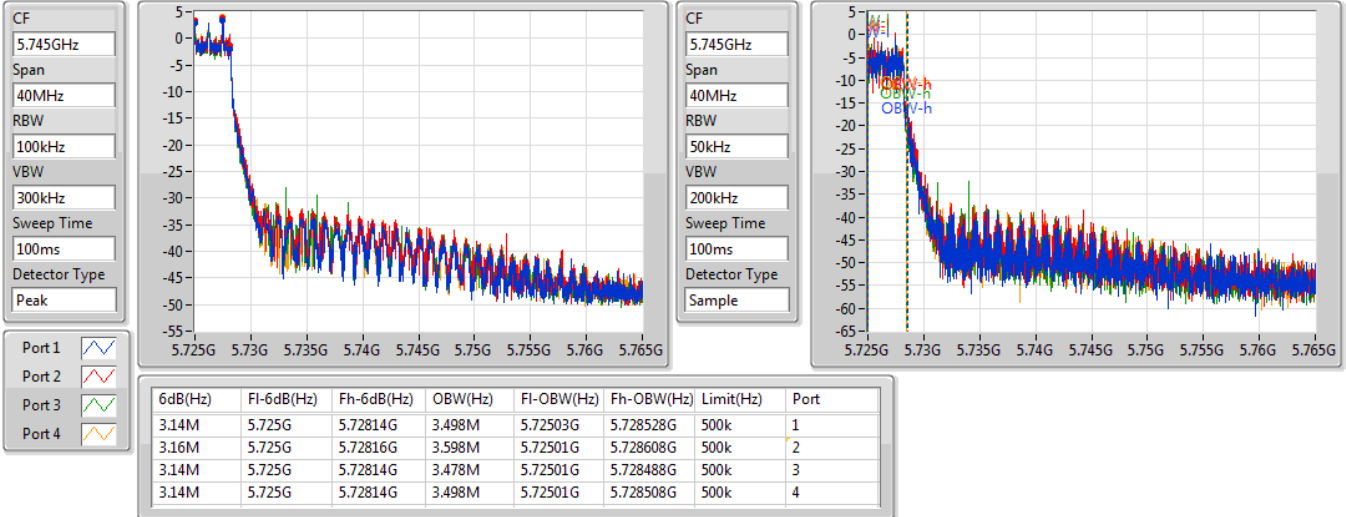
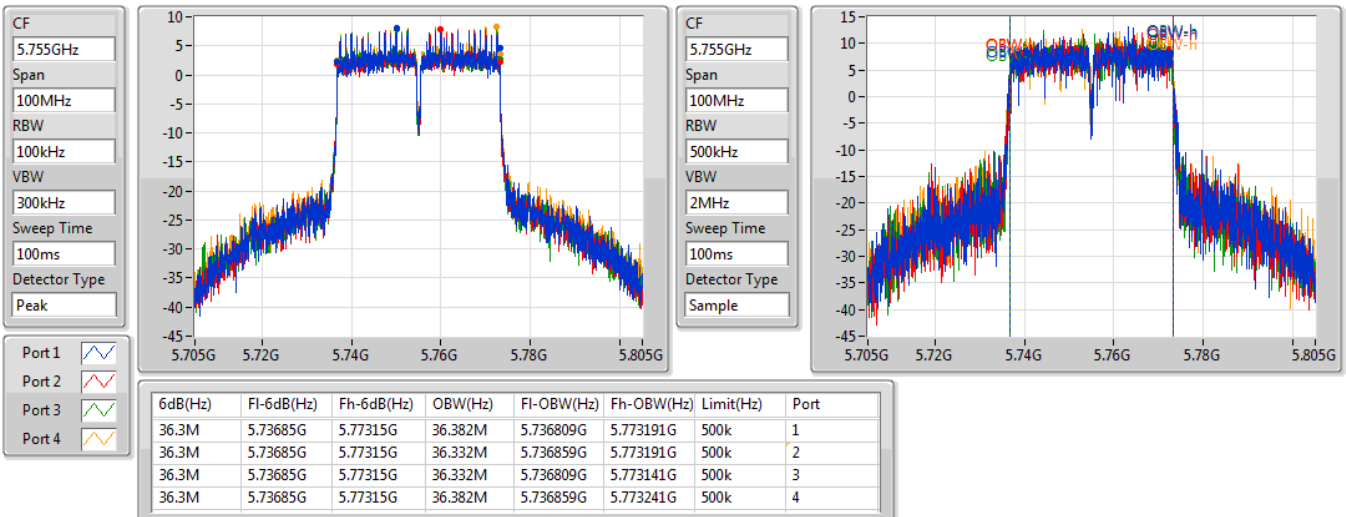


802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.725-5.85GHz

22/11/2019

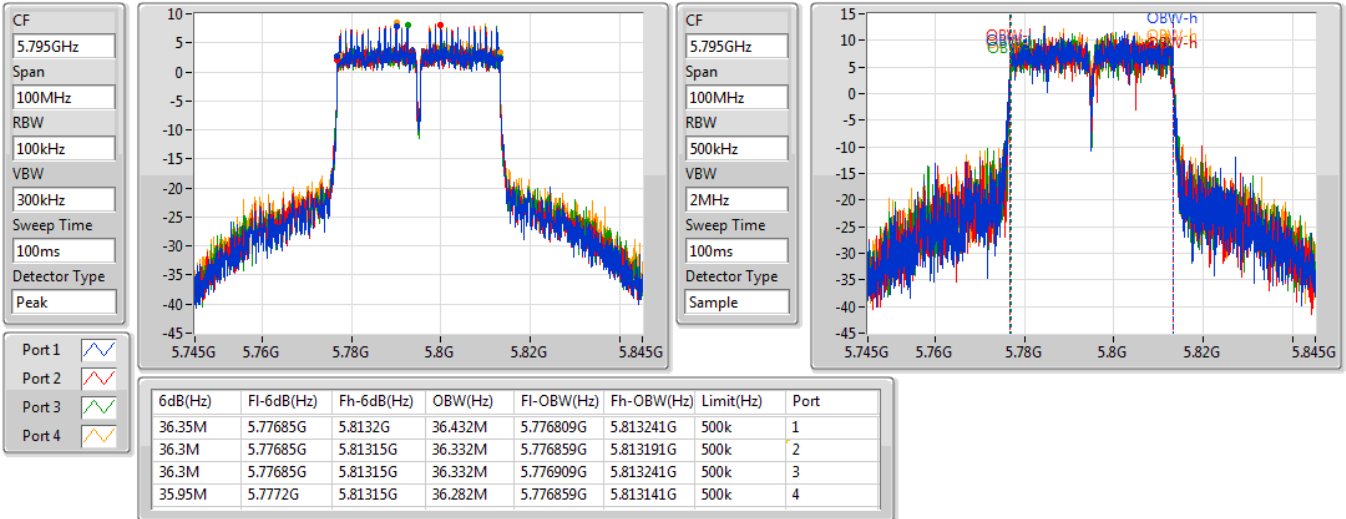

802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5755MHz

16/11/2019

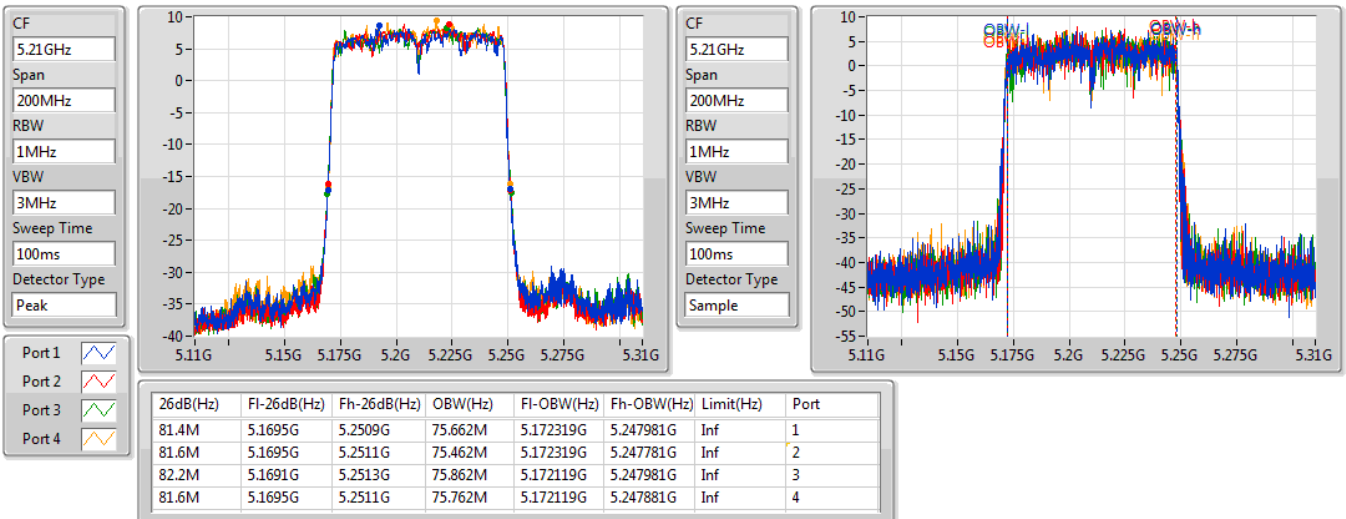


802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5795MHz

16/11/2019

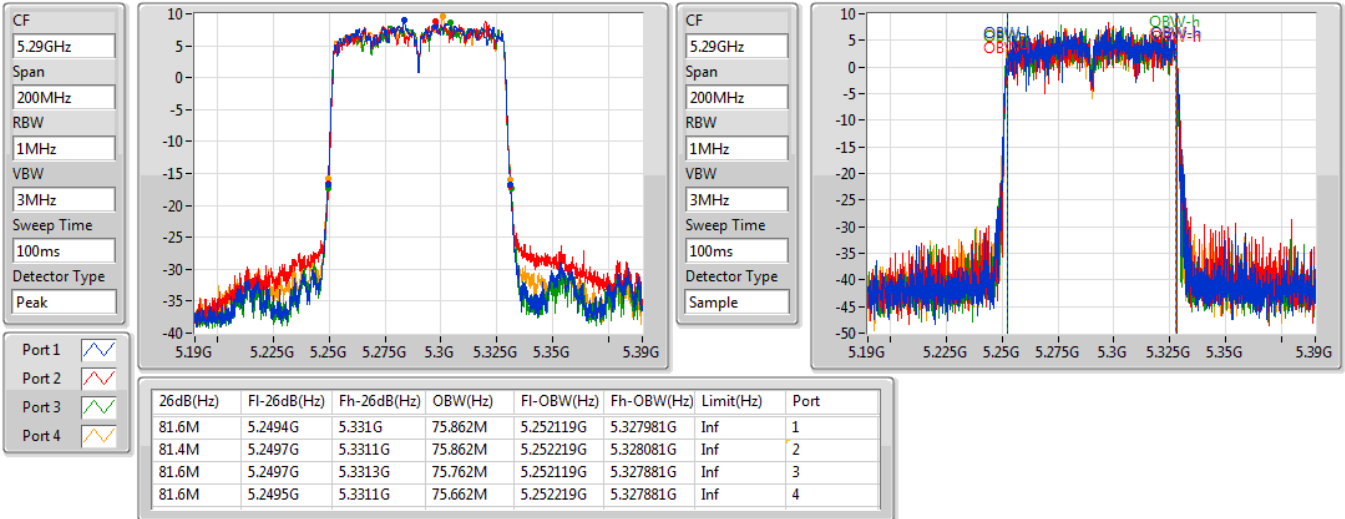

802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5210MHz

16/11/2019

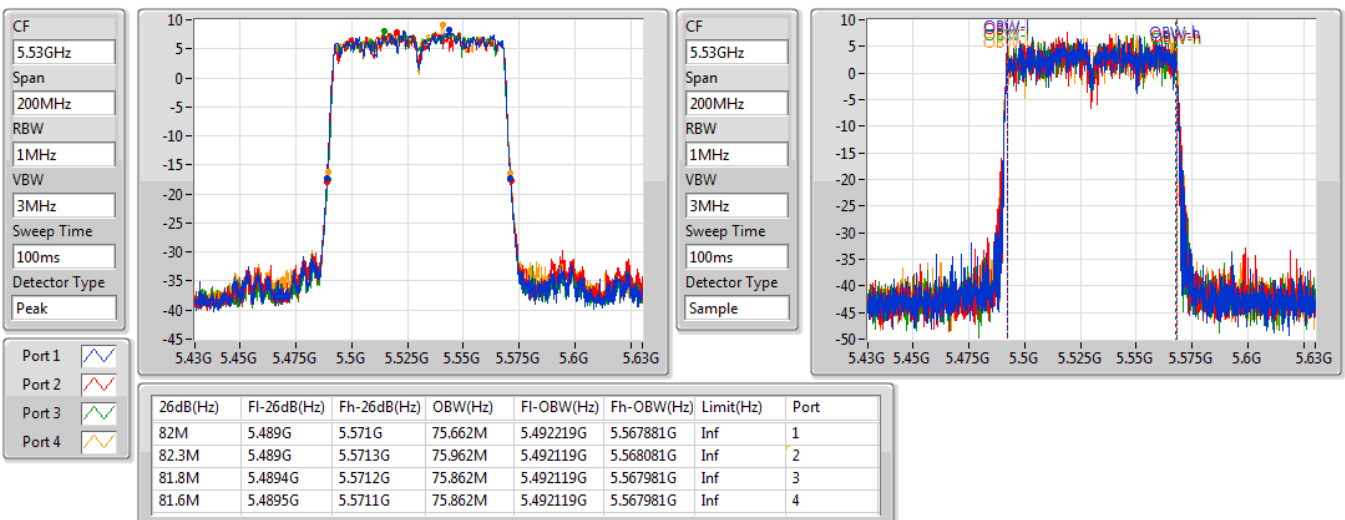


802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5290MHz

22/11/2019

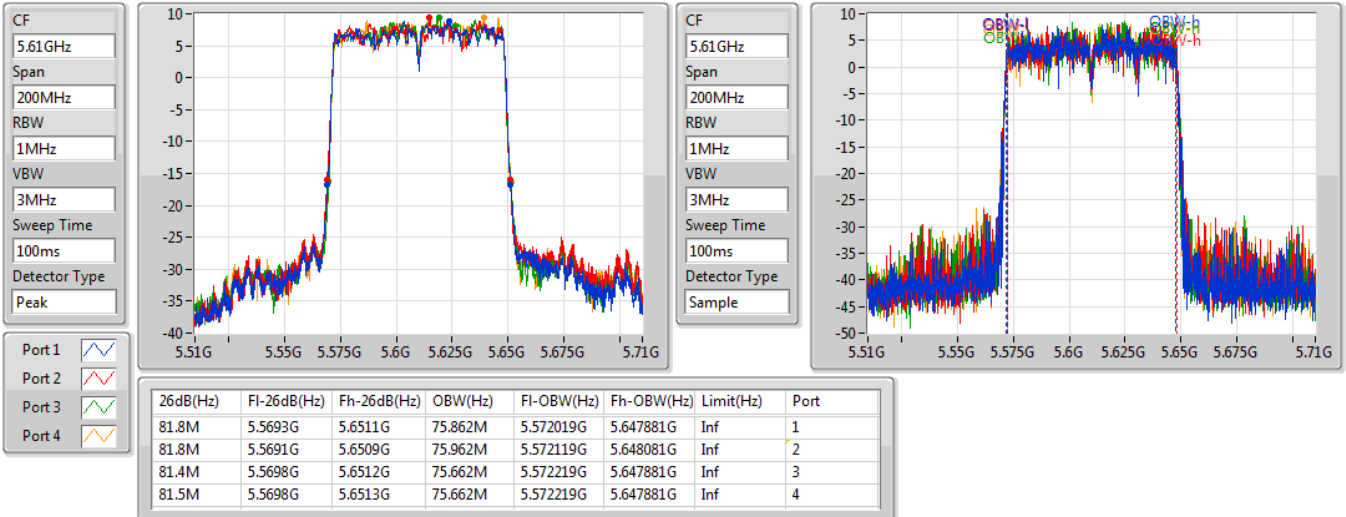

802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5530MHz

22/11/2019

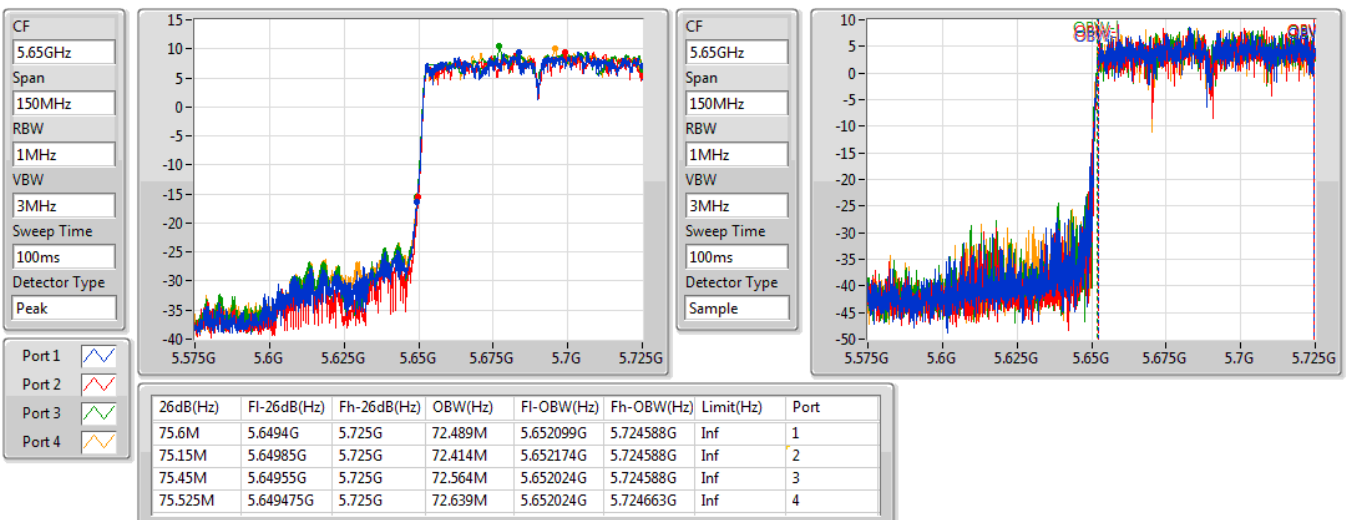


802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5610MHz

22/11/2019

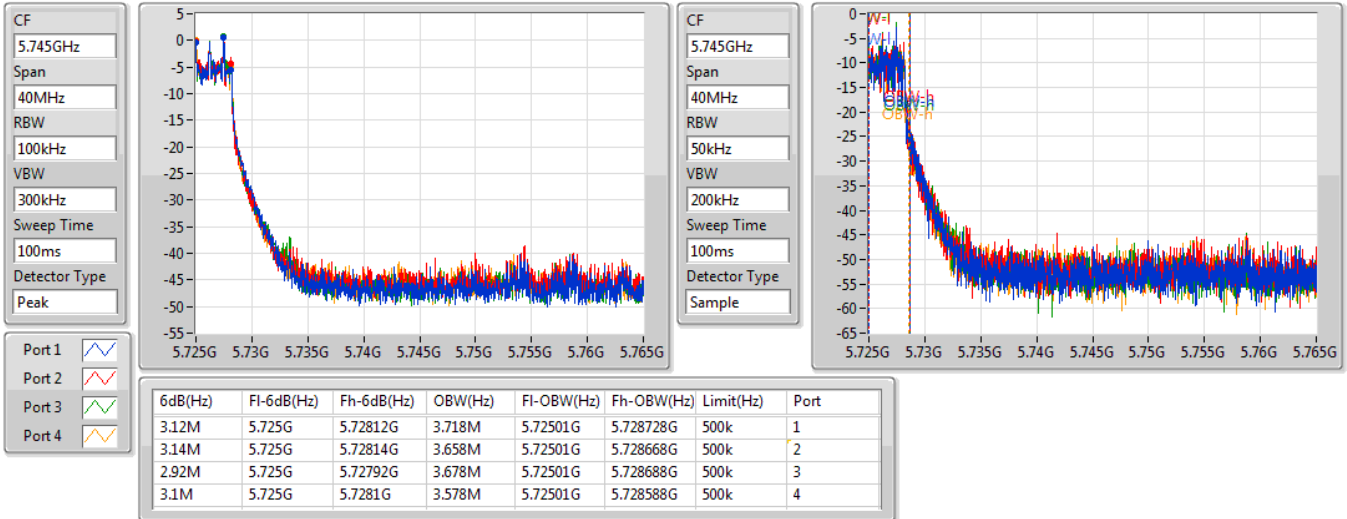

802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.47-5.725GHz

22/11/2019

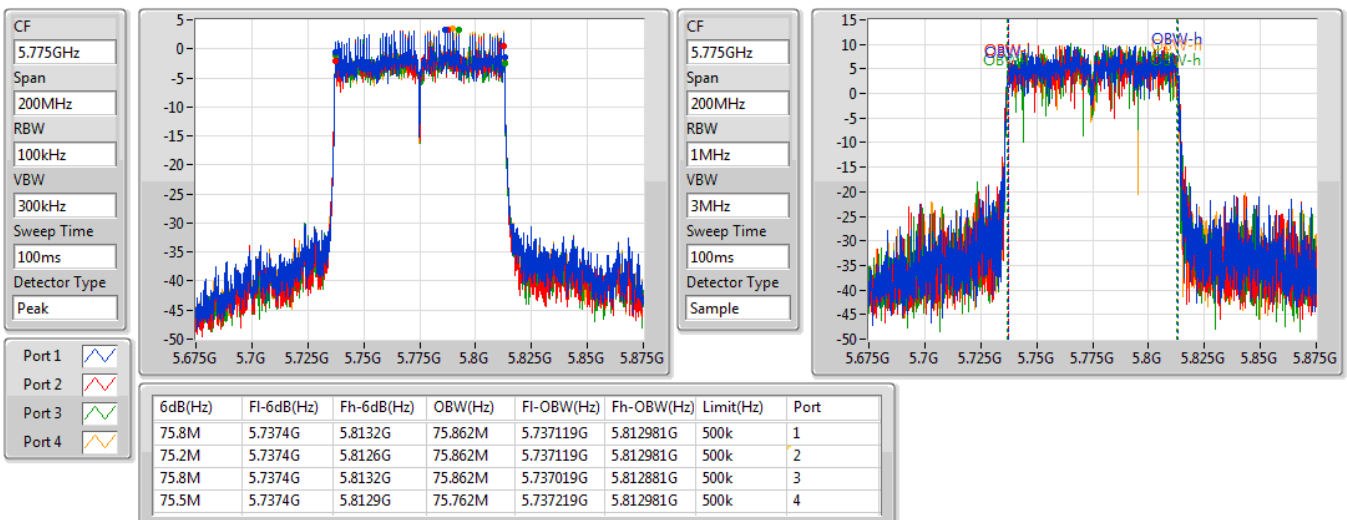


802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.725-5.85GHz

22/11/2019


802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5775MHz

16/11/2019



**For beamforming mode:
Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	43.125M	17.891M	17M9D1D	21.575M	17.741M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	81.1M	36.482M	36M5D1D	39.85M	36.132M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	81.7M	75.762M	75M8D1D	81M	75.662M
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.85M	17.766M	17M8D1D	21.5M	17.691M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	40.2M	36.382M	36M4D1D	39.7M	36.132M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	82.4M	75.862M	75M9D1D	81.1M	75.562M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.925M	17.791M	17M8D1D	15.615M	13.853M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	40.1M	36.332M	36M3D1D	34.79M	32.954M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	82.1M	75.862M	75M9D1D	75.15M	72.414M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	17.6M	17.841M	17M8D1D	3.76M	4.158M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	36.35M	36.482M	36M5D1D	3.14M	3.478M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	75.8M	76.162M	76M2D1D	2.92M	3.578M

Max-N dB = Maximum 6dB down bandwidth; **Max-OBW** = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; **Min-OBW** = Minimum 99% occupied bandwidth;

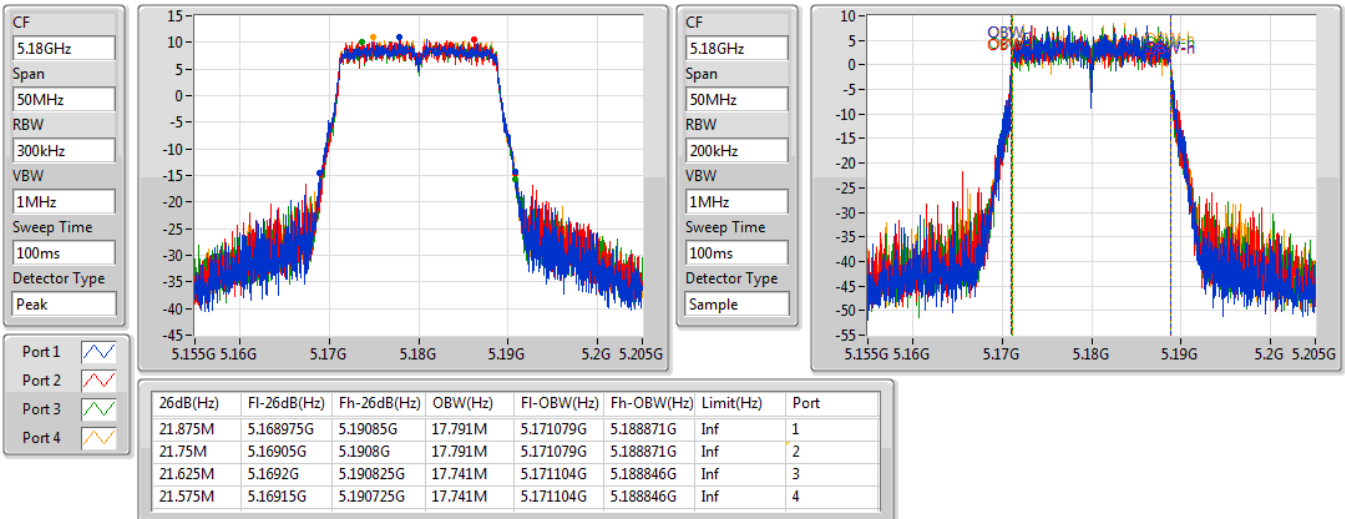
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.875M	17.791M	21.75M	17.791M	21.625M	17.741M	21.575M	17.741M
5200MHz	Pass	Inf	28.975M	17.816M	33.1M	17.841M	30.675M	17.766M	28.15M	17.791M
5240MHz	Pass	Inf	40.175M	17.816M	43.125M	17.891M	38.225M	17.766M	32.5M	17.766M
5260MHz	Pass	Inf	21.85M	17.716M	21.525M	17.716M	21.575M	17.766M	21.5M	17.716M
5300MHz	Pass	Inf	21.775M	17.716M	21.65M	17.741M	21.8M	17.691M	21.5M	17.741M
5320MHz	Pass	Inf	21.775M	17.741M	21.525M	17.766M	21.6M	17.766M	21.7M	17.716M
5500MHz	Pass	Inf	21.725M	17.766M	21.625M	17.716M	21.7M	17.741M	21.475M	17.741M
5580MHz	Pass	Inf	21.925M	17.791M	21.625M	17.741M	21.575M	17.741M	21.5M	17.691M
5700MHz	Pass	Inf	21.9M	17.766M	21.625M	17.716M	21.675M	17.716M	21.65M	17.691M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.765M	13.913M	15.645M	13.853M	15.615M	13.883M	15.78M	13.853M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.76M	4.158M	3.78M	4.298M	3.76M	4.198M	3.76M	4.198M
5745MHz	Pass	500k	17.6M	17.791M	17.575M	17.816M	17.55M	17.741M	17.55M	17.766M
5785MHz	Pass	500k	17.55M	17.841M	17.55M	17.791M	17.575M	17.816M	17.575M	17.741M
5825MHz	Pass	500k	17.55M	17.816M	17.575M	17.791M	17.55M	17.791M	17.55M	17.791M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.2M	36.282M	39.9M	36.282M	39.95M	36.132M	39.85M	36.282M
5230MHz	Pass	Inf	75.95M	36.382M	74.8M	36.482M	69.5M	36.282M	81.1M	36.432M
5270MHz	Pass	Inf	40.2M	36.132M	39.7M	36.382M	39.9M	36.332M	39.9M	36.282M
5310MHz	Pass	Inf	40.15M	36.182M	39.9M	36.282M	39.8M	36.182M	39.9M	36.232M
5510MHz	Pass	Inf	40.1M	36.282M	39.8M	36.282M	39.85M	36.332M	39.8M	36.182M
5550MHz	Pass	Inf	40.05M	36.232M	39.95M	36.232M	39.75M	36.282M	39.8M	36.282M
5670MHz	Pass	Inf	40.1M	36.282M	39.85M	36.232M	39.7M	36.182M	39.85M	36.282M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.245M	33.023M	34.79M	32.989M	34.895M	32.954M	34.93M	32.954M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	3.498M	3.16M	3.578M	3.14M	3.518M	3.14M	3.478M
5755MHz	Pass	500k	36.3M	36.282M	36.3M	36.382M	36.1M	36.332M	36.35M	36.432M
5795MHz	Pass	500k	36.3M	36.482M	36.35M	36.382M	35.9M	36.282M	36.3M	36.382M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.5M	75.662M	81.5M	75.762M	81.7M	75.762M	81M	75.662M
5290MHz	Pass	Inf	81.5M	75.762M	81.1M	75.862M	82.4M	75.662M	81.6M	75.562M
5530MHz	Pass	Inf	82M	75.762M	81.3M	75.862M	81.9M	75.662M	81.5M	75.562M
5610MHz	Pass	Inf	82.1M	75.762M	81.5M	75.762M	81.3M	75.862M	81.3M	75.662M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.6M	72.489M	75.825M	72.564M	75.3M	72.414M	75.15M	72.489M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	3.678M	3.14M	3.658M	2.92M	3.658M	3.12M	3.578M
5775MHz	Pass	500k	75.4M	75.862M	75.8M	76.162M	75.5M	75.962M	75.5M	75.862M

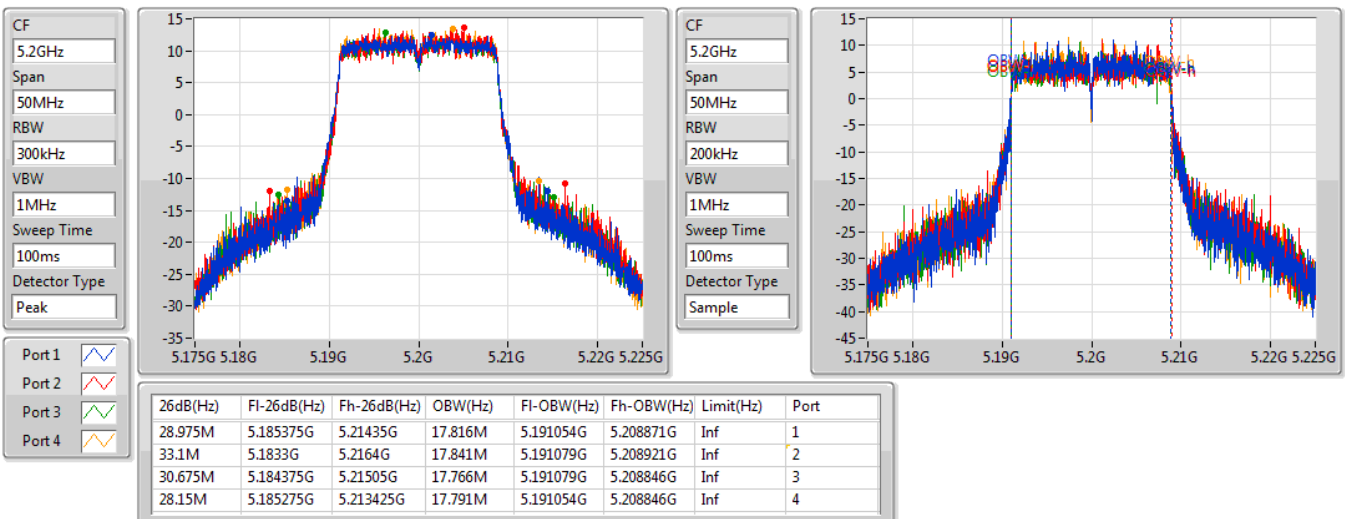
Port X-N dB = Port X 6dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

