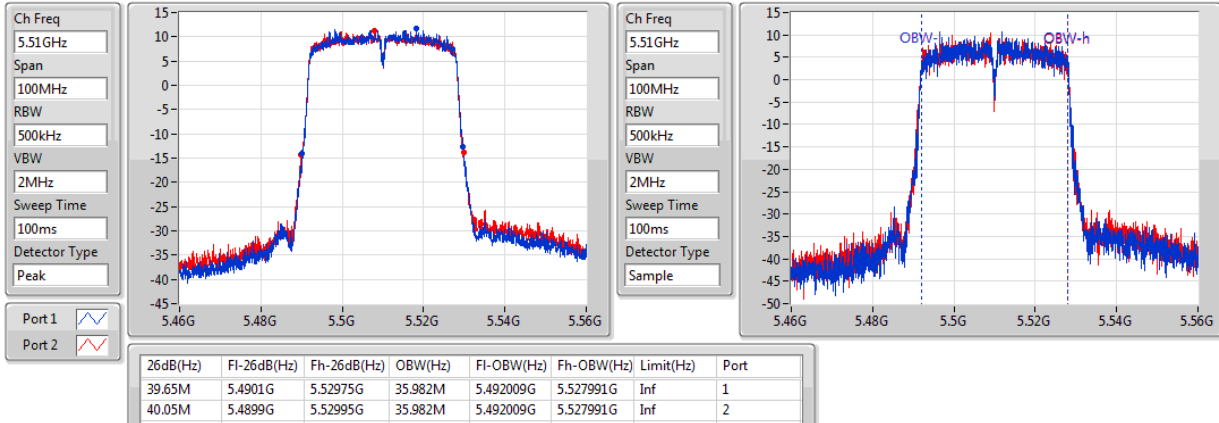


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

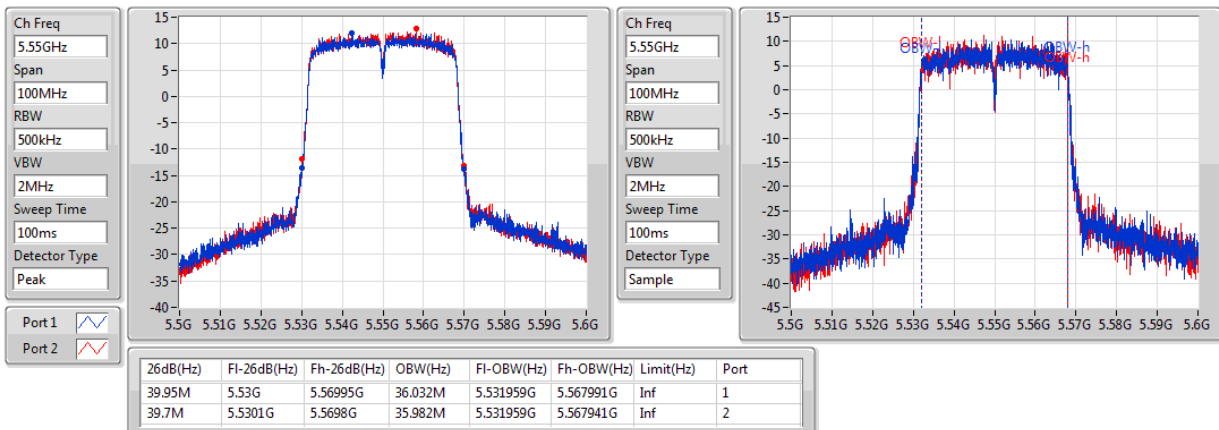
5510MHz



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

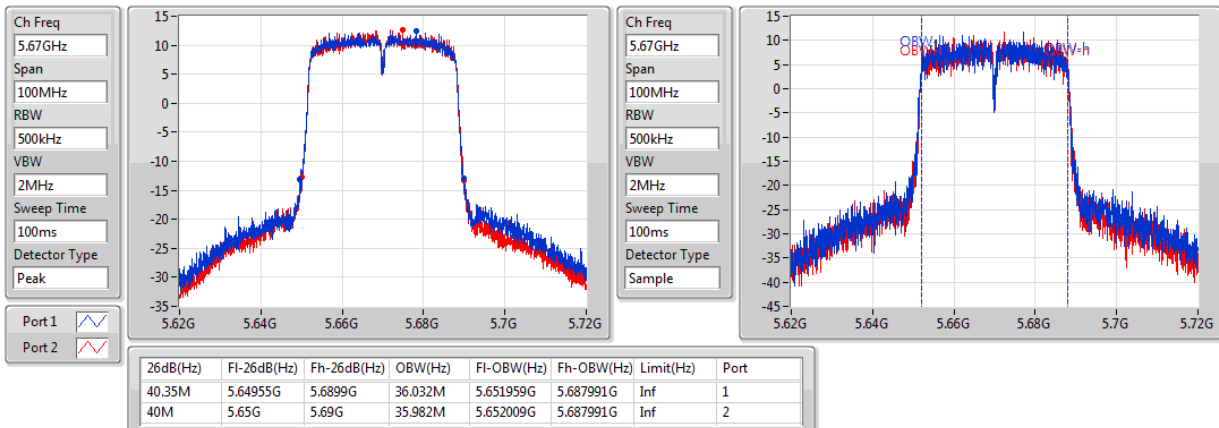
5550MHz



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

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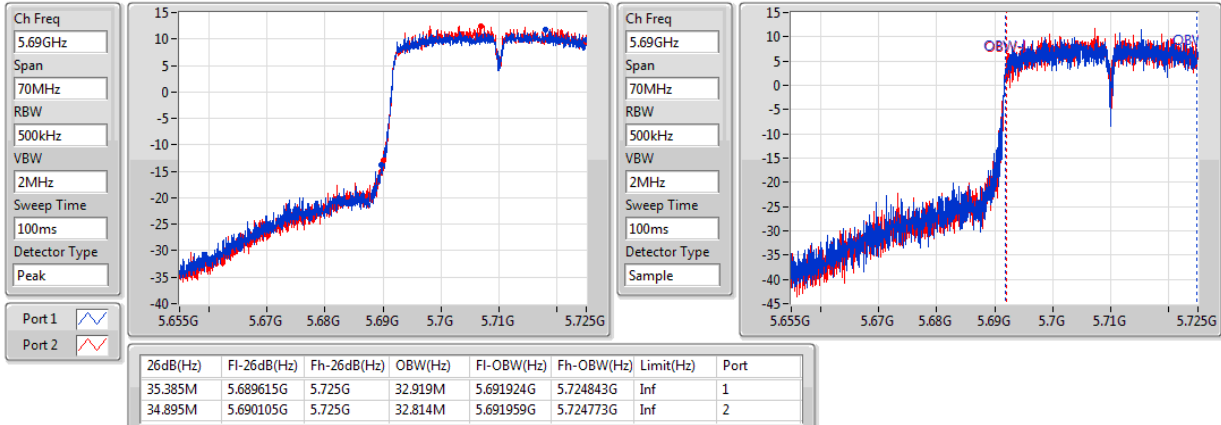
5670MHz



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

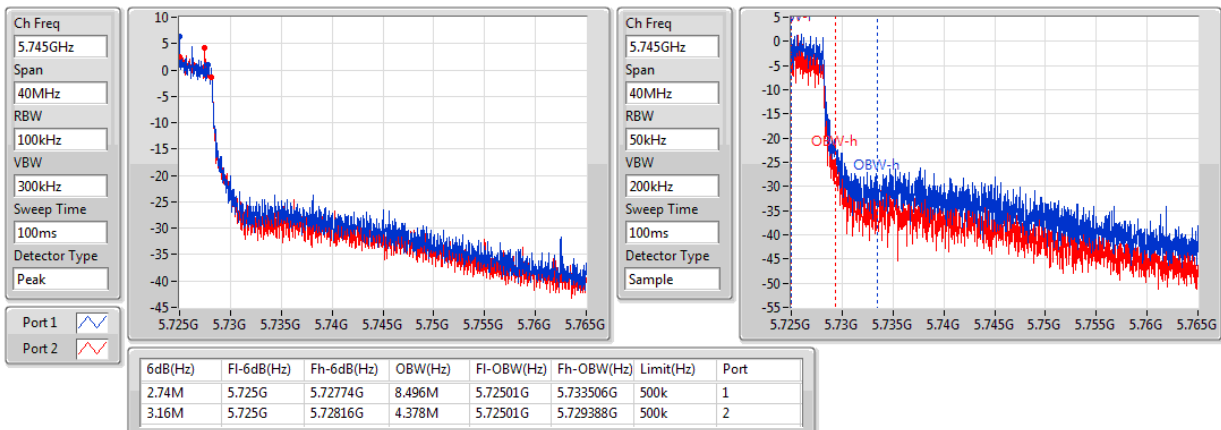
5710MHz Straddle 5.47-5.725GHz



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

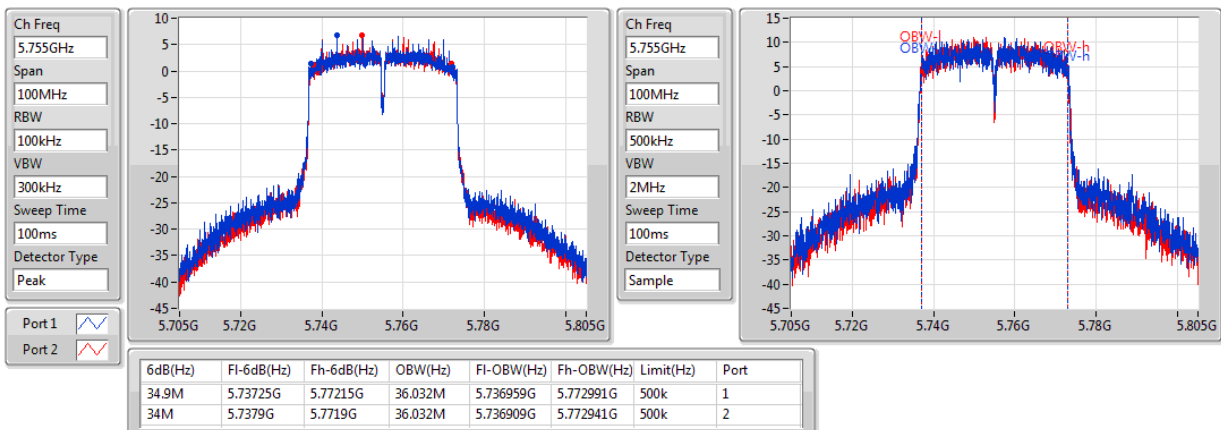
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

