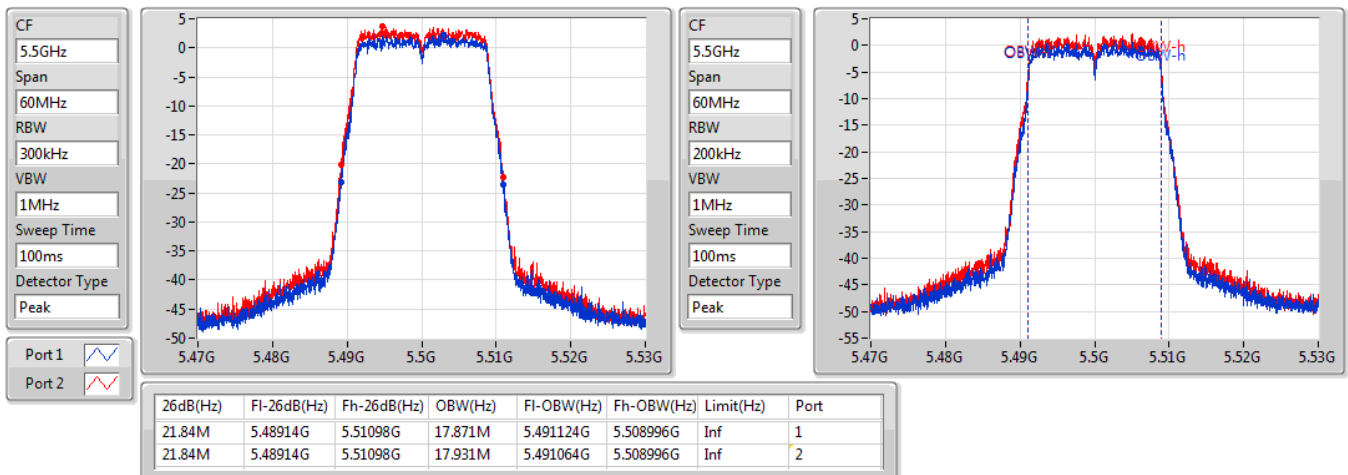


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5500MHz

23/01/2020

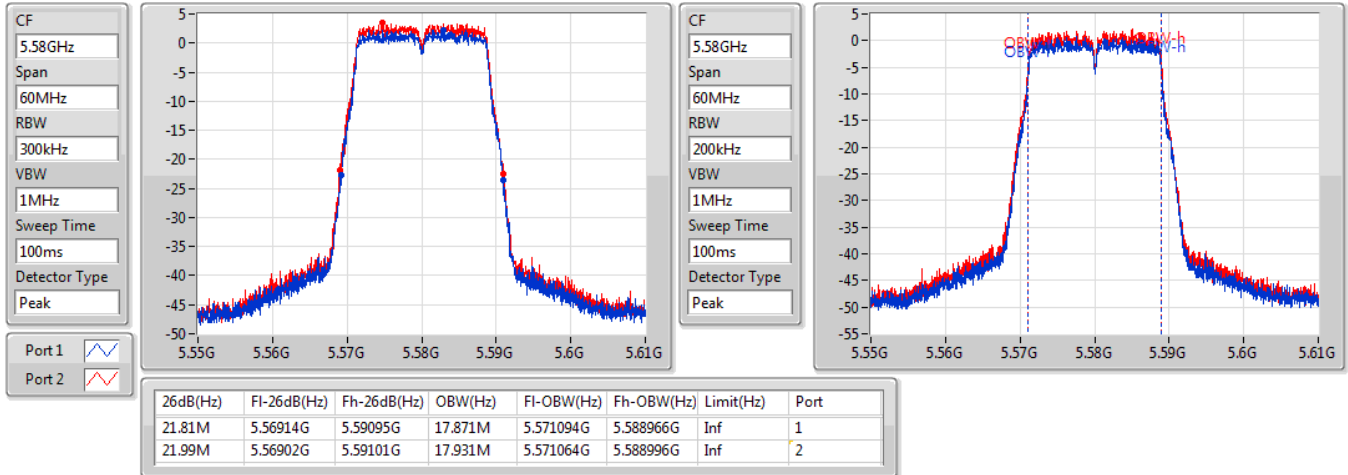


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5580MHz

23/01/2020

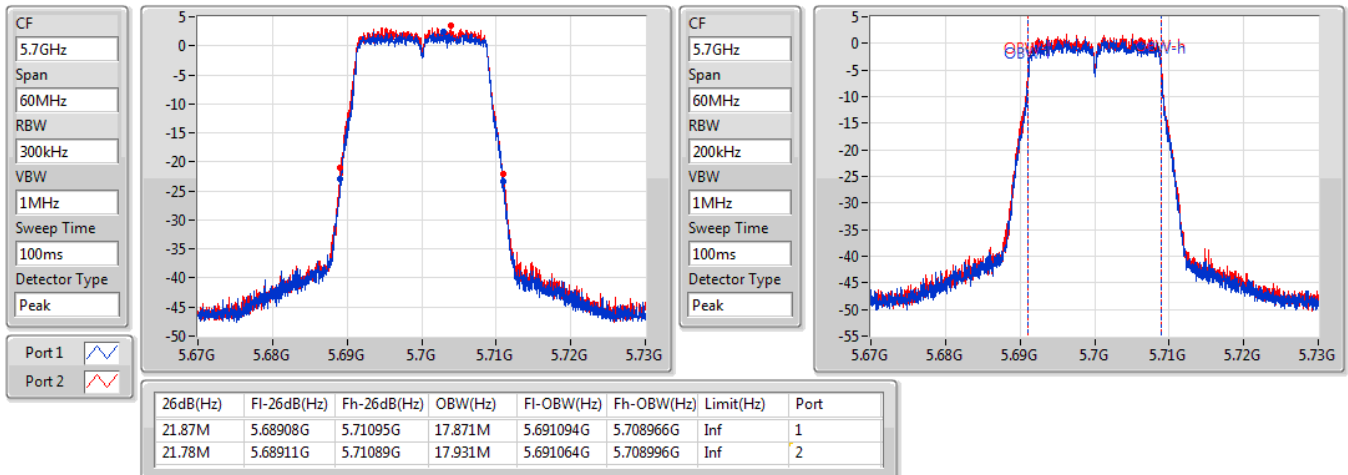


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

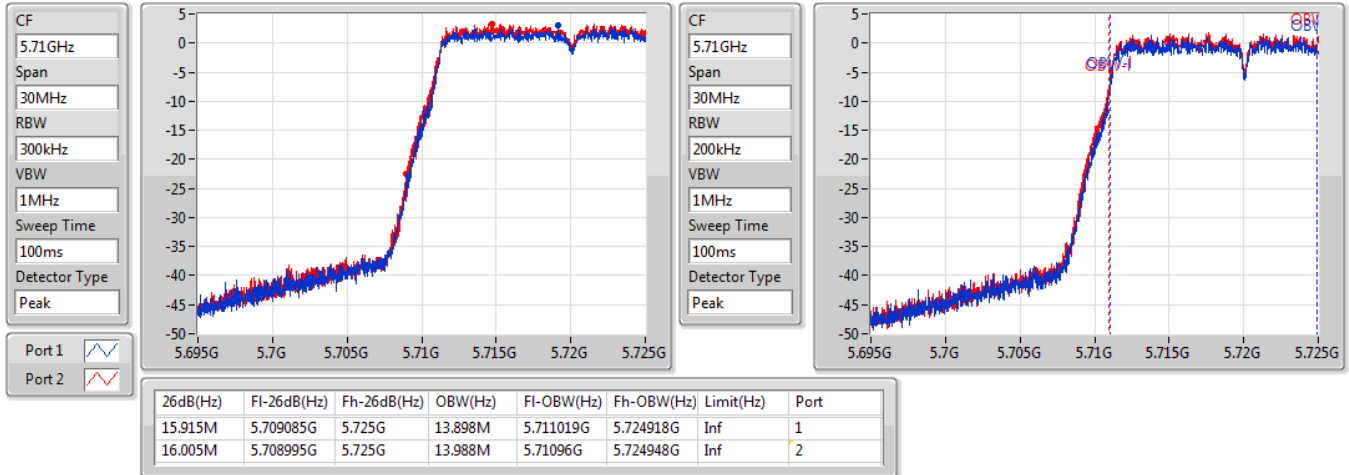
5700MHz

23/01/2020

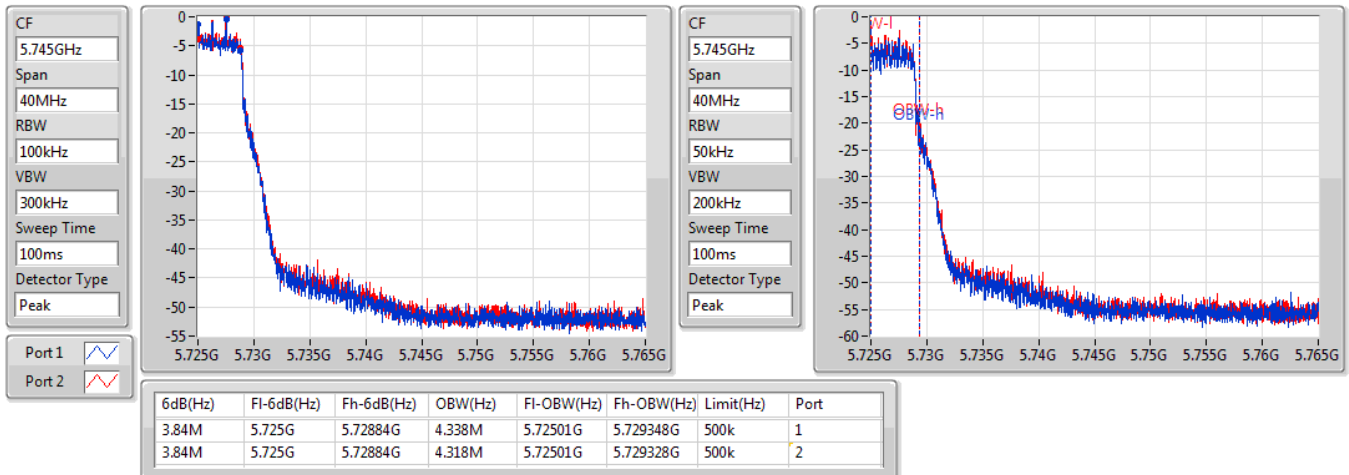


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

23/01/2020


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

23/01/2020

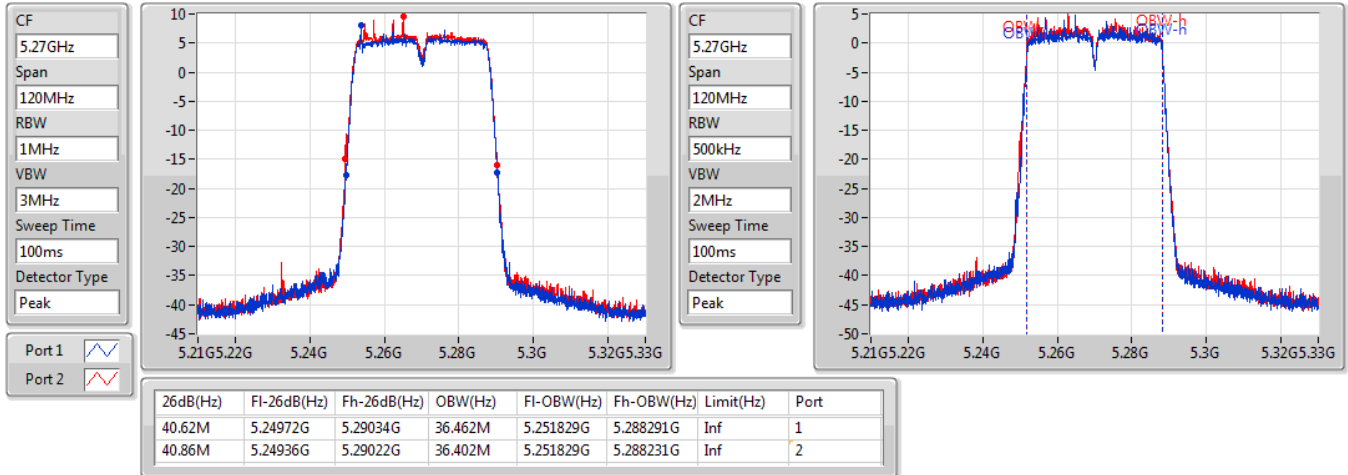


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5270MHz

23/01/2020

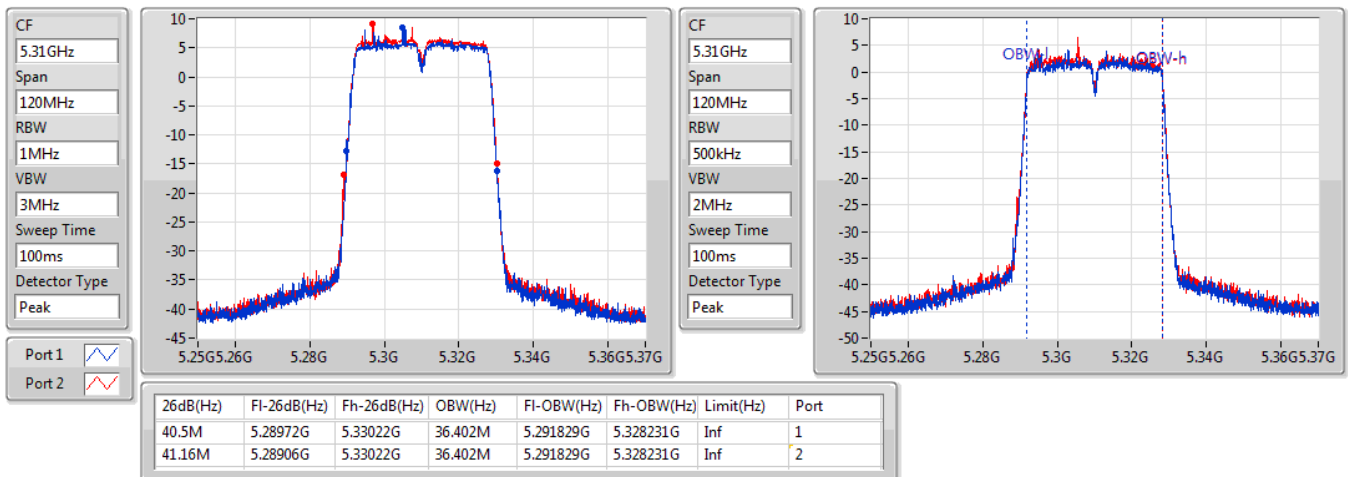


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5310MHz

23/01/2020

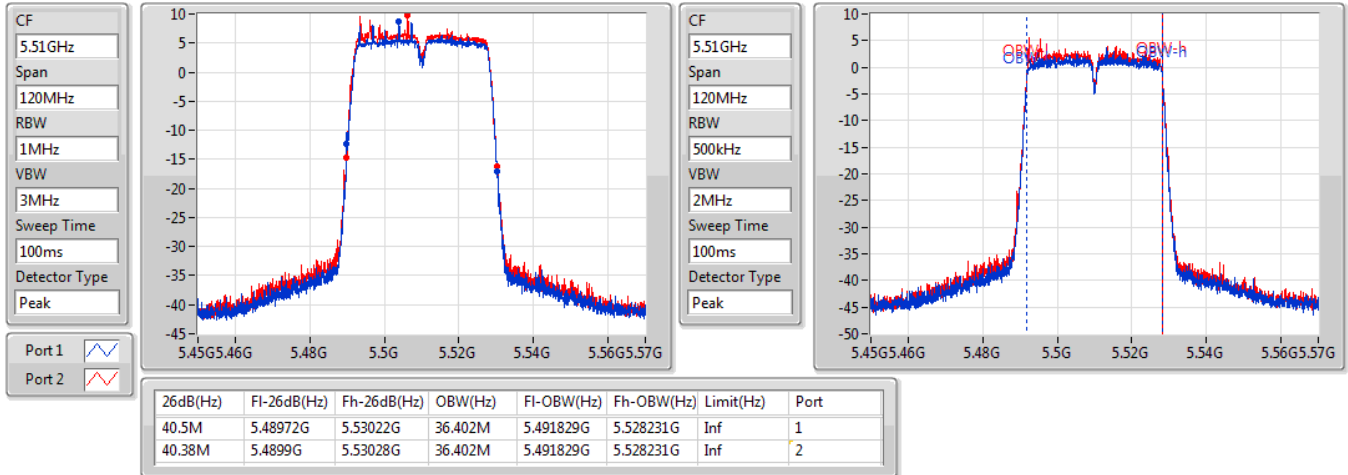


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5510MHz

23/01/2020

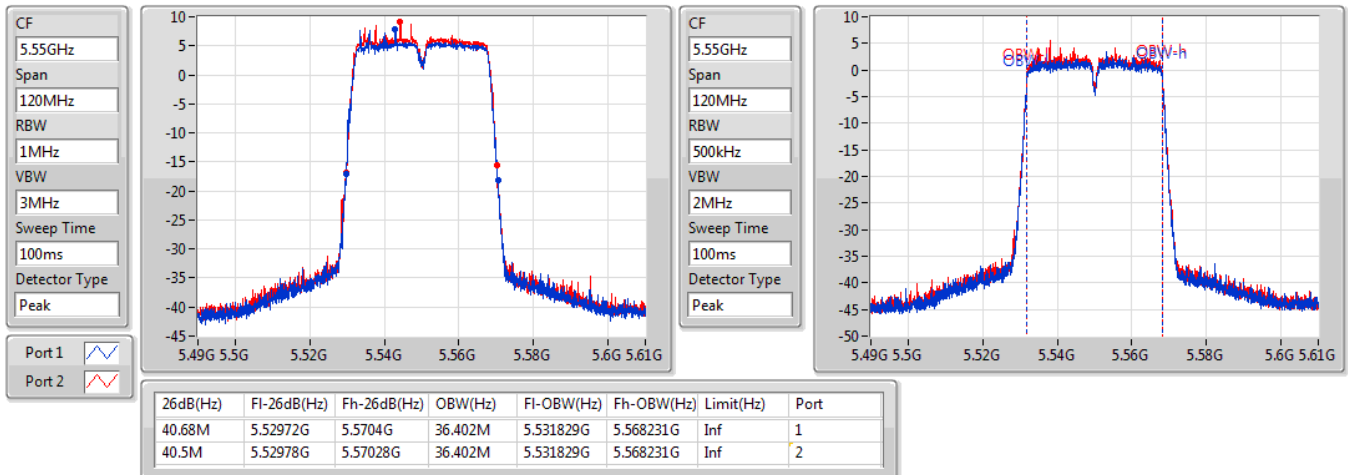


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5550MHz

23/01/2020

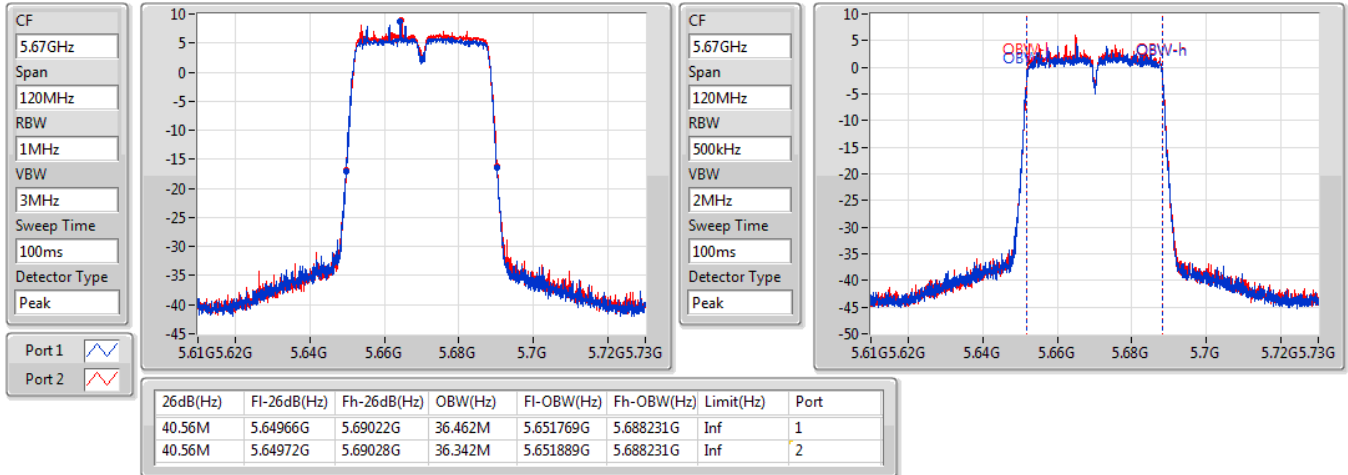


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5670MHz

23/01/2020

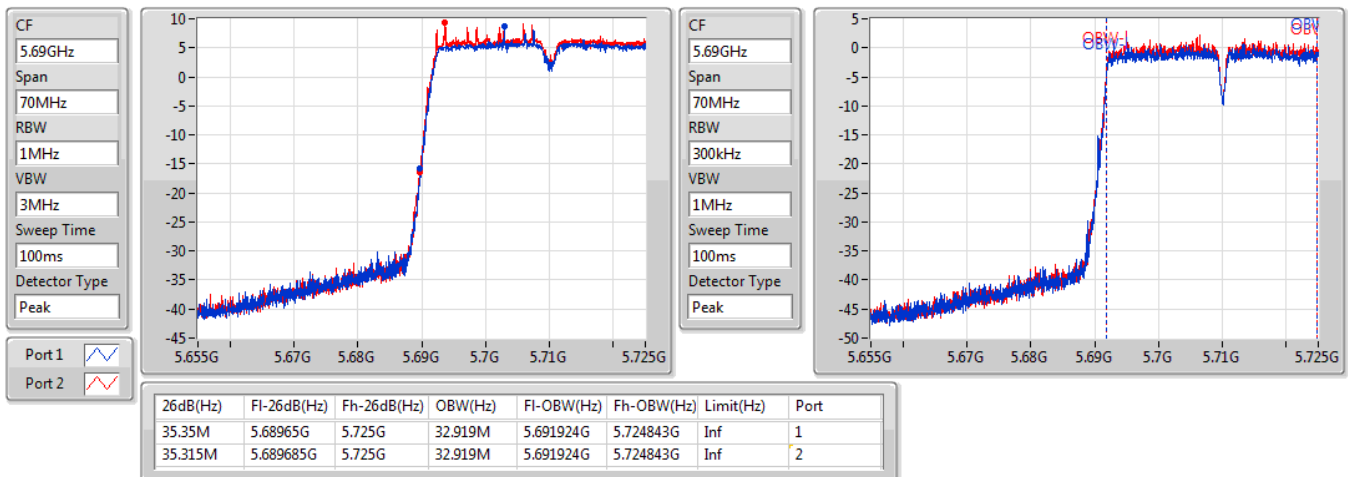


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

23/01/2020

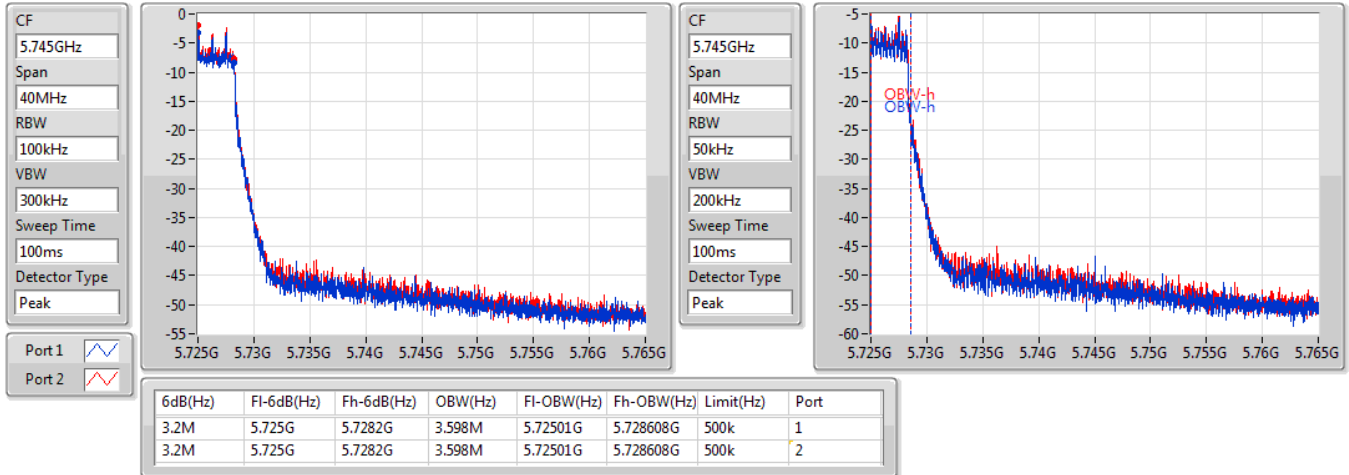


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

23/01/2020

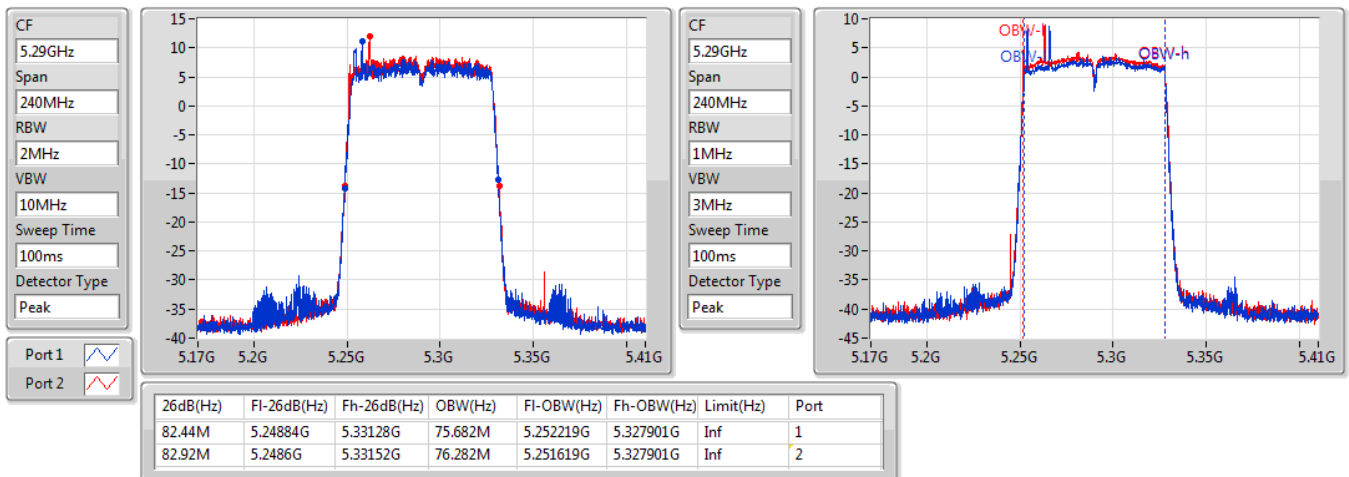


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5290MHz

23/01/2020

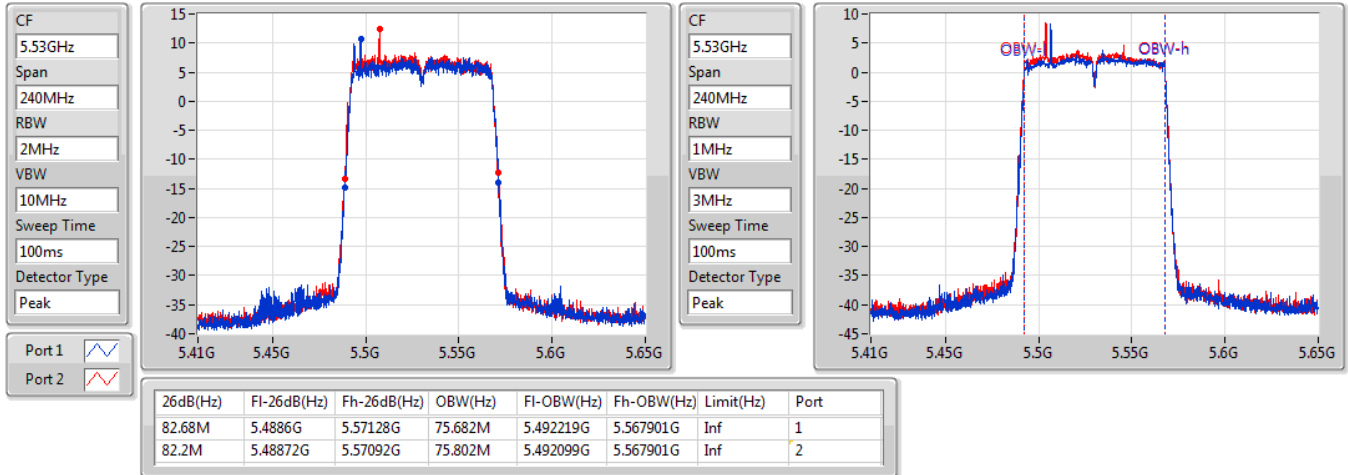


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5530MHz

23/01/2020

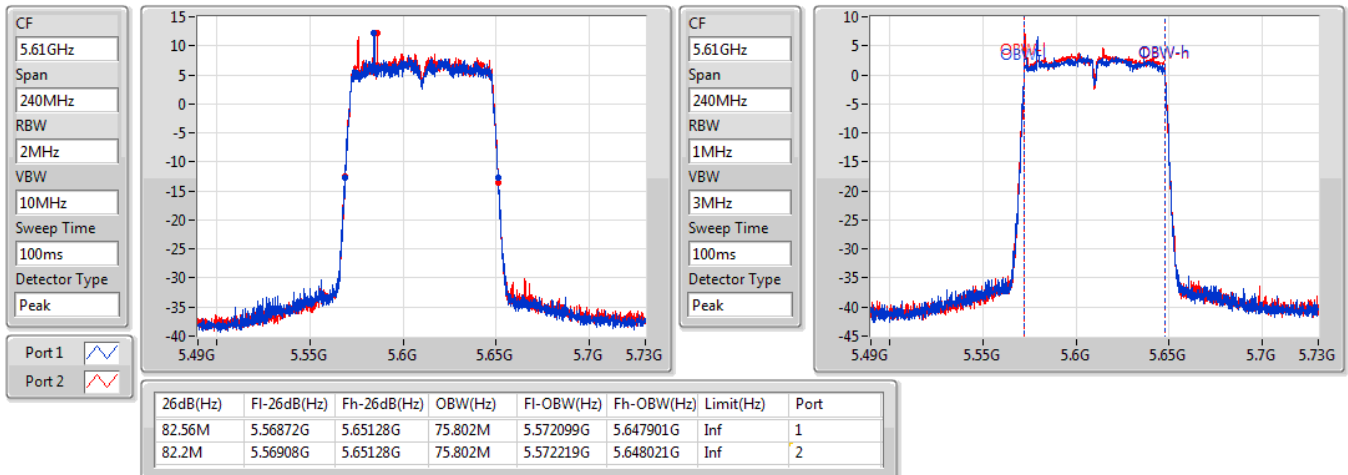


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

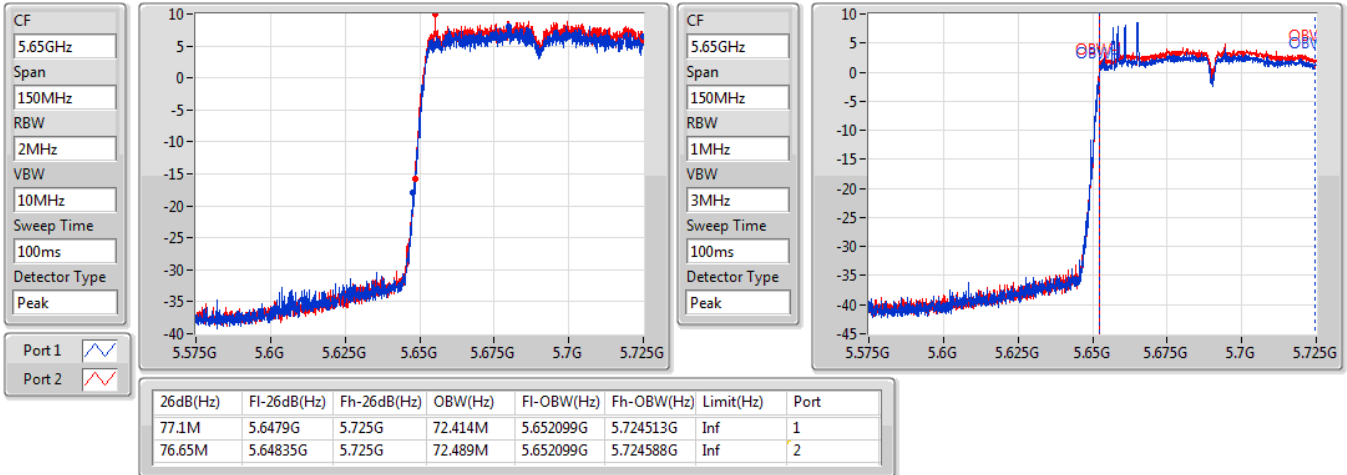
5610MHz

23/01/2020

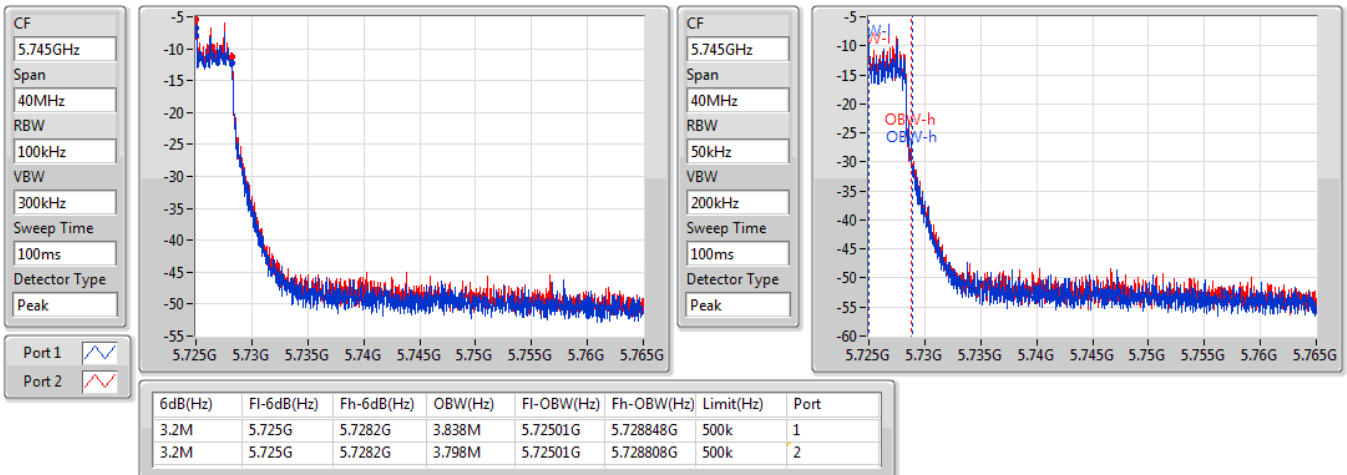


802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

23/01/2020

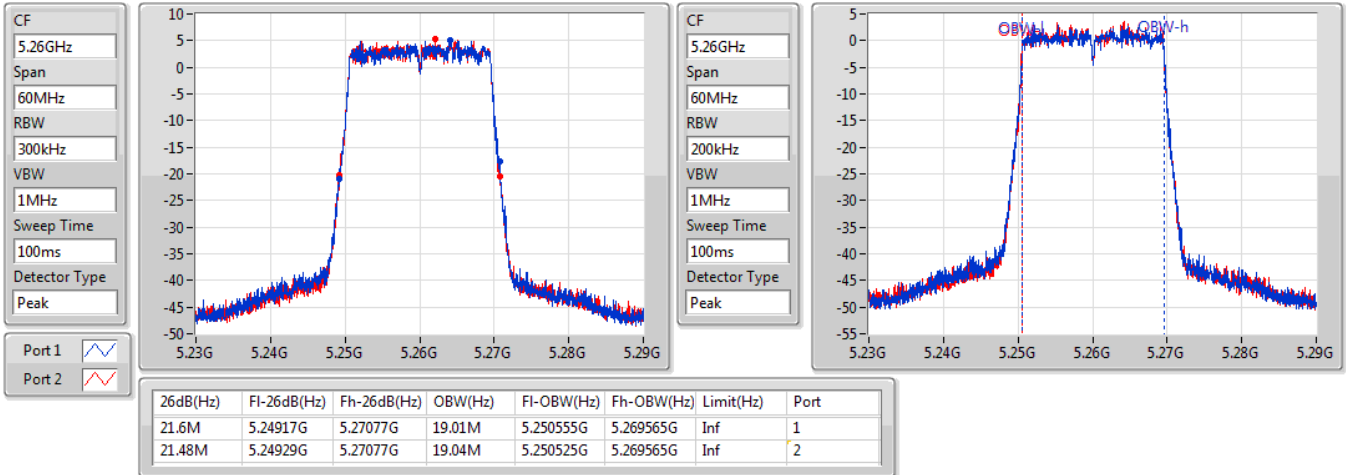

802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

23/01/2020

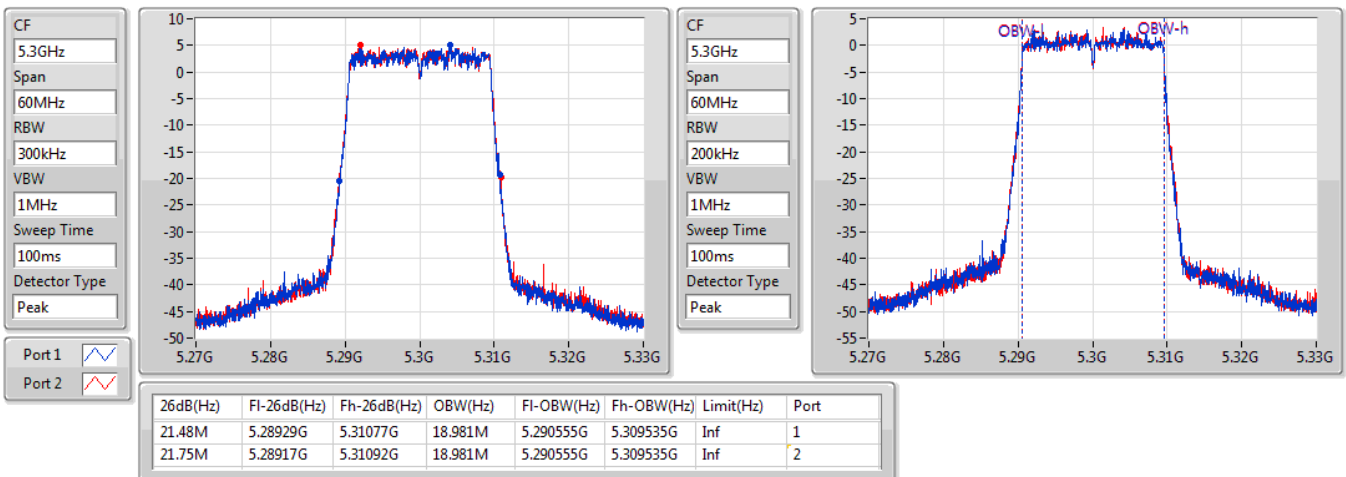


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5260MHz

22/01/2020


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

23/01/2020

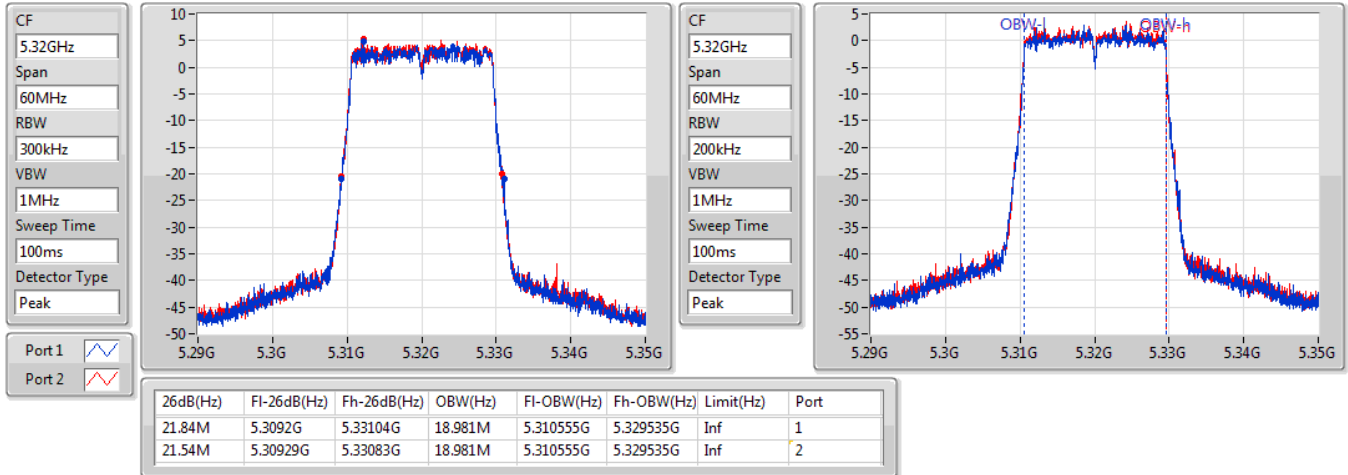


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5320MHz

23/01/2020

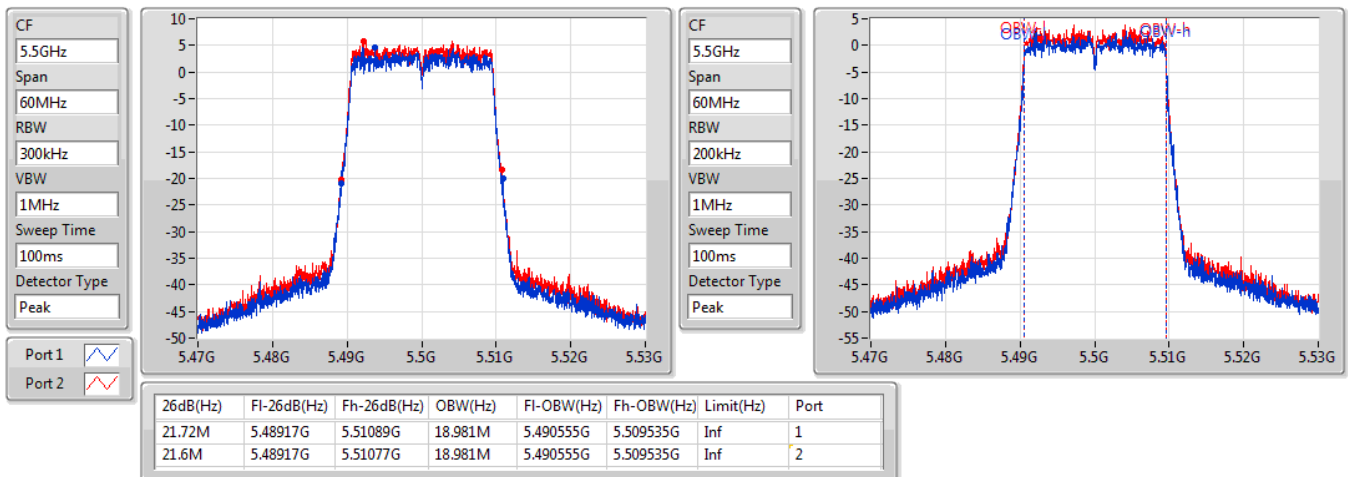


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5500MHz

23/01/2020

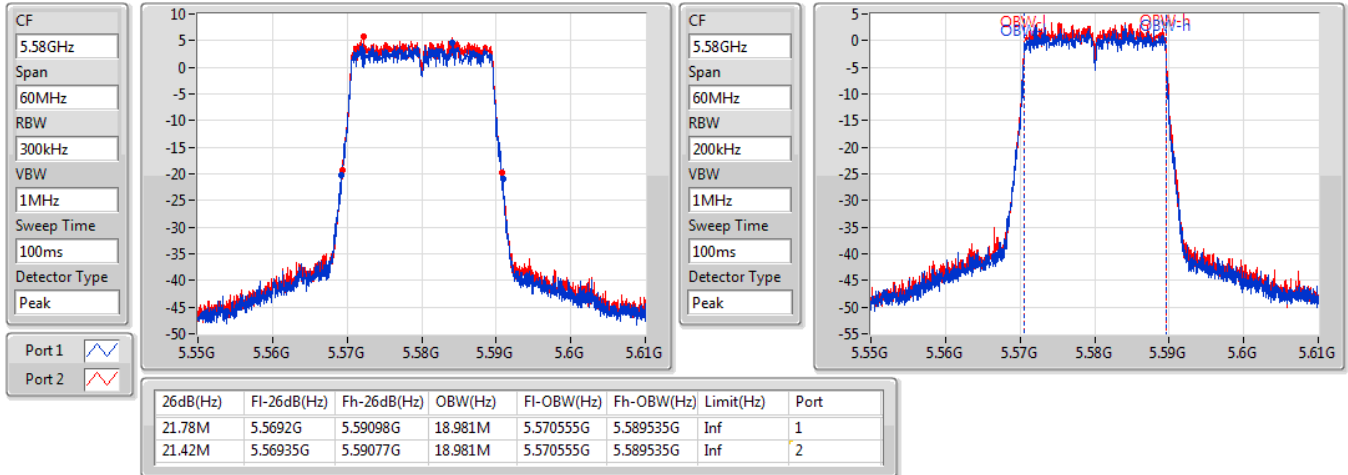


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5580MHz

23/01/2020

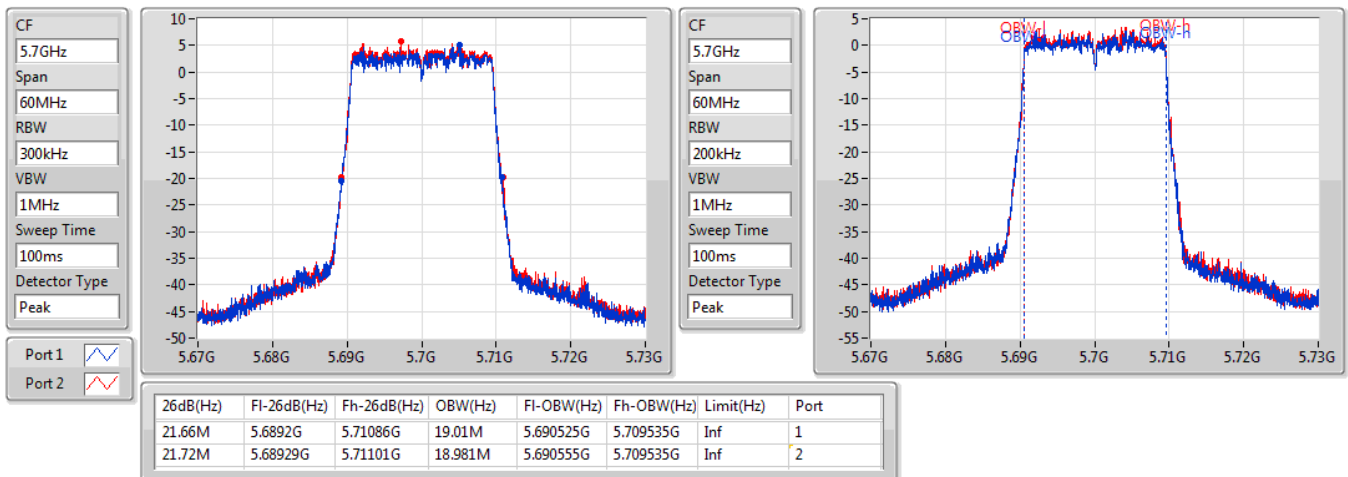


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

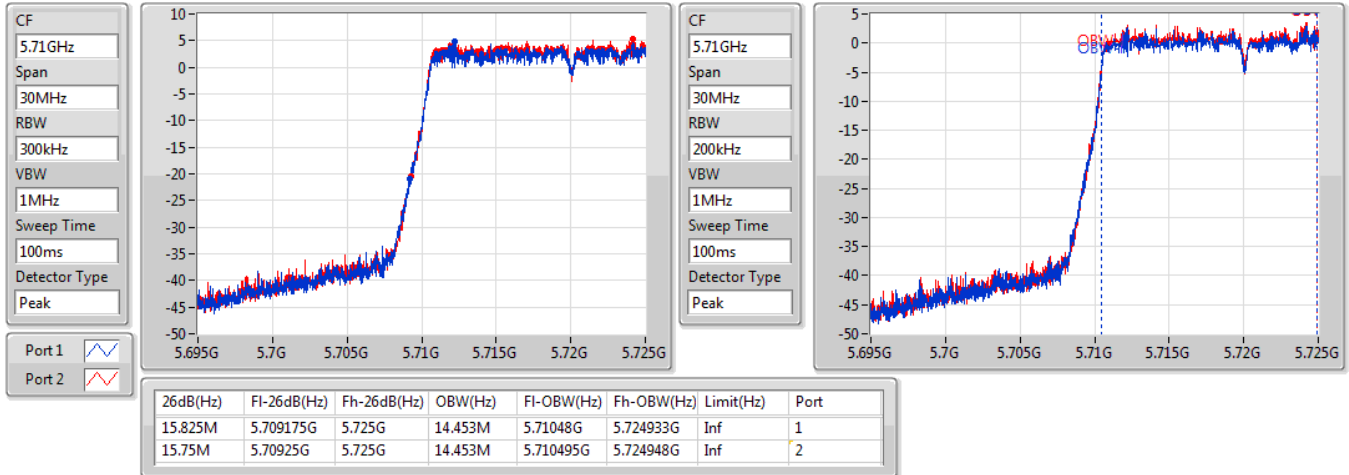
5700MHz

23/01/2020

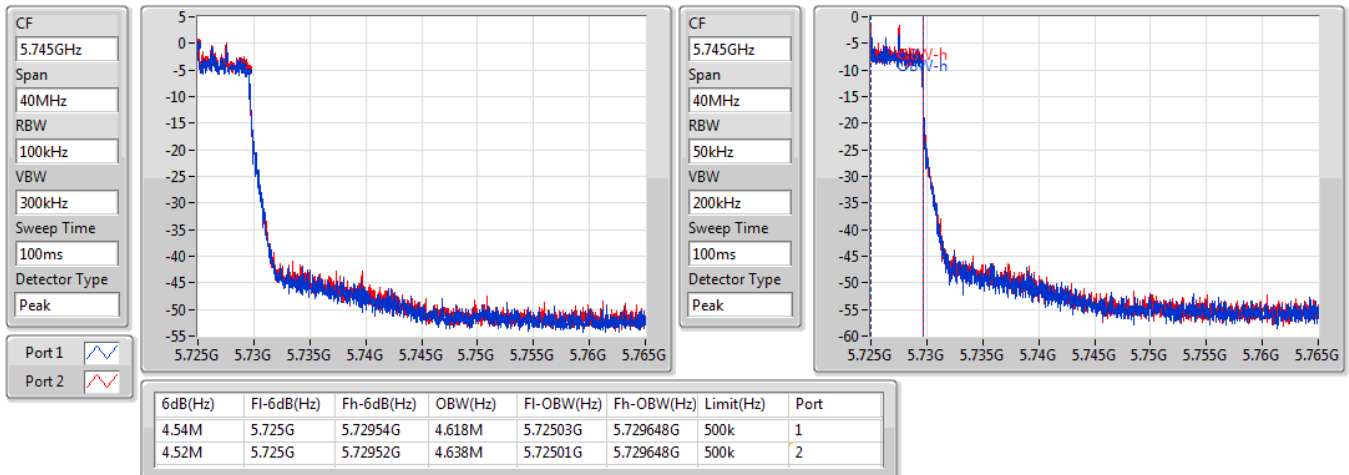


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

23/01/2020


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

23/01/2020

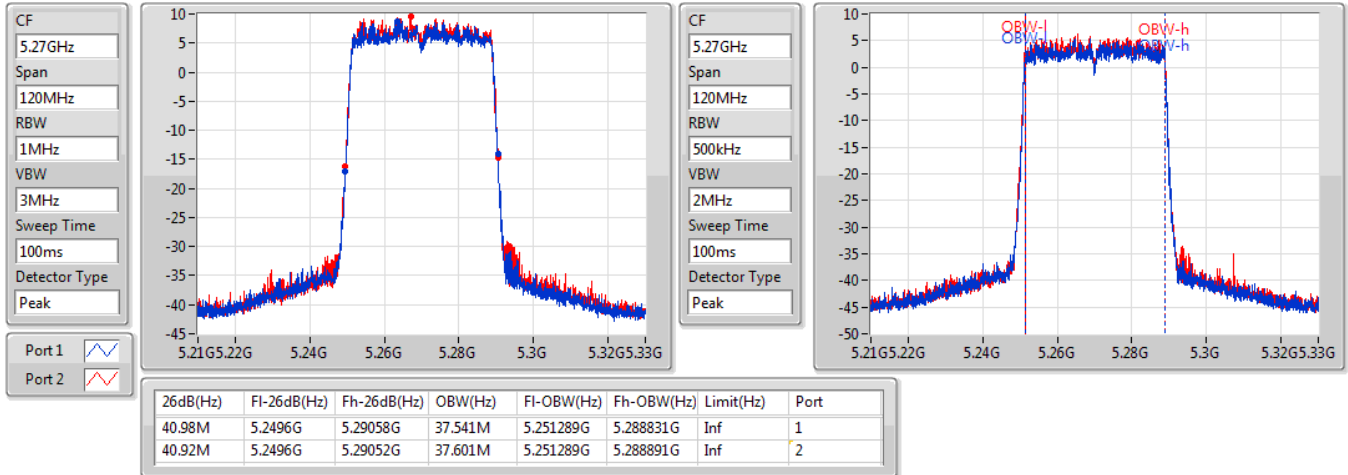


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5270MHz

23/01/2020

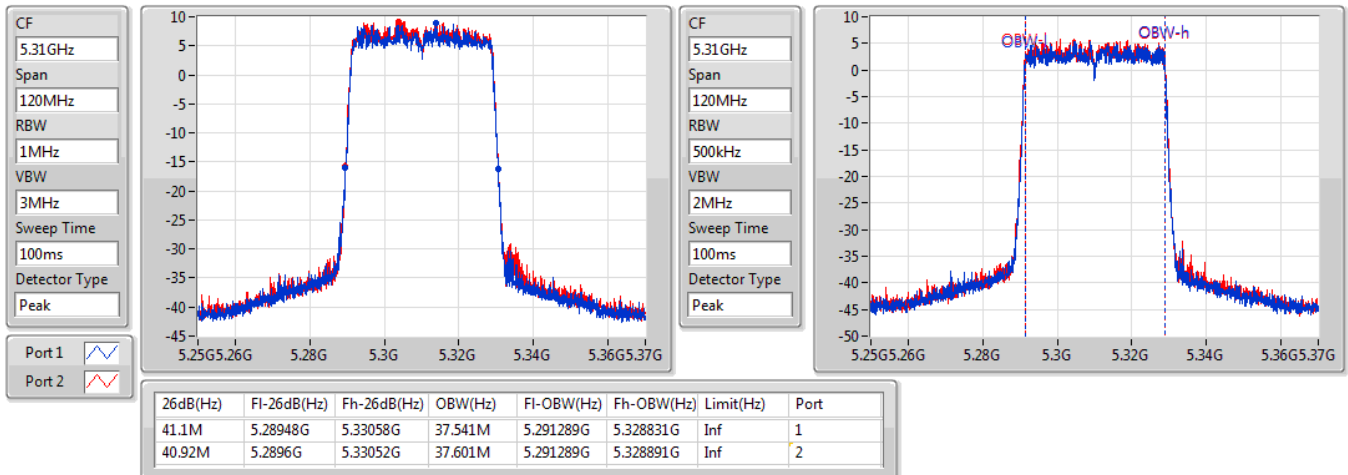


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5310MHz

23/01/2020

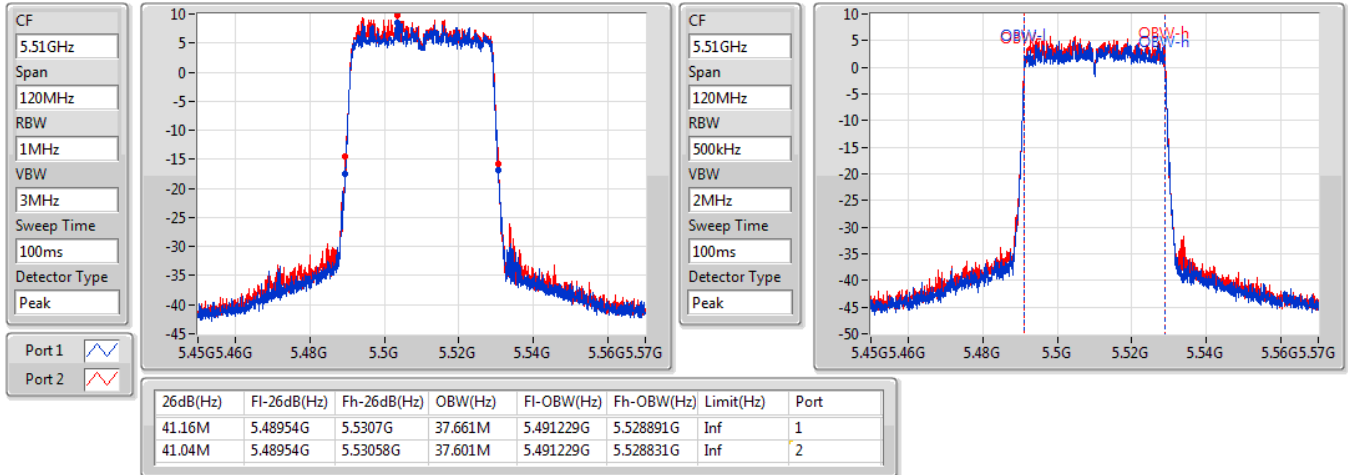


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5510MHz

23/01/2020

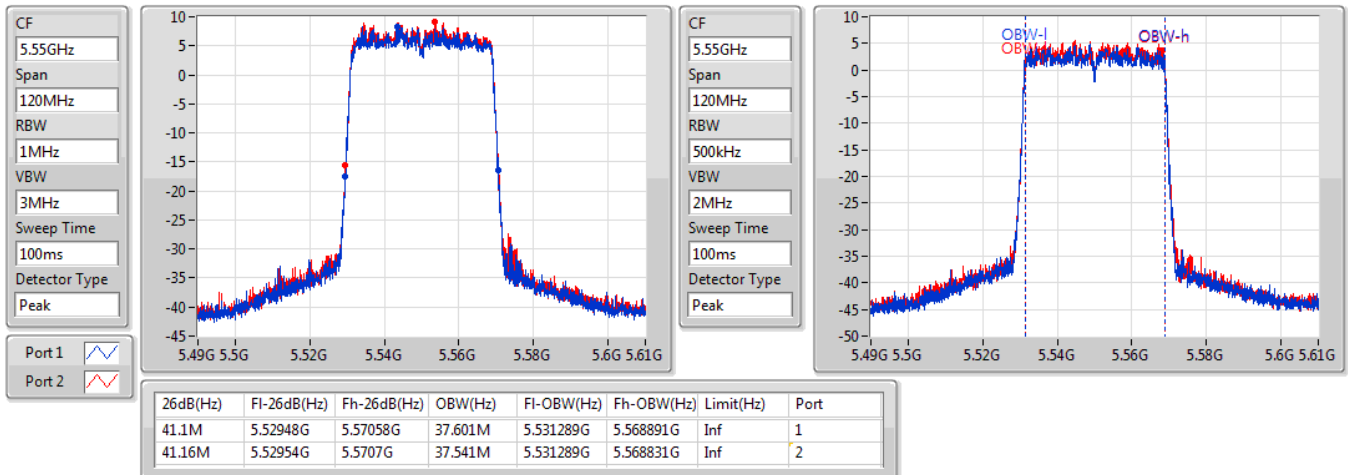


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5550MHz

23/01/2020

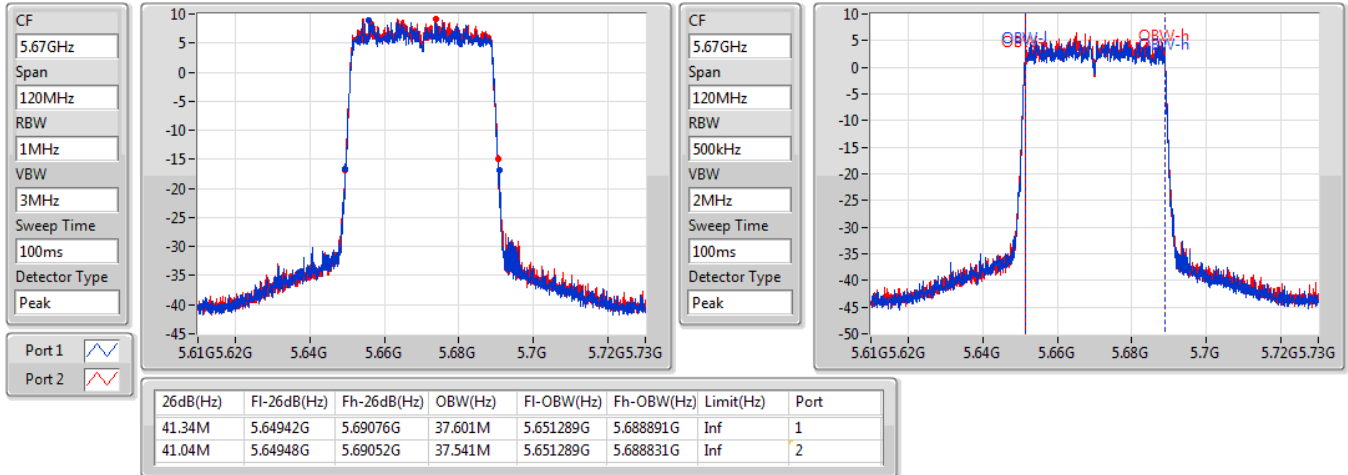


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5670MHz

23/01/2020

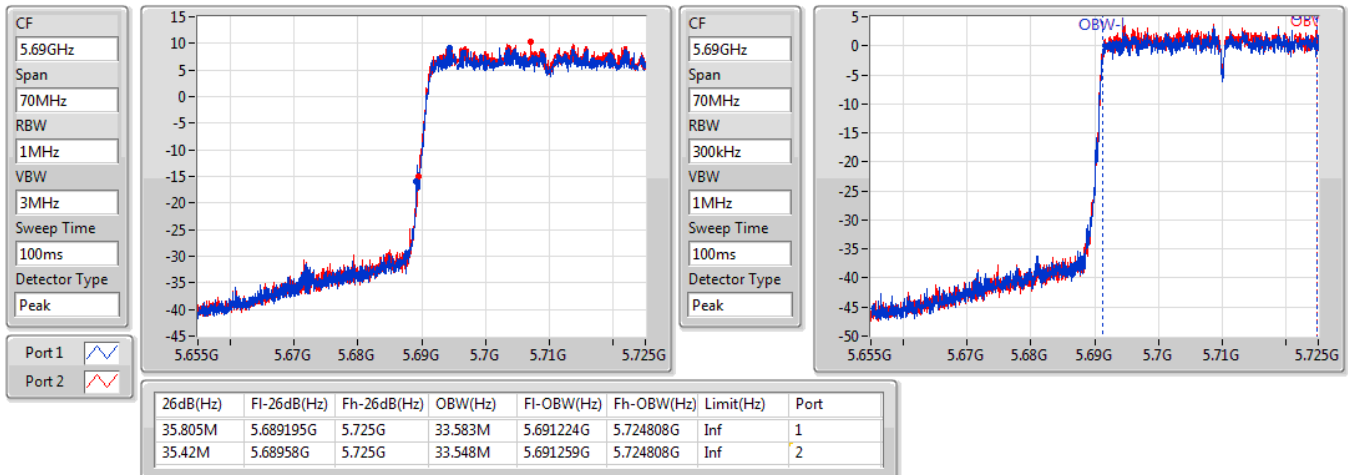


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

23/01/2020

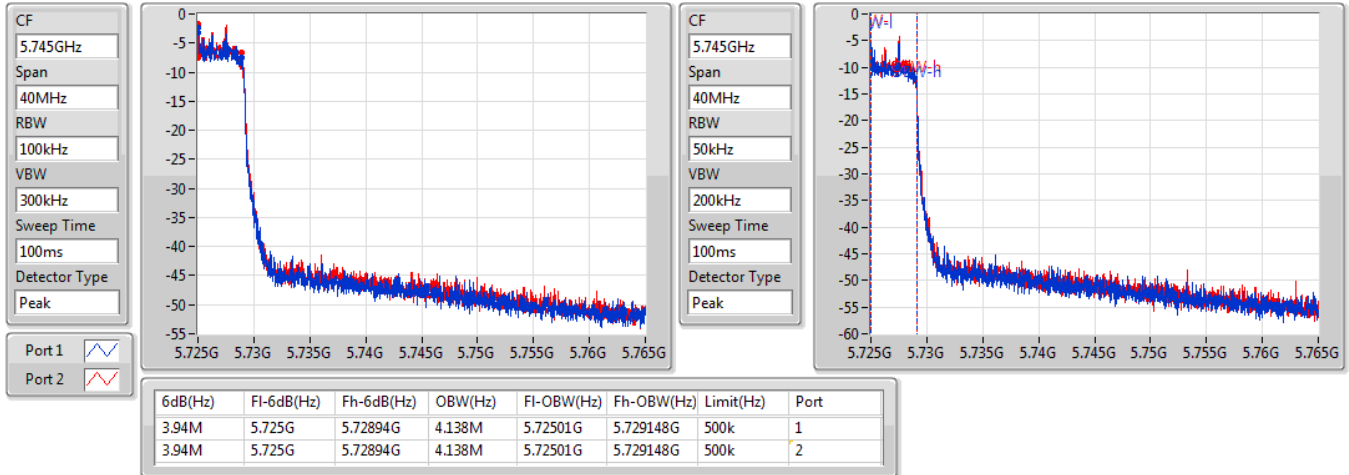


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

23/01/2020

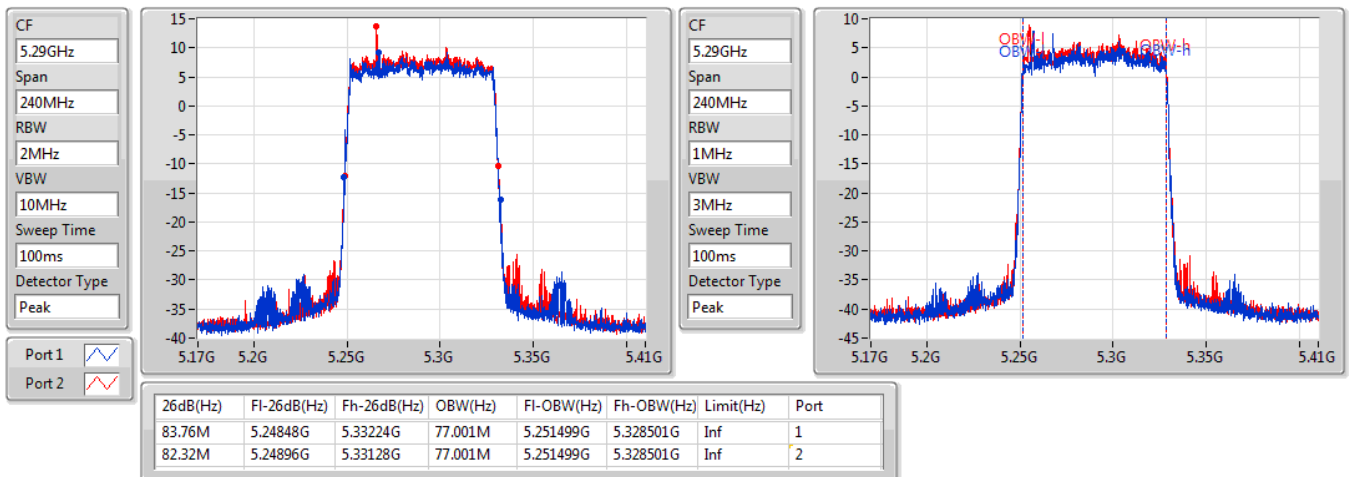


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5290MHz

23/01/2020

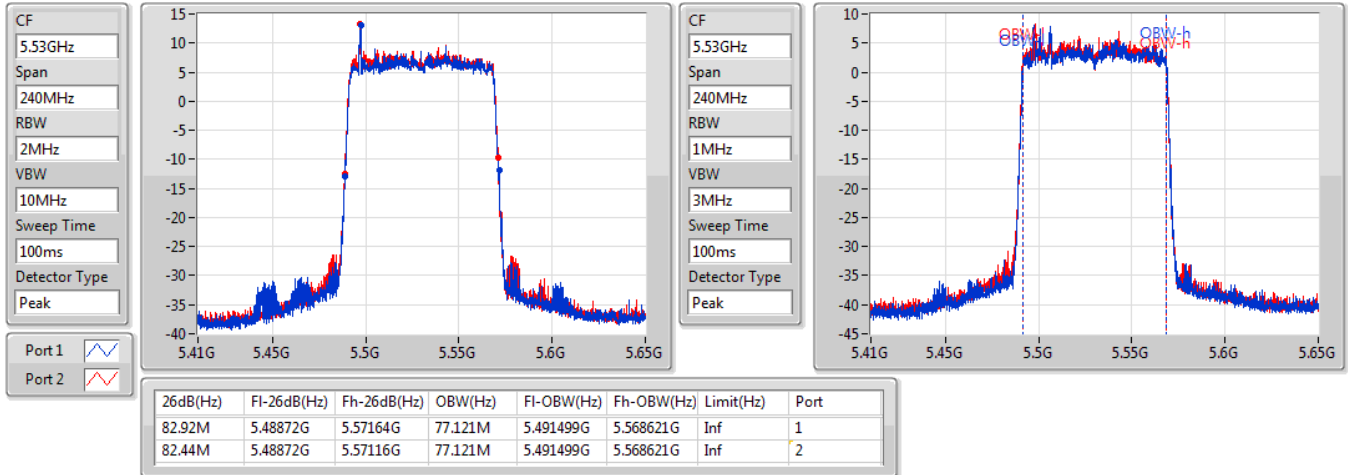


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5530MHz

23/01/2020

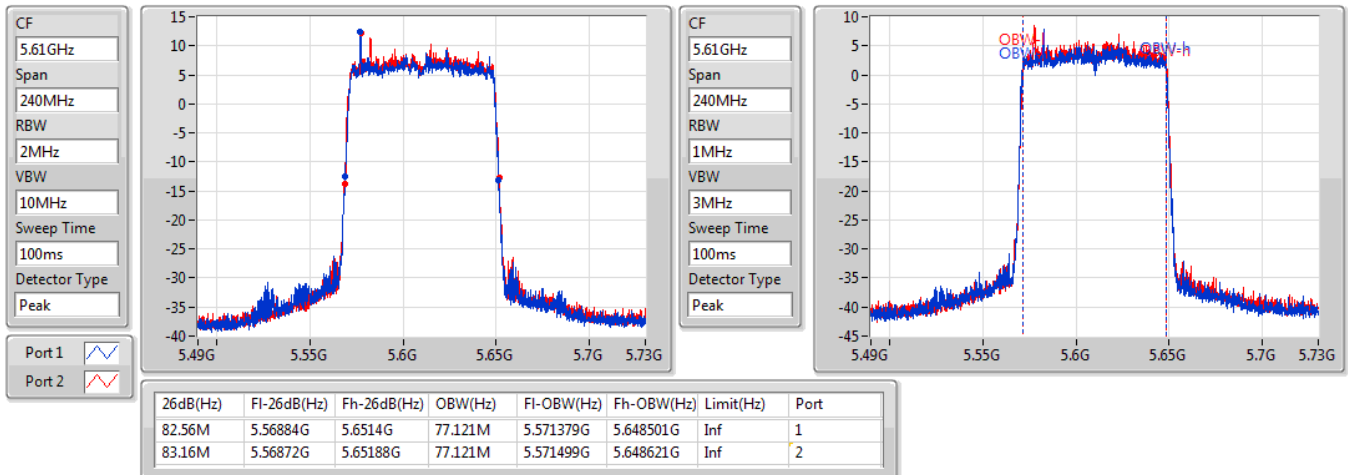


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5610MHz

23/01/2020

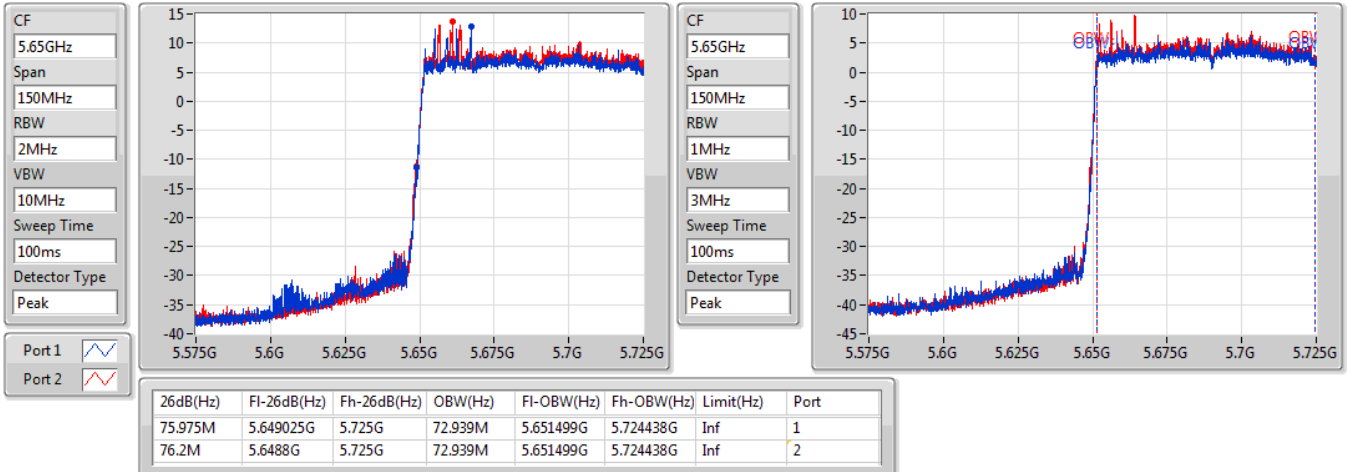


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

23/01/2020

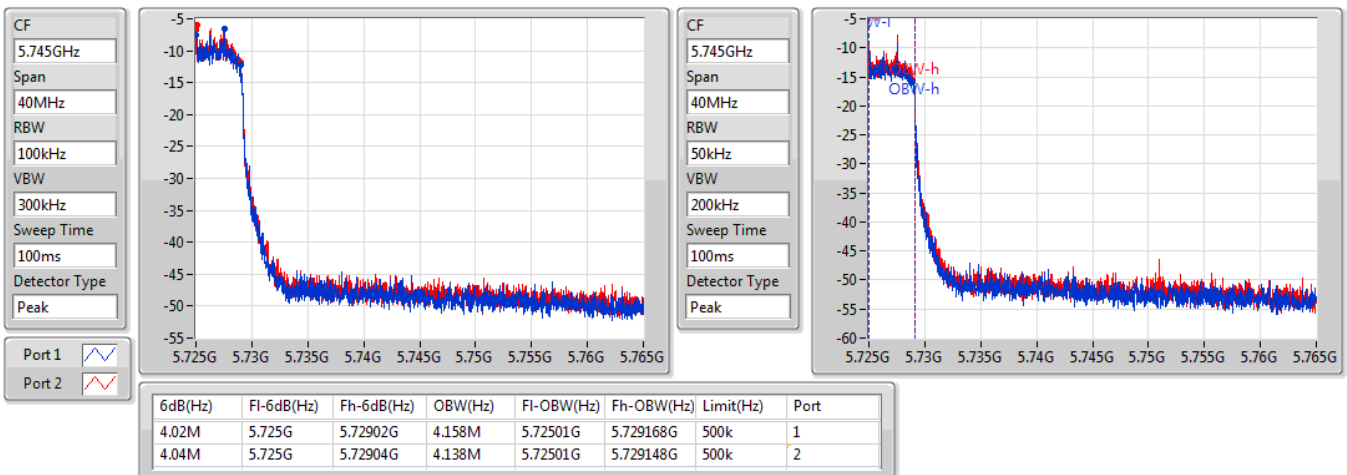


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

23/01/2020



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.62	0.14521	26.79	0.47753
802.11ac VHT20_Nss1,(MCS0)_1TX	21.08	0.12823	26.25	0.42170
802.11ac VHT40_Nss1,(MCS0)_1TX	21.07	0.12794	26.24	0.42073
802.11ac VHT80_Nss1,(MCS0)_1TX	18.58	0.07211	23.75	0.23714
802.11ax HEW20_Nss1,(MCS0)_1TX	21.52	0.14191	26.69	0.46666
802.11ax HEW40_Nss1,(MCS0)_1TX	21.10	0.12882	26.27	0.42364
802.11ax HEW80_Nss1,(MCS0)_1TX	18.78	0.07551	23.95	0.24831
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.45	0.13964	26.62	0.45920
802.11ac VHT20_Nss1,(MCS0)_1TX	21.38	0.13740	26.55	0.45186
802.11ac VHT40_Nss1,(MCS0)_1TX	21.51	0.14158	26.68	0.46559
802.11ac VHT80_Nss1,(MCS0)_1TX	21.32	0.13552	26.49	0.44566
802.11ax HEW20_Nss1,(MCS0)_1TX	21.45	0.13964	26.62	0.45920
802.11ax HEW40_Nss1,(MCS0)_1TX	22.04	0.15996	27.21	0.52602
802.11ax HEW80_Nss1,(MCS0)_1TX	21.76	0.14997	26.93	0.49317
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	14.34	0.02716	19.51	0.08933
802.11ac VHT20_Nss1,(MCS0)_1TX	14.41	0.02761	19.58	0.09078
802.11ac VHT40_Nss1,(MCS0)_1TX	10.47	0.01114	15.64	0.03664
802.11ac VHT80_Nss1,(MCS0)_1TX	7.27	0.00533	12.44	0.01754
802.11ax HEW20_Nss1,(MCS0)_1TX	15.10	0.03236	20.27	0.10641
802.11ax HEW40_Nss1,(MCS0)_1TX	11.76	0.01500	16.93	0.04932
802.11ax HEW80_Nss1,(MCS0)_1TX	8.37	0.00687	13.54	0.02259

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	5.17	21.47	21.47	23.98	26.64	30.00
5300MHz	Pass	5.17	21.62	21.62	23.98	26.79	30.00
5320MHz	Pass	5.17	20.65	20.65	23.98	25.82	30.00
5500MHz	Pass	5.17	20.47	20.47	23.98	25.64	30.00
5580MHz	Pass	5.17	21.45	21.45	23.98	26.62	30.00