802.11ac VHT20-BF_Nss1,(MCS0)_4TX
EBW
5180MHz

16/11/2019

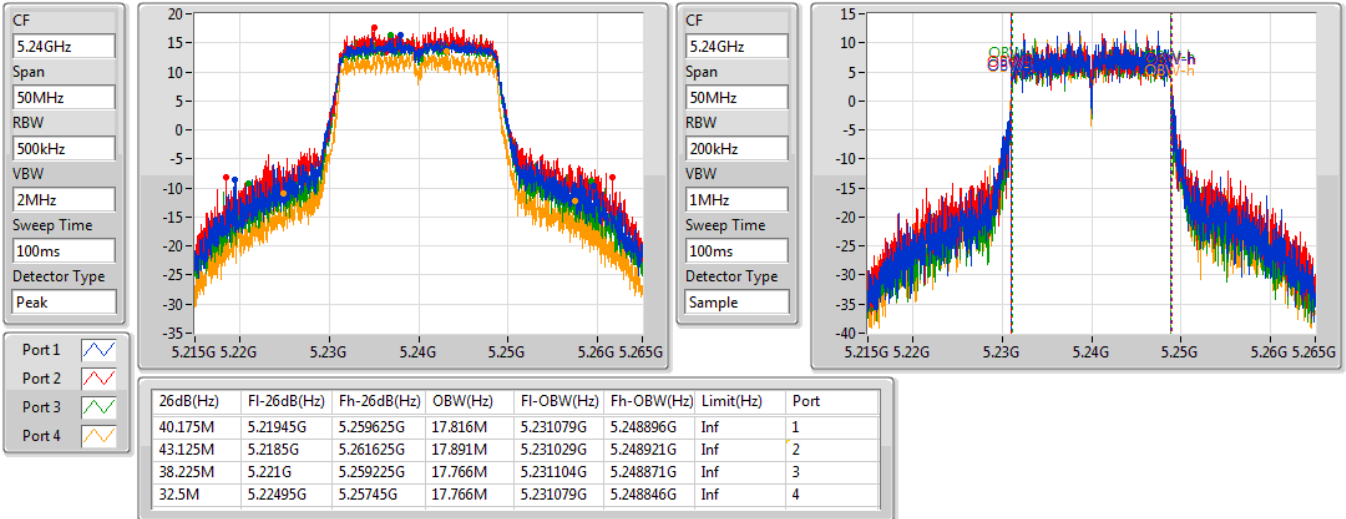

802.11ac VHT20-BF_Nss1,(MCS0)_4TX
EBW
5200MHz

16/11/2019

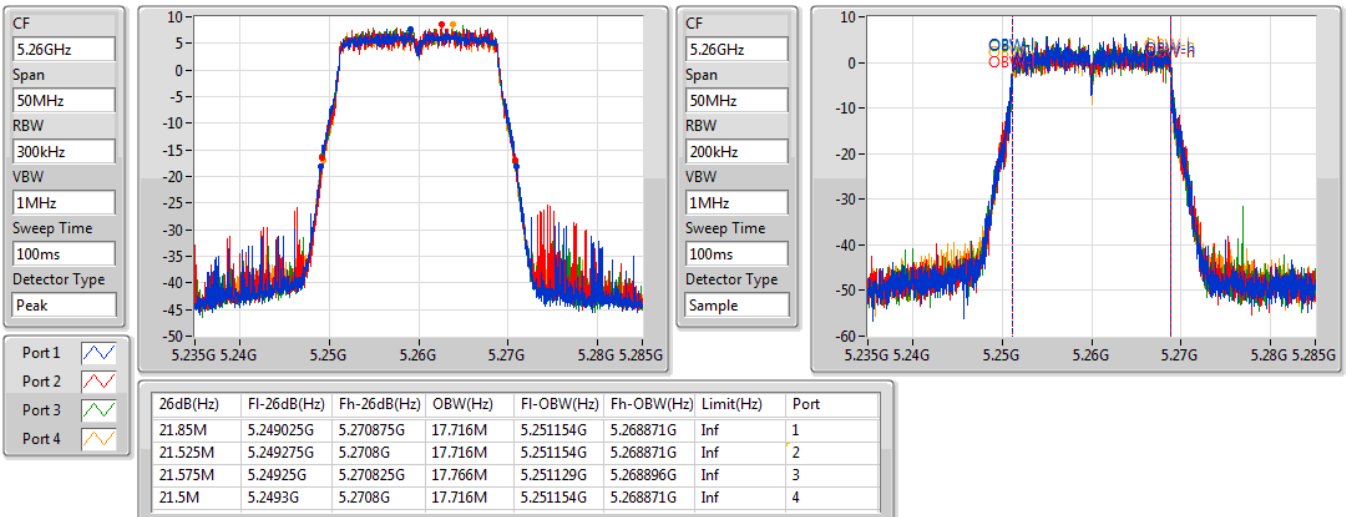


802.11ac VHT20-BF_Nss1,(MCS0)_4TX
EBW
5240MHz

16/11/2019

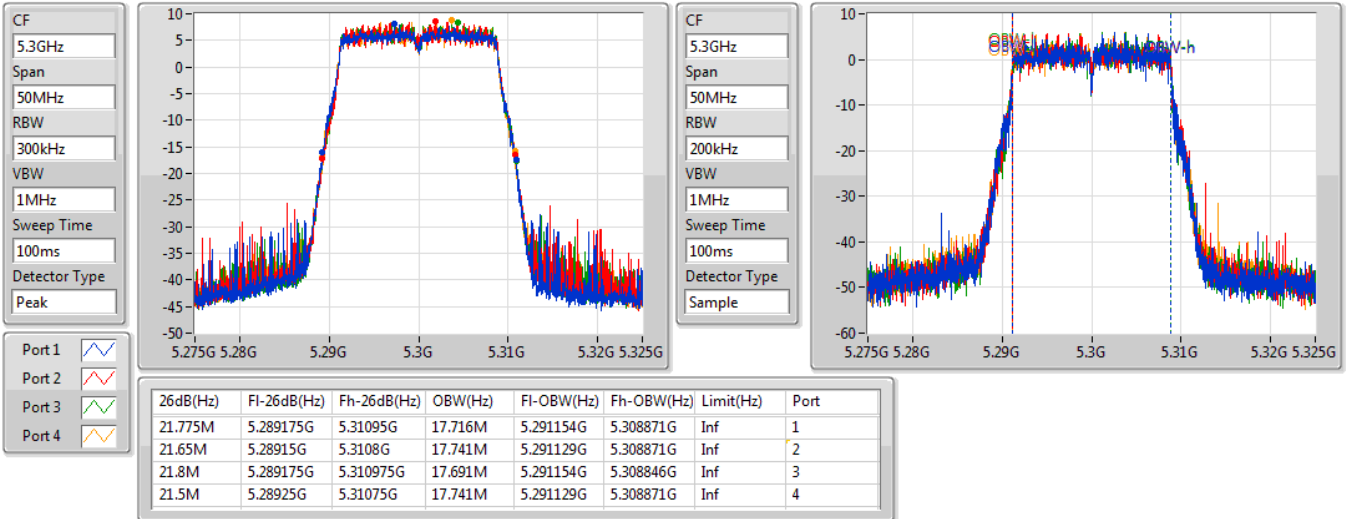

802.11ac VHT20-BF_Nss1,(MCS0)_4TX
EBW
5260MHz

22/11/2019

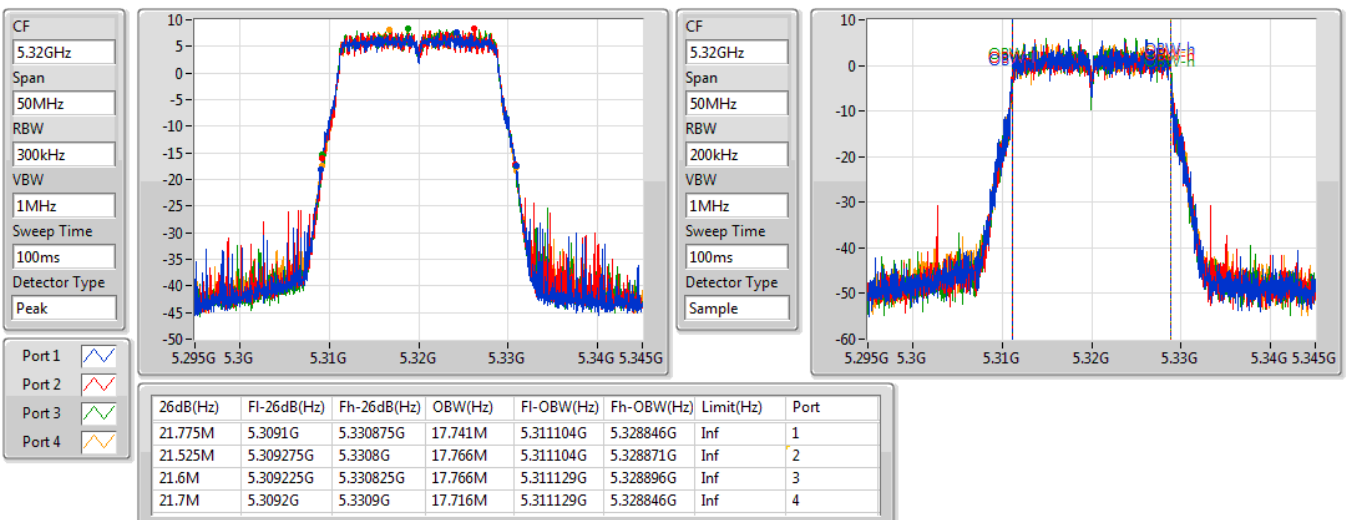


802.11ac VHT20-BF_Nss1,(MCS0)_4TX
EBW
5300MHz

22/11/2019

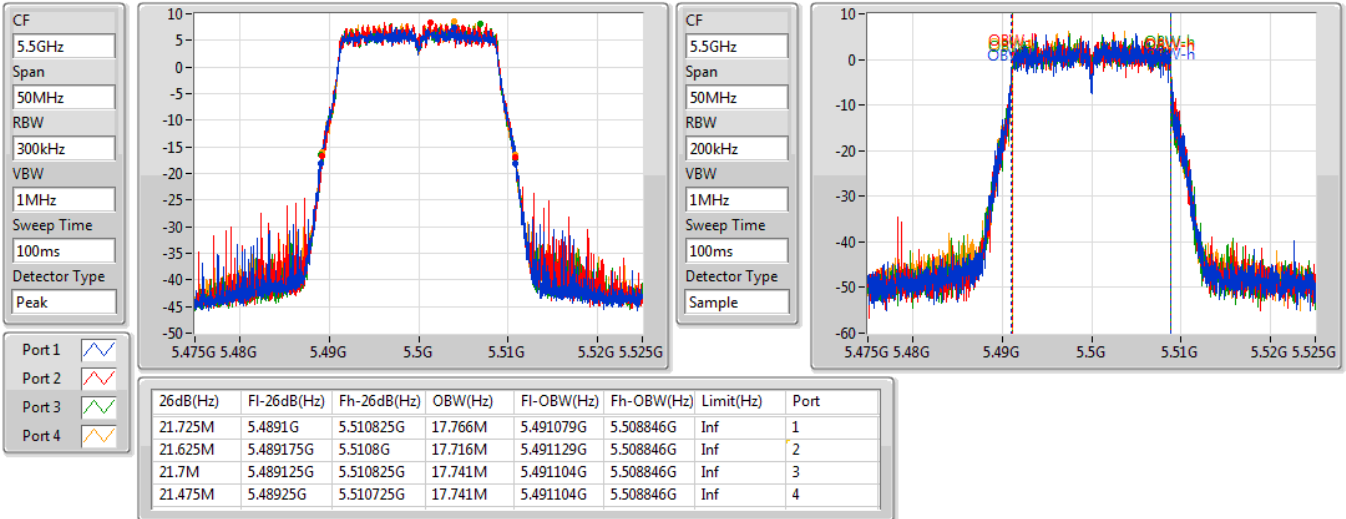

802.11ac VHT20-BF_Nss1,(MCS0)_4TX
EBW
5320MHz

22/11/2019

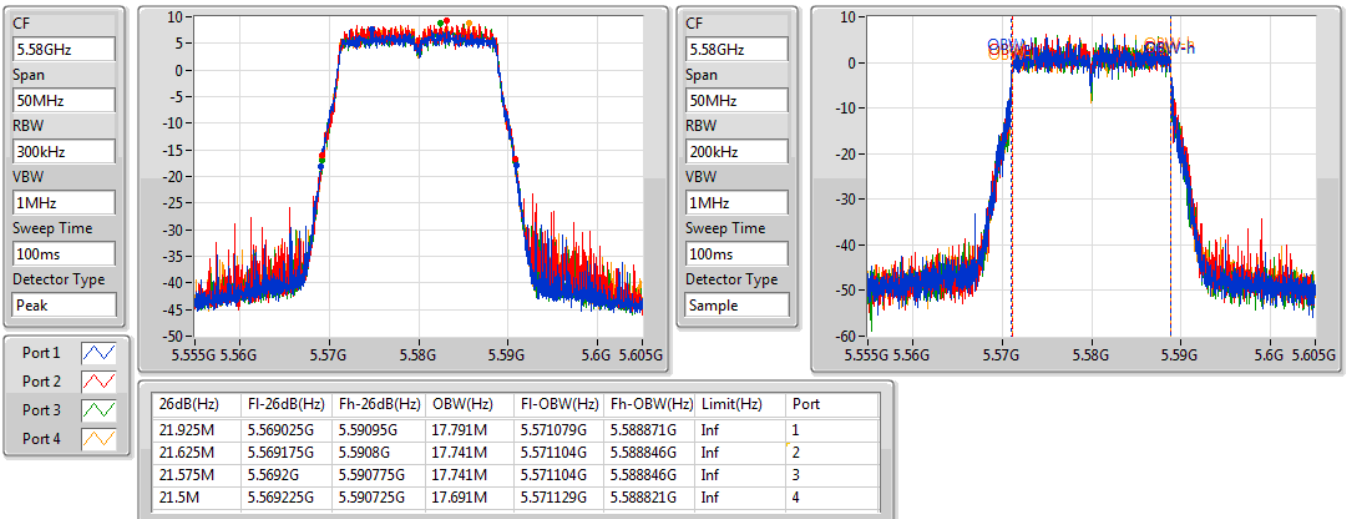


802.11ac VHT20-BF_Nss1,(MCS0)_4TX
EBW
5500MHz

22/11/2019

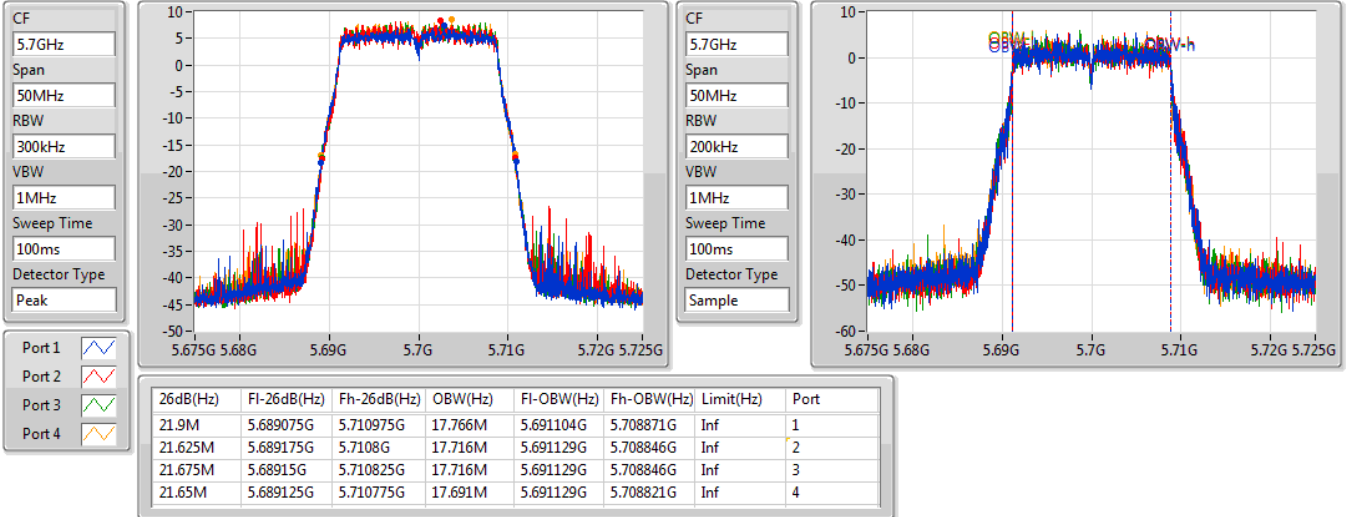

802.11ac VHT20-BF_Nss1,(MCS0)_4TX
EBW
5580MHz

22/11/2019

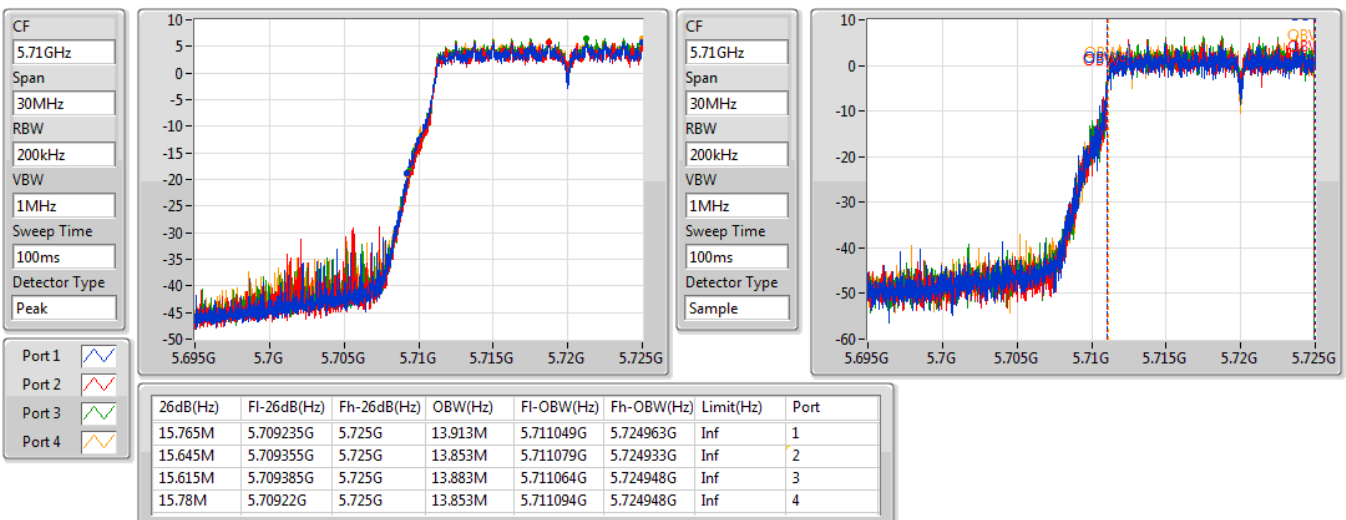


802.11ac VHT20-BF_Nss1,(MCS0)_4TX
EBW
5700MHz

22/11/2019

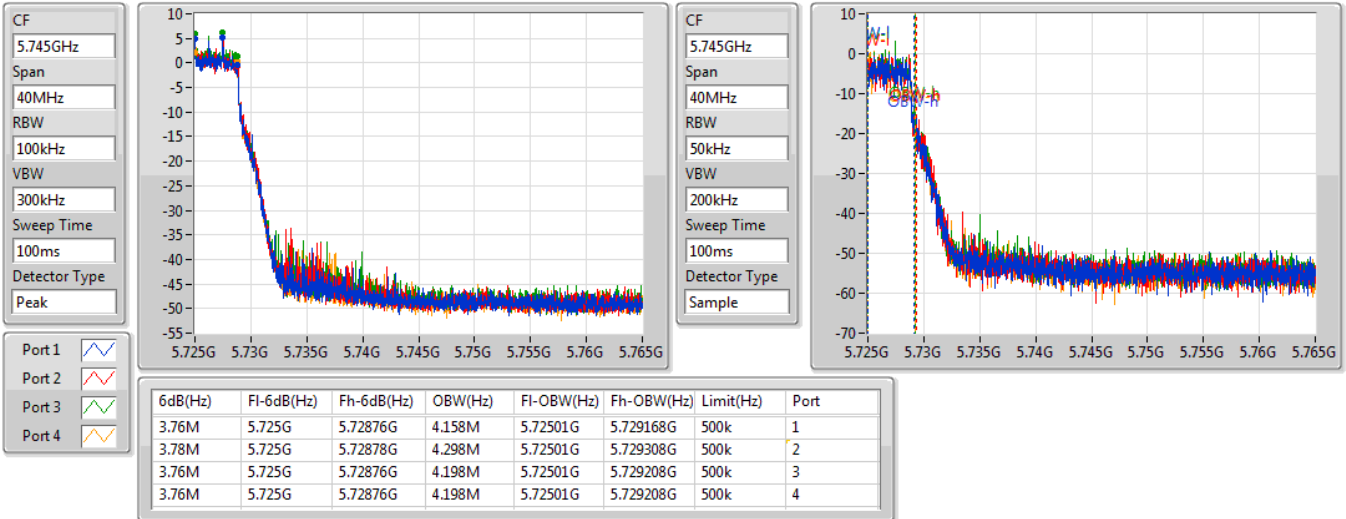

802.11ac VHT20-BF_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

23/11/2019

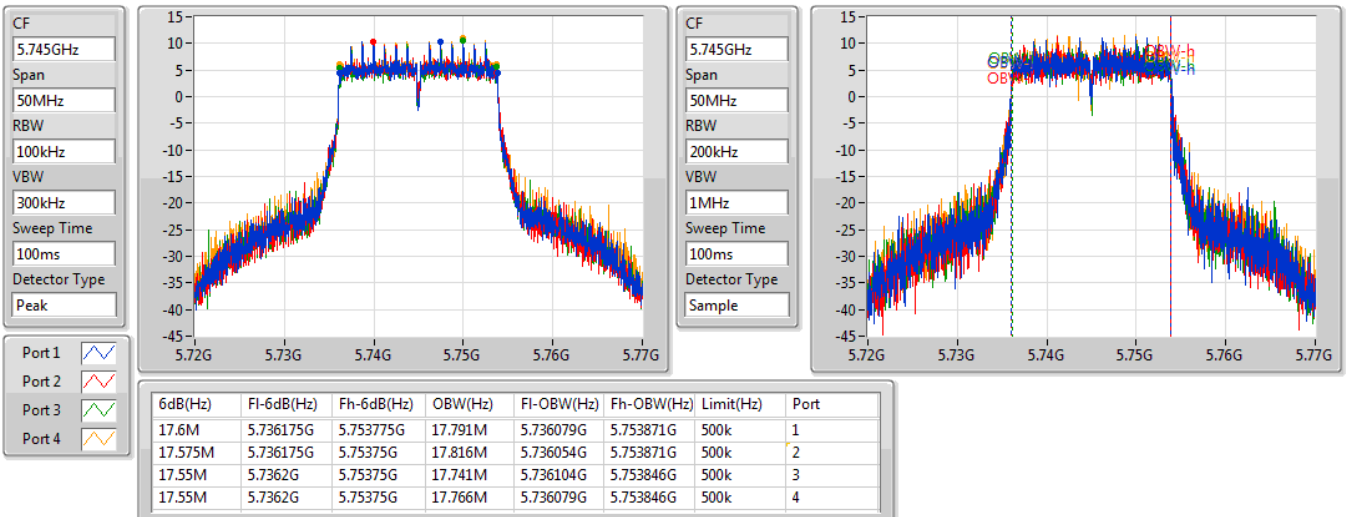


802.11ac VHT20-BF_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

23/11/2019

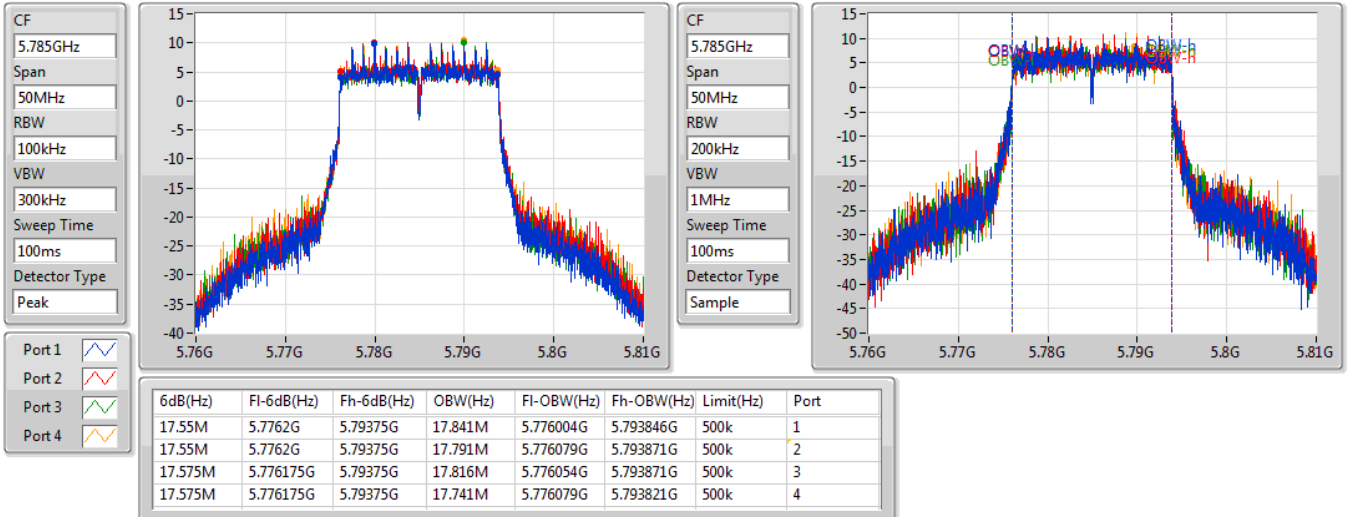

802.11ac VHT20-BF_Nss1,(MCS0)_4TX
EBW
5745MHz

16/11/2019

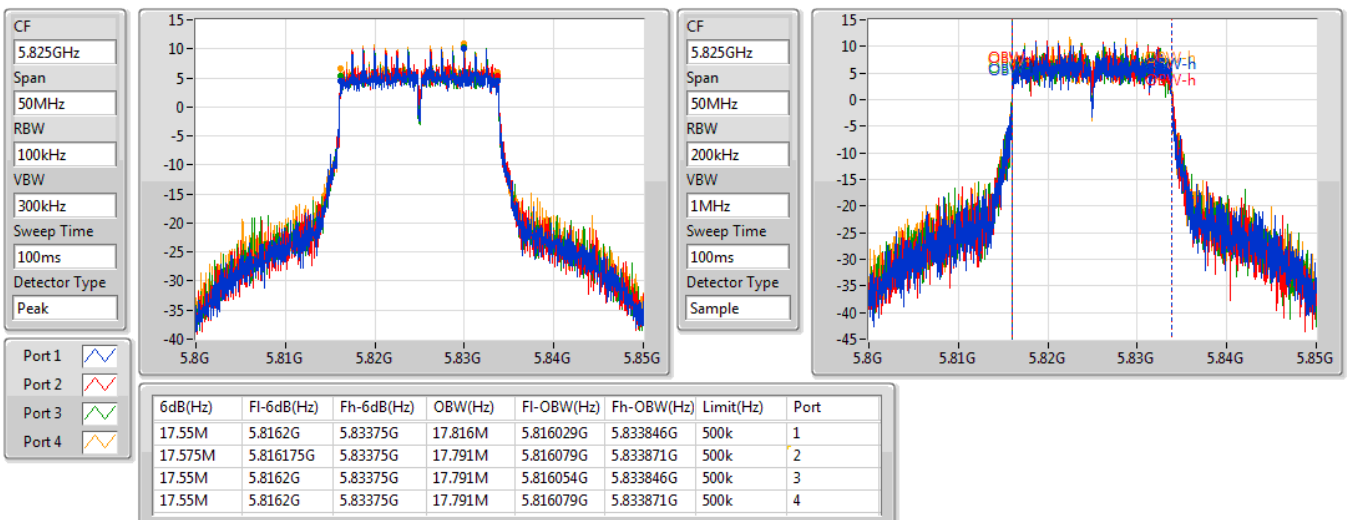


802.11ac VHT20-BF_Nss1,(MCS0)_4TX
EBW
5785MHz

16/11/2019

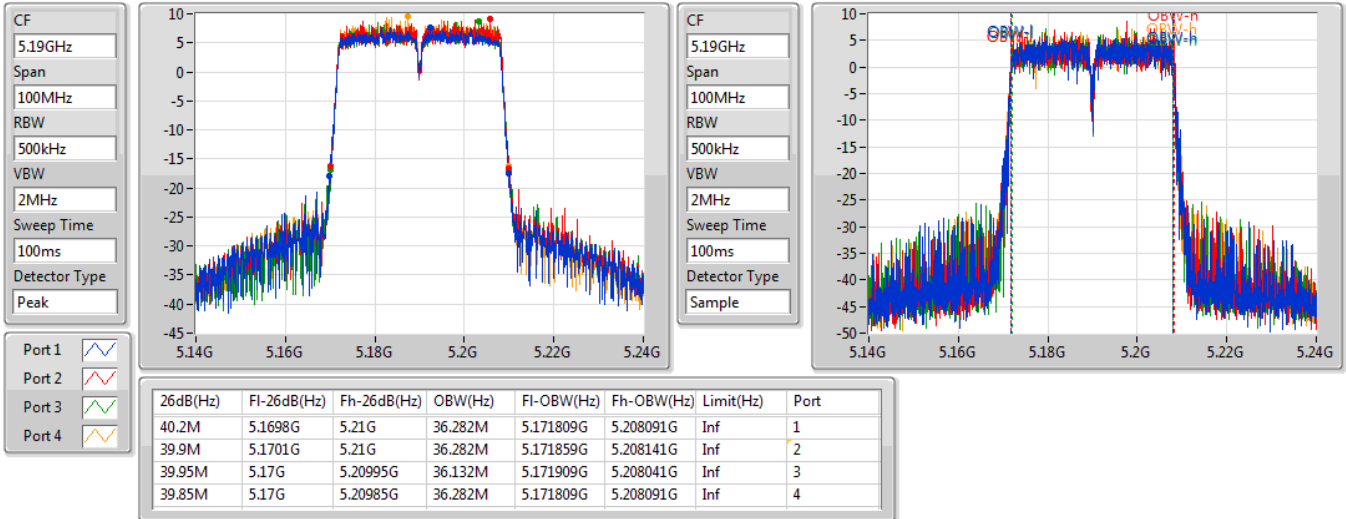

802.11ac VHT20-BF_Nss1,(MCS0)_4TX
EBW
5825MHz

16/11/2019

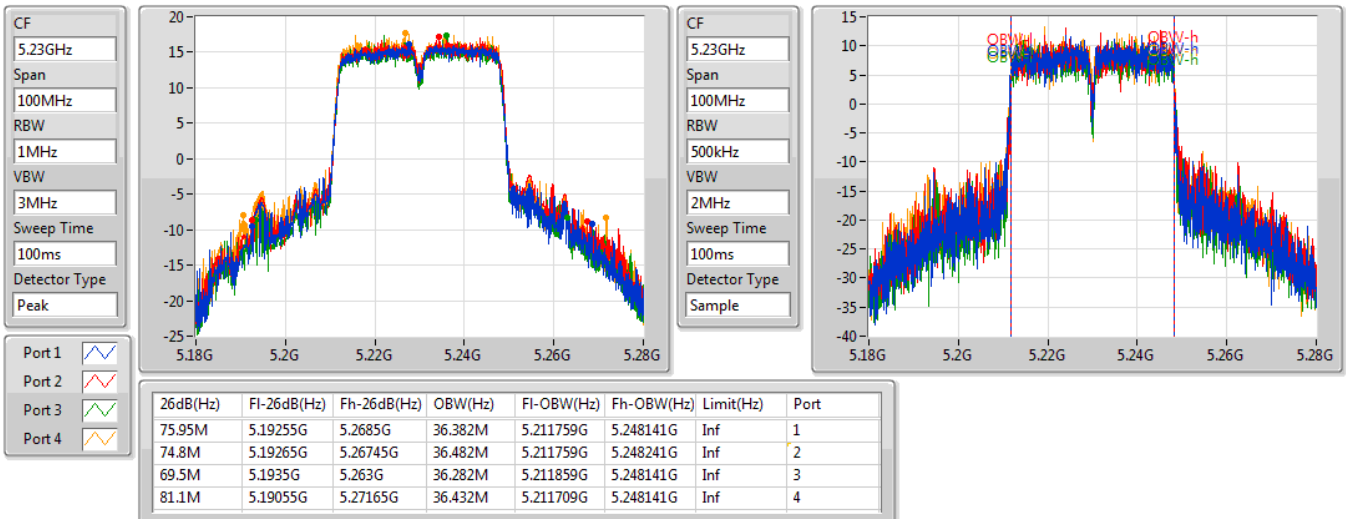


802.11ac VHT40-BF_Nss1,(MCS0)_4TX
EBW
5190MHz

16/11/2019

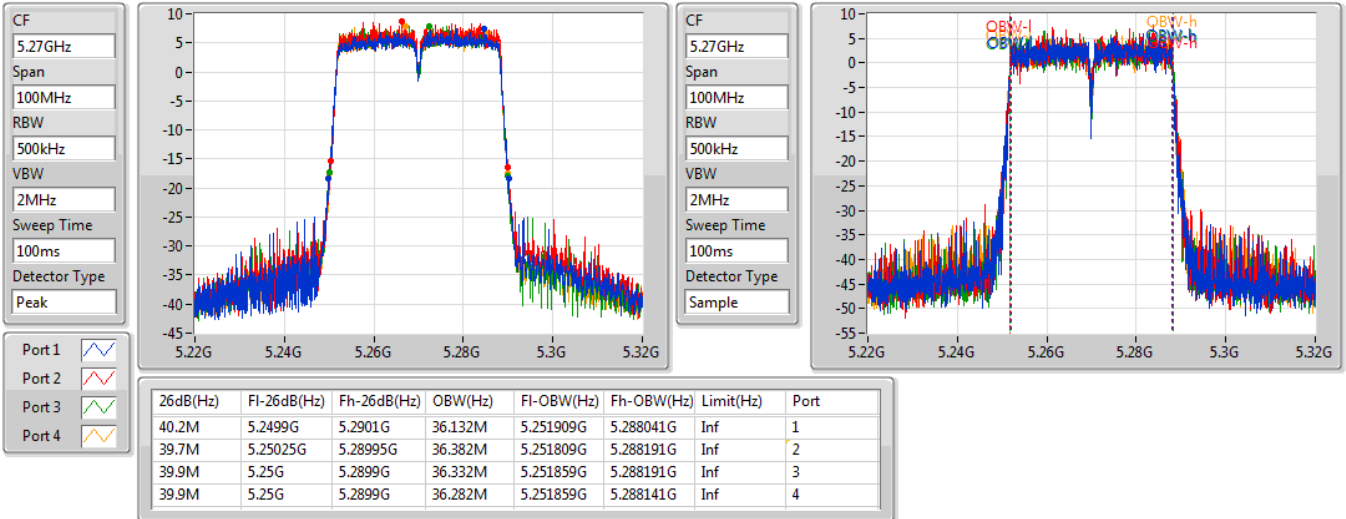

802.11ac VHT40-BF_Nss1,(MCS0)_4TX
EBW
5230MHz

16/11/2019

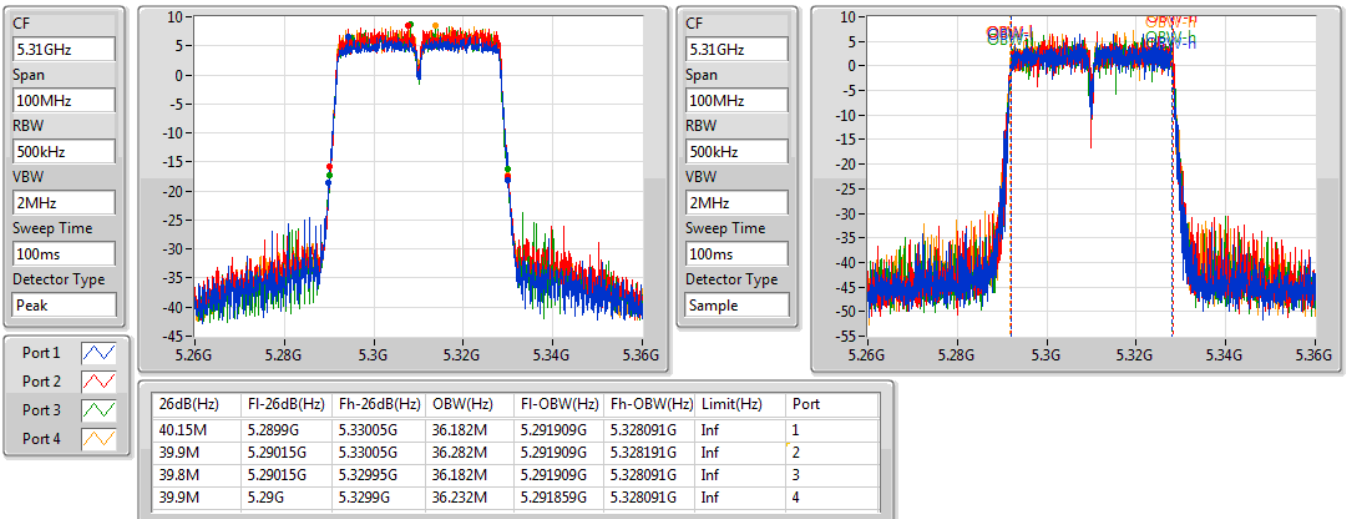


802.11ac VHT40-BF_Nss1,(MCS0)_4TX
EBW
5270MHz

23/11/2019

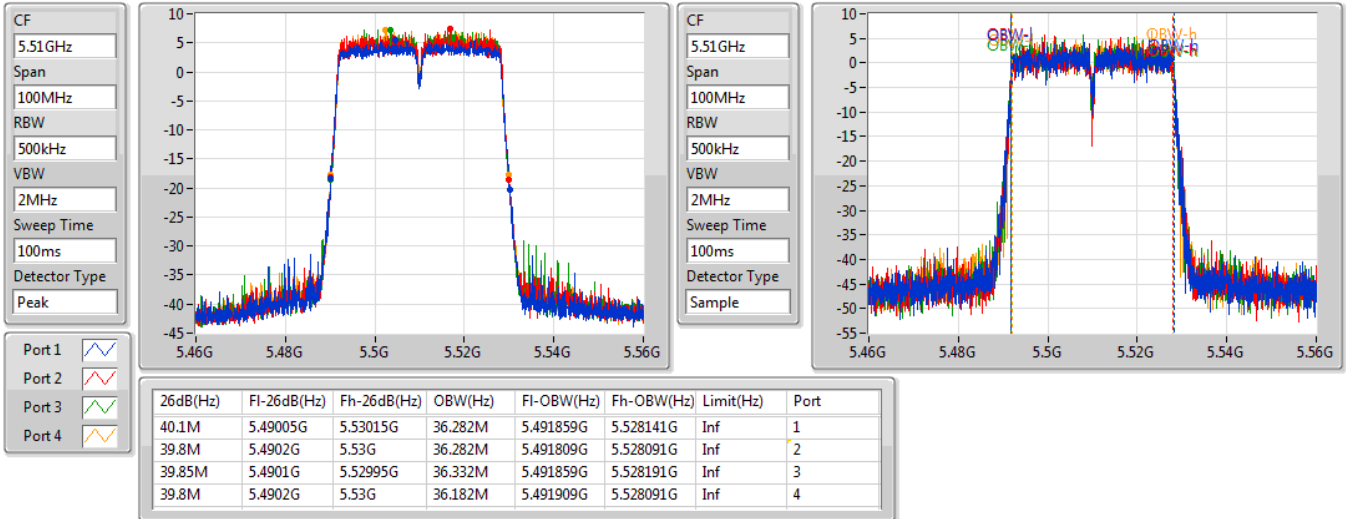

802.11ac VHT40-BF_Nss1,(MCS0)_4TX
EBW
5310MHz

23/11/2019

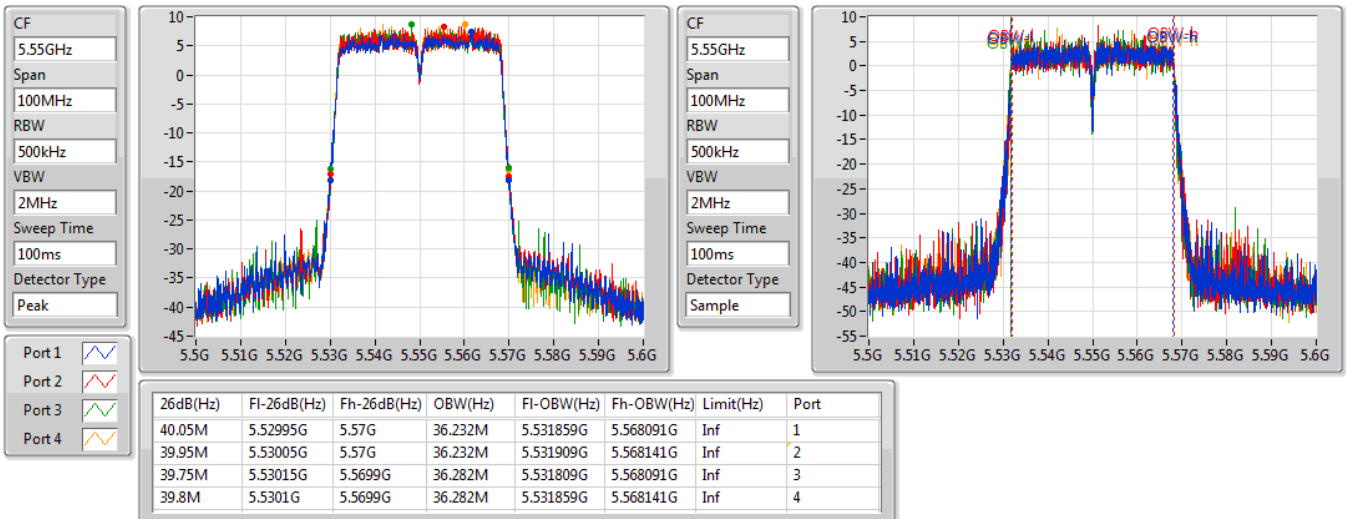


802.11ac VHT40-BF_Nss1,(MCS0)_4TX
EBW
5510MHz

23/11/2019

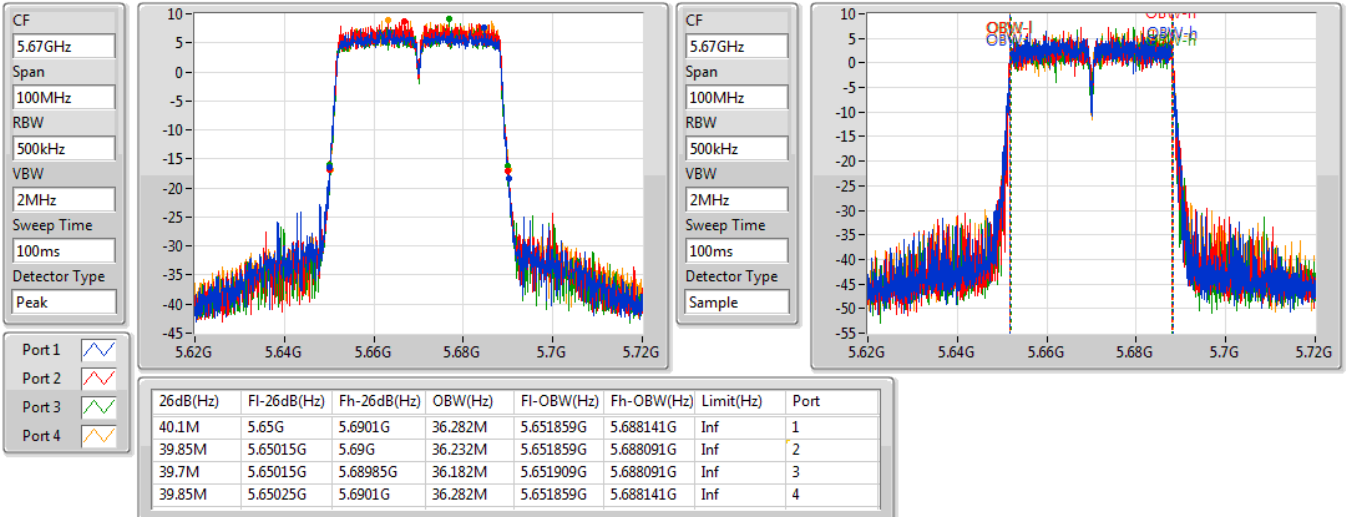

802.11ac VHT40-BF_Nss1,(MCS0)_4TX
EBW
5550MHz

23/11/2019

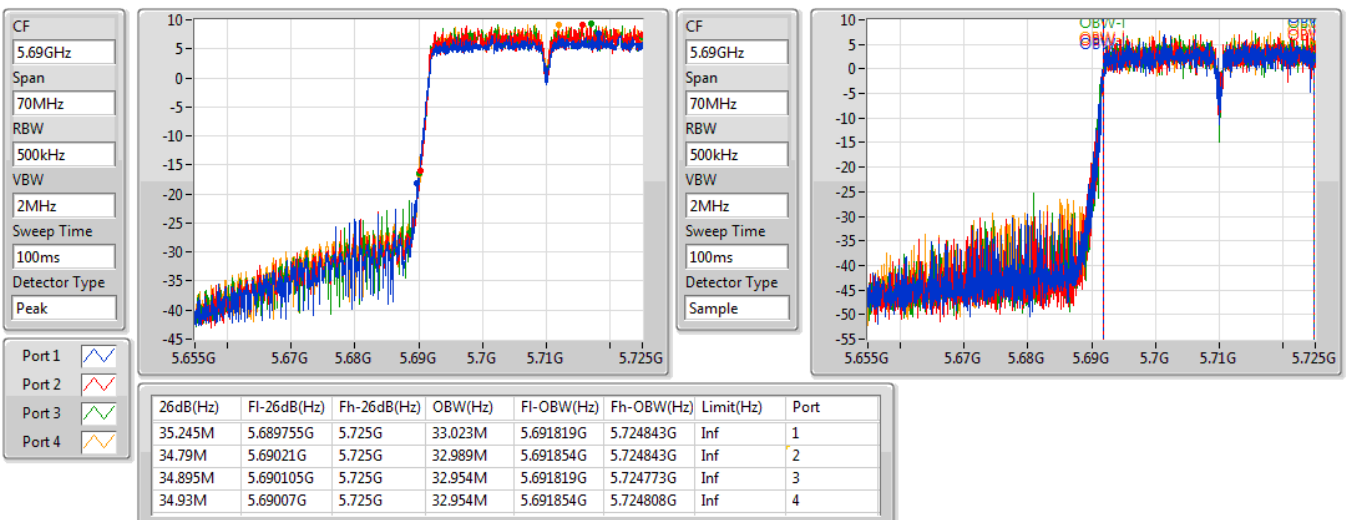


802.11ac VHT40-BF_Nss1,(MCS0)_4TX
EBW
5670MHz

23/11/2019

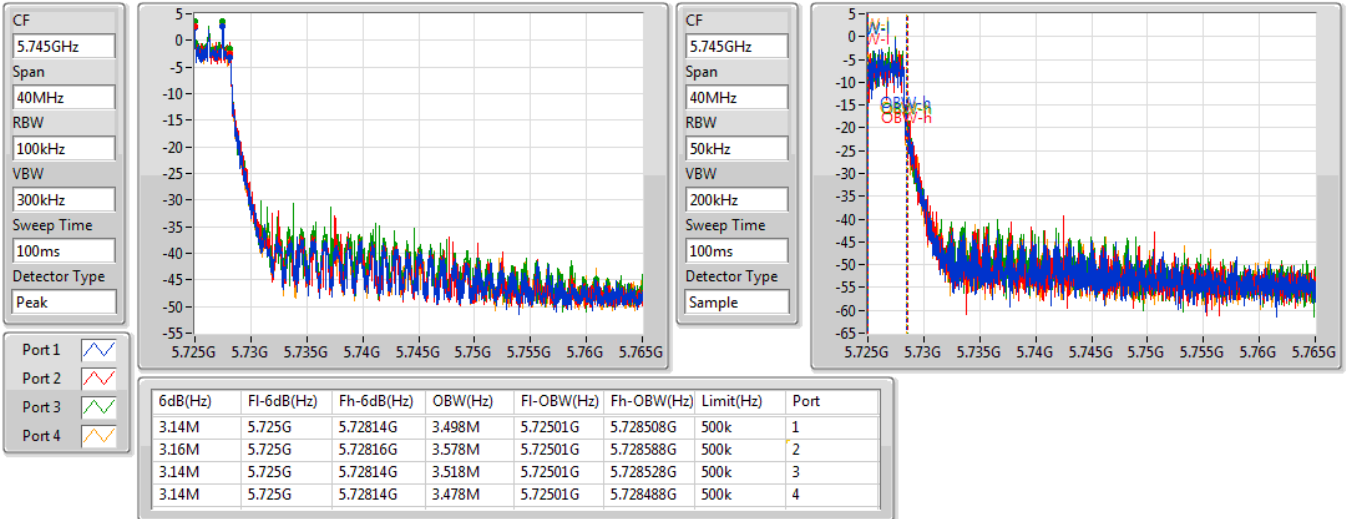

802.11ac VHT40-BF_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.47-5.725GHz

23/11/2019

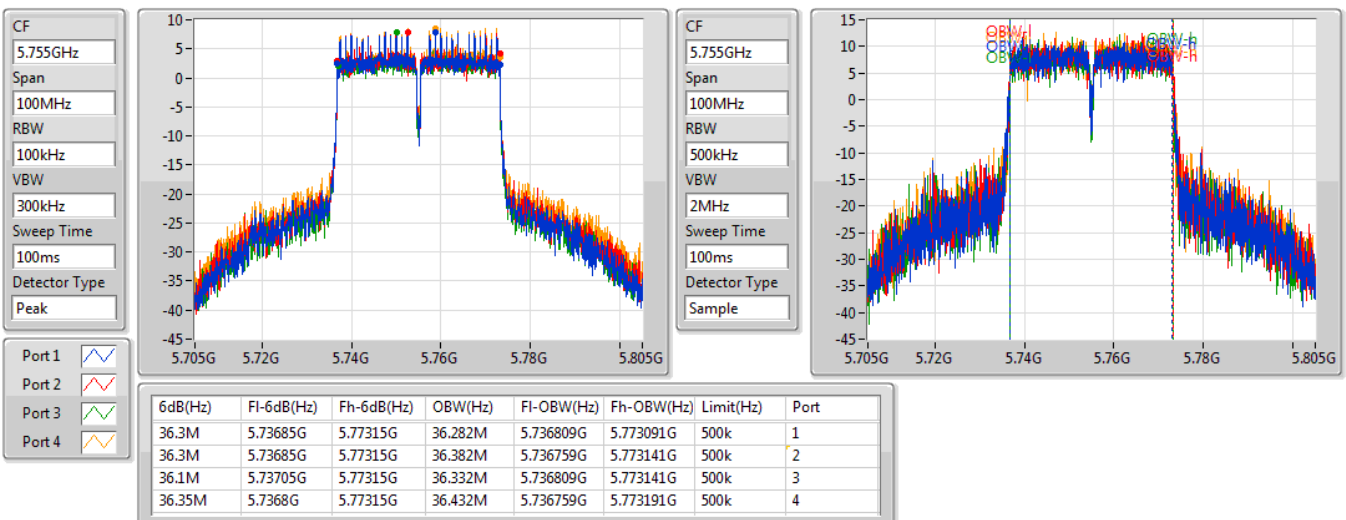


802.11ac VHT40-BF_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.725-5.85GHz

