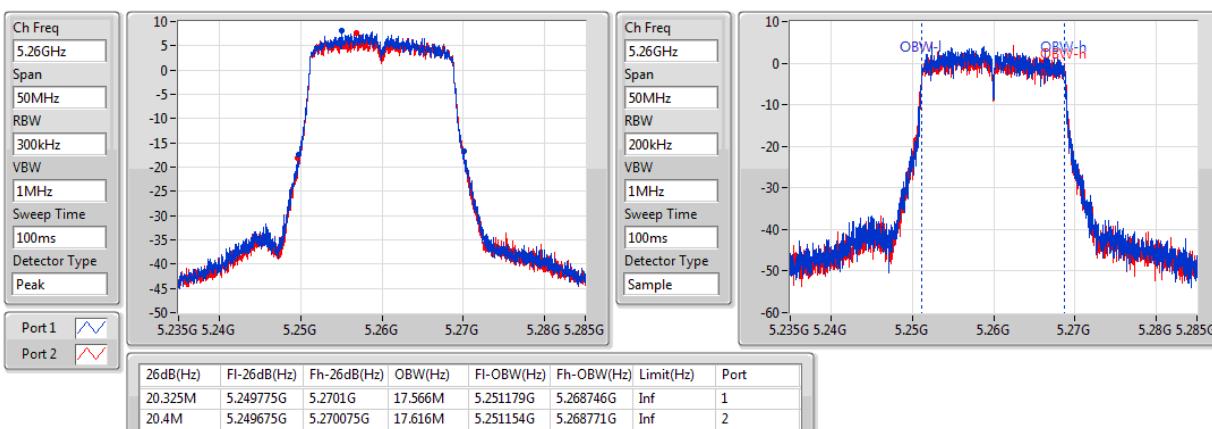
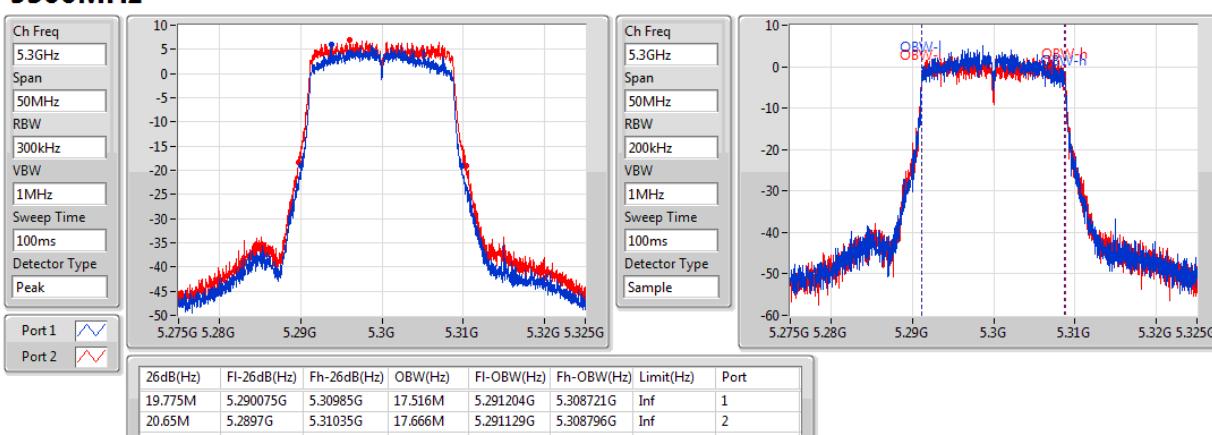
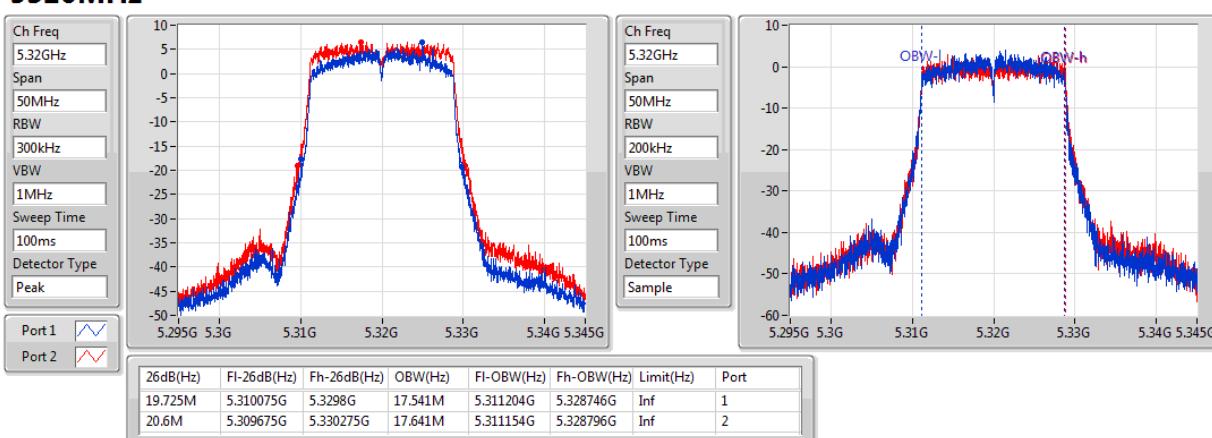
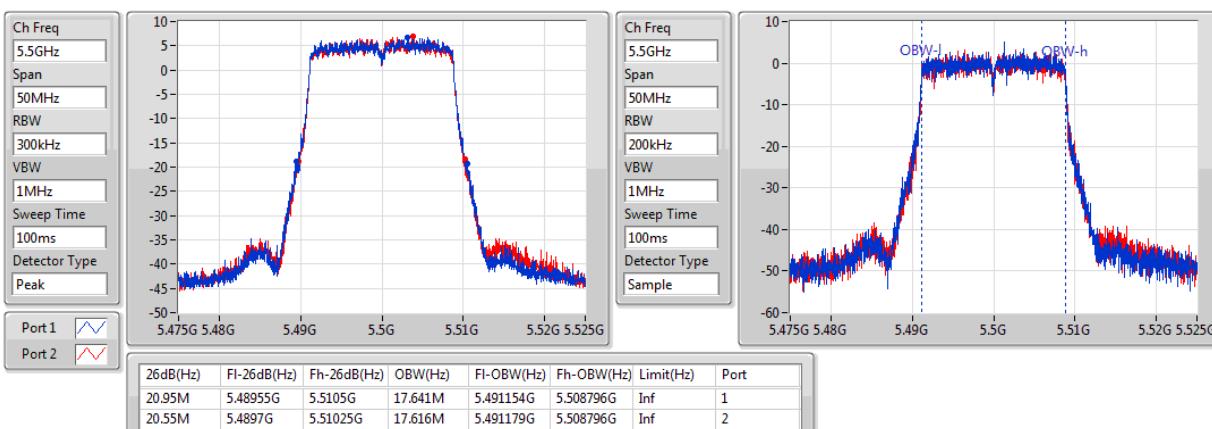
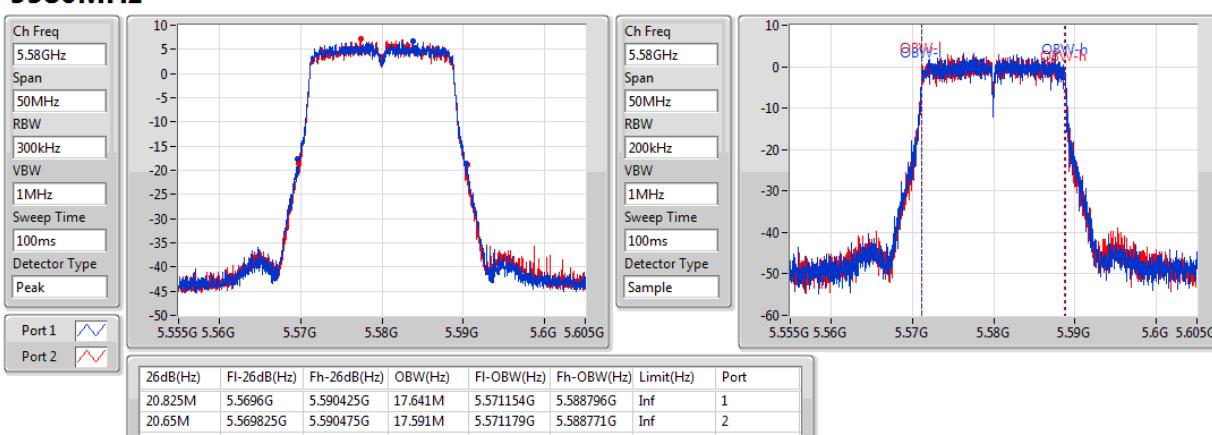
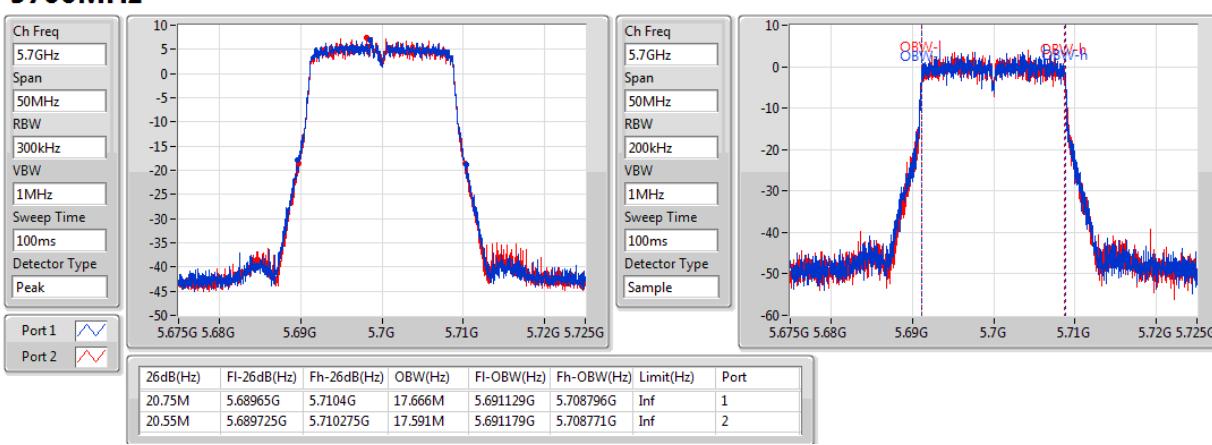
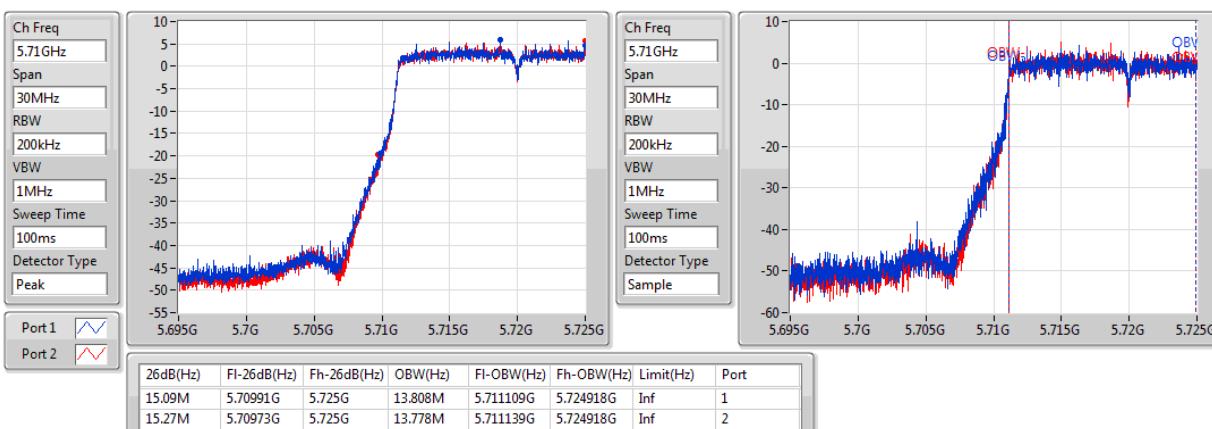
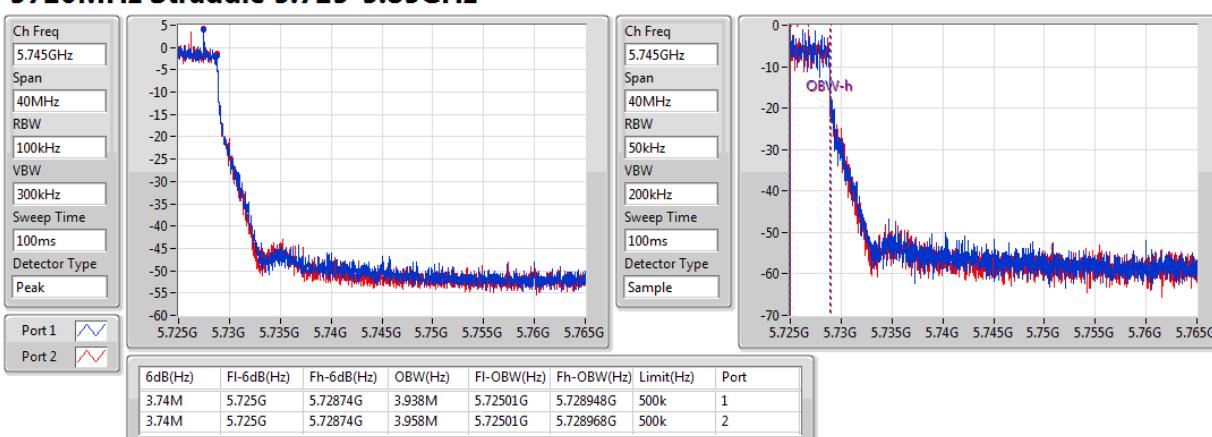
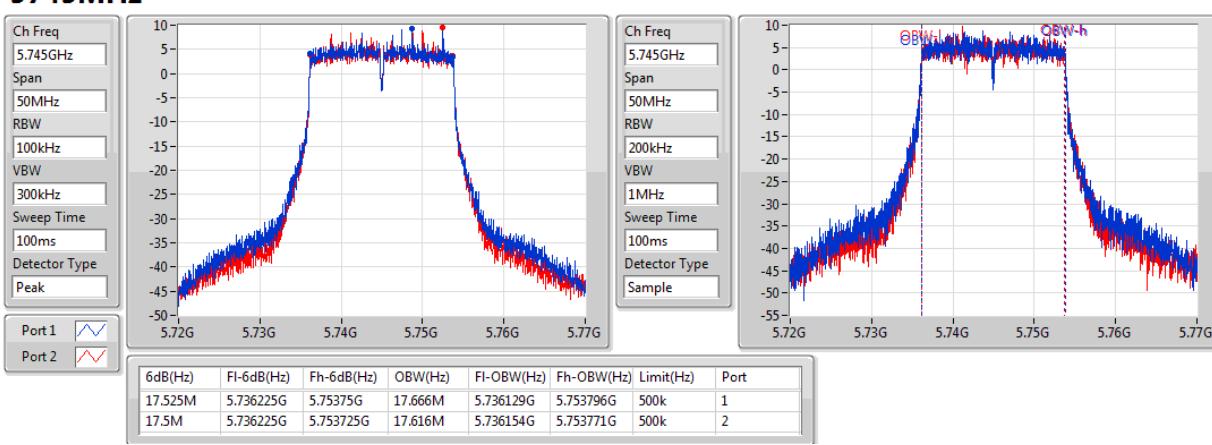
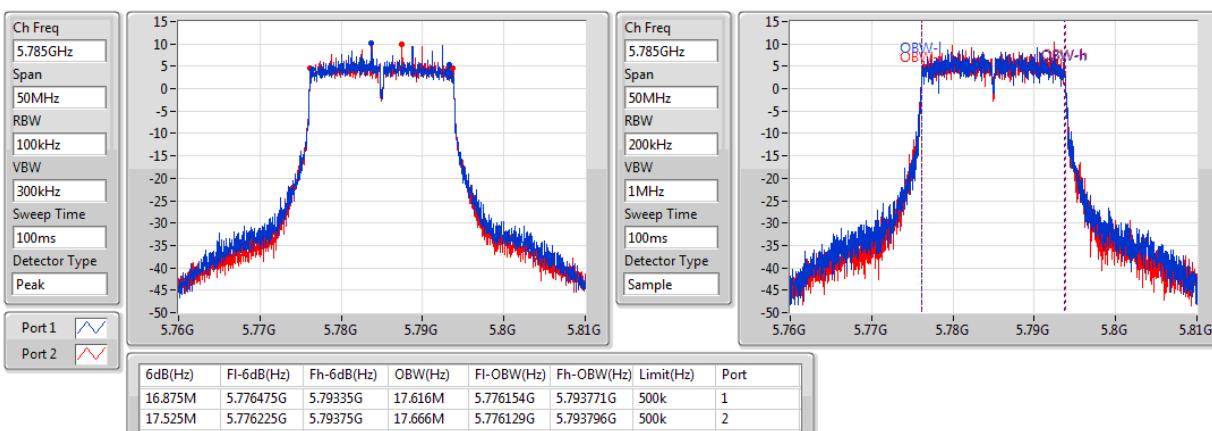
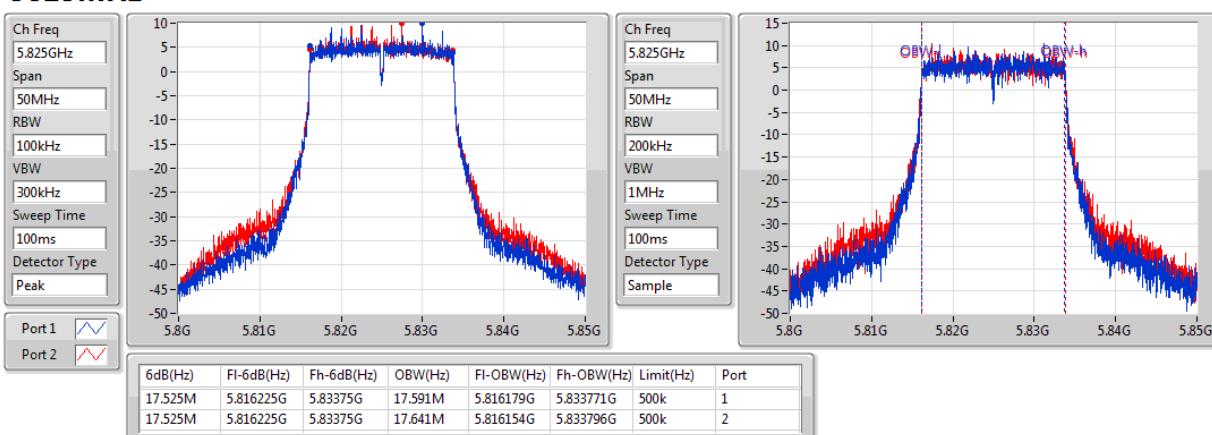
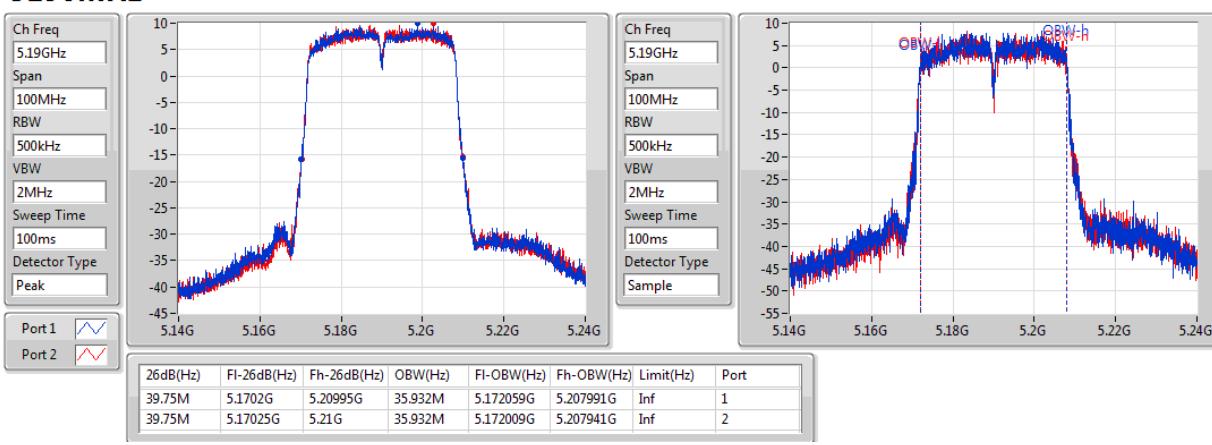
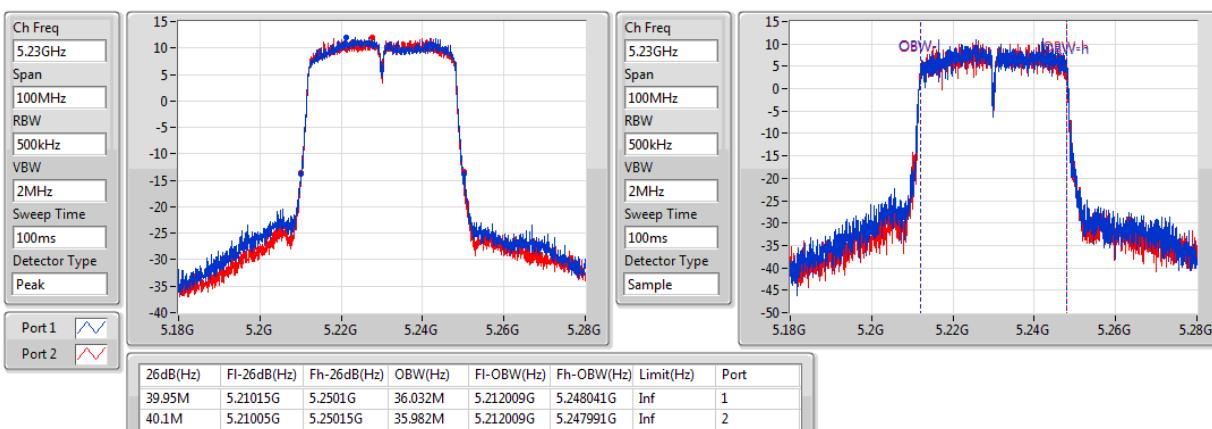
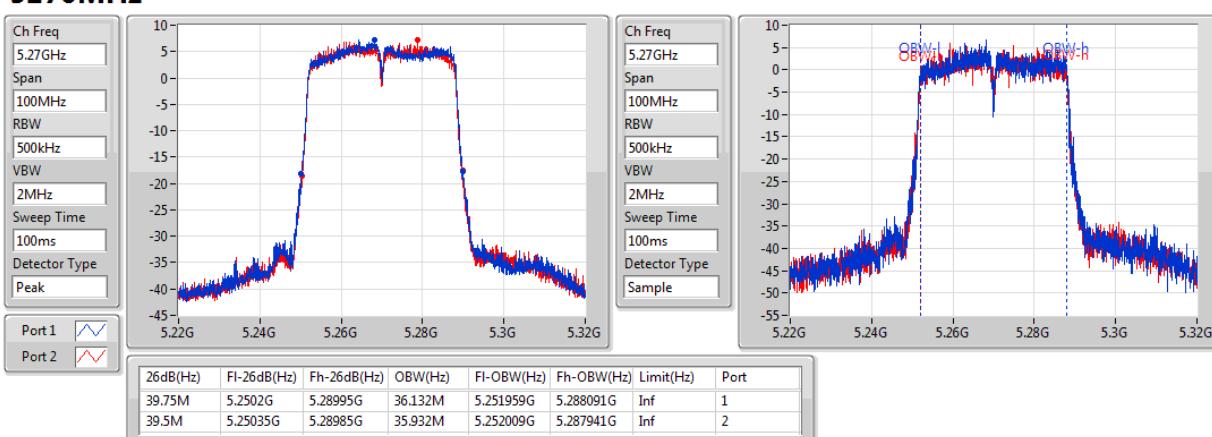
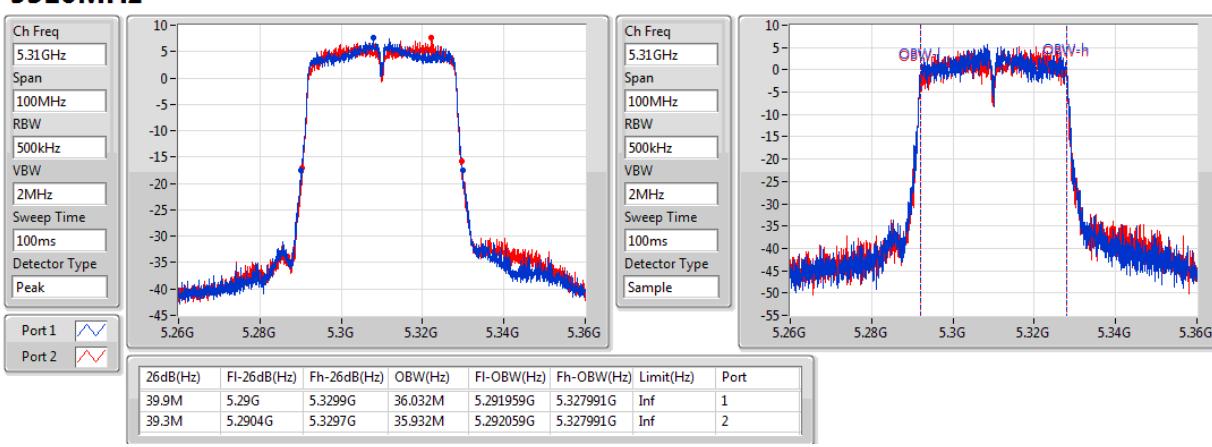


**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX****EBW****5260MHz****802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX****EBW****5300MHz****802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX****EBW****5320MHz**

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX****EBW****5500MHz****802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX****EBW****5580MHz****802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX****EBW****5700MHz**

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX****EBW****5720MHz Straddle 5.47-5.725GHz****802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX****EBW****5720MHz Straddle 5.725-5.85GHz****802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX****EBW****5745MHz**

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX****EBW****5785MHz****802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX****EBW****5825MHz****802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX****EBW****5190MHz**

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX****EBW****5230MHz****802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX****EBW****5270MHz****802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX****EBW****5310MHz**

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX****EBW****5510MHz****Ch Freq**

5.51GHz

**Span**

100MHz

**RBW**

500kHz

**VBW**

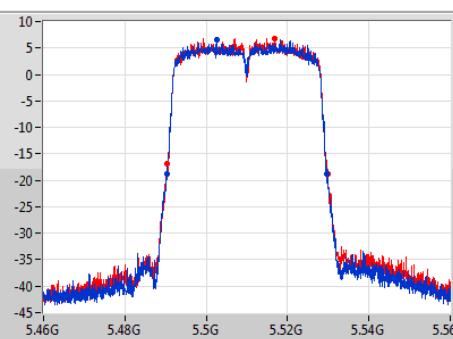
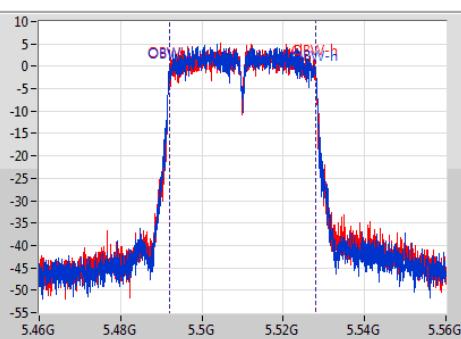
2MHz

**Sweep Time**

100ms

**Detector Type**

Peak

**Port 1****Port 2****Ch Freq**  
5.51GHz  
**Span**  
100MHz  
**RBW**  
500kHz  
**VBW**  
2MHz  
**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
39.4M	5.49025G	5.52965G	35.982M	5.491959G	5.527941G	Inf	1
39.6M	5.49035G	5.52995G	35.932M	5.492009G	5.527941G	Inf	2

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX****EBW****5550MHz****Ch Freq**

5.55GHz

**Span**

100MHz

**RBW**

500kHz

**VBW**

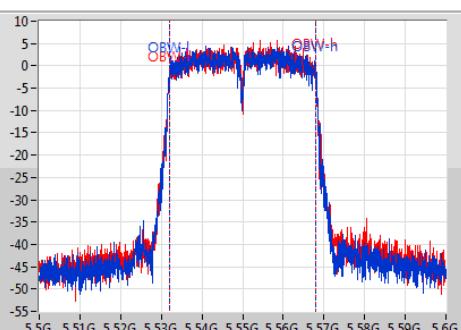
2MHz

**Sweep Time**

100ms

**Detector Type**

Peak

**Port 1****Port 2****Ch Freq**  
5.55GHz  
**Span**  
100MHz  
**RBW**  
500kHz  
**VBW**  
2MHz  
**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
39.9M	5.5302G	5.5701G	35.882M	5.532009G	5.567891G	Inf	1
39.65M	5.53015G	5.5698G	35.882M	5.532059G	5.567941G	Inf	2

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX****EBW****5670MHz****Ch Freq**

5.67GHz

**Span**

100MHz

**RBW**

500kHz

**VBW**

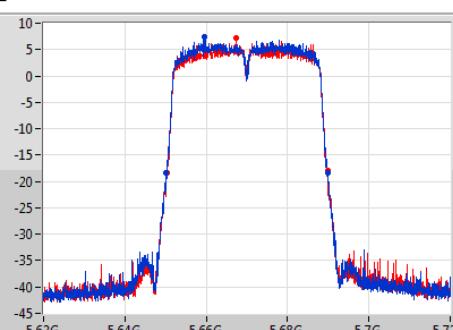
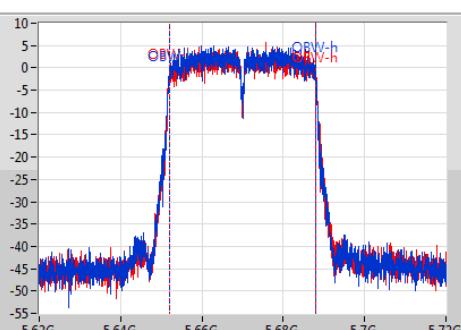
2MHz

**Sweep Time**

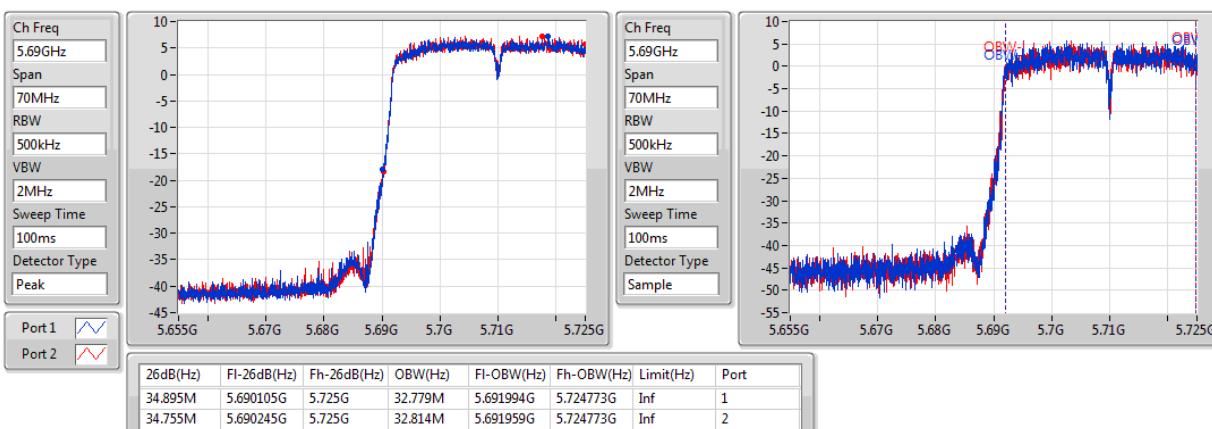
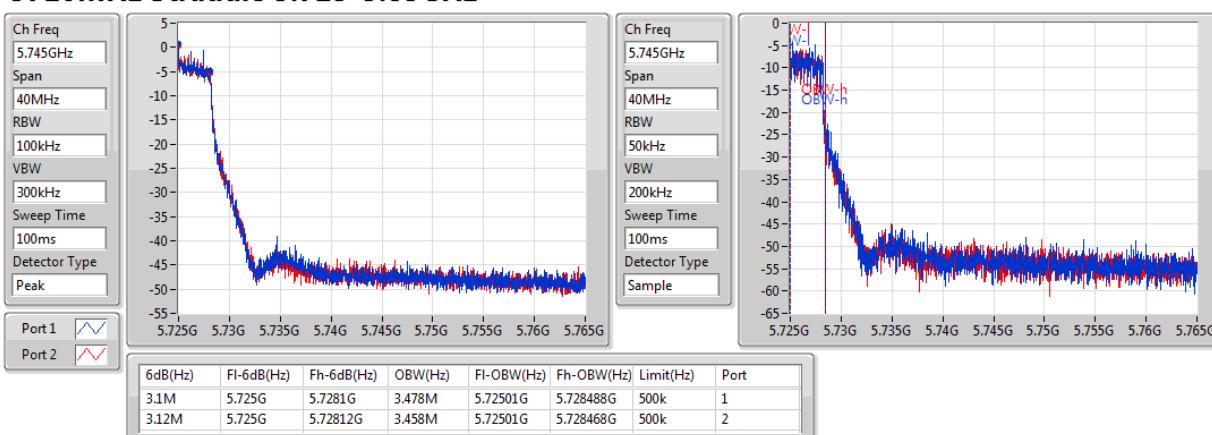
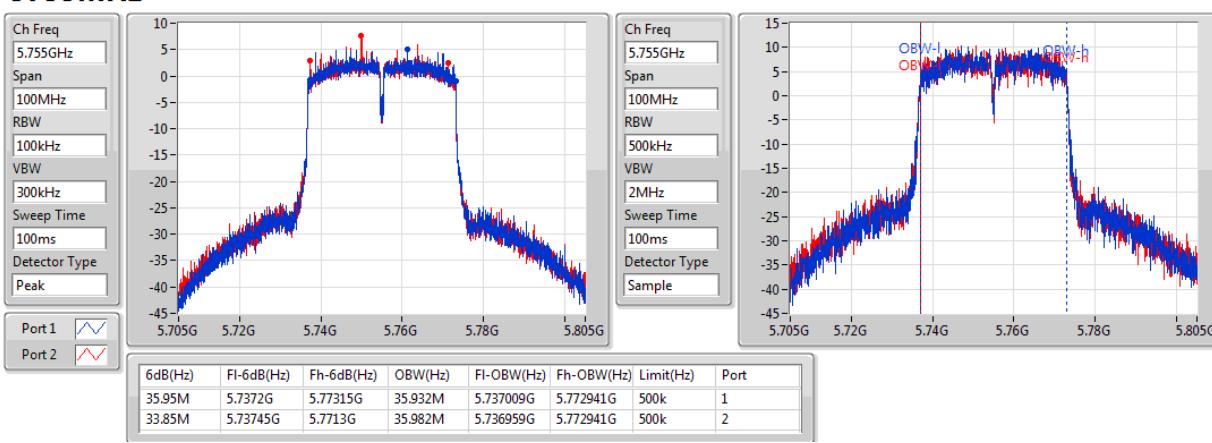
100ms

**Detector Type**

Peak

**Port 1****Port 2****Ch Freq**  
5.67GHz  
**Span**  
100MHz  
**RBW**  
500kHz  
**VBW**  
2MHz  
**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
39.6M	5.6502G	5.6898G	35.932M	5.652009G	5.687941G	Inf	1
39.6M	5.6503G	5.6899G	35.982M	5.652009G	5.687991G	Inf	2

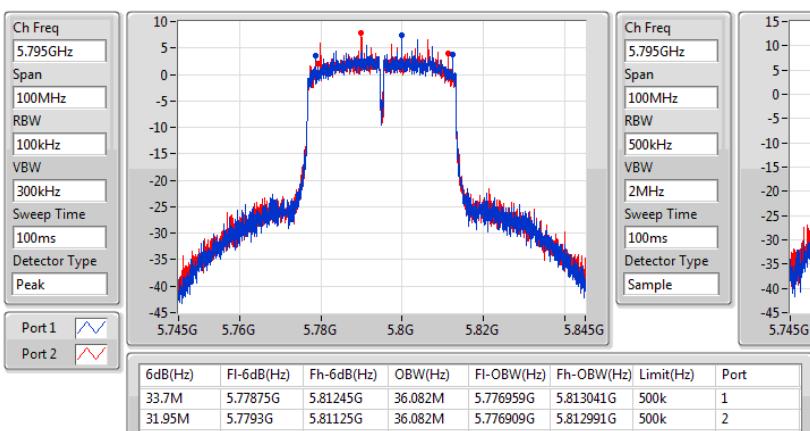
**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX****EBW****5710MHz Straddle 5.47-5.725GHz****802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX****EBW****5710MHz Straddle 5.725-5.85GHz****802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX****EBW****5755MHz**



## 802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

EBW

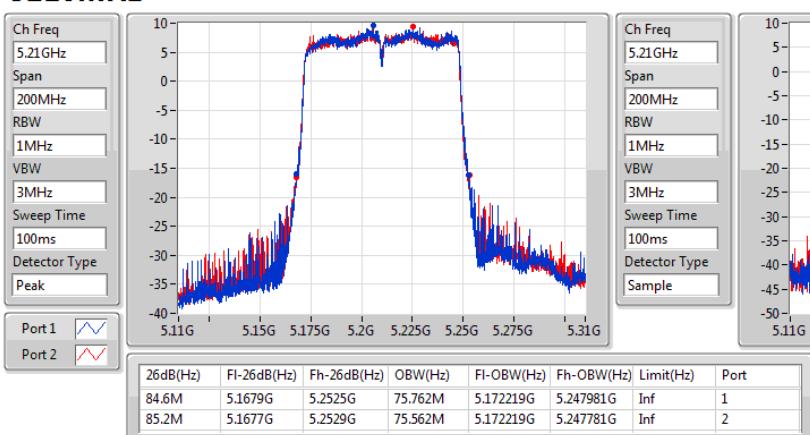
5795MHz



## 802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

EBW

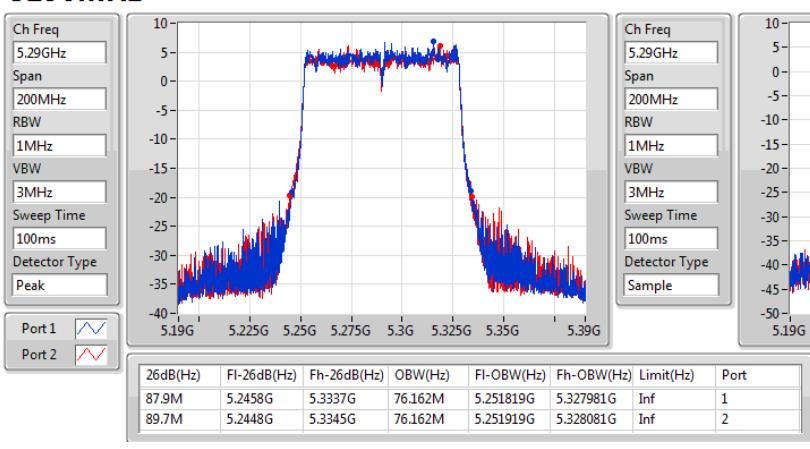
5210MHz

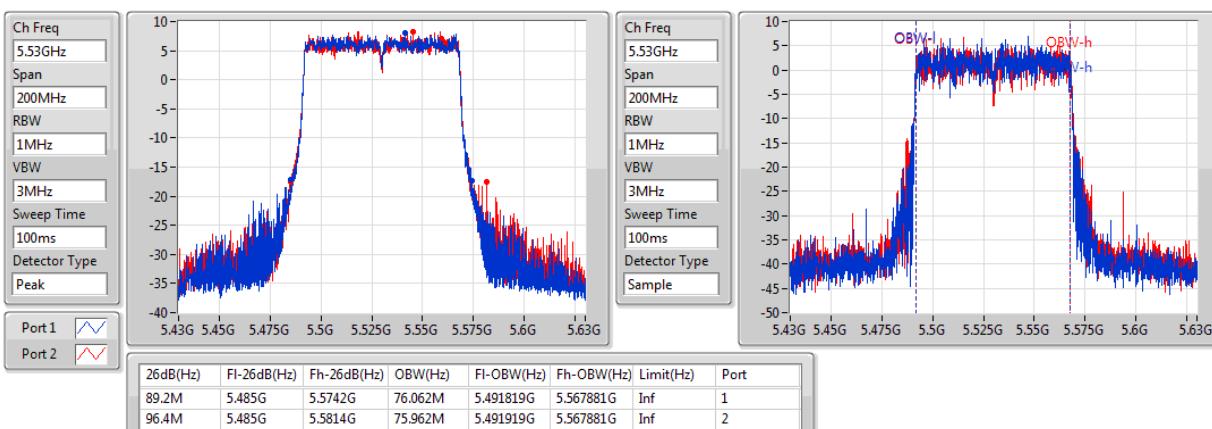
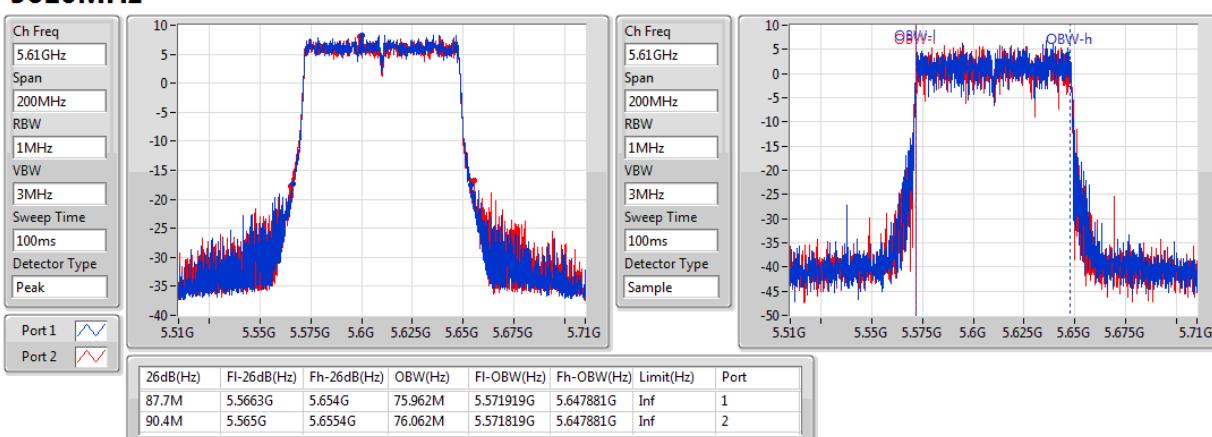
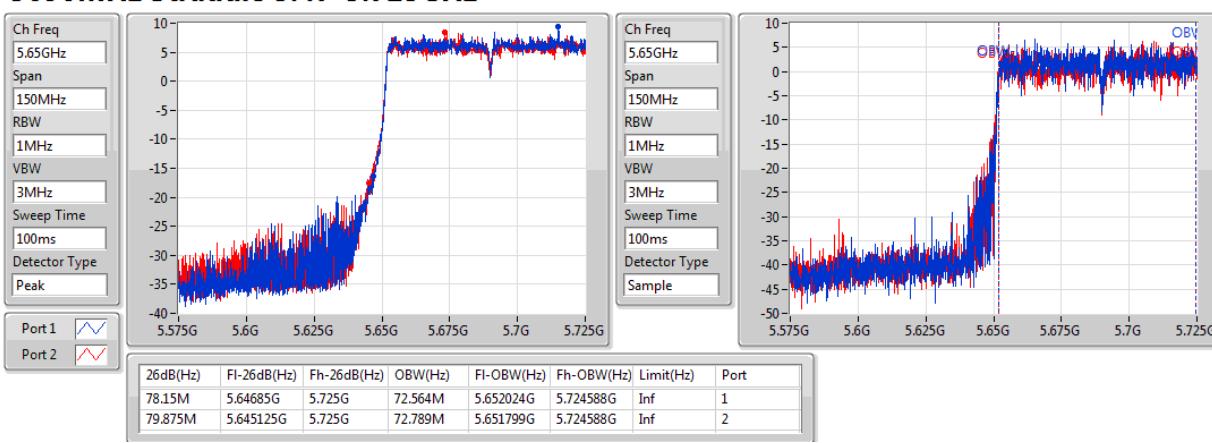


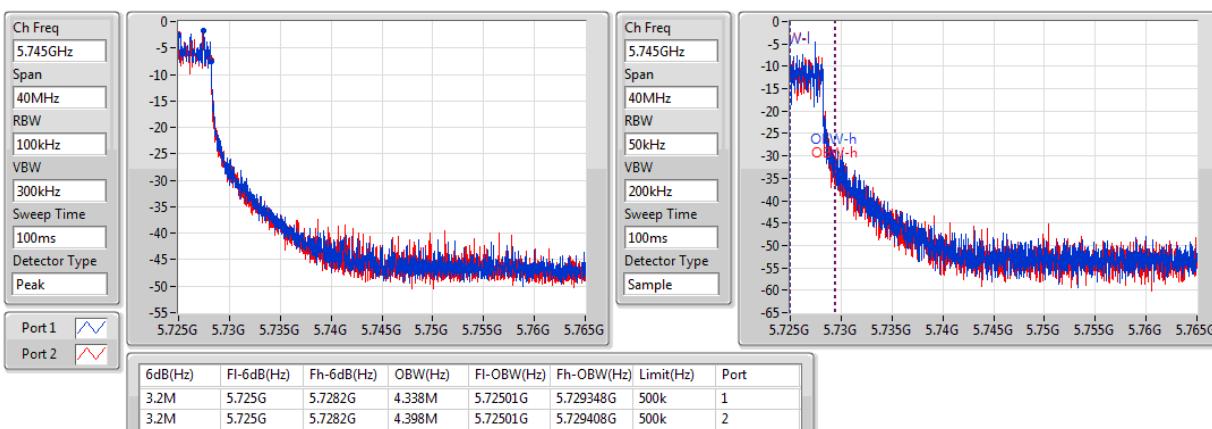
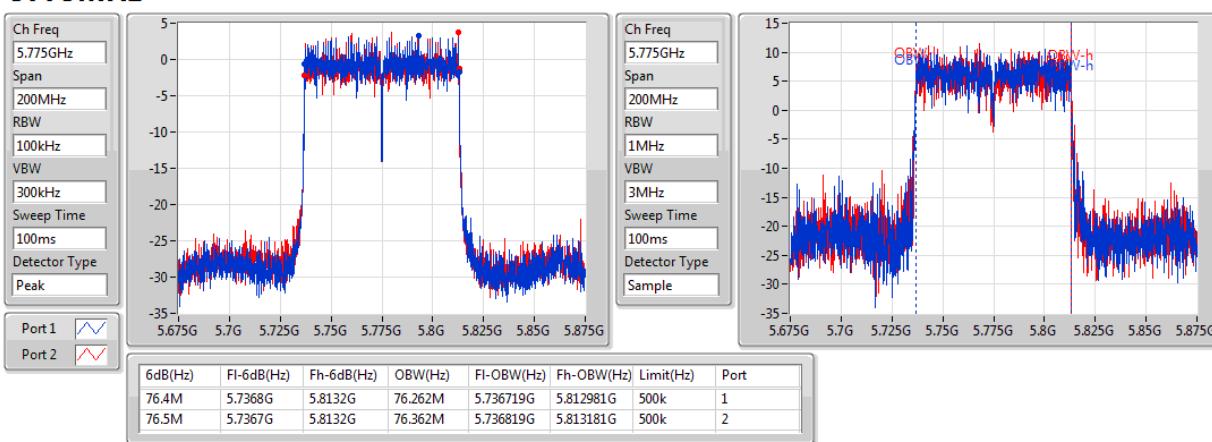
## 802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

EBW

5290MHz



**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX****EBW****5530MHz****802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX****EBW****5610MHz****802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX****EBW****5690MHz Straddle 5.47-5.725GHz**

**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX****EBW****5690MHz Straddle 5.725-5.85GHz****802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX****EBW****5775MHz**



**For Set 3 antennas / 3TX:**  
**<For Non-Beamforming Mode>**  
**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
802.11a_(6Mbps)_3TX	-	-	-	-	-
5.15-5.25GHz	19.85M	16.417M	16M4D1D	19.05M	16.367M
5.25-5.35GHz	19.7M	16.442M	16M4D1D	18.8M	16.342M
5.47-5.725GHz	19.8M	16.442M	16M4D1D	14.625M	13.178M
5.725-5.85GHz	16.325M	16.467M	16M5D1D	3.12M	3.438M
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-
5.15-5.25GHz	21M	17.691M	17M7D1D	19.825M	17.591M
5.25-5.35GHz	20.975M	17.691M	17M7D1D	19.875M	17.516M
5.47-5.725GHz	21.1M	17.641M	17M6D1D	15.135M	13.808M
5.725-5.85GHz	17.575M	17.666M	17M7D1D	3.72M	3.998M
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-
5.15-5.25GHz	39.8M	36.032M	36M0D1D	39.5M	35.832M
5.25-5.35GHz	39.95M	36.082M	36M1D1D	39.1M	35.732M
5.47-5.725GHz	40.05M	36.032M	36M0D1D	34.755M	32.744M
5.725-5.85GHz	36.25M	36.232M	36M2D1D	3.12M	3.458M
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-
5.15-5.25GHz	87.1M	75.662M	75M7D1D	84.5M	75.562M
5.25-5.35GHz	85.5M	75.962M	76M0D1D	84.5M	75.462M
5.47-5.725GHz	88.2M	75.862M	75M9D1D	76.725M	72.339M
5.725-5.85GHz	75M	75.662M	75M7D1D	3.1M	5.997M

**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)
802.11a_(6Mbps)_3TX	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	19.225M	16.367M	19.3M	16.417M	19.85M	16.417M
5200MHz	Pass	Inf	19.1M	16.367M	19.175M	16.392M	19.55M	16.392M
5240MHz	Pass	Inf	19.075M	16.392M	19.275M	16.392M	19.05M	16.392M
5260MHz	Pass	Inf	18.95M	16.367M	19.3M	16.392M	19.6M	16.417M
5300MHz	Pass	Inf	18.8M	16.342M	19.275M	16.392M	19.65M	16.442M
5320MHz	Pass	Inf	19.075M	16.342M	19.7M	16.392M	19.425M	16.417M
5500MHz	Pass	Inf	19.675M	16.442M	19.4M	16.417M	19.8M	16.367M
5580MHz	Pass	Inf	19.375M	16.392M	19.275M	16.392M	19.7M	16.392M
5700MHz	Pass	Inf	19.325M	16.392M	19.35M	16.417M	19.45M	16.417M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.625M	13.193M	14.715M	13.193M	14.91M	13.178M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	3.438M	3.16M	3.458M	3.12M	3.458M
5745MHz	Pass	500k	16.325M	16.392M	16.325M	16.442M	16.275M	16.442M
5785MHz	Pass	500k	16.325M	16.442M	16.3M	16.417M	16.275M	16.442M
5825MHz	Pass	500k	16.3M	16.442M	16.325M	16.467M	16.3M	16.442M
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	20.6M	17.666M	20.9M	17.616M	20.65M	17.616M
5200MHz	Pass	Inf	20.625M	17.641M	21M	17.616M	20.55M	17.616M
5240MHz	Pass	Inf	20.925M	17.691M	20.675M	17.616M	19.825M	17.591M
5260MHz	Pass	Inf	20.975M	17.666M	20.4M	17.641M	20.3M	17.566M
5300MHz	Pass	Inf	20.625M	17.666M	20.85M	17.666M	19.875M	17.516M
5320MHz	Pass	Inf	20.475M	17.691M	20.475M	17.641M	19.95M	17.541M
5500MHz	Pass	Inf	20.15M	17.566M	20.55M	17.616M	21.1M	17.616M
5580MHz	Pass	Inf	20.45M	17.591M	20.4M	17.616M	20.55M	17.641M
5700MHz	Pass	Inf	20.725M	17.641M	20.6M	17.616M	20.85M	17.616M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.225M	13.823M	15.225M	13.808M	15.135M	13.853M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.74M	4.038M	3.76M	3.998M	3.72M	4.038M
5745MHz	Pass	500k	17.525M	17.666M	17.525M	17.616M	17.575M	17.641M
5785MHz	Pass	500k	17.525M	17.641M	17.55M	17.666M	17.525M	17.641M
5825MHz	Pass	500k	17.55M	17.641M	17.525M	17.666M	17.55M	17.666M
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.5M	35.932M	39.6M	35.982M	39.5M	35.982M
5230MHz	Pass	Inf	39.65M	35.832M	39.5M	35.882M	39.8M	36.032M
5270MHz	Pass	Inf	39.1M	35.732M	39.3M	35.932M	39.85M	36.082M
5310MHz	Pass	Inf	39.1M	35.832M	39.35M	35.882M	39.95M	36.082M
5510MHz	Pass	Inf	39.55M	36.032M	39.7M	35.932M	39.65M	35.932M
5550MHz	Pass	Inf	40.05M	35.932M	39.95M	36.032M	40M	35.982M
5670MHz	Pass	Inf	40.05M	35.832M	39.65M	35.882M	39.75M	35.982M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.755M	32.884M	34.79M	32.744M	34.965M	32.814M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	3.538M	3.12M	3.458M	3.14M	3.578M
5755MHz	Pass	500k	35.25M	36.182M	30.9M	36.232M	31.95M	36.082M
5795MHz	Pass	500k	35.1M	36.032M	36.25M	36.082M	35.65M	36.082M

**FCC Test Report****Report No. : FR760613AC**

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)
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	84.5M	75.562M	85.3M	75.662M	87.1M	75.562M
5290MHz	Pass	Inf	84.5M	75.462M	84.7M	75.762M	85.5M	75.962M
5530MHz	Pass	Inf	84.7M	75.762M	86.5M	75.662M	85.9M	75.662M
5610MHz	Pass	Inf	86.4M	75.762M	88.2M	75.762M	85.5M	75.862M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.725M	72.339M	77.25M	72.564M	77.1M	72.489M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	6.257M	3.12M	6.077M	3.12M	5.997M
5775MHz	Pass	500k	75M	75.462M	75M	75.662M	73.7M	75.662M

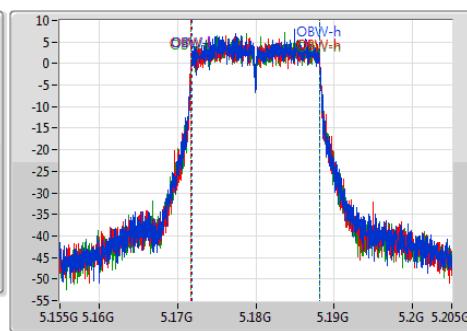
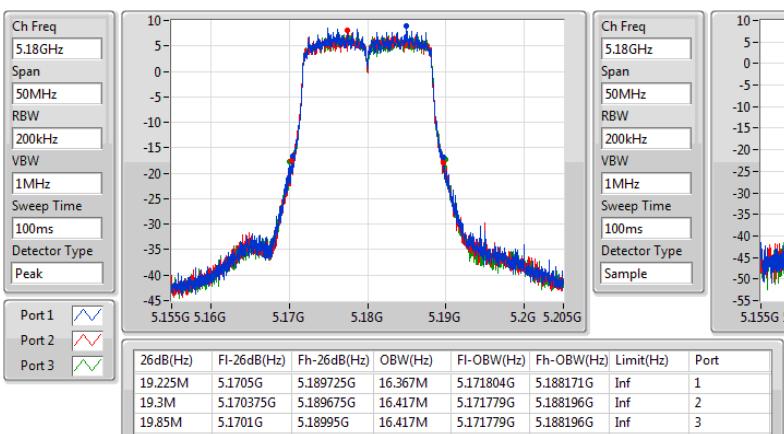
**Port X-N dB** = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band**Port X-OBW** = Port X 99% occupied bandwidth;



## 802.11a\_(6Mbps)\_3TX

EBW

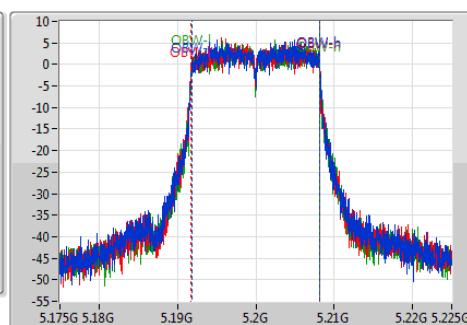
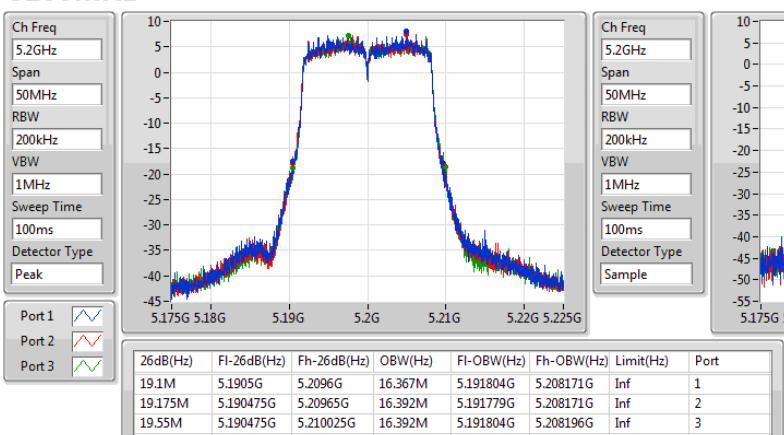
## 5180MHz



## 802.11a\_(6Mbps)\_3TX

EBW

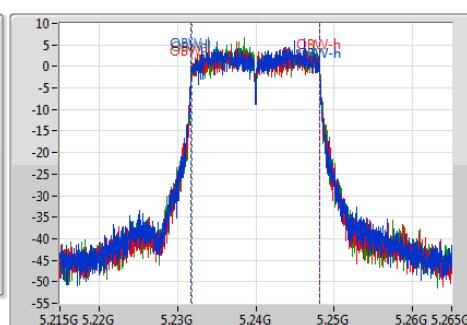
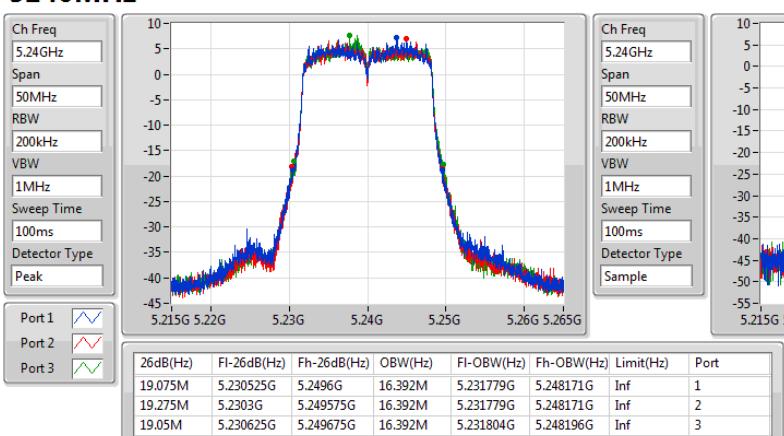
## 5200MHz