5700MHz	Pass	5.17	19.99	19.99	23.98	25.16	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.17	20.40	20.40	23.98	25.57	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.17	14.34	14.34	30.00	19.51	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	5.17	21.08	21.08	23.98	26.25	30.00
5300MHz	Pass	5.17	20.89	20.89	23.98	26.06	30.00
5320MHz	Pass	5.17	20.04	20.04	23.98	25.21	30.00
5500MHz	Pass	5.17	19.23	19.23	23.98	24.40	30.00
5580MHz	Pass	5.17	21.38	21.38	23.98	26.55	30.00
5700MHz	Pass	5.17	18.71	18.71	23.98	23.88	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.17	19.99	19.99	23.98	25.16	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.17	14.41	14.41	30.00	19.58	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	5.17	21.07	21.07	23.98	26.24	30.00
5310MHz	Pass	5.17	18.80	18.80	23.98	23.97	30.00
5510MHz	Pass	5.17	17.44	17.44	23.98	22.61	30.00
5550MHz	Pass	5.17	20.51	20.51	23.98	25.68	30.00
5670MHz	Pass	5.17	21.51	21.51	23.98	26.68	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.17	20.72	20.72	23.98	25.89	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.17	10.47	10.47	30.00	15.64	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	5.17	18.58	18.58	23.98	23.75	30.00
5530MHz	Pass	5.17	18.24	18.24	23.98	23.41	30.00
5610MHz	Pass	5.17	21.11	21.11	23.98	26.28	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.17	21.32	21.32	23.98	26.49	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.17	7.27	7.27	30.00	12.44	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	5.17	21.44	21.44	23.98	26.61	30.00
5300MHz	Pass	5.17	21.52	21.52	23.98	26.69	30.00
5320MHz	Pass	5.17	20.22	20.22	23.98	25.39	30.00
5500MHz	Pass	5.17	19.49	19.49	23.98	24.66	30.00
5580MHz	Pass	5.17	21.45	21.45	23.98	26.62	30.00
5700MHz	Pass	5.17	19.02	19.02	23.98	24.19	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.17	20.23	20.23	23.98	25.40	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.17	15.10	15.10	30.00	20.27	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	5.17	21.10	21.10	23.98	26.27	30.00
5310MHz	Pass	5.17	19.01	19.01	23.98	24.18	30.00

**Average Power_Non-Beamforming_Sample 1_Radio 1_1T1S****Appendix B.1**

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5510MHz	Pass	5.17	17.83	17.83	23.98	23.00	30.00
5550MHz	Pass	5.17	21.34	21.34	23.98	26.51	30.00
5670MHz	Pass	5.17	22.04	22.04	23.98	27.21	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.17	21.43	21.43	23.98	26.60	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.17	11.76	11.76	30.00	16.93	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	5.17	18.78	18.78	23.98	23.95	30.00
5530MHz	Pass	5.17	18.36	18.36	23.98	23.53	30.00
5610MHz	Pass	5.17	21.38	21.38	23.98	26.55	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.17	21.76	21.76	23.98	26.93	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.17	8.37	8.37	30.00	13.54	36.00

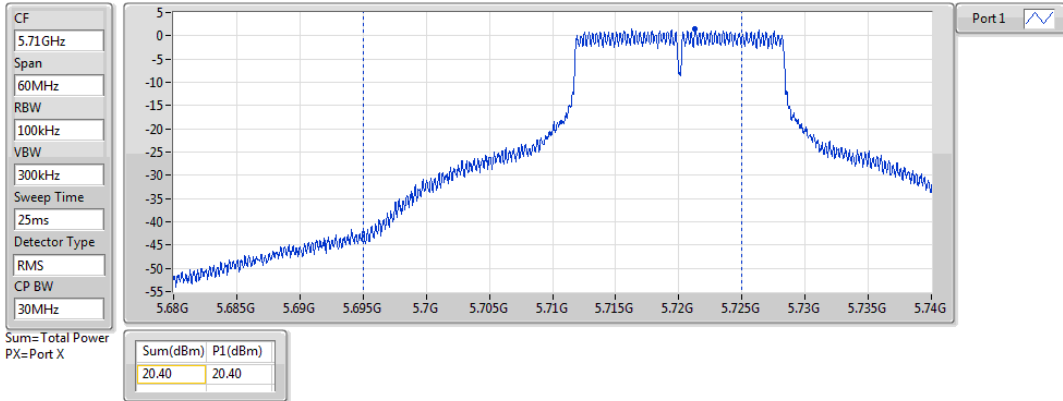
DG = Directional Gain; **Port X** = Port X output power

802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

06/01/2020

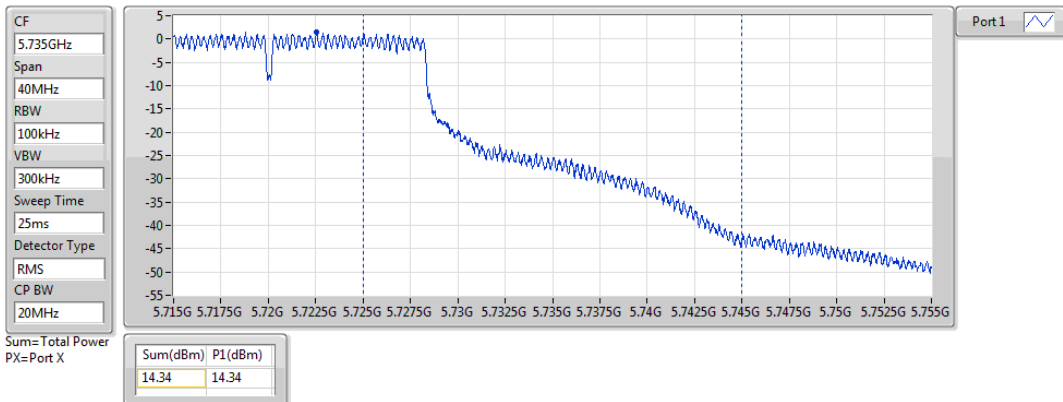


802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

06/01/2020

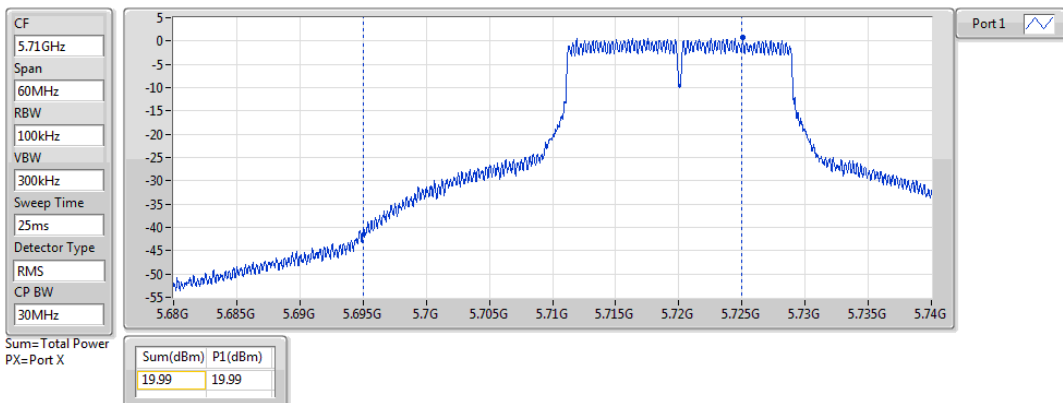


802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

06/01/2020

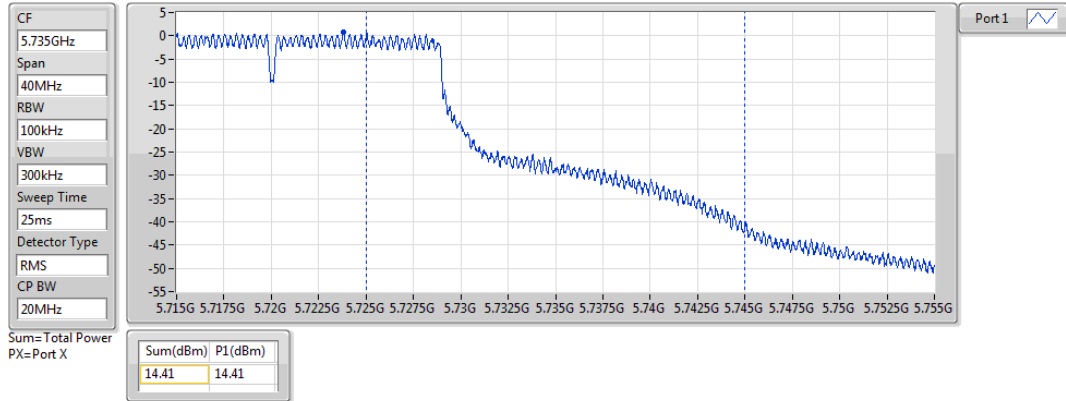


802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

06/01/2020

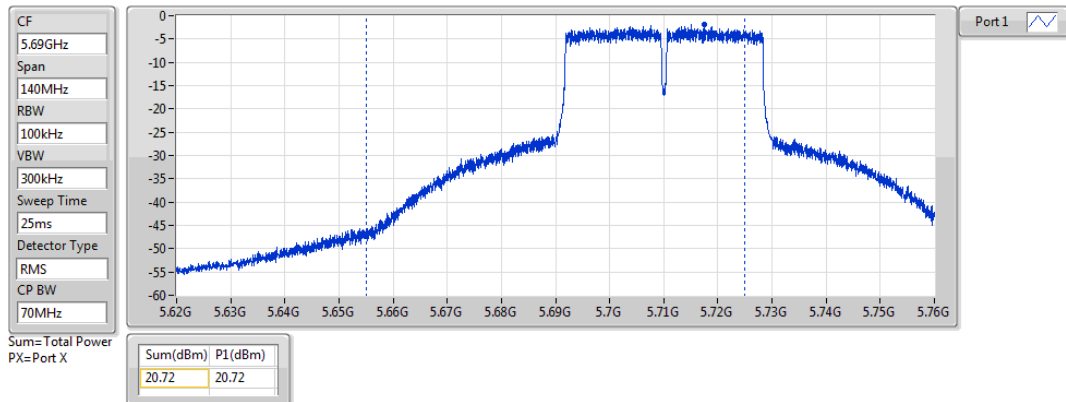


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

06/01/2020

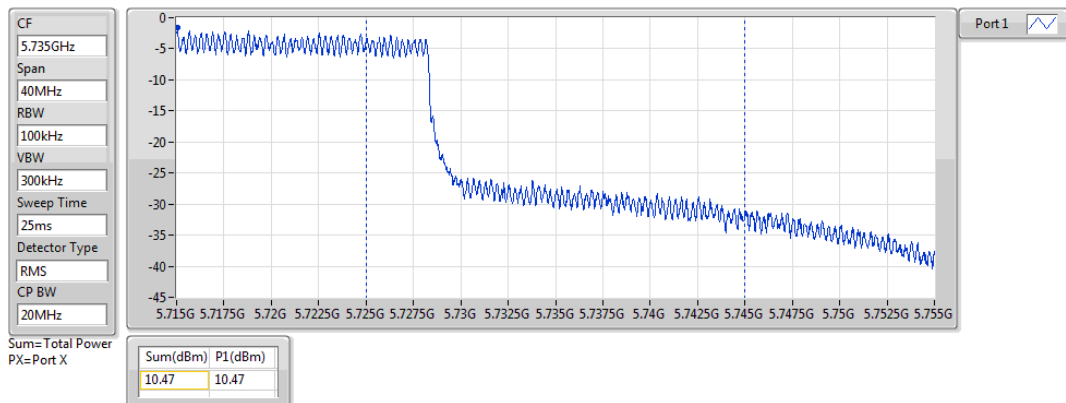


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

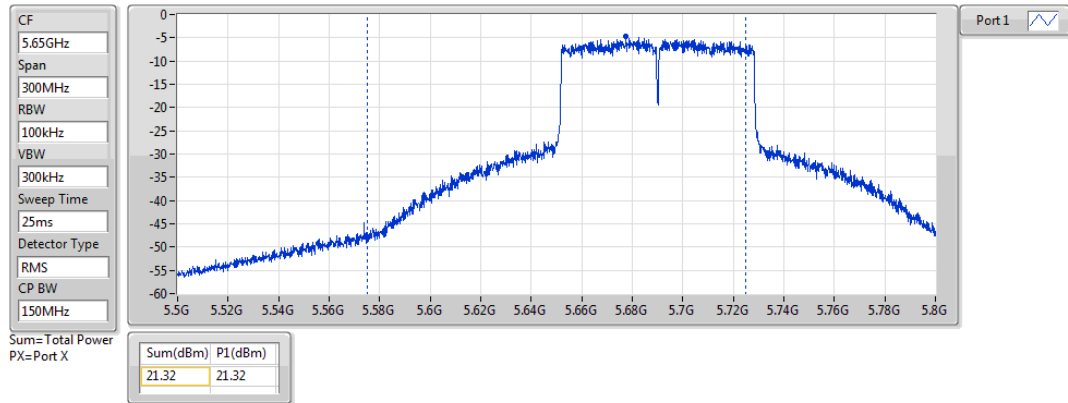
06/01/2020



802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

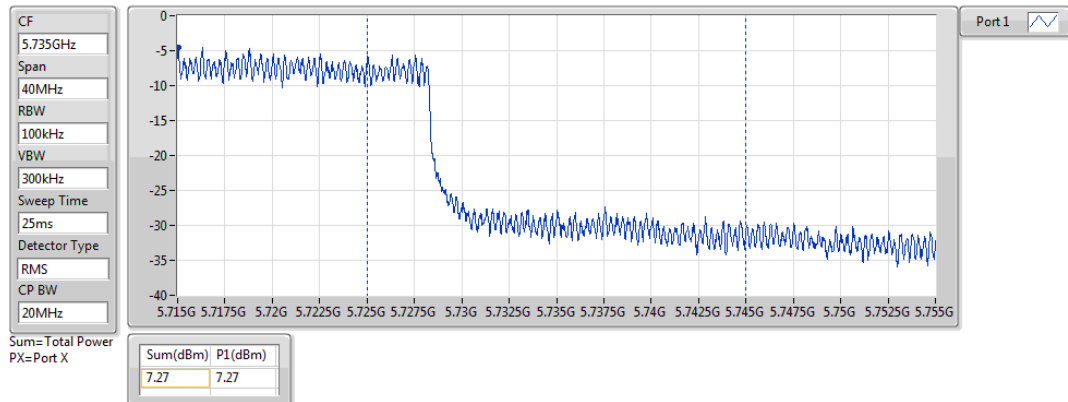
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

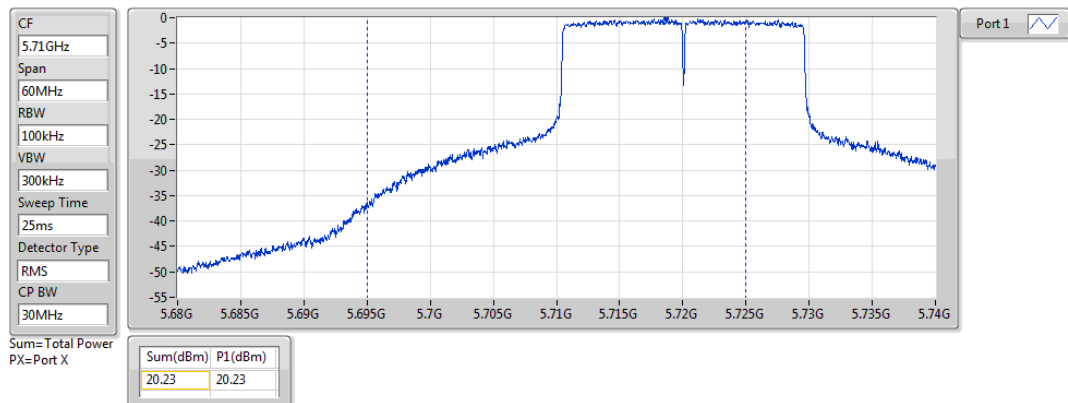
5690MHz Straddle 5.725-5.85GHz



802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

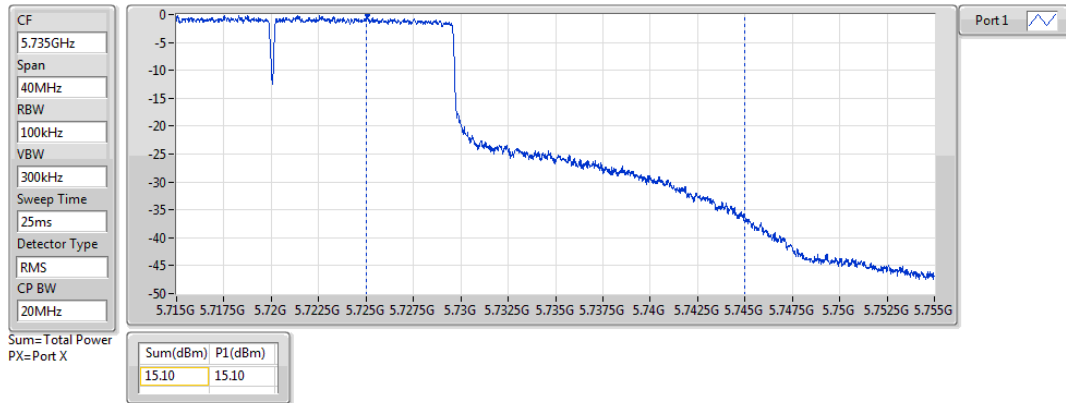
5720MHz Straddle 5.47-5.725GHz



802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

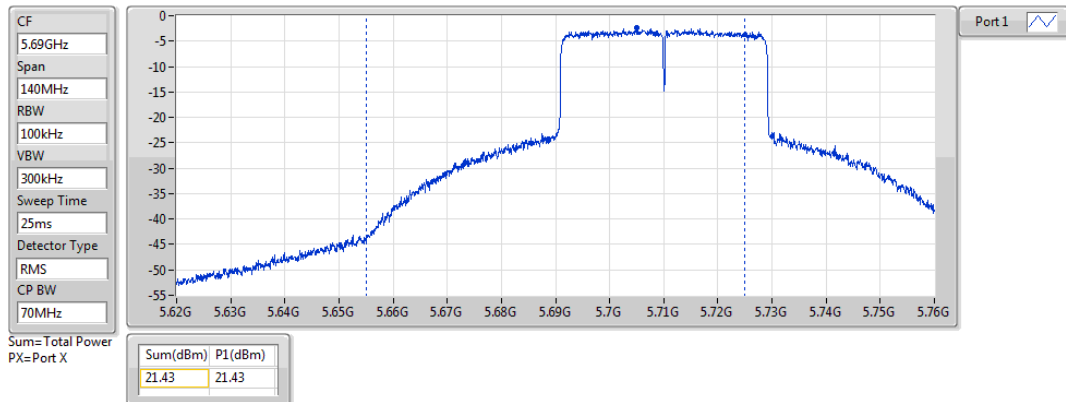
5720MHz Straddle 5.725-5.85GHz



802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

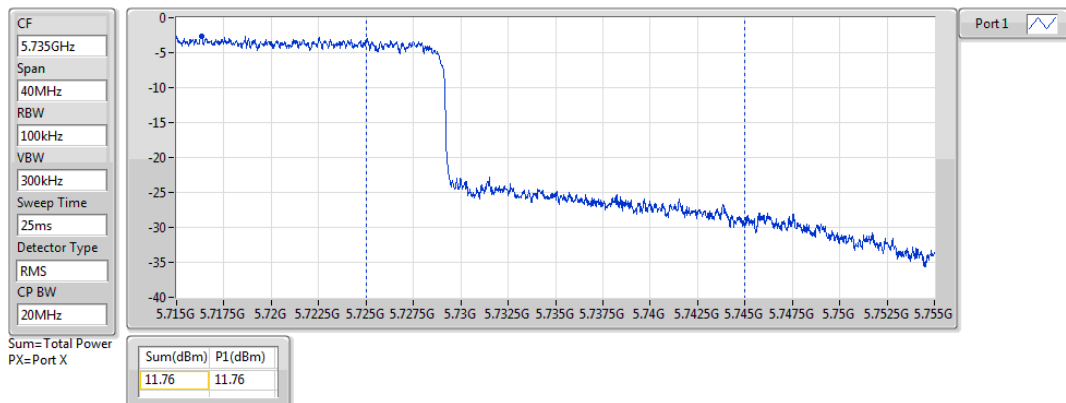
5710MHz Straddle 5.47-5.725GHz



802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

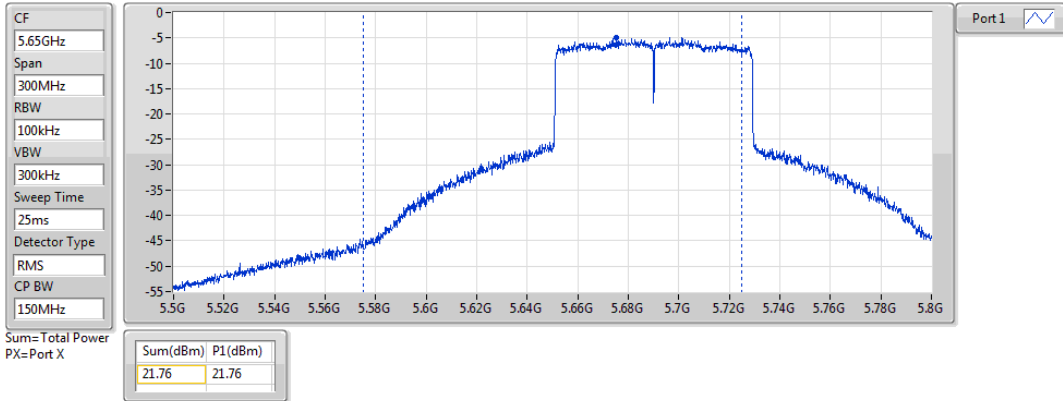


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz

06/01/2020

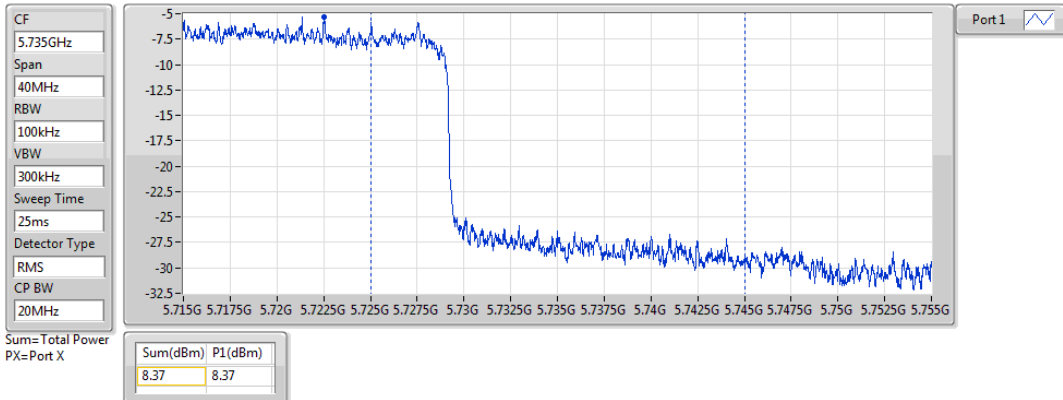


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

06/01/2020



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.10	0.16218	27.27	0.53333
802.11ac VHT20_Nss2,(MCS0)_2TX	23.69	0.23388	28.81	0.76033
802.11ac VHT40_Nss2,(MCS0)_2TX	23.65	0.23174	28.77	0.75336
802.11ac VHT80_Nss2,(MCS0)_2TX	20.89	0.12274	26.01	0.39902
802.11ax HEW20_Nss2,(MCS0)_2TX	23.94	0.24774	29.06	0.80538
802.11ax HEW40_Nss2,(MCS0)_2TX	23.81	0.24044	28.93	0.78163
802.11ax HEW80_Nss2,(MCS0)_2TX	21.08	0.12823	26.20	0.41687
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.07	0.16106	27.24	0.52966
802.11ac VHT20_Nss2,(MCS0)_2TX	23.75	0.23714	28.87	0.77090
802.11ac VHT40_Nss2,(MCS0)_2TX	23.45	0.22131	28.57	0.71945
802.11ac VHT80_Nss2,(MCS0)_2TX	23.67	0.23281	28.79	0.75683
802.11ax HEW20_Nss2,(MCS0)_2TX	23.84	0.24210	28.96	0.78705
802.11ax HEW40_Nss2,(MCS0)_2TX	23.65	0.23174	28.77	0.75336
802.11ax HEW80_Nss2,(MCS0)_2TX	23.90	0.24547	29.02	0.79799
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	14.59	0.02877	19.76	0.09462
802.11ac VHT20_Nss2,(MCS0)_2TX	17.04	0.05058	22.16	0.16444
802.11ac VHT40_Nss2,(MCS0)_2TX	13.20	0.02089	18.32	0.06792
802.11ac VHT80_Nss2,(MCS0)_2TX	9.75	0.00944	14.87	0.03069
802.11ax HEW20_Nss2,(MCS0)_2TX	17.66	0.05834	22.78	0.18967
802.11ax HEW40_Nss2,(MCS0)_2TX	14.01	0.02518	19.13	0.08185
802.11ax HEW80_Nss2,(MCS0)_2TX	10.52	0.01127	15.64	0.03664