23/11/2019

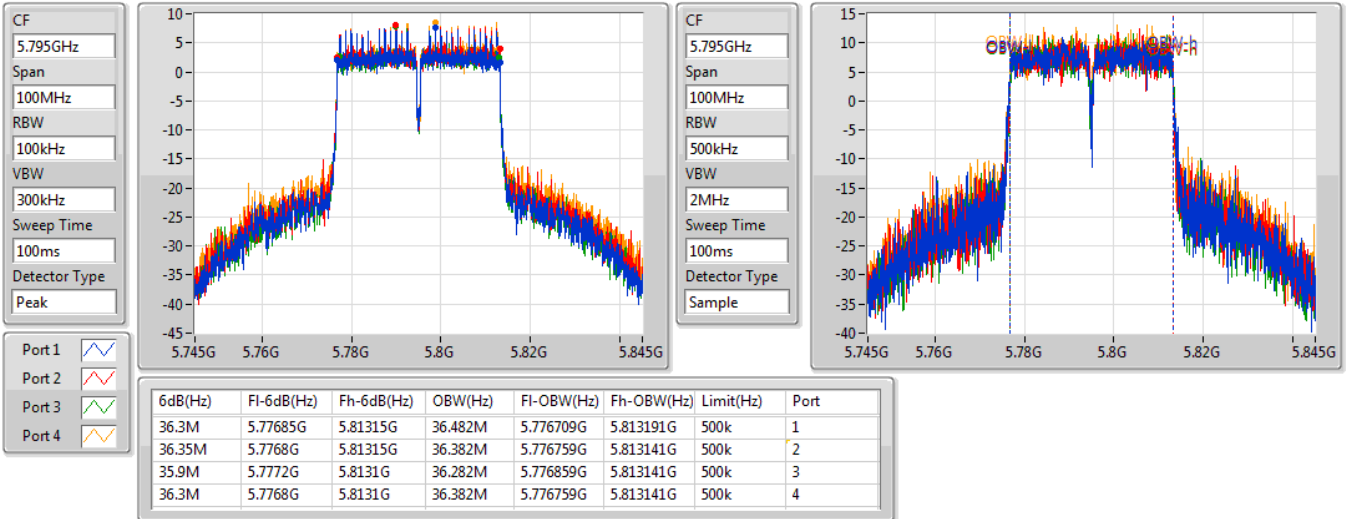

802.11ac VHT40-BF_Nss1,(MCS0)_4TX
EBW
5755MHz

16/11/2019

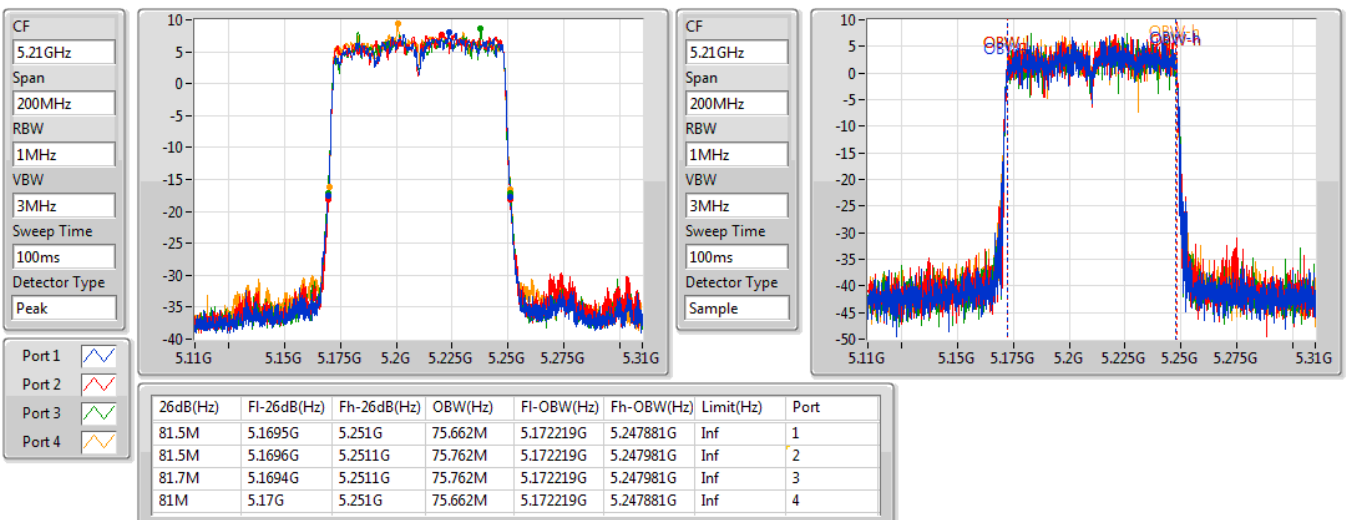


802.11ac VHT40-BF_Nss1,(MCS0)_4TX
EBW
5795MHz

16/11/2019

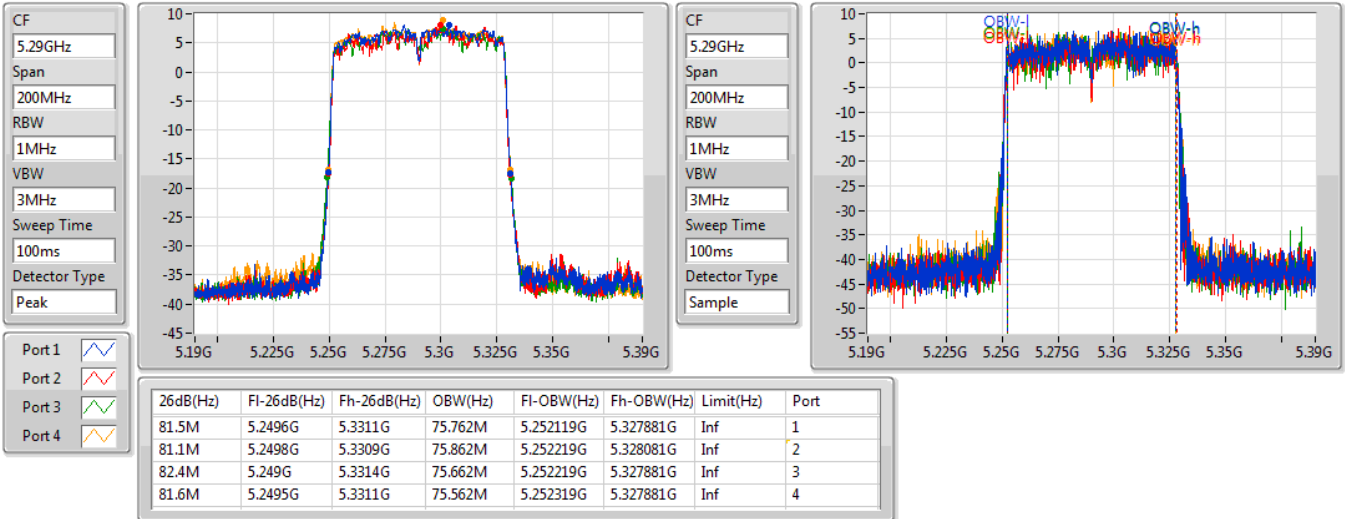

802.11ac VHT80-BF_Nss1,(MCS0)_4TX
EBW
5210MHz

16/11/2019

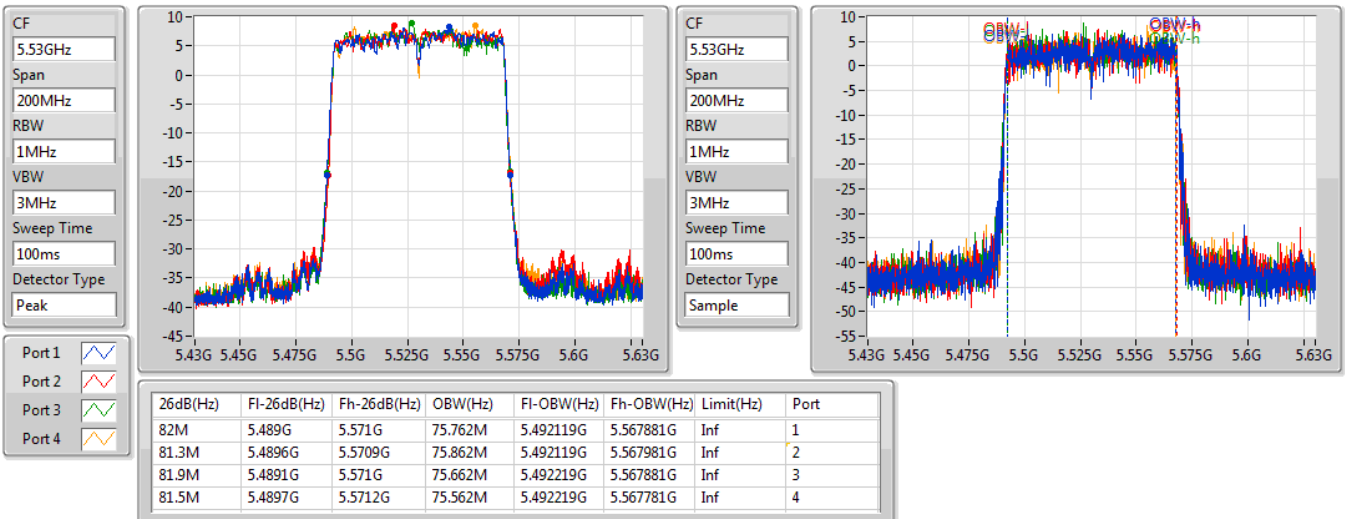


802.11ac VHT80-BF_Nss1,(MCS0)_4TX
EBW
5290MHz

23/11/2019

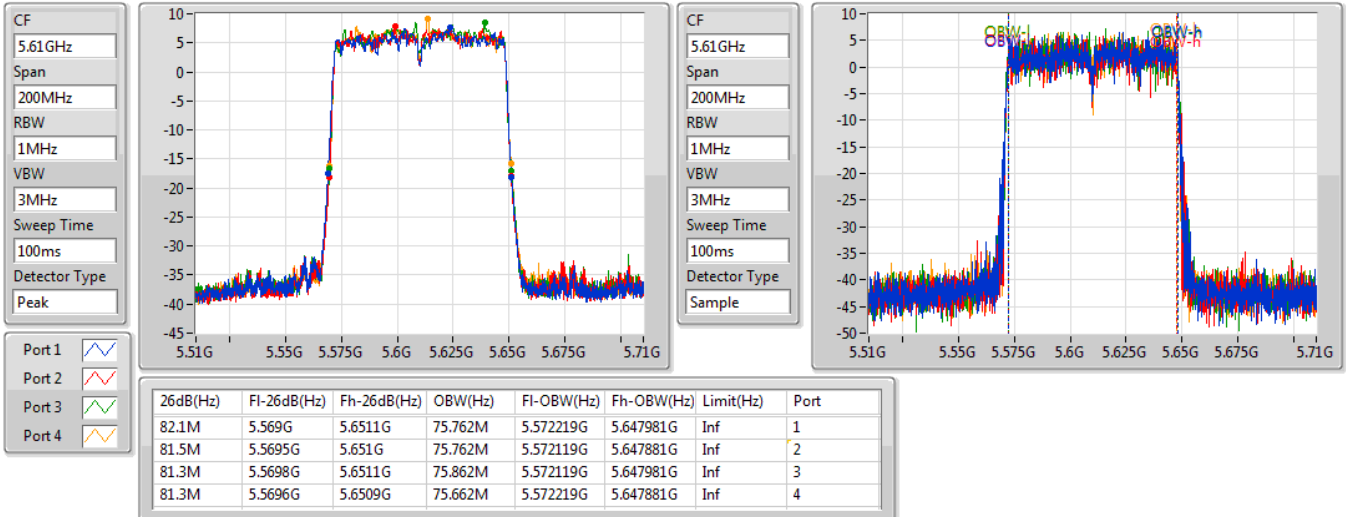

802.11ac VHT80-BF_Nss1,(MCS0)_4TX
EBW
5530MHz

23/11/2019

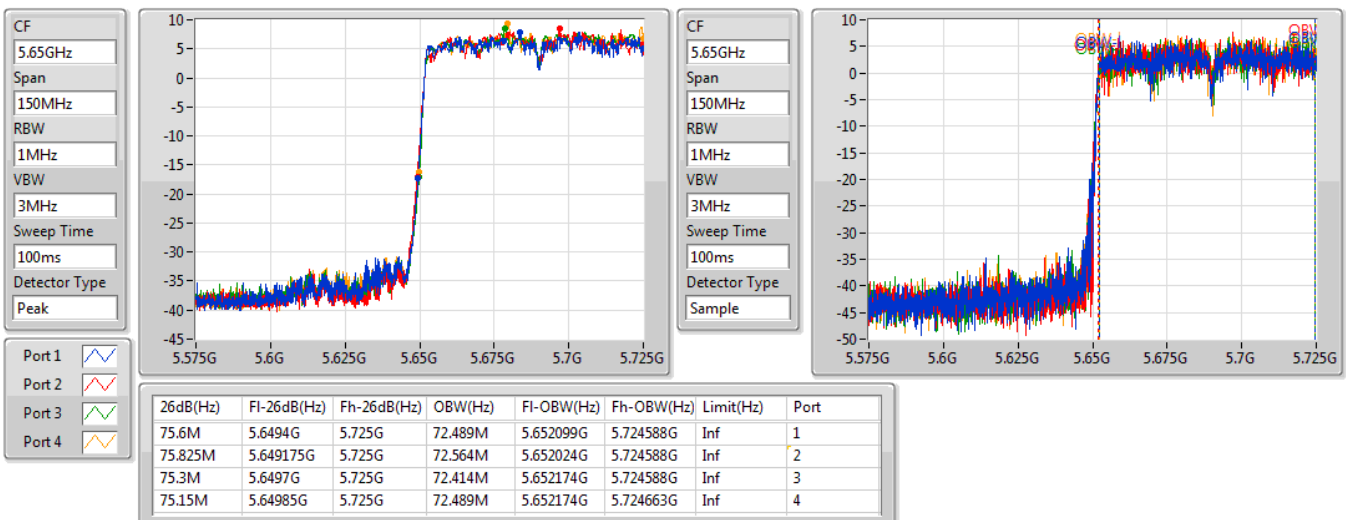


802.11ac VHT80-BF_Nss1,(MCS0)_4TX
EBW
5610MHz

23/11/2019

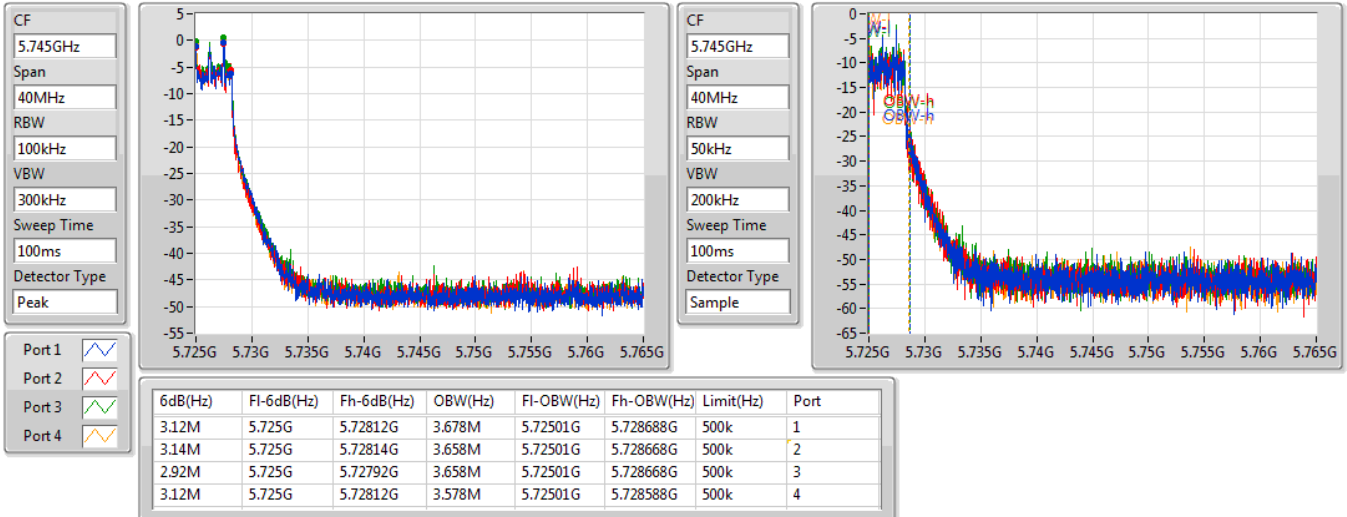

802.11ac VHT80-BF_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.47-5.725GHz

23/11/2019

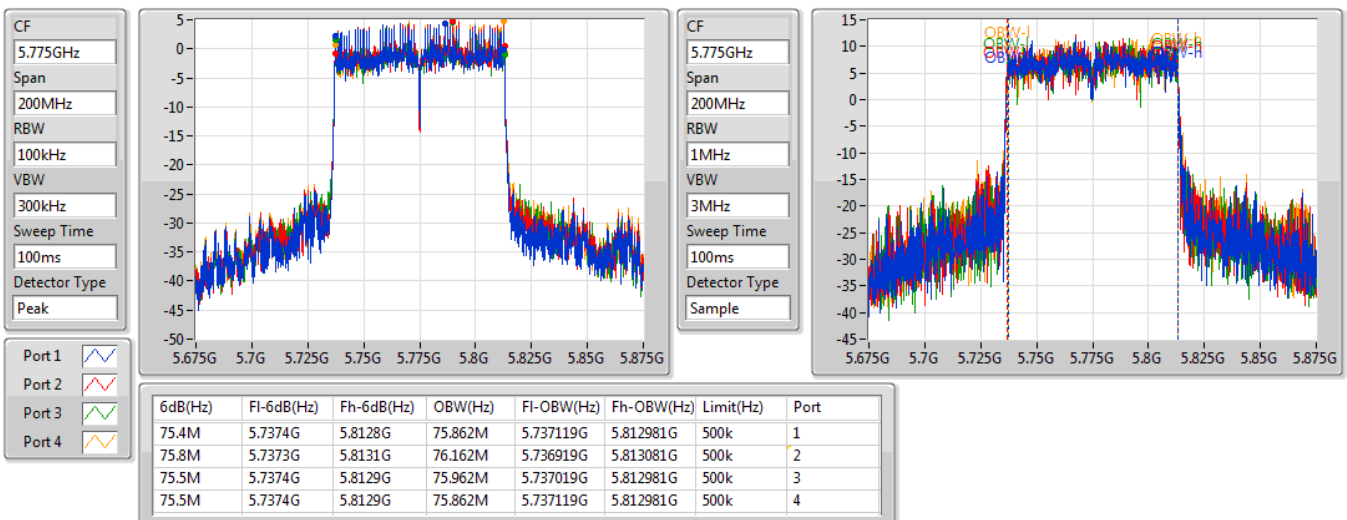


802.11ac VHT80-BF_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.725-5.85GHz

23/11/2019


802.11ac VHT80-BF_Nss1,(MCS0)_4TX
EBW
5775MHz

16/11/2019





**For Client Mode Band 1:
For non-beamforming mode:
Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.7M	16.592M	16M6D1D	21.35M	16.517M
802.11ac VHT20_Nss1,(MCS0)_4TX	21.8M	17.791M	17M8D1D	21.55M	17.691M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.7M	36.332M	36M3D1D	39.7M	36.132M
802.11ac VHT80_Nss1,(MCS0)_4TX	82M	75.962M	76M0D1D	81.5M	75.662M

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

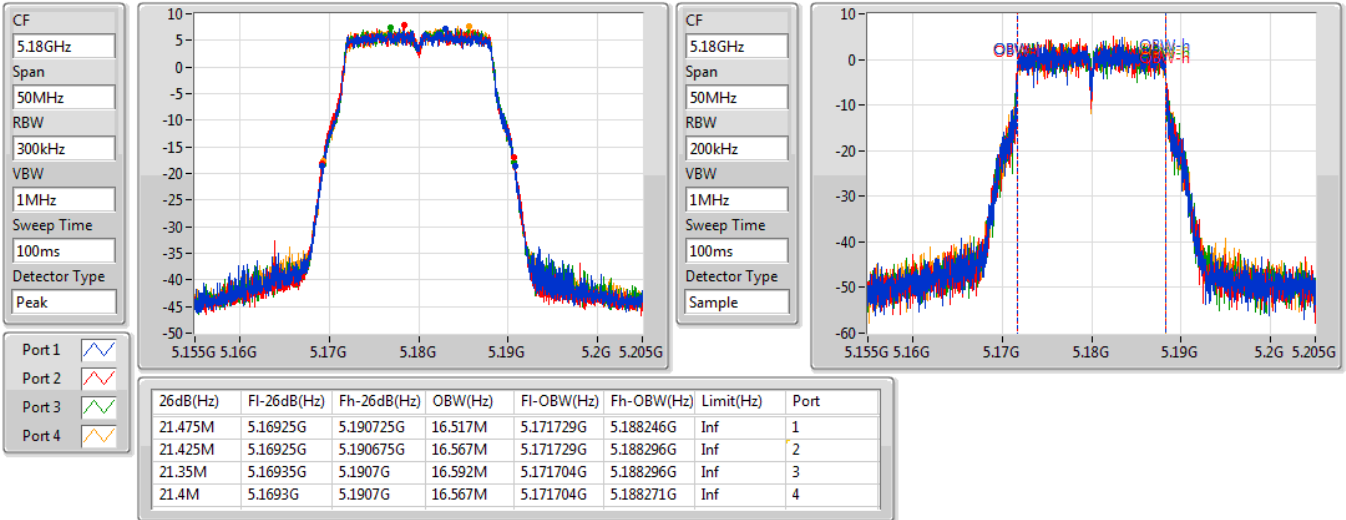
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.475M	16.517M	21.425M	16.567M	21.35M	16.592M	21.4M	16.567M
5200MHz	Pass	Inf	21.35M	16.542M	21.7M	16.592M	21.375M	16.542M	21.45M	16.542M
5240MHz	Pass	Inf	21.5M	16.542M	21.575M	16.592M	21.425M	16.542M	21.4M	16.517M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.6M	17.716M	21.8M	17.691M	21.55M	17.741M	21.55M	17.691M
5200MHz	Pass	Inf	21.55M	17.716M	21.75M	17.741M	21.55M	17.741M	21.65M	17.691M
5240MHz	Pass	Inf	21.65M	17.791M	21.775M	17.716M	21.55M	17.741M	21.55M	17.716M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.7M	36.332M	40.1M	36.182M	39.7M	36.182M	39.8M	36.182M
5230MHz	Pass	Inf	39.9M	36.232M	40.7M	36.232M	40.05M	36.132M	39.7M	36.232M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	82M	75.762M	81.9M	75.662M	81.5M	75.962M	81.9M	75.662M

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

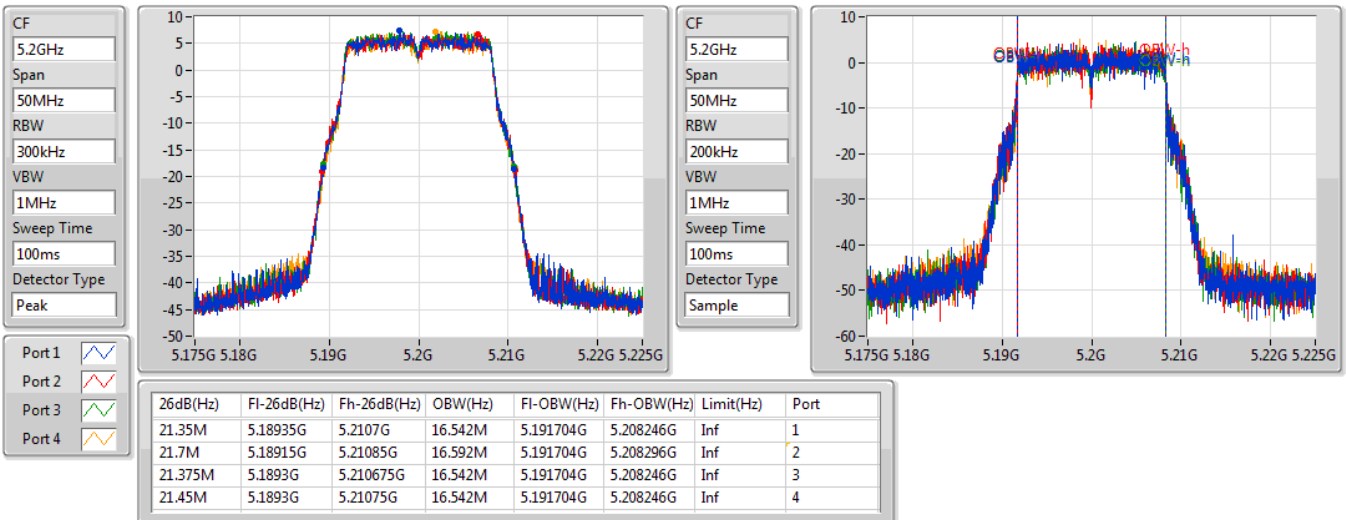
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_4TX
EBW
5180MHz

16/11/2019

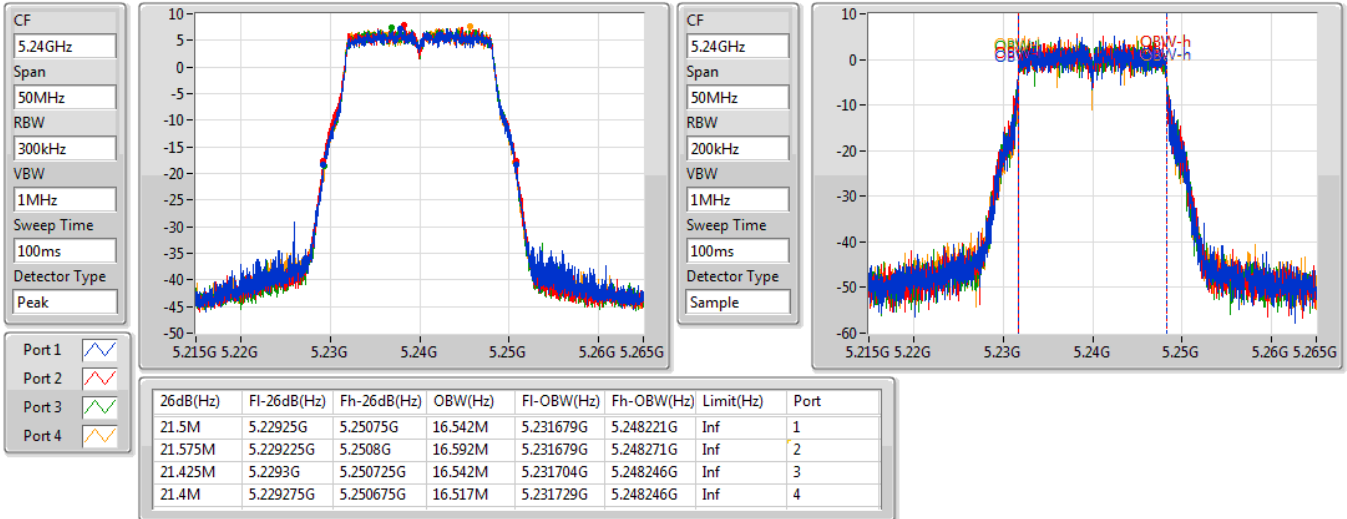

802.11a_Nss1,(6Mbps)_4TX
EBW
5200MHz

16/11/2019

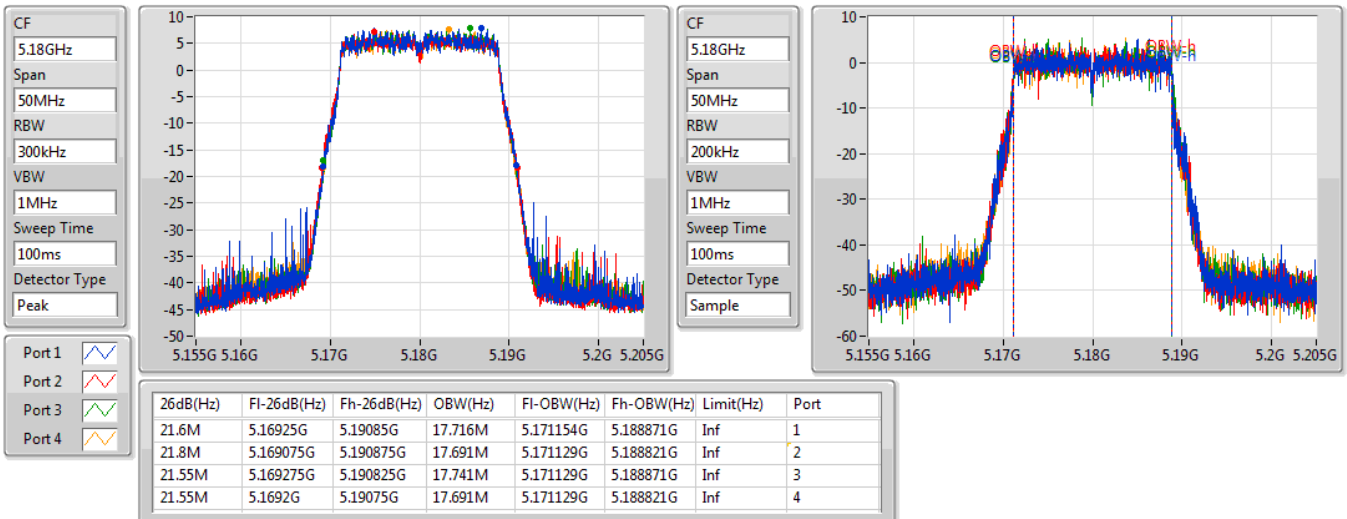


802.11a_Nss1,(6Mbps)_4TX
EBW
5240MHz

16/11/2019

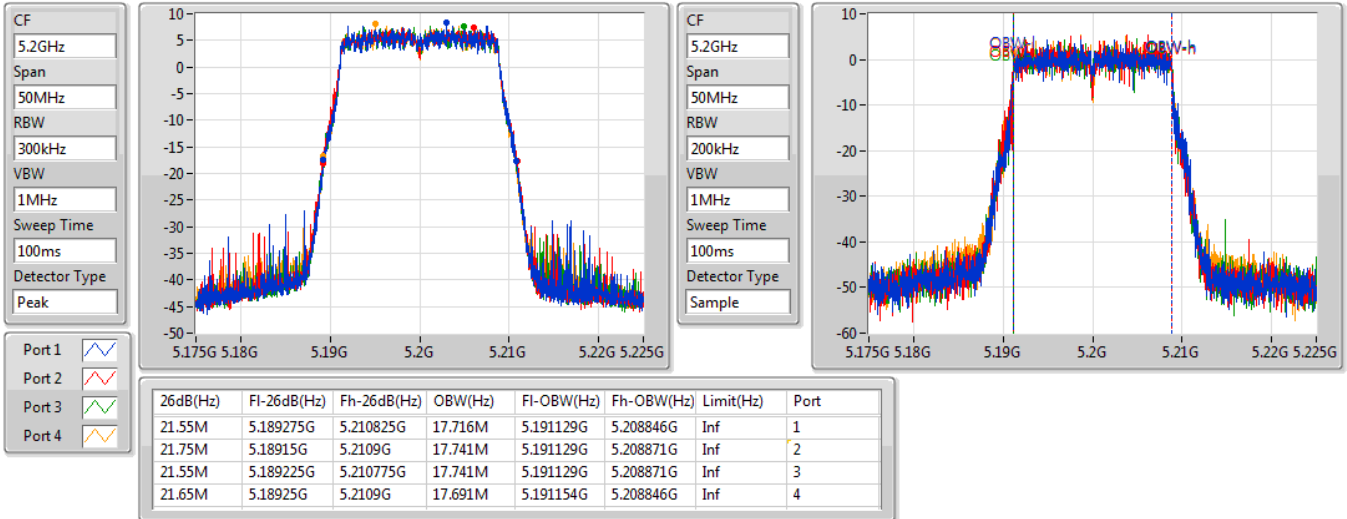

802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5180MHz

16/11/2019

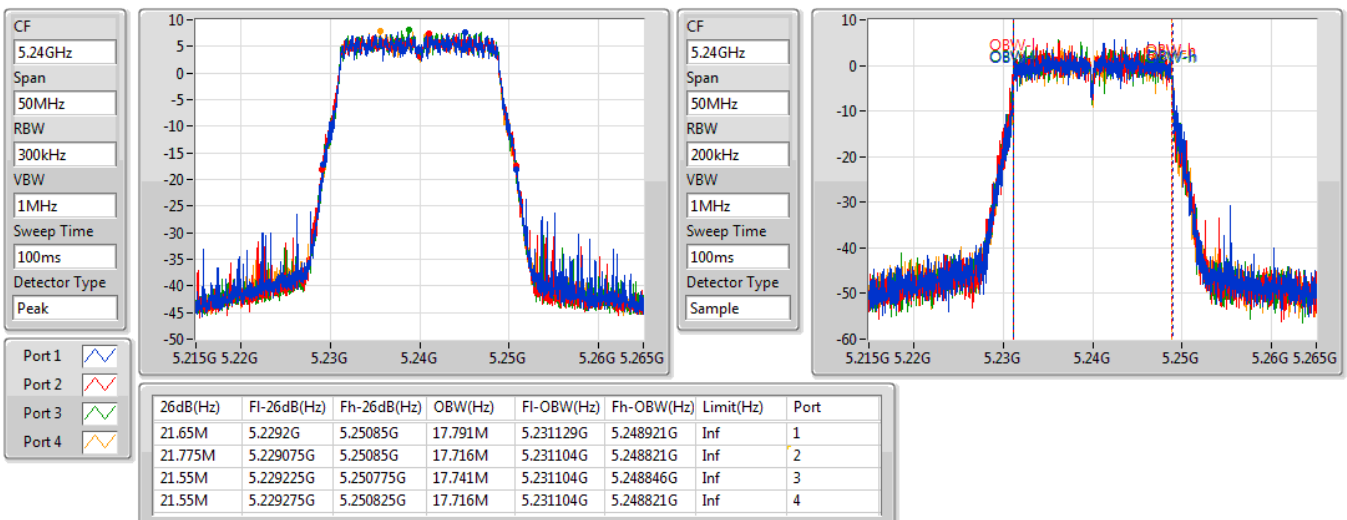


802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5200MHz

16/11/2019

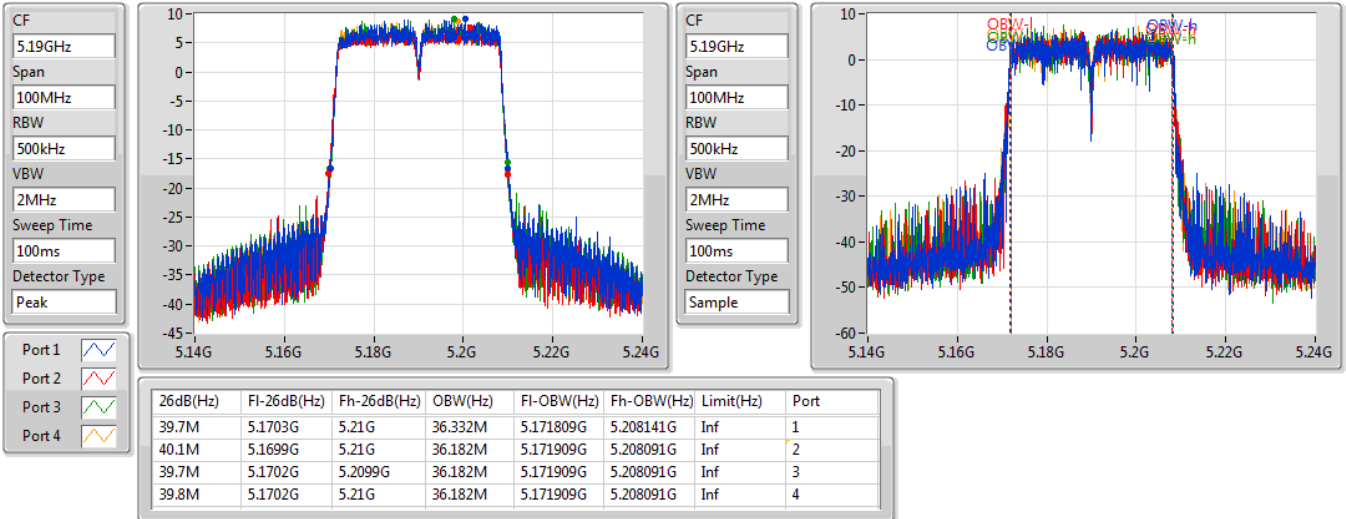

802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5240MHz

16/11/2019

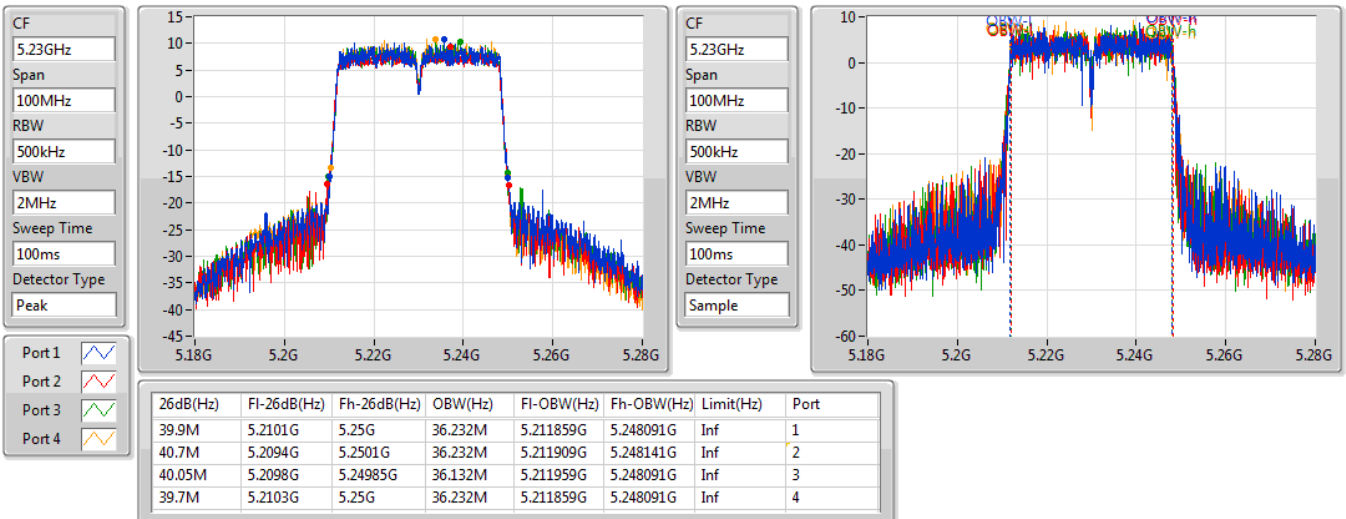


802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5190MHz

16/11/2019

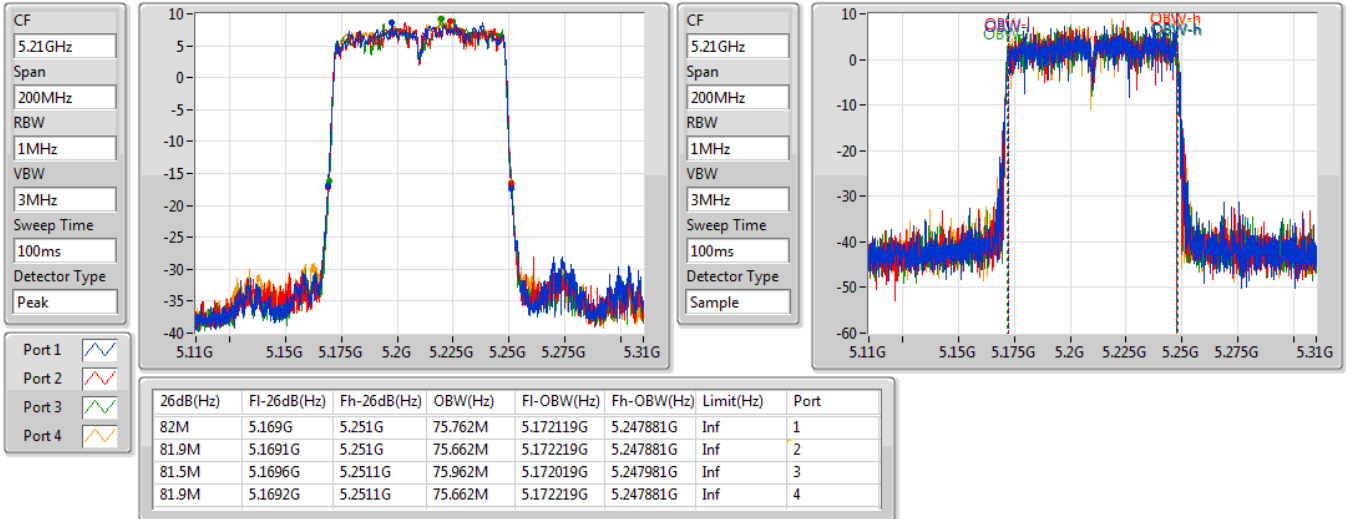

802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5230MHz

16/11/2019



802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5210MHz

16/11/2019



For beamforming mode:
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.925M	17.766M	17M8D1D	21.475M	17.716M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	40.1M	36.282M	36M3D1D	39.75M	36.182M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	81.7M	75.862M	75M9D1D	80.9M	75.762M

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

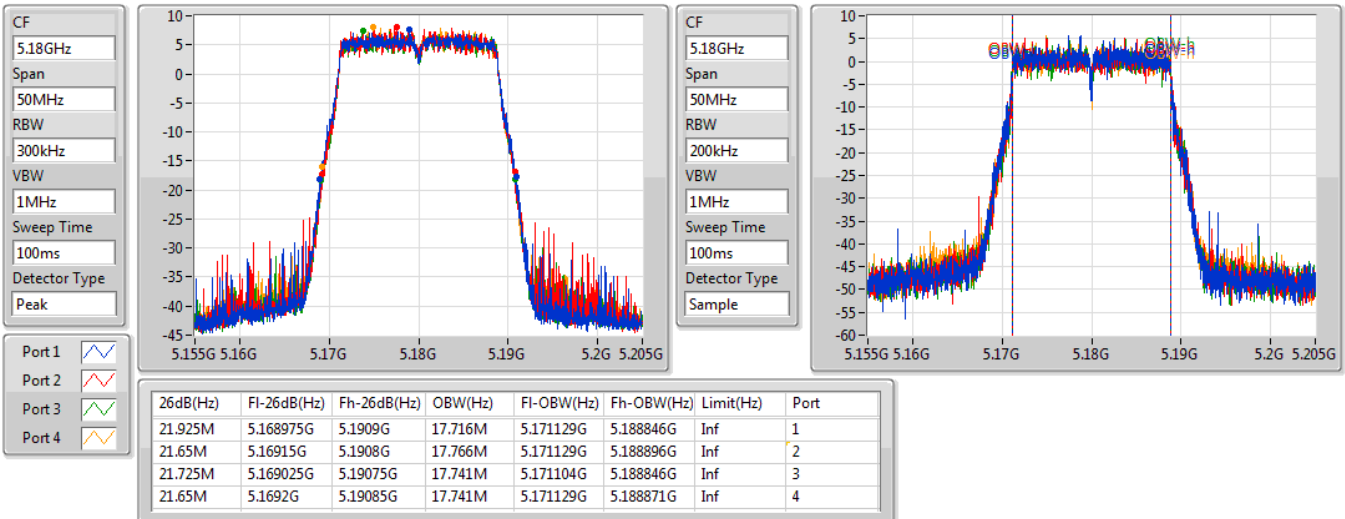
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.925M	17.716M	21.65M	17.766M	21.725M	17.741M	21.65M	17.741M
5200MHz	Pass	Inf	21.775M	17.741M	21.75M	17.766M	21.625M	17.716M	21.475M	17.716M
5240MHz	Pass	Inf	21.9M	17.741M	21.625M	17.716M	21.625M	17.741M	21.625M	17.741M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.1M	36.232M	39.9M	36.282M	39.95M	36.182M	39.8M	36.232M
5230MHz	Pass	Inf	40.1M	36.282M	39.75M	36.232M	39.75M	36.232M	39.9M	36.182M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.7M	75.862M	81.5M	75.862M	81.1M	75.762M	80.9M	75.862M

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

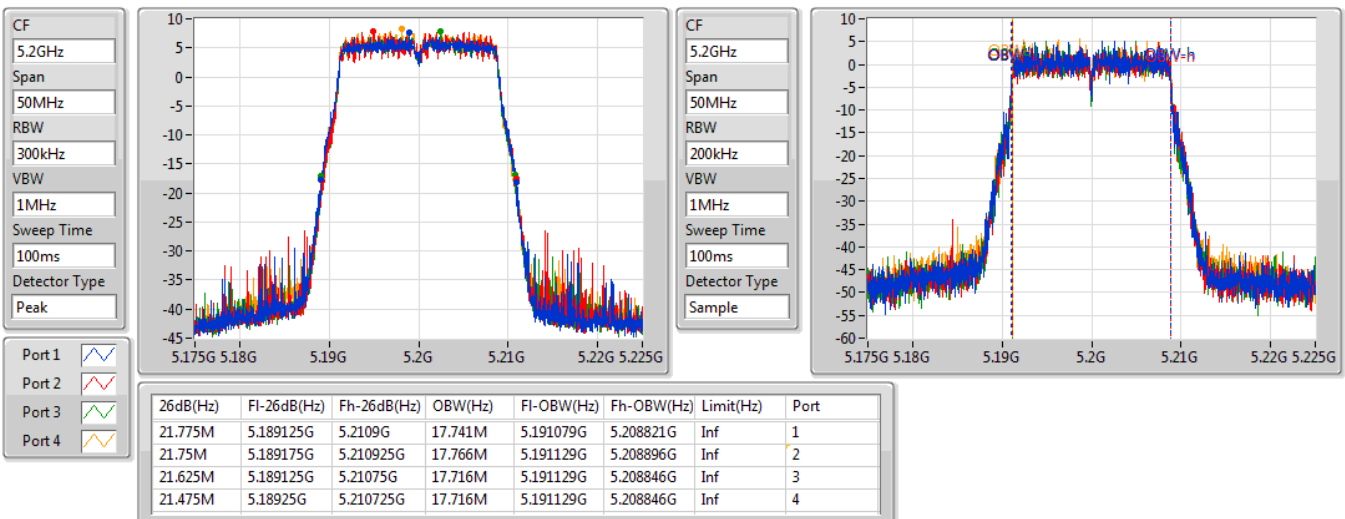
Port X-OBW = Port X 99% occupied bandwidth;