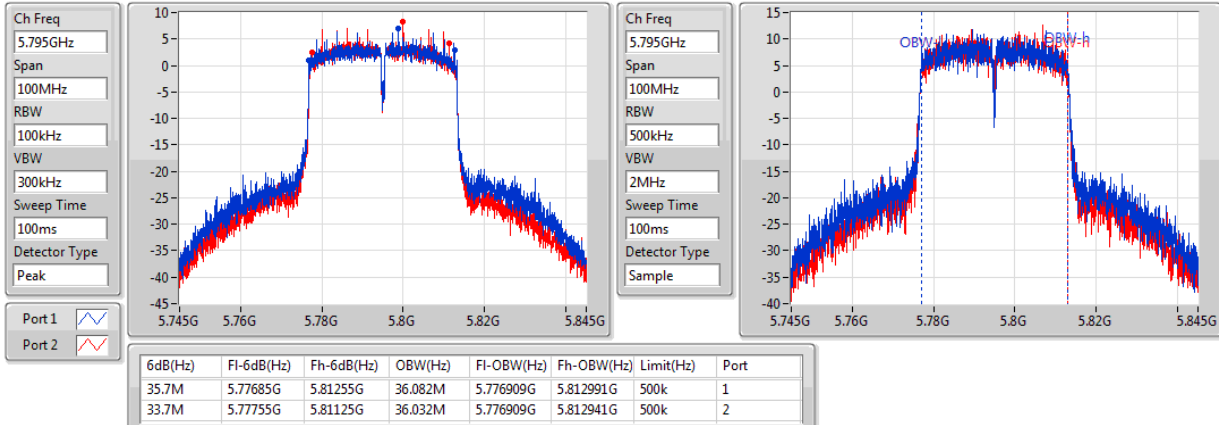
5755MHz



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

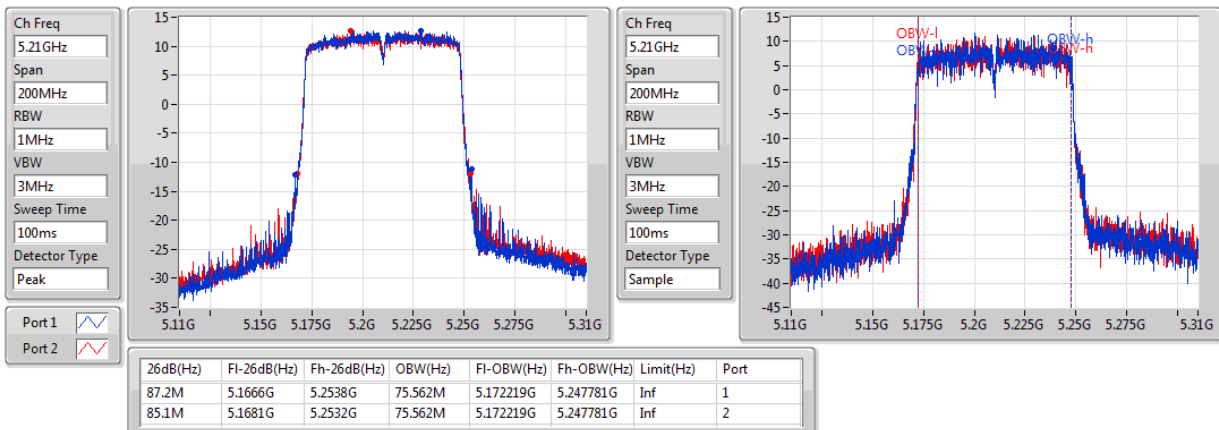
5795MHz



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

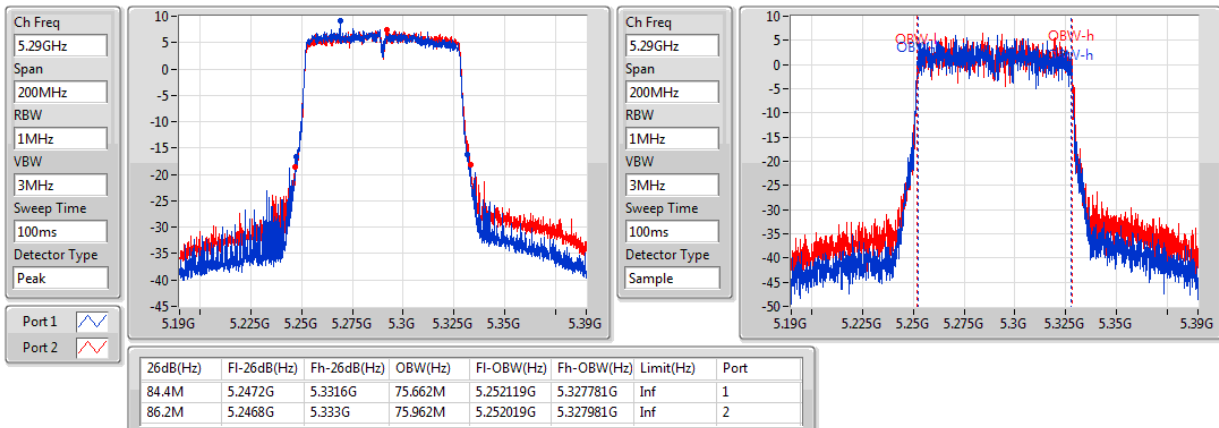
5210MHz



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5290MHz

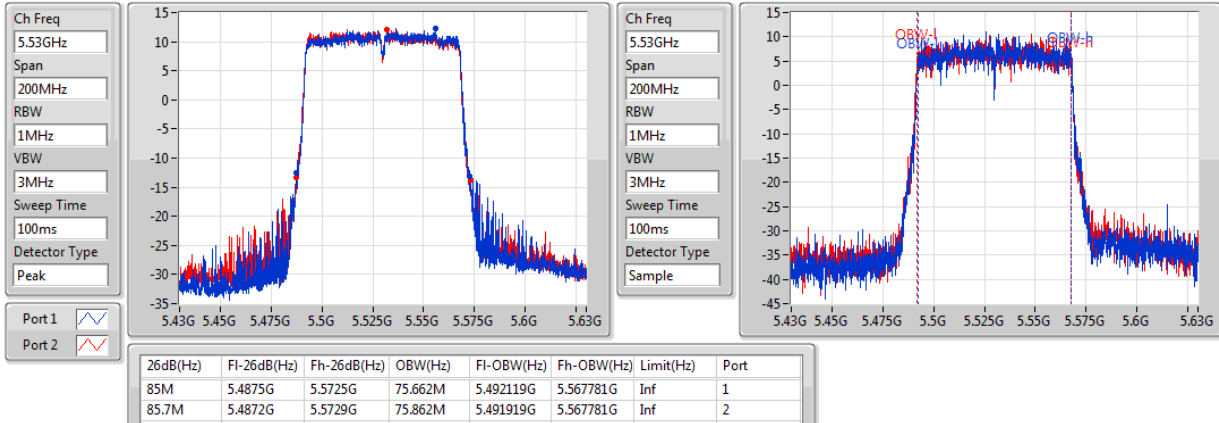




802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

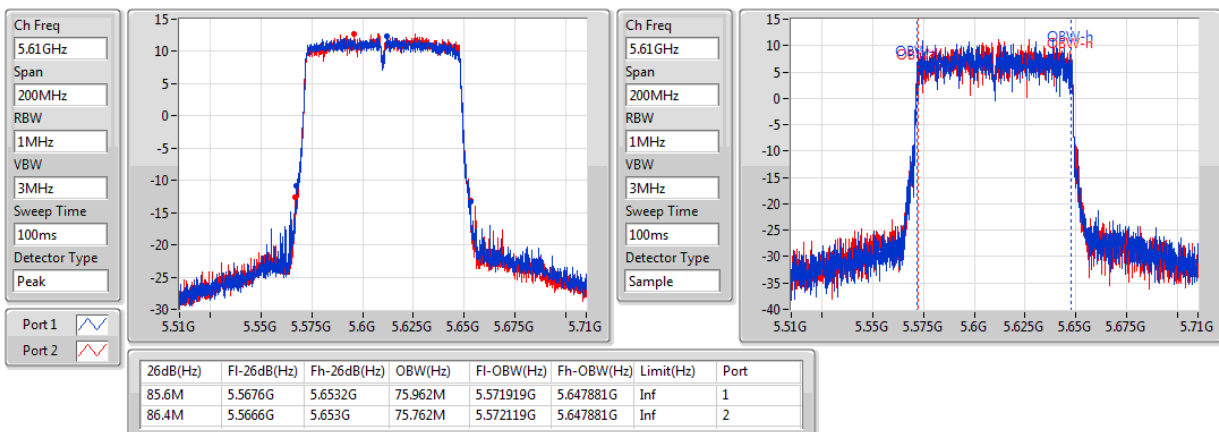
5530MHz



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

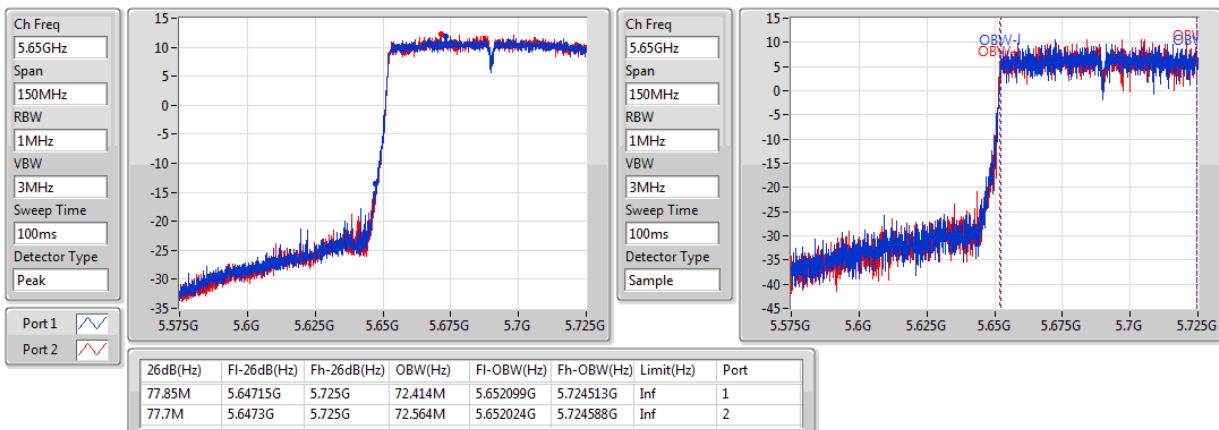
5610MHz



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

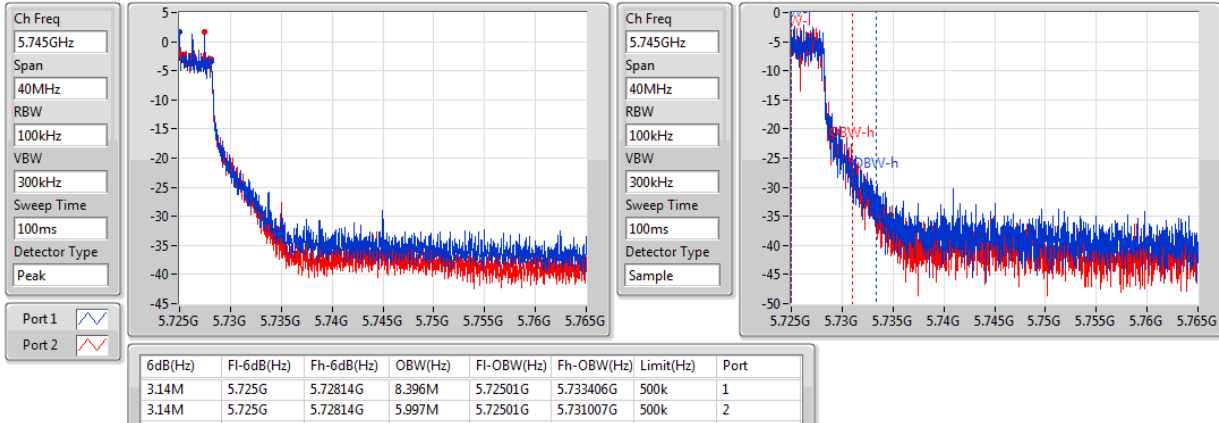




802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

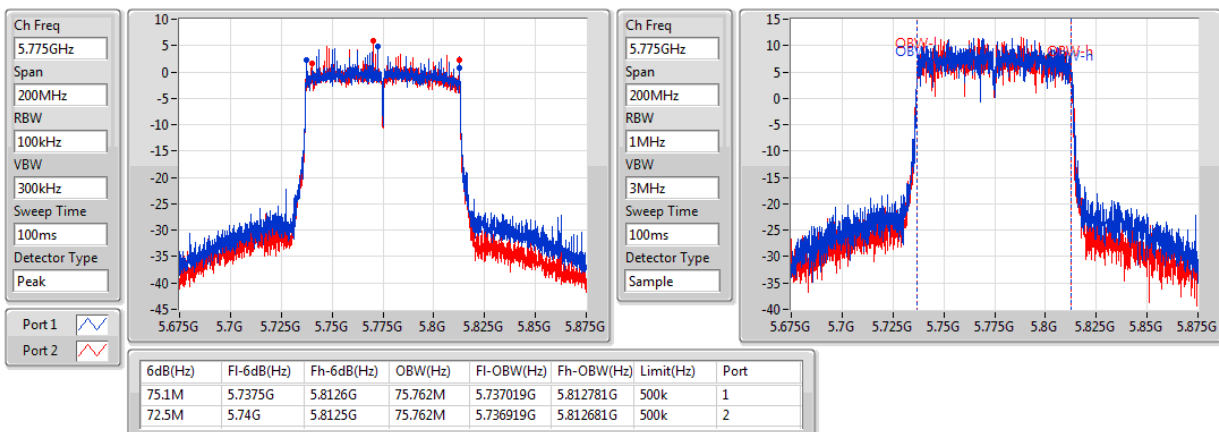
5690MHz Straddle 5.725-5.85GHz



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5775MHz





For Set 6 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	19.95M	16.442M	16M4D1D	19.3M	16.392M
5.25-5.35GHz	19.575M	16.417M	16M4D1D	19.25M	16.367M
5.47-5.725GHz	19.875M	16.417M	16M4D1D	14.61M	13.163M
5.725-5.85GHz	16.325M	16.467M	16M5D1D	3.14M	3.418M
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-
5.15-5.25GHz	21.225M	17.641M	17M6D1D	20.675M	17.591M
5.25-5.35GHz	20.7M	17.641M	17M6D1D	20.3M	17.591M
5.47-5.725GHz	20.775M	17.616M	17M6D1D	15.09M	13.778M
5.725-5.85GHz	17.55M	17.666M	17M7D1D	3.74M	3.938M
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-
5.15-5.25GHz	40.05M	35.982M	36M0D1D	39.4M	35.932M
5.25-5.35GHz	40.05M	36.032M	36M0D1D	39.35M	35.932M
5.47-5.725GHz	39.85M	36.032M	36M0D1D	34.93M	32.779M
5.725-5.85GHz	35.3M	36.082M	36M1D1D	3.16M	3.478M
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-
5.15-5.25GHz	87M	75.762M	75M8D1D	84.1M	75.762M
5.25-5.35GHz	86.5M	75.762M	75M8D1D	85M	75.662M
5.47-5.725GHz	87.7M	75.862M	75M9D1D	77.475M	72.414M
5.725-5.85GHz	75.5M	75.862M	75M9D1D	3.1M	5.477M

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	19.65M	16.392M	19.95M	16.392M	19.65M	16.442M
5200MHz	Pass	Inf	19.625M	16.417M	19.6M	16.417M	19.75M	16.417M
5240MHz	Pass	Inf	19.45M	16.417M	19.3M	16.392M	19.7M	16.417M
5260MHz	Pass	Inf	19.275M	16.392M	19.4M	16.392M	19.25M	16.392M
5300MHz	Pass	Inf	19.3M	16.392M	19.375M	16.367M	19.575M	16.417M
5320MHz	Pass	Inf	19.325M	16.417M	19.525M	16.417M	19.375M	16.417M
5500MHz	Pass	Inf	19.275M	16.392M	19.5M	16.417M	19.45M	16.392M
5580MHz	Pass	Inf	19.25M	16.392M	19.325M	16.417M	19.6M	16.392M
5700MHz	Pass	Inf	19.875M	16.417M	19.775M	16.392M	19.675M	16.417M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.61M	13.163M	14.775M	13.178M	14.73M	13.178M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	3.418M	3.14M	3.458M	3.16M	3.438M
5745MHz	Pass	500k	16.3M	16.442M	16.3M	16.442M	16.3M	16.467M
5785MHz	Pass	500k	16.325M	16.417M	16.3M	16.467M	16.325M	16.442M
5825MHz	Pass	500k	16.3M	16.442M	16.3M	16.467M	16.325M	16.442M
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	20.825M	17.616M	20.675M	17.616M	20.9M	17.641M
5200MHz	Pass	Inf	20.875M	17.616M	20.7M	17.616M	21.225M	17.616M
5240MHz	Pass	Inf	20.75M	17.616M	20.875M	17.591M	21M	17.616M
5260MHz	Pass	Inf	20.7M	17.616M	20.525M	17.641M	20.4M	17.616M
5300MHz	Pass	Inf	20.375M	17.591M	20.7M	17.641M	20.425M	17.616M
5320MHz	Pass	Inf	20.3M	17.641M	20.45M	17.641M	20.525M	17.616M
5500MHz	Pass	Inf	20.65M	17.616M	20.575M	17.616M	20.225M	17.616M
5580MHz	Pass	Inf	20.5M	17.591M	20.625M	17.616M	20.35M	17.591M
5700MHz	Pass	Inf	20.6M	17.566M	20.425M	17.616M	20.775M	17.616M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.12M	13.778M	15.09M	13.838M	15.27M	13.808M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.78M	3.938M	3.74M	3.978M	3.78M	3.978M
5745MHz	Pass	500k	17.55M	17.616M	17.5M	17.616M	17.55M	17.666M
5785MHz	Pass	500k	17.15M	17.641M	17.525M	17.666M	17.55M	17.616M
5825MHz	Pass	500k	17.05M	17.641M	17.55M	17.641M	17.55M	17.641M
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.95M	35.932M	40.05M	35.982M	39.7M	35.982M
5230MHz	Pass	Inf	39.4M	35.932M	39.8M	35.932M	39.75M	35.982M
5270MHz	Pass	Inf	39.65M	35.982M	40.05M	36.032M	39.4M	36.032M
5310MHz	Pass	Inf	39.85M	35.982M	39.65M	35.932M	39.35M	35.932M
5510MHz	Pass	Inf	39.65M	35.882M	39.8M	35.882M	39.55M	36.032M
5550MHz	Pass	Inf	39.55M	35.982M	39.75M	35.982M	39.85M	35.932M
5670MHz	Pass	Inf	39.45M	35.932M	39.7M	35.882M	39.7M	35.882M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35M	32.779M	34.93M	32.814M	35.105M	32.884M



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)
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.16M	3.478M	3.18M	3.498M	3.16M	3.498M
5755MHz	Pass	500k	35M	35.982M	33.85M	36.032M	34.4M	36.082M
5795MHz	Pass	500k	35.3M	35.832M	35.2M	35.932M	33.75M	36.032M
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	84.7M	75.762M	87M	75.762M	84.1M	75.762M
5290MHz	Pass	Inf	86.5M	75.762M	86.2M	75.662M	85M	75.662M
5530MHz	Pass	Inf	85.1M	75.762M	86.2M	75.662M	87.4M	75.662M
5610MHz	Pass	Inf	85.1M	75.862M	85.5M	75.762M	87.7M	75.762M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	77.475M	72.564M	77.475M	72.414M	80.625M	72.414M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	5.477M	3.16M	5.937M	3.1M	5.617M
5775MHz	Pass	500k	70.1M	75.662M	74.7M	75.862M	75.5M	75.762M

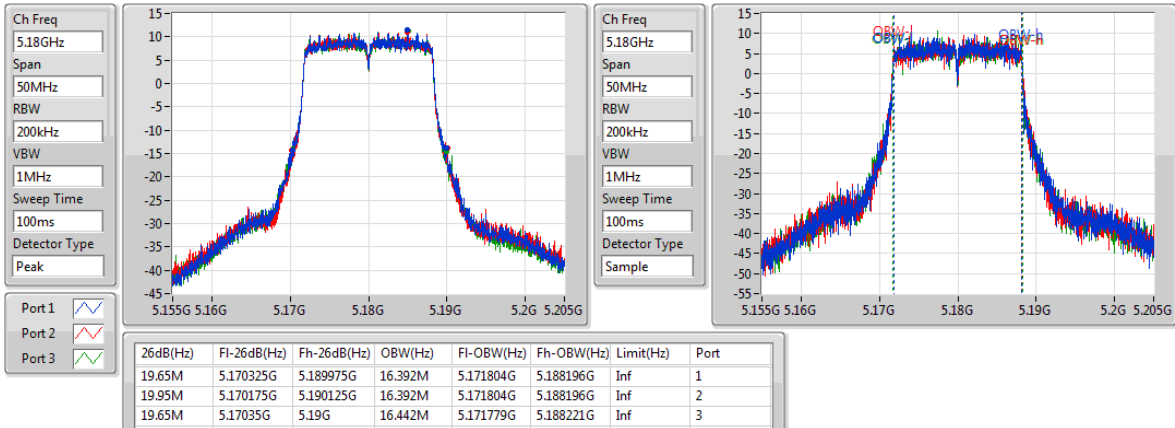
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

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

802.11a_(6Mbps)_3TX

EBW

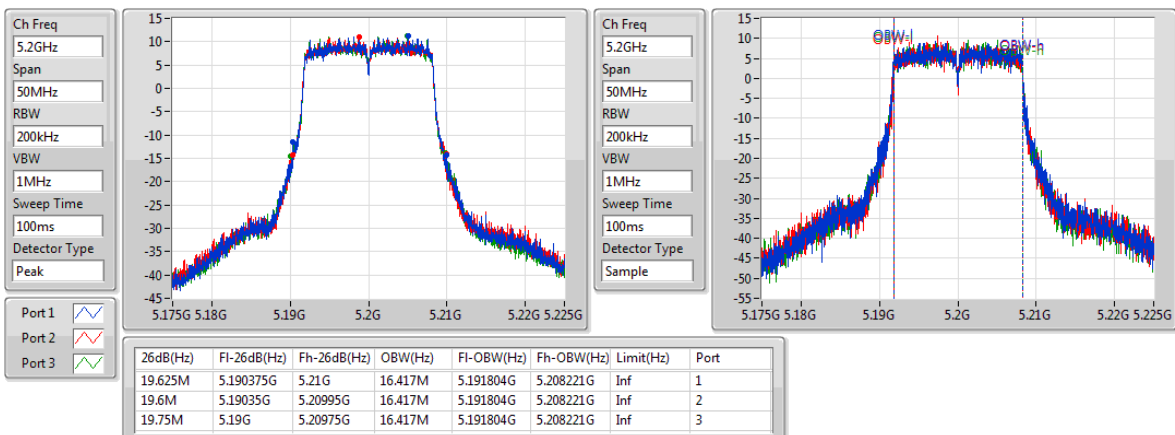
5180MHz



802.11a_(6Mbps)_3TX

EBW

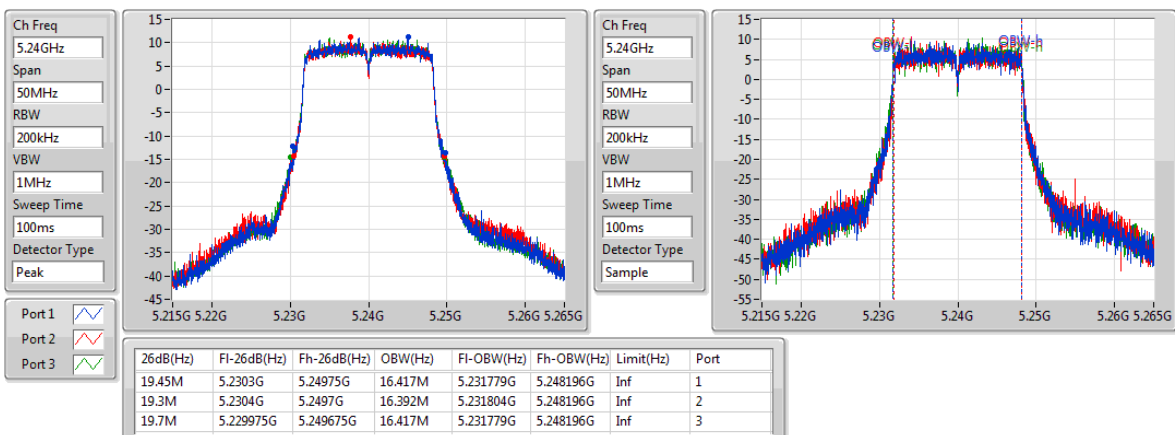
5200MHz



802.11a_(6Mbps)_3TX

EBW

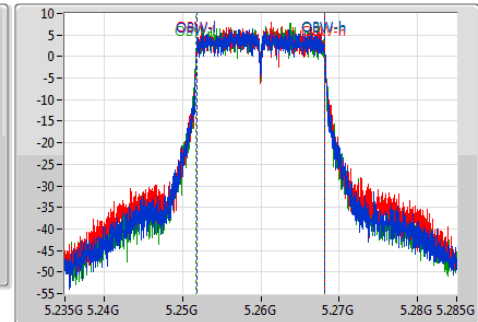
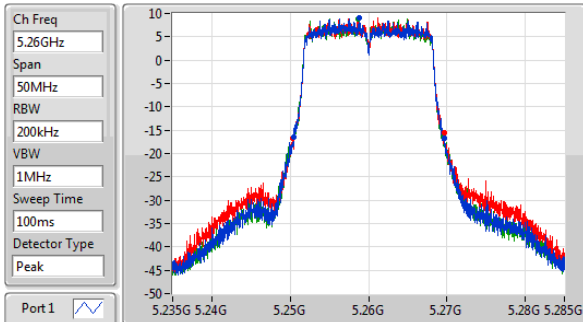
5240MHz