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.17	18.85	19.10	21.99	23.98	27.16	30.00
5300MHz	Pass	5.17	18.88	19.29	22.10	23.98	27.27	30.00
5320MHz	Pass	5.17	18.96	19.17	22.08	23.98	27.25	30.00
5500MHz	Pass	5.17	19.07	19.05	22.07	23.98	27.24	30.00
5580MHz	Pass	5.17	18.80	18.75	21.79	23.98	26.96	30.00
5700MHz	Pass	5.17	19.00	18.92	21.97	23.98	27.14	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.17	17.74	17.56	20.66	22.96	25.83	28.96
5720MHz Straddle 5.725-5.85GHz	Pass	5.17	11.63	11.52	14.59	30.00	19.76	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.12	20.63	20.73	23.69	23.98	28.81	30.00
5300MHz	Pass	5.12	20.62	20.73	23.69	23.98	28.81	30.00
5320MHz	Pass	5.12	19.78	20.15	22.98	23.98	28.10	30.00
5500MHz	Pass	5.12	20.26	20.11	23.20	23.98	28.32	30.00
5580MHz	Pass	5.12	20.83	20.64	23.75	23.98	28.87	30.00
5700MHz	Pass	5.12	18.38	18.17	21.29	23.98	26.41	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.12	19.69	19.39	22.55	23.98	27.67	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.12	14.05	14.01	17.04	30.00	22.16	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.12	20.70	20.58	23.65	23.98	28.77	30.00
5310MHz	Pass	5.12	18.17	18.22	21.21	23.98	26.33	30.00
5510MHz	Pass	5.12	15.96	16.03	19.01	23.98	24.13	30.00
5550MHz	Pass	5.12	19.84	20.29	23.08	23.98	28.20	30.00
5670MHz	Pass	5.12	20.75	20.10	23.45	23.98	28.57	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.12	20.64	20.07	23.37	23.98	28.49	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.12	10.43	9.94	13.20	30.00	18.32	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.12	17.76	18.00	20.89	23.98	26.01	30.00
5530MHz	Pass	5.12	17.42	17.96	20.71	23.98	25.83	30.00
5610MHz	Pass	5.12	20.38	20.73	23.57	23.98	28.69	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.12	20.61	20.70	23.67	23.98	28.79	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.12	6.45	7.02	9.75	30.00	14.87	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.12	20.89	20.96	23.94	23.98	29.06	30.00
5300MHz	Pass	5.12	20.81	21.01	23.92	23.98	29.04	30.00
5320MHz	Pass	5.12	20.21	20.46	23.35	23.98	28.47	30.00
5500MHz	Pass	5.12	20.52	20.15	23.35	23.98	28.47	30.00
5580MHz	Pass	5.12	20.85	20.80	23.84	23.98	28.96	30.00
5700MHz	Pass	5.12	18.48	18.46	21.48	23.98	26.60	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.12	19.89	19.71	22.81	23.98	27.93	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.12	14.71	14.59	17.66	30.00	22.78	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.12	20.89	20.71	23.81	23.98	28.93	30.00
5310MHz	Pass	5.12	18.52	18.44	21.49	23.98	26.61	30.00



Average Power_Non-Beamforming_Sample 1_Radio 1_2T2S

Appendix B.2

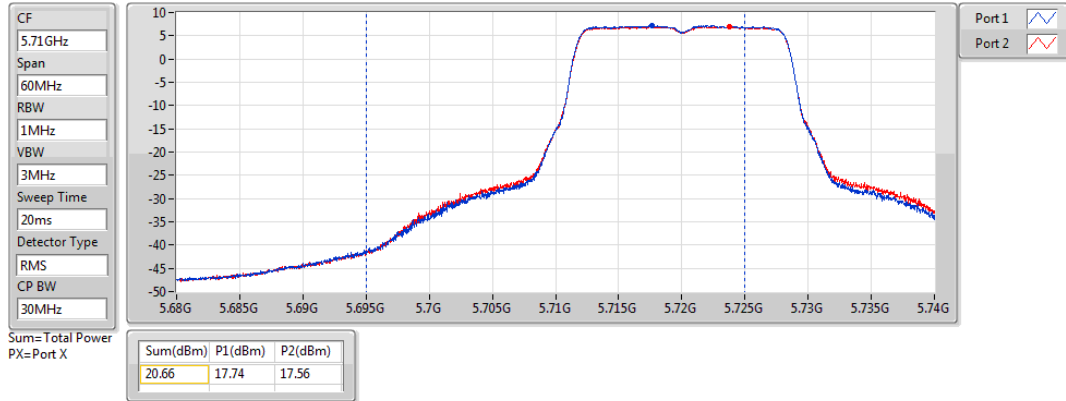
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5510MHz	Pass	5.12	16.20	16.14	19.18	23.98	24.30	30.00
5550MHz	Pass	5.12	20.30	20.41	23.37	23.98	28.49	30.00
5670MHz	Pass	5.12	20.67	20.24	23.47	23.98	28.59	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.12	20.87	20.39	23.65	23.98	28.77	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.12	11.16	10.84	14.01	30.00	19.13	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.12	18.00	18.14	21.08	23.98	26.20	30.00
5530MHz	Pass	5.12	17.61	18.01	20.82	23.98	25.94	30.00
5610MHz	Pass	5.12	20.72	21.05	23.90	23.98	29.02	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.12	20.79	20.77	23.79	23.98	28.91	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.12	7.32	7.70	10.52	30.00	15.64	36.00

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

802.11a_Nss1,(6Mbps)_2TX

AV Power

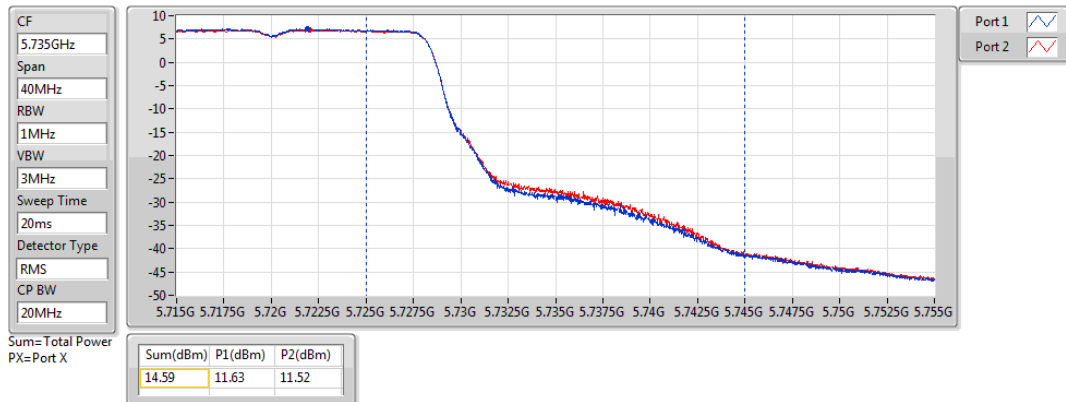
5720MHz Straddle 5.47-5.725GHz



802.11a_Nss1,(6Mbps)_2TX

AV Power

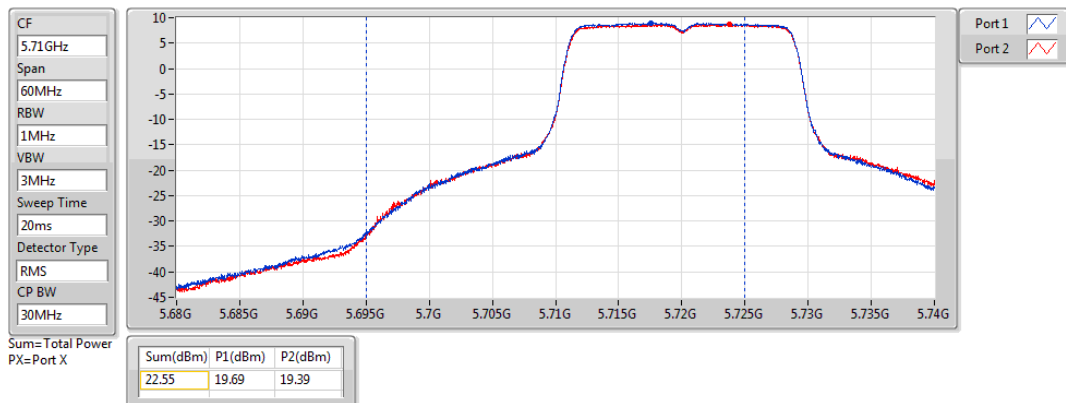
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

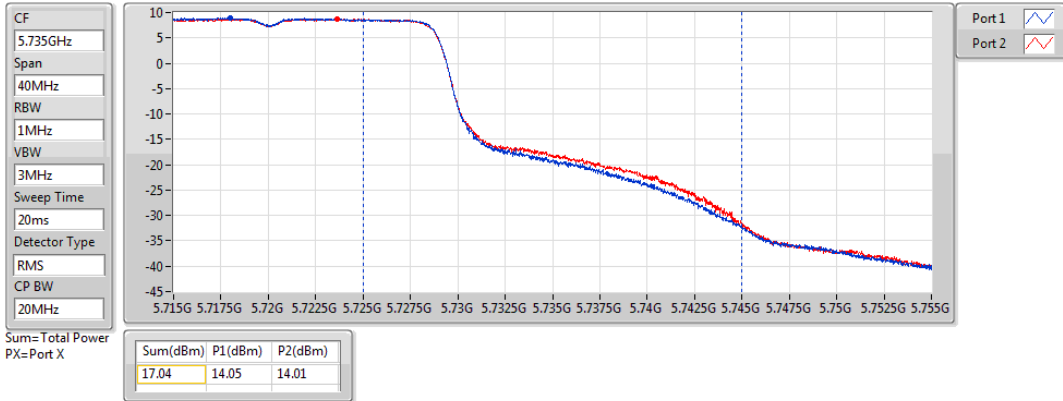


802.11ac VHT20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

06/01/2020

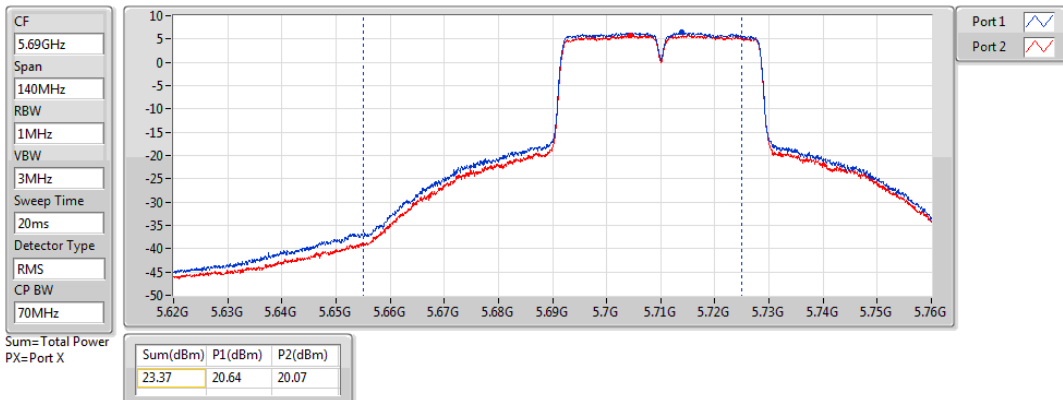


802.11ac VHT40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

06/01/2020

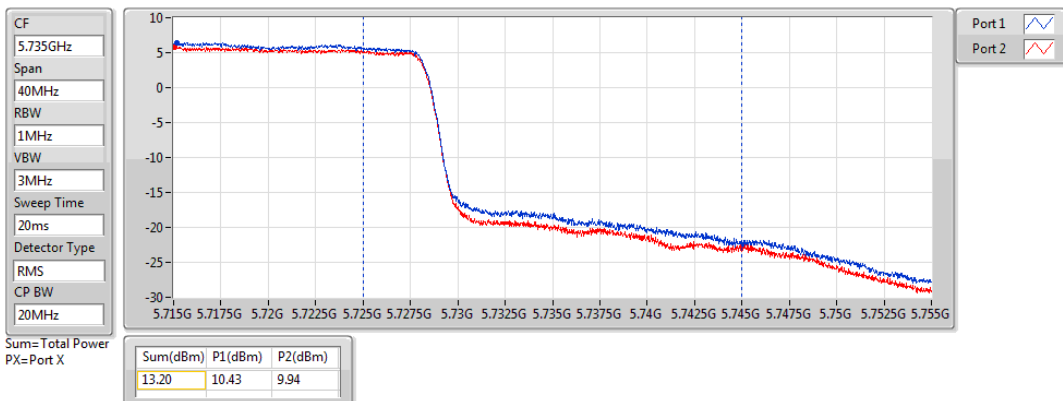


802.11ac VHT40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

06/01/2020

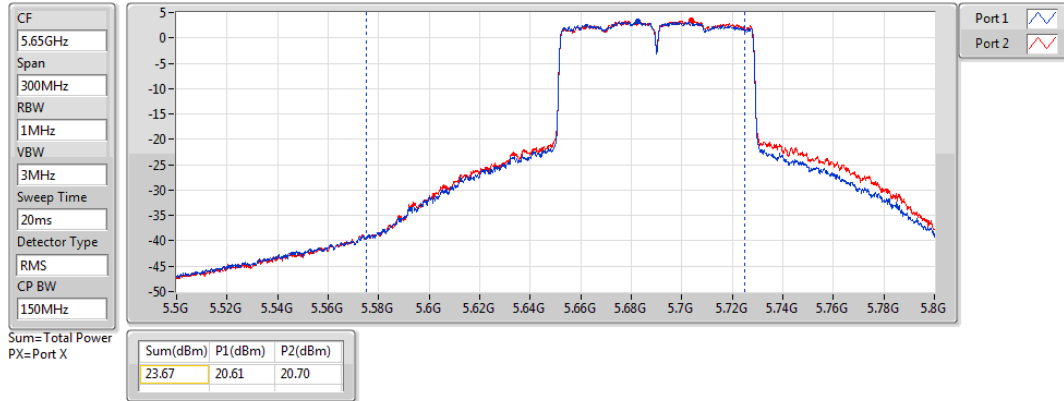


802.11ac VHT80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

06/01/2020

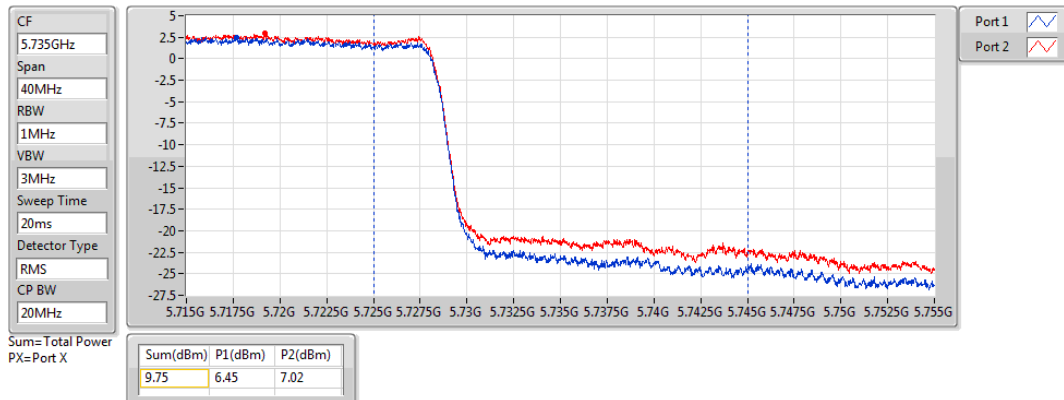


802.11ac VHT80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

06/01/2020

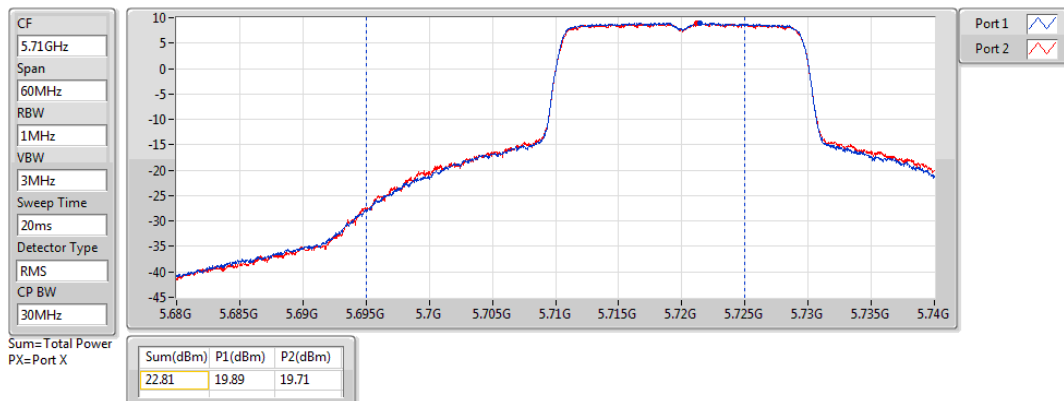


802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

06/01/2020

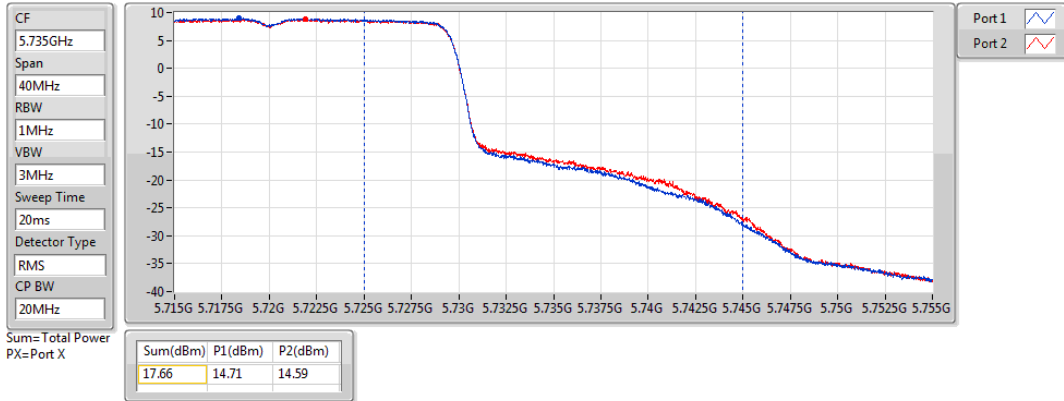


802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

06/01/2020

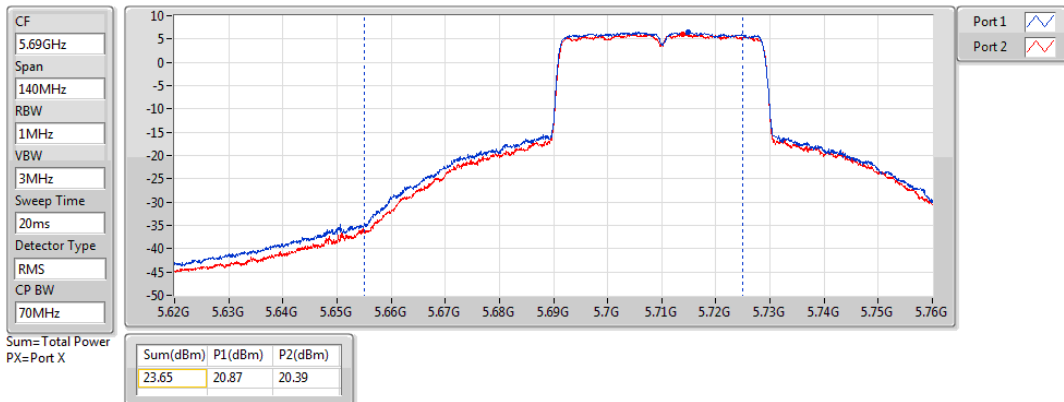


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

06/01/2020

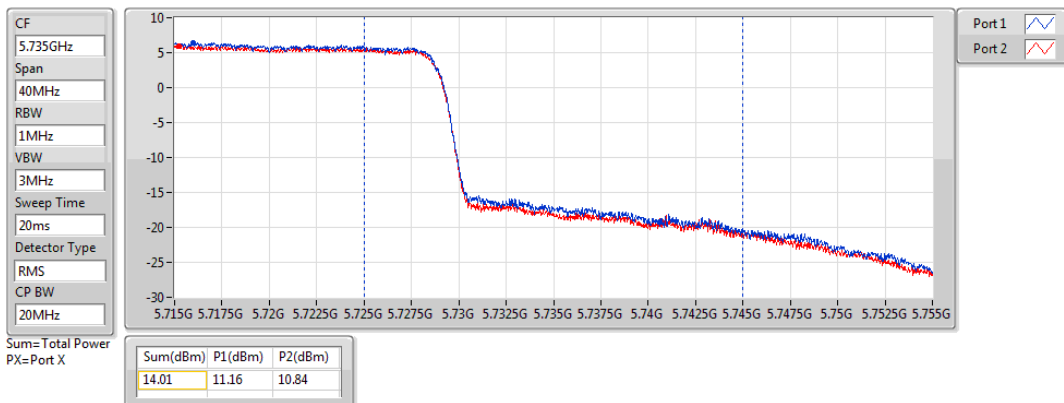


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

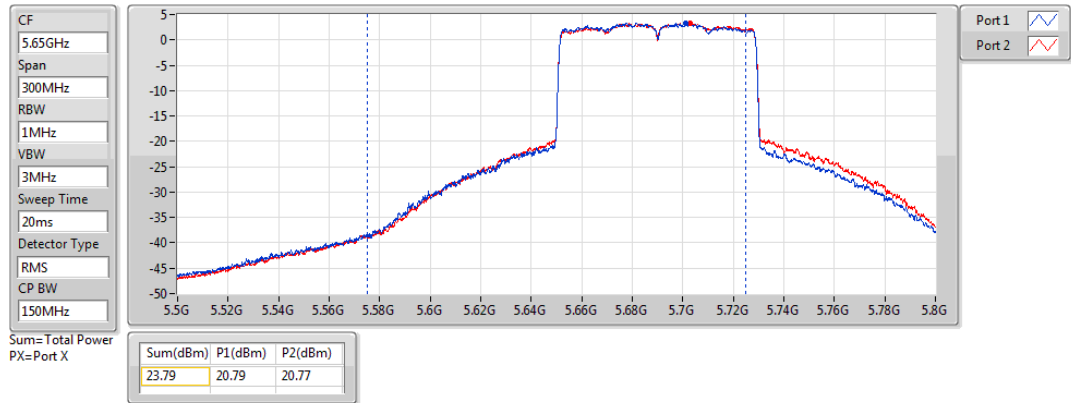
06/01/2020



802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

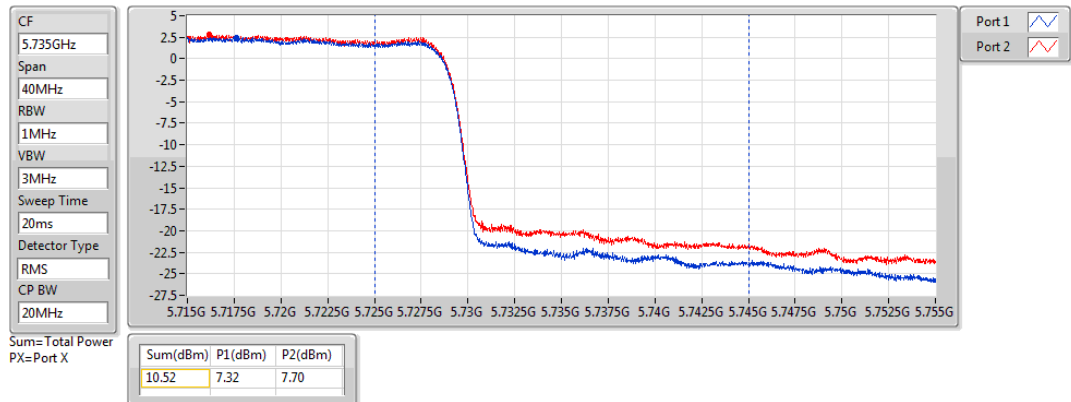
5690MHz Straddle 5.47-5.725GHz



802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	22.03	0.15959	26.84	0.48306
802.11ac VHT20_Nss1,(MCS0)_1TX	21.62	0.14521	26.43	0.43954
802.11ac VHT40_Nss1,(MCS0)_1TX	21.42	0.13868	26.23	0.41976
802.11ac VHT80_Nss1,(MCS0)_1TX	19.54	0.08995	24.35	0.27227
802.11ax HEW20_Nss1,(MCS0)_1TX	21.93	0.15596	26.74	0.47206
802.11ax HEW40_Nss1,(MCS0)_1TX	21.64	0.14588	26.45	0.44157
802.11ax HEW80_Nss1,(MCS0)_1TX	19.72	0.09376	24.53	0.28379
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	22.08	0.16144	26.89	0.48865
802.11ac VHT20_Nss1,(MCS0)_1TX	21.84	0.15276	26.65	0.46238
802.11ac VHT40_Nss1,(MCS0)_1TX	22.49	0.17742	27.30	0.53703
802.11ac VHT80_Nss1,(MCS0)_1TX	22.13	0.16331	26.94	0.49431
802.11ax HEW20_Nss1,(MCS0)_1TX	22.08	0.16144	26.89	0.48865
802.11ax HEW40_Nss1,(MCS0)_1TX	22.55	0.17989	27.36	0.54450
802.11ax HEW80_Nss1,(MCS0)_1TX	22.20	0.16596	27.01	0.50234
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	14.81	0.03027	19.62	0.09162
802.11ac VHT20_Nss1,(MCS0)_1TX	14.78	0.03006	19.59	0.09099
802.11ac VHT40_Nss1,(MCS0)_1TX	11.36	0.01368	16.17	0.04140
802.11ac VHT80_Nss1,(MCS0)_1TX	7.92	0.00619	12.73	0.01875
802.11ax HEW20_Nss1,(MCS0)_1TX	15.27	0.03365	20.08	0.10186
802.11ax HEW40_Nss1,(MCS0)_1TX	12.13	0.01633	16.94	0.04943
802.11ax HEW80_Nss1,(MCS0)_1TX	8.76	0.00752	13.57	0.02275

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	4.81	21.54	21.54	23.98	26.35	30.00
5300MHz	Pass	4.81	21.90	21.90	23.98	26.71	30.00
5320MHz	Pass	4.81	22.03	22.03	23.98	26.84	30.00
5500MHz	Pass	4.81	18.58	18.58	23.98	23.39	30.00
5580MHz	Pass	4.81	22.08	22.08	23.98	26.89	30.00
5700MHz	Pass	4.81	19.42	19.42	23.98	24.23	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.81	20.99	20.99	23.98	25.80	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.81	14.81	14.81	30.00	19.62	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	4.81	21.40	21.40	23.98	26.21	30.00
5300MHz	Pass	4.81	21.62	21.62	23.98	26.43	30.00
5320MHz	Pass	4.81	20.42	20.42	23.98	25.23	30.00
5500MHz	Pass	4.81	18.70	18.70	23.98	23.51	30.00
5580MHz	Pass	4.81	21.84	21.84	23.98	26.65	30.00
5700MHz	Pass	4.81	16.36	16.36	23.98	21.17	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.81	20.38	20.38	23.98	25.19	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.81	14.78	14.78	30.00	19.59	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	4.81	21.42	21.42	23.98	26.23	30.00
5310MHz	Pass	4.81	19.40	19.40	23.98	24.21	30.00
5510MHz	Pass	4.81	18.18	18.18	23.98	22.99	30.00
5550MHz	Pass	4.81	21.83	21.83	23.98	26.64	30.00
5670MHz	Pass	4.81	22.49	22.49	23.98	27.30	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.81	21.80	21.80	23.98	26.61	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.81	11.36	11.36	30.00	16.17	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	4.81	19.54	19.54	23.98	24.35	30.00
5530MHz	Pass	4.81	18.19	18.19	23.98	23.00	30.00
5610MHz	Pass	4.81	21.86	21.86	23.98	26.67	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.81	22.13	22.13	23.98	26.94	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.81	7.92	7.92	30.00	12.73	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	4.81	21.72	21.72	23.98	26.53	30.00
5300MHz	Pass	4.81	21.93	21.93	23.98	26.74	30.00
5320MHz	Pass	4.81	20.62	20.62	23.98	25.43	30.00
5500MHz	Pass	4.81	19.00	19.00	23.98	23.81	30.00
5580MHz	Pass	4.81	22.08	22.08	23.98	26.89	30.00
5700MHz	Pass	4.81	16.61	16.61	23.98	21.42	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.81	20.46	20.46	23.98	25.27	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.81	15.27	15.27	30.00	20.08	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	4.81	21.64	21.64	23.98	26.45	30.00
5310MHz	Pass	4.81	19.98	19.98	23.98	24.79	30.00



Average Power_Non-Beamforming_Sample 1_Radio2_1T1S

Appendix B.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5510MHz	Pass	4.81	18.21	18.21	23.98	23.02	30.00
5550MHz	Pass	4.81	21.94	21.94	23.98	26.75	30.00
5670MHz	Pass	4.81	22.55	22.55	23.98	27.36	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.81	21.85	21.85	23.98	26.66	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.81	12.13	12.13	30.00	16.94	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	4.81	19.72	19.72	23.98	24.53	30.00
5530MHz	Pass	4.81	18.30	18.30	23.98	23.11	30.00
5610MHz	Pass	4.81	22.02	22.02	23.98	26.83	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.81	22.20	22.20	23.98	27.01	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.81	8.76	8.76	30.00	13.57	36.00

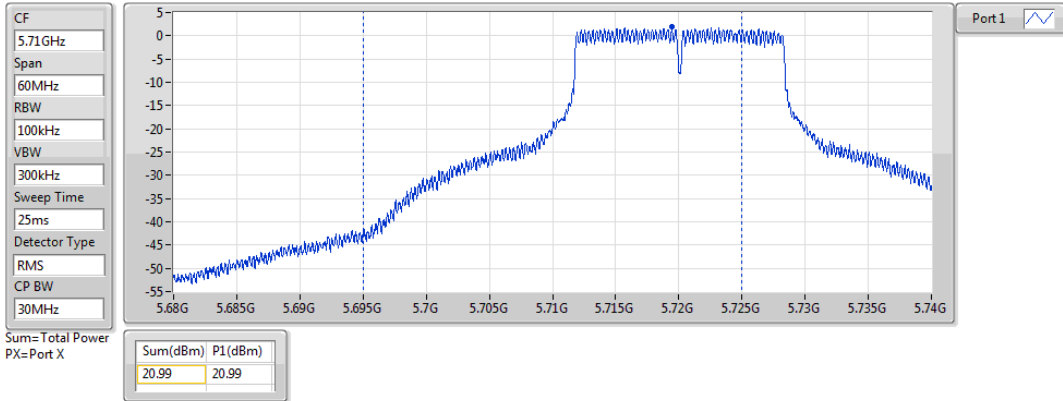
DG = Directional Gain; **Port X** = Port X output power

802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

06/01/2020

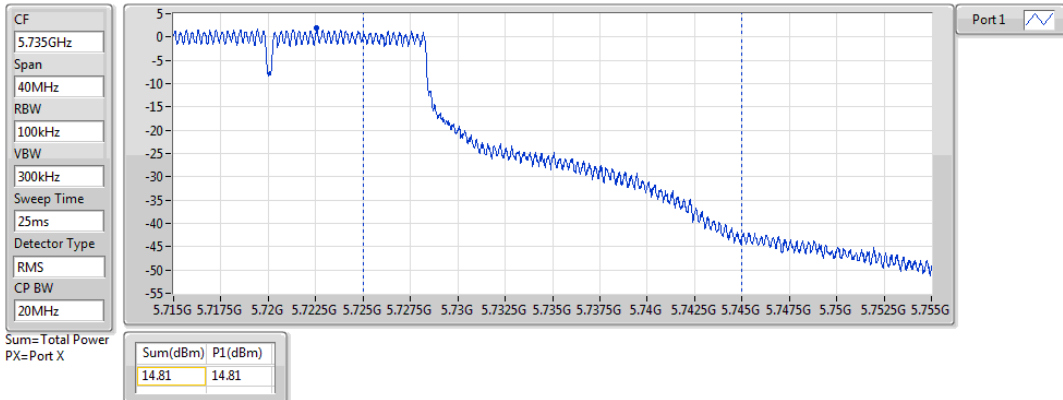


802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

06/01/2020

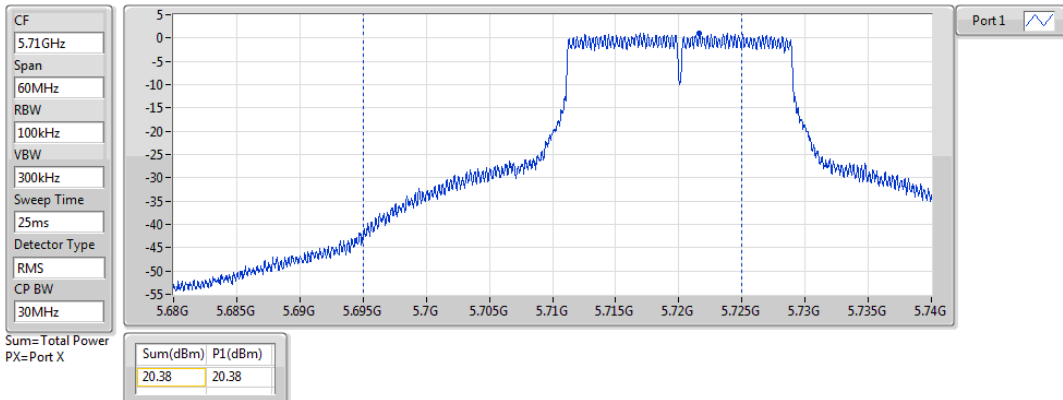


802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

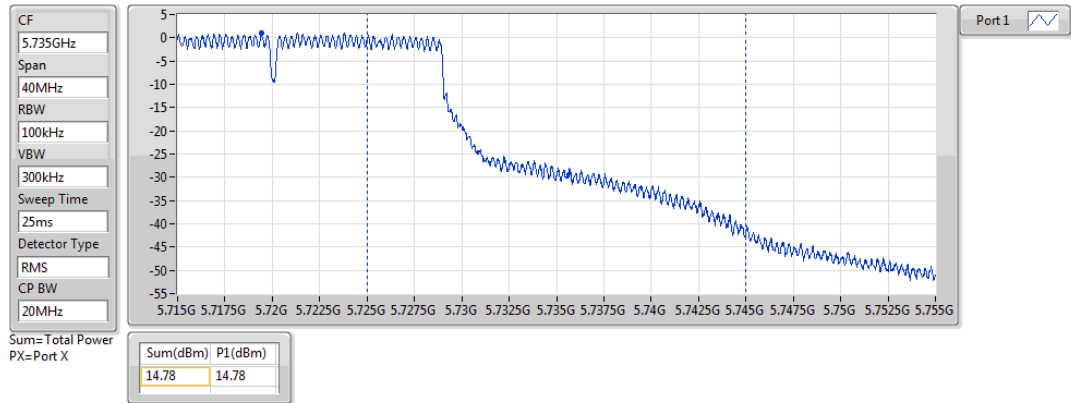
06/01/2020



802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

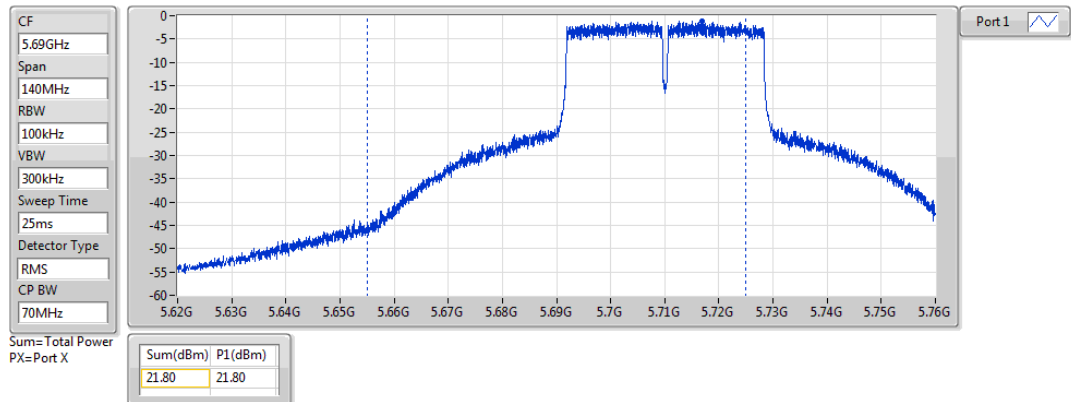
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

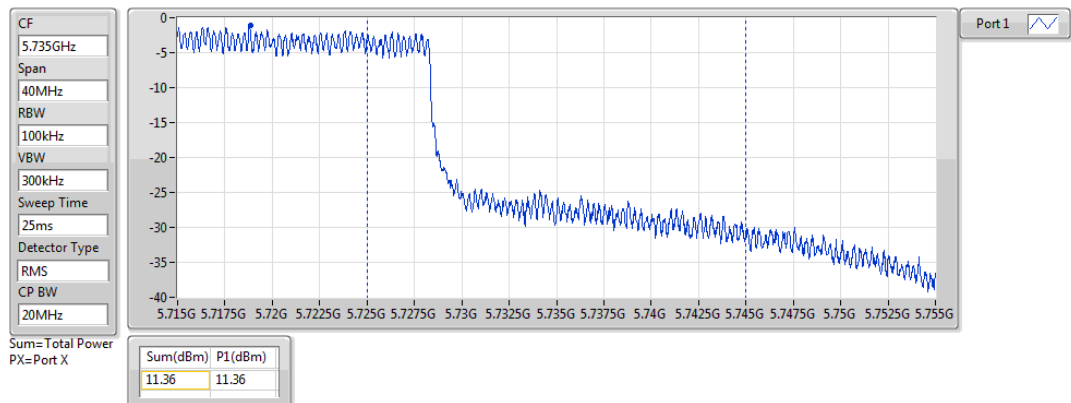
5710MHz Straddle 5.67-5.725GHz



802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

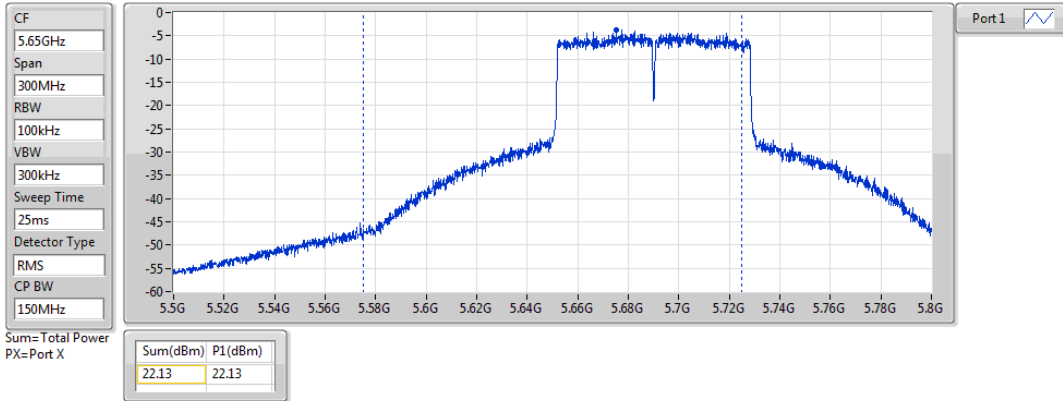


802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz

06/01/2020

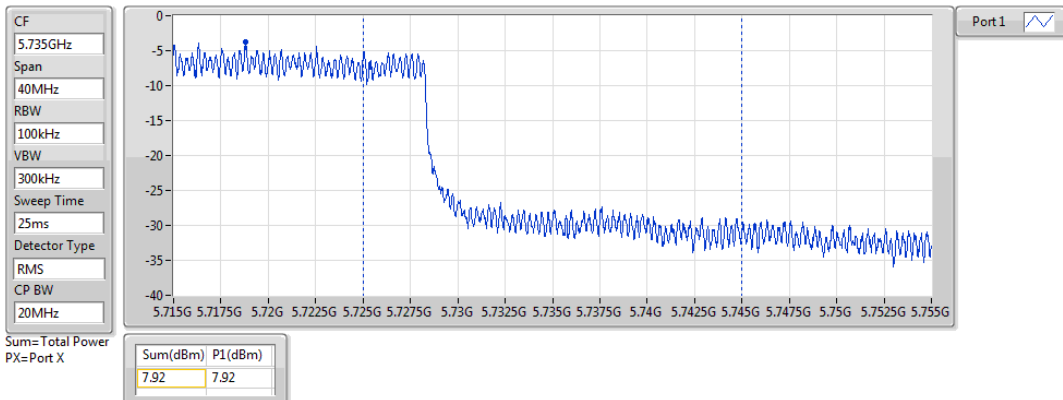


802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

06/01/2020

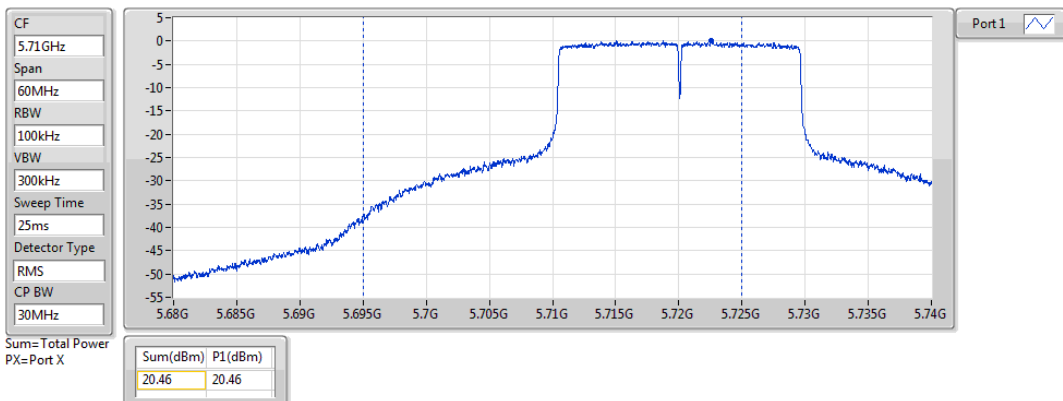


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

06/01/2020

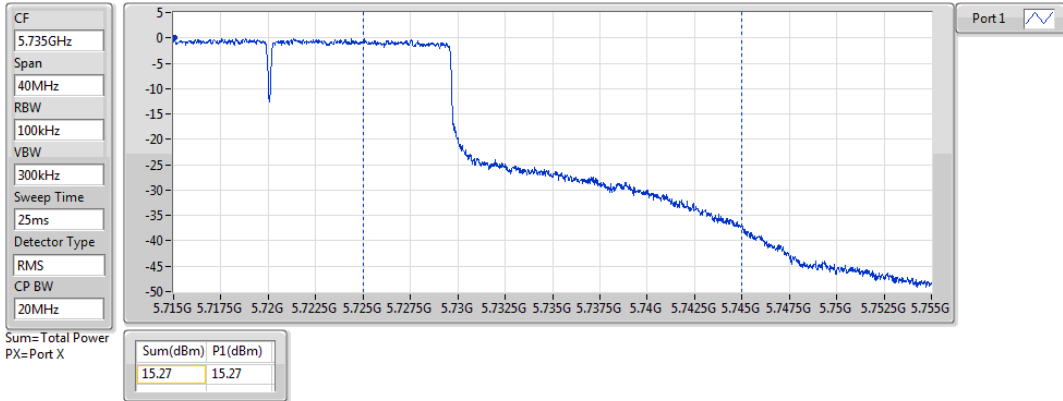


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

06/01/2020

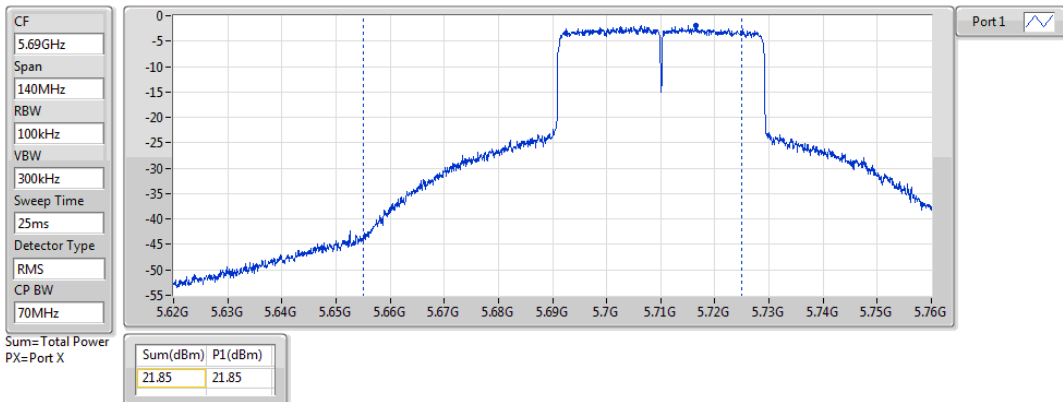


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

06/01/2020

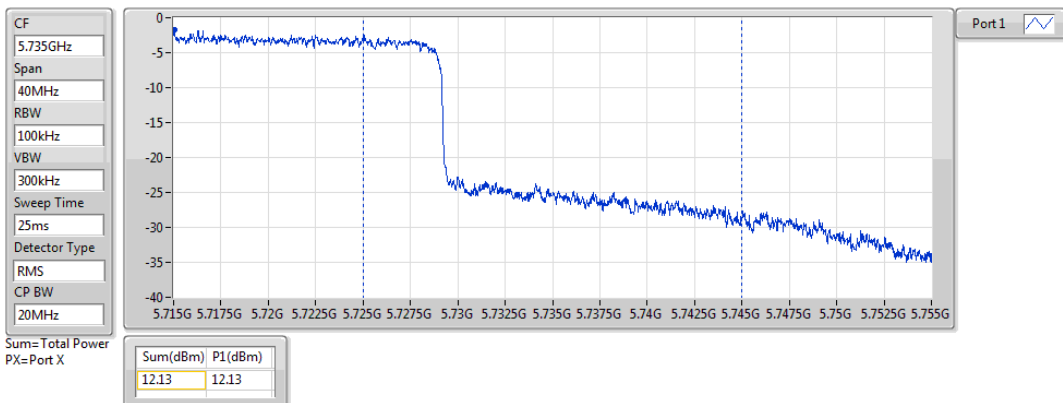


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

06/01/2020

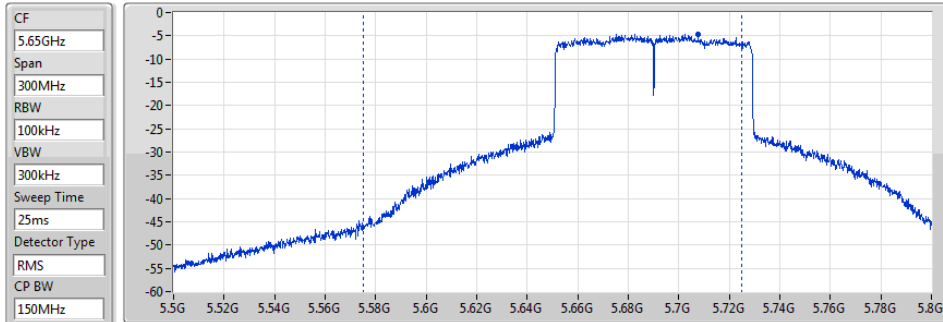


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz

06/01/2020



Sum=Total Power
PX=Port X

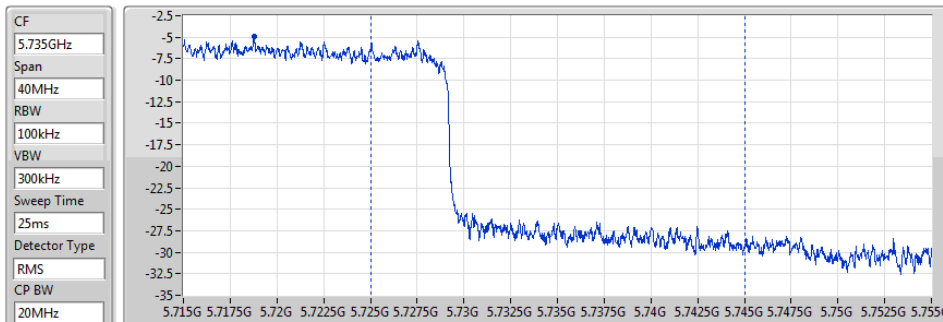
Sum(dBm)	P1(dBm)
22.20	22.20

802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

06/01/2020



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
8.76	8.76

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	23.87	0.24378	28.68	0.73790
802.11ac VHT20_Nss2,(MCS0)_2TX	23.66	0.23227	28.44	0.69823
802.11ac VHT40_Nss2,(MCS0)_2TX	23.85	0.24266	28.63	0.72946
802.11ac VHT80_Nss2,(MCS0)_2TX	20.93	0.12388	25.71	0.37239
802.11ax HEW20_Nss2,(MCS0)_2TX	23.94	0.24774	28.72	0.74473
802.11ax HEW40_Nss2,(MCS0)_2TX	23.97	0.24946	28.75	0.74989
802.11ax HEW80_Nss2,(MCS0)_2TX	21.28	0.13428	26.06	0.40365
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.32	0.17061	27.13	0.51642
802.11ac VHT20_Nss2,(MCS0)_2TX	23.68	0.23335	28.46	0.70146
802.11ac VHT40_Nss2,(MCS0)_2TX	23.92	0.24660	28.70	0.74131
802.11ac VHT80_Nss2,(MCS0)_2TX	23.72	0.23550	28.50	0.70795
802.11ax HEW20_Nss2,(MCS0)_2TX	23.88	0.24434	28.66	0.73451
802.11ax HEW40_Nss2,(MCS0)_2TX	23.94	0.24774	28.72	0.74473
802.11ax HEW80_Nss2,(MCS0)_2TX	23.82	0.24099	28.60	0.72444
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	15.05	0.03199	19.86	0.09683
802.11ac VHT20_Nss2,(MCS0)_2TX	17.05	0.05070	21.83	0.15241
802.11ac VHT40_Nss2,(MCS0)_2TX	13.64	0.02312	18.42	0.06950
802.11ac VHT80_Nss2,(MCS0)_2TX	9.56	0.00904	14.34	0.02716
802.11ax HEW20_Nss2,(MCS0)_2TX	17.68	0.05861	22.46	0.17620
802.11ax HEW40_Nss2,(MCS0)_2TX	14.26	0.02667	19.04	0.08017
802.11ax HEW80_Nss2,(MCS0)_2TX	10.47	0.01114	15.25	0.03350

