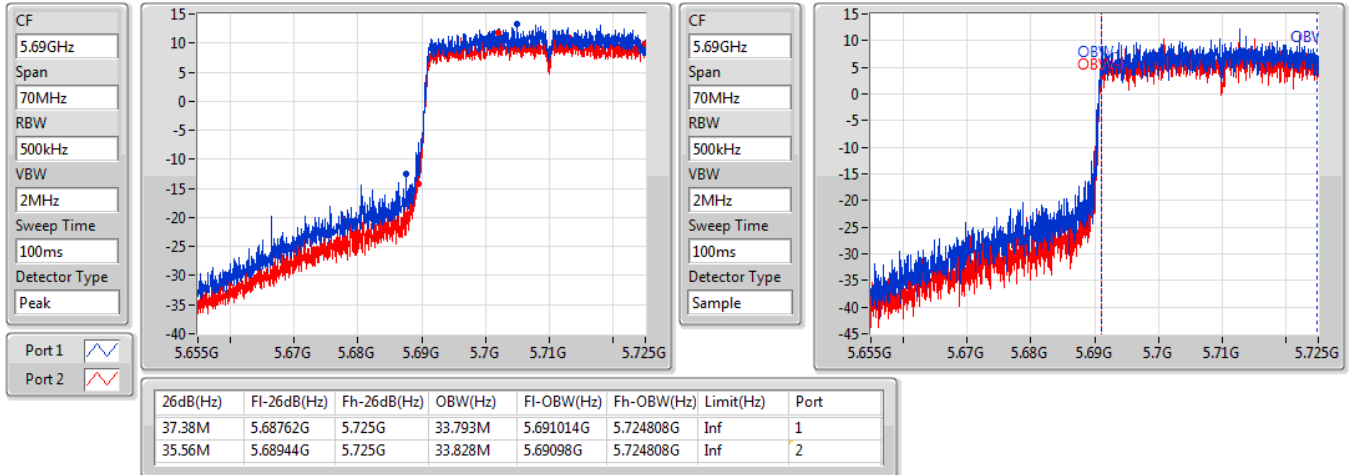
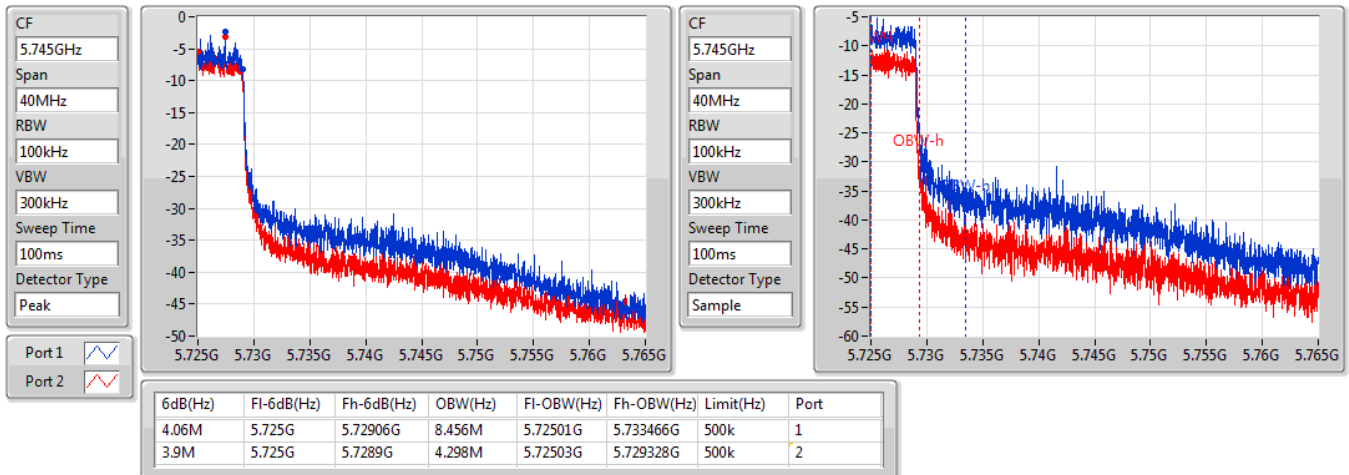


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.47-5.725GHz

04/07/2019

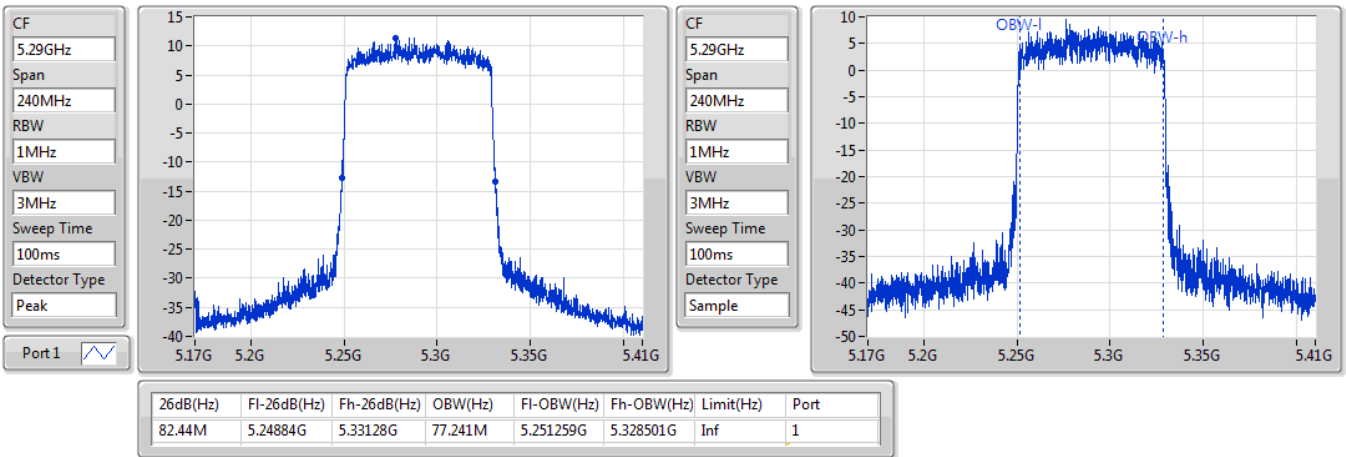

802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

04/07/2019

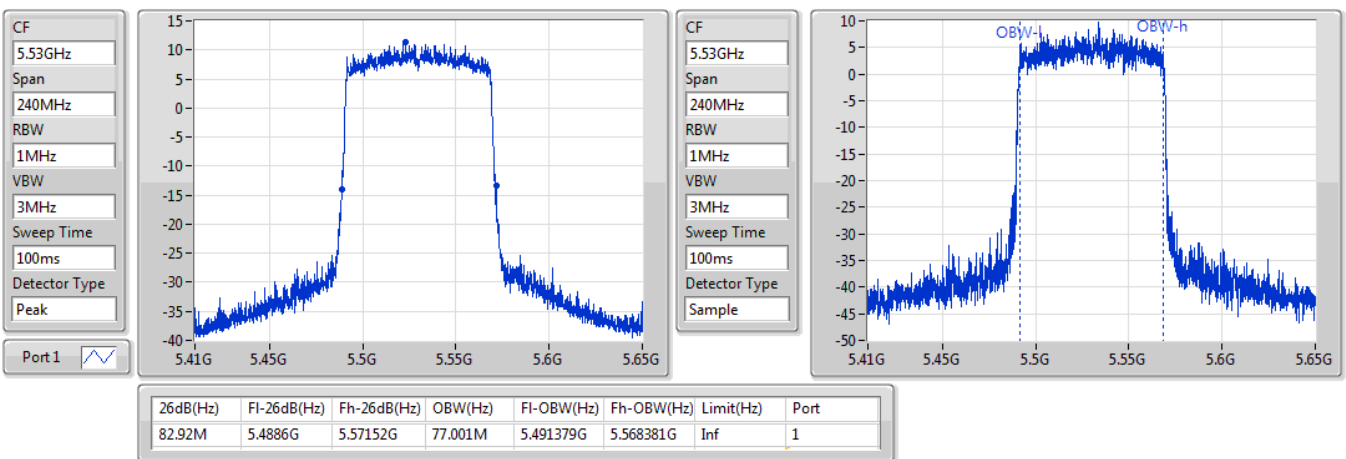


802.11ax HEW80_Nss1,(MCS0)_1TX(Port1)
EBW
5290MHz

04/07/2019

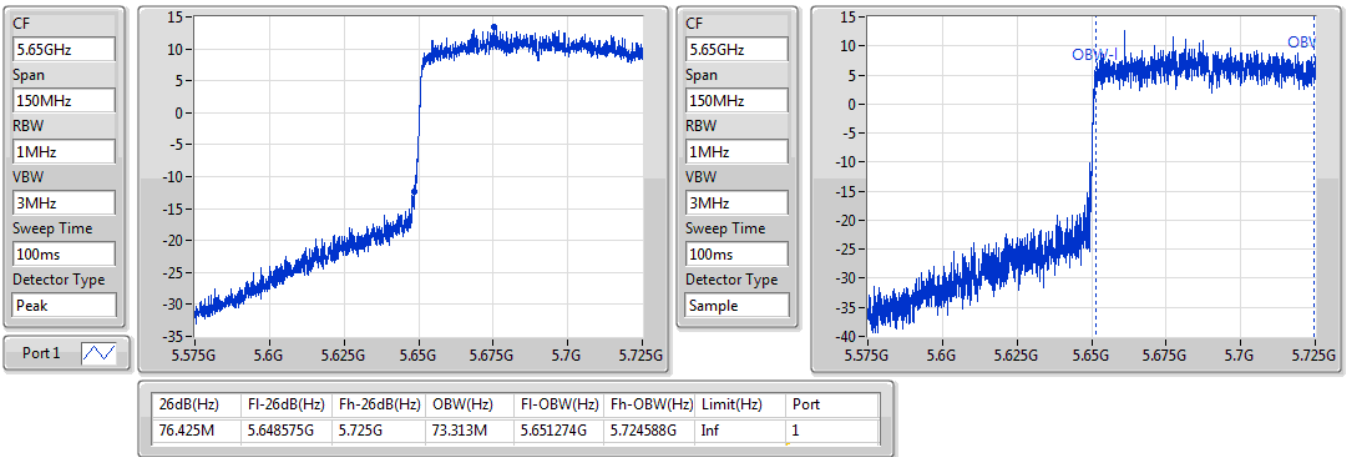

802.11ax HEW80_Nss1,(MCS0)_1TX(Port1)
EBW
5530MHz

04/07/2019

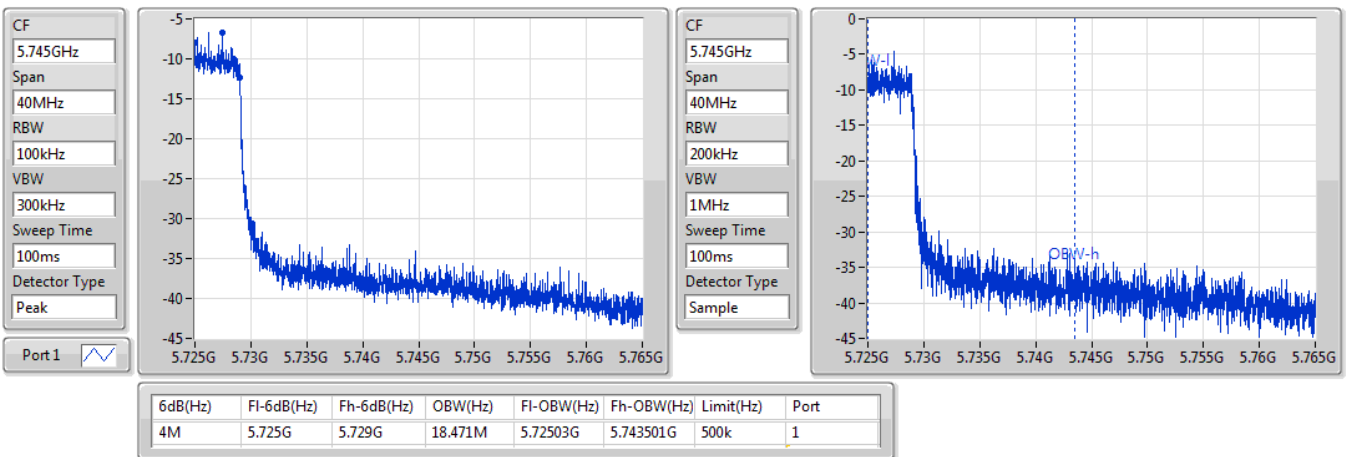


802.11ax HEW80_Nss1,(MCS0)_1TX(Port1)
EBW
5690MHz Straddle 5.47-5.725GHz

04/07/2019

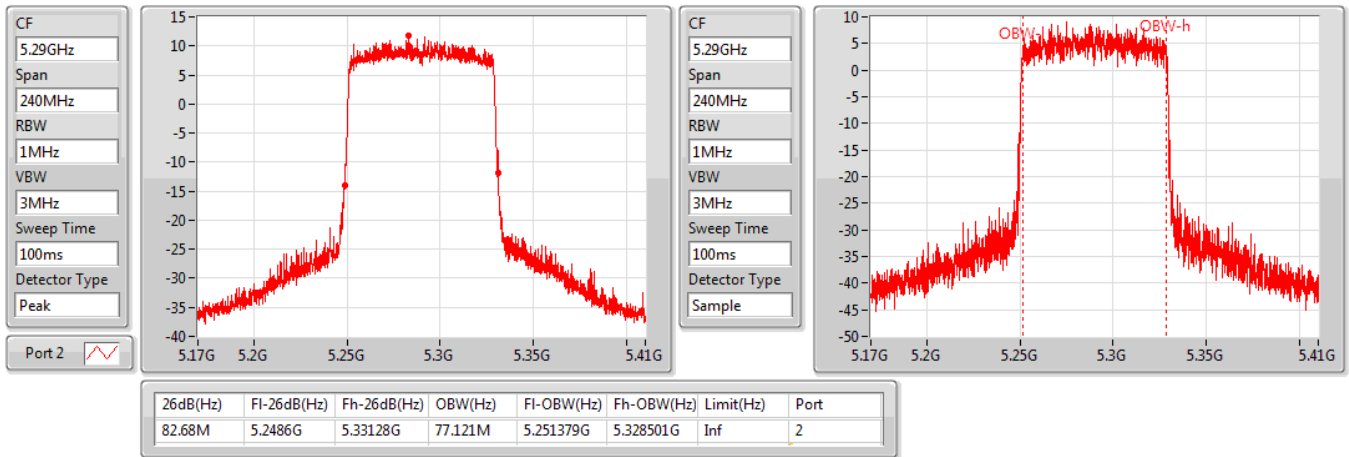

802.11ax HEW80_Nss1,(MCS0)_1TX(Port1)
EBW
5690MHz Straddle 5.725-5.85GHz

04/07/2019

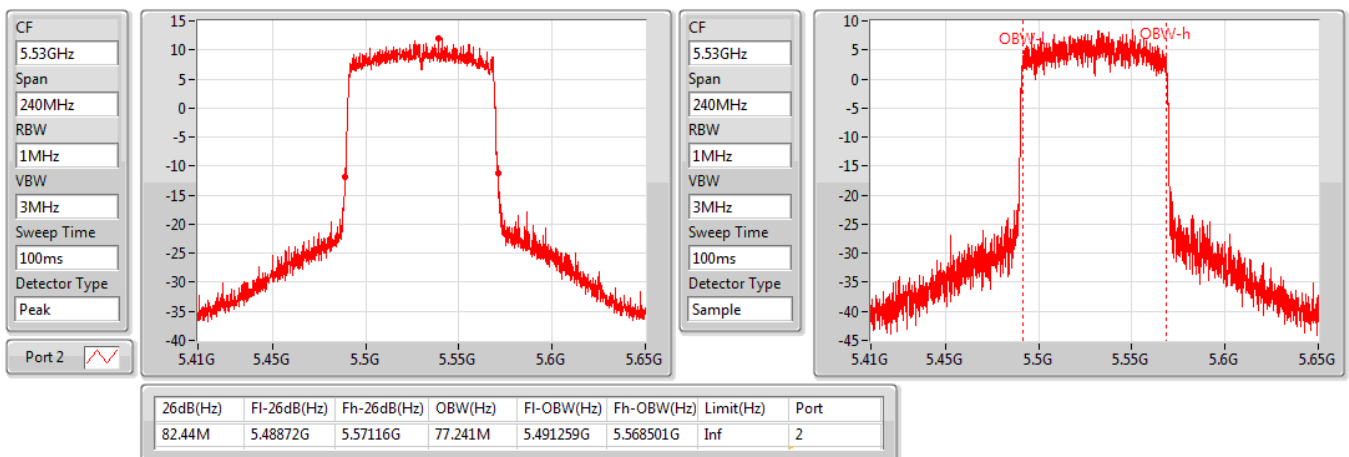


802.11ax HEW80_Nss1,(MCS0)_1TX(Port2)
EBW
5290MHz

04/07/2019

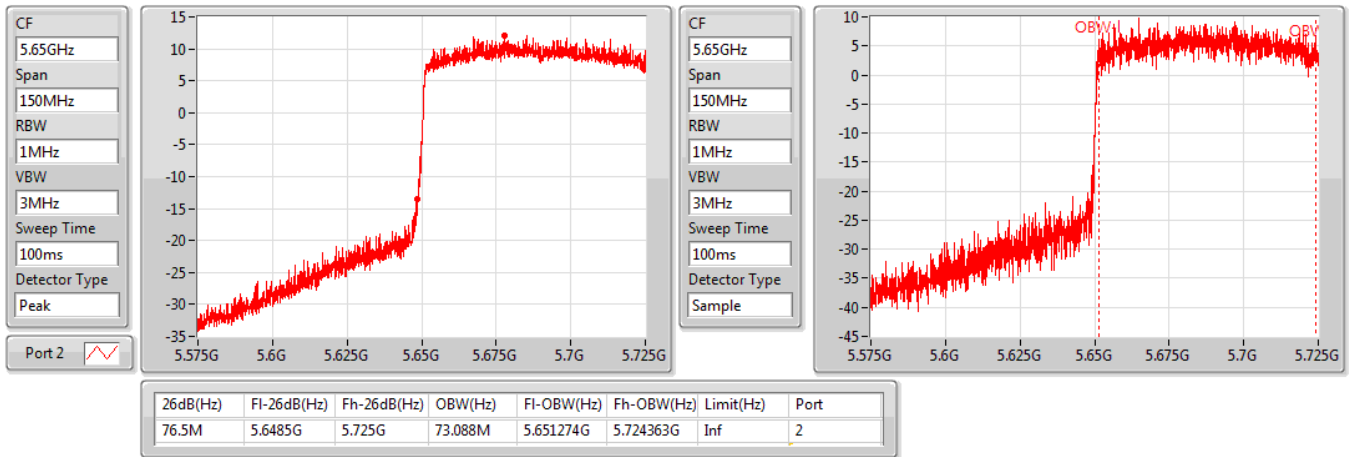

802.11ax HEW80_Nss1,(MCS0)_1TX(Port2)
EBW
5530MHz

04/07/2019

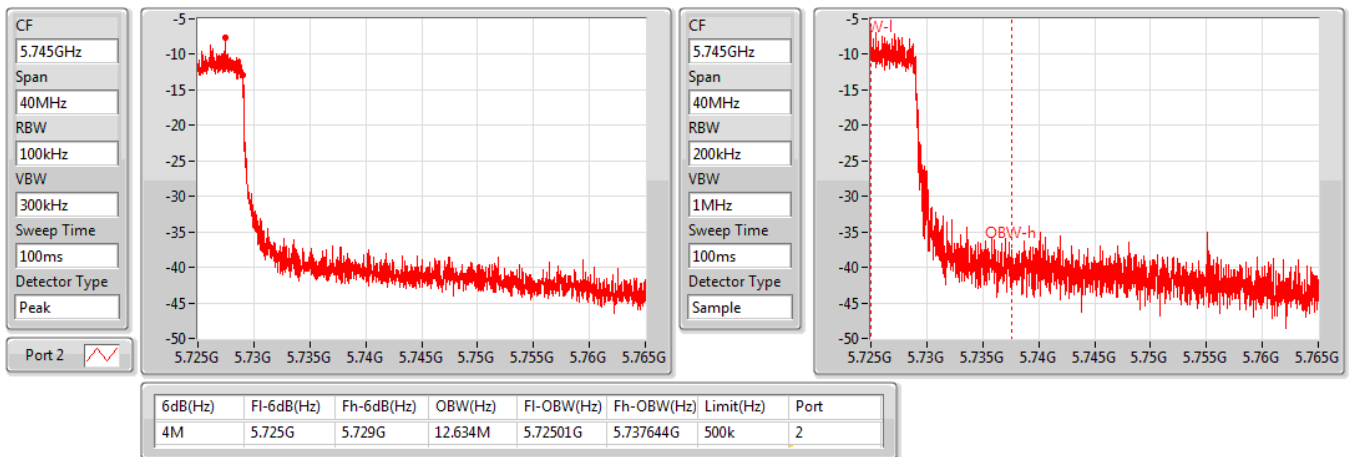


802.11ax HEW80_Nss1,(MCS0)_1TX(Port2)
EBW
5690MHz Straddle 5.47-5.725GHz

04/07/2019

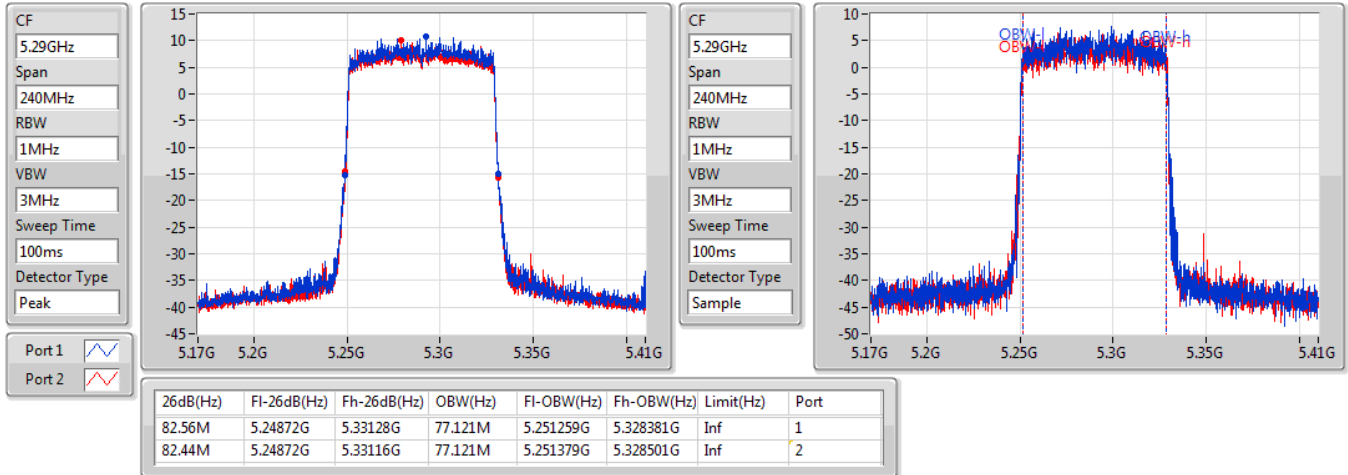

802.11ax HEW80_Nss1,(MCS0)_1TX(Port2)
EBW
5690MHz Straddle 5.725-5.85GHz

04/07/2019

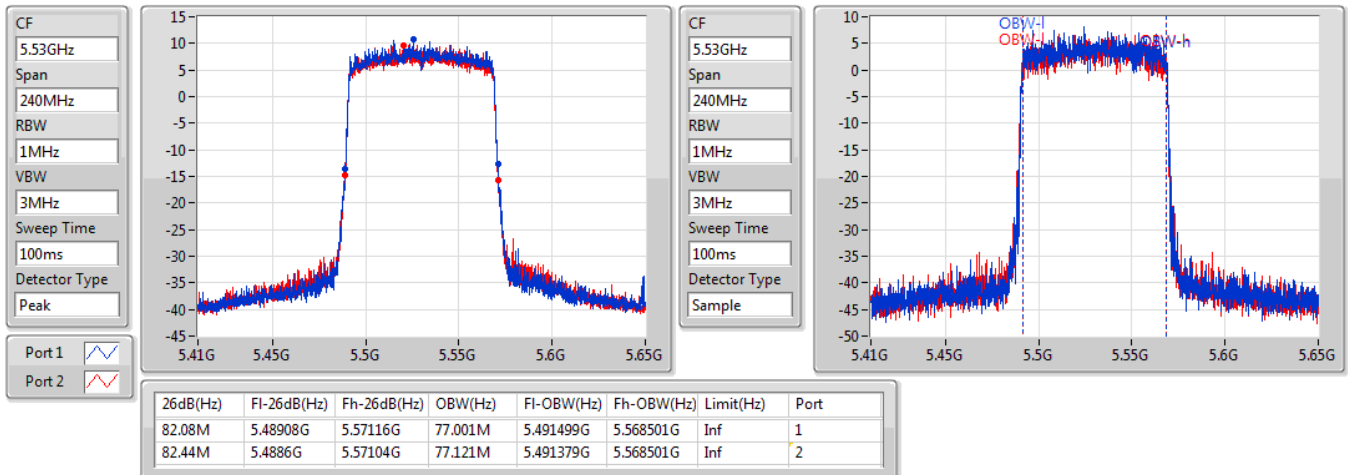


802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5290MHz

04/07/2019

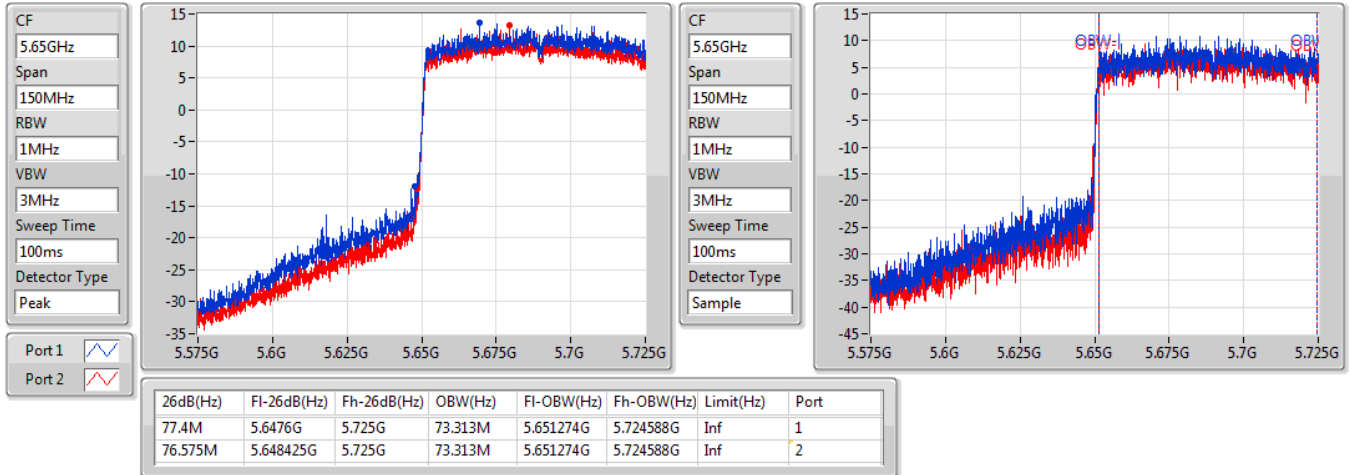

802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5530MHz

04/07/2019

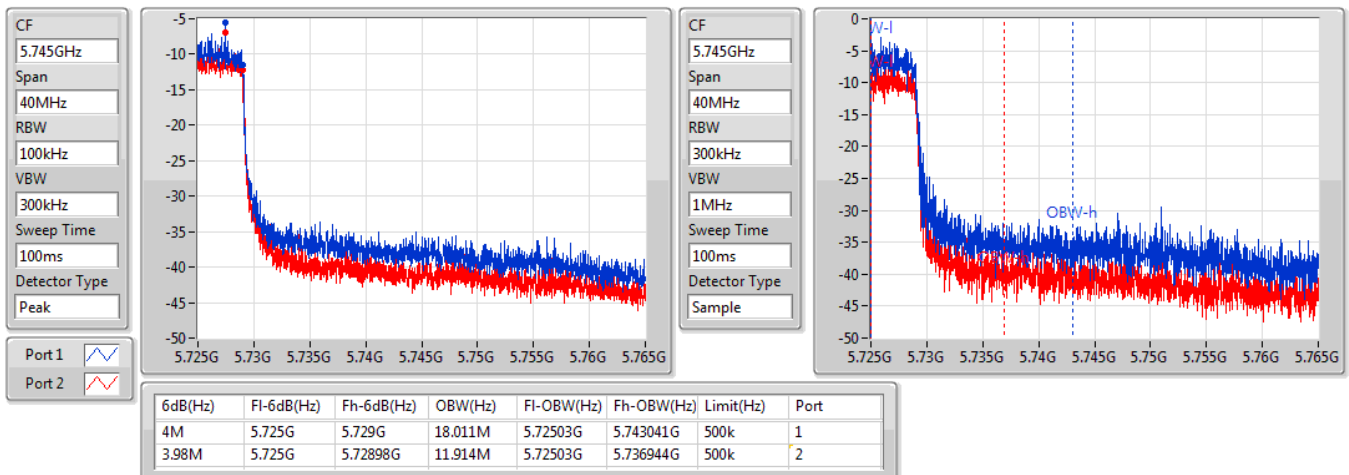


802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

04/07/2019


802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

04/07/2019



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	20.85M	17.631M	17M6D1D	20.55M	17.571M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	40.5M	36.162M	36M2D1D	39.42M	36.042M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	80.52M	75.442M	75M4D1D	80.04M	75.442M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.79M	17.661M	17M7D1D	20.13M	17.571M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	39.42M	36.102M	36M1D1D	39M	36.042M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.96M	75.562M	75M6D1D	81.24M	75.322M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.09M	17.601M	17M6D1D	15M	13.748M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	41.46M	36.162M	36M2D1D	35.105M	32.919M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	80.16M	75.442M	75M4D1D	74.925M	72.189M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.91M	17.601M	17M6D1D	15.135M	13.778M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	40.2M	36.162M	36M2D1D	34.51M	32.814M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	82.2M	75.682M	75M7D1D	75.825M	72.339M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	3.76M	3.918M	3M92D1D	3.76M	3.918M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	3.2M	3.478M	3M48D1D	3.18M	3.478M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	3.2M	3.578M	3M58D1D	3.18M	3.538M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	3.76M	3.918M	3M92D1D	3.74M	3.878M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	3.2M	3.418M	3M42D1D	3.18M	3.418M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	3.2M	3.598M	3M60D1D	3.02M	3.598M

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

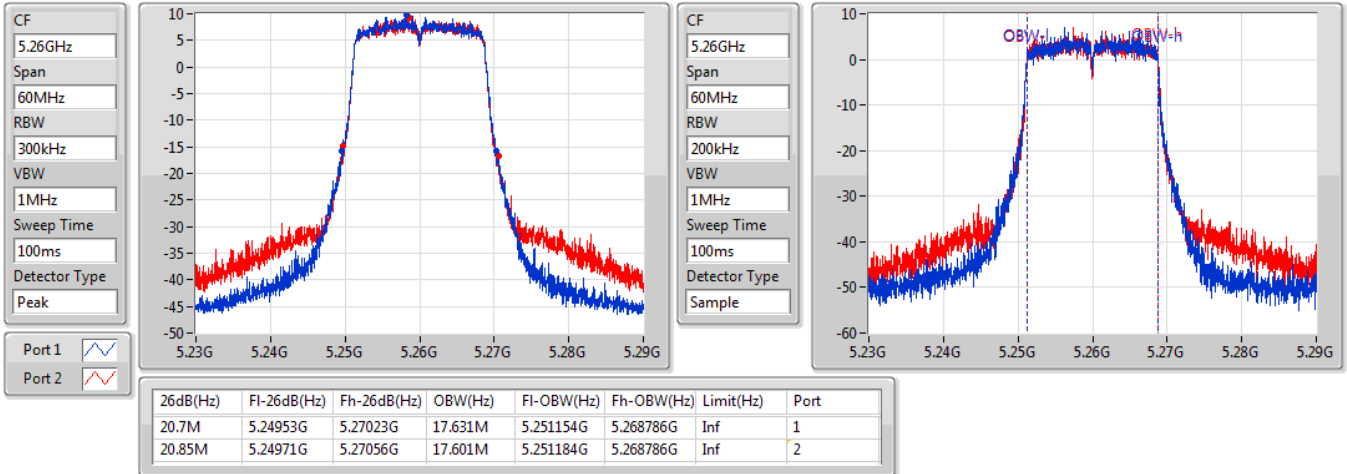
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	20.7M	17.631M	20.85M	17.601M
5300MHz_TnomVnom	Pass	Inf	20.67M	17.571M	20.55M	17.631M
5320MHz_TnomVnom	Pass	Inf	20.58M	17.571M	20.67M	17.601M
5500MHz_TnomVnom	Pass	Inf	21.06M	17.571M	20.55M	17.571M
5580MHz_TnomVnom	Pass	Inf	21.09M	17.601M	20.85M	17.601M
5700MHz_TnomVnom	Pass	Inf	20.82M	17.601M	19.98M	17.571M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	15.15M	13.748M	15M	13.808M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.76M	3.918M	3.76M	3.918M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	Inf	40.02M	36.042M	39.42M	36.042M
5310MHz_TnomVnom	Pass	Inf	39.72M	36.042M	40.5M	36.162M
5510MHz_TnomVnom	Pass	Inf	41.1M	36.042M	41.46M	36.042M
5550MHz_TnomVnom	Pass	Inf	39.48M	36.102M	39.78M	36.162M
5670MHz_TnomVnom	Pass	Inf	39.96M	36.102M	39.36M	36.042M
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	35.315M	32.989M	35.105M	32.919M
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.2M	3.478M	3.18M	3.478M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	Inf	80.04M	75.442M	80.52M	75.442M
5530MHz_TnomVnom	Pass	Inf	80.16M	75.442M	80.04M	75.322M
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	74.925M	72.189M	75.75M	72.564M
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.18M	3.538M	3.2M	3.578M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	20.46M	17.571M	20.79M	17.571M
5300MHz_TnomVnom	Pass	Inf	20.13M	17.601M	20.67M	17.601M
5320MHz_TnomVnom	Pass	Inf	20.58M	17.631M	20.79M	17.661M
5500MHz_TnomVnom	Pass	Inf	20.82M	17.571M	20.58M	17.601M
5580MHz_TnomVnom	Pass	Inf	20.91M	17.601M	20.85M	17.541M
5700MHz_TnomVnom	Pass	Inf	20.58M	17.601M	20.79M	17.571M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	15.285M	13.778M	15.135M	13.778M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.76M	3.918M	3.74M	3.878M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	Inf	39.42M	36.102M	39.18M	36.102M
5310MHz_TnomVnom	Pass	Inf	39M	36.042M	39.3M	36.042M
5510MHz_TnomVnom	Pass	Inf	40.2M	36.162M	39.78M	36.042M
5550MHz_TnomVnom	Pass	Inf	40.2M	36.162M	39.78M	36.102M
5670MHz_TnomVnom	Pass	Inf	39.78M	36.102M	39.96M	36.042M
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	34.51M	32.954M	35.21M	32.814M
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.2M	3.418M	3.18M	3.418M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	Inf	81.24M	75.562M	81.96M	75.322M
5530MHz_TnomVnom	Pass	Inf	82.2M	75.682M	81.48M	75.562M
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	75.975M	72.714M	75.825M	72.339M
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.2M	3.598M	3.02M	3.598M



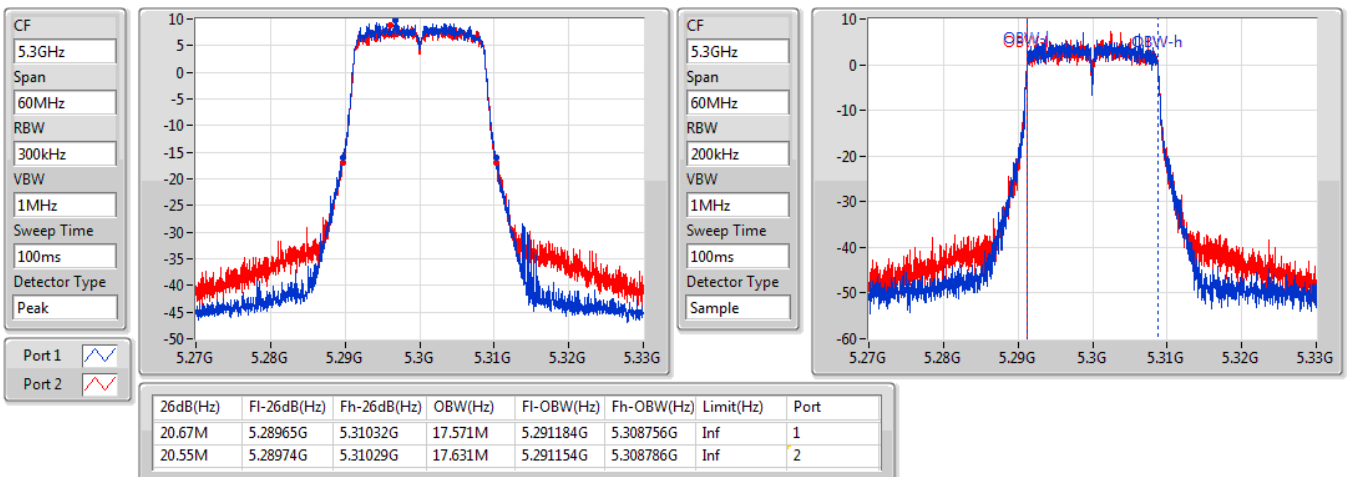
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth;