802.11ac VHT20-BF_Nss1,(MCS0)_4TX
EBW
5180MHz

16/11/2019

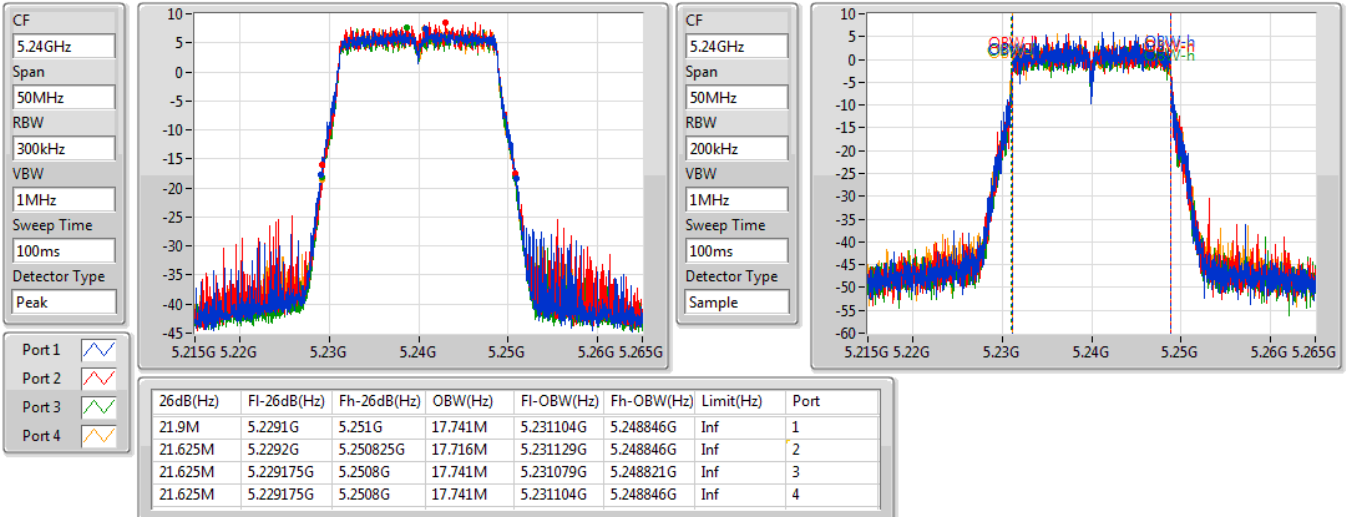

802.11ac VHT20-BF_Nss1,(MCS0)_4TX
EBW
5200MHz

16/11/2019

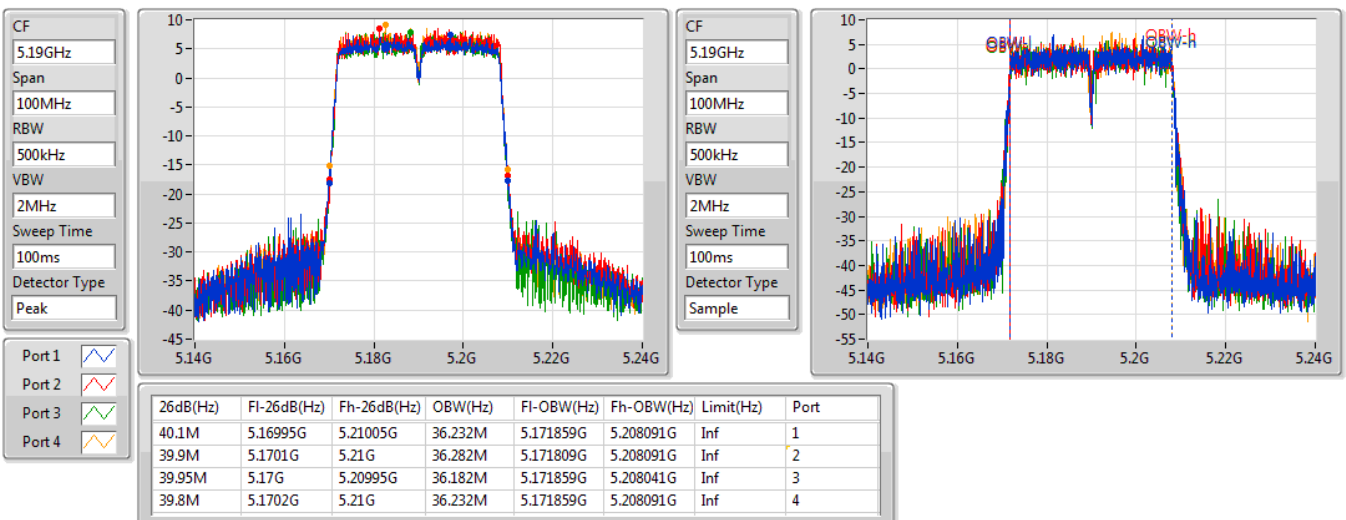


802.11ac VHT20-BF_Nss1,(MCS0)_4TX
EBW
5240MHz

16/11/2019

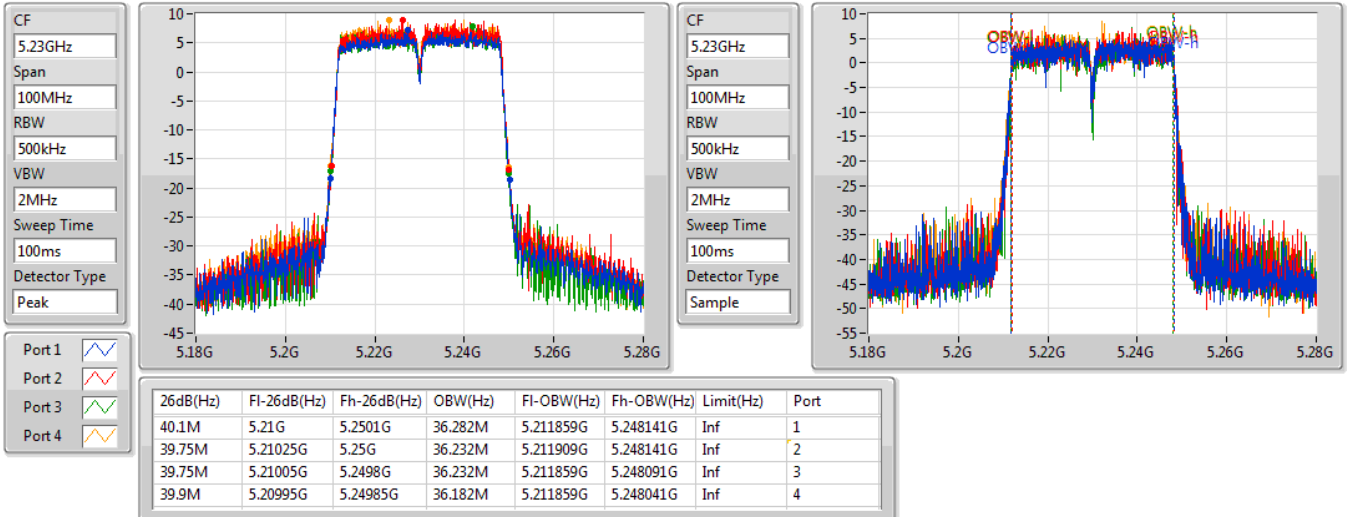

802.11ac VHT40-BF_Nss1,(MCS0)_4TX
EBW
5190MHz

16/11/2019

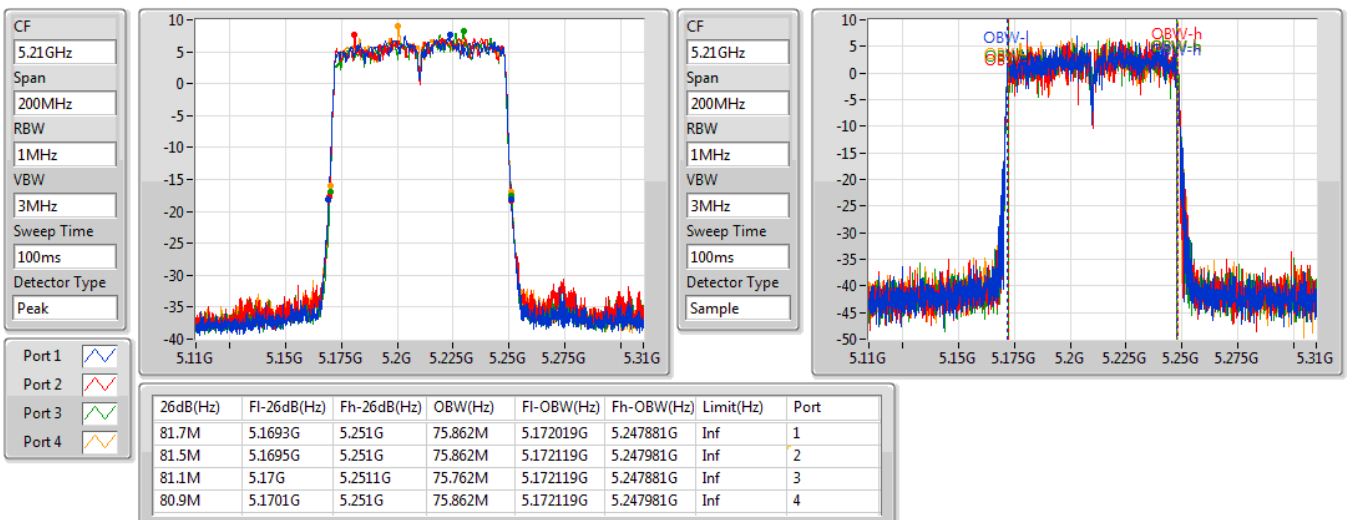


802.11ac VHT40-BF_Nss1,(MCS0)_4TX
EBW
5230MHz

16/11/2019


802.11ac VHT80-BF_Nss1,(MCS0)_4TX
EBW
5210MHz

16/11/2019



**For Master Mode Band 1~4 and Client Mode Band 2~4:****For non-beamforming mode:****Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	28.34	0.68234
802.11ac VHT20_Nss1,(MCS0)_4TX	28.23	0.66527
802.11ac VHT40_Nss1,(MCS0)_4TX	27.85	0.60954
802.11ac VHT80_Nss1,(MCS0)_4TX	21.68	0.14723
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	22.28	0.16904
802.11ac VHT20_Nss1,(MCS0)_4TX	22.65	0.18408
802.11ac VHT40_Nss1,(MCS0)_4TX	23.71	0.23496
802.11ac VHT80_Nss1,(MCS0)_4TX	21.23	0.13274
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	22.78	0.18967
802.11ac VHT20_Nss1,(MCS0)_4TX	23.20	0.20893
802.11ac VHT40_Nss1,(MCS0)_4TX	23.92	0.24660
802.11ac VHT80_Nss1,(MCS0)_4TX	23.71	0.23496
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	27.77	0.59841
802.11ac VHT20_Nss1,(MCS0)_4TX	27.81	0.60395
802.11ac VHT40_Nss1,(MCS0)_4TX	27.70	0.58884
802.11ac VHT80_Nss1,(MCS0)_4TX	25.30	0.33884

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.50	21.39	21.59	21.41	21.35	27.46	30.00
5200MHz	Pass	5.50	22.14	22.35	22.41	22.38	28.34	30.00
5240MHz	Pass	5.50	22.17	22.18	22.58	22.29	28.33	30.00
5260MHz	Pass	5.30	16.10	15.92	16.66	16.14	22.23	23.98
5300MHz	Pass	5.30	16.20	16.20	16.40	16.22	22.28	23.98
5320MHz	Pass	5.30	16.24	16.09	16.51	16.04	22.24	23.98
5500MHz	Pass	5.80	16.77	16.60	17.05	16.62	22.78	23.98
5580MHz	Pass	5.80	16.66	16.63	16.87	16.39	22.66	23.98
5700MHz	Pass	5.80	16.49	16.33	16.72	16.53	22.54	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.80	15.83	15.99	16.52	16.05	22.13	22.94
5720MHz Straddle 5.725-5.85GHz	Pass	5.70	9.84	9.88	10.31	9.50	15.91	30.00
5745MHz	Pass	5.70	21.39	21.87	22.16	21.53	27.77	30.00
5785MHz	Pass	5.70	21.43	21.60	21.67	21.17	27.49	30.00
5825MHz	Pass	5.70	21.30	21.43	21.69	21.14	27.42	30.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.50	20.71	20.76	20.62	20.61	26.70	30.00
5200MHz	Pass	5.50	21.88	22.31	22.33	22.02	28.16	30.00
5240MHz	Pass	5.50	21.87	22.22	22.53	22.20	28.23	30.00
5260MHz	Pass	5.30	16.47	16.37	16.83	16.57	22.58	23.98
5300MHz	Pass	5.30	16.63	16.59	16.67	16.61	22.65	23.98
5320MHz	Pass	5.30	16.44	16.48	16.81	16.48	22.58	23.98
5500MHz	Pass	5.80	17.10	17.24	17.36	17.02	23.20	23.98
5580MHz	Pass	5.80	17.13	17.08	17.25	17.18	23.18	23.98
5700MHz	Pass	5.80	16.97	16.97	17.36	17.19	23.15	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.80	15.86	15.96	16.39	16.13	22.11	22.97
5720MHz Straddle 5.725-5.85GHz	Pass	5.70	10.24	10.37	10.53	10.18	16.35	30.00
5745MHz	Pass	5.70	21.31	21.62	22.13	21.66	27.71	30.00
5785MHz	Pass	5.70	21.42	21.56	21.62	21.28	27.49	30.00
5825MHz	Pass	5.70	21.61	21.82	22.00	21.72	27.81	30.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.50	16.52	16.60	16.60	16.36	22.54	30.00
5230MHz	Pass	5.50	21.56	21.78	22.11	21.86	27.85	30.00
5270MHz	Pass	5.30	17.83	17.60	17.90	17.39	23.71	23.98
5310MHz	Pass	5.30	16.82	16.74	16.93	16.76	22.83	23.98
5510MHz	Pass	5.80	16.84	16.80	17.02	16.79	22.88	23.98
5550MHz	Pass	5.80	17.75	17.69	18.21	17.94	23.92	23.98
5670MHz	Pass	5.80	17.58	17.51	18.11	17.65	23.74	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.80	17.25	17.37	17.87	17.66	23.56	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.70	6.97	7.06	7.37	7.05	13.14	30.00
5755MHz	Pass	5.70	21.56	21.60	21.97	21.58	27.70	30.00
5795MHz	Pass	5.70	21.28	21.67	21.61	21.43	27.52	30.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.50	15.73	15.55	15.48	15.85	21.68	30.00



Average Power-Mode 1

Appendix B.1

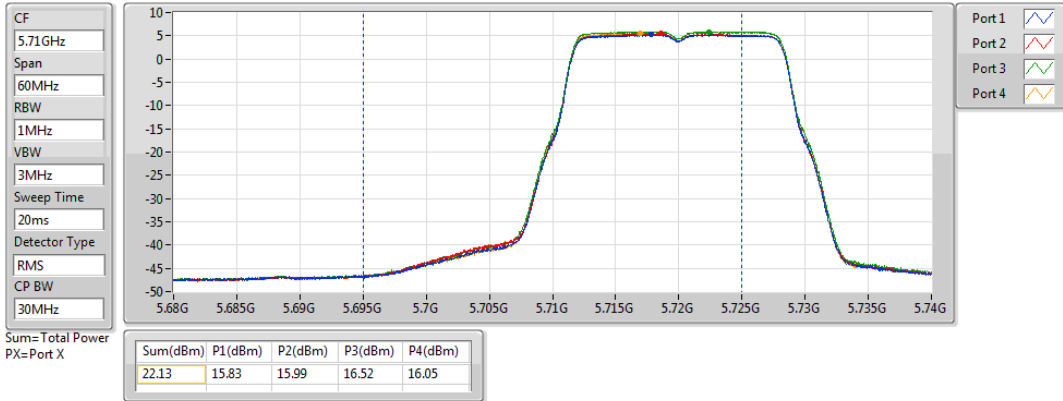
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5290MHz	Pass	5.30	15.31	15.16	15.27	15.08	21.23	23.98
5530MHz	Pass	5.80	15.67	15.39	15.45	15.79	21.60	23.98
5610MHz	Pass	5.80	17.46	17.49	17.80	17.61	23.61	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.80	17.71	17.54	17.98	17.51	23.71	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.70	3.59	3.77	3.75	3.08	9.58	30.00
5775MHz	Pass	5.70	19.25	19.36	19.42	19.08	25.30	30.00

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

802.11a_Nss1,(6Mbps)_4TX

AV Power

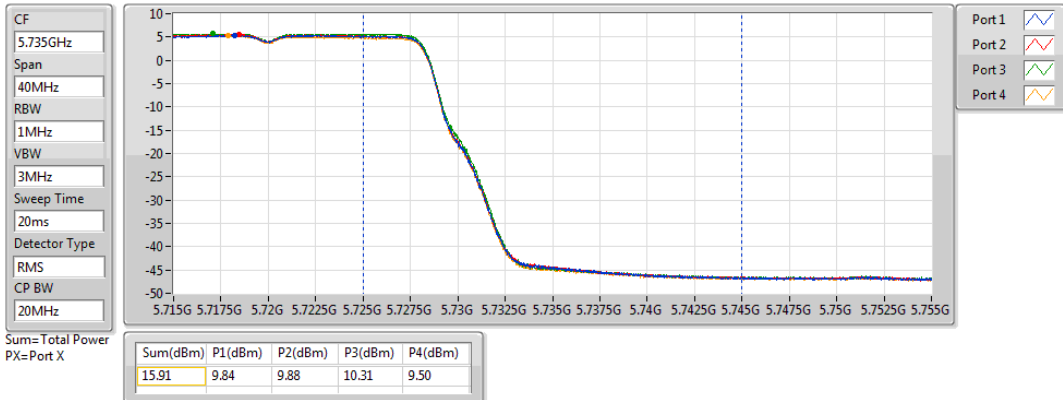
5720MHz Straddle 5.47-5.725GHz



802.11a_Nss1,(6Mbps)_4TX

AV Power

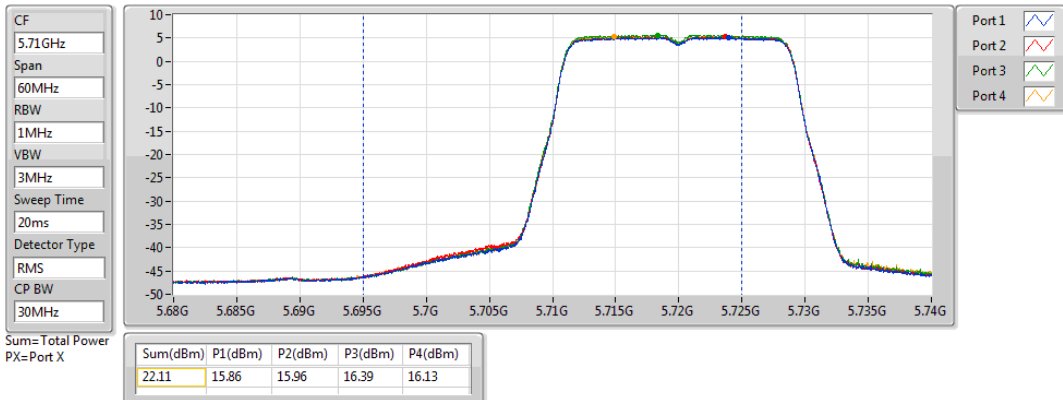
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20_Nss1,(MCS0)_4TX

AV Power

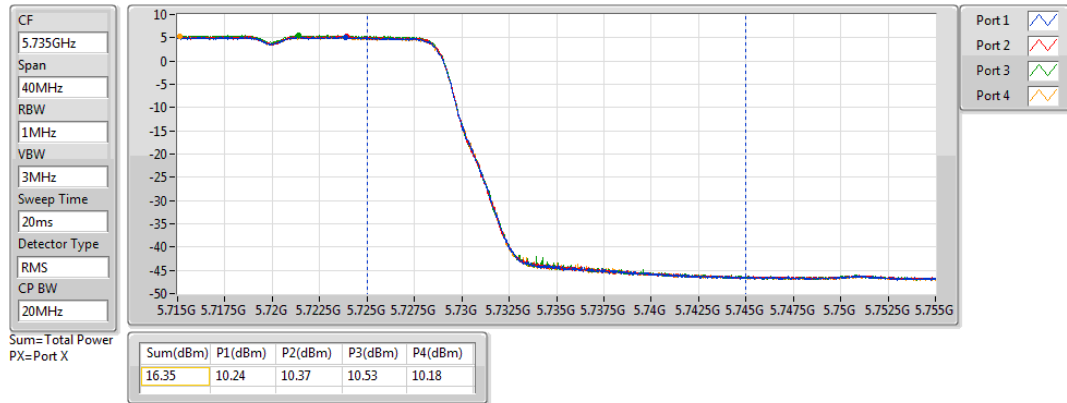
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20_Nss1,(MCS0)_4TX

AV Power

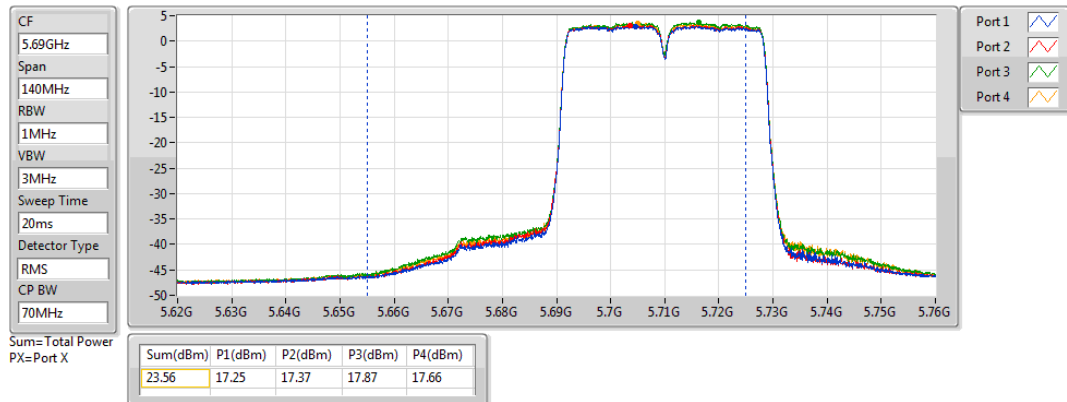
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT40_Nss1,(MCS0)_4TX

AV Power

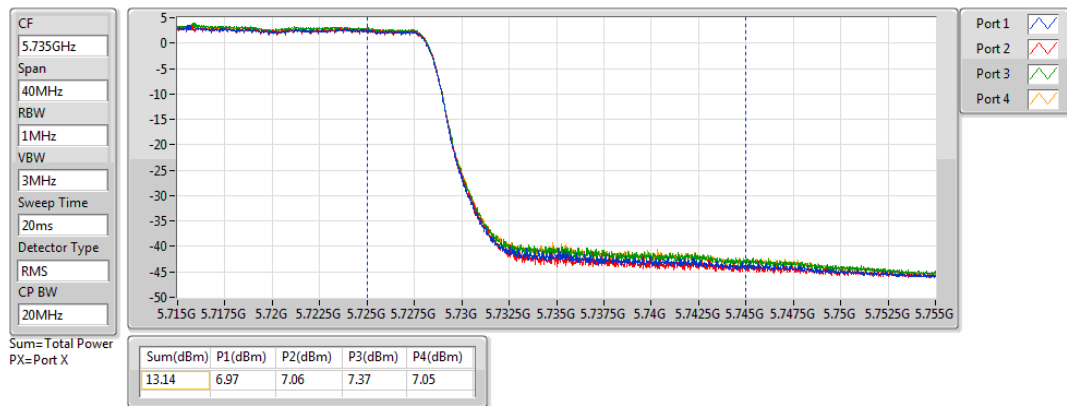
5710MHz Straddle 5.47-5.725GHz



802.11ac VHT40_Nss1,(MCS0)_4TX

AV Power

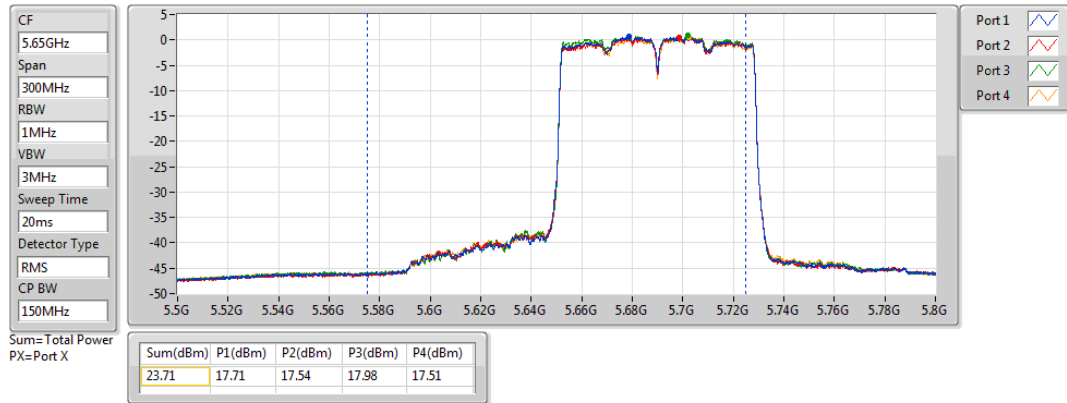
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT80_Nss1,(MCS0)_4TX

AV Power

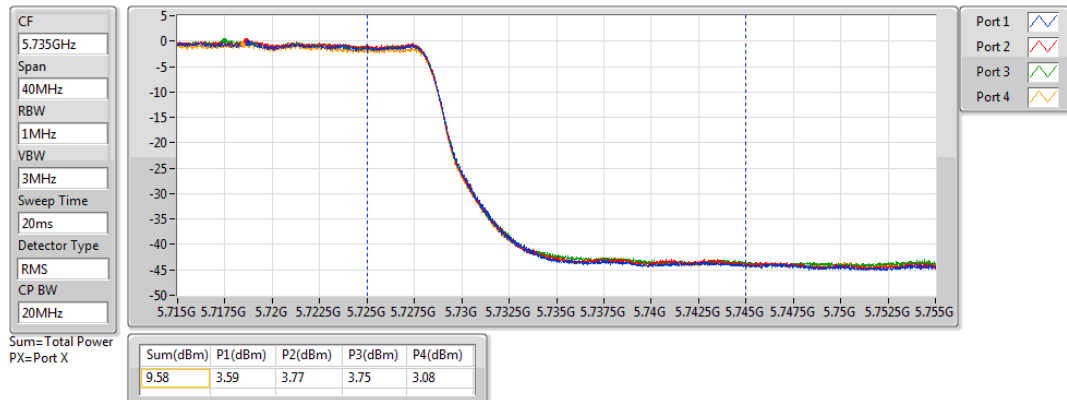
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz



**For beamforming mode:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	27.97	0.62661
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	27.98	0.62806
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	21.10	0.12882
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	22.03	0.15959
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	22.01	0.15885
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	20.22	0.10520
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	22.29	0.16943
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	22.69	0.18578
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	22.26	0.16827
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	27.87	0.61235
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	27.89	0.61518
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	26.03	0.40087



Result

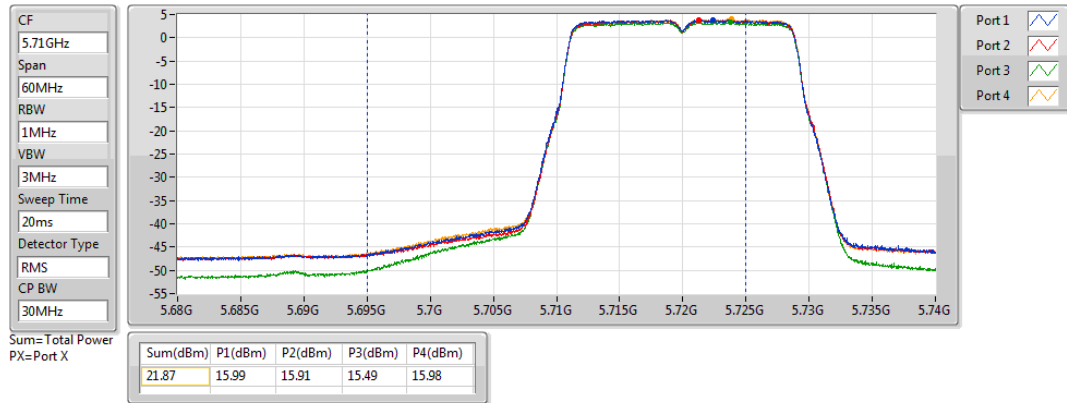
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.60	20.11	19.98	19.53	20.08	25.95	28.40
5200MHz	Pass	7.60	21.82	21.72	21.41	22.21	27.82	28.40
5240MHz	Pass	7.60	21.98	22.38	21.21	22.13	27.97	28.40
5260MHz	Pass	7.50	16.29	15.96	15.88	15.89	22.03	22.48
5300MHz	Pass	7.50	15.98	15.87	15.51	15.83	21.82	22.48
5320MHz	Pass	7.50	15.92	16.00	15.39	15.81	21.81	22.48
5500MHz	Pass	7.00	16.38	16.43	16.00	16.27	22.29	22.98
5580MHz	Pass	7.00	16.41	16.39	15.93	16.33	22.29	22.98
5700MHz	Pass	7.00	16.08	15.89	15.91	16.22	22.05	22.98
5720MHz Straddle 5.47-5.725GHz	Pass	7.00	15.99	15.91	15.49	15.98	21.87	21.95
5720MHz Straddle 5.725-5.85GHz	Pass	7.10	10.33	10.56	9.88	10.60	16.37	28.90
5745MHz	Pass	7.10	22.11	21.95	21.26	22.02	27.87	28.90
5785MHz	Pass	7.10	22.18	21.81	21.30	21.95	27.84	28.90
5825MHz	Pass	7.10	21.90	21.93	21.40	22.11	27.86	28.90
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.60	16.32	16.00	15.94	16.18	22.13	28.40
5230MHz	Pass	7.60	21.99	22.11	21.48	22.23	27.98	28.40
5270MHz	Pass	7.50	16.27	15.79	15.82	16.07	22.01	22.48
5310MHz	Pass	7.50	15.96	15.87	15.67	16.10	21.92	22.48
5510MHz	Pass	7.00	16.54	16.54	16.08	16.58	22.46	22.98
5550MHz	Pass	7.00	16.54	16.46	16.04	16.65	22.45	22.98
5670MHz	Pass	7.00	16.48	16.60	15.77	16.44	22.35	22.98
5710MHz Straddle 5.47-5.725GHz	Pass	7.00	16.87	16.87	16.26	16.65	22.69	22.98
5710MHz Straddle 5.725-5.85GHz	Pass	7.10	6.42	6.94	6.10	6.81	12.60	28.90
5755MHz	Pass	7.10	22.12	21.83	21.47	22.02	27.89	28.90
5795MHz	Pass	7.10	22.01	21.73	21.30	21.89	27.76	28.90
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.60	15.16	15.08	15.01	15.08	21.10	28.40
5290MHz	Pass	7.50	14.37	14.25	13.94	14.24	20.22	22.48
5530MHz	Pass	7.00	14.61	14.58	14.39	14.89	20.64	22.98
5610MHz	Pass	7.00	16.27	16.36	15.93	16.37	22.26	22.98
5690MHz Straddle 5.47-5.725GHz	Pass	7.00	16.36	16.11	15.72	16.08	22.09	22.98
5690MHz Straddle 5.725-5.85GHz	Pass	7.10	1.95	2.13	1.61	2.46	8.07	28.90
5775MHz	Pass	7.10	20.24	19.98	19.57	20.21	26.03	28.90

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

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

AV Power

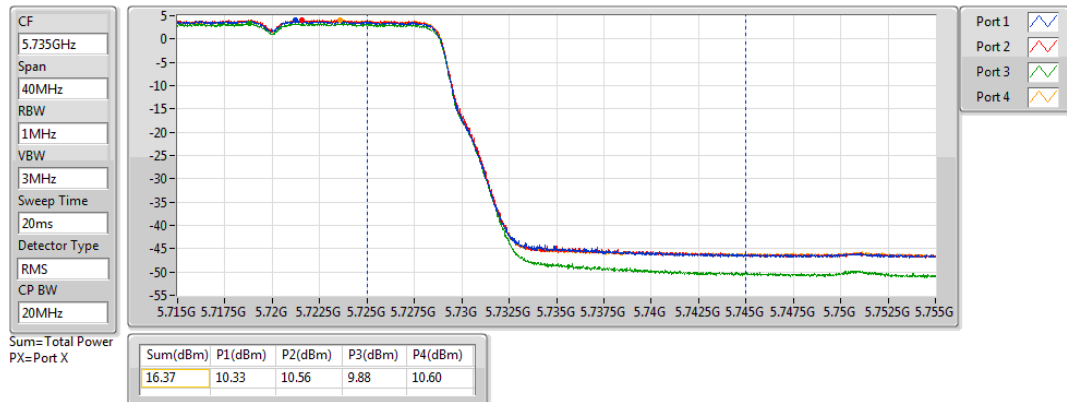
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20-BF_Nss1,(MCS0)_4TX

AV Power

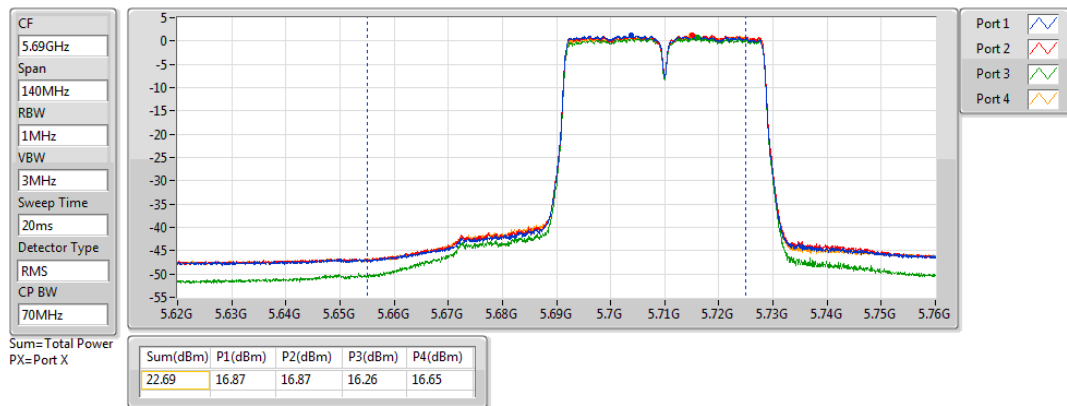
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

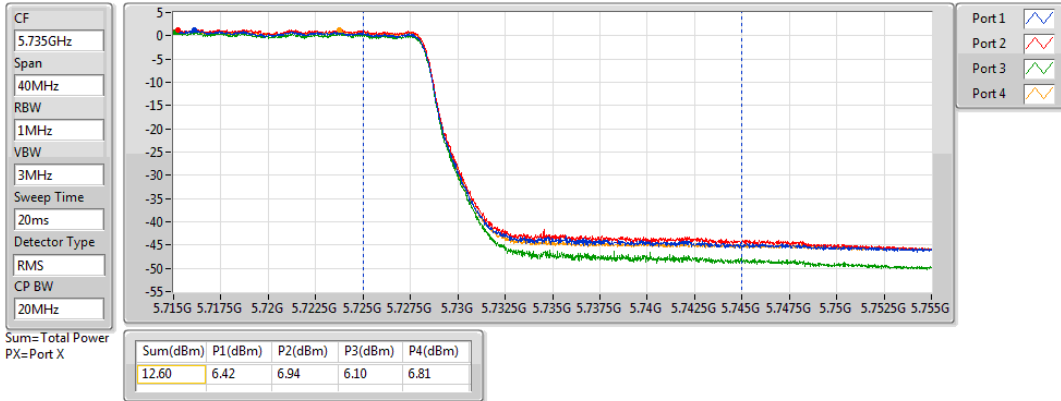


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

18/11/2019

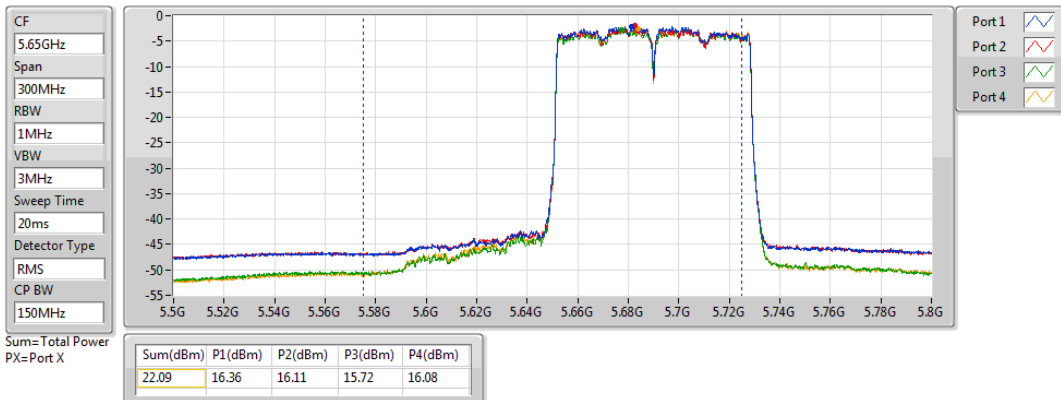


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

18/11/2019

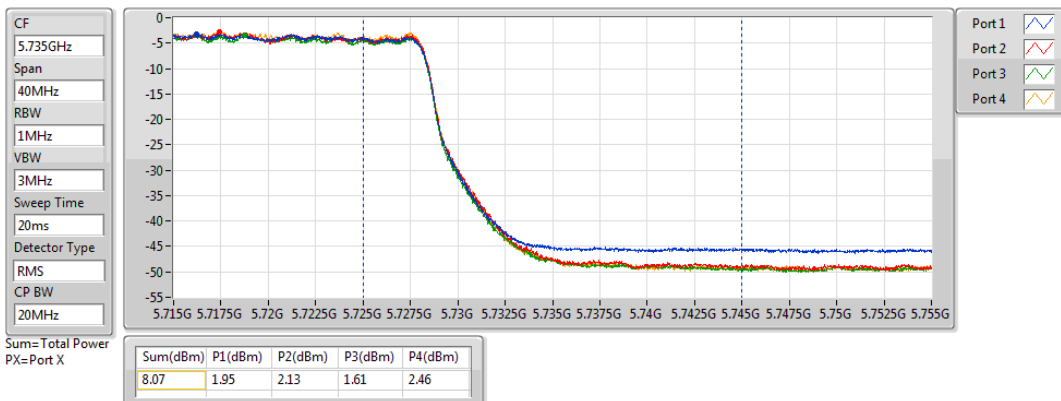


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

18/11/2019





For Client Mode Band 1:
For non-beamforming mode:
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	22.16	0.16444
802.11ac VHT20_Nss1,(MCS0)_4TX	22.33	0.17100
802.11ac VHT40_Nss1,(MCS0)_4TX	23.61	0.22961
802.11ac VHT80_Nss1,(MCS0)_4TX	21.68	0.14723



Average Power-Mode 1

Appendix B.3

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.50	16.16	15.95	16.22	16.21	22.16	23.98
5200MHz	Pass	5.50	15.97	15.97	16.28	16.16	22.12	23.98
5240MHz	Pass	5.50	15.83	15.78	16.40	16.34	22.12	23.98
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.50	15.99	15.82	16.08	16.01	22.00	23.98
5200MHz	Pass	5.50	16.05	16.10	16.61	16.45	22.33	23.98
5240MHz	Pass	5.50	15.87	15.88	16.20	16.04	22.02	23.98
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.50	16.52	16.60	16.60	16.36	22.54	23.98
5230MHz	Pass	5.50	17.19	17.72	17.81	17.61	23.61	23.98
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.50	15.73	15.55	15.48	15.85	21.68	23.98

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



**For beamforming mode:
Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	22.14	0.16368	29.74	0.94189
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	22.18	0.16520	29.78	0.95060
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	21.10	0.12882	28.70	0.74131

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	7.60	16.47	16.11	15.87	16.00	22.14	22.38	29.74	30.00
5200MHz	Pass	7.60	16.21	16.05	15.77	16.12	22.06	22.38	29.66	30.00
5240MHz	Pass	7.60	16.11	16.47	15.56	16.04	22.08	22.38	29.68	30.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	7.60	16.32	16.00	15.94	16.18	22.13	22.38	29.73	30.00
5230MHz	Pass	7.60	16.24	16.36	15.73	16.29	22.18	22.38	29.78	30.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	7.60	15.16	15.08	15.01	15.08	21.10	22.38	28.70	30.00

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

**For Master Mode Band 1~4 and Client Mode Band 2~4:****For non-beamforming mode:****Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	27.88	0.61376
802.11ac VHT20_Nss1,(MCS0)_4TX	27.80	0.60256
802.11ac VHT40_Nss1,(MCS0)_4TX	26.70	0.46774
802.11ac VHT80_Nss1,(MCS0)_4TX	22.74	0.18793
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	22.40	0.17378
802.11ac VHT20_Nss1,(MCS0)_4TX	22.39	0.17338
802.11ac VHT40_Nss1,(MCS0)_4TX	23.60	0.22909
802.11ac VHT80_Nss1,(MCS0)_4TX	23.20	0.20893
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	22.93	0.19634
802.11ac VHT20_Nss1,(MCS0)_4TX	22.81	0.19099
802.11ac VHT40_Nss1,(MCS0)_4TX	23.93	0.24717
802.11ac VHT80_Nss1,(MCS0)_4TX	23.92	0.24660
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	27.64	0.58076
802.11ac VHT20_Nss1,(MCS0)_4TX	27.50	0.56234
802.11ac VHT40_Nss1,(MCS0)_4TX	27.69	0.58749
802.11ac VHT80_Nss1,(MCS0)_4TX	25.45	0.35075

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.50	18.47	18.45	18.71	18.69	24.60	30.00
5200MHz	Pass	5.50	21.9	21.87	21.68	21.86	27.85	30.00
5240MHz	Pass	5.50	21.89	22.05	21.82	21.65	27.88	30.00
5260MHz	Pass	5.30	16.42	16.31	16.59	16.20	22.40	23.98
5300MHz	Pass	5.30	15.89	15.98	16.04	16.16	22.04	23.98
5320MHz	Pass	5.30	16.05	15.88	16.09	16.22	22.08	23.98
5500MHz	Pass	5.80	16.49	16.68	16.82	16.98	22.77	23.98
5580MHz	Pass	5.80	16.53	16.91	16.71	16.79	22.76	23.98
5700MHz	Pass	5.80	16.61	16.64	17.19	17.17	22.93	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.80	15.34	15.48	16.15	16.20	21.83	22.92
5720MHz Straddle 5.725-5.85GHz	Pass	5.70	9.86	9.66	10.23	9.99	15.96	30.00
5745MHz	Pass	5.70	21.24	21.42	21.62	21.76	27.54	30.00
5785MHz	Pass	5.70	21.51	21.59	21.45	21.93	27.64	30.00
5825MHz	Pass	5.70	21.22	21.39	21.8	21.71	27.56	30.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.50	18.85	18.96	19.01	19.09	25.00	30.00
5200MHz	Pass	5.50	21.77	21.91	21.65	21.72	27.78	30.00
5240MHz	Pass	5.50	21.81	21.97	21.71	21.62	27.80	30.00
5260MHz	Pass	5.30	16.30	16.06	16.21	16.03	22.17	23.98
5300MHz	Pass	5.30	16.38	16.11	16.40	16.44	22.36	23.98
5320MHz	Pass	5.30	16.29	16.15	16.50	16.51	22.39	23.98
5500MHz	Pass	5.80	16.40	16.62	16.67	16.75	22.63	23.98
5580MHz	Pass	5.80	16.42	16.74	16.55	16.57	22.59	23.98
5700MHz	Pass	5.80	16.68	16.51	16.98	16.96	22.81	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.80	15.29	15.44	16.14	16.02	21.76	22.96
5720MHz Straddle 5.725-5.85GHz	Pass	5.70	10.09	10.23	10.51	10.44	16.34	30.00
5745MHz	Pass	5.70	21.08	21.34	21.47	21.66	27.41	30.00
5785MHz	Pass	5.70	21.38	21.49	21.3	21.74	27.50	30.00
5825MHz	Pass	5.70	21.1	21.24	21.73	21.54	27.43	30.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.50	16.49	16.77	16.63	16.65	22.66	30.00
5230MHz	Pass	5.50	20.4	20.6	20.71	20.97	26.70	30.00
5270MHz	Pass	5.30	17.64	17.58	17.64	17.47	23.60	23.98
5310MHz	Pass	5.30	17.02	17.13	17.11	17.43	23.20	23.98
5510MHz	Pass	5.80	16.15	16.23	16.41	16.44	22.33	23.98
5550MHz	Pass	5.80	17.88	17.55	17.84	17.67	23.76	23.98
5670MHz	Pass	5.80	17.88	17.85	17.78	18.13	23.93	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.80	17.56	17.76	18.04	18.17	23.91	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.70	7.85	8.00	7.92	8.07	13.98	30.00
5755MHz	Pass	5.70	21.57	21.49	21.47	22.01	27.66	30.00
5795MHz	Pass	5.70	21.55	21.57	21.52	22.03	27.69	30.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.50	16.61	16.76	16.68	16.84	22.74	30.00