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.81	20.90	20.82	23.87	23.98	28.68	30.00
5300MHz	Pass	4.81	19.33	19.33	22.34	23.98	27.15	30.00
5320MHz	Pass	4.81	19.50	19.43	22.48	23.98	27.29	30.00
5500MHz	Pass	4.81	18.63	19.89	22.32	23.98	27.13	30.00
5580MHz	Pass	4.81	18.73	19.51	22.15	23.98	26.96	30.00
5700MHz	Pass	4.81	18.98	19.20	22.10	23.98	26.91	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.81	18.10	18.13	21.13	23.13	25.94	29.13
5720MHz Straddle 5.725-5.85GHz	Pass	4.81	11.89	12.18	15.05	30.00	19.86	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.78	20.37	20.63	23.51	23.98	28.29	30.00
5300MHz	Pass	4.78	20.46	20.84	23.66	23.98	28.44	30.00
5320MHz	Pass	4.78	19.18	19.66	22.44	23.98	27.22	30.00
5500MHz	Pass	4.78	19.08	19.93	22.54	23.98	27.32	30.00
5580MHz	Pass	4.78	20.26	21.04	23.68	23.98	28.46	30.00
5700MHz	Pass	4.78	17.65	18.52	21.12	23.98	25.90	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.78	19.47	19.74	22.62	23.98	27.40	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.78	13.80	14.26	17.05	30.00	21.83	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	4.78	20.75	20.92	23.85	23.98	28.63	30.00
5310MHz	Pass	4.78	18.73	19.11	21.93	23.98	26.71	30.00
5510MHz	Pass	4.78	16.54	17.17	19.88	23.98	24.66	30.00
5550MHz	Pass	4.78	20.34	20.70	23.53	23.98	28.31	30.00
5670MHz	Pass	4.78	20.17	20.63	23.42	23.98	28.20	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.78	20.74	21.08	23.92	23.98	28.70	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.78	10.45	10.80	13.64	30.00	18.42	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	4.78	17.42	18.37	20.93	23.98	25.71	30.00
5530MHz	Pass	4.78	17.43	17.62	20.54	23.98	25.32	30.00
5610MHz	Pass	4.78	20.38	21.01	23.72	23.98	28.50	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.78	20.27	20.73	23.52	23.98	28.30	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.78	6.17	6.89	9.56	30.00	14.34	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.78	20.79	20.85	23.83	23.98	28.61	30.00
5300MHz	Pass	4.78	20.81	21.05	23.94	23.98	28.72	30.00
5320MHz	Pass	4.78	19.46	19.87	22.68	23.98	27.46	30.00
5500MHz	Pass	4.78	19.40	20.13	22.79	23.98	27.57	30.00
5580MHz	Pass	4.78	20.54	21.17	23.88	23.98	28.66	30.00
5700MHz	Pass	4.78	17.97	18.76	21.39	23.98	26.17	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.78	19.88	20.24	23.07	23.98	27.85	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.78	14.35	14.96	17.68	30.00	22.46	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	4.78	20.85	21.06	23.97	23.98	28.75	30.00
5310MHz	Pass	4.78	18.90	19.36	22.15	23.98	26.93	30.00



Average Power_Non-Beamforming_Sample 1_Radio 2_2T2S

Appendix B.4

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5510MHz	Pass	4.78	16.69	17.34	20.04	23.98	24.82	30.00
5550MHz	Pass	4.78	20.57	21.14	23.87	23.98	28.65	30.00
5670MHz	Pass	4.78	20.57	21.14	23.87	23.98	28.65	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.78	20.79	21.06	23.94	23.98	28.72	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.78	11.14	11.36	14.26	30.00	19.04	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	4.78	17.93	18.59	21.28	23.98	26.06	30.00
5530MHz	Pass	4.78	17.42	17.69	20.57	23.98	25.35	30.00
5610MHz	Pass	4.78	20.50	21.06	23.80	23.98	28.58	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.78	20.53	21.07	23.82	23.98	28.60	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.78	7.16	7.74	10.47	30.00	15.25	36.00

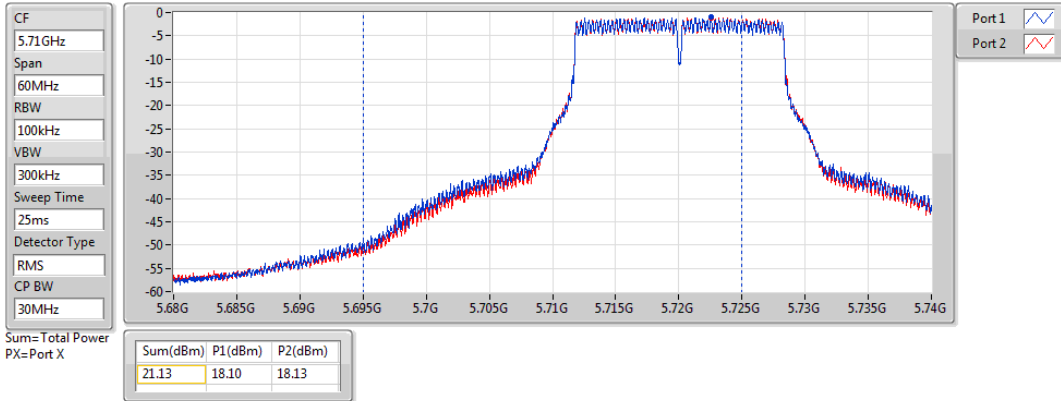
DG = Directional Gain; **Port X** = Port X output power

802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

17/01/2020

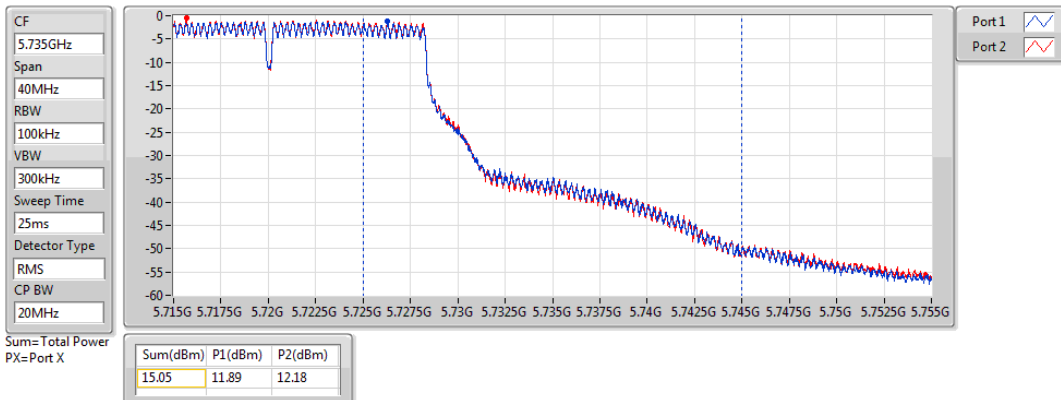


802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

17/01/2020

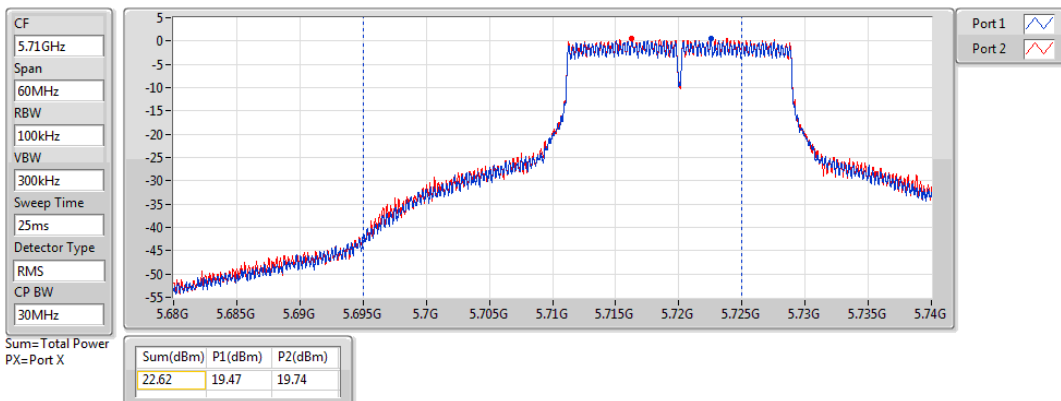


802.11ac VHT20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

09/01/2020

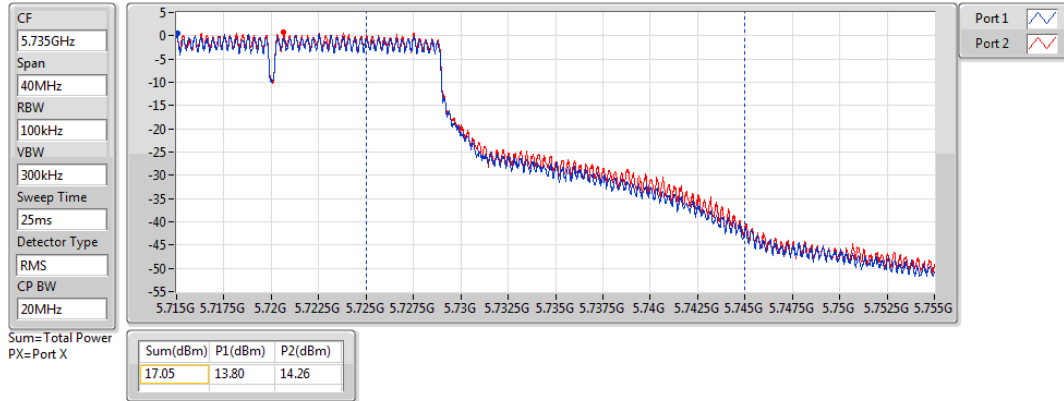


802.11ac VHT20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

09/01/2020

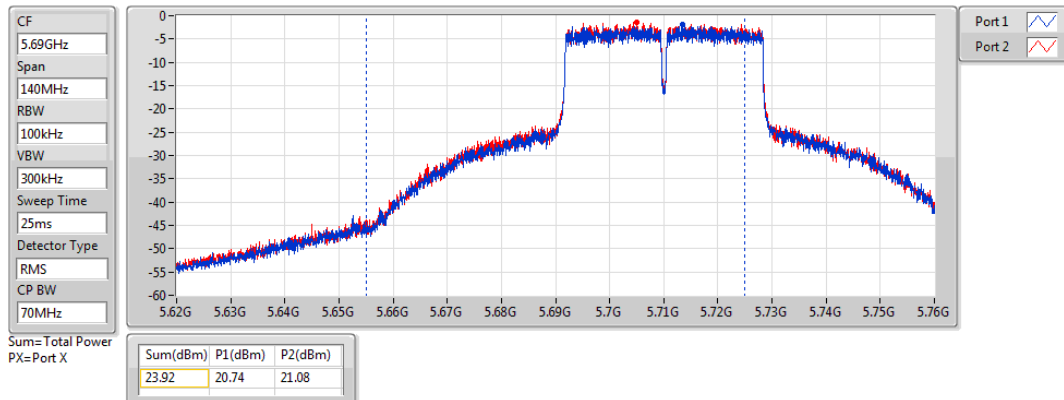


802.11ac VHT40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

09/01/2020

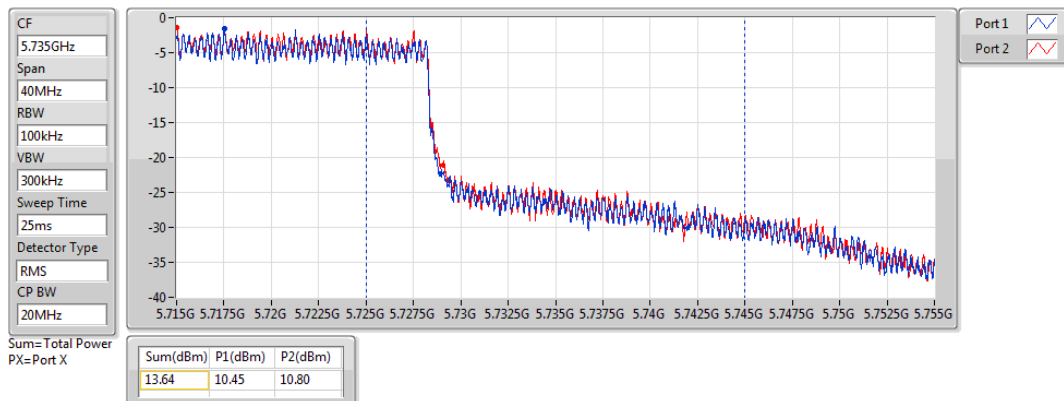


802.11ac VHT40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

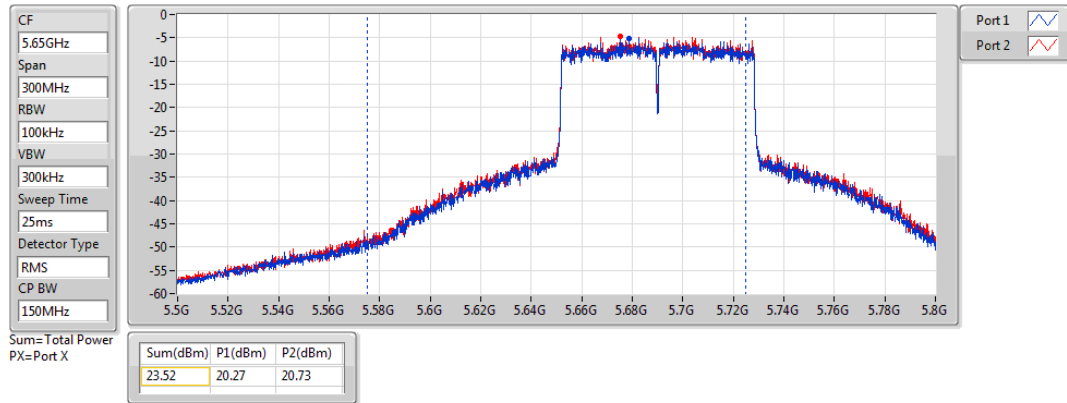
09/01/2020



802.11ac VHT80_Nss2,(MCS0)_2TX

AV Power

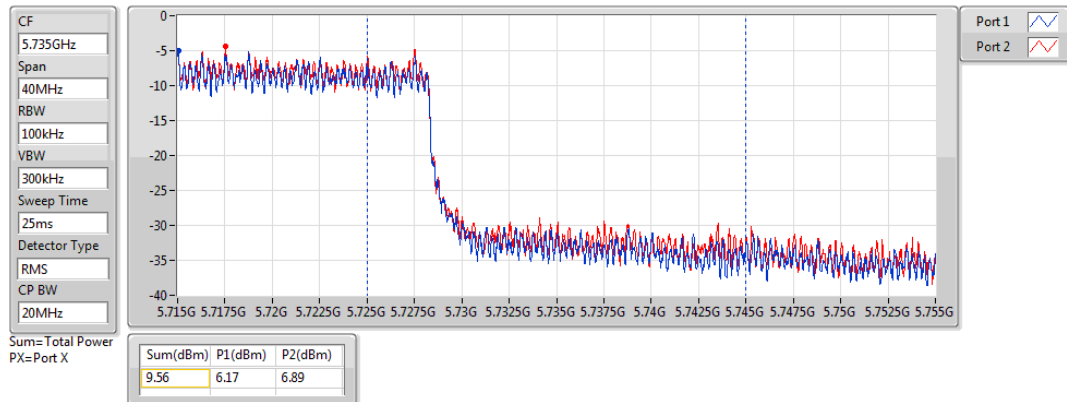
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss2,(MCS0)_2TX

AV Power

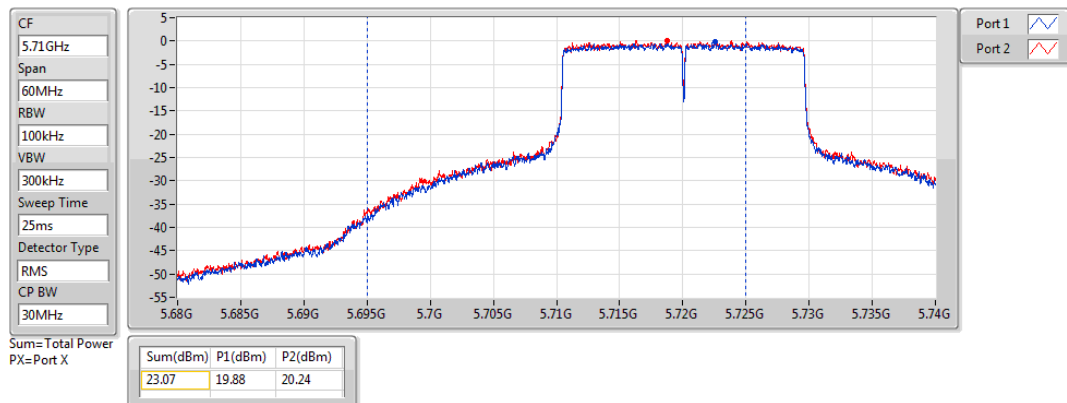
5690MHz Straddle 5.725-5.85GHz



802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

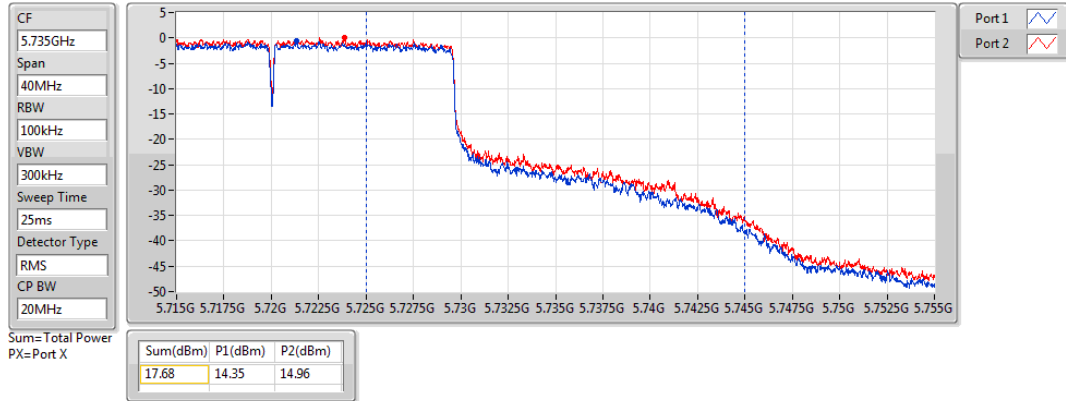


802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

09/01/2020

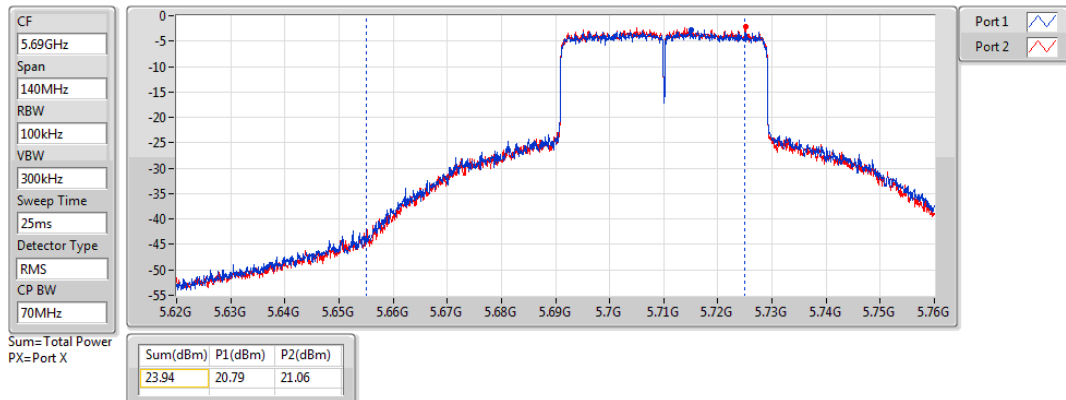


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

09/01/2020

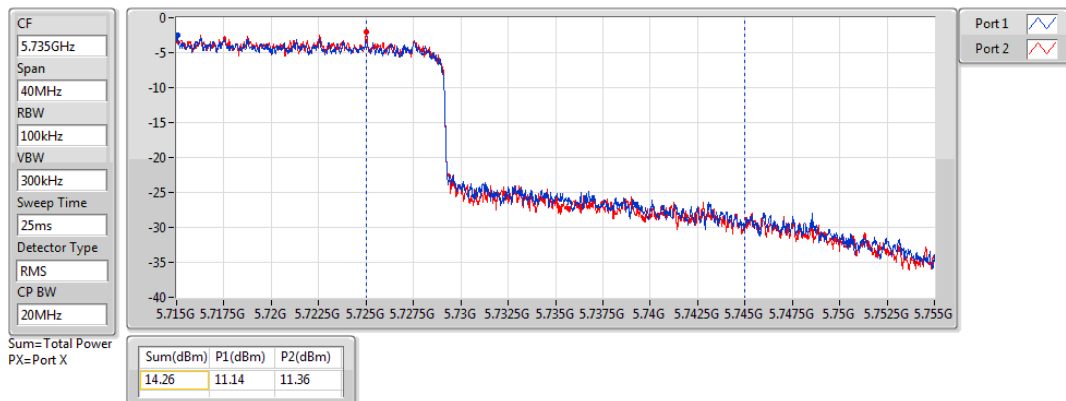


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

09/01/2020

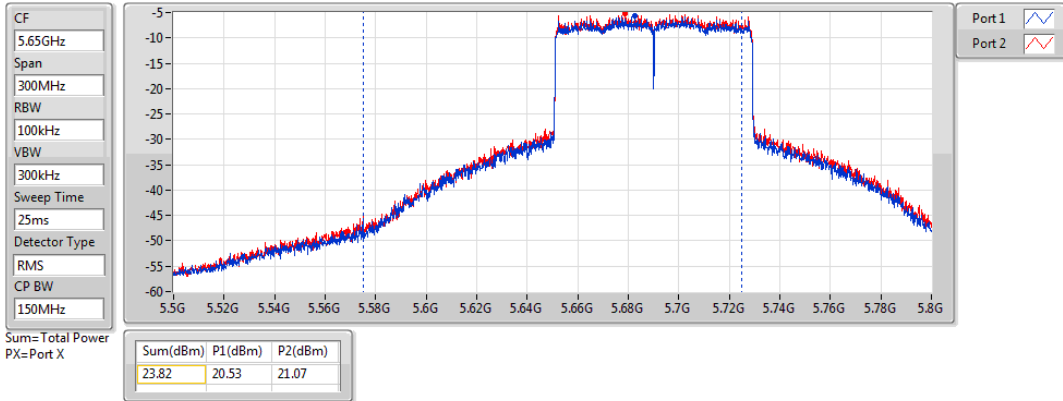


802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

09/01/2020

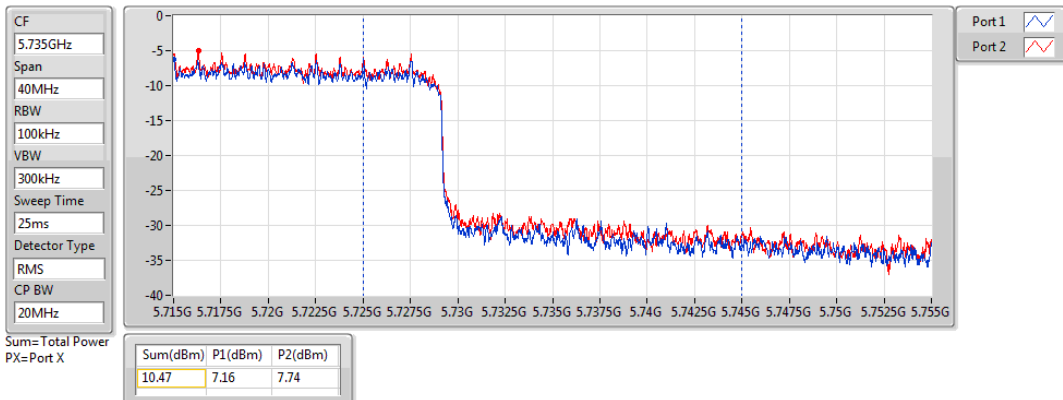


802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

09/01/2020





Average Power_Non-Beamforming_Sample 2_Radio 1_Omni_1T1S

Appendix B.5

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.98	0.12531	28.98	0.79068
802.11ac VHT20_Nss1,(MCS0)_1TX	20.80	0.12023	28.80	0.75858
802.11ac VHT40_Nss1,(MCS0)_1TX	20.26	0.10617	28.26	0.66988
802.11ac VHT80_Nss1,(MCS0)_1TX	14.93	0.03112	22.93	0.19634
802.11ax HEW20_Nss1,(MCS0)_1TX	21.02	0.12647	29.02	0.79799
802.11ax HEW40_Nss1,(MCS0)_1TX	20.53	0.11298	28.53	0.71285
802.11ax HEW80_Nss1,(MCS0)_1TX	15.42	0.03483	23.42	0.21979
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.19	0.13152	29.19	0.82985
802.11ac VHT20_Nss1,(MCS0)_1TX	21.04	0.12706	29.04	0.80168
802.11ac VHT40_Nss1,(MCS0)_1TX	21.12	0.12942	29.12	0.81658
802.11ac VHT80_Nss1,(MCS0)_1TX	20.53	0.11298	28.53	0.71285
802.11ax HEW20_Nss1,(MCS0)_1TX	21.14	0.13002	29.14	0.82035
802.11ax HEW40_Nss1,(MCS0)_1TX	21.41	0.13836	29.41	0.87297
802.11ax HEW80_Nss1,(MCS0)_1TX	20.69	0.11722	28.69	0.73961
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	14.10	0.02570	22.10	0.16218
802.11ac VHT20_Nss1,(MCS0)_1TX	14.25	0.02661	22.25	0.16788
802.11ac VHT40_Nss1,(MCS0)_1TX	10.86	0.01219	18.86	0.07691
802.11ac VHT80_Nss1,(MCS0)_1TX	6.23	0.00420	14.23	0.02649
802.11ax HEW20_Nss1,(MCS0)_1TX	14.59	0.02877	22.59	0.18155
802.11ax HEW40_Nss1,(MCS0)_1TX	11.65	0.01462	19.65	0.09226
802.11ax HEW80_Nss1,(MCS0)_1TX	7.12	0.00515	15.12	0.03251

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	8.00	20.98	20.98	21.98	28.98	30.00
5300MHz	Pass	8.00	20.96	20.96	21.98	28.96	30.00
5320MHz	Pass	8.00	17.37	17.37	21.98	25.37	30.00
5500MHz	Pass	8.00	15.80	15.80	21.98	23.80	30.00
5580MHz	Pass	8.00	21.19	21.19	21.98	29.19	30.00
5700MHz	Pass	8.00	15.68	15.68	21.98	23.68	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	20.34	20.34	21.98	28.34	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	14.10	14.10	28.00	22.10	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	8.00	20.80	20.80	21.98	28.80	30.00
5300MHz	Pass	8.00	20.71	20.71	21.98	28.71	30.00
5320MHz	Pass	8.00	16.72	16.72	21.98	24.72	30.00
5500MHz	Pass	8.00	16.01	16.01	21.98	24.01	30.00
5580MHz	Pass	8.00	21.04	21.04	21.98	29.04	30.00
5700MHz	Pass	8.00	13.33	13.33	21.98	21.33	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	19.87	19.87	21.98	27.87	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	14.25	14.25	28.00	22.25	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	8.00	20.26	20.26	21.98	28.26	30.00
5310MHz	Pass	8.00	15.80	15.80	21.98	23.80	30.00
5510MHz	Pass	8.00	15.11	15.11	21.98	23.11	30.00
5550MHz	Pass	8.00	19.43	19.43	21.98	27.43	30.00
5670MHz	Pass	8.00	17.07	17.07	21.98	25.07	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	21.12	21.12	21.98	29.12	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	10.86	10.86	28.00	18.86	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	8.00	14.93	14.93	21.98	22.93	30.00
5530MHz	Pass	8.00	14.95	14.95	21.98	22.95	30.00
5610MHz	Pass	8.00	17.61	17.61	21.98	25.61	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	20.53	20.53	21.98	28.53	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	6.23	6.23	28.00	14.23	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	8.00	21.02	21.02	21.98	29.02	30.00
5300MHz	Pass	8.00	20.86	20.86	21.98	28.86	30.00
5320MHz	Pass	8.00	17.05	17.05	21.98	25.05	30.00
5500MHz	Pass	8.00	16.08	16.08	21.98	24.08	30.00
5580MHz	Pass	8.00	21.14	21.14	21.98	29.14	30.00
5700MHz	Pass	8.00	13.61	13.61	21.98	21.61	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	19.88	19.88	21.98	27.88	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	14.59	14.59	28.00	22.59	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	8.00	20.53	20.53	21.98	28.53	30.00
5310MHz	Pass	8.00	16.10	16.10	21.98	24.10	30.00



**Average Power_Non-Beamforming_Sample 2_Radio
1_Omni_1T1S**

Appendix B.5

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5510MHz	Pass	8.00	15.33	15.33	21.98	23.33	30.00
5550MHz	Pass	8.00	19.59	19.59	21.98	27.59	30.00
5670MHz	Pass	8.00	17.36	17.36	21.98	25.36	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	21.41	21.41	21.98	29.41	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	11.65	11.65	28.00	19.65	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	8.00	15.42	15.42	21.98	23.42	30.00
5530MHz	Pass	8.00	15.18	15.18	21.98	23.18	30.00
5610MHz	Pass	8.00	17.92	17.92	21.98	25.92	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	20.69	20.69	21.98	28.69	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	7.12	7.12	28.00	15.12	36.00

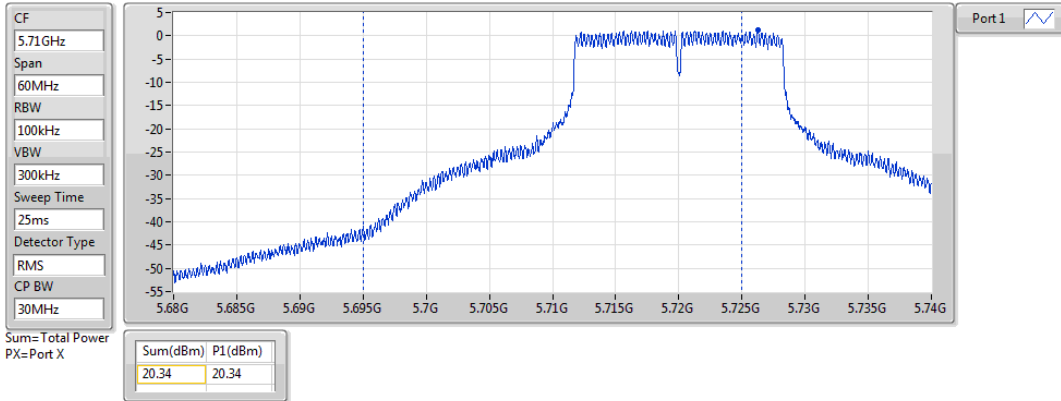
DG = Directional Gain; **Port X** = Port X output power

802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

06/01/2020

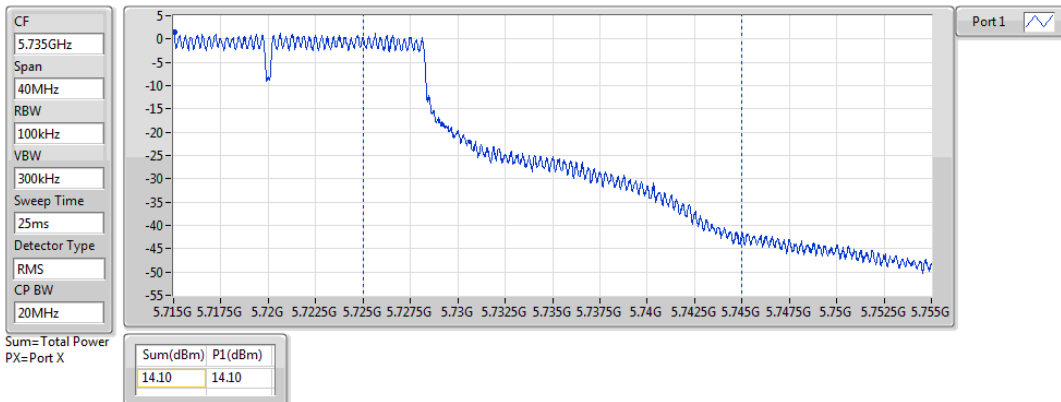


802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

06/01/2020

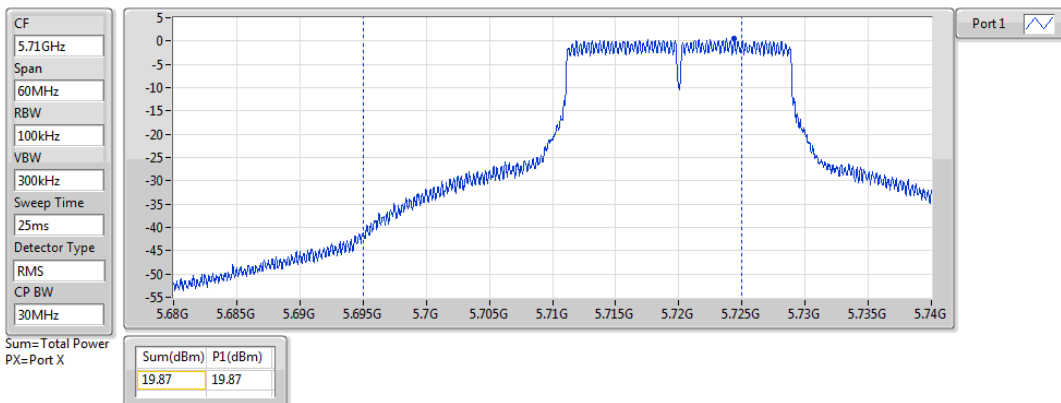


802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

06/01/2020

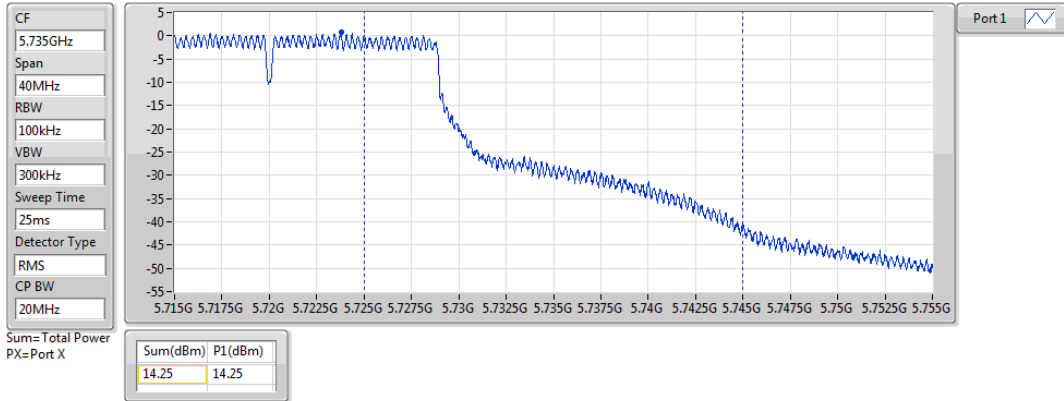


802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

06/01/2020

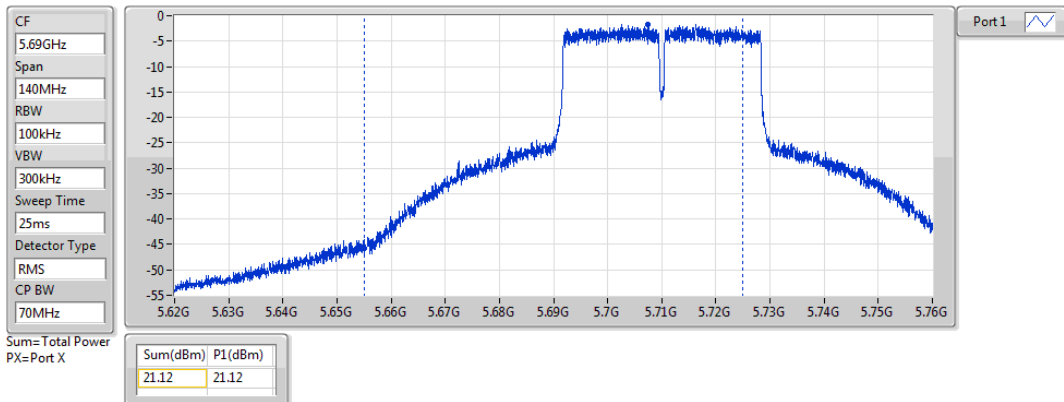


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

06/01/2020

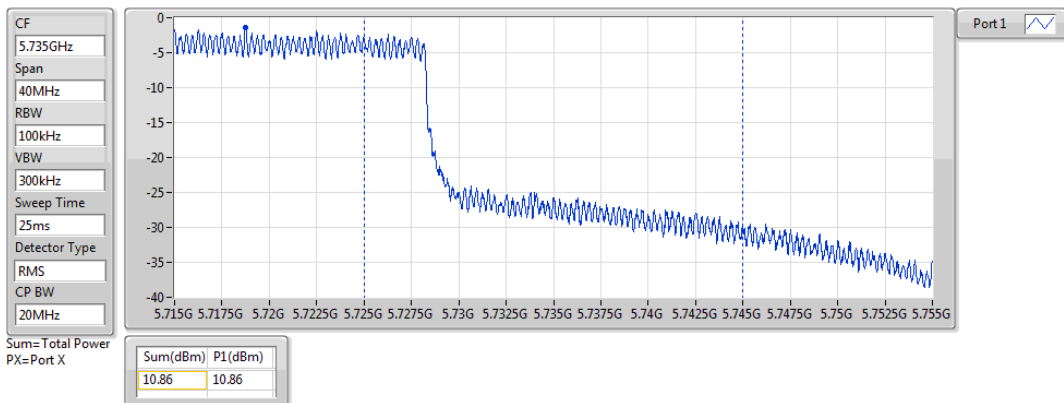


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

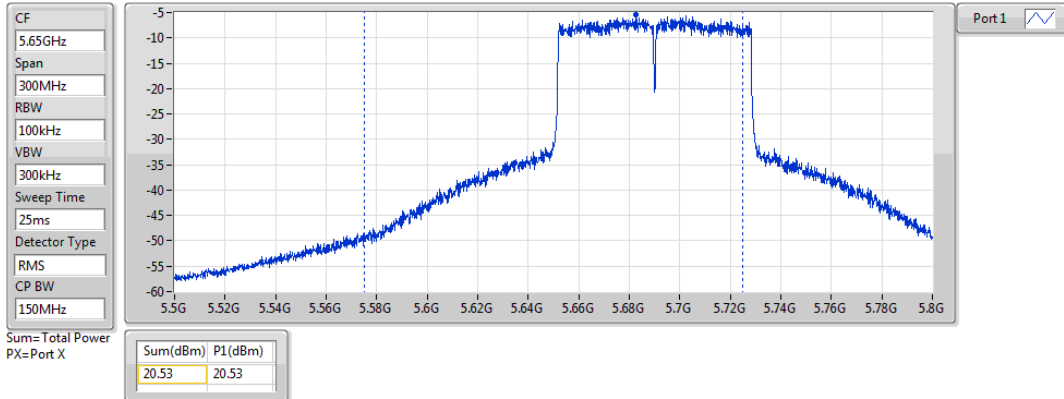
06/01/2020



802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

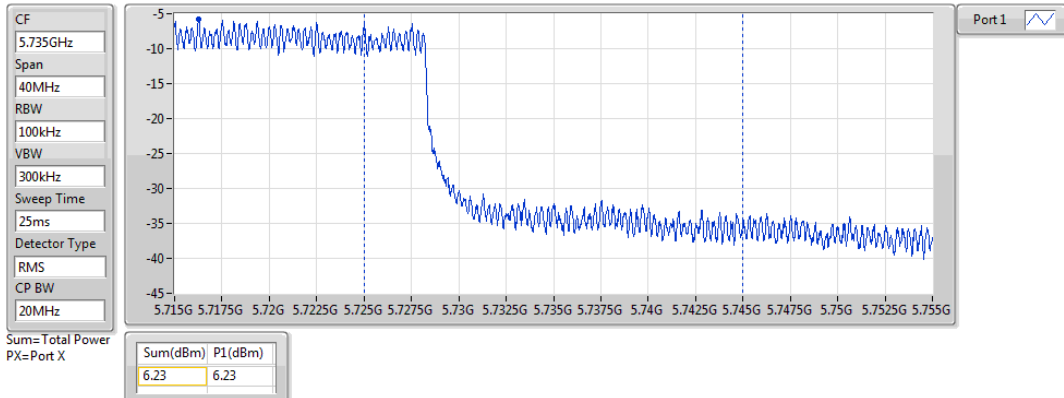
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

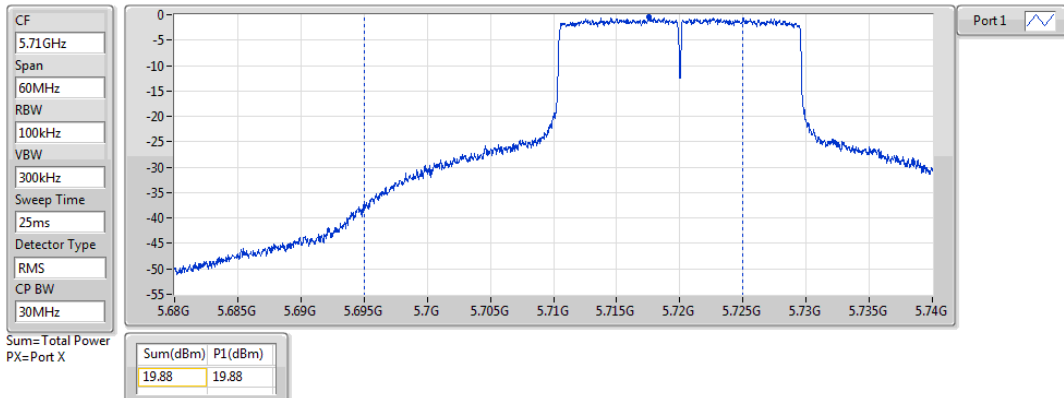
5690MHz Straddle 5.725-5.85GHz



802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

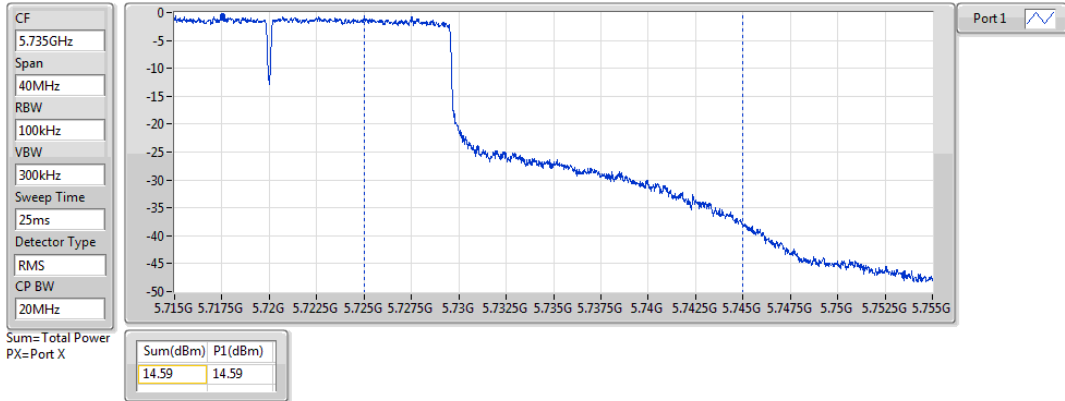
5720MHz Straddle 5.47-5.725GHz



802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

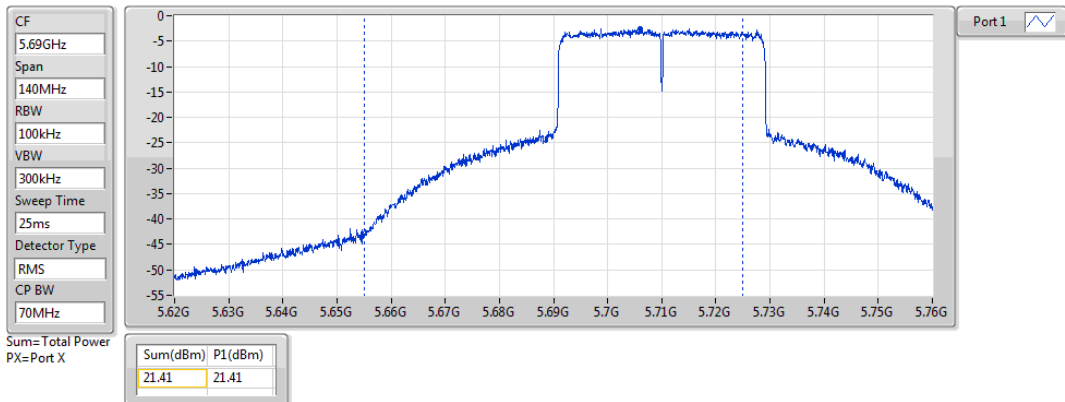
5720MHz Straddle 5.725-5.85GHz



802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

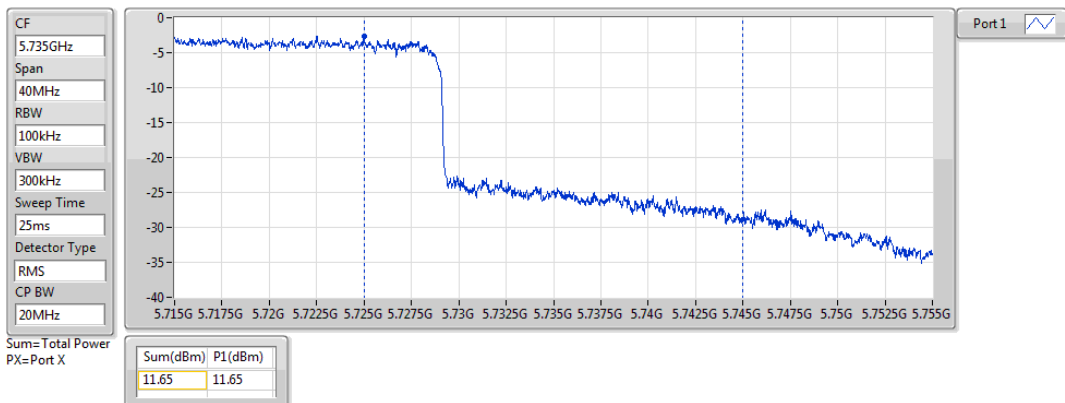
5710MHz Straddle 5.47-5.725GHz



802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

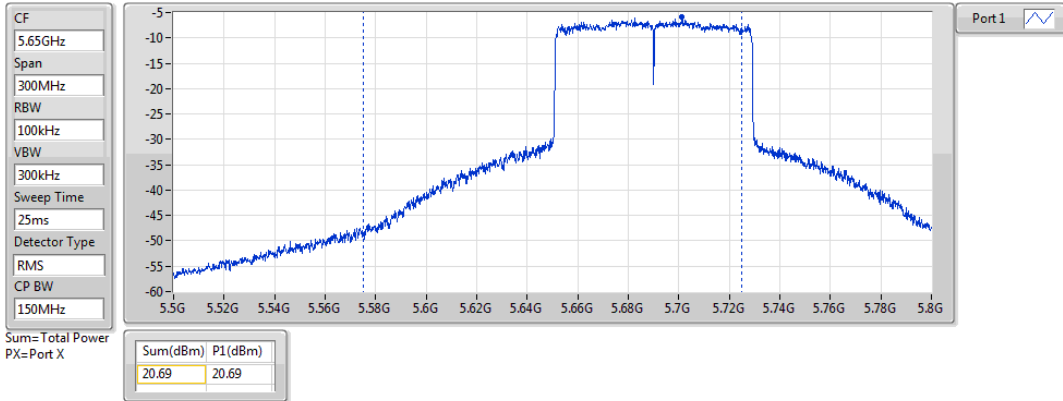


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz

06/01/2020

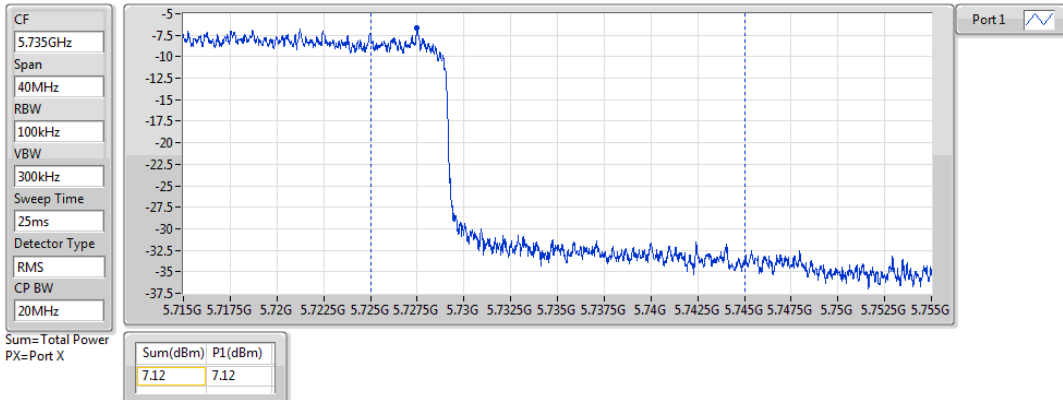


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

06/01/2020



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	18.92	0.07798	26.92	0.49204
802.11ac VHT20_Nss2,(MCS0)_2TX	21.16	0.13062	29.16	0.82414
802.11ac VHT40_Nss2,(MCS0)_2TX	21.08	0.12823	29.08	0.80910
802.11ac VHT80_Nss2,(MCS0)_2TX	16.37	0.04335	24.37	0.27353
802.11ax HEW20_Nss2,(MCS0)_2TX	21.33	0.13583	29.33	0.85704
802.11ax HEW40_Nss2,(MCS0)_2TX	21.41	0.13836	29.41	0.87297
802.11ax HEW80_Nss2,(MCS0)_2TX	16.59	0.04560	24.59	0.28774
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	18.83	0.07638	26.83	0.48195
802.11ac VHT20_Nss2,(MCS0)_2TX	21.05	0.12735	29.05	0.80353
802.11ac VHT40_Nss2,(MCS0)_2TX	21.26	0.13366	29.26	0.84333
802.11ac VHT80_Nss2,(MCS0)_2TX	20.92	0.12359	28.92	0.77983
802.11ax HEW20_Nss2,(MCS0)_2TX	21.34	0.13614	29.34	0.85901
802.11ax HEW40_Nss2,(MCS0)_2TX	21.47	0.14028	29.47	0.88512
802.11ax HEW80_Nss2,(MCS0)_2TX	21.37	0.13709	29.37	0.86497
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	11.64	0.01459	19.64	0.09204
802.11ac VHT20_Nss2,(MCS0)_2TX	14.49	0.02812	22.49	0.17742
802.11ac VHT40_Nss2,(MCS0)_2TX	10.82	0.01208	18.82	0.07621
802.11ac VHT80_Nss2,(MCS0)_2TX	6.97	0.00498	14.97	0.03141
802.11ax HEW20_Nss2,(MCS0)_2TX	15.10	0.03236	23.10	0.20417
802.11ax HEW40_Nss2,(MCS0)_2TX	11.59	0.01442	19.59	0.09099
802.11ax HEW80_Nss2,(MCS0)_2TX	8.04	0.00637	16.04	0.04018