802.11a_(6Mbps)_3TX

EBW

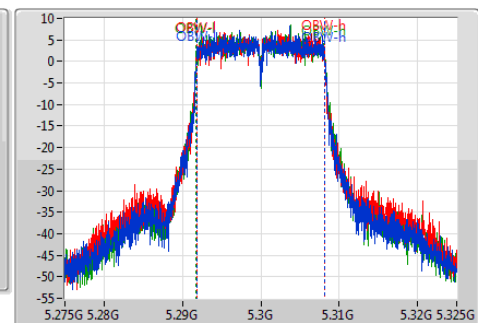
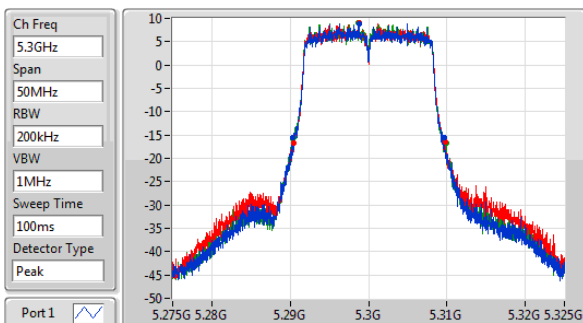
5260MHz



802.11a_(6Mbps)_3TX

EBW

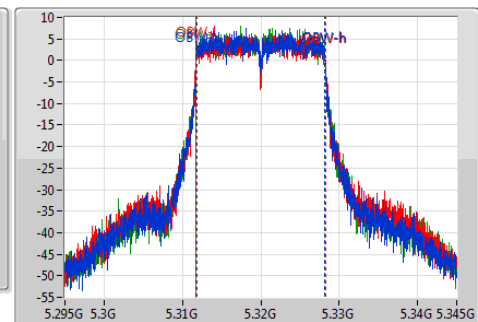
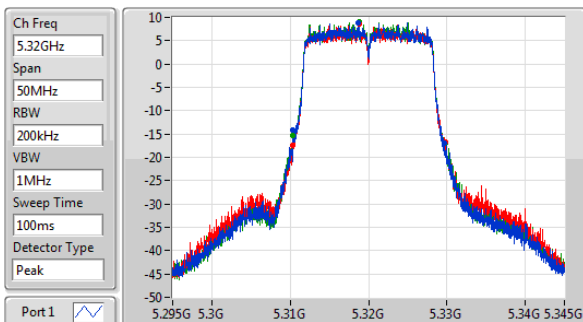
5300MHz



802.11a_(6Mbps)_3TX

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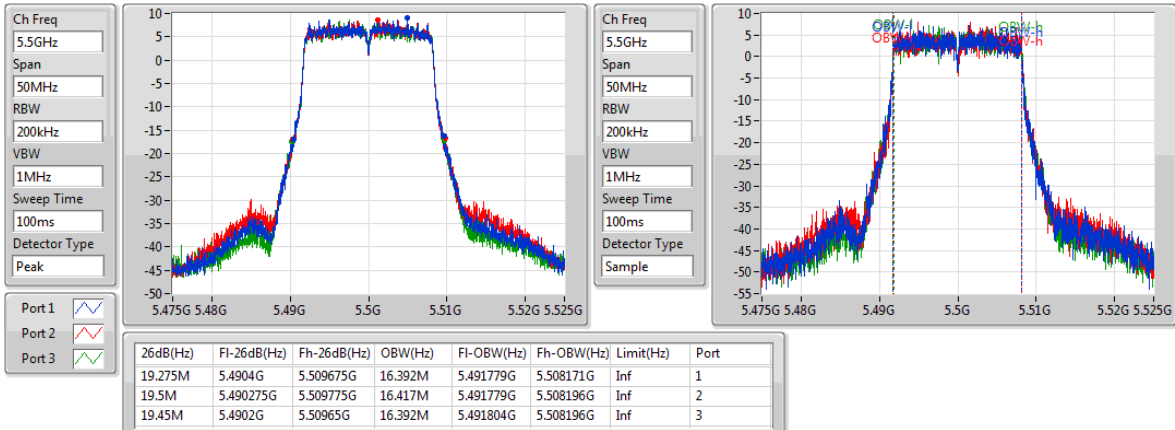
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802.11a_(6Mbps)_3TX

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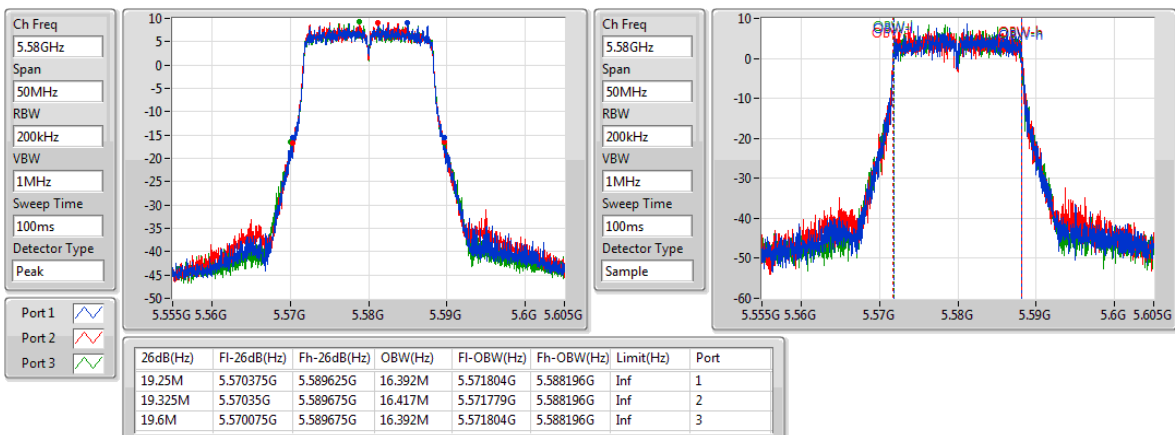
5500MHz



802.11a_(6Mbps)_3TX

EBW

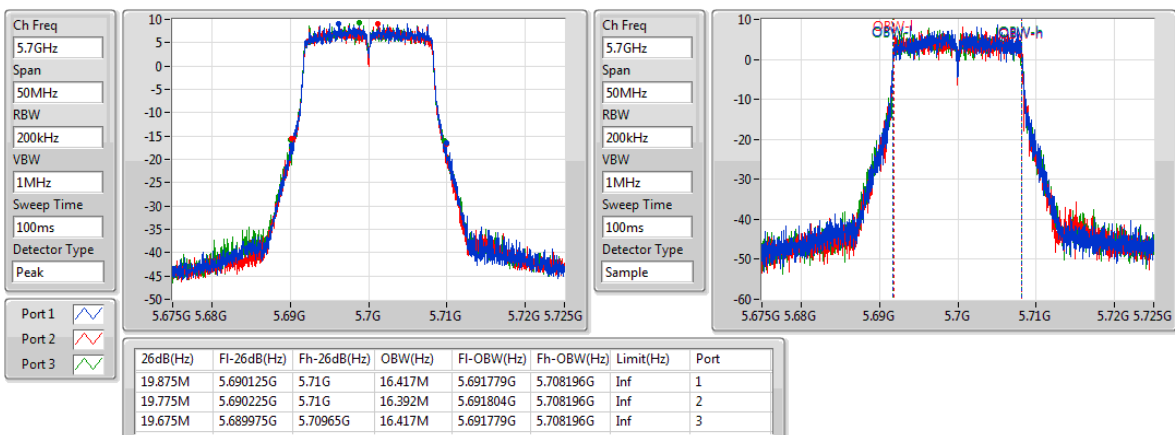
5580MHz



802.11a_(6Mbps)_3TX

EBW

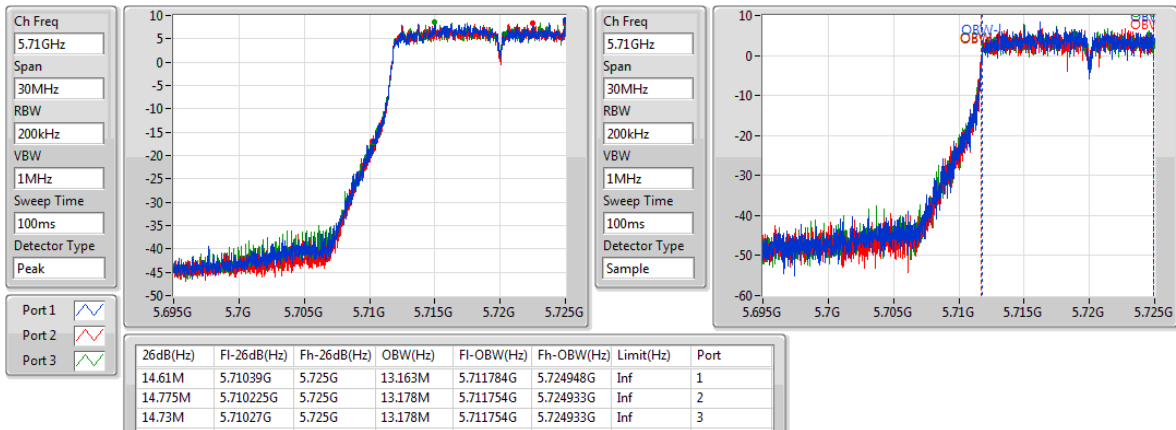
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802.11a_(6Mbps)_3TX