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

20/07/2019

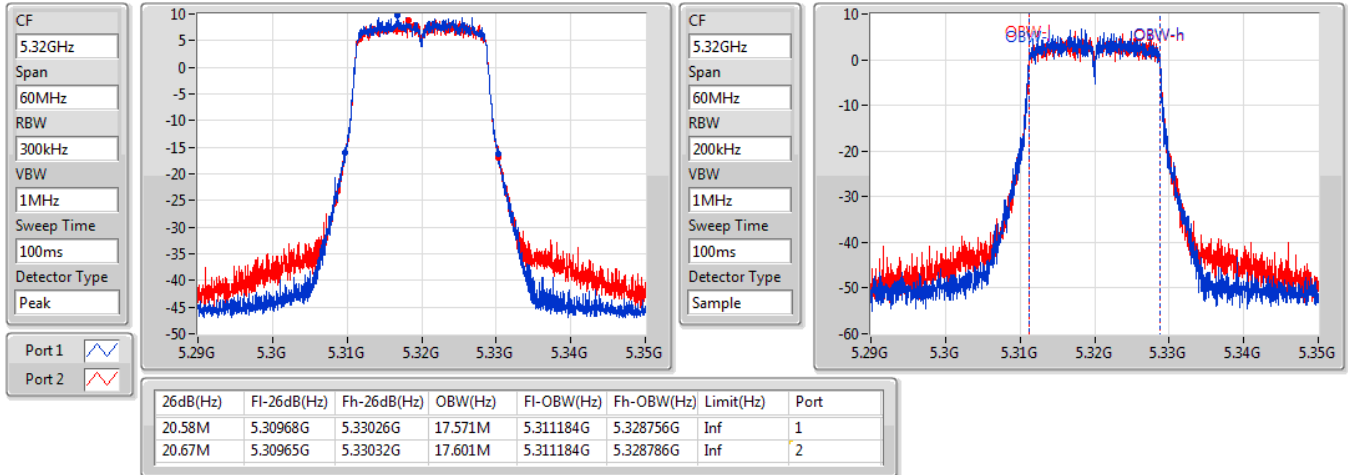

802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5300MHz

20/07/2019

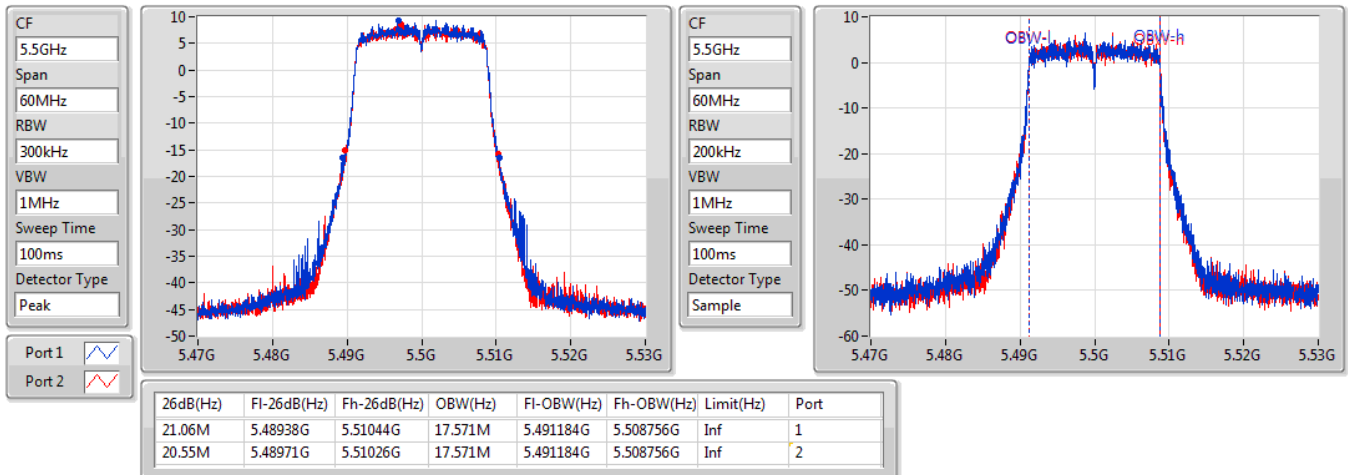


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5320MHz

20/07/2019

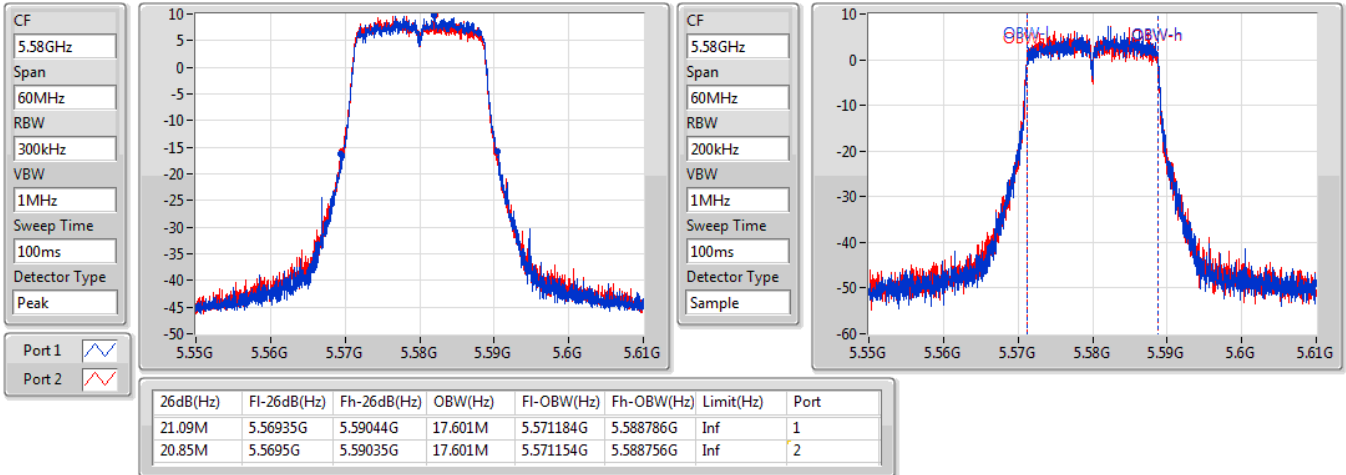

802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5500MHz

20/07/2019

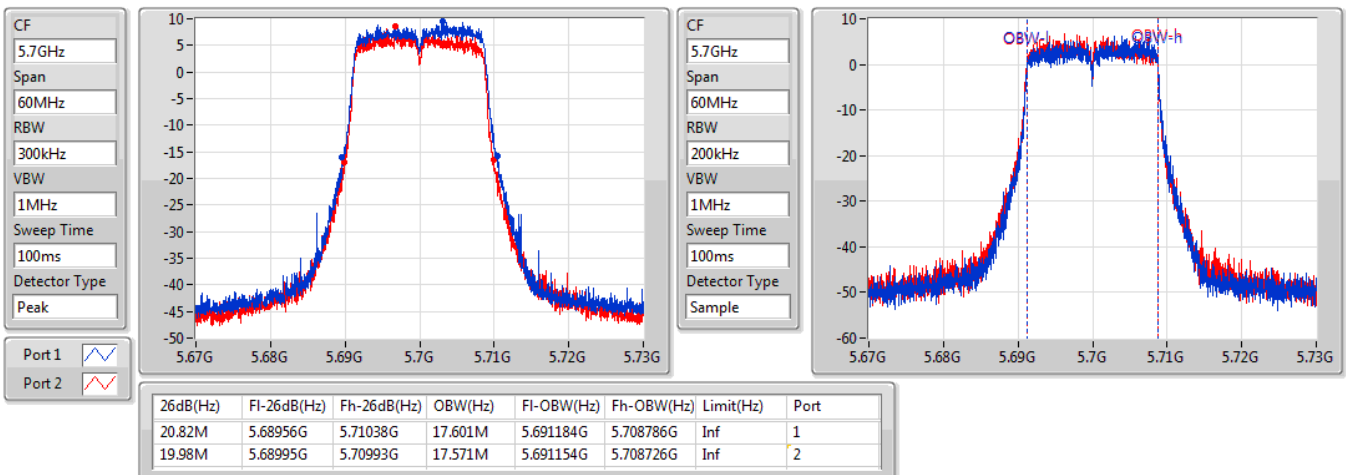


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5580MHz

20/07/2019

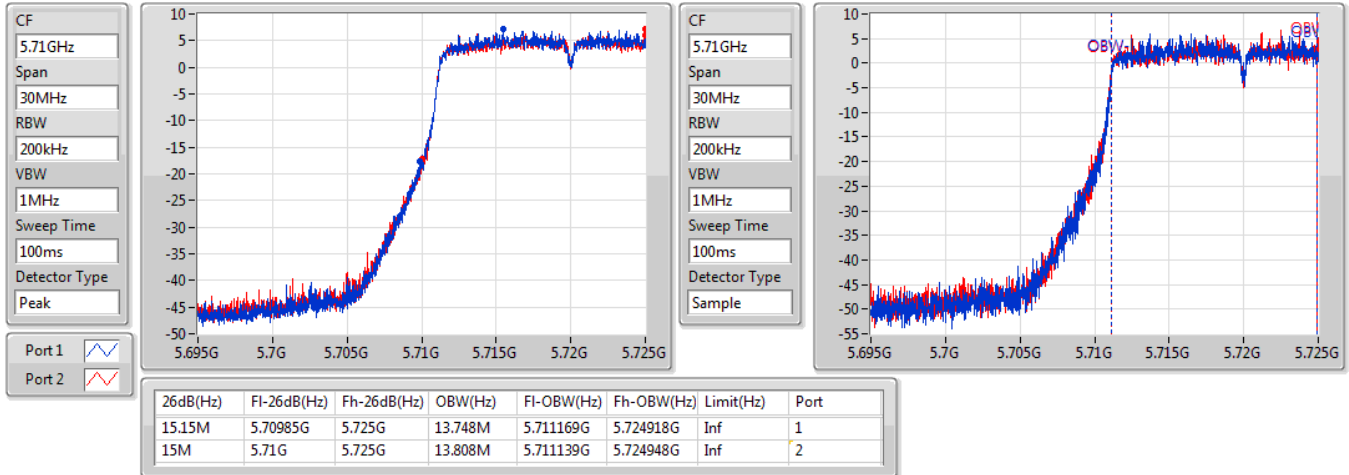

802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5700MHz

20/07/2019

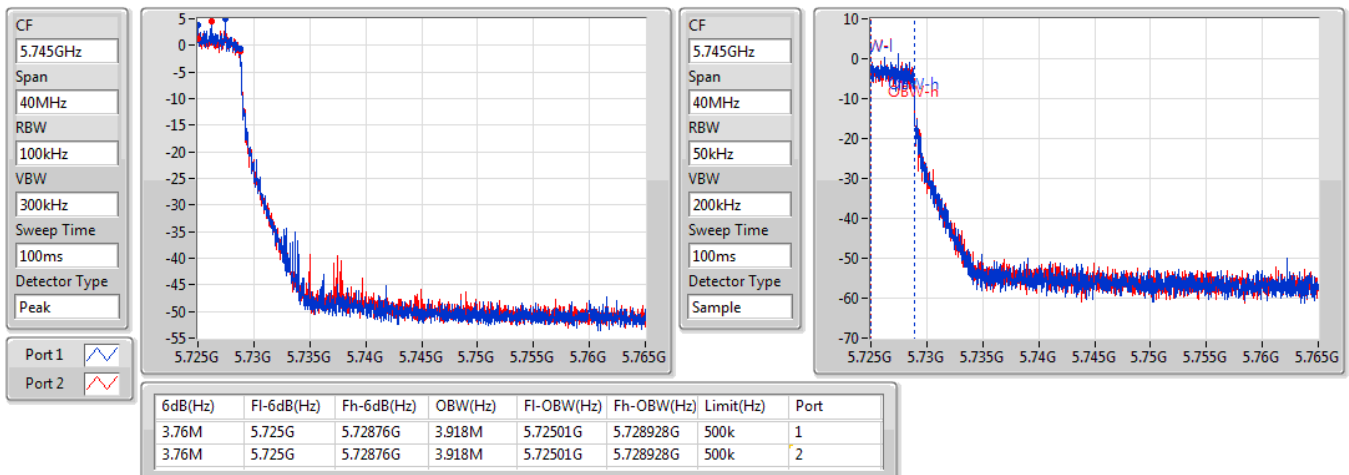


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

20/07/2019

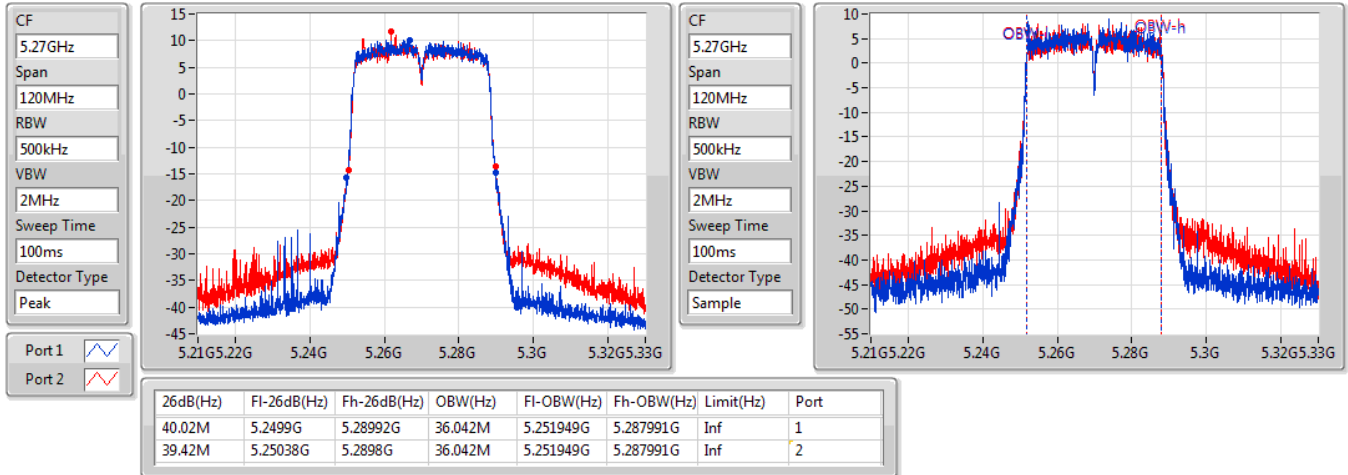

802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

20/07/2019

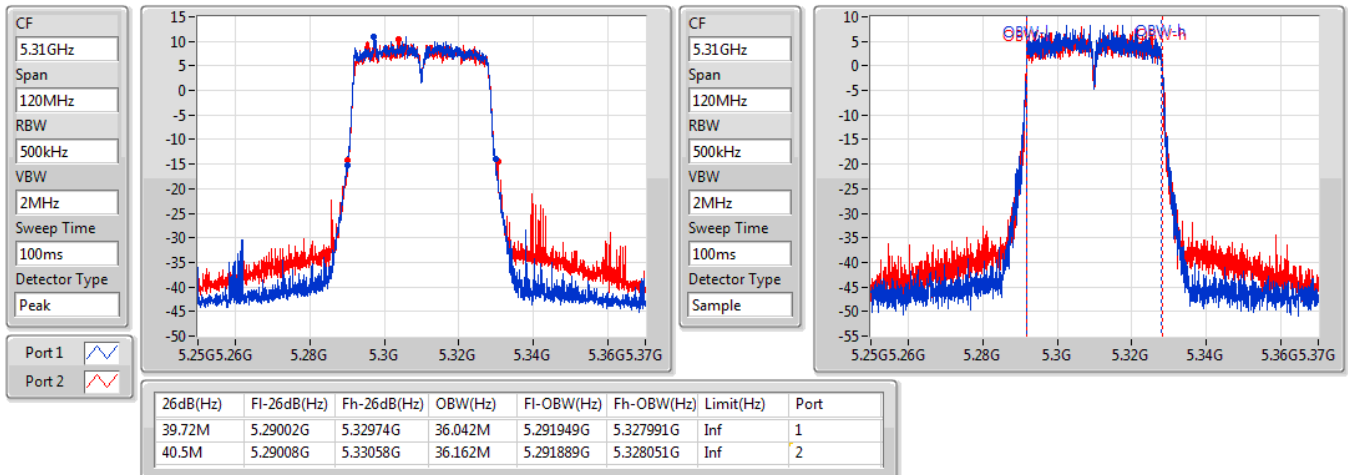


802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5270MHz

20/07/2019

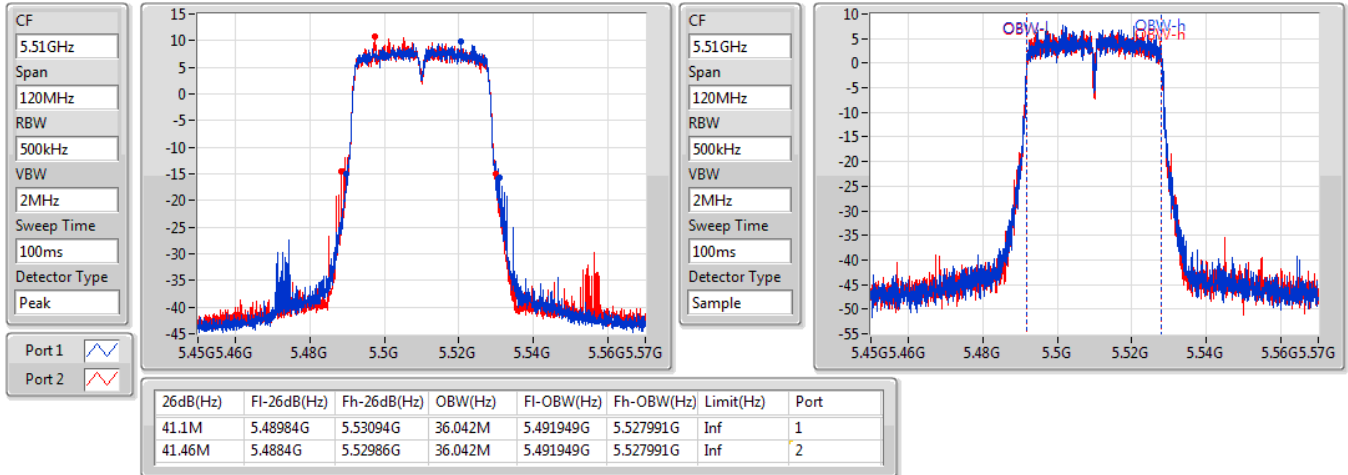

802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5310MHz

20/07/2019

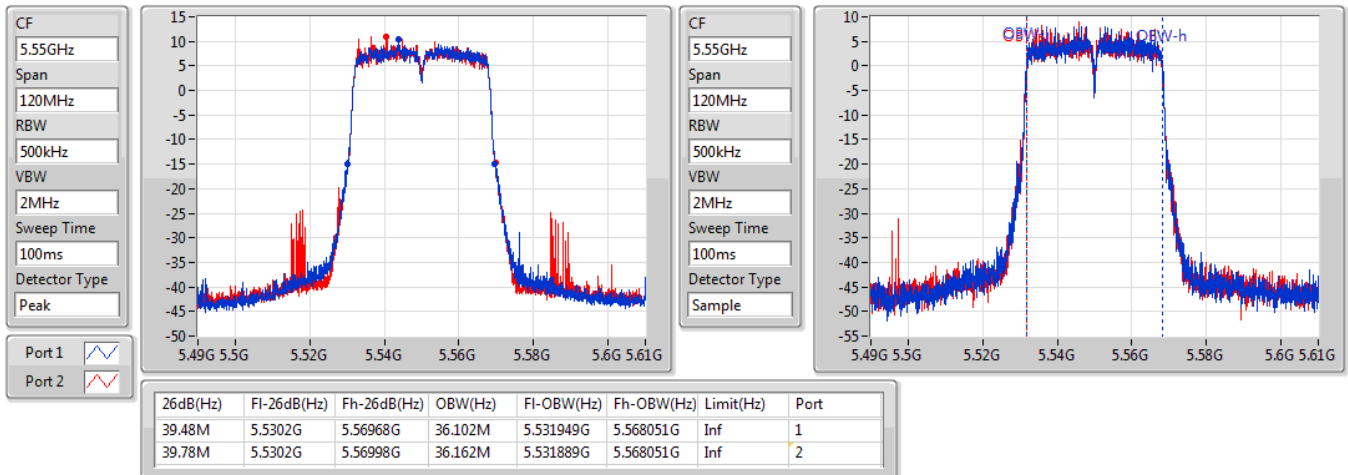


802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5510MHz

20/07/2019

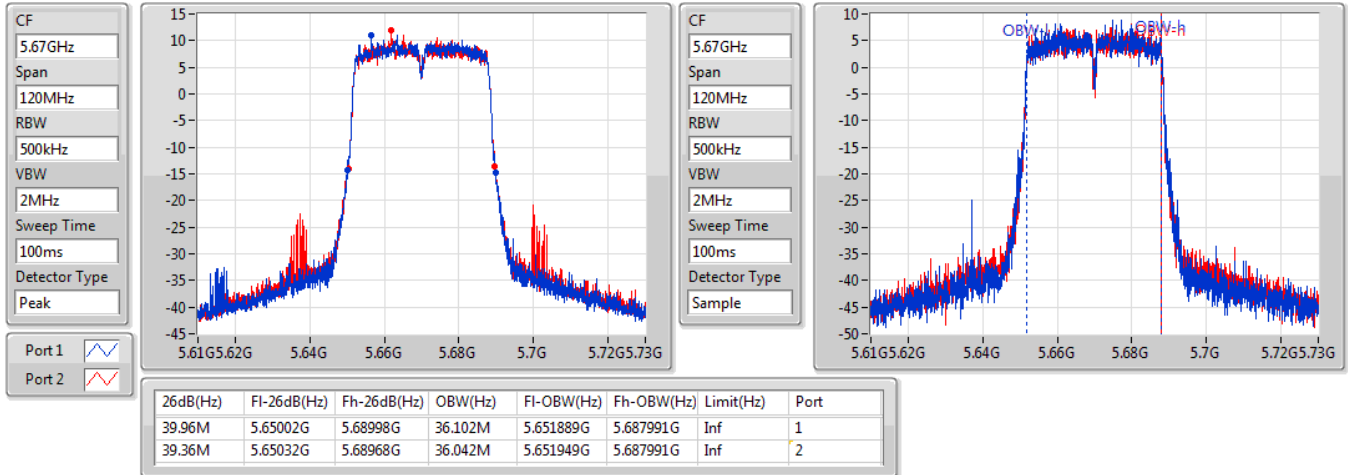

802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5550MHz

20/07/2019

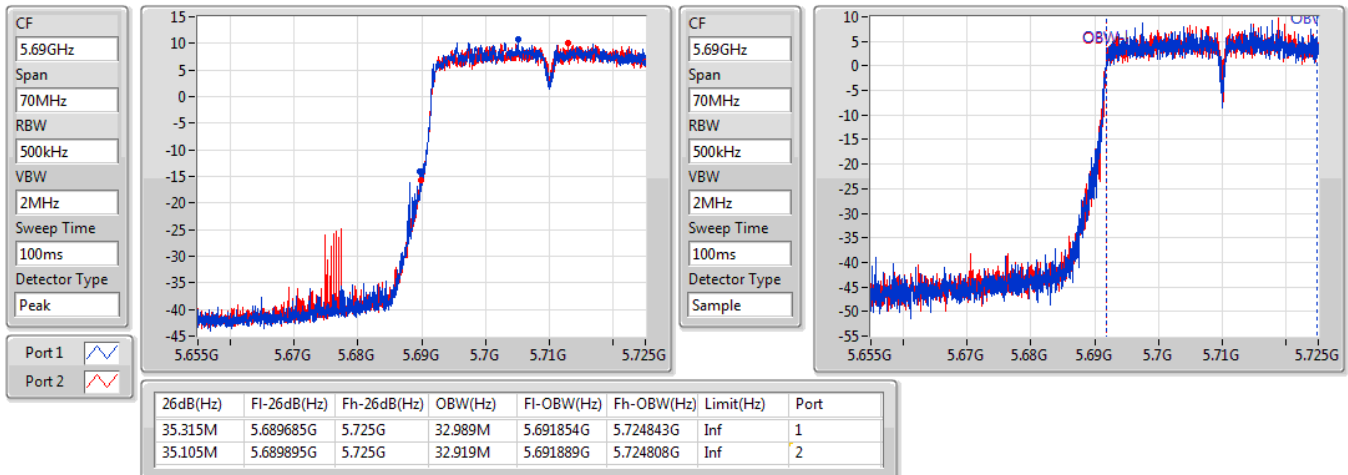


802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5670MHz

20/07/2019

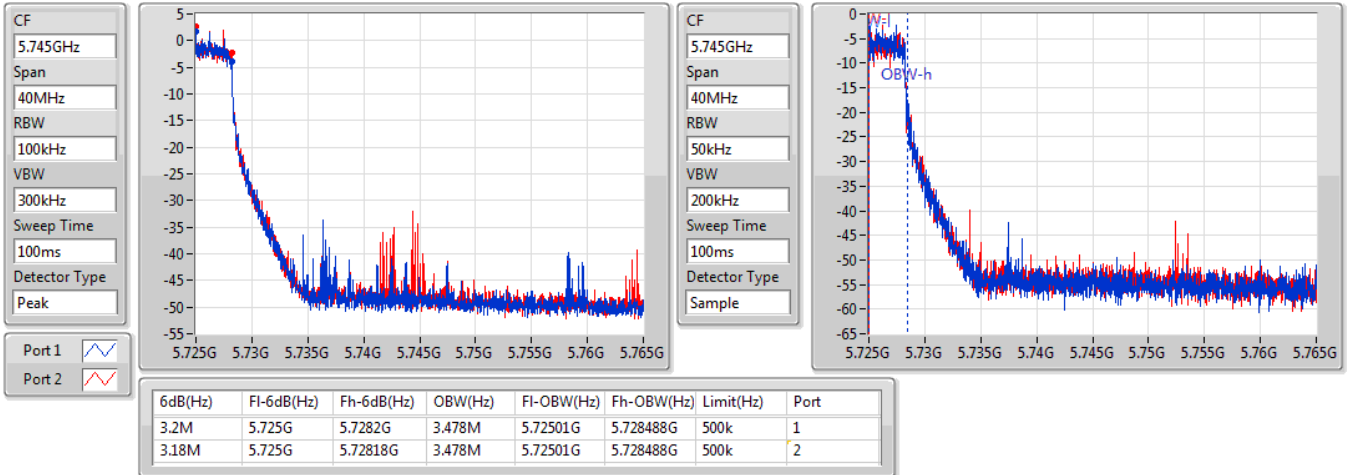

802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.47-5.725GHz

20/07/2019

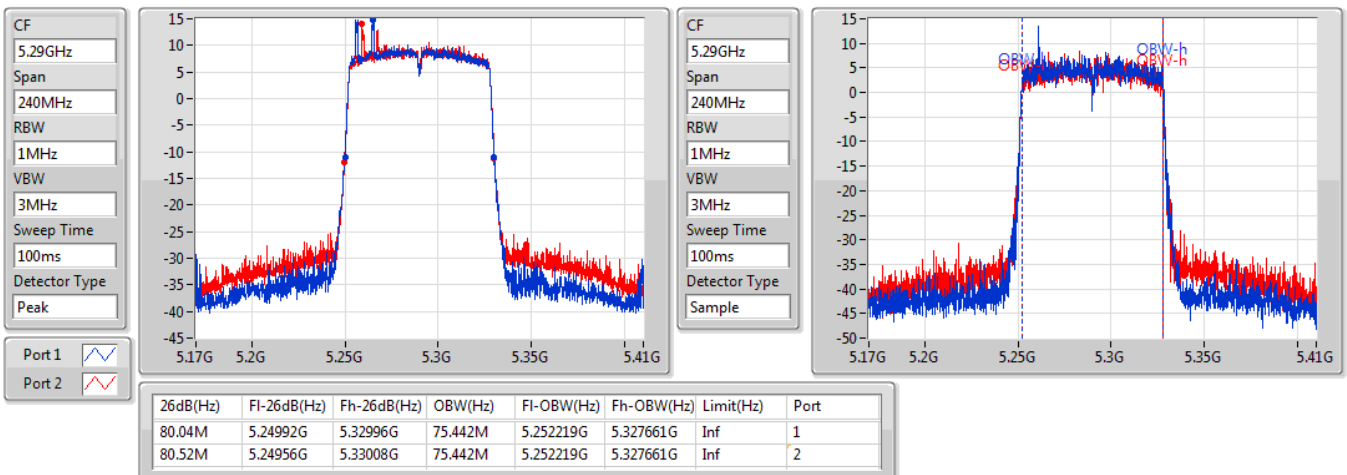


802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

20/07/2019

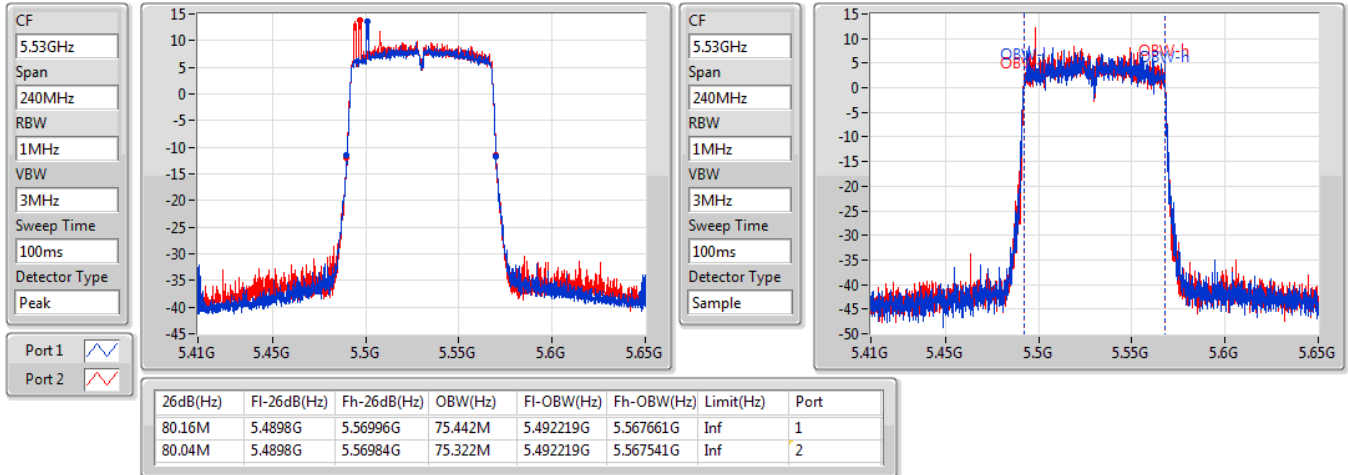

802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5290MHz

20/07/2019

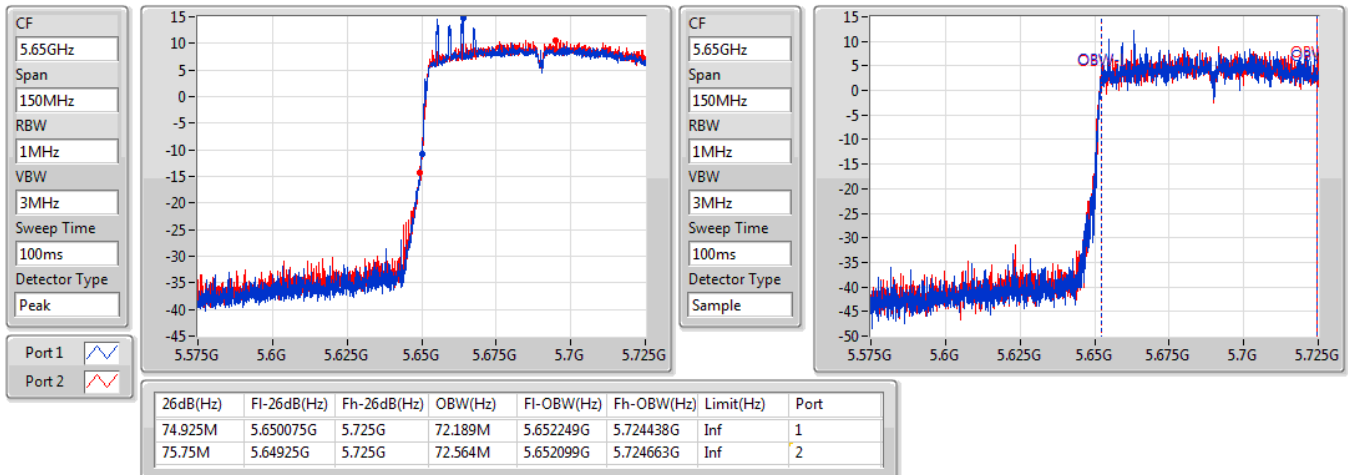


802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5530MHz

20/07/2019


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

20/07/2019

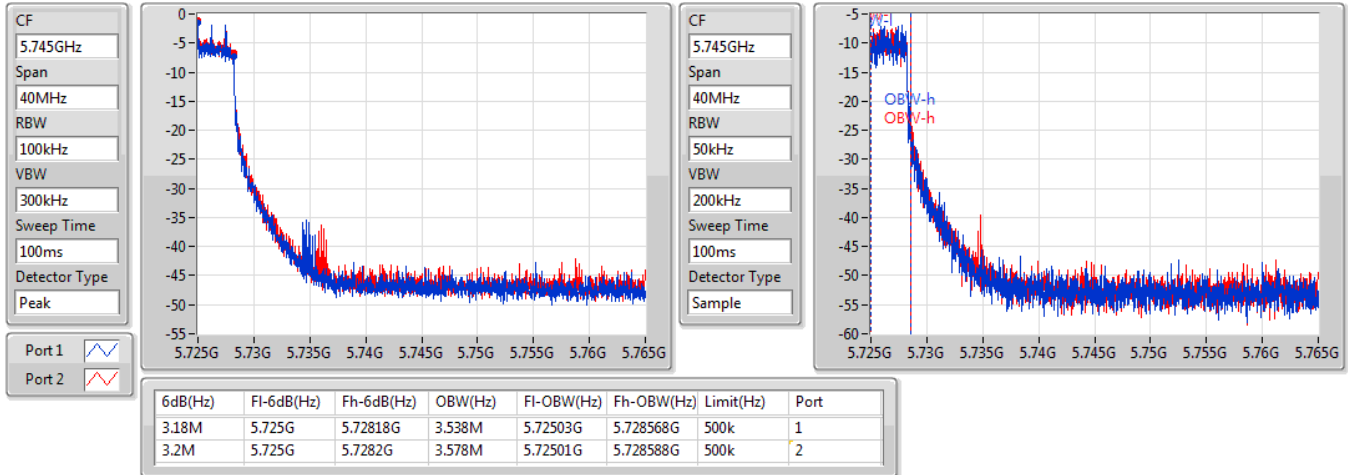


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

20/07/2019

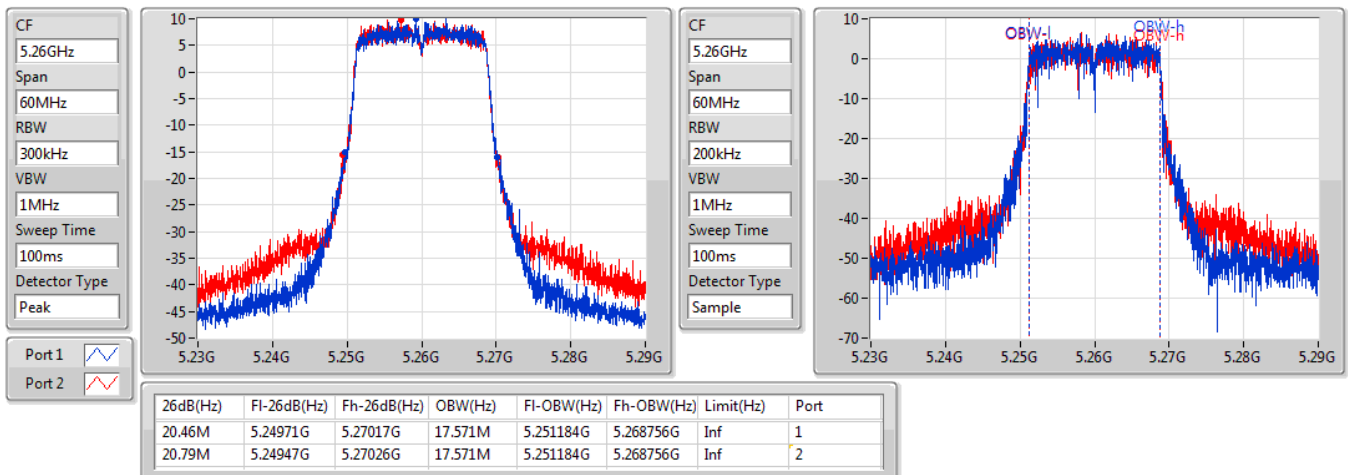


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5260MHz

20/07/2019

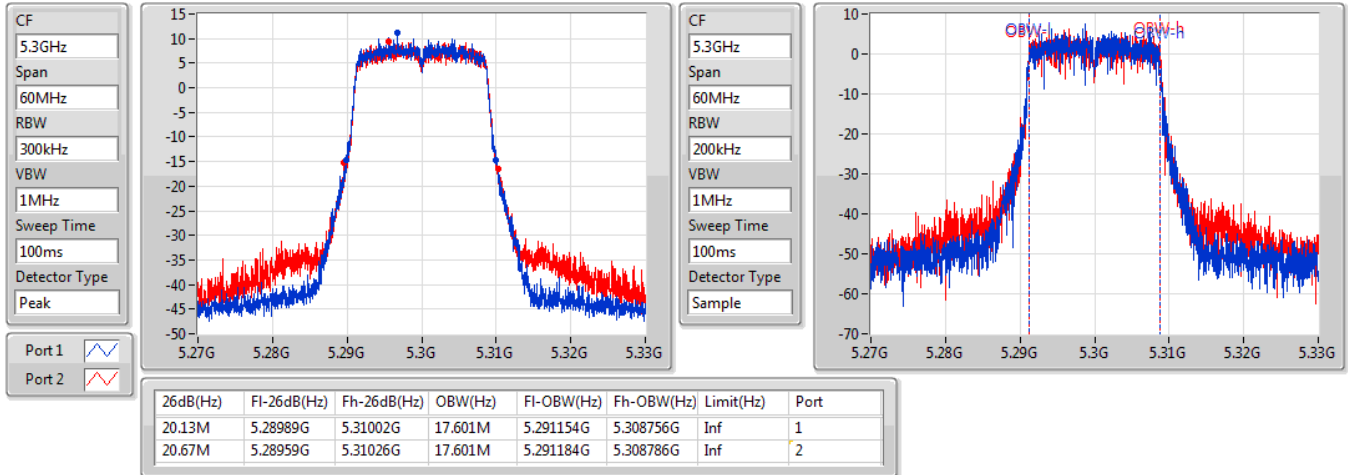


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5300MHz

20/07/2019

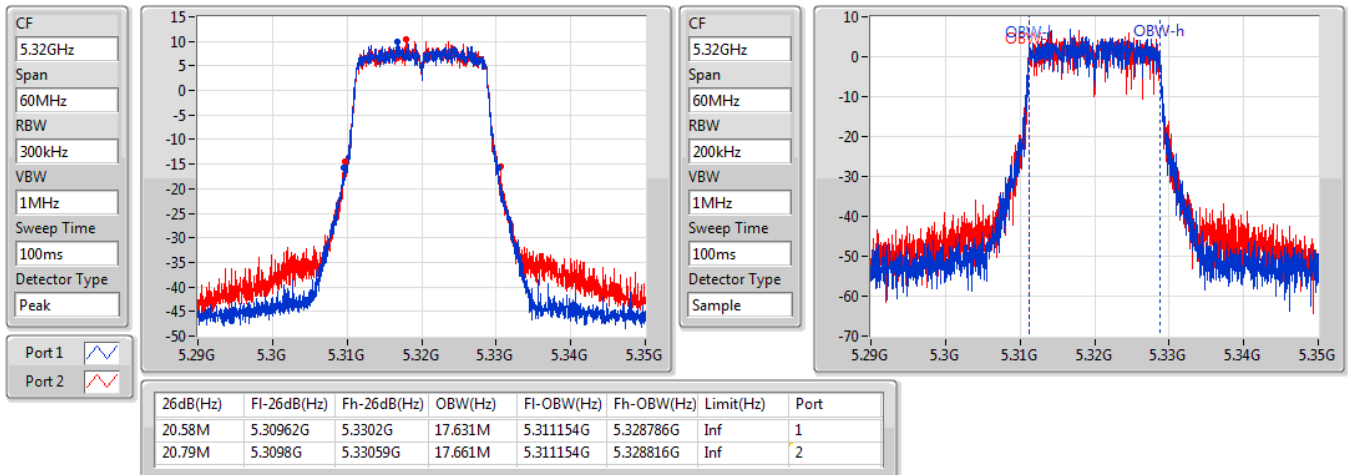


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

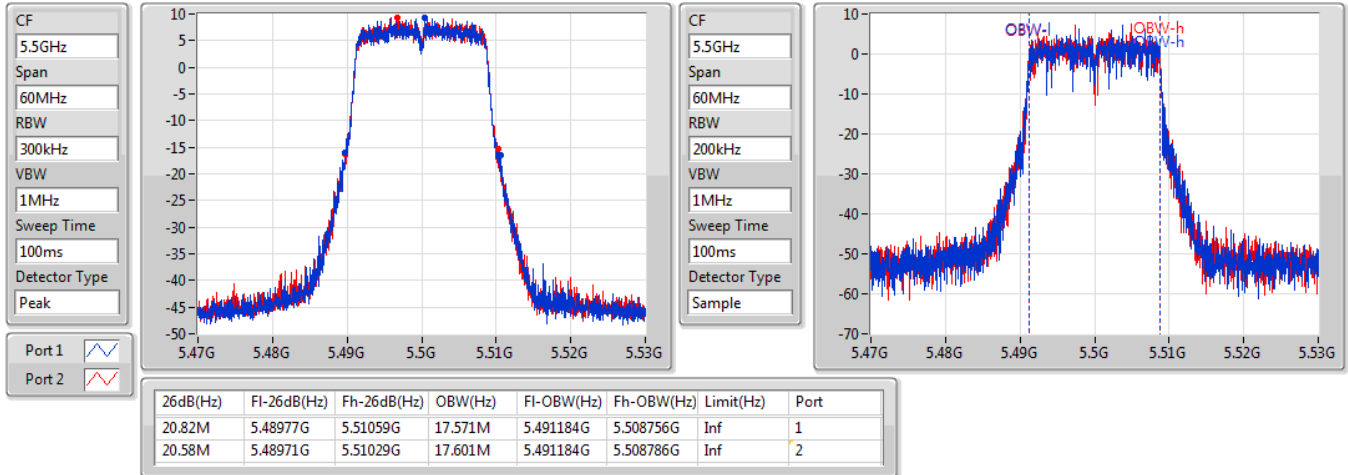
5320MHz

20/07/2019

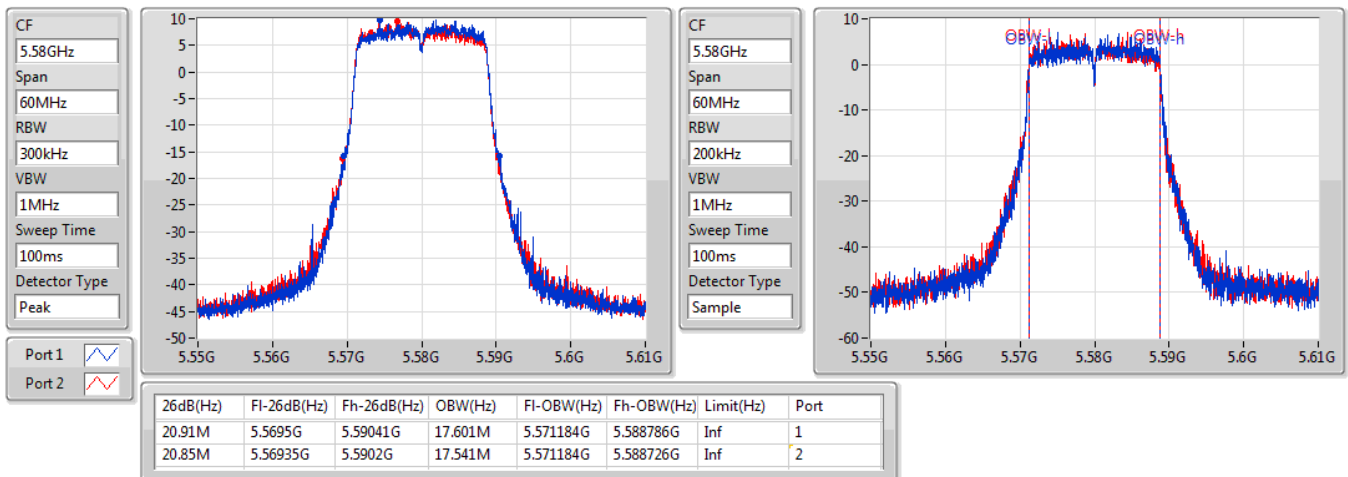


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5500MHz