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.00	15.25	15.80	18.54	21.98	26.54	30.00
5300MHz	Pass	8.00	15.58	16.22	18.92	21.98	26.92	30.00
5320MHz	Pass	8.00	15.34	16.02	18.70	21.98	26.70	30.00
5500MHz	Pass	8.00	15.14	16.00	18.60	21.98	26.60	30.00
5580MHz	Pass	8.00	15.42	16.18	18.83	21.98	26.83	30.00
5700MHz	Pass	8.00	14.74	15.49	18.14	21.98	26.14	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	14.47	15.05	17.78	20.94	25.78	28.94
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	8.18	9.04	11.64	28.00	19.64	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.00	17.89	18.38	21.15	21.98	29.15	30.00
5300MHz	Pass	8.00	17.74	18.53	21.16	21.98	29.16	30.00
5320MHz	Pass	8.00	16.17	16.88	19.55	21.98	27.55	30.00
5500MHz	Pass	8.00	16.00	16.92	19.49	21.98	27.49	30.00
5580MHz	Pass	8.00	17.40	18.59	21.05	21.98	29.05	30.00
5700MHz	Pass	8.00	13.43	13.93	16.70	21.98	24.70	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	16.58	17.37	20.00	21.02	28.00	29.02
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	10.97	11.94	14.49	28.00	22.49	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	8.00	17.77	18.35	21.08	21.98	29.08	30.00
5310MHz	Pass	8.00	13.88	14.67	17.30	21.98	25.30	30.00
5510MHz	Pass	8.00	14.67	15.24	17.97	21.98	25.97	30.00
5550MHz	Pass	8.00	17.68	18.75	21.26	21.98	29.26	30.00
5670MHz	Pass	8.00	15.47	16.61	19.09	21.98	27.09	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	17.67	18.57	21.15	21.98	29.15	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	7.33	8.24	10.82	28.00	18.82	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.00	12.98	13.71	16.37	21.98	24.37	30.00
5530MHz	Pass	8.00	13.69	14.68	17.22	21.98	25.22	30.00
5610MHz	Pass	8.00	16.93	17.88	20.44	21.98	28.44	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	17.54	18.25	20.92	21.98	28.92	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	3.32	4.51	6.97	28.00	14.97	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.00	18.13	18.47	21.31	21.98	29.31	30.00
5300MHz	Pass	8.00	17.98	18.63	21.33	21.98	29.33	30.00
5320MHz	Pass	8.00	16.37	17.01	19.71	21.98	27.71	30.00
5500MHz	Pass	8.00	16.27	16.96	19.64	21.98	27.64	30.00
5580MHz	Pass	8.00	17.80	18.81	21.34	21.98	29.34	30.00
5700MHz	Pass	8.00	13.78	14.36	17.09	21.98	25.09	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	16.84	17.66	20.28	20.91	28.28	28.91
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	11.70	12.44	15.10	28.00	23.10	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	8.00	18.07	18.71	21.41	21.98	29.41	30.00
5310MHz	Pass	8.00	14.14	14.86	17.53	21.98	25.53	30.00



**Average Power_Non-Beamforming_Sample 2_Radio
1_Omni_2T2S**

Appendix B.6

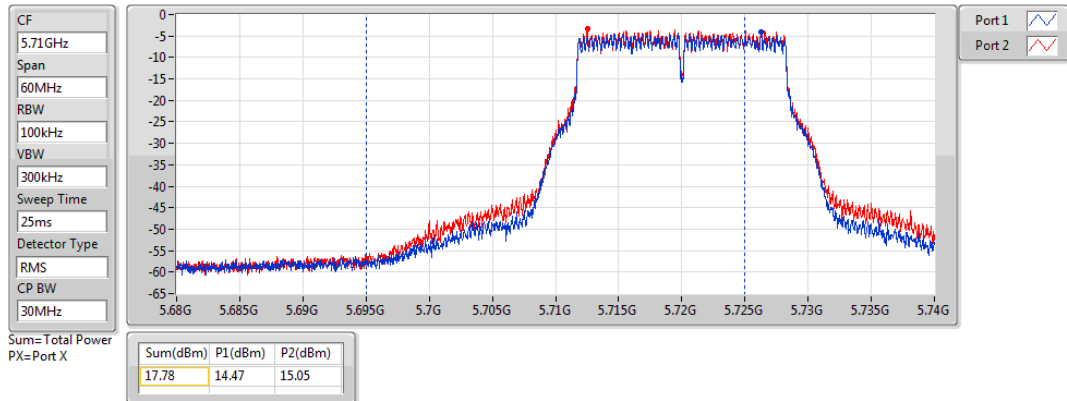
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5510MHz	Pass	8.00	14.83	15.52	18.20	21.98	26.20	30.00
5550MHz	Pass	8.00	17.96	18.90	21.47	21.98	29.47	30.00
5670MHz	Pass	8.00	15.76	16.83	19.34	21.98	27.34	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	17.97	18.71	21.37	21.98	29.37	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	8.05	9.06	11.59	28.00	19.59	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.00	13.20	13.92	16.59	21.98	24.59	30.00
5530MHz	Pass	8.00	14.01	14.96	17.52	21.98	25.52	30.00
5610MHz	Pass	8.00	17.30	18.19	20.78	21.98	28.78	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	17.93	18.75	21.37	21.98	29.37	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	4.40	5.58	8.04	28.00	16.04	36.00

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

802.11a_Nss1,(6Mbps)_2TX

AV Power

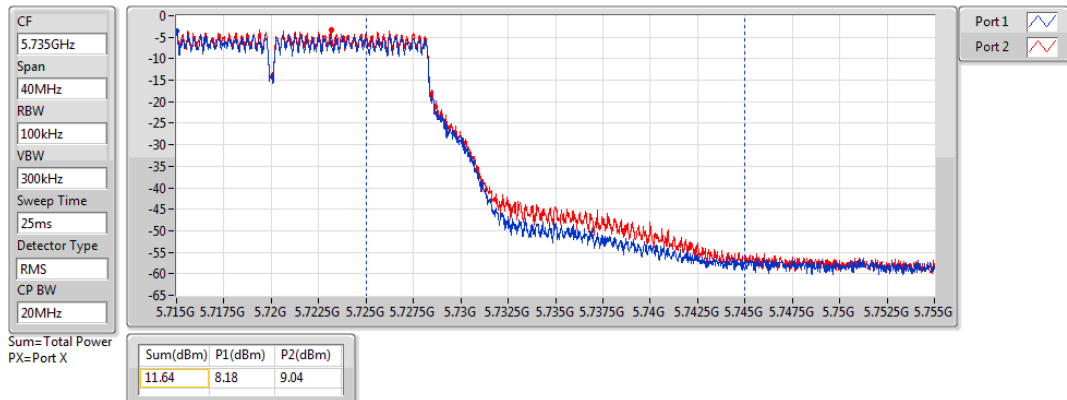
5720MHz Straddle 5.47-5.725GHz



802.11a_Nss1,(6Mbps)_2TX

AV Power

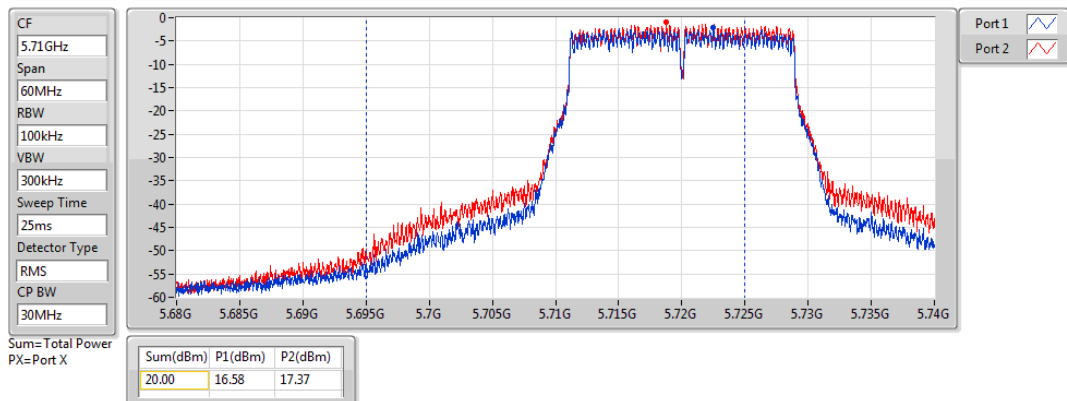
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

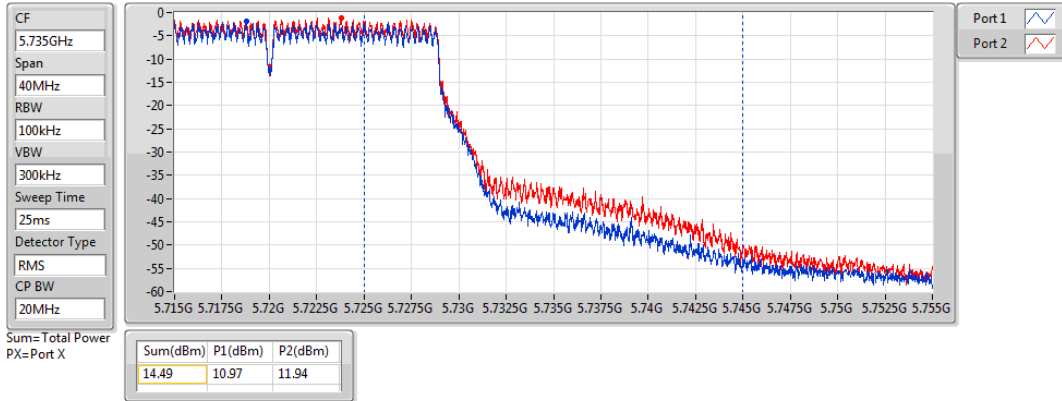


802.11ac VHT20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

06/01/2020

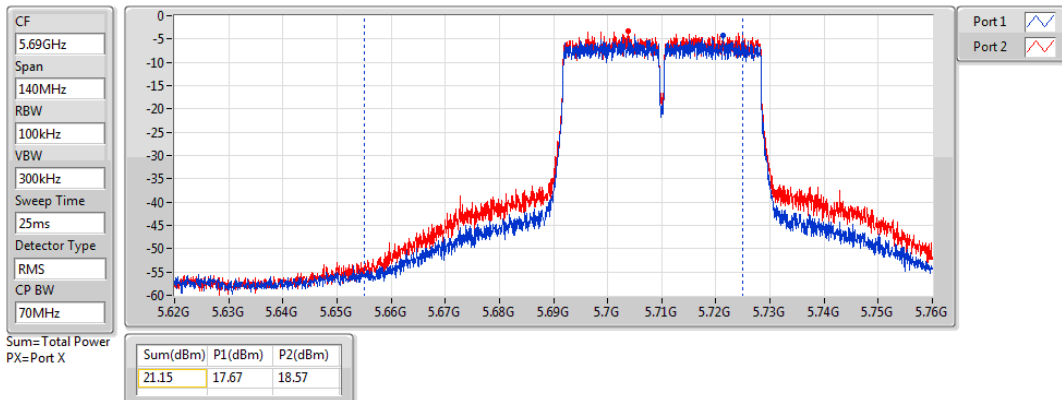


802.11ac VHT40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

06/01/2020

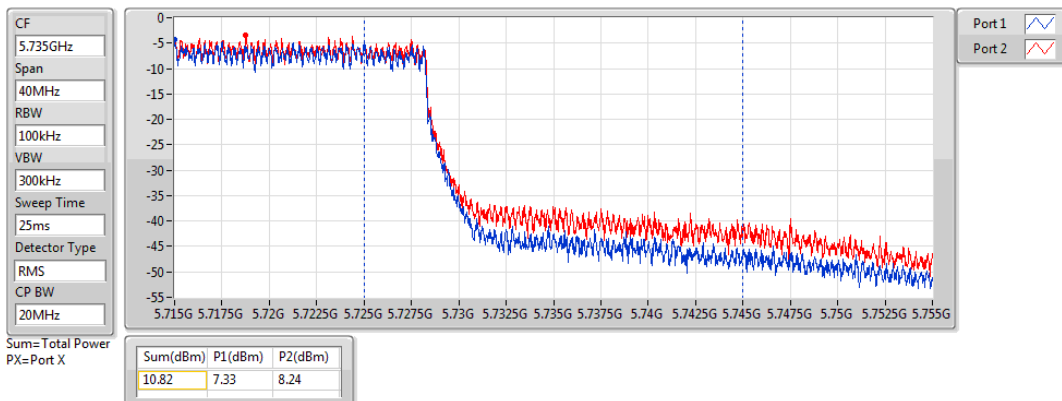


802.11ac VHT40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

06/01/2020



802.11ac VHT80_Nss2,(MCS0)_2TX

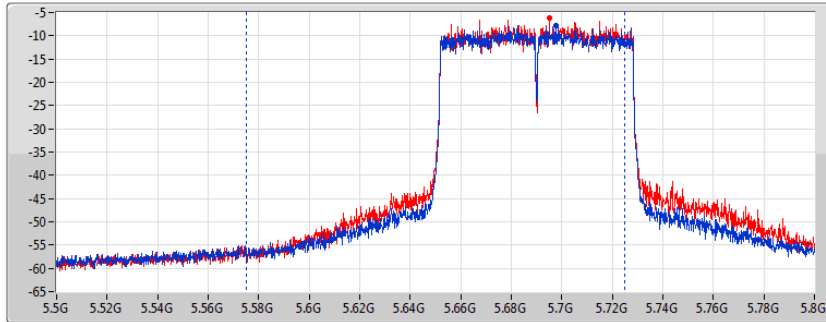
AV Power

5690MHz Straddle 5.47-5.725GHz

06/01/2020

CF
5.65GHz
Span
300MHz
RBW
100kHz
VBW
300kHz
Sweep Time
25ms
Detector Type
RMS
CP BW
150MHz

Sum=Total Power
PX=Port X



Port 1
Port 2

Sum(dBm)	P1(dBm)	P2(dBm)
20.92	17.54	18.25

802.11ac VHT80_Nss2,(MCS0)_2TX

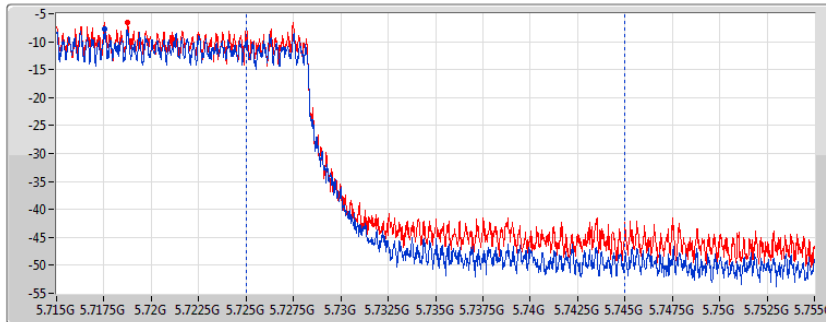
AV Power

5690MHz Straddle 5.725-5.85GHz

06/01/2020

CF
5.735GHz
Span
40MHz
RBW
100kHz
VBW
300kHz
Sweep Time
25ms
Detector Type
RMS
CP BW
20MHz

Sum=Total Power
PX=Port X



Port 1
Port 2

Sum(dBm)	P1(dBm)	P2(dBm)
6.97	3.32	4.51

802.11ax HEW20_Nss2,(MCS0)_2TX

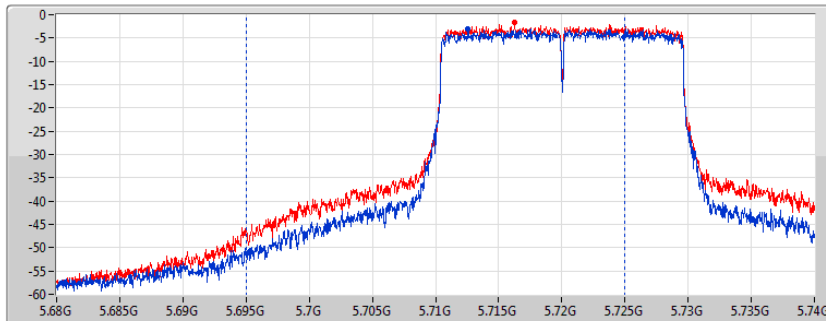
AV Power

5720MHz Straddle 5.47-5.725GHz

06/01/2020

CF
5.71GHz
Span
60MHz
RBW
100kHz
VBW
300kHz
Sweep Time
25ms
Detector Type
RMS
CP BW
30MHz

Sum=Total Power
PX=Port X



Port 1
Port 2

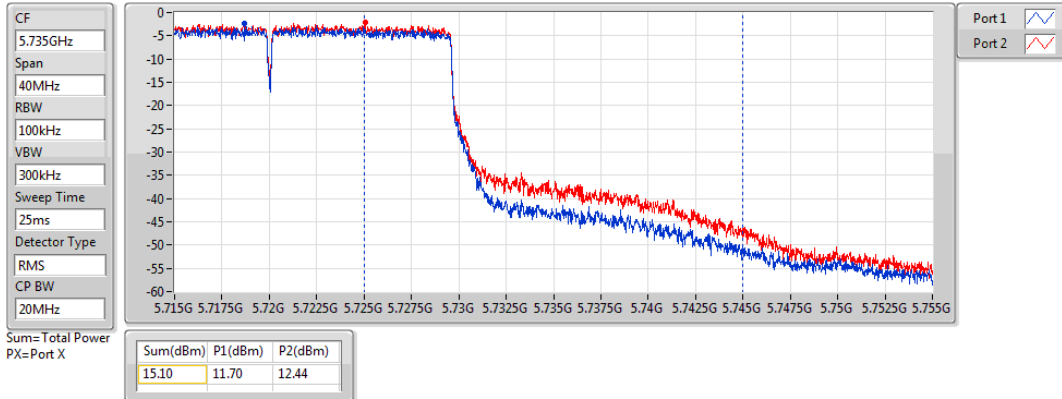
Sum(dBm)	P1(dBm)	P2(dBm)
20.28	16.84	17.66

802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

06/01/2020

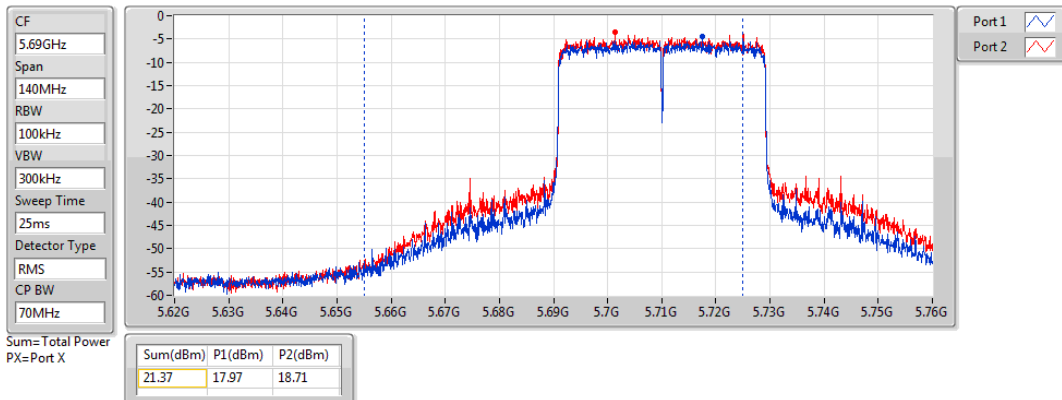


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

06/01/2020

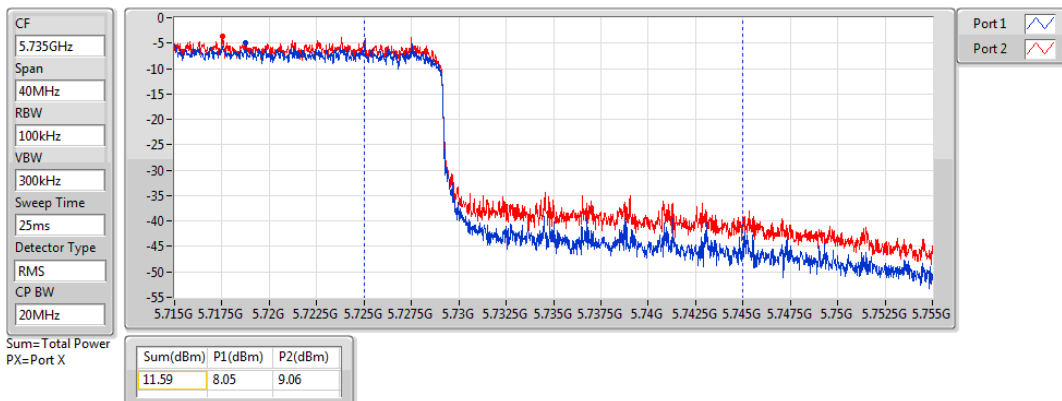


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

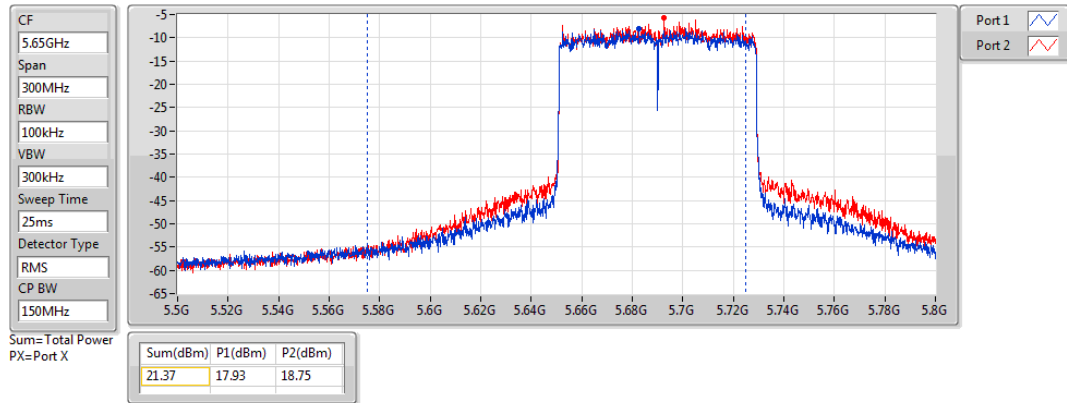
06/01/2020



802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

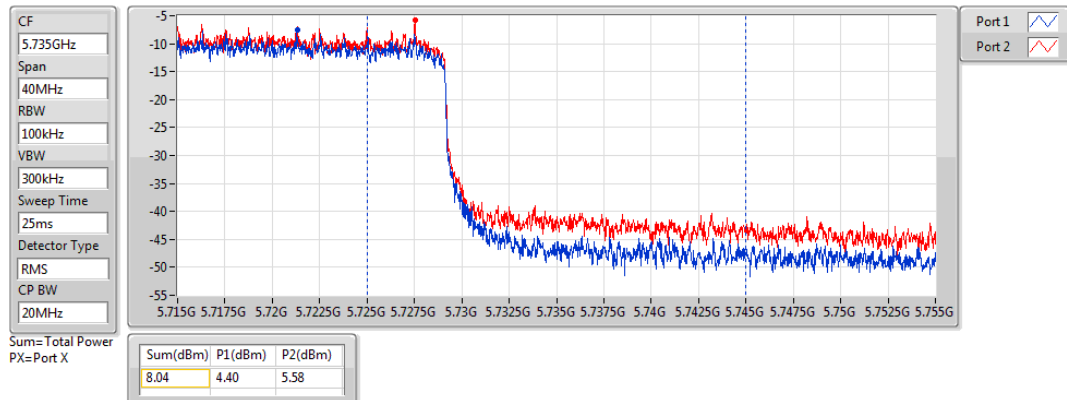
5690MHz Straddle 5.47-5.725GHz



802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz





Average Power_Non-Beamforming_Sample 2_Radio 1_Panel 1_1T1S

Appendix B.7

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	18.78	0.07551	29.48	0.88716
802.11ac VHT20_Nss1,(MCS0)_1TX	18.54	0.07145	29.24	0.83946
802.11ac VHT40_Nss1,(MCS0)_1TX	18.66	0.07345	29.36	0.86298
802.11ac VHT80_Nss1,(MCS0)_1TX	15.15	0.03273	25.85	0.38459
802.11ax HEW20_Nss1,(MCS0)_1TX	18.71	0.07430	29.41	0.87297
802.11ax HEW40_Nss1,(MCS0)_1TX	18.75	0.07499	29.45	0.88105
802.11ax HEW80_Nss1,(MCS0)_1TX	15.36	0.03436	26.06	0.40365
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	18.56	0.07178	29.26	0.84333
802.11ac VHT20_Nss1,(MCS0)_1TX	18.25	0.06683	28.95	0.78524
802.11ac VHT40_Nss1,(MCS0)_1TX	18.69	0.07396	29.39	0.86896
802.11ac VHT80_Nss1,(MCS0)_1TX	18.40	0.06918	29.10	0.81283
802.11ax HEW20_Nss1,(MCS0)_1TX	18.63	0.07295	29.33	0.85704
802.11ax HEW40_Nss1,(MCS0)_1TX	18.74	0.07482	29.44	0.87902
802.11ax HEW80_Nss1,(MCS0)_1TX	18.70	0.07413	29.40	0.87096
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	11.67	0.01469	22.37	0.17258
802.11ac VHT20_Nss1,(MCS0)_1TX	11.93	0.01560	22.63	0.18323
802.11ac VHT40_Nss1,(MCS0)_1TX	8.10	0.00646	18.80	0.07586
802.11ac VHT80_Nss1,(MCS0)_1TX	4.30	0.00269	15.00	0.03162
802.11ax HEW20_Nss1,(MCS0)_1TX	12.26	0.01683	22.96	0.19770
802.11ax HEW40_Nss1,(MCS0)_1TX	8.87	0.00771	19.57	0.09057
802.11ax HEW80_Nss1,(MCS0)_1TX	5.25	0.00335	15.95	0.03936

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	10.70	18.78	18.78	19.28	29.48	30.00
5300MHz	Pass	10.70	18.66	18.66	19.28	29.36	30.00
5320MHz	Pass	10.70	17.30	17.30	19.28	28.00	30.00
5500MHz	Pass	10.70	17.09	17.09	19.28	27.79	30.00
5580MHz	Pass	10.70	18.56	18.56	19.28	29.26	30.00
5700MHz	Pass	10.70	17.00	17.00	19.28	27.70	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	17.73	17.73	18.25	28.43	28.95
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	11.67	11.67	25.30	22.37	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	10.70	18.25	18.25	19.28	28.95	30.00
5300MHz	Pass	10.70	18.54	18.54	19.28	29.24	30.00
5320MHz	Pass	10.70	17.39	17.39	19.28	28.09	30.00
5500MHz	Pass	10.70	17.59	17.59	19.28	28.29	30.00
5580MHz	Pass	10.70	18.25	18.25	19.28	28.95	30.00
5700MHz	Pass	10.70	14.81	14.81	19.28	25.51	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	17.51	17.51	18.24	28.21	28.94
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	11.93	11.93	25.30	22.63	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	10.70	18.66	18.66	19.28	29.36	30.00
5310MHz	Pass	10.70	15.26	15.26	19.28	25.96	30.00
5510MHz	Pass	10.70	15.56	15.56	19.28	26.26	30.00
5550MHz	Pass	10.70	18.38	18.38	19.28	29.08	30.00
5670MHz	Pass	10.70	18.69	18.69	19.28	29.39	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	18.42	18.42	19.28	29.12	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	8.10	8.10	25.30	18.80	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	10.70	15.15	15.15	19.28	25.85	30.00
5530MHz	Pass	10.70	15.99	15.99	19.28	26.69	30.00
5610MHz	Pass	10.70	18.02	18.02	19.28	28.72	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	18.40	18.40	19.28	29.10	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	4.30	4.30	25.30	15.00	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	10.70	18.60	18.60	19.28	29.30	30.00
5300MHz	Pass	10.70	18.71	18.71	19.28	29.41	30.00
5320MHz	Pass	10.70	17.59	17.59	19.28	28.29	30.00
5500MHz	Pass	10.70	17.81	17.81	19.28	28.51	30.00
5580MHz	Pass	10.70	18.63	18.63	19.28	29.33	30.00
5700MHz	Pass	10.70	15.16	15.16	19.28	25.86	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	17.58	17.58	18.30	28.28	29.00
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	12.26	12.26	25.30	22.96	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	10.70	18.75	18.75	19.28	29.45	30.00
5310MHz	Pass	10.70	15.48	15.48	19.28	26.18	30.00



**Average Power_Non-Beamforming_Sample 2_Radio 1_Panel
1_1T1S**

Appendix B.7

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5510MHz	Pass	10.70	15.79	15.79	19.28	26.49	30.00
5550MHz	Pass	10.70	18.70	18.70	19.28	29.40	30.00
5670MHz	Pass	10.70	18.74	18.74	19.28	29.44	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	18.57	18.57	19.28	29.27	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	8.87	8.87	25.30	19.57	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	10.70	15.36	15.36	19.28	26.06	30.00
5530MHz	Pass	10.70	16.25	16.25	19.28	26.95	30.00
5610MHz	Pass	10.70	18.13	18.13	19.28	28.83	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	18.70	18.70	19.28	29.40	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	5.25	5.25	25.30	15.95	36.00

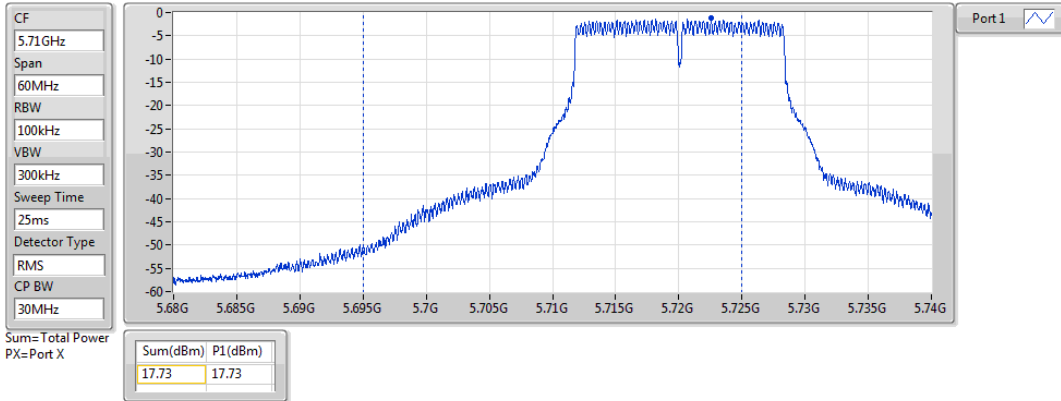
DG = Directional Gain; **Port X** = Port X output power

802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

09/01/2020

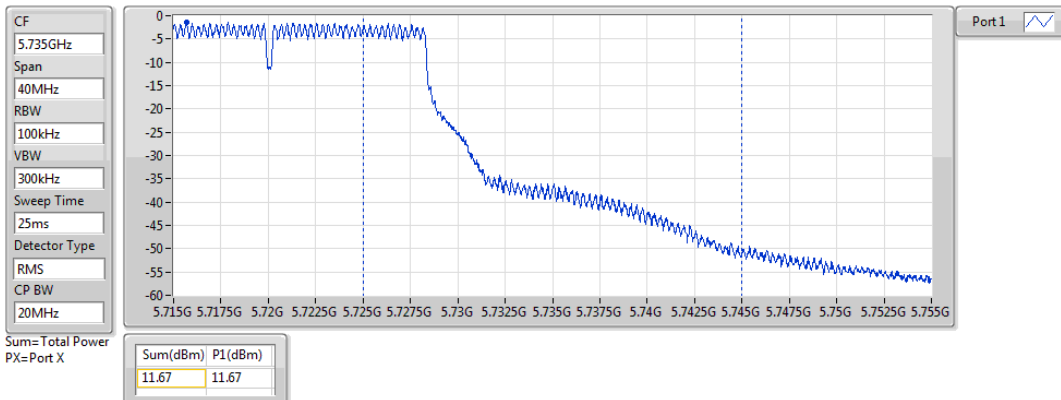


802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

09/01/2020

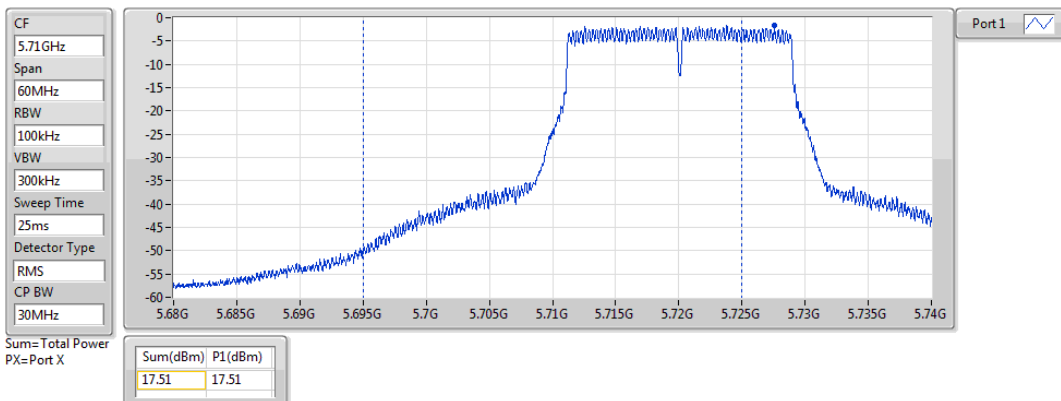


802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

09/01/2020

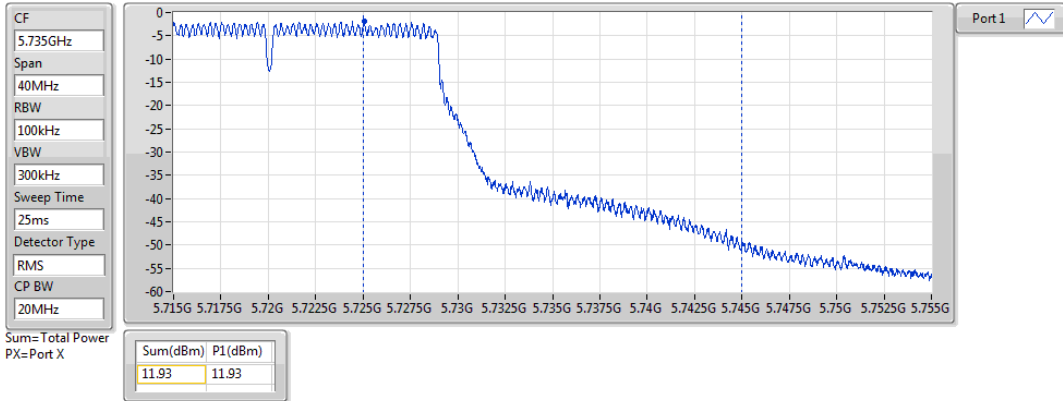


802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

09/01/2020

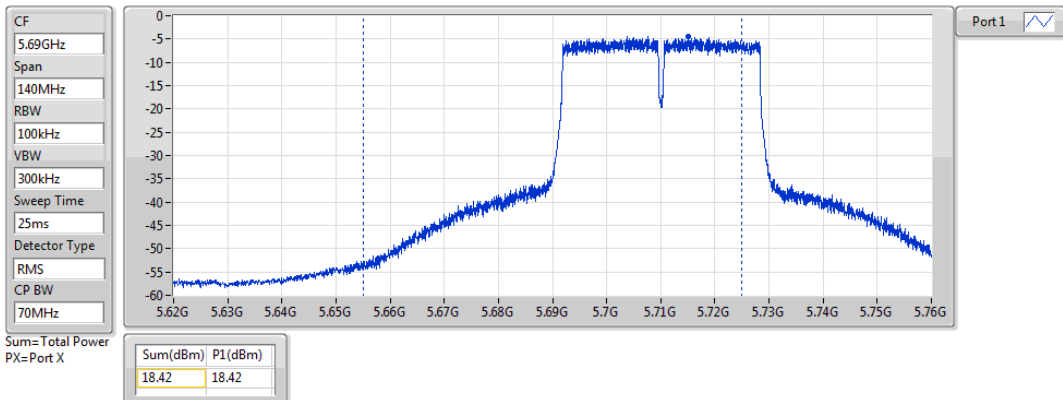


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

09/01/2020

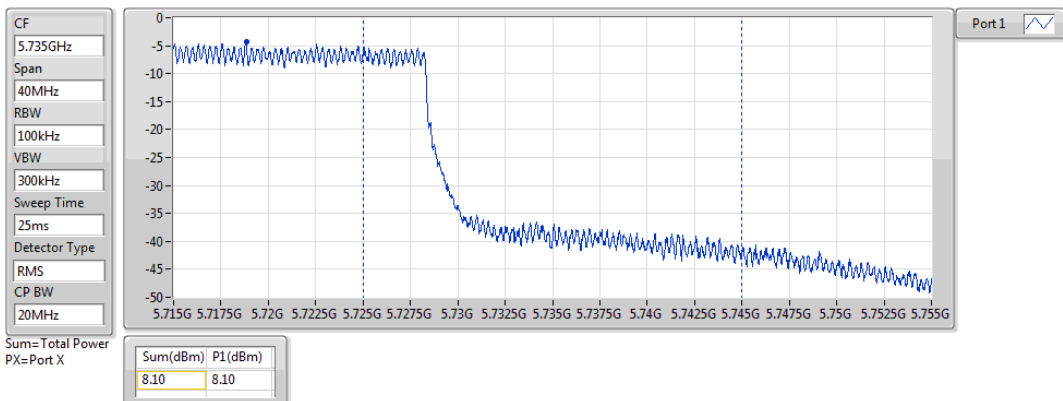


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

09/01/2020

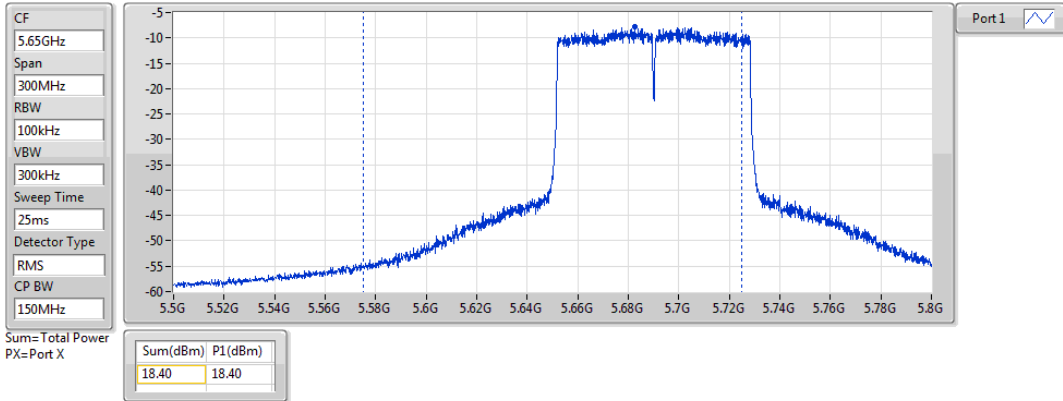


802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz

09/01/2020

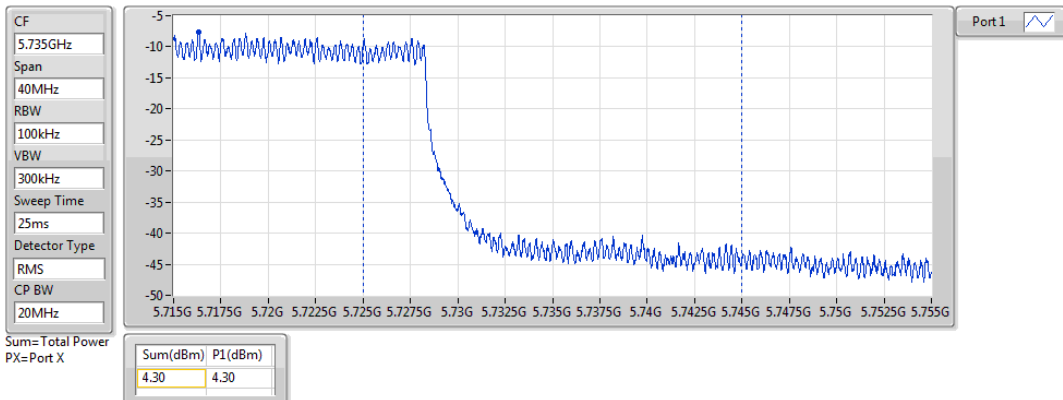


802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

09/01/2020

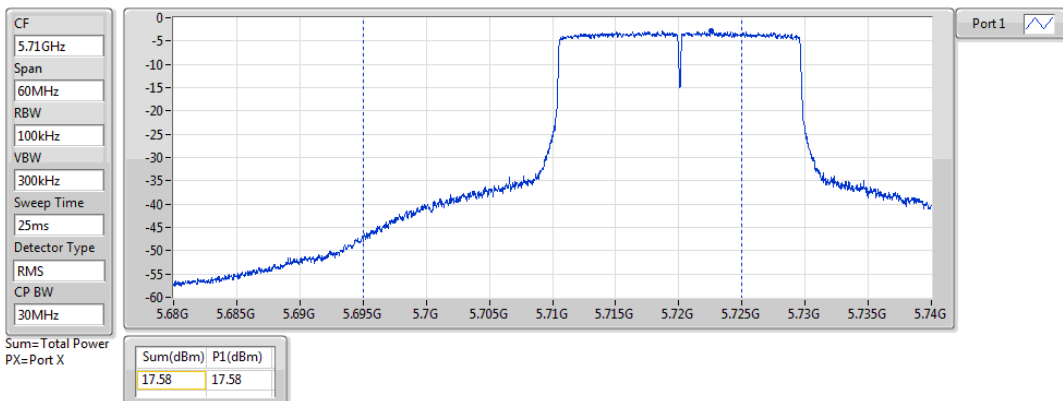


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

09/01/2020

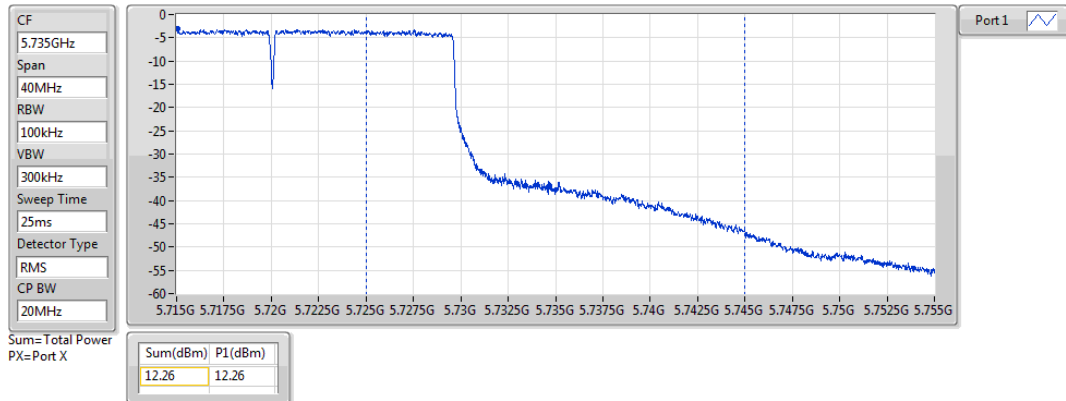


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

09/01/2020

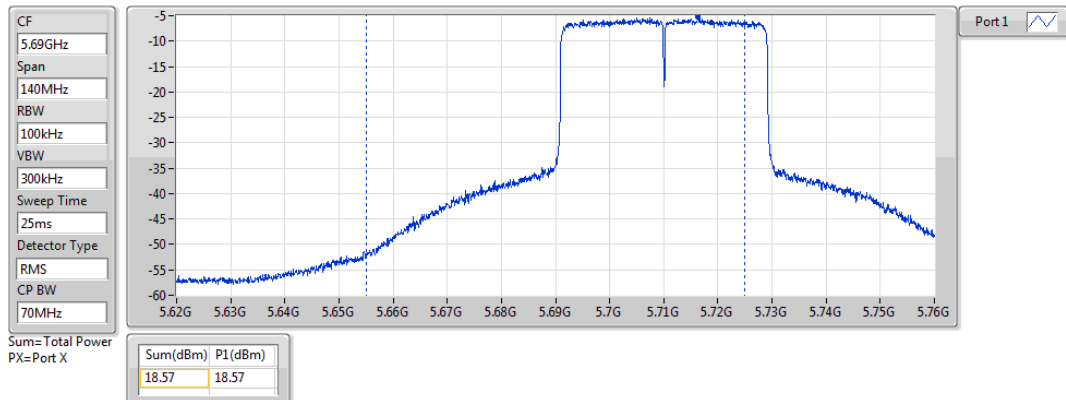


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

09/01/2020

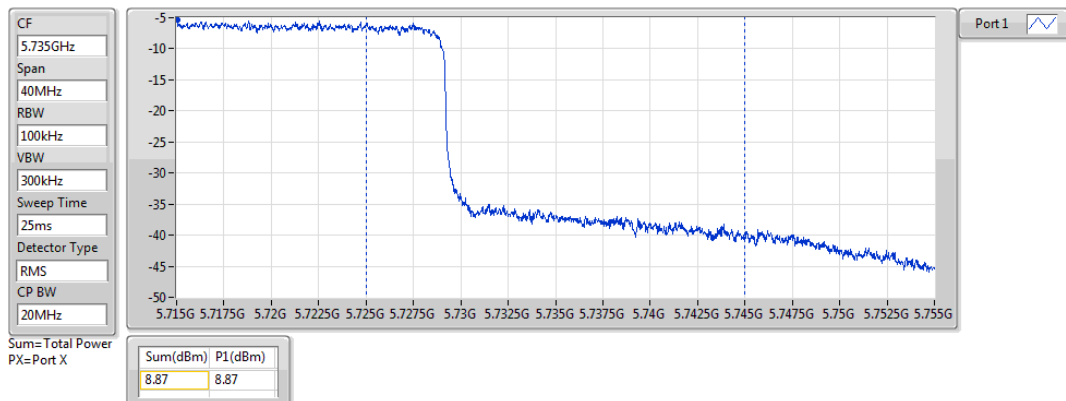


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

09/01/2020



802.11ax HEW80_Nss1,(MCS0)_1TX

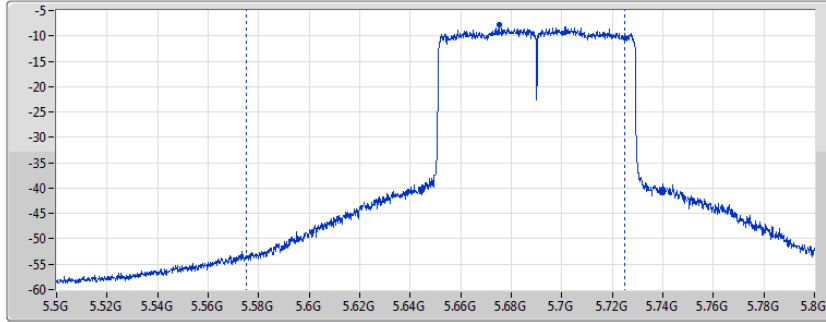
AV Power

5690MHz Straddle 5.47-5.725GHz

09/01/2020

CF
5.65GHz
Span
300MHz
RBW
100kHz
VBW
300kHz
Sweep Time
25ms
Detector Type
RMS
CP BW
150MHz

Sum=Total Power
PX=Port X



Port 1

Sum(dBm)	P1(dBm)
18.70	18.70

802.11ax HEW80_Nss1,(MCS0)_1TX

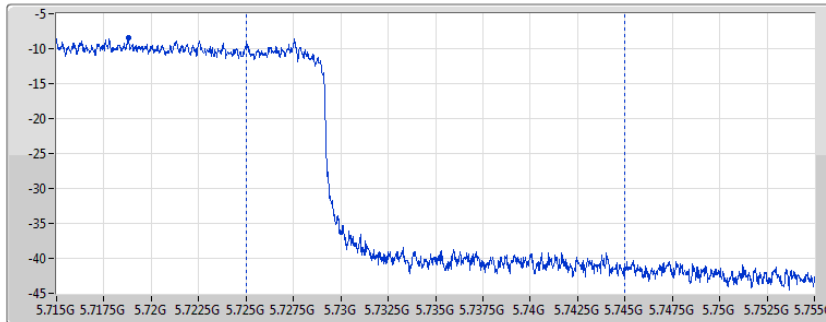
AV Power

5690MHz Straddle 5.725-5.85GHz

09/01/2020

CF
5.735GHz
Span
40MHz
RBW
100kHz
VBW
300kHz
Sweep Time
25ms
Detector Type
RMS
CP BW
20MHz

Sum=Total Power
PX=Port X



Port 1

Sum(dBm)	P1(dBm)
5.25	5.25

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.84	0.04831	27.54	0.56754
802.11ac VHT20_Nss2,(MCS0)_2TX	18.33	0.06808	29.03	0.79983
802.11ac VHT40_Nss2,(MCS0)_2TX	18.22	0.06637	28.92	0.77983
802.11ac VHT80_Nss2,(MCS0)_2TX	16.80	0.04786	27.50	0.56234
802.11ax HEW20_Nss2,(MCS0)_2TX	18.74	0.07482	29.44	0.87902
802.11ax HEW40_Nss2,(MCS0)_2TX	18.62	0.07278	29.32	0.85507
802.11ax HEW80_Nss2,(MCS0)_2TX	17.08	0.05105	27.78	0.59979
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.80	0.04786	27.50	0.56234
802.11ac VHT20_Nss2,(MCS0)_2TX	18.58	0.07211	29.28	0.84723
802.11ac VHT40_Nss2,(MCS0)_2TX	18.51	0.07096	29.21	0.83368
802.11ac VHT80_Nss2,(MCS0)_2TX	18.39	0.06902	29.09	0.81096
802.11ax HEW20_Nss2,(MCS0)_2TX	18.77	0.07534	29.47	0.88512
802.11ax HEW40_Nss2,(MCS0)_2TX	18.73	0.07464	29.43	0.87700
802.11ax HEW80_Nss2,(MCS0)_2TX	18.71	0.07430	29.41	0.87297
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	9.22	0.00836	19.92	0.09817
802.11ac VHT20_Nss2,(MCS0)_2TX	12.00	0.01585	22.70	0.18621
802.11ac VHT40_Nss2,(MCS0)_2TX	8.03	0.00635	18.73	0.07464
802.11ac VHT80_Nss2,(MCS0)_2TX	4.56	0.00286	15.26	0.03357
802.11ax HEW20_Nss2,(MCS0)_2TX	12.63	0.01832	23.33	0.21528
802.11ax HEW40_Nss2,(MCS0)_2TX	9.07	0.00807	19.77	0.09484
802.11ax HEW80_Nss2,(MCS0)_2TX	5.44	0.00350	16.14	0.04111

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	10.70	13.69	13.85	16.78	19.28	27.48	30.00
5300MHz	Pass	10.70	13.67	13.80	16.75	19.28	27.45	30.00
5320MHz	Pass	10.70	13.62	14.03	16.84	19.28	27.54	30.00
5500MHz	Pass	10.70	14.03	13.53	16.80	19.28	27.50	30.00
5580MHz	Pass	10.70	13.54	13.65	16.61	19.28	27.31	30.00
5700MHz	Pass	10.70	13.75	13.70	16.74	19.28	27.44	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	12.21	12.06	15.15	18.19	25.85	28.89
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	6.34	6.07	9.22	25.30	19.92	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	10.70	15.22	15.41	18.33	19.28	29.03	30.00
5300MHz	Pass	10.70	14.99	15.52	18.27	19.28	28.97	30.00
5320MHz	Pass	10.70	14.61	15.56	18.12	19.28	28.82	30.00
5500MHz	Pass	10.70	15.44	15.11	18.29	19.28	28.99	30.00
5580MHz	Pass	10.70	15.28	15.34	18.32	19.28	29.02	30.00
5700MHz	Pass	10.70	15.50	15.63	18.58	19.28	29.28	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	14.51	14.40	17.47	18.24	28.17	28.94
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	8.94	9.03	12.00	25.30	22.70	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	10.70	15.13	15.29	18.22	19.28	28.92	30.00
5310MHz	Pass	10.70	14.69	14.88	17.80	19.28	28.50	30.00
5510MHz	Pass	10.70	15.55	15.44	18.51	19.28	29.21	30.00
5550MHz	Pass	10.70	15.32	15.59	18.47	19.28	29.17	30.00
5670MHz	Pass	10.70	15.30	15.33	18.33	19.28	29.03	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	15.40	15.21	18.32	19.28	29.02	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	5.03	5.00	8.03	25.30	18.73	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	10.70	13.66	13.92	16.80	19.28	27.50	30.00
5530MHz	Pass	10.70	14.80	14.80	17.81	19.28	28.51	30.00
5610MHz	Pass	10.70	15.21	15.54	18.39	19.28	29.09	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	15.25	15.49	18.38	19.28	29.08	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	1.20	1.87	4.56	25.30	15.26	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	10.70	15.49	15.71	18.61	19.28	29.31	30.00
5300MHz	Pass	10.70	15.58	15.87	18.74	19.28	29.44	30.00
5320MHz	Pass	10.70	15.32	15.78	18.57	19.28	29.27	30.00
5500MHz	Pass	10.70	15.84	15.48	18.67	19.28	29.37	30.00
5580MHz	Pass	10.70	15.62	15.62	18.63	19.28	29.33	30.00
5700MHz	Pass	10.70	15.71	15.81	18.77	19.28	29.47	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	14.67	14.70	17.70	18.21	28.40	28.91
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	9.61	9.62	12.63	25.30	23.33	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	10.70	15.55	15.67	18.62	19.28	29.32	30.00
5310MHz	Pass	10.70	14.98	15.01	18.01	19.28	28.71	30.00