## 802.11a\_(6Mbps)\_3TX

EBW

## 5240MHz

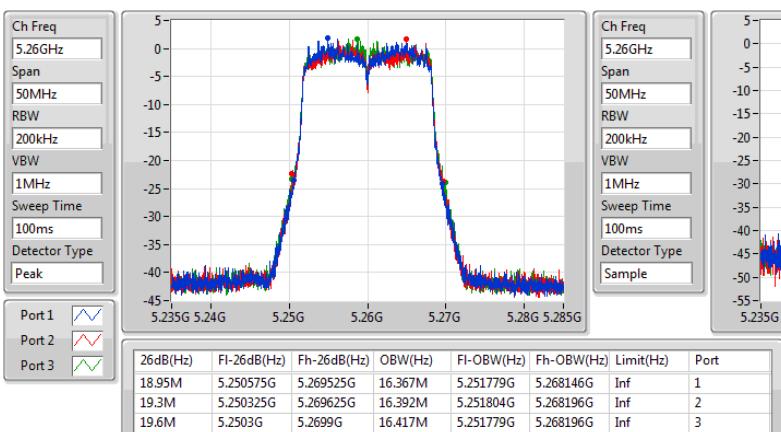




## 802.11a\_(6Mbps)\_3TX

EBW

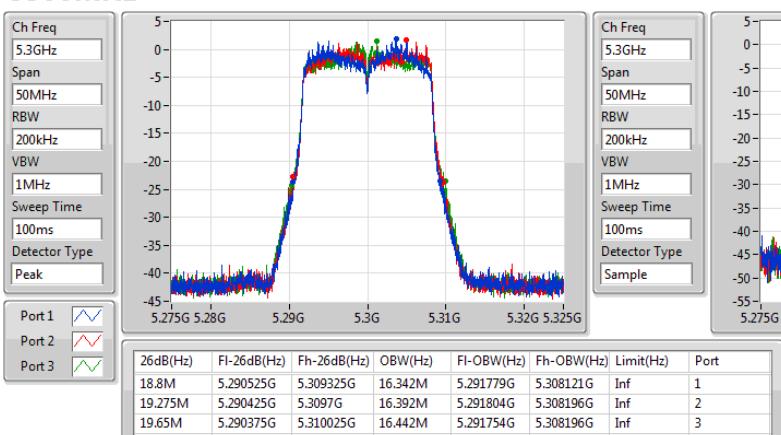
## 5260MHz



## 802.11a\_(6Mbps)\_3TX

EBW

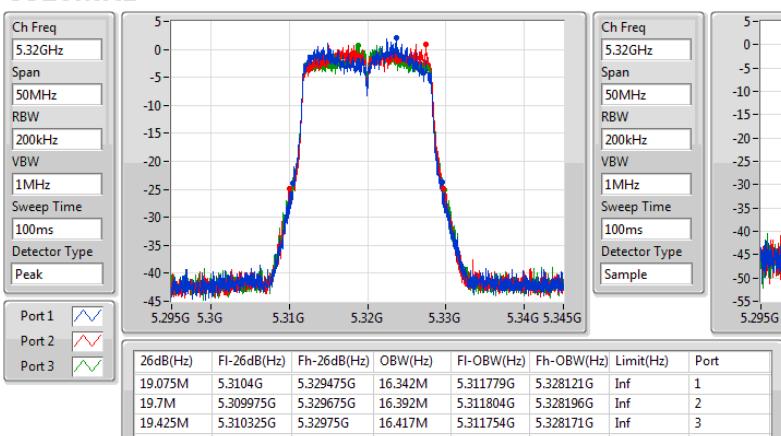
## 5300MHz



## 802.11a\_(6Mbps)\_3TX

EBW

## 5320MHz

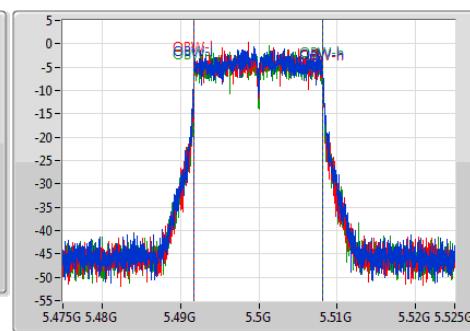
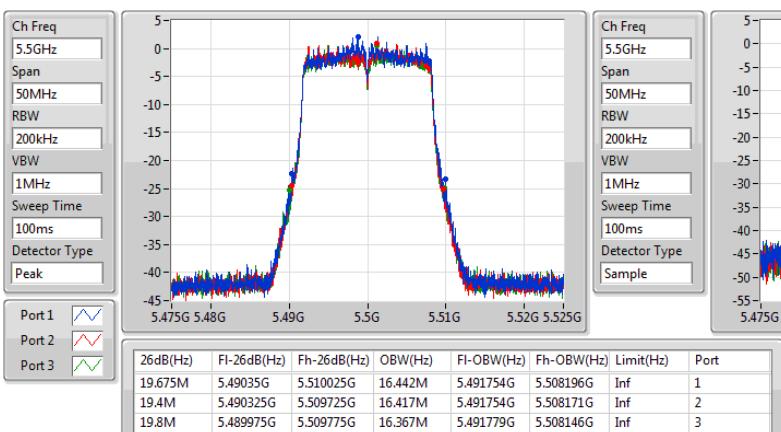




## 802.11a\_(6Mbps)\_3TX

EBW

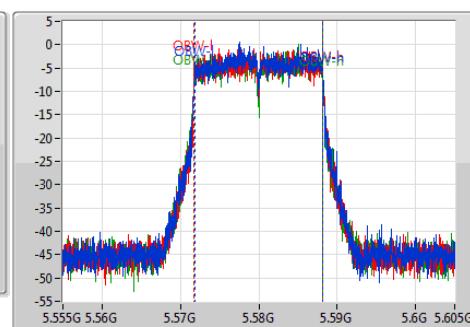
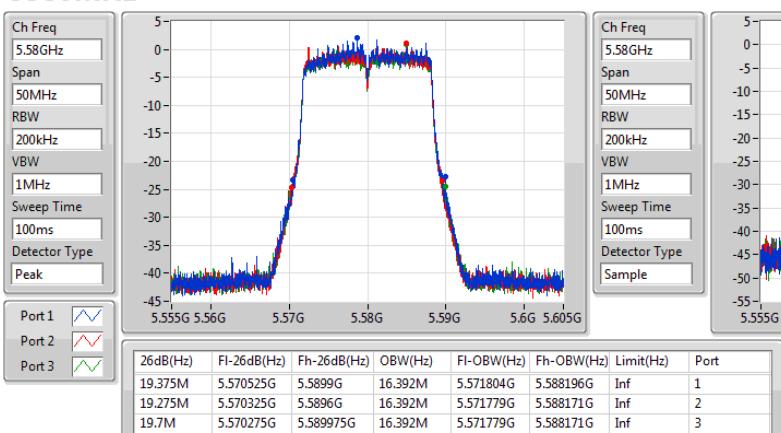
## 5500MHz



## 802.11a\_(6Mbps)\_3TX

EBW

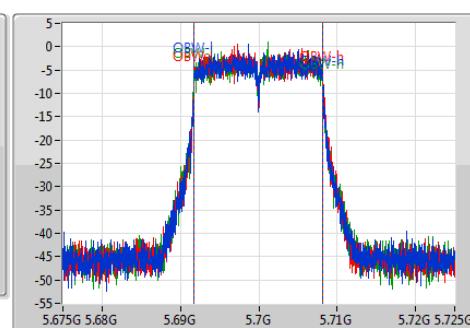
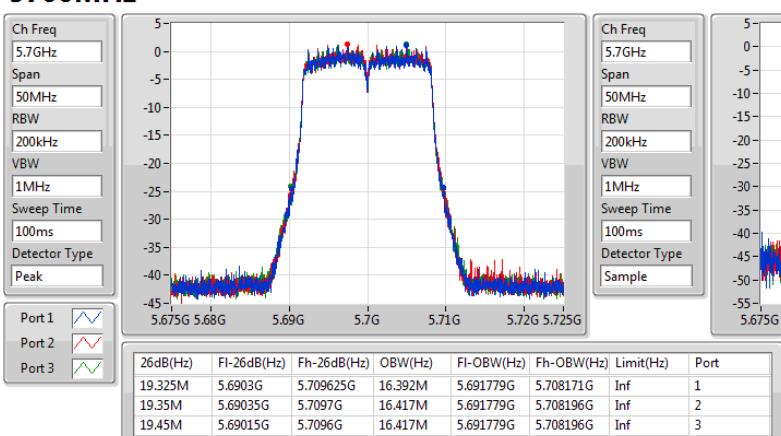
## 5580MHz



## 802.11a\_(6Mbps)\_3TX

EBW

## 5700MHz

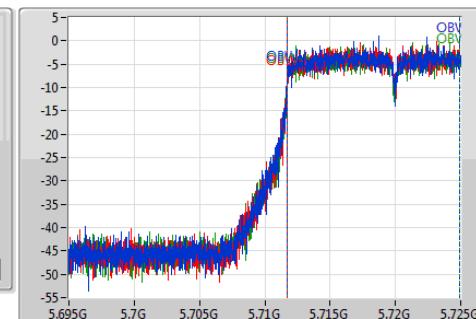
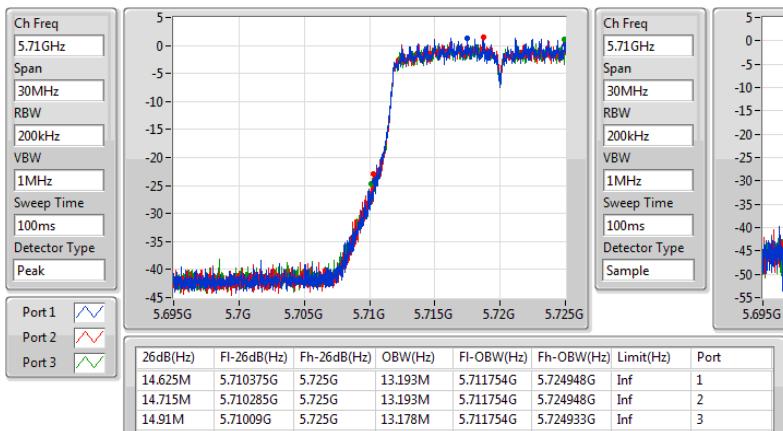




## 802.11a\_(6Mbps)\_3TX

EBW

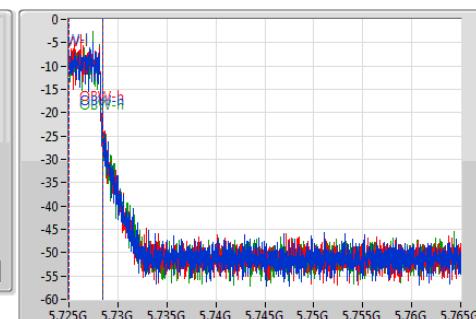
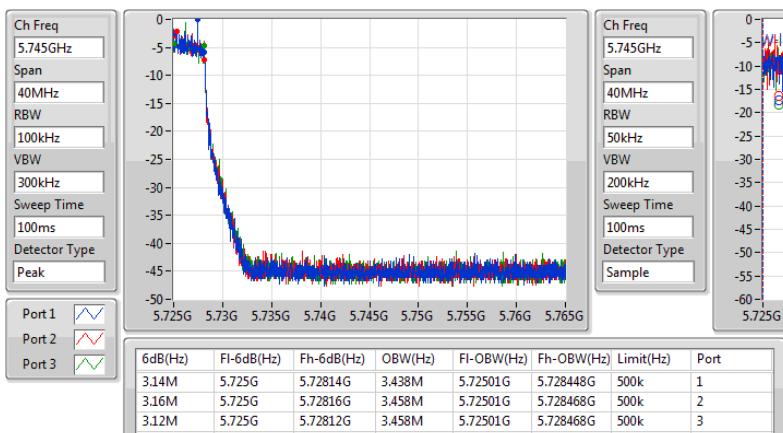
## 5720MHz Straddle 5.47-5.725GHz



## 802.11a\_(6Mbps)\_3TX

EBW

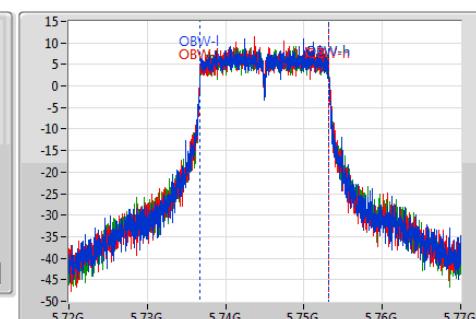
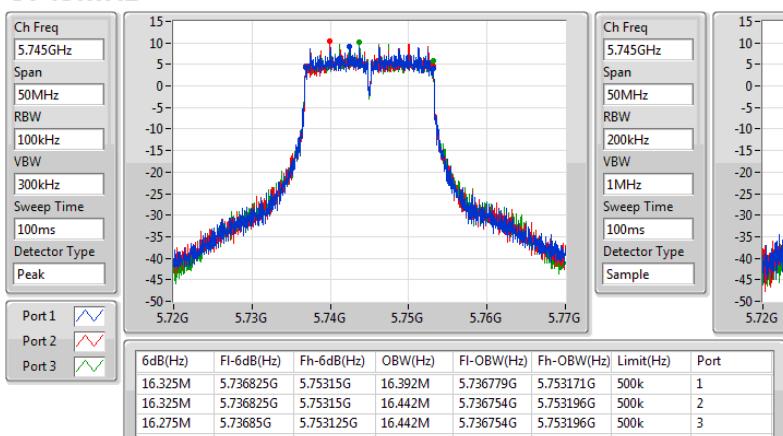
## 5720MHz Straddle 5.725-5.85GHz

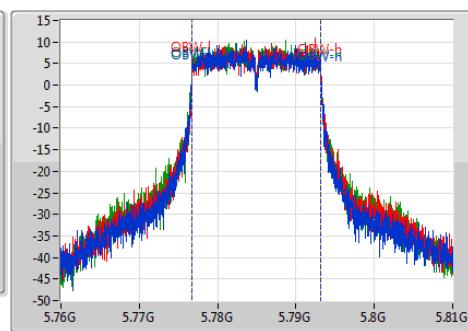
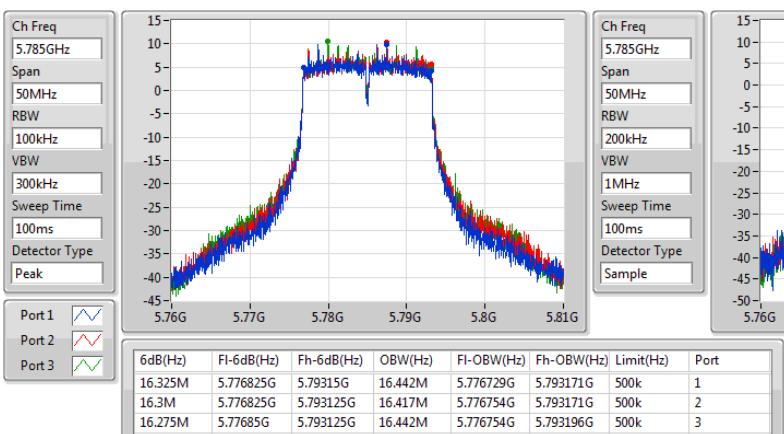
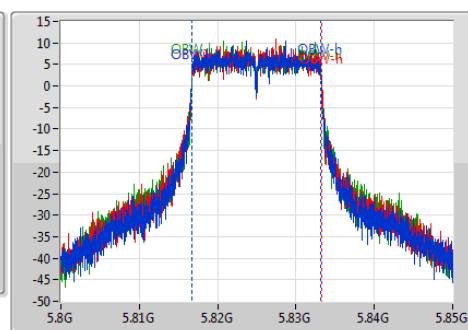
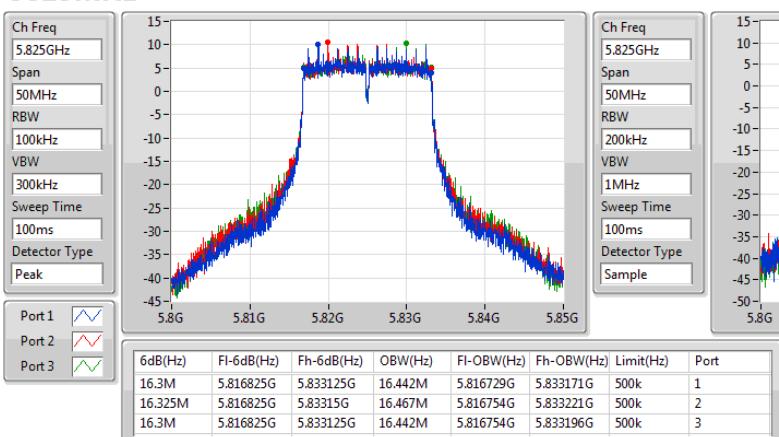
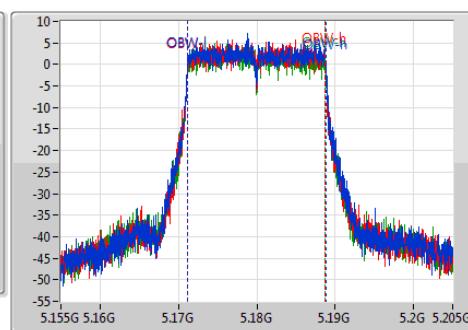
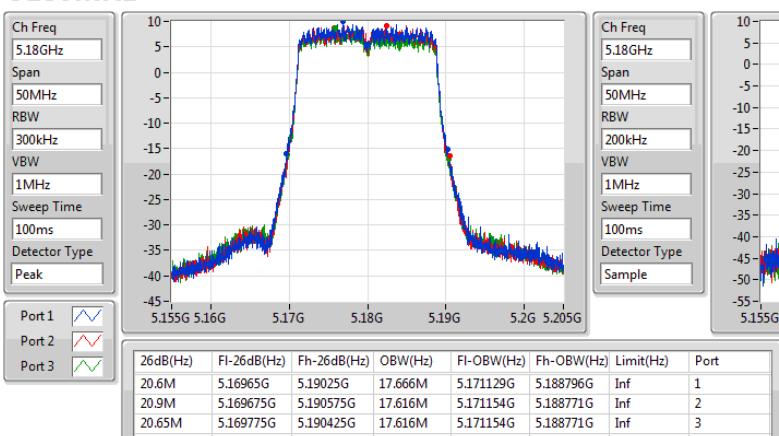


## 802.11a\_(6Mbps)\_3TX

EBW

## 5745MHz



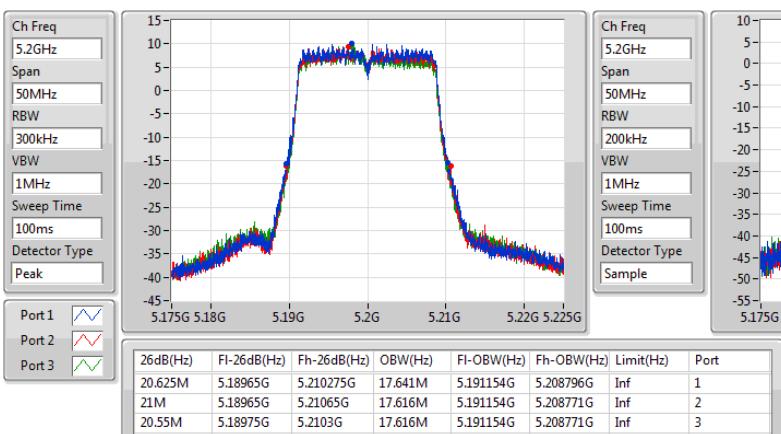
**802.11a\_(6Mbps)\_3TX****EBW****5785MHz****802.11a\_(6Mbps)\_3TX****EBW****5825MHz****802.11ac VHT20\_Nss1,(MCS0)\_3TX****EBW****5180MHz**



## 802.11ac VHT20\_Nss1,(MCS0)\_3TX

EBW

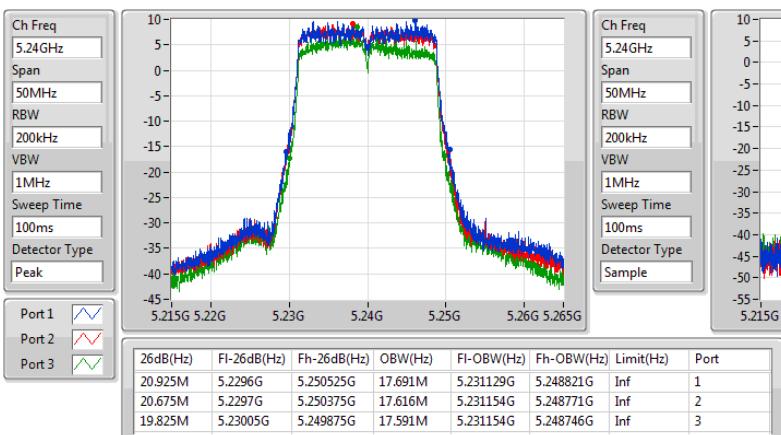
## 5200MHz



## 802.11ac VHT20\_Nss1,(MCS0)\_3TX

EBW

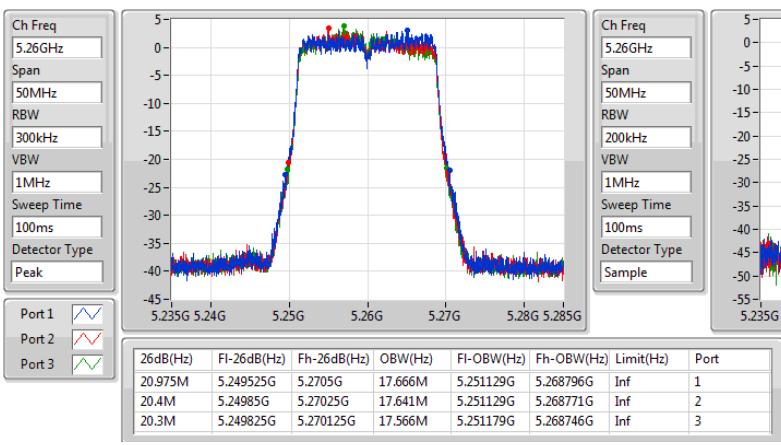
## 5240MHz



## 802.11ac VHT20\_Nss1,(MCS0)\_3TX

EBW

## 5260MHz

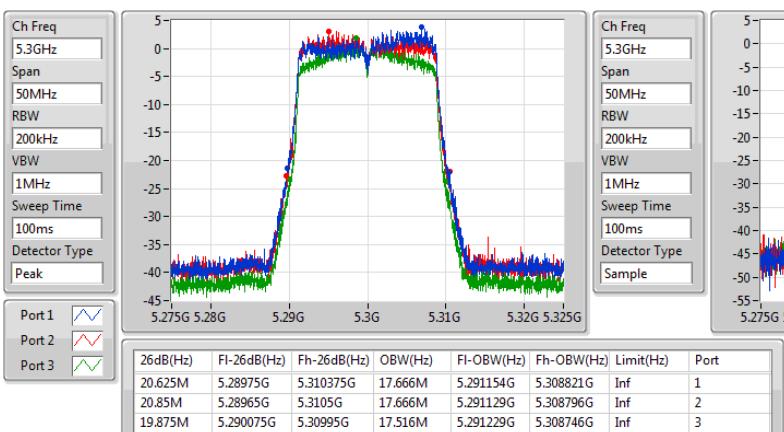




## 802.11ac VHT20\_Nss1,(MCS0)\_3TX

EBW

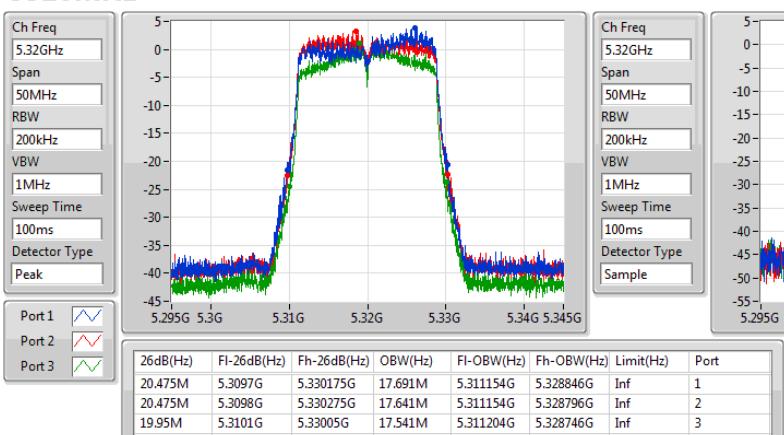
## 5300MHz



## 802.11ac VHT20\_Nss1,(MCS0)\_3TX

EBW

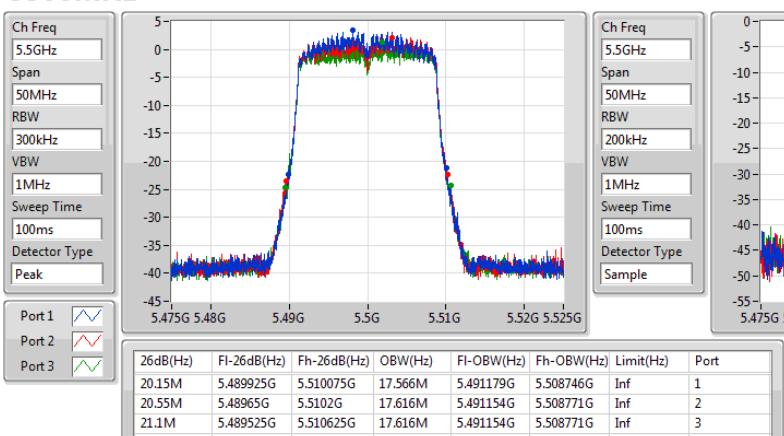
## 5320MHz



## 802.11ac VHT20\_Nss1,(MCS0)\_3TX

EBW

## 5500MHz

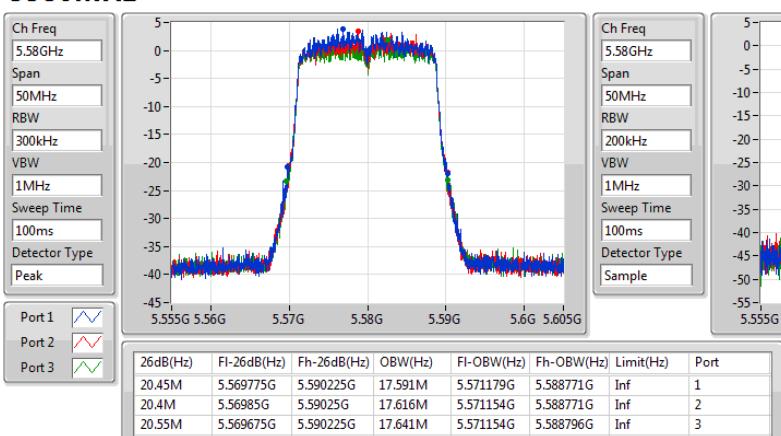




## 802.11ac VHT20\_Nss1,(MCS0)\_3TX

EBW

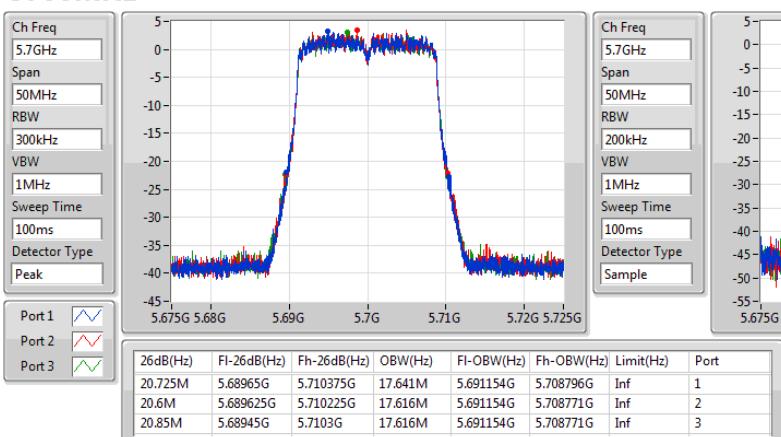
## 5580MHz



## 802.11ac VHT20\_Nss1,(MCS0)\_3TX

EBW

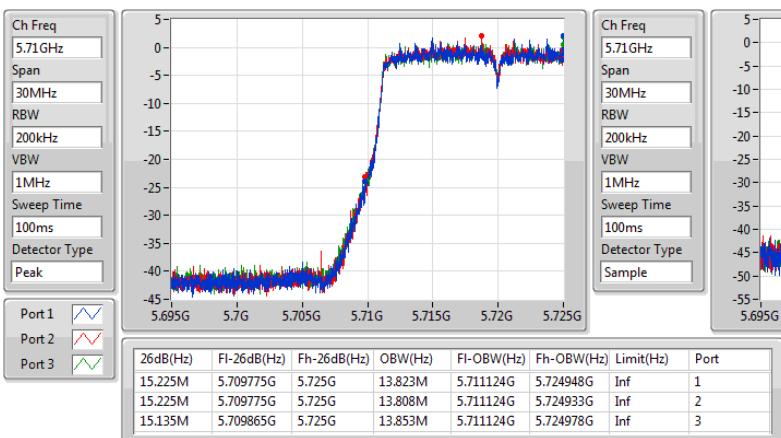
## 5700MHz



## 802.11ac VHT20\_Nss1,(MCS0)\_3TX

EBW

## 5720MHz Straddle 5.47-5.725GHz

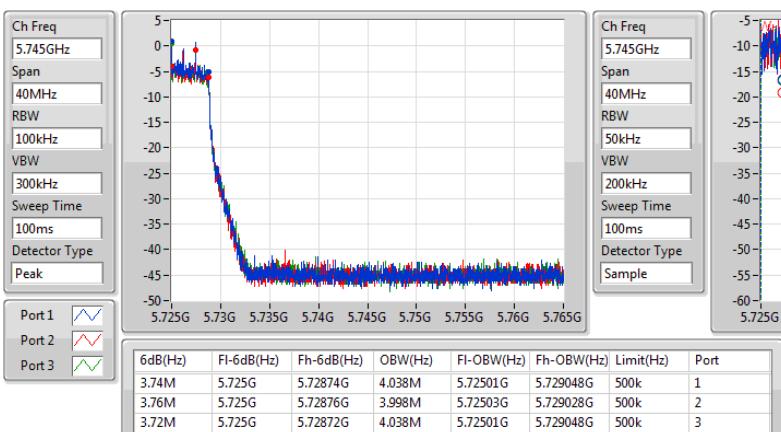




## 802.11ac VHT20\_Nss1,(MCS0)\_3TX

EBW

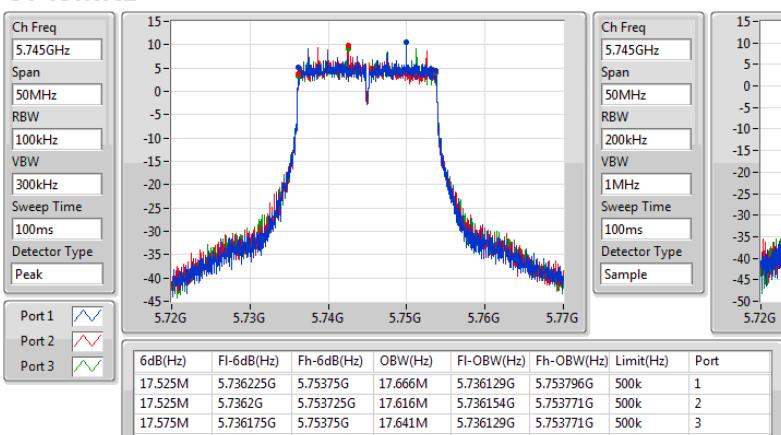
## 5720MHz Straddle 5.725-5.85GHz



## 802.11ac VHT20\_Nss1,(MCS0)\_3TX

EBW

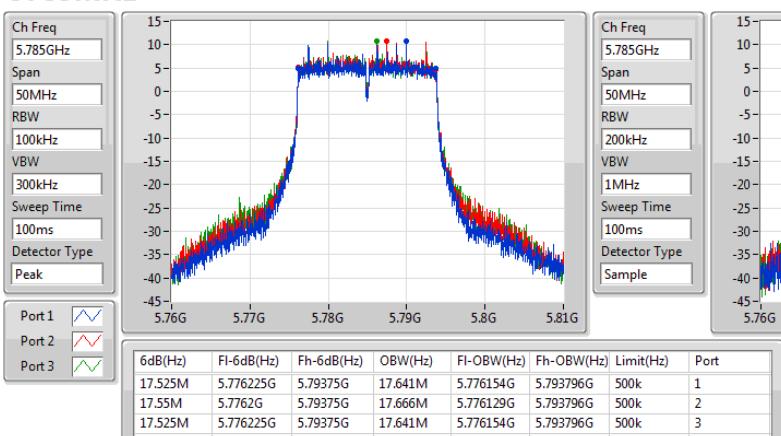
## 5745MHz



## 802.11ac VHT20\_Nss1,(MCS0)\_3TX

EBW

## 5785MHz

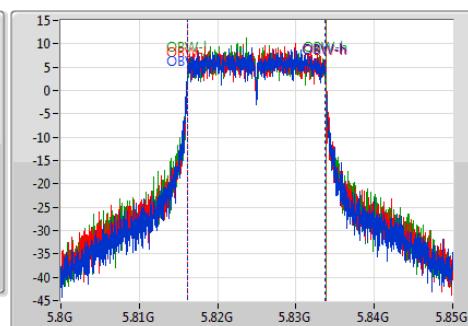
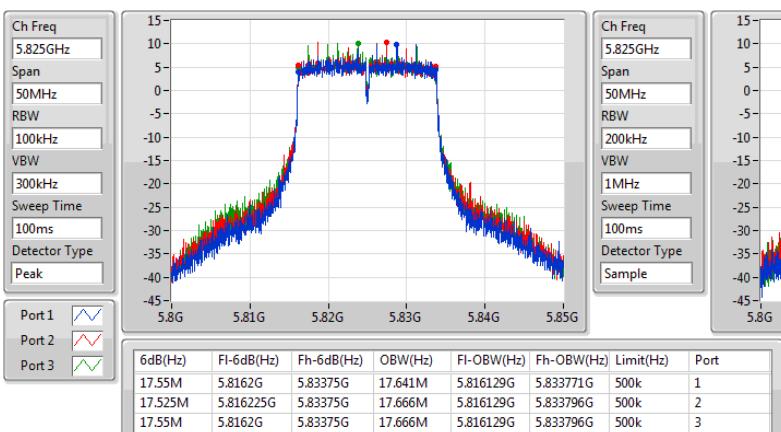




## 802.11ac VHT20\_Nss1,(MCS0)\_3TX

EBW

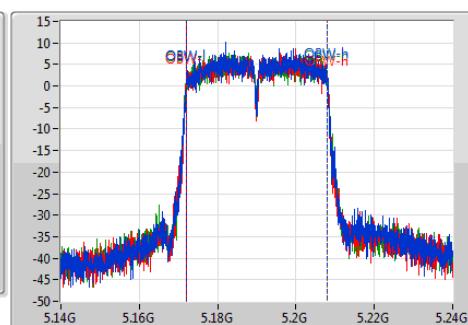
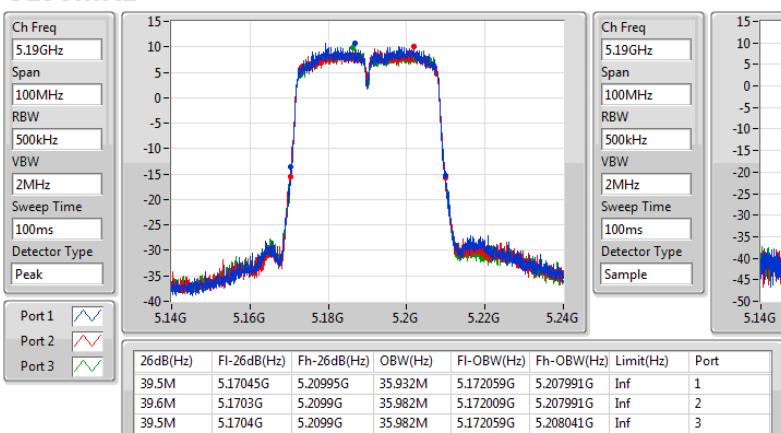
## 5825MHz



## 802.11ac VHT40\_Nss1,(MCS0)\_3TX

EBW

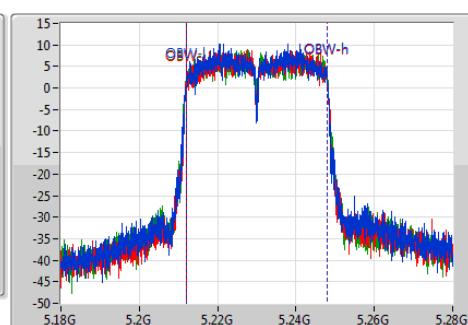
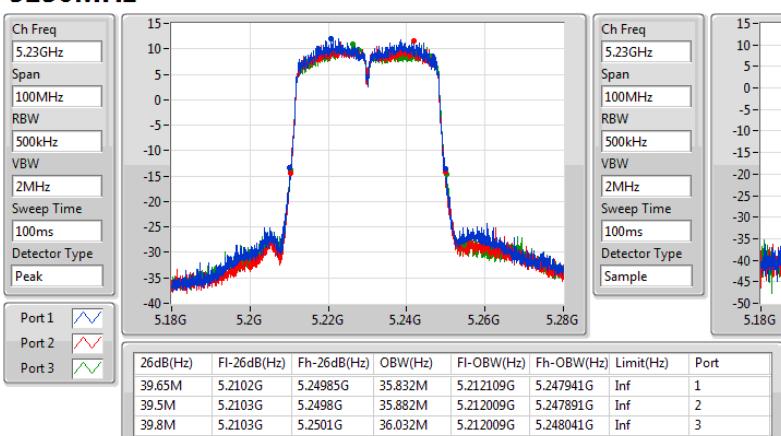
## 5190MHz



## 802.11ac VHT40\_Nss1,(MCS0)\_3TX

EBW

## 5230MHz

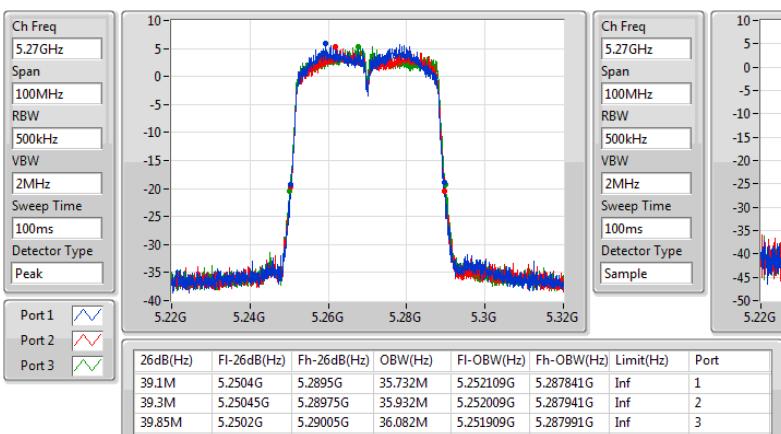




## 802.11ac VHT40\_Nss1,(MCS0)\_3TX

EBW

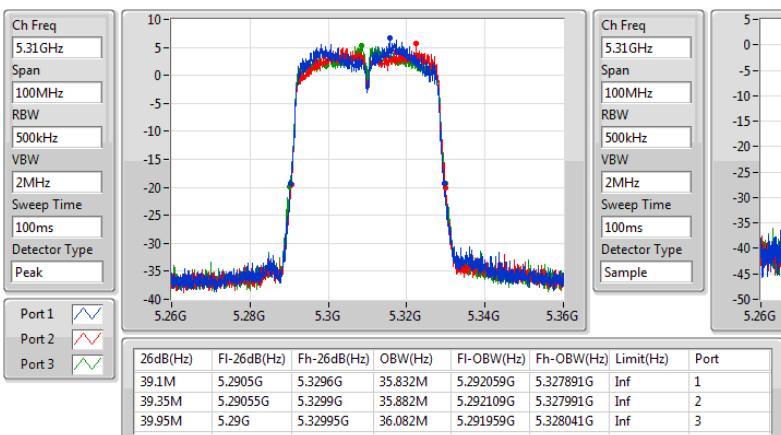
## 5270MHz



## 802.11ac VHT40\_Nss1,(MCS0)\_3TX

EBW

## 5310MHz



## 802.11ac VHT40\_Nss1,(MCS0)\_3TX

EBW

## 5510MHz

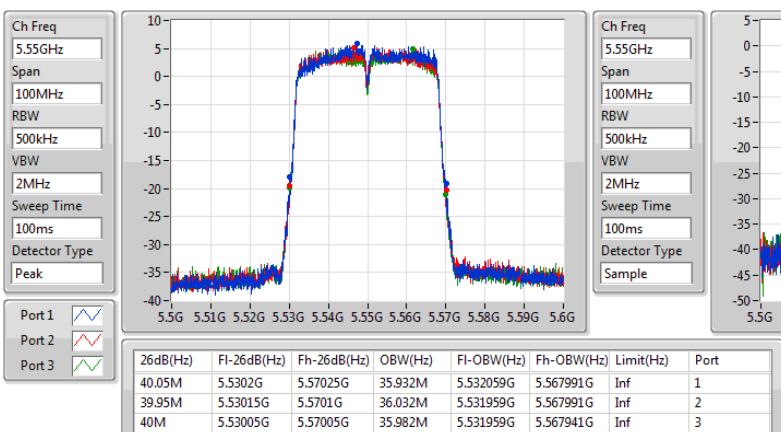




## 802.11ac VHT40\_Nss1,(MCS0)\_3TX

EBW

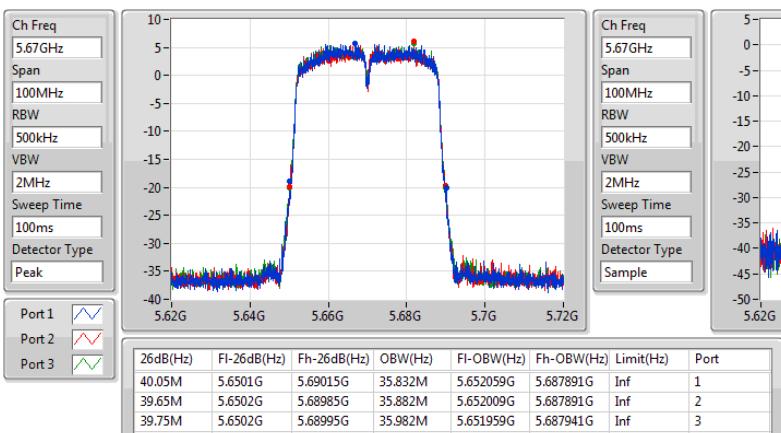
## 5550MHz



## 802.11ac VHT40\_Nss1,(MCS0)\_3TX

EBW

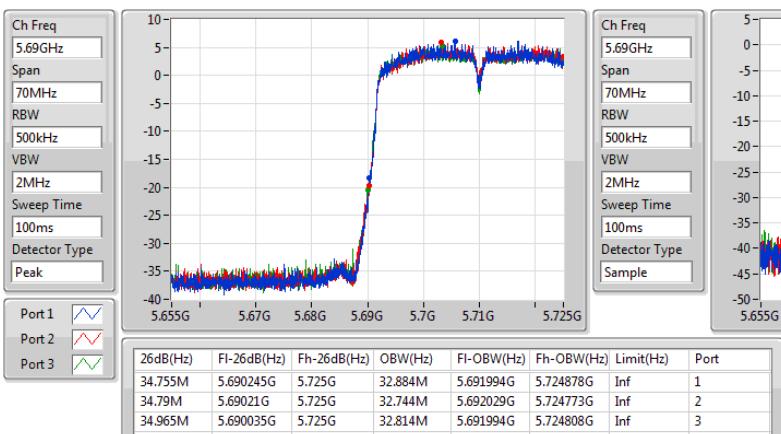
## 5670MHz



## 802.11ac VHT40\_Nss1,(MCS0)\_3TX

EBW

## 5710MHz Straddle 5.47-5.725GHz

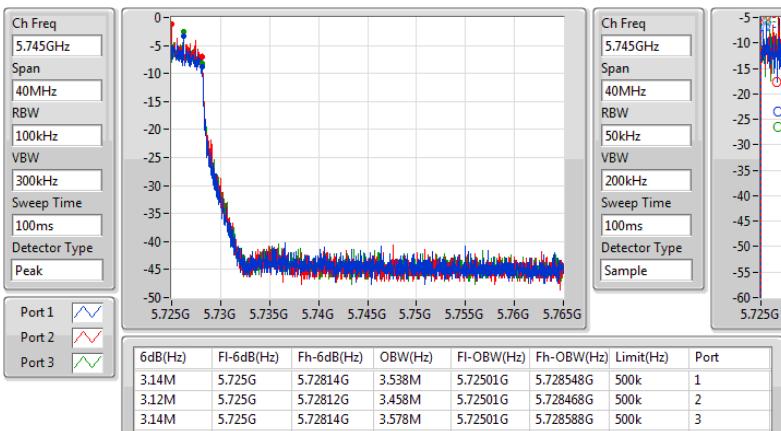




## 802.11ac VHT40\_Nss1,(MCS0)\_3TX

EBW

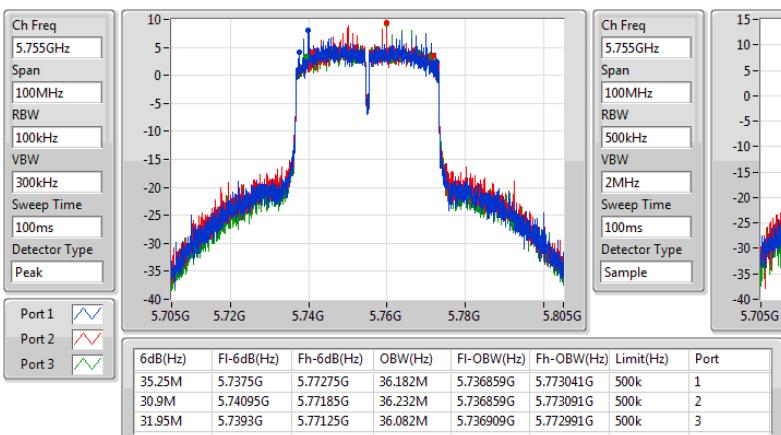
## 5710MHz Straddle 5.725-5.85GHz



## 802.11ac VHT40\_Nss1,(MCS0)\_3TX

EBW

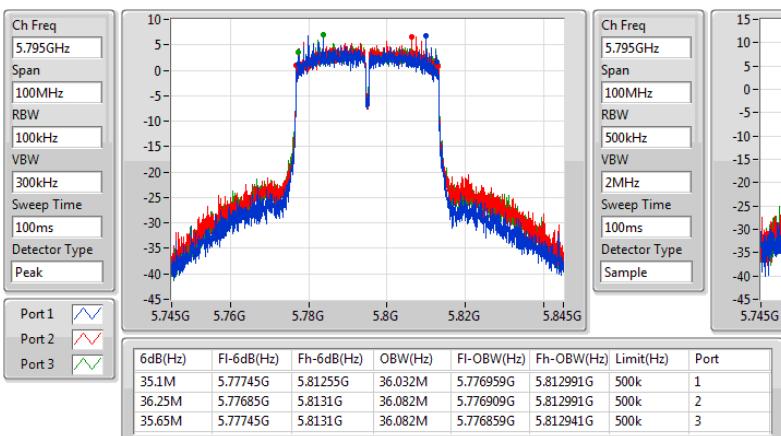
## 5755MHz



## 802.11ac VHT40\_Nss1,(MCS0)\_3TX

EBW

## 5795MHz

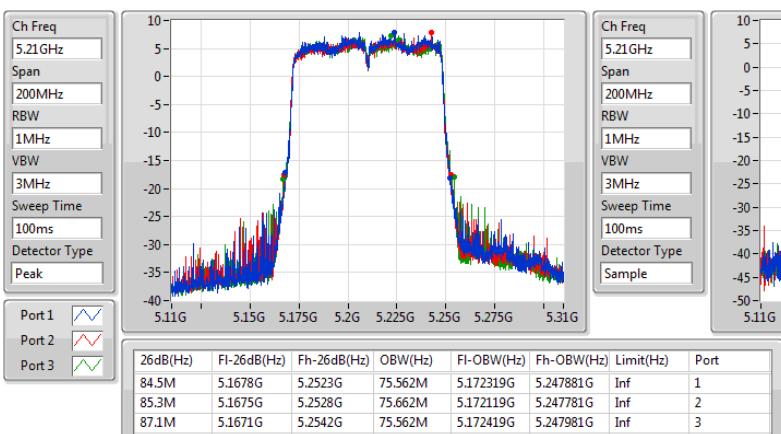




## 802.11ac VHT80\_Nss1,(MCS0)\_3TX

EBW

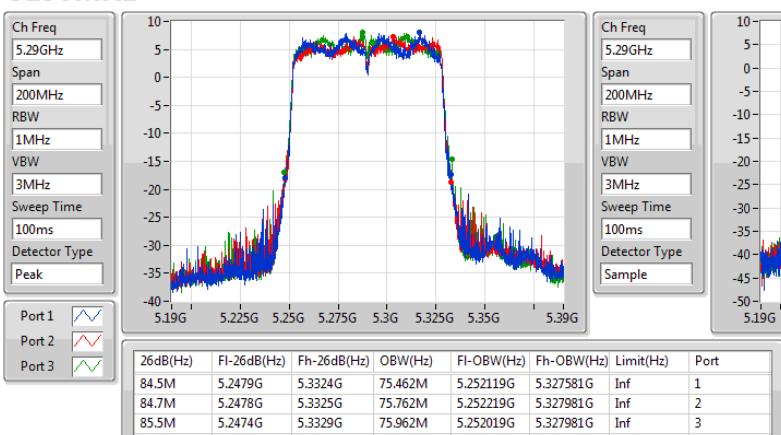
## 5210MHz



## 802.11ac VHT80\_Nss1,(MCS0)\_3TX

EBW

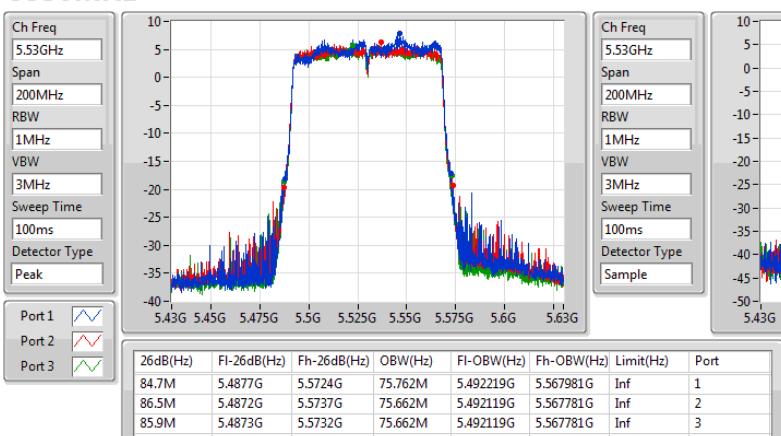
## 5290MHz



## 802.11ac VHT80\_Nss1,(MCS0)\_3TX

EBW

## 5530MHz

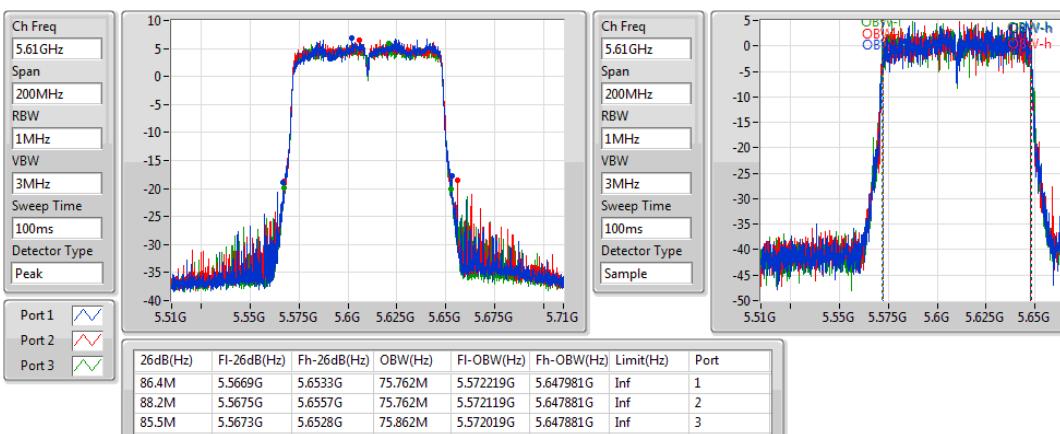




## 802.11ac VHT80\_Nss1,(MCS0)\_3TX

EBW

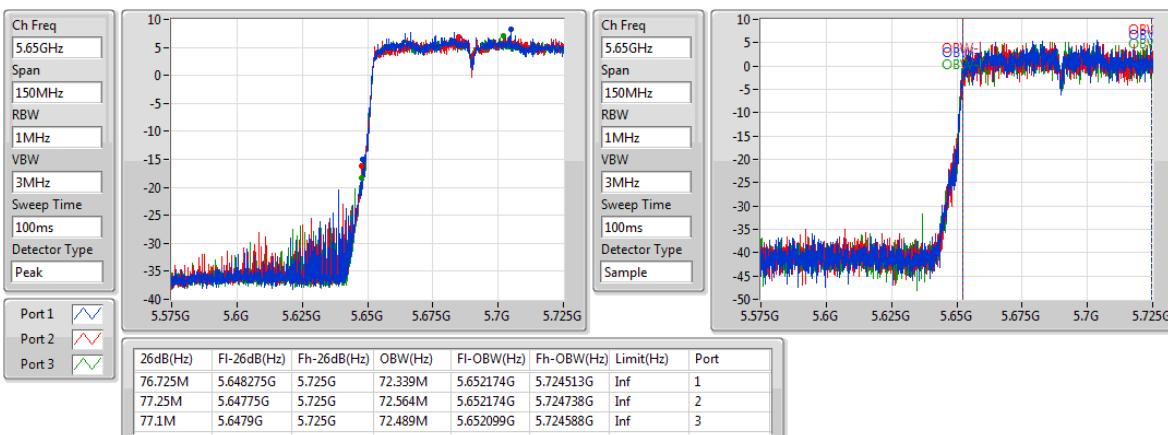
## 5610MHz



## 802.11ac VHT80\_Nss1,(MCS0)\_3TX

EBW

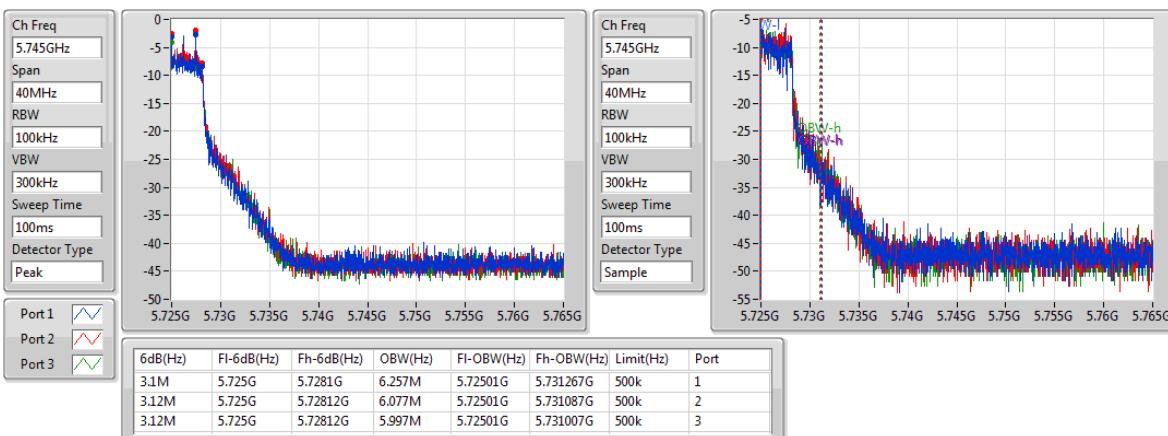
## 5690MHz Straddle 5.47-5.725GHz

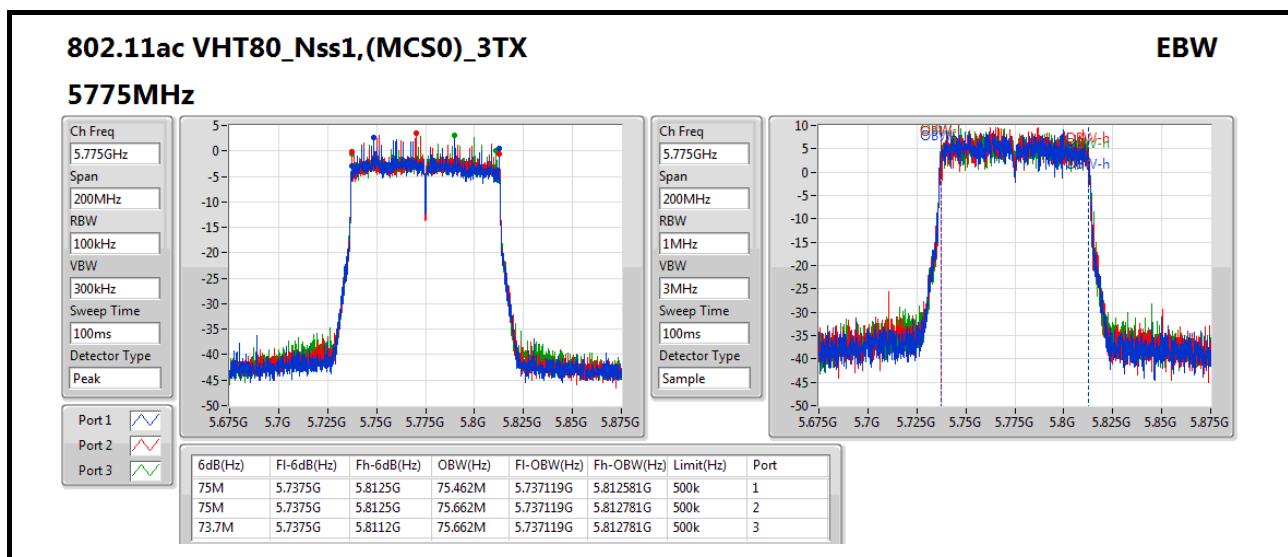


## 802.11ac VHT80\_Nss1,(MCS0)\_3TX

EBW

## 5690MHz Straddle 5.725-5.85GHz







## &lt;For Beamforming Mode&gt;

## Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-
5.15-5.25GHz	20.775M	17.666M	17M7D1D	20.225M	17.591M
5.25-5.35GHz	20.7M	17.666M	17M7D1D	19.8M	17.516M
5.47-5.725GHz	20.65M	17.641M	17M6D1D	15.06M	13.793M
5.725-5.85GHz	17.55M	17.641M	17M6D1D	3.72M	3.898M
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-
5.15-5.25GHz	39.9M	35.932M	35M9D1D	39.15M	35.732M
5.25-5.35GHz	40M	36.032M	36M0D1D	38.9M	35.732M
5.47-5.725GHz	40M	36.032M	36M0D1D	34.65M	32.744M
5.725-5.85GHz	35M	35.932M	35M9D1D	3.12M	3.478M
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-	-	-	-	-
5.15-5.25GHz	87.4M	75.862M	75M9D1D	85M	75.662M
5.25-5.35GHz	88.9M	75.762M	75M8D1D	84.9M	75.462M
5.47-5.725GHz	85.3M	75.862M	75M9D1D	77.325M	72.489M
5.725-5.85GHz	75M	75.862M	75M9D1D	3.12M	5.877M