Average Power-Mode 2

Appendix B.5

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5290MHz	Pass	5.30	17.43	17.03	17.14	17.10	23.20	23.98
5530MHz	Pass	5.80	16.59	16.56	16.61	16.76	22.65	23.98
5610MHz	Pass	5.80	17.42	17.40	17.80	17.69	23.60	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.80	17.73	17.61	18.12	18.10	23.92	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.70	4.54	4.51	4.62	4.71	10.62	30.00
5775MHz	Pass	5.70	19.32	19.43	19.4	19.58	25.45	30.00

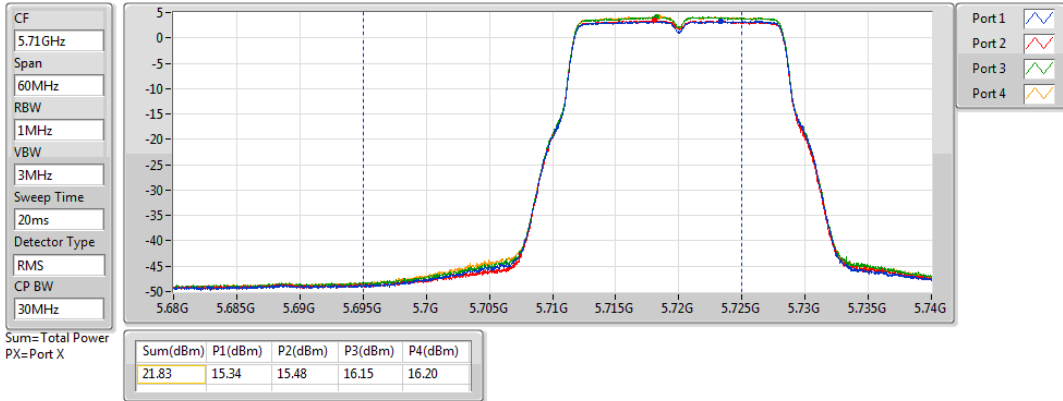
DG = Directional Gain; **Port X** = Port X output power

802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

22/11/2019

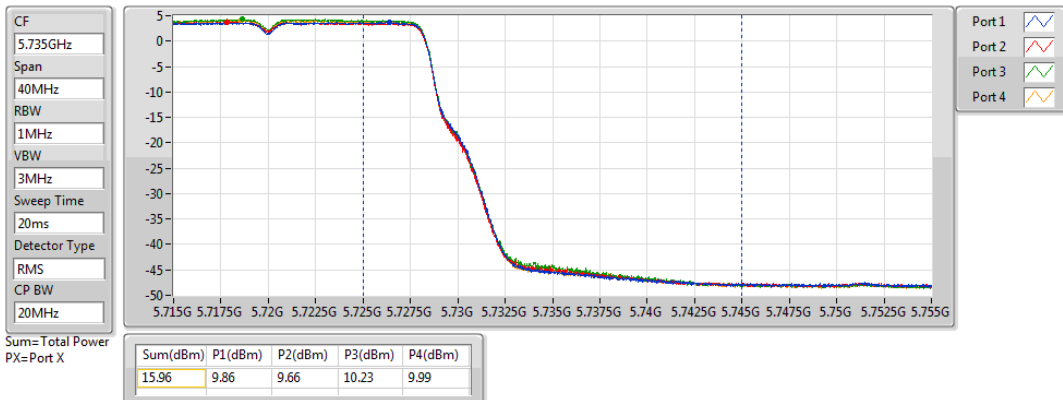


802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

22/11/2019

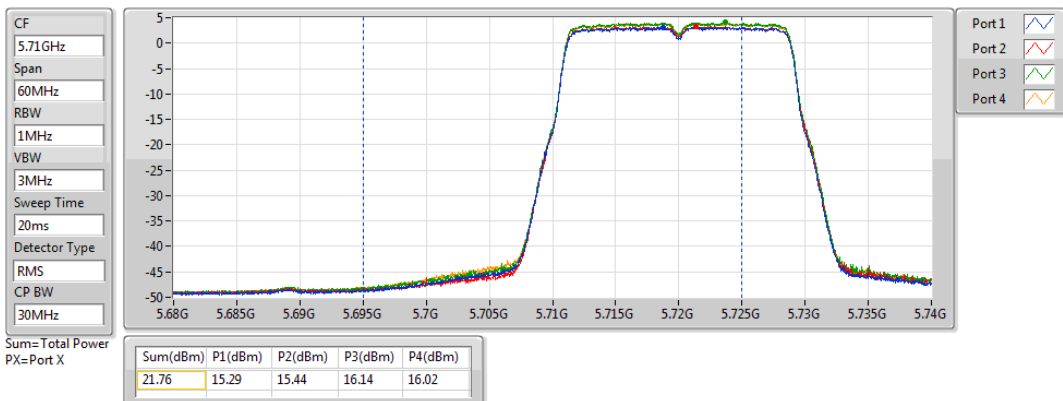


802.11ac VHT20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

22/11/2019

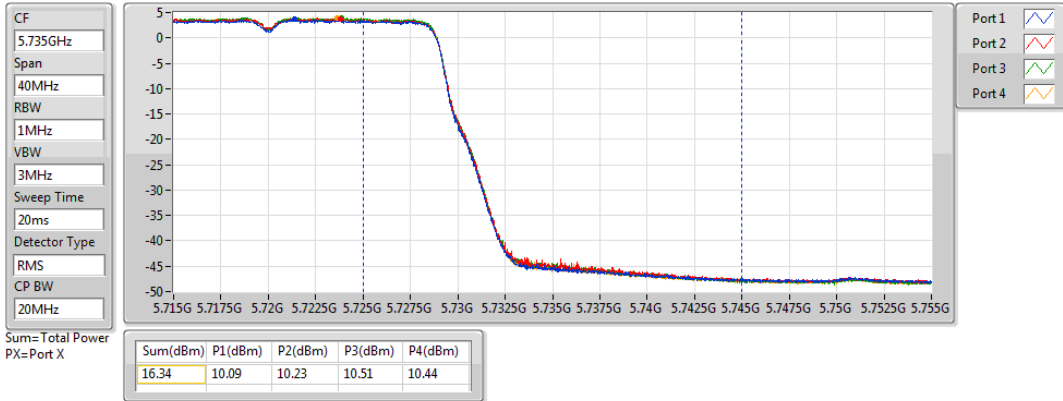


802.11ac VHT20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

22/11/2019

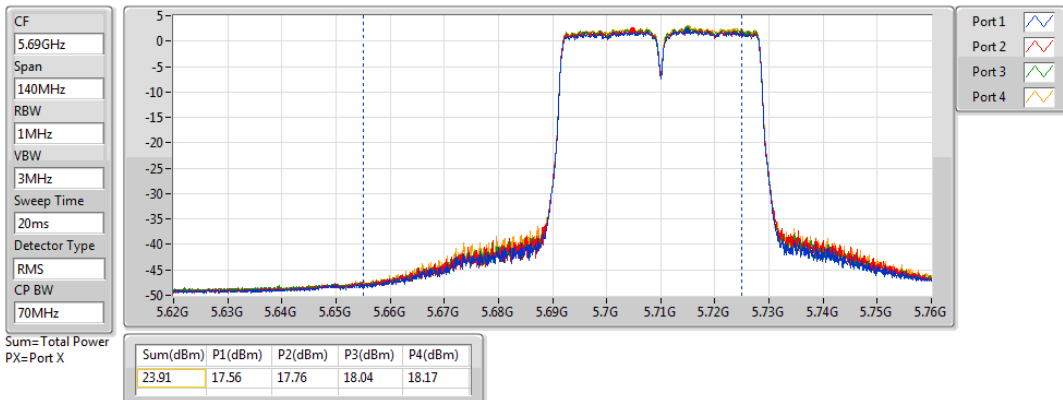


802.11ac VHT40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

22/11/2019

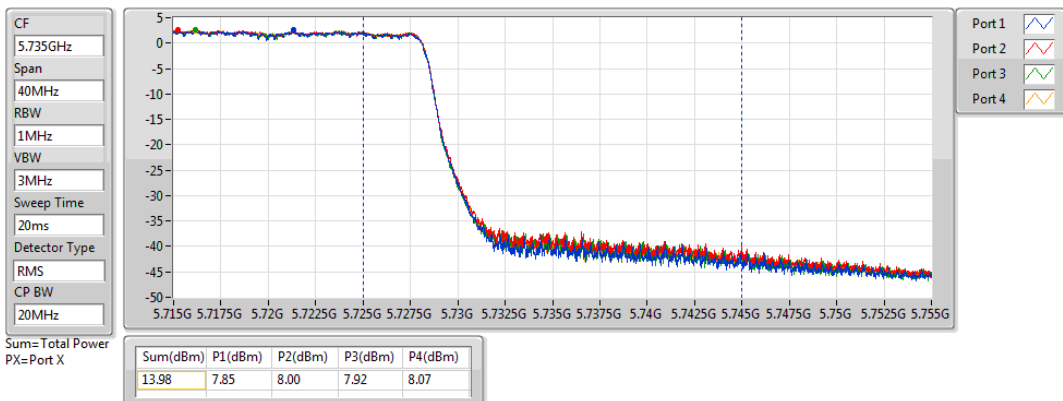


802.11ac VHT40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

22/11/2019

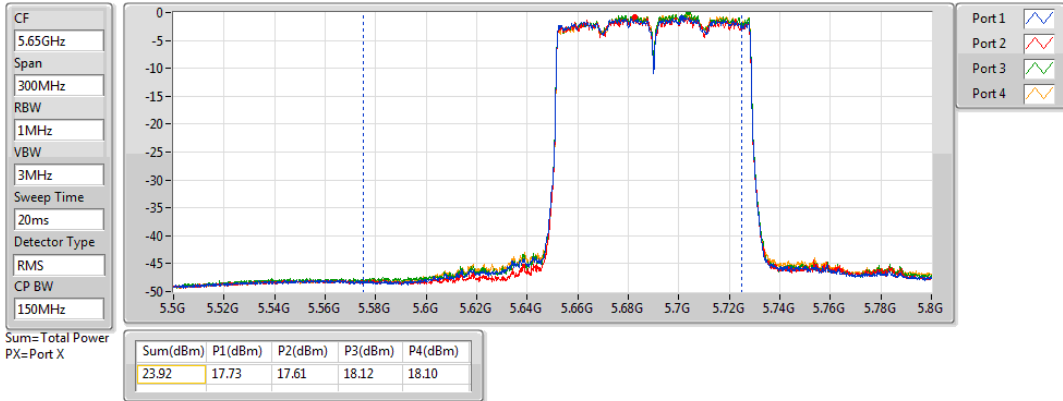


802.11ac VHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

22/11/2019

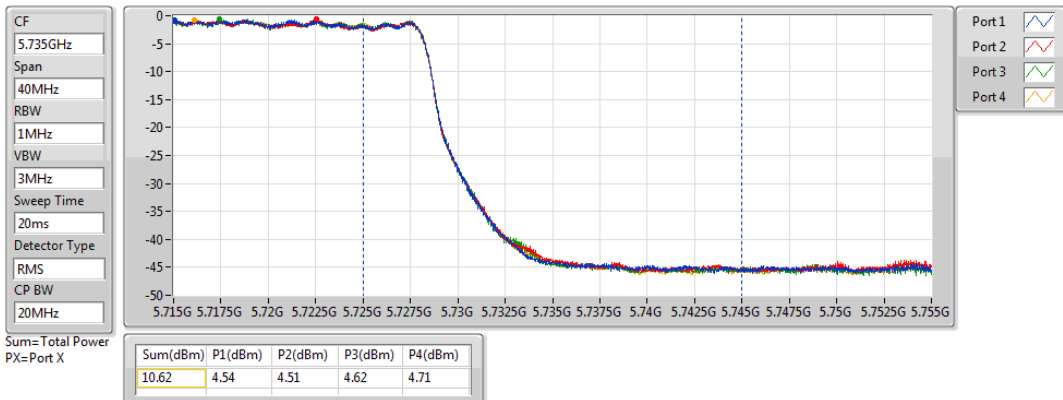


802.11ac VHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

22/11/2019



**For beamforming mode:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	27.75	0.59566
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	28.03	0.63533
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	22.40	0.17378
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	22.44	0.17539
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	22.09	0.16181
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	22.20	0.16596
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	22.75	0.18836
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	22.74	0.18793
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	22.70	0.18621
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	27.61	0.57677
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	27.60	0.57544
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	26.89	0.48865

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.60	18.74	18.33	18.42	18.74	24.58	28.40
5200MHz	Pass	7.60	21.79	21.62	21.41	21.97	27.72	28.40
5240MHz	Pass	7.60	21.92	21.98	21.29	21.69	27.75	28.40
5260MHz	Pass	7.50	16.35	16.18	16.34	16.12	22.27	22.48
5300MHz	Pass	7.50	16.22	16.28	16.56	16.42	22.39	22.48
5320MHz	Pass	7.50	16.35	16.34	16.48	16.50	22.44	22.48
5500MHz	Pass	7.00	16.49	16.59	16.58	16.74	22.62	22.98
5580MHz	Pass	7.00	16.24	16.86	16.57	16.67	22.61	22.98
5700MHz	Pass	7.00	16.26	16.51	16.99	17.11	22.75	22.98
5720MHz Straddle 5.47-5.725GHz	Pass	7.00	15.19	15.27	15.90	15.85	21.59	21.94
5720MHz Straddle 5.725-5.85GHz	Pass	7.10	10.06	10.00	11.09	10.21	16.38	28.90
5745MHz	Pass	7.10	21.49	21.49	21.44	21.86	27.59	28.90
5785MHz	Pass	7.10	21.20	21.19	21.09	21.41	27.24	28.90
5825MHz	Pass	7.10	21.27	21.66	21.43	21.95	27.61	28.90
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.60	16.79	16.47	16.44	16.88	22.67	28.40
5230MHz	Pass	7.60	22.01	21.96	21.66	22.37	28.03	28.40
5270MHz	Pass	7.50	16.20	15.94	15.90	16.04	22.04	22.48
5310MHz	Pass	7.50	15.99	15.99	16.02	16.29	22.09	22.48
5510MHz	Pass	7.00	14.81	14.76	15.17	15.14	20.99	22.98
5550MHz	Pass	7.00	16.68	16.60	16.87	16.73	22.74	22.98
5670MHz	Pass	7.00	16.88	16.62	16.58	16.54	22.68	22.98
5710MHz Straddle 5.47-5.725GHz	Pass	7.00	16.28	16.38	16.80	16.85	22.61	22.98
5710MHz Straddle 5.725-5.85GHz	Pass	7.10	6.74	6.61	7.53	6.74	12.94	28.90
5755MHz	Pass	7.10	21.21	21.56	21.35	22.14	27.60	28.90
5795MHz	Pass	7.10	21.21	21.53	21.29	21.98	27.53	28.90
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.60	16.47	16.37	16.09	16.57	22.40	28.40
5290MHz	Pass	7.50	16.29	16.05	16.00	16.36	22.20	22.48
5530MHz	Pass	7.00	16.57	16.58	16.64	16.91	22.70	22.98
5610MHz	Pass	7.00	16.45	16.34	16.94	16.74	22.64	22.98
5690MHz Straddle 5.47-5.725GHz	Pass	7.00	16.39	16.56	16.78	16.60	22.61	22.98
5690MHz Straddle 5.725-5.85GHz	Pass	7.10	2.98	2.88	3.91	3.37	9.32	28.90
5775MHz	Pass	7.10	20.85	20.88	20.67	21.06	26.89	28.90

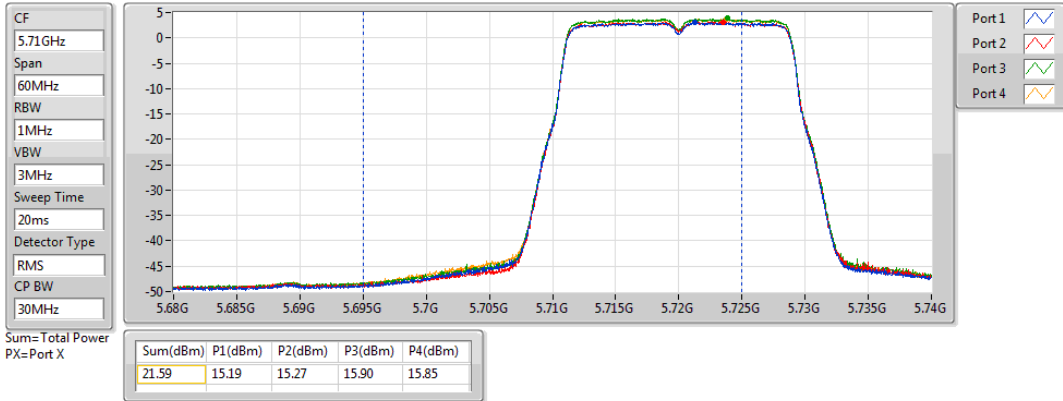
DG = Directional Gain; **Port X** = Port X output power

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

23/11/2019

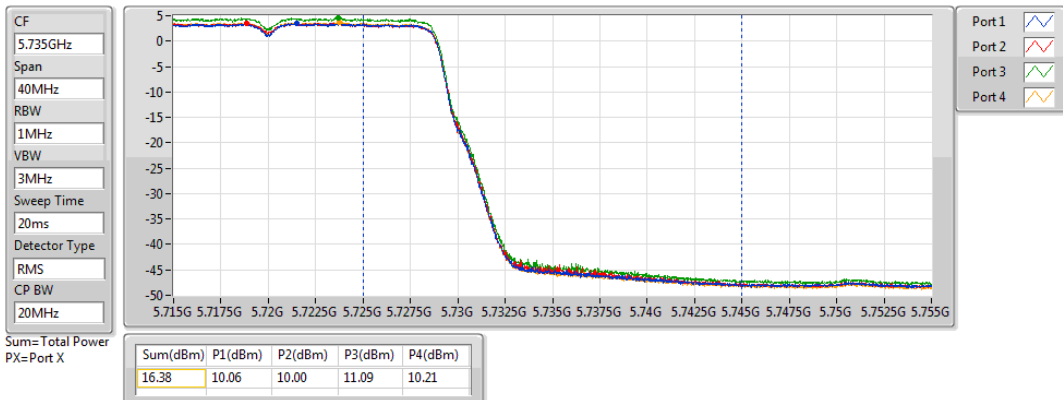


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

23/11/2019

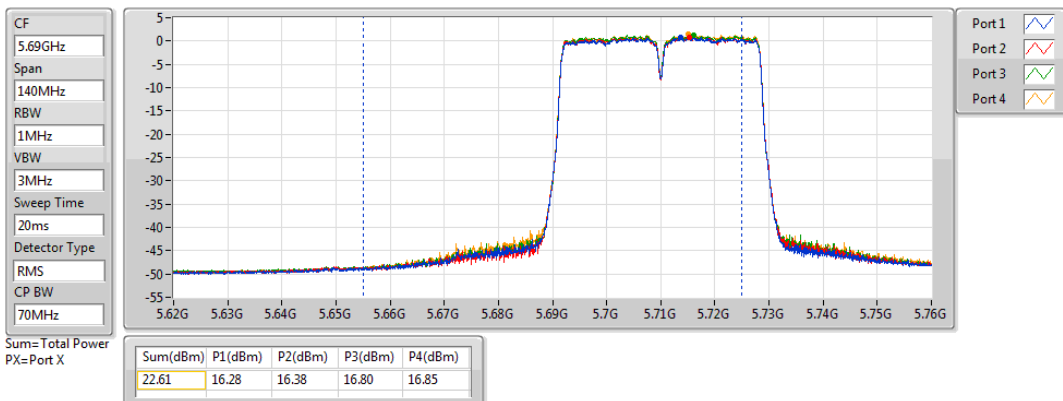


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

23/11/2019

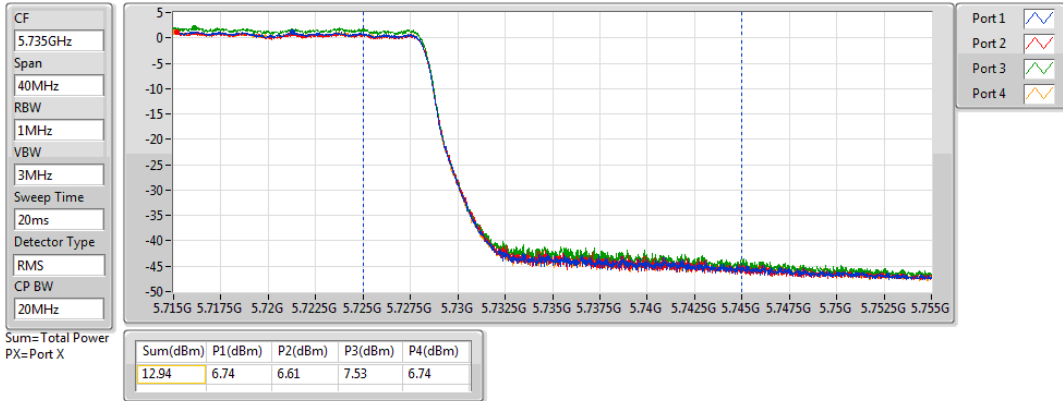


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

23/11/2019

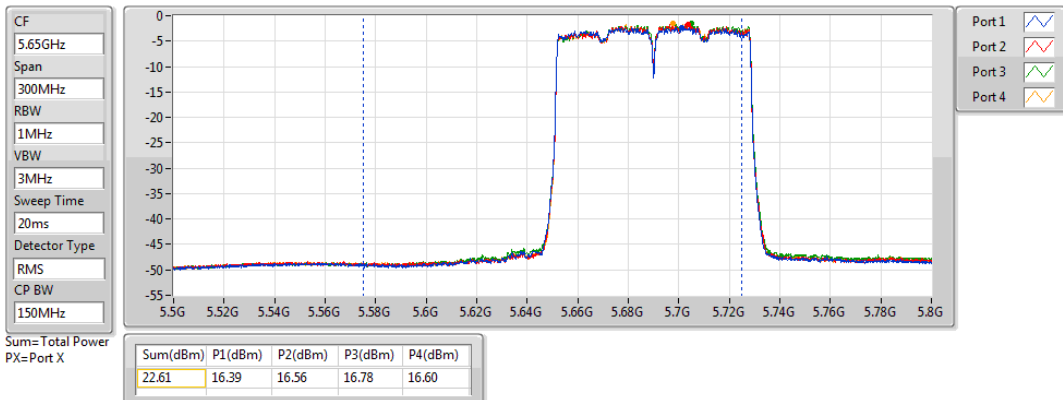


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

23/11/2019

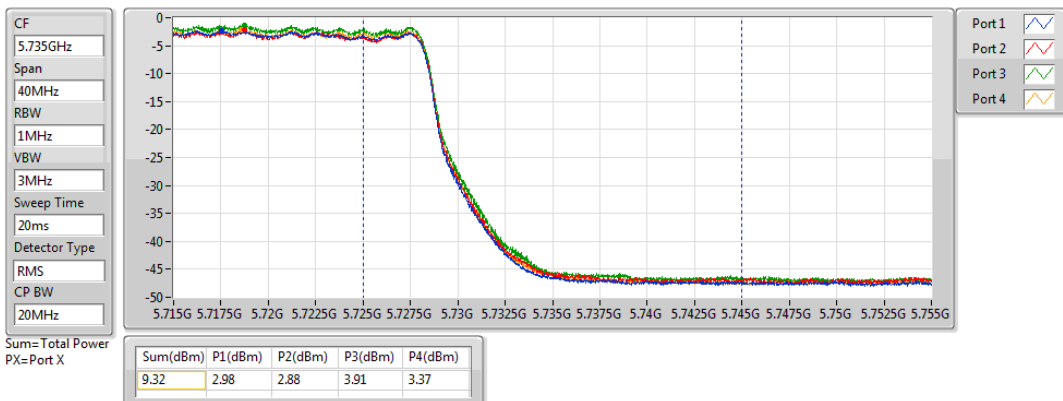


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

23/11/2019





For Client Mode Band 1:
For non-beamforming mode:
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	21.96	0.15704
802.11ac VHT20_Nss1,(MCS0)_4TX	21.78	0.15066
802.11ac VHT40_Nss1,(MCS0)_4TX	23.95	0.24831
802.11ac VHT80_Nss1,(MCS0)_4TX	22.74	0.18793



For Client Mode Band 1:
For non-beamforming mode:
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.50	15.89	15.96	15.91	15.98	21.96	23.98
5200MHz	Pass	5.50	15.68	16.09	15.84	16.03	21.93	23.98
5240MHz	Pass	5.50	15.72	16.02	15.94	15.72	21.87	23.98
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.50	15.64	15.66	15.69	15.67	21.69	23.98
5200MHz	Pass	5.50	15.57	15.90	15.81	15.75	21.78	23.98
5240MHz	Pass	5.50	15.61	15.93	15.82	15.58	21.76	23.98
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.50	16.49	16.77	16.63	16.65	22.66	23.98
5230MHz	Pass	5.50	17.77	17.81	17.93	18.21	23.95	23.98
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.50	16.61	16.76	16.68	16.84	22.74	23.98

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



**For beamforming mode:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.98	0.15776
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	22.24	0.16749
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	21.94	0.15631

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.60	15.87	15.60	15.62	15.94	21.78	22.38
5200MHz	Pass	7.60	15.85	15.57	15.60	16.08	21.80	22.38
5240MHz	Pass	7.60	16.11	16.10	15.61	16.01	21.98	22.38
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.60	16.23	16.15	15.95	16.42	22.21	22.38
5230MHz	Pass	7.60	16.10	16.23	15.88	16.63	22.24	22.38
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.60	15.90	15.95	15.76	16.06	21.94	22.38

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

For Master Mode Band 1~4 and Client Mode Band 2~4:

For non-beamforming mode:

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	15.32
802.11ac VHT20_Nss1,(MCS0)_4TX	15.03
802.11ac VHT40_Nss1,(MCS0)_4TX	11.93
802.11ac VHT80_Nss1,(MCS0)_4TX	3.28
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	9.23
802.11ac VHT20_Nss1,(MCS0)_4TX	9.44
802.11ac VHT40_Nss1,(MCS0)_4TX	7.85
802.11ac VHT80_Nss1,(MCS0)_4TX	2.38
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	9.95
802.11ac VHT20_Nss1,(MCS0)_4TX	9.95
802.11ac VHT40_Nss1,(MCS0)_4TX	7.93
802.11ac VHT80_Nss1,(MCS0)_4TX	5.27
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	13.15
802.11ac VHT20_Nss1,(MCS0)_4TX	13.16
802.11ac VHT40_Nss1,(MCS0)_4TX	10.40
802.11ac VHT80_Nss1,(MCS0)_4TX	5.87

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.60	8.36	8.65	8.36	8.29	14.36	15.40
5200MHz	Pass	7.60	9.08	9.55	9.41	9.30	15.29	15.40
5240MHz	Pass	7.60	9.13	9.36	9.64	9.46	15.32	15.40
5260MHz	Pass	7.50	3.20	3.04	3.51	3.03	9.13	9.50
5300MHz	Pass	7.50	3.28	3.17	3.48	3.23	9.22	9.50
5320MHz	Pass	7.50	3.22	3.34	3.49	3.17	9.23	9.50
5500MHz	Pass	7.00	3.70	3.61	3.99	3.58	9.68	10.00
5580MHz	Pass	7.00	3.65	3.69	3.84	3.38	9.59	10.00
5700MHz	Pass	7.00	3.55	3.63	3.84	3.72	9.58	10.00
5720MHz Straddle 5.47-5.725GHz	Pass	7.00	3.71	3.91	4.34	3.97	9.95	10.00
5720MHz Straddle 5.725-5.85GHz	Pass	7.10	2.17	2.19	2.62	1.86	8.17	28.90
5745MHz	Pass	7.10	7.00	7.36	7.50	7.00	13.15	28.90
5785MHz	Pass	7.10	7.03	7.28	7.18	6.75	13.00	28.90
5825MHz	Pass	7.10	6.81	7.02	7.22	6.70	12.87	28.90
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.60	7.78	7.99	7.69	7.67	13.66	15.40
5200MHz	Pass	7.60	8.81	9.25	9.38	9.00	15.03	15.40
5240MHz	Pass	7.60	8.80	9.13	9.34	9.16	15.02	15.40
5260MHz	Pass	7.50	3.44	3.32	3.75	3.52	9.44	9.50
5300MHz	Pass	7.50	3.47	3.40	3.71	3.43	9.43	9.50
5320MHz	Pass	7.50	3.54	3.46	3.68	3.33	9.42	9.50
5500MHz	Pass	7.00	4.00	4.07	4.23	3.89	9.92	10.00
5580MHz	Pass	7.00	4.02	3.94	4.10	3.95	9.90	10.00
5700MHz	Pass	7.00	3.79	4.01	4.28	4.00	9.95	10.00
5720MHz Straddle 5.47-5.725GHz	Pass	7.00	3.72	3.72	4.41	3.95	9.89	10.00
5720MHz Straddle 5.725-5.85GHz	Pass	7.10	1.96	2.15	2.37	1.95	8.12	28.90
5745MHz	Pass	7.10	6.73	7.16	7.57	6.91	12.99	28.90
5785MHz	Pass	7.10	7.03	7.11	7.03	6.84	12.91	28.90
5825MHz	Pass	7.10	7.06	7.33	7.43	7.19	13.16	28.90
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.60	0.80	0.61	0.77	0.50	6.58	15.40
5230MHz	Pass	7.60	5.88	6.00	6.18	6.12	11.93	15.40
5270MHz	Pass	7.50	2.02	1.99	2.03	1.76	7.85	9.50
5310MHz	Pass	7.50	0.57	0.42	0.70	0.26	6.39	9.50
5510MHz	Pass	7.00	0.91	0.84	1.09	0.87	6.90	10.00
5550MHz	Pass	7.00	1.80	1.72	2.29	2.05	7.93	10.00
5670MHz	Pass	7.00	1.87	1.76	2.34	1.77	7.72	10.00
5710MHz Straddle 5.47-5.725GHz	Pass	7.00	1.45	1.55	2.10	1.79	7.67	10.00
5710MHz Straddle 5.725-5.85GHz	Pass	7.10	-0.22	-0.16	-0.03	-0.35	5.81	28.90
5755MHz	Pass	7.10	4.26	4.42	4.73	4.48	10.40	28.90
5795MHz	Pass	7.10	4.56	4.70	4.49	4.25	10.39	28.90
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.60	-2.30	-2.53	-2.75	-2.11	3.28	15.40

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5290MHz	Pass	7.50	-3.03	-3.31	-3.59	-3.48	2.38	9.50
5530MHz	Pass	7.00	-2.83	-2.93	-2.84	-2.60	3.08	10.00
5610MHz	Pass	7.00	-0.58	-0.60	-0.24	-0.47	5.27	10.00
5690MHz Straddle 5.47-5.725GHz	Pass	7.00	-0.60	-0.85	-0.62	-1.00	5.04	10.00
5690MHz Straddle 5.725-5.85GHz	Pass	7.10	-3.06	-2.77	-2.85	-4.00	2.76	28.90
5775MHz	Pass	7.10	0.08	0.11	0.33	-0.40	5.87	28.90

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

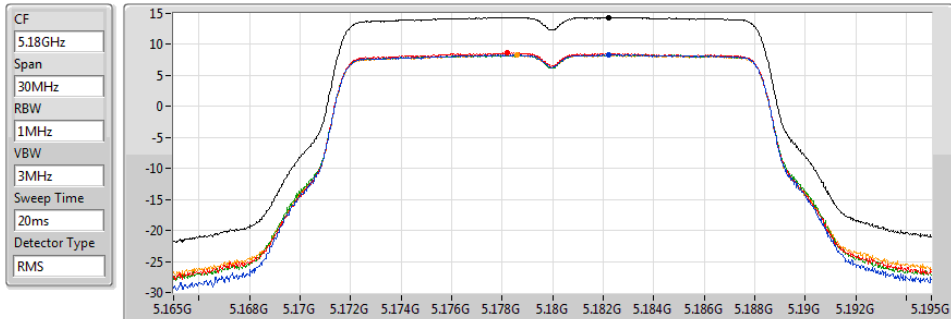
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_4TX

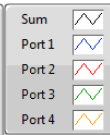
PSD

5180MHz

18/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
14.36	14.36	8.36	8.65	8.36	8.29

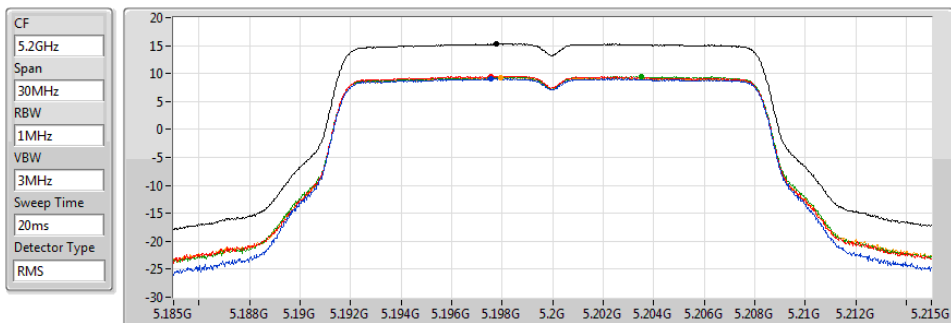


802.11a_Nss1,(6Mbps)_4TX

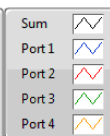
PSD

5200MHz

18/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
15.29	15.29	9.08	9.55	9.41	9.30

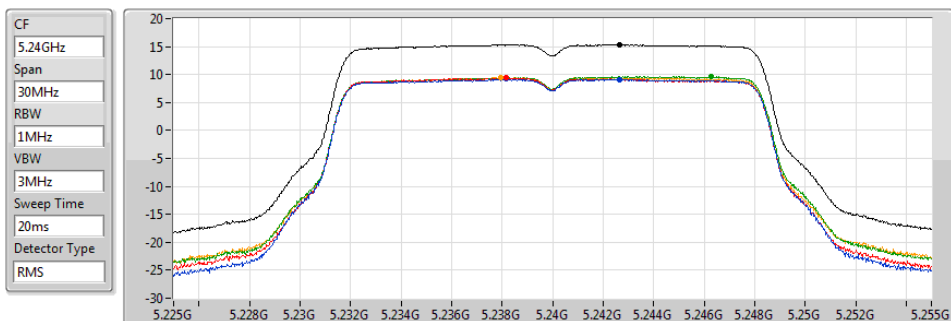


802.11a_Nss1,(6Mbps)_4TX

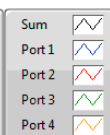
PSD

5240MHz

18/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
15.32	15.32	9.13	9.36	9.64	9.46

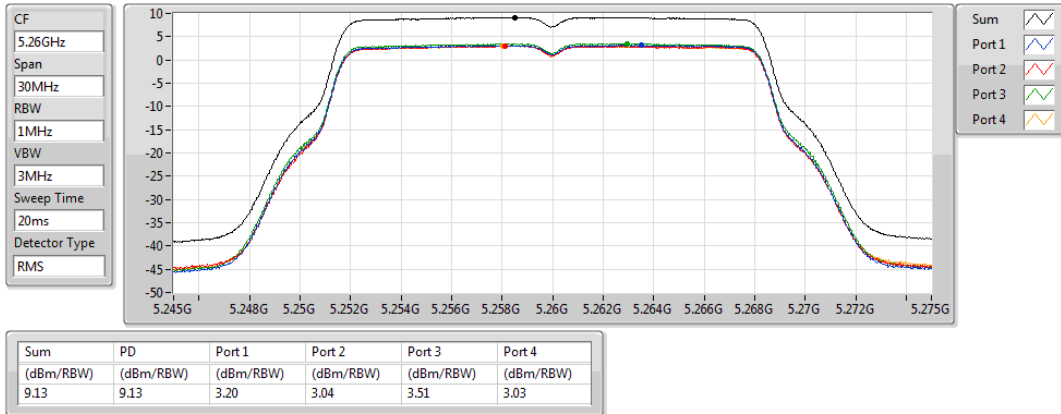


802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

18/11/2019

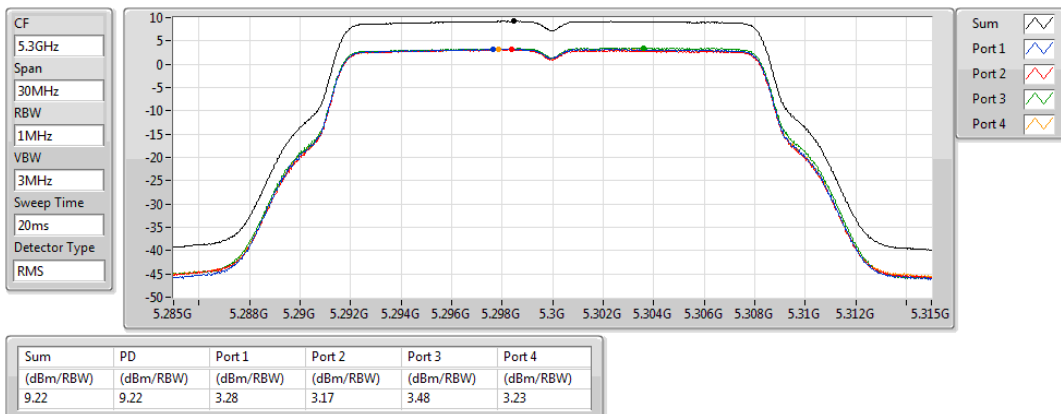


802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

18/11/2019

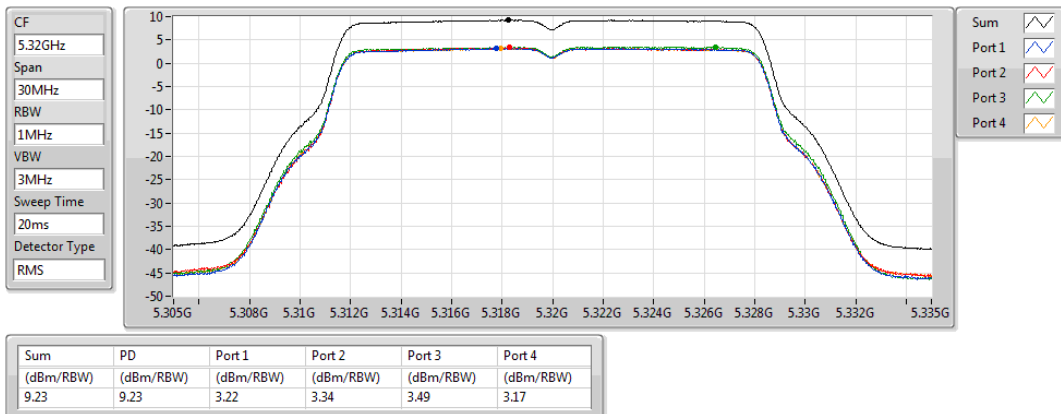


802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

18/11/2019



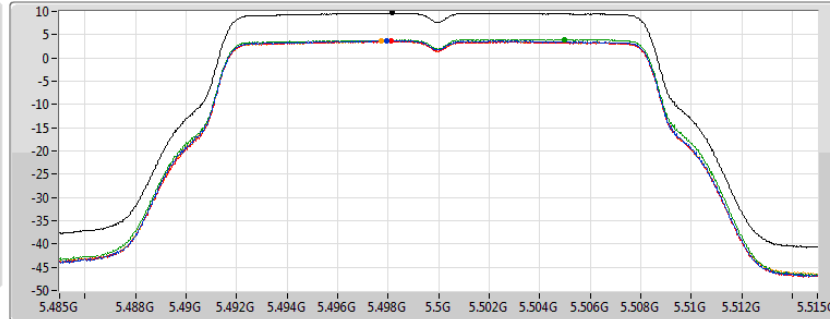
802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

18/11/2019

CF
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.68	9.68	3.70	3.61	3.99	3.58

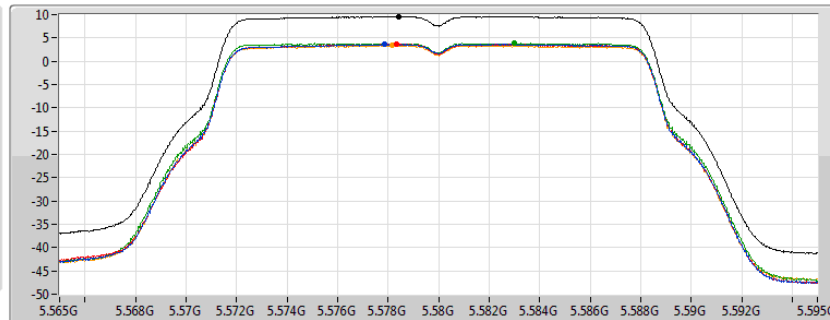
802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

18/11/2019

CF
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.59	9.59	3.65	3.69	3.84	3.38

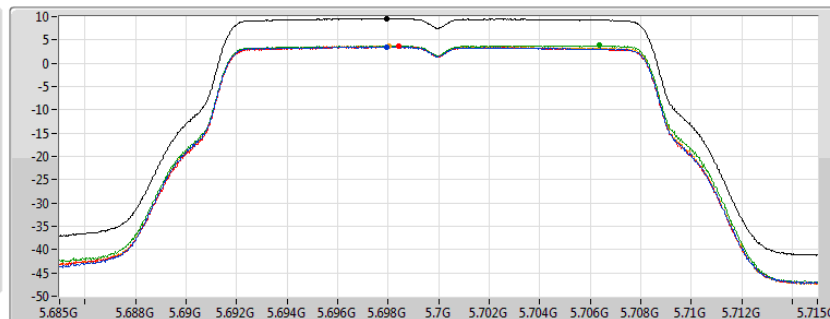
802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

18/11/2019

CF
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

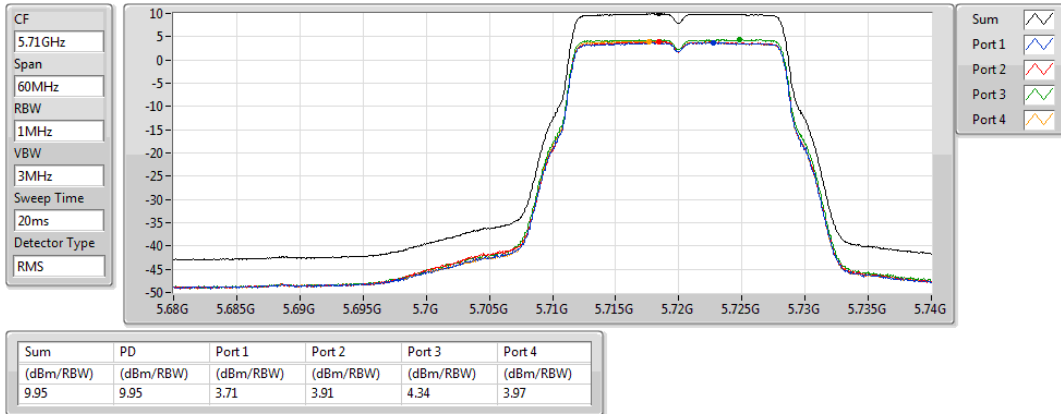
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.58	9.58	3.55	3.63	3.84	3.72