EBW

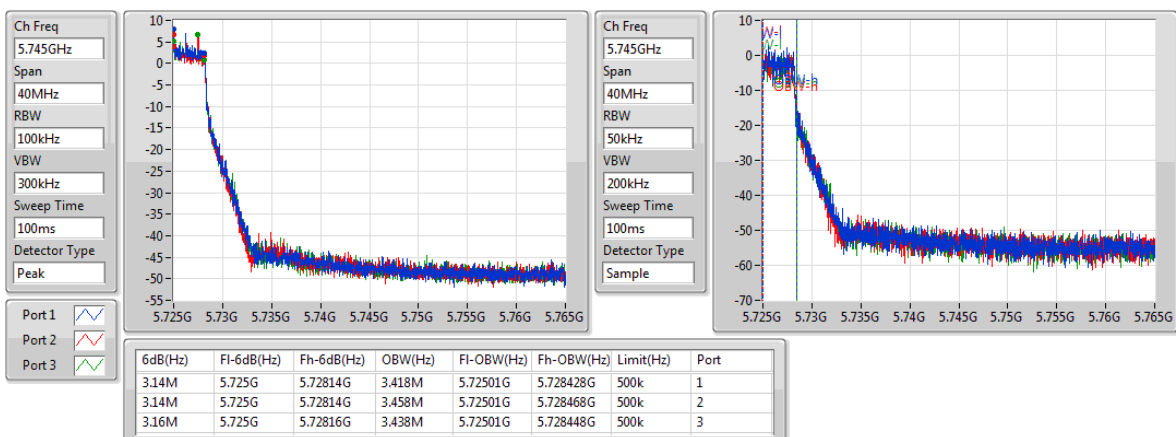
5720MHz Straddle 5.47-5.725GHz



802.11a_(6Mbps)_3TX

EBW

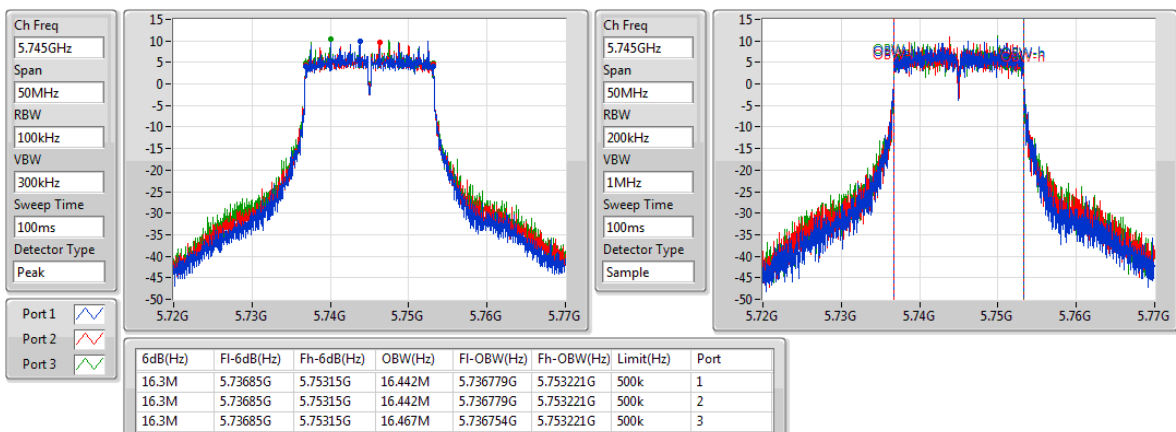
5720MHz Straddle 5.725-5.85GHz



802.11a_(6Mbps)_3TX

EBW

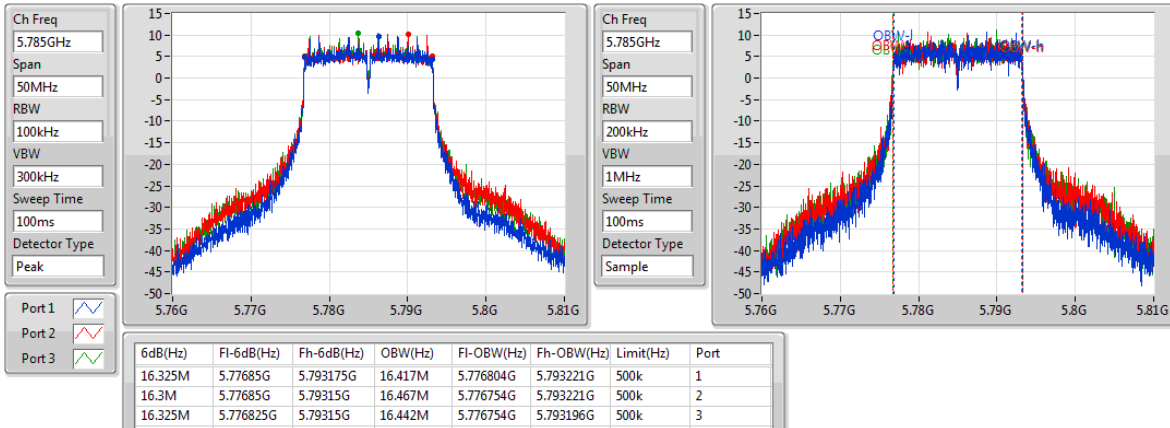
5745MHz



802.11a_(6Mbps)_3TX

EBW

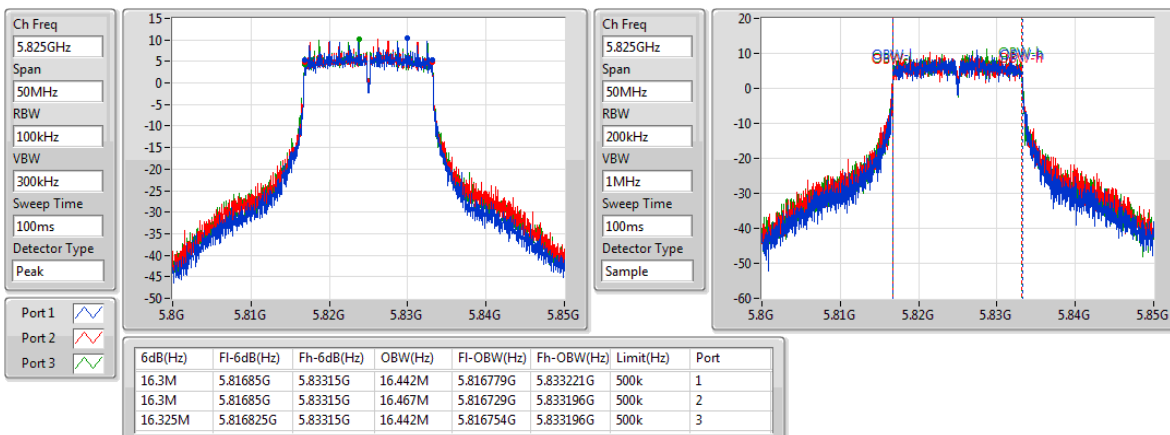
5785MHz



802.11a_(6Mbps)_3TX

EBW

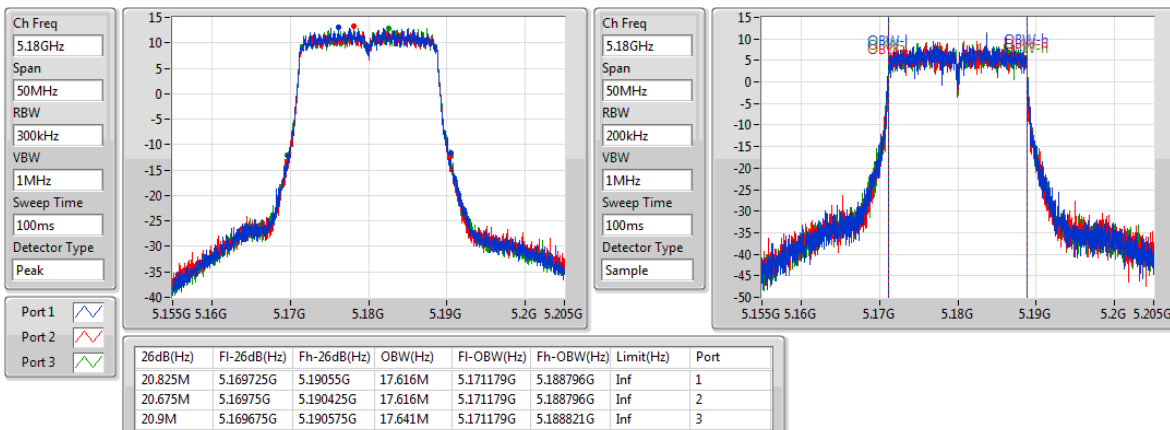
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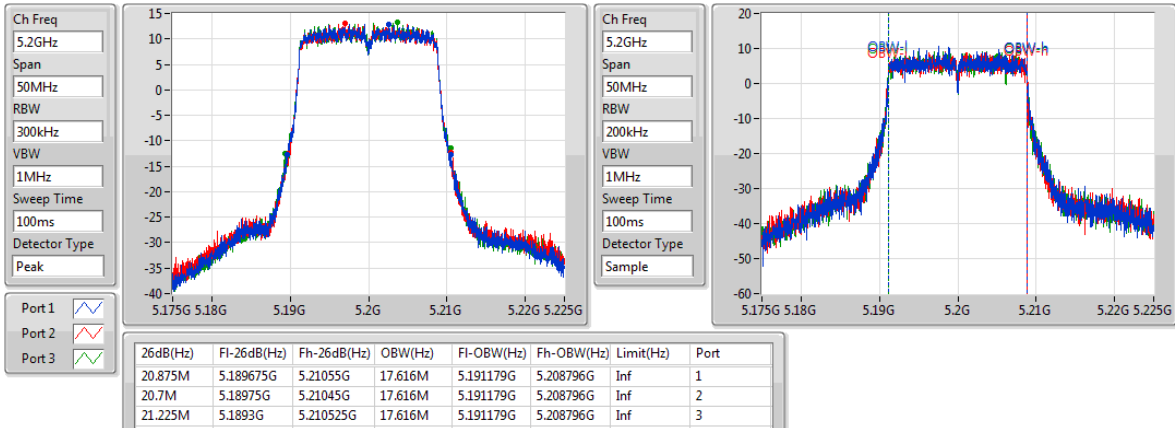
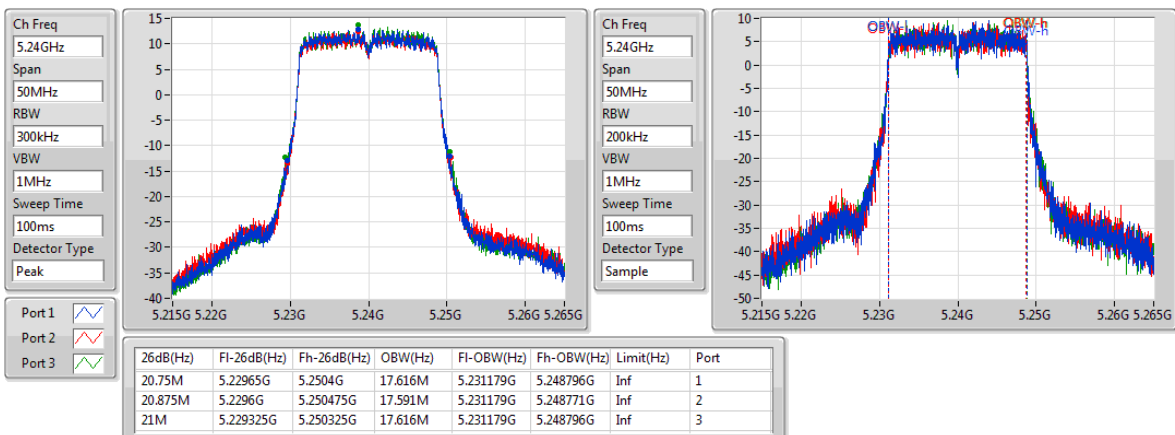
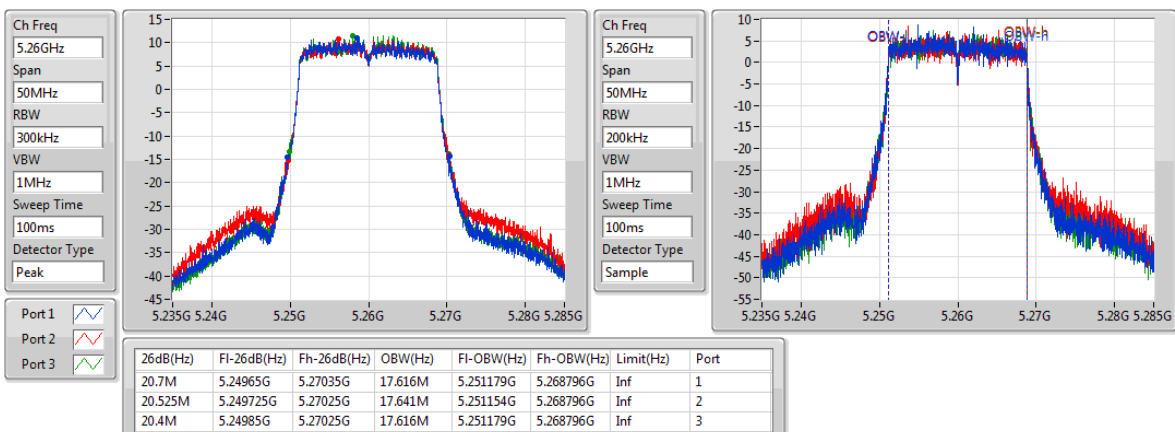


802.11ac VHT20_Nss1,(MCS0)_3TX

EBW

5180MHz

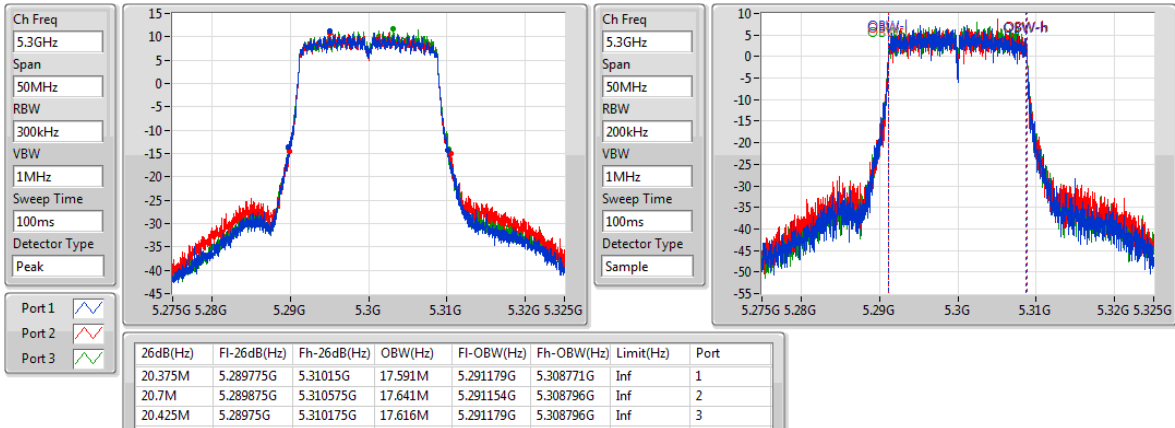


802.11ac VHT20_Nss1,(MCS0)_3TX
EBW
5200MHz

802.11ac VHT20_Nss1,(MCS0)_3TX
EBW
5240MHz

802.11ac VHT20_Nss1,(MCS0)_3TX
EBW
5260MHz


802.11ac VHT20_Nss1,(MCS0)_3TX

EBW

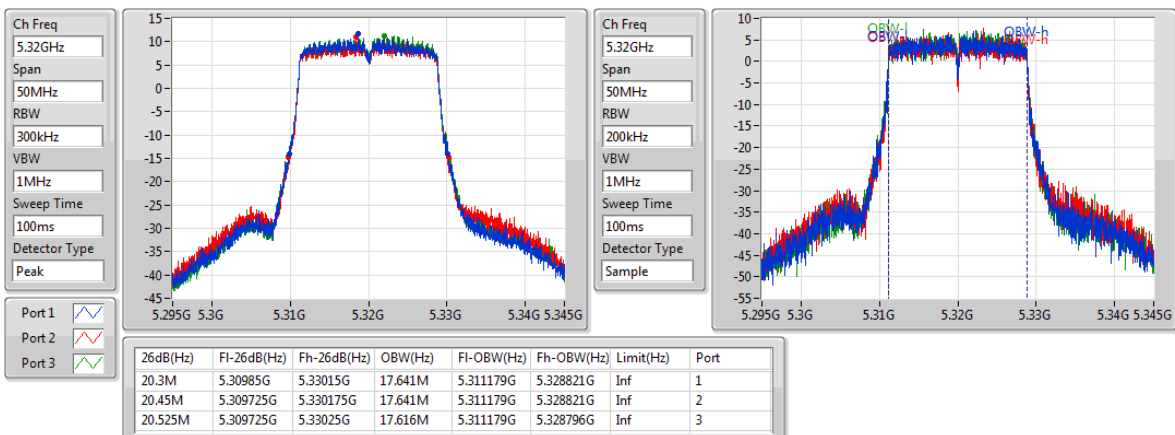
5300MHz



802.11ac VHT20_Nss1,(MCS0)_3TX

EBW

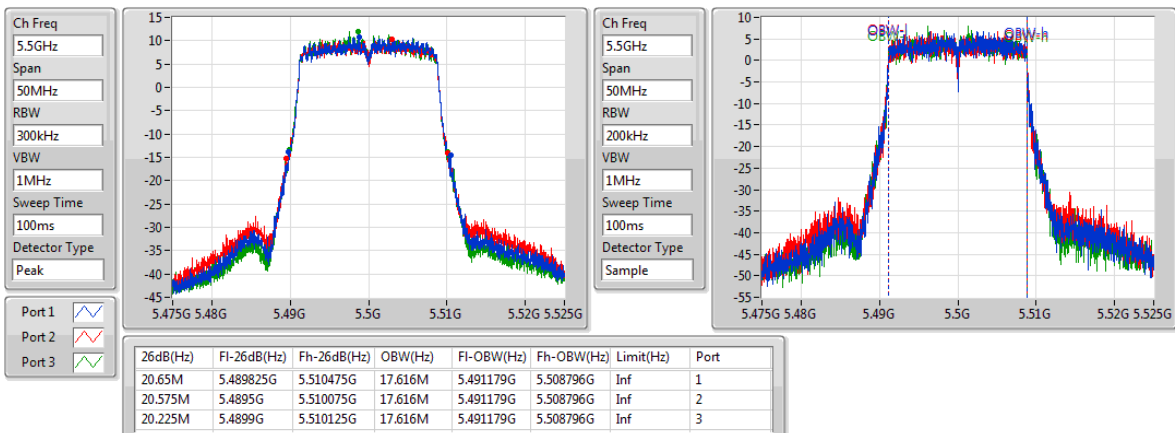
5320MHz



802.11ac VHT20_Nss1,(MCS0)_3TX

EBW

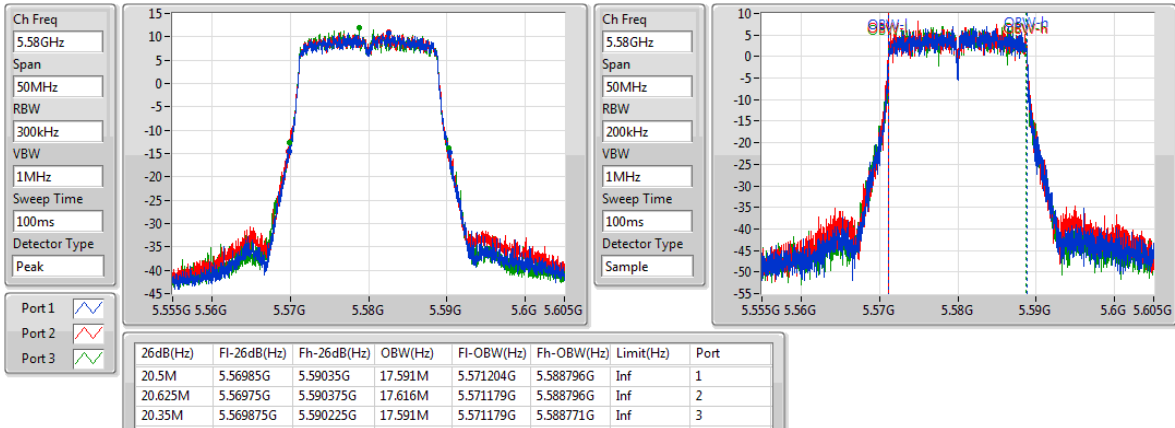
5500MHz



802.11ac VHT20_Nss1,(MCS0)_3TX

EBW

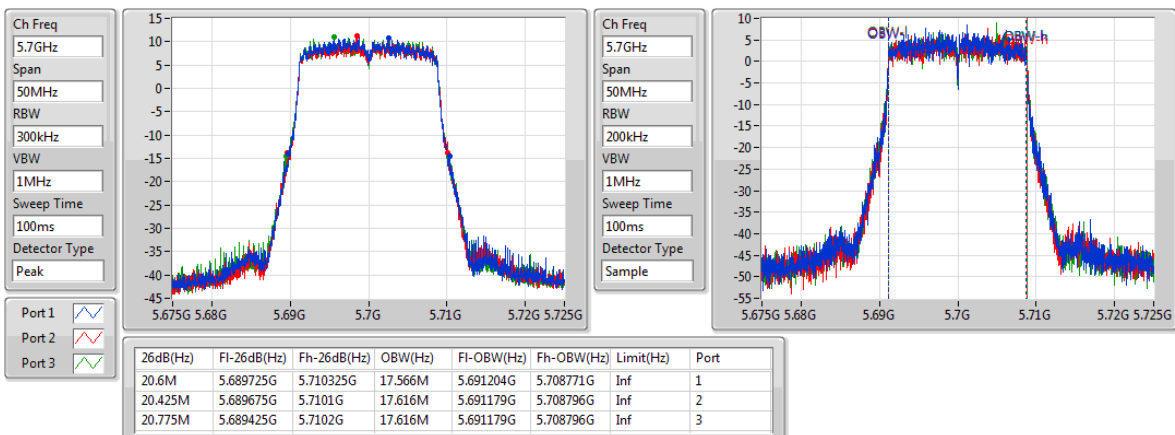
5580MHz



802.11ac VHT20_Nss1,(MCS0)_3TX

EBW

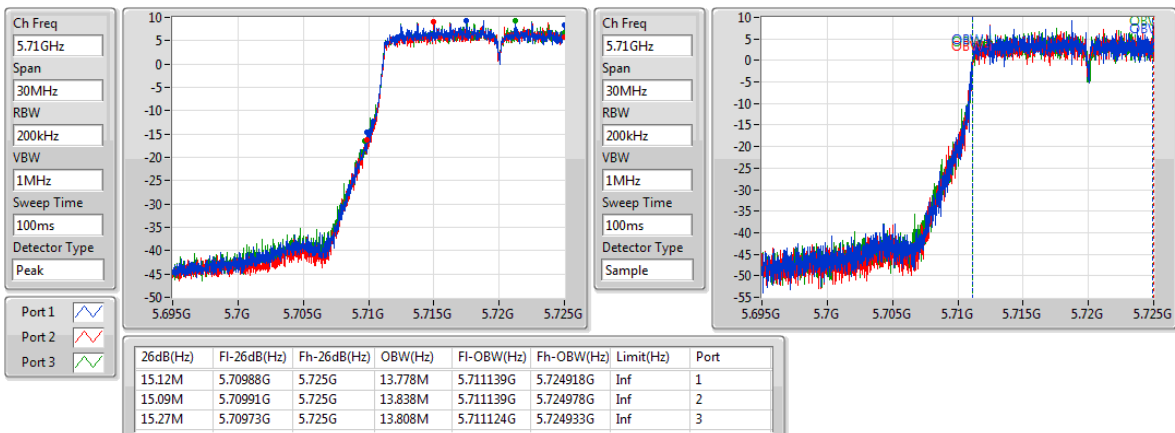
5700MHz



802.11ac VHT20_Nss1,(MCS0)_3TX

EBW

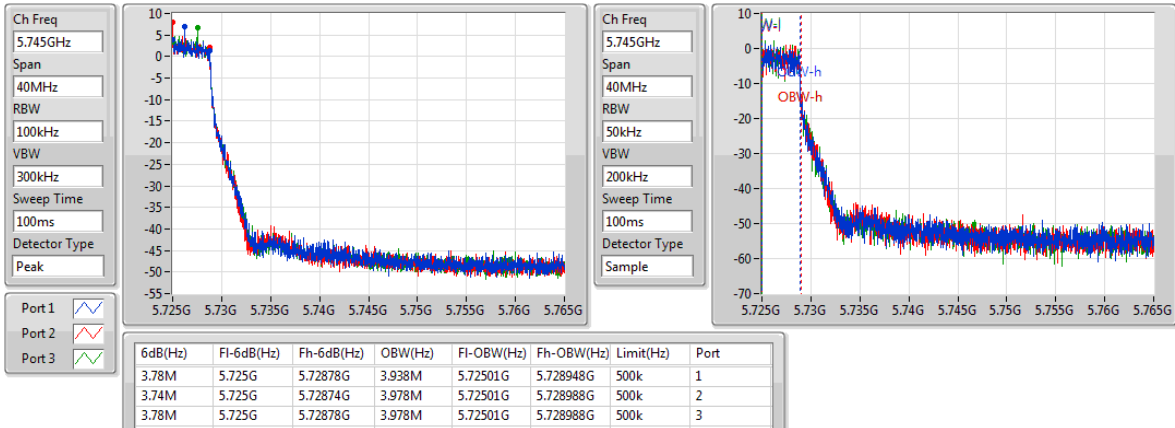
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20_Nss1,(MCS0)_3TX