**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)
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	20.6M	17.666M	20.375M	17.591M	20.775M	17.616M
5200MHz	Pass	Inf	20.65M	17.641M	20.375M	17.616M	20.475M	17.591M
5240MHz	Pass	Inf	20.7M	17.666M	20.425M	17.641M	20.225M	17.616M
5260MHz	Pass	Inf	20.6M	17.666M	20.45M	17.616M	20.225M	17.566M
5300MHz	Pass	Inf	20.7M	17.666M	20.45M	17.641M	19.8M	17.541M
5320MHz	Pass	Inf	20.6M	17.641M	20.35M	17.641M	19.875M	17.516M
5500MHz	Pass	Inf	20.275M	17.566M	20.4M	17.616M	20.55M	17.641M
5580MHz	Pass	Inf	20.475M	17.591M	20.425M	17.591M	20.475M	17.591M
5700MHz	Pass	Inf	20.525M	17.591M	20.45M	17.616M	20.65M	17.616M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.12M	13.823M	15.06M	13.793M	15.12M	13.823M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.74M	3.978M	3.84M	3.898M	3.72M	3.998M
5745MHz	Pass	500k	17.525M	17.616M	17.55M	17.616M	17.125M	17.616M
5785MHz	Pass	500k	17.5M	17.616M	17.125M	17.616M	16.775M	17.616M
5825MHz	Pass	500k	17.325M	17.616M	16.525M	17.641M	17.55M	17.616M
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.75M	35.732M	39.9M	35.882M	39.75M	35.882M
5230MHz	Pass	Inf	39.15M	35.732M	39.5M	35.832M	39.9M	35.932M
5270MHz	Pass	Inf	38.9M	35.782M	39.85M	35.832M	40M	35.982M
5310MHz	Pass	Inf	38.95M	35.732M	39.85M	35.882M	39.9M	36.032M
5510MHz	Pass	Inf	39.9M	35.982M	39.9M	35.932M	39.6M	35.932M
5550MHz	Pass	Inf	39.7M	36.032M	40M	35.932M	39.95M	35.932M
5670MHz	Pass	Inf	39.45M	35.832M	39.95M	35.932M	39.95M	35.932M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.65M	32.744M	34.895M	32.884M	35M	32.744M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	3.478M	3.12M	3.478M	3.14M	3.478M
5755MHz	Pass	500k	31.25M	35.782M	35M	35.932M	34.15M	35.932M
5795MHz	Pass	500k	33.95M	35.932M	35M	35.882M	33.9M	35.932M
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	85M	75.662M	85.9M	75.862M	87.4M	75.762M
5290MHz	Pass	Inf	84.9M	75.462M	88.9M	75.762M	88.3M	75.762M
5530MHz	Pass	Inf	85M	75.862M	85M	75.862M	84.8M	75.762M
5610MHz	Pass	Inf	85.1M	75.862M	85.3M	75.762M	84.9M	75.862M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	77.325M	72.489M	77.475M	72.639M	79.8M	72.639M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	5.937M	3.12M	5.897M	3.12M	5.877M
5775MHz	Pass	500k	73.8M	75.862M	75M	75.862M	71.3M	75.762M

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

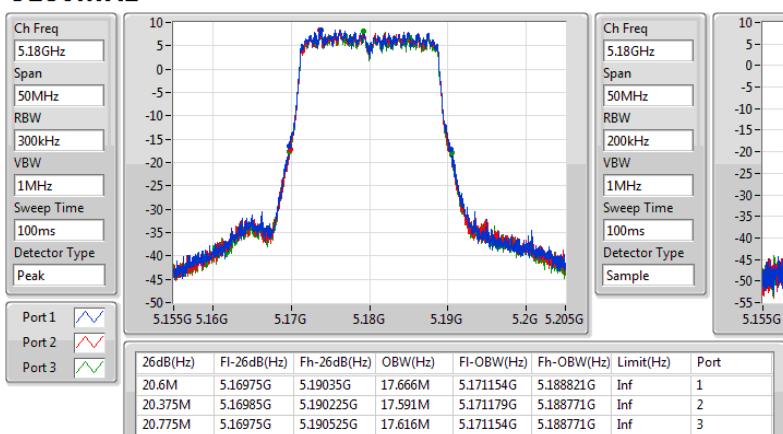
Port X-OBW = Port X 99% occupied bandwidth;



## 802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

EBW

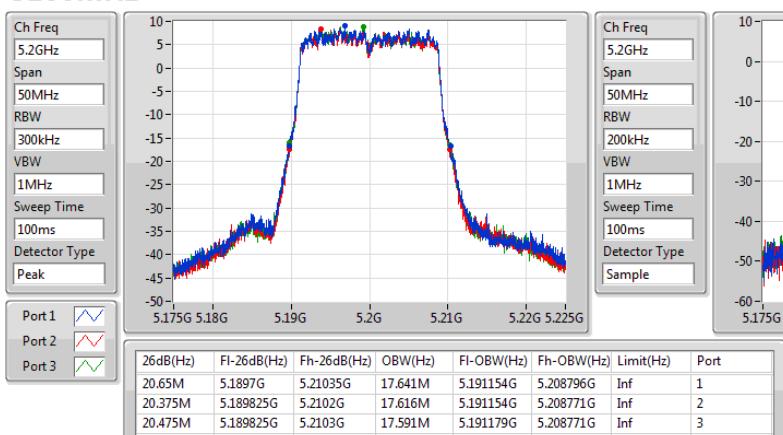
## 5180MHz



## 802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

EBW

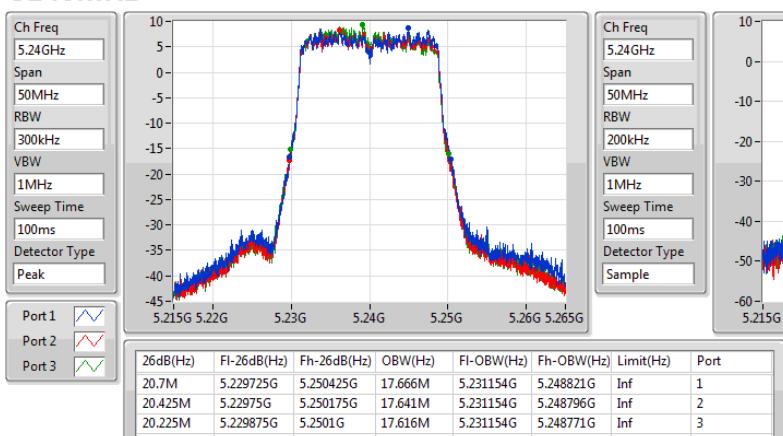
## 5200MHz



## 802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

EBW

## 5240MHz





## 802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

EBW

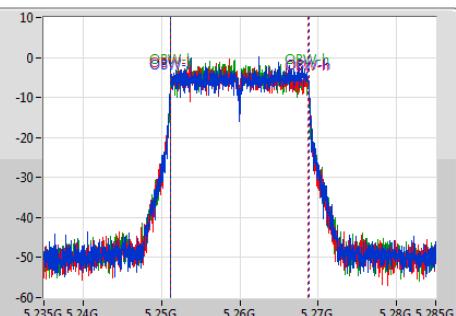
## 5260MHz

Ch Freq  
5.26GHz  
Span  
50MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak

Port 1    
Port 2    
Port 3



Ch Freq  
5.26GHz  
Span  
50MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



26dB(Hz)	FI-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	FI-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.6M	5.249775G	5.270375G	17.666M	5.251154G	5.268821G	Inf	1
20.45M	5.249775G	5.270225G	17.616M	5.251154G	5.268771G	Inf	2
20.225M	5.249825G	5.27005G	17.566M	5.251179G	5.268746G	Inf	3

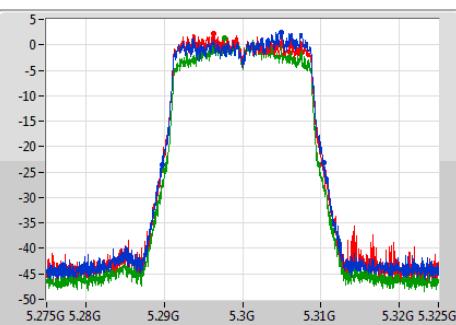
## 802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

EBW

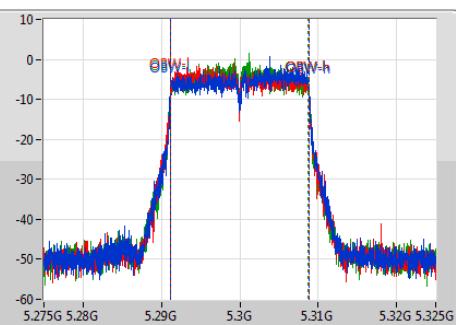
## 5300MHz

Ch Freq  
5.3GHz  
Span  
50MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak

Port 1    
Port 2    
Port 3



Ch Freq  
5.3GHz  
Span  
50MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



26dB(Hz)	FI-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	FI-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.7M	5.2897G	5.3104G	17.666M	5.291154G	5.308821G	Inf	1
20.45M	5.2898G	5.31025G	17.641M	5.291154G	5.308796G	Inf	2
19.8M	5.29005G	5.30985G	17.541M	5.291204G	5.308746G	Inf	3

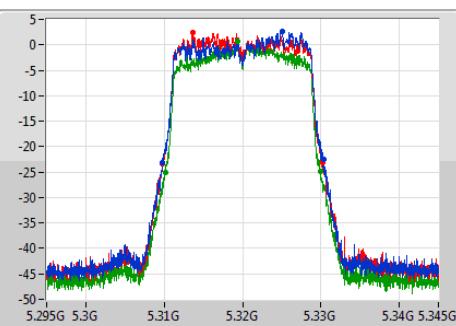
## 802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

EBW

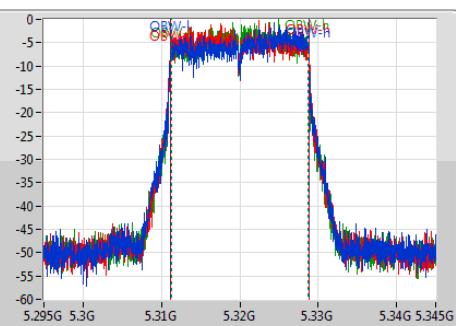
## 5320MHz

Ch Freq  
5.32GHz  
Span  
50MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak

Port 1    
Port 2    
Port 3



Ch Freq  
5.32GHz  
Span  
50MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



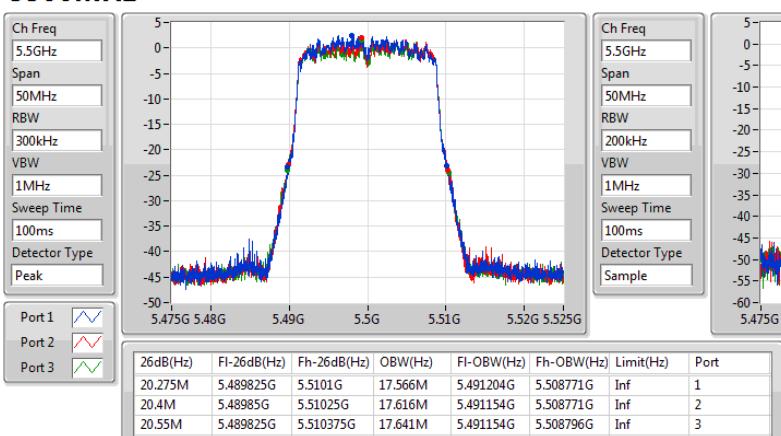
26dB(Hz)	FI-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	FI-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.6M	5.309725G	5.330325G	17.641M	5.311154G	5.328796G	Inf	1
20.35M	5.309825G	5.330175G	17.641M	5.311154G	5.328796G	Inf	2
19.875M	5.310125G	5.33G	17.516M	5.311229G	5.328746G	Inf	3



## 802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

EBW

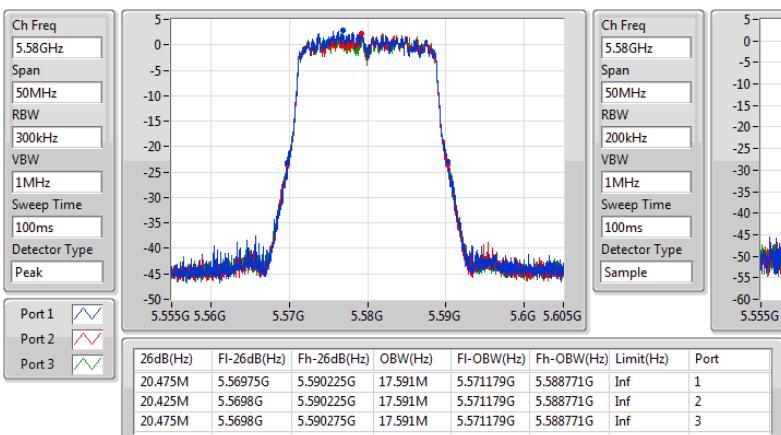
## 5500MHz



## 802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

EBW

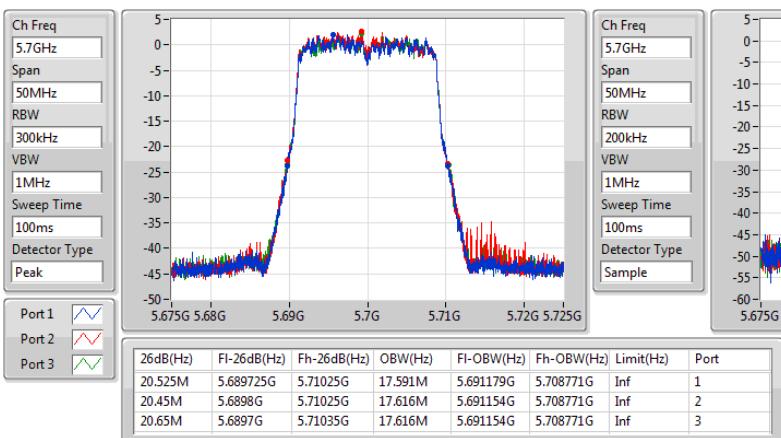
## 5580MHz



## 802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

EBW

## 5700MHz

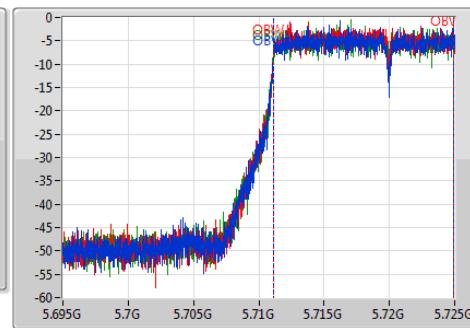
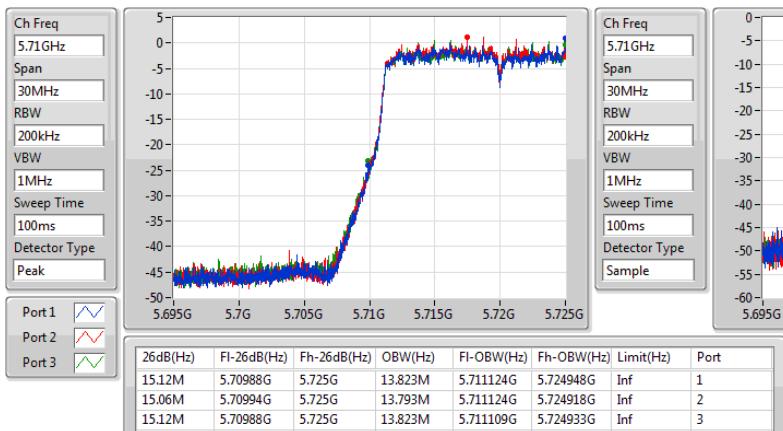




## 802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

EBW

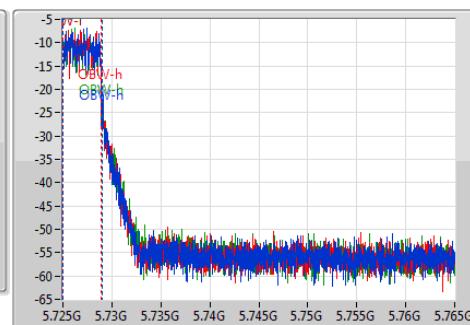
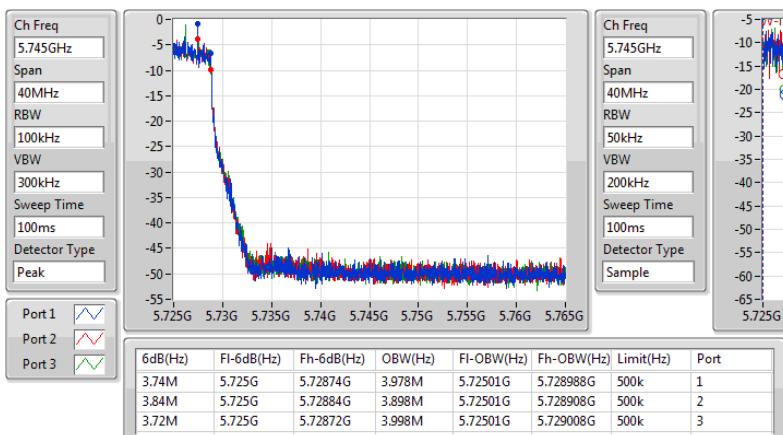
## 5720MHz Straddle 5.47-5.725GHz



## 802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

EBW

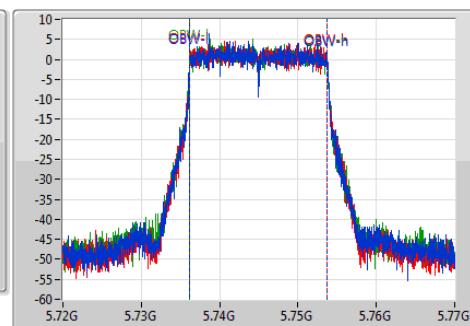
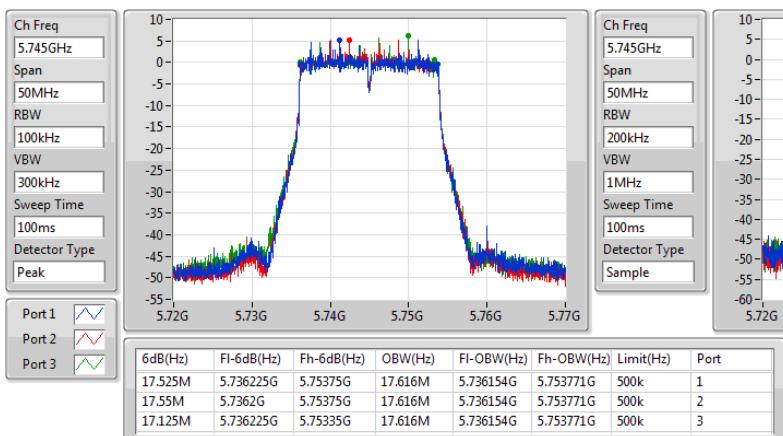
## 5720MHz Straddle 5.725-5.85GHz



## 802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

EBW

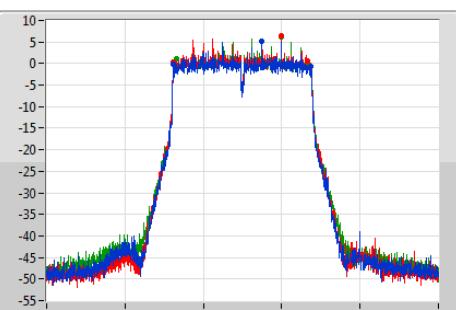
## 5745MHz



**802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX****EBW****5785MHz**

Ch Freq  
5.785GHz  
Span  
50MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak

Port 1    
Port 2    
Port 3



Ch Freq  
5.785GHz  
Span  
50MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample

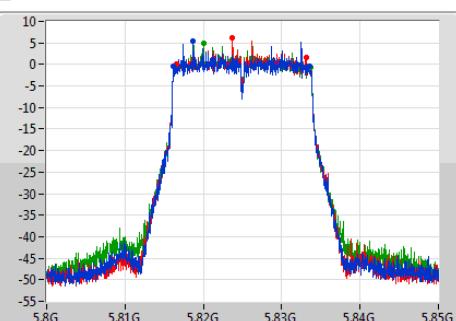


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.5M	5.776225G	5.793725G	17.616M	5.776154G	5.793771G	500k	1
17.125M	5.776225G	5.79335G	17.616M	5.776154G	5.793771G	500k	2
16.775M	5.776575G	5.79335G	17.616M	5.776154G	5.793771G	500k	3

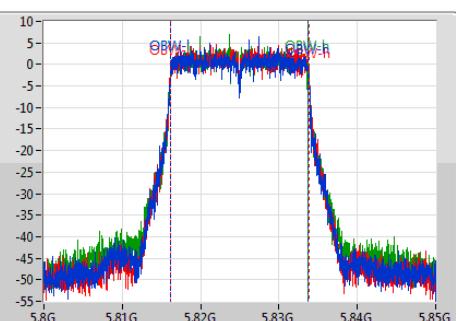
**802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX****EBW****5825MHz**

Ch Freq  
5.825GHz  
Span  
50MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak

Port 1    
Port 2    
Port 3



Ch Freq  
5.825GHz  
Span  
50MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample

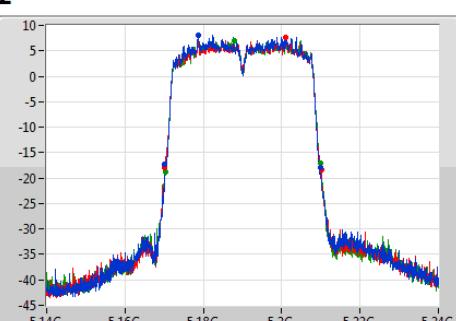


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.325M	5.8162G	5.833525G	17.616M	5.816154G	5.833771G	500k	1
16.525M	5.816575G	5.8331G	17.641M	5.816154G	5.833796G	500k	2
17.55M	5.8162G	5.83375G	17.616M	5.816154G	5.833771G	500k	3

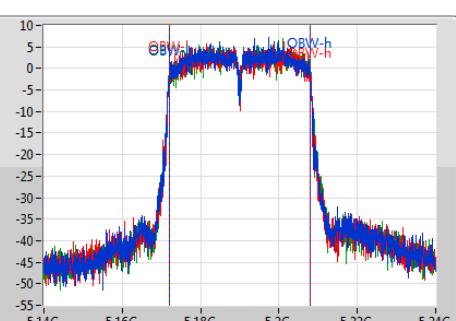
**802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX****EBW****5190MHz**

Ch Freq  
5.19GHz  
Span  
100MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak

Port 1    
Port 2    
Port 3



Ch Freq  
5.19GHz  
Span  
100MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



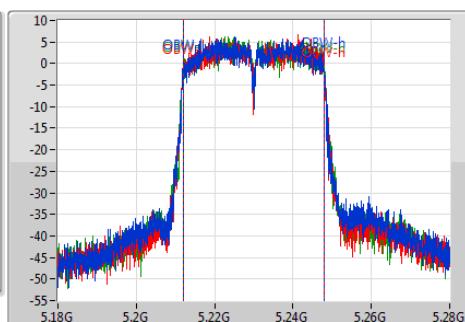
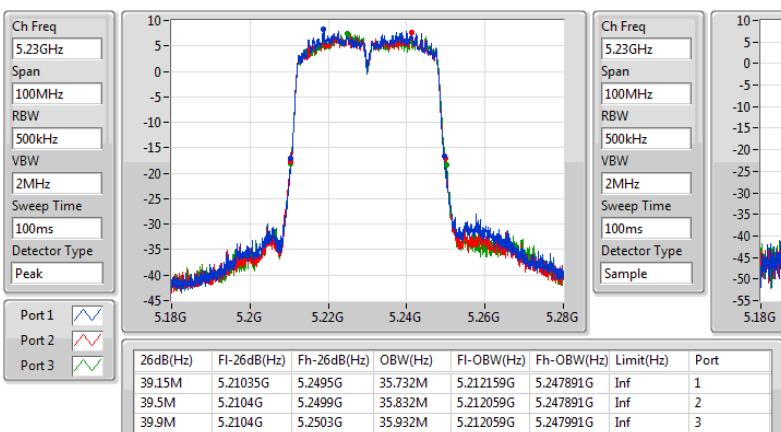
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.75M	5.1701G	5.20985G	35.732M	5.172159G	5.207891G	Inf	1
39.9M	5.1702G	5.2101G	35.882M	5.172059G	5.207941G	Inf	2
39.75M	5.1703G	5.21005G	35.882M	5.172059G	5.207941G	Inf	3



## 802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX

EBW

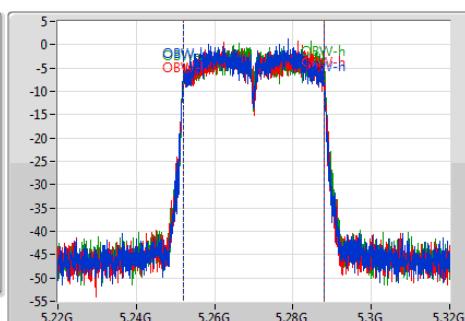
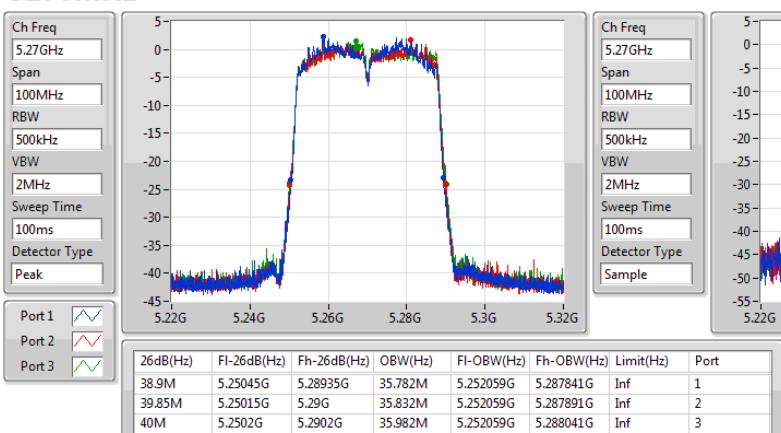
## 5230MHz



## 802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX

EBW

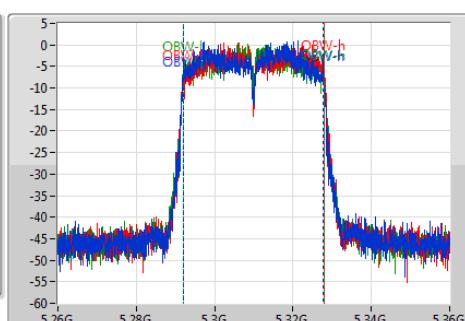
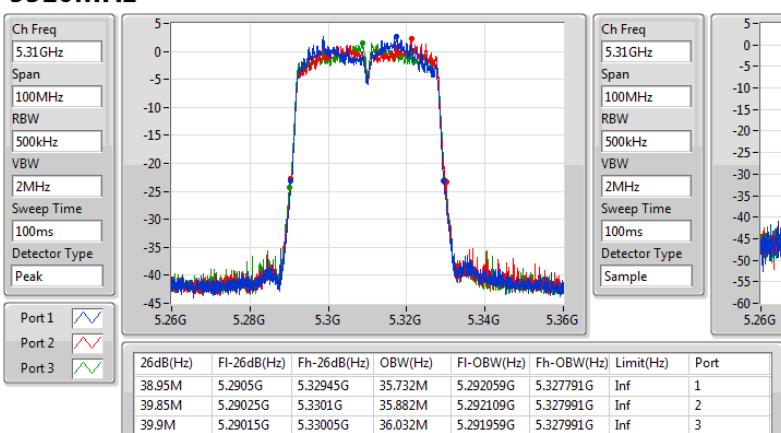
## 5270MHz



## 802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX

EBW

## 5310MHz

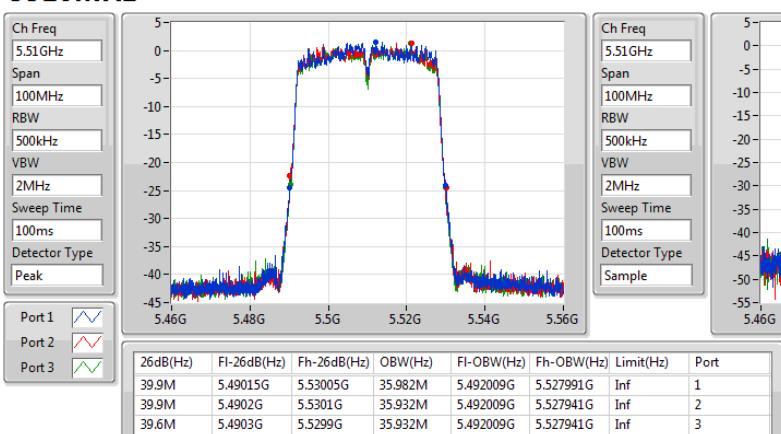




## 802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX

EBW

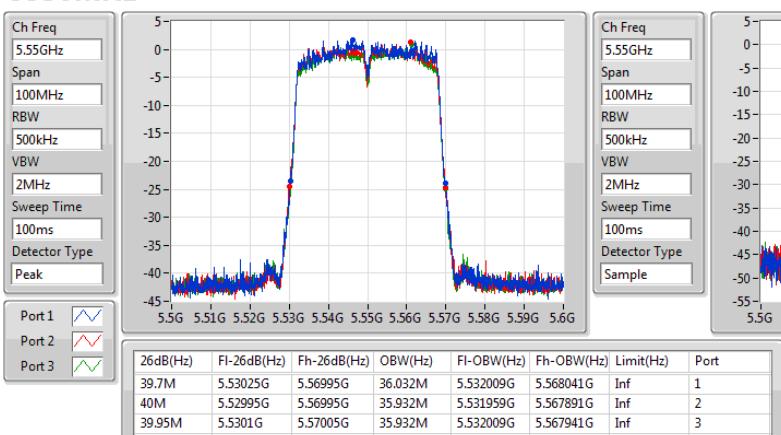
## 5510MHz



## 802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX

EBW

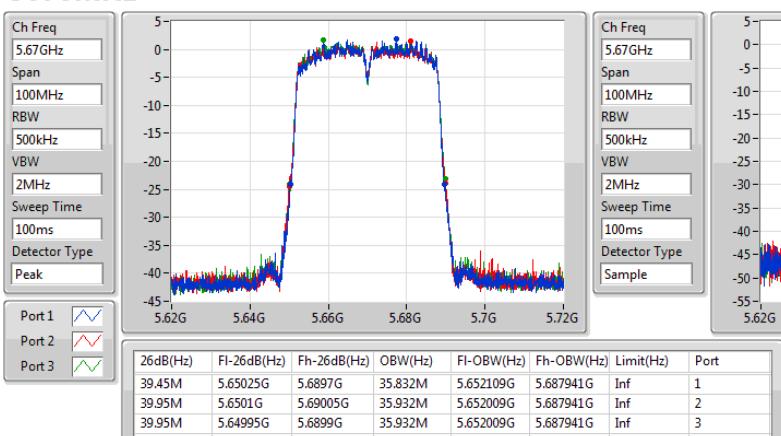
## 5550MHz

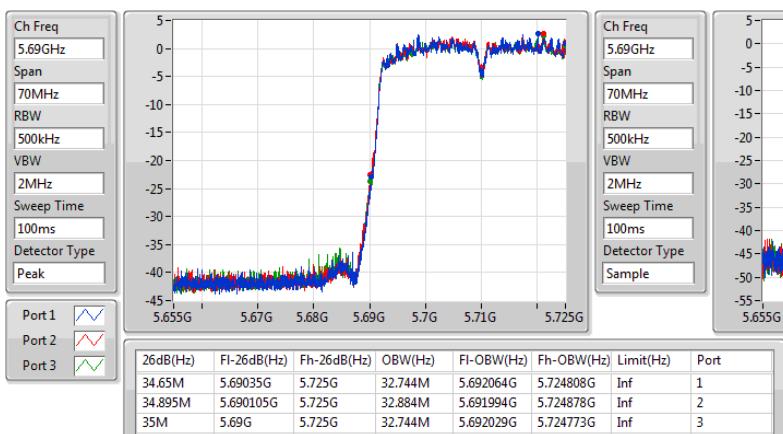
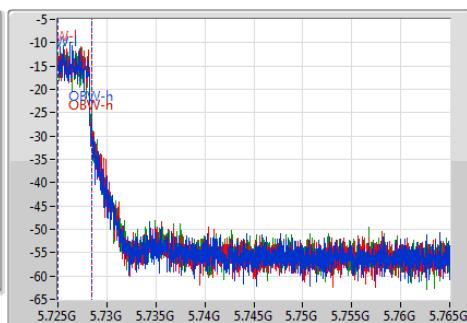
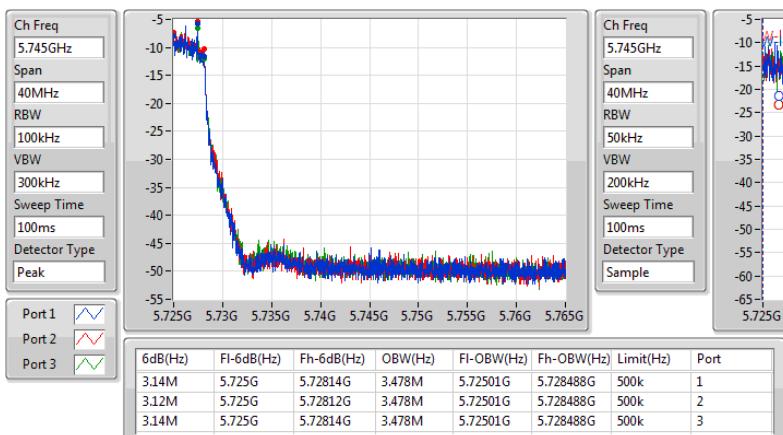
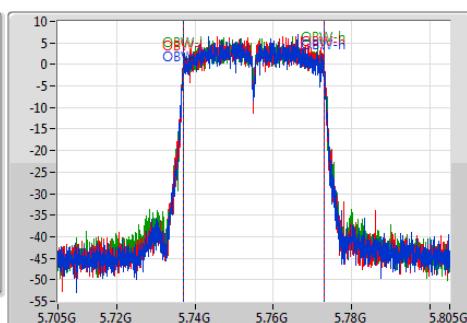
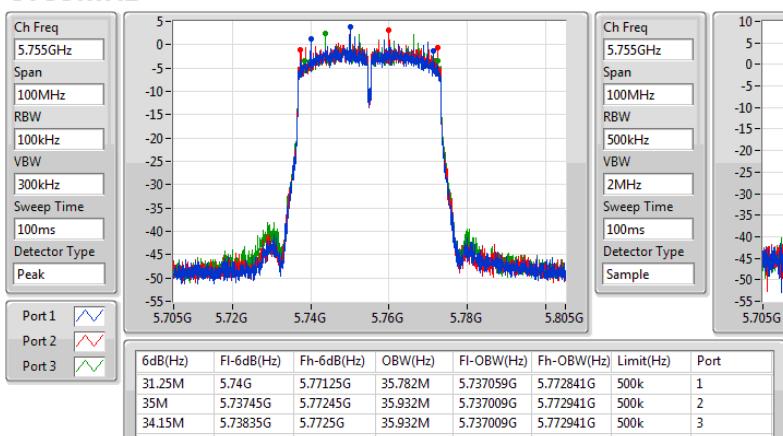


## 802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX

EBW

## 5670MHz



**802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX****EBW****5710MHz Straddle 5.47-5.725GHz****802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX****EBW****5710MHz Straddle 5.725-5.85GHz****802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX****EBW****5755MHz**

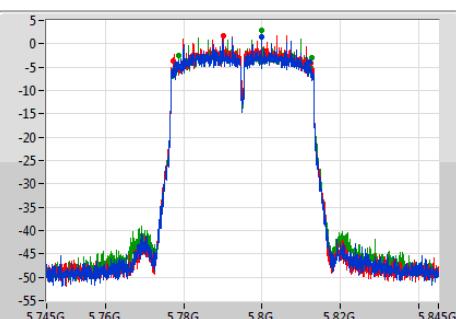


## 802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX

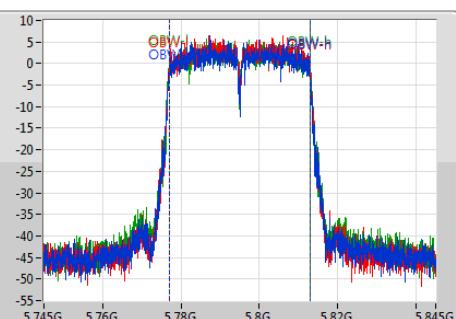
EBW

5795MHz

Ch Freq  
5.795GHz  
Span  
100MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak  
  
Port 1   
Port 2   
Port 3



Ch Freq  
5.795GHz  
Span  
100MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



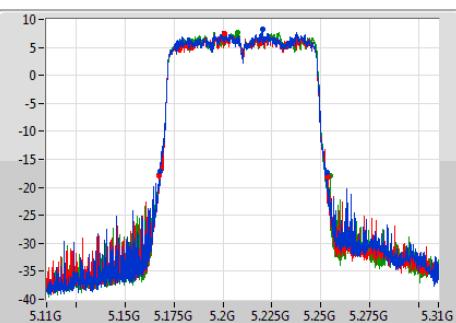
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.95M	5.77815G	5.8121G	35.932M	5.777009G	5.812941G	500k	1
35M	5.77745G	5.81245G	35.882M	5.777059G	5.812941G	500k	2
33.9M	5.77865G	5.81255G	35.932M	5.777009G	5.812941G	500k	3

## 802.11ac VHT80-BF\_Nss1,(MCS0)\_3TX

EBW

5210MHz

Ch Freq  
5.21GHz  
Span  
200MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak  
  
Port 1   
Port 2   
Port 3



Ch Freq  
5.21GHz  
Span  
200MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



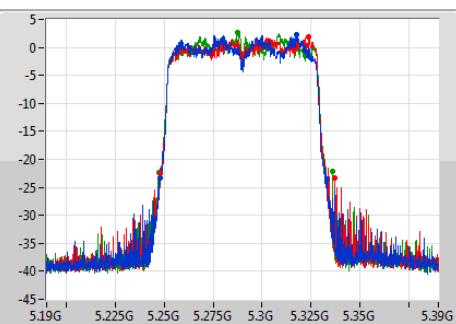
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
85M	5.1679G	5.2529G	75.662M	5.172119G	5.247781G	Inf	1
85.9M	5.1676G	5.2535G	75.862M	5.172019G	5.247881G	Inf	2
87.4M	5.1675G	5.2549G	75.762M	5.172219G	5.247981G	Inf	3

## 802.11ac VHT80-BF\_Nss1,(MCS0)\_3TX

EBW

5290MHz

Ch Freq  
5.29GHz  
Span  
200MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak  
  
Port 1   
Port 2   
Port 3



Ch Freq  
5.29GHz  
Span  
200MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



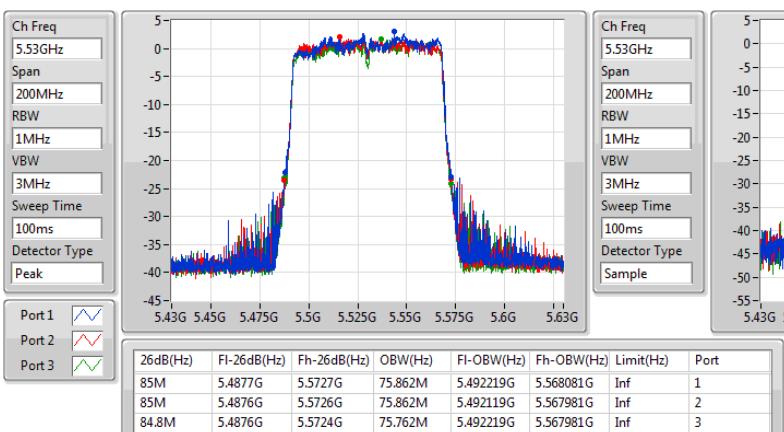
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
84.9M	5.2481G	5.333G	75.462M	5.252219G	5.327681G	Inf	1
88.9M	5.2479G	5.3368G	75.762M	5.252219G	5.327981G	Inf	2
88.3M	5.2475G	5.3358G	75.762M	5.252219G	5.327981G	Inf	3



## 802.11ac VHT80-BF\_Nss1,(MCS0)\_3TX

EBW

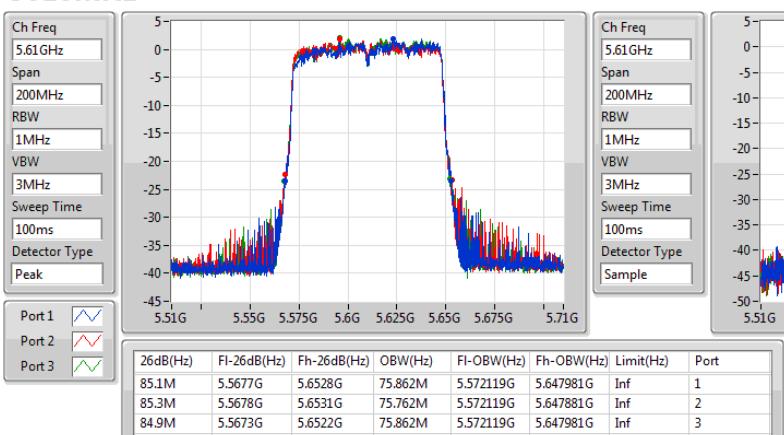
## 5530MHz



## 802.11ac VHT80-BF\_Nss1,(MCS0)\_3TX

EBW

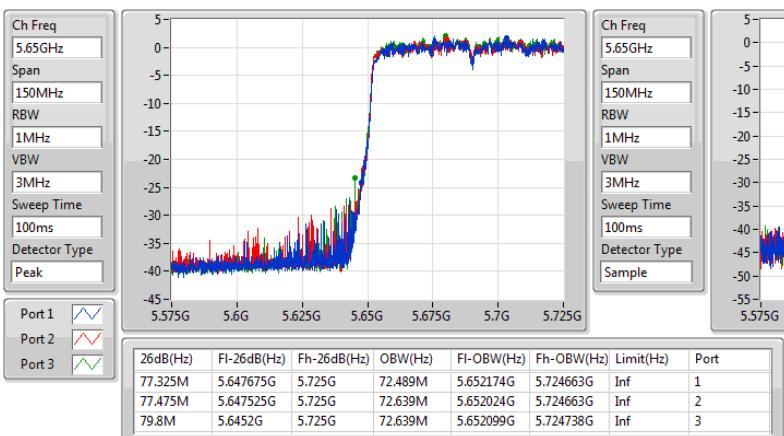
## 5610MHz



## 802.11ac VHT80-BF\_Nss1,(MCS0)\_3TX

EBW

## 5690MHz Straddle 5.47-5.725GHz

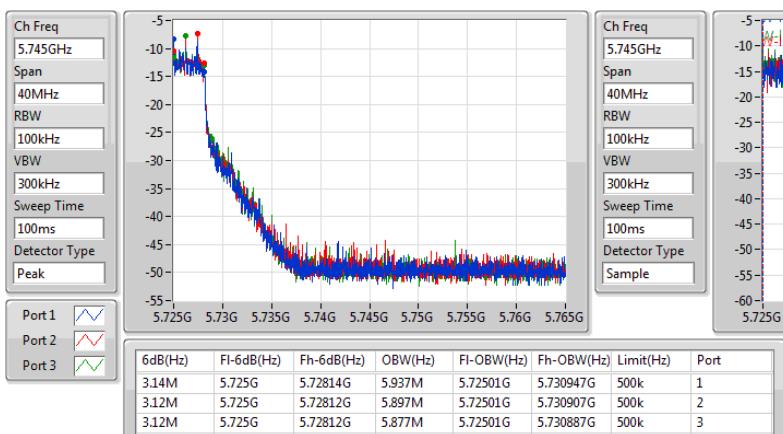




## 802.11ac VHT80-BF\_Nss1,(MCS0)\_3TX

EBW

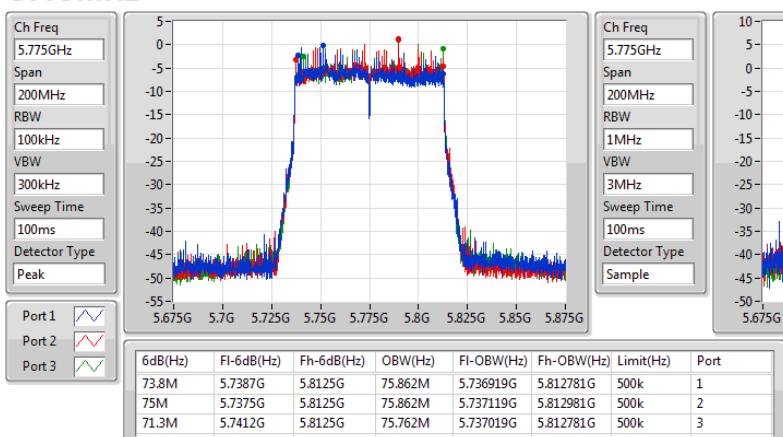
## 5690MHz Straddle 5.725-5.85GHz



## 802.11ac VHT80-BF\_Nss1,(MCS0)\_3TX

EBW

## 5775MHz



**For Set 4 antennas / 1TX:  
Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
802.11a_(6Mbps)_1TX	-	-	-	-	-
5.15-5.25GHz	42.2M	23.813M	23M8D1D	19.325M	16.392M
5.25-5.35GHz	19.95M	16.442M	16M4D1D	19.675M	16.417M
5.47-5.725GHz	20.675M	16.442M	16M4D1D	15.705M	13.238M
5.725-5.85GHz	16.3M	16.442M	16M4D1D	3.14M	3.758M
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5.15-5.25GHz	42.925M	22.364M	22M4D1D	20.85M	17.616M
5.25-5.35GHz	20.975M	17.641M	17M6D1D	20.65M	17.591M
5.47-5.725GHz	21.175M	17.641M	17M6D1D	15.72M	13.838M
5.725-5.85GHz	17.525M	17.666M	17M7D1D	3.78M	4.098M
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5.15-5.25GHz	40.15M	36.032M	36M0D1D	39.85M	35.982M
5.25-5.35GHz	39.75M	36.082M	36M1D1D	39.65M	35.932M
5.47-5.725GHz	40.9M	36.082M	36M1D1D	35.175M	32.814M
5.725-5.85GHz	36.25M	64.868M	64M9D1D	3.14M	4.878M
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5.15-5.25GHz	86.7M	75.762M	75M8D1D	86.7M	75.762M
5.25-5.35GHz	85.9M	75.762M	75M8D1D	85.9M	75.762M
5.47-5.725GHz	85.6M	75.662M	75M7D1D	77.175M	72.489M
5.725-5.85GHz	75.4M	76.062M	76M1D1D	3.14M	14.053M

**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;



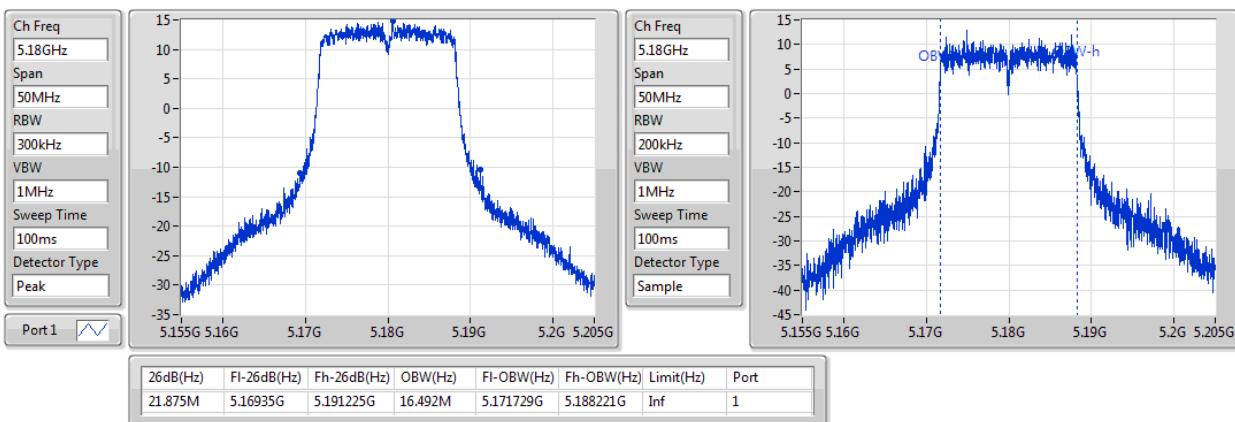
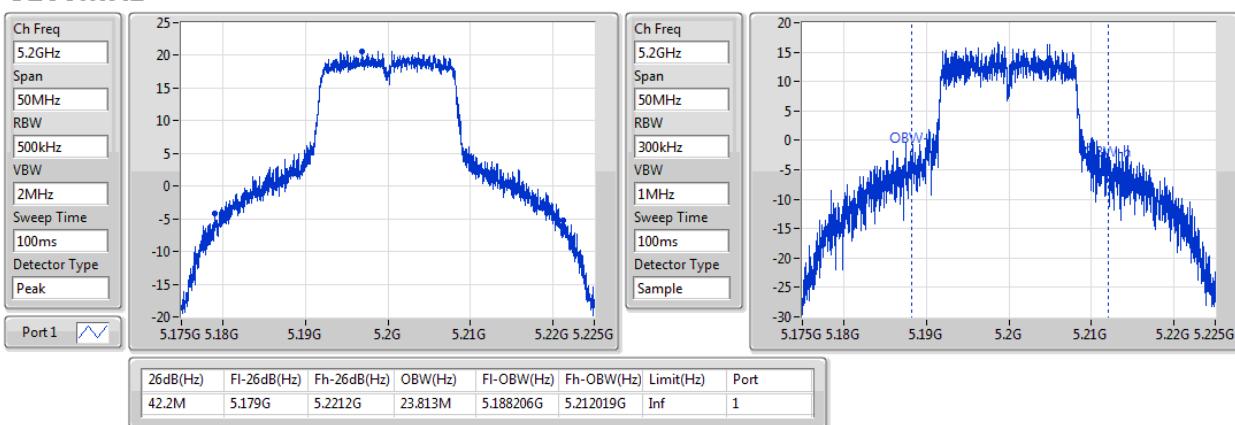
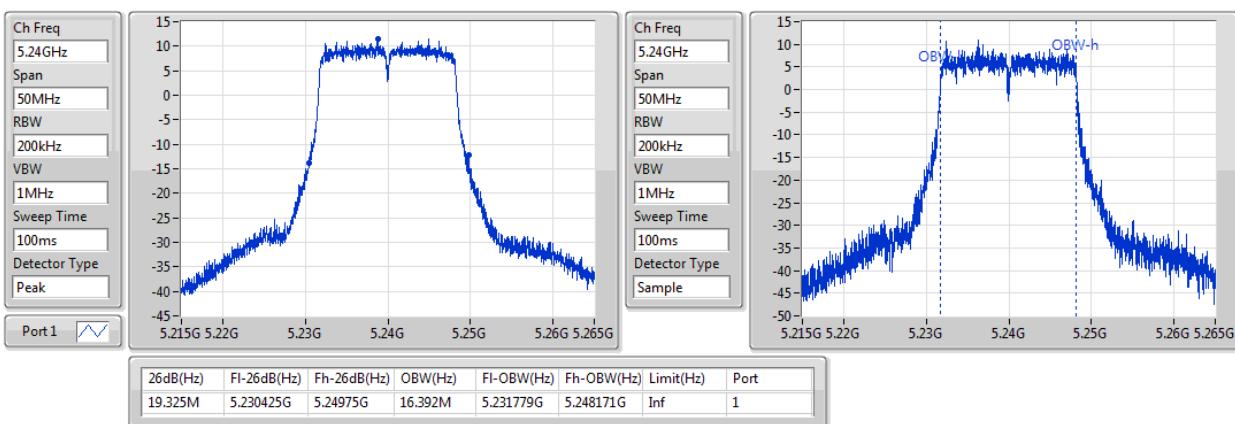
## Result

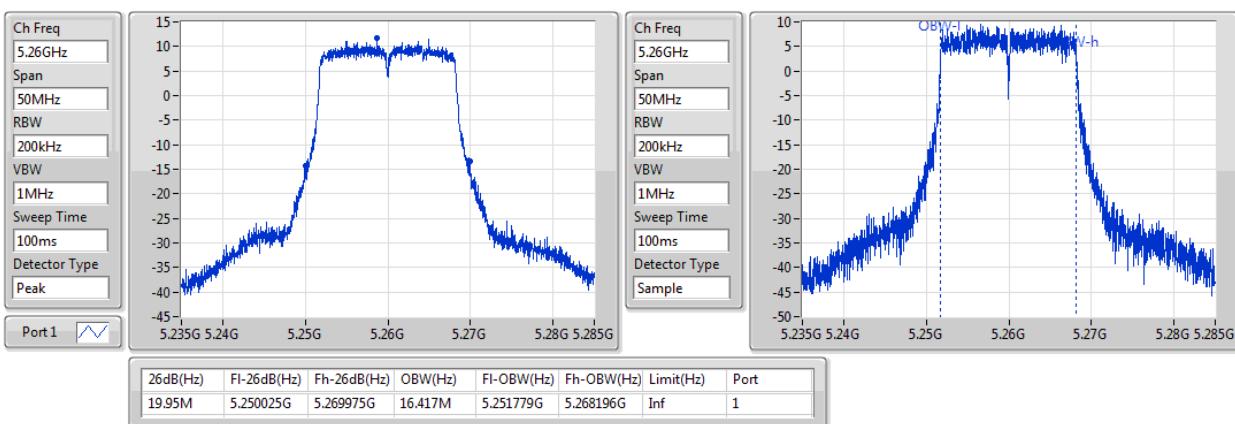
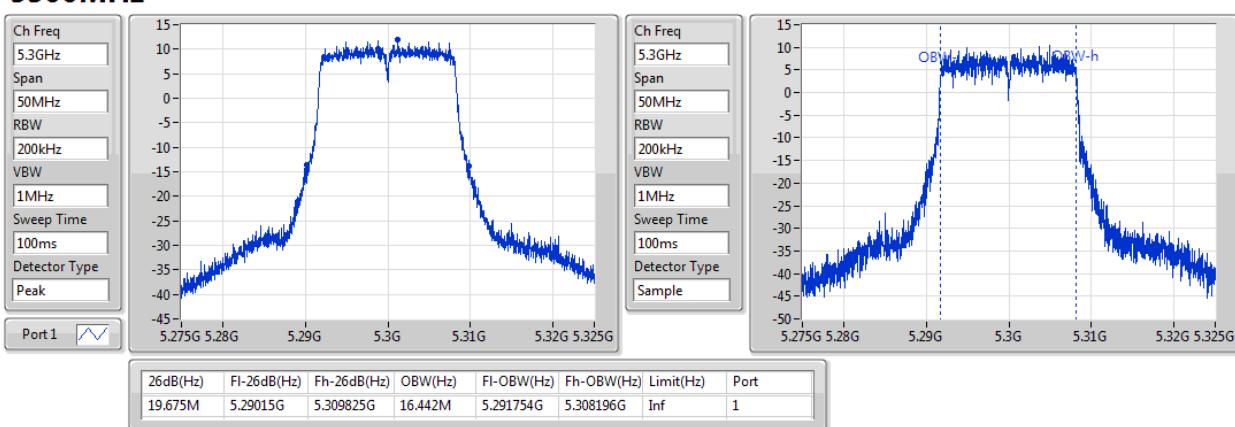
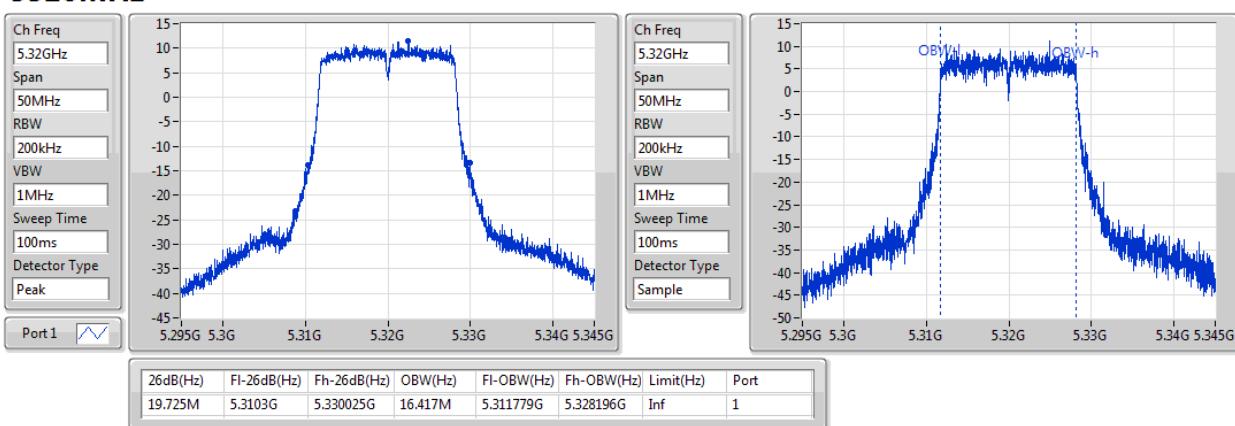
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	21.875M	16.492M
5200MHz	Pass	Inf	42.2M	23.813M
5240MHz	Pass	Inf	19.325M	16.392M
5260MHz	Pass	Inf	19.95M	16.417M
5300MHz	Pass	Inf	19.675M	16.442M
5320MHz	Pass	Inf	19.725M	16.417M
5500MHz	Pass	Inf	20.25M	16.442M
5580MHz	Pass	Inf	20.675M	16.417M
5700MHz	Pass	Inf	20.2M	16.442M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.705M	13.238M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	3.758M
5745MHz	Pass	500k	16.3M	16.417M
5785MHz	Pass	500k	16.3M	16.417M
5825MHz	Pass	500k	16.3M	16.442M
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	21.975M	17.666M
5200MHz	Pass	Inf	42.925M	22.364M
5240MHz	Pass	Inf	20.85M	17.616M
5260MHz	Pass	Inf	20.975M	17.641M
5300MHz	Pass	Inf	20.65M	17.616M
5320MHz	Pass	Inf	20.675M	17.591M
5500MHz	Pass	Inf	21.15M	17.641M
5580MHz	Pass	Inf	20.975M	17.641M
5700MHz	Pass	Inf	21.175M	17.616M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.72M	13.838M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.78M	4.098M
5745MHz	Pass	500k	17.15M	17.641M
5785MHz	Pass	500k	17.3M	17.666M
5825MHz	Pass	500k	17.525M	17.641M
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	39.85M	35.982M
5230MHz	Pass	Inf	40.15M	36.032M
5270MHz	Pass	Inf	39.75M	36.082M
5310MHz	Pass	Inf	39.65M	35.932M
5510MHz	Pass	Inf	39.7M	35.932M
5550MHz	Pass	Inf	40.9M	36.082M
5670MHz	Pass	Inf	39.9M	36.082M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.175M	32.814M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	4.878M
5755MHz	Pass	500k	36.25M	54.673M
5795MHz	Pass	500k	33.7M	64.868M