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz

PSD

18/11/2019

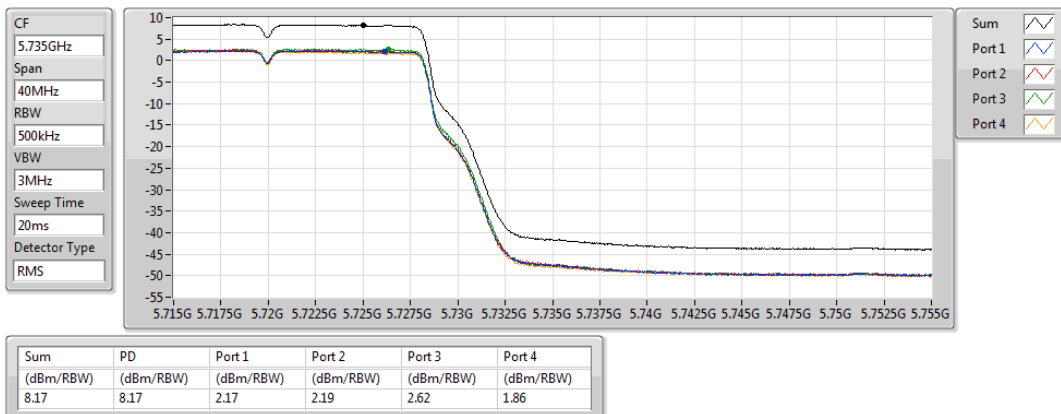


802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

18/11/2019

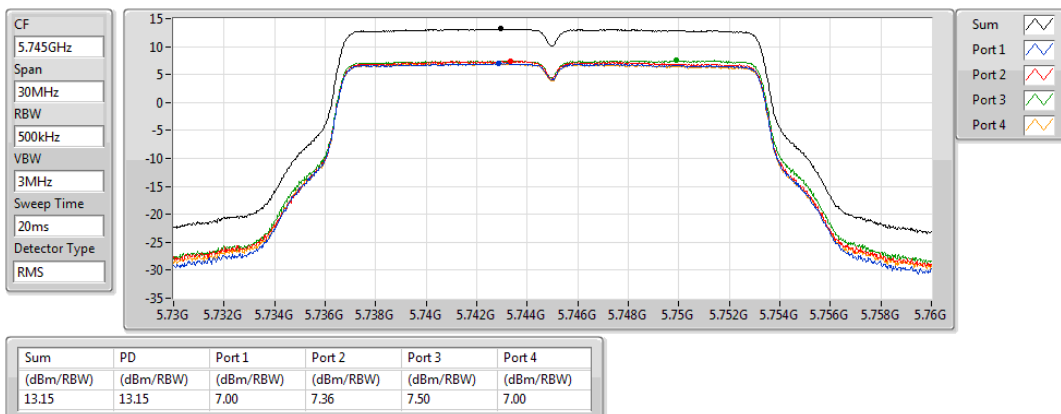


802.11a_Nss1,(6Mbps)_4TX

5745MHz

PSD

18/11/2019

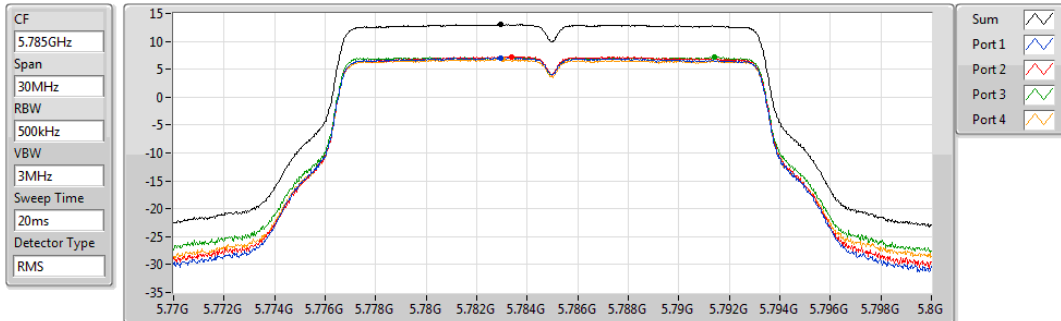


802.11a_Nss1,(6Mbps)_4TX

5785MHz

PSD

18/11/2019



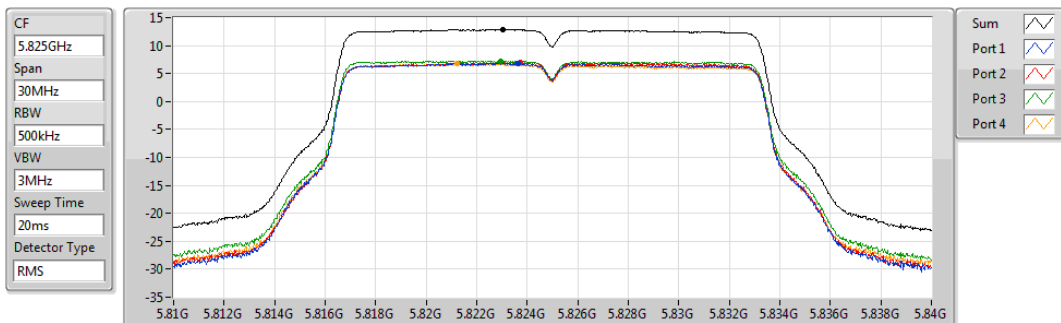
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.00	13.00	7.03	7.28	7.18	6.75

802.11a_Nss1,(6Mbps)_4TX

5825MHz

PSD

18/11/2019



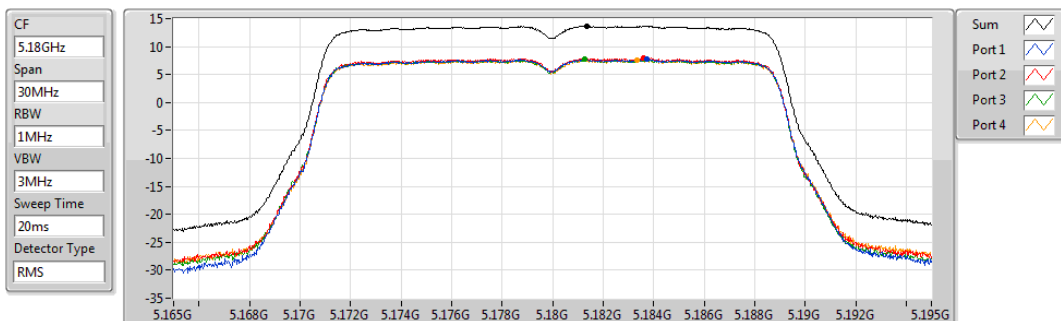
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.87	12.87	6.81	7.02	7.22	6.70

802.11ac VHT20_Nss1,(MCS0)_4TX

5180MHz

PSD

18/11/2019



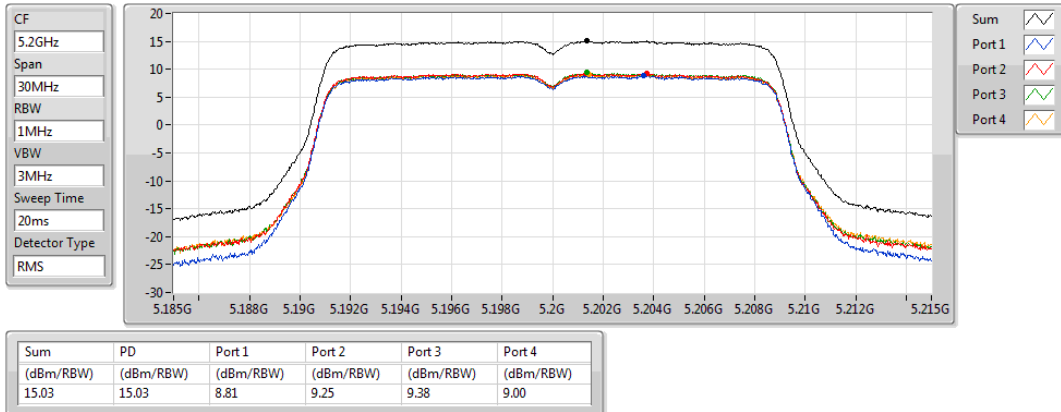
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.66	13.66	7.78	7.99	7.69	7.67

802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5200MHz

18/11/2019

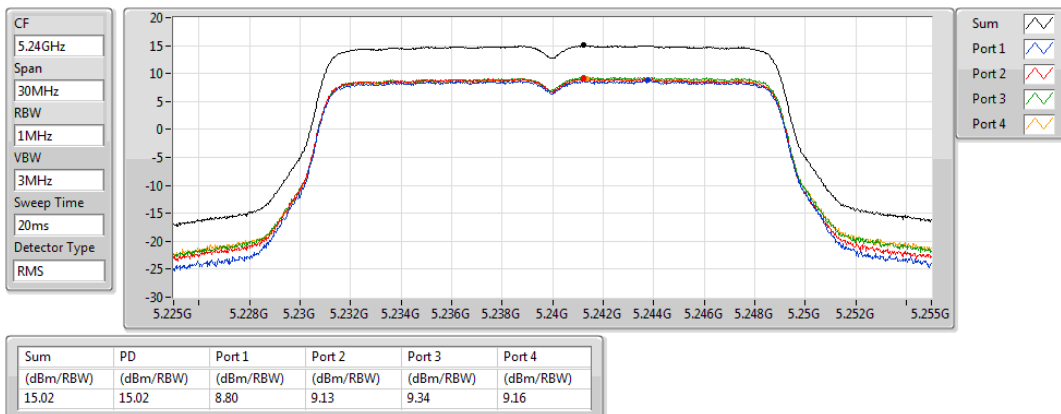


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5240MHz

18/11/2019

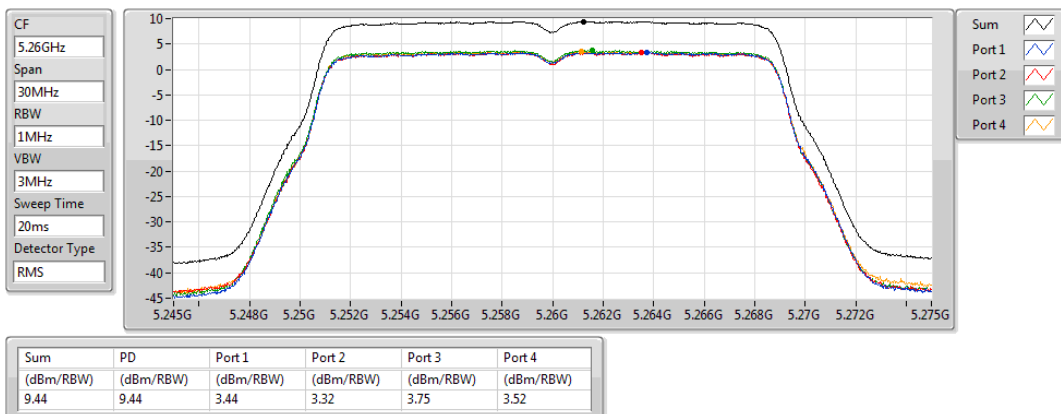


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5260MHz

18/11/2019

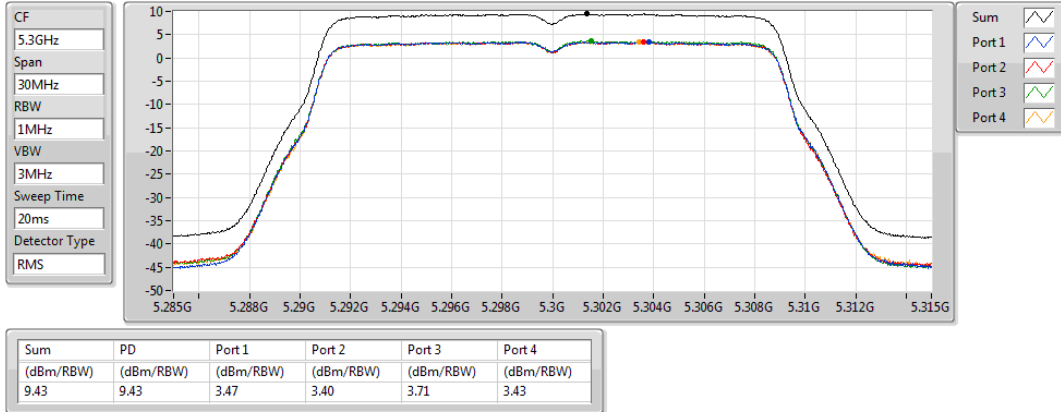


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5300MHz

18/11/2019

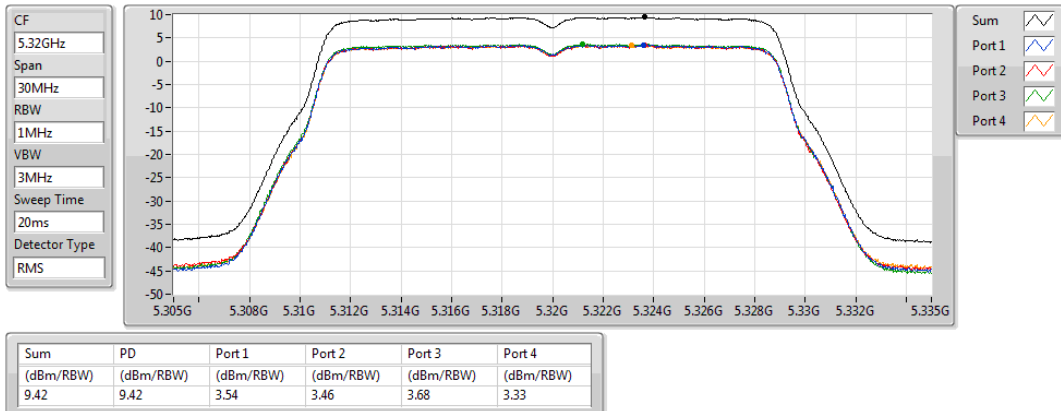


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5320MHz

18/11/2019

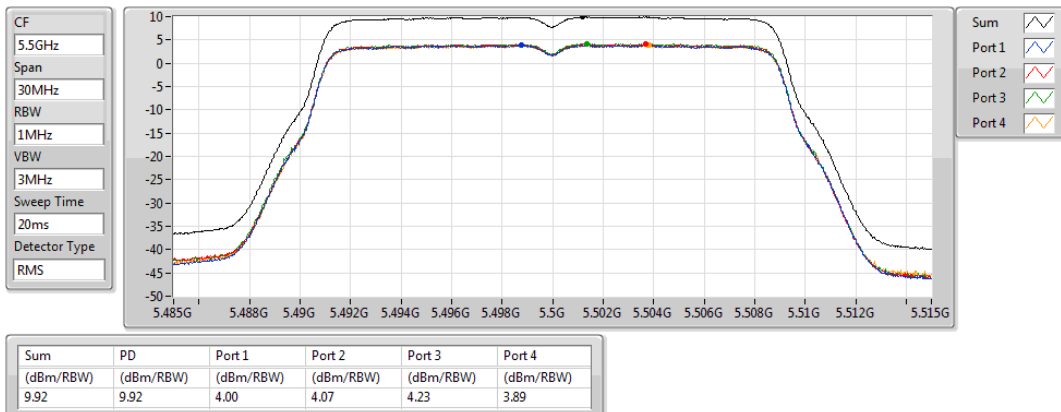


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5500MHz

18/11/2019

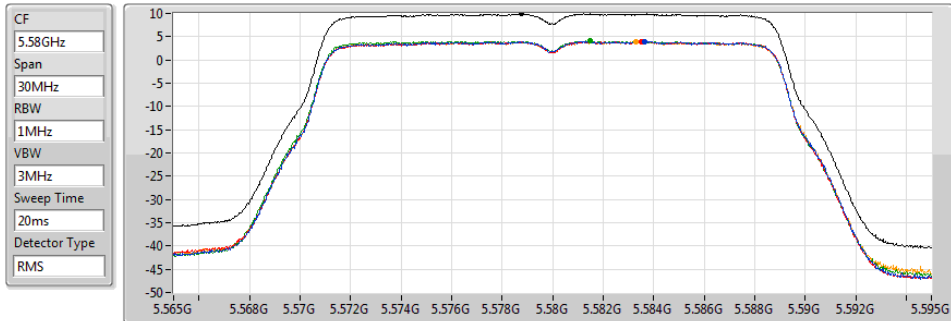


802.11ac VHT20_Nss1,(MCS0)_4TX

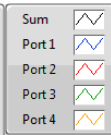
PSD

5580MHz

18/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.90	9.90	4.02	3.94	4.10	3.95

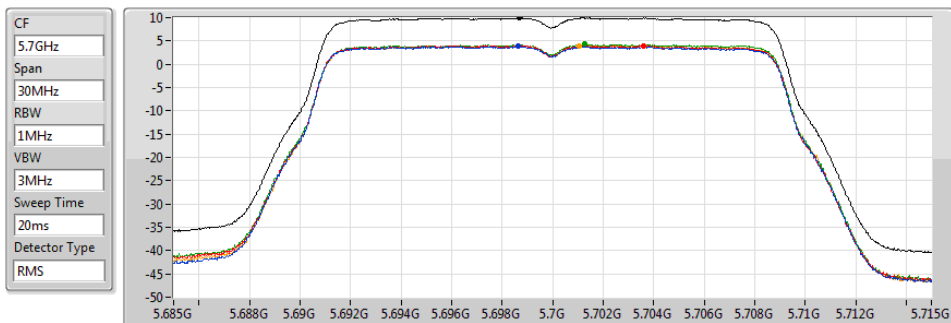


802.11ac VHT20_Nss1,(MCS0)_4TX

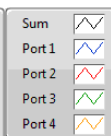
PSD

5700MHz

18/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.95	9.95	3.79	4.01	4.28	4.00

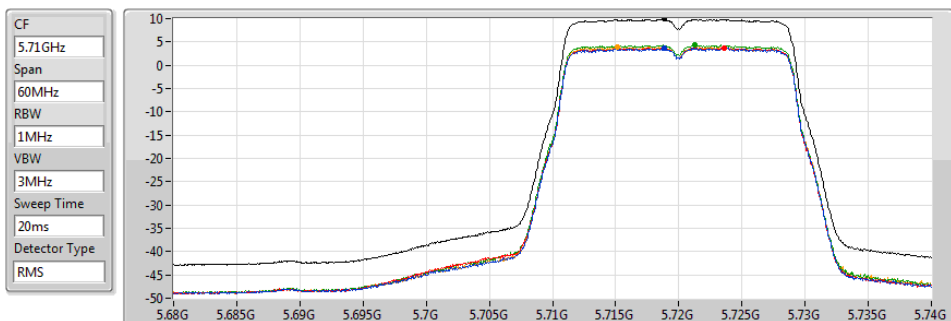


802.11ac VHT20_Nss1,(MCS0)_4TX

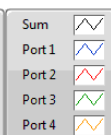
PSD

5720MHz Straddle 5.47-5.725GHz

18/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.89	9.89	3.72	3.72	4.41	3.95

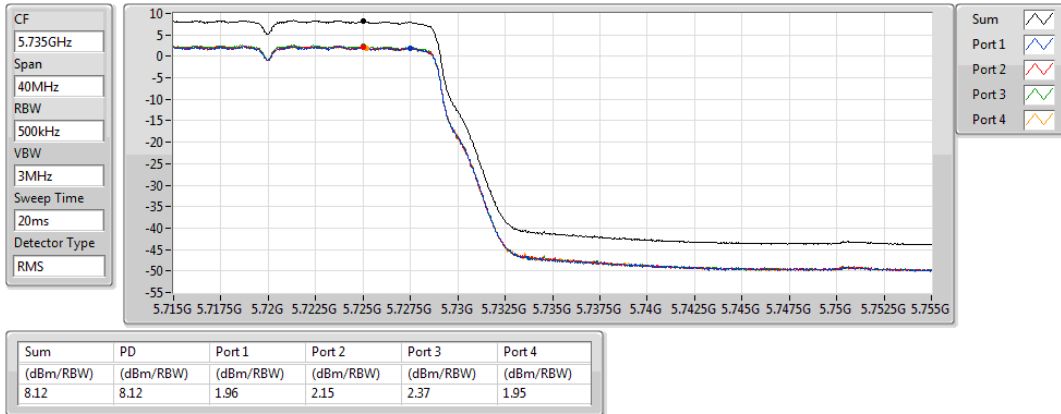


802.11ac VHT20_Nss1,(MCS0)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

18/11/2019

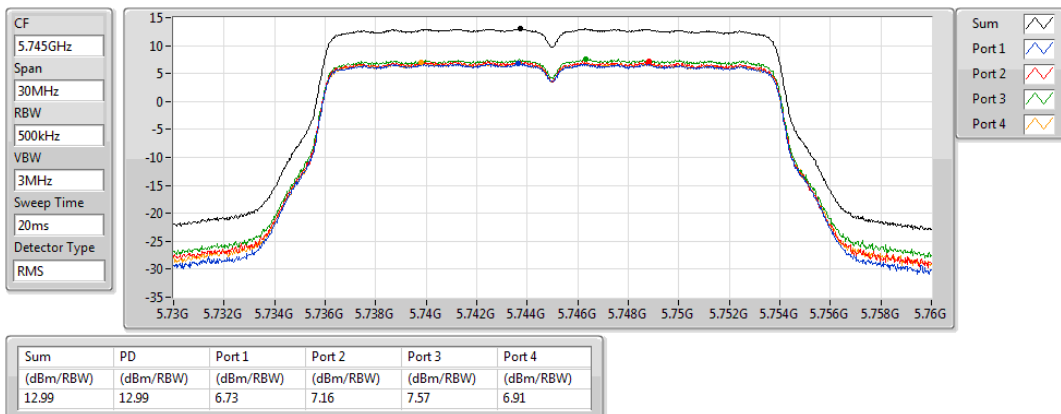


802.11ac VHT20_Nss1,(MCS0)_4TX

5745MHz

PSD

18/11/2019

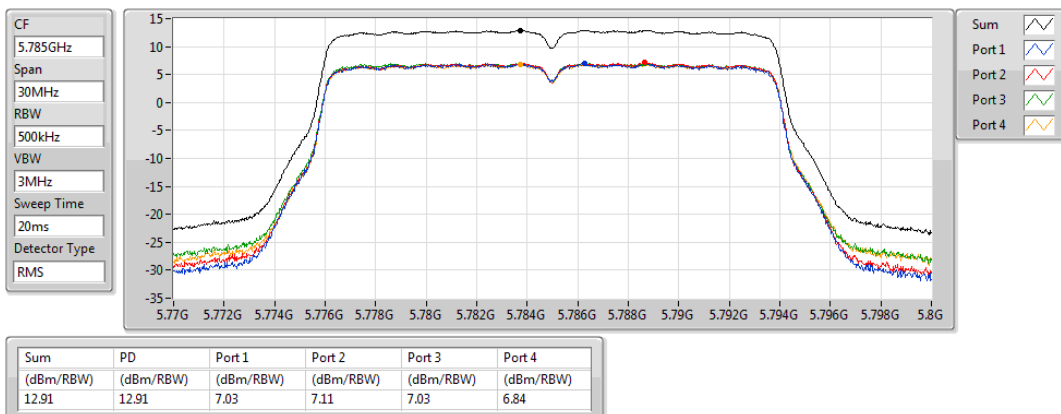


802.11ac VHT20_Nss1,(MCS0)_4TX

5785MHz

PSD

18/11/2019

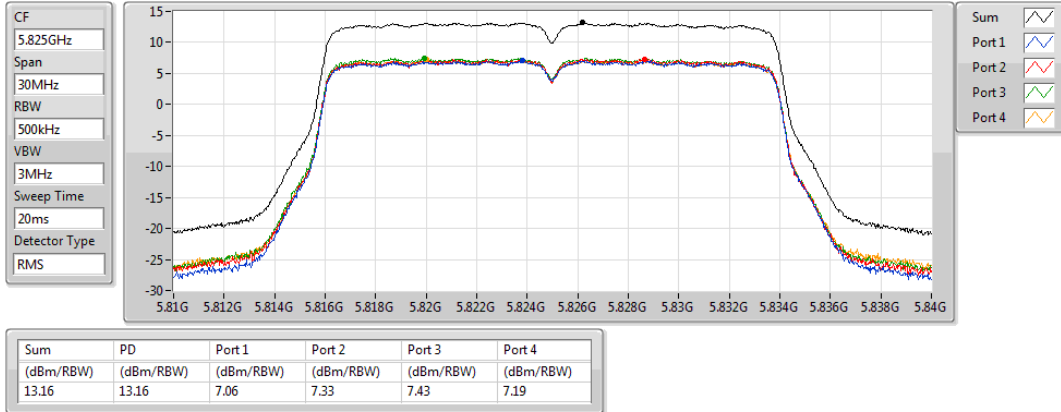


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5825MHz

18/11/2019

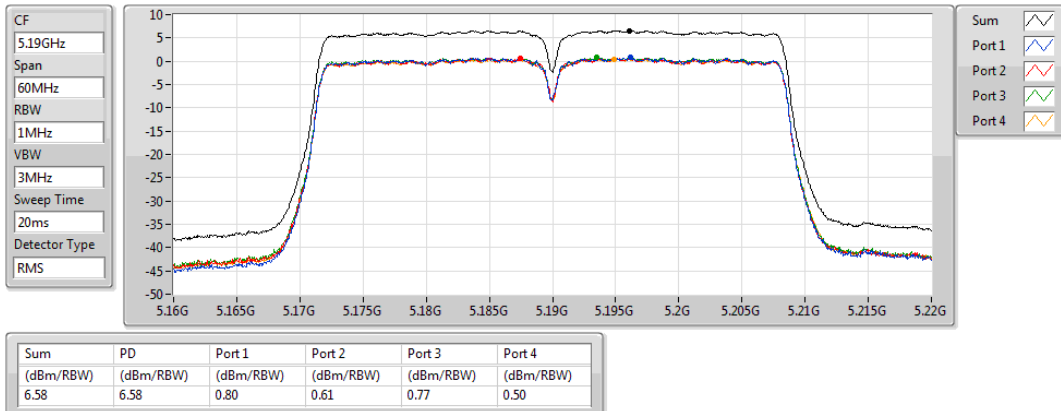


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5190MHz

18/11/2019

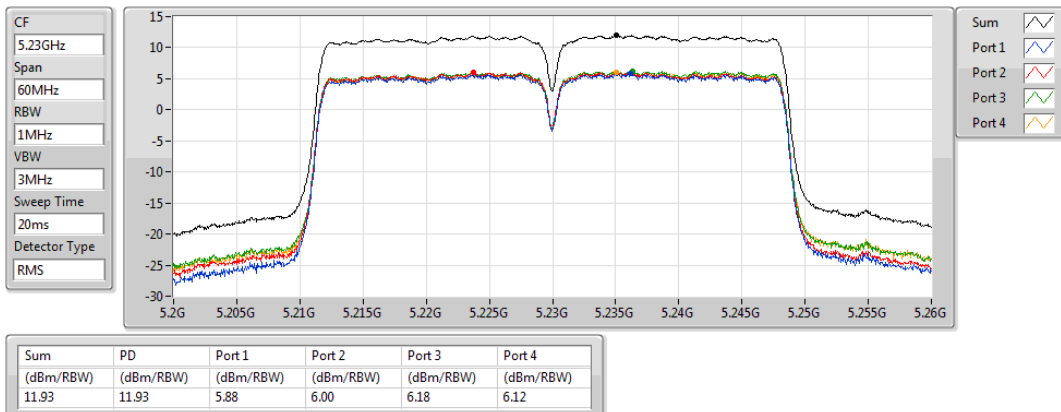


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5230MHz

18/11/2019

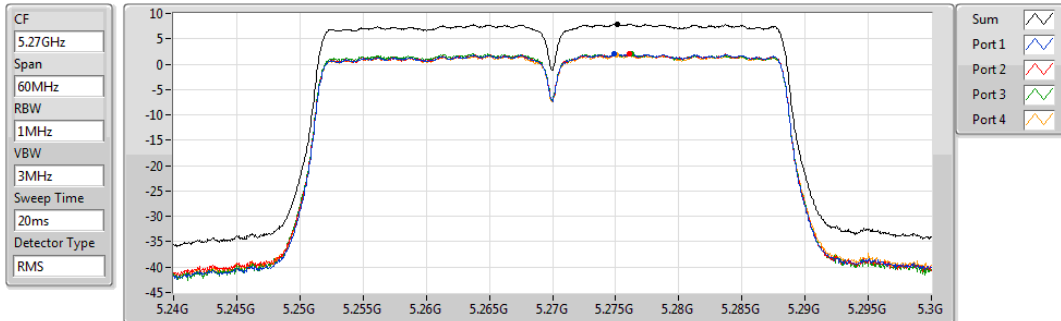


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5270MHz

18/11/2019



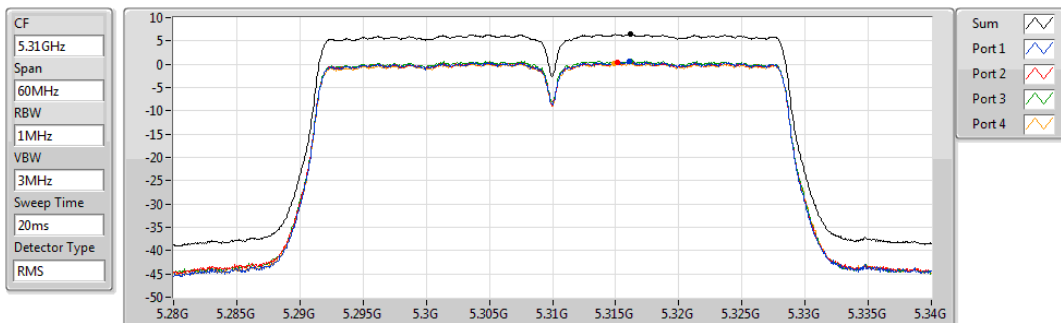
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.85	7.85	2.02	1.99	2.03	1.76

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5310MHz

18/11/2019



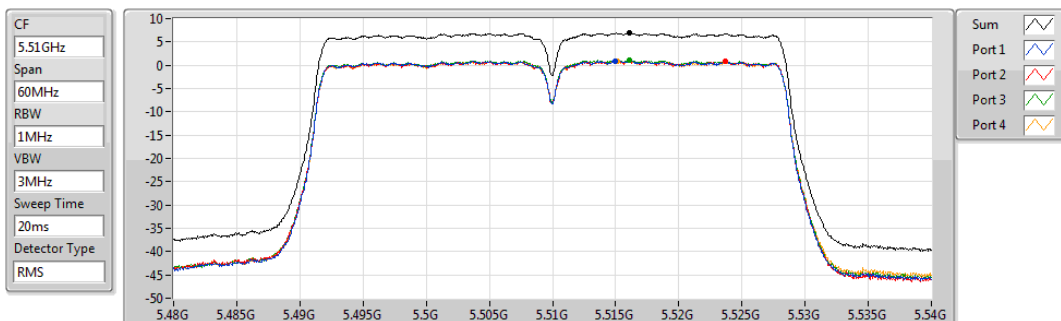
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.39	6.39	0.57	0.42	0.70	0.26

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5510MHz

18/11/2019



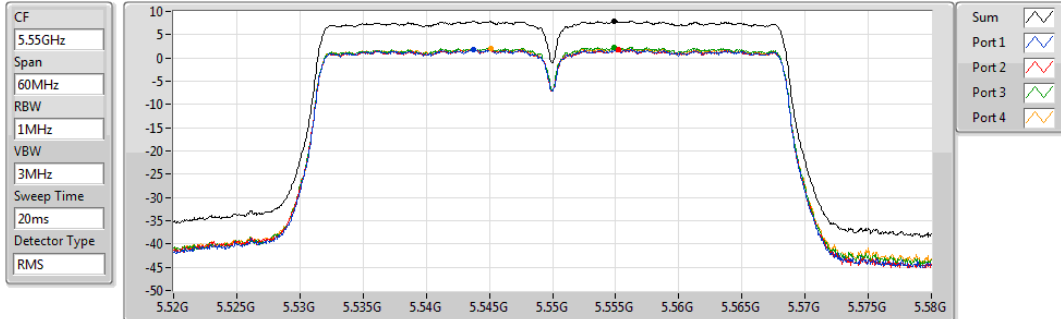
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.90	6.90	0.91	0.84	1.09	0.87

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5550MHz

18/11/2019



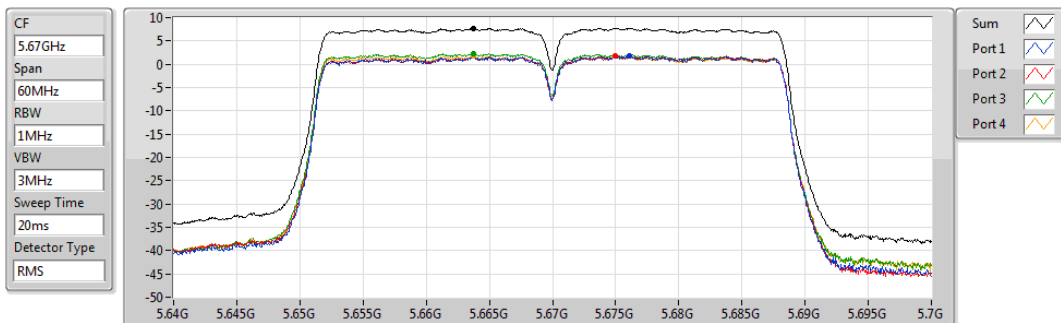
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.93	7.93	1.80	1.72	2.29	2.05

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5670MHz

18/11/2019



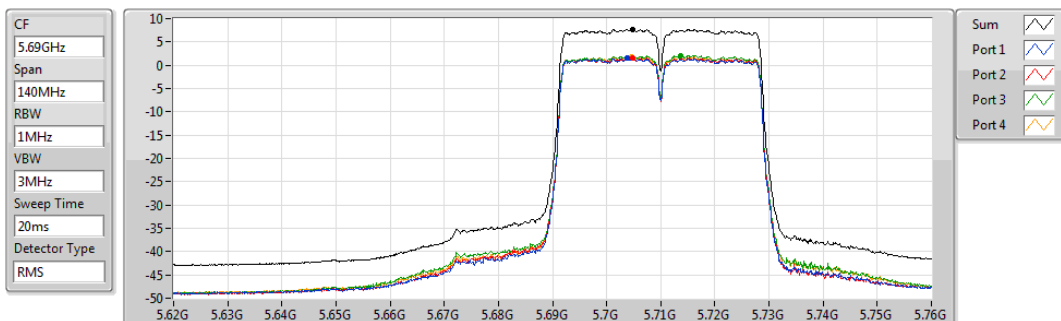
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.72	7.72	1.87	1.76	2.34	1.77

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

18/11/2019



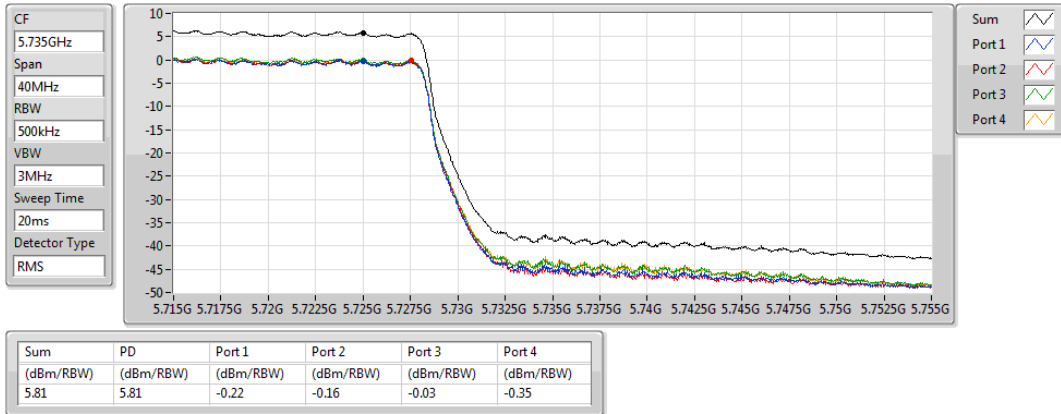
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.67	7.67	1.45	1.55	2.10	1.79

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

18/11/2019

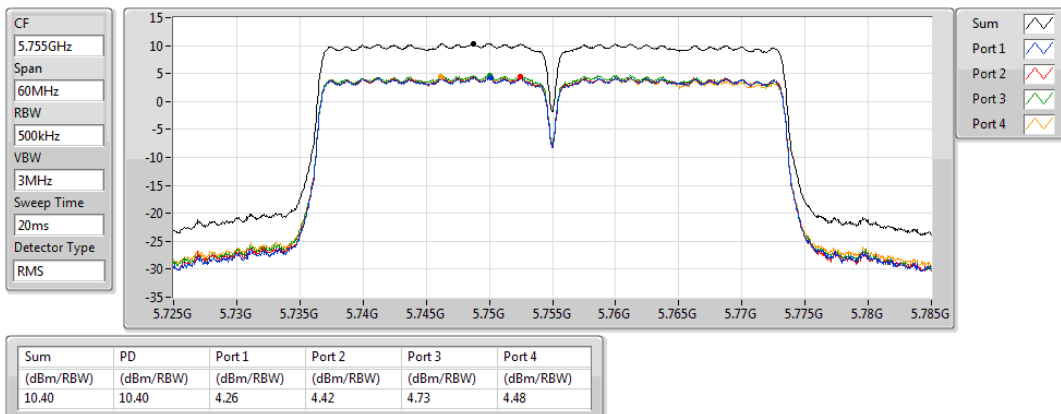


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5755MHz

18/11/2019

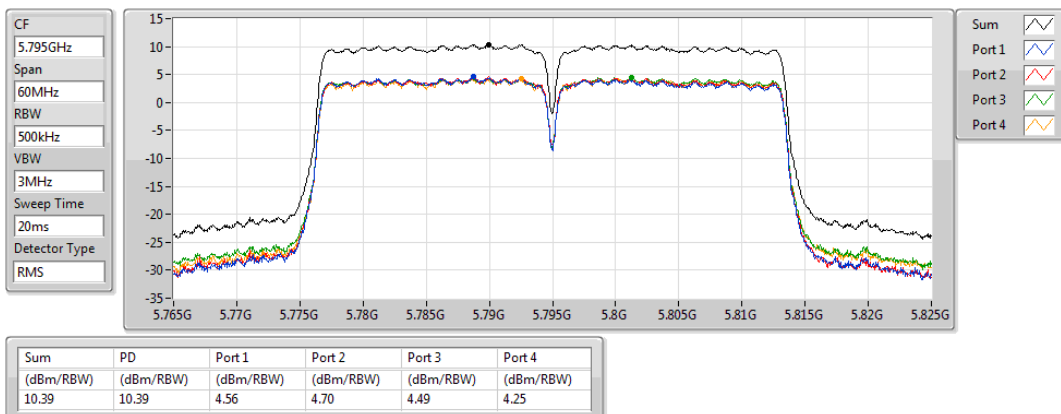


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5795MHz

18/11/2019

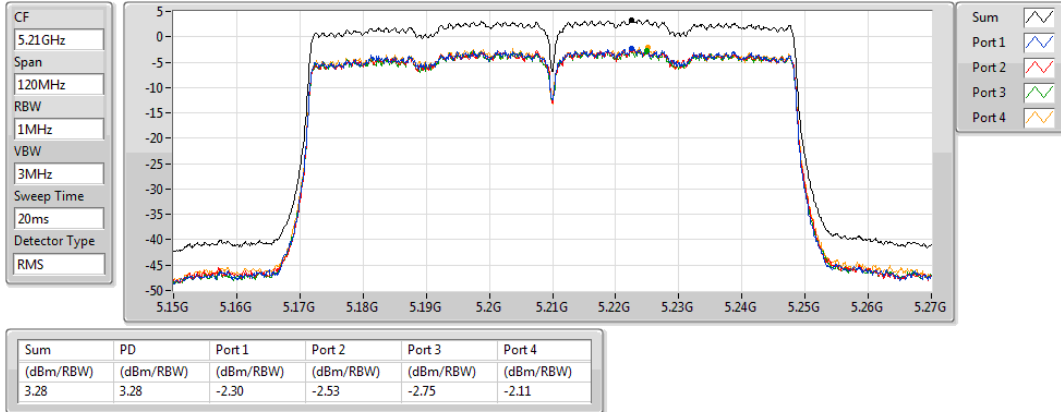


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5210MHz

20/11/2019

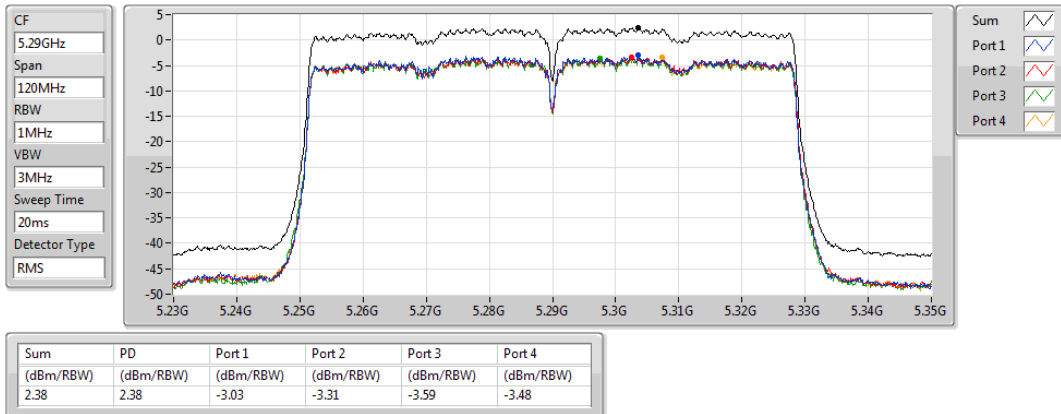


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5290MHz

20/11/2019

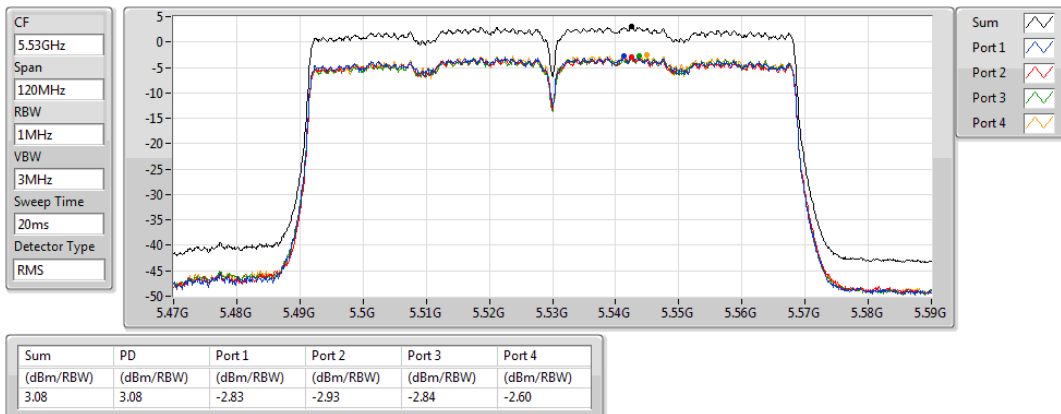


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5530MHz

20/11/2019

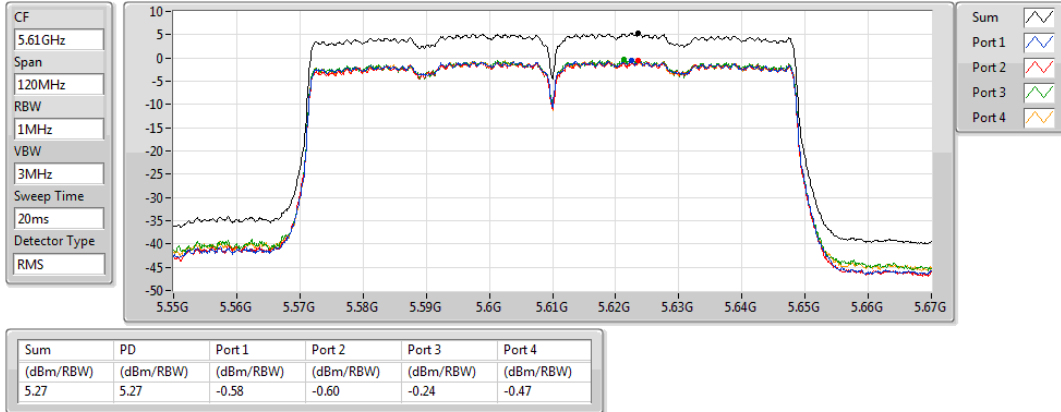


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5610MHz

18/11/2019

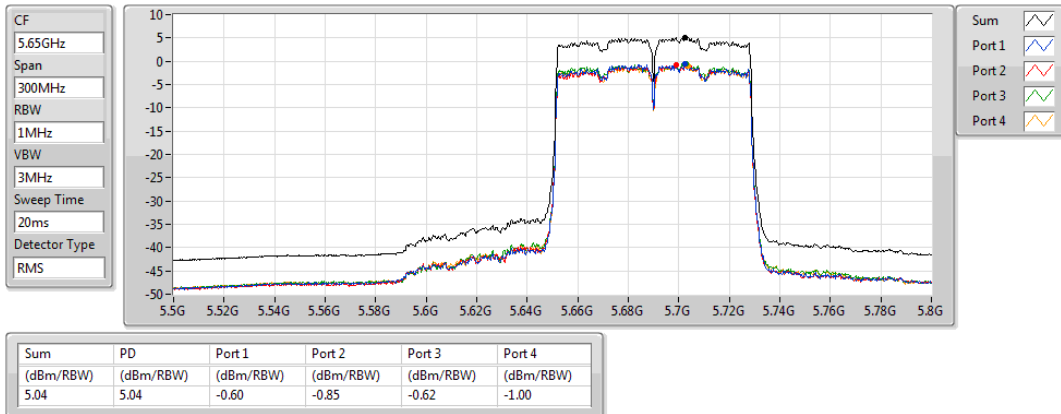


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

18/11/2019

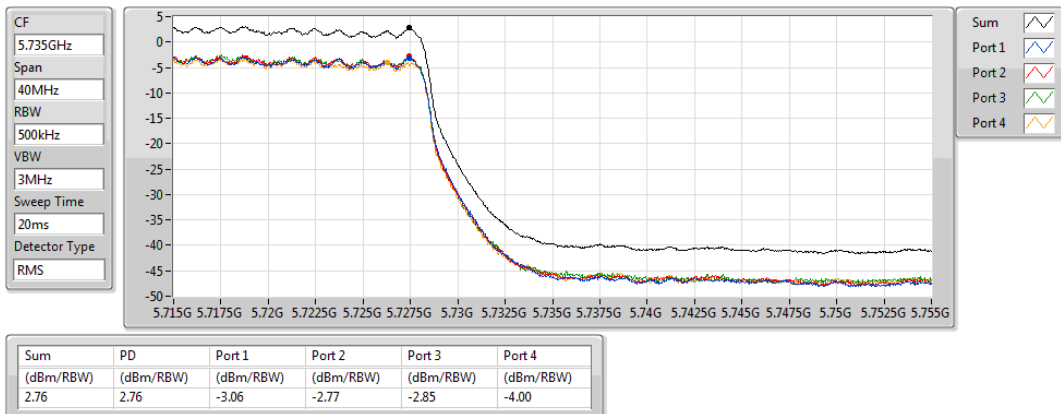


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

18/11/2019

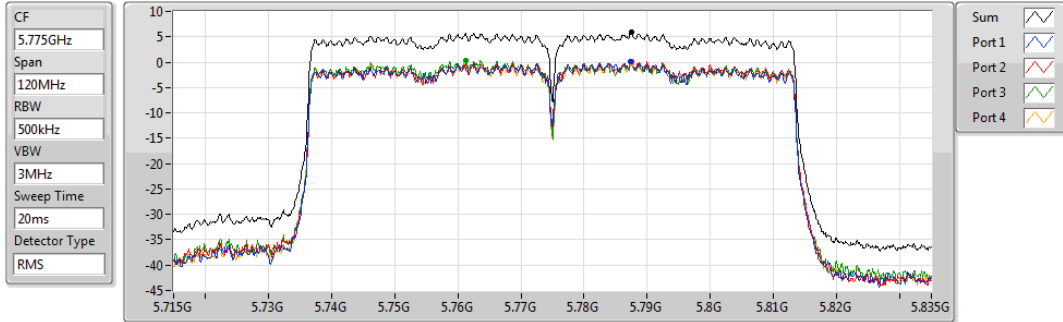


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5775MHz

18/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.87	5.87	0.08	0.11	0.33	-0.40