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

Appendix B.8

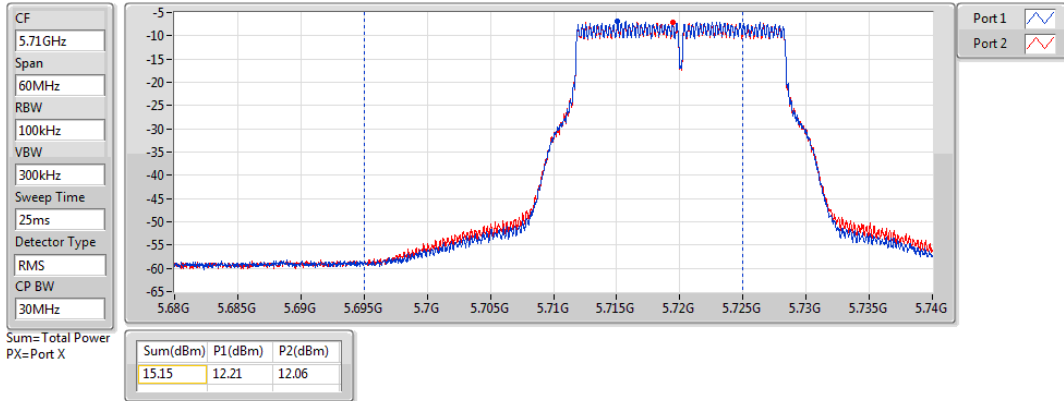
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5510MHz	Pass	10.70	15.76	15.63	18.71	19.28	29.41	30.00
5550MHz	Pass	10.70	15.61	15.70	18.67	19.28	29.37	30.00
5670MHz	Pass	10.70	15.64	15.59	18.63	19.28	29.33	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	15.83	15.61	18.73	19.28	29.43	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	6.10	6.02	9.07	25.30	19.77	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	10.70	13.88	14.26	17.08	19.28	27.78	30.00
5530MHz	Pass	10.70	15.02	15.07	18.06	19.28	28.76	30.00
5610MHz	Pass	10.70	15.44	15.94	18.71	19.28	29.41	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	15.57	15.77	18.68	19.28	29.38	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	2.19	2.65	5.44	25.30	16.14	36.00

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

802.11a_Nss1,(6Mbps)_2TX

AV Power

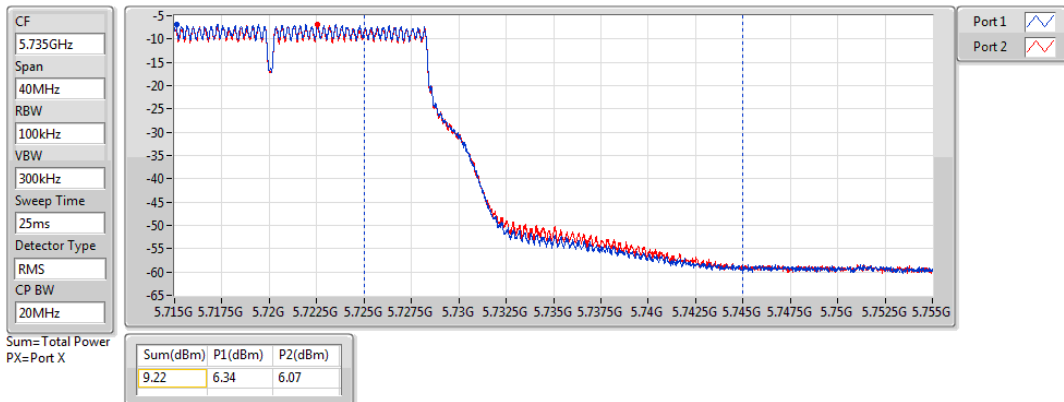
5720MHz Straddle 5.47-5.725GHz



802.11a_Nss1,(6Mbps)_2TX

AV Power

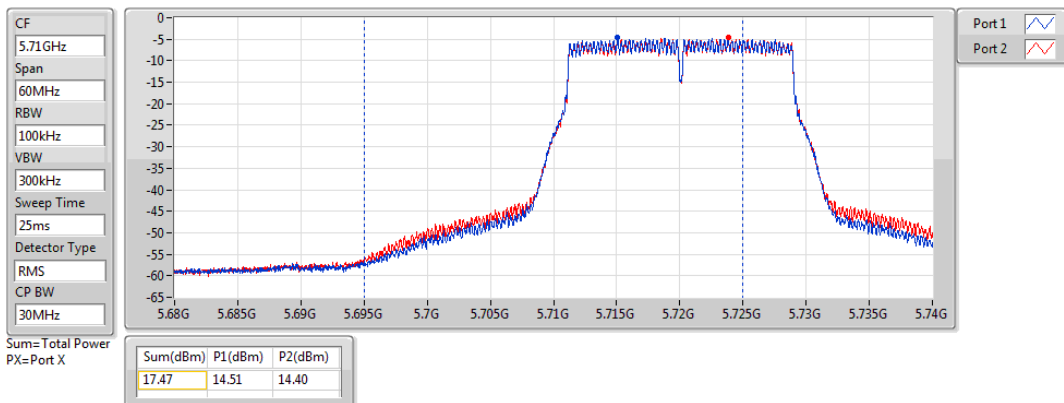
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20_Nss2,(MCS0)_2TX

AV Power

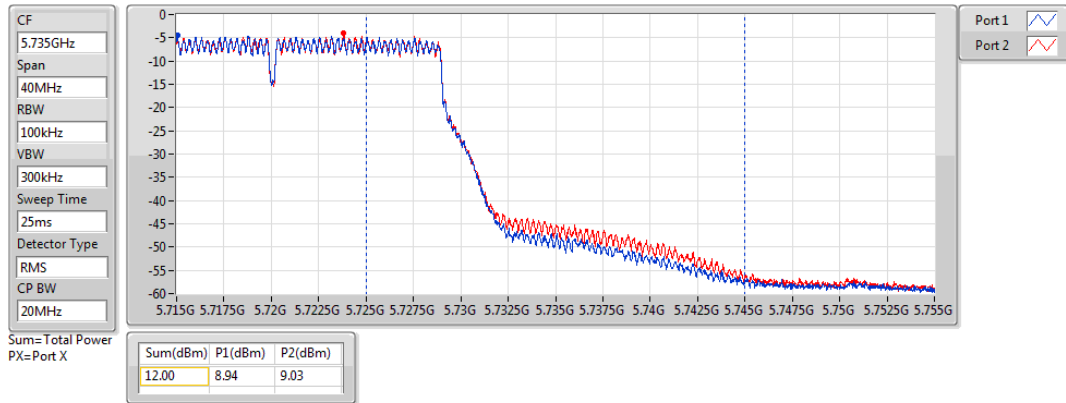
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20_Nss2,(MCS0)_2TX

AV Power

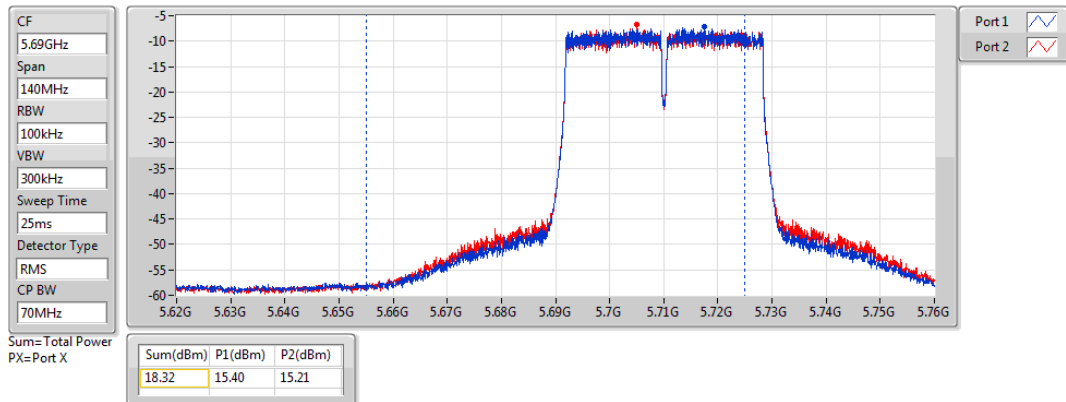
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT40_Nss2,(MCS0)_2TX

AV Power

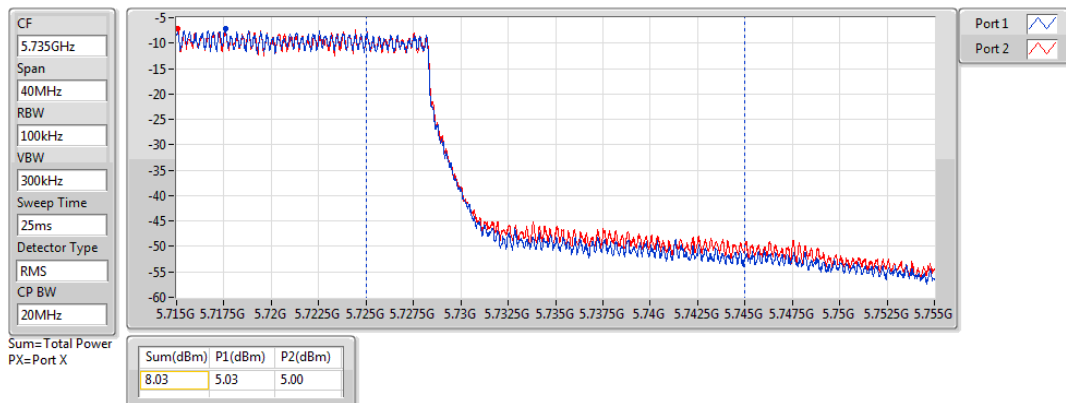
5710MHz Straddle 5.47-5.725GHz



802.11ac VHT40_Nss2,(MCS0)_2TX

AV Power

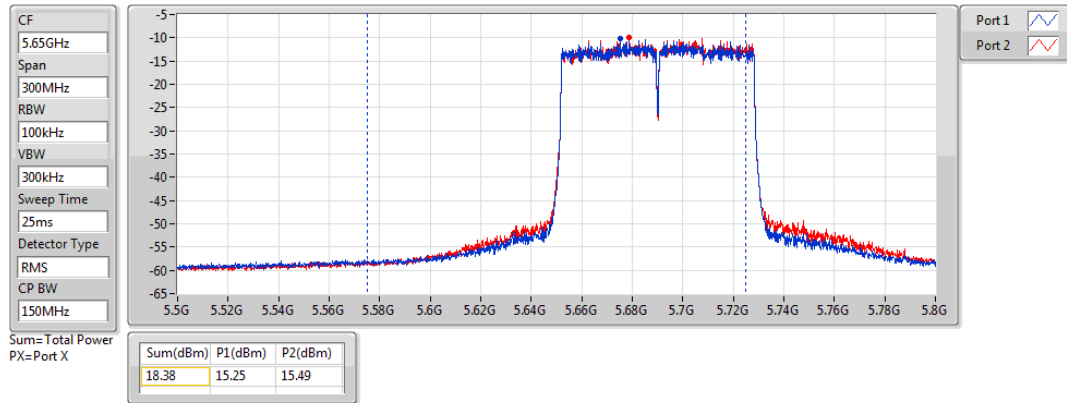
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT80_Nss2,(MCS0)_2TX

AV Power

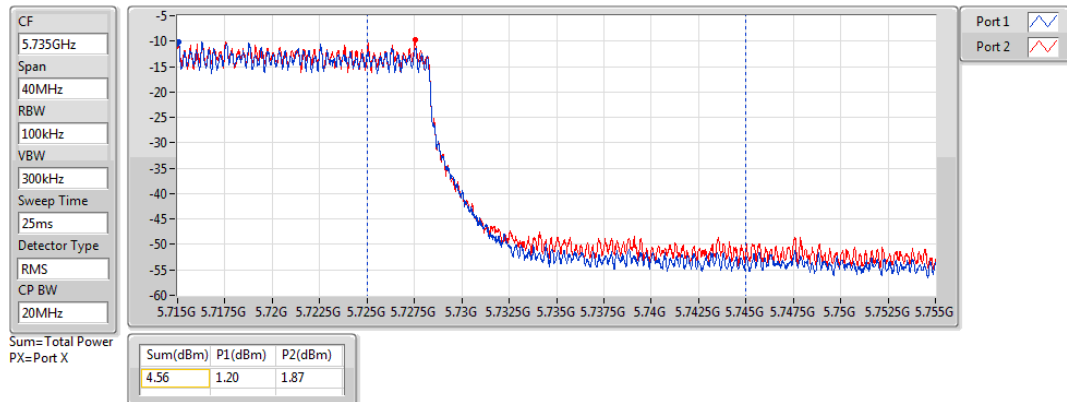
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss2,(MCS0)_2TX

AV Power

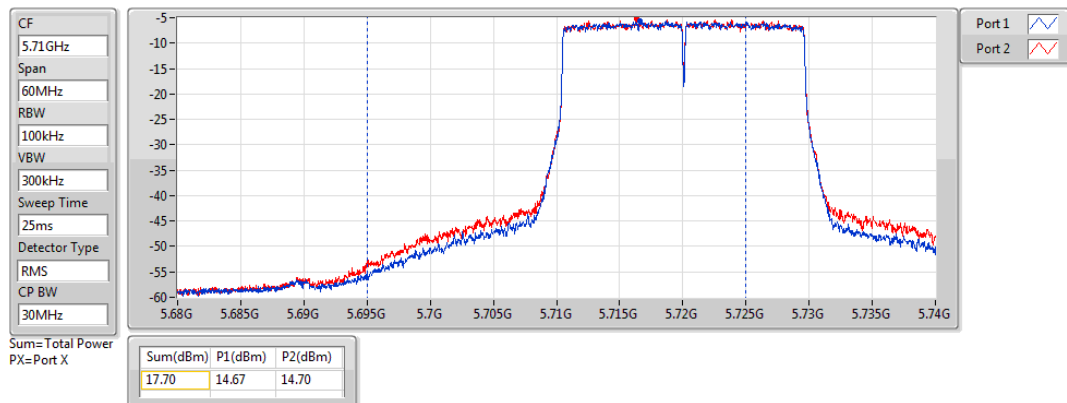
5690MHz Straddle 5.725-5.85GHz



802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

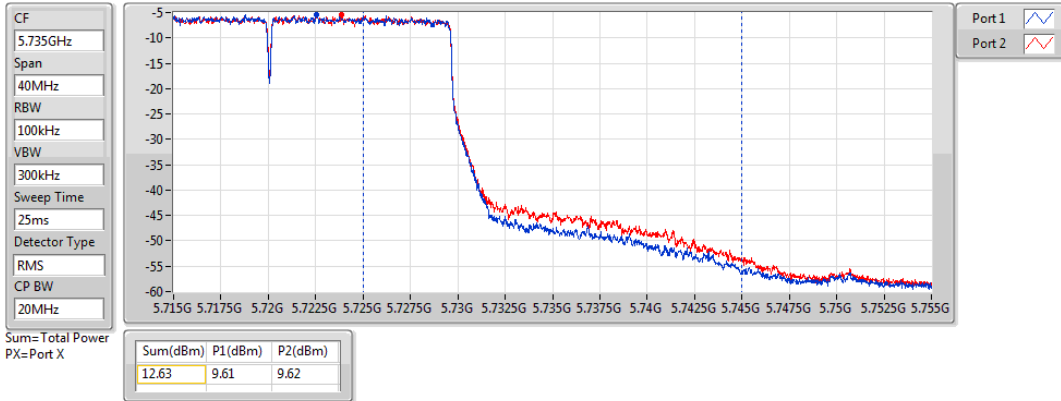


802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

09/01/2020

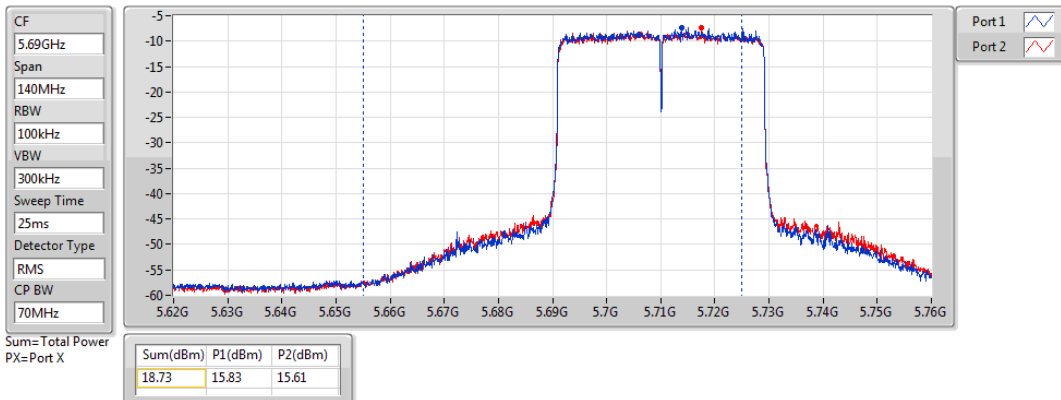


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

10/01/2020

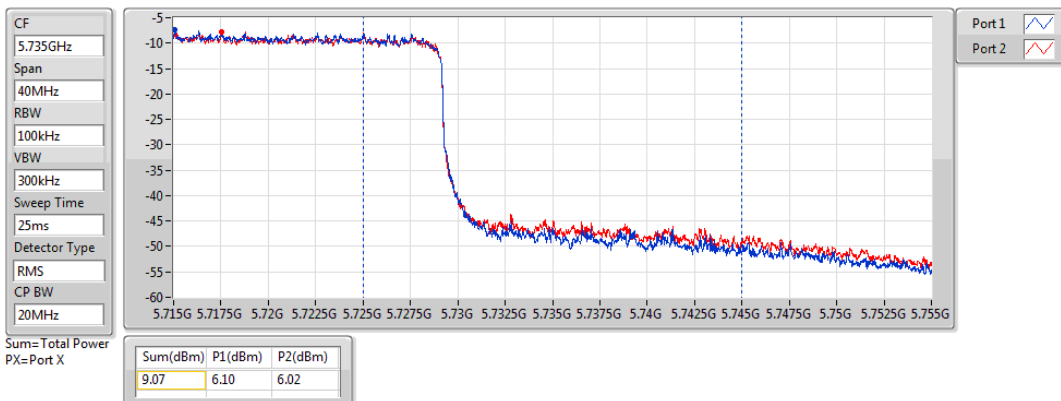


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

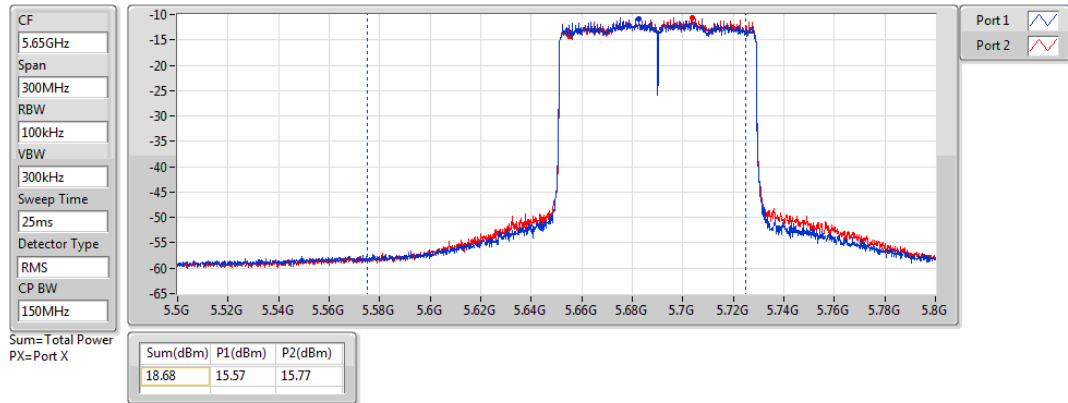
10/01/2020



802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

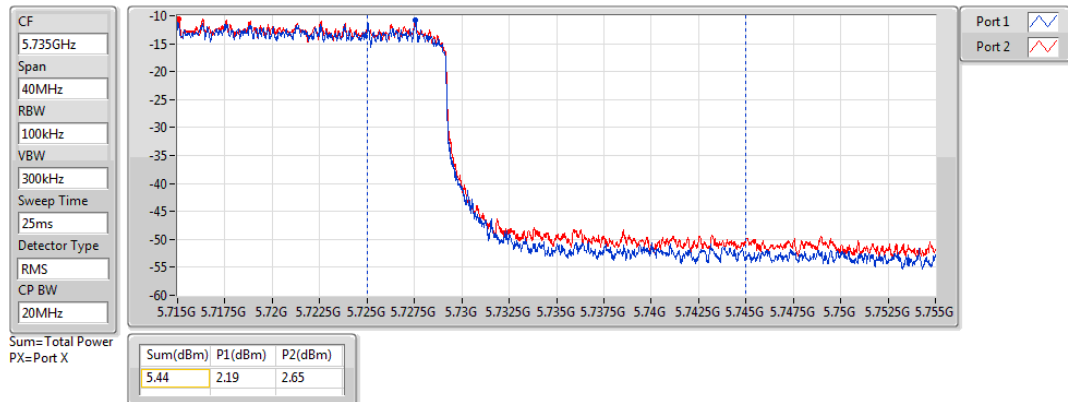
5690MHz Straddle 5.47-5.725GHz



802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.46	0.13996	29.46	0.88308
802.11ac VHT20_Nss1,(MCS0)_1TX	21.17	0.13092	29.17	0.82604
802.11ac VHT40_Nss1,(MCS0)_1TX	20.58	0.11429	28.58	0.72111
802.11ac VHT80_Nss1,(MCS0)_1TX	15.48	0.03532	23.48	0.22284
802.11ax HEW20_Nss1,(MCS0)_1TX	21.42	0.13868	29.42	0.87498
802.11ax HEW40_Nss1,(MCS0)_1TX	20.70	0.11749	28.70	0.74131
802.11ax HEW80_Nss1,(MCS0)_1TX	15.62	0.03648	23.62	0.23014
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.37	0.13709	29.37	0.86497
802.11ac VHT20_Nss1,(MCS0)_1TX	21.29	0.13459	29.29	0.84918
802.11ac VHT40_Nss1,(MCS0)_1TX	21.22	0.13243	29.22	0.83560
802.11ac VHT80_Nss1,(MCS0)_1TX	21.25	0.13335	29.25	0.84140
802.11ax HEW20_Nss1,(MCS0)_1TX	21.47	0.14028	29.47	0.88512
802.11ax HEW40_Nss1,(MCS0)_1TX	21.34	0.13614	29.34	0.85901
802.11ax HEW80_Nss1,(MCS0)_1TX	21.49	0.14093	29.49	0.88920
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	14.71	0.02958	22.71	0.18664
802.11ac VHT20_Nss1,(MCS0)_1TX	14.87	0.03069	22.87	0.19364
802.11ac VHT40_Nss1,(MCS0)_1TX	10.83	0.01211	18.83	0.07638
802.11ac VHT80_Nss1,(MCS0)_1TX	6.99	0.00500	14.99	0.03155
802.11ax HEW20_Nss1,(MCS0)_1TX	15.39	0.03459	23.39	0.21827
802.11ax HEW40_Nss1,(MCS0)_1TX	11.59	0.01442	19.59	0.09099
802.11ax HEW80_Nss1,(MCS0)_1TX	7.88	0.00614	15.88	0.03873



Average Power_Non-Beamforming_Sample 2_Radio 2_Omni_1T1S

Appendix B.9

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	8.00	21.46	21.46	21.98	29.46	30.00
5300MHz	Pass	8.00	21.45	21.45	21.98	29.45	30.00
5320MHz	Pass	8.00	18.73	18.73	21.98	26.73	30.00
5500MHz	Pass	8.00	16.65	16.65	21.98	24.65	30.00
5580MHz	Pass	8.00	21.37	21.37	21.98	29.37	30.00
5700MHz	Pass	8.00	16.88	16.88	21.98	24.88	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	20.93	20.93	21.98	28.93	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	14.71	14.71	28.00	22.71	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	8.00	21.17	21.17	21.98	29.17	30.00
5300MHz	Pass	8.00	21.12	21.12	21.98	29.12	30.00
5320MHz	Pass	8.00	17.74	17.74	21.98	25.74	30.00
5500MHz	Pass	8.00	17.01	17.01	21.98	25.01	30.00
5580MHz	Pass	8.00	21.29	21.29	21.98	29.29	30.00
5700MHz	Pass	8.00	14.31	14.31	21.98	22.31	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	20.60	20.60	21.98	28.60	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	14.87	14.87	28.00	22.87	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	8.00	20.58	20.58	21.98	28.58	30.00
5310MHz	Pass	8.00	15.45	15.45	21.98	23.45	30.00
5510MHz	Pass	8.00	15.36	15.36	21.98	23.36	30.00
5550MHz	Pass	8.00	19.85	19.85	21.98	27.85	30.00
5670MHz	Pass	8.00	18.22	18.22	21.98	26.22	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	21.22	21.22	21.98	29.22	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	10.83	10.83	28.00	18.83	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	8.00	15.48	15.48	21.98	23.48	30.00
5530MHz	Pass	8.00	15.38	15.38	21.98	23.38	30.00
5610MHz	Pass	8.00	18.21	18.21	21.98	26.21	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	21.25	21.25	21.98	29.25	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	6.99	6.99	28.00	14.99	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	8.00	21.42	21.42	21.98	29.42	30.00
5300MHz	Pass	8.00	21.14	21.14	21.98	29.14	30.00
5320MHz	Pass	8.00	17.88	17.88	21.98	25.88	30.00
5500MHz	Pass	8.00	17.32	17.32	21.98	25.32	30.00
5580MHz	Pass	8.00	21.47	21.47	21.98	29.47	30.00
5700MHz	Pass	8.00	14.59	14.59	21.98	22.59	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	20.62	20.62	21.98	28.62	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	15.39	15.39	28.00	23.39	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	8.00	20.70	20.70	21.98	28.70	30.00
5310MHz	Pass	8.00	15.66	15.66	21.98	23.66	30.00



Average Power_Non-Beamforming_Sample 2_Radio 2_Omni_1T1S

Appendix B.9

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5510MHz	Pass	8.00	15.44	15.44	21.98	23.44	30.00
5550MHz	Pass	8.00	20.03	20.03	21.98	28.03	30.00
5670MHz	Pass	8.00	18.31	18.31	21.98	26.31	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	21.34	21.34	21.98	29.34	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	11.59	11.59	28.00	19.59	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	8.00	15.62	15.62	21.98	23.62	30.00
5530MHz	Pass	8.00	15.45	15.45	21.98	23.45	30.00
5610MHz	Pass	8.00	18.47	18.47	21.98	26.47	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	21.49	21.49	21.98	29.49	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	7.88	7.88	28.00	15.88	36.00

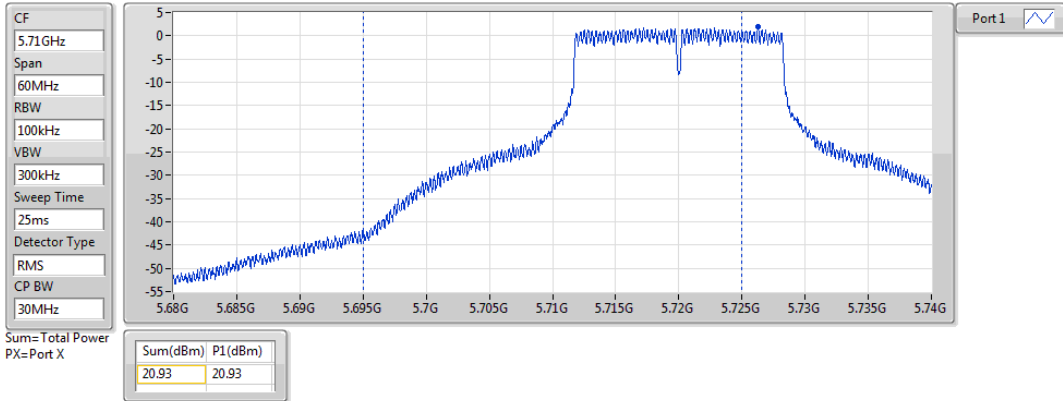
DG = Directional Gain; **Port X** = Port X output power

802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

09/01/2020

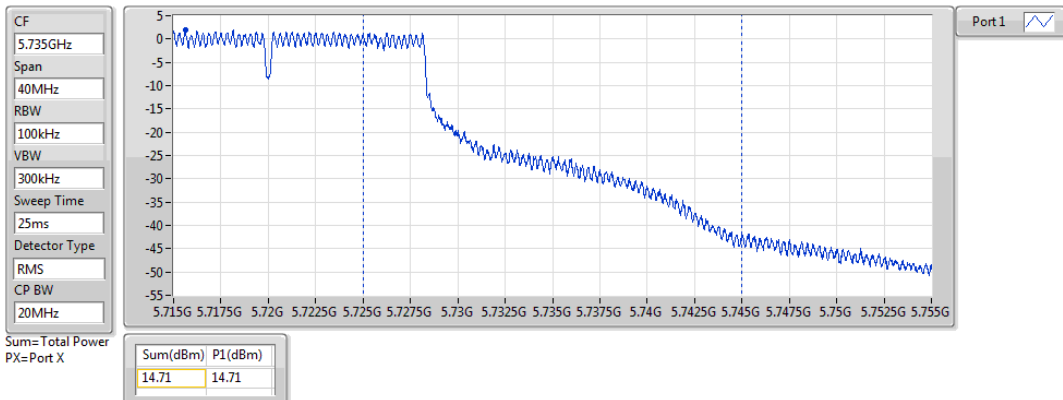


802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

09/01/2020

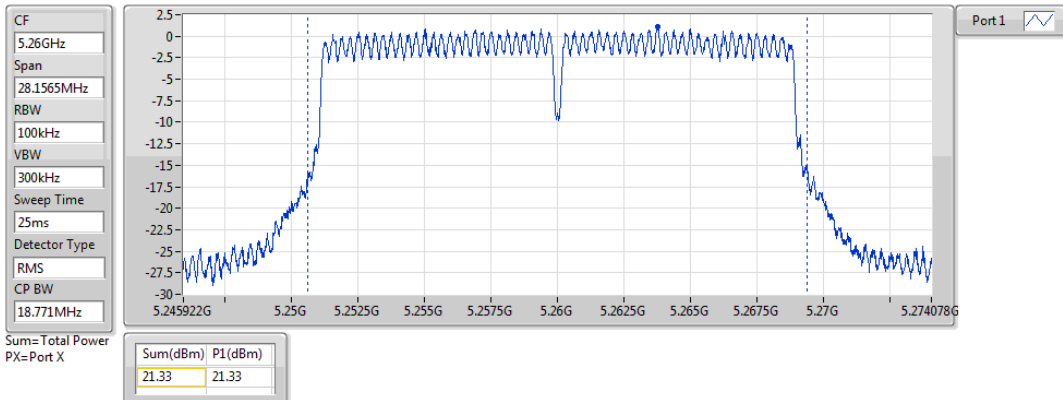


802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5260MHz

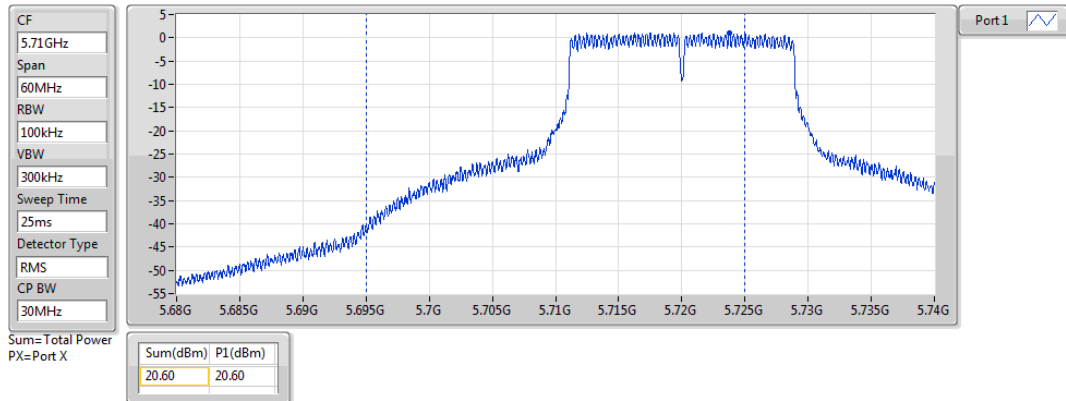
09/01/2020



802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

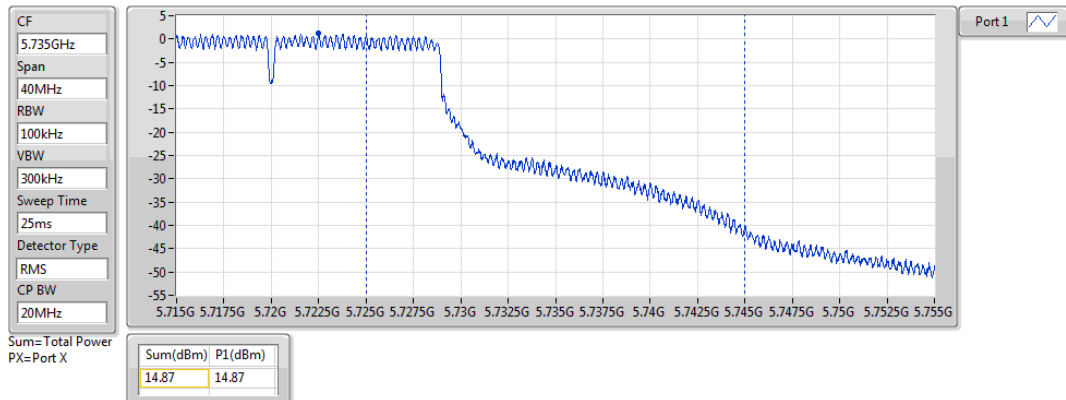
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

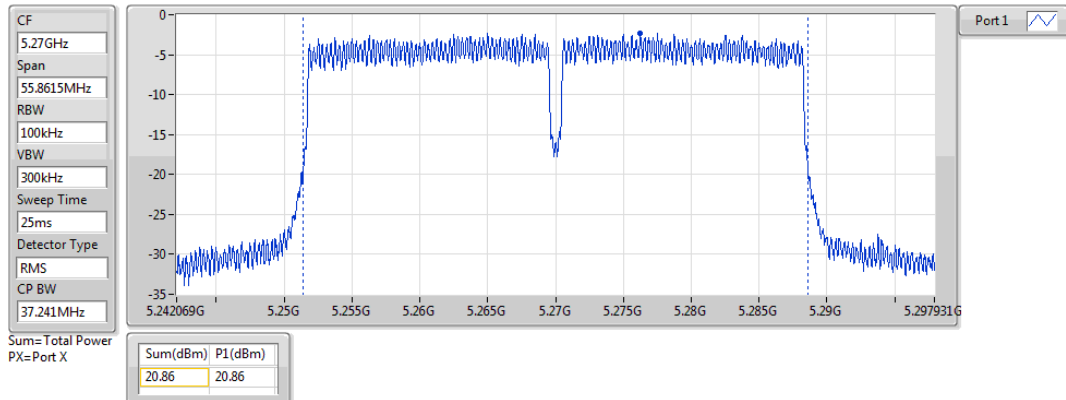
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5270MHz

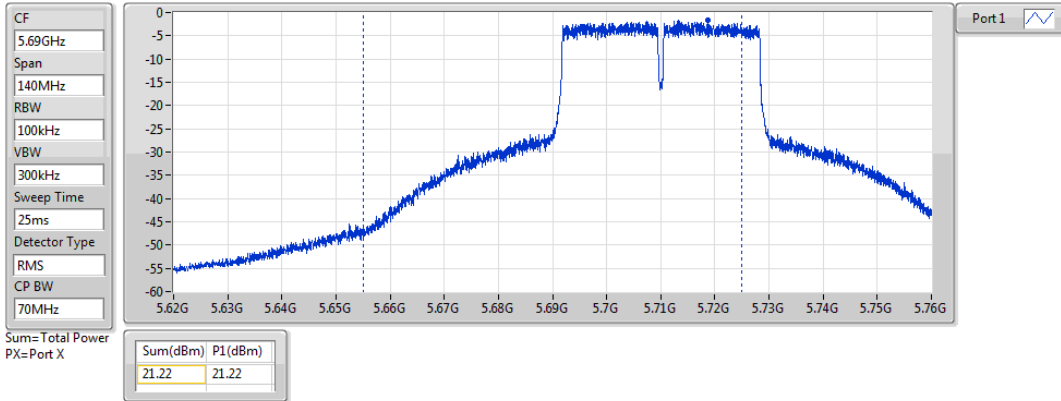


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

09/01/2020

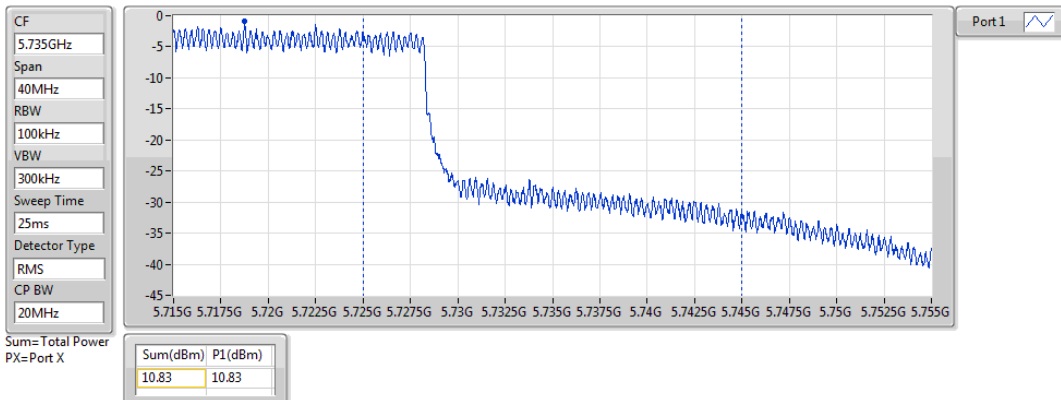


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

09/01/2020

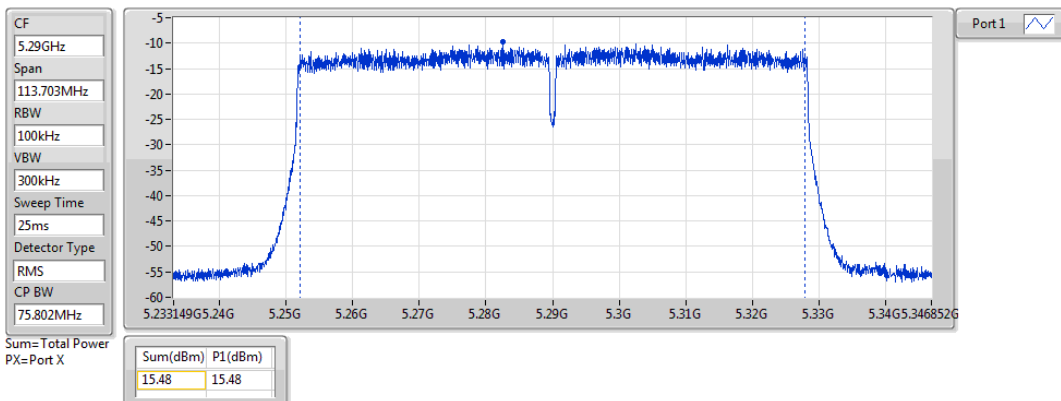


802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

5290MHz

09/01/2020

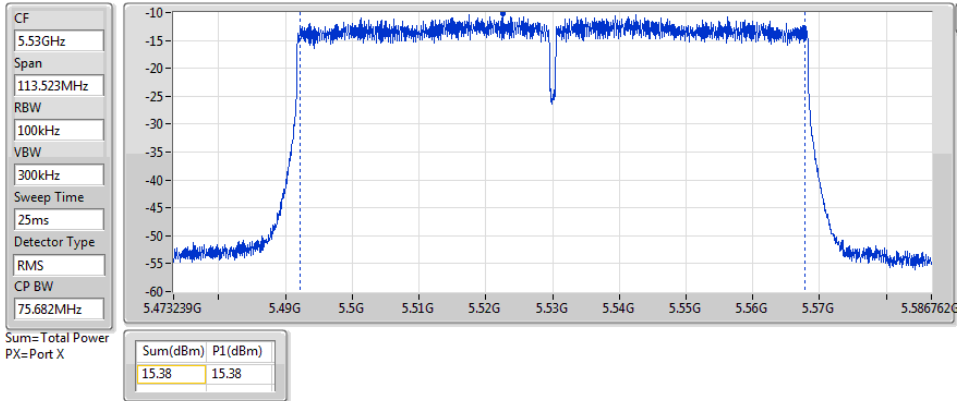


802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

5530MHz

09/01/2020

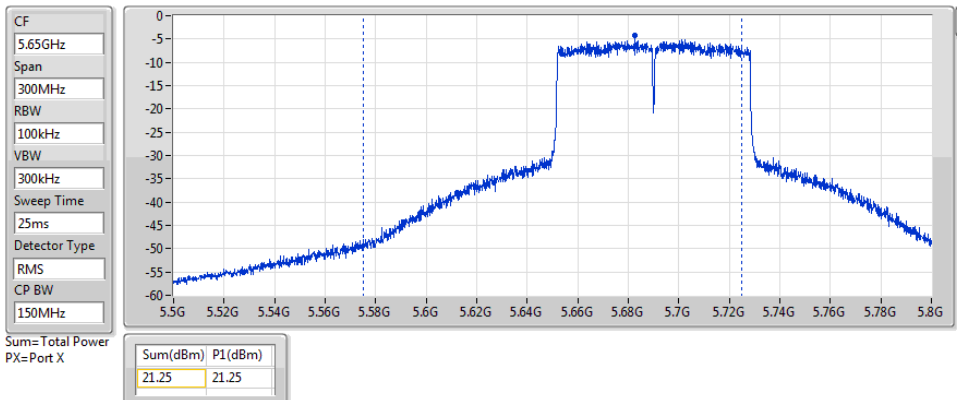


802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz

09/01/2020

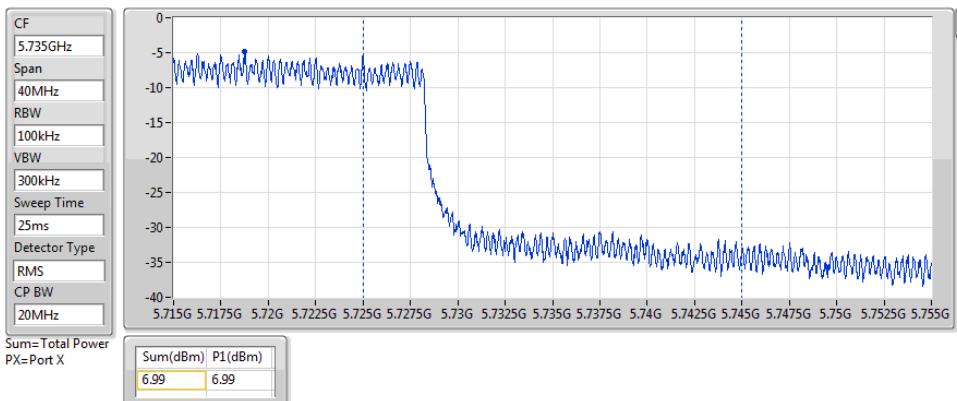


802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

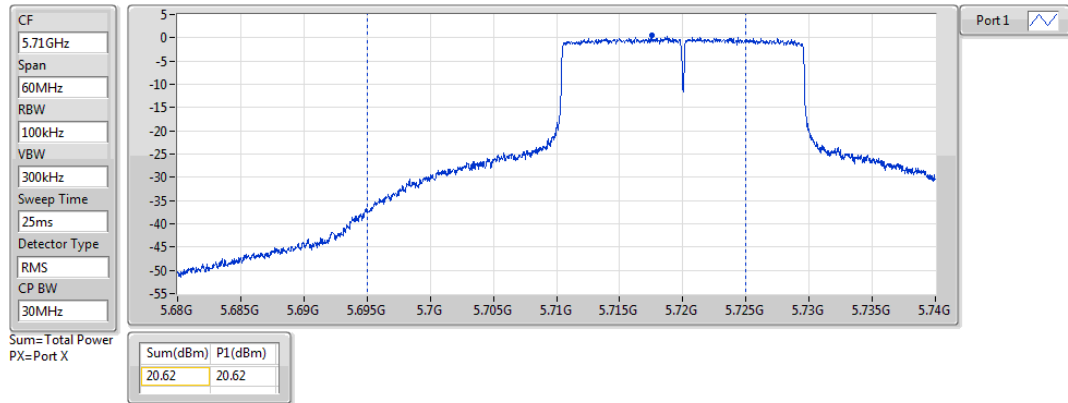
09/01/2020



802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

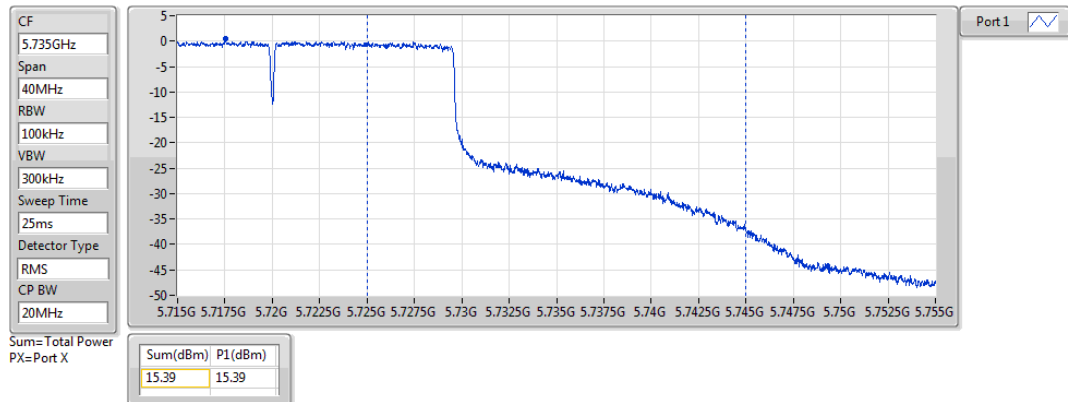
5720MHz Straddle 5.47-5.725GHz



802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

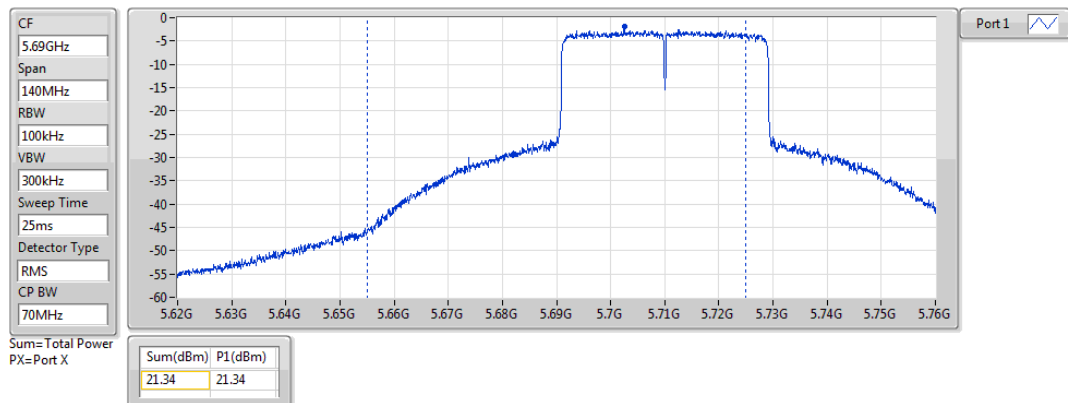
5720MHz Straddle 5.725-5.85GHz



802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

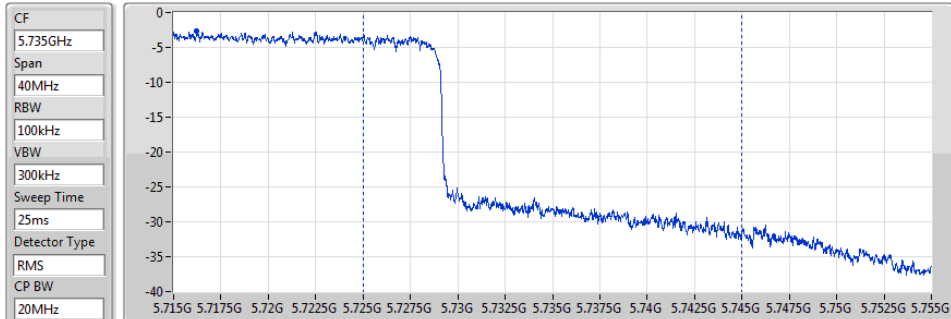


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

09/01/2020

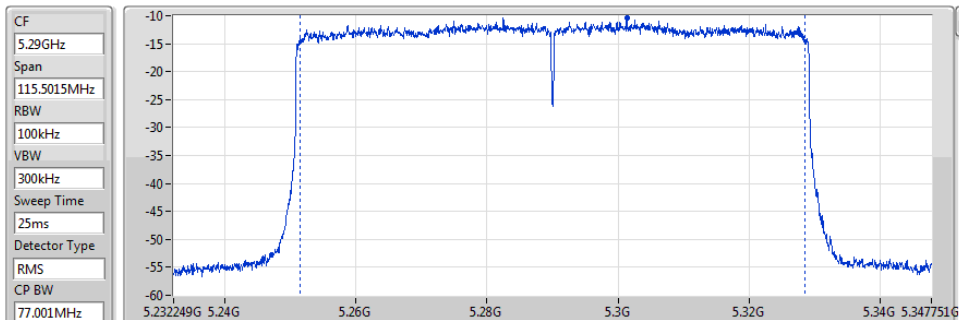


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5290MHz

09/01/2020

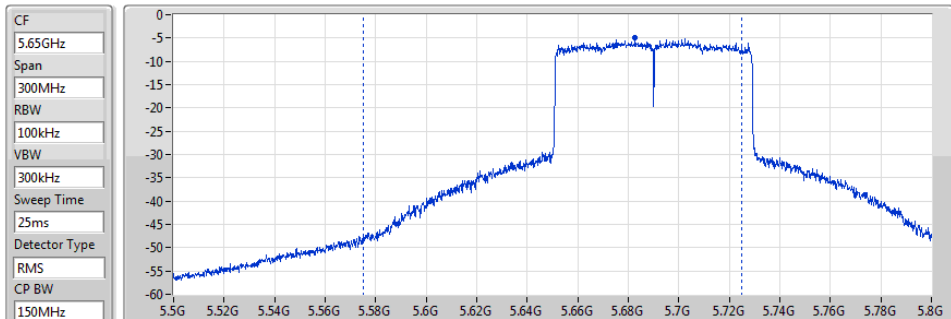


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz

09/01/2020



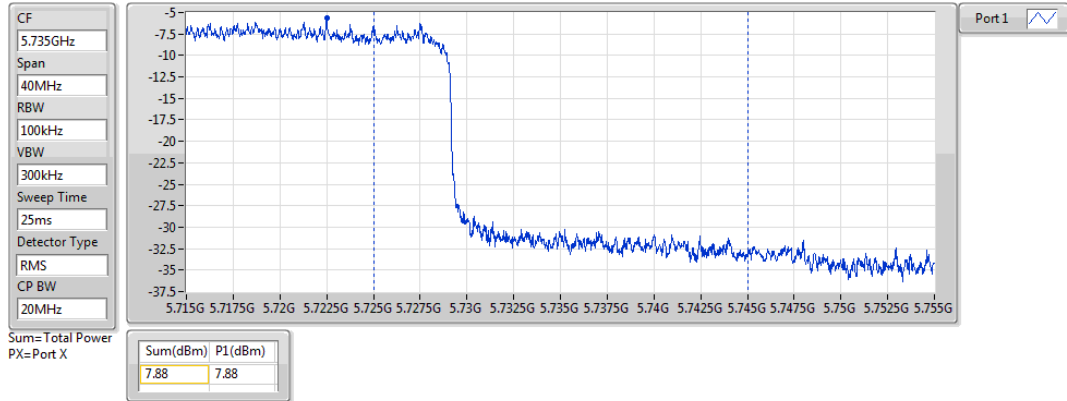


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

09/01/2020





Average Power_Non-Beamforming_Sample 2_Radio 2_Omni_2T2S

Appendix B.10

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	18.52	0.07112	26.52	0.44875
802.11ac VHT20_Nss2,(MCS0)_2TX	21.26	0.13366	29.26	0.84333
802.11ac VHT40_Nss2,(MCS0)_2TX	21.08	0.12823	29.08	0.80910
802.11ac VHT80_Nss2,(MCS0)_2TX	14.91	0.03097	22.91	0.19543
802.11ax HEW20_Nss2,(MCS0)_2TX	21.38	0.13740	29.38	0.86696
802.11ax HEW40_Nss2,(MCS0)_2TX	21.21	0.13213	29.21	0.83368
802.11ax HEW80_Nss2,(MCS0)_2TX	15.27	0.03365	23.27	0.21232
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	18.66	0.07345	26.66	0.46345
802.11ac VHT20_Nss2,(MCS0)_2TX	21.06	0.12764	29.06	0.80538
802.11ac VHT40_Nss2,(MCS0)_2TX	21.26	0.13366	29.26	0.84333
802.11ac VHT80_Nss2,(MCS0)_2TX	21.11	0.12912	29.11	0.81470
802.11ax HEW20_Nss2,(MCS0)_2TX	21.43	0.13900	29.43	0.87700
802.11ax HEW40_Nss2,(MCS0)_2TX	21.34	0.13614	29.34	0.85901
802.11ax HEW80_Nss2,(MCS0)_2TX	21.36	0.13677	29.36	0.86298
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	11.65	0.01462	19.65	0.09226
802.11ac VHT20_Nss2,(MCS0)_2TX	14.32	0.02704	22.32	0.17061
802.11ac VHT40_Nss2,(MCS0)_2TX	10.98	0.01253	18.98	0.07907
802.11ac VHT80_Nss2,(MCS0)_2TX	7.15	0.00519	15.15	0.03273
802.11ax HEW20_Nss2,(MCS0)_2TX	15.09	0.03228	23.09	0.20370
802.11ax HEW40_Nss2,(MCS0)_2TX	11.64	0.01459	19.64	0.09204
802.11ax HEW80_Nss2,(MCS0)_2TX	7.96	0.00625	15.96	0.03945