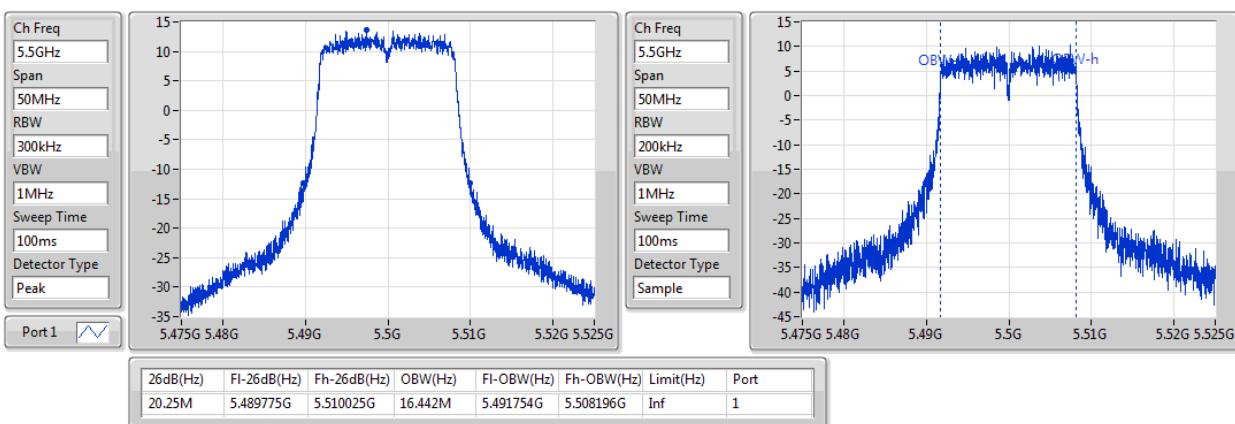
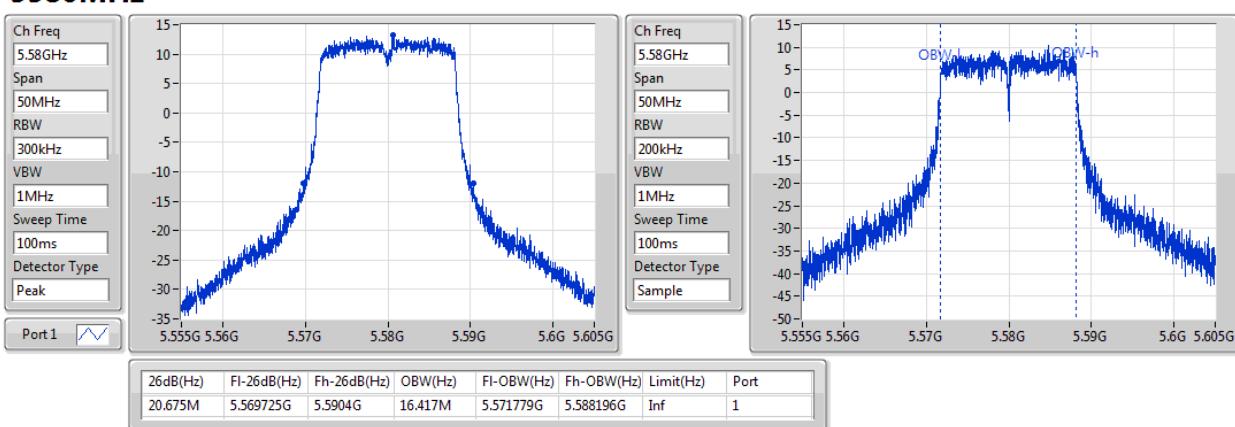
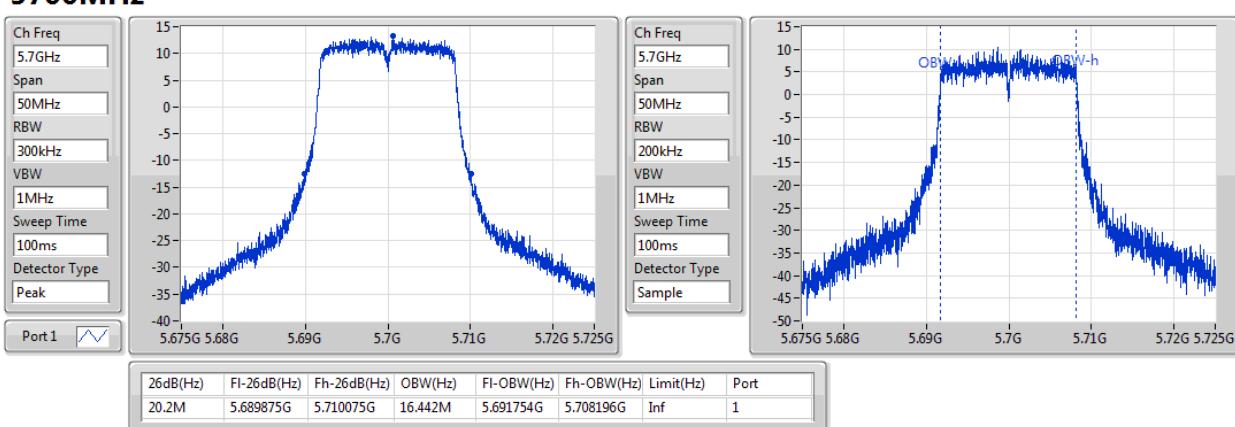
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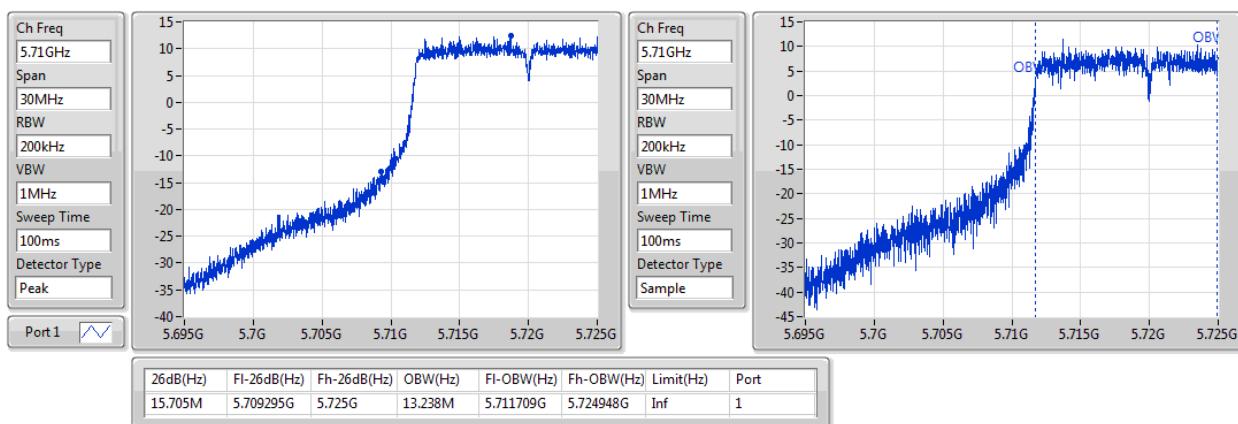
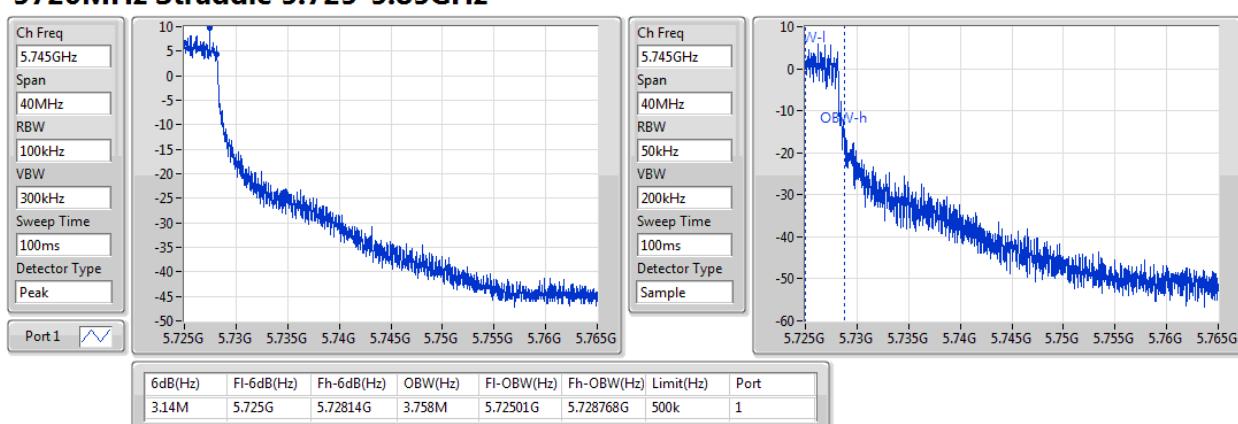
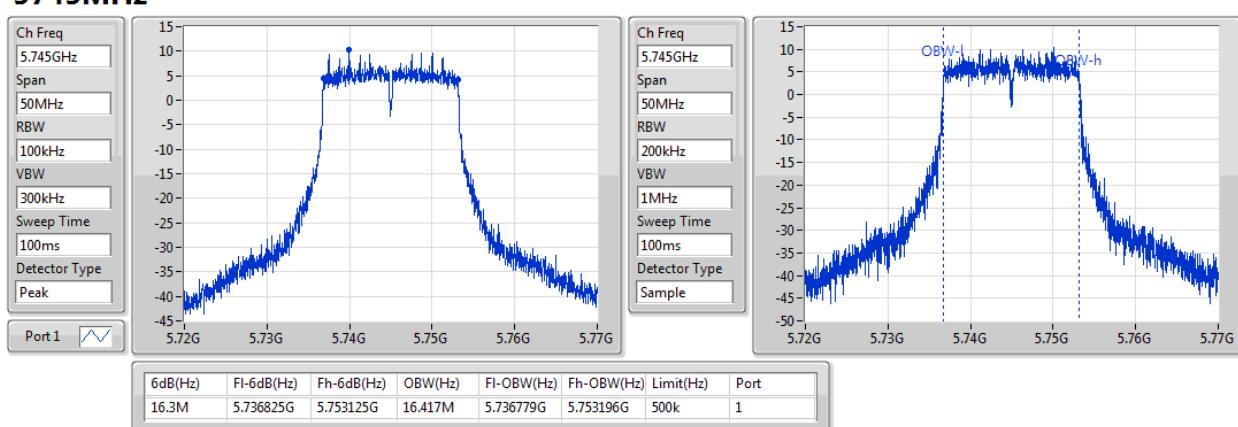
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	86.7M	75.762M
5290MHz	Pass	Inf	85.9M	75.762M
5530MHz	Pass	Inf	85.2M	75.662M
5610MHz	Pass	Inf	85.6M	75.662M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	77.175M	72.489M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	14.053M
5775MHz	Pass	500k	75.4M	76.062M

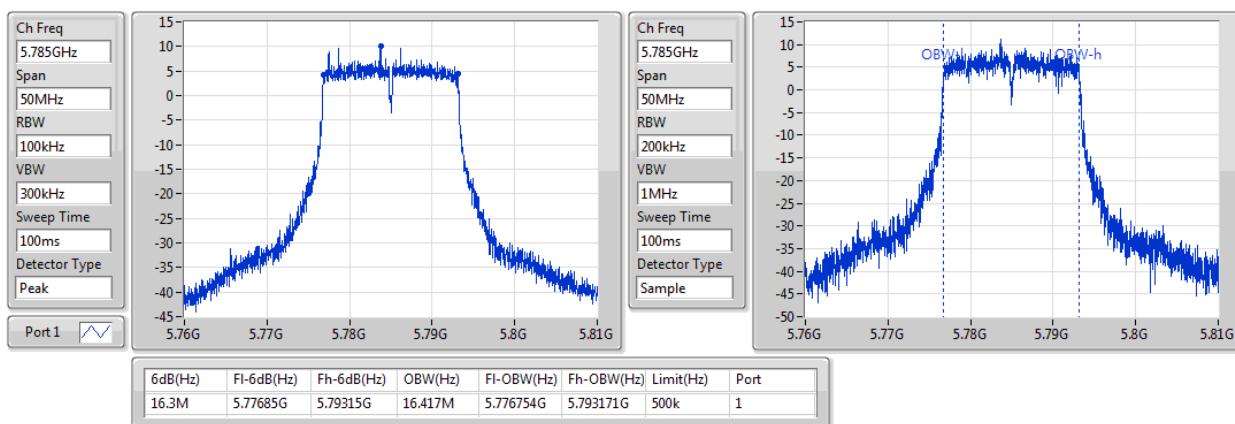
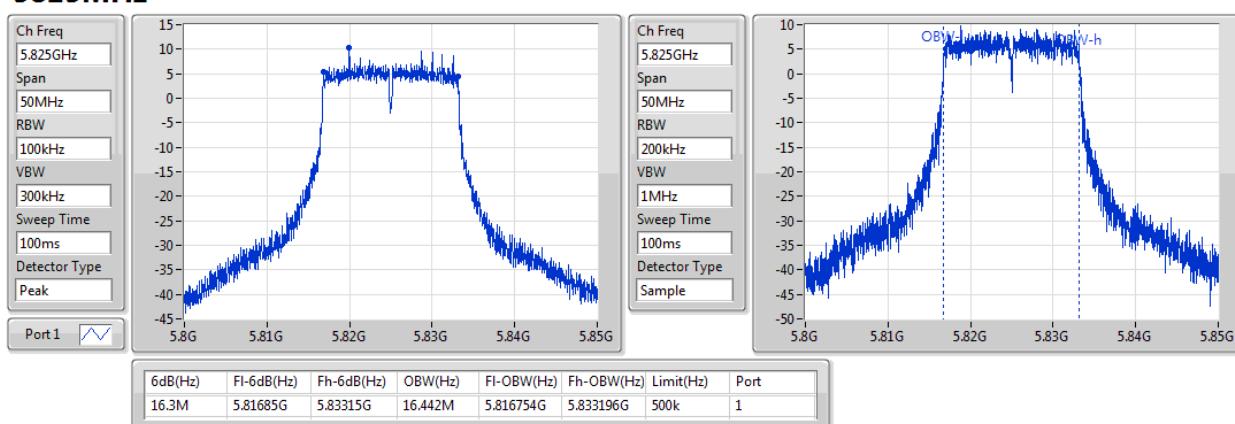
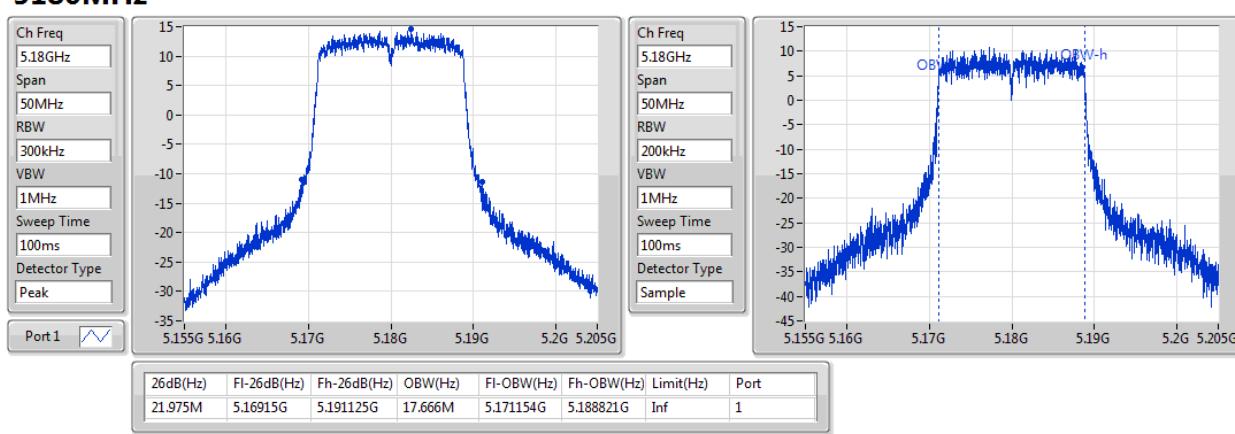
**Port X-N dB** = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band**Port X-OBW** = Port X 99% occupied bandwidth;

**802.11a\_(6Mbps)\_1TX****EBW****5180MHz****802.11a\_(6Mbps)\_1TX****EBW****5200MHz****802.11a\_(6Mbps)\_1TX****EBW****5240MHz**

**802.11a\_(6Mbps)\_1TX****EBW****5260MHz****802.11a\_(6Mbps)\_1TX****EBW****5300MHz****802.11a\_(6Mbps)\_1TX****EBW****5320MHz**

**802.11a\_(6Mbps)\_1TX****EBW****5500MHz****802.11a\_(6Mbps)\_1TX****EBW****5580MHz****802.11a\_(6Mbps)\_1TX****EBW****5700MHz**

**802.11a\_(6Mbps)\_1TX****EBW****5720MHz Straddle 5.47-5.725GHz****802.11a\_(6Mbps)\_1TX****EBW****5720MHz Straddle 5.725-5.85GHz****802.11a\_(6Mbps)\_1TX****EBW****5745MHz**

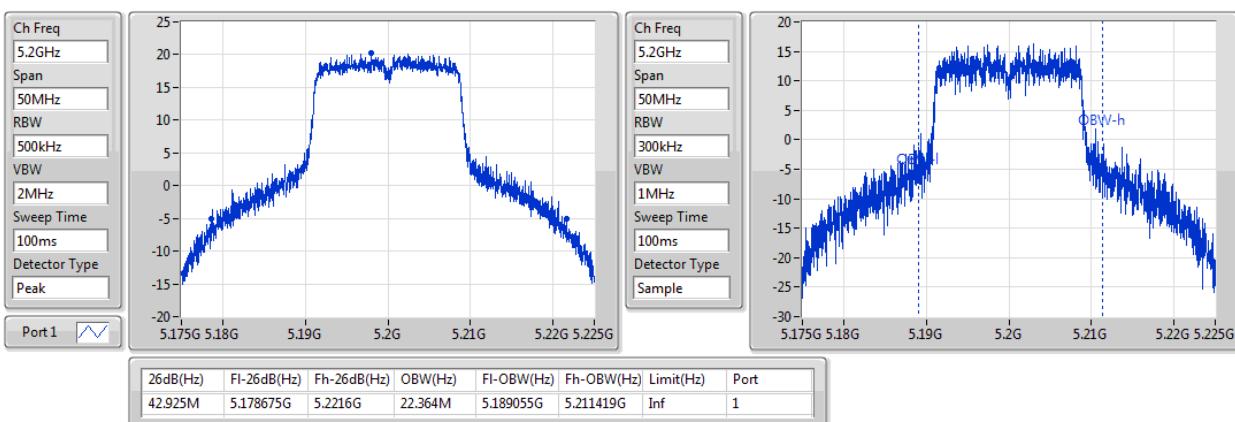
**802.11a\_(6Mbps)\_1TX****EBW****5785MHz****802.11a\_(6Mbps)\_1TX****EBW****5825MHz****802.11ac VHT20\_Nss1,(MCS0)\_1TX****EBW****5180MHz**



## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

EBW

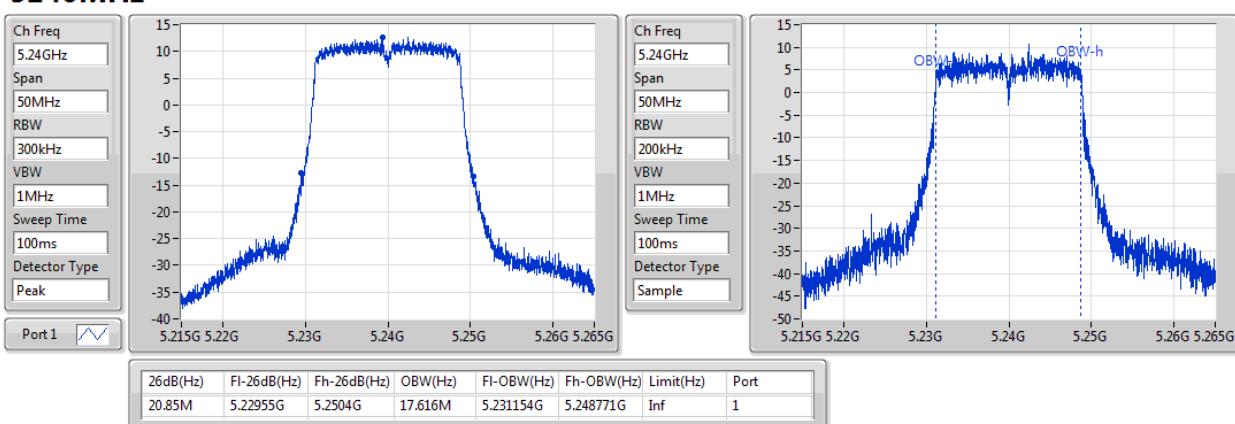
5200MHz



## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

EBW

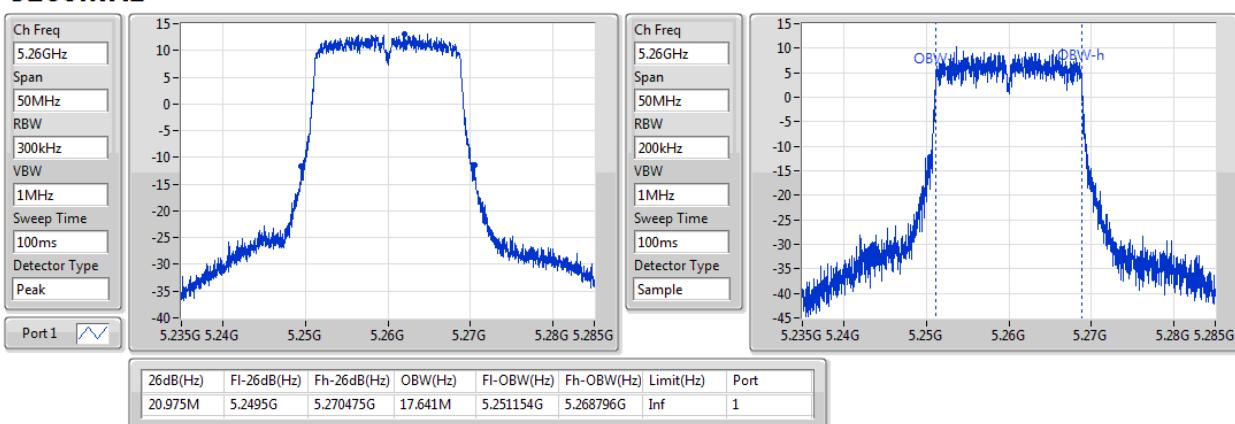
5240MHz



## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

EBW

5260MHz

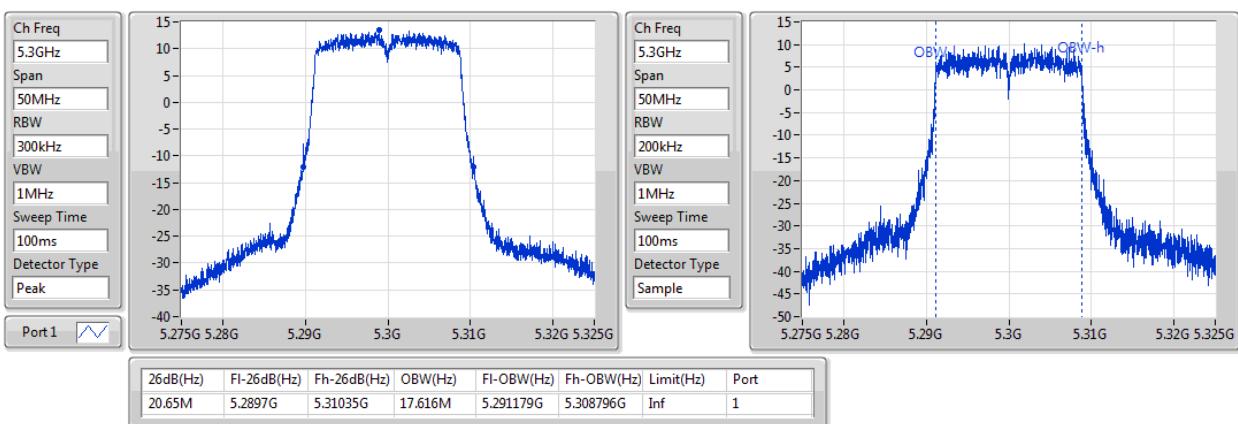




## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

EBW

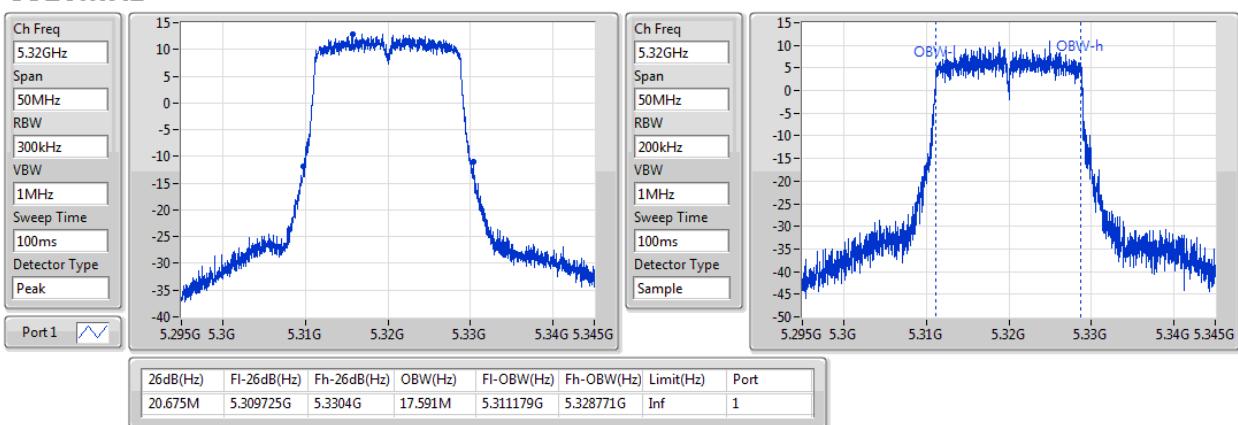
5300MHz



## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

EBW

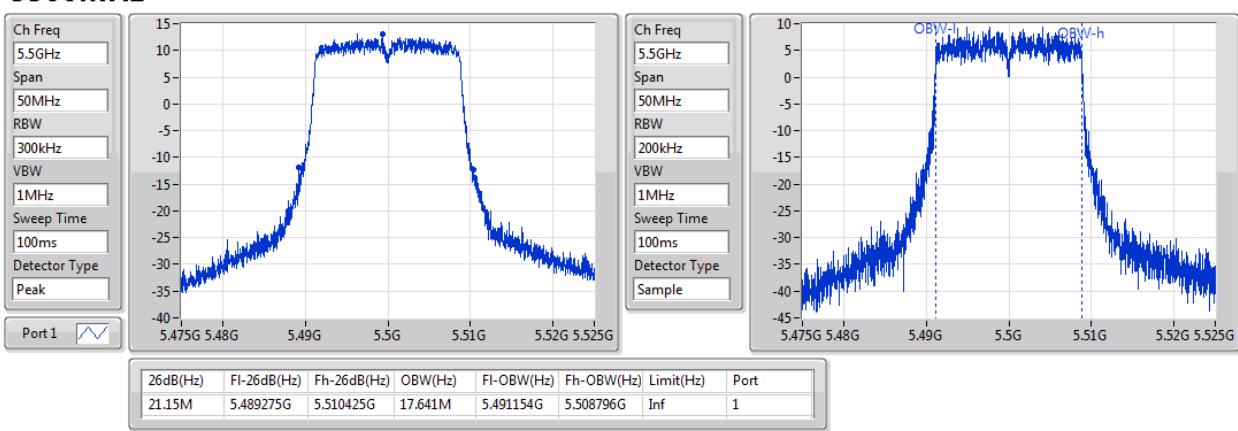
5320MHz



## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

EBW

5500MHz

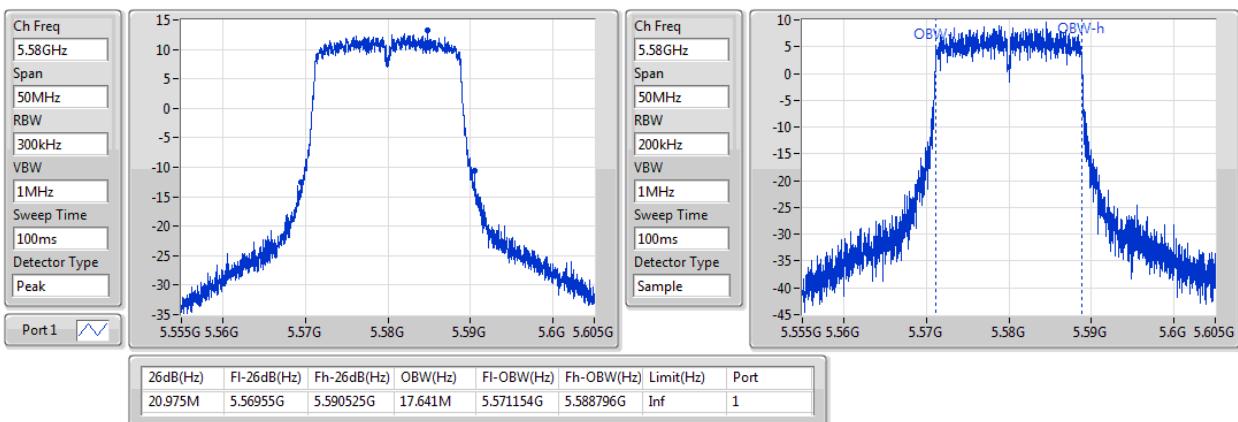




## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

EBW

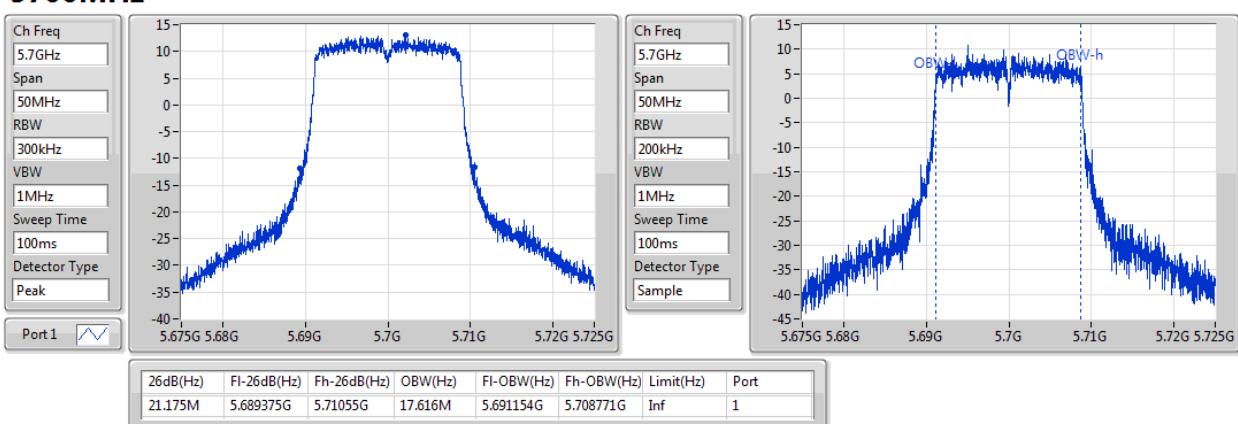
5580MHz



## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

EBW

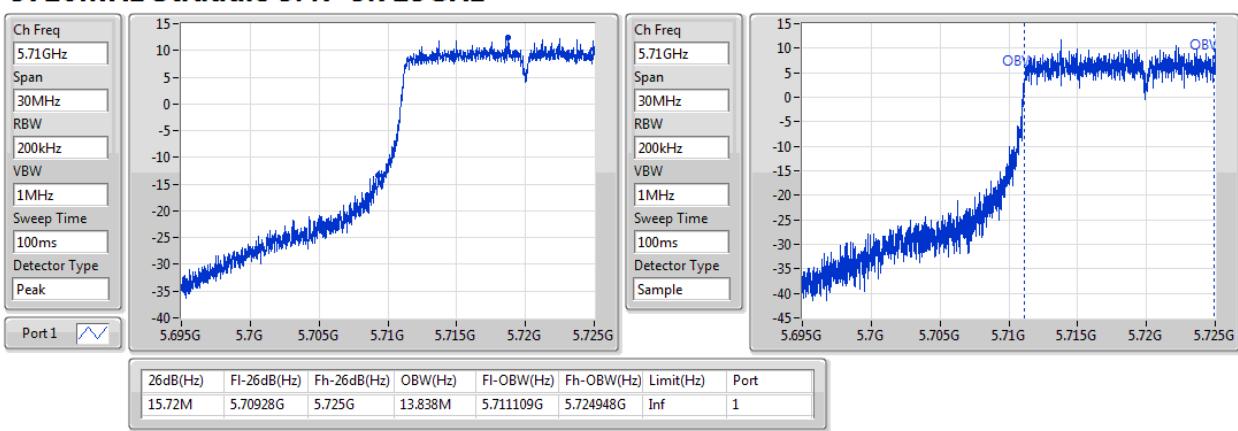
5700MHz



## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

EBW

5720MHz Straddle 5.47-5.725GHz

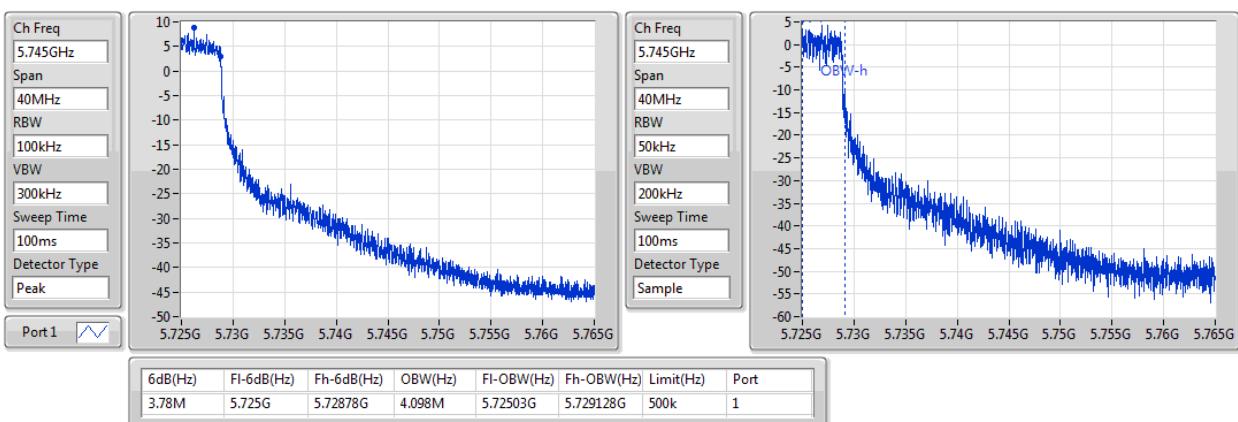




## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

EBW

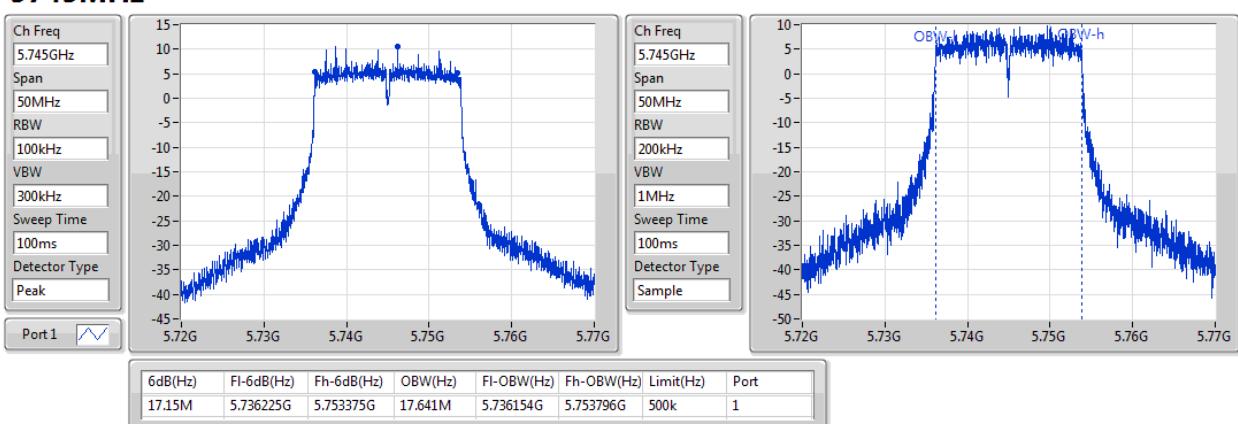
## 5720MHz Straddle 5.725-5.85GHz



## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

EBW

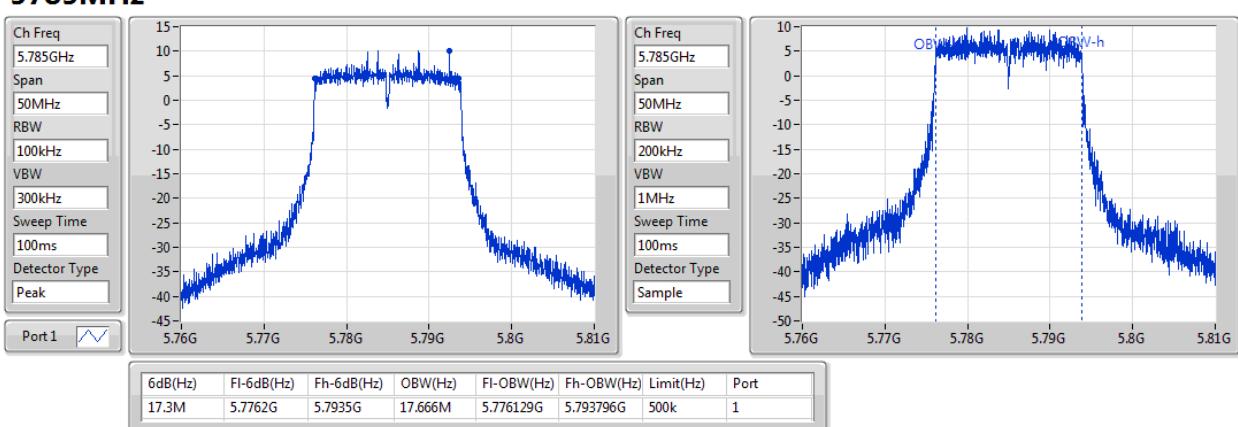
## 5745MHz



## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

EBW

## 5785MHz

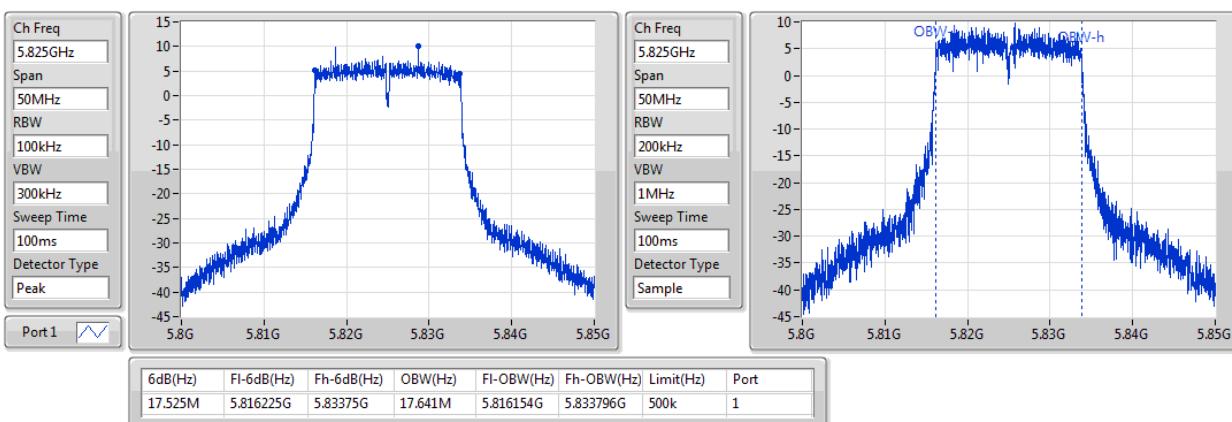




## 802.11ac VHT20\_Nss1,(MCS0)\_1TX

EBW

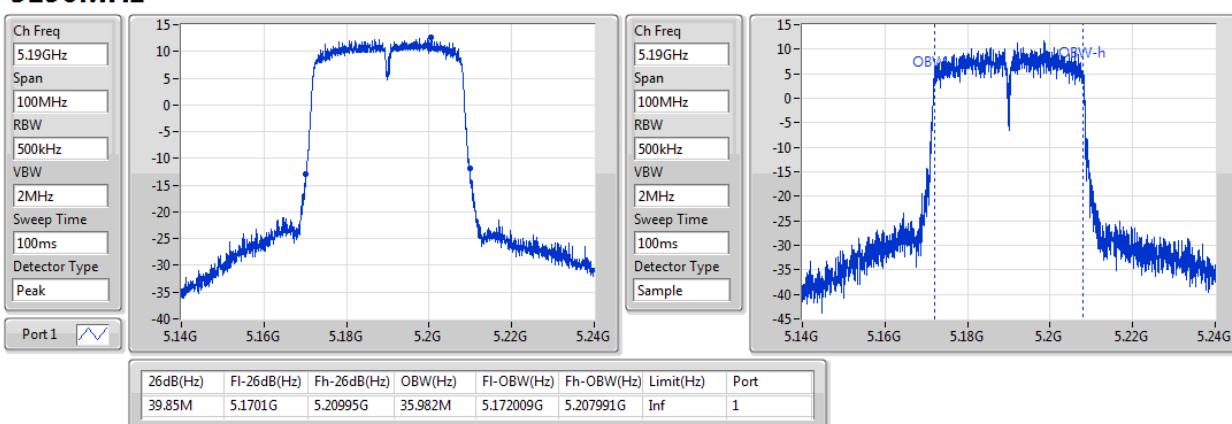
5825MHz



## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

EBW

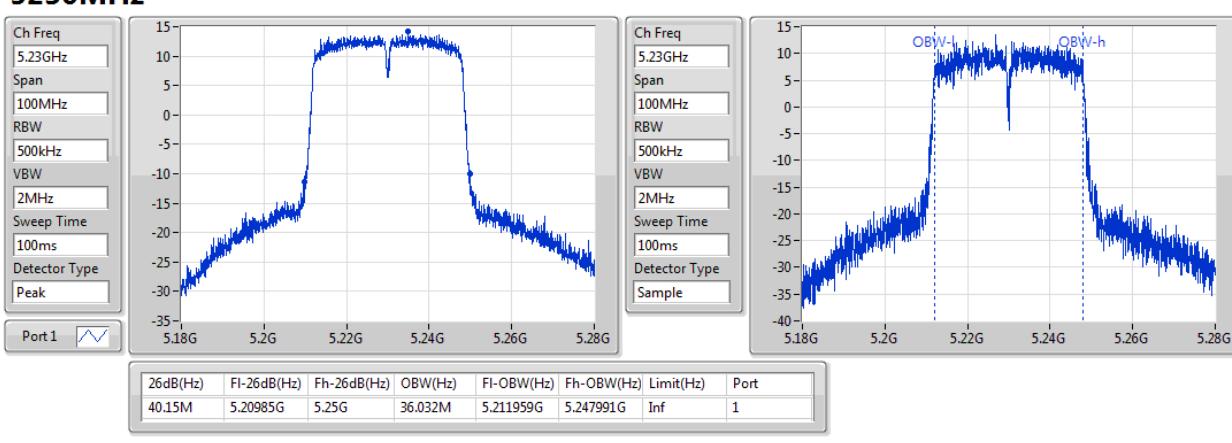
5190MHz



## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

EBW

5230MHz

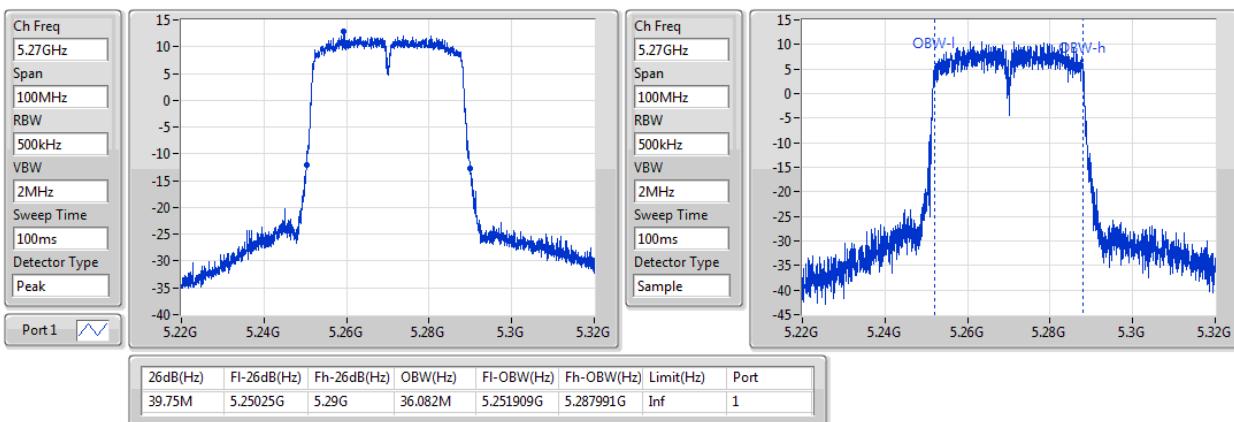




## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

EBW

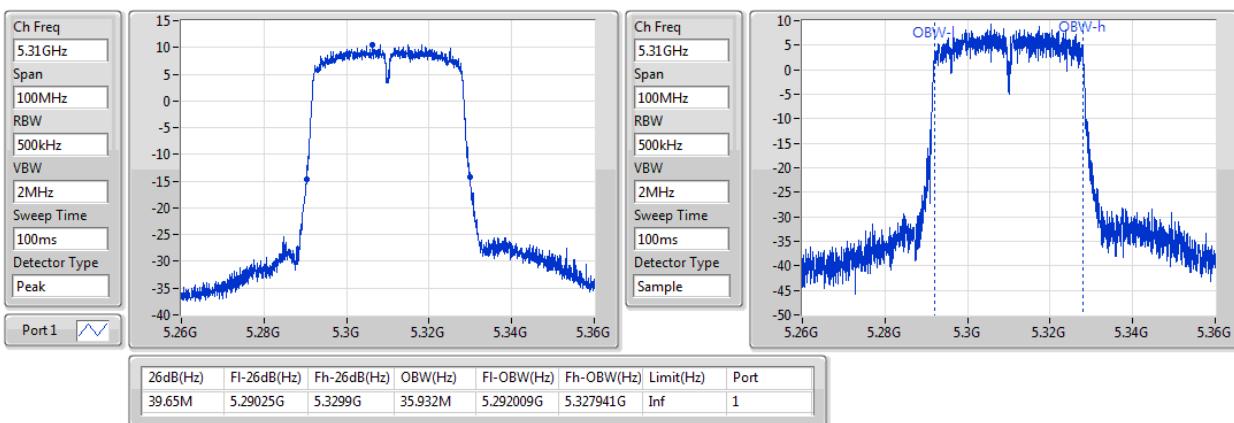
5270MHz



## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

EBW

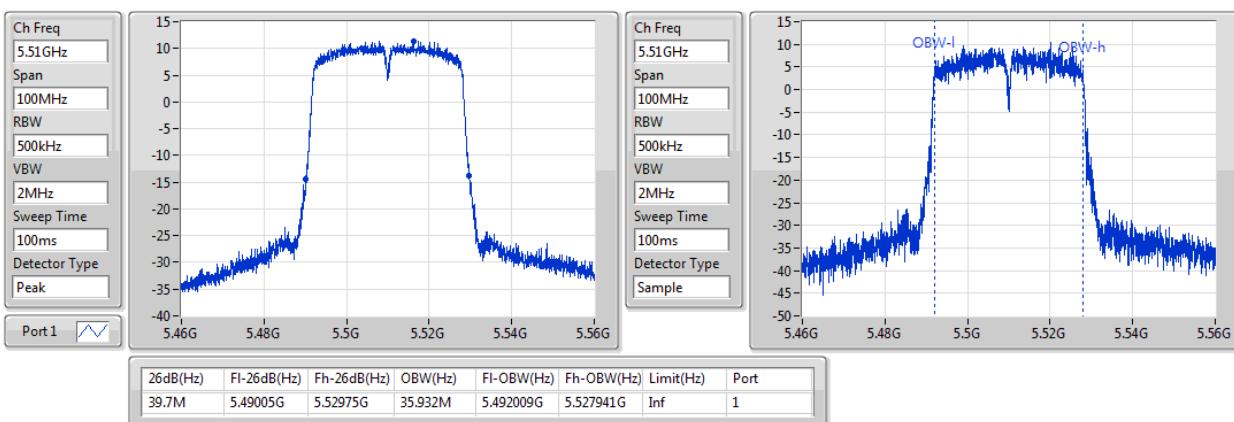
5310MHz



## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

EBW

5510MHz

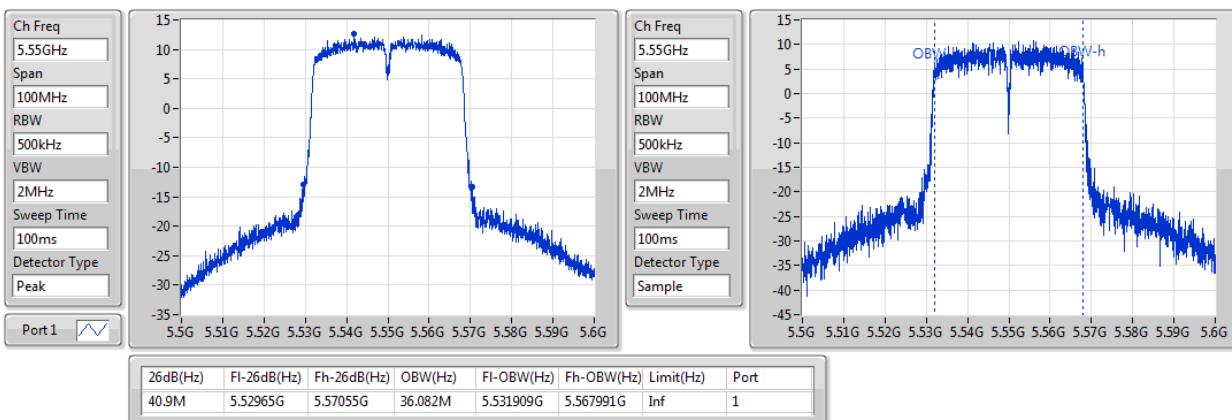




## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

EBW

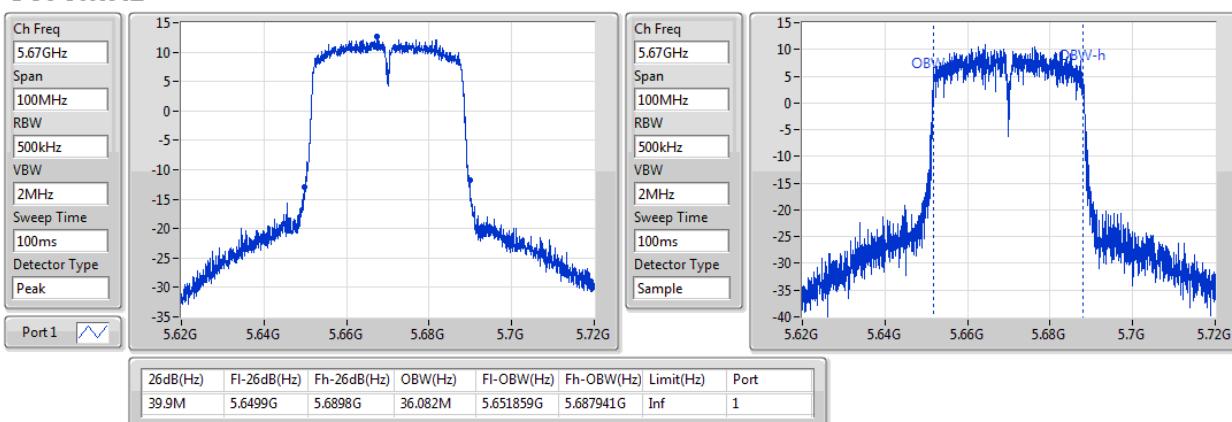
5550MHz



## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

EBW

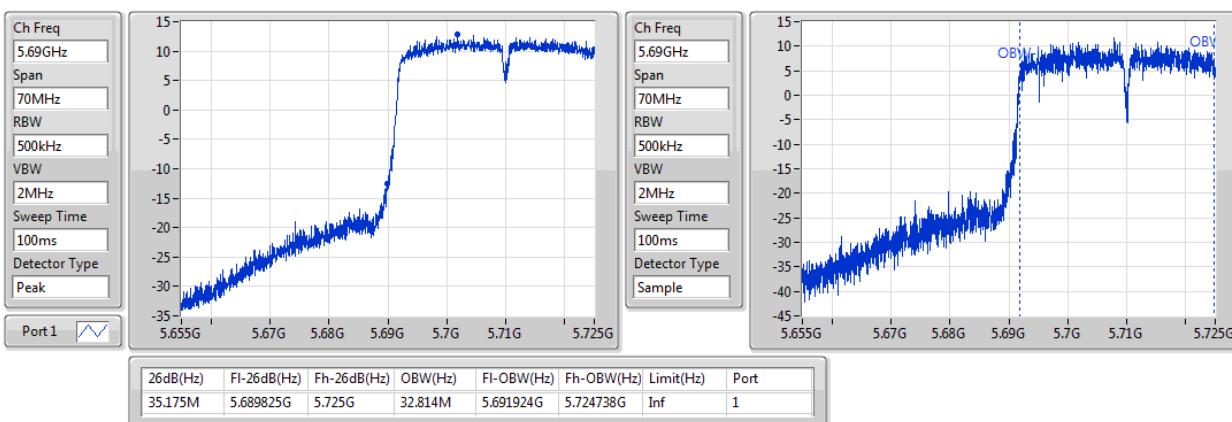
5670MHz



## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

EBW

5710MHz Straddle 5.47-5.725GHz

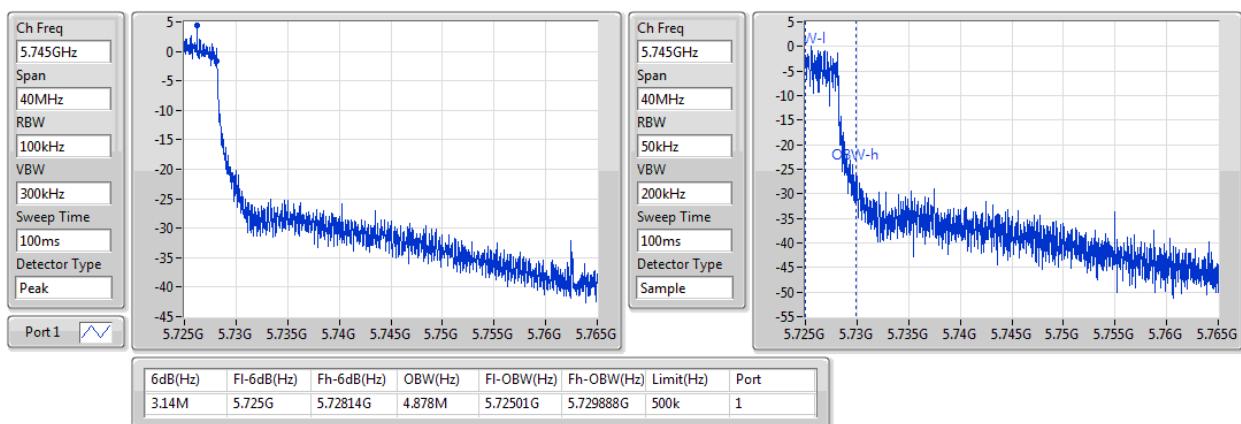




## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

EBW

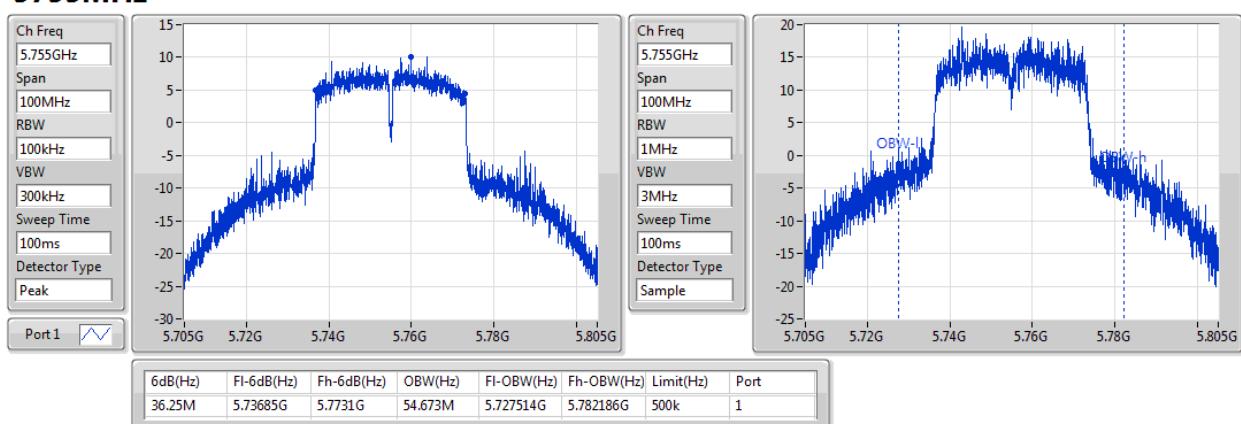
## 5710MHz Straddle 5.725-5.85GHz



## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

EBW

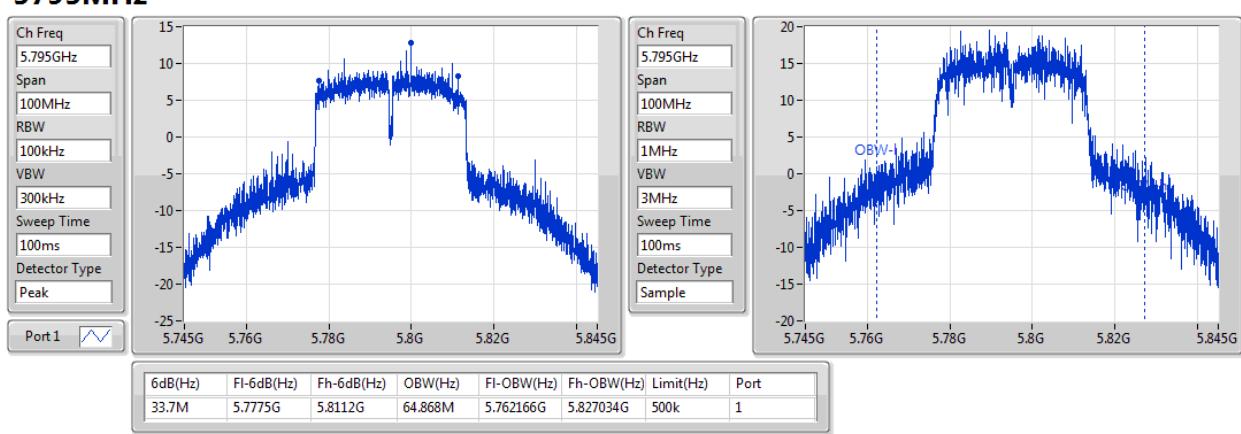
## 5755MHz



## 802.11ac VHT40\_Nss1,(MCS0)\_1TX

EBW

## 5795MHz

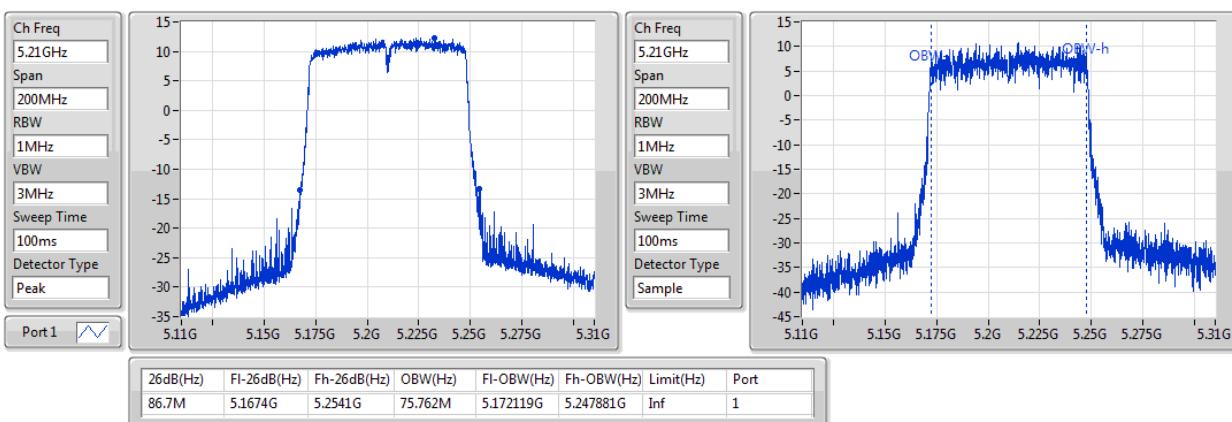




## 802.11ac VHT80\_Nss1,(MCS0)\_1TX

EBW

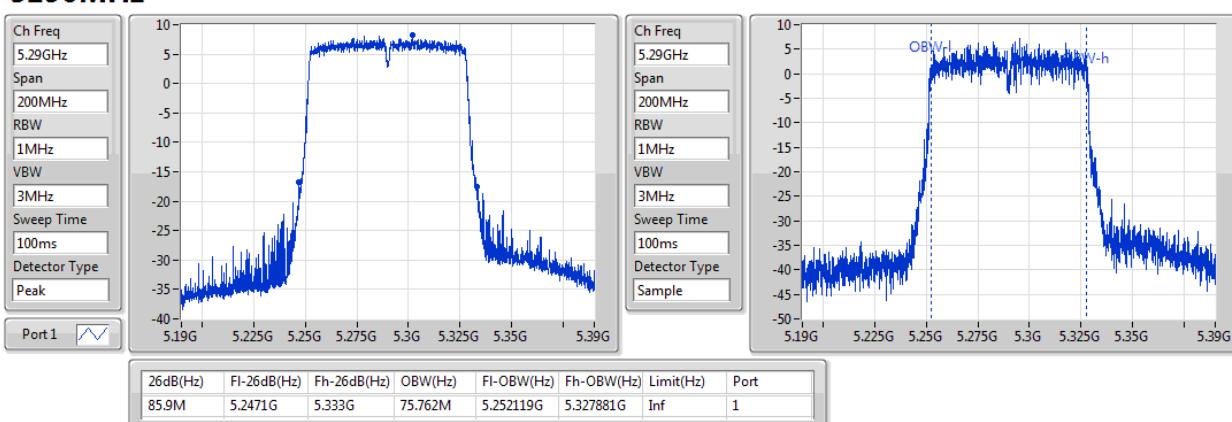
5210MHz



## 802.11ac VHT80\_Nss1,(MCS0)\_1TX

EBW

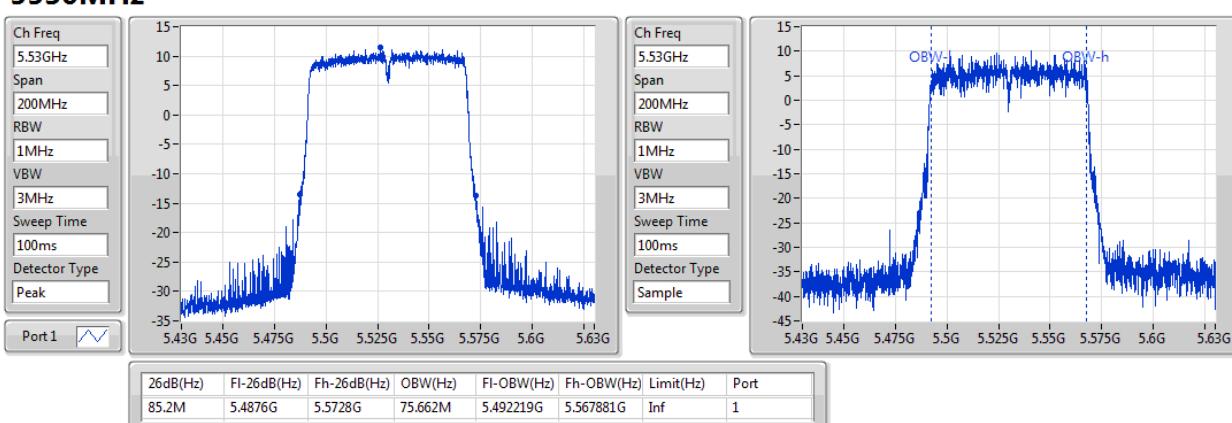
5290MHz



## 802.11ac VHT80\_Nss1,(MCS0)\_1TX

EBW

5530MHz

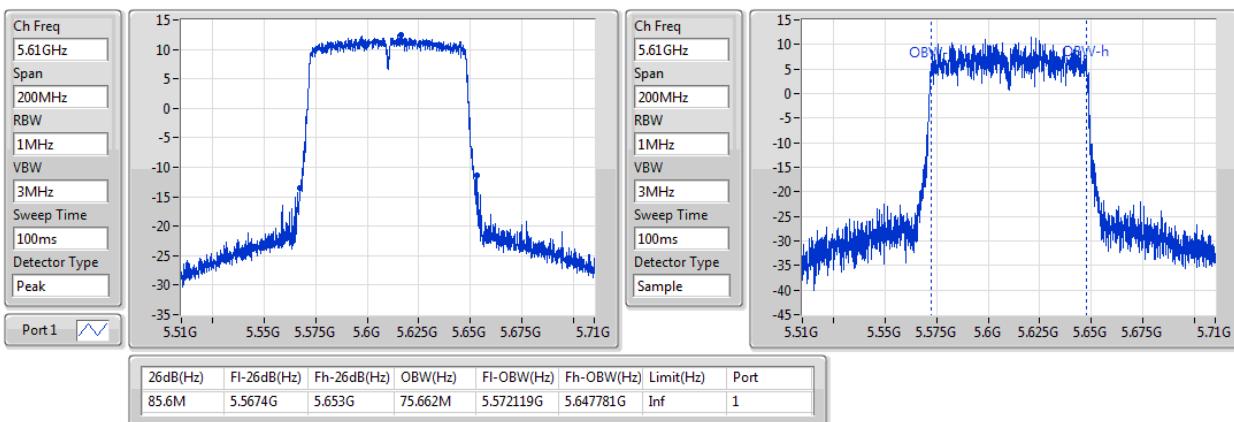




## 802.11ac VHT80\_Nss1,(MCS0)\_1TX

EBW

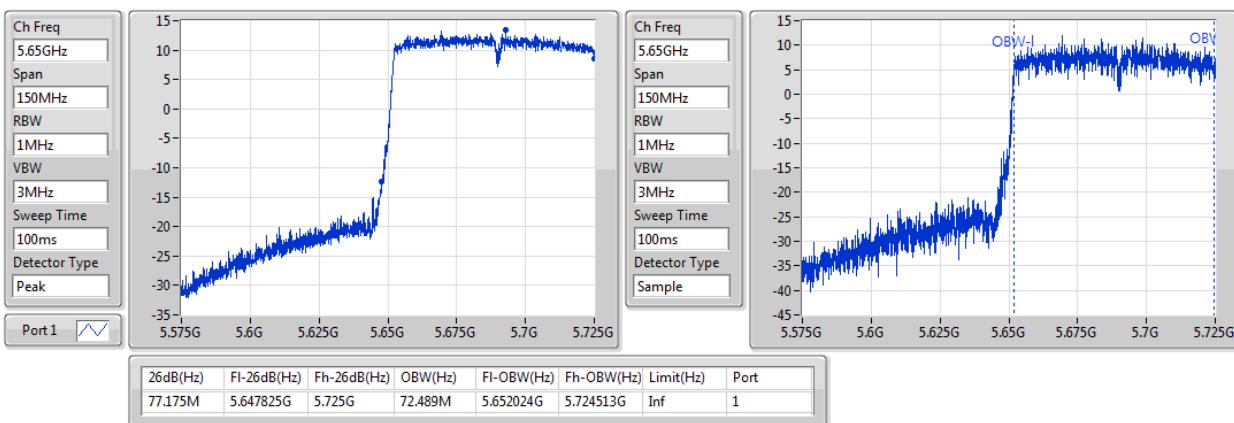
5610MHz



## 802.11ac VHT80\_Nss1,(MCS0)\_1TX

EBW

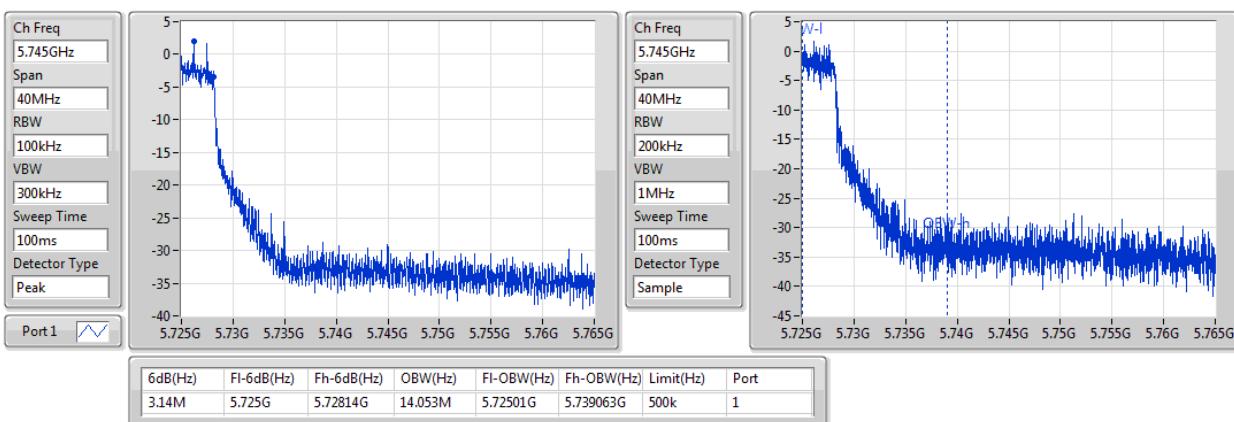
5690MHz Straddle 5.47-5.725GHz

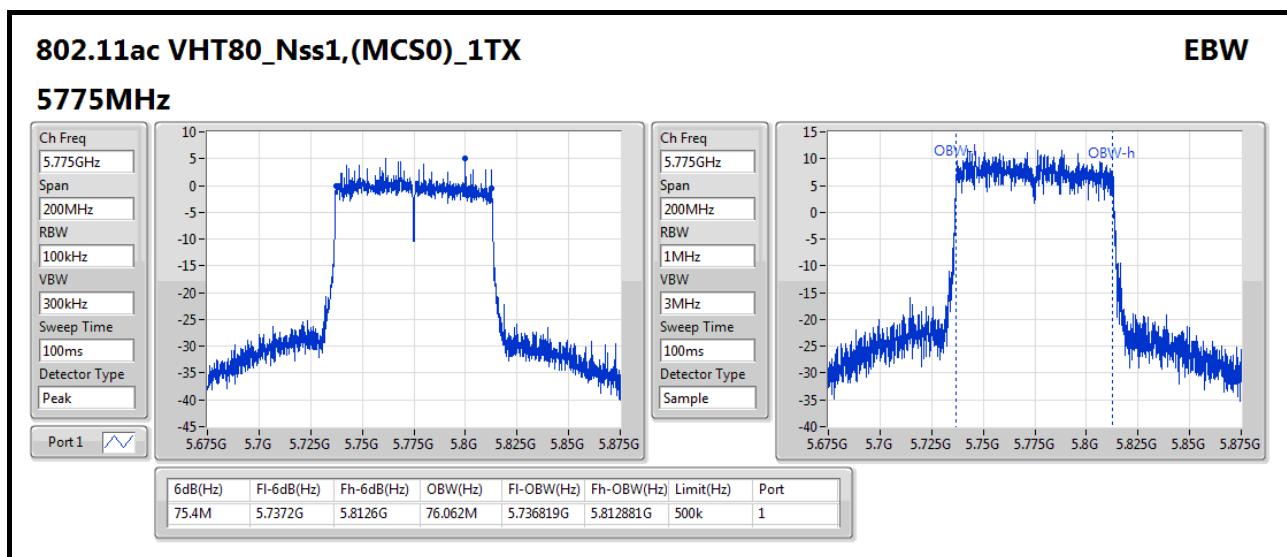


## 802.11ac VHT80\_Nss1,(MCS0)\_1TX

EBW

5690MHz Straddle 5.725-5.85GHz







**For Set 4 antennas / 2TX:**  
**<For Non-Beamforming Mode>**  
**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
802.11a_(6Mbps)_2TX	-	-	-	-	-
5.15-5.25GHz	20.325M	16.467M	16M5D1D	19.7M	16.392M
5.25-5.35GHz	19.425M	16.442M	16M4D1D	19.025M	16.317M
5.47-5.725GHz	19.8M	16.417M	16M4D1D	14.625M	13.178M
5.725-5.85GHz	16.325M	16.992M	17M0D1D	3.14M	3.458M
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	21.425M	17.691M	17M7D1D	20.7M	17.616M
5.25-5.35GHz	20.8M	17.641M	17M6D1D	19.7M	17.491M
5.47-5.725GHz	20.875M	17.641M	17M6D1D	15.105M	13.793M
5.725-5.85GHz	17.55M	17.916M	17M9D1D	3.72M	3.918M
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	50.6M	36.132M	36M1D1D	39.8M	35.982M
5.25-5.35GHz	40.05M	36.082M	36M1D1D	39.6M	35.882M
5.47-5.725GHz	39.95M	36.082M	36M1D1D	34.895M	32.779M
5.725-5.85GHz	35.6M	36.482M	36M5D1D	3.12M	3.638M
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	88.1M	75.762M	75M8D1D	86.5M	75.562M
5.25-5.35GHz	85.5M	75.862M	75M9D1D	84.9M	75.662M
5.47-5.725GHz	90.2M	75.862M	75M9D1D	77.25M	72.489M
5.725-5.85GHz	75M	75.762M	75M8D1D	3.12M	6.177M

**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;



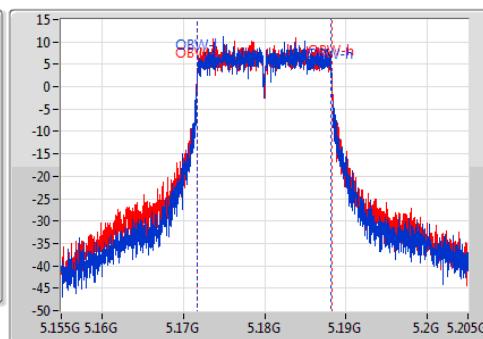
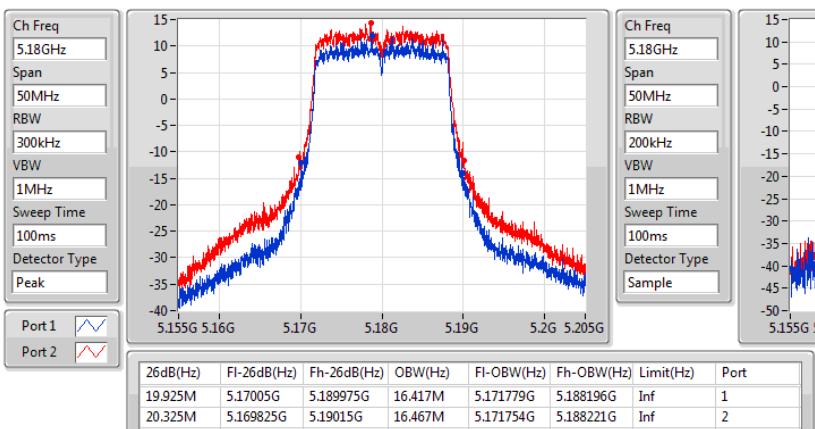
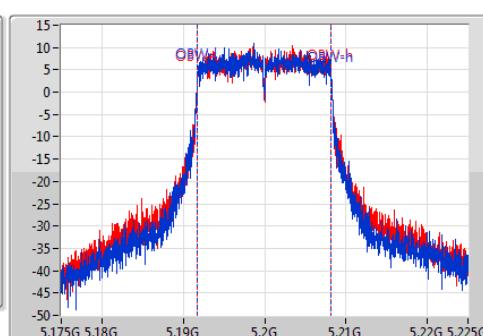
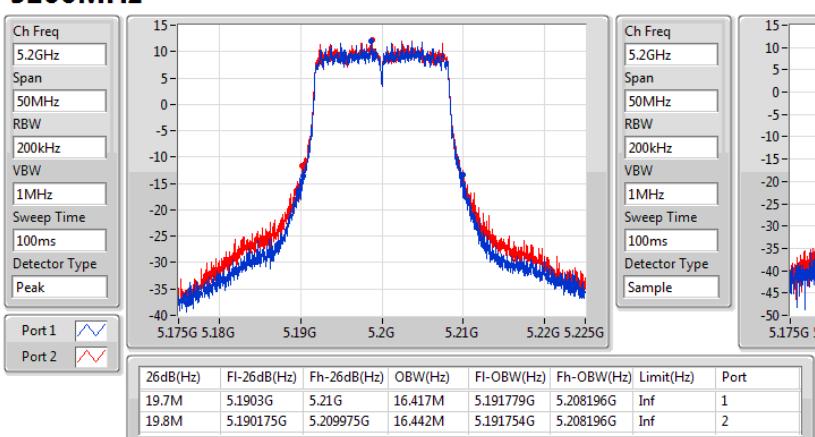
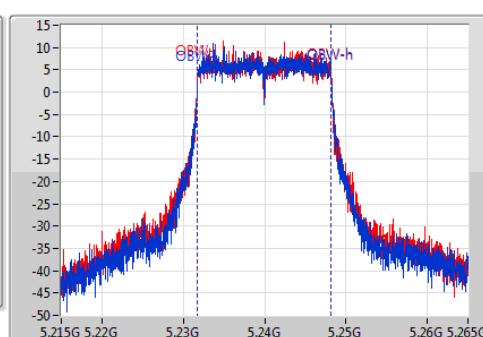
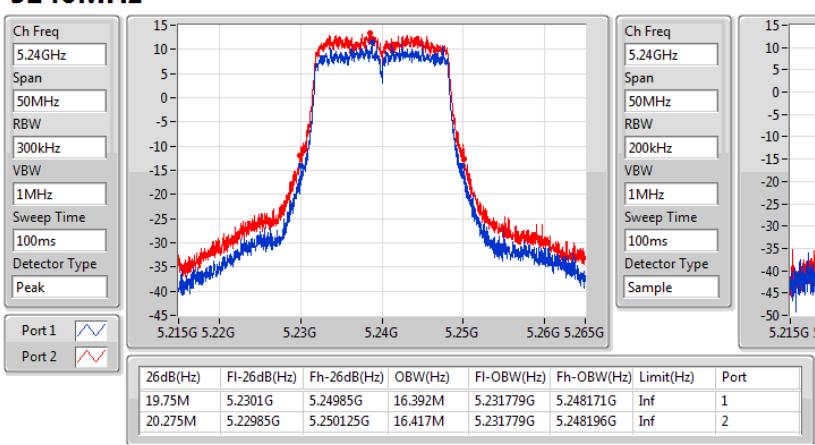
## Result

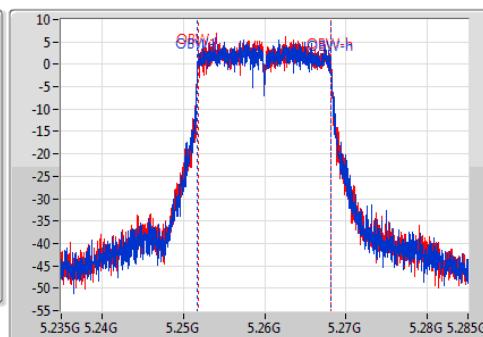
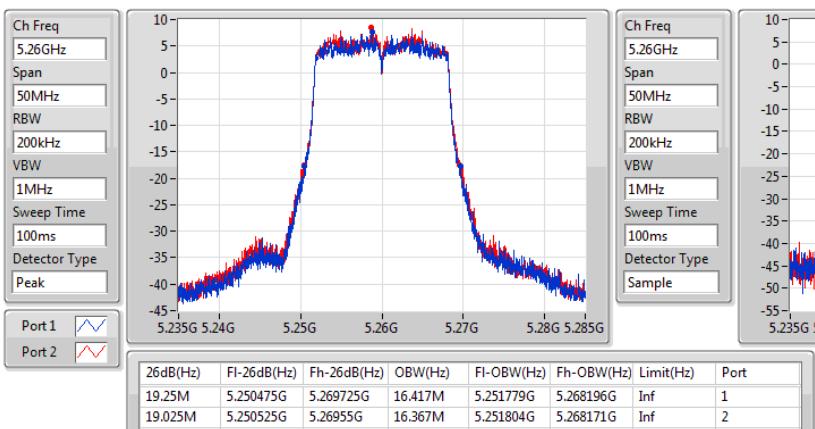
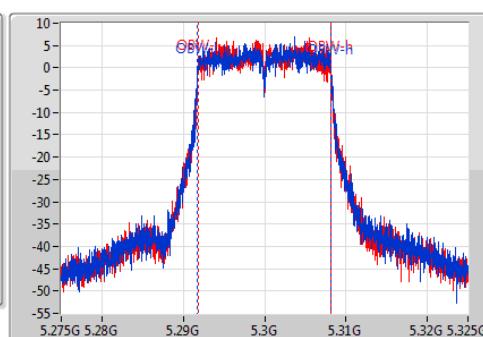
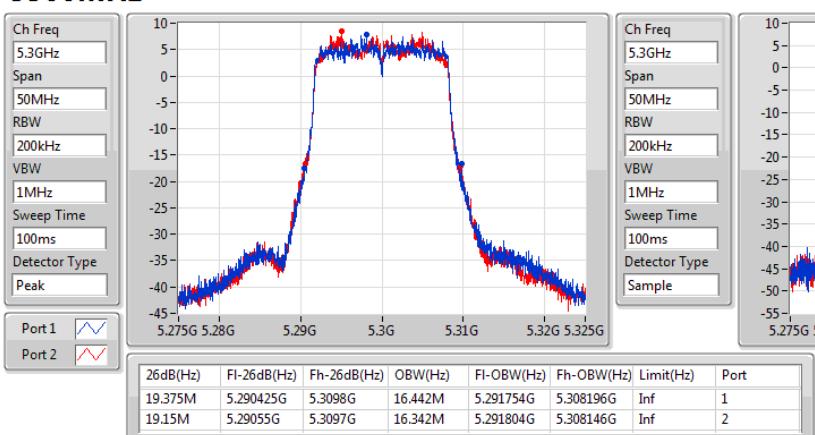
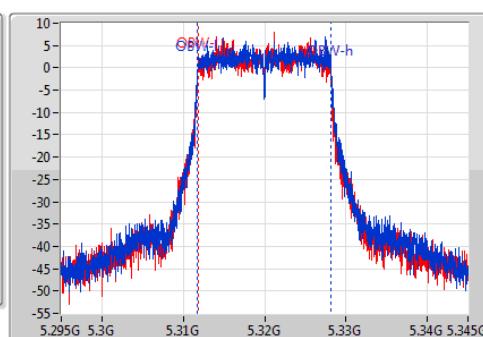
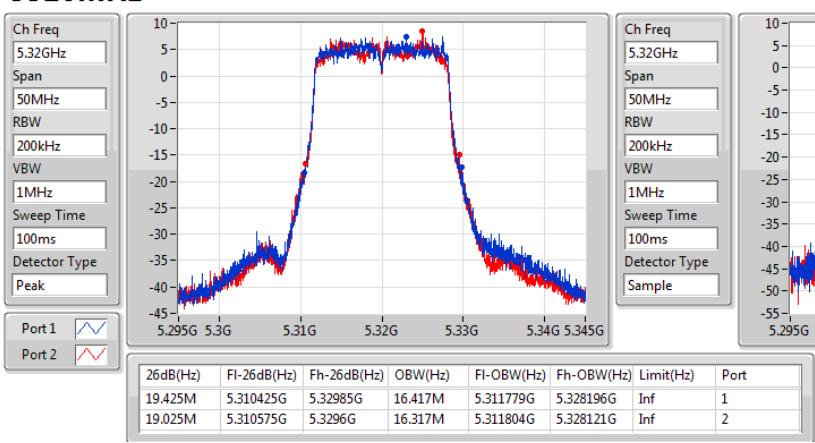
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	19.925M	16.417M	20.325M	16.467M
5200MHz	Pass	Inf	19.7M	16.417M	19.8M	16.442M
5240MHz	Pass	Inf	19.75M	16.392M	20.275M	16.417M
5260MHz	Pass	Inf	19.25M	16.417M	19.025M	16.367M
5300MHz	Pass	Inf	19.375M	16.442M	19.15M	16.342M
5320MHz	Pass	Inf	19.425M	16.417M	19.025M	16.317M
5500MHz	Pass	Inf	19.225M	16.417M	19.8M	16.367M
5580MHz	Pass	Inf	19.175M	16.392M	19.175M	16.417M
5700MHz	Pass	Inf	19.275M	16.392M	19.55M	16.417M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.625M	13.208M	14.895M	13.178M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	3.458M	3.14M	3.458M
5745MHz	Pass	500k	16.325M	16.642M	16.3M	16.642M
5785MHz	Pass	500k	16.3M	16.667M	16.3M	16.717M
5825MHz	Pass	500k	16.3M	16.992M	16.325M	16.767M
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.7M	17.641M	21.425M	17.641M
5200MHz	Pass	Inf	21.225M	17.666M	21.325M	17.691M
5240MHz	Pass	Inf	20.725M	17.641M	21.025M	17.616M
5260MHz	Pass	Inf	20.55M	17.616M	20.35M	17.591M
5300MHz	Pass	Inf	20.675M	17.616M	19.7M	17.491M
5320MHz	Pass	Inf	20.8M	17.641M	20.25M	17.516M
5500MHz	Pass	Inf	20.35M	17.591M	20.825M	17.616M
5580MHz	Pass	Inf	20.275M	17.591M	20.825M	17.616M
5700MHz	Pass	Inf	20.875M	17.616M	20.725M	17.641M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.105M	13.823M	15.12M	13.793M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.72M	3.918M	3.86M	3.918M
5745MHz	Pass	500k	17.525M	17.766M	17.55M	17.766M
5785MHz	Pass	500k	17.55M	17.816M	17.55M	17.841M
5825MHz	Pass	500k	17.3M	17.916M	16.9M	17.816M
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.9M	36.082M	39.8M	35.982M
5230MHz	Pass	Inf	44.5M	36.082M	50.6M	36.132M
5270MHz	Pass	Inf	40M	35.932M	40.05M	36.082M
5310MHz	Pass	Inf	39.75M	35.882M	39.6M	36.082M
5510MHz	Pass	Inf	39.75M	36.032M	39.85M	35.982M
5550MHz	Pass	Inf	39.95M	36.082M	39.85M	35.882M
5670MHz	Pass	Inf	39.8M	35.882M	39.75M	35.882M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.07M	32.814M	34.895M	32.779M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.16M	3.678M	3.12M	3.638M
5755MHz	Pass	500k	35.6M	36.432M	34.65M	36.232M
5795MHz	Pass	500k	33.15M	36.482M	35.25M	36.432M

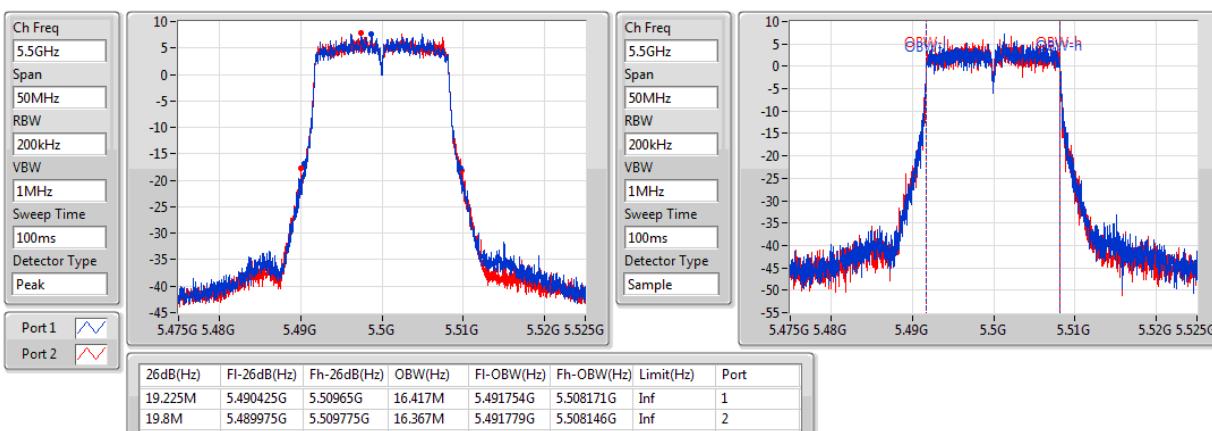
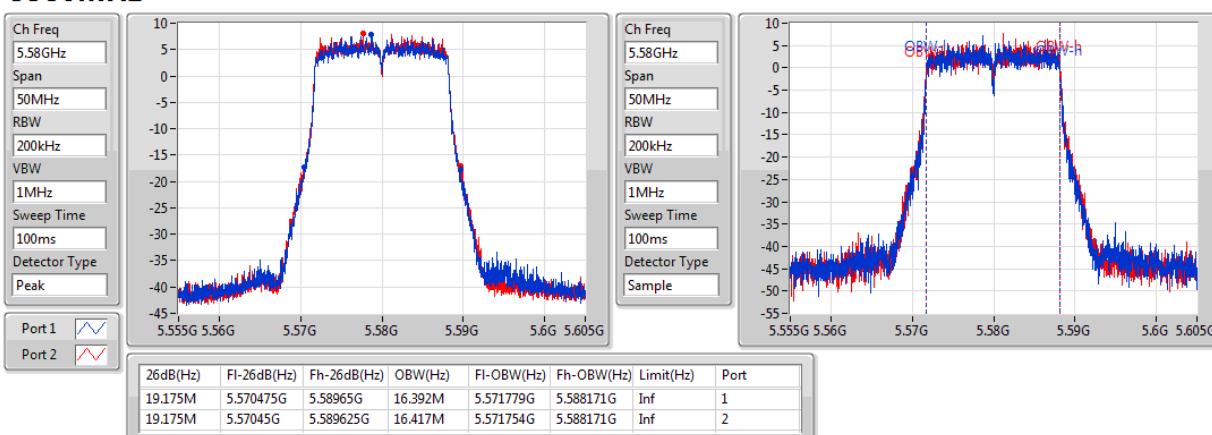
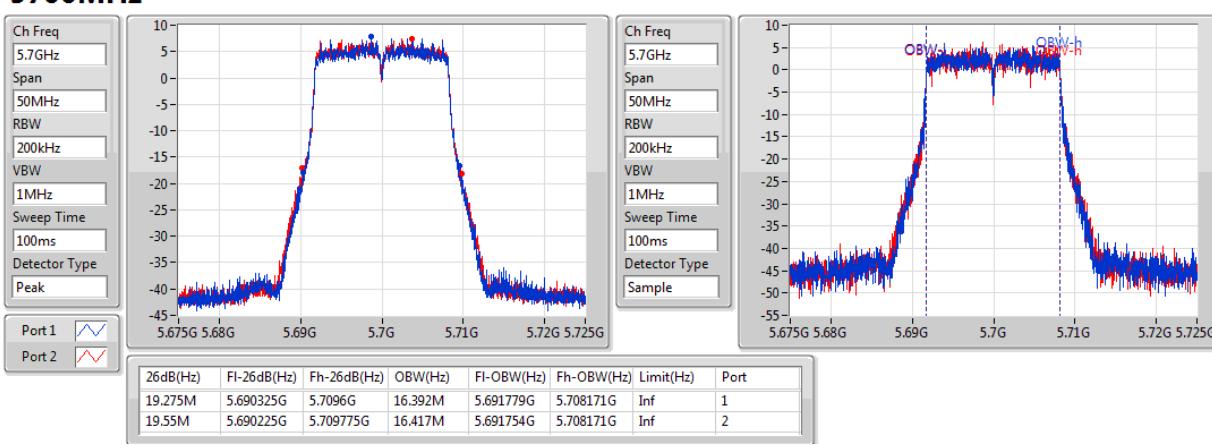
**FCC Test Report****Report No. : FR760613AC**

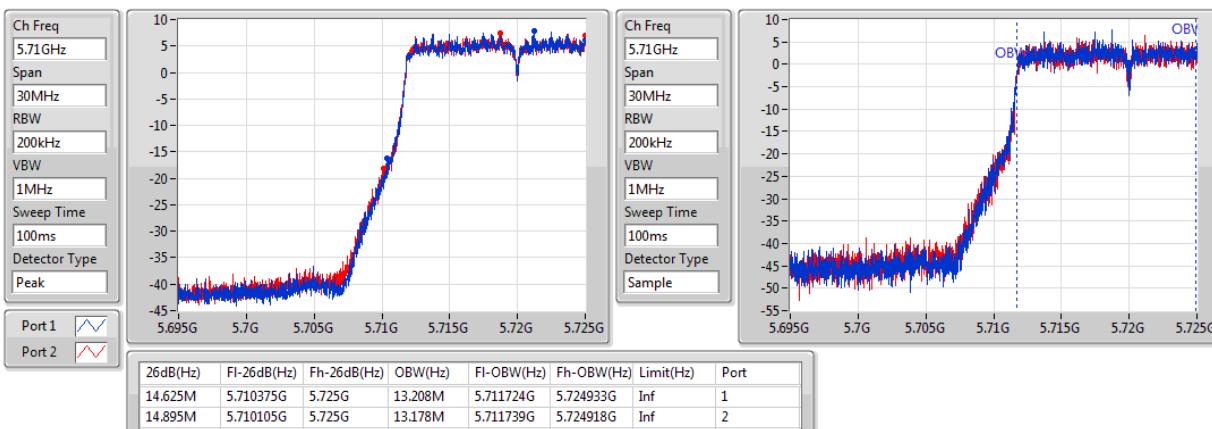
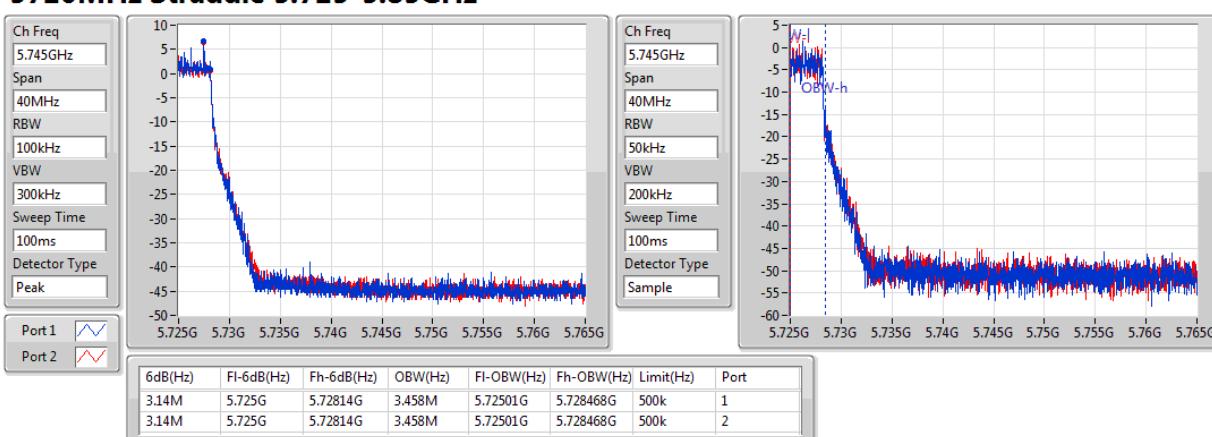
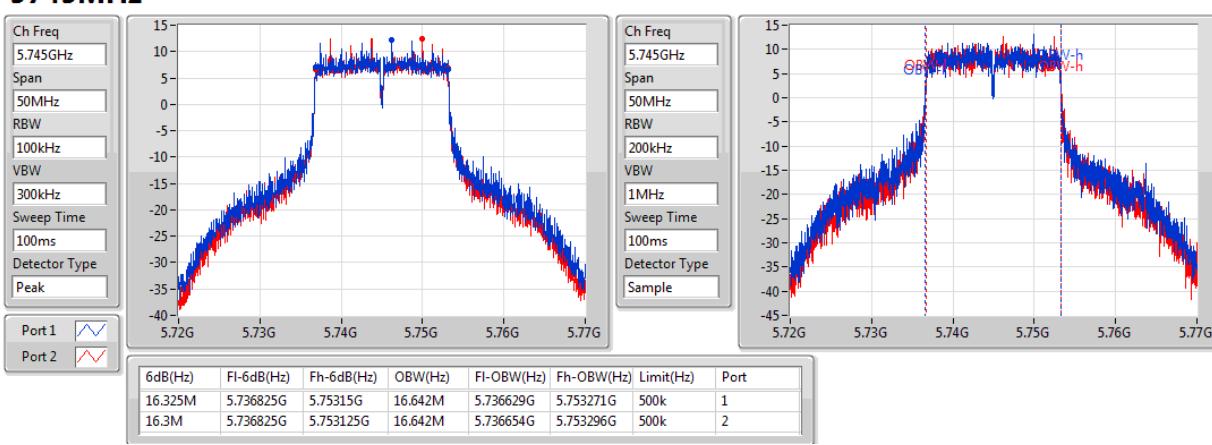
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	88.1M	75.762M	86.5M	75.562M
5290MHz	Pass	Inf	84.9M	75.862M	85.5M	75.662M
5530MHz	Pass	Inf	90.2M	75.662M	85.6M	75.662M
5610MHz	Pass	Inf	83.7M	75.762M	85.1M	75.862M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	77.25M	72.564M	77.4M	72.489M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	6.177M	3.12M	8.396M
5775MHz	Pass	500k	73.5M	75.662M	75M	75.762M

**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\_(6Mbps)\_2TX****EBW****5180MHz****802.11a\_(6Mbps)\_2TX****EBW****5200MHz****802.11a\_(6Mbps)\_2TX****EBW****5240MHz**

**802.11a\_(6Mbps)\_2TX****EBW****5260MHz****802.11a\_(6Mbps)\_2TX****EBW****5300MHz****802.11a\_(6Mbps)\_2TX****EBW****5320MHz**

**802.11a\_(6Mbps)\_2TX****EBW****5500MHz****802.11a\_(6Mbps)\_2TX****EBW****5580MHz****802.11a\_(6Mbps)\_2TX****EBW****5700MHz**

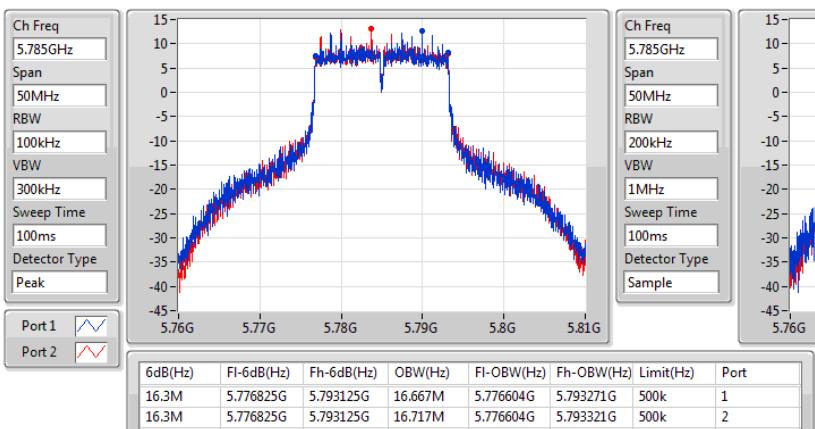
**802.11a\_(6Mbps)\_2TX****EBW****5720MHz Straddle 5.47-5.725GHz****802.11a\_(6Mbps)\_2TX****EBW****5720MHz Straddle 5.725-5.85GHz****802.11a\_(6Mbps)\_2TX****EBW****5745MHz**



## 802.11a\_(6Mbps)\_2TX

EBW

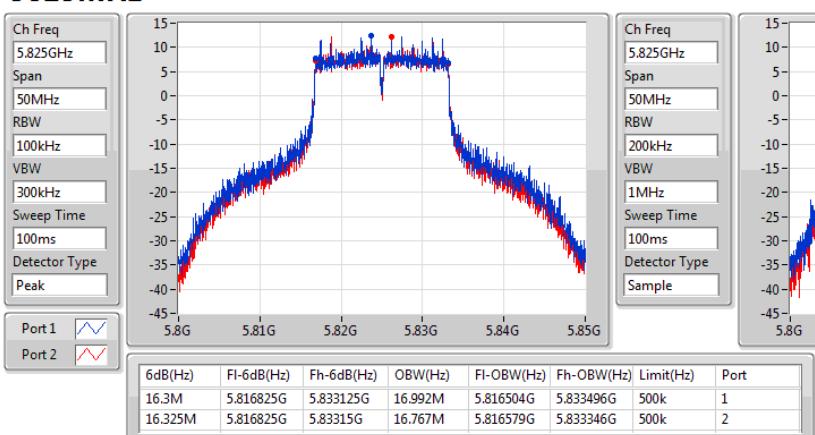
5785MHz



## 802.11a\_(6Mbps)\_2TX

EBW

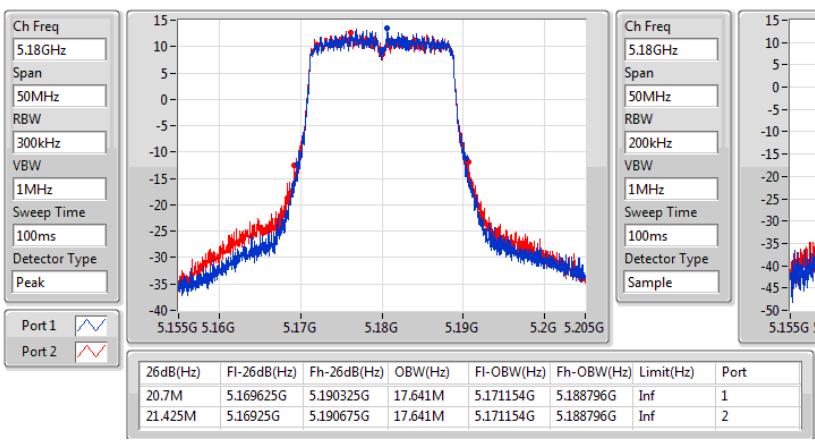
5825MHz



## 802.11ac VHT20\_Nss1,(MCS0)\_2TX

EBW

5180MHz

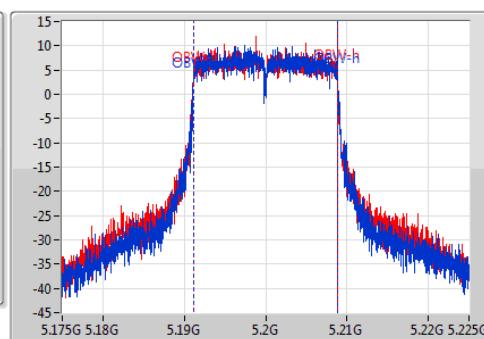
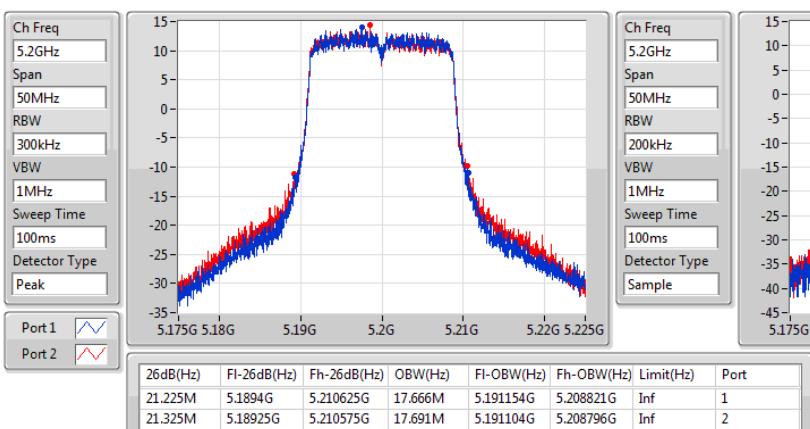




## 802.11ac VHT20\_Nss1,(MCS0)\_2TX

EBW

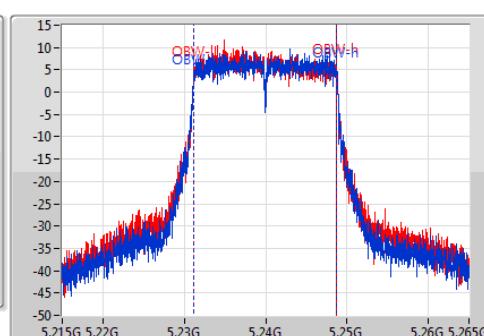
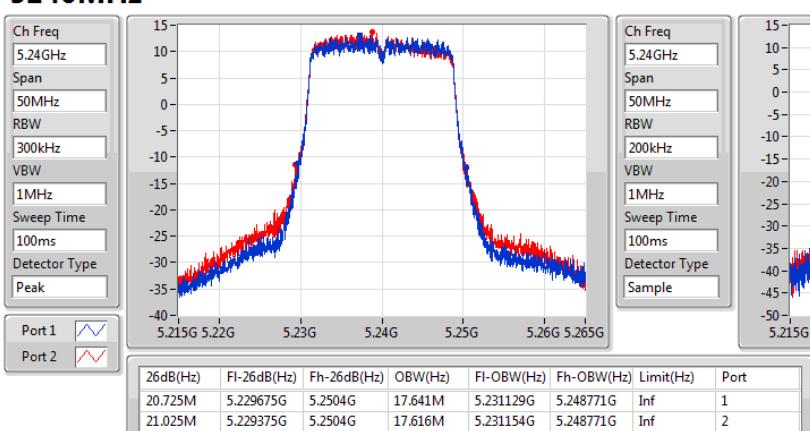
5200MHz



## 802.11ac VHT20\_Nss1,(MCS0)\_2TX

EBW

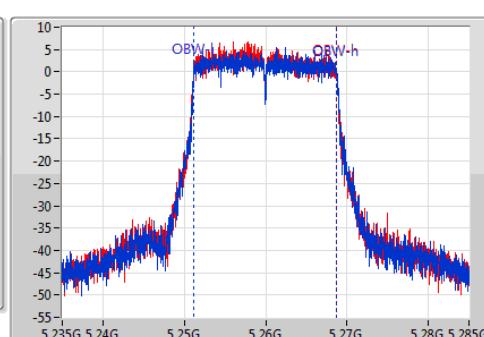
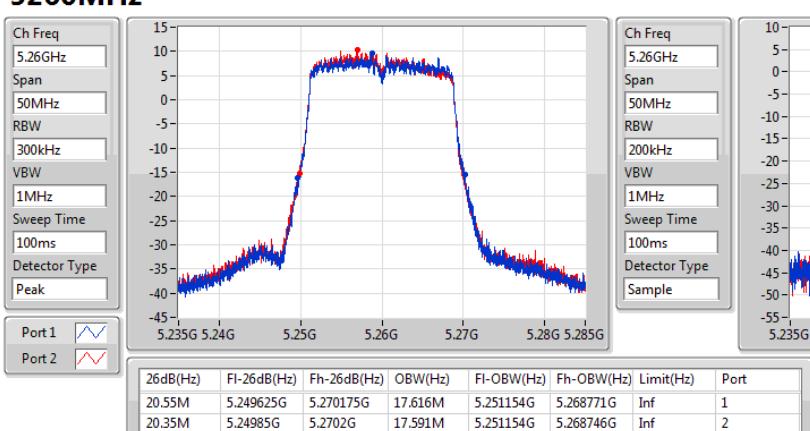
5240MHz