EBW

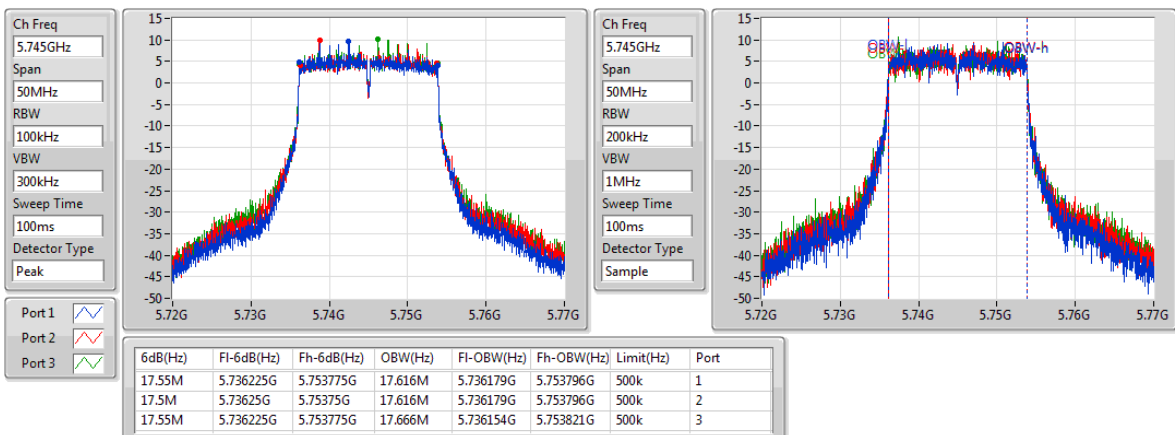
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20_Nss1,(MCS0)_3TX

EBW

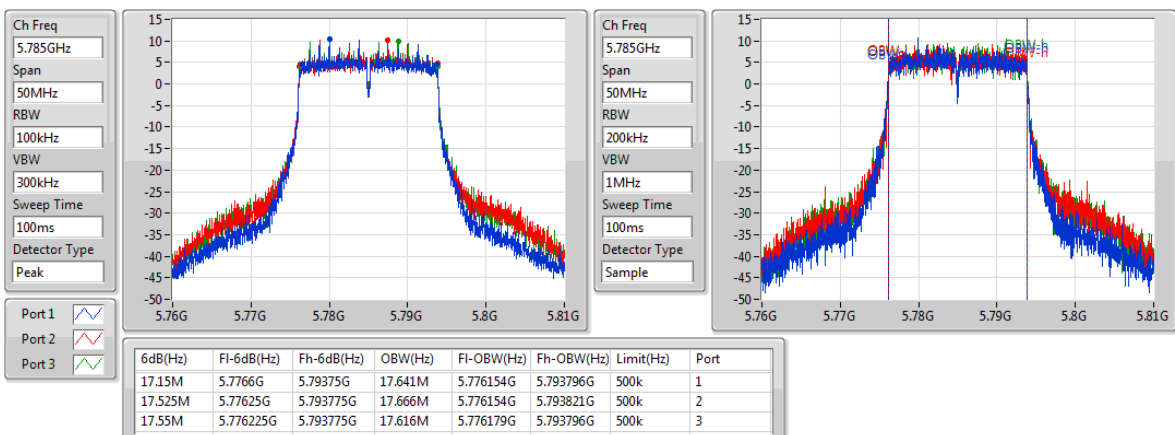
5745MHz



802.11ac VHT20_Nss1,(MCS0)_3TX

EBW

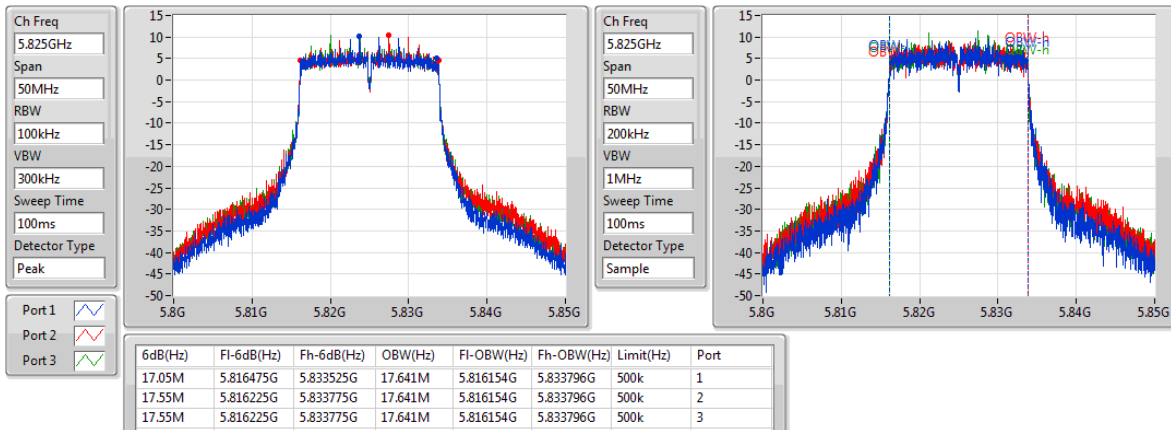
5785MHz



802.11ac VHT20_Nss1,(MCS0)_3TX

EBW

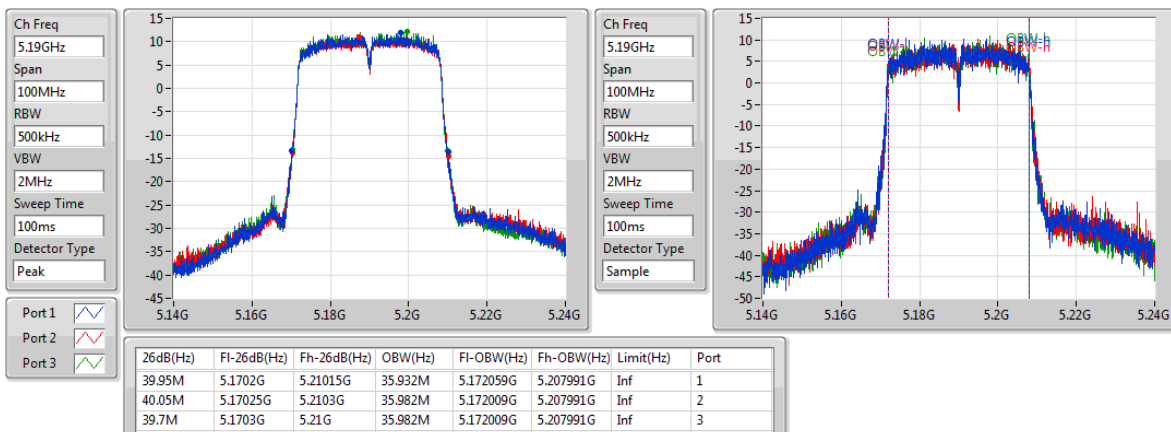
5825MHz



802.11ac VHT40_Nss1,(MCS0)_3TX

EBW

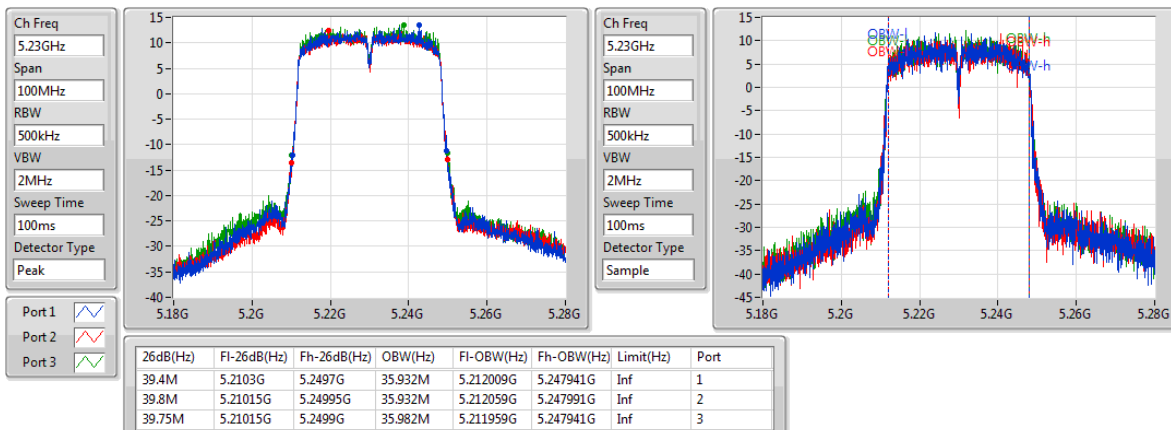
5190MHz



802.11ac VHT40_Nss1,(MCS0)_3TX

EBW

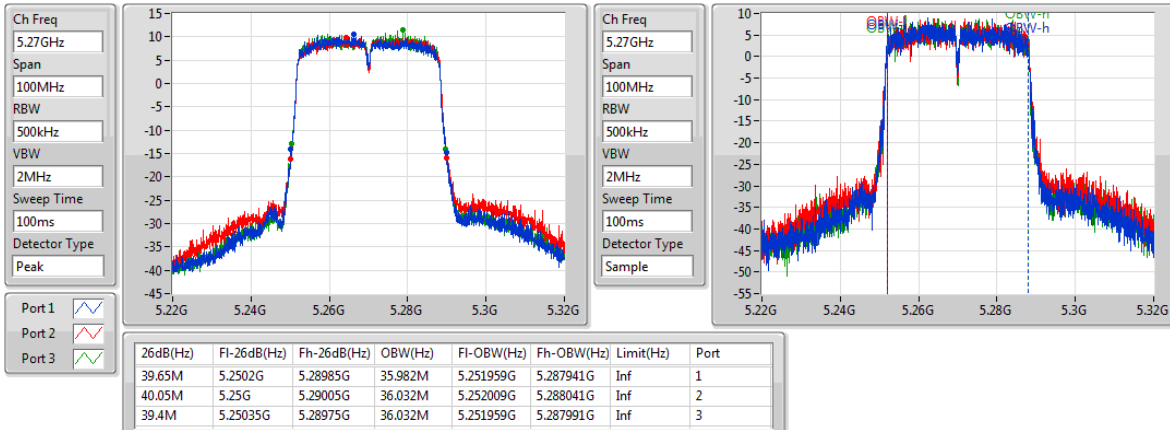
5230MHz



802.11ac VHT40_Nss1,(MCS0)_3TX

EBW

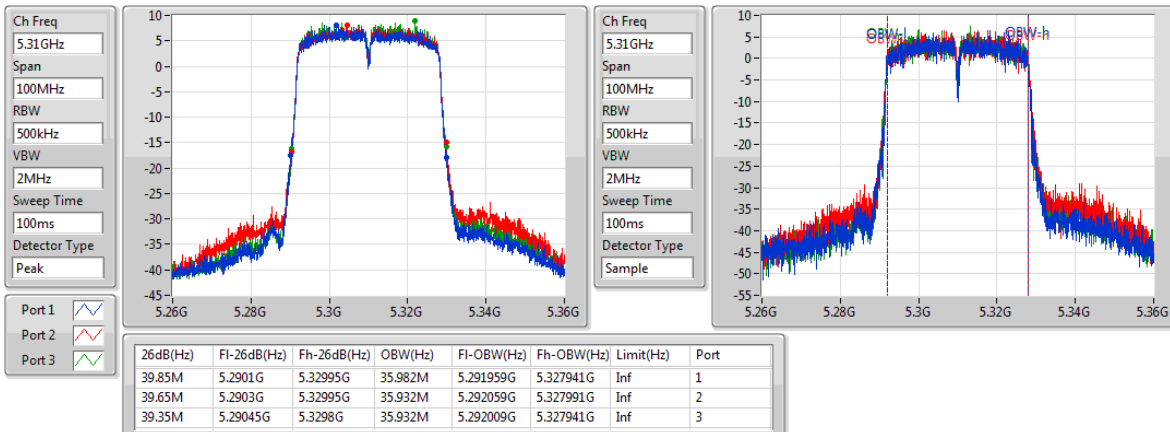
5270MHz



802.11ac VHT40_Nss1,(MCS0)_3TX

EBW

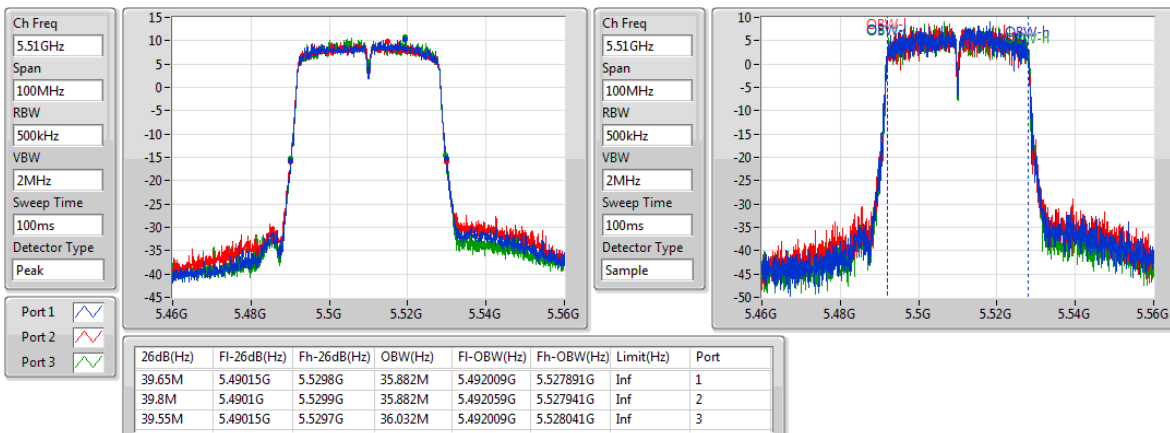
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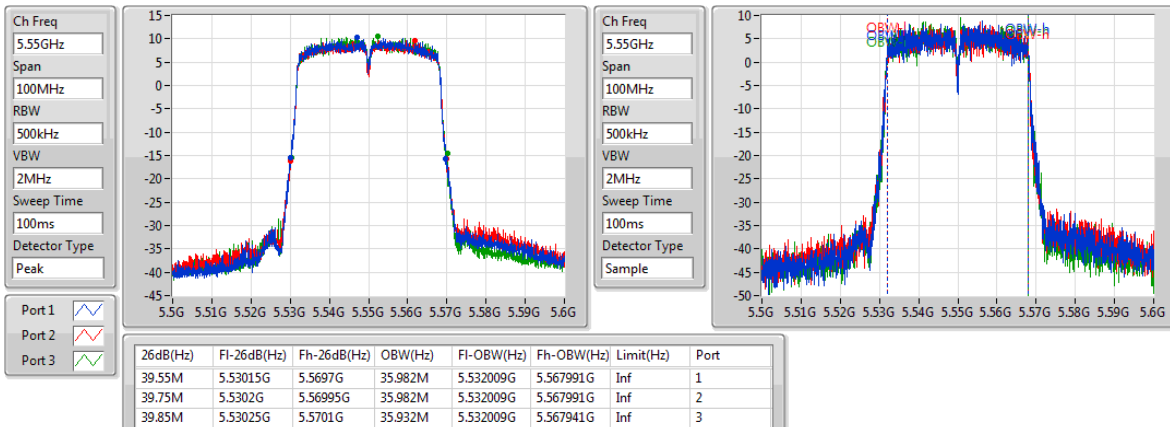
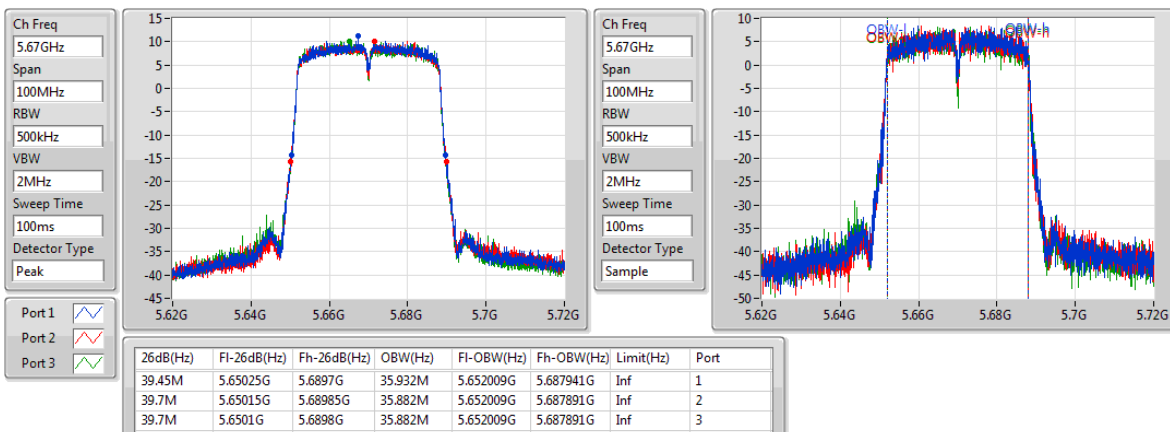
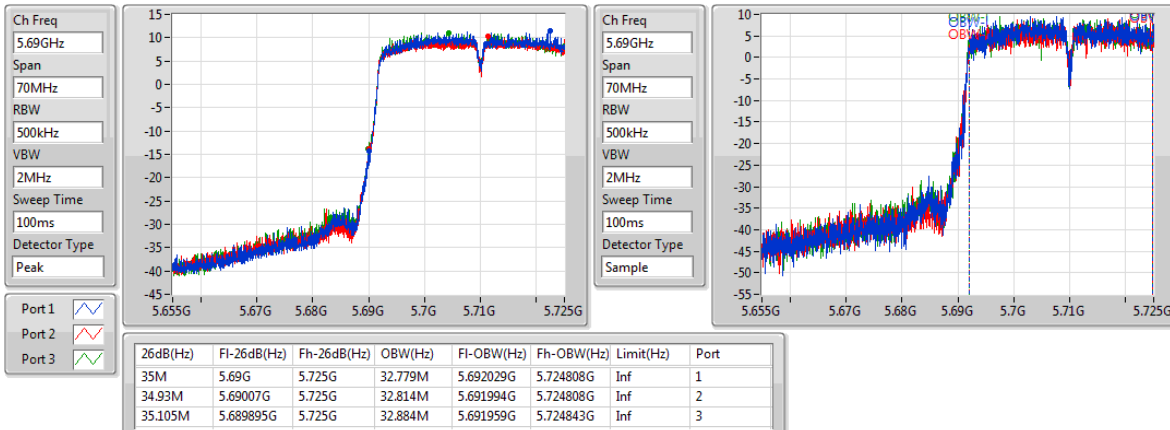