20/07/2019

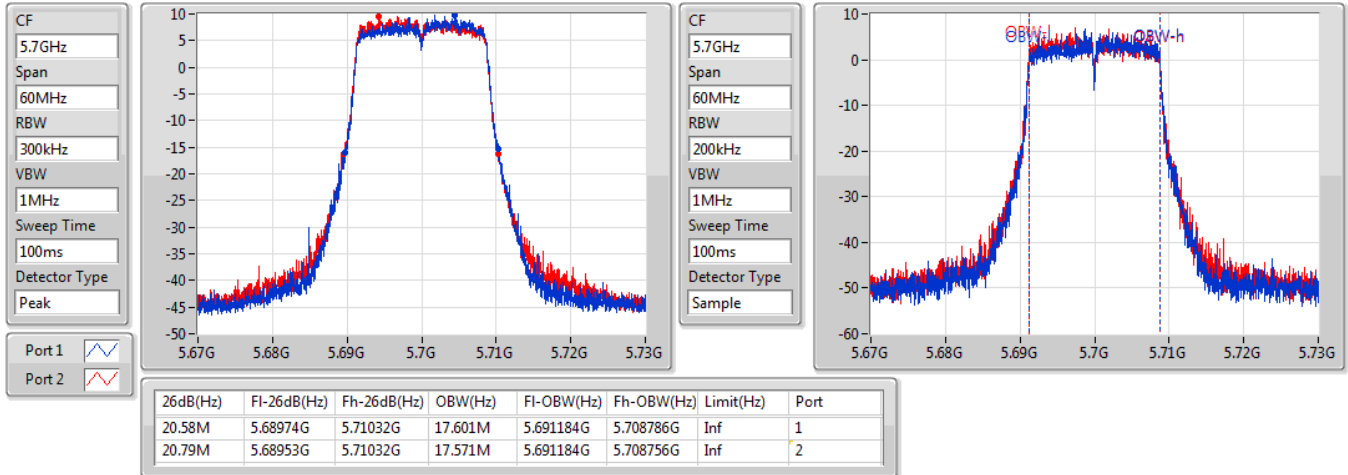

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5580MHz

20/07/2019

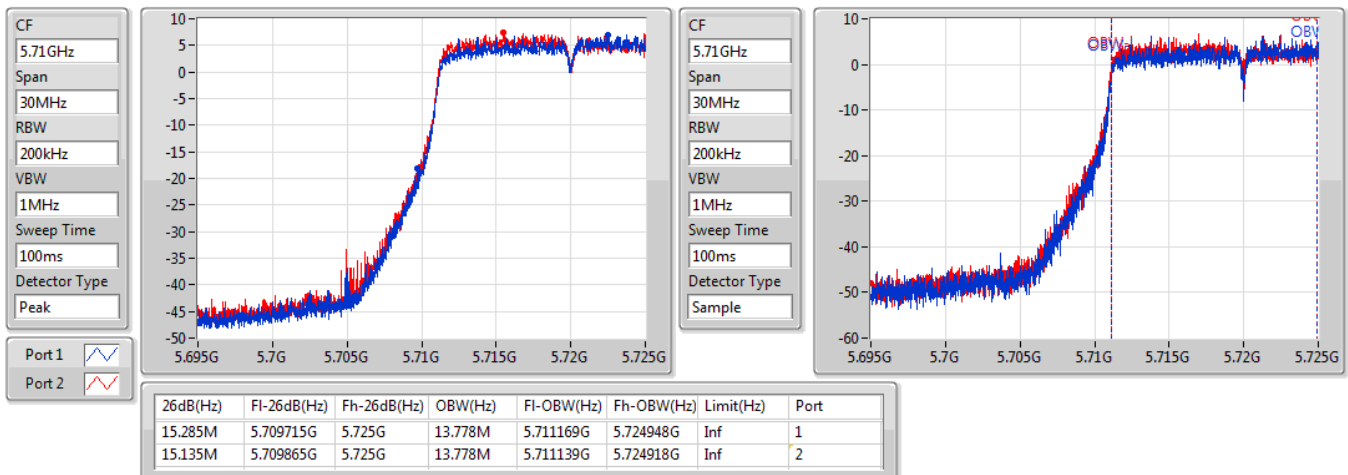


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5700MHz

20/07/2019

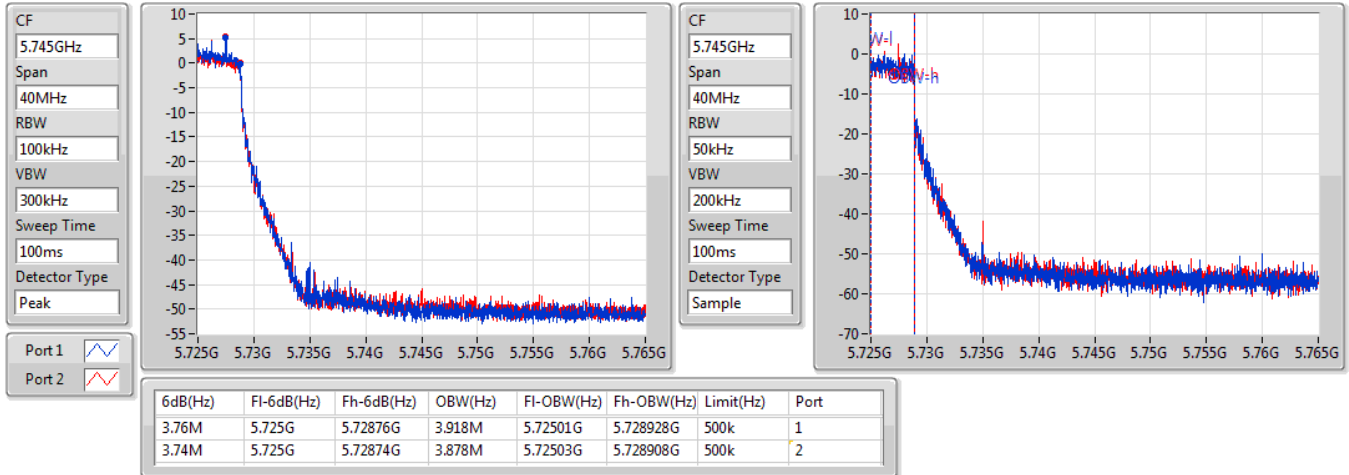

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

20/07/2019

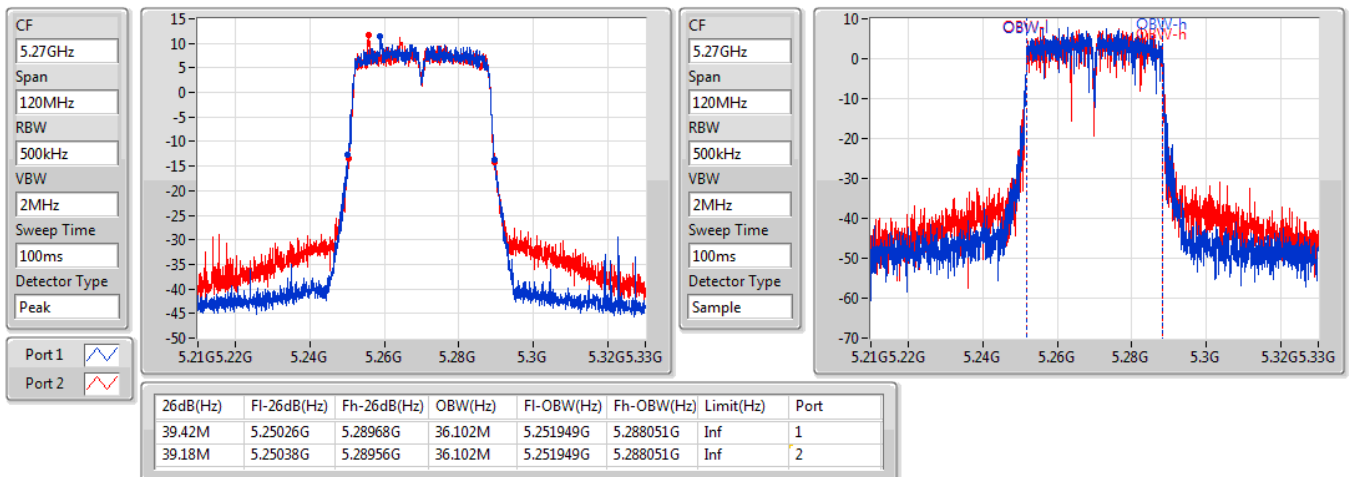


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

20/07/2019

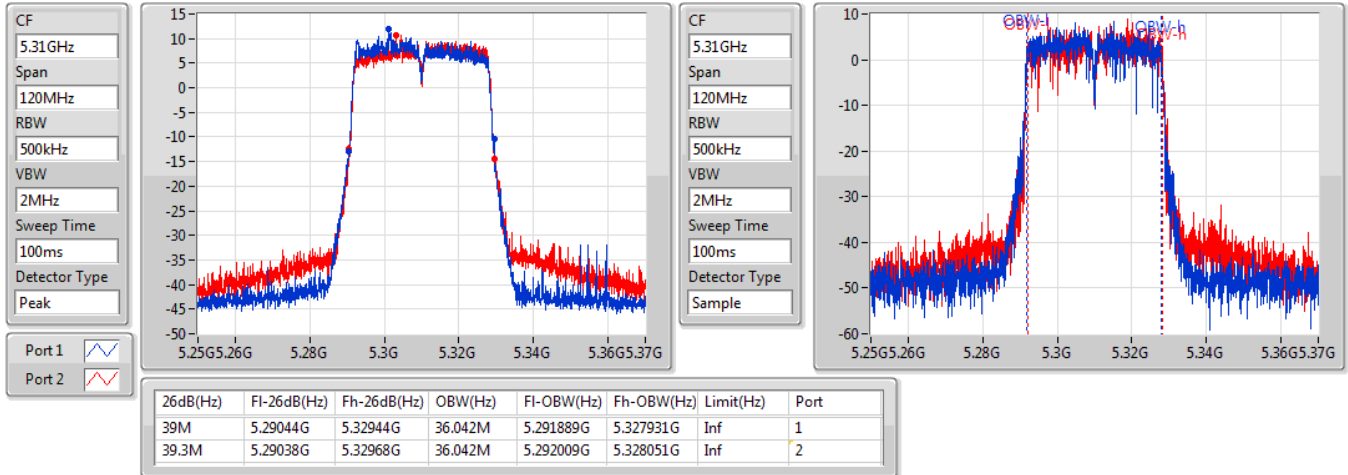

802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5270MHz

20/07/2019

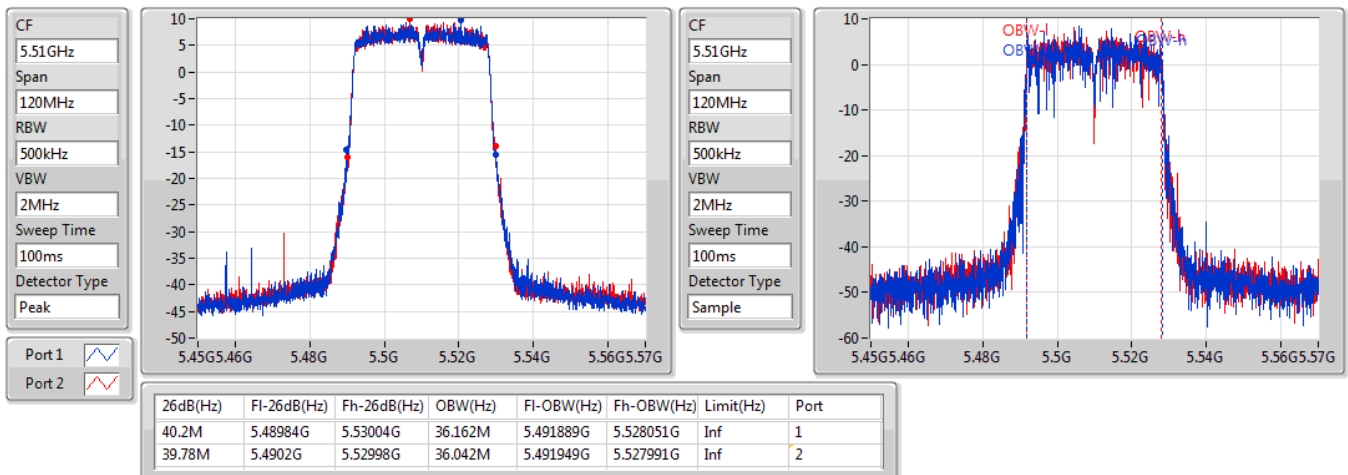


802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5310MHz

20/07/2019


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

20/07/2019

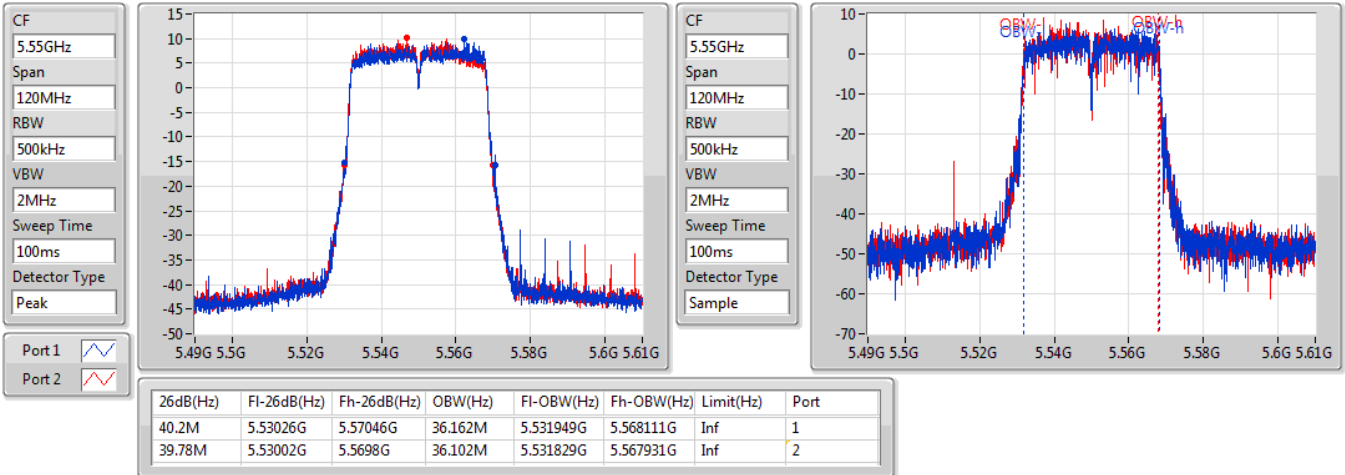


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5550MHz

20/07/2019

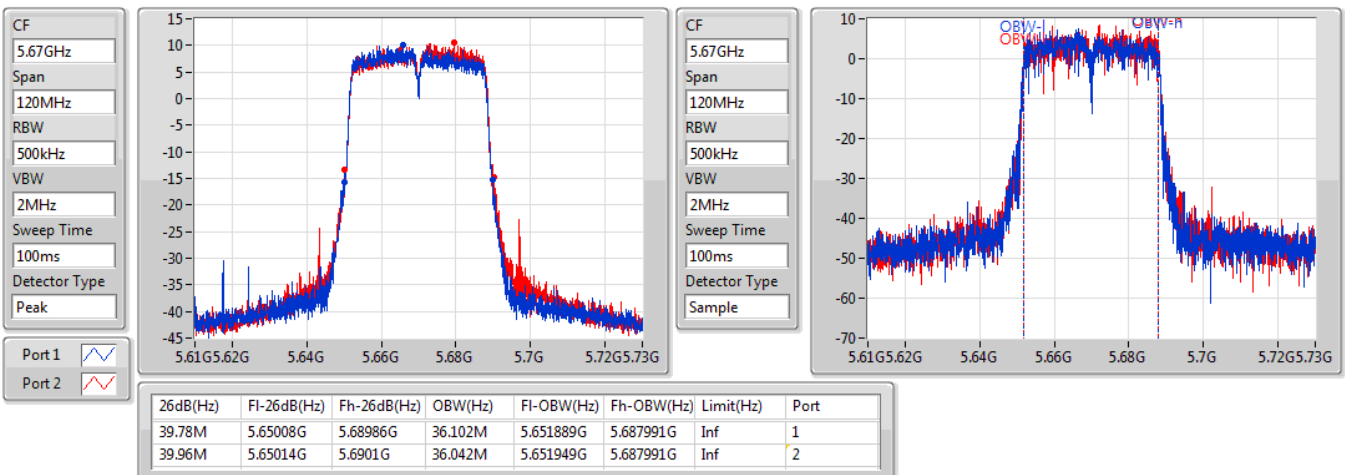


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

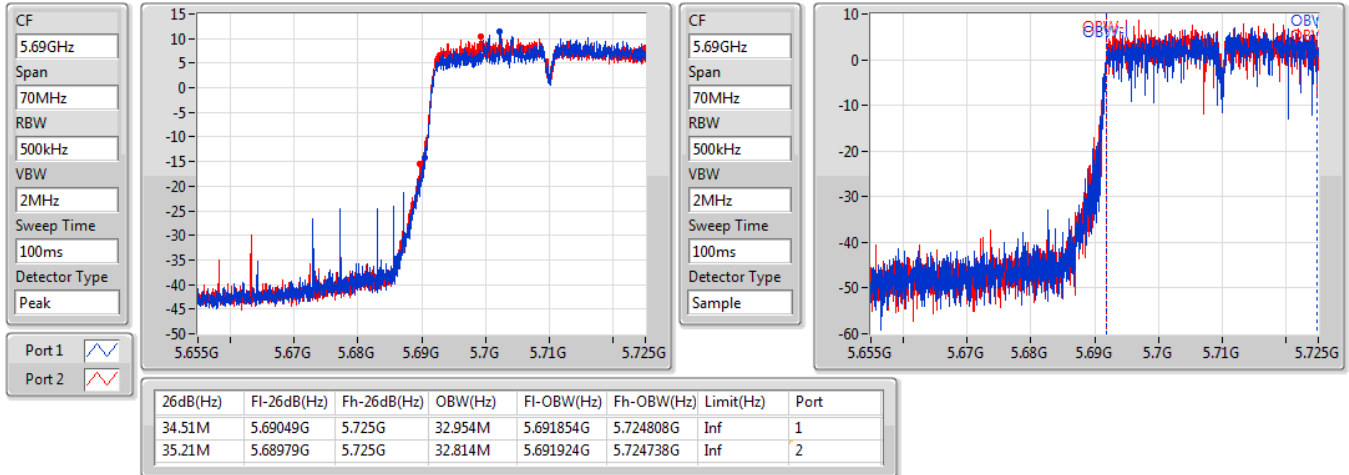
5670MHz

20/07/2019

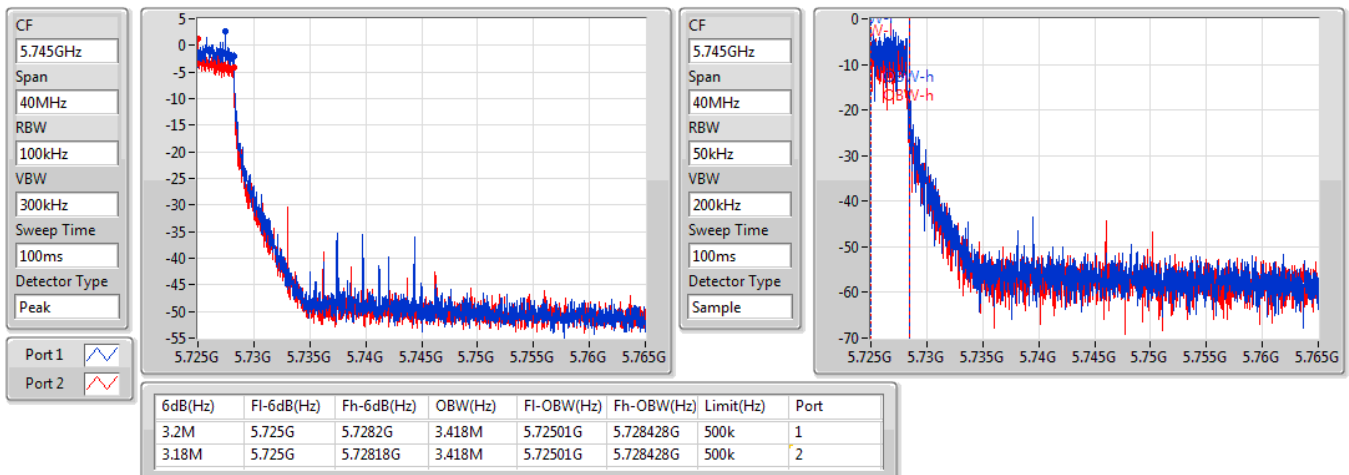


802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.47-5.725GHz

20/07/2019

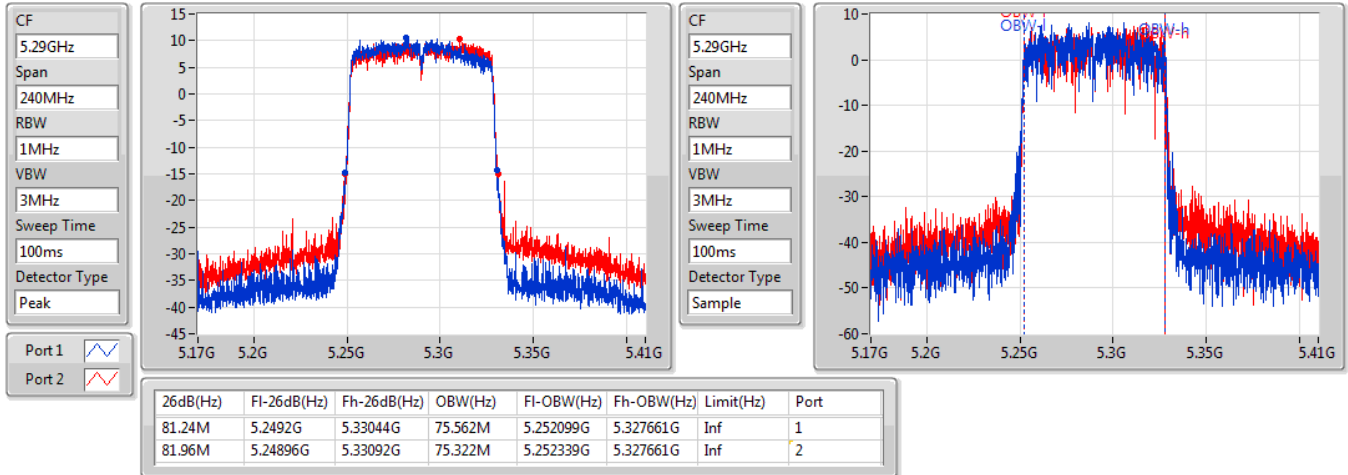

802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

20/07/2019

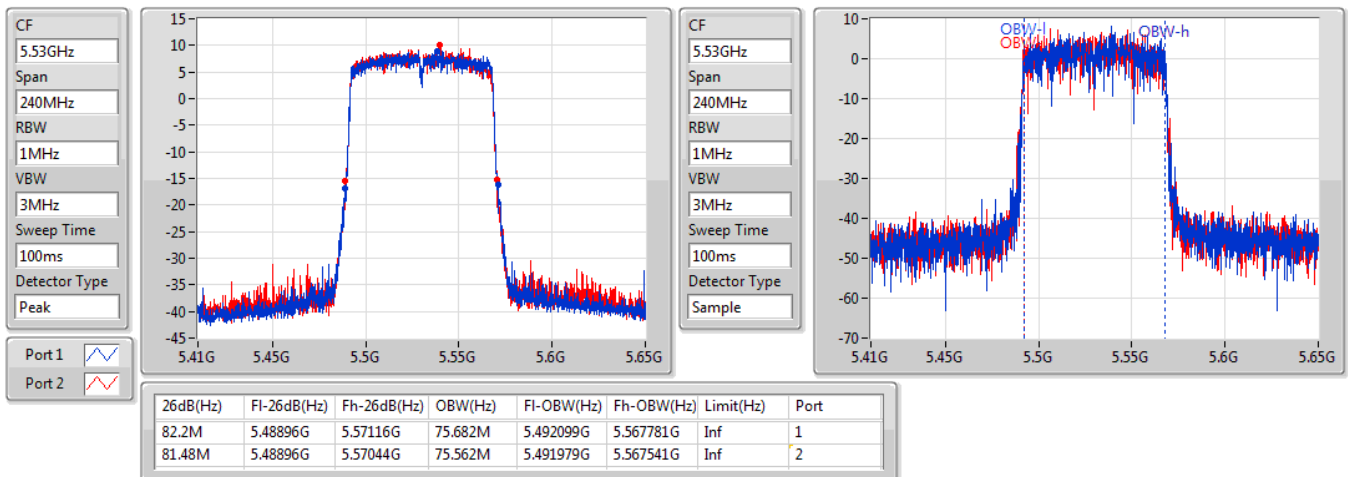


802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5290MHz

20/07/2019

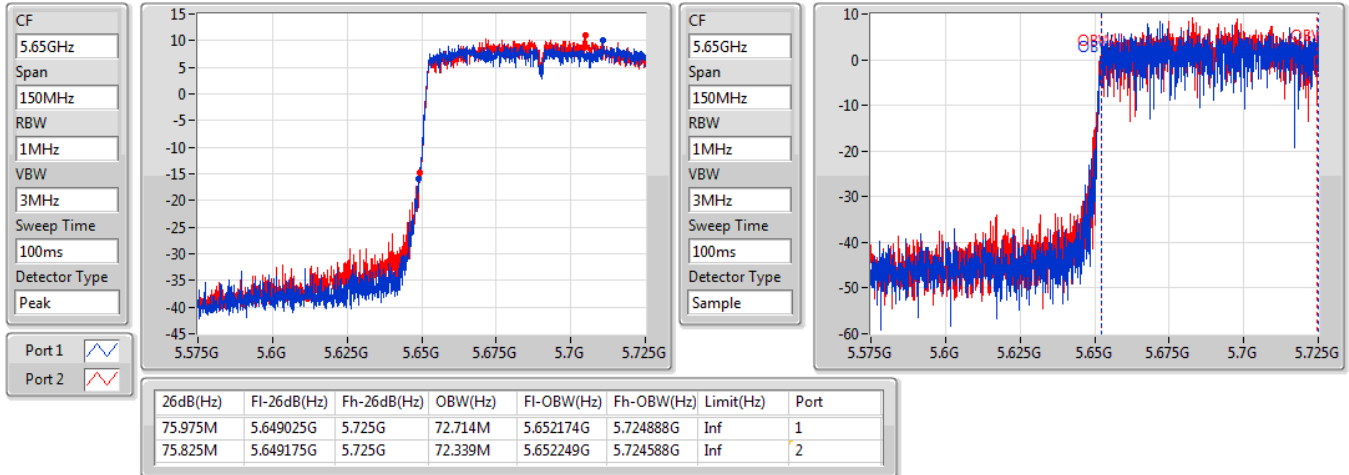

802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5530MHz

20/07/2019

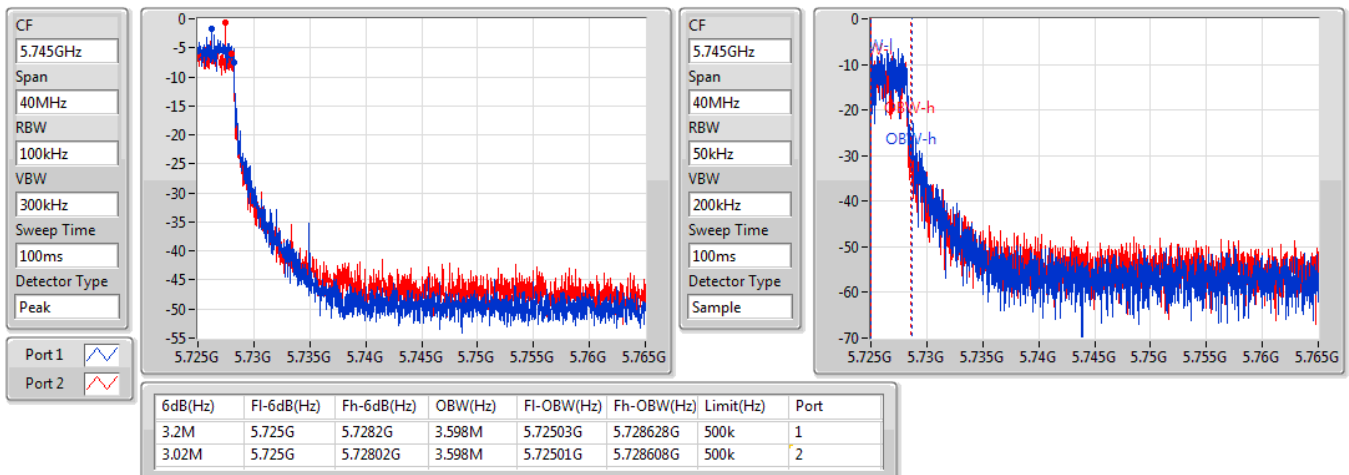


802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

20/07/2019


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

20/07/2019



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	39.12M	19.25M	19M2D1D	33.84M	17.841M
802.11ac VHT20_Nss1,(MCS0)_1TX	38.28M	19.22M	19M2D1D	34.44M	18.441M
802.11ac VHT40_Nss1,(MCS0)_1TX	65.4M	37.301M	37M3D1D	51.78M	36.402M
802.11ac VHT80_Nss1,(MCS0)_1TX	108.48M	76.282M	76M3D1D	108.48M	76.282M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	40.77M	19.97M	20M0D1D	21.81M	14.543M
802.11ac VHT20_Nss1,(MCS0)_1TX	39.48M	19.73M	19M7D1D	21.915M	14.588M
802.11ac VHT40_Nss1,(MCS0)_1TX	77.34M	38.501M	38M5D1D	52.85M	34.353M
802.11ac VHT80_Nss1,(MCS0)_1TX	126.45M	76.042M	76M0D1D	104.64M	73.763M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	3.12M	8.556M	8M56D1D	3.12M	8.556M
802.11ac VHT20_Nss1,(MCS0)_1TX	3.74M	7.656M	7M66D1D	3.74M	7.656M
802.11ac VHT40_Nss1,(MCS0)_1TX	3.12M	19.07M	19M1D1D	3.12M	19.07M
802.11ac VHT80_Nss1,(MCS0)_1TX	3.22M	31.364M	31M4D1D	3.22M	31.364M