## 802.11ac VHT20\_Nss1,(MCS0)\_2TX

EBW

5260MHz

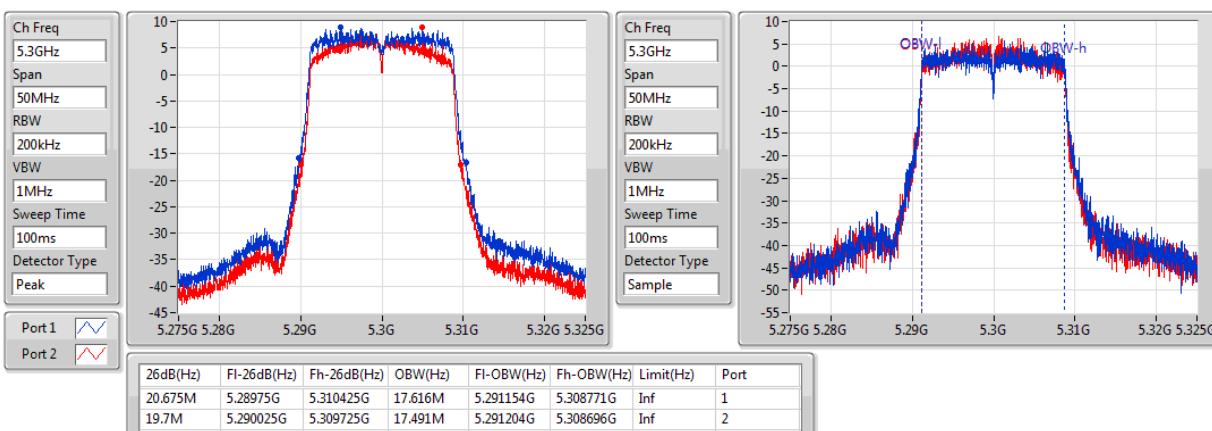




## 802.11ac VHT20\_Nss1,(MCS0)\_2TX

EBW

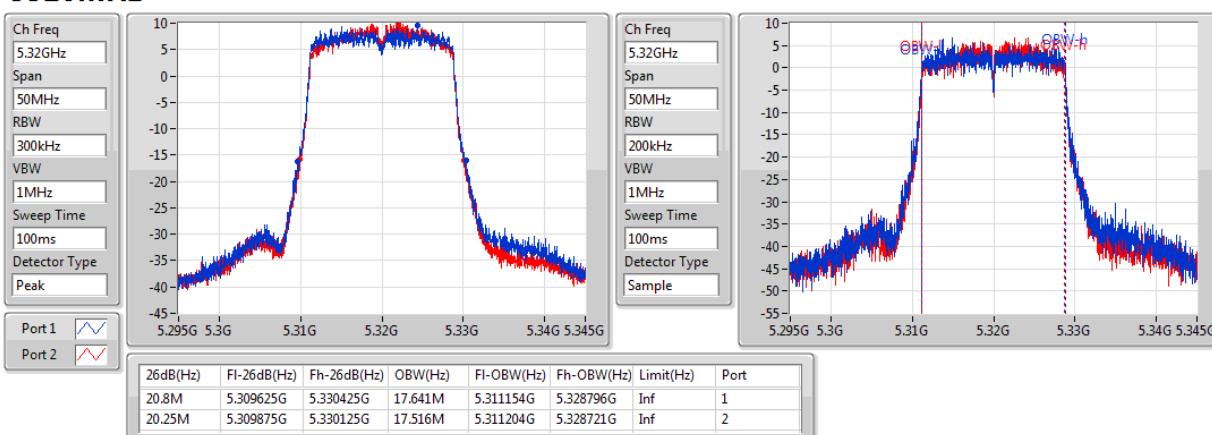
5300MHz



## 802.11ac VHT20\_Nss1,(MCS0)\_2TX

EBW

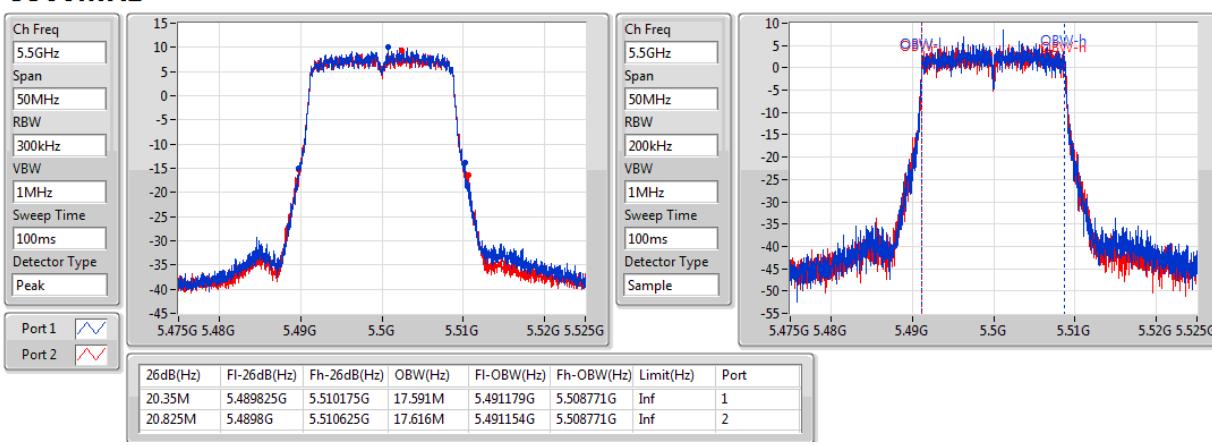
5320MHz



## 802.11ac VHT20\_Nss1,(MCS0)\_2TX

EBW

5500MHz

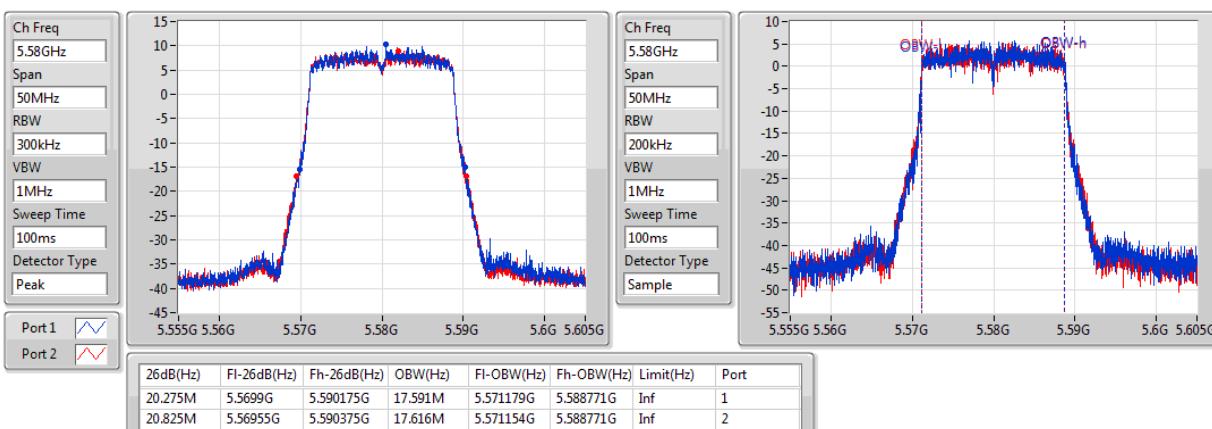




## 802.11ac VHT20\_Nss1,(MCS0)\_2TX

EBW

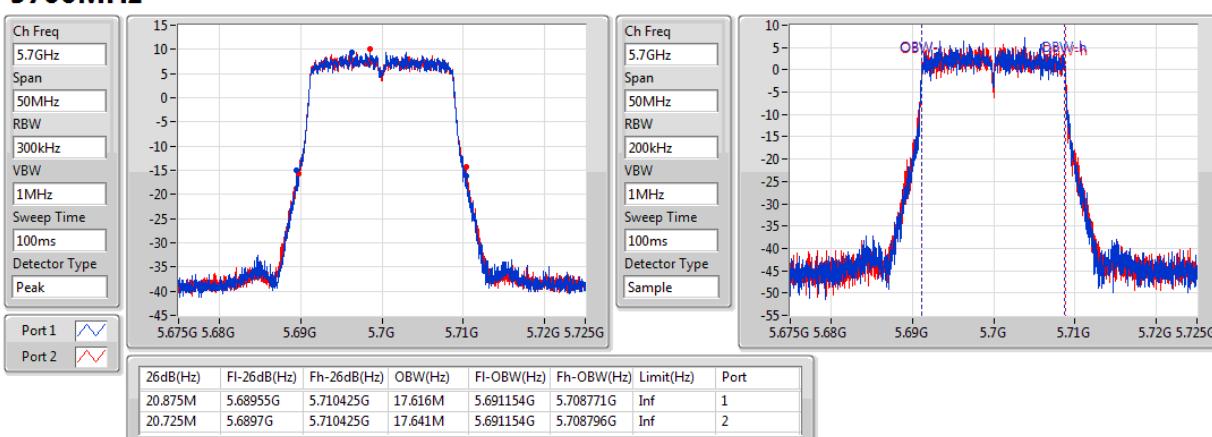
5580MHz



## 802.11ac VHT20\_Nss1,(MCS0)\_2TX

EBW

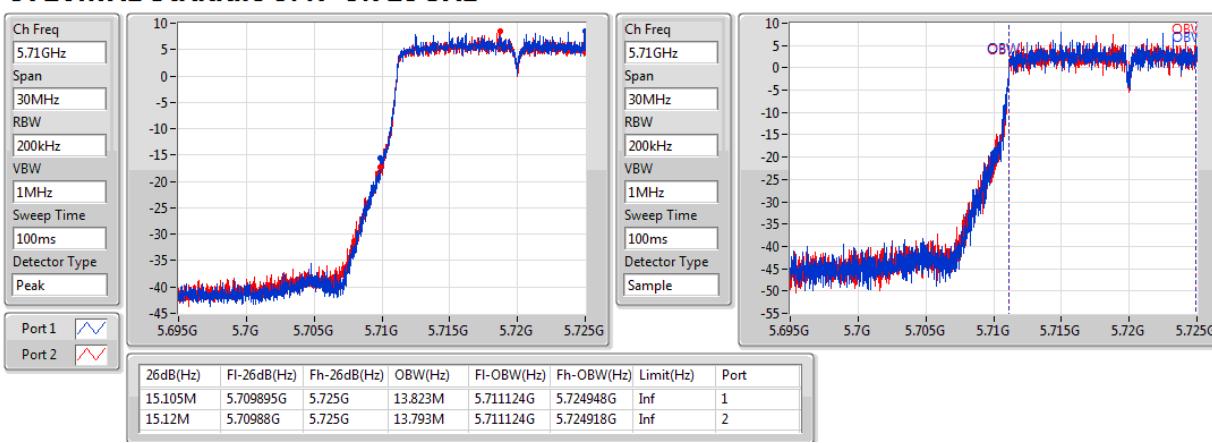
5700MHz



## 802.11ac VHT20\_Nss1,(MCS0)\_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

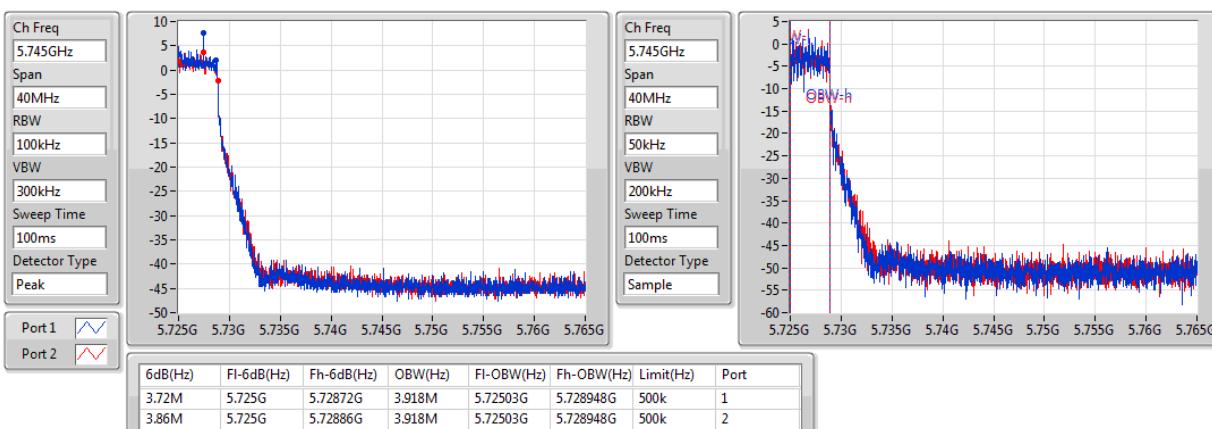




## 802.11ac VHT20\_Nss1,(MCS0)\_2TX

EBW

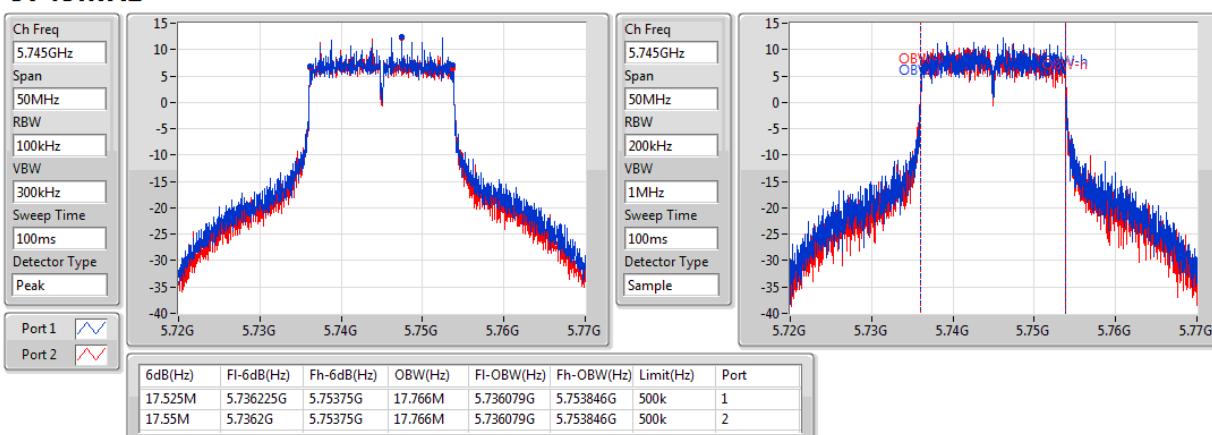
## 5720MHz Straddle 5.725-5.85GHz



## 802.11ac VHT20\_Nss1,(MCS0)\_2TX

EBW

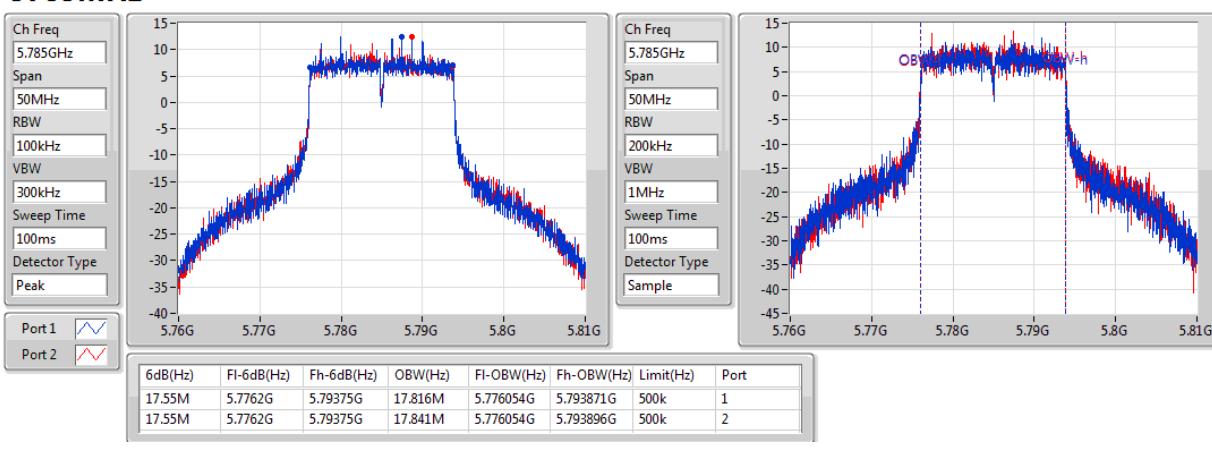
## 5745MHz



## 802.11ac VHT20\_Nss1,(MCS0)\_2TX

EBW

## 5785MHz

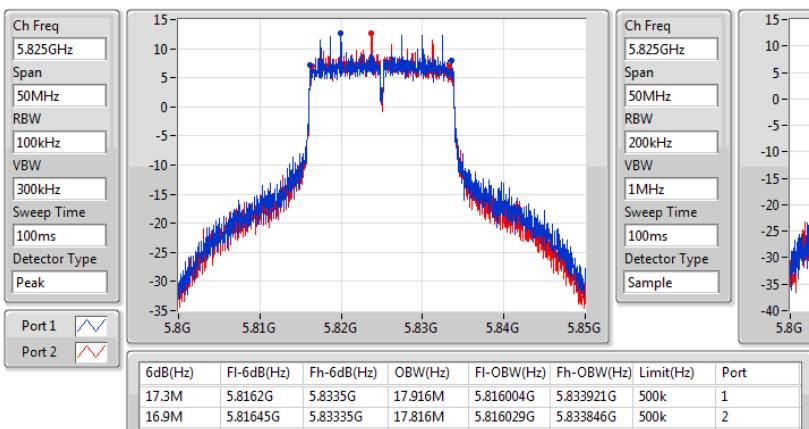




## 802.11ac VHT20\_Nss1,(MCS0)\_2TX

EBW

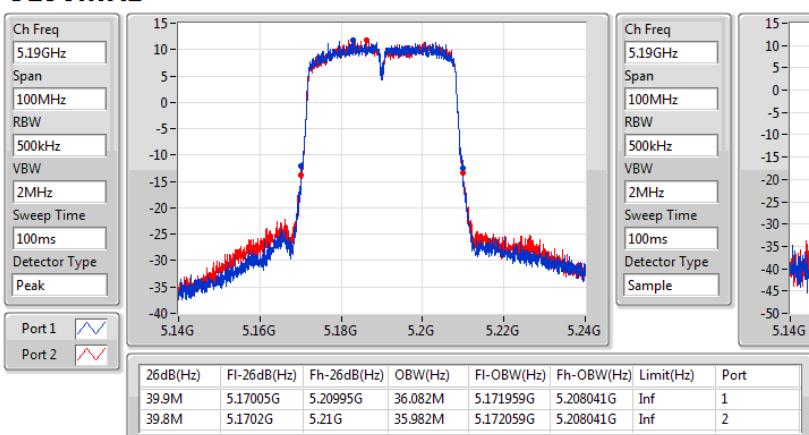
5825MHz



## 802.11ac VHT40\_Nss1,(MCS0)\_2TX

EBW

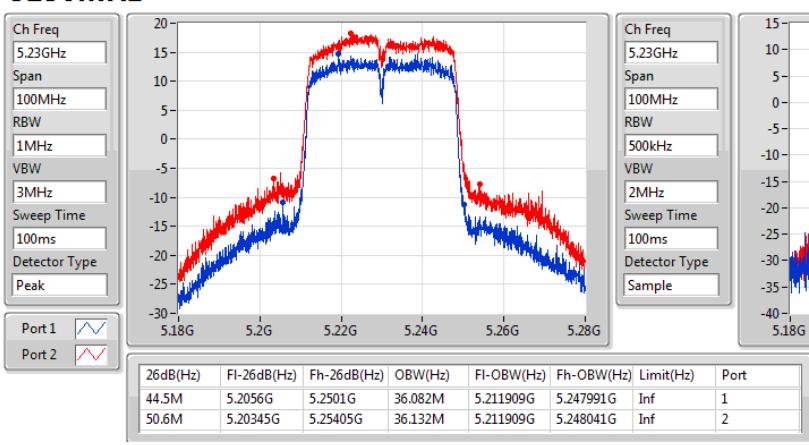
5190MHz



## 802.11ac VHT40\_Nss1,(MCS0)\_2TX

EBW

5230MHz

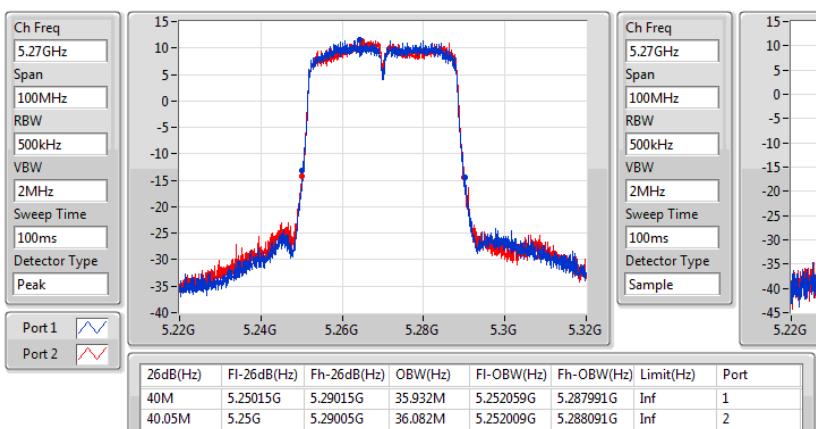




## 802.11ac VHT40\_Nss1,(MCS0)\_2TX

EBW

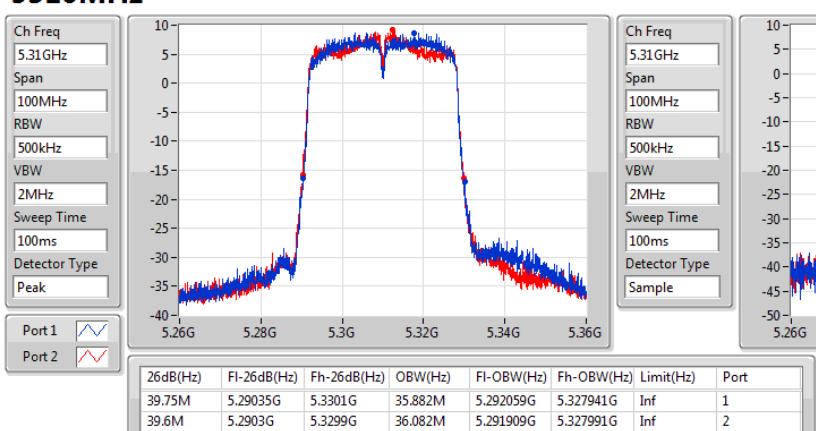
5270MHz



## 802.11ac VHT40\_Nss1,(MCS0)\_2TX

EBW

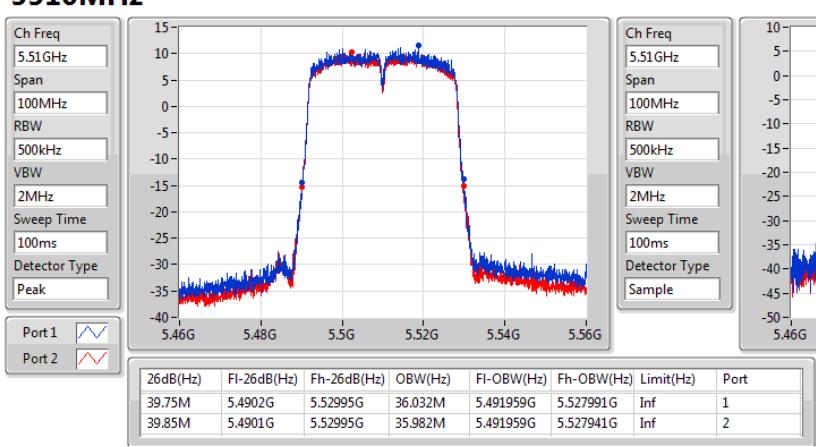
5310MHz



## 802.11ac VHT40\_Nss1,(MCS0)\_2TX

EBW

5510MHz

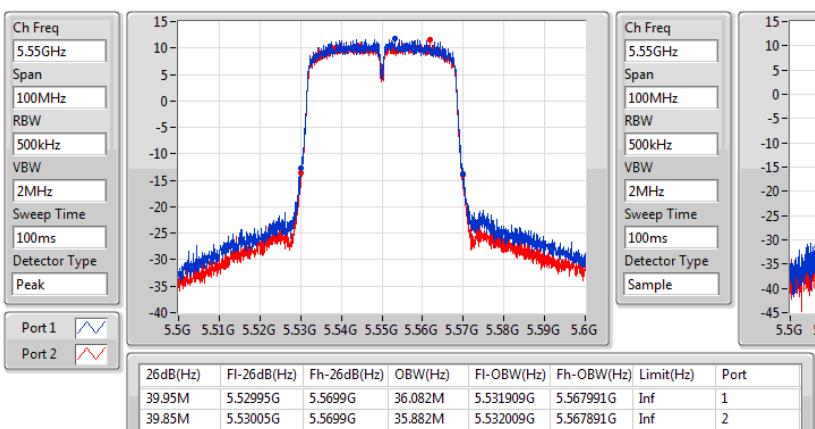




## 802.11ac VHT40\_Nss1,(MCS0)\_2TX

EBW

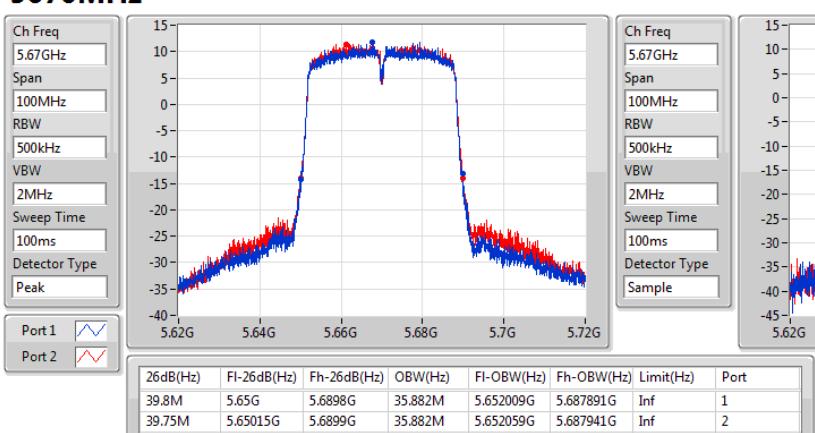
5550MHz



## 802.11ac VHT40\_Nss1,(MCS0)\_2TX

EBW

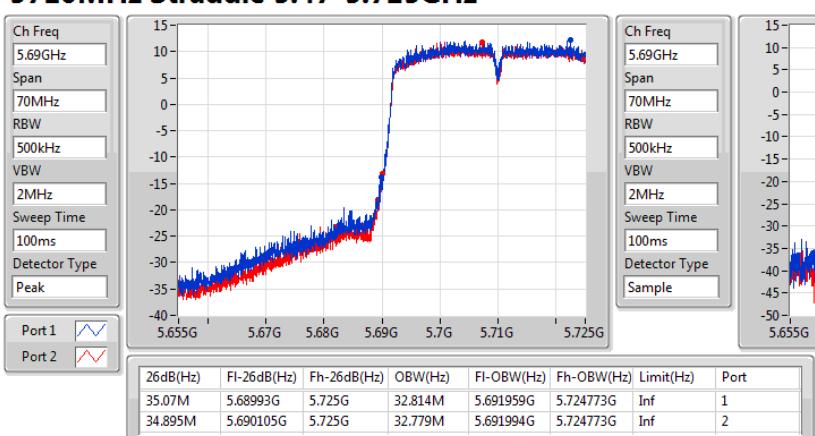
5670MHz



## 802.11ac VHT40\_Nss1,(MCS0)\_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

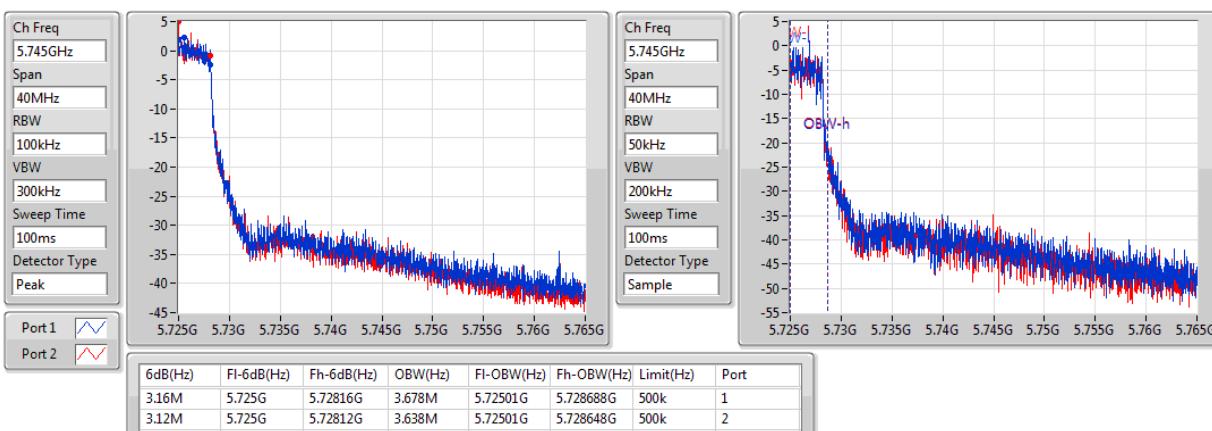




## 802.11ac VHT40\_Nss1,(MCS0)\_2TX

EBW

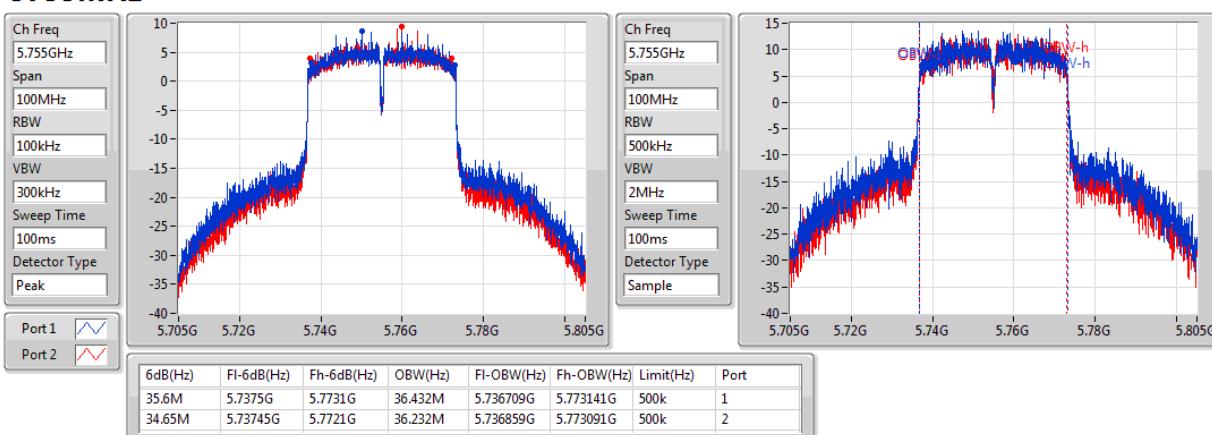
## 5710MHz Straddle 5.725-5.85GHz



## 802.11ac VHT40\_Nss1,(MCS0)\_2TX

EBW

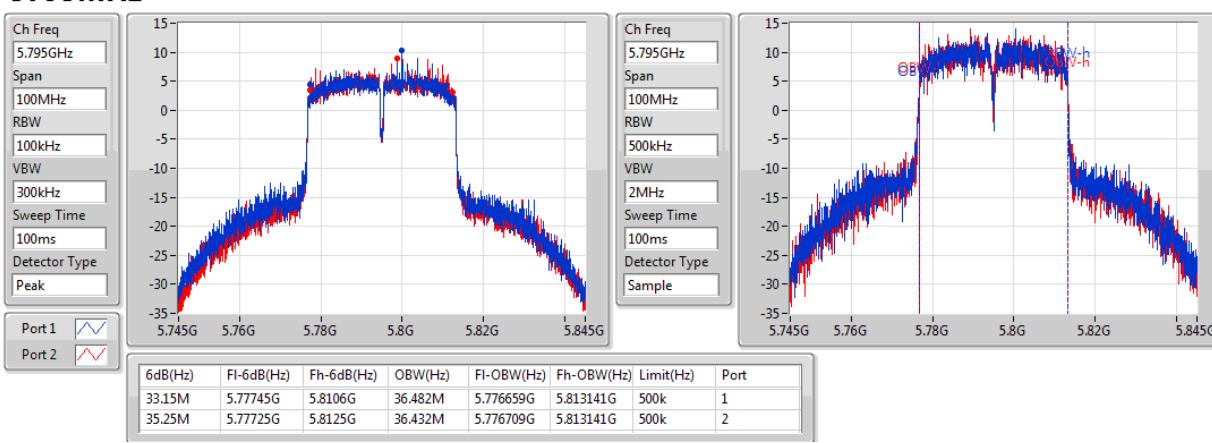
## 5755MHz



## 802.11ac VHT40\_Nss1,(MCS0)\_2TX

EBW

## 5795MHz

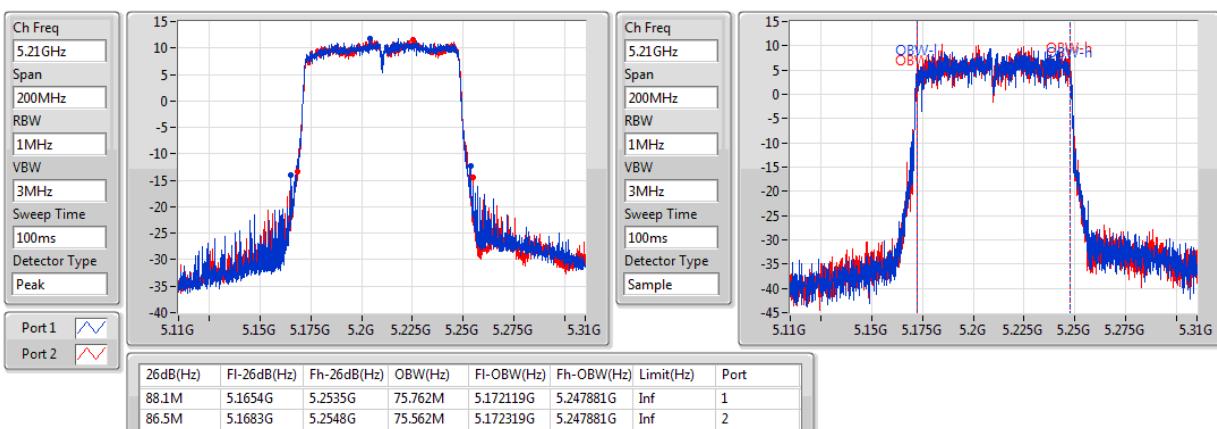




## 802.11ac VHT80\_Nss1,(MCS0)\_2TX

EBW

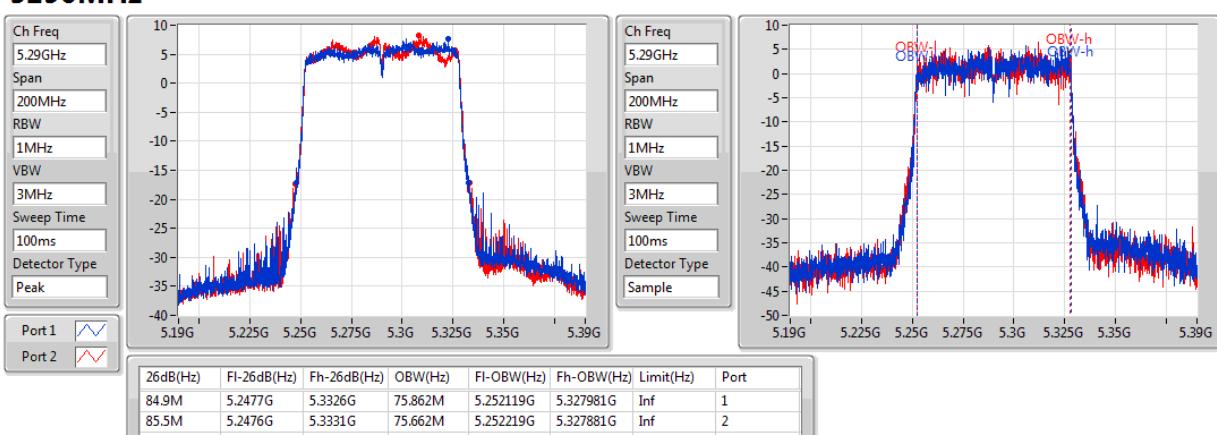
5210MHz



## 802.11ac VHT80\_Nss1,(MCS0)\_2TX

EBW

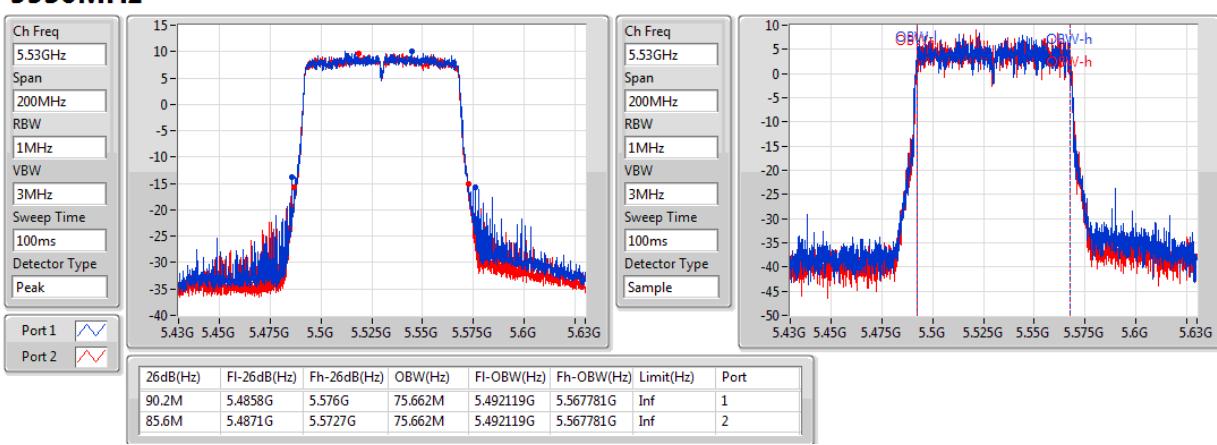
5290MHz



## 802.11ac VHT80\_Nss1,(MCS0)\_2TX

EBW

5530MHz





## 802.11ac VHT80\_Nss1,(MCS0)\_2TX

EBW

5610MHz

Ch Freq

5.61GHz

Span

200MHz

RBW

1MHz

VBW

3MHz

Sweep Time

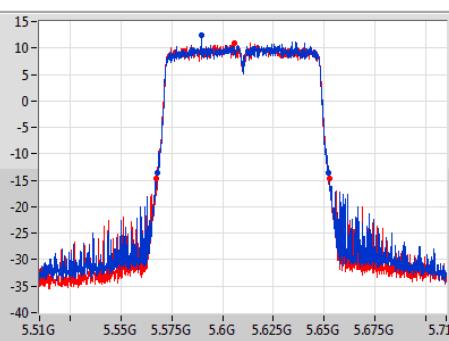
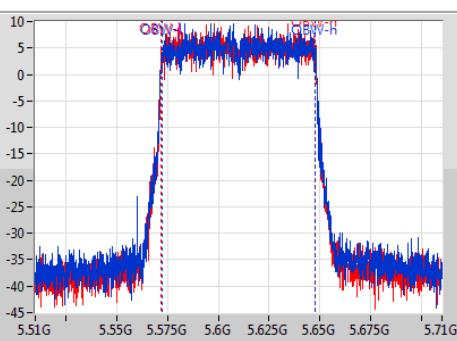
100ms

Detector Type

Peak

Port 1

Port 2

Ch Freq  
5.61GHz  
Span  
200MHz  
RBW  
1MHz  
VBW  
3MHz  
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
83.7M	5.5682G	5.6519G	75.762M	5.572119G	5.647881G	Inf	1
85.1M	5.5674G	5.6525G	75.862M	5.572019G	5.647881G	Inf	2

## 802.11ac VHT80\_Nss1,(MCS0)\_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

Ch Freq

5.65GHz

Span

150MHz

RBW

1MHz

VBW

3MHz

Sweep Time

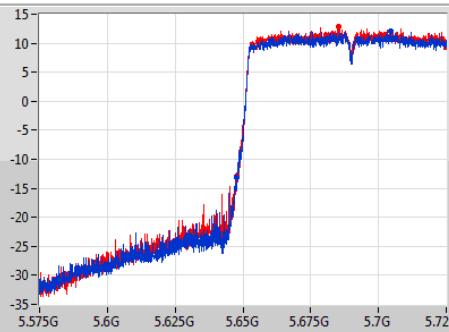
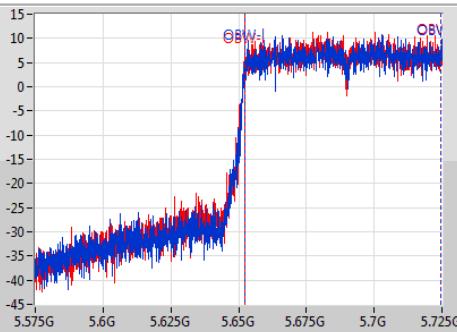
100ms

Detector Type

Peak

Port 1

Port 2

Ch Freq  
5.65GHz  
Span  
150MHz  
RBW  
1MHz  
VBW  
3MHz  
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
77.25M	5.64775G	5.725G	72.564M	5.652099G	5.724663G	Inf	1
77.4M	5.6476G	5.725G	72.489M	5.652099G	5.724588G	Inf	2

## 802.11ac VHT80\_Nss1,(MCS0)\_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

Ch Freq

5.745GHz

Span

40MHz

RBW

100kHz

VBW

300kHz

Sweep Time

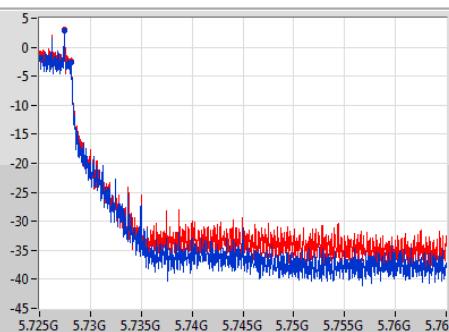
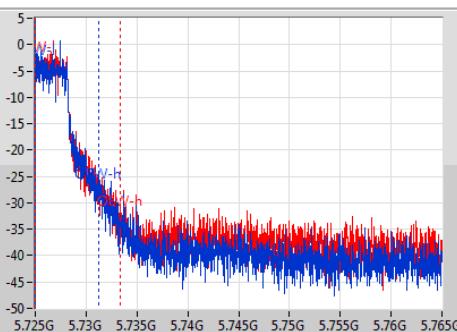
100ms

Detector Type

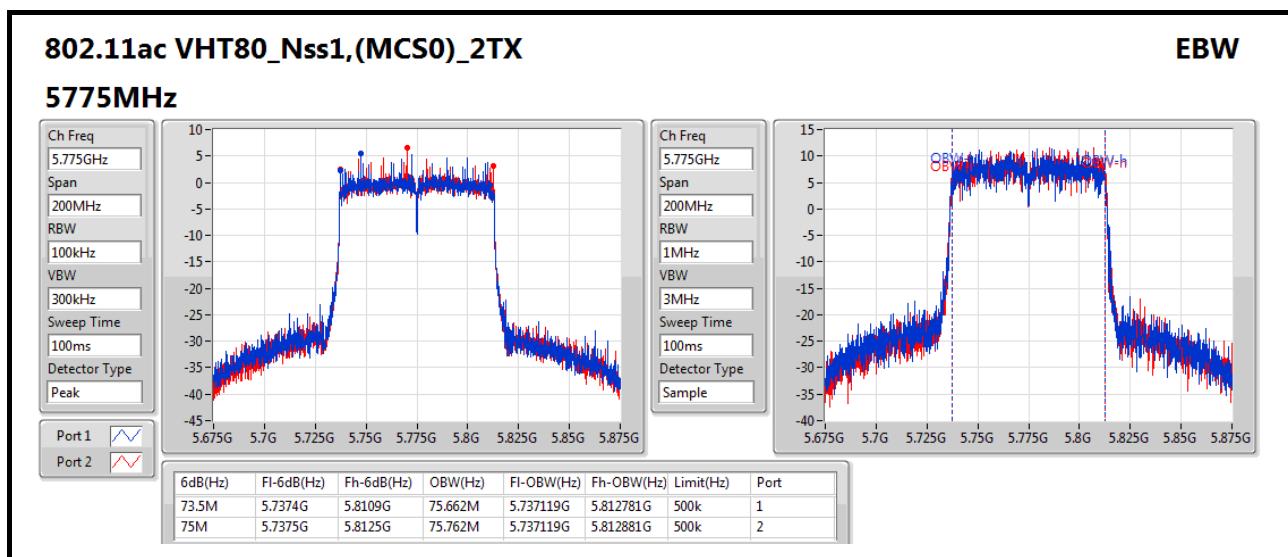
Peak

Port 1

Port 2

Ch Freq  
5.745GHz  
Span  
40MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Sample

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.12M	5.725G	5.72812G	6.177M	5.72503G	5.731207G	500k	1
3.12M	5.725G	5.72812G	8.396M	5.72501G	5.733406G	500k	2





## &lt;For Beamforming Mode&gt;

## Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	21M	17.666M	17M7D1D	19.9M	17.591M
5.25-5.35GHz	20.7M	17.666M	17M7D1D	19.825M	17.491M
5.47-5.725GHz	20.75M	17.666M	17M7D1D	15.24M	13.778M
5.725-5.85GHz	17.525M	17.641M	17M6D1D	3.76M	4.018M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	39.75M	36.032M	36M0D1D	39.55M	35.932M
5.25-5.35GHz	39.95M	36.182M	36M2D1D	39.6M	35.832M
5.47-5.725GHz	39.85M	36.032M	36M0D1D	34.615M	32.849M
5.725-5.85GHz	34.95M	35.982M	36M0D1D	3.1M	3.418M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	87.1M	75.862M	75M9D1D	85.7M	75.662M
5.25-5.35GHz	86.6M	75.862M	75M9D1D	85.4M	75.762M
5.47-5.725GHz	88.7M	75.962M	76M0D1D	77.625M	72.414M
5.725-5.85GHz	75.1M	75.862M	75M9D1D	3.12M	5.457M

**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	-	-	-	-	-	-
5180MHz	Pass	Inf	20.375M	17.591M	21M	17.666M
5200MHz	Pass	Inf	20.525M	17.616M	20.7M	17.616M
5240MHz	Pass	Inf	20.55M	17.616M	19.9M	17.591M
5260MHz	Pass	Inf	20.25M	17.666M	20.375M	17.591M
5300MHz	Pass	Inf	20.7M	17.616M	19.825M	17.491M
5320MHz	Pass	Inf	20.6M	17.641M	19.875M	17.541M
5500MHz	Pass	Inf	20.725M	17.616M	20.65M	17.616M
5580MHz	Pass	Inf	20.375M	17.591M	20.75M	17.616M
5700MHz	Pass	Inf	20.525M	17.616M	20.725M	17.666M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.24M	13.823M	15.375M	13.778M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.76M	4.038M	3.76M	4.018M
5745MHz	Pass	500k	17.275M	17.616M	17.5M	17.616M
5785MHz	Pass	500k	17.125M	17.641M	17.5M	17.616M
5825MHz	Pass	500k	17.525M	17.591M	17.525M	17.641M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.55M	36.032M	39.75M	35.932M
5230MHz	Pass	Inf	39.55M	35.932M	39.7M	35.932M
5270MHz	Pass	Inf	39.6M	35.832M	39.75M	36.082M
5310MHz	Pass	Inf	39.95M	35.932M	39.95M	36.182M
5510MHz	Pass	Inf	39.7M	35.932M	39.85M	35.982M
5550MHz	Pass	Inf	39.6M	35.932M	39.85M	35.882M
5670MHz	Pass	Inf	39.75M	36.032M	39.7M	35.932M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.615M	32.849M	35M	32.849M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	3.458M	3.14M	3.418M
5755MHz	Pass	500k	34.2M	35.882M	34.35M	35.932M
5795MHz	Pass	500k	34.95M	35.882M	31.95M	35.982M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	85.7M	75.862M	87.1M	75.662M
5290MHz	Pass	Inf	86.6M	75.862M	85.4M	75.762M
5530MHz	Pass	Inf	88.7M	75.962M	85M	75.662M
5610MHz	Pass	Inf	84.3M	75.762M	87.6M	75.862M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	77.625M	72.564M	77.625M	72.414M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	5.637M	3.14M	5.457M
5775MHz	Pass	500k	75.1M	75.662M	75.1M	75.862M

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

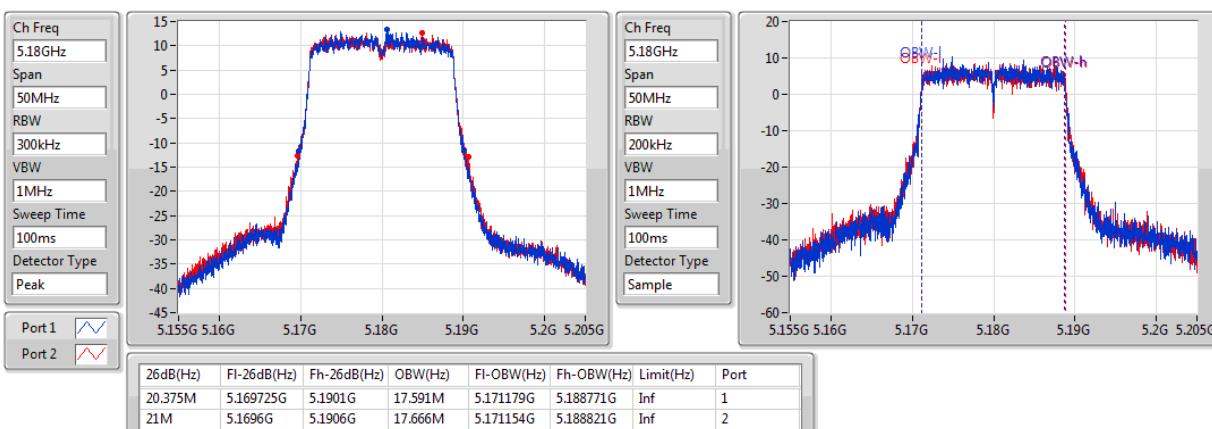
Port X-OBW = Port X 99% occupied bandwidth;



## 802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

EBW

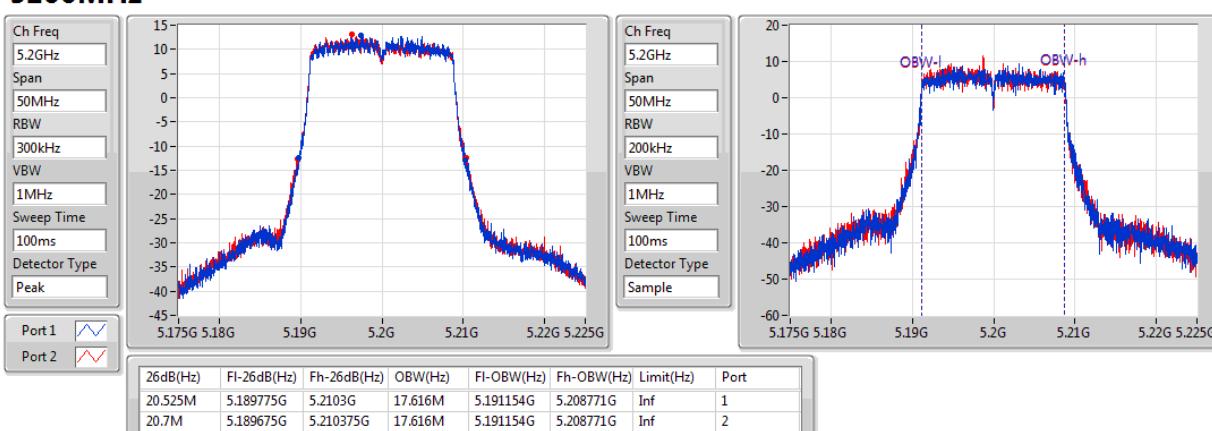
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## 802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

EBW

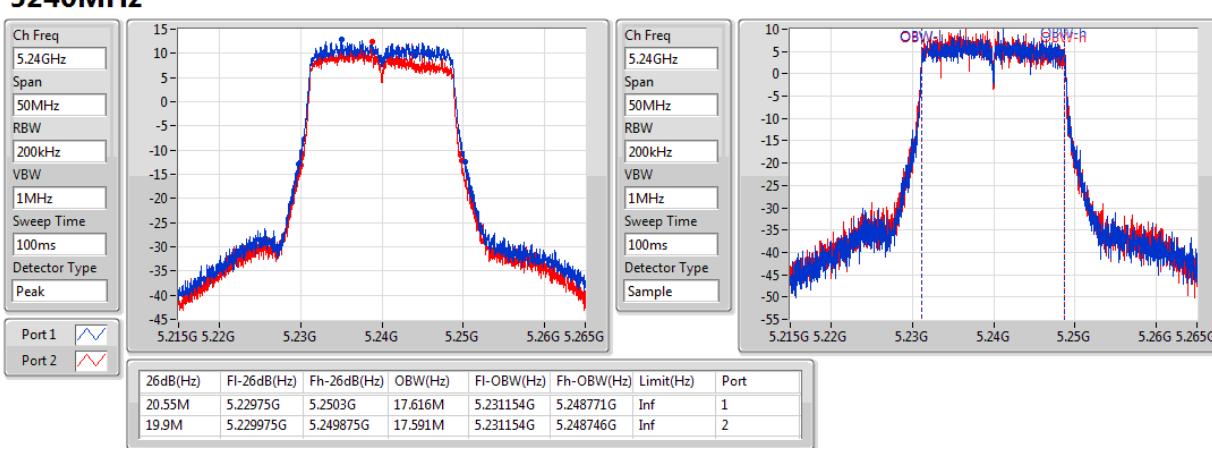
5200MHz



## 802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

EBW

5240MHz

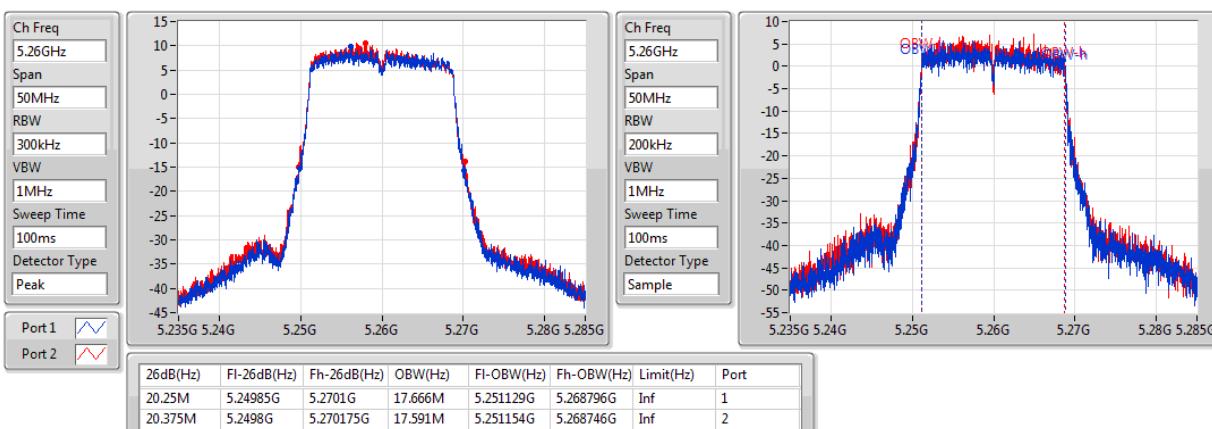




## 802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

EBW

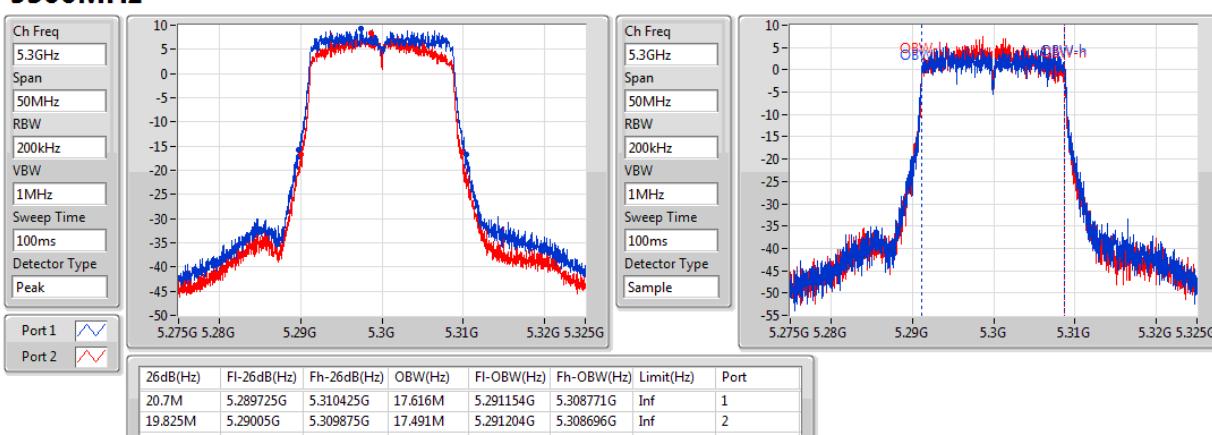
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## 802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

EBW

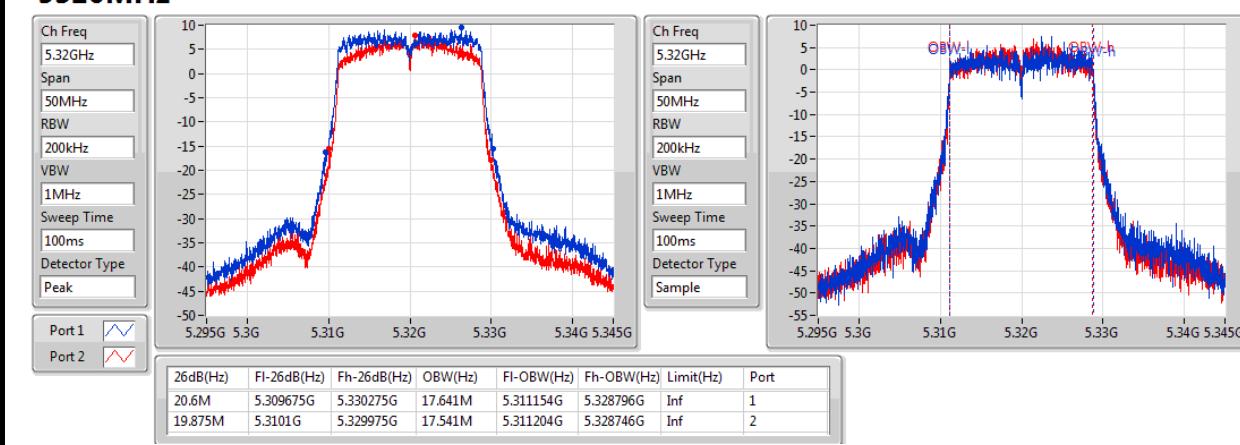
5300MHz



## 802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

EBW

5320MHz

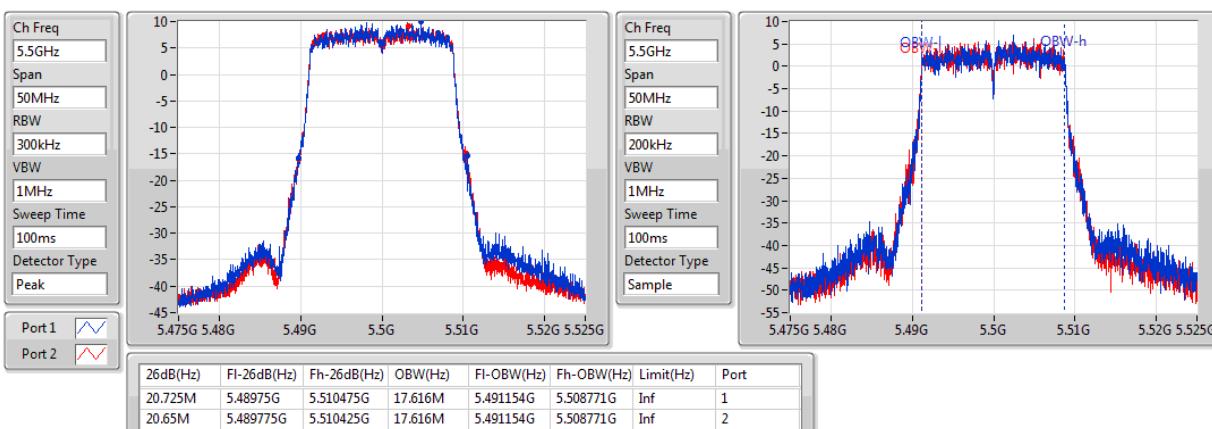




## 802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

EBW

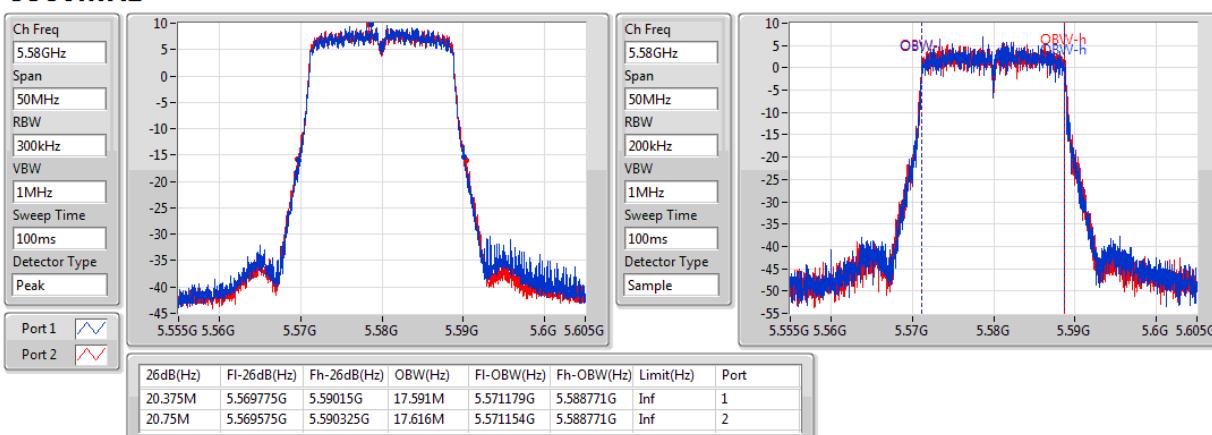
5500MHz



## 802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

EBW

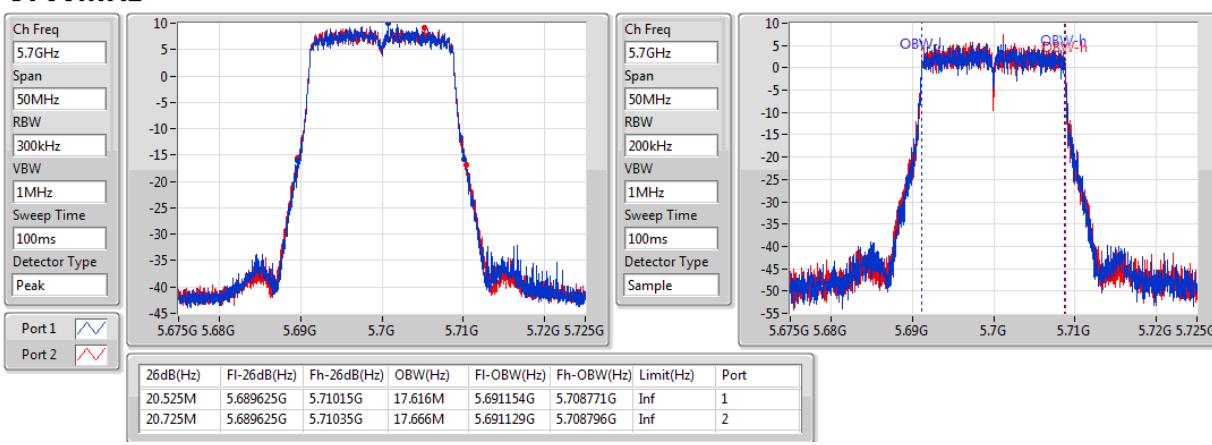
5580MHz

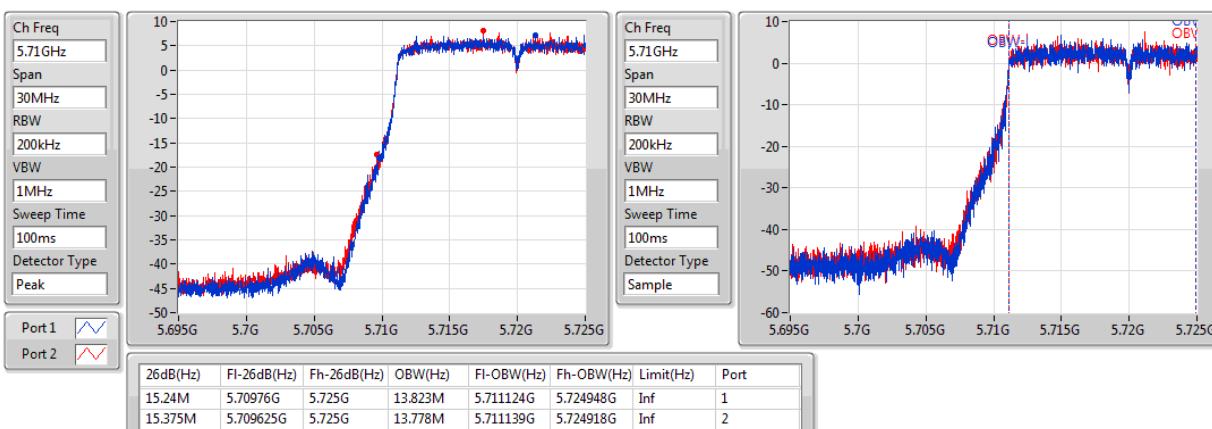
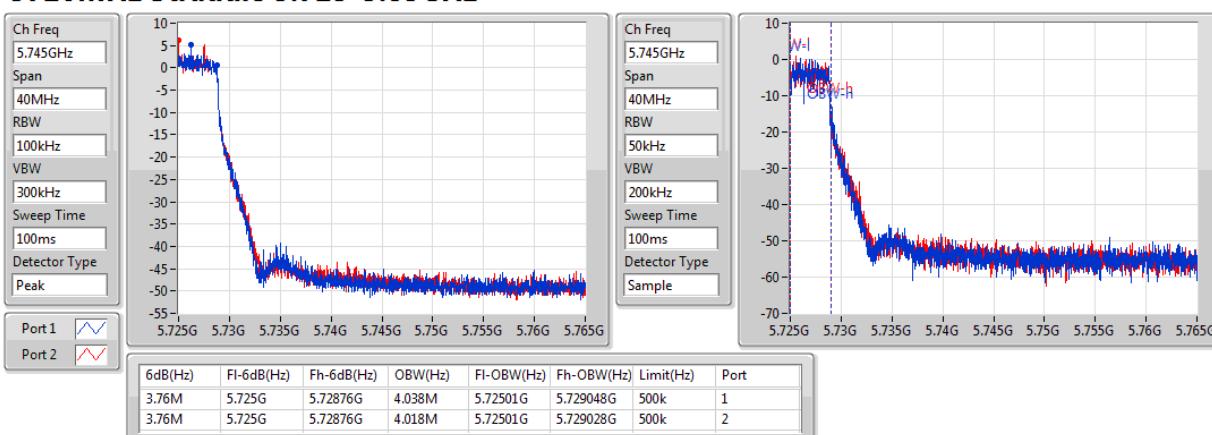
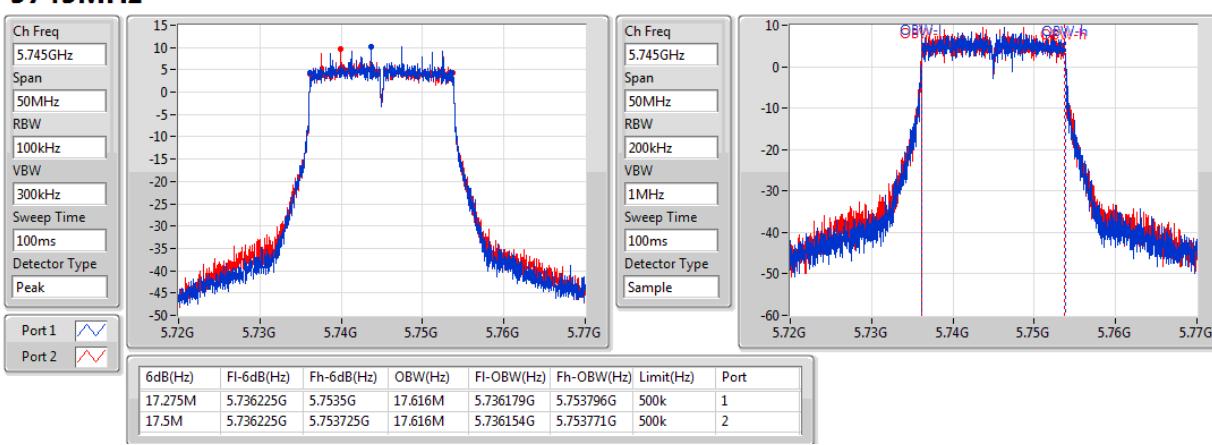