802.11ac VHT40_Nss1,(MCS0)_3TX

EBW

5510MHz

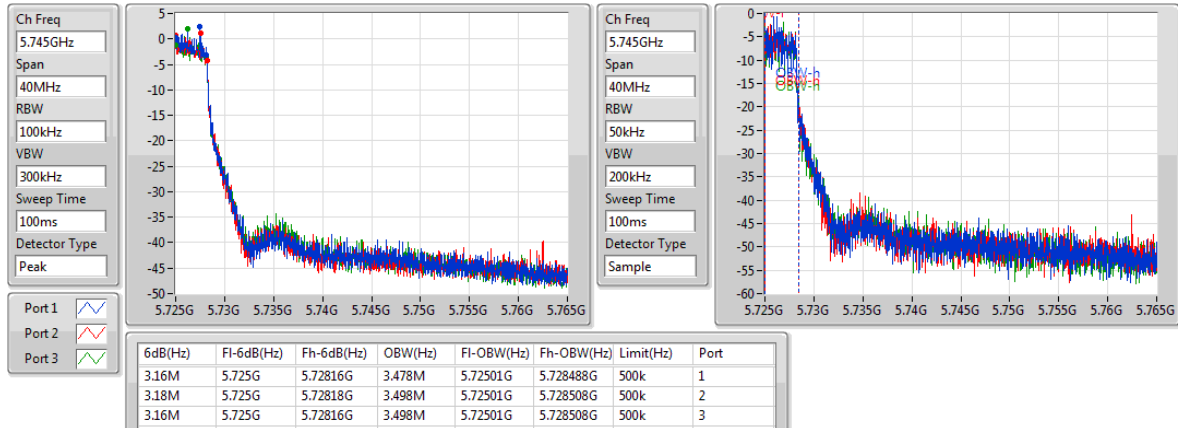


802.11ac VHT40_Nss1,(MCS0)_3TX
EBW
5550MHz

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

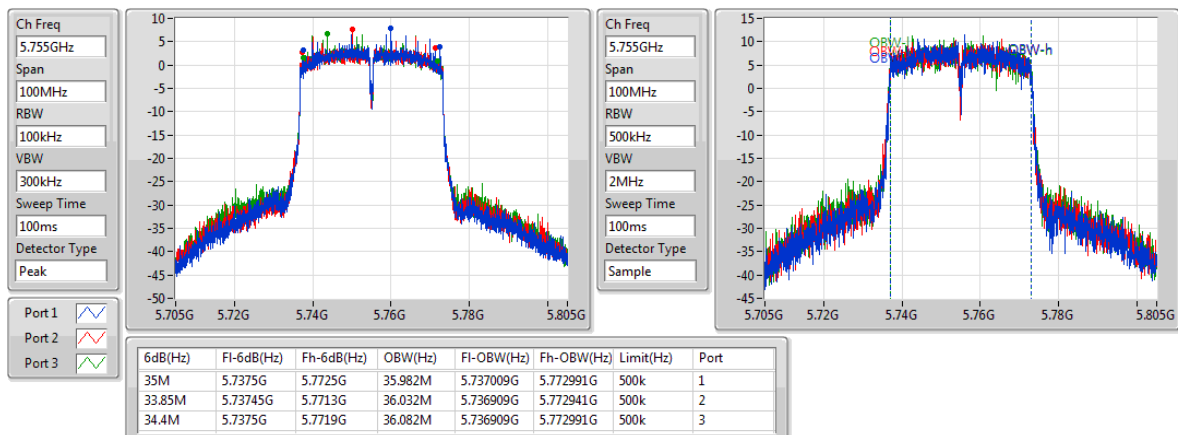
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT40_Nss1,(MCS0)_3TX

EBW

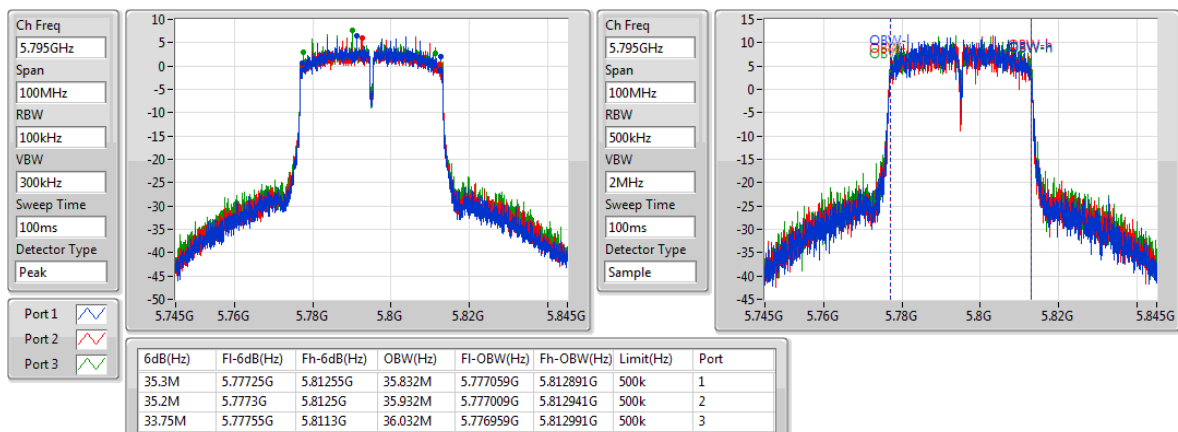
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802.11ac VHT40_Nss1,(MCS0)_3TX

EBW

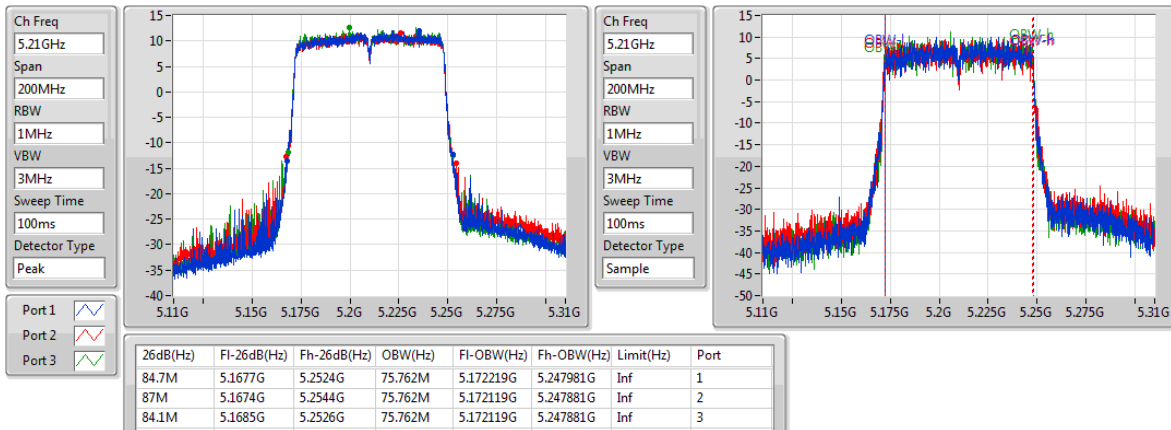
5795MHz



802.11ac VHT80_Nss1,(MCS0)_3TX

EBW

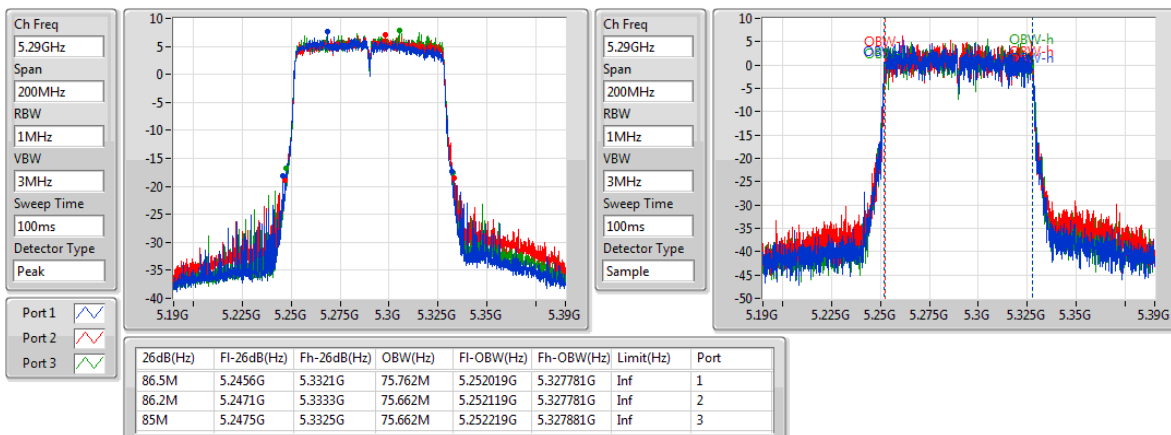
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802.11ac VHT80_Nss1,(MCS0)_3TX

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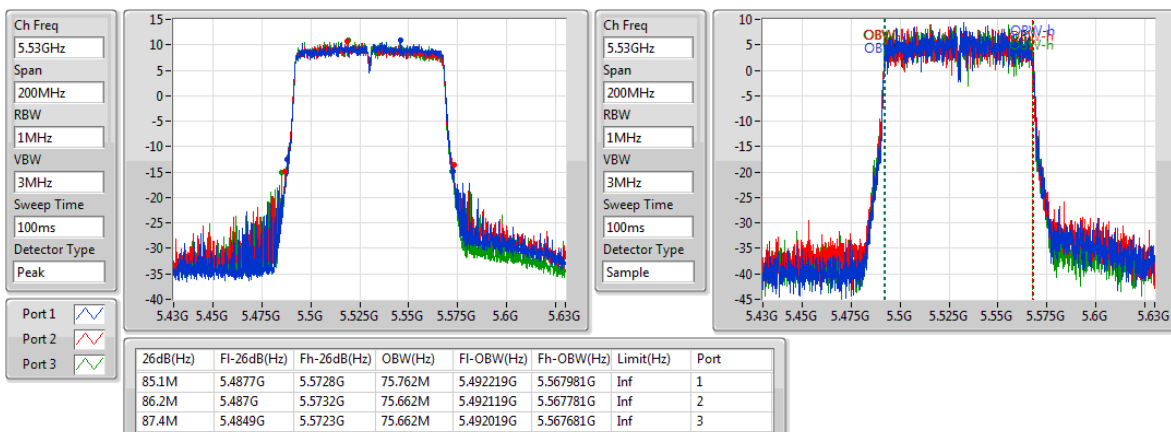
5290MHz



802.11ac VHT80_Nss1,(MCS0)_3TX

EBW

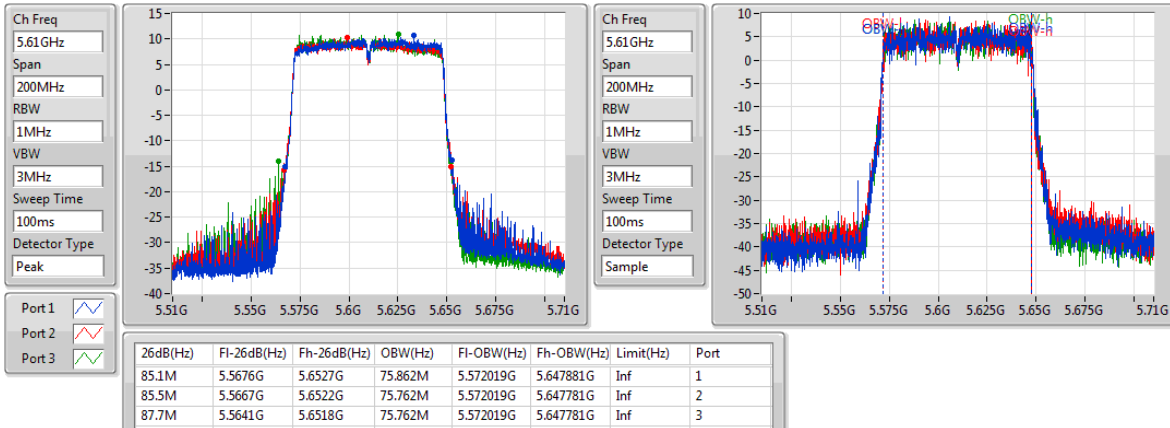
5530MHz



802.11ac VHT80_Nss1,(MCS0)_3TX

EBW

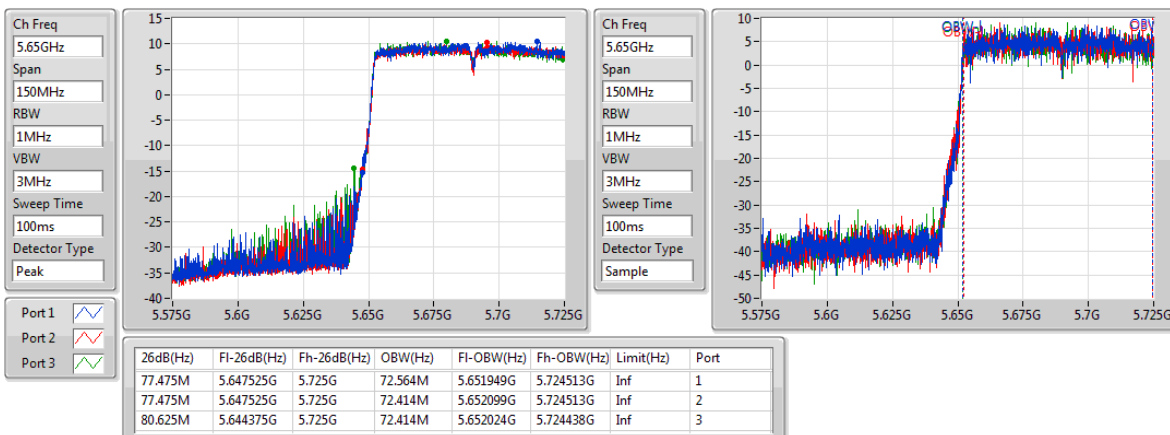
5610MHz



802.11ac VHT80_Nss1,(MCS0)_3TX

EBW

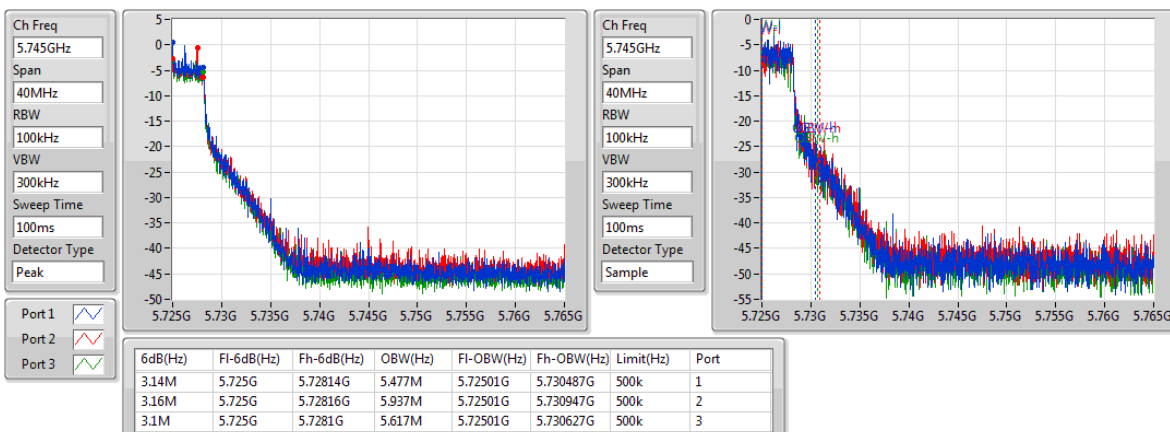
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss1,(MCS0)_3TX

EBW

5690MHz Straddle 5.725-5.85GHz

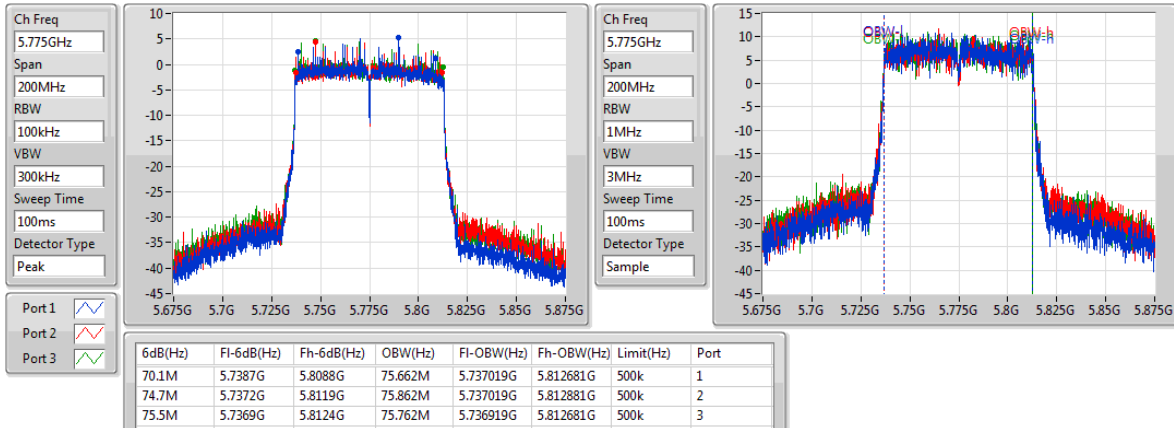




802.11ac VHT80_Nss1,(MCS0)_3TX

EBW

5775MHz



<For Beamforming Mode>
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	21.025M	17.666M	17M7D1D	20.6M	17.616M
5.25-5.35GHz	20.7M	17.641M	17M6D1D	20.4M	17.591M
5.47-5.725GHz	20.8M	17.616M	17M6D1D	15.105M	13.793M
5.725-5.85GHz	17.575M	17.641M	17M6D1D	3.74M	3.938M
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-
5.15-5.25GHz	39.95M	36.032M	36M0D1D	39.5M	35.932M
5.25-5.35GHz	40M	36.032M	36M0D1D	39.6M	35.882M
5.47-5.725GHz	40M	36.032M	36M0D1D	34.72M	32.709M
5.725-5.85GHz	35.35M	36.082M	36M1D1D	2.88M	3.478M
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-	-	-	-	-
5.15-5.25GHz	88.7M	75.762M	75M8D1D	84.8M	75.662M
5.25-5.35GHz	89.3M	75.862M	75M9D1D	84M	75.662M
5.47-5.725GHz	88.2M	75.862M	75M9D1D	76.8M	72.414M
5.725-5.85GHz	75.1M	75.862M	75M9D1D	3.14M	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;