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

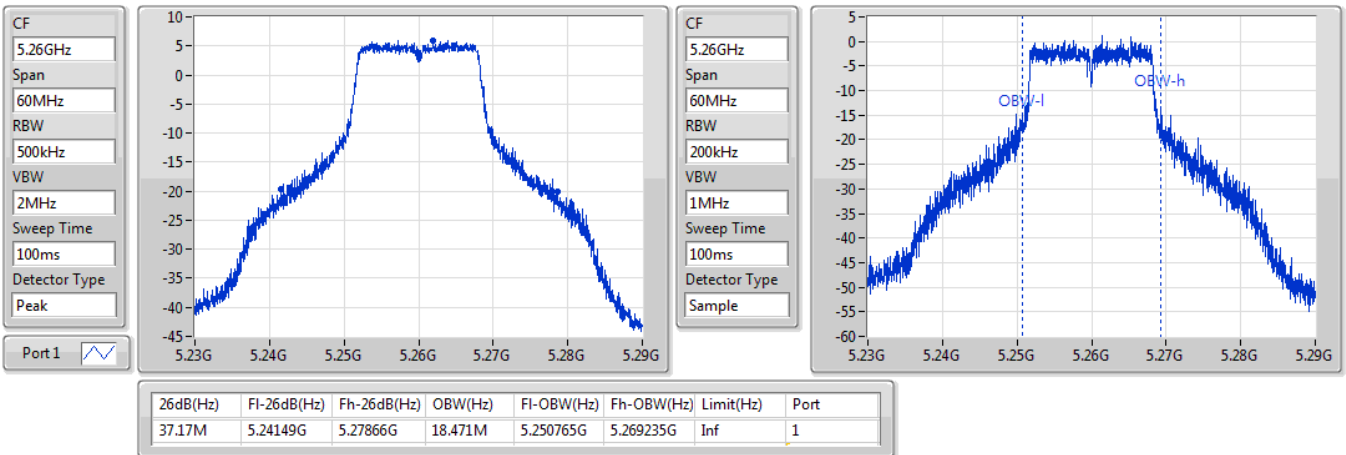
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5260MHz	Pass	Inf	37.17M	18.471M
5300MHz	Pass	Inf	39.12M	19.25M
5320MHz	Pass	Inf	33.84M	17.841M
5500MHz	Pass	Inf	40.77M	19.97M
5580MHz	Pass	Inf	37.74M	19.34M
5700MHz	Pass	Inf	37.5M	18.771M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	21.81M	14.543M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	8.556M
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-
5260MHz	Pass	Inf	34.44M	18.831M
5300MHz	Pass	Inf	38.28M	19.22M
5320MHz	Pass	Inf	35.37M	18.441M
5500MHz	Pass	Inf	39.48M	19.67M
5580MHz	Pass	Inf	39.45M	19.73M
5700MHz	Pass	Inf	37.26M	18.621M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	21.915M	14.588M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.74M	7.656M
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-
5270MHz	Pass	Inf	65.4M	37.301M
5310MHz	Pass	Inf	51.78M	36.402M
5510MHz	Pass	Inf	55.86M	36.522M
5550MHz	Pass	Inf	77.34M	38.381M
5670MHz	Pass	Inf	76.14M	38.501M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	52.85M	34.353M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	19.07M
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-
5290MHz	Pass	Inf	108.48M	76.282M
5530MHz	Pass	Inf	104.64M	76.042M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	126.45M	73.763M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.22M	31.364M

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

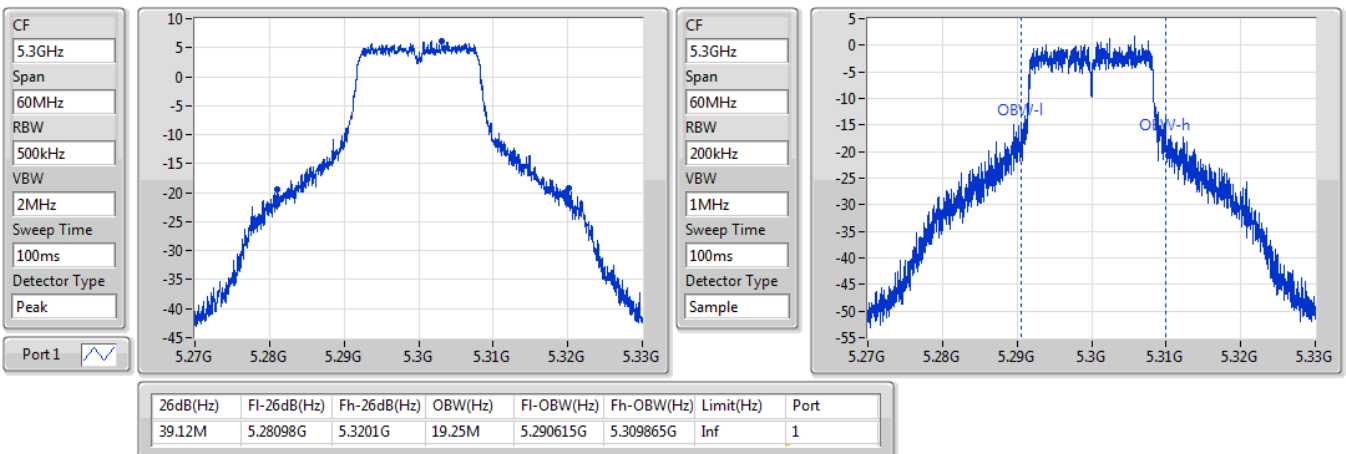
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_1TX
EBW
5260MHz

04/07/2019

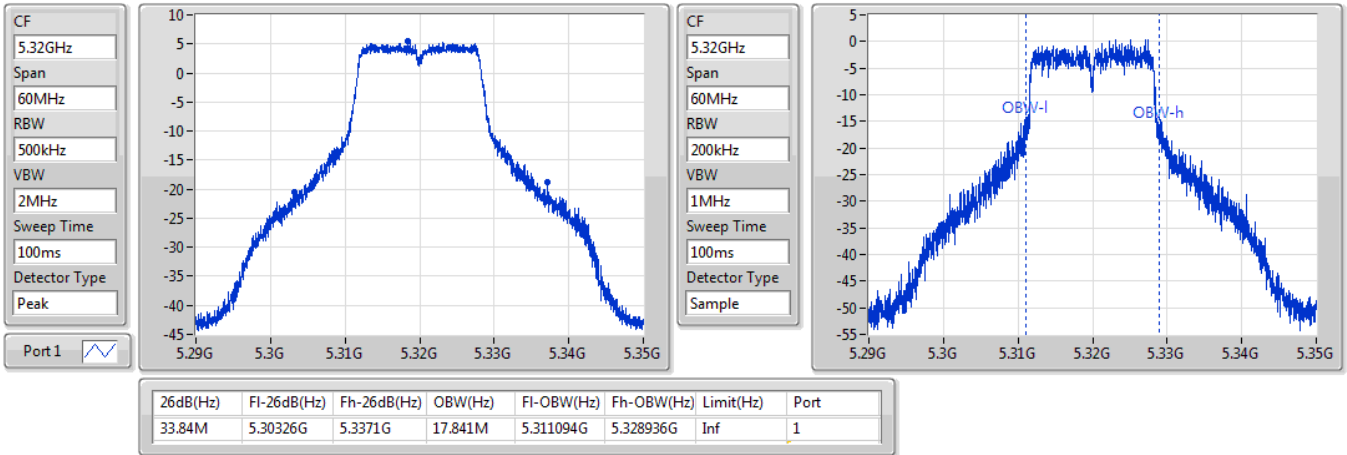

802.11a_Nss1,(6Mbps)_1TX
EBW
5300MHz

04/07/2019

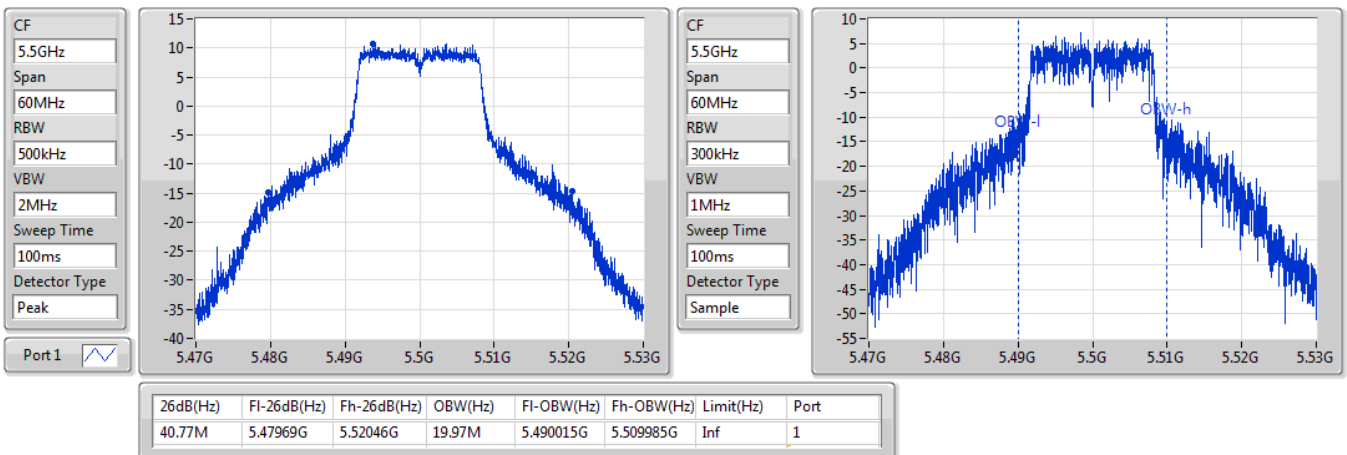


802.11a_Nss1,(6Mbps)_1TX
EBW
5320MHz

04/07/2019

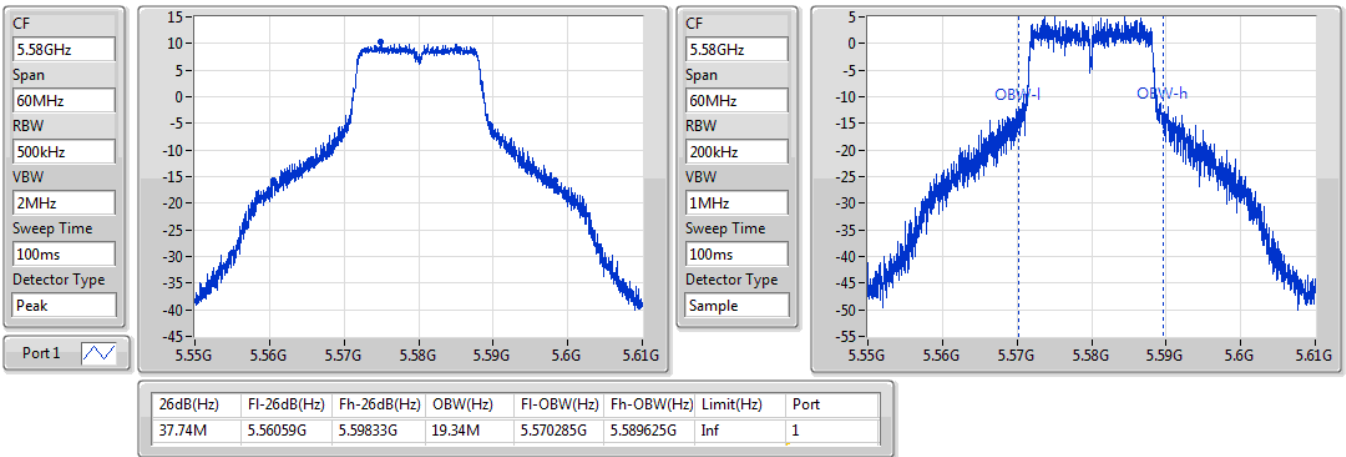

802.11a_Nss1,(6Mbps)_1TX
EBW
5500MHz

18/07/2019

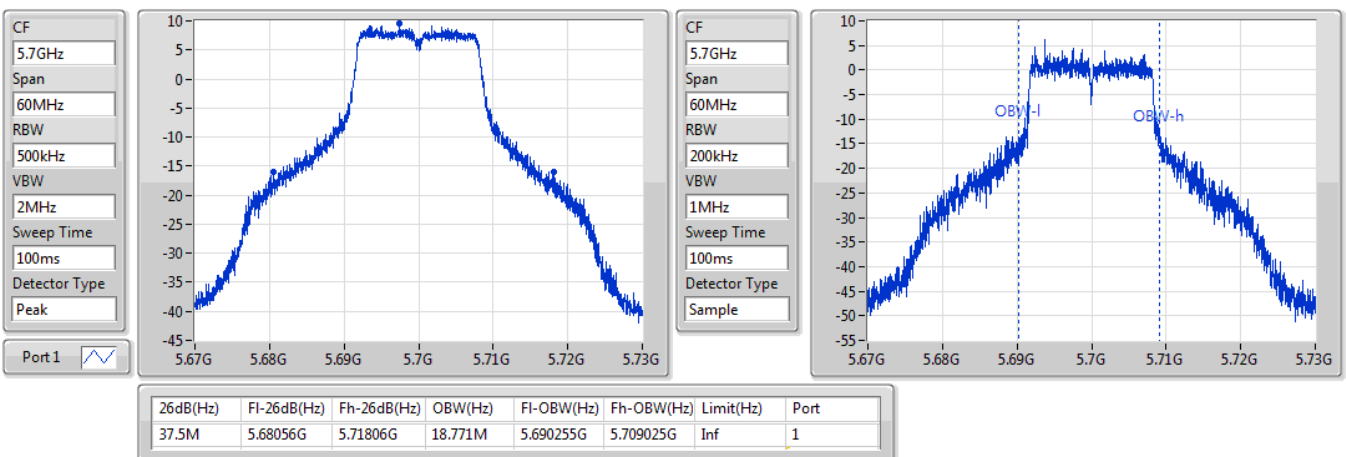


802.11a_Nss1,(6Mbps)_1TX
EBW
5580MHz

04/07/2019

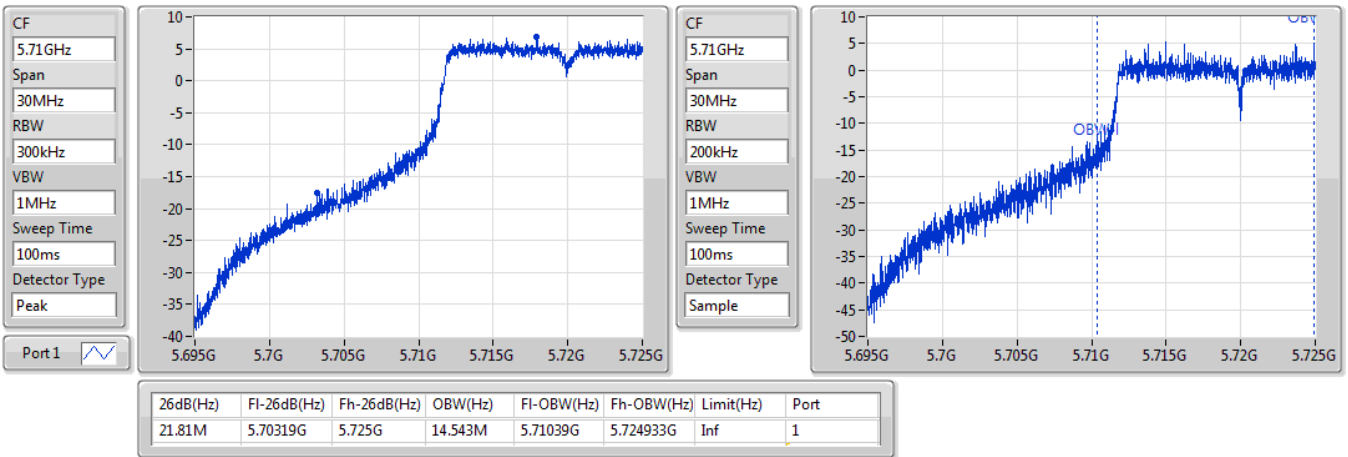

802.11a_Nss1,(6Mbps)_1TX
EBW
5700MHz

04/07/2019

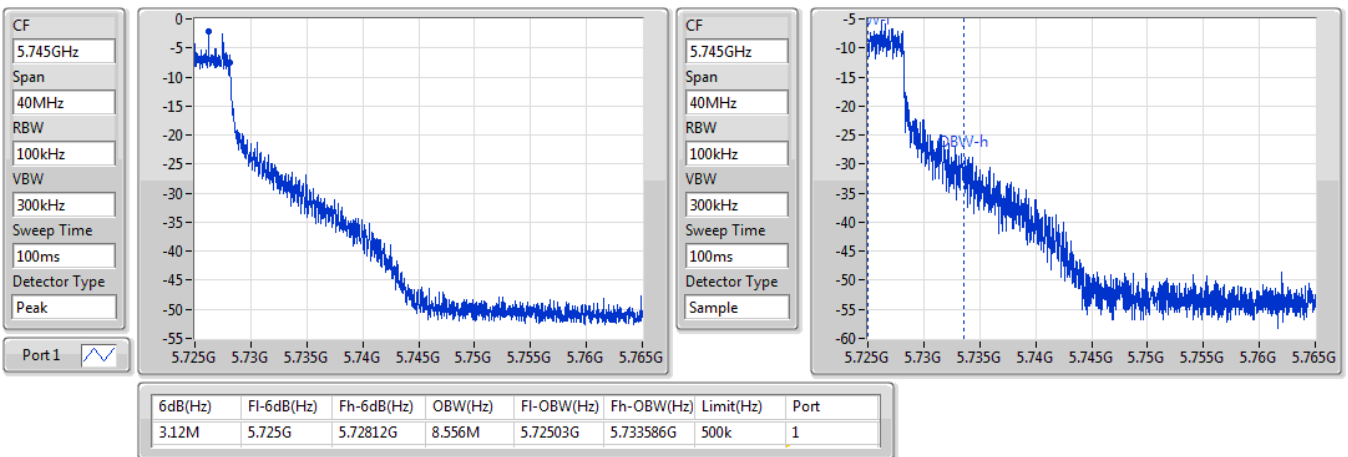


802.11a_Nss1,(6Mbps)_1TX
EBW
5720MHz Straddle 5.47-5.725GHz

04/07/2019

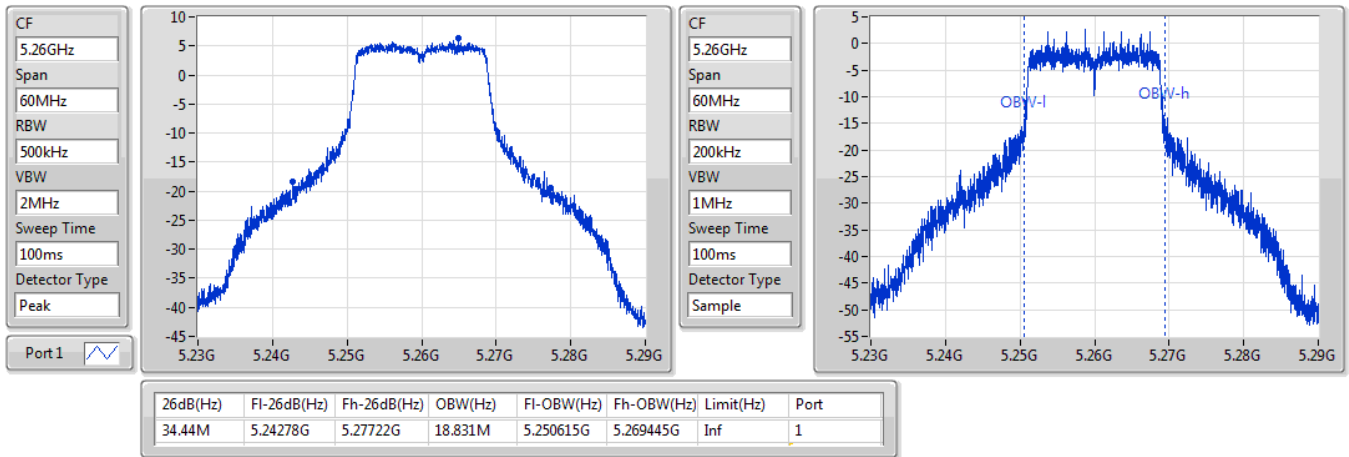

802.11a_Nss1,(6Mbps)_1TX
EBW
5720MHz Straddle 5.725-5.85GHz

04/07/2019

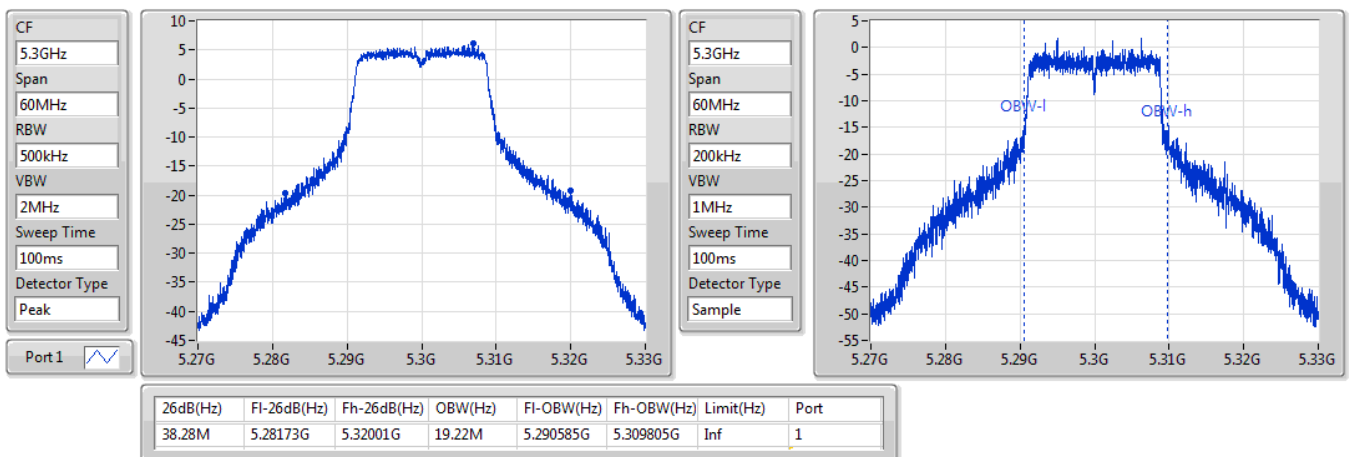


802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5260MHz

04/07/2019

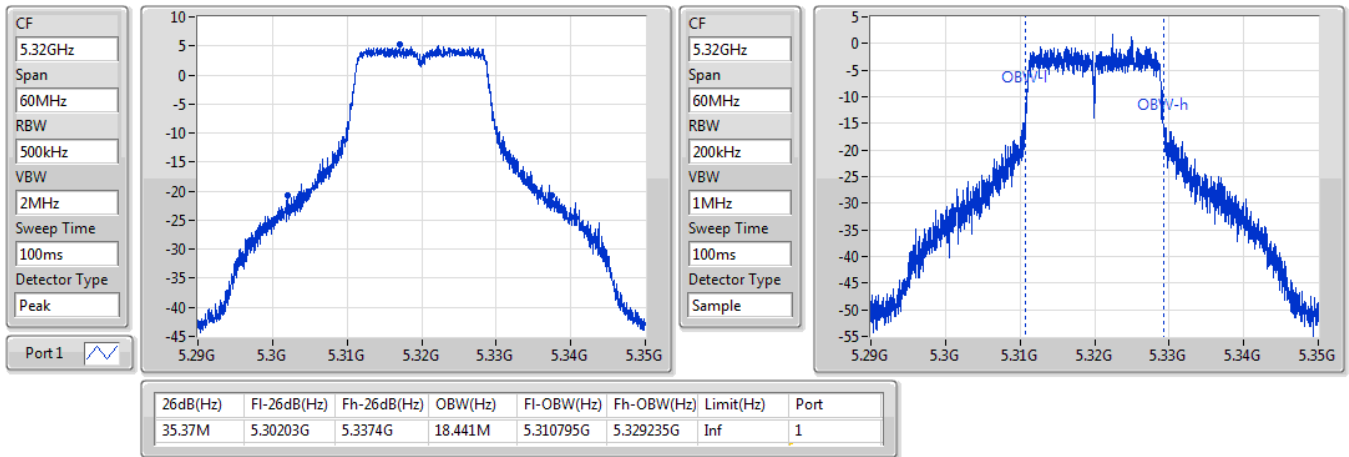

802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5300MHz

04/07/2019

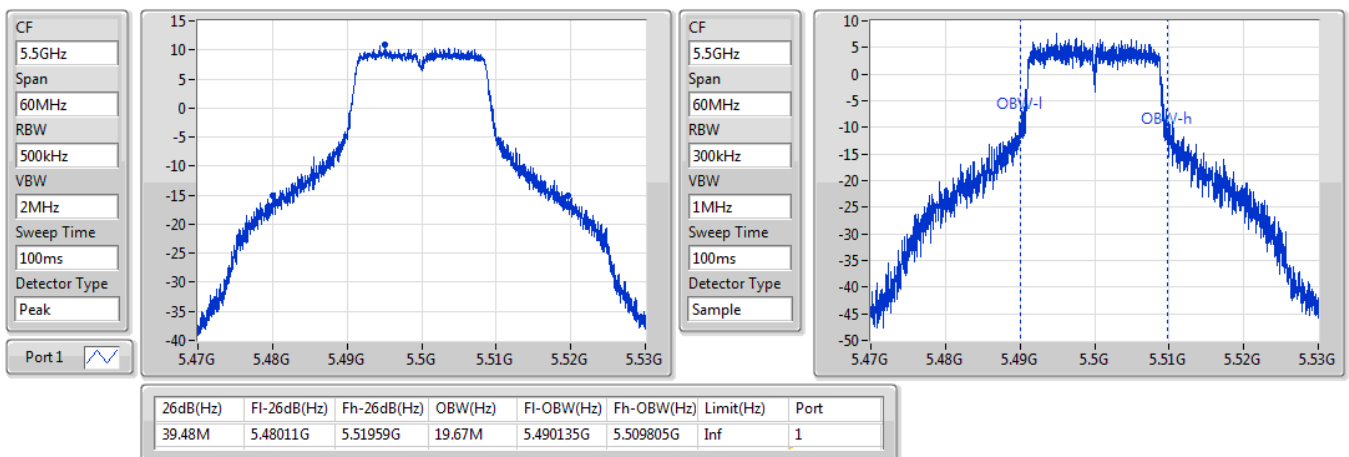


802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5320MHz

04/07/2019


802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5500MHz

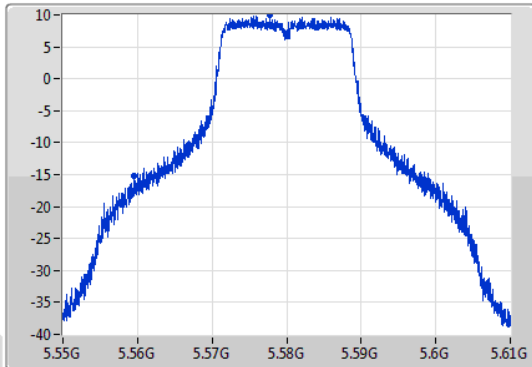
04/07/2019



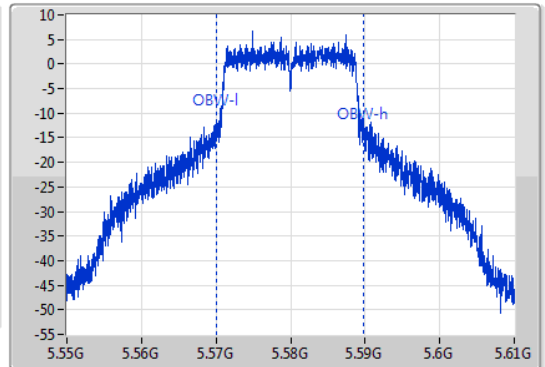
802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5580MHz

04/07/2019

CF
5.58GHz
Span
60MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak
Port 1



CF
5.58GHz
Span
60MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample

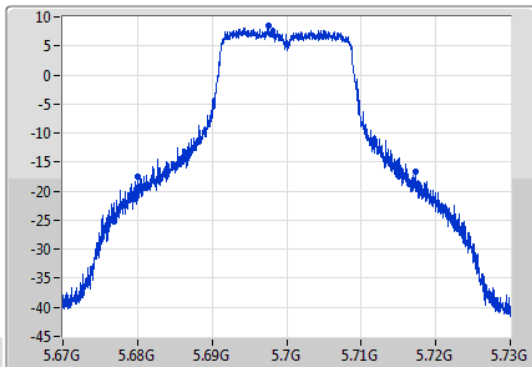


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.45M	5.55957G	5.59902G	19.73M	5.570015G	5.589745G	Inf	1

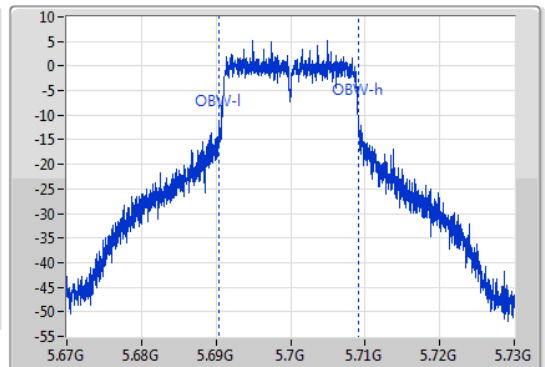
802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5700MHz

04/07/2019

CF
5.7GHz
Span
60MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak
Port 1



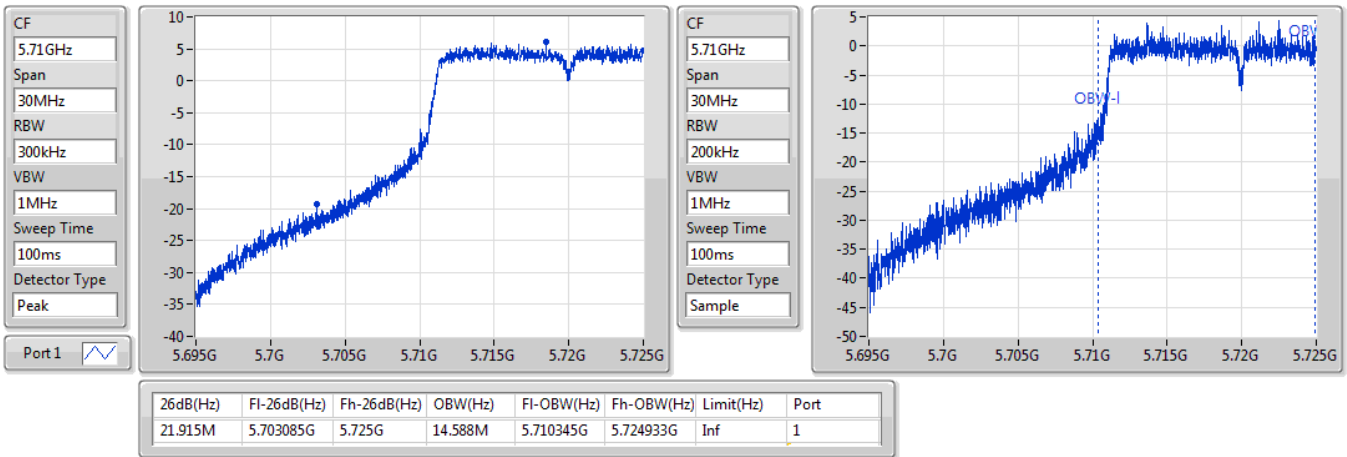
CF
5.7GHz
Span
60MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



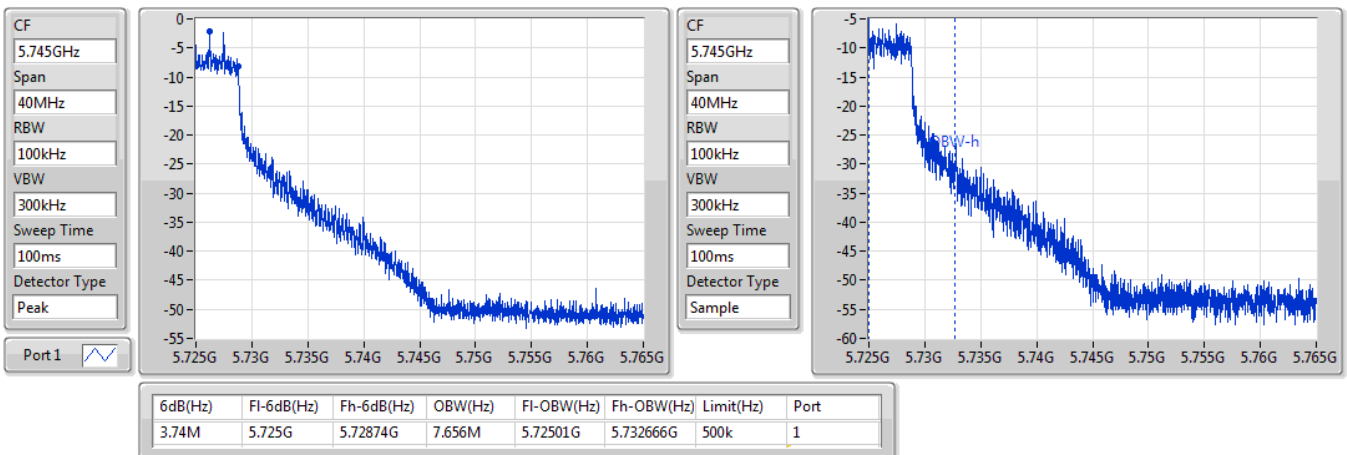
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.26M	5.68002G	5.71728G	18.621M	5.690435G	5.709055G	Inf	1

802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5720MHz Straddle 5.47-5.725GHz