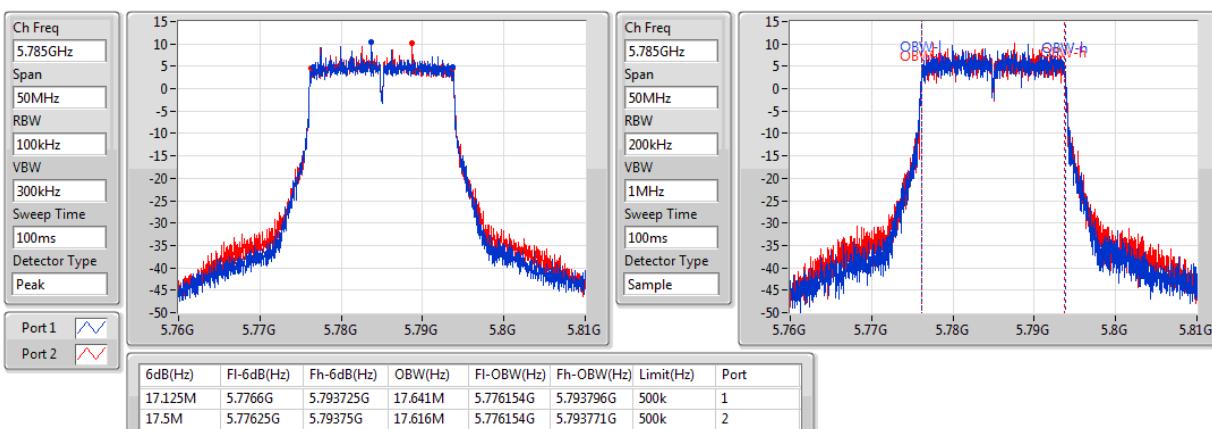
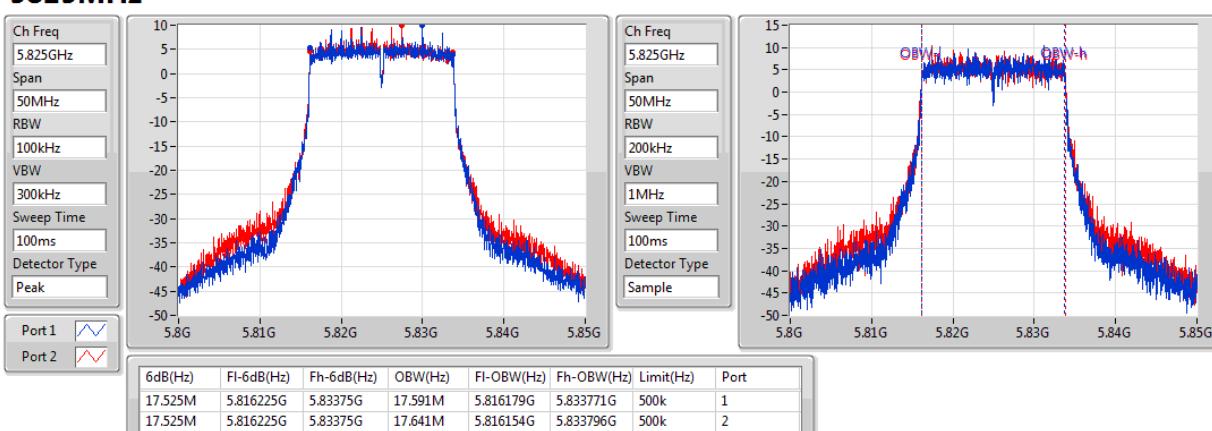
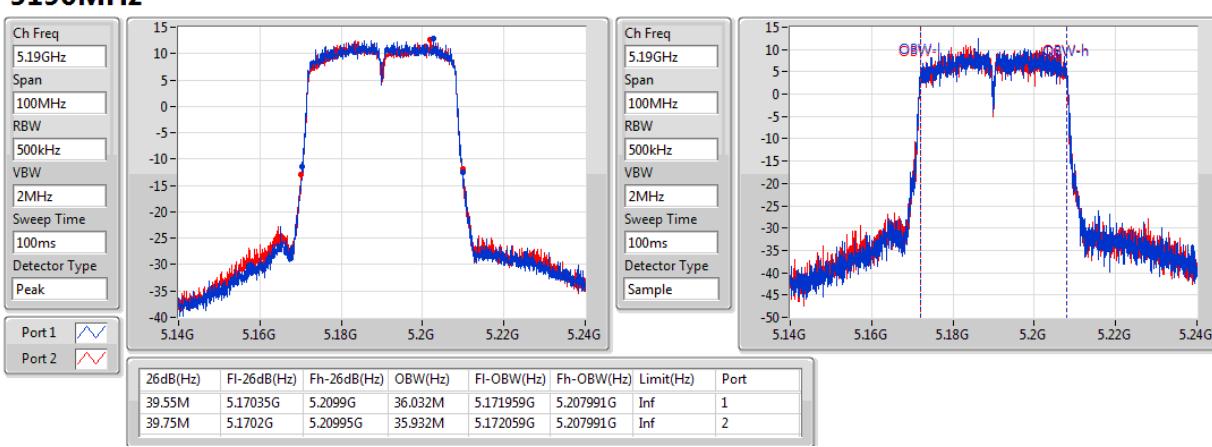
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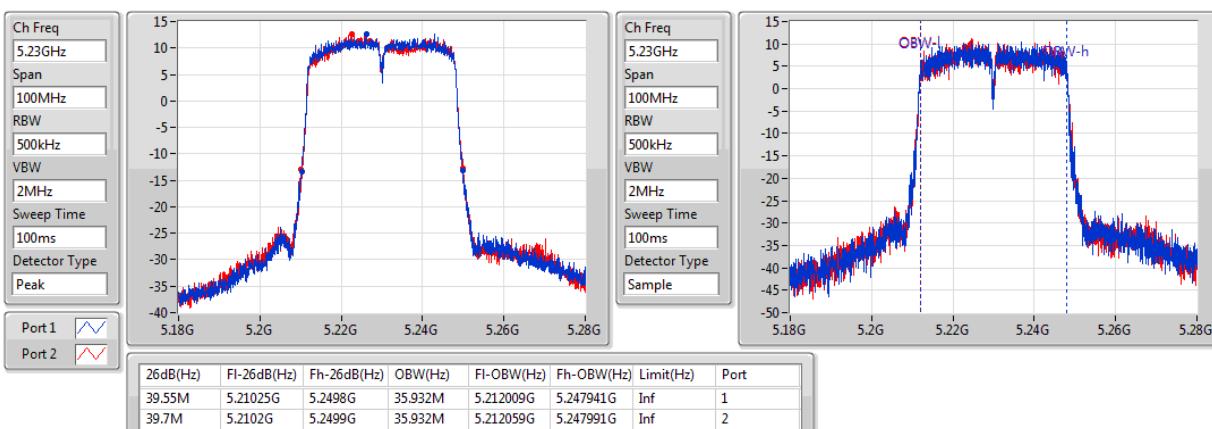
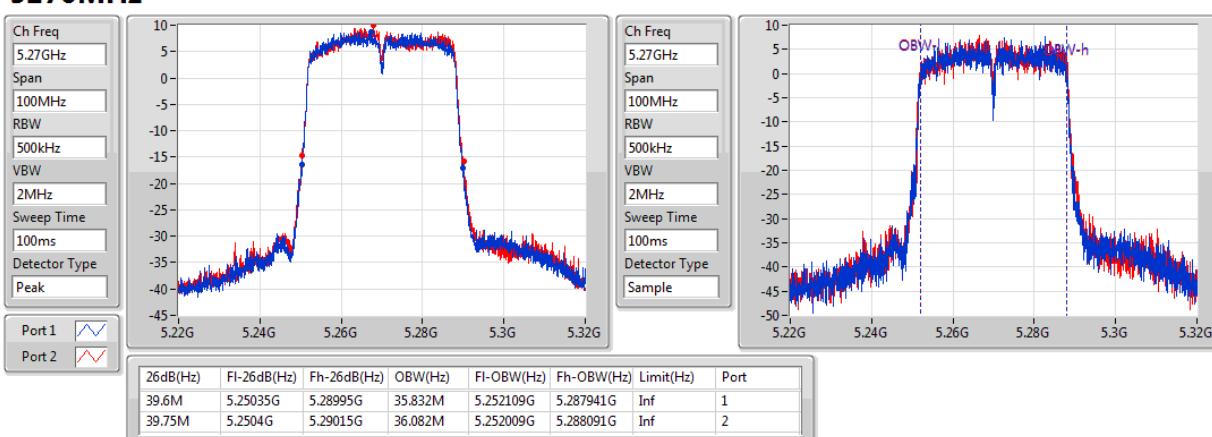
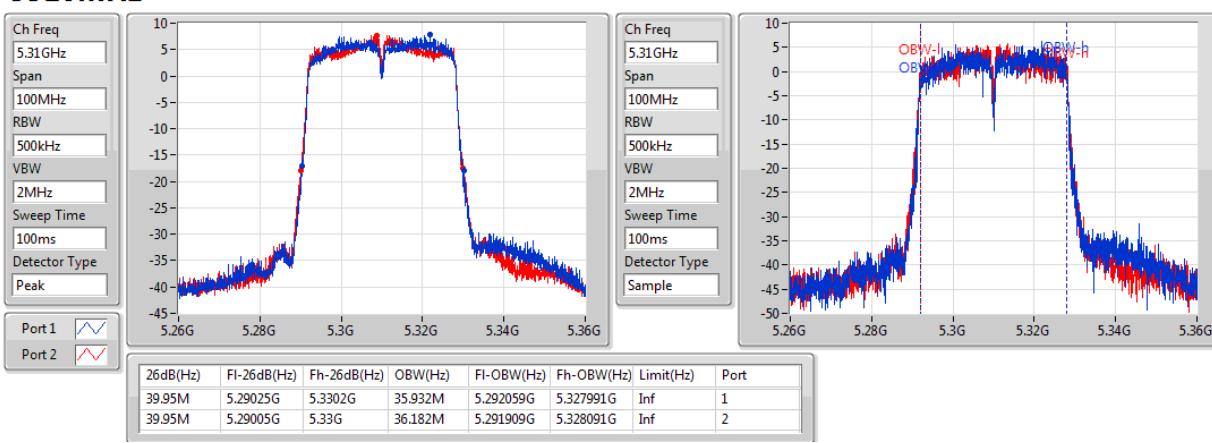
EBW

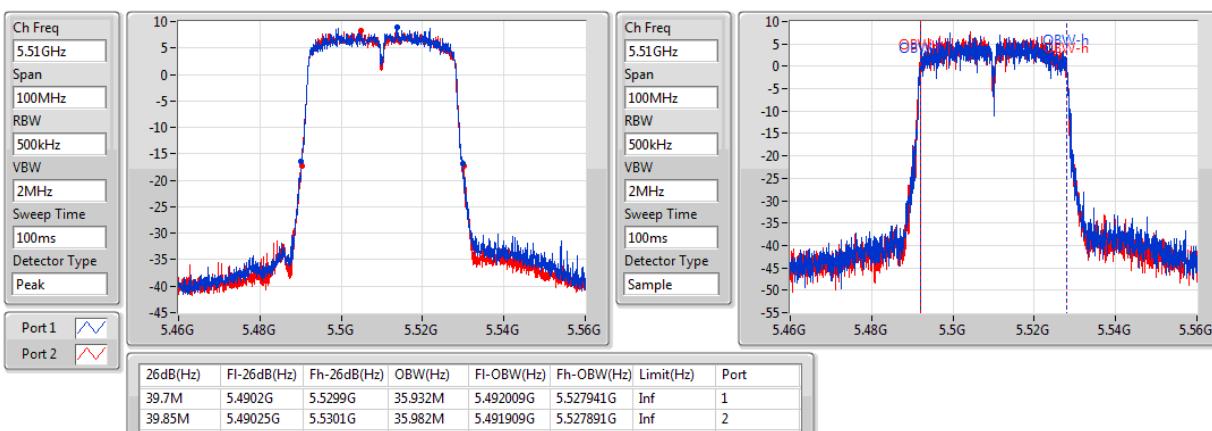
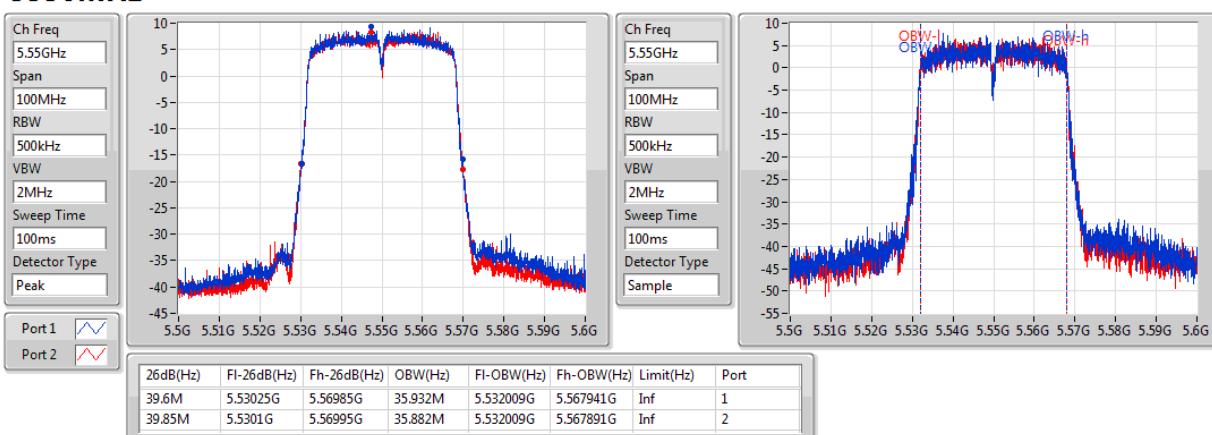
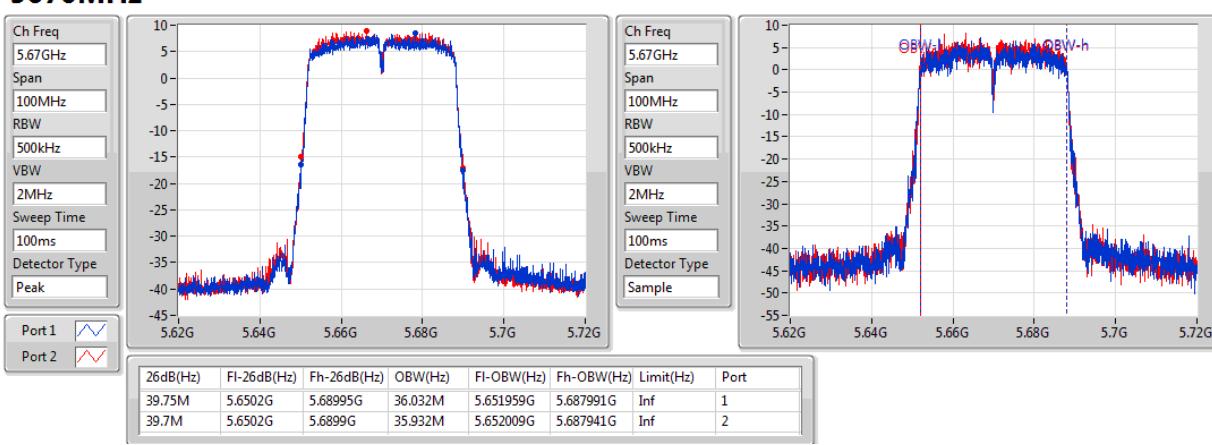
5700MHz

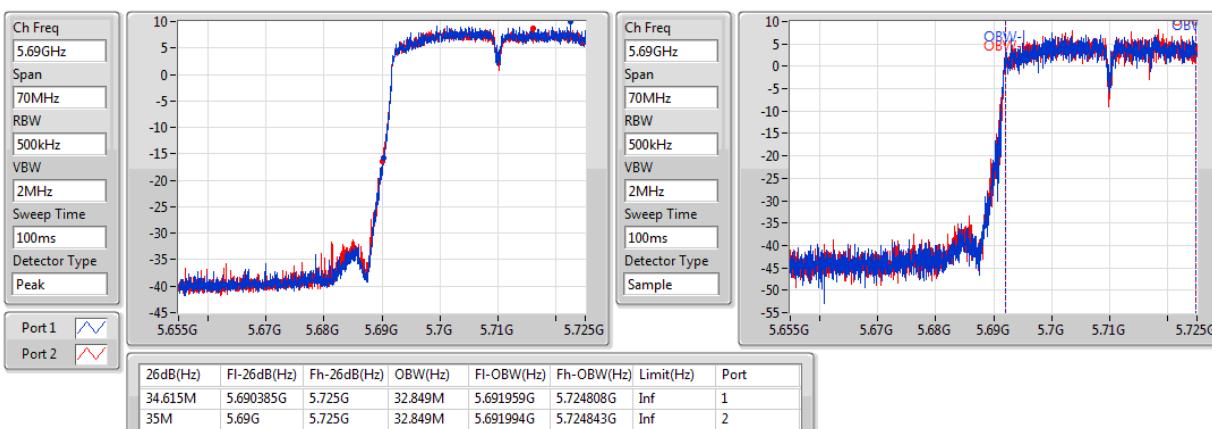
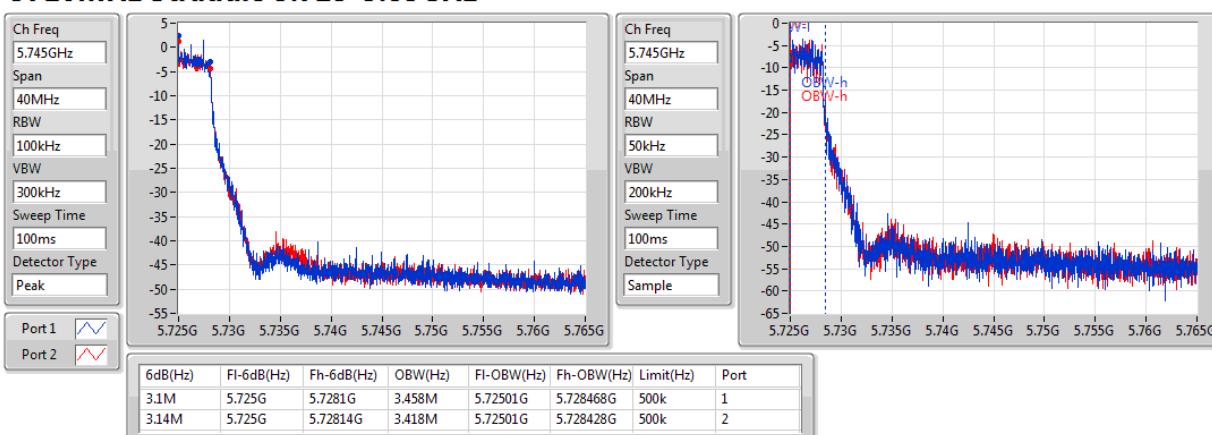
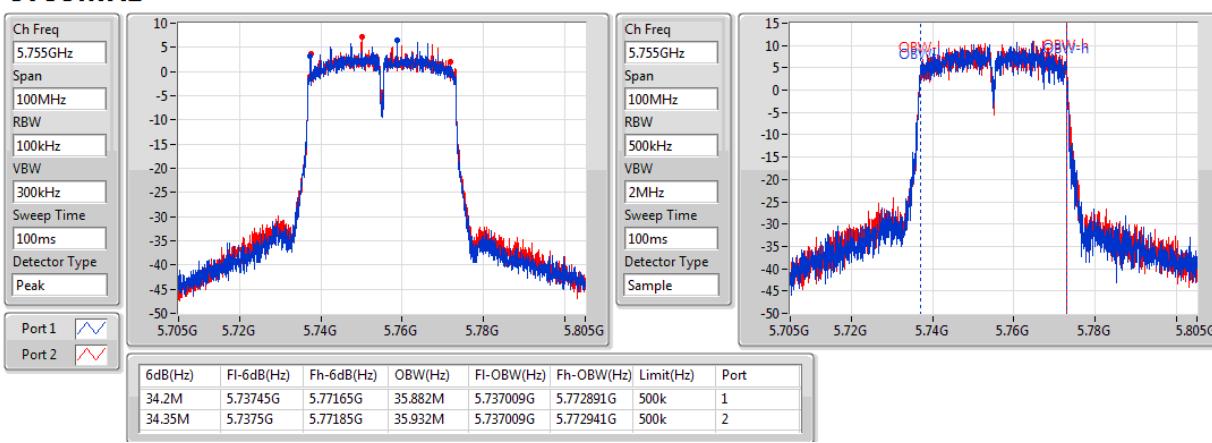


**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX****EBW****5720MHz Straddle 5.47-5.725GHz****802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX****EBW****5720MHz Straddle 5.725-5.85GHz****802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX****EBW****5745MHz**

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX****EBW****5785MHz****802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX****EBW****5825MHz****802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX****EBW****5190MHz**

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX****EBW****5230MHz****802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX****EBW****5270MHz****802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX****EBW****5310MHz**

**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX****EBW****5510MHz****802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX****EBW****5550MHz****802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX****EBW****5670MHz**

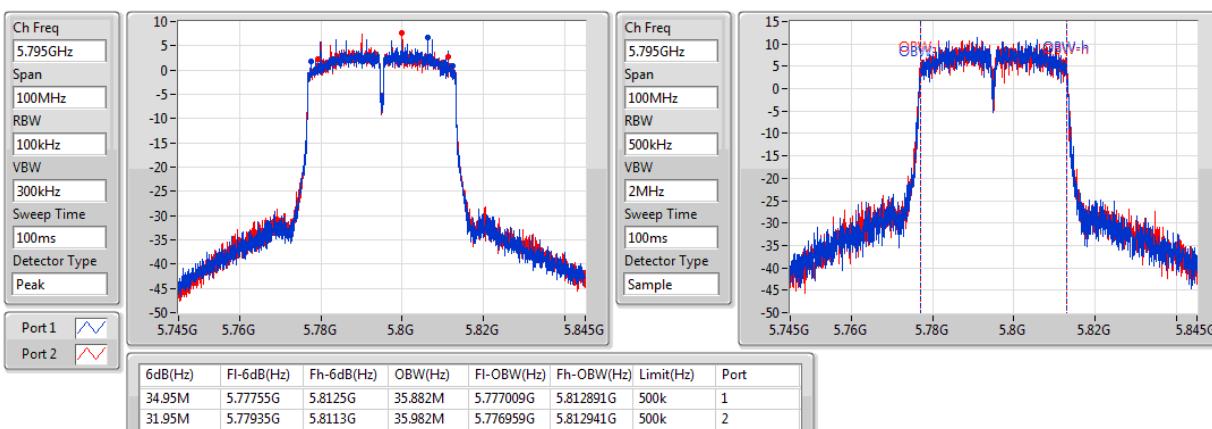
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## 802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

EBW

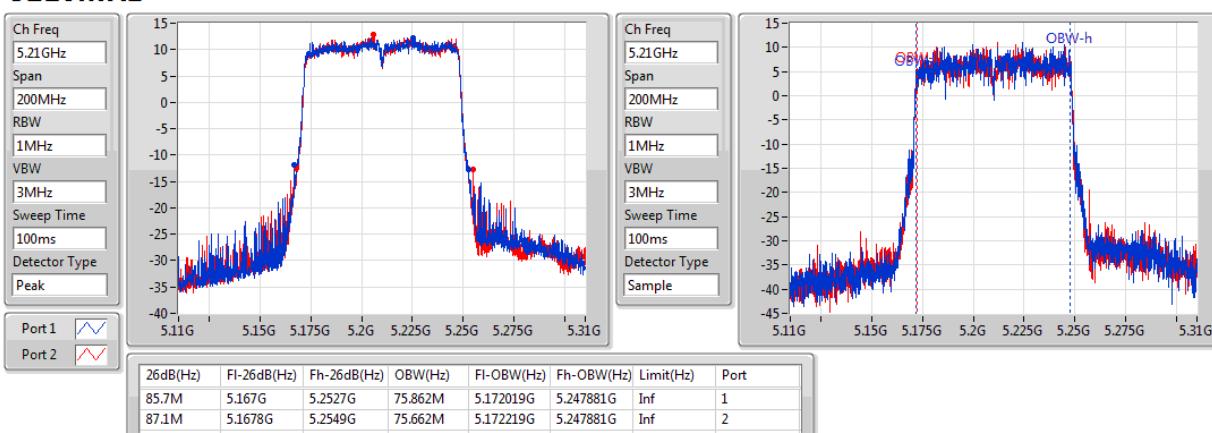
5795MHz



## 802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

EBW

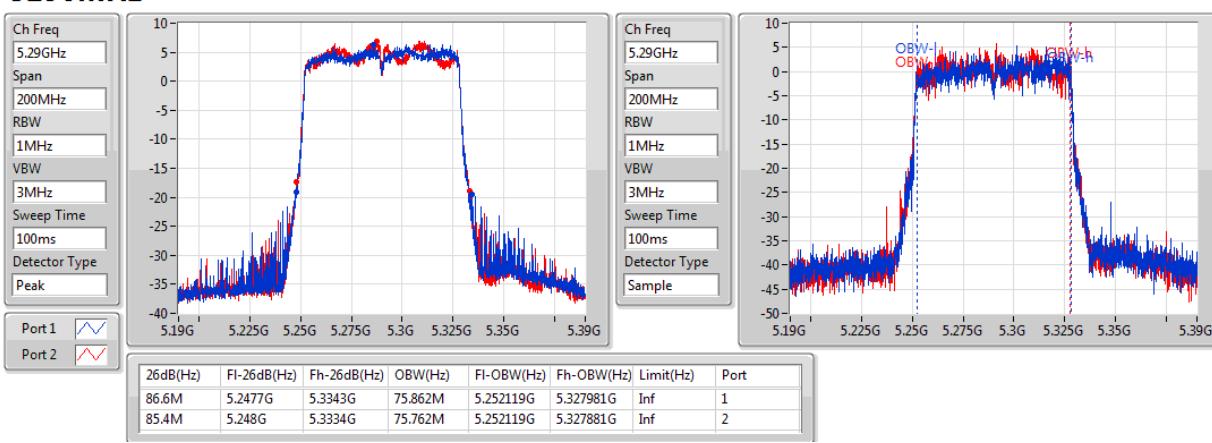
5210MHz



## 802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

EBW

5290MHz

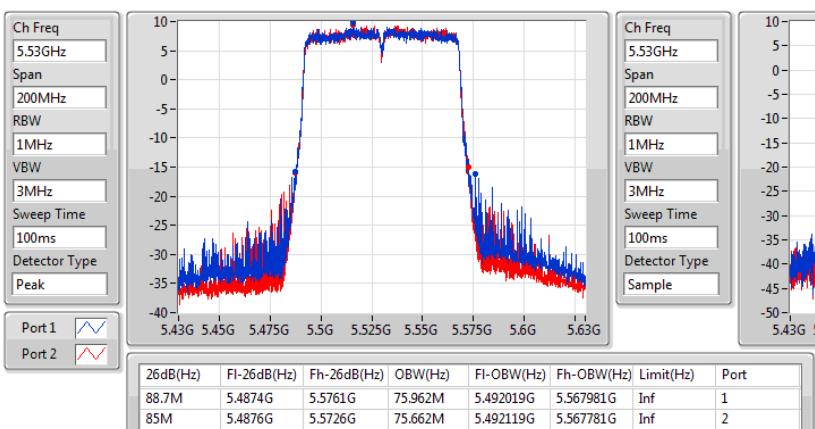




## 802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

EBW

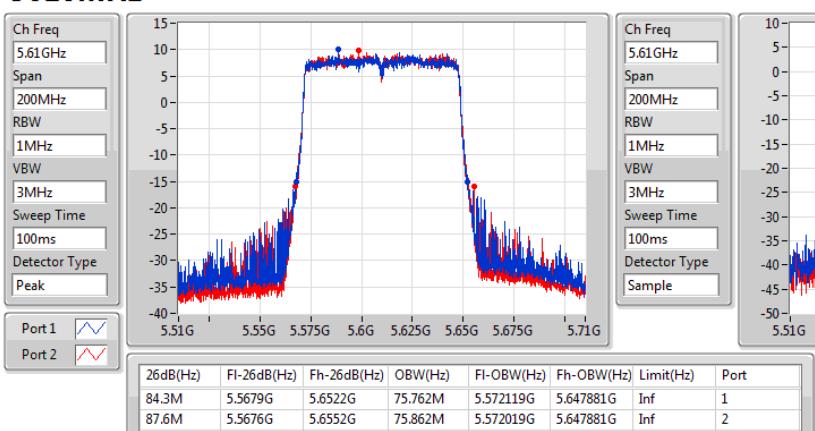
5530MHz



## 802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

EBW

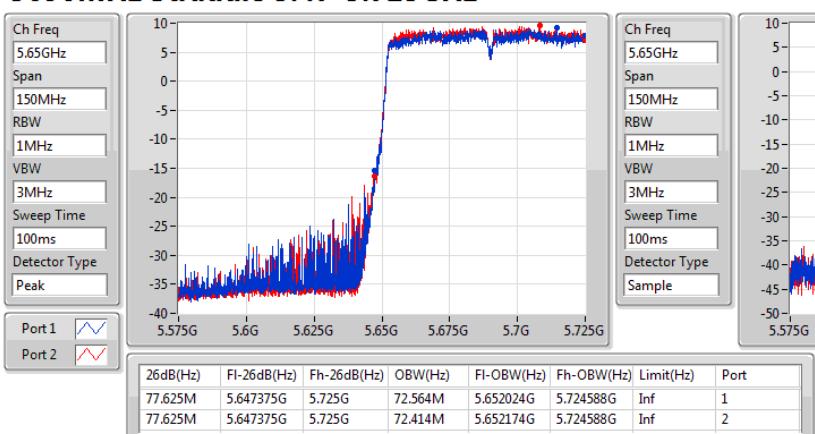
5610MHz

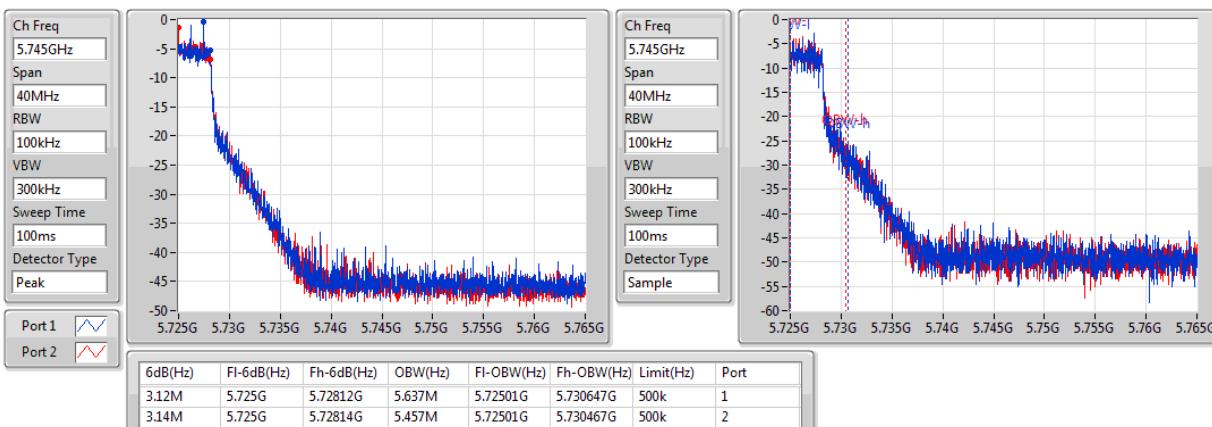
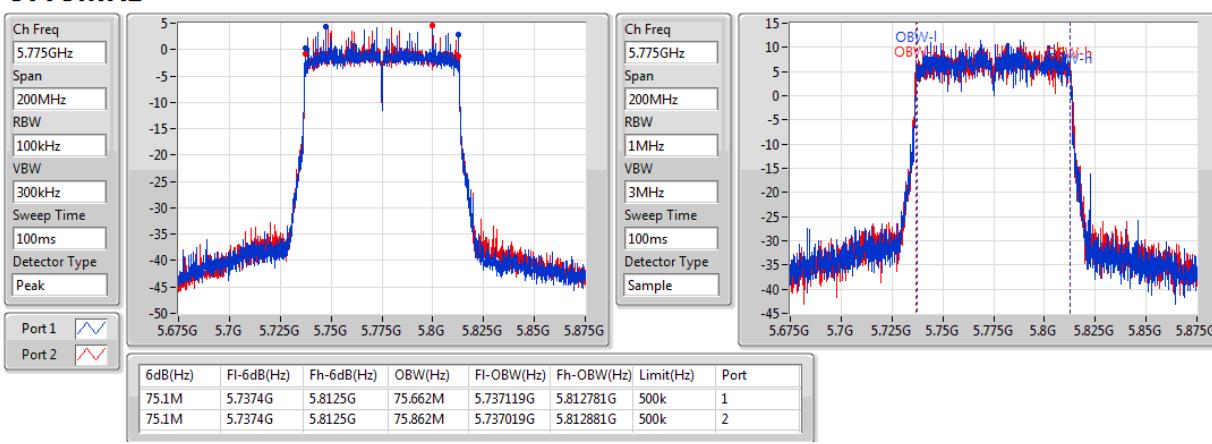


## 802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

EBW

5690MHz Straddle 5.47-5.725GHz



**802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX****EBW****5690MHz Straddle 5.725-5.85GHz****802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX****EBW****5775MHz**



**For Set 4 antennas / 3TX:**  
**<For Non-Beamforming Mode>**  
**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
802.11a_(6Mbps)_3TX	-	-	-	-	-
5.15-5.25GHz	20M	16.417M	16M4D1D	19.25M	16.392M
5.25-5.35GHz	19.2M	16.417M	16M4D1D	18.95M	16.367M
5.47-5.725GHz	19.725M	16.417M	16M4D1D	14.475M	13.163M
5.725-5.85GHz	16.3M	16.467M	16M5D1D	3.14M	3.378M
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-
5.15-5.25GHz	20.9M	17.641M	17M6D1D	20.5M	17.591M
5.25-5.35GHz	20.5M	17.641M	17M6D1D	19.75M	17.566M
5.47-5.725GHz	20.575M	17.616M	17M6D1D	15.045M	13.778M
5.725-5.85GHz	17.55M	17.666M	17M7D1D	3.78M	3.918M
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-
5.15-5.25GHz	40.15M	35.982M	36M0D1D	39.5M	35.932M
5.25-5.35GHz	40.2M	36.032M	36M0D1D	39.25M	35.782M
5.47-5.725GHz	40.2M	36.032M	36M0D1D	34.755M	32.779M
5.725-5.85GHz	35.65M	36.032M	36M0D1D	3.16M	3.438M
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-
5.15-5.25GHz	86.4M	75.762M	75M8D1D	84.2M	75.562M
5.25-5.35GHz	87.2M	75.862M	75M9D1D	85.3M	75.862M
5.47-5.725GHz	89.9M	75.962M	76M0D1D	77.4M	72.564M
5.725-5.85GHz	74M	75.962M	76M0D1D	3.14M	5.557M

**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)
802.11a_(6Mbps)_3TX	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	19.4M	16.392M	19.4M	16.392M	19.375M	16.417M
5200MHz	Pass	Inf	19.25M	16.417M	19.9M	16.417M	19.3M	16.392M
5240MHz	Pass	Inf	19.35M	16.417M	20M	16.417M	19.275M	16.417M
5260MHz	Pass	Inf	19.025M	16.367M	19.2M	16.392M	19M	16.417M
5300MHz	Pass	Inf	18.975M	16.392M	19.175M	16.417M	18.95M	16.417M
5320MHz	Pass	Inf	19.075M	16.417M	19.2M	16.392M	19.175M	16.367M
5500MHz	Pass	Inf	19.725M	16.417M	19.4M	16.417M	19.075M	16.392M
5580MHz	Pass	Inf	19.3M	16.417M	19.2M	16.417M	19.325M	16.417M
5700MHz	Pass	Inf	19.35M	16.417M	19.05M	16.417M	19.375M	16.417M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.85M	13.193M	14.475M	13.163M	15.03M	13.178M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	3.458M	3.16M	3.378M	3.14M	3.458M
5745MHz	Pass	500k	16.3M	16.392M	15.65M	16.417M	16.3M	16.417M
5785MHz	Pass	500k	16.275M	16.417M	16.025M	16.392M	16.3M	16.442M
5825MHz	Pass	500k	16.275M	16.417M	16.3M	16.467M	16.3M	16.417M
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	20.725M	17.591M	20.775M	17.641M	20.5M	17.641M
5200MHz	Pass	Inf	20.9M	17.616M	20.675M	17.641M	20.65M	17.616M
5240MHz	Pass	Inf	20.825M	17.616M	20.775M	17.616M	20.525M	17.616M
5260MHz	Pass	Inf	20.5M	17.566M	20.475M	17.641M	20.45M	17.591M
5300MHz	Pass	Inf	20.45M	17.566M	20.325M	17.591M	19.75M	17.616M
5320MHz	Pass	Inf	20.425M	17.616M	20.45M	17.591M	19.875M	17.616M
5500MHz	Pass	Inf	20.575M	17.591M	20.325M	17.591M	20.45M	17.591M
5580MHz	Pass	Inf	20.475M	17.566M	20.375M	17.616M	19.85M	17.616M
5700MHz	Pass	Inf	20.575M	17.591M	20.4M	17.591M	20.55M	17.591M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.075M	13.793M	15.06M	13.793M	15.045M	13.778M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.82M	3.998M	3.78M	3.938M	3.78M	3.918M
5745MHz	Pass	500k	17.55M	17.666M	16.55M	17.641M	17.275M	17.666M
5785MHz	Pass	500k	17.125M	17.641M	16.875M	17.666M	17.125M	17.666M
5825MHz	Pass	500k	16.55M	17.641M	17.55M	17.641M	17.525M	17.666M
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.5M	35.932M	39.95M	35.982M	39.7M	35.932M
5230MHz	Pass	Inf	39.5M	35.982M	39.9M	35.932M	40.15M	35.982M
5270MHz	Pass	Inf	39.75M	35.932M	39.75M	35.932M	40.2M	35.932M
5310MHz	Pass	Inf	39.25M	35.782M	39.65M	35.882M	39.95M	36.032M
5510MHz	Pass	Inf	39.75M	36.032M	40M	35.832M	40.2M	35.982M
5550MHz	Pass	Inf	39.3M	35.982M	40M	35.832M	39.8M	35.932M
5670MHz	Pass	Inf	39.3M	35.932M	39.7M	35.882M	39.75M	35.932M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.755M	32.849M	34.895M	32.779M	34.895M	32.779M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.16M	3.498M	3.16M	3.438M	3.18M	3.478M
5755MHz	Pass	500k	35.05M	35.982M	35.05M	35.932M	35.25M	36.032M
5795MHz	Pass	500k	34.95M	36.032M	33.85M	35.932M	35.65M	35.982M

**FCC Test Report****Report No. : FR760613AC**

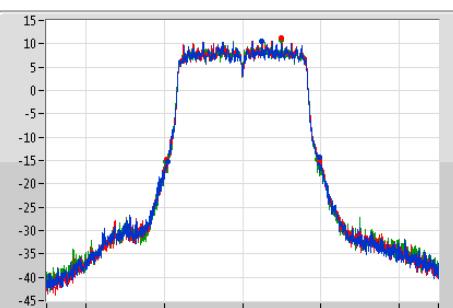
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	84.2M	75.562M	85.2M	75.662M	86.4M	75.762M
5290MHz	Pass	Inf	87.2M	75.862M	85.6M	75.862M	85.3M	75.862M
5530MHz	Pass	Inf	85.1M	75.762M	85.5M	75.862M	85.6M	75.762M
5610MHz	Pass	Inf	89.9M	75.862M	85.6M	75.962M	87.2M	75.762M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	79.275M	72.564M	77.4M	72.564M	77.85M	72.564M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.2M	5.737M	3.18M	5.557M	3.14M	5.757M
5775MHz	Pass	500k	72.5M	75.862M	73.7M	75.962M	74M	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;

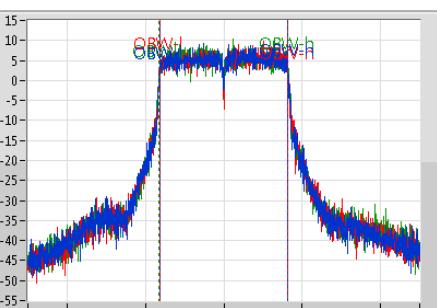
**802.11a\_(6Mbps)\_3TX****EBW****5180MHz**

Ch Freq  
5.18GHz  
Span  
50MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak

Port 1   
Port 2   
Port 3



Ch Freq  
5.18GHz  
Span  
50MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample

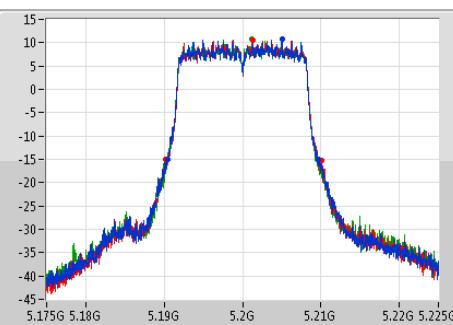


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.4M	5.1704G	5.1898G	16.392M	5.171804G	5.188196G	Inf	1
19.4M	5.170375G	5.189775G	16.392M	5.171804G	5.188196G	Inf	2
19.375M	5.1702G	5.189575G	16.417M	5.171779G	5.188196G	Inf	3

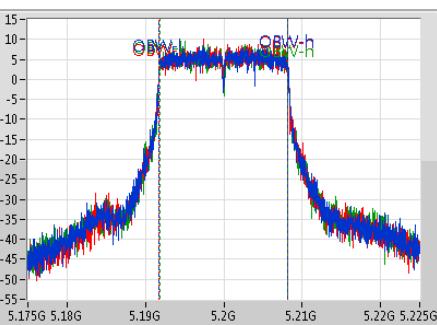
**802.11a\_(6Mbps)\_3TX****EBW****5200MHz**

Ch Freq  
5.2GHz  
Span  
50MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak

Port 1   
Port 2   
Port 3



Ch Freq  
5.2GHz  
Span  
50MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample

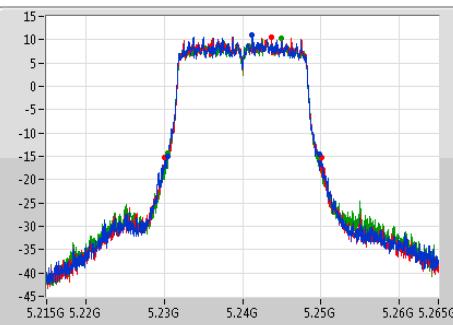


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.25M	5.190425G	5.209675G	16.417M	5.191779G	5.208196G	Inf	1
19.9M	5.1902G	5.2101G	16.417M	5.191779G	5.208196G	Inf	2
19.3M	5.19025G	5.20955G	16.392M	5.191804G	5.208196G	Inf	3

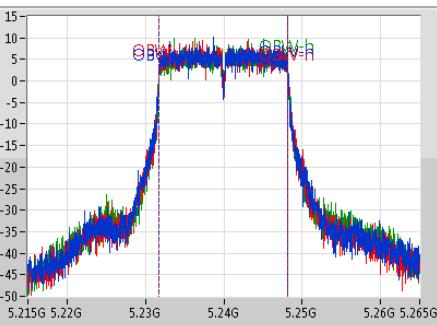
**802.11a\_(6Mbps)\_3TX****EBW****5240MHz**

Ch Freq  
5.24GHz  
Span  
50MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak

Port 1   
Port 2   
Port 3



Ch Freq  
5.24GHz  
Span  
50MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample

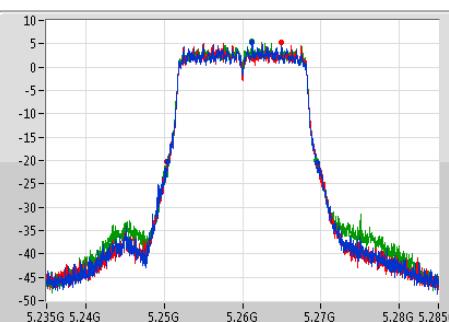


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.35M	5.230425G	5.249775G	16.417M	5.231779G	5.248196G	Inf	1
20M	5.2301G	5.2501G	16.417M	5.231779G	5.248196G	Inf	2
19.275M	5.2304G	5.249675G	16.417M	5.231779G	5.248196G	Inf	3

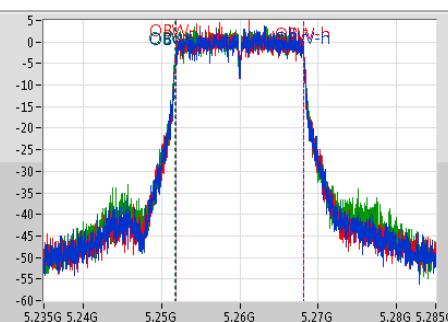
**802.11a\_(6Mbps)\_3TX****EBW****5260MHz**

Ch Freq  
5.26GHz  
Span  
50MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak

Port 1   
Port 2   
Port 3



Ch Freq  
5.26GHz  
Span  
50MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample

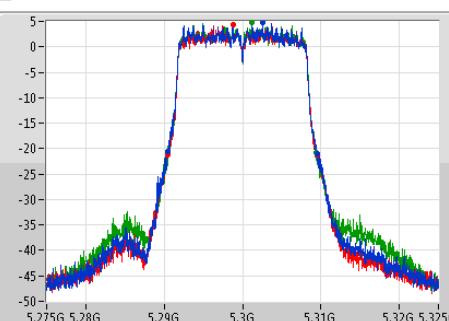


26dB(Hz)	FI-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	FI-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.025M	5.2505G	5.26952G	16.367M	5.251804G	5.268171G	Inf	1
19.2M	5.250375G	5.269575G	16.392M	5.251804G	5.268196G	Inf	2
19M	5.250425G	5.269425G	16.417M	5.251779G	5.268196G	Inf	3

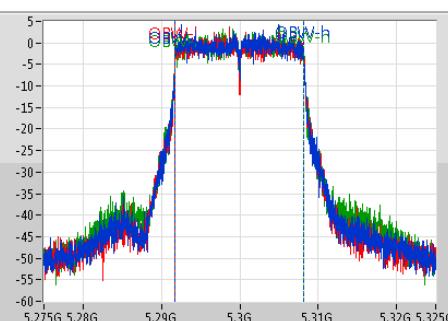
**802.11a\_(6Mbps)\_3TX****EBW****5300MHz**

Ch Freq  
5.3GHz  
Span  
50MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak

Port 1   
Port 2   
Port 3



Ch Freq  
5.3GHz  
Span  
50MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample

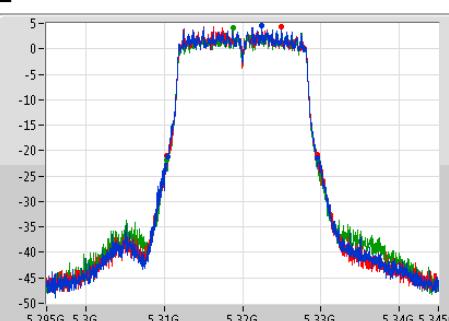


26dB(Hz)	FI-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	FI-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.975M	5.2905G	5.309475G	16.392M	5.291779G	5.308171G	Inf	1
19.175M	5.290425G	5.3096G	16.417M	5.291779G	5.308196G	Inf	2
18.95M	5.290425G	5.309375G	16.417M	5.291779G	5.308196G	Inf	3

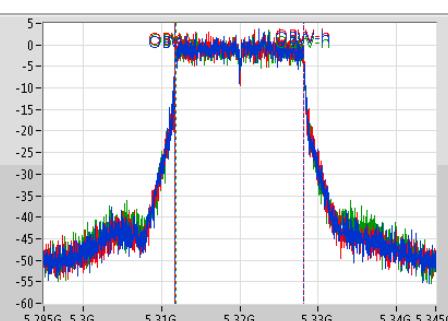
**802.11a\_(6Mbps)\_3TX****EBW****5320MHz**

Ch Freq  
5.32GHz  
Span  
50MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak

Port 1   
Port 2   
Port 3



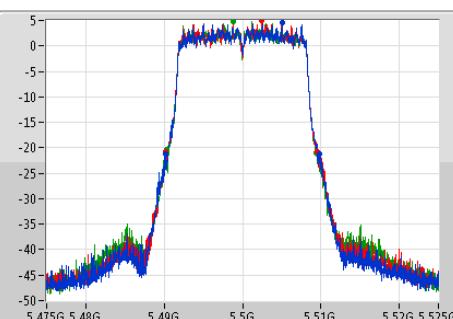
Ch Freq  
5.32GHz  
Span  
50MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



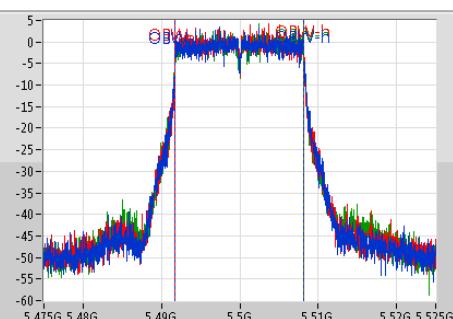
26dB(Hz)	FI-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	FI-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.075M	5.310475G	5.32955G	16.417M	5.311779G	5.328196G	Inf	1
19.2M	5.31035G	5.32955G	16.392M	5.311779G	5.328171G	Inf	2
19.175M	5.31036G	5.329475G	16.367M	5.311804G	5.328171G	Inf	3

**802.11a\_(6Mbps)\_3TX****EBW****5500MHz**

Ch Freq	5.5GHz
Span	50MHz
RBW	200kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Peak
Port 1	<input checked="" type="checkbox"/>
Port 2	<input type="checkbox"/>
Port 3	<input type="checkbox"/>



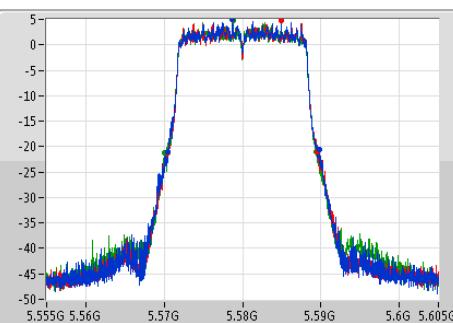
Ch Freq	5.5GHz
Span	50MHz
RBW	200kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Sample



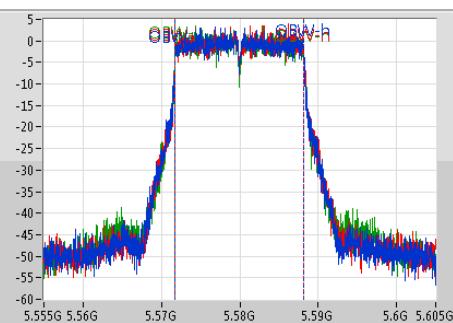
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.725M	5.49015G	5.509875G	16.417M	5.491779G	5.508196G	Inf	1
19.4M	5.490175G	5.509575G	16.417M	5.491779G	5.508196G	Inf	2
19.075M	5.490375G	5.50945G	16.392M	5.491779G	5.508171G	Inf	3

**802.11a\_(6Mbps)\_3TX****EBW****5580MHz**

Ch Freq	5.58GHz
Span	50MHz
RBW	200kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Peak
Port 1	<input checked="" type="checkbox"/>
Port 2	<input type="checkbox"/>
Port 3	<input type="checkbox"/>



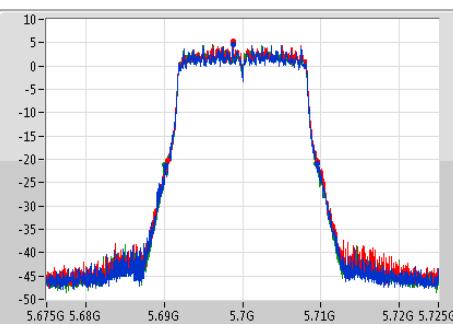
Ch Freq	5.58GHz
Span	50MHz
RBW	200kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Sample



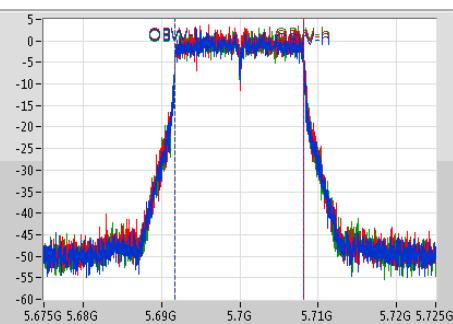
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.3M	5.5705G	5.5898G	16.417M	5.571779G	5.588196G	Inf	1
19.2M	5.5704G	5.5896G	16.417M	5.571779G	5.588196G	Inf	2
19.325M	5.57005G	5.589375G	16.417M	5.571779G	5.588196G	Inf	3

**802.11a\_(6Mbps)\_3TX****EBW****5700MHz**

Ch Freq	5.7GHz
Span	50MHz
RBW	200kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Peak
Port 1	<input checked="" type="checkbox"/>
Port 2	<input type="checkbox"/>
Port 3	<input type="checkbox"/>



Ch Freq	5.7GHz
Span	50MHz
RBW	200kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Sample



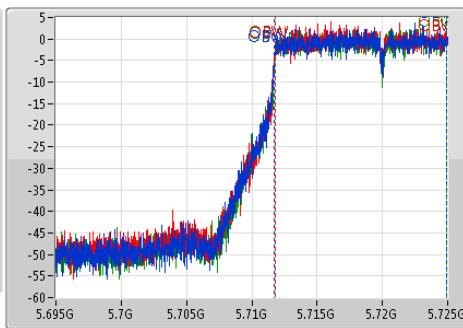
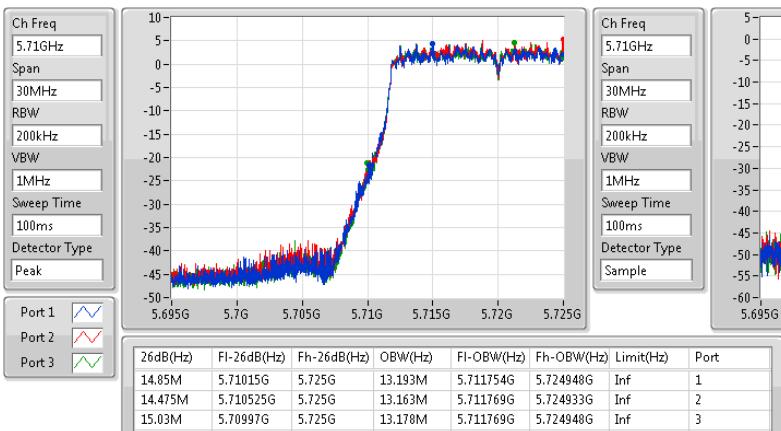
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.35M	5.69015G	5.7095G	16.417M	5.691779G	5.708196G	Inf	1
19.05M	5.6905G	5.70955G	16.417M	5.691779G	5.708196G	Inf	2
19.375M	5.690025G	5.7094G	16.417M	5.691779G	5.708196G	Inf	3



## 802.11a\_(6Mbps)\_3TX

EBW

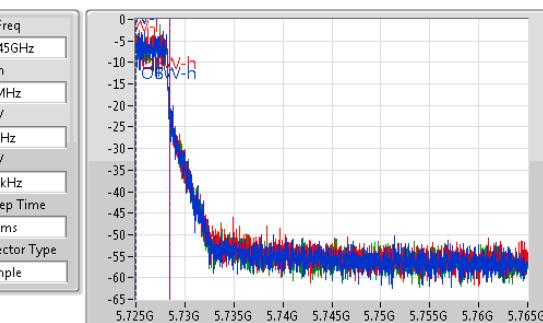
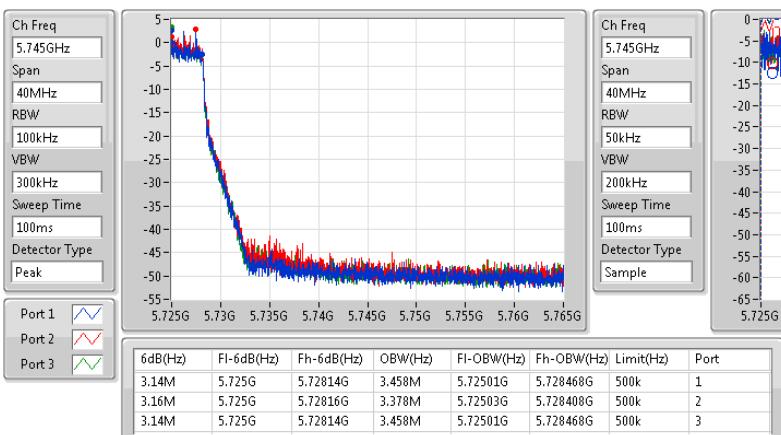
## 5720MHz Straddle 5.47-5.725GHz



## 802.11a\_(6Mbps)\_3TX

EBW

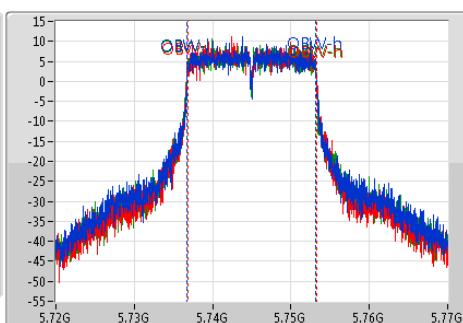
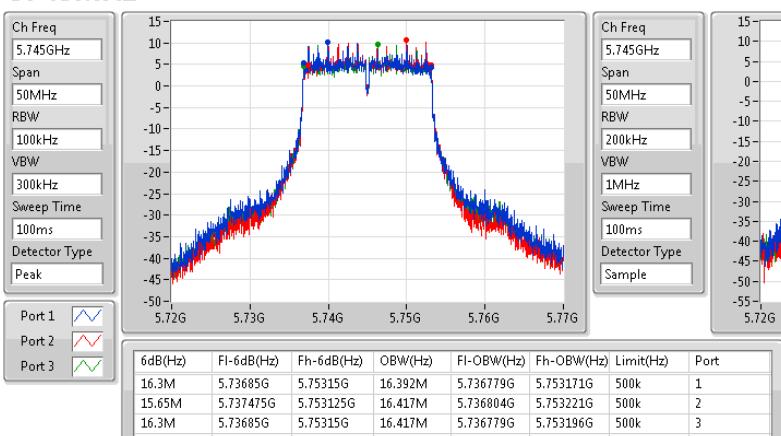
## 5720MHz Straddle 5.725-5.85GHz



## 802.11a\_(6Mbps)\_3TX

EBW

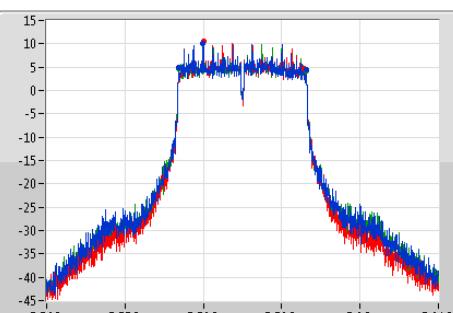
## 5745MHz



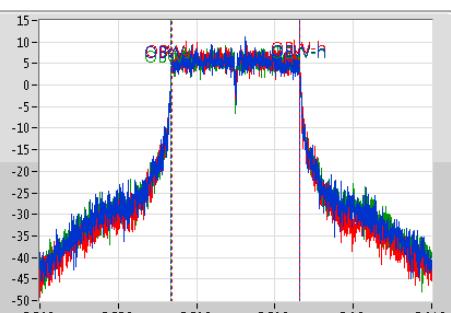
**802.11a\_(6Mbps)\_3TX****EBW****5785MHz**

Ch Freq  
5.785GHz  
Span  
50MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak

Port 1   
Port 2   
Port 3



Ch Freq  
5.785GHz  
Span  
50MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample

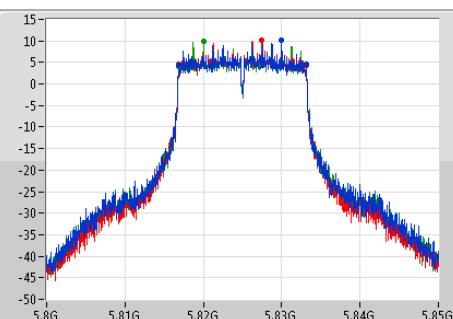


6dB(Hz)	FI-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	FI-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.275M	5.77685G	5.793125G	16.417M	5.776779G	5.793196G	500k	1
16.025M	5.77685G	5.792875G	16.392M	5.776804G	5.793196G	500k	2
16.3M	5.77685G	5.79315G	16.442M	5.776754G	5.793196G	500k	3

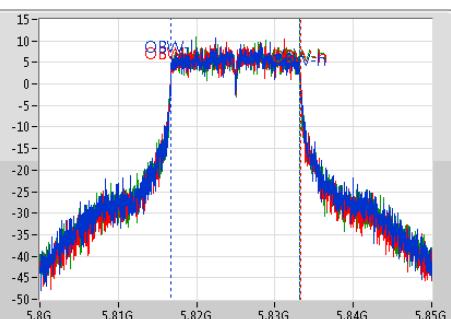
**802.11a\_(6Mbps)\_3TX****EBW****5825MHz**

Ch Freq  
5.825GHz  
Span  
50MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak

Port 1   
Port 2   
Port 3



Ch Freq  
5.825GHz  
Span  
50MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample

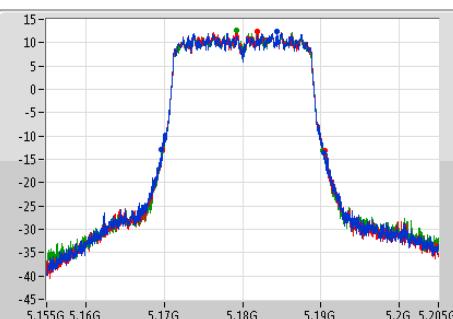


6dB(Hz)	FI-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	FI-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.275M	5.81685G	5.833125G	16.417M	5.816779G	5.833196G	500k	1
16.3M	5.81685G	5.83315G	16.467M	5.816754G	5.833221G	500k	2
16.3M	5.81685G	5.83315G	16.417M	5.816779G	5.833196G	500k	3

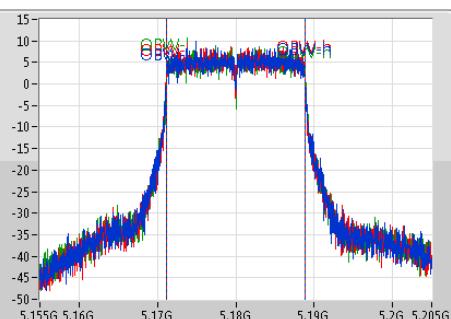
**802.11ac VHT20\_Nss1,(MCS0)\_3TX****EBW****5180MHz**

Ch Freq  
5.18GHz  
Span  
50MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak

Port 1   
Port 2   
Port 3



Ch Freq  
5.18GHz  
Span  
50MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



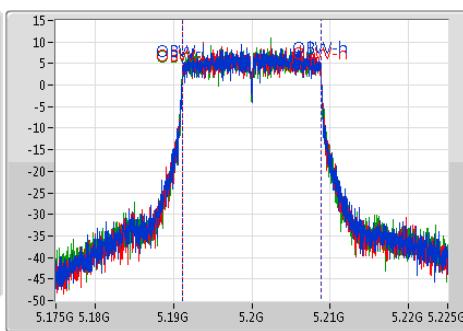
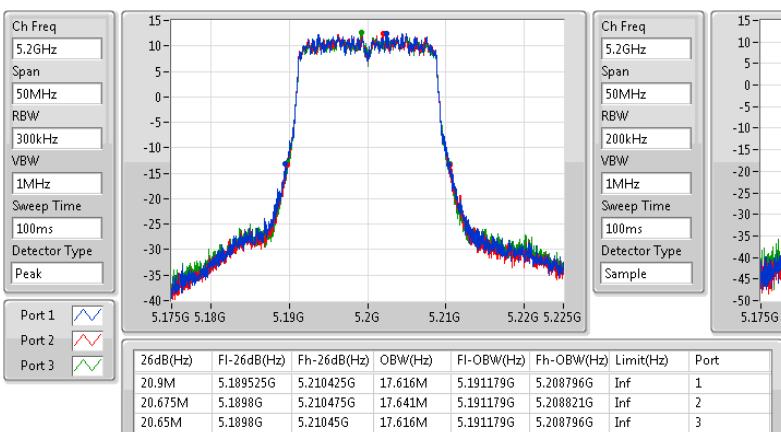
26dB(Hz)	FI-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	FI-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.725M	5.1696G	5.190325G	17.591M	5.171204G	5.188796G	Inf	1
20.775M	5.169775G	5.19055G	17.641M	5.171154G	5.188796G	Inf	2
20.5M	5.1698G	5.1903G	17.641M	5.171179G	5.188821G	Inf	3



## 802.11ac VHT20\_Nss1,(MCS0)\_3TX

EBW

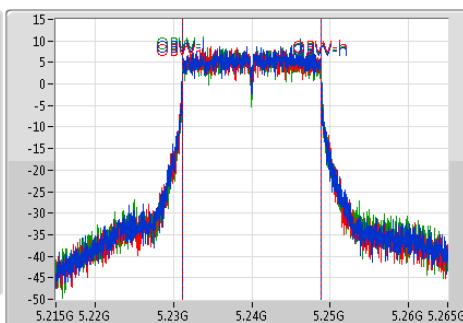
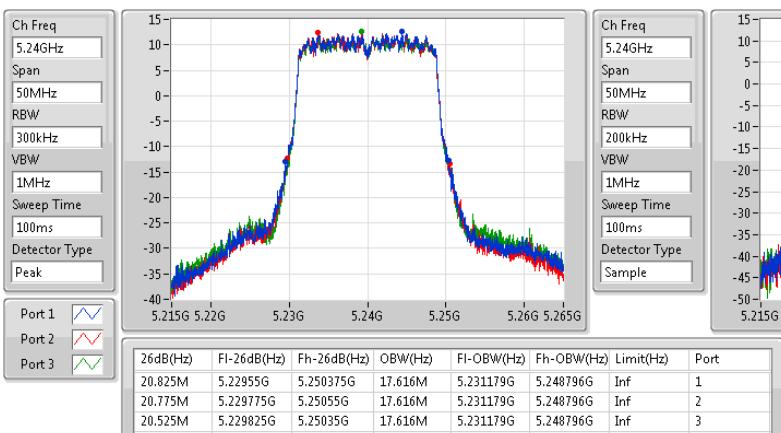
## 5200MHz



## 802.11ac VHT20\_Nss1,(MCS0)\_3TX

EBW

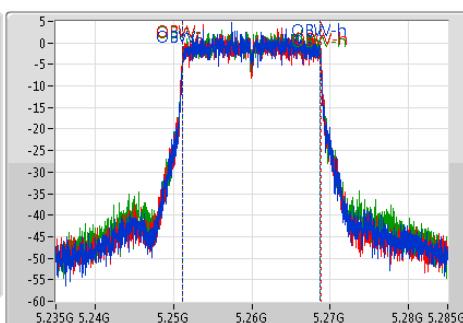
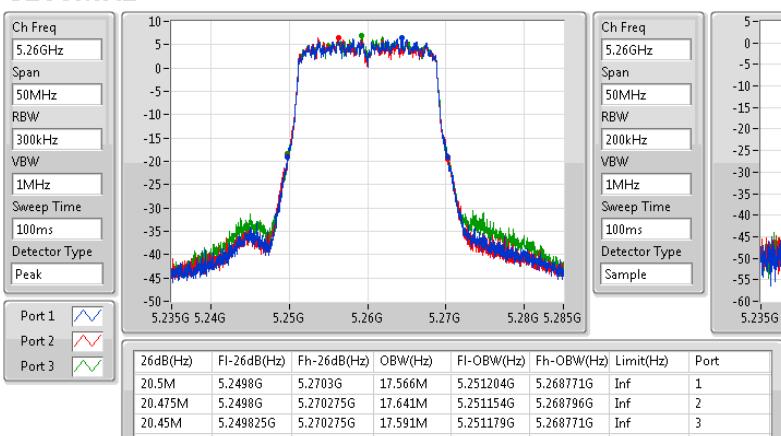
## 5240MHz



## 802.11ac VHT20\_Nss1,(MCS0)\_3TX

EBW

## 5260MHz

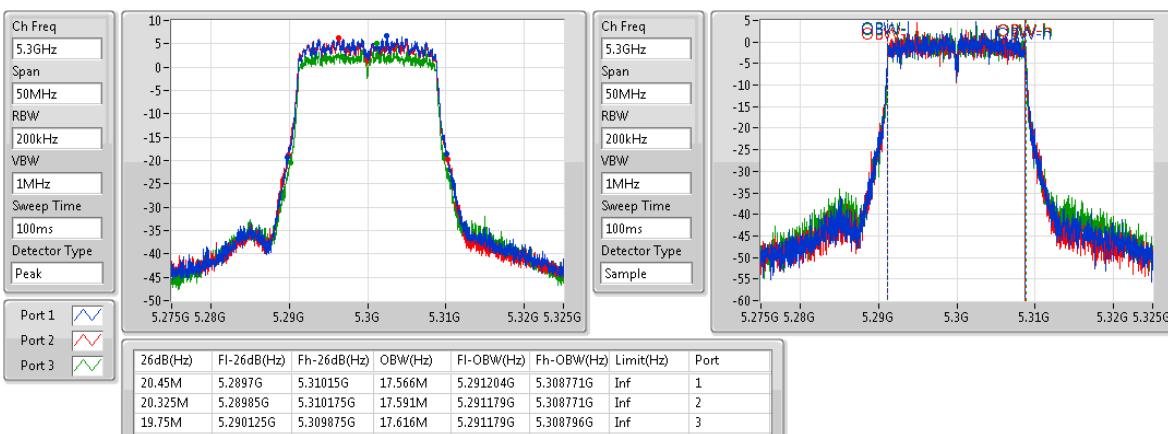




## 802.11ac VHT20\_Nss1,(MCS0)\_3TX

EBW

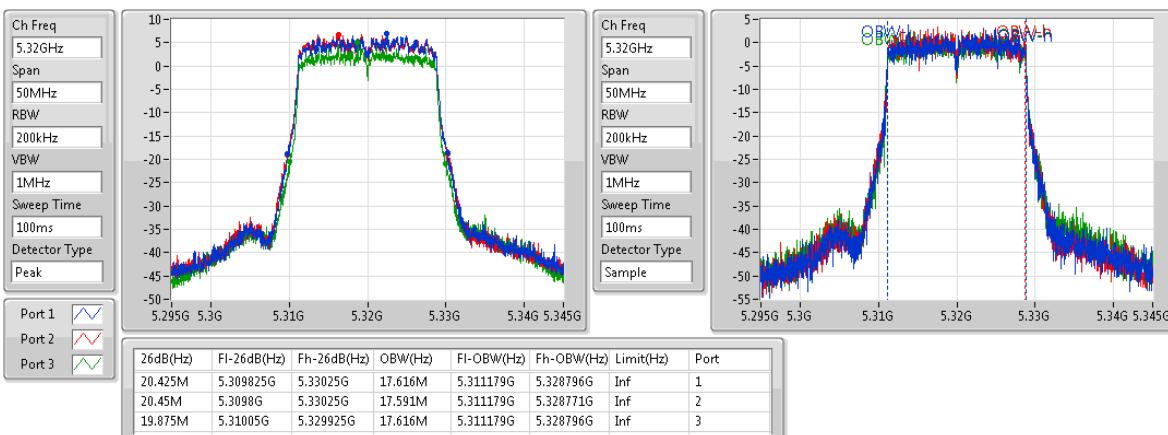
## 5300MHz



## 802.11ac VHT20\_Nss1,(MCS0)\_3TX

EBW

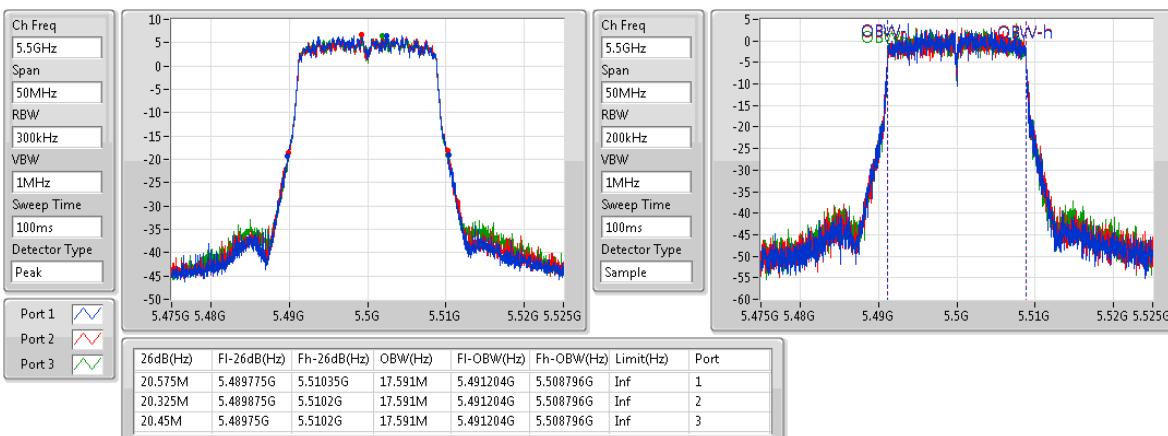
## 5320MHz



## 802.11ac VHT20\_Nss1,(MCS0)\_3TX

EBW

## 5500MHz

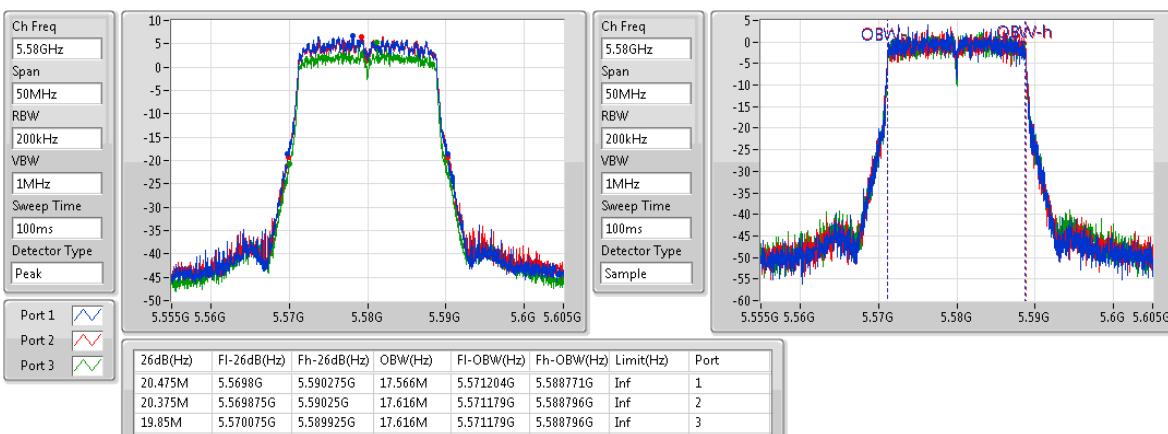




## 802.11ac VHT20\_Nss1,(MCS0)\_3TX

EBW

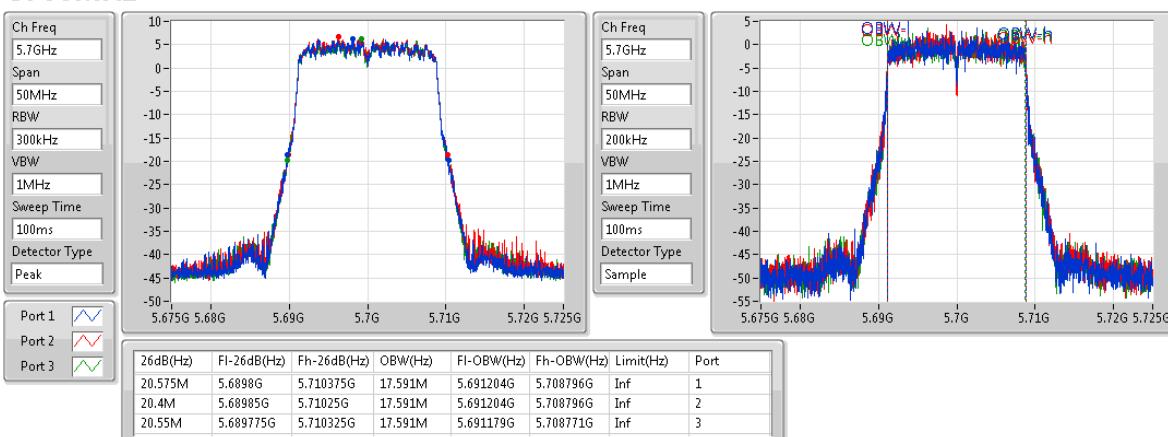
## 5580MHz



## 802.11ac VHT20\_Nss1,(MCS0)\_3TX

EBW

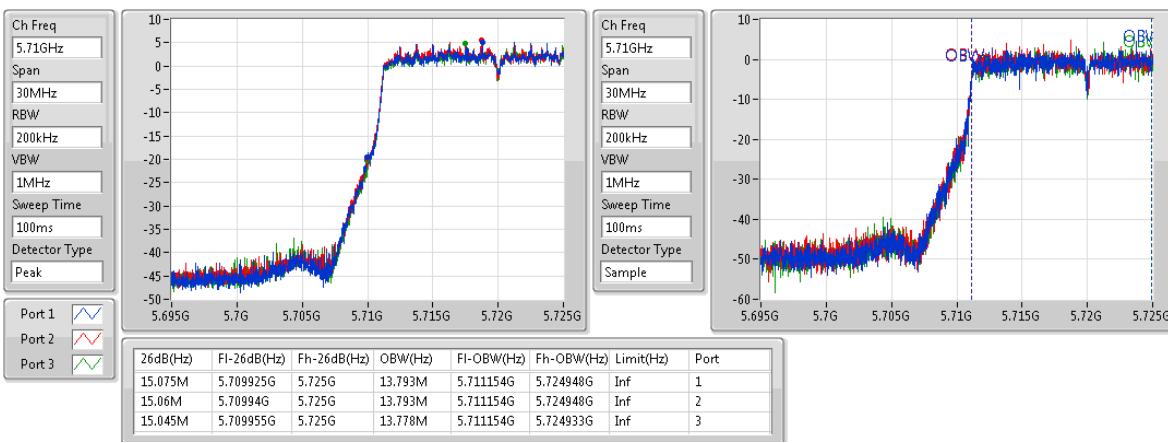
## 5700MHz



## 802.11ac VHT20\_Nss1,(MCS0)\_3TX

EBW

## 5720MHz Straddle 5.47-5.725GHz

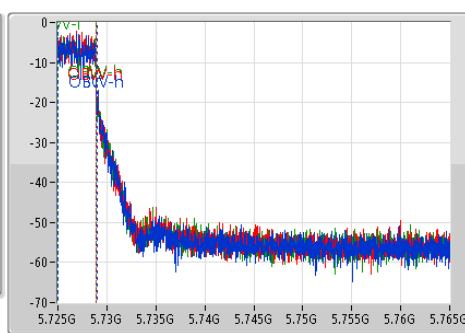
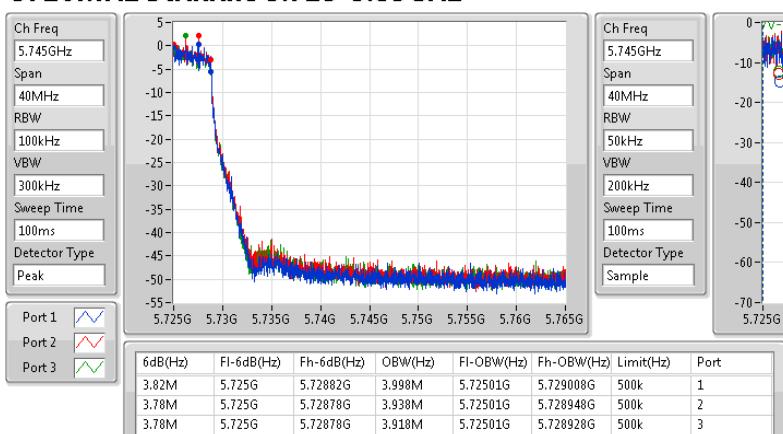




## 802.11ac VHT20\_Nss1,(MCS0)\_3TX

EBW

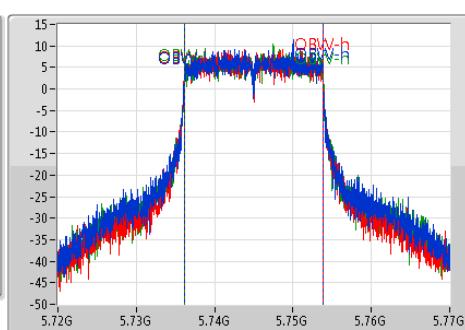
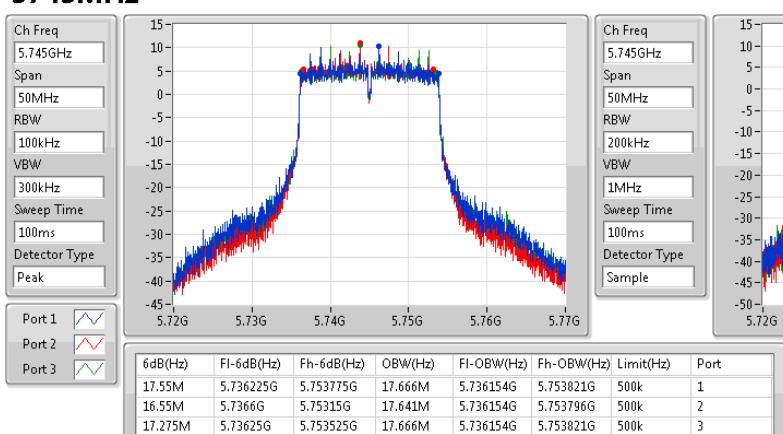
## 5720MHz Straddle 5.725-5.85GHz



## 802.11ac VHT20\_Nss1,(MCS0)\_3TX

EBW

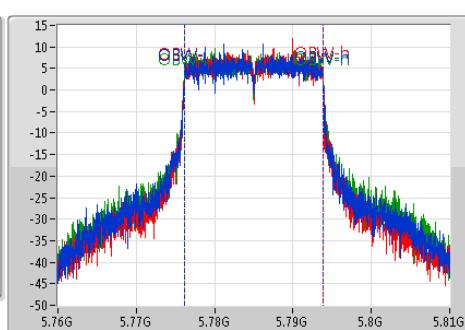
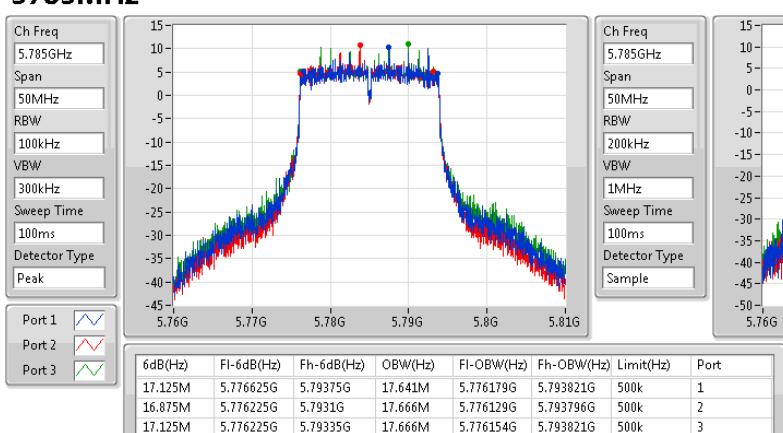
## 5745MHz



## 802.11ac VHT20\_Nss1,(MCS0)\_3TX

EBW

## 5785MHz





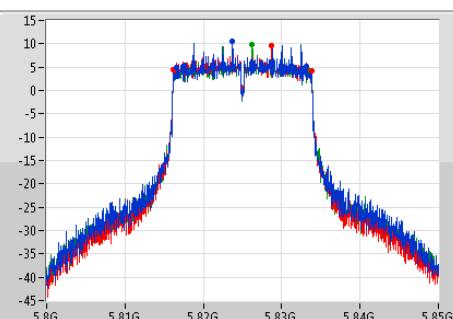
## 802.11ac VHT20\_Nss1,(MCS0)\_3TX

EBW

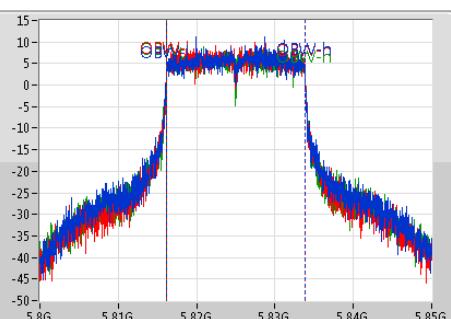
## 5825MHz

Ch Freq  
5.825GHz  
Span  
50MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak

Port 1   
Port 2   
Port 3



Ch Freq  
5.825GHz  
Span  
50MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.55M	5.8166G	5.83315G	17.641M	5.816154G	5.833796G	500k	1
17.55M	5.816225G	5.833775G	17.641M	5.816154G	5.833796G	500k	2
17.525M	5.816225G	5.83375G	17.666M	5.816154G	5.833802G	500k	3

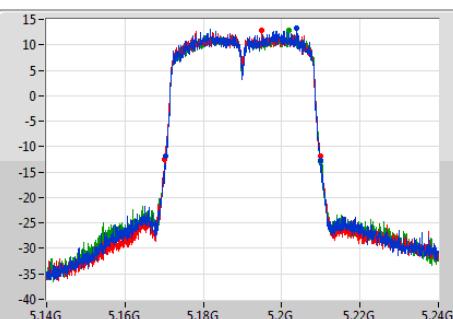
## 802.11ac VHT40\_Nss1,(MCS0)\_3TX

EBW

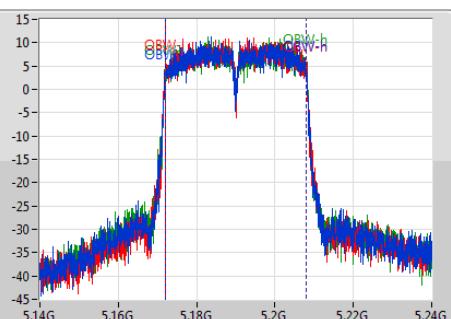
## 5190MHz

Ch Freq  
5.19GHz  
Span  
100MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak

Port 1   
Port 2   
Port 3



Ch Freq  
5.19GHz  
Span  
100MHz  
RBW  
500kHz  
VBW  
2MHz  
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
39.5M	5.17045G	5.20995G	35.932M	5.172059G	5.207991G	Inf	1
39.95M	5.17005G	5.21G	35.982M	5.172009G	5.207991G	Inf	2
39.7M	5.17015G	5.20985G	35.932M	5.172059G	5.207991G	Inf	3

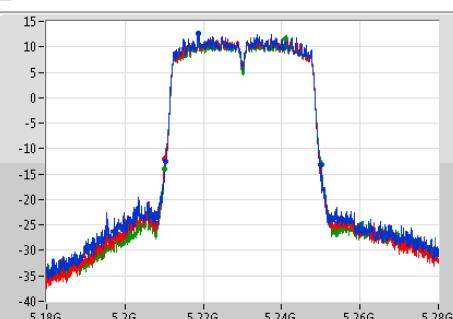
## 802.11ac VHT40\_Nss1,(MCS0)\_3TX

EBW

## 5230MHz

Ch Freq  
5.23GHz  
Span  
100MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak

Port 1   
Port 2   
Port 3



Ch Freq  
5.23GHz  
Span  
100MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



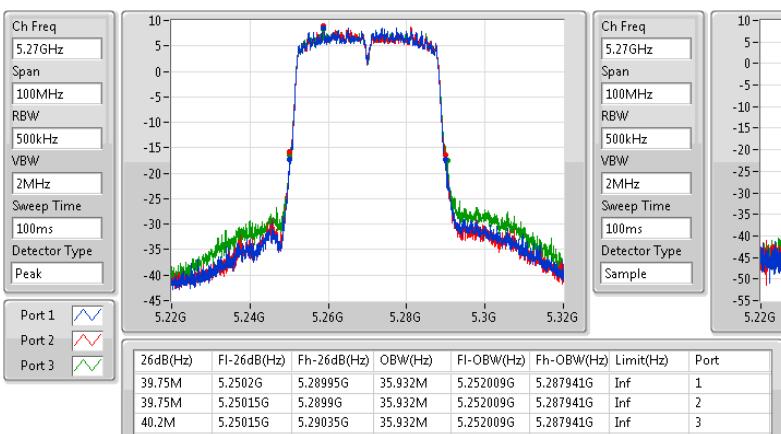
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.5M	5.2103G	5.2498G	35.982M	5.212009G	5.247991G	Inf	1
39.9M	5.21015G	5.25005G	35.932M	5.212009G	5.247941G	Inf	2
40.15M	5.21016G	5.25025G	35.982M	5.212009G	5.247991G	Inf	3



## 802.11ac VHT40\_Nss1,(MCS0)\_3TX

EBW

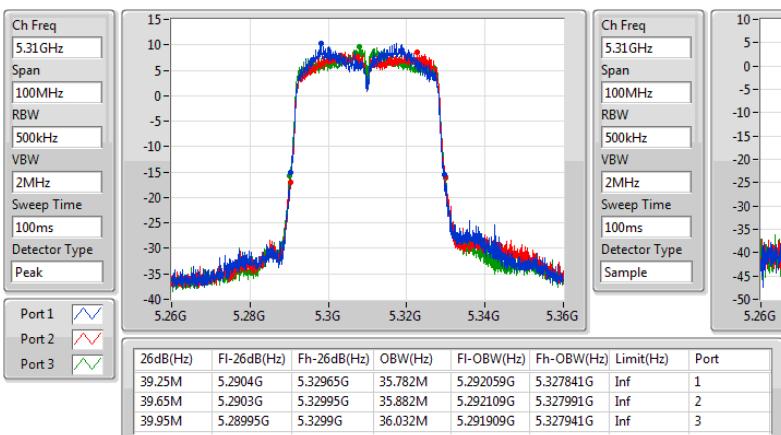
## 5270MHz



## 802.11ac VHT40\_Nss1,(MCS0)\_3TX

EBW

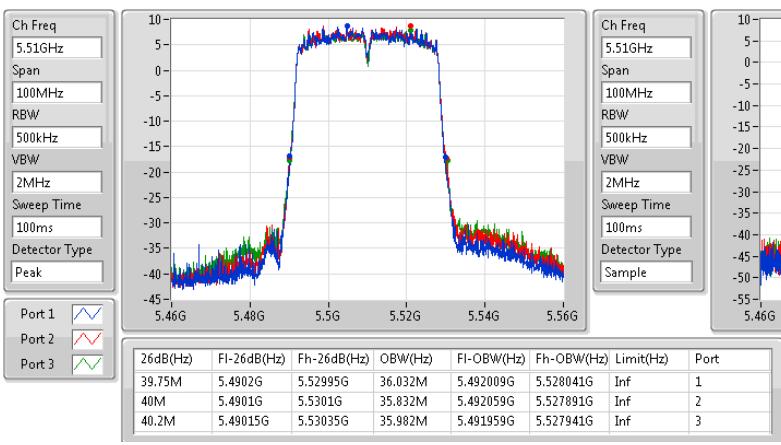
## 5310MHz



## 802.11ac VHT40\_Nss1,(MCS0)\_3TX

EBW

## 5510MHz

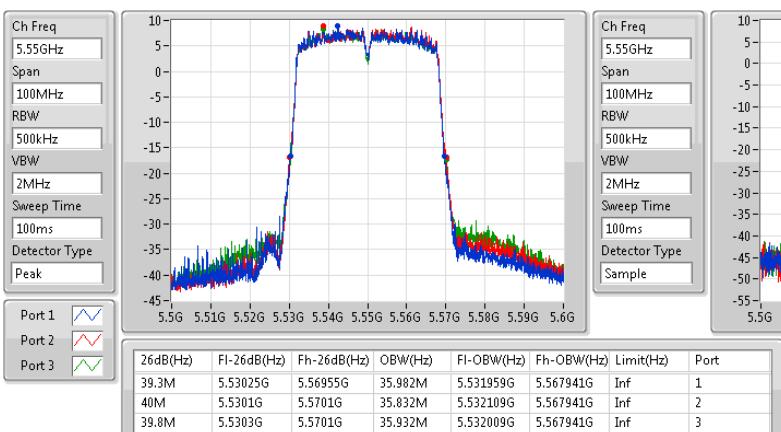




## 802.11ac VHT40\_Nss1,(MCS0)\_3TX

EBW

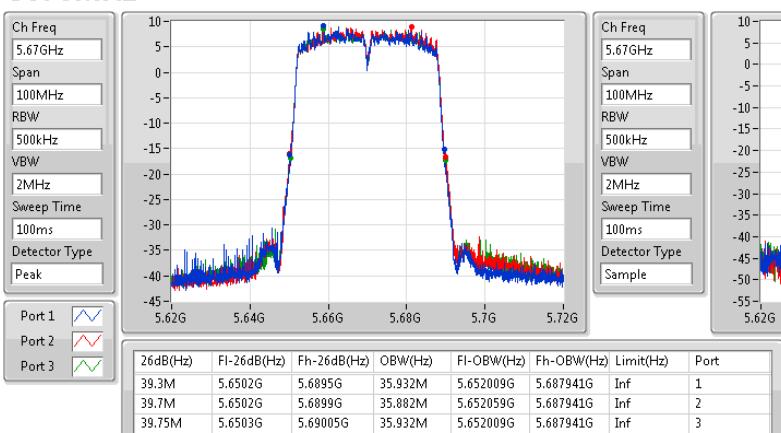
## 5550MHz



## 802.11ac VHT40\_Nss1,(MCS0)\_3TX

EBW

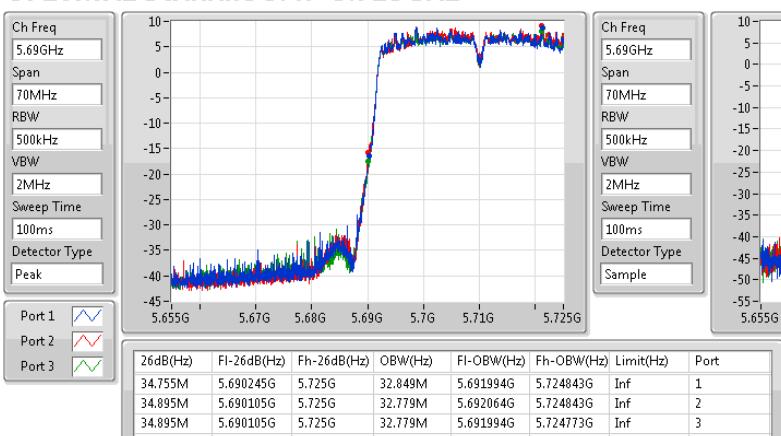
## 5670MHz



## 802.11ac VHT40\_Nss1,(MCS0)\_3TX

EBW

## 5710MHz Straddle 5.47-5.725GHz





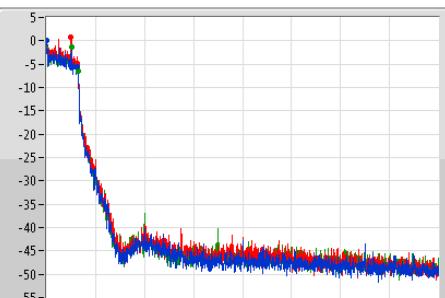
## 802.11ac VHT40\_Nss1,(MCS0)\_3TX

EBW

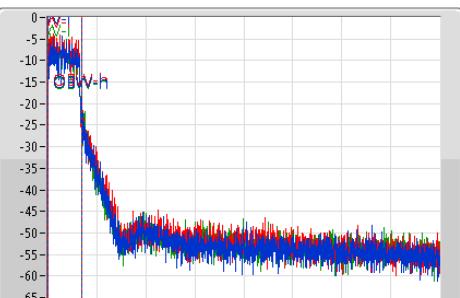
## 5710MHz Straddle 5.725-5.85GHz

Ch Freq  
5.745GHz  
Span  
40MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak

Port 1   
Port 2   
Port 3



Ch Freq  
5.745GHz  
Span  
40MHz  
RBW  
50kHz  
VBW  
200kHz  
Sweep Time  
100ms  
Detector Type  
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.16M	5.725G	5.72816G	3.498M	5.72501G	5.728508G	500k	1
3.16M	5.725G	5.72816G	3.438M	5.72503G	5.728468G	500k	2
3.18M	5.725G	5.72818G	3.478M	5.72501G	5.728488G	500k	3

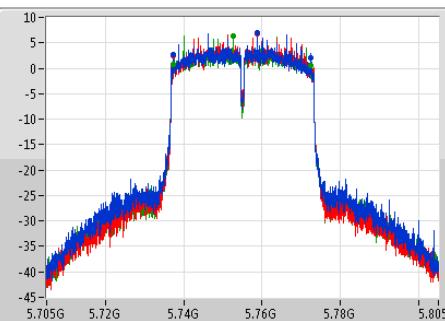
## 802.11ac VHT40\_Nss1,(MCS0)\_3TX

EBW

## 5755MHz

Ch Freq  
5.755GHz  
Span  
100MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak

Port 1   
Port 2   
Port 3



Ch Freq  
5.755GHz  
Span  
100MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.05M	5.73745G	5.7725G	35.982M	5.736959G	5.772941G	500k	1
35.05M	5.73745G	5.7725G	35.932M	5.737009G	5.772941G	500k	2
35.25M	5.73725G	5.7725G	36.032M	5.736959G	5.772991G	500k	3

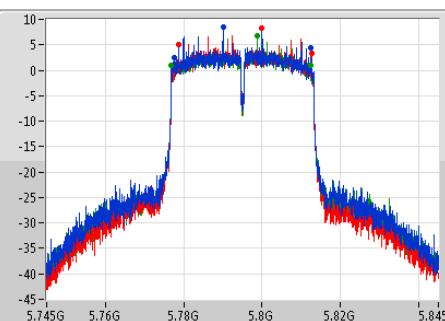
## 802.11ac VHT40\_Nss1,(MCS0)\_3TX

EBW

## 5795MHz

Ch Freq  
5.795GHz  
Span  
100MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak

Port 1   
Port 2   
Port 3



Ch Freq  
5.795GHz  
Span  
100MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



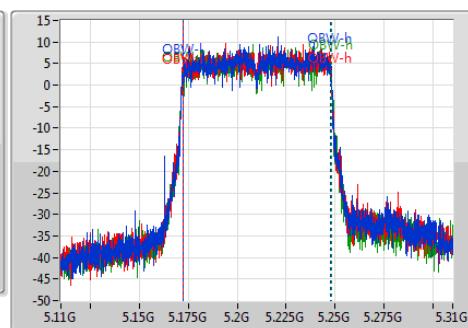
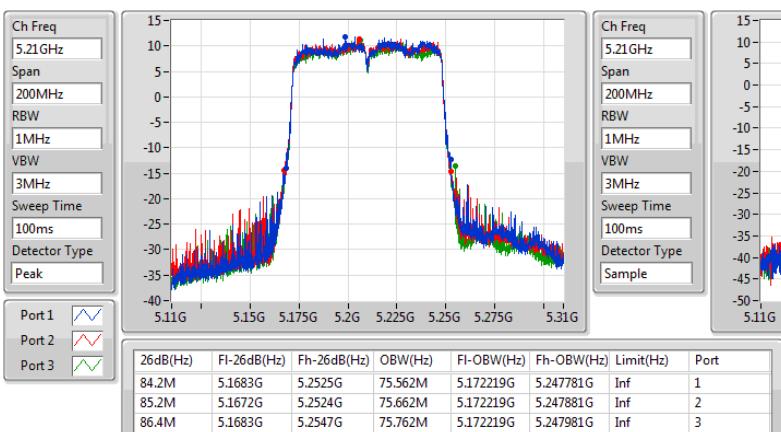
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.95M	5.77755G	5.8125G	36.032M	5.776959G	5.812991G	500k	1
33.85M	5.7787G	5.81255G	35.932M	5.777009G	5.812941G	500k	2
35.65M	5.77685G	5.8125G	35.982M	5.776959G	5.812941G	500k	3



## 802.11ac VHT80\_Nss1,(MCS0)\_3TX

EBW

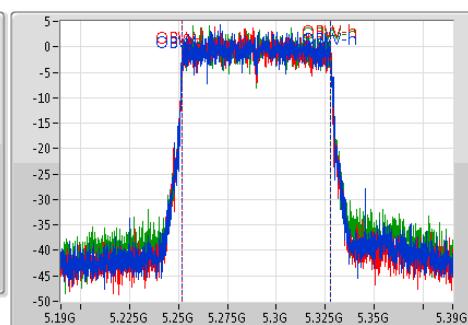
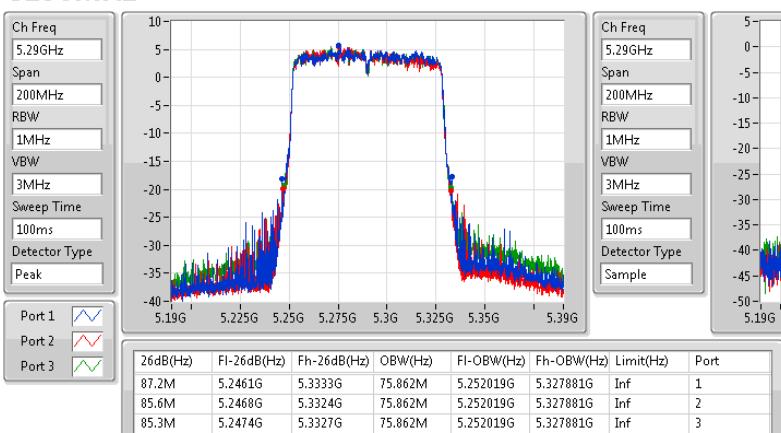
## 5210MHz



## 802.11ac VHT80\_Nss1,(MCS0)\_3TX

EBW

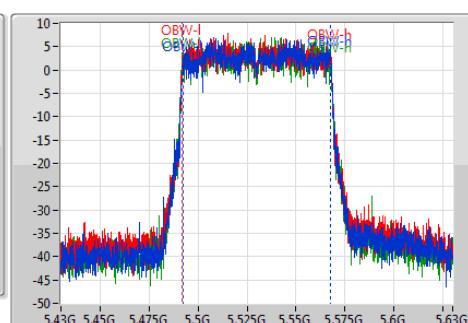
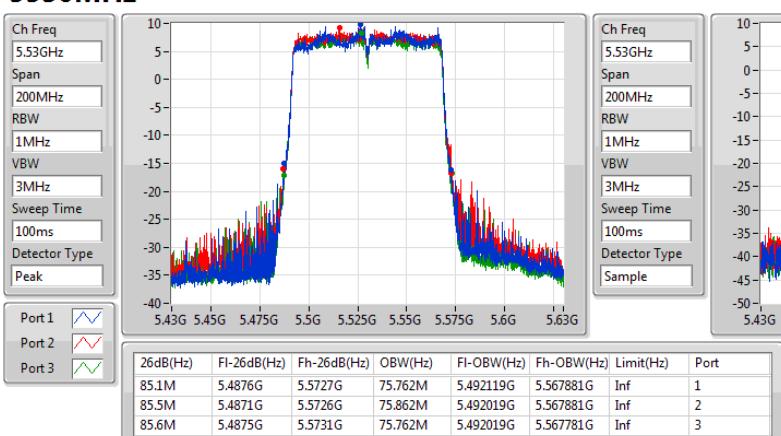
## 5290MHz



## 802.11ac VHT80\_Nss1,(MCS0)\_3TX

EBW

## 5530MHz

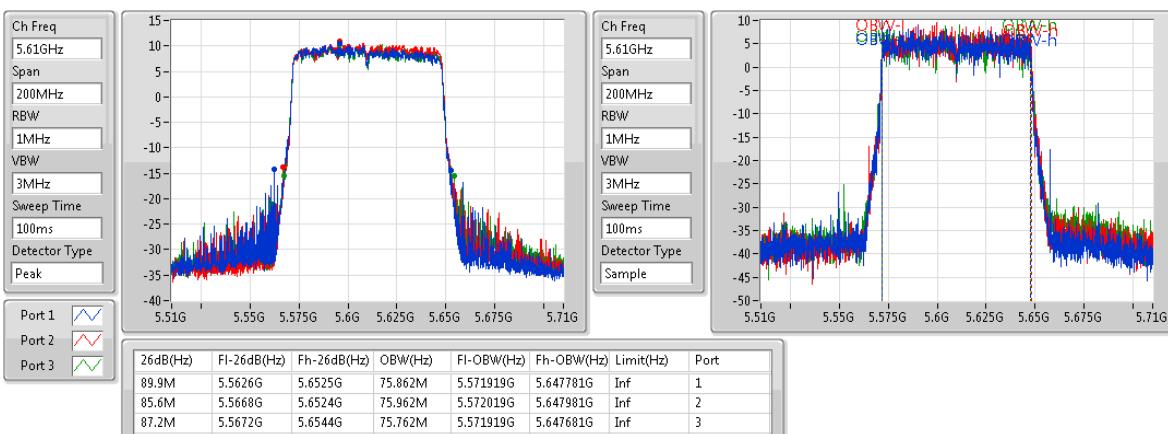




## 802.11ac VHT80\_Nss1,(MCS0)\_3TX

EBW

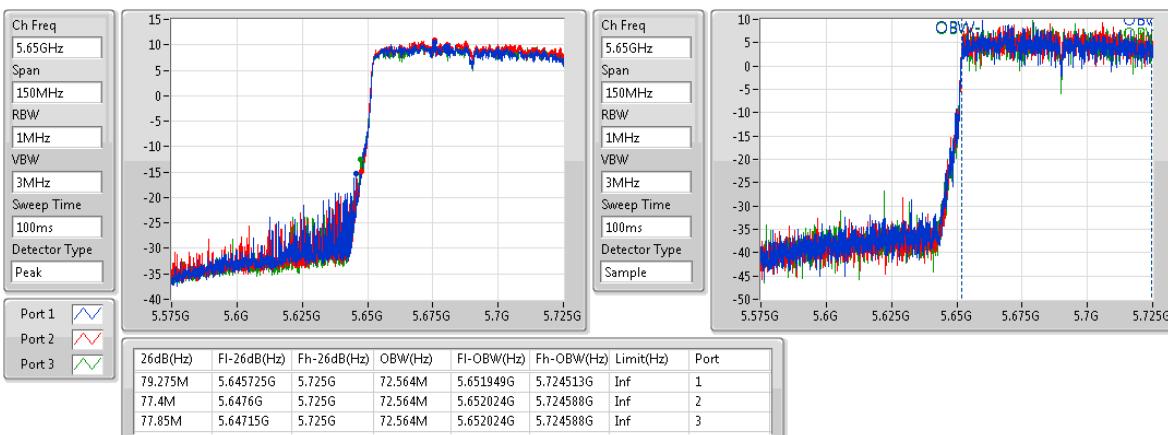
## 5610MHz



## 802.11ac VHT80\_Nss1,(MCS0)\_3TX

EBW

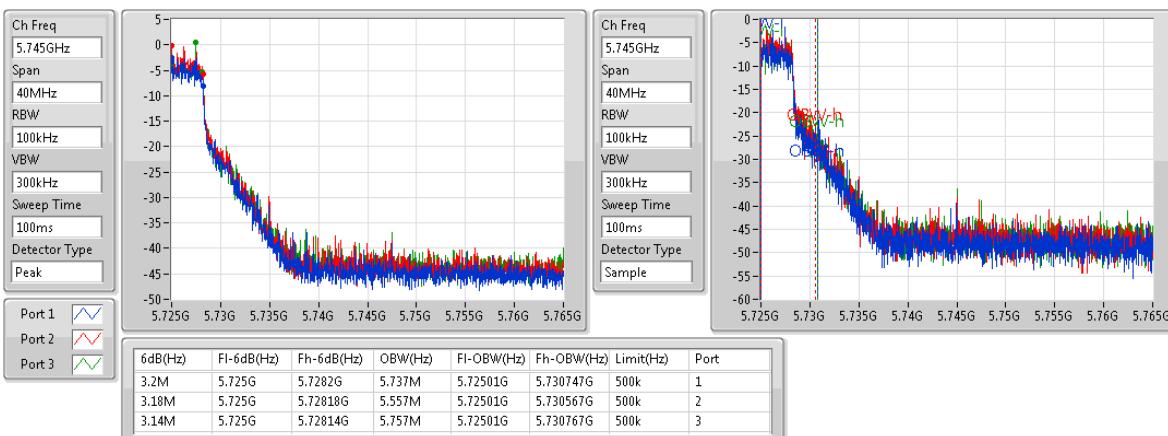
## 5690MHz Straddle 5.47-5.725GHz

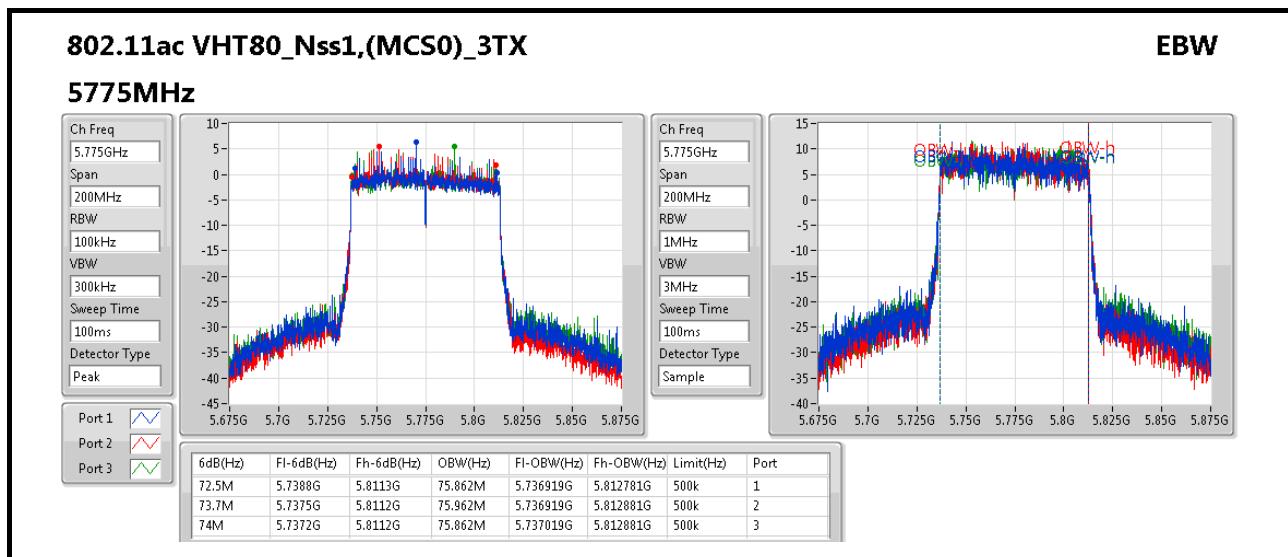


## 802.11ac VHT80\_Nss1,(MCS0)\_3TX

EBW

## 5690MHz Straddle 5.725-5.85GHz







## &lt;For Beamforming Mode&gt;

## Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-
5.15-5.25GHz	24.5M	17.741M	17M7D1D	20.225M	17.566M
5.25-5.35GHz	23.275M	17.766M	17M8D1D	21.95M	17.491M
5.47-5.725GHz	23.05M	17.791M	17M8D1D	15.765M	13.838M
5.725-5.85GHz	17.725M	18.141M	18M1D1D	3.68M	4.218M
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-
5.15-5.25GHz	67.1M	36.532M	36M5D1D	42.7M	36.132M
5.25-5.35GHz	44.45M	36.332M	36M3D1D	42.8M	36.132M
5.47-5.725GHz	44.25M	36.632M	36M6D1D	36.575M	32.919M
5.725-5.85GHz	36.55M	36.782M	36M8D1D	3.14M	4.018M
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-	-	-	-	-
5.15-5.25GHz	86.7M	75.762M	75M8D1D	84M	75.662M
5.25-5.35GHz	85.6M	75.762M	75M8D1D	85.1M	75.562M
5.47-5.725GHz	87.9M	75.862M	75M9D1D	76.725M	72.489M
5.725-5.85GHz	75.6M	75.762M	75M8D1D	3.12M	5.897M

**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)
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	20.55M	17.641M	20.225M	17.566M	20.3M	17.566M
5200MHz	Pass	Inf	20.85M	17.616M	20.45M	17.616M	20.875M	17.616M
5240MHz	Pass	Inf	23.175M	17.691M	23.275M	17.691M	24.5M	17.741M
5260MHz	Pass	Inf	22.525M	17.616M	22.225M	17.691M	22.975M	17.716M
5300MHz	Pass	Inf	22.75M	17.691M	23.275M	17.766M	21.95M	17.491M
5320MHz	Pass	Inf	22.95M	17.741M	23.15M	17.691M	22.25M	17.666M
5500MHz	Pass	Inf	22.45M	17.691M	22.3M	17.691M	22.975M	17.791M
5580MHz	Pass	Inf	22.925M	17.691M	22.8M	17.641M	22.95M	17.666M
5700MHz	Pass	Inf	23.05M	17.716M	22.45M	17.666M	21.975M	17.716M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.38M	13.883M	15.765M	13.883M	15.885M	13.838M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.68M	4.218M	3.86M	4.278M	3.84M	4.318M
5745MHz	Pass	500k	17.65M	17.791M	17.6M	17.841M	17.65M	17.716M
5785MHz	Pass	500k	17.675M	17.816M	17.65M	17.841M	17.725M	17.791M
5825MHz	Pass	500k	17.625M	17.791M	17.65M	18.141M	17.55M	17.766M
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	43.15M	36.132M	42.85M	36.332M	45.3M	36.482M
5230MHz	Pass	Inf	42.7M	36.332M	44.3M	36.332M	67.1M	36.532M
5270MHz	Pass	Inf	43.55M	36.332M	44.1M	36.282M	43.15M	36.132M
5310MHz	Pass	Inf	42.8M	36.232M	44.45M	36.282M	42.8M	36.182M
5510MHz	Pass	Inf	43.6M	36.232M	42.8M	36.032M	44.25M	36.632M
5550MHz	Pass	Inf	42.85M	36.382M	43.25M	36.282M	43.1M	36.232M
5670MHz	Pass	Inf	42.6M	35.982M	43.3M	36.282M	43.2M	36.132M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	37.415M	33.093M	36.82M	32.919M	36.575M	33.058M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.18M	4.038M	3.22M	4.218M	3.14M	4.018M
5755MHz	Pass	500k	35.7M	36.282M	36.4M	36.532M	36.35M	36.482M
5795MHz	Pass	500k	36.55M	36.782M	35.95M	36.582M	36.35M	36.332M
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	86.7M	75.762M	86.7M	75.662M	84M	75.762M
5290MHz	Pass	Inf	85.2M	75.562M	85.1M	75.762M	85.6M	75.762M
5530MHz	Pass	Inf	84.6M	75.862M	85.9M	75.762M	84.9M	75.762M
5610MHz	Pass	Inf	83.4M	75.562M	87.9M	75.762M	85.3M	75.662M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.725M	72.489M	77.25M	72.564M	77.55M	72.639M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	6.017M	3.14M	5.897M	3.16M	5.917M
5775MHz	Pass	500k	75.6M	75.762M	75M	75.762M	74.2M	75.662M

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

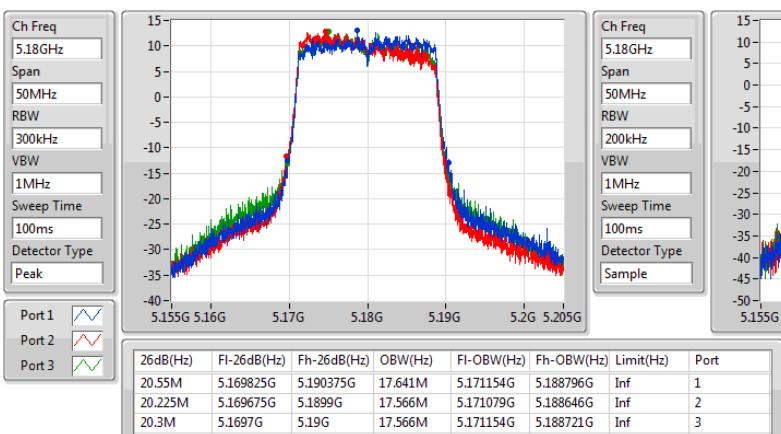
Port X-OBW = Port X 99% occupied bandwidth;



## 802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

EBW

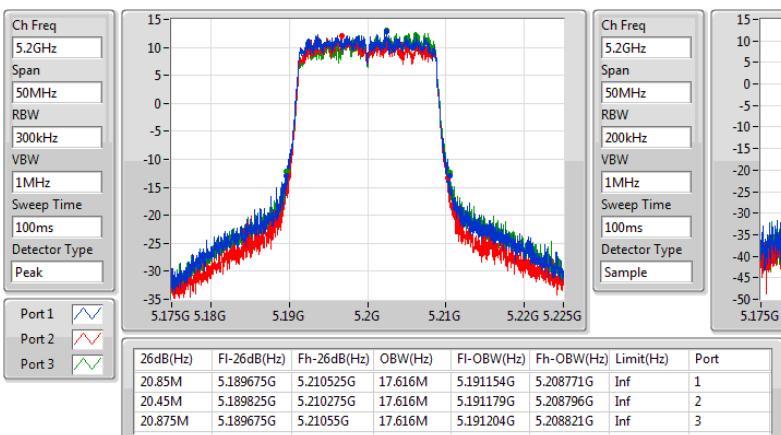
## 5180MHz



## 802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

EBW

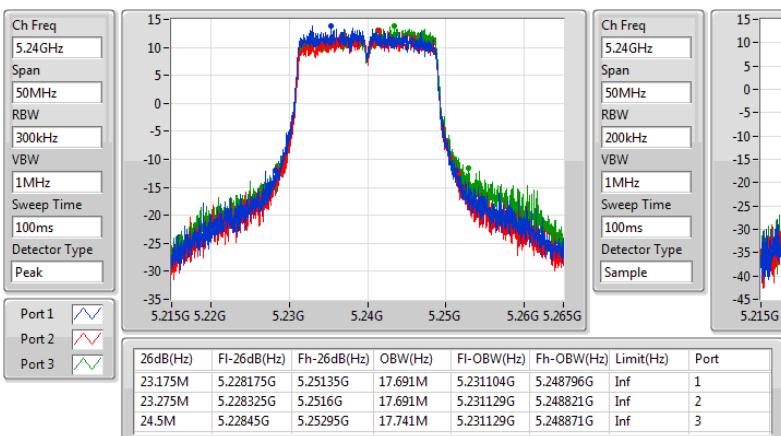
## 5200MHz



## 802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

EBW

## 5240MHz

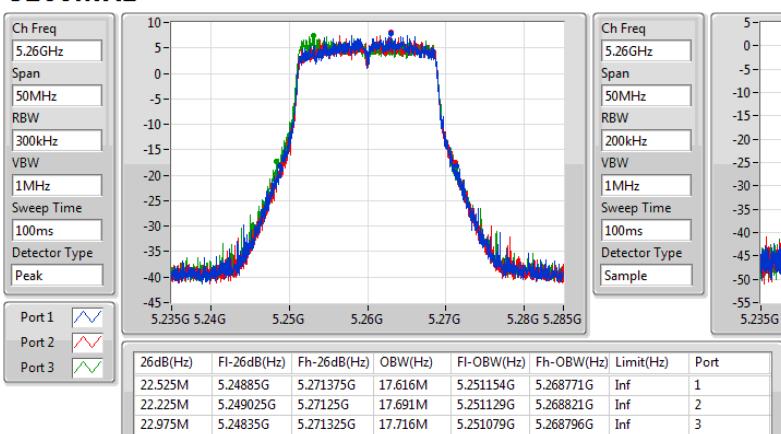




## 802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

EBW

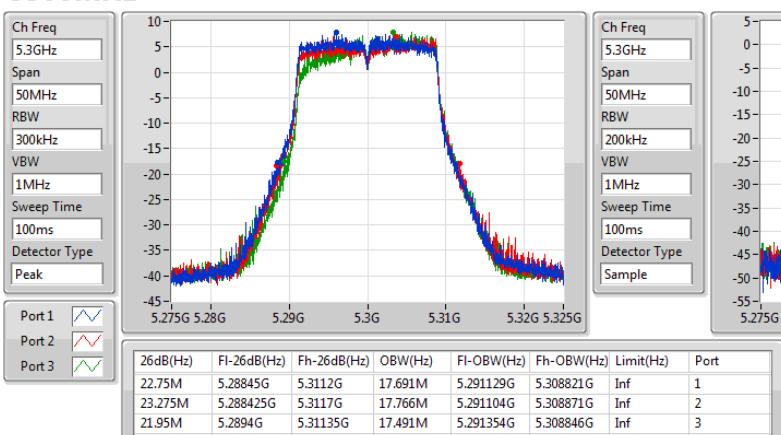
## 5260MHz



## 802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

EBW

## 5300MHz



## 802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

EBW

## 5320MHz