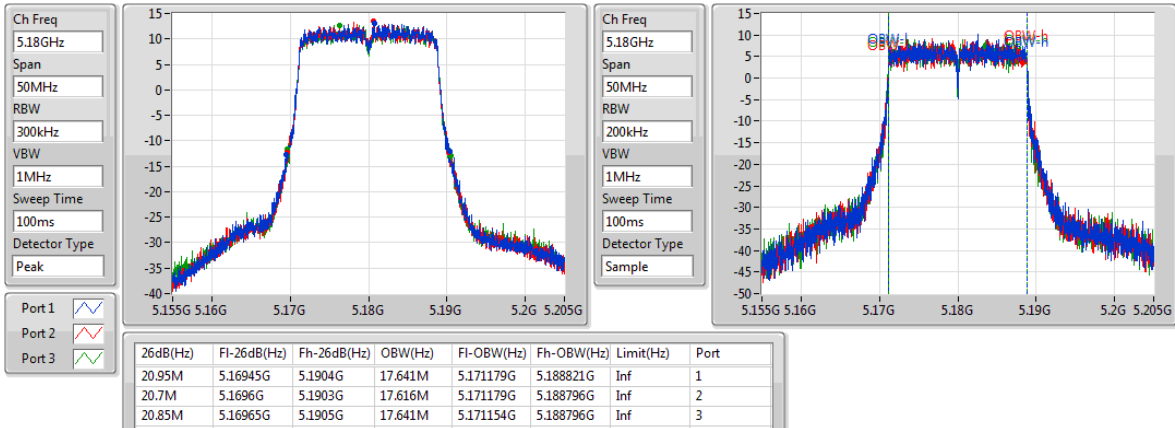
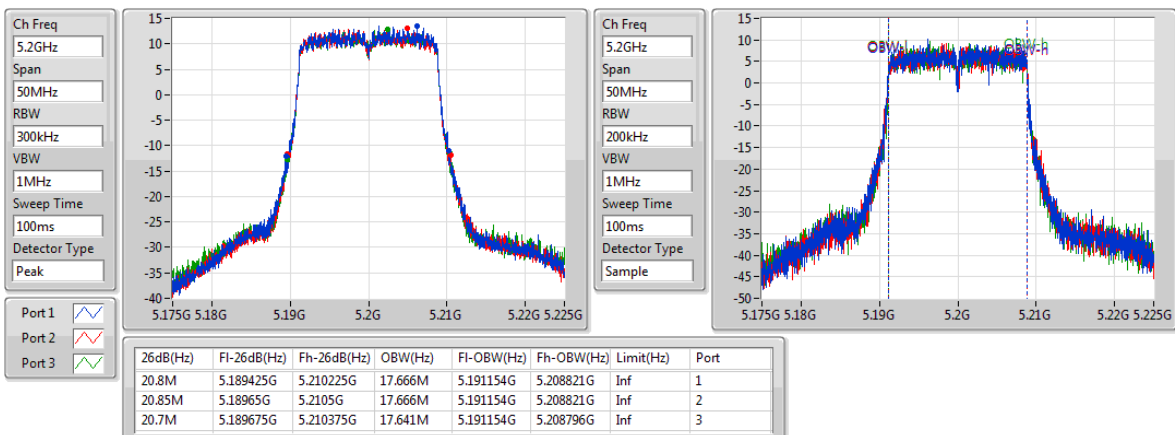
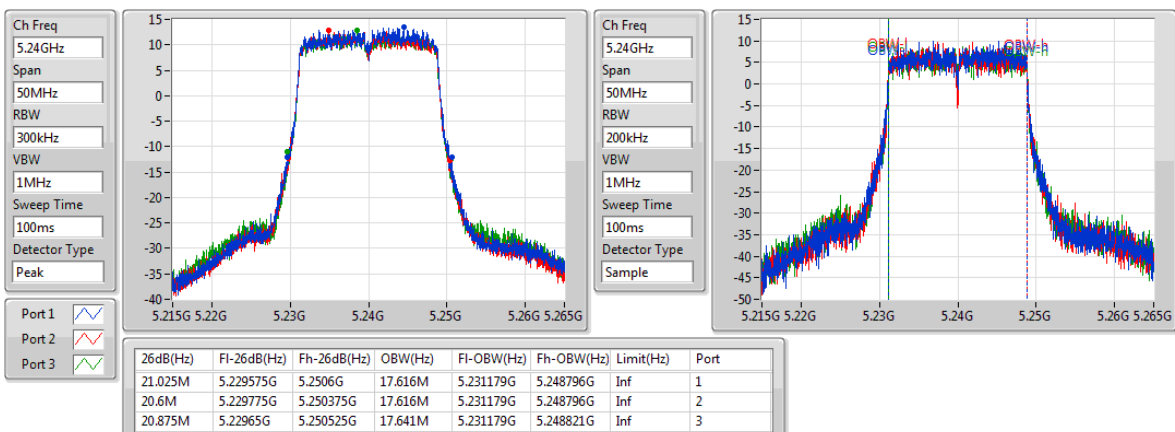
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_3 TX	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	20.95M	17.641M	20.7M	17.616M	20.85M	17.641M
5200MHz	Pass	Inf	20.8M	17.666M	20.85M	17.666M	20.7M	17.641M
5240MHz	Pass	Inf	21.025M	17.616M	20.6M	17.616M	20.875M	17.641M
5260MHz	Pass	Inf	20.425M	17.591M	20.45M	17.616M	20.7M	17.616M
5300MHz	Pass	Inf	20.425M	17.641M	20.625M	17.616M	20.4M	17.616M
5320MHz	Pass	Inf	20.5M	17.616M	20.675M	17.616M	20.425M	17.591M
5500MHz	Pass	Inf	20.5M	17.591M	20.525M	17.591M	20.35M	17.591M
5580MHz	Pass	Inf	20.75M	17.616M	20.6M	17.616M	20.475M	17.616M
5700MHz	Pass	Inf	20.45M	17.616M	20.625M	17.616M	20.8M	17.616M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.315M	13.793M	15.36M	13.793M	15.105M	13.793M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.76M	3.938M	3.78M	3.978M	3.74M	3.958M
5745MHz	Pass	500k	17.525M	17.616M	17.55M	17.641M	17.525M	17.616M
5785MHz	Pass	500k	17.525M	17.616M	17.125M	17.641M	17.55M	17.616M
5825MHz	Pass	500k	17.525M	17.616M	17.575M	17.616M	17.55M	17.616M
802.11ac VHT40-BF_Nss1,(MCS0)_3 TX	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.8M	35.932M	39.9M	36.032M	39.8M	35.982M
5230MHz	Pass	Inf	39.5M	35.932M	39.75M	35.932M	39.95M	36.032M
5270MHz	Pass	Inf	40M	36.032M	39.7M	35.932M	39.9M	36.032M
5310MHz	Pass	Inf	39.6M	35.982M	39.7M	35.982M	39.75M	35.882M
5510MHz	Pass	Inf	39.75M	35.982M	39.9M	36.032M	39.85M	35.982M
5550MHz	Pass	Inf	39.55M	35.932M	39.7M	35.932M	40M	35.982M
5670MHz	Pass	Inf	39.45M	35.882M	39.65M	35.982M	39.85M	35.982M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35M	32.849M	34.72M	32.709M	34.93M	32.849M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.18M	3.478M	2.88M	3.498M	3.16M	3.478M
5755MHz	Pass	500k	35.3M	35.982M	35.05M	35.932M	31.25M	35.982M
5795MHz	Pass	500k	35.35M	36.082M	33.75M	35.982M	30.4M	36.032M
802.11ac VHT80-BF_Nss1,(MCS0)_3 TX	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	88.7M	75.662M	84.8M	75.662M	85.1M	75.762M
5290MHz	Pass	Inf	87.1M	75.662M	84M	75.662M	89.3M	75.862M
5530MHz	Pass	Inf	84.7M	75.762M	85.6M	75.862M	85.9M	75.662M
5610MHz	Pass	Inf	84.3M	75.662M	88.2M	75.862M	85.8M	75.762M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	81.3M	72.414M	76.8M	72.414M	77.85M	72.489M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.16M	5.537M	3.14M	5.457M	3.14M	5.817M
5775MHz	Pass	500k	75.1M	75.862M	75M	75.562M	75M	75.762M

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



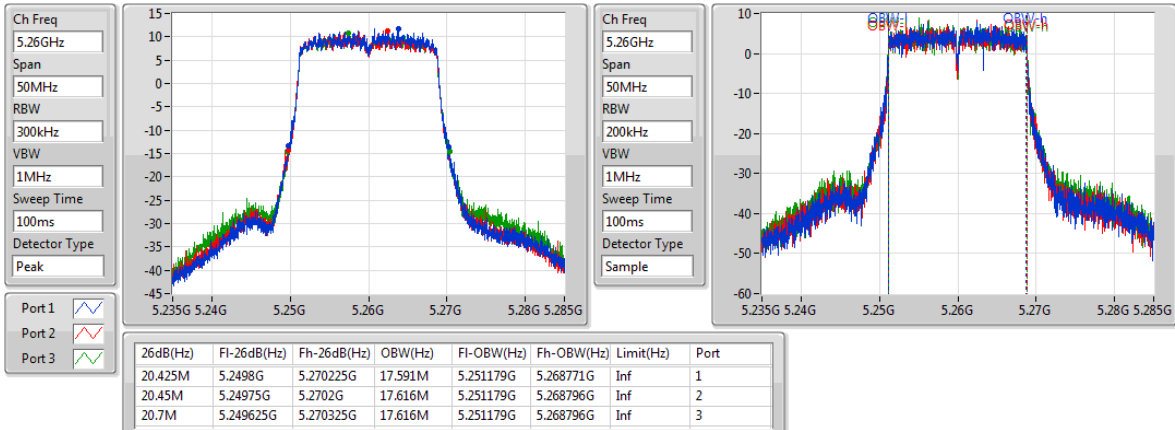
Port X-OBW = Port X 99% occupied bandwidth;

802.11ac 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

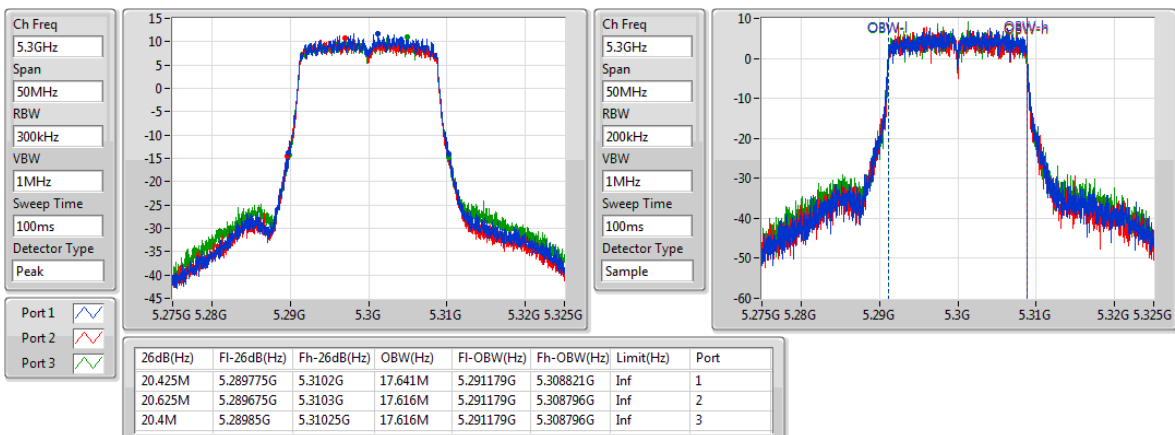
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802.11ac VHT20-BF_Nss1,(MCS0)_3TX

EBW

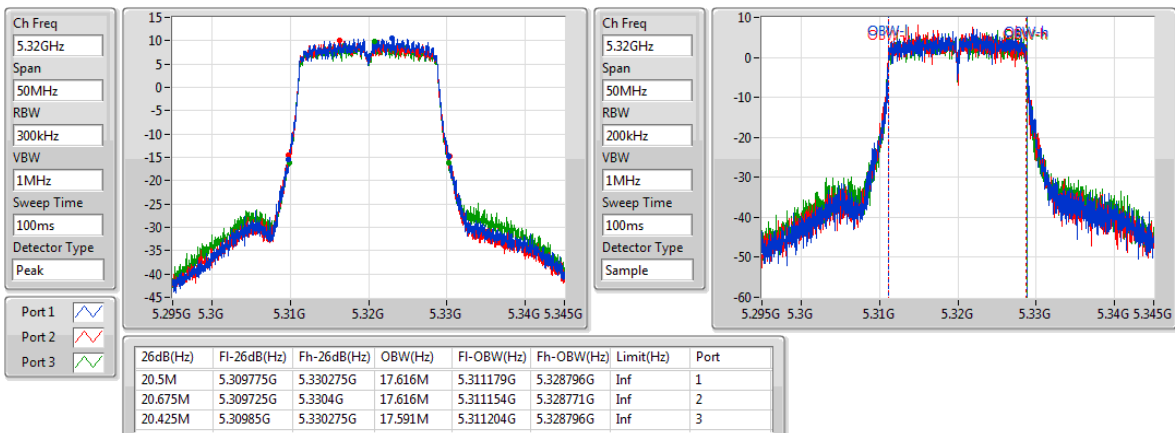
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802.11ac VHT20-BF_Nss1,(MCS0)_3TX

EBW

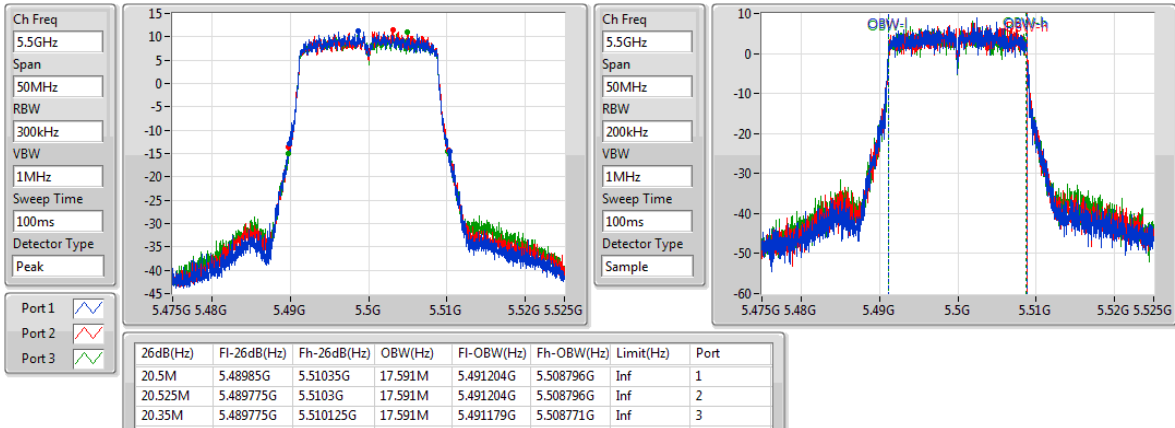
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802.11ac VHT20-BF_Nss1,(MCS0)_3TX

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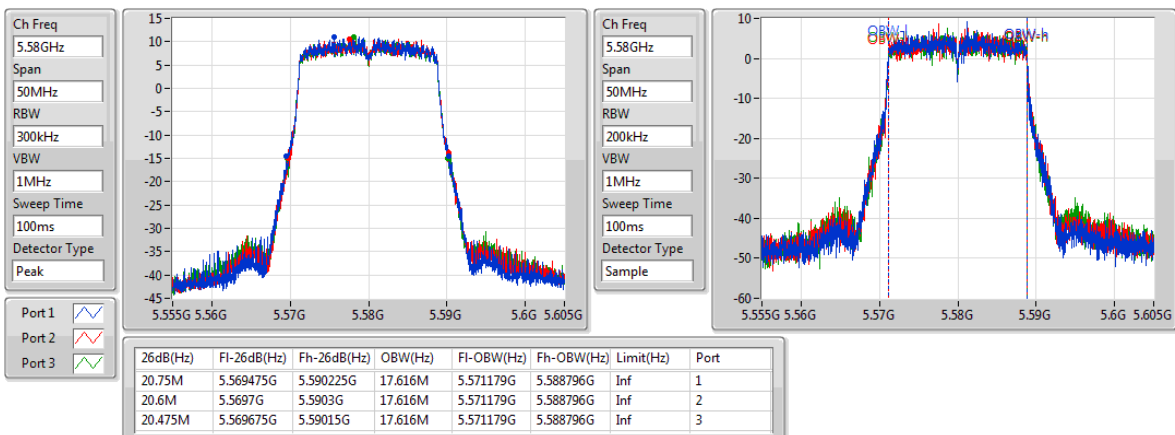
5500MHz



802.11ac VHT20-BF_Nss1,(MCS0)_3TX

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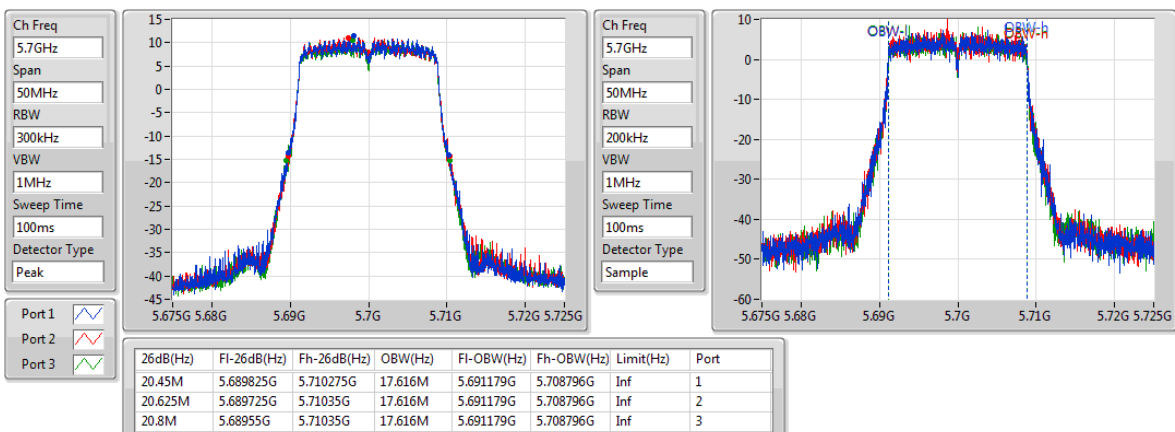
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802.11ac VHT20-BF_Nss1,(MCS0)_3TX