04/07/2019

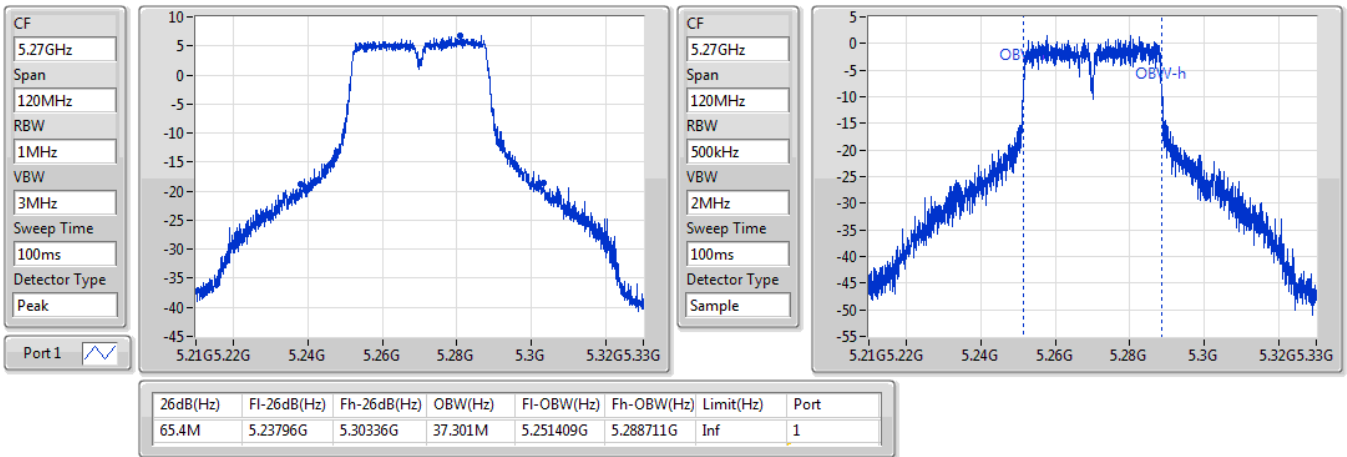

802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5720MHz Straddle 5.725-5.85GHz

04/07/2019

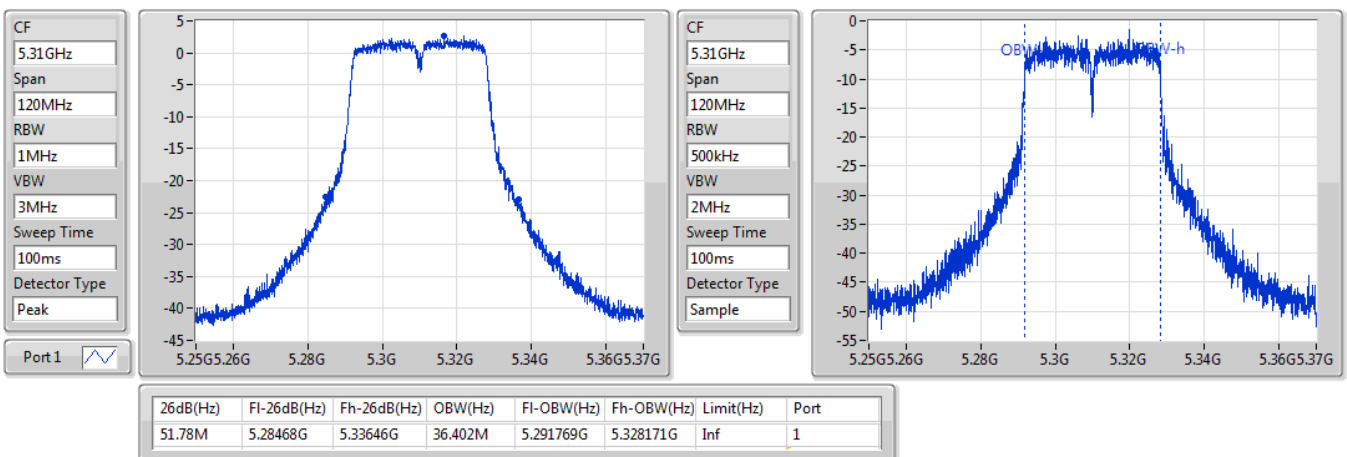


802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5270MHz

04/07/2019

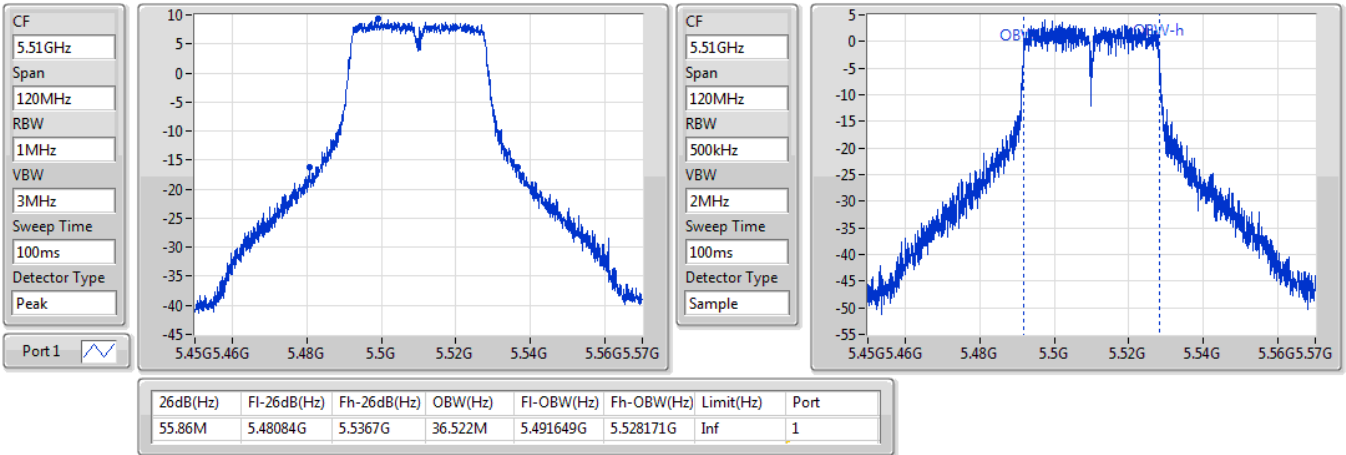

802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5310MHz

04/07/2019

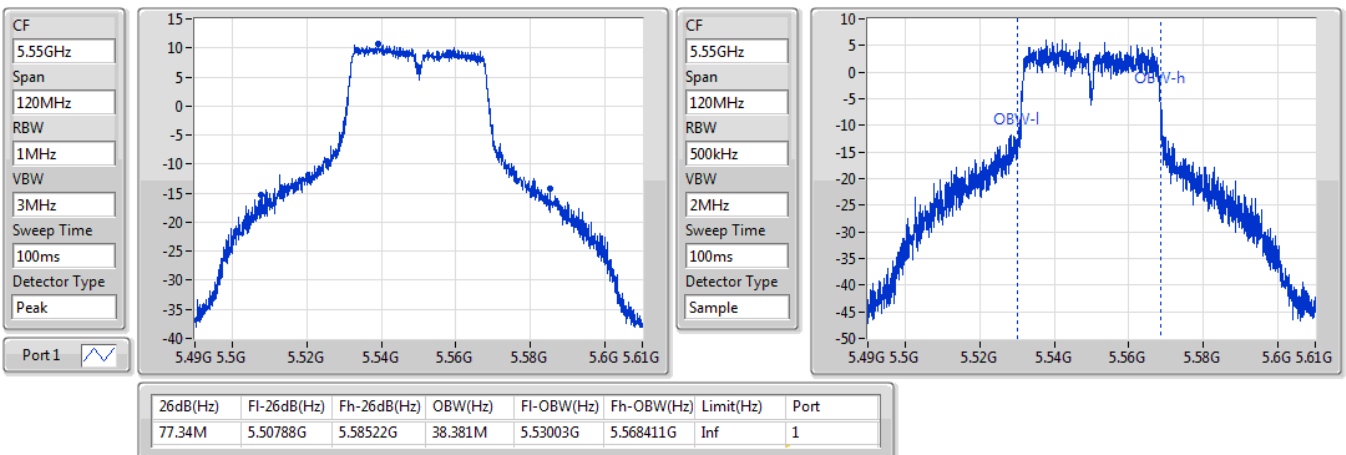


802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5510MHz

04/07/2019

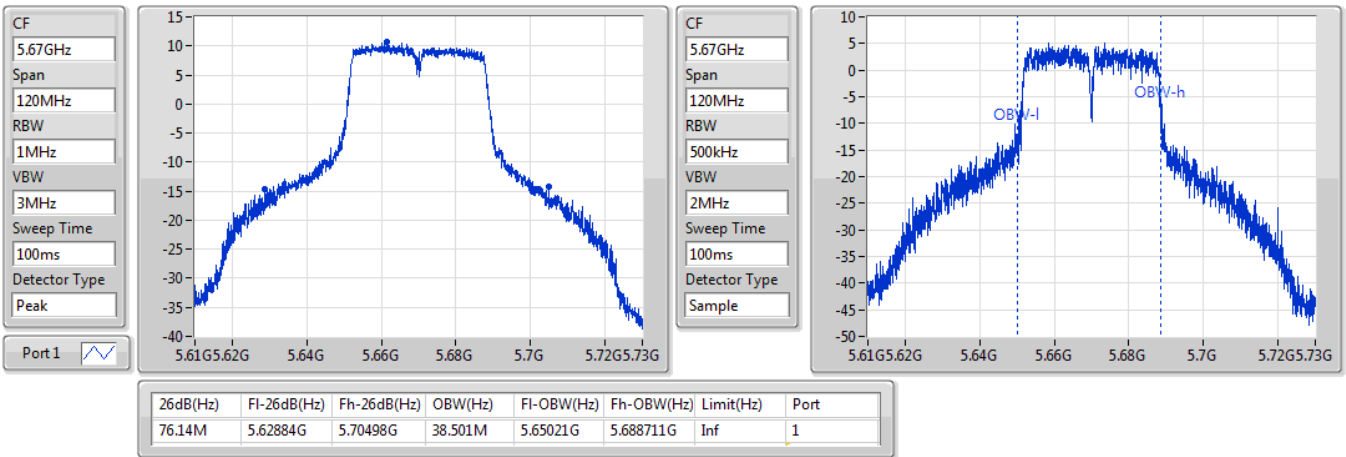

802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5550MHz

04/07/2019

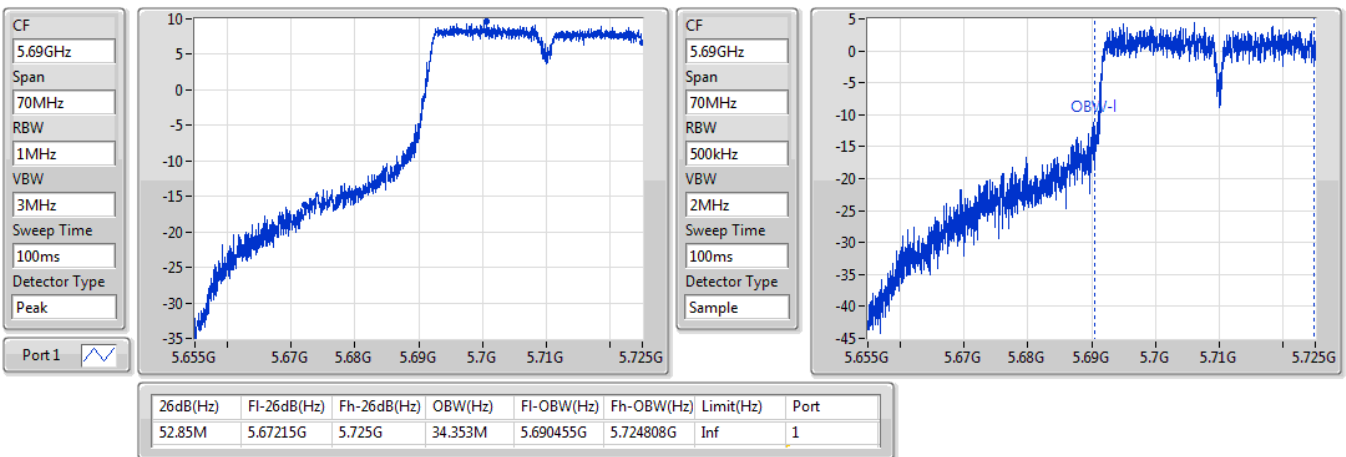


802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5670MHz

04/07/2019

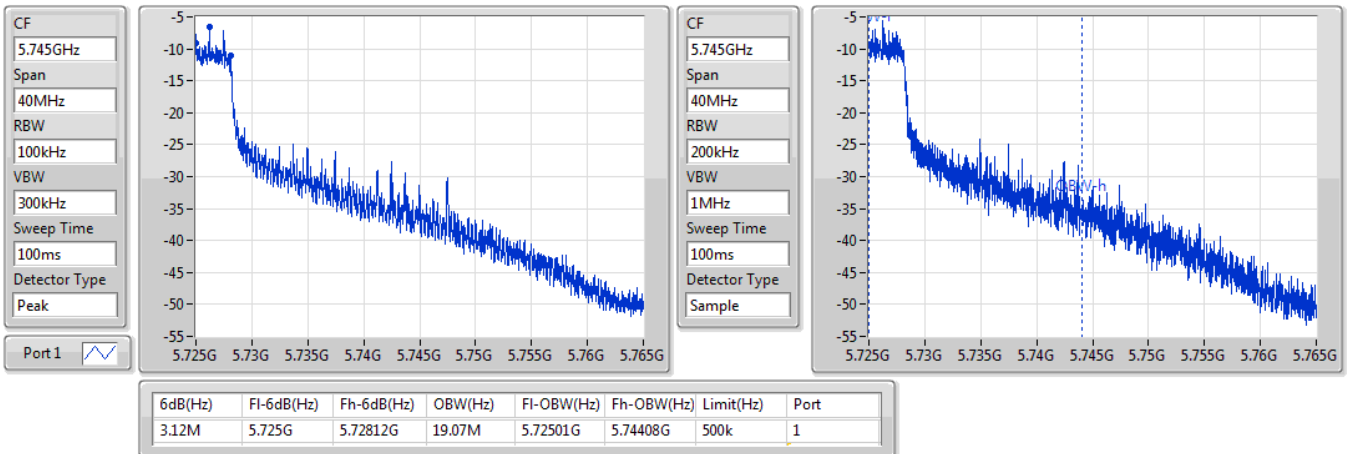

802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5710MHz Straddle 5.47-5.725GHz

04/07/2019

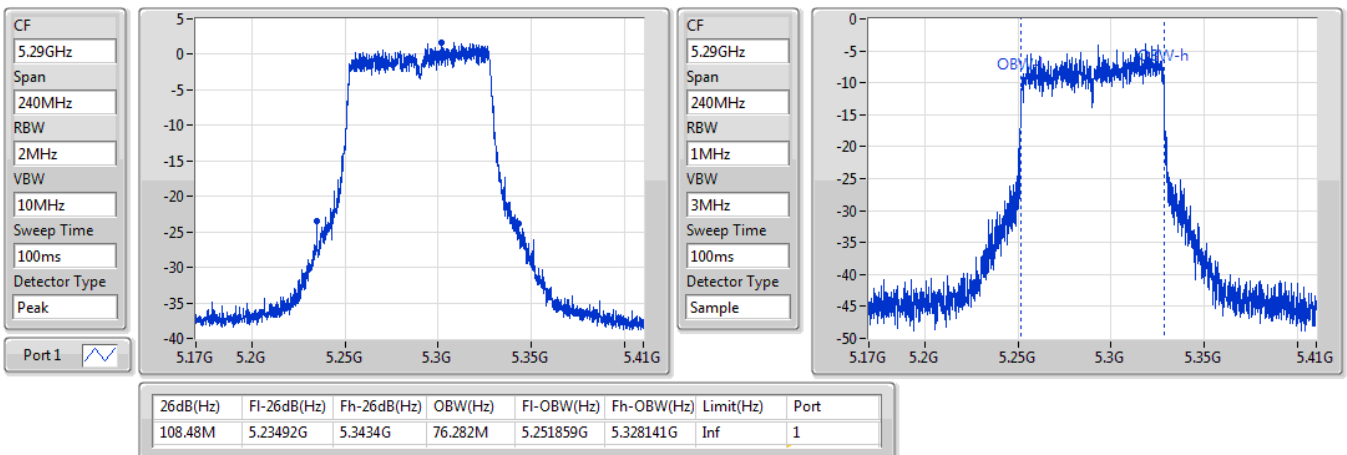


802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5710MHz Straddle 5.725-5.85GHz

04/07/2019

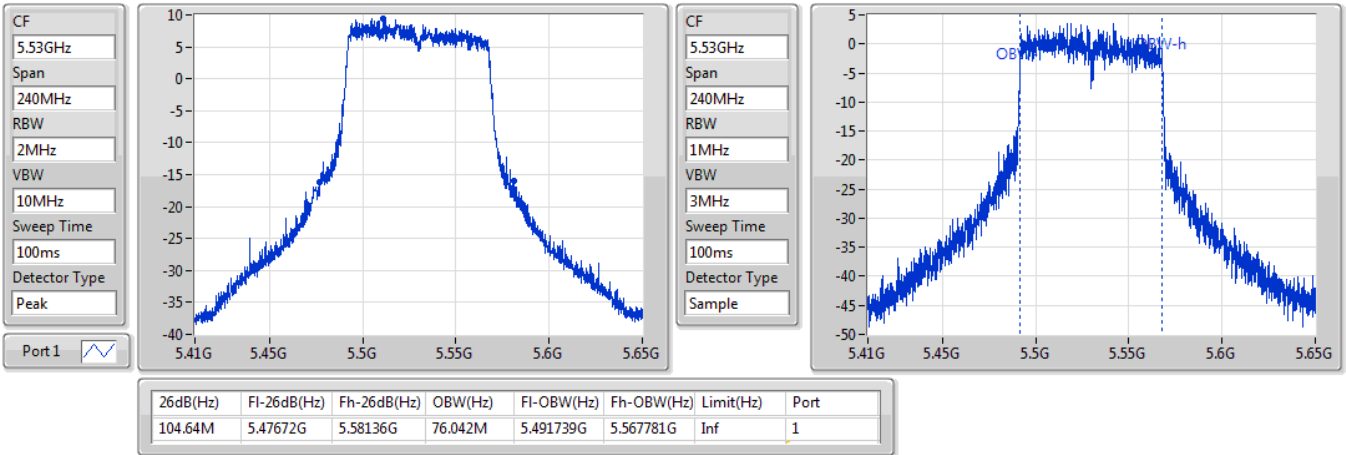

802.11ac VHT80_Nss1,(MCS0)_1TX
EBW
5290MHz

04/07/2019

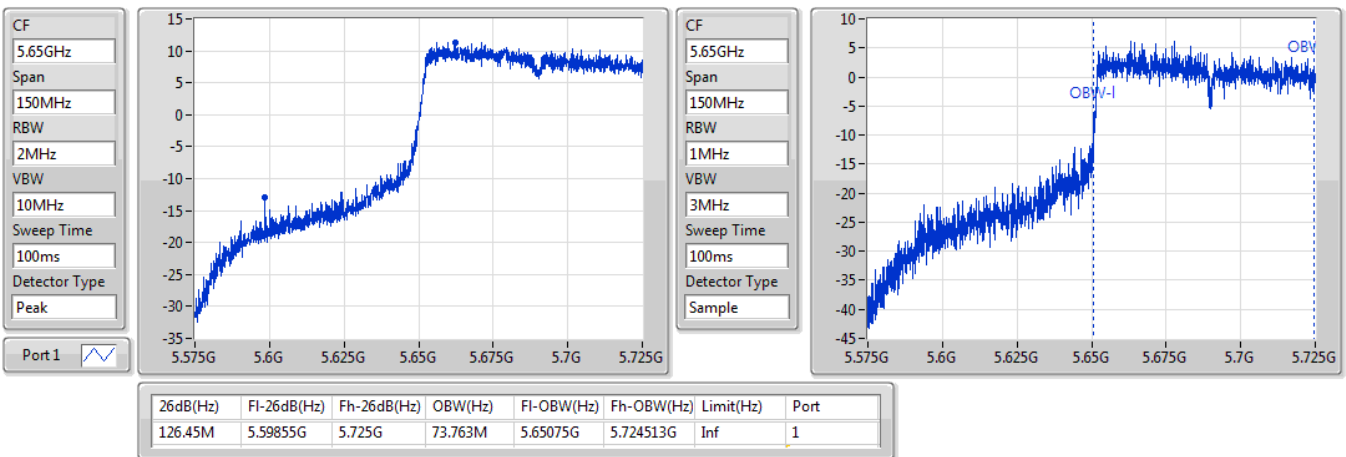


802.11ac VHT80_Nss1,(MCS0)_1TX
EBW
5530MHz

04/07/2019


802.11ac VHT80_Nss1,(MCS0)_1TX
EBW
5690MHz Straddle 5.47-5.725GHz

04/07/2019

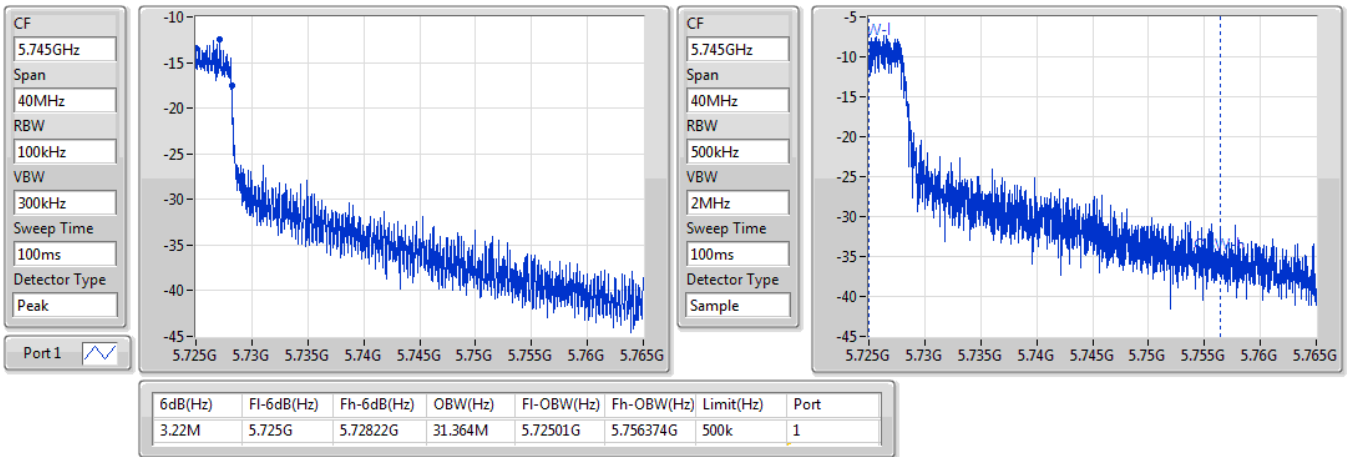


802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

5690MHz Straddle 5.725-5.85GHz

04/07/2019



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port1)	19.17	0.08260	23.84	0.24210
802.11a_Nss1,(6Mbps)_1TX(Port2)	18.72	0.07447	23.63	0.23067
802.11a_Nss1,(6Mbps)_2TX	21.78	0.15066	26.69	0.46666
802.11ac VHT20_Nss1,(MCS0)_1TX(Port1)	19.37	0.08650	24.04	0.25351
802.11ac VHT20_Nss1,(MCS0)_1TX(Port2)	18.66	0.07345	23.57	0.22751
802.11ac VHT20_Nss1,(MCS0)_2TX	21.95	0.15668	26.86	0.48529
802.11ac VHT40_Nss1,(MCS0)_1TX(Port1)	19.11	0.08147	23.78	0.23878
802.11ac VHT40_Nss1,(MCS0)_1TX(Port2)	18.78	0.07551	23.69	0.23388
802.11ac VHT40_Nss1,(MCS0)_2TX	21.96	0.15704	26.87	0.48641
802.11ac VHT80_Nss1,(MCS0)_1TX(Port1)	17.06	0.05082	21.73	0.14894
802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)	17.20	0.05248	22.11	0.16255
802.11ac VHT80_Nss1,(MCS0)_2TX	18.74	0.07482	23.65	0.23174
802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)	19.62	0.09162	24.29	0.26853
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	18.71	0.07430	23.62	0.23014
802.11ax HEW20_Nss1,(MCS0)_2TX	22.27	0.16866	27.18	0.52240
802.11ax HEW40_Nss1,(MCS0)_1TX(Port1)	19.35	0.08610	24.02	0.25235
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	18.90	0.07762	23.81	0.24044
802.11ax HEW40_Nss1,(MCS0)_2TX	22.05	0.16032	26.96	0.49659
802.11ax HEW80_Nss1,(MCS0)_1TX(Port1)	17.27	0.05333	21.94	0.15631
802.11ax HEW80_Nss1,(MCS0)_1TX(Port2)	17.54	0.05675	22.45	0.17579
802.11ax HEW80_Nss1,(MCS0)_2TX	19.09	0.08110	24.00	0.25119
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port1)	19.99	0.09977	25.28	0.33729
802.11a_Nss1,(6Mbps)_1TX(Port2)	19.57	0.09057	24.55	0.28510
802.11a_Nss1,(6Mbps)_2TX	21.58	0.14388	26.87	0.48641
802.11ac VHT20_Nss1,(MCS0)_1TX(Port1)	19.35	0.08610	24.64	0.29107
802.11ac VHT20_Nss1,(MCS0)_1TX(Port2)	18.96	0.07870	23.94	0.24774
802.11ac VHT20_Nss1,(MCS0)_2TX	21.37	0.13709	26.66	0.46345
802.11ac VHT40_Nss1,(MCS0)_1TX(Port1)	19.27	0.08453	24.56	0.28576
802.11ac VHT40_Nss1,(MCS0)_1TX(Port2)	18.82	0.07621	23.80	0.23988
802.11ac VHT40_Nss1,(MCS0)_2TX	22.16	0.16444	27.45	0.55590
802.11ac VHT80_Nss1,(MCS0)_1TX(Port1)	19.62	0.09162	24.91	0.30974
802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)	18.47	0.07031	23.45	0.22131
802.11ac VHT80_Nss1,(MCS0)_2TX	22.13	0.16331	27.42	0.55208
802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)	19.53	0.08974	24.82	0.30339
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	19.21	0.08337	24.19	0.26242
802.11ax HEW20_Nss1,(MCS0)_2TX	22.06	0.16069	27.35	0.54325
802.11ax HEW40_Nss1,(MCS0)_1TX(Port1)	19.56	0.09036	24.85	0.30549
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	19.06	0.08054	24.04	0.25351
802.11ax HEW40_Nss1,(MCS0)_2TX	22.33	0.17100	27.62	0.57810
802.11ax HEW80_Nss1,(MCS0)_1TX(Port1)	19.54	0.08995	24.83	0.30409
802.11ax HEW80_Nss1,(MCS0)_1TX(Port2)	18.38	0.06887	23.36	0.21677
802.11ax HEW80_Nss1,(MCS0)_2TX	22.04	0.15996	27.33	0.54075



Average Power_Radio 1_Non-Beamforming

Appendix B.1

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port1)	12.73	0.01875	17.50	0.05623
802.11a_Nss1,(6Mbps)_1TX(Port2)	12.45	0.01758	17.35	0.05433
802.11a_Nss1,(6Mbps)_2TX	14.77	0.02999	19.67	0.09268
802.11ac VHT20_Nss1,(MCS0)_1TX(Port1)	13.01	0.02000	17.78	0.05998
802.11ac VHT20_Nss1,(MCS0)_1TX(Port2)	12.71	0.01866	17.61	0.05768
802.11ac VHT20_Nss1,(MCS0)_2TX	14.47	0.02799	19.37	0.08650
802.11ac VHT40_Nss1,(MCS0)_1TX(Port1)	8.36	0.00685	13.13	0.02056
802.11ac VHT40_Nss1,(MCS0)_1TX(Port2)	8.07	0.00641	12.97	0.01982
802.11ac VHT40_Nss1,(MCS0)_2TX	11.23	0.01327	16.13	0.04102
802.11ac VHT80_Nss1,(MCS0)_1TX(Port1)	4.50	0.00282	9.27	0.00845
802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)	4.30	0.00269	9.20	0.00832
802.11ac VHT80_Nss1,(MCS0)_2TX	7.52	0.00565	12.42	0.01746
802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)	13.55	0.02265	18.32	0.06792
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	13.31	0.02143	18.21	0.06622
802.11ax HEW20_Nss1,(MCS0)_2TX	15.53	0.03573	20.43	0.11041
802.11ax HEW40_Nss1,(MCS0)_1TX(Port1)	9.28	0.00847	14.05	0.02541
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	8.96	0.00787	13.86	0.02432
802.11ax HEW40_Nss1,(MCS0)_2TX	12.12	0.01629	17.02	0.05035
802.11ax HEW80_Nss1,(MCS0)_1TX(Port1)	5.69	0.00371	10.46	0.01112
802.11ax HEW80_Nss1,(MCS0)_1TX(Port2)	5.42	0.00348	10.32	0.01076
802.11ax HEW80_Nss1,(MCS0)_2TX	8.67	0.00736	13.57	0.02275

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)_1TX(Port1)	-	-	-	-	-	-	-	-
5260MHz	Pass	4.67	19.17		19.17	23.95	23.84	29.95
5300MHz	Pass	4.67	19.10		19.10	24.00	23.77	30.00
5320MHz	Pass	4.67	19.17		19.17	24.00	23.84	30.00
5500MHz	Pass	5.29	19.99		19.99	24.00	25.28	30.00
5580MHz	Pass	5.29	19.45		19.45	24.00	24.74	30.00
5700MHz	Pass	5.29	18.40		18.40	23.99	23.69	29.99
5720MHz Straddle 5.47-5.725GHz	Pass	5.29	19.18		19.18	22.87	24.47	28.87
5720MHz Straddle 5.725-5.85GHz	Pass	4.77	12.73		12.73	30.00	17.50	36.00
802.11a_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-	-	-
5260MHz	Pass	4.91		18.72	18.72	23.93	23.63	29.93
5300MHz	Pass	4.91		18.54	18.54	24.00	23.45	30.00
5320MHz	Pass	4.91		18.68	18.68	24.00	23.59	30.00
5500MHz	Pass	4.98		19.57	19.57	24.00	24.55	30.00
5580MHz	Pass	4.98		18.83	18.83	24.00	23.81	30.00
5700MHz	Pass	4.98		17.64	17.64	23.95	22.62	29.95
5720MHz Straddle 5.47-5.725GHz	Pass	4.98		18.15	18.15	22.81	23.13	28.81
5720MHz Straddle 5.725-5.85GHz	Pass	4.90		12.45	12.45	30.00	17.35	36.00
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.91	18.88	18.33	21.62	23.95	26.53	29.95
5300MHz	Pass	4.91	19.11	18.40	21.78	24.00	26.69	30.00
5320MHz	Pass	4.91	18.79	18.34	21.58	24.00	26.49	30.00
5500MHz	Pass	5.29	18.87	18.24	21.58	24.01	26.87	30.01
5580MHz	Pass	5.29	18.77	18.09	21.45	24.00	26.74	30.00
5700MHz	Pass	5.29	17.92	16.66	20.35	23.83	25.64	29.83
5720MHz Straddle 5.47-5.725GHz	Pass	5.29	18.47	17.11	20.85	22.79	26.14	28.79
5720MHz Straddle 5.725-5.85GHz	Pass	4.90	11.92	11.59	14.77	30.00	19.67	36.00
802.11ac_VHT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-	-	-
5260MHz	Pass	4.67	19.02		19.02	24.00	23.69	30.00
5300MHz	Pass	4.67	19.04		19.04	24.00	23.71	30.00
5320MHz	Pass	4.67	19.37		19.37	24.00	24.04	30.00
5500MHz	Pass	5.29	19.00		19.00	24.00	24.29	30.00
5580MHz	Pass	5.29	19.35		19.35	24.00	24.64	30.00
5700MHz	Pass	5.29	18.26		18.26	24.00	23.55	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.29	19.02		19.02	23.01	24.31	29.01
5720MHz Straddle 5.725-5.85GHz	Pass	4.77	13.01		13.01	30.00	17.78	36.00
802.11ac_VHT20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-	-	-
5260MHz	Pass	4.91		18.66	18.66	24.00	23.57	30.00
5300MHz	Pass	4.91		18.46	18.46	24.00	23.37	30.00
5320MHz	Pass	4.91		18.58	18.58	24.00	23.49	30.00
5500MHz	Pass	4.98		18.96	18.96	24.00	23.94	30.00
5580MHz	Pass	4.98		18.73	18.73	24.00	23.71	30.00
5700MHz	Pass	4.98		17.94	17.94	24.00	22.92	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.98		17.81	17.81	22.90	22.79	28.90

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5720MHz Straddle 5.725-5.85GHz	Pass	4.90		12.71	12.71	30.00	17.61	36.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.91	19.06	18.66	21.87	24.00	26.78	30.00
5300MHz	Pass	4.91	18.96	18.38	21.69	24.00	26.60	30.00
5320MHz	Pass	4.91	19.27	18.59	21.95	24.00	26.86	30.00
5500MHz	Pass	5.29	18.15	17.77	20.97	24.00	26.26	30.00
5580MHz	Pass	5.29	18.69	18.01	21.37	24.00	26.66	30.00
5700MHz	Pass	5.29	17.18	16.12	19.69	24.00	24.98	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.29	17.72	17.32	20.53	22.89	25.82	28.89
5720MHz Straddle 5.725-5.85GHz	Pass	4.90	11.59	11.32	14.47	30.00	19.37	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-	-	-
5270MHz	Pass	4.67	19.11		19.11	24.00	23.78	30.00
5310MHz	Pass	4.67	17.51		17.51	24.00	22.18	30.00
5510MHz	Pass	5.29	17.06		17.06	24.00	22.35	30.00
5550MHz	Pass	5.29	19.27		19.27	24.00	24.56	30.00
5670MHz	Pass	5.29	19.15		19.15	24.00	24.44	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.29	19.26		19.26	24.00	24.55	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.77	8.36		8.36	30.00	13.13	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-	-	-
5270MHz	Pass	4.91		18.78	18.78	24.00	23.69	30.00
5310MHz	Pass	4.91		17.66	17.66	24.00	22.57	30.00
5510MHz	Pass	4.98		17.68	17.68	24.00	22.66	30.00
5550MHz	Pass	4.98		18.82	18.82	24.00	23.80	30.00
5670MHz	Pass	4.98		18.46	18.46	24.00	23.44	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.98		18.14	18.14	24.00	23.12	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.90		8.07	8.07	30.00	12.97	36.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	4.91	19.16	18.72	21.96	24.00	26.87	30.00
5310MHz	Pass	4.91	16.65	15.54	19.14	24.00	24.05	30.00
5510MHz	Pass	5.29	17.18	16.70	19.96	24.00	25.25	30.00
5550MHz	Pass	5.29	19.46	18.82	22.16	24.00	27.45	30.00
5670MHz	Pass	5.29	18.50	17.54	21.06	24.00	26.35	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.29	19.44	18.17	21.86	24.00	27.15	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.90	8.29	8.14	11.23	30.00	16.13	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-	-	-
5290MHz	Pass	4.67	17.06		17.06	24.00	21.73	30.00
5530MHz	Pass	5.29	16.76		16.76	24.00	22.05	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.29	19.62		19.62	24.00	24.91	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.77	4.50		4.50	30.00	9.27	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-	-	-
5290MHz	Pass	4.91		17.20	17.20	24.00	22.11	30.00
5530MHz	Pass	4.98		17.47	17.47	24.00	22.45	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.98		18.47	18.47	24.00	23.45	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.90		4.30	4.30	30.00	9.20	36.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5290MHz	Pass	4.91	16.12	15.30	18.74	24.00	23.65	30.00
5530MHz	Pass	5.29	15.99	15.58	18.80	24.00	24.09	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.29	19.67	18.48	22.13	24.00	27.42	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.90	4.73	4.27	7.52	30.00	12.42	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-	-	-
5260MHz	Pass	4.67	19.32		19.32	24.00	23.99	30.00
5300MHz	Pass	4.67	19.27		19.27	24.00	23.94	30.00
5320MHz	Pass	4.67	19.62		19.62	24.00	24.29	30.00
5500MHz	Pass	5.29	19.28		19.28	24.00	24.57	30.00
5580MHz	Pass	5.29	19.53		19.53	24.00	24.82	30.00
5700MHz	Pass	5.29	18.47		18.47	24.00	23.76	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.29	19.11		19.11	23.17	24.40	29.17
5720MHz Straddle 5.725-5.85GHz	Pass	4.77	13.55		13.55	30.00	18.32	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-	-	-
5260MHz	Pass	4.91		18.55	18.55	24.00	23.46	30.00
5300MHz	Pass	4.91		18.61	18.61	24.00	23.52	30.00
5320MHz	Pass	4.91		18.71	18.71	24.00	23.62	30.00
5500MHz	Pass	4.98		19.21	19.21	24.00	24.19	30.00
5580MHz	Pass	4.98		18.95	18.95	24.00	23.93	30.00
5700MHz	Pass	4.98		18.18	18.18	24.00	23.16	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.98		17.99	17.99	23.02	22.97	29.02
5720MHz Straddle 5.725-5.85GHz	Pass	4.90		13.31	13.31	30.00	18.21	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.91	19.32	18.56	21.97	24.00	26.88	30.00
5300MHz	Pass	4.91	19.28	18.58	21.95	24.00	26.86	30.00
5320MHz	Pass	4.91	19.65	18.84	22.27	24.00	27.18	30.00
5500MHz	Pass	5.29	18.46	18.03	21.26	24.00	26.55	30.00
5580MHz	Pass	5.29	19.34	18.74	22.06	24.00	27.35	30.00
5700MHz	Pass	5.29	17.66	16.34	20.06	24.00	25.35	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.29	18.28	17.93	21.12	23.03	26.41	29.03
5720MHz Straddle 5.725-5.85GHz	Pass	4.90	12.64	12.39	15.53	30.00	20.43	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-	-	-
5270MHz	Pass	4.67	19.35		19.35	24.00	24.02	30.00
5310MHz	Pass	4.67	17.63		17.63	24.00	22.30	30.00
5510MHz	Pass	5.29	17.46		17.46	24.00	22.75	30.00
5550MHz	Pass	5.29	19.56		19.56	24.00	24.85	30.00
5670MHz	Pass	5.29	19.54		19.54	24.00	24.83	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.29	19.49		19.49	24.00	24.78	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.77	9.28		9.28	30.00	14.05	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-	-	-
5270MHz	Pass	4.91		18.90	18.90	24.00	23.81	30.00
5310MHz	Pass	4.91		17.81	17.81	24.00	22.72	30.00
5510MHz	Pass	4.98		18.02	18.02	24.00	23.00	30.00
5550MHz	Pass	4.98		19.06	19.06	24.00	24.04	30.00
5670MHz	Pass	4.98		18.61	18.61	24.00	23.59	30.00