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	14.65
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	11.94
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	2.54
5.25-5.35GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	8.69
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	5.98
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	1.57
5.47-5.725GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	9.63
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	6.84
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	3.62
5.725-5.85GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	13.48
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	10.85
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	6.34

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.60	7.18	7.27	7.24	7.20	13.06	15.40
5200MHz	Pass	7.60	8.57	8.65	8.19	9.06	14.54	15.40
5240MHz	Pass	7.60	8.79	9.06	8.09	8.83	14.65	15.40
5260MHz	Pass	7.50	3.07	2.85	2.55	2.64	8.69	9.50
5300MHz	Pass	7.50	2.71	2.68	2.46	2.70	8.55	9.50
5320MHz	Pass	7.50	2.76	2.88	2.16	2.59	8.50	9.50
5500MHz	Pass	7.00	3.14	3.18	2.51	3.07	8.89	10.00
5580MHz	Pass	7.00	3.09	2.98	2.53	3.02	8.84	10.00
5700MHz	Pass	7.00	2.90	2.74	2.41	2.65	8.53	10.00
5720MHz Straddle 5.47-5.725GHz	Pass	7.00	3.75	3.90	3.33	3.89	9.63	10.00
5720MHz Straddle 5.725-5.85GHz	Pass	7.10	2.08	2.35	1.75	2.43	8.06	28.90
5745MHz	Pass	7.10	7.74	7.66	7.06	7.88	13.48	28.90
5785MHz	Pass	7.10	7.59	7.11	6.70	7.37	13.11	28.90
5825MHz	Pass	7.10	7.32	7.45	6.81	7.81	13.32	28.90
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.60	0.42	0.03	0.08	0.23	6.05	15.40
5230MHz	Pass	7.60	6.11	6.16	5.51	6.29	11.94	15.40
5270MHz	Pass	7.50	0.42	-0.10	-0.17	0.15	5.98	9.50
5310MHz	Pass	7.50	-0.04	0.05	-0.32	0.21	5.92	9.50
5510MHz	Pass	7.00	0.40	0.56	0.07	0.72	6.30	10.00
5550MHz	Pass	7.00	0.37	0.46	0.03	0.80	6.34	10.00
5670MHz	Pass	7.00	0.37	0.46	-0.16	0.34	6.21	10.00
5710MHz Straddle 5.47-5.725GHz	Pass	7.00	1.12	1.24	0.64	1.11	6.84	10.00
5710MHz Straddle 5.725-5.85GHz	Pass	7.10	-0.81	-0.44	-1.10	-0.41	5.28	28.90
5755MHz	Pass	7.10	5.06	5.12	4.39	5.08	10.85	28.90
5795MHz	Pass	7.10	4.84	4.63	4.10	4.76	10.48	28.90
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.60	-3.19	-3.30	-3.68	-3.00	2.54	15.40
5290MHz	Pass	7.50	-4.11	-4.17	-4.60	-4.20	1.57	9.50
5530MHz	Pass	7.00	-3.94	-3.91	-4.11	-3.61	1.97	10.00
5610MHz	Pass	7.00	-2.36	-2.11	-2.22	-2.02	3.62	10.00
5690MHz Straddle 5.47-5.725GHz	Pass	7.00	-2.16	-2.77	-2.87	-2.37	3.34	10.00
5690MHz Straddle 5.725-5.85GHz	Pass	7.10	-4.95	-4.91	-5.26	-4.36	1.07	28.90
5775MHz	Pass	7.10	0.82	0.60	0.19	0.61	6.34	28.90

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

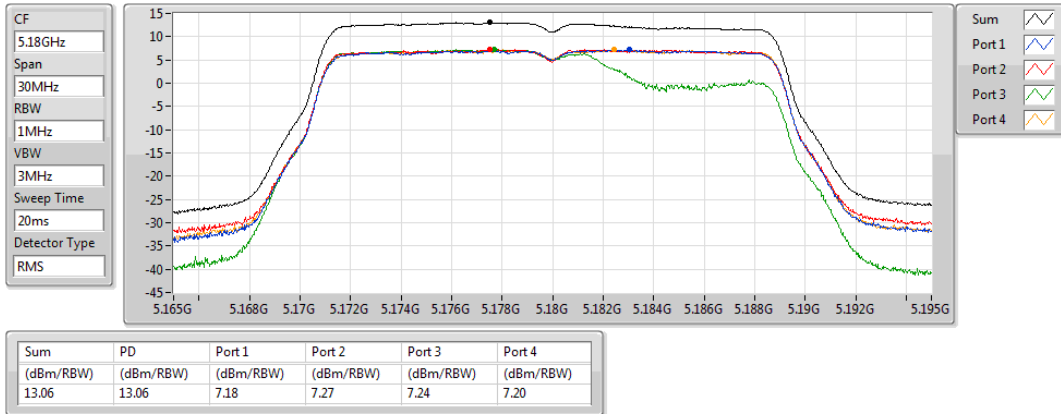
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5180MHz

18/11/2019

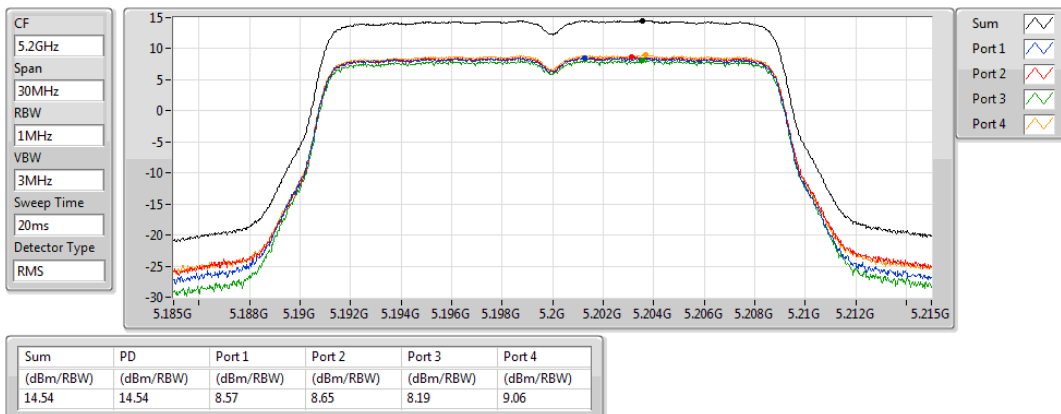


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5200MHz

18/11/2019

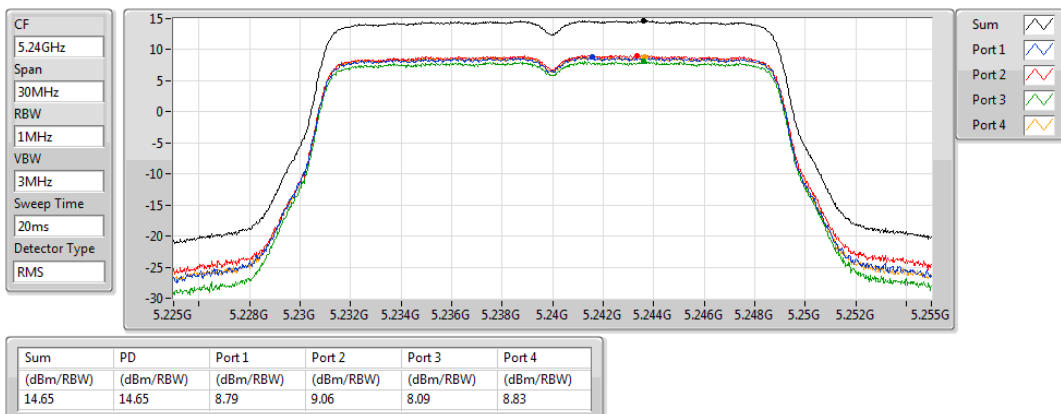


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5240MHz

18/11/2019

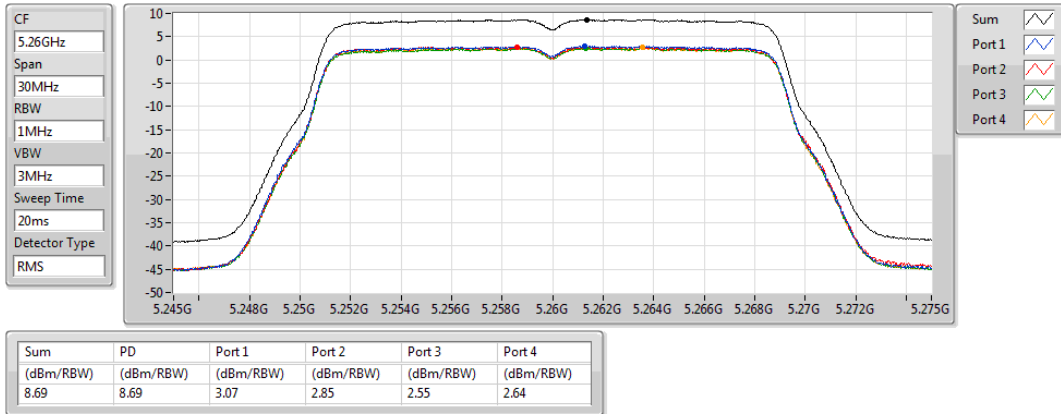


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5260MHz

18/11/2019

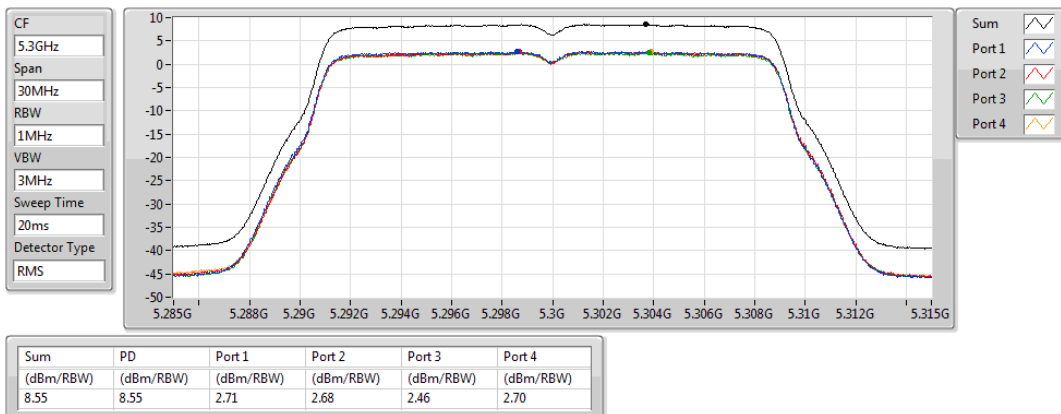


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5300MHz

18/11/2019

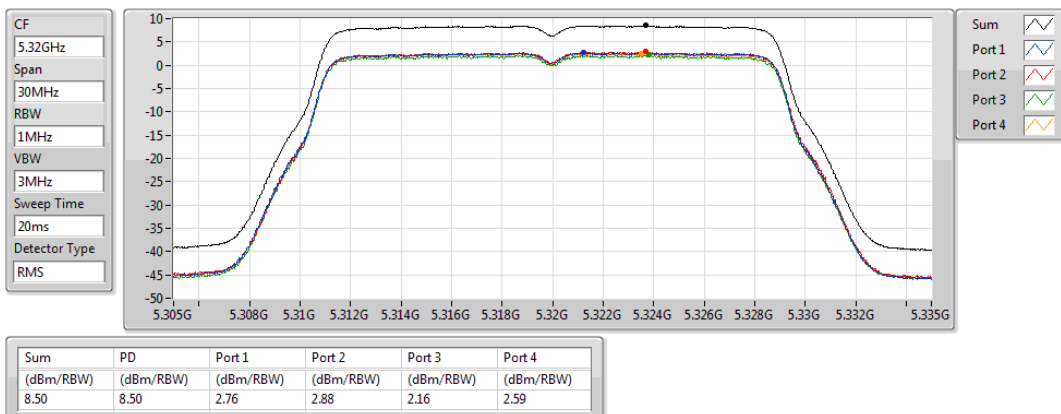


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5320MHz

18/11/2019

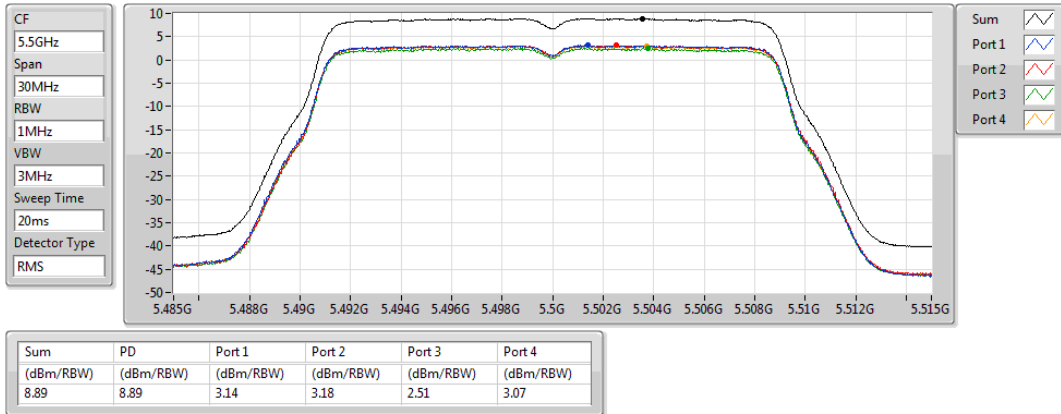


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5500MHz

18/11/2019

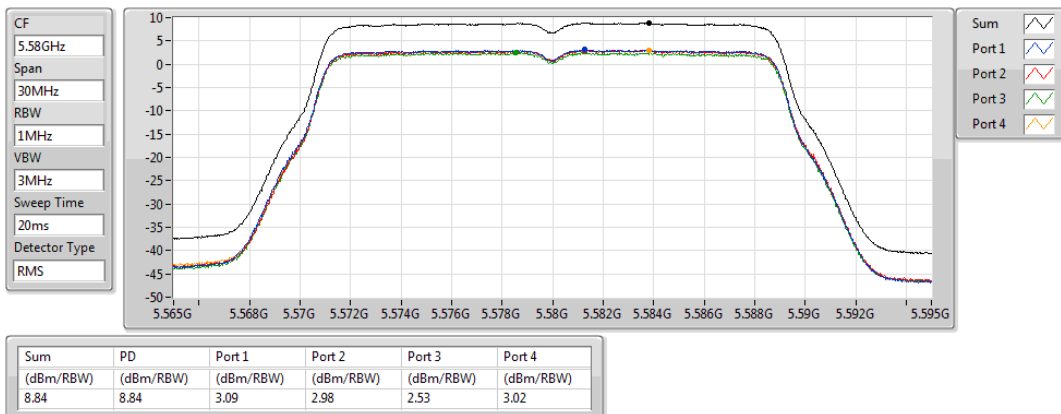


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5580MHz

18/11/2019

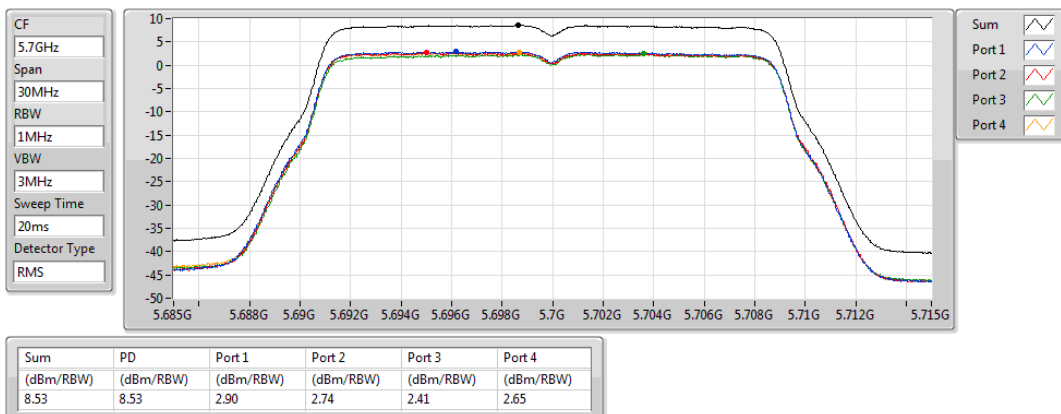


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5700MHz

18/11/2019

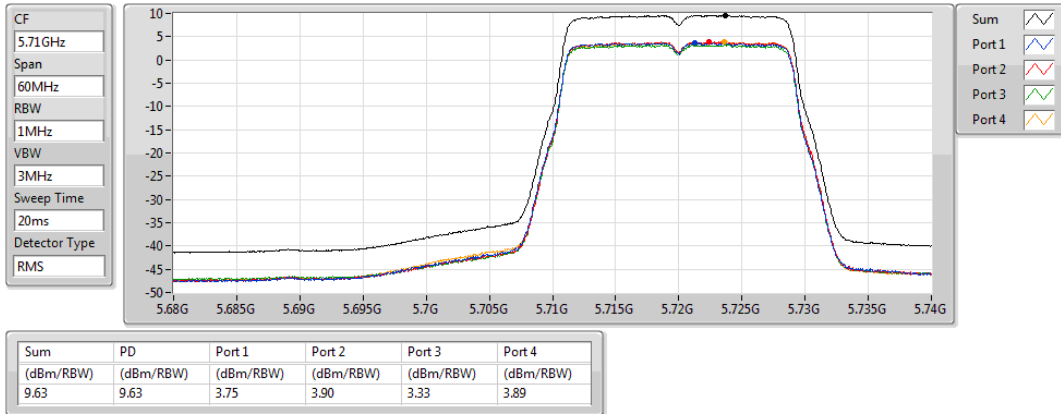


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz

PSD

18/11/2019

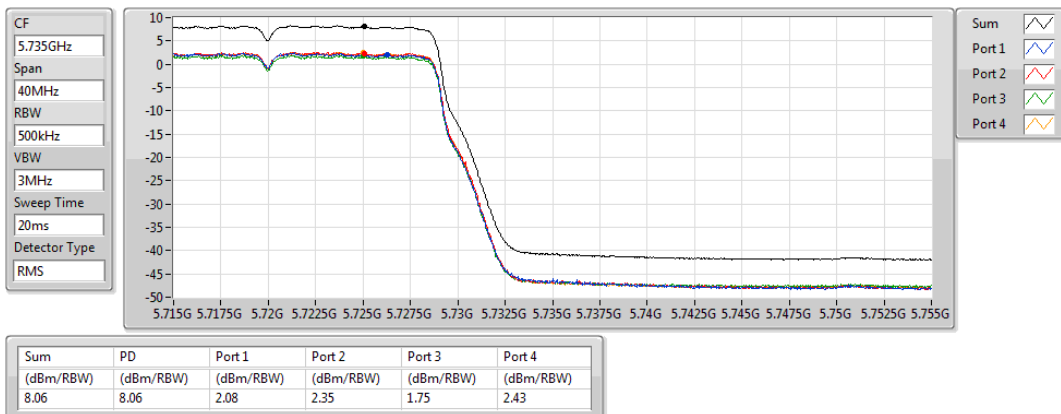


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

18/11/2019

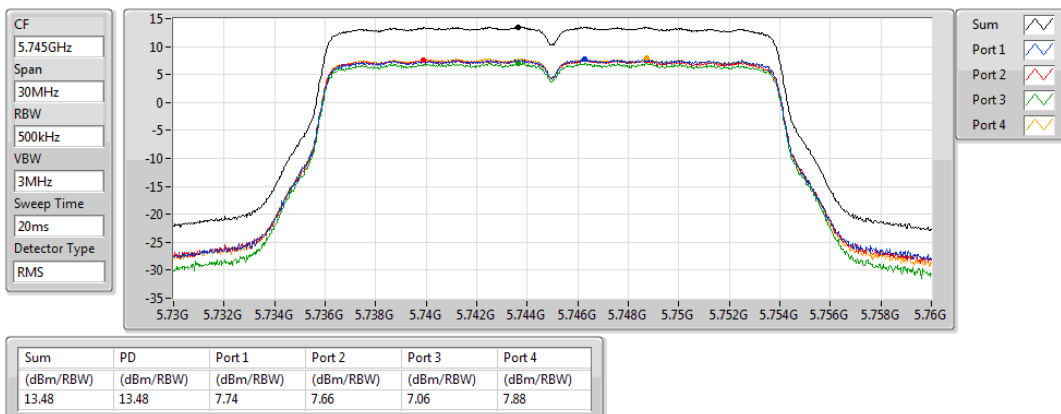


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5745MHz

PSD

18/11/2019

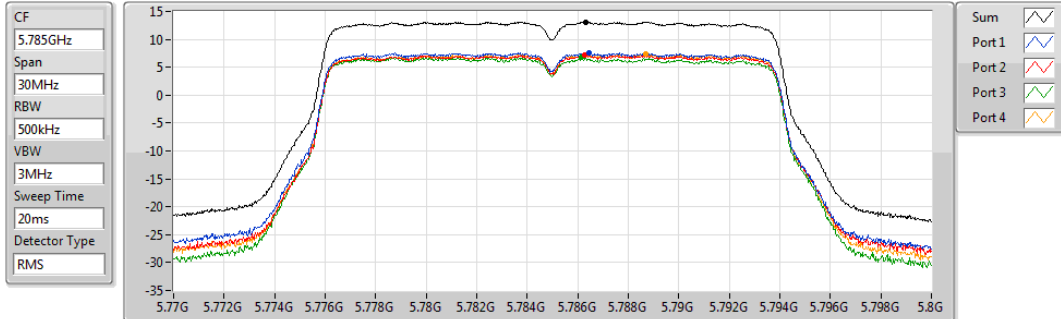


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5785MHz

18/11/2019



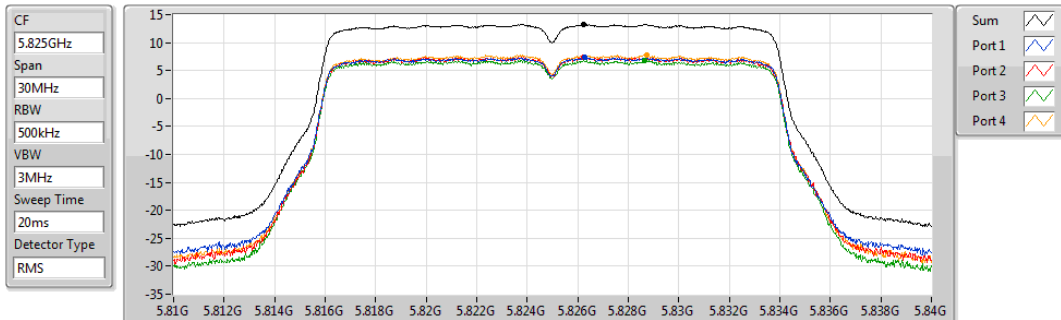
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.11	13.11	7.59	7.11	6.70	7.37

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5825MHz

18/11/2019



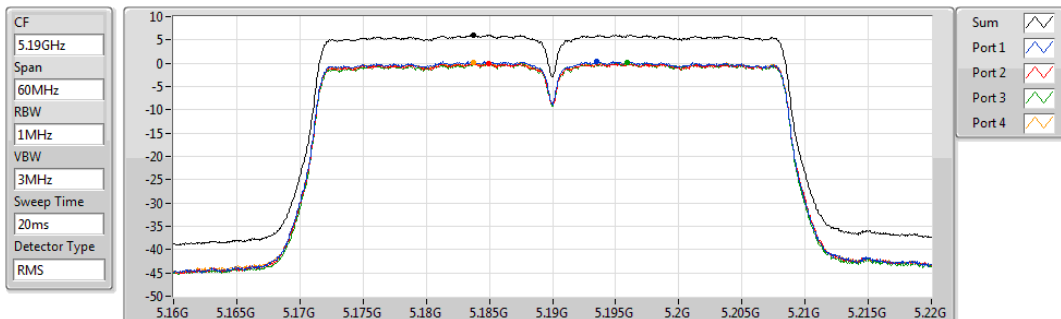
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.32	13.32	7.32	7.45	6.81	7.81

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5190MHz

18/11/2019



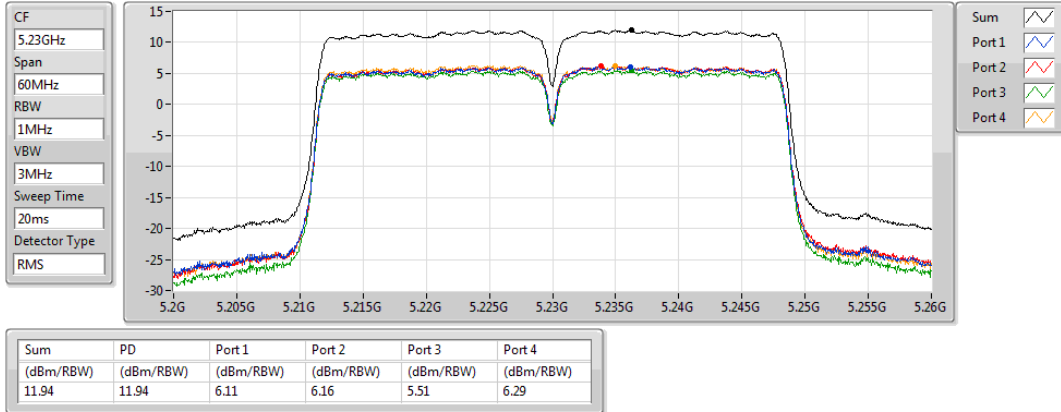
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.05	6.05	0.42	0.03	0.08	0.23