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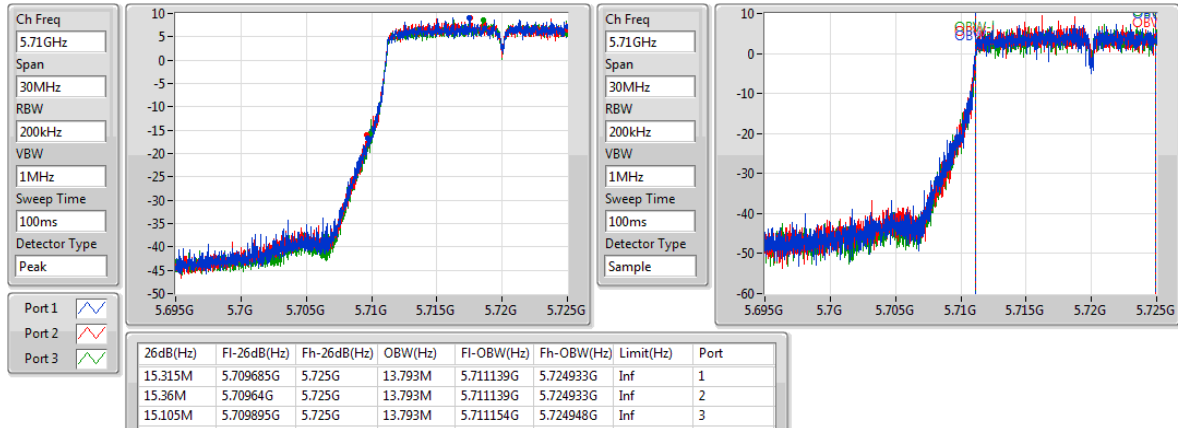
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802.11ac VHT20-BF_Nss1,(MCS0)_3TX

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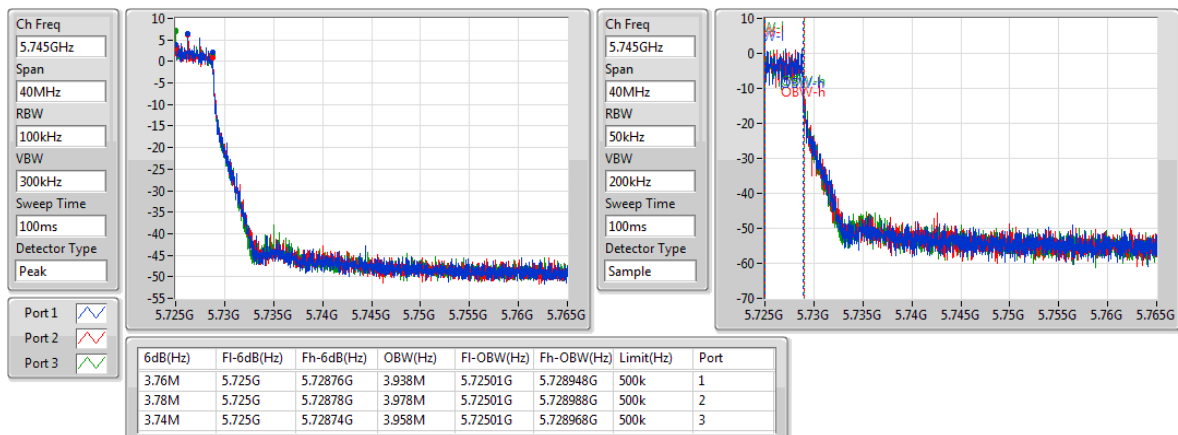
5720MHz Straddle 5.47-5.725GHz



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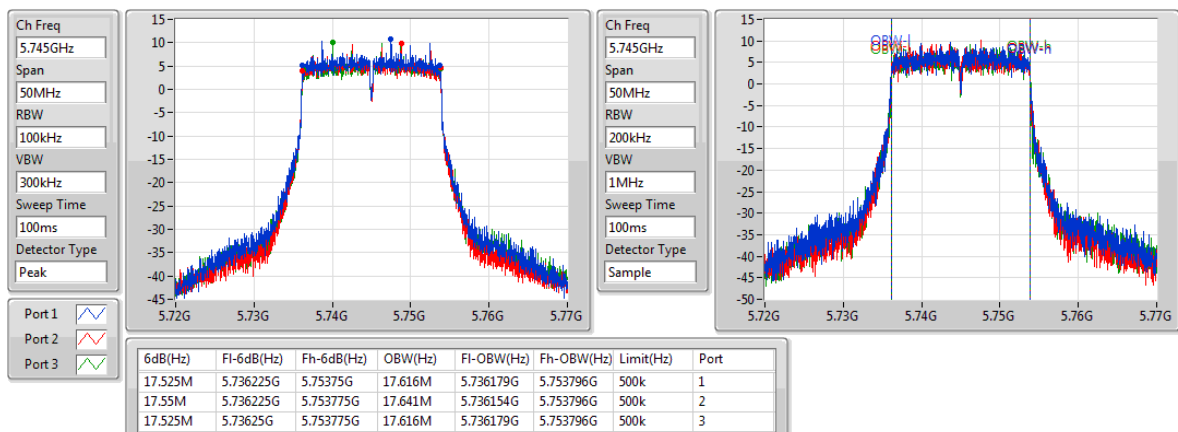
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20-BF_Nss1,(MCS0)_3TX

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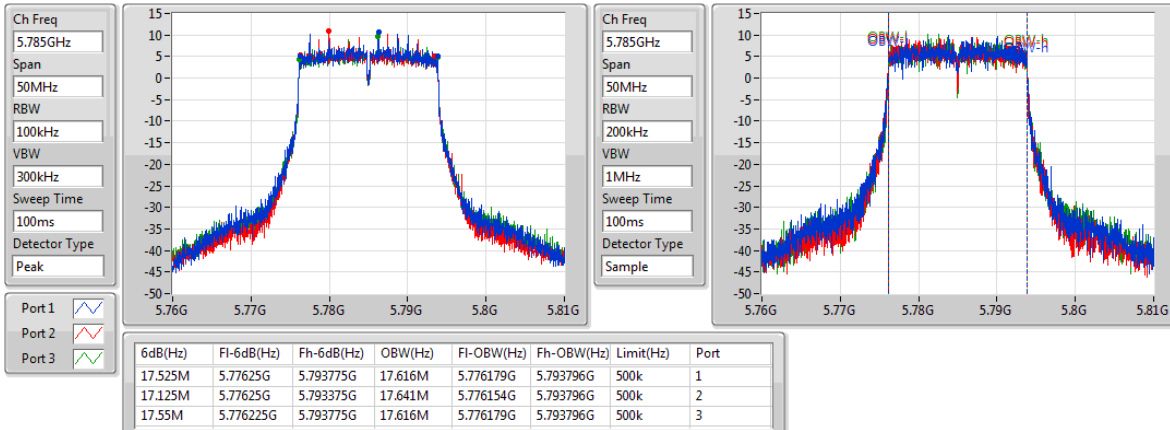
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802.11ac VHT20-BF_Nss1,(MCS0)_3TX

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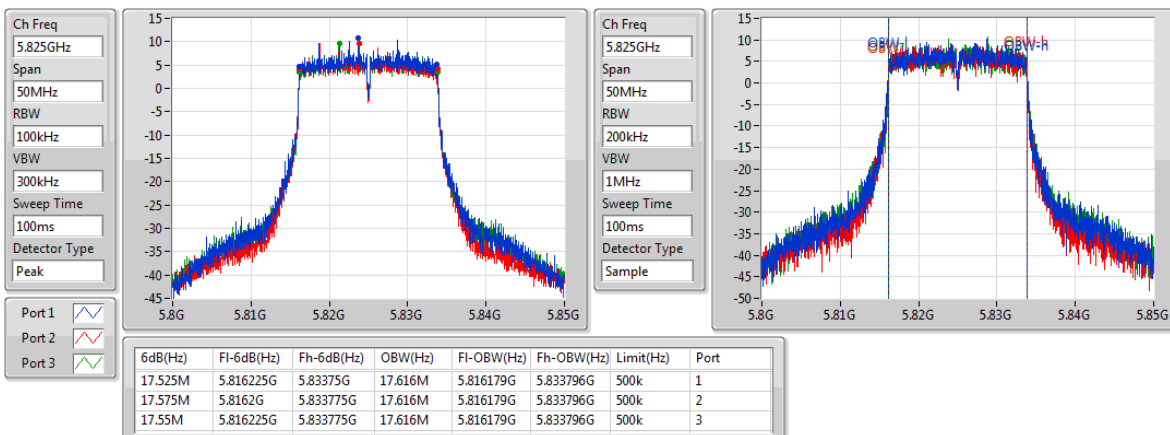
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802.11ac VHT20-BF_Nss1,(MCS0)_3TX

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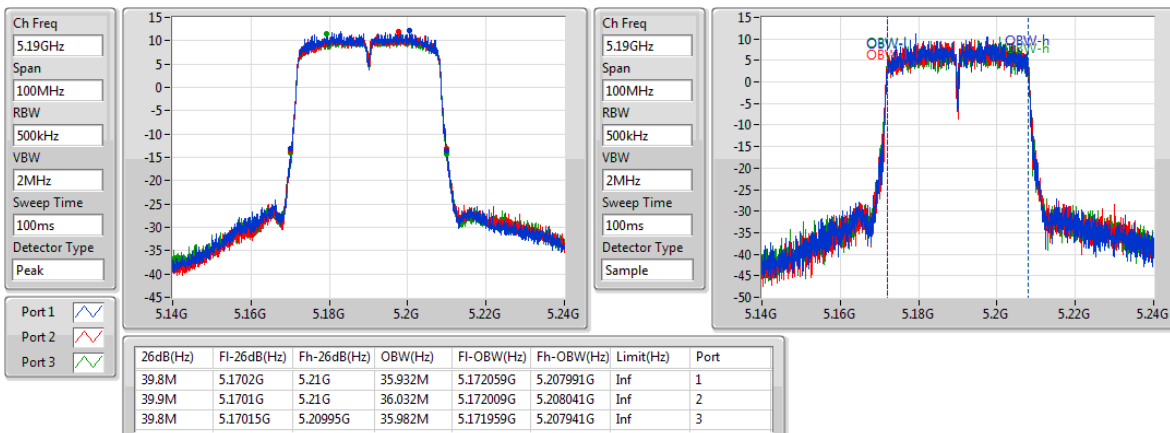
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802.11ac VHT40-BF_Nss1,(MCS0)_3TX

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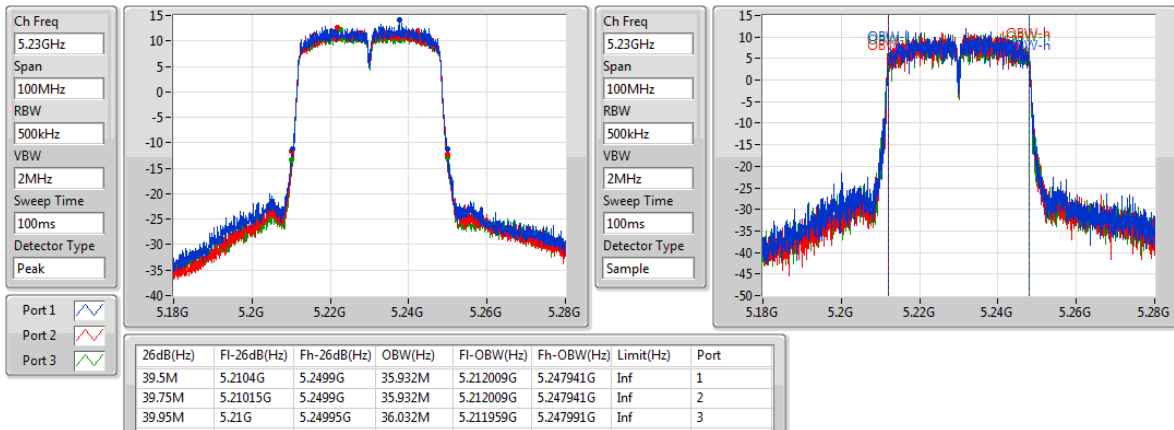
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802.11ac VHT40-BF_Nss1,(MCS0)_3TX

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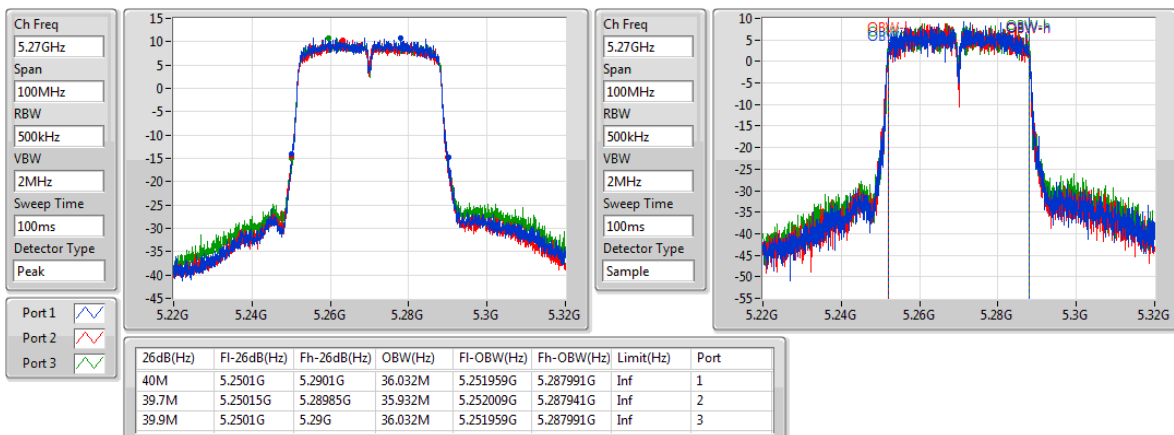
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802.11ac VHT40-BF_Nss1,(MCS0)_3TX

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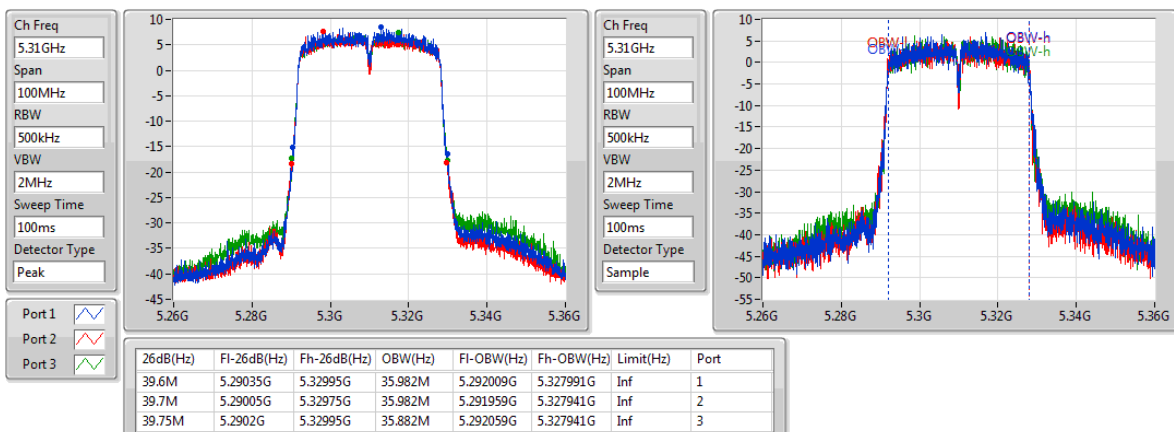
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802.11ac VHT40-BF_Nss1,(MCS0)_3TX

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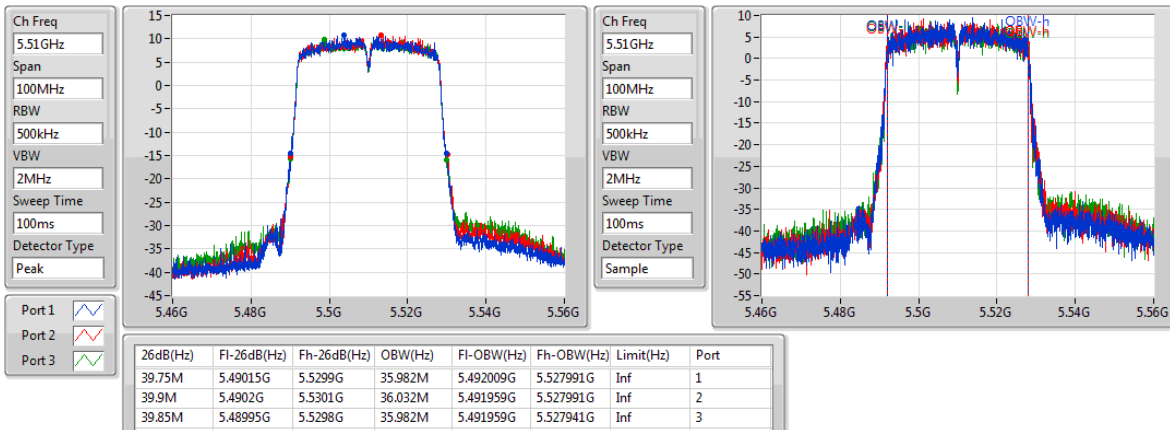
5310MHz



802.11ac VHT40-BF_Nss1,(MCS0)_3TX

EBW