Average Power_Radio 1_Non-Beamforming

Appendix B.1

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5710MHz Straddle 5.47-5.725GHz	Pass	4.98		18.18	18.18	24.00	23.16	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.90		8.96	8.96	30.00	13.86	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	4.91	19.23	18.84	22.05	24.00	26.96	30.00
5310MHz	Pass	4.91	16.78	15.86	19.35	24.00	24.26	30.00
5510MHz	Pass	5.29	17.44	17.04	20.25	24.00	25.54	30.00
5550MHz	Pass	5.29	19.59	19.03	22.33	24.00	27.62	30.00
5670MHz	Pass	5.29	18.72	17.67	21.24	24.00	26.53	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.29	19.50	18.21	21.91	24.00	27.20	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.90	9.23	8.98	12.12	30.00	17.02	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-	-	-
5290MHz	Pass	4.67	17.27		17.27	24.00	21.94	30.00
5530MHz	Pass	5.29	17.27		17.27	24.00	22.56	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.29	19.54		19.54	24.00	24.83	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.77	5.69		5.69	30.00	10.46	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-	-	-
5290MHz	Pass	4.91		17.54	17.54	24.00	22.45	30.00
5530MHz	Pass	4.98		17.77	17.77	24.00	22.75	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.98		18.38	18.38	24.00	23.36	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.90		5.42	5.42	30.00	10.32	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	4.91	16.48	15.63	19.09	24.00	24.00	30.00
5530MHz	Pass	5.29	16.42	15.81	19.14	24.00	24.43	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.29	19.56	18.42	22.04	24.00	27.33	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.90	5.81	5.50	8.67	30.00	13.57	36.00

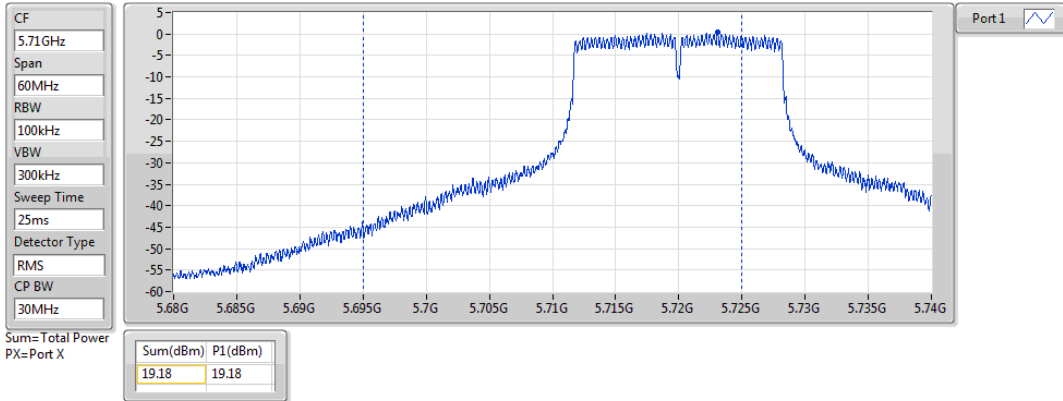
DG = Directional Gain; **Port X** = Port X output power

802.11a_Nss1,(6Mbps)_1TX(Port1)

AV Power

5720MHz Straddle 5.47-5.725GHz

04/07/2019

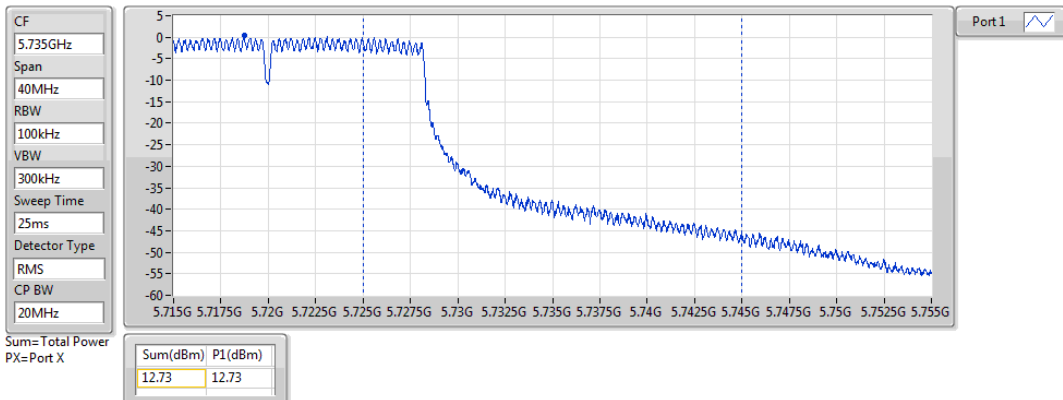


802.11a_Nss1,(6Mbps)_1TX(Port1)

AV Power

5720MHz Straddle 5.725-5.85GHz

18/07/2019

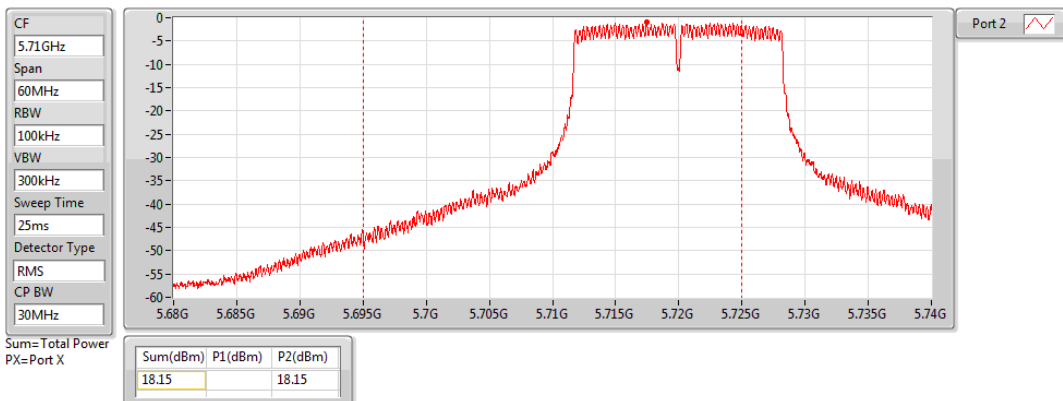


802.11a_Nss1,(6Mbps)_1TX(Port2)

AV Power

5720MHz Straddle 5.47-5.725GHz

04/07/2019

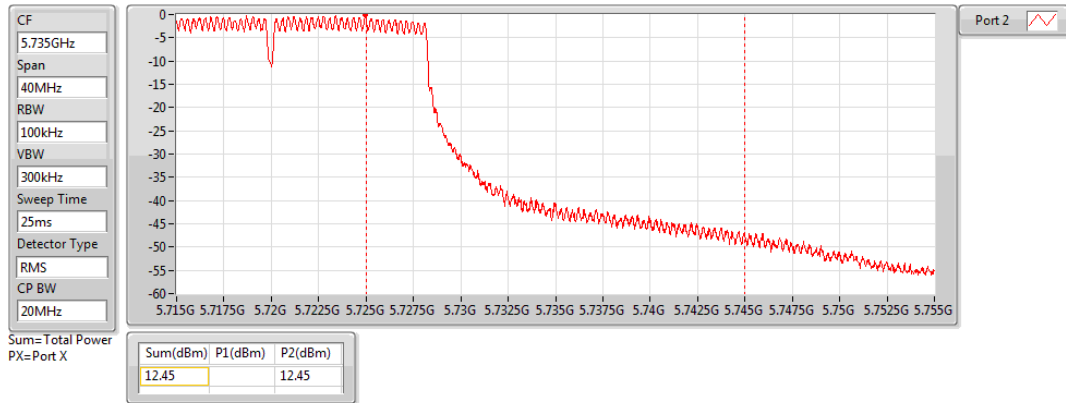


802.11a_Nss1,(6Mbps)_1TX(Port2)

AV Power

5720MHz Straddle 5.725-5.85GHz

18/07/2019

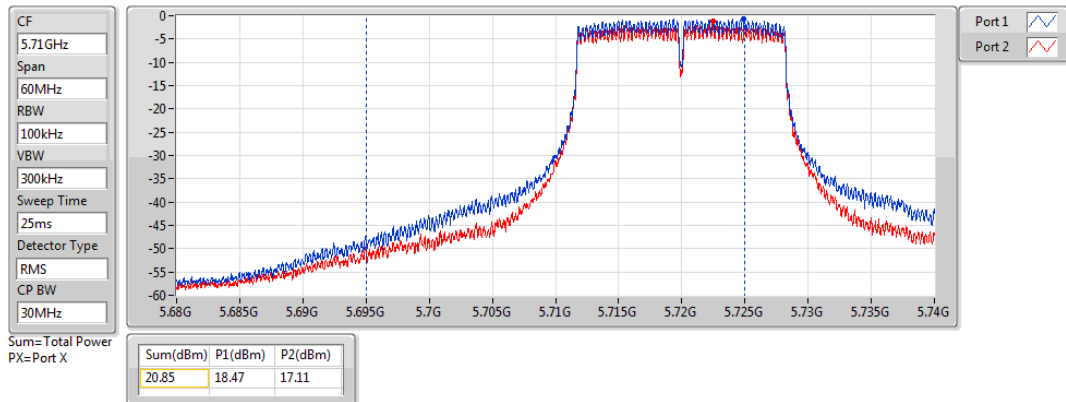


802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

04/07/2019

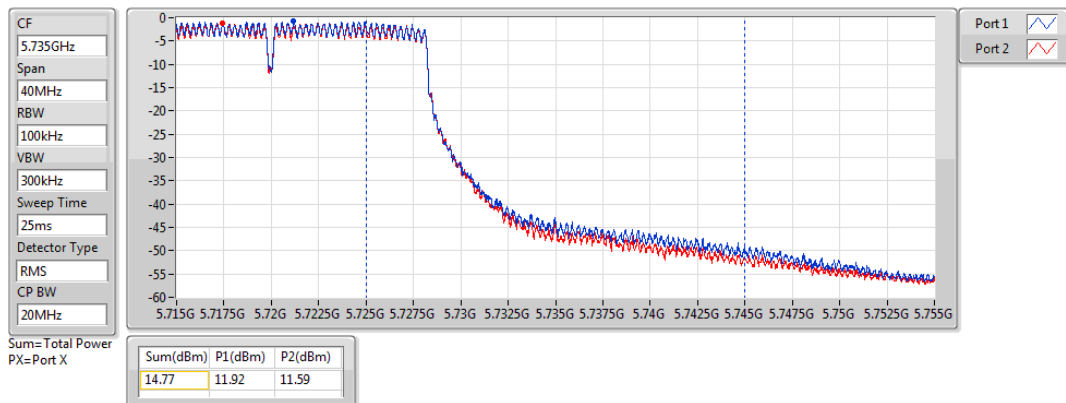


802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

18/07/2019

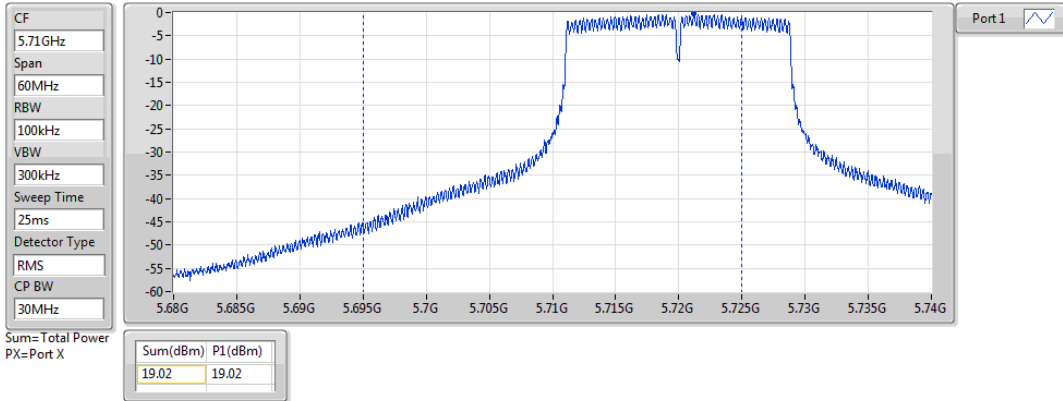


802.11ac VHT20_Nss1,(MCS0)_1TX(Port1)

AV Power

5720MHz Straddle 5.47-5.725GHz

04/07/2019

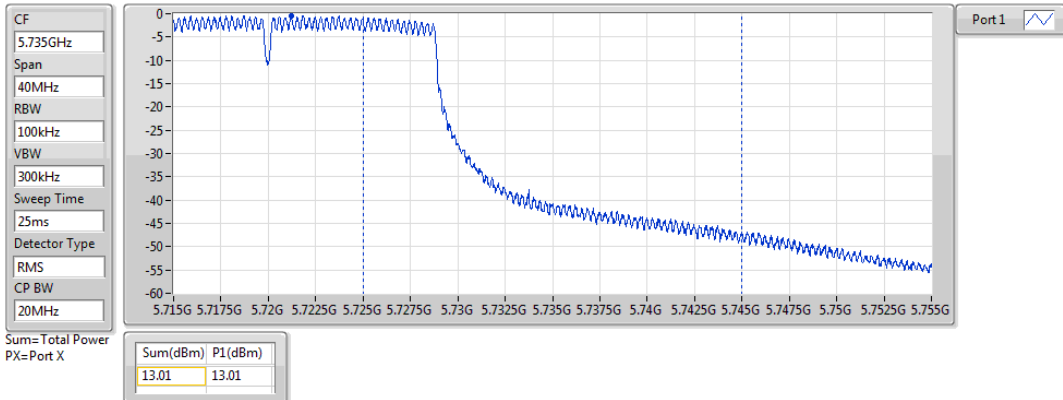


802.11ac VHT20_Nss1,(MCS0)_1TX(Port1)

AV Power

5720MHz Straddle 5.725-5.85GHz

18/07/2019

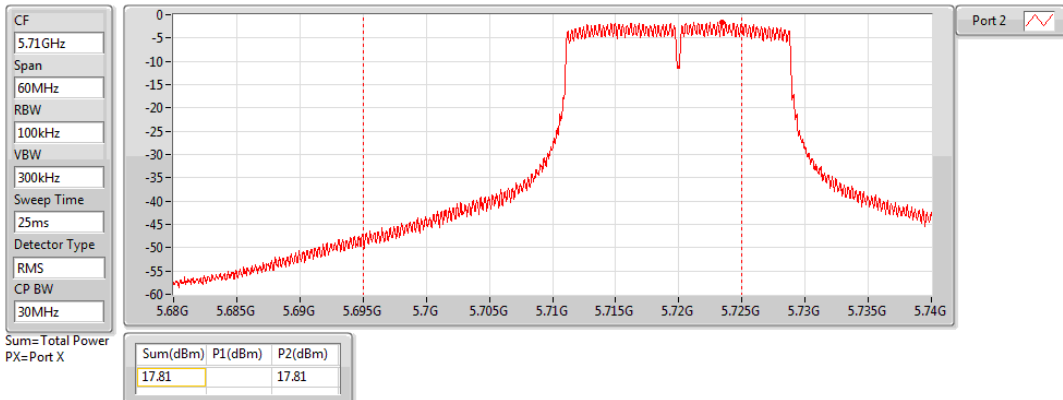


802.11ac VHT20_Nss1,(MCS0)_1TX(Port2)

AV Power

5720MHz Straddle 5.47-5.725GHz

04/07/2019

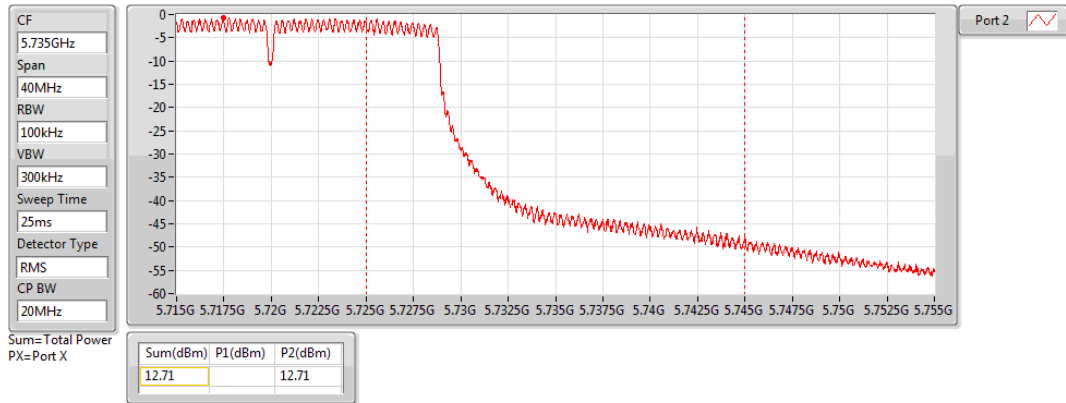


802.11ac VHT20_Nss1,(MCS0)_1TX(Port2)

AV Power

5720MHz Straddle 5.725-5.85GHz

18/07/2019

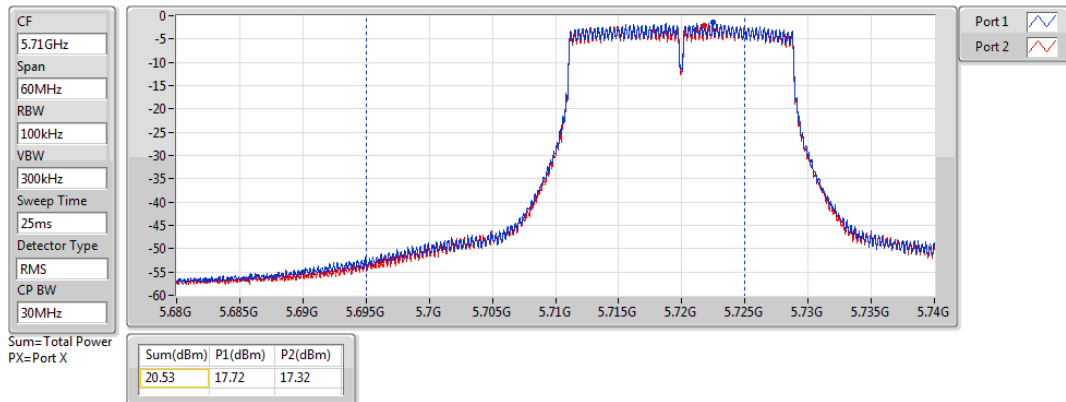


802.11ac VHT20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

18/07/2019

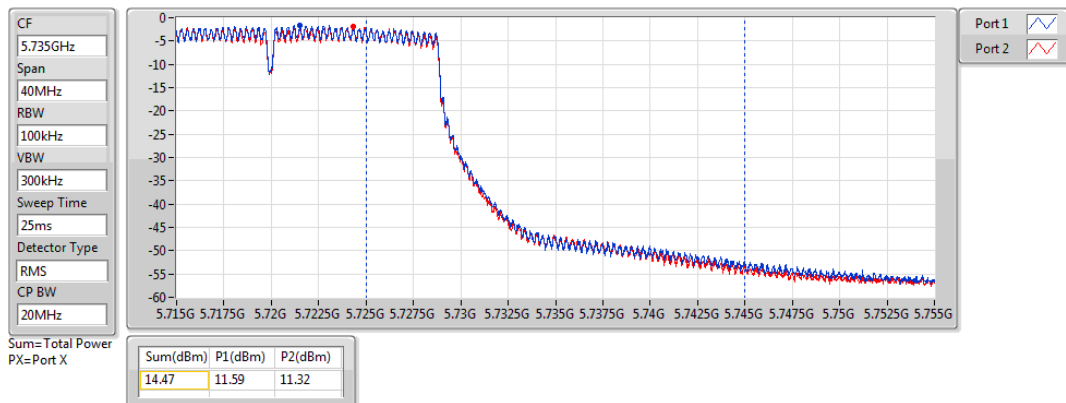


802.11ac VHT20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

18/07/2019

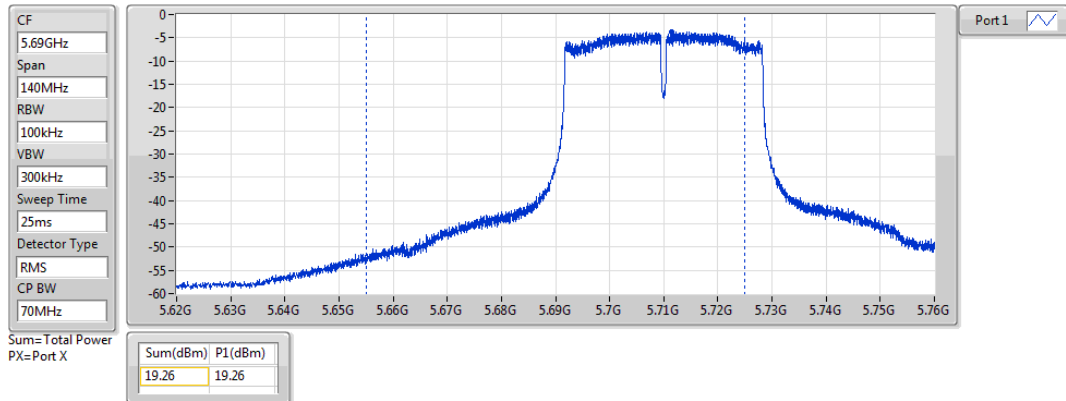


802.11ac VHT40_Nss1,(MCS0)_1TX(Port1)

AV Power

5710MHz Straddle 5.47-5.725GHz

04/07/2019

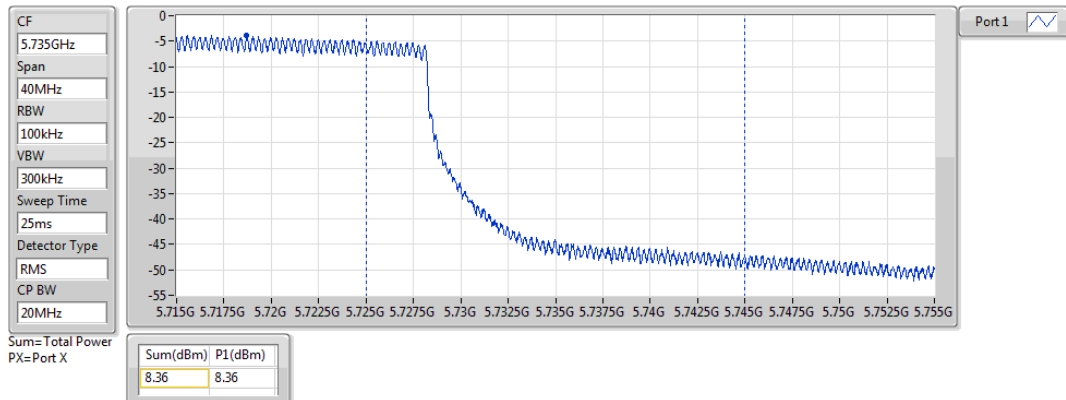


802.11ac VHT40_Nss1,(MCS0)_1TX(Port1)

AV Power

5710MHz Straddle 5.725-5.85GHz

18/07/2019

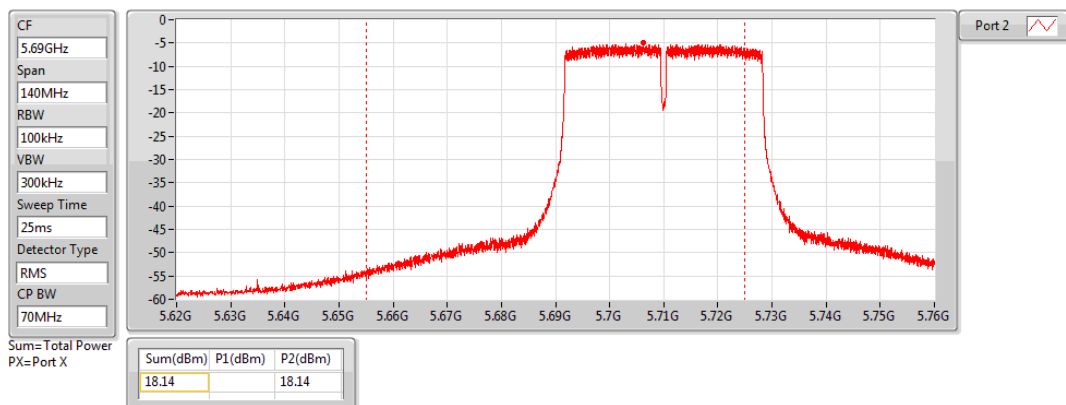


802.11ac VHT40_Nss1,(MCS0)_1TX(Port2)

AV Power

5710MHz Straddle 5.47-5.725GHz

04/07/2019

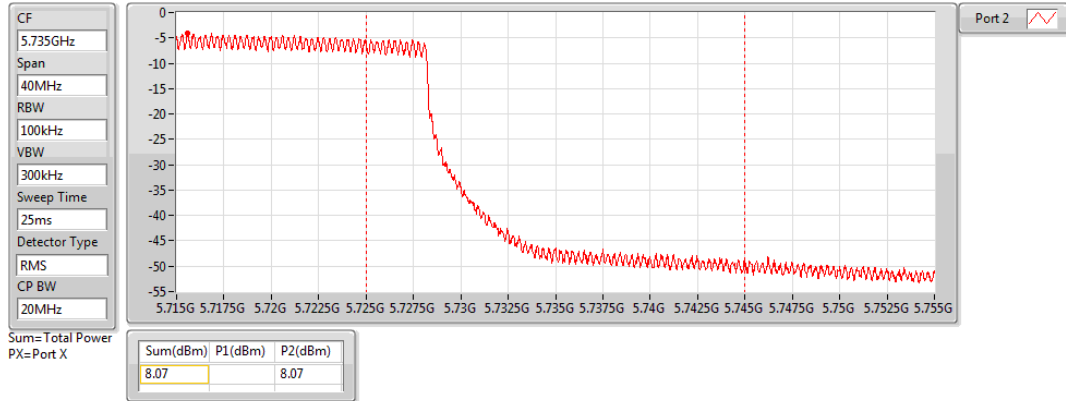


802.11ac VHT40_Nss1,(MCS0)_1TX(Port2)

AV Power

5710MHz Straddle 5.725-5.85GHz

18/07/2019

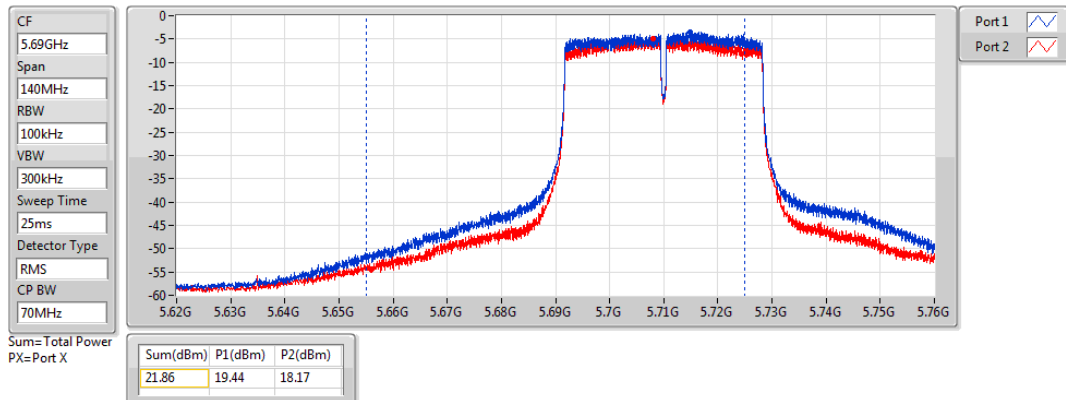


802.11ac VHT40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

04/07/2019

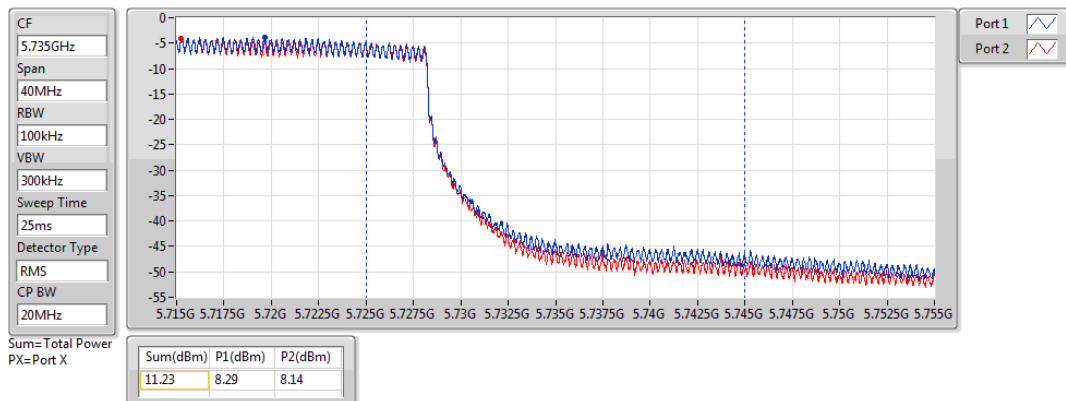


802.11ac VHT40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

18/07/2019

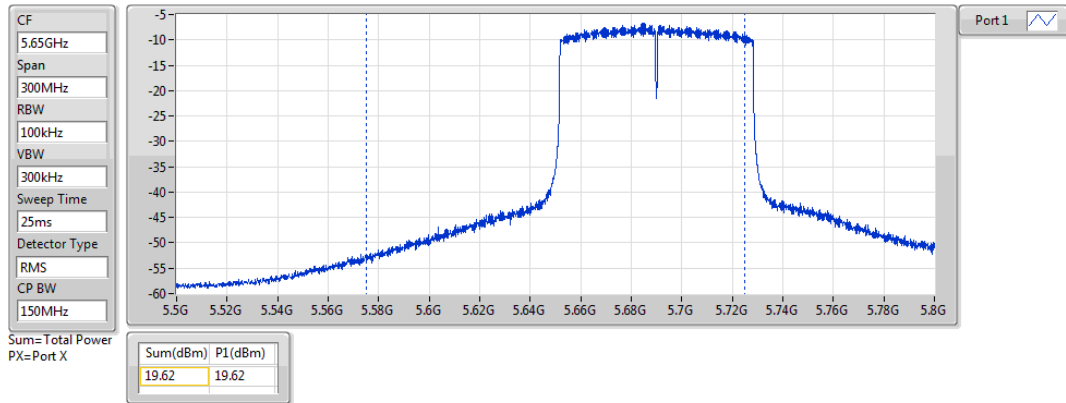


802.11ac VHT80_Nss1,(MCS0)_1TX(Port1)

AV Power

5690MHz Straddle 5.47-5.725GHz

04/07/2019

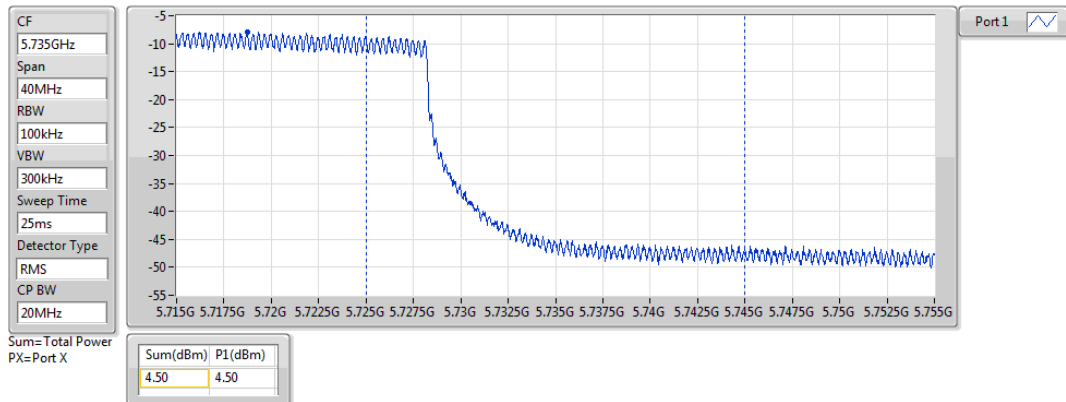


802.11ac VHT80_Nss1,(MCS0)_1TX(Port1)

AV Power

5690MHz Straddle 5.725-5.85GHz

18/07/2019

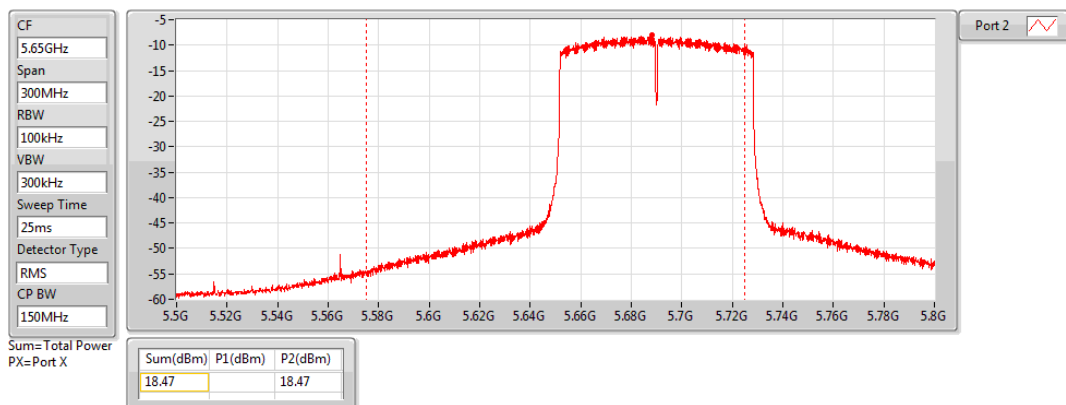


802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)

AV Power

5690MHz Straddle 5.47-5.725GHz

04/07/2019

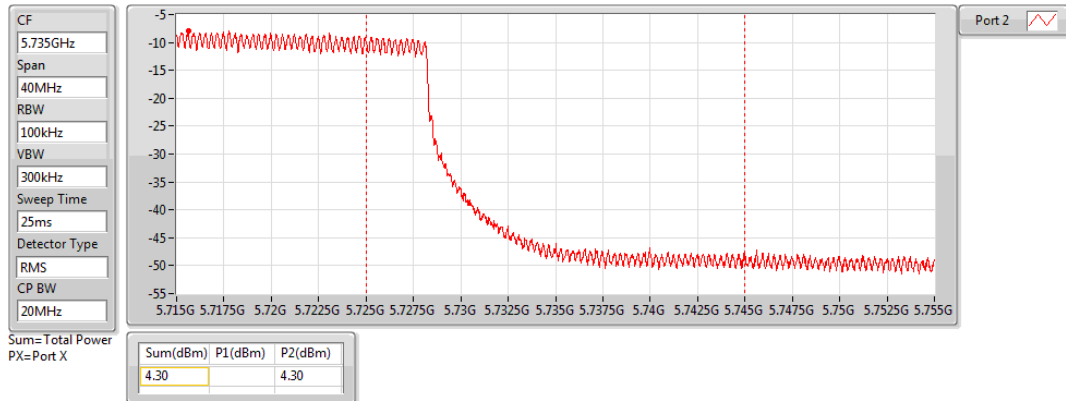


802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)