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5230MHz

18/11/2019

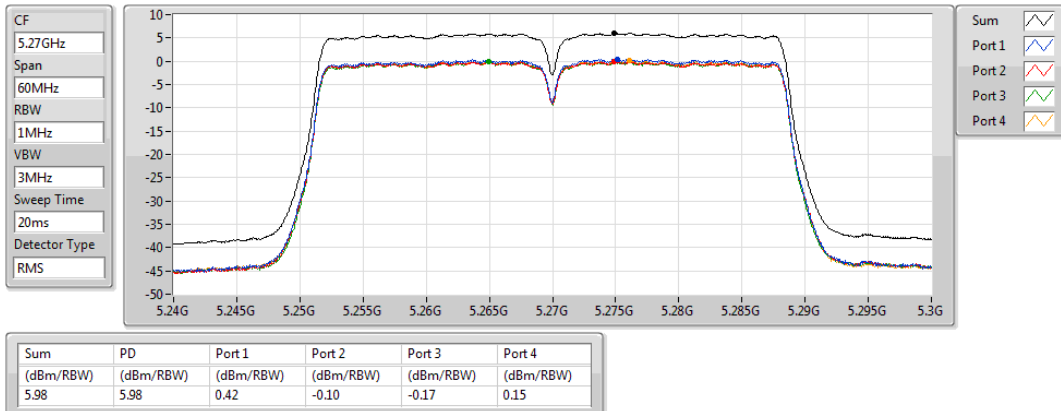


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5270MHz

18/11/2019

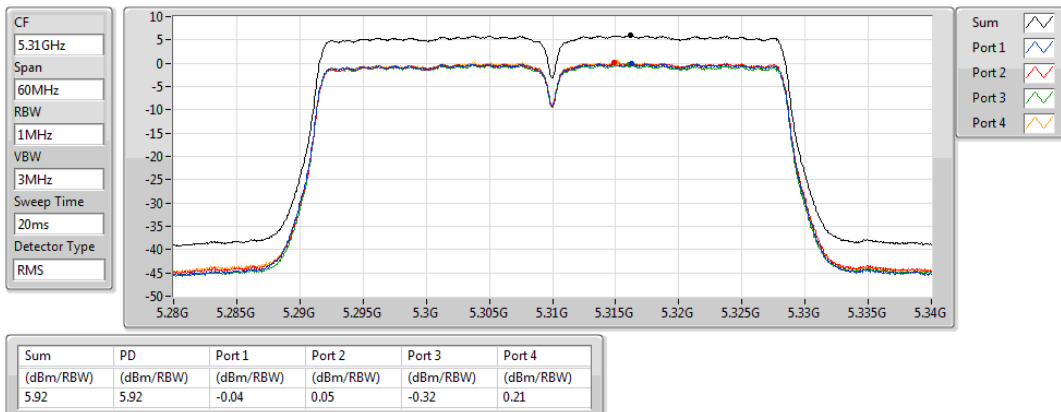


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5310MHz

18/11/2019

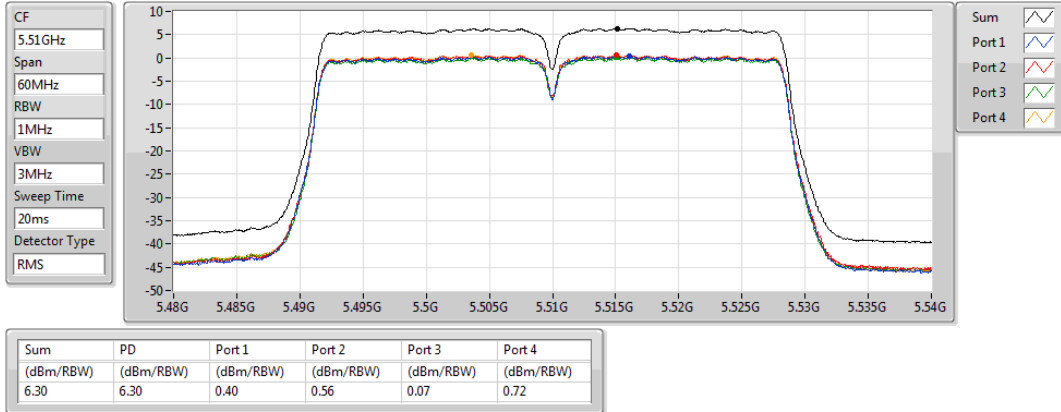


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5510MHz

18/11/2019

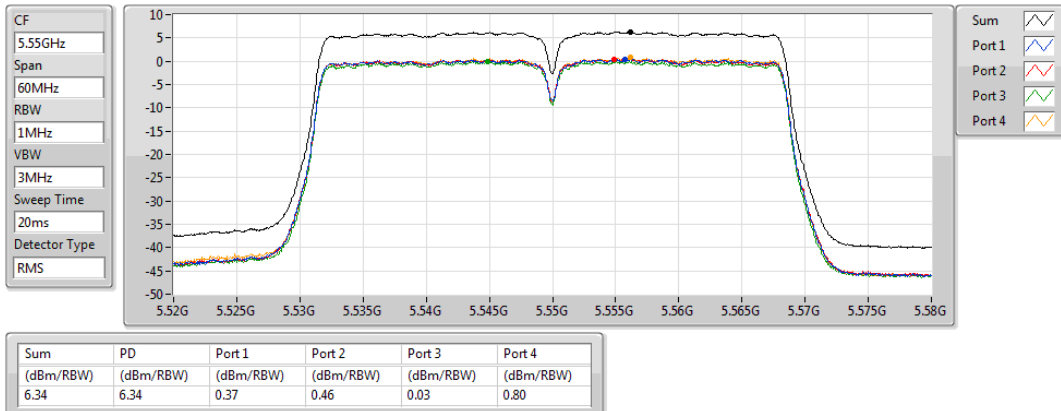


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5550MHz

18/11/2019

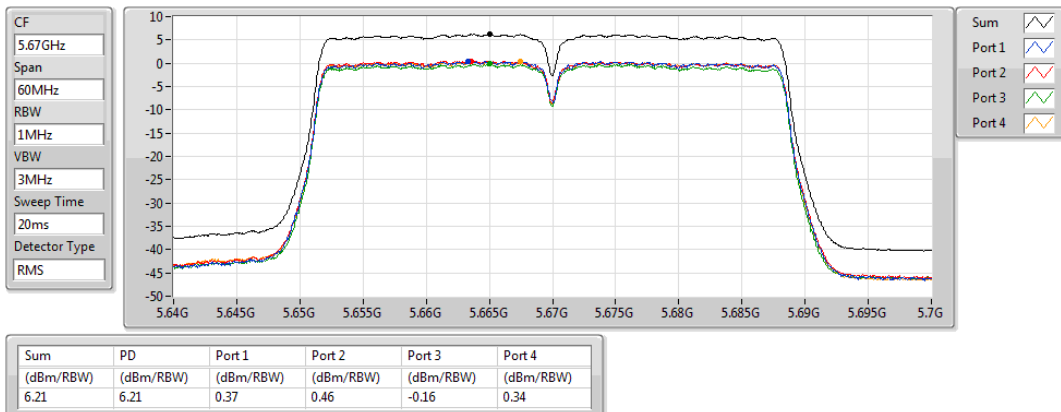


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5670MHz

18/11/2019

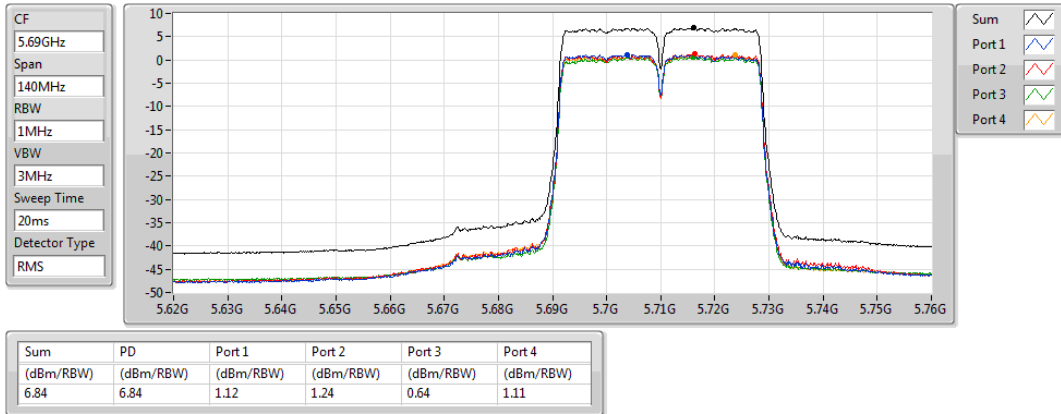


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

18/11/2019

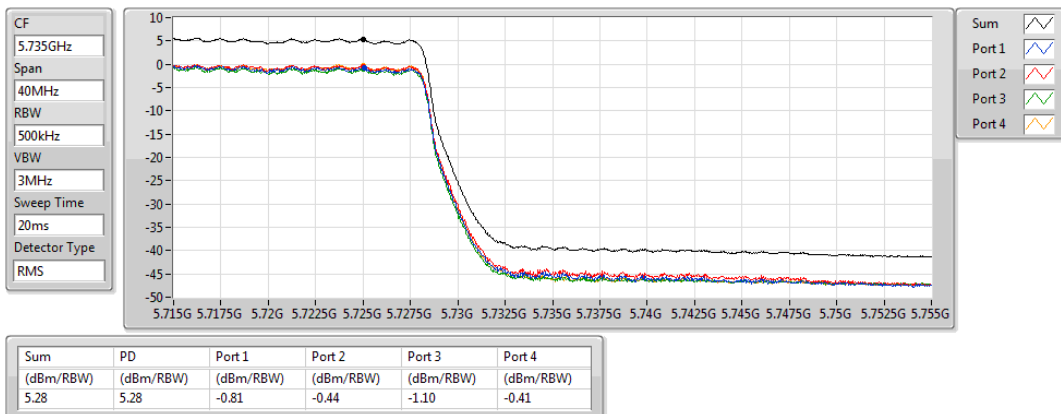


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

18/11/2019

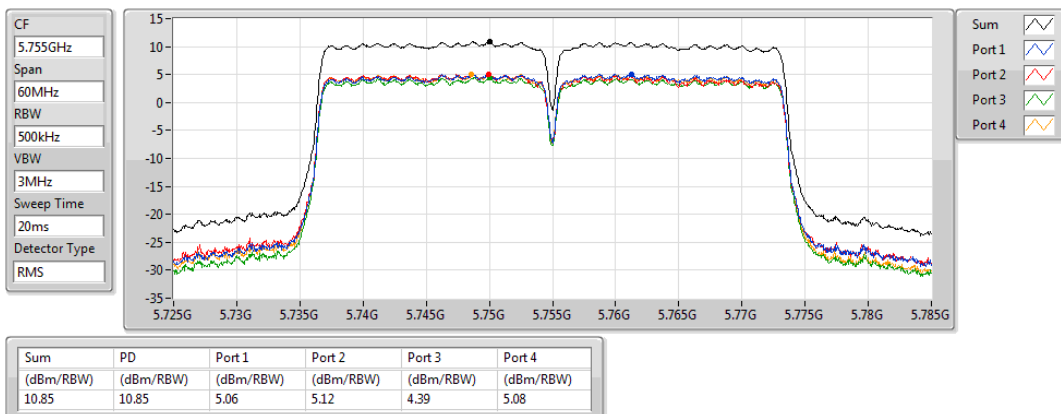


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5755MHz

18/11/2019

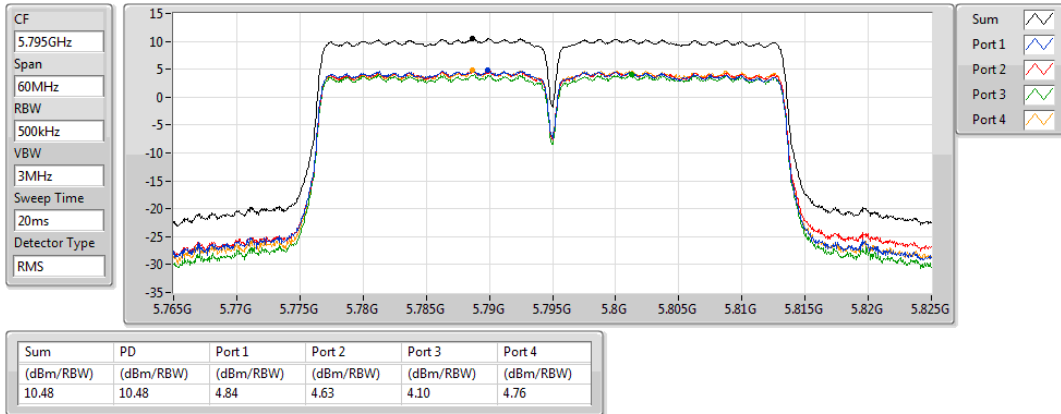


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5795MHz

18/11/2019

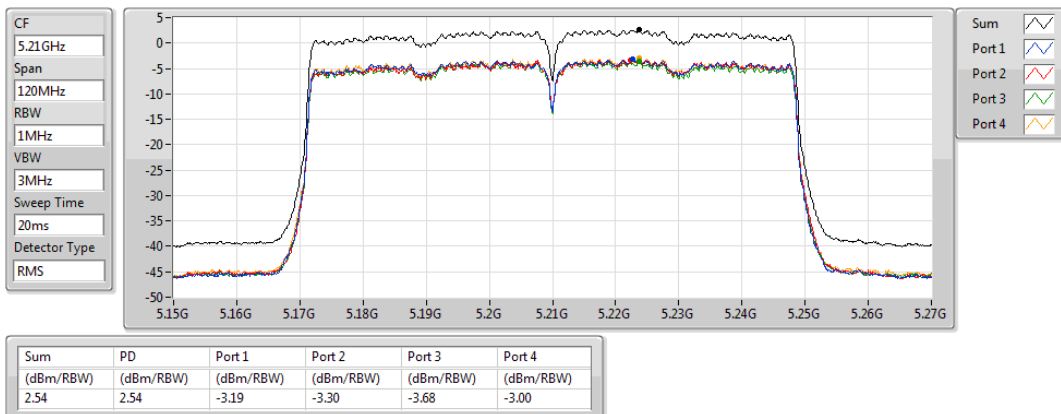


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5210MHz

18/11/2019

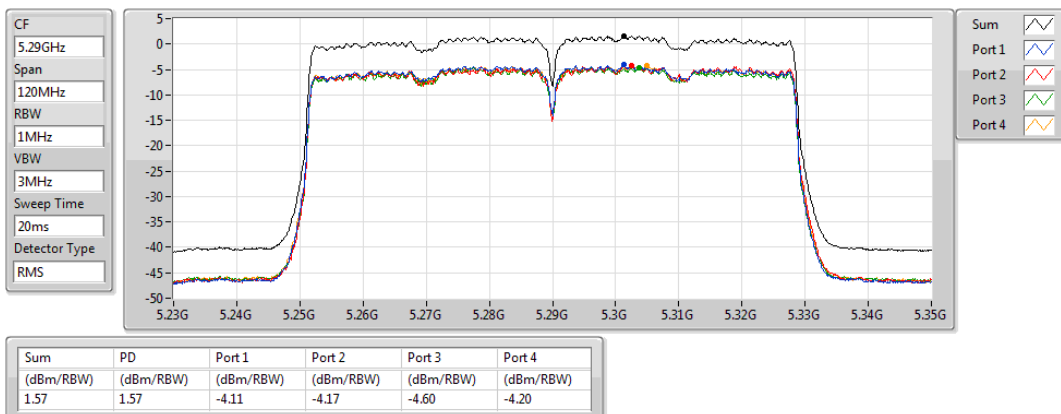


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz

18/11/2019

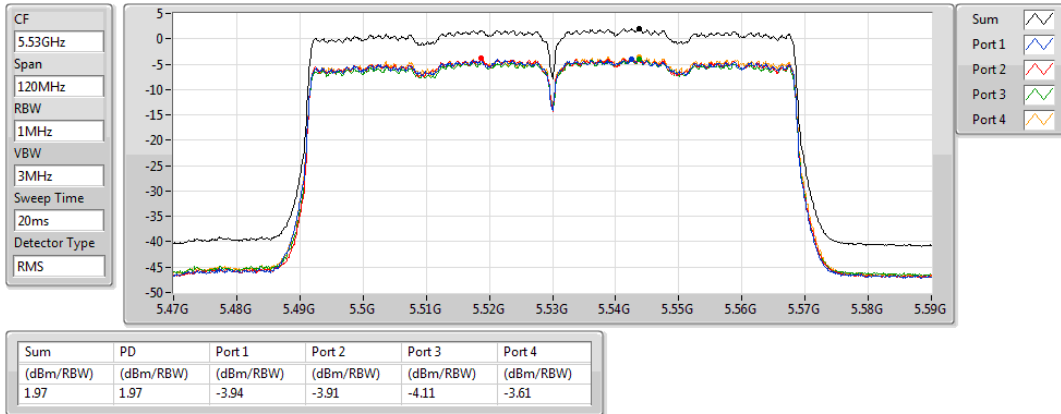


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5530MHz

18/11/2019

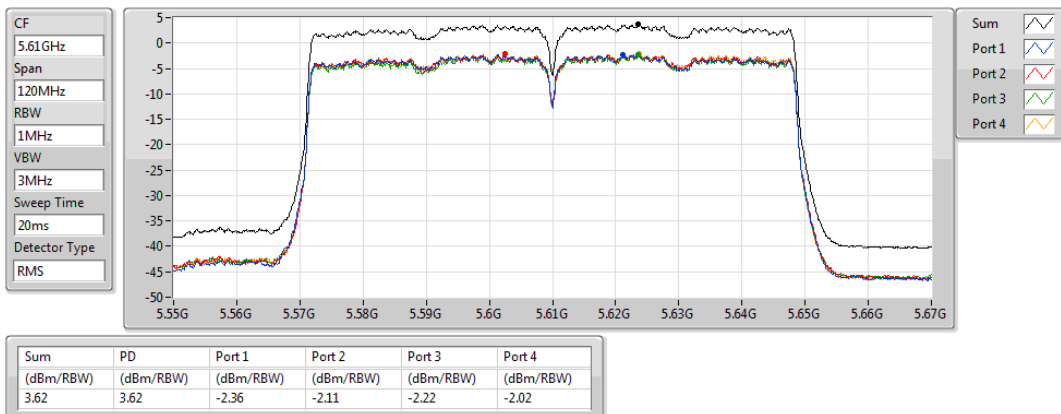


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5610MHz

18/11/2019

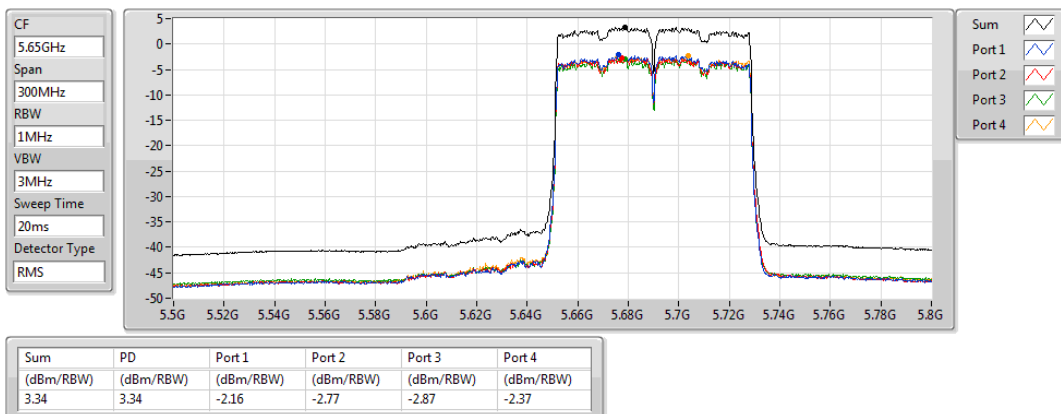


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

18/11/2019

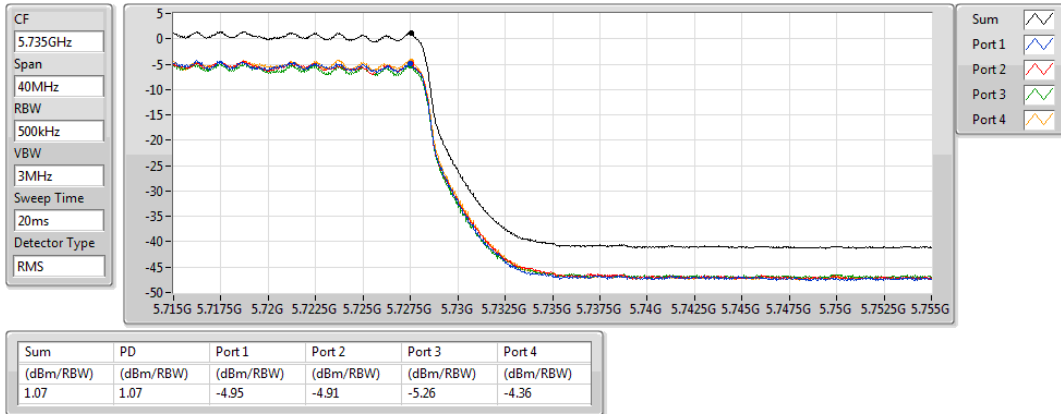


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

18/11/2019

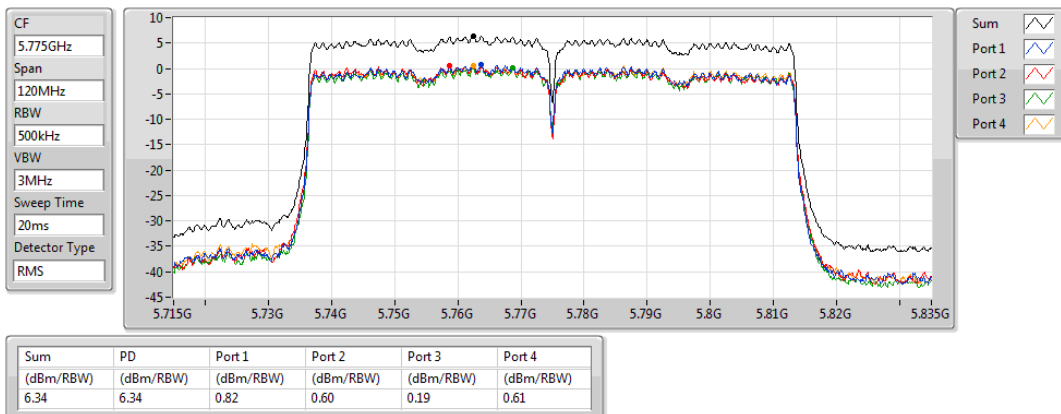


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5775MHz

18/11/2019





**For Client Mode Band 1:
For non-beamforming mode:
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	9.28
802.11ac VHT20_Nss1,(MCS0)_4TX	9.35
802.11ac VHT40_Nss1,(MCS0)_4TX	8.05
802.11ac VHT80_Nss1,(MCS0)_4TX	2.21

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.60	3.20	3.33	3.32	3.36	9.23	9.40
5200MHz	Pass	7.60	3.05	2.87	3.39	3.23	9.07	9.40
5240MHz	Pass	7.60	2.94	3.40	3.43	3.42	9.28	9.40
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.60	3.06	2.96	3.13	3.02	8.96	9.40
5200MHz	Pass	7.60	3.13	3.26	3.76	3.57	9.35	9.40
5240MHz	Pass	7.60	2.75	3.28	3.17	3.32	9.05	9.40
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.60	0.80	0.61	0.77	0.50	6.58	9.40
5230MHz	Pass	7.60	1.75	2.15	2.13	2.28	8.05	9.40
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.60	-3.85	-3.49	-3.63	-3.77	2.21	9.40

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

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

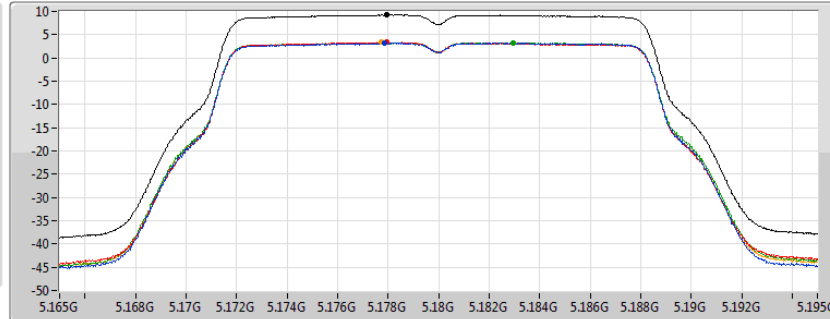
802.11a_Nss1,(6Mbps)_4TX

PSD

5180MHz

18/11/2019

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



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.23	9.23	3.20	3.33	3.32	3.36

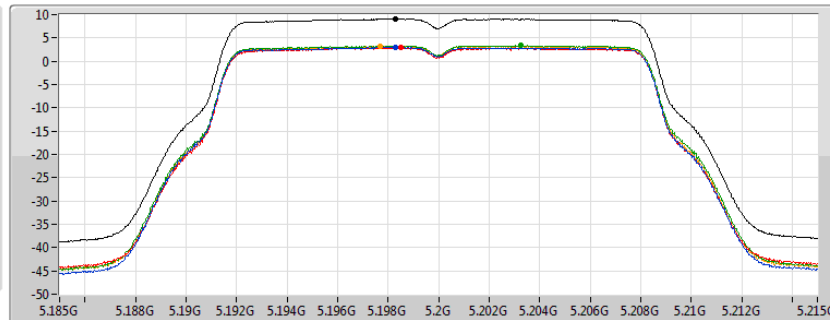
802.11a_Nss1,(6Mbps)_4TX

PSD

5200MHz

18/11/2019

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



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.07	9.07	3.05	2.87	3.39	3.23

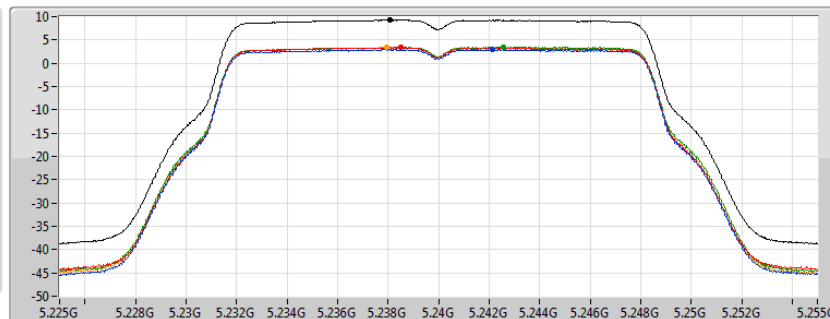
802.11a_Nss1,(6Mbps)_4TX

PSD

5240MHz

18/11/2019

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



Sum
Port 1
Port 2
Port 3
Port 4

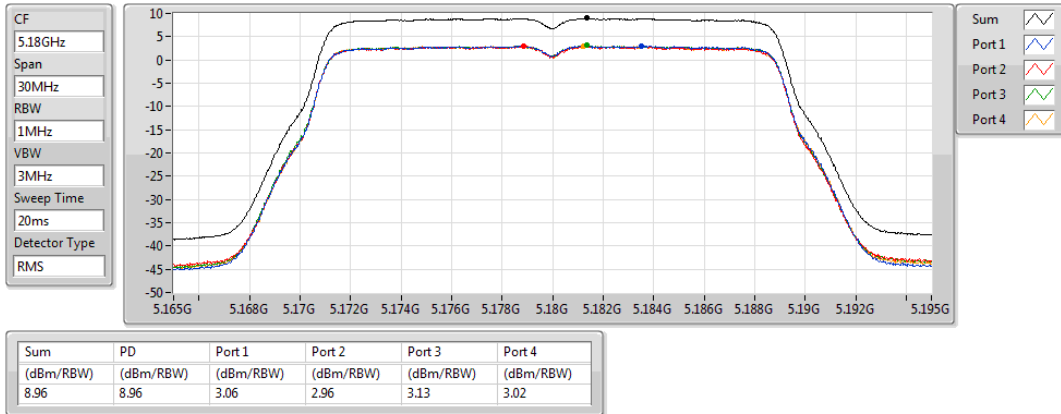
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.28	9.28	2.94	3.40	3.43	3.42

802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5180MHz

18/11/2019

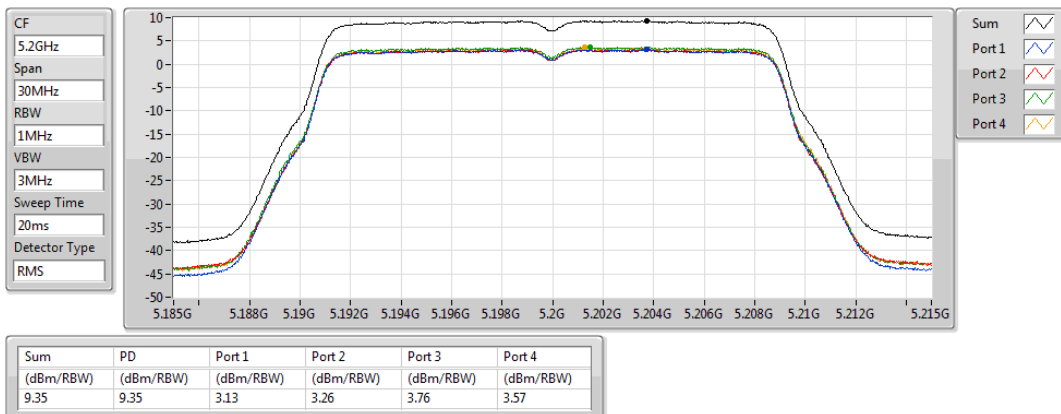


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5200MHz

18/11/2019

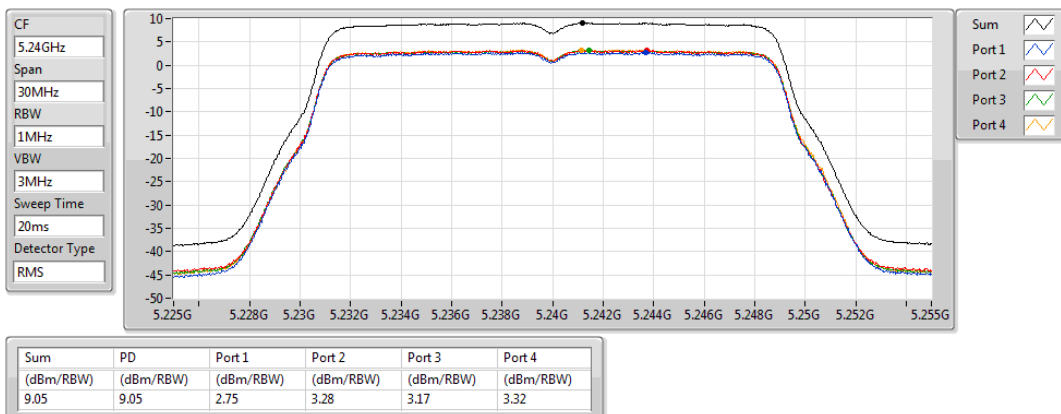


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5240MHz

19/11/2019

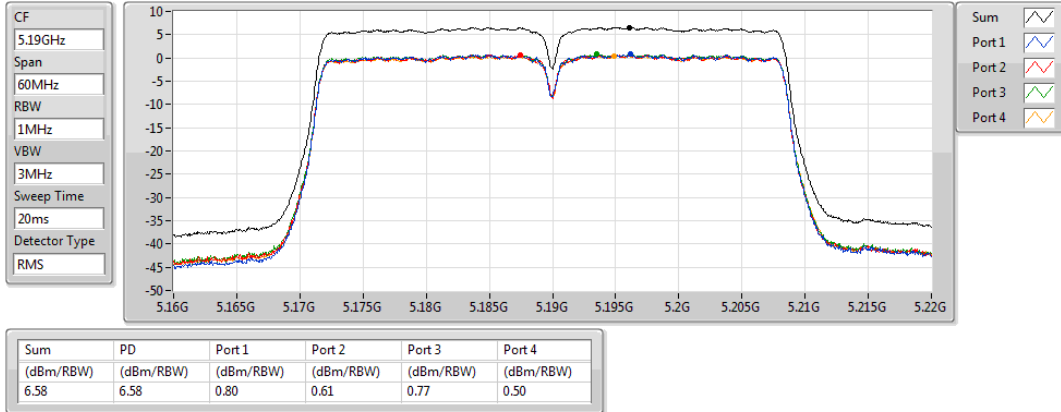


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5190MHz

18/11/2019

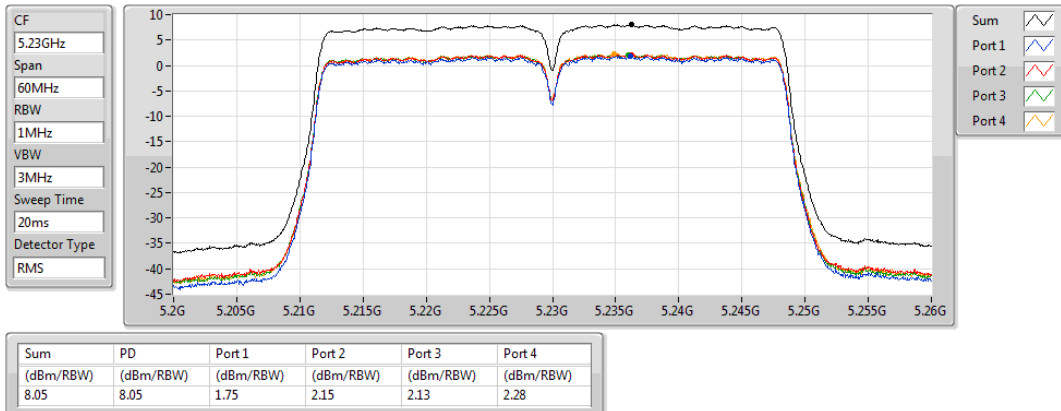


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5230MHz

19/11/2019

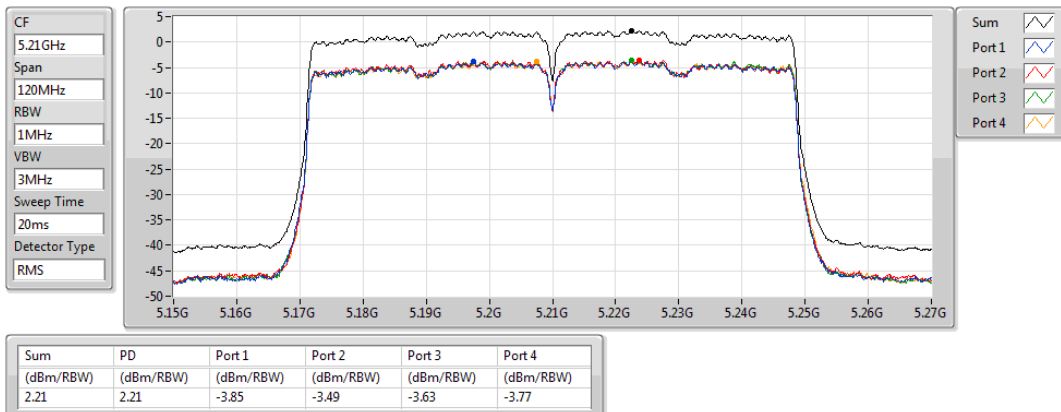


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5210MHz

18/11/2019





For beamforming mode:

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	8.95	16.55
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	6.05	13.65
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	2.54	10.14

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	7.60	3.28	3.04	2.75	2.95	8.95	9.40	16.55	Inf
5200MHz	Pass	7.60	2.84	2.75	2.46	2.92	8.66	9.40	16.26	Inf
5240MHz	Pass	7.60	2.96	3.13	2.33	2.72	8.70	9.40	16.30	Inf
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	7.60	0.42	0.03	0.08	0.23	6.05	9.40	13.65	Inf
5230MHz	Pass	7.60	0.25	0.33	-0.43	0.35	6.01	9.40	13.61	Inf
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	7.60	-3.19	-3.30	-3.68	-3.00	2.54	9.40	10.14	Inf

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

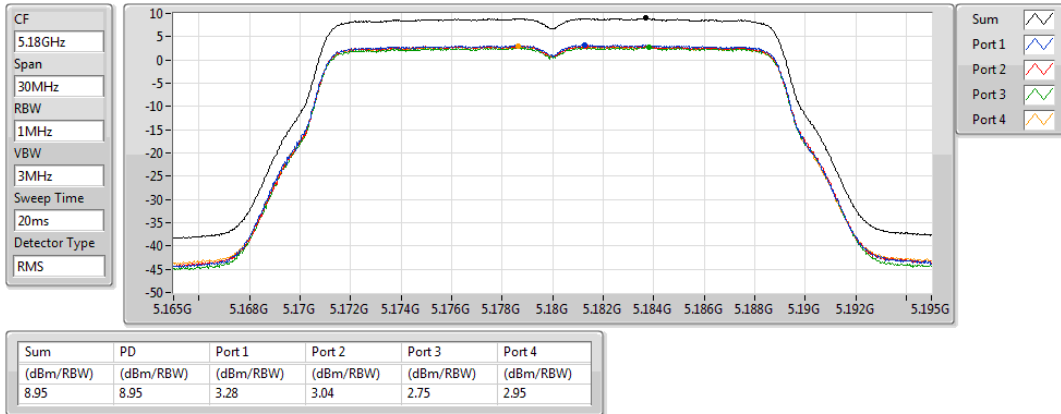
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5180MHz

18/11/2019

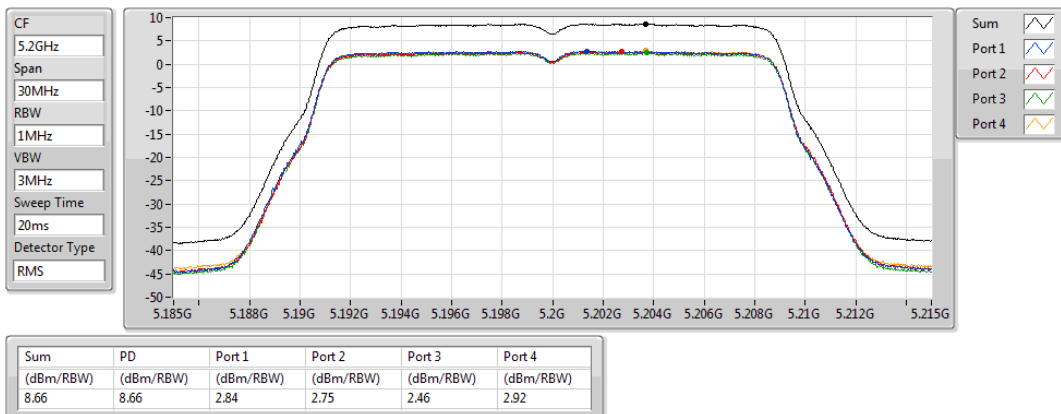


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5200MHz

18/11/2019

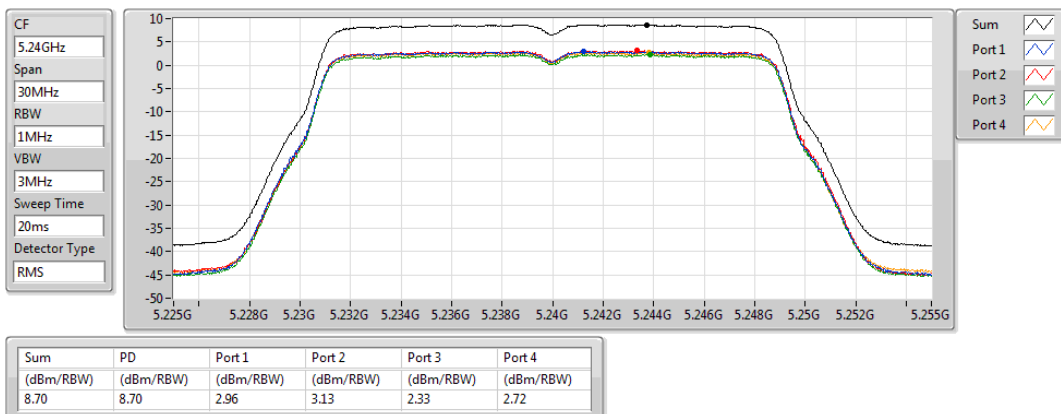


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5240MHz

18/11/2019

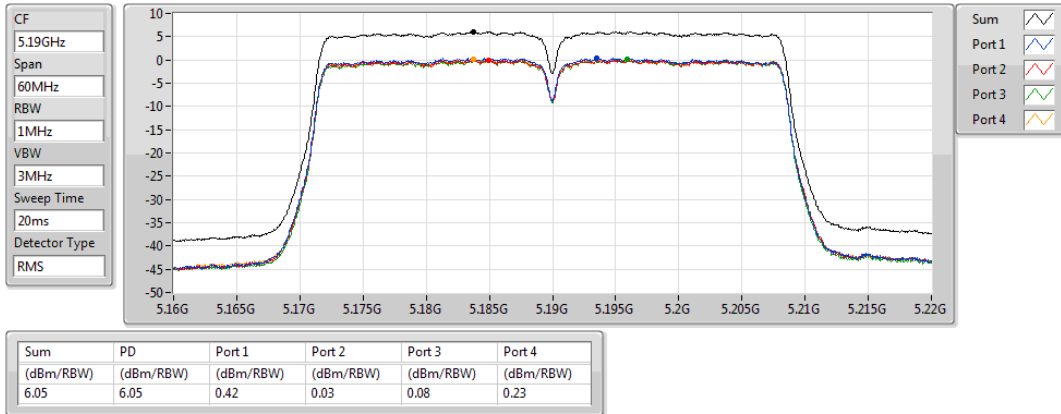


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5190MHz

18/11/2019

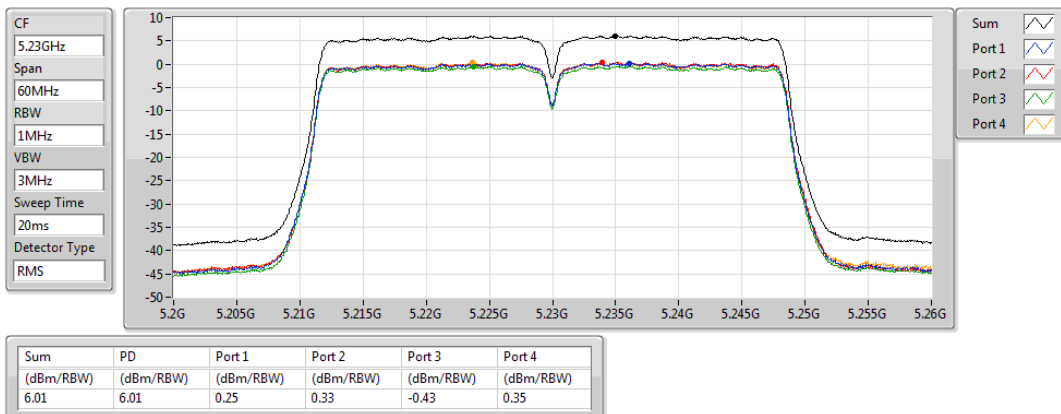


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5230MHz

18/11/2019

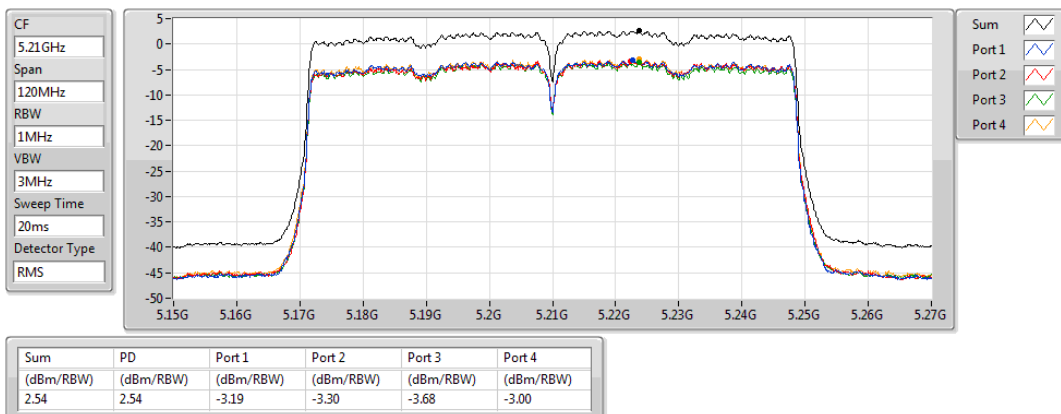


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5210MHz

18/11/2019



For Master Mode Band 1~4 and Client Mode Band 2~4:

For non-beamforming mode:

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	15.35
802.11ac VHT20_Nss1,(MCS0)_4TX	15.17
802.11ac VHT40_Nss1,(MCS0)_4TX	11.4
802.11ac VHT80_Nss1,(MCS0)_4TX	5
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	9.37
802.11ac VHT20_Nss1,(MCS0)_4TX	9.34
802.11ac VHT40_Nss1,(MCS0)_4TX	7.91
802.11ac VHT80_Nss1,(MCS0)_4TX	5.18
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	9.83
802.11ac VHT20_Nss1,(MCS0)_4TX	9.66
802.11ac VHT40_Nss1,(MCS0)_4TX	8.10
802.11ac VHT80_Nss1,(MCS0)_4TX	5.42
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	13.48
802.11ac VHT20_Nss1,(MCS0)_4TX	13.36
802.11ac VHT40_Nss1,(MCS0)_4TX	10.94
802.11ac VHT80_Nss1,(MCS0)_4TX	6.4

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.60	5.82	5.76	5.97	6.03	11.85	15.40
5200MHz	Pass	7.60	9.2	9.39	9.14	9.29	15.14	15.40
5240MHz	Pass	7.60	9.5	9.55	9.26	9.31	15.35	15.40
5260MHz	Pass	7.50	3.58	3.37	3.51	3.27	9.37	9.50
5300MHz	Pass	7.50	2.95	3.01	3.09	3.26	9.01	9.50
5320MHz	Pass	7.50	3.04	2.91	3.17	3.46	9.05	9.50
5500MHz	Pass	7.00	3.46	3.69	3.86	3.99	9.67	10.00
5580MHz	Pass	7.00	3.42	3.93	3.79	3.85	9.65	10.00
5700MHz	Pass	7.00	3.33	3.75	4.10	4.34	9.83	10.00
5720MHz Straddle 5.47-5.725GHz	Pass	7.00	3.23	3.39	4.09	4.23	9.70	10.00
5720MHz Straddle 5.725-5.85GHz	Pass	7.10	2.17	2.09	3.20	2.31	8.46	28.90
5745MHz	Pass	7.10	7.12	7.17	7.61	7.77	13.32	28.90
5785MHz	Pass	7.10	7.57	7.49	7.58	7.74	13.48	28.90
5825MHz	Pass	7.10	7.08	7.11	7.66	7.67	13.27	28.90
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.60	6.2	6.34	6.31	6.44	12.20	15.40
5200MHz	Pass	7.60	9.27	9.31	9.13	9.26	15.09	15.40
5240MHz	Pass	7.60	9.38	9.36	9.36	9.13	15.17	15.40
5260MHz	Pass	7.50	3.58	3.09	3.33	3.06	9.17	9.50
5300MHz	Pass	7.50	3.43	3.37	3.41	3.48	9.29	9.50
5320MHz	Pass	7.50	3.27	3.45	3.55	3.60	9.34	9.50
5500MHz	Pass	7.00	3.55	3.68	3.74	3.72	9.60	10.00
5580MHz	Pass	7.00	3.45	3.81	3.56	3.65	9.53	10.00
5700MHz	Pass	7.00	3.23	3.75	4.09	3.97	9.66	10.00
5720MHz Straddle 5.47-5.725GHz	Pass	7.00	3.19	3.29	4.03	4.11	9.55	10.00
5720MHz Straddle 5.725-5.85GHz	Pass	7.10	1.90	1.95	2.36	2.30	8.06	28.90
5745MHz	Pass	7.10	7.01	7.2	7.71	7.75	13.22	28.90
5785MHz	Pass	7.10	7.36	7.46	7.39	7.93	13.36	28.90
5825MHz	Pass	7.10	6.96	7.18	7.6	7.78	13.21	28.90
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.60	1.21	1.33	1.33	1.44	7.22	15.40
5230MHz	Pass	7.60	5.15	5.22	5.65	6.03	11.40	15.40
5270MHz	Pass	7.50	2.04	2.00	1.86	2.13	7.91	9.50
5310MHz	Pass	7.50	1.47	1.48	1.77	1.71	7.43	9.50
5510MHz	Pass	7.00	0.60	0.63	0.79	0.77	6.61	10.00
5550MHz	Pass	7.00	2.31	1.97	2.17	2.01	7.98	10.00
5670MHz	Pass	7.00	1.75	2.00	1.88	2.19	7.79	10.00
5710MHz Straddle 5.47-5.725GHz	Pass	7.00	1.86	2.11	2.32	2.54	8.10	10.00
5710MHz Straddle 5.725-5.85GHz	Pass	7.10	0.43	0.84	0.81	0.89	6.67	28.90
5755MHz	Pass	7.10	4.9	4.91	4.74	5.15	10.82	28.90
5795MHz	Pass	7.10	4.88	4.89	4.92	5.6	10.94	28.90
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.60	-1.08	-0.8	-0.62	-0.75	5.00	15.40

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5290MHz	Pass	7.50	-0.61	-0.62	-0.76	-0.53	5.18	9.50
5530MHz	Pass	7.00	-1.23	-1.40	-1.36	-0.88	4.68	10.00
5610MHz	Pass	7.00	-0.79	-0.60	0.08	-0.17	5.42	10.00
5690MHz Straddle 5.47-5.725GHz	Pass	7.00	-0.86	-0.74	-0.48	-0.13	5.28	10.00
5690MHz Straddle 5.725-5.85GHz	Pass	7.10	-2.40	-2.09	-2.07	-2.00	3.69	28.90
5775MHz	Pass	7.10	0.66	0.26	0.59	0.7	6.40	28.90

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

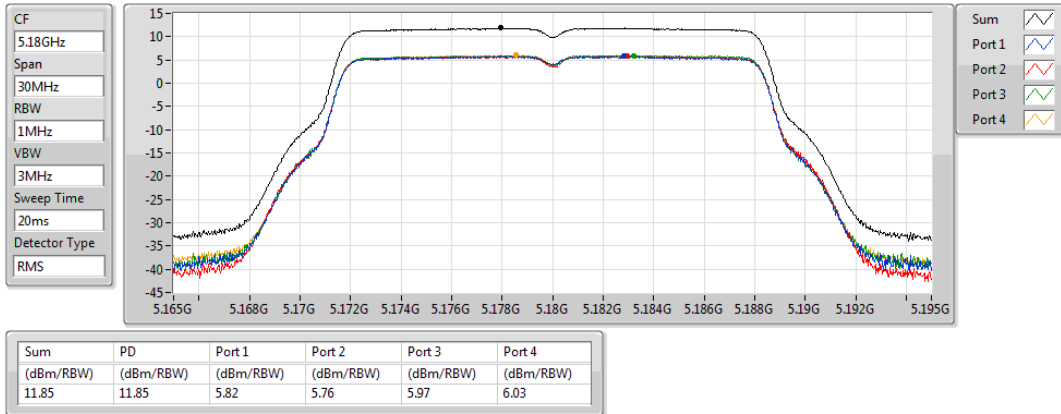
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5180MHz

16/11/2019

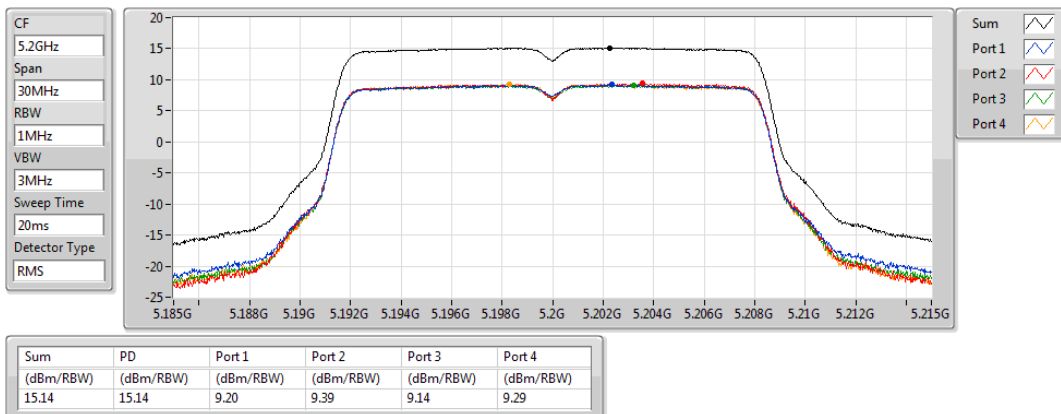


802.11a_Nss1,(6Mbps)_4TX

PSD

5200MHz

16/11/2019

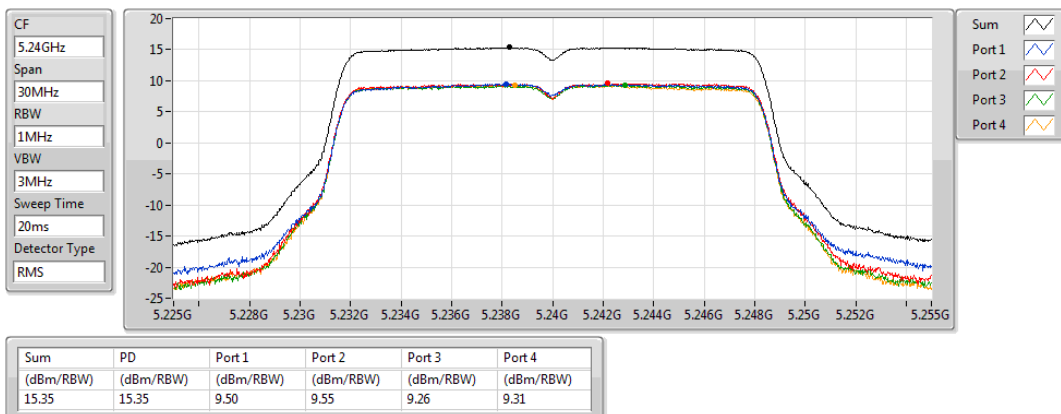


802.11a_Nss1,(6Mbps)_4TX

PSD

5240MHz

16/11/2019

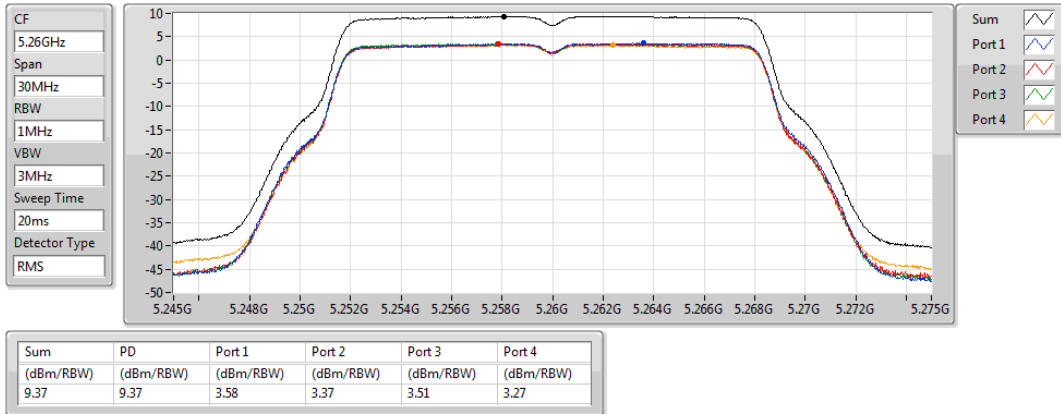


802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

22/11/2019

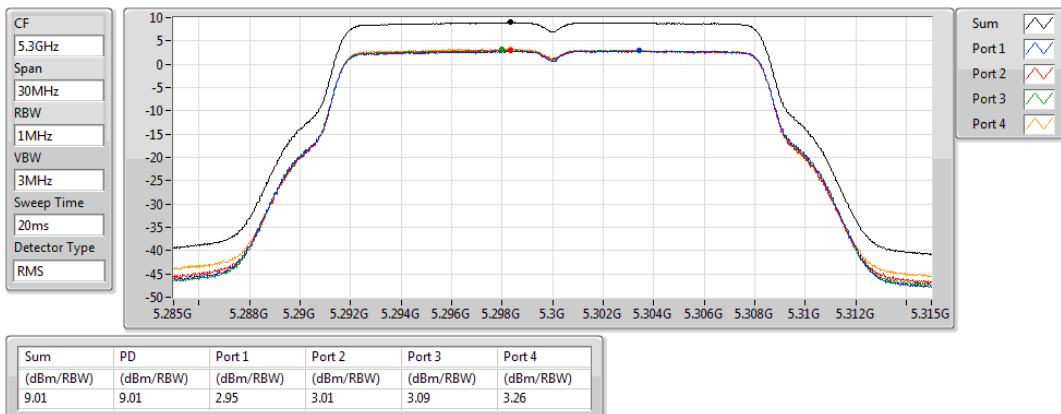


802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

22/11/2019



802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

22/11/2019