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.00	15.63	15.26	18.46	21.98	26.46	30.00
5300MHz	Pass	8.00	15.54	15.35	18.46	21.98	26.46	30.00
5320MHz	Pass	8.00	15.61	15.41	18.52	21.98	26.52	30.00
5500MHz	Pass	8.00	15.19	15.27	18.24	21.98	26.24	30.00
5580MHz	Pass	8.00	15.71	15.29	18.52	21.98	26.52	30.00
5700MHz	Pass	8.00	15.81	15.48	18.66	21.98	26.66	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	14.97	14.74	17.87	20.94	25.87	28.94
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	8.72	8.55	11.65	28.00	19.65	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.00	18.23	17.98	21.12	21.98	29.12	30.00
5300MHz	Pass	8.00	18.41	18.08	21.26	21.98	29.26	30.00
5320MHz	Pass	8.00	16.33	16.25	19.30	21.98	27.30	30.00
5500MHz	Pass	8.00	16.12	16.20	19.17	21.98	27.17	30.00
5580MHz	Pass	8.00	18.23	17.87	21.06	21.98	29.06	30.00
5700MHz	Pass	8.00	14.05	13.90	16.99	21.98	24.99	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	17.00	16.79	19.91	20.99	27.91	28.99
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	11.44	11.17	14.32	28.00	22.32	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	8.00	18.22	17.91	21.08	21.98	29.08	30.00
5310MHz	Pass	8.00	13.03	13.00	16.03	21.98	24.03	30.00
5510MHz	Pass	8.00	13.30	13.44	16.38	21.98	24.38	30.00
5550MHz	Pass	8.00	17.19	16.77	20.00	21.98	28.00	30.00
5670MHz	Pass	8.00	14.88	14.34	17.63	21.98	25.63	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	18.46	18.03	21.26	21.98	29.26	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	8.09	7.84	10.98	28.00	18.98	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.00	11.95	11.84	14.91	21.98	22.91	30.00
5530MHz	Pass	8.00	12.26	12.39	15.34	21.98	23.34	30.00
5610MHz	Pass	8.00	16.05	15.84	18.96	21.98	26.96	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	18.40	17.78	21.11	21.98	29.11	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	4.10	4.18	7.15	28.00	15.15	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.00	18.48	18.25	21.38	21.98	29.38	30.00
5300MHz	Pass	8.00	18.36	18.26	21.32	21.98	29.32	30.00
5320MHz	Pass	8.00	16.50	16.53	19.53	21.98	27.53	30.00
5500MHz	Pass	8.00	16.45	16.33	19.40	21.98	27.40	30.00
5580MHz	Pass	8.00	18.55	18.29	21.43	21.98	29.43	30.00
5700MHz	Pass	8.00	14.41	14.19	17.31	21.98	25.31	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	17.46	17.10	20.29	20.97	28.29	28.97
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	12.20	11.95	15.09	28.00	23.09	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	8.00	18.47	17.92	21.21	21.98	29.21	30.00
5310MHz	Pass	8.00	13.16	13.22	16.20	21.98	24.20	30.00



**Average Power_Non-Beamforming_Sample 2_Radio
2_Omni_2T2S**

Appendix B.10

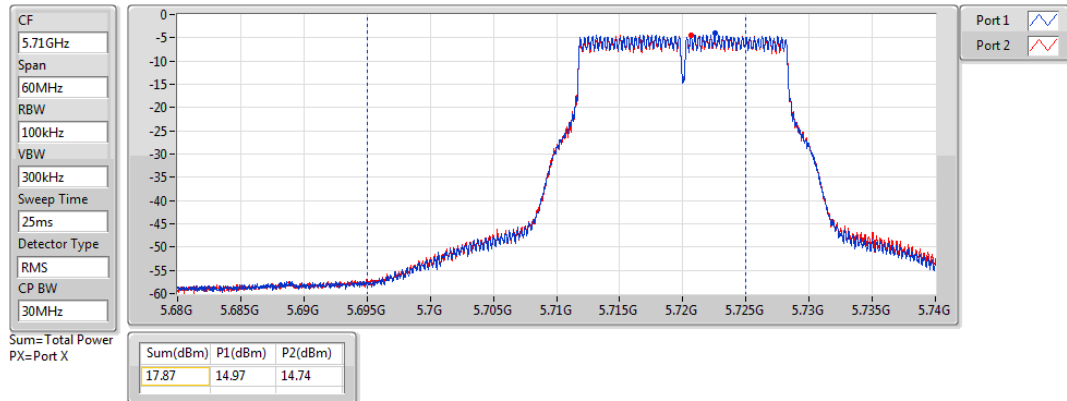
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5510MHz	Pass	8.00	13.56	13.72	16.65	21.98	24.65	30.00
5550MHz	Pass	8.00	17.30	17.04	20.18	21.98	28.18	30.00
5670MHz	Pass	8.00	15.09	14.54	17.83	21.98	25.83	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	18.53	18.12	21.34	21.98	29.34	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	8.76	8.50	11.64	28.00	19.64	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.00	12.30	12.22	15.27	21.98	23.27	30.00
5530MHz	Pass	8.00	12.65	12.68	15.68	21.98	23.68	30.00
5610MHz	Pass	8.00	16.33	16.16	19.26	21.98	27.26	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	18.68	17.99	21.36	21.98	29.36	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	5.02	4.87	7.96	28.00	15.96	36.00

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

802.11a_Nss1,(6Mbps)_2TX

AV Power

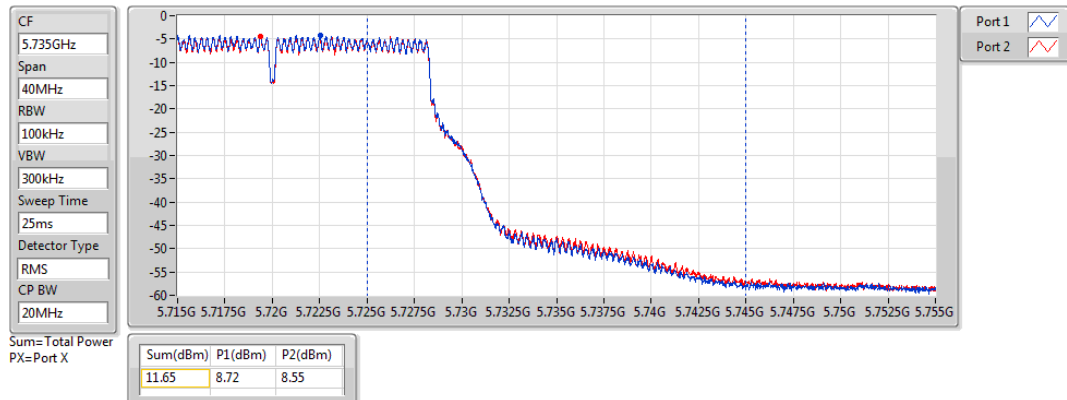
5720MHz Straddle 5.47-5.725GHz



802.11a_Nss1,(6Mbps)_2TX

AV Power

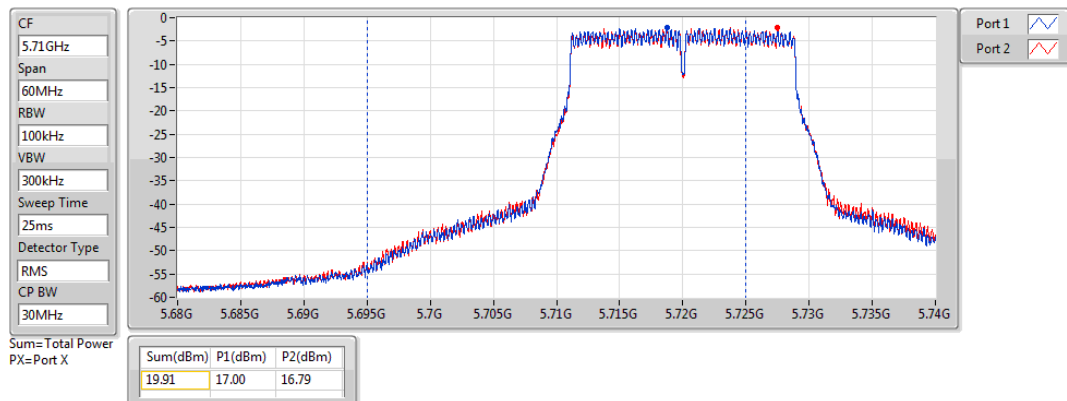
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

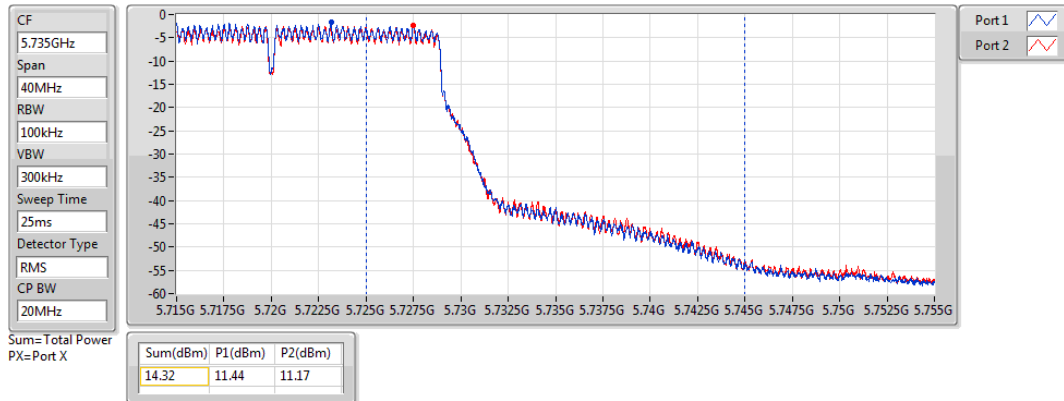


802.11ac VHT20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

09/01/2020

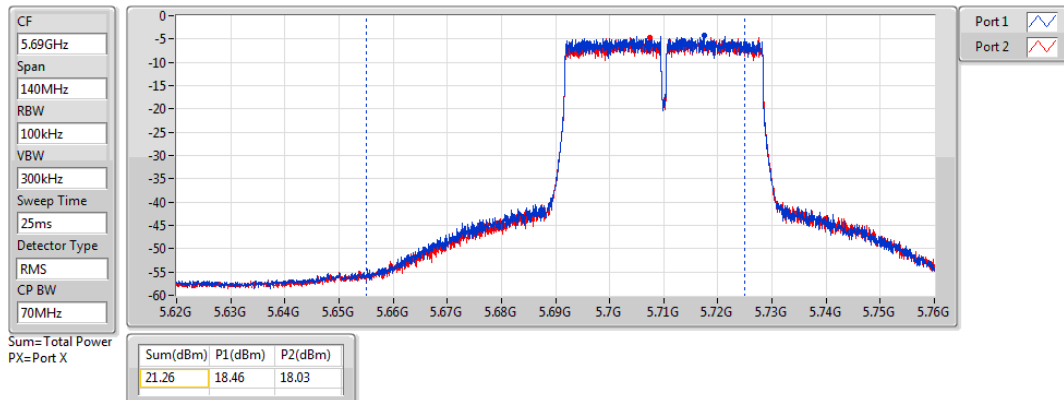


802.11ac VHT40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

09/01/2020

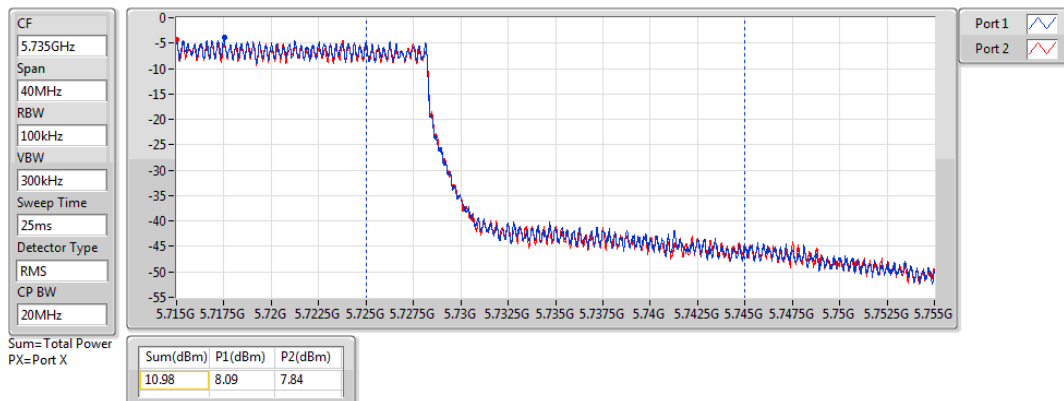


802.11ac VHT40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

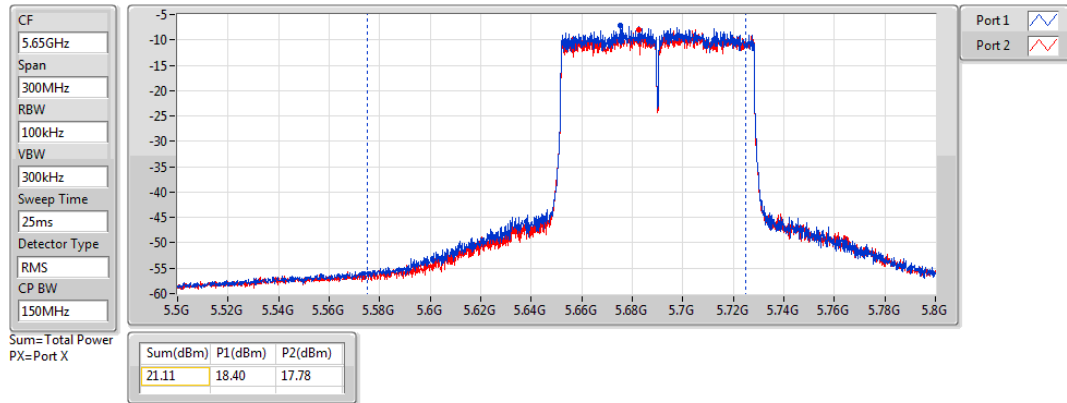
09/01/2020



802.11ac VHT80_Nss2,(MCS0)_2TX

AV Power

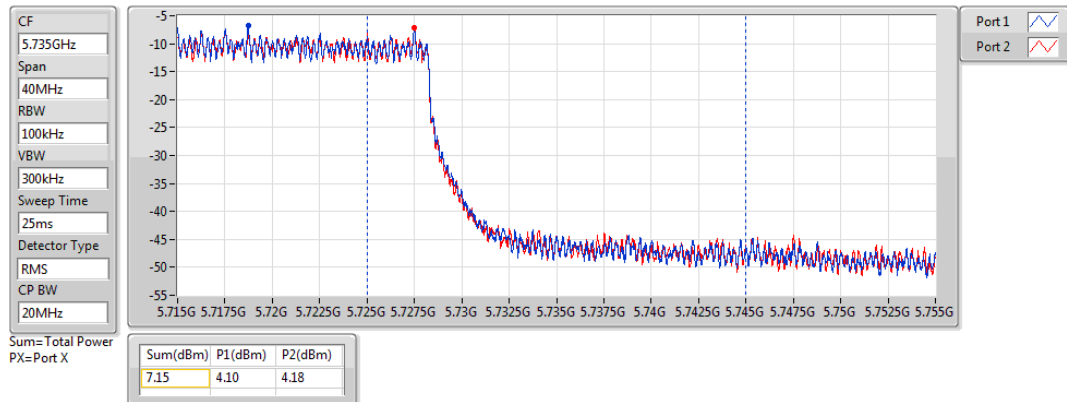
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss2,(MCS0)_2TX

AV Power

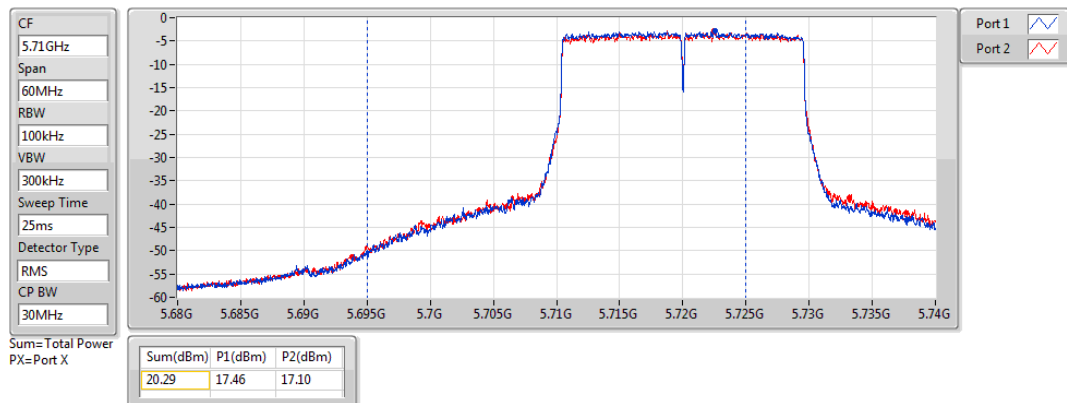
5690MHz Straddle 5.725-5.85GHz



802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

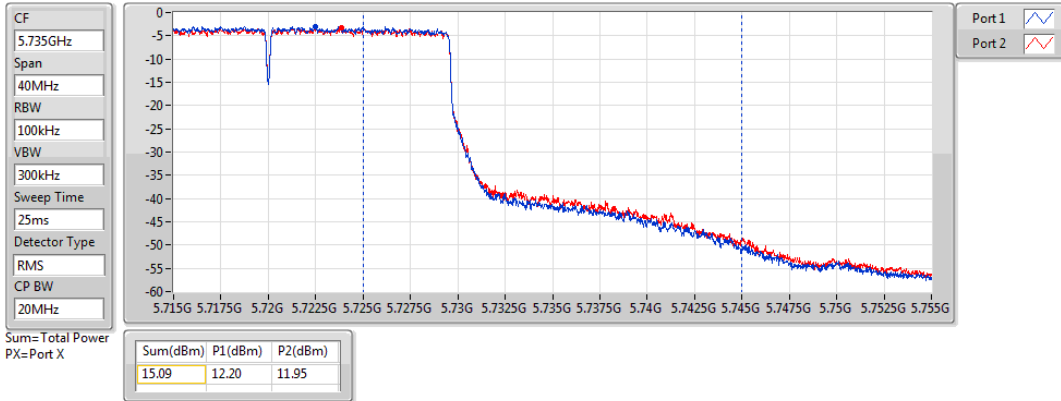


802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

09/01/2020

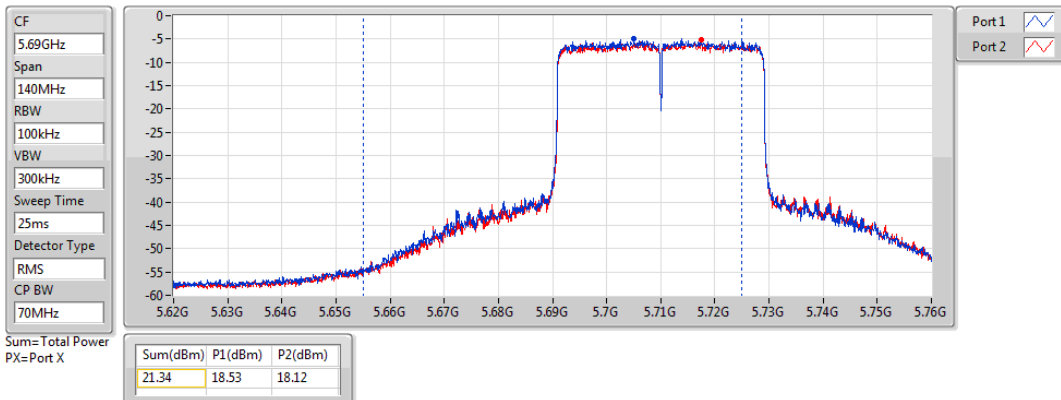


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

09/01/2020

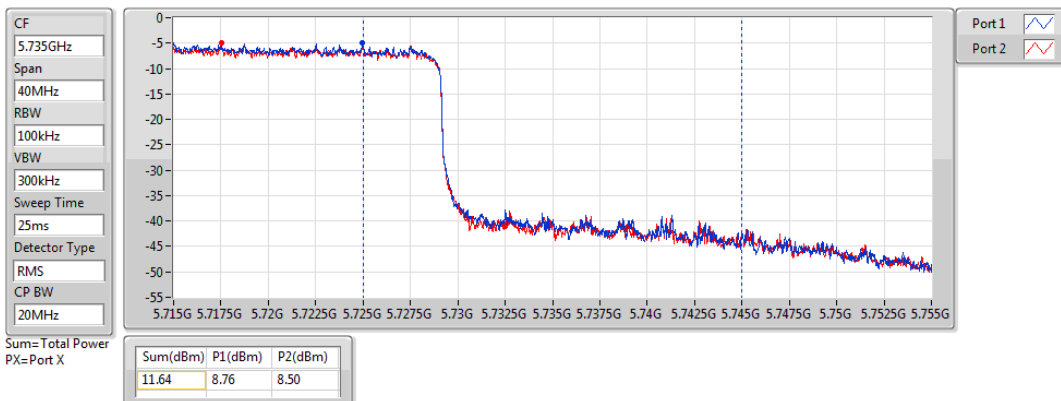


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

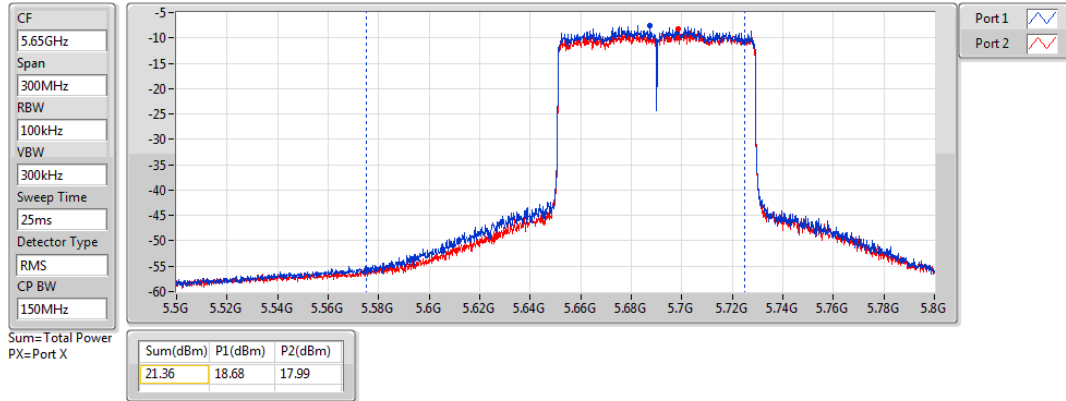
09/01/2020



802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

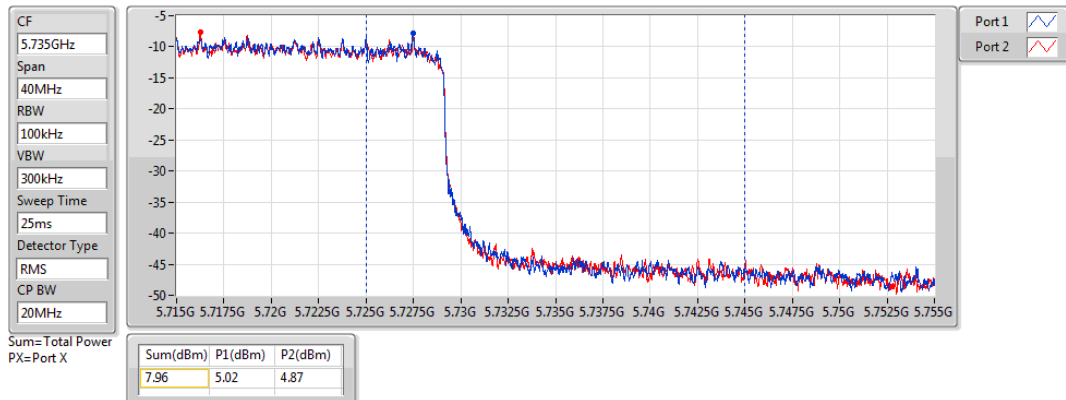
5690MHz Straddle 5.47-5.725GHz



802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz





**Average Power_Non-Beamforming_Sample 2_Radio 2_Panel
1_1T1S**

Appendix B.11

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	18.77	0.07534	29.47	0.88512
802.11ac VHT20_Nss1,(MCS0)_1TX	18.48	0.07047	29.18	0.82794
802.11ac VHT40_Nss1,(MCS0)_1TX	18.50	0.07079	29.20	0.83176
802.11ac VHT80_Nss1,(MCS0)_1TX	17.21	0.05260	27.91	0.61802
802.11ax HEW20_Nss1,(MCS0)_1TX	18.75	0.07499	29.45	0.88105
802.11ax HEW40_Nss1,(MCS0)_1TX	18.76	0.07516	29.46	0.88308
802.11ax HEW80_Nss1,(MCS0)_1TX	17.26	0.05321	27.96	0.62517
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	18.74	0.07482	29.44	0.87902
802.11ac VHT20_Nss1,(MCS0)_1TX	18.30	0.06761	29.00	0.79433
802.11ac VHT40_Nss1,(MCS0)_1TX	18.47	0.07031	29.17	0.82604
802.11ac VHT80_Nss1,(MCS0)_1TX	18.41	0.06934	29.11	0.81470
802.11ax HEW20_Nss1,(MCS0)_1TX	18.68	0.07379	29.38	0.86696
802.11ax HEW40_Nss1,(MCS0)_1TX	18.72	0.07447	29.42	0.87498
802.11ax HEW80_Nss1,(MCS0)_1TX	18.77	0.07534	29.47	0.88512
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	11.64	0.01459	22.34	0.17140
802.11ac VHT20_Nss1,(MCS0)_1TX	11.97	0.01574	22.67	0.18493
802.11ac VHT40_Nss1,(MCS0)_1TX	8.23	0.00665	18.93	0.07816
802.11ac VHT80_Nss1,(MCS0)_1TX	4.60	0.00288	15.30	0.03388
802.11ax HEW20_Nss1,(MCS0)_1TX	12.63	0.01832	23.33	0.21528
802.11ax HEW40_Nss1,(MCS0)_1TX	9.08	0.00809	19.78	0.09506
802.11ax HEW80_Nss1,(MCS0)_1TX	5.41	0.00348	16.11	0.04083



Average Power Non-Beamforming Sample 2 Radio 2 Panel 1 1T1S

Appendix B.11

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	10.70	18.72	18.72	19.28	29.42	30.00
5300MHz	Pass	10.70	18.68	18.68	19.28	29.38	30.00
5320MHz	Pass	10.70	18.77	18.77	19.28	29.47	30.00
5500MHz	Pass	10.70	17.16	17.16	19.28	27.86	30.00
5580MHz	Pass	10.70	18.74	18.74	19.28	29.44	30.00
5700MHz	Pass	10.70	18.68	18.68	19.28	29.38	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	17.69	17.69	18.23	28.39	28.93
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	11.64	11.64	25.30	22.34	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	10.70	18.48	18.48	19.28	29.18	30.00
5300MHz	Pass	10.70	18.33	18.33	19.28	29.03	30.00
5320MHz	Pass	10.70	18.28	18.28	19.28	28.98	30.00
5500MHz	Pass	10.70	17.88	17.88	19.28	28.58	30.00
5580MHz	Pass	10.70	18.30	18.30	19.28	29.00	30.00
5700MHz	Pass	10.70	16.03	16.03	19.28	26.73	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	17.51	17.51	18.25	28.21	28.95
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	11.97	11.97	25.30	22.67	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	10.70	18.50	18.50	19.28	29.20	30.00
5310MHz	Pass	10.70	16.97	16.97	19.28	27.67	30.00
5510MHz	Pass	10.70	16.19	16.19	19.28	26.89	30.00
5550MHz	Pass	10.70	18.34	18.34	19.28	29.04	30.00
5670MHz	Pass	10.70	18.47	18.47	19.28	29.17	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	18.31	18.31	19.28	29.01	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	8.23	8.23	25.30	18.93	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	10.70	17.21	17.21	19.28	27.91	30.00
5530MHz	Pass	10.70	16.26	16.26	19.28	26.96	30.00
5610MHz	Pass	10.70	18.41	18.41	19.28	29.11	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	18.41	18.41	19.28	29.11	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	4.60	4.60	25.30	15.30	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	10.70	18.66	18.66	19.28	29.36	30.00
5300MHz	Pass	10.70	18.75	18.75	19.28	29.45	30.00
5320MHz	Pass	10.70	18.69	18.69	19.28	29.39	30.00
5500MHz	Pass	10.70	18.16	18.16	19.28	28.86	30.00
5580MHz	Pass	10.70	18.68	18.68	19.28	29.38	30.00
5700MHz	Pass	10.70	16.18	16.18	19.28	26.88	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	17.75	17.75	18.26	28.45	28.96
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	12.63	12.63	25.30	23.33	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	10.70	18.76	18.76	19.28	29.46	30.00
5310MHz	Pass	10.70	17.11	17.11	19.28	27.81	30.00



**Average Power_Non-Beamforming_Sample 2_Radio 2_Panel
1_1T1S**

Appendix B.11

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5510MHz	Pass	10.70	16.55	16.55	19.28	27.25	30.00
5550MHz	Pass	10.70	18.58	18.58	19.28	29.28	30.00
5670MHz	Pass	10.70	18.53	18.53	19.28	29.23	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	18.72	18.72	19.28	29.42	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	9.08	9.08	25.30	19.78	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	10.70	17.26	17.26	19.28	27.96	30.00
5530MHz	Pass	10.70	16.29	16.29	19.28	26.99	30.00
5610MHz	Pass	10.70	18.77	18.77	19.28	29.47	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	18.66	18.66	19.28	29.36	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	5.41	5.41	25.30	16.11	36.00

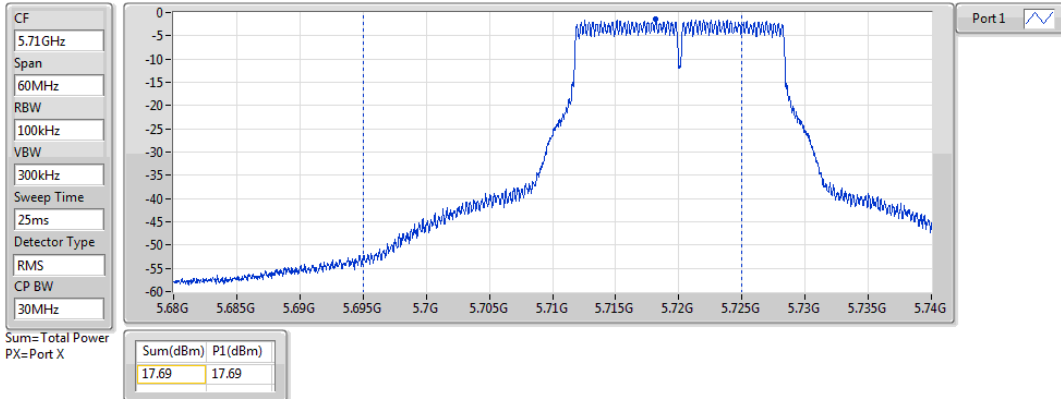
DG = Directional Gain; **Port X** = Port X output power

802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

13/01/2020

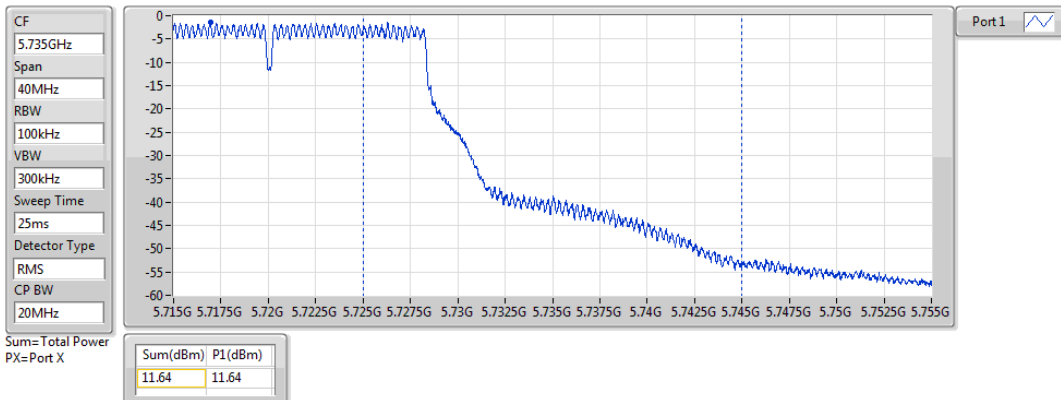


802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

13/01/2020

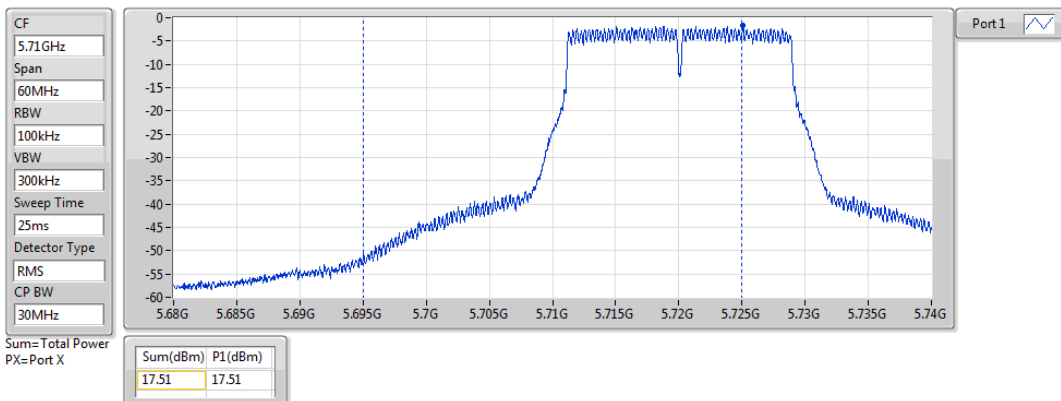


802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

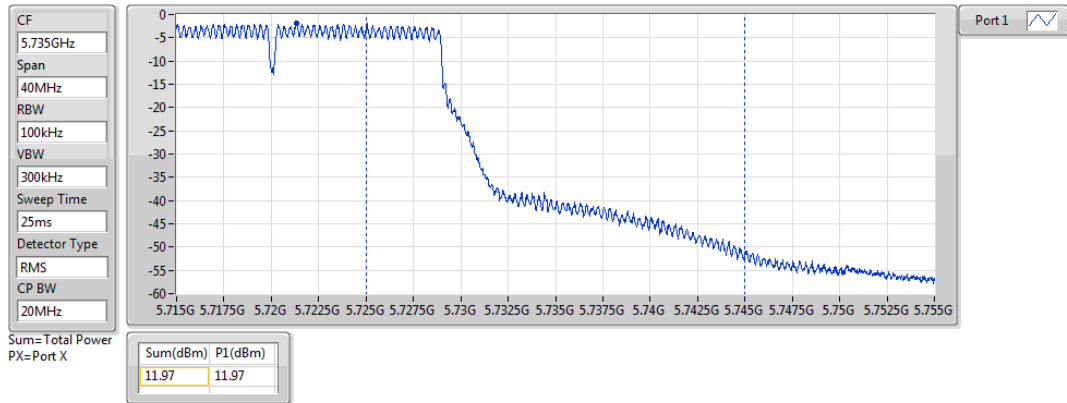
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802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

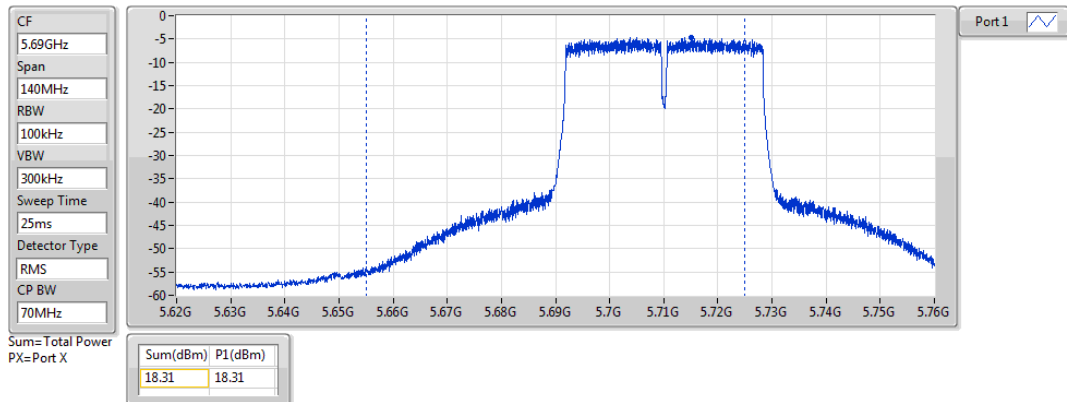
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

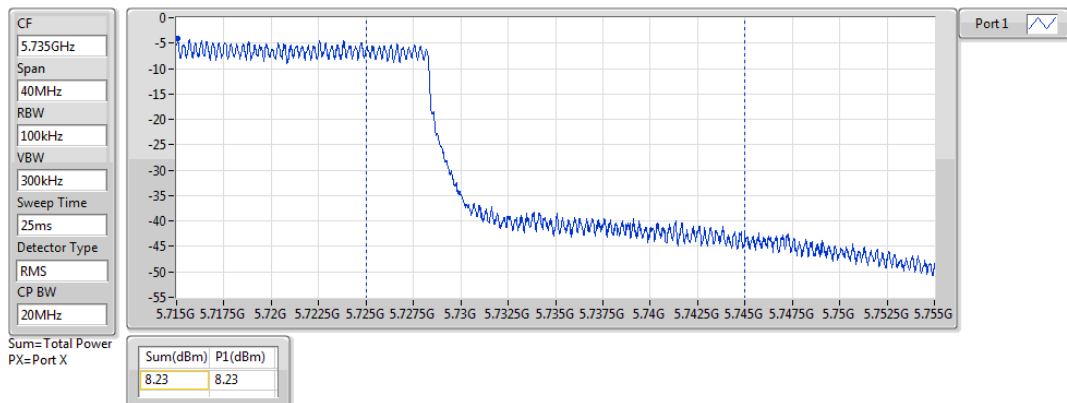
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802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

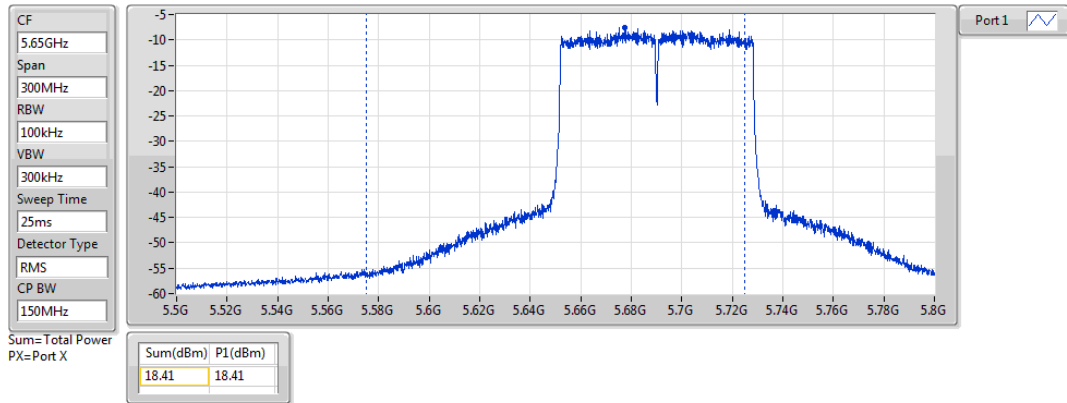
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

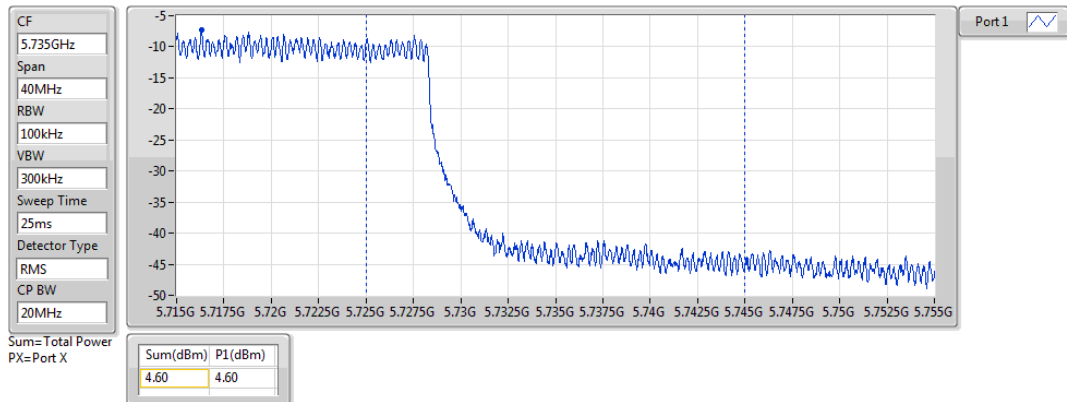
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802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

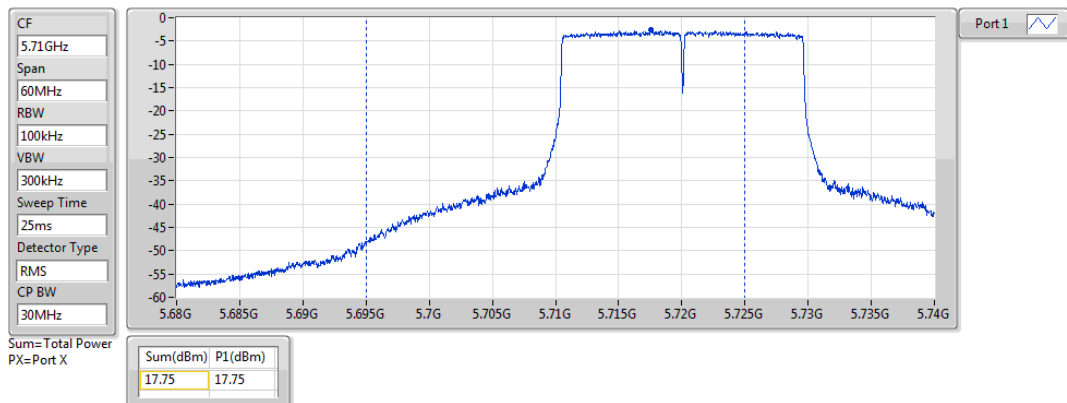
5690MHz Straddle 5.725-5.85GHz



802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

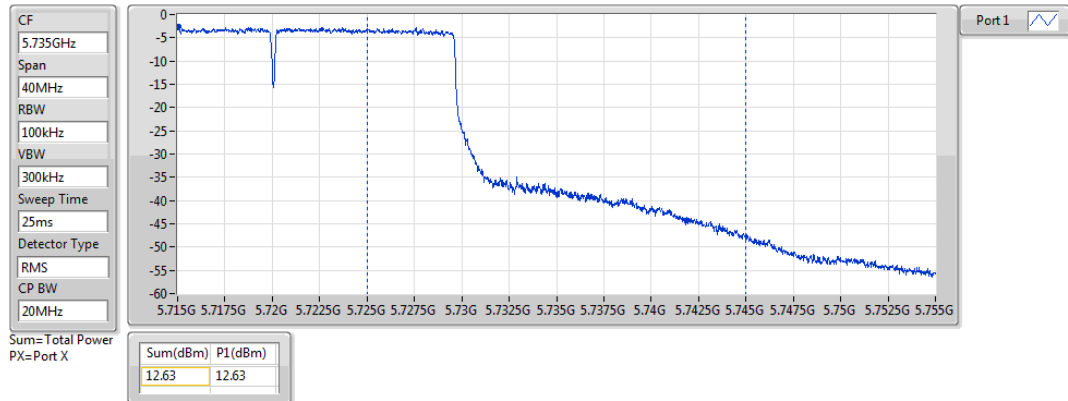
5720MHz Straddle 5.47-5.725GHz



802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

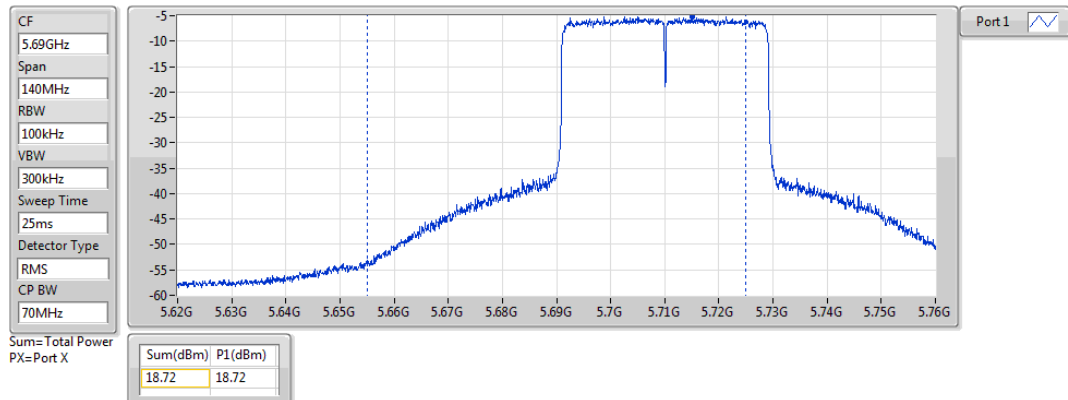
5720MHz Straddle 5.725-5.85GHz



802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

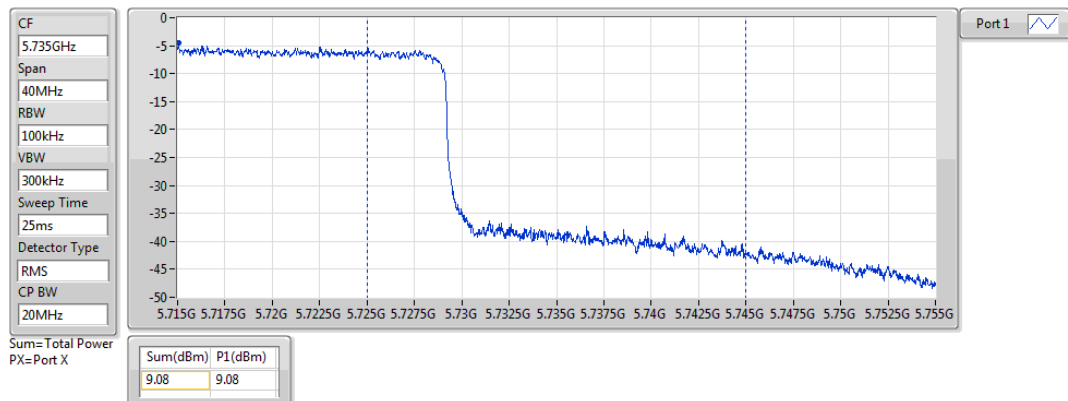
5710MHz Straddle 5.47-5.725GHz



802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

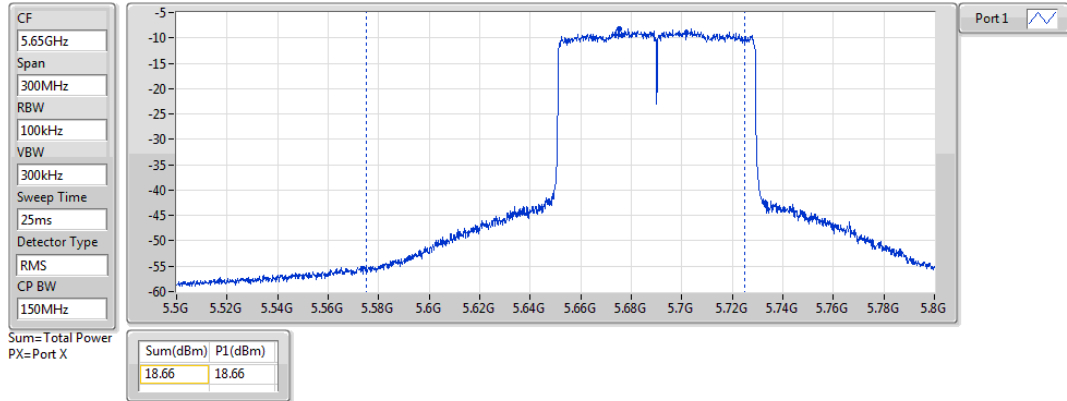
5710MHz Straddle 5.725-5.85GHz



802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

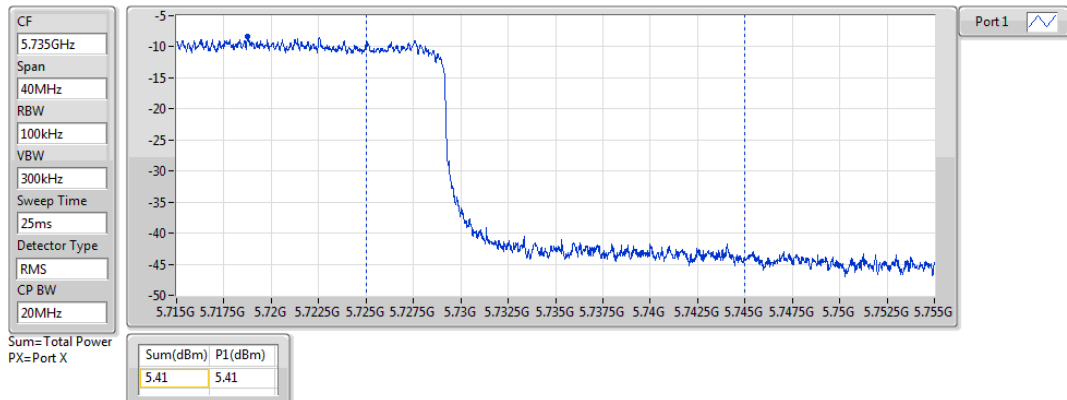
5690MHz Straddle 5.47-5.725GHz



802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.48	0.04446	27.18	0.52240
802.11ac VHT20_Nss2,(MCS0)_2TX	18.49	0.07063	29.19	0.82985
802.11ac VHT40_Nss2,(MCS0)_2TX	18.40	0.06918	29.10	0.81283
802.11ac VHT80_Nss2,(MCS0)_2TX	18.06	0.06397	28.76	0.75162
802.11ax HEW20_Nss2,(MCS0)_2TX	18.75	0.07499	29.45	0.88105
802.11ax HEW40_Nss2,(MCS0)_2TX	18.72	0.07447	29.42	0.87498
802.11ax HEW80_Nss2,(MCS0)_2TX	18.26	0.06699	28.96	0.78705
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.49	0.04457	27.19	0.52360
802.11ac VHT20_Nss2,(MCS0)_2TX	18.30	0.06761	29.00	0.79433
802.11ac VHT40_Nss2,(MCS0)_2TX	18.40	0.06918	29.10	0.81283
802.11ac VHT80_Nss2,(MCS0)_2TX	18.47	0.07031	29.17	0.82604
802.11ax HEW20_Nss2,(MCS0)_2TX	18.68	0.07379	29.38	0.86696
802.11ax HEW40_Nss2,(MCS0)_2TX	18.78	0.07551	29.48	0.88716
802.11ax HEW80_Nss2,(MCS0)_2TX	18.77	0.07534	29.47	0.88512
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	9.16	0.00824	19.86	0.09683
802.11ac VHT20_Nss2,(MCS0)_2TX	11.83	0.01524	22.53	0.17906
802.11ac VHT40_Nss2,(MCS0)_2TX	7.90	0.00617	18.60	0.07244
802.11ac VHT80_Nss2,(MCS0)_2TX	4.37	0.00274	15.07	0.03214
802.11ax HEW20_Nss2,(MCS0)_2TX	12.44	0.01754	23.14	0.20606
802.11ax HEW40_Nss2,(MCS0)_2TX	8.91	0.00778	19.61	0.09141
802.11ax HEW80_Nss2,(MCS0)_2TX	5.41	0.00348	16.11	0.04083