AV Power

5690MHz Straddle 5.725-5.85GHz

18/07/2019

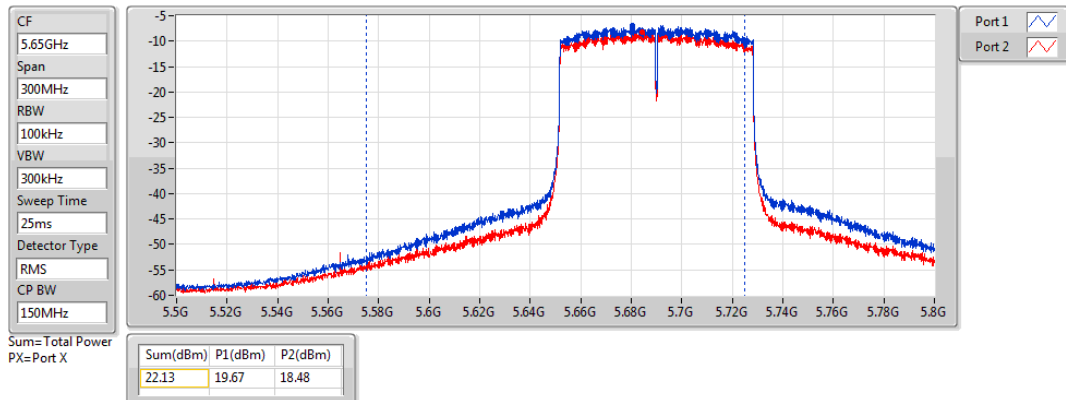


802.11ac VHT80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

04/07/2019

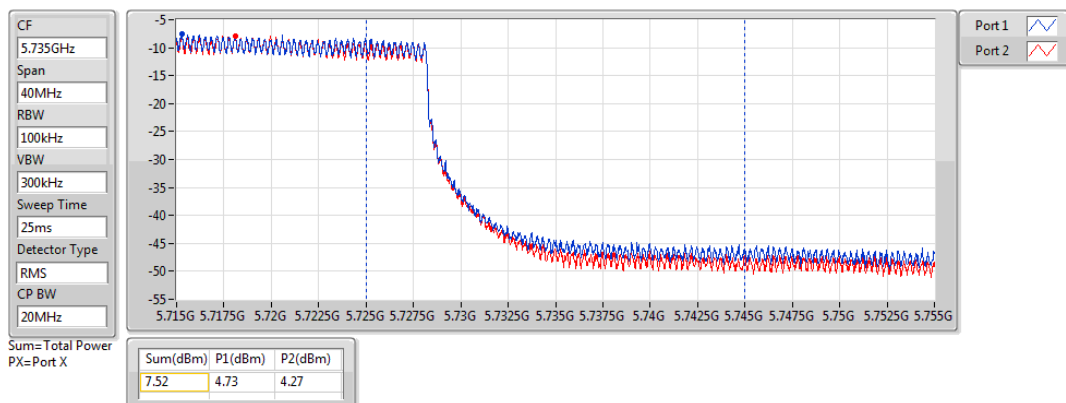


802.11ac VHT80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

18/07/2019

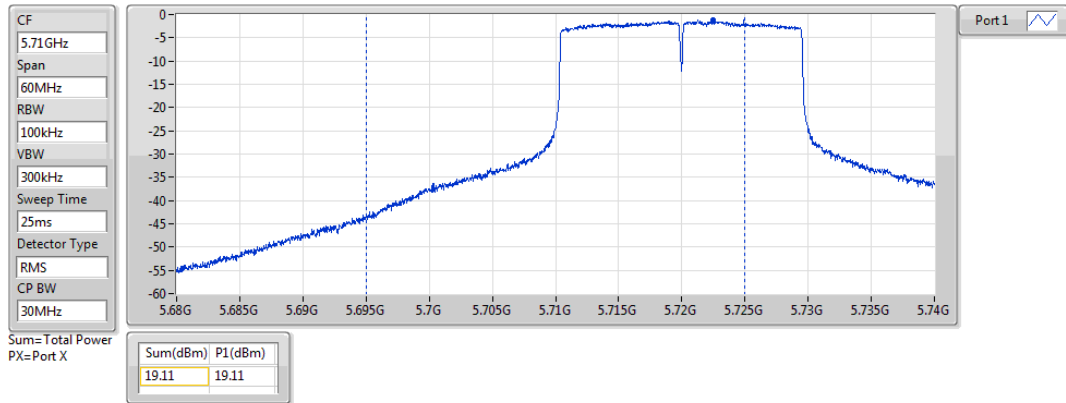


802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)

AV Power

5720MHz Straddle 5.47-5.725GHz

04/07/2019

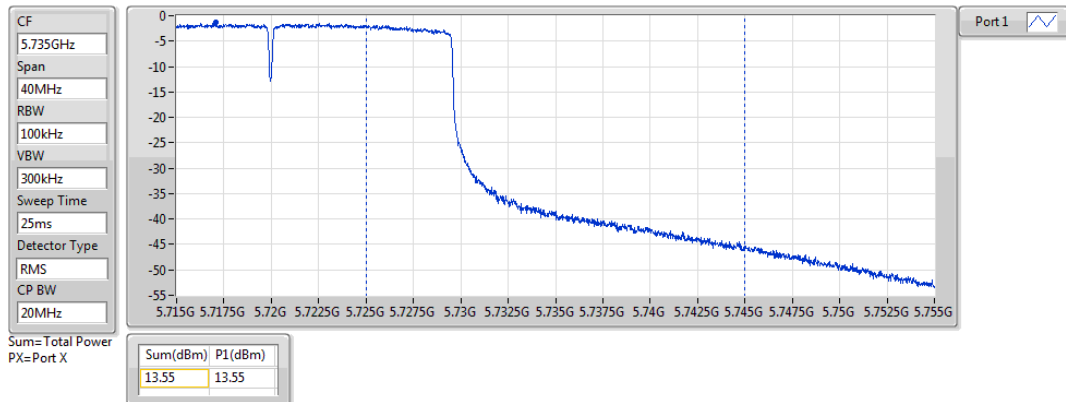


802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)

AV Power

5720MHz Straddle 5.725-5.85GHz

18/07/2019

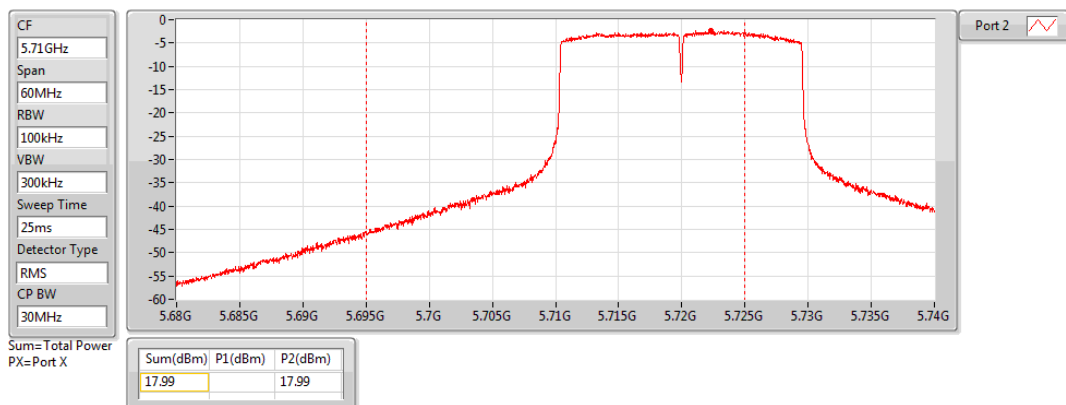


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)

AV Power

5720MHz Straddle 5.47-5.725GHz

04/07/2019

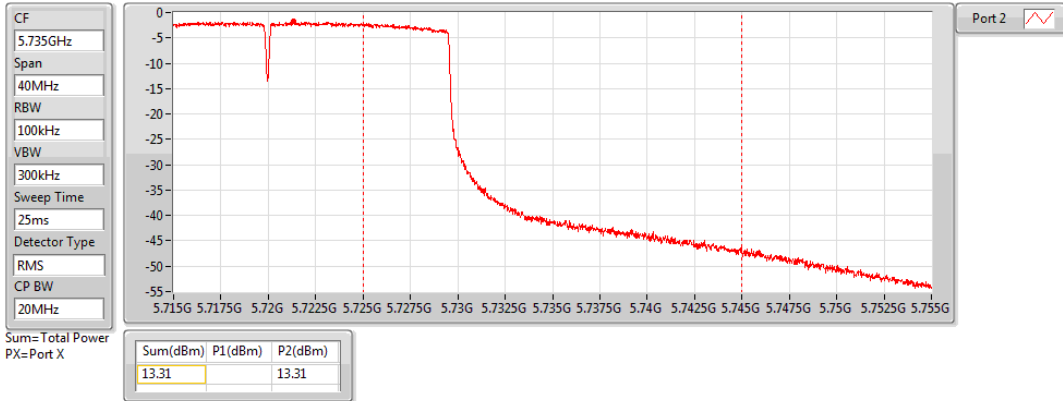


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)

AV Power

5720MHz Straddle 5.725-5.85GHz

18/07/2019

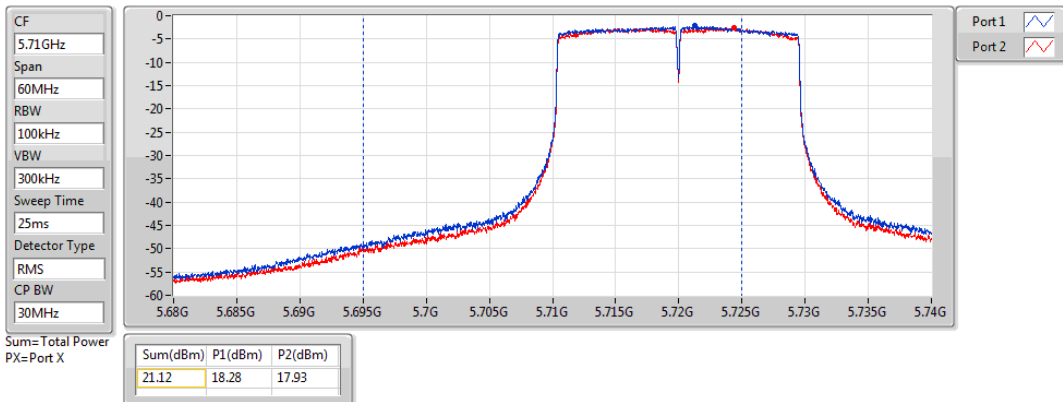


802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

18/07/2019

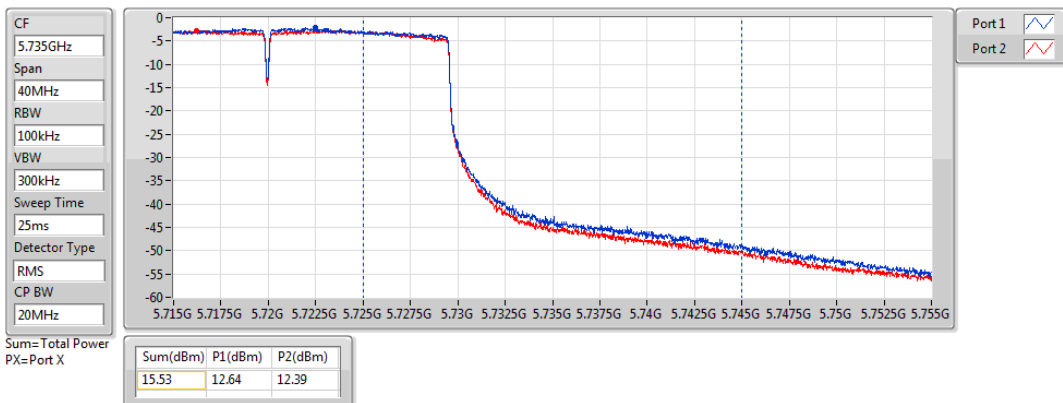


802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

18/07/2019

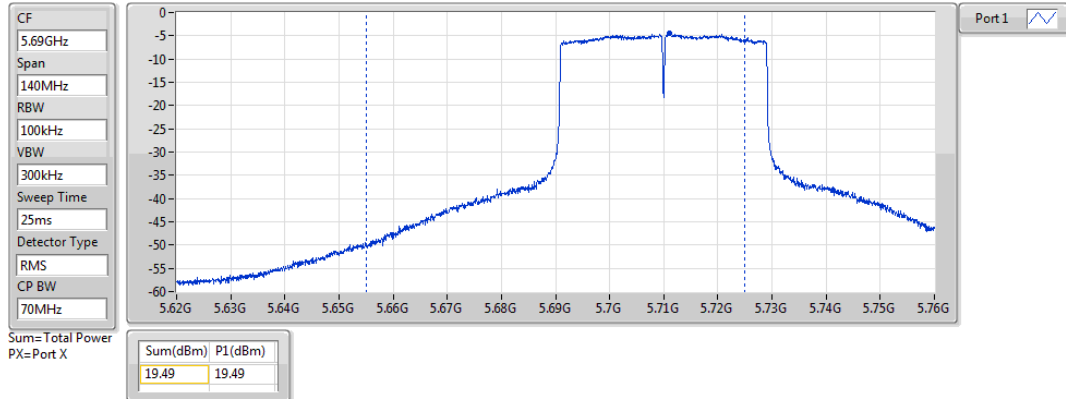


802.11ax HEW40_Nss1,(MCS0)_1TX(Port1)

AV Power

5710MHz Straddle 5.47-5.725GHz

04/07/2019

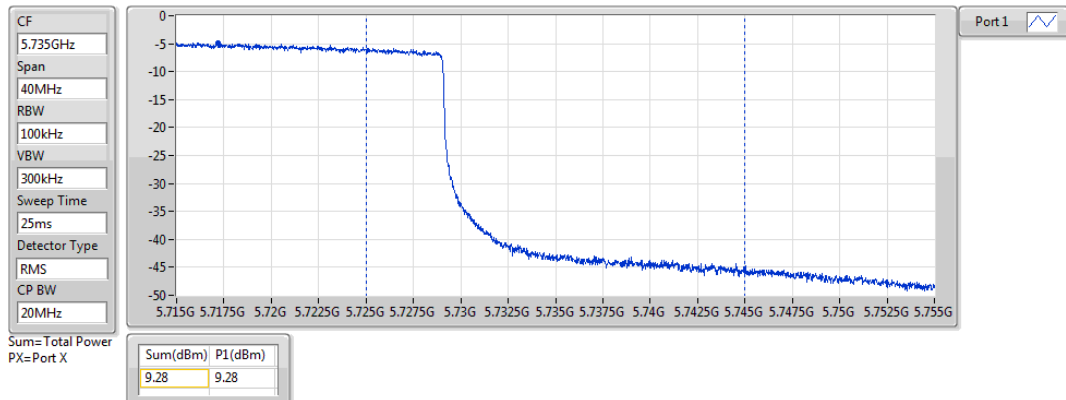


802.11ax HEW40_Nss1,(MCS0)_1TX(Port1)

AV Power

5710MHz Straddle 5.725-5.85GHz

18/07/2019

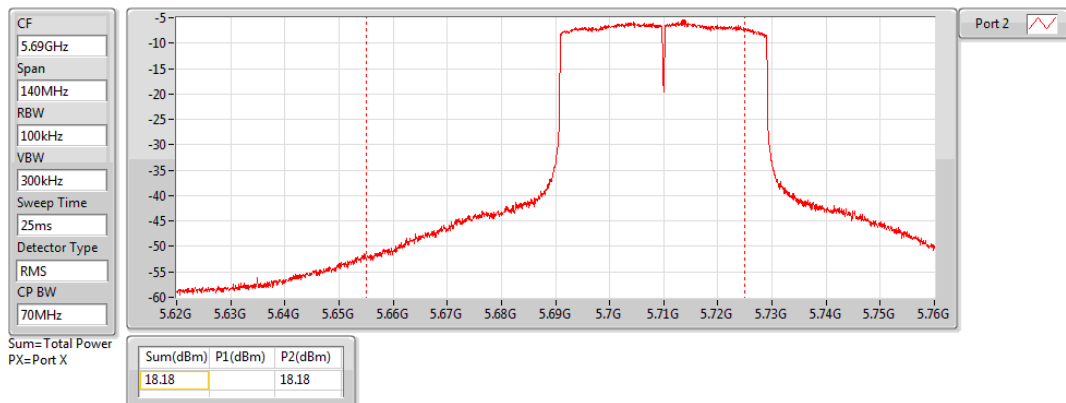


802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)

AV Power

5710MHz Straddle 5.47-5.725GHz

04/07/2019

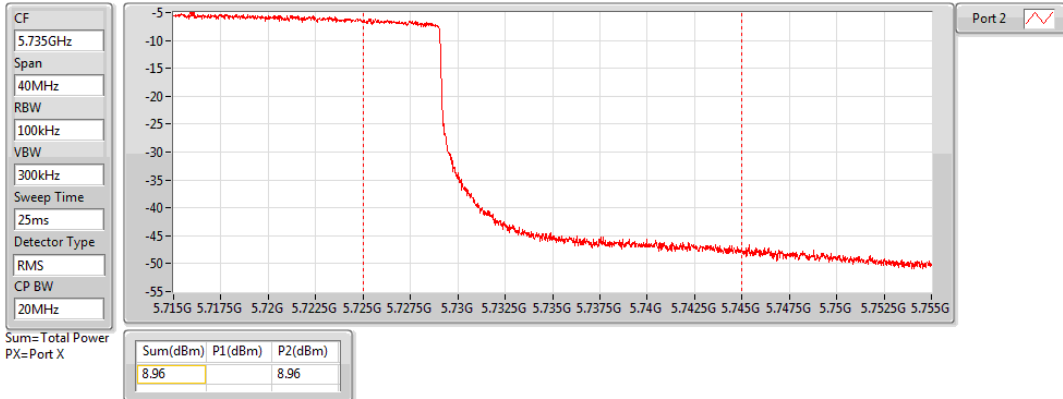


802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)

AV Power

5710MHz Straddle 5.725-5.85GHz

18/07/2019

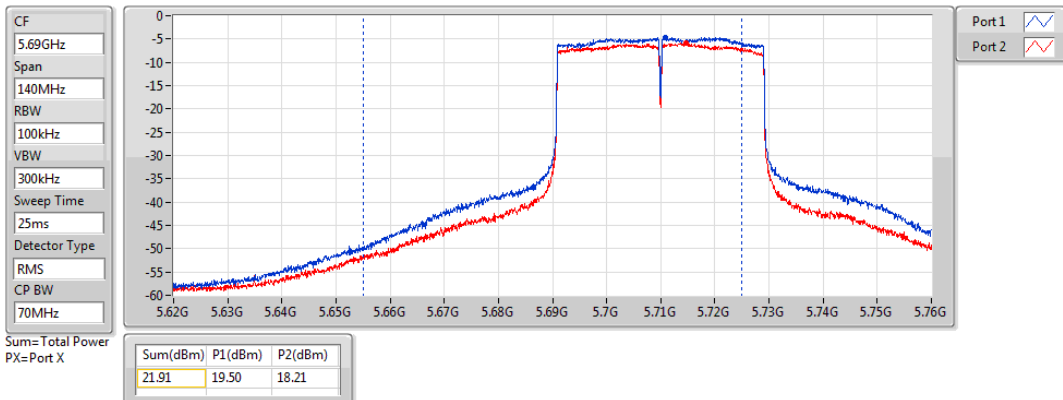


802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

04/07/2019

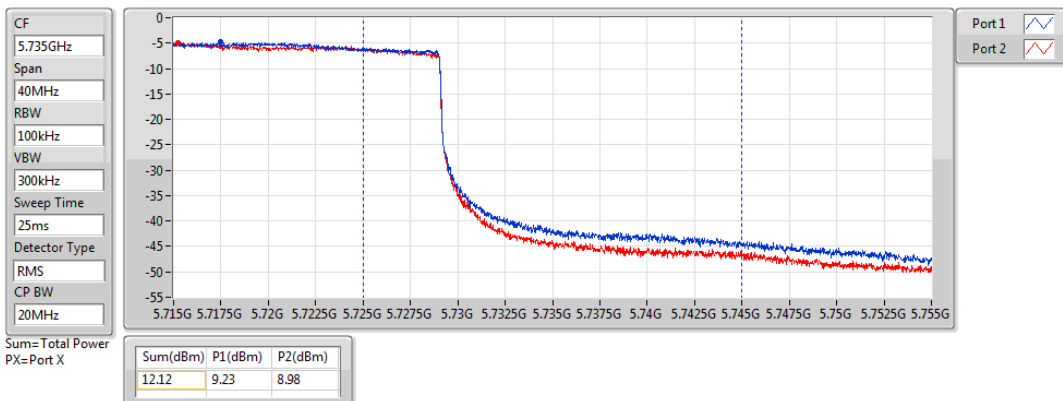


802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

18/07/2019

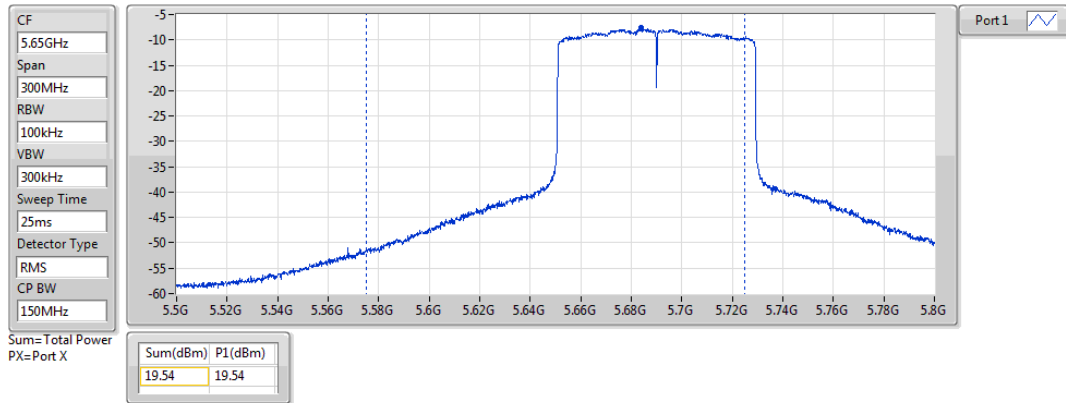


802.11ax HEW80_Nss1,(MCS0)_1TX(Port1)

AV Power

5690MHz Straddle 5.47-5.725GHz

04/07/2019

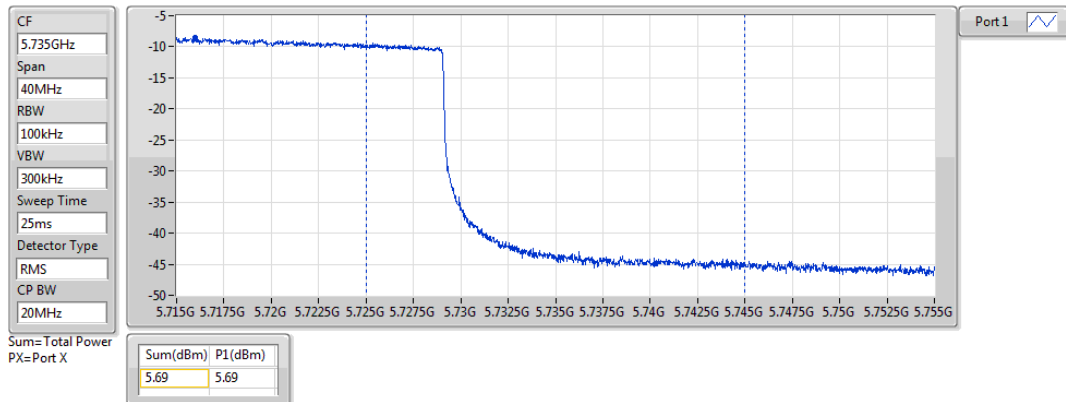


802.11ax HEW80_Nss1,(MCS0)_1TX(Port1)

AV Power

5690MHz Straddle 5.725-5.85GHz

18/07/2019

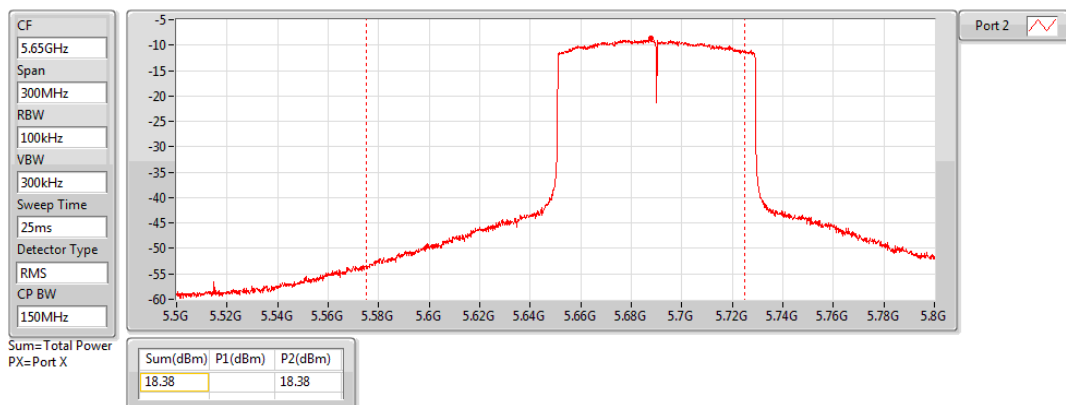


802.11ax HEW80_Nss1,(MCS0)_1TX(Port2)

AV Power

5690MHz Straddle 5.47-5.725GHz

04/07/2019

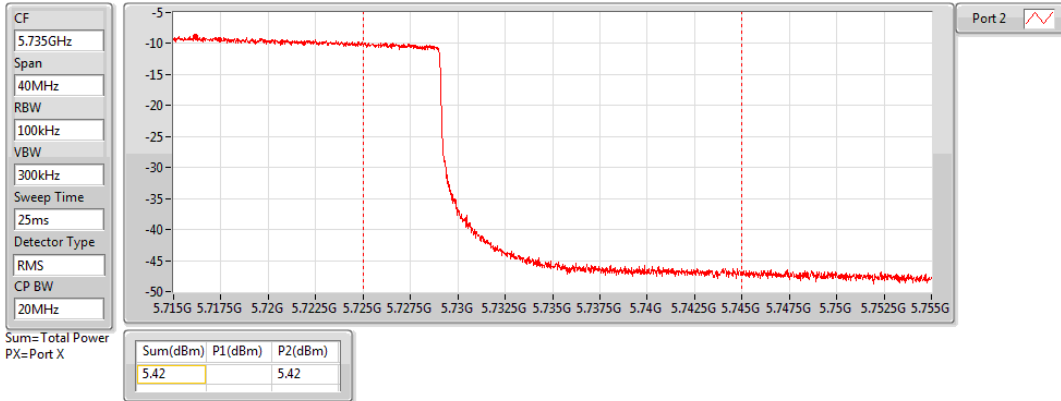


802.11ax HEW80_Nss1,(MCS0)_1TX(Port2)

AV Power

5690MHz Straddle 5.725-5.85GHz

18/07/2019

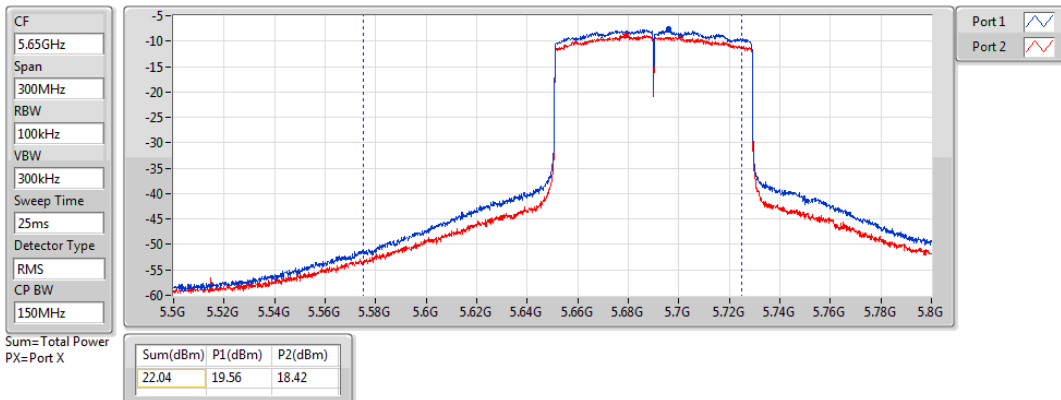


802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

04/07/2019

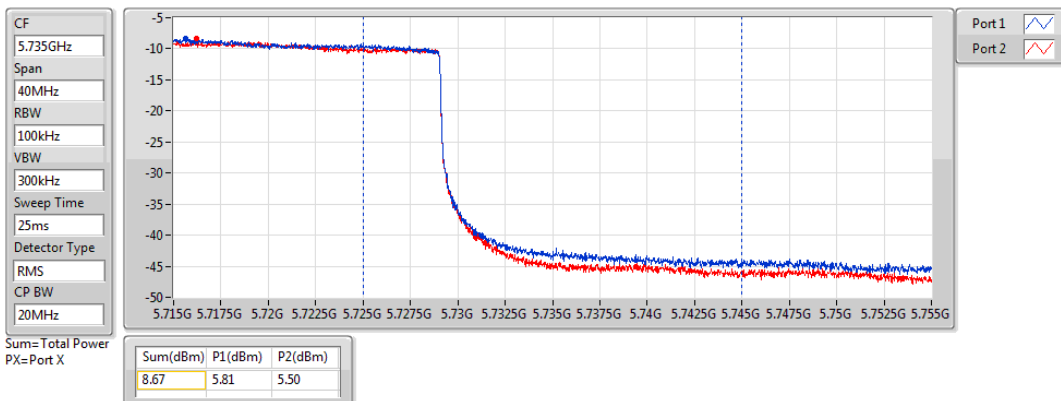


802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

18/07/2019



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	20.76	0.11912	28.56	0.71779
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.04	0.12706	28.84	0.76560
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	20.92	0.12359	28.72	0.74473
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.14	0.13002	28.94	0.78343
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.18	0.13122	28.98	0.79068
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	21.16	0.13062	28.96	0.78705
5.47-5.725GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	20.72	0.11803	28.87	0.77090
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.04	0.12706	29.19	0.82985
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	20.75	0.11885	28.90	0.77625
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.78	0.11967	28.93	0.78163
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.11	0.12912	29.26	0.84333
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.78	0.11967	28.93	0.78163
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	13.05	0.02018	20.90	0.12303
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	9.50	0.00891	17.35	0.05433
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	5.72	0.00373	13.57	0.02275
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	13.14	0.02061	20.99	0.12560
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	9.72	0.00938	17.57	0.05715
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	6.07	0.00405	13.92	0.02466

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_TnomVnom	Pass	7.80	17.68	17.71	20.71	21.66	28.51	29.46
5300MHz_TnomVnom	Pass	7.80	17.73	17.71	20.73	21.65	28.53	29.45
5320MHz_TnomVnom	Pass	7.80	17.80	17.69	20.76	21.65	28.56	29.45
5500MHz_TnomVnom	Pass	8.15	17.49	17.44	20.48	21.30	28.63	29.45
5580MHz_TnomVnom	Pass	8.15	17.51	17.69	20.61	21.31	28.76	29.46
5700MHz_TnomVnom	Pass	8.15	17.73	17.69	20.72	21.30	28.87	29.45
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	8.15	15.93	15.97	18.96	20.23	27.11	28.38
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	7.85	10.13	9.94	13.05	28.15	20.90	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	7.80	17.81	17.71	20.77	22.20	28.57	30.00
5310MHz_TnomVnom	Pass	7.80	18.15	17.91	21.04	22.20	28.84	30.00
5510MHz_TnomVnom	Pass	8.15	17.57	17.48	20.54	21.85	28.69	30.00
5550MHz_TnomVnom	Pass	8.15	17.64	17.52	20.59	21.85	28.74	30.00
5670MHz_TnomVnom	Pass	8.15	18.08	17.98	21.04	21.85	29.19	30.00
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	8.15	17.36	17.44	20.41	21.85	28.56	30.00
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	7.85	6.59	6.38	9.50	28.15	17.35	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	7.80	17.97	17.85	20.92	22.20	28.72	30.00
5530MHz_TnomVnom	Pass	8.15	17.25	17.36	20.32	21.85	28.47	30.00
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	8.15	17.66	17.81	20.75	21.85	28.90	30.00
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	7.85	2.54	2.88	5.72	28.15	13.57	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	7.80	17.70	17.74	20.73	21.65	28.53	29.45
5300MHz_TnomVnom	Pass	7.80	18.23	18.01	21.13	21.66	28.93	29.46
5320MHz_TnomVnom	Pass	7.80	18.04	18.22	21.14	21.66	28.94	29.46
5500MHz_TnomVnom	Pass	8.15	17.72	17.79	20.77	21.30	28.92	29.45
5580MHz_TnomVnom	Pass	8.15	17.87	17.67	20.78	21.29	28.93	29.44
5700MHz_TnomVnom	Pass	8.15	17.75	17.70	20.74	21.30	28.89	29.45
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	8.15	15.79	16.36	19.09	20.24	27.24	28.39
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	7.85	10.41	9.83	13.14	28.15	20.99	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	7.80	17.64	17.93	20.80	22.20	28.60	30.00
5310MHz_TnomVnom	Pass	7.80	18.24	18.10	21.18	22.20	28.98	30.00
5510MHz_TnomVnom	Pass	8.15	17.64	17.47	20.57	21.85	28.72	30.00
5550MHz_TnomVnom	Pass	8.15	17.62	17.58	20.61	21.85	28.76	30.00
5670MHz_TnomVnom	Pass	8.15	18.06	18.14	21.11	21.85	29.26	30.00
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	8.15	17.22	17.73	20.49	21.85	28.64	30.00
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	7.85	7.61	5.57	9.72	28.15	17.57	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	7.80	18.27	18.02	21.16	22.20	28.96	30.00
5530MHz_TnomVnom	Pass	8.15	17.24	17.72	20.50	21.85	28.65	30.00
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	8.15	17.48	18.05	20.78	21.85	28.93	30.00
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	7.85	4.00	1.86	6.07	28.15	13.92	36.00



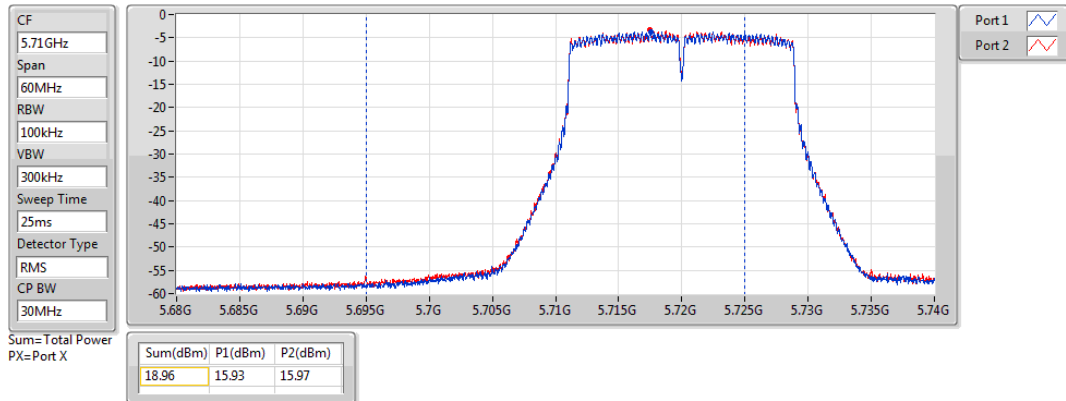
DG = Directional Gain; **Port X** = Port X output power

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

20/07/2019

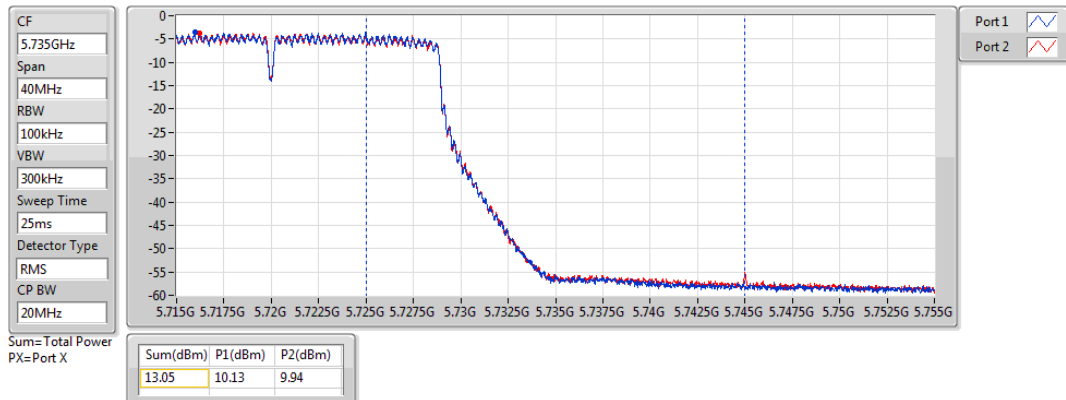


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

20/07/2019

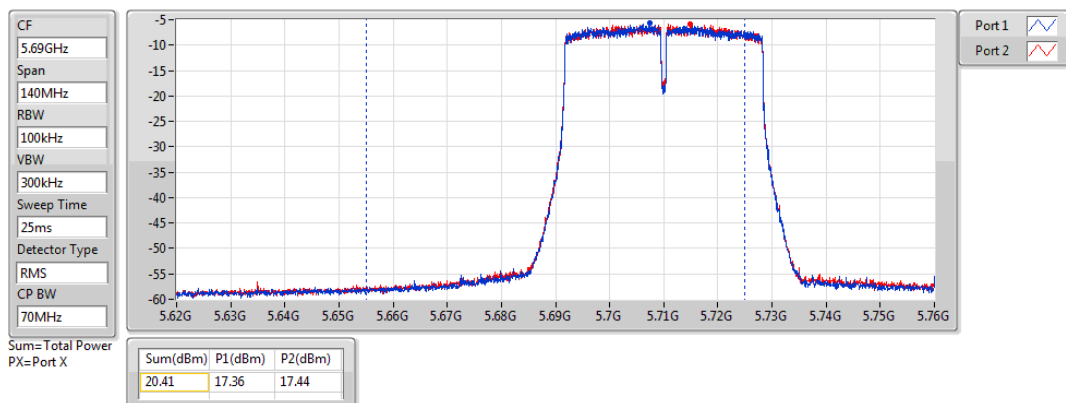


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

20/07/2019

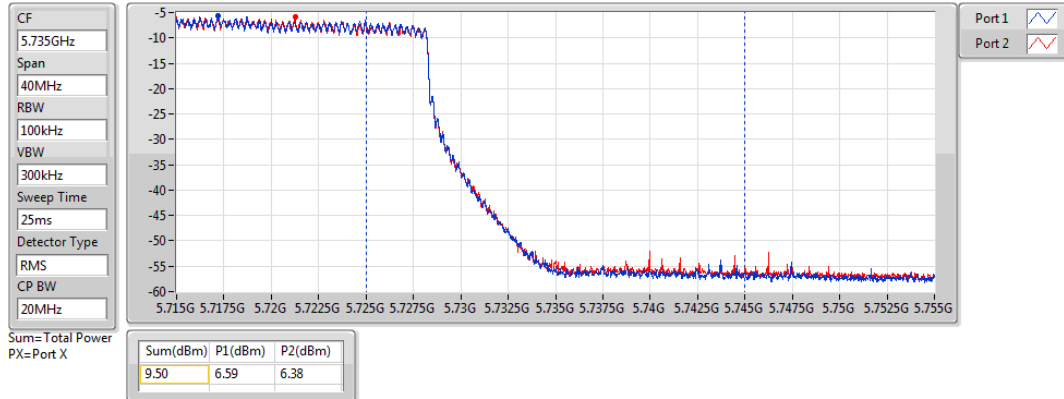


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

20/07/2019

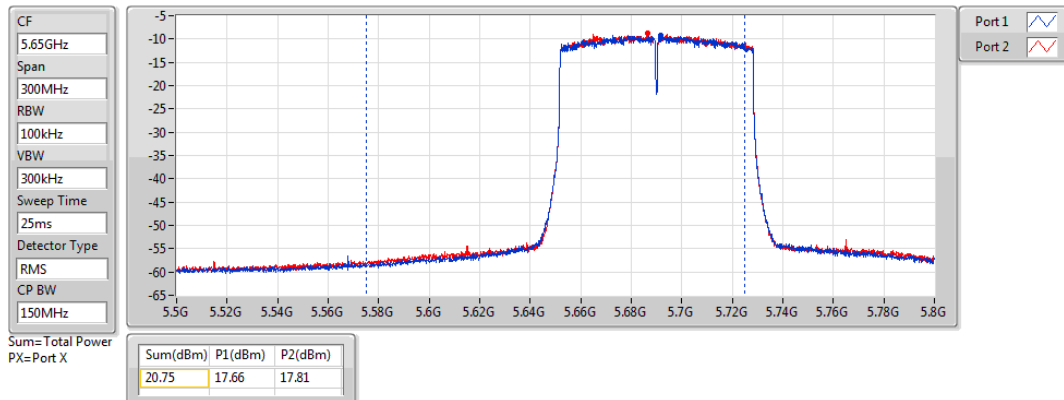


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

20/07/2019

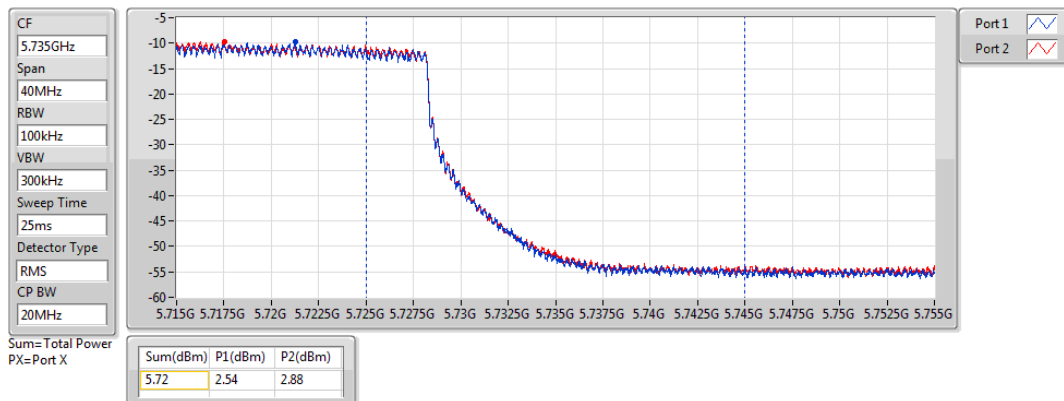


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

20/07/2019

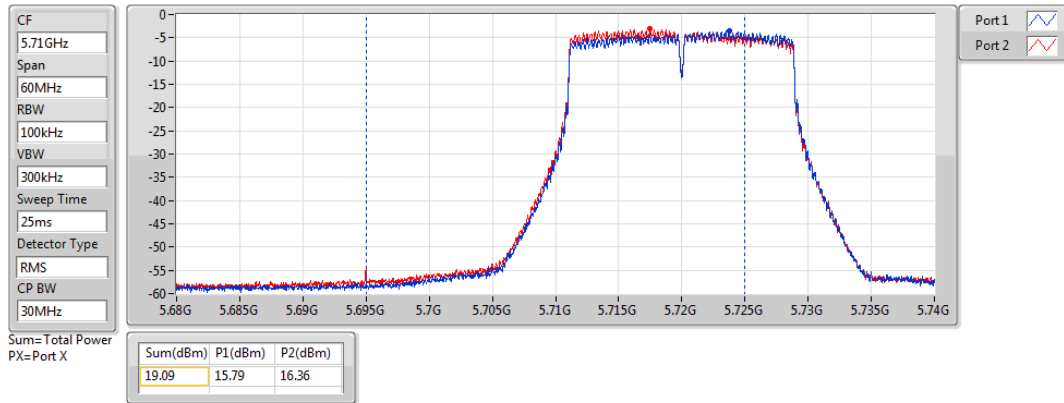


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

20/07/2019

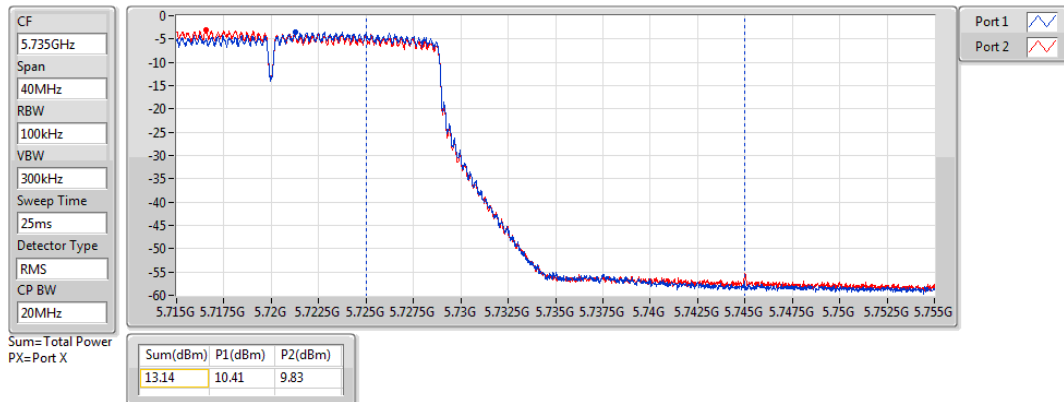


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

20/07/2019

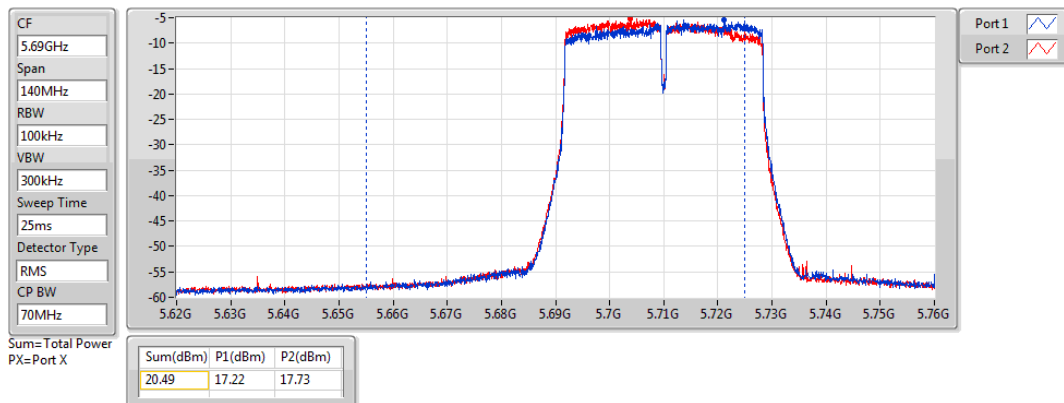


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

20/07/2019

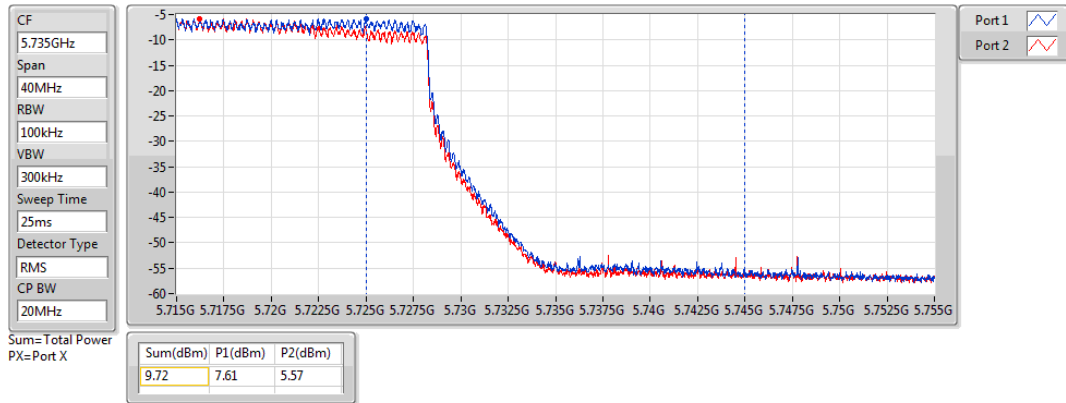


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

20/07/2019

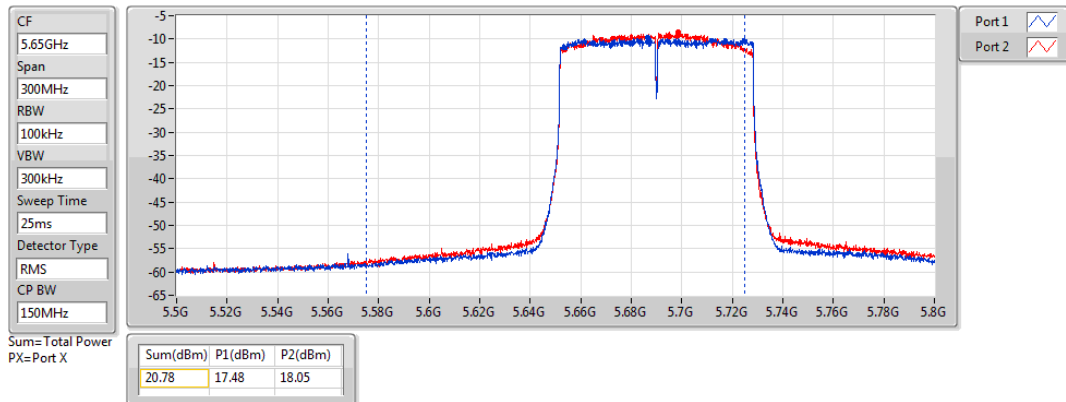


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

20/07/2019

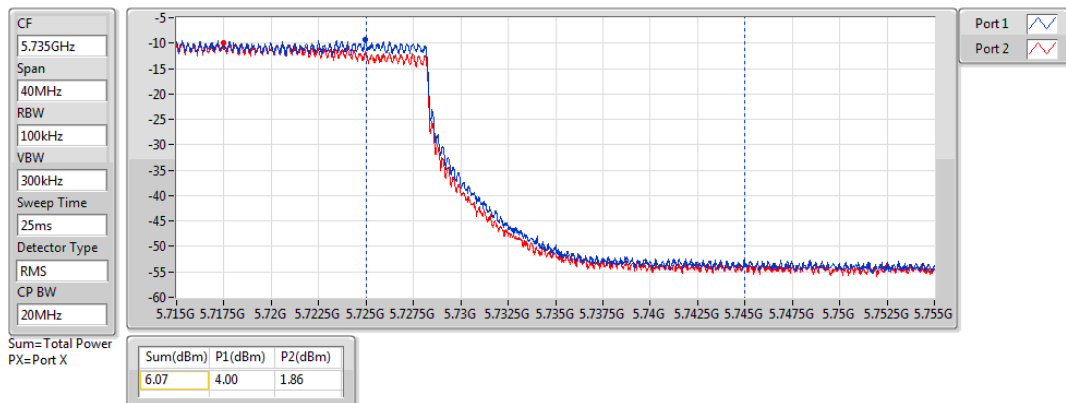


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

20/07/2019



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	17.60	0.05754	20.66	0.11641
802.11ac VHT20_Nss1,(MCS0)_1TX	17.66	0.05834	20.72	0.11803
802.11ac VHT40_Nss1,(MCS0)_1TX	17.47	0.05585	20.53	0.11298
802.11ac VHT80_Nss1,(MCS0)_1TX	10.87	0.01222	13.93	0.02472
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.80	0.04786	19.37	0.08650
802.11ac VHT20_Nss1,(MCS0)_1TX	16.64	0.04613	19.21	0.08337
802.11ac VHT40_Nss1,(MCS0)_1TX	15.78	0.03784	18.35	0.06839
802.11ac VHT80_Nss1,(MCS0)_1TX	14.74	0.02979	17.31	0.05383
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	6.95	0.00495	9.33	0.00857
802.11ac VHT20_Nss1,(MCS0)_1TX	6.97	0.00498	9.35	0.00861
802.11ac VHT40_Nss1,(MCS0)_1TX	3.07	0.00203	5.45	0.00351
802.11ac VHT80_Nss1,(MCS0)_1TX	-0.61	0.00087	1.77	0.00150

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	3.06	17.52	17.52	24.00	20.58	30.00
5300MHz	Pass	3.06	17.60	17.60	24.00	20.66	30.00
5320MHz	Pass	3.06	17.28	17.28	24.00	20.34	30.00
5500MHz	Pass	2.57	16.80	16.80	24.00	19.37	30.00
5580MHz	Pass	2.57	16.15	16.15	24.00	18.72	30.00
5700MHz	Pass	2.57	14.92	14.92	24.00	17.49	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	2.57	13.79	13.79	24.00	16.36	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	2.38	6.95	6.95	30.00	9.33	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	3.06	17.66	17.66	24.00	20.72	30.00
5300MHz	Pass	3.06	17.22	17.22	24.00	20.28	30.00
5320MHz	Pass	3.06	17.10	17.10	24.00	20.16	30.00
5500MHz	Pass	2.57	16.64	16.64	24.00	19.21	30.00
5580MHz	Pass	2.57	16.19	16.19	24.00	18.76	30.00
5700MHz	Pass	2.57	14.50	14.50	24.00	17.07	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	2.57	13.25	13.25	24.00	15.82	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	2.38	6.97	6.97	30.00	9.35	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	3.06	17.47	17.47	24.00	20.53	30.00
5310MHz	Pass	3.06	13.25	13.25	24.00	16.31	30.00
5510MHz	Pass	2.57	14.47	14.47	24.00	17.04	30.00
5550MHz	Pass	2.57	15.70	15.70	24.00	18.27	30.00
5670MHz	Pass	2.57	15.78	15.78	24.00	18.35	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	2.57	14.36	14.36	24.00	16.93	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	2.38	3.07	3.07	30.00	5.45	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	3.06	10.87	10.87	24.00	13.93	30.00
5530MHz	Pass	2.57	12.89	12.89	24.00	15.46	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	2.57	14.74	14.74	24.00	17.31	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	2.38	-0.61	-0.61	30.00	1.77	36.00

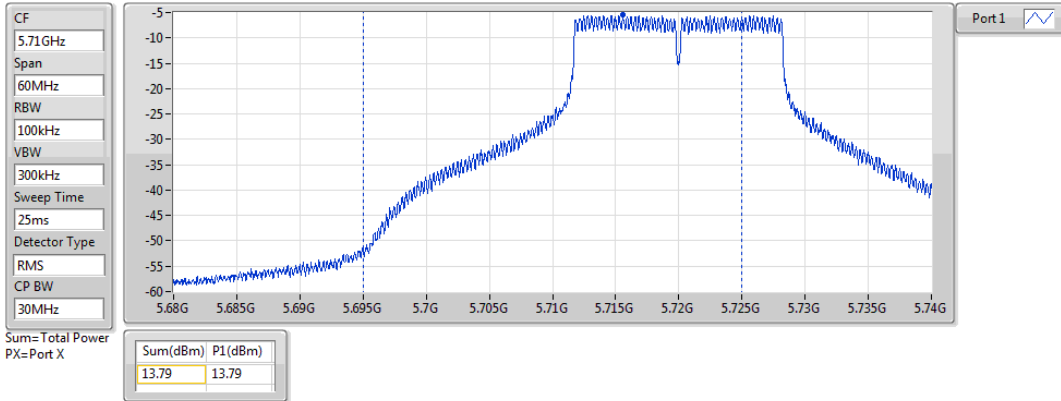
DG = Directional Gain; Port X = Port X output power

802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

04/07/2019

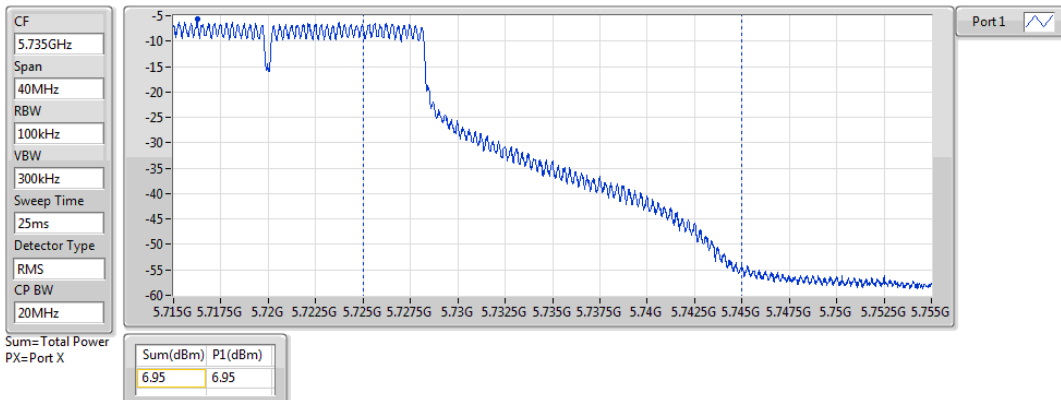


802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

18/07/2019

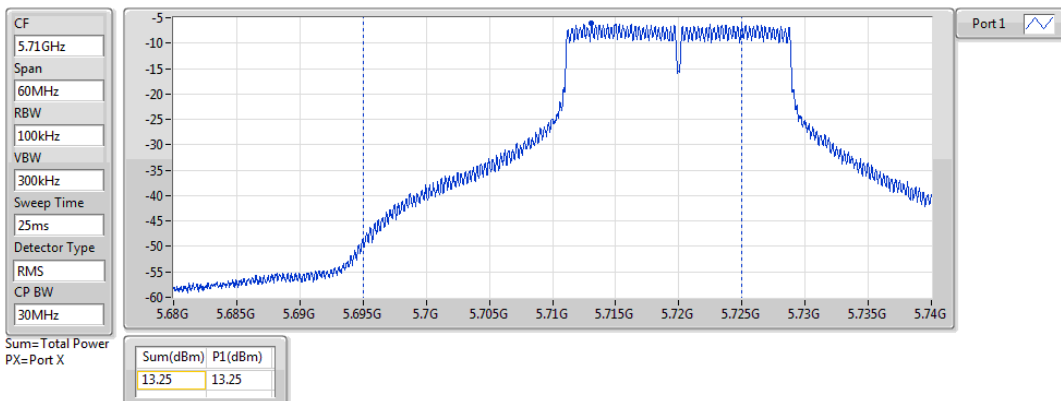


802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

04/07/2019

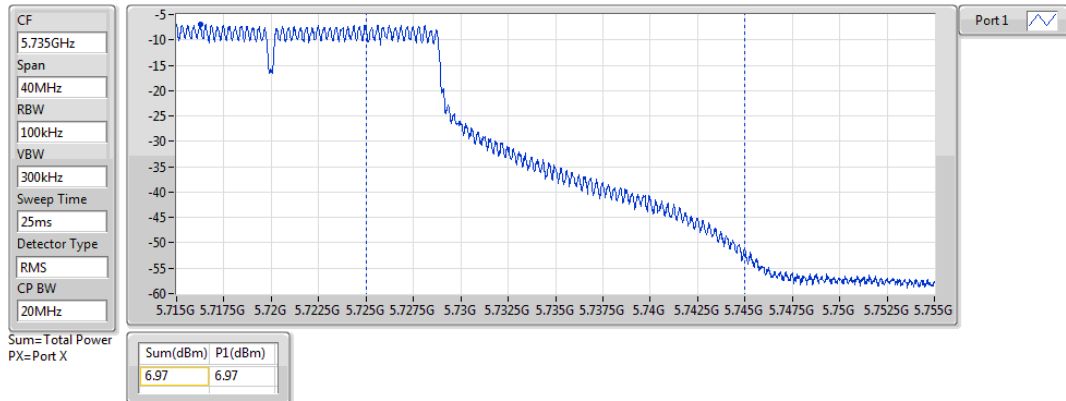


802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

18/07/2019

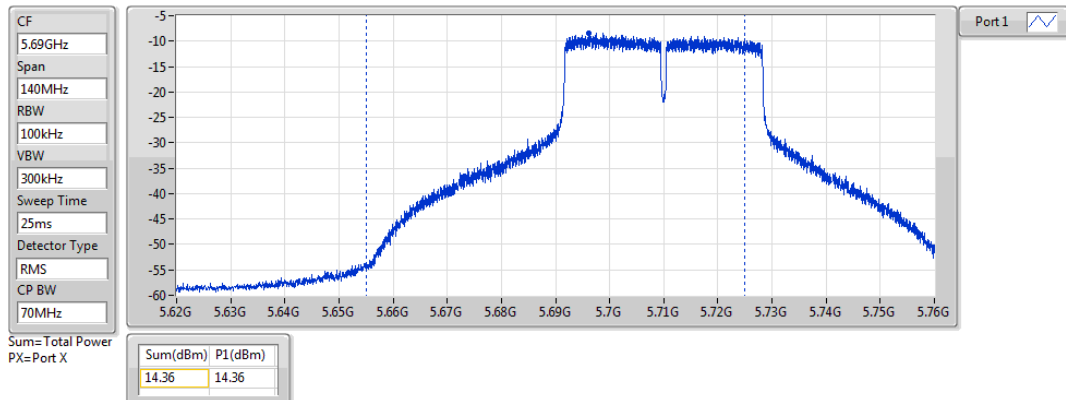


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

04/07/2019

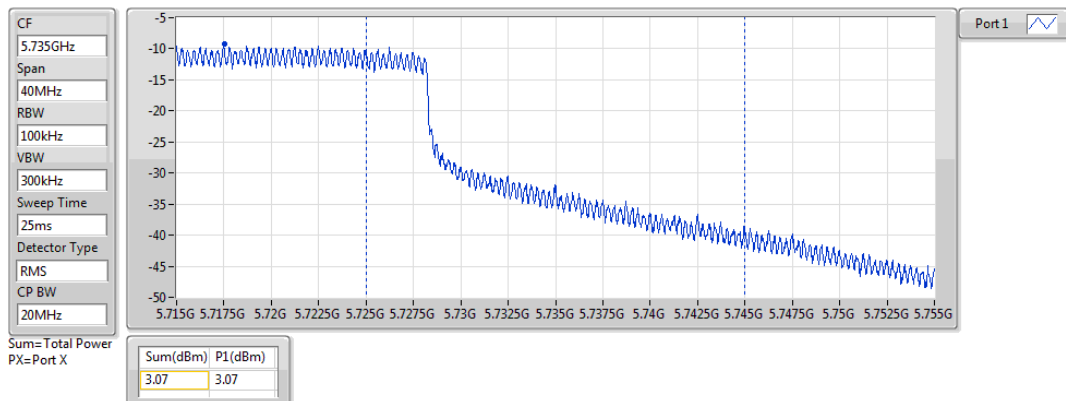


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

18/07/2019

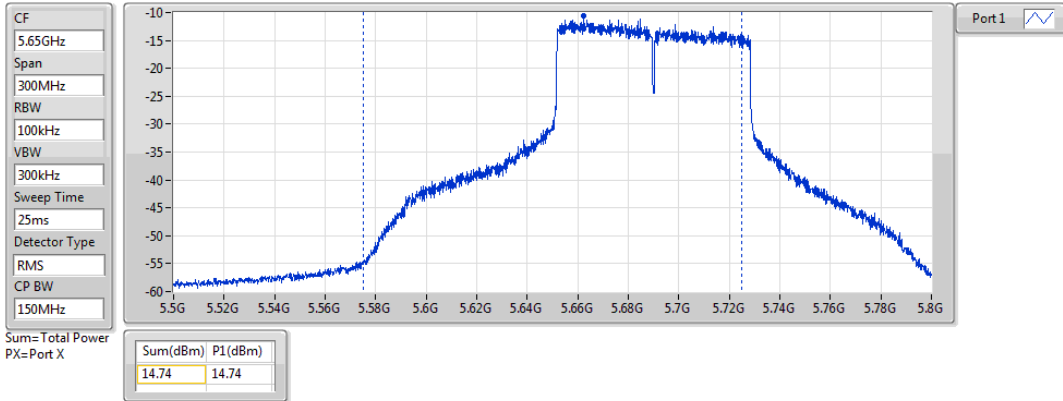


802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz

04/07/2019

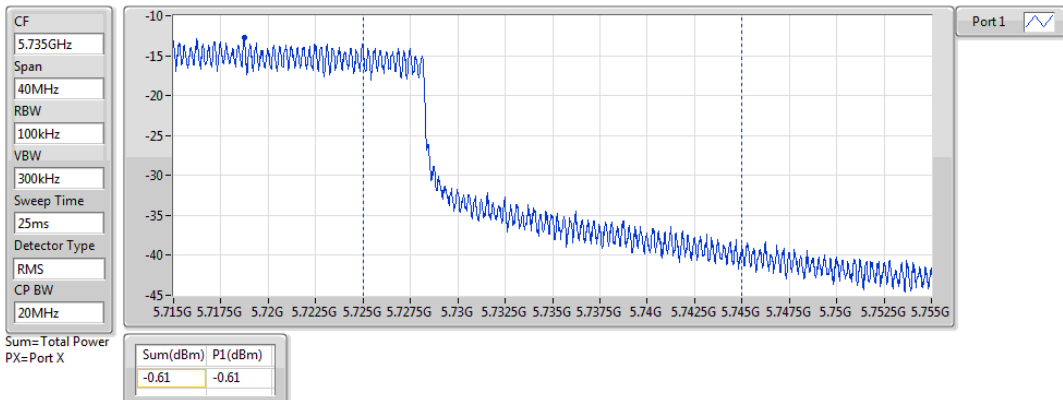


802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

18/07/2019



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX(Port1)	6.99	11.66
802.11a_Nss1,(6Mbps)_1TX(Port2)	6.25	11.16
802.11a_Nss1,(6Mbps)_2TX	9.15	16.95
802.11ac VHT20_Nss1,(MCS0)_1TX(Port1)	6.64	11.31
802.11ac VHT20_Nss1,(MCS0)_1TX(Port2)	5.77	10.68
802.11ac VHT20_Nss1,(MCS0)_2TX	9.15	16.95
802.11ac VHT40_Nss1,(MCS0)_1TX(Port1)	3.46	8.13
802.11ac VHT40_Nss1,(MCS0)_1TX(Port2)	2.98	7.89
802.11ac VHT40_Nss1,(MCS0)_2TX	6.27	14.07
802.11ac VHT80_Nss1,(MCS0)_1TX(Port1)	-1.51	3.16
802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)	-1.42	3.49
802.11ac VHT80_Nss1,(MCS0)_2TX	0.26	8.06
802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)	6.60	11.27
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	5.75	10.66
802.11ax HEW20_Nss1,(MCS0)_2TX	9.08	16.88
802.11ax HEW40_Nss1,(MCS0)_1TX(Port1)	3.48	8.15
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	2.94	7.85
802.11ax HEW40_Nss1,(MCS0)_2TX	6.16	13.96
802.11ax HEW80_Nss1,(MCS0)_1TX(Port1)	-1.39	3.28
802.11ax HEW80_Nss1,(MCS0)_1TX(Port2)	-1.39	3.52
802.11ax HEW80_Nss1,(MCS0)_2TX	0.22	8.02
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX(Port1)	7.44	12.73
802.11a_Nss1,(6Mbps)_1TX(Port2)	6.82	11.80
802.11a_Nss1,(6Mbps)_2TX	8.83	16.98
802.11ac VHT20_Nss1,(MCS0)_1TX(Port1)	7.01	12.30
802.11ac VHT20_Nss1,(MCS0)_1TX(Port2)	5.98	10.96
802.11ac VHT20_Nss1,(MCS0)_2TX	8.40	16.55
802.11ac VHT40_Nss1,(MCS0)_1TX(Port1)	3.51	8.80
802.11ac VHT40_Nss1,(MCS0)_1TX(Port2)	2.93	7.91
802.11ac VHT40_Nss1,(MCS0)_2TX	6.38	14.53
802.11ac VHT80_Nss1,(MCS0)_1TX(Port1)	0.51	5.80
802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)	-0.58	4.40
802.11ac VHT80_Nss1,(MCS0)_2TX	3.04	11.19
802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)	6.91	12.20
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	5.88	10.86
802.11ax HEW20_Nss1,(MCS0)_2TX	8.74	16.89
802.11ax HEW40_Nss1,(MCS0)_1TX(Port1)	3.70	8.99
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	2.91	7.89
802.11ax HEW40_Nss1,(MCS0)_2TX	6.18	14.33
802.11ax HEW80_Nss1,(MCS0)_1TX(Port1)	0.49	5.78
802.11ax HEW80_Nss1,(MCS0)_1TX(Port2)	-0.57	4.41
802.11ax HEW80_Nss1,(MCS0)_2TX	2.97	11.12



Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX(Port1)	5.37	10.14
802.11a_Nss1,(6Mbps)_1TX(Port2)	5.11	10.01
802.11a_Nss1,(6Mbps)_2TX	7.36	15.21
802.11ac VHT20_Nss1,(MCS0)_1TX(Port1)	4.92	9.69
802.11ac VHT20_Nss1,(MCS0)_1TX(Port2)	4.64	9.54
802.11ac VHT20_Nss1,(MCS0)_2TX	6.49	14.34
802.11ac VHT40_Nss1,(MCS0)_1TX(Port1)	0.92	5.69
802.11ac VHT40_Nss1,(MCS0)_1TX(Port2)	0.61	5.51
802.11ac VHT40_Nss1,(MCS0)_2TX	3.81	11.66
802.11ac VHT80_Nss1,(MCS0)_1TX(Port1)	-3.01	1.76
802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)	-3.25	1.65
802.11ac VHT80_Nss1,(MCS0)_2TX	-0.06	7.79
802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)	4.85	9.62
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	4.59	9.49
802.11ax HEW20_Nss1,(MCS0)_2TX	6.89	14.74
802.11ax HEW40_Nss1,(MCS0)_1TX(Port1)	0.84	5.61
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	0.54	5.44
802.11ax HEW40_Nss1,(MCS0)_2TX	3.77	11.62
802.11ax HEW80_Nss1,(MCS0)_1TX(Port1)	-2.81	1.96
802.11ax HEW80_Nss1,(MCS0)_1TX(Port2)	-3.11	1.79
802.11ax HEW80_Nss1,(MCS0)_2TX	0.08	7.93

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-	-	-	-	-
5260MHz	Pass	4.67	6.62		6.62	11.00	11.29	17.00
5300MHz	Pass	4.67	6.58		6.58	11.00	11.25	17.00
5320MHz	Pass	4.67	6.99		6.99	11.00	11.66	17.00
5500MHz	Pass	5.29	7.29		7.29	11.00	12.58	17.00
5580MHz	Pass	5.29	6.61		6.61	11.00	11.90	17.00
5700MHz	Pass	5.29	5.80		5.80	11.00	11.09	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.29	7.44		7.44	11.00	12.73	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.77	5.37		5.37	30.00	10.14	36.00
802.11a_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-	-	-
5260MHz	Pass	4.91		6.25	6.25	11.00	11.16	17.00
5300MHz	Pass	4.91		5.95	5.95	11.00	10.86	17.00
5320MHz	Pass	4.91		6.08	6.08	11.00	10.99	17.00
5500MHz	Pass	4.98		6.82	6.82	11.00	11.80	17.00
5580MHz	Pass	4.98		6.05	6.05	11.00	11.03	17.00
5700MHz	Pass	4.98		5.05	5.05	11.00	10.03	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.98		6.18	6.18	11.00	11.16	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.90		5.11	5.11	30.00	10.01	36.00
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	7.80	6.10	5.68	8.88	9.20	16.68	17.00
5300MHz	Pass	7.80	6.66	5.63	9.15	9.20	16.95	17.00
5320MHz	Pass	7.80	6.11	5.76	8.93	9.20	16.73	17.00
5500MHz	Pass	8.15	6.12	5.34	8.75	8.85	16.90	17.00
5580MHz	Pass	8.15	6.08	5.28	8.70	8.85	16.85	17.00
5700MHz	Pass	8.15	5.40	3.98	7.72	8.85	15.87	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.15	6.46	5.26	8.83	8.85	16.98	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	7.85	4.73	4.02	7.36	28.15	15.21	36.00
802.11ac_VHT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-	-	-
5260MHz	Pass	4.67	6.32		6.32	11.00	10.99	17.00
5300MHz	Pass	4.67	6.27		6.27	11.00	10.94	17.00
5320MHz	Pass	4.67	6.64		6.64	11.00	11.31	17.00
5500MHz	Pass	5.29	5.99		5.99	11.00	11.28	17.00
5580MHz	Pass	5.29	6.29		6.29	11.00	11.58	17.00
5700MHz	Pass	5.29	5.39		5.39	11.00	10.68	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.29	7.01		7.01	11.00	12.30	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.77	4.92		4.92	30.00	9.69	36.00
802.11ac_VHT20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-	-	-
5260MHz	Pass	4.91		5.77	5.77	11.00	10.68	17.00
5300MHz	Pass	4.91		5.48	5.48	11.00	10.39	17.00
5320MHz	Pass	4.91		5.63	5.63	11.00	10.54	17.00
5500MHz	Pass	4.98		5.98	5.98	11.00	10.96	17.00
5580MHz	Pass	4.98		5.69	5.69	11.00	10.67	17.00
5700MHz	Pass	4.98		4.90	4.90	11.00	9.88	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.98		5.74	5.74	11.00	10.72	17.00