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	10.70	13.28	13.31	16.31	19.28	27.01	30.00
5300MHz	Pass	10.70	13.33	13.60	16.48	19.28	27.18	30.00
5320MHz	Pass	10.70	13.20	13.68	16.46	19.28	27.16	30.00
5500MHz	Pass	10.70	12.69	14.04	16.43	19.28	27.13	30.00
5580MHz	Pass	10.70	12.60	13.55	16.11	19.28	26.81	30.00
5700MHz	Pass	10.70	13.23	13.71	16.49	19.28	27.19	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	11.93	12.47	15.22	18.19	25.92	28.89
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	5.96	6.33	9.16	25.30	19.86	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	10.70	15.22	15.30	18.27	19.28	28.97	30.00
5300MHz	Pass	10.70	15.16	15.47	18.33	19.28	29.03	30.00
5320MHz	Pass	10.70	15.28	15.68	18.49	19.28	29.19	30.00
5500MHz	Pass	10.70	14.73	15.78	18.30	19.28	29.00	30.00
5580MHz	Pass	10.70	14.85	15.42	18.15	19.28	28.85	30.00
5700MHz	Pass	10.70	14.92	15.56	18.26	19.28	28.96	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	14.16	14.59	17.39	18.25	28.09	28.95
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	8.59	9.03	11.83	25.30	22.53	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	10.70	15.19	15.58	18.40	19.28	29.10	30.00
5310MHz	Pass	10.70	14.53	15.03	17.80	19.28	28.50	30.00
5510MHz	Pass	10.70	14.23	14.82	17.55	19.28	28.25	30.00
5550MHz	Pass	10.70	15.19	15.56	18.39	19.28	29.09	30.00
5670MHz	Pass	10.70	15.22	15.56	18.40	19.28	29.10	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	15.05	15.31	18.19	19.28	28.89	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	4.76	5.02	7.90	25.30	18.60	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	10.70	14.67	15.39	18.06	19.28	28.76	30.00
5530MHz	Pass	10.70	14.48	14.57	17.54	19.28	28.24	30.00
5610MHz	Pass	10.70	15.20	15.70	18.47	19.28	29.17	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	15.05	15.60	18.34	19.28	29.04	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	1.05	1.65	4.37	25.30	15.07	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	10.70	15.56	15.52	18.55	19.28	29.25	30.00
5300MHz	Pass	10.70	15.54	15.75	18.66	19.28	29.36	30.00
5320MHz	Pass	10.70	15.51	15.95	18.75	19.28	29.45	30.00
5500MHz	Pass	10.70	15.29	16.01	18.68	19.28	29.38	30.00
5580MHz	Pass	10.70	15.20	15.79	18.52	19.28	29.22	30.00
5700MHz	Pass	10.70	15.33	15.86	18.61	19.28	29.31	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	14.29	14.74	17.53	18.22	28.23	28.92
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	9.24	9.61	12.44	25.30	23.14	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	10.70	15.56	15.86	18.72	19.28	29.42	30.00
5310MHz	Pass	10.70	14.55	15.35	17.98	19.28	28.68	30.00



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

Appendix B.12

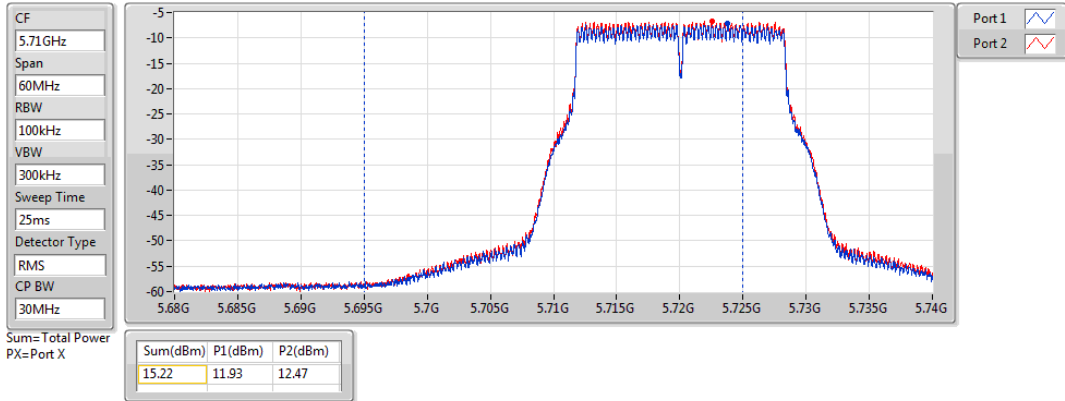
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5510MHz	Pass	10.70	14.51	15.05	17.80	19.28	28.50	30.00
5550MHz	Pass	10.70	15.53	15.99	18.78	19.28	29.48	30.00
5670MHz	Pass	10.70	15.55	15.77	18.67	19.28	29.37	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	15.49	15.75	18.63	19.28	29.33	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	5.81	5.99	8.91	25.30	19.61	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	10.70	14.86	15.60	18.26	19.28	28.96	30.00
5530MHz	Pass	10.70	14.79	14.90	17.86	19.28	28.56	30.00
5610MHz	Pass	10.70	15.53	15.93	18.74	19.28	29.44	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	15.51	16.00	18.77	19.28	29.47	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	2.18	2.60	5.41	25.30	16.11	36.00

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

802.11a_Nss1,(6Mbps)_2TX

AV Power

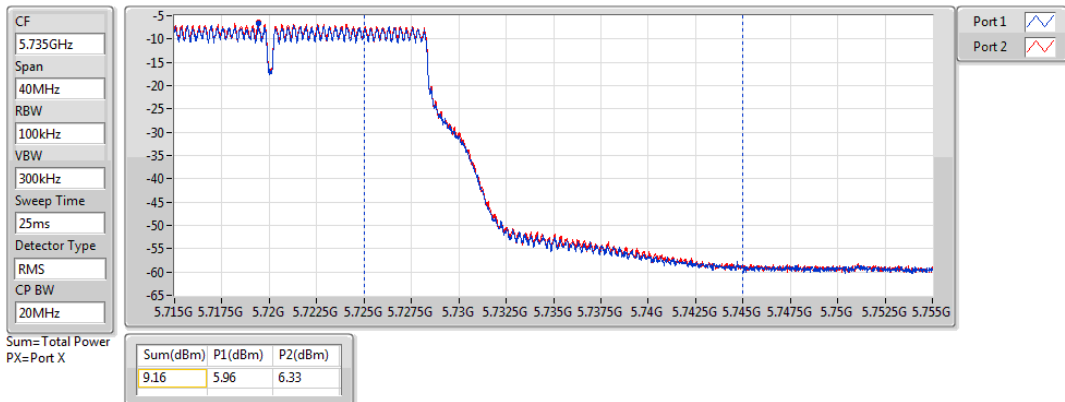
5720MHz Straddle 5.47-5.725GHz



802.11a_Nss1,(6Mbps)_2TX

AV Power

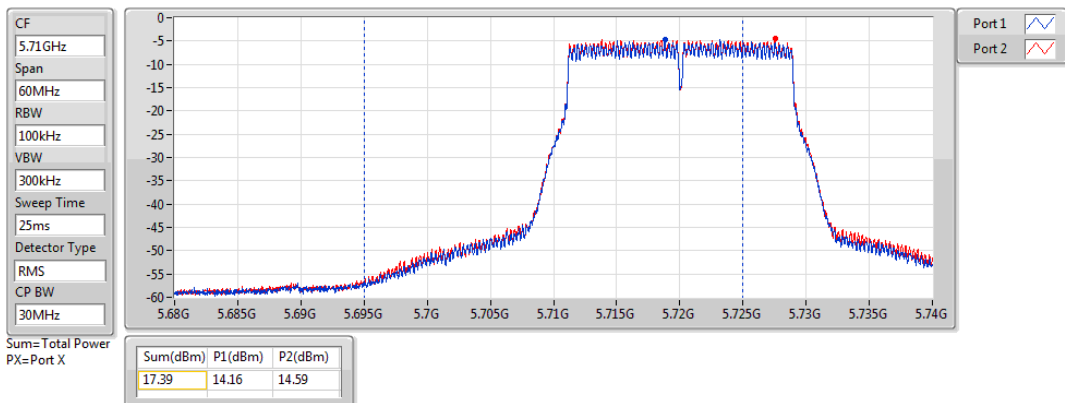
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20_Nss2,(MCS0)_2TX

AV Power

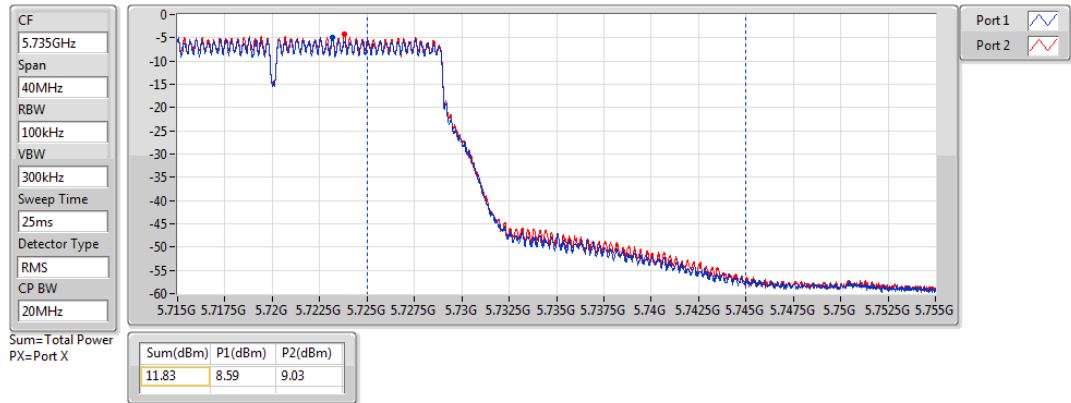
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20_Nss2,(MCS0)_2TX

AV Power

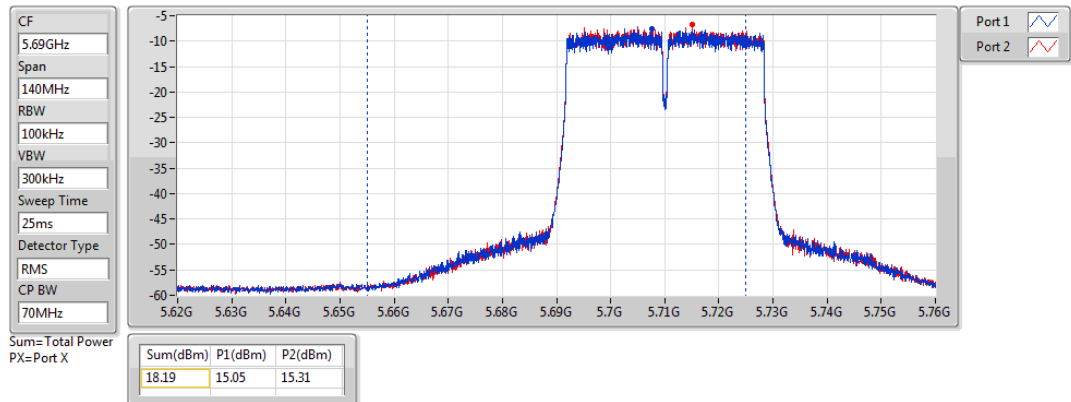
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT40_Nss2,(MCS0)_2TX

AV Power

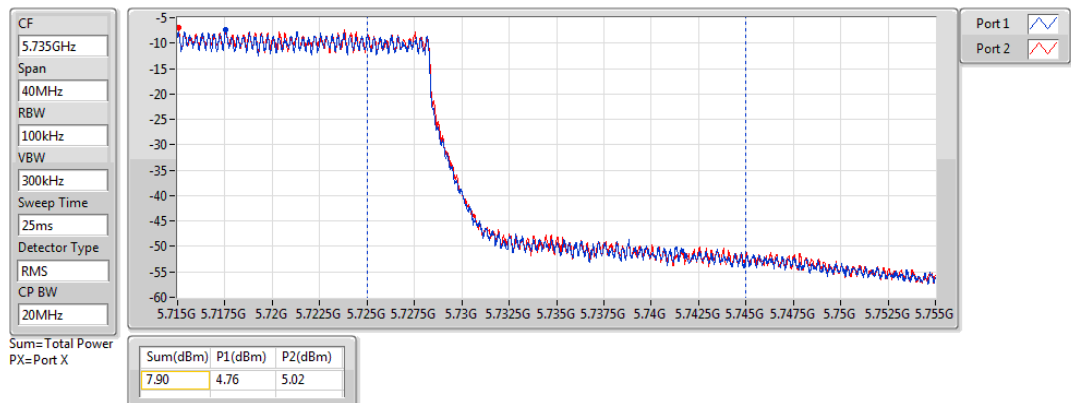
5710MHz Straddle 5.47-5.725GHz



802.11ac VHT40_Nss2,(MCS0)_2TX

AV Power

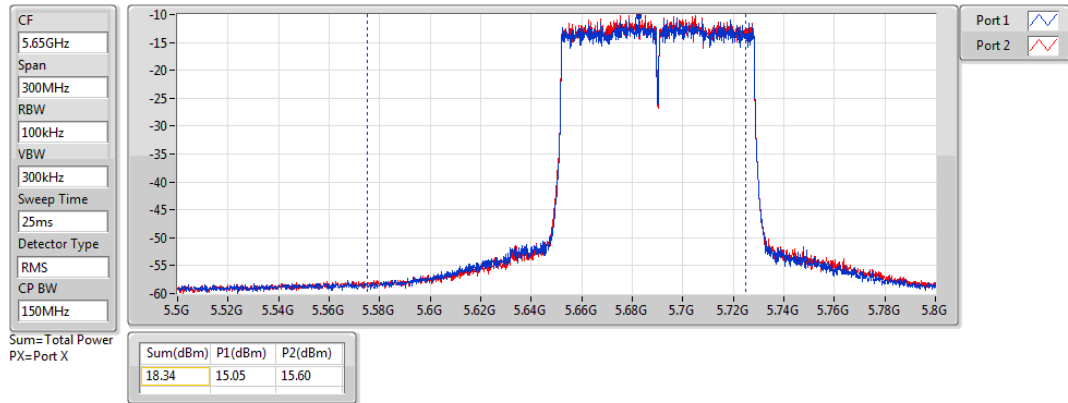
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT80_Nss2,(MCS0)_2TX

AV Power

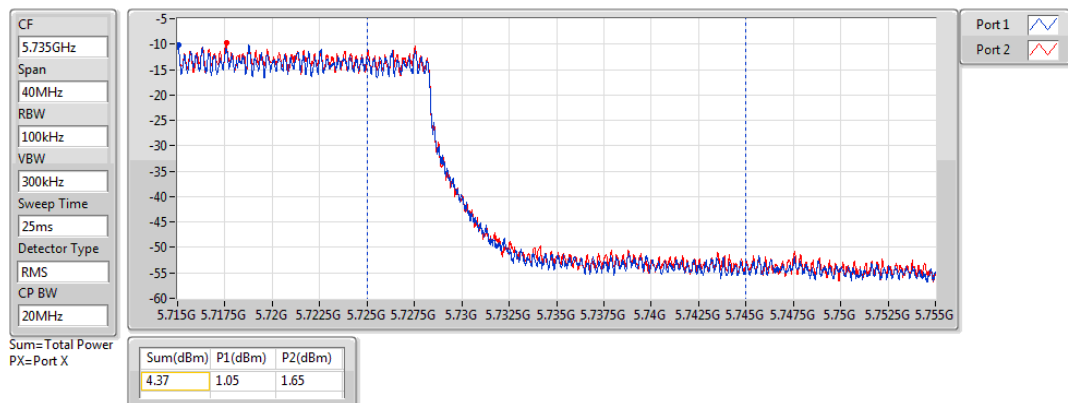
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss2,(MCS0)_2TX

AV Power

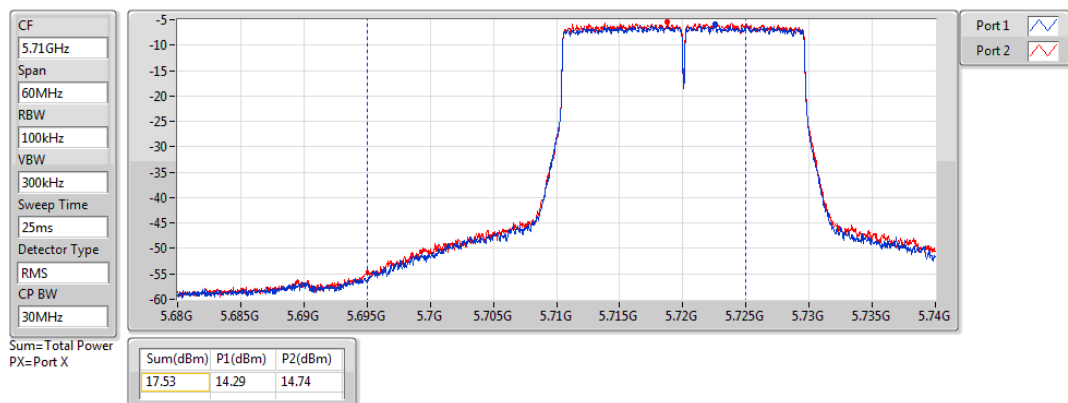
5690MHz Straddle 5.725-5.85GHz



802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

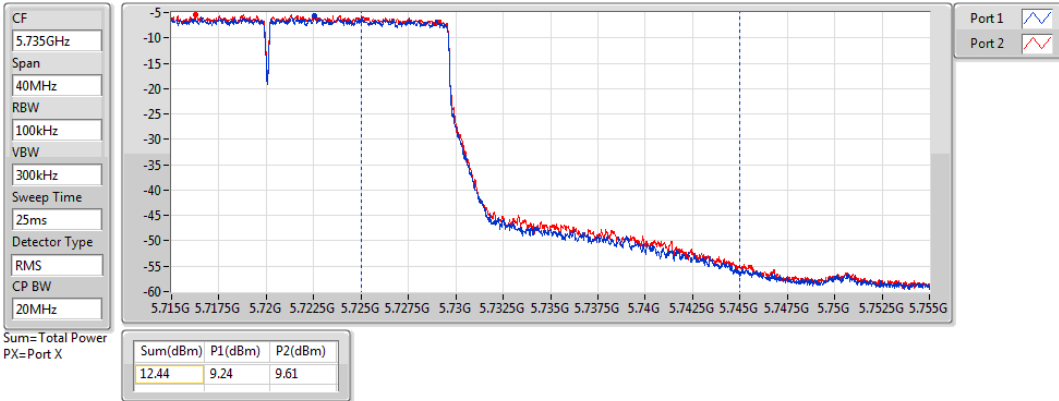


802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

14/01/2020

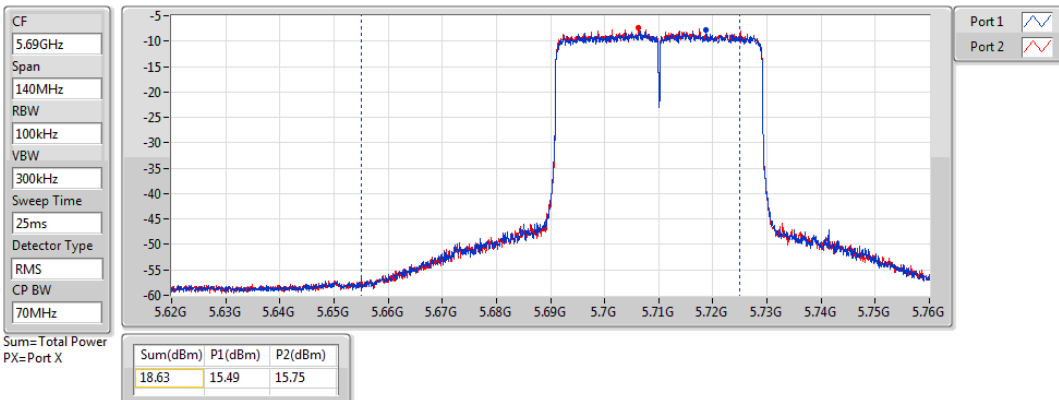


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

14/01/2020

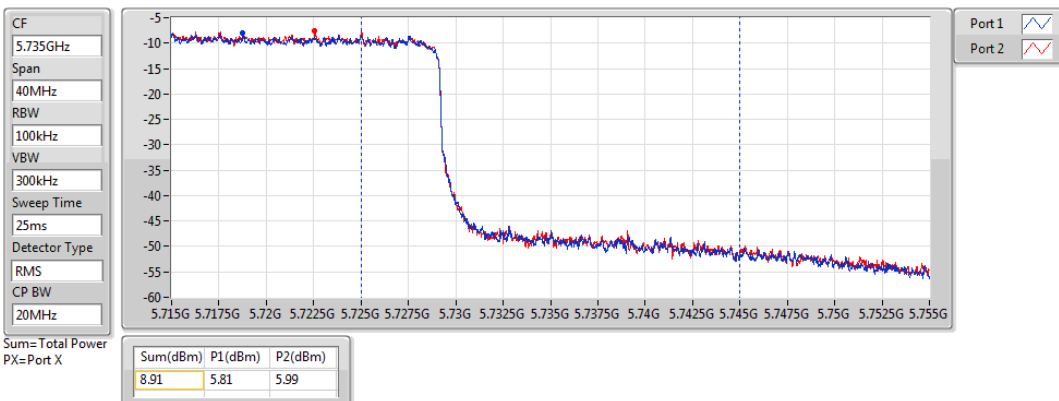


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

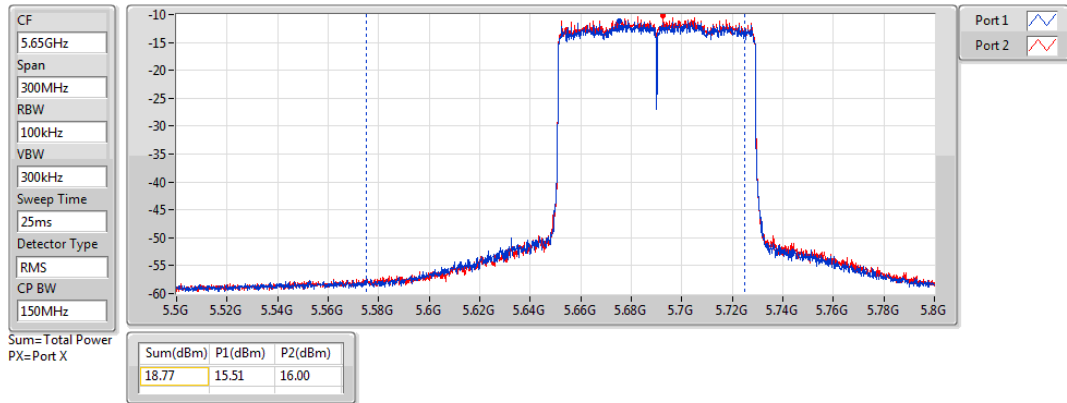
14/01/2020



802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

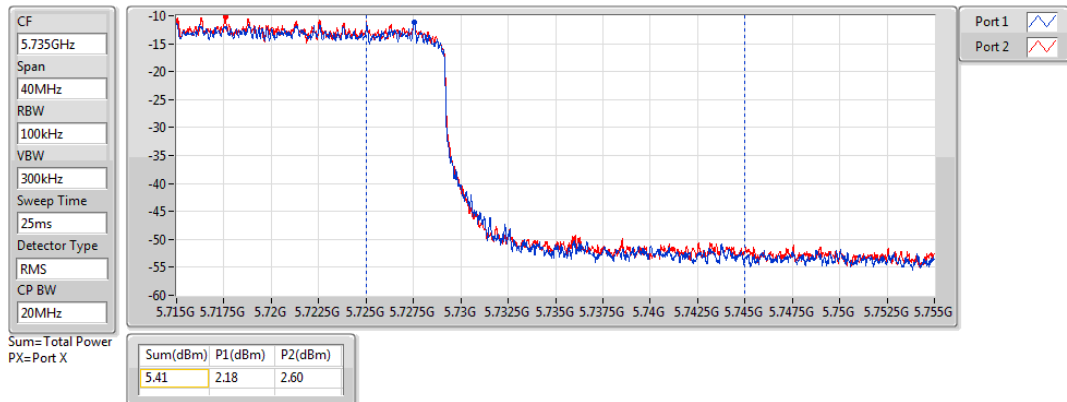
5690MHz Straddle 5.47-5.725GHz



802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	20.97	0.12503	29.10	0.81283
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.25	0.13335	29.38	0.86696
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	21.00	0.12589	29.13	0.81846
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.23	0.13274	29.36	0.86298
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.33	0.13583	29.46	0.88308
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	21.06	0.12764	29.19	0.82985
5.47-5.725GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.13	0.12972	29.26	0.84333
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.13	0.12972	29.26	0.84333
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	21.21	0.13213	29.34	0.85901
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.30	0.13490	29.43	0.87700
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.35	0.13646	29.48	0.88716
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	21.25	0.13335	29.38	0.86696
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	14.75	0.02985	22.88	0.19409
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	9.47	0.00885	17.60	0.05754
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	6.80	0.00479	14.93	0.03112
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	15.19	0.03304	23.32	0.21478
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	10.43	0.01104	18.56	0.07178
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	7.90	0.00617	16.03	0.04009

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.13	17.91	18.01	20.97	21.85	29.10	30.00
5300MHz	Pass	8.13	17.79	18.00	20.91	21.85	29.04	30.00
5320MHz	Pass	8.13	17.67	17.96	20.83	21.85	28.96	30.00
5500MHz	Pass	8.13	18.27	17.97	21.13	21.85	29.26	30.00
5580MHz	Pass	8.13	17.98	18.21	21.11	21.85	29.24	30.00
5700MHz	Pass	8.13	18.01	18.16	21.10	21.85	29.23	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.13	17.10	17.26	20.19	20.87	28.32	29.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.13	11.63	11.85	14.75	27.87	22.88	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	8.13	18.33	18.14	21.25	21.85	29.38	30.00
5310MHz	Pass	8.13	17.56	17.53	20.56	21.85	28.69	30.00
5510MHz	Pass	8.13	16.09	16.11	19.11	21.85	27.24	30.00
5550MHz	Pass	8.13	17.86	18.18	21.03	21.85	29.16	30.00
5670MHz	Pass	8.13	18.01	18.22	21.13	21.85	29.26	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.13	17.91	17.94	20.94	21.85	29.07	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.13	7.55	4.99	9.47	27.87	17.60	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.13	17.95	18.02	21.00	21.85	29.13	30.00
5530MHz	Pass	8.13	16.54	16.12	19.35	21.85	27.48	30.00
5610MHz	Pass	8.13	18.17	18.22	21.21	21.85	29.34	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.13	17.72	18.08	20.91	21.85	29.04	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.13	3.46	4.09	6.80	27.87	14.93	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.13	18.07	18.37	21.23	21.85	29.36	30.00
5300MHz	Pass	8.13	18.10	18.17	21.15	21.85	29.28	30.00
5320MHz	Pass	8.13	17.84	18.28	21.08	21.85	29.21	30.00
5500MHz	Pass	8.13	18.30	18.28	21.30	21.85	29.43	30.00
5580MHz	Pass	8.13	18.11	18.30	21.22	21.85	29.35	30.00
5700MHz	Pass	8.13	18.16	18.40	21.29	21.85	29.42	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.13	17.19	17.32	20.27	20.82	28.40	28.95
5720MHz Straddle 5.725-5.85GHz	Pass	8.13	12.01	12.34	15.19	27.87	23.32	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	8.13	18.40	18.24	21.33	21.85	29.46	30.00
5310MHz	Pass	8.13	17.73	17.47	20.61	21.85	28.74	30.00
5510MHz	Pass	8.13	16.12	16.17	19.16	21.85	27.29	30.00
5550MHz	Pass	8.13	18.13	18.12	21.14	21.85	29.27	30.00
5670MHz	Pass	8.13	18.38	18.29	21.35	21.85	29.48	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.13	18.30	18.21	21.27	21.85	29.40	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.13	6.52	8.17	10.43	27.87	18.56	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.13	18.00	18.10	21.06	21.85	29.19	30.00
5530MHz	Pass	8.13	16.06	16.80	19.46	21.85	27.59	30.00
5610MHz	Pass	8.13	18.23	18.24	21.25	21.85	29.38	30.00



Average Power_Beamforming_Sample 1_Radio 1_2T1S

Appendix B.13

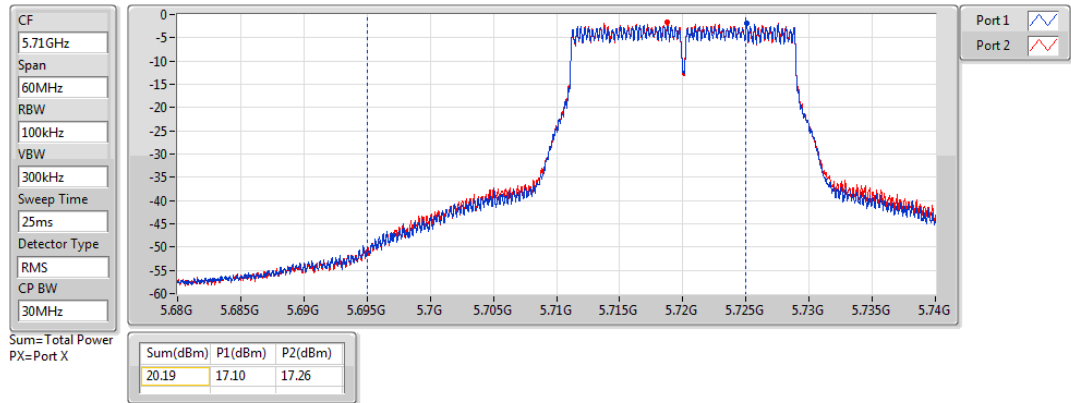
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5690MHz Straddle 5.47-5.725GHz	Pass	8.13	18.09	18.38	21.25	21.85	29.38	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.13	4.71	5.06	7.90	27.87	16.03	36.00

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

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

AV Power

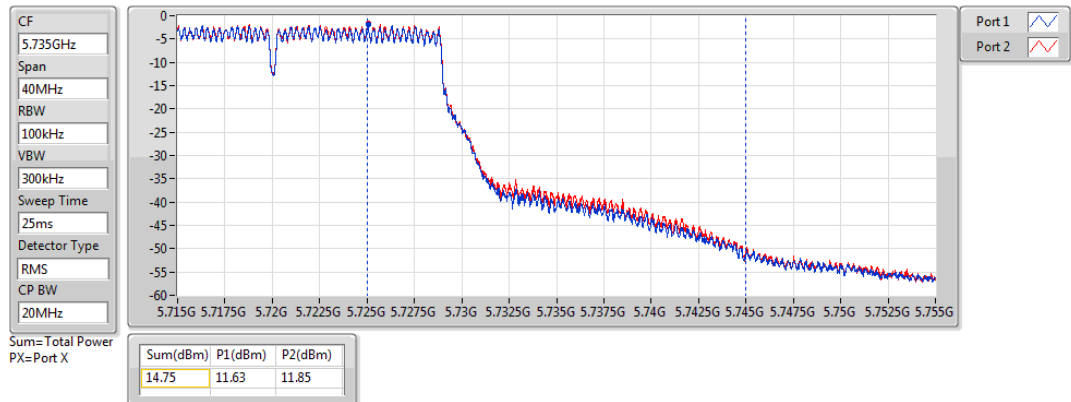
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

AV Power

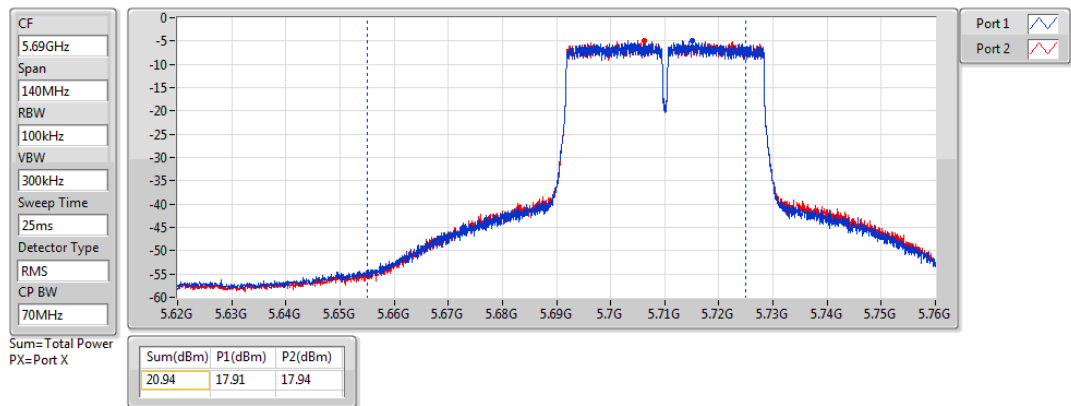
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

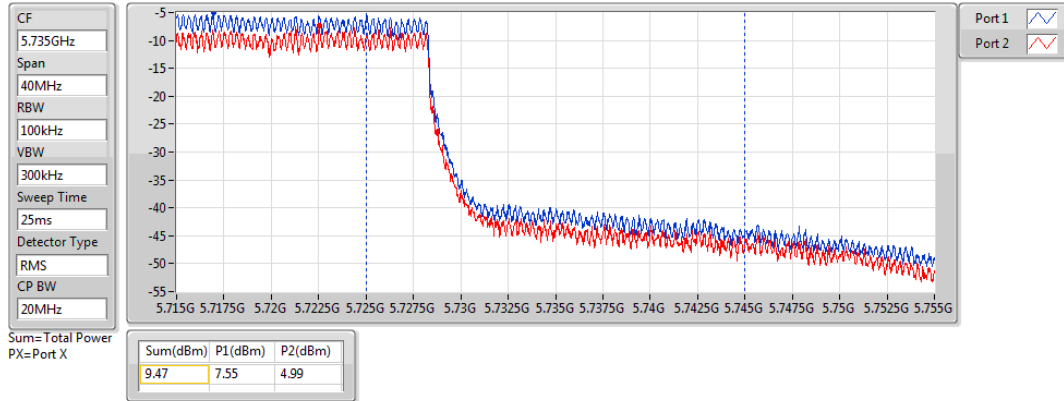


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

15/01/2020

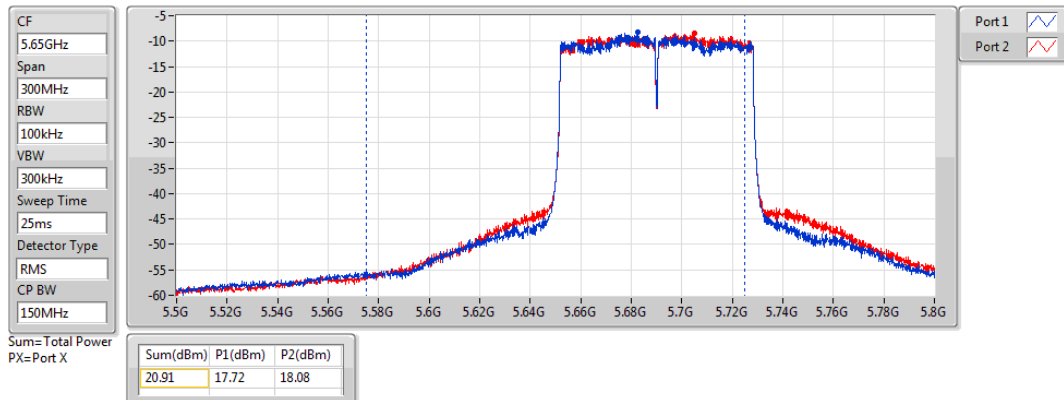


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

15/01/2020

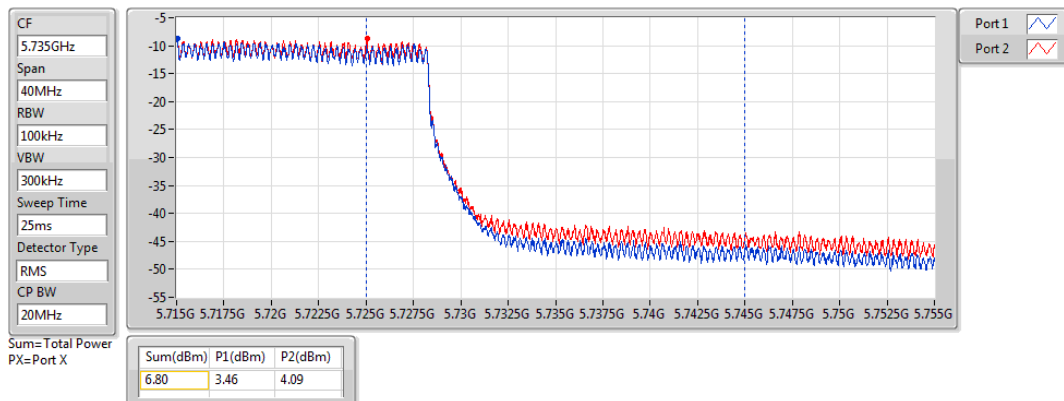


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

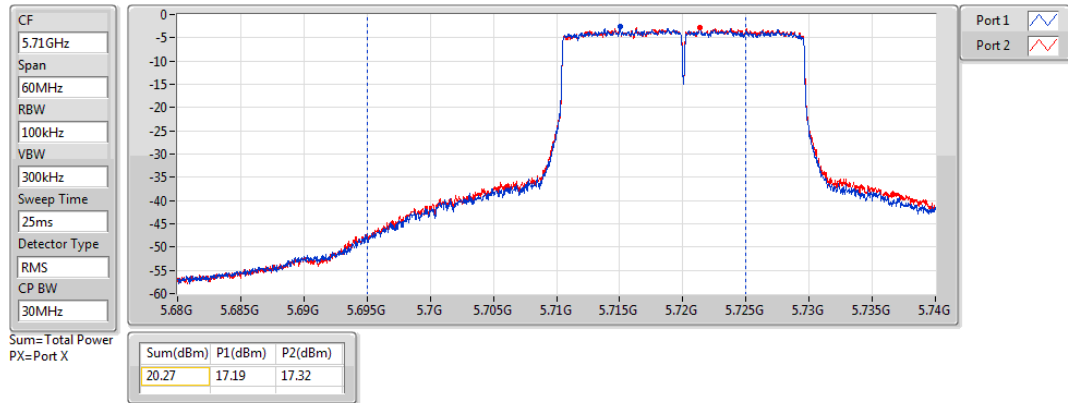
15/01/2020



802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz



802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

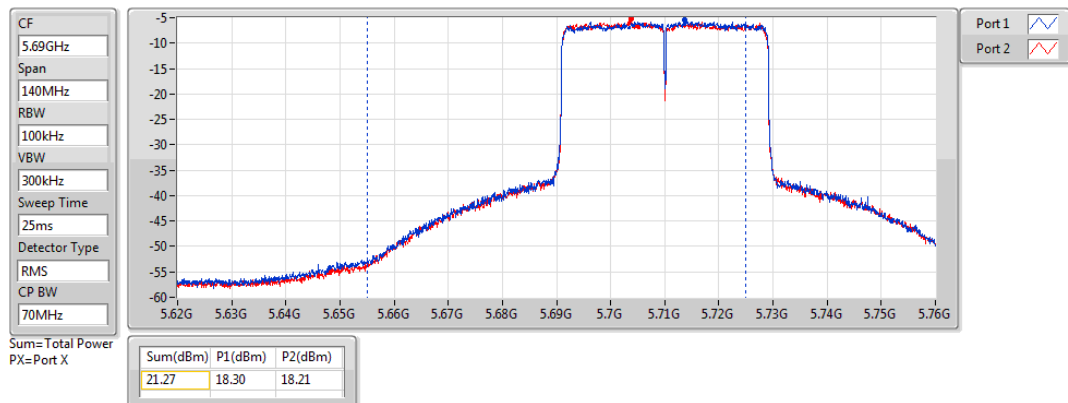
5720MHz Straddle 5.725-5.85GHz



802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

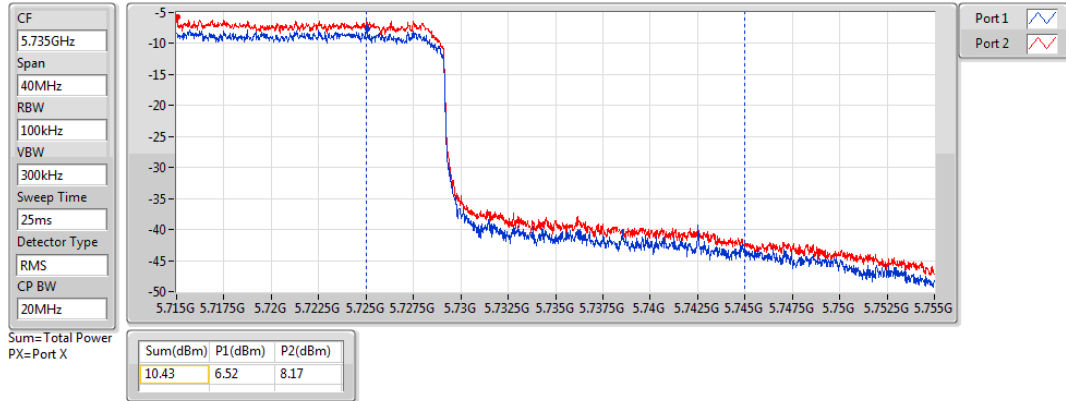


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

14/01/2020

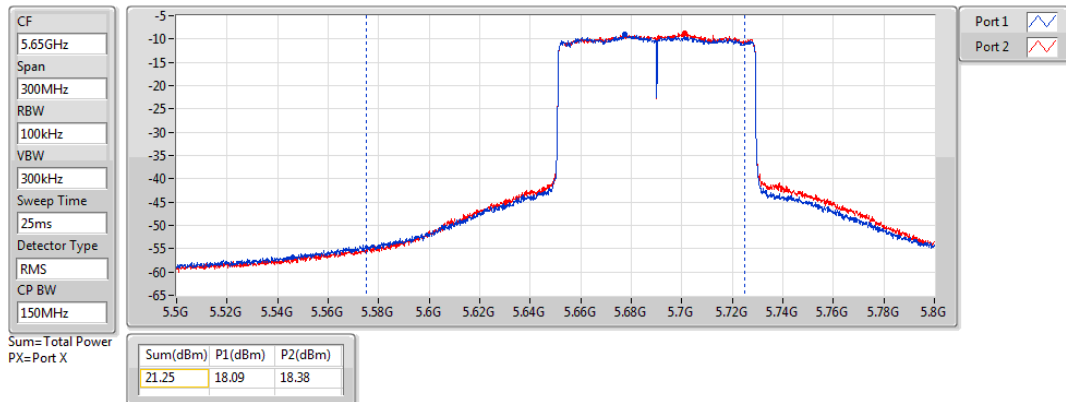


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

15/01/2020

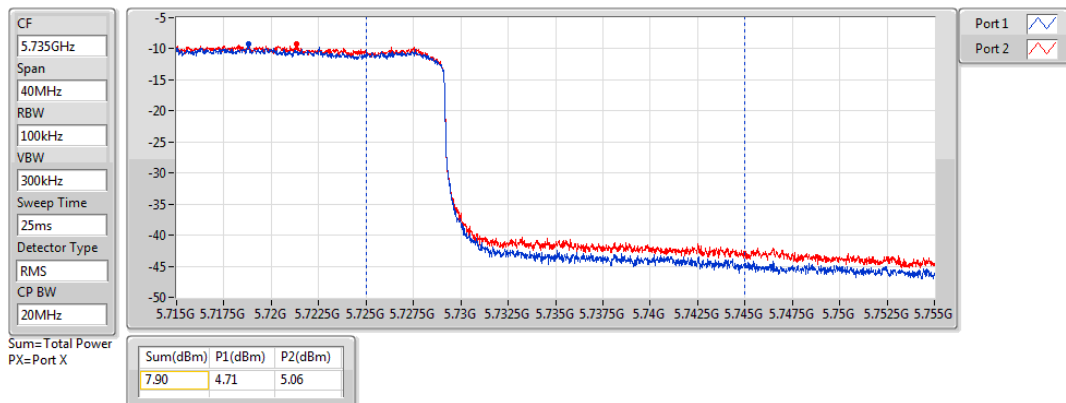


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

15/01/2020



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.20	0.13183	28.99	0.79250
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.01	0.12618	28.80	0.75858
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	19.78	0.09506	27.57	0.57148
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.36	0.13677	29.15	0.82224
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.34	0.13614	29.13	0.81846
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.37	0.10889	28.16	0.65464
5.47-5.725GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	20.91	0.12331	28.70	0.74131
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.26	0.13366	29.05	0.80353
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	21.09	0.12853	28.88	0.77268
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.29	0.13459	29.08	0.80910
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.34	0.13614	29.13	0.81846
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	21.30	0.13490	29.09	0.81096
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	14.25	0.02661	22.04	0.15996
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	10.84	0.01213	18.63	0.07295
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	6.70	0.00468	14.49	0.02812
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	14.95	0.03126	22.74	0.18793
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	11.48	0.01406	19.27	0.08453
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	7.82	0.00605	15.61	0.03639

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	7.79	18.19	18.19	21.20	22.19	28.99	30.00
5300MHz	Pass	7.79	17.91	18.06	21.00	22.19	28.79	30.00
5320MHz	Pass	7.79	18.08	18.00	21.05	22.19	28.84	30.00
5500MHz	Pass	7.79	17.73	18.07	20.91	22.19	28.70	30.00
5580MHz	Pass	7.79	17.45	18.16	20.83	22.19	28.62	30.00
5700MHz	Pass	7.79	16.57	17.53	20.09	22.19	27.88	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	7.79	16.53	17.36	19.98	21.23	27.77	29.02
5720MHz Straddle 5.725-5.85GHz	Pass	7.79	10.73	11.70	14.25	28.21	22.04	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	7.79	18.21	17.78	21.01	22.19	28.80	30.00
5310MHz	Pass	7.79	17.07	17.22	20.16	22.19	27.95	30.00
5510MHz	Pass	7.79	15.64	16.20	18.94	22.19	26.73	30.00
5550MHz	Pass	7.79	18.12	18.01	21.08	22.19	28.87	30.00
5670MHz	Pass	7.79	17.90	18.46	21.20	22.19	28.99	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	7.79	18.03	18.46	21.26	22.19	29.05	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	7.79	7.54	8.10	10.84	28.21	18.63	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	7.79	16.45	17.06	19.78	22.19	27.57	30.00
5530MHz	Pass	7.79	15.78	16.61	19.23	22.19	27.02	30.00
5610MHz	Pass	7.79	17.83	18.11	20.98	22.19	28.77	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	7.79	17.72	18.41	21.09	22.19	28.88	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	7.79	3.28	4.07	6.70	28.21	14.49	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	7.79	18.33	18.16	21.26	22.19	29.05	30.00
5300MHz	Pass	7.79	18.39	18.30	21.36	22.19	29.15	30.00
5320MHz	Pass	7.79	18.32	18.20	21.27	22.19	29.06	30.00
5500MHz	Pass	7.79	17.83	18.34	21.10	22.19	28.89	30.00
5580MHz	Pass	7.79	18.04	18.50	21.29	22.19	29.08	30.00
5700MHz	Pass	7.79	16.78	17.38	20.10	22.19	27.89	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	7.79	16.95	17.69	20.35	21.20	28.14	28.99
5720MHz Straddle 5.725-5.85GHz	Pass	7.79	11.77	12.11	14.95	28.21	22.74	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	7.79	18.10	18.55	21.34	22.19	29.13	30.00
5310MHz	Pass	7.79	17.23	17.13	20.19	22.19	27.98	30.00
5510MHz	Pass	7.79	15.99	16.29	19.15	22.19	26.94	30.00
5550MHz	Pass	7.79	17.98	18.20	21.10	22.19	28.89	30.00
5670MHz	Pass	7.79	18.18	18.47	21.34	22.19	29.13	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	7.79	18.09	18.50	21.31	22.19	29.10	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	7.79	8.12	8.79	11.48	28.21	19.27	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	7.79	17.47	17.25	20.37	22.19	28.16	30.00
5530MHz	Pass	7.79	16.22	16.27	19.26	22.19	27.05	30.00
5610MHz	Pass	7.79	17.86	18.35	21.12	22.19	28.91	30.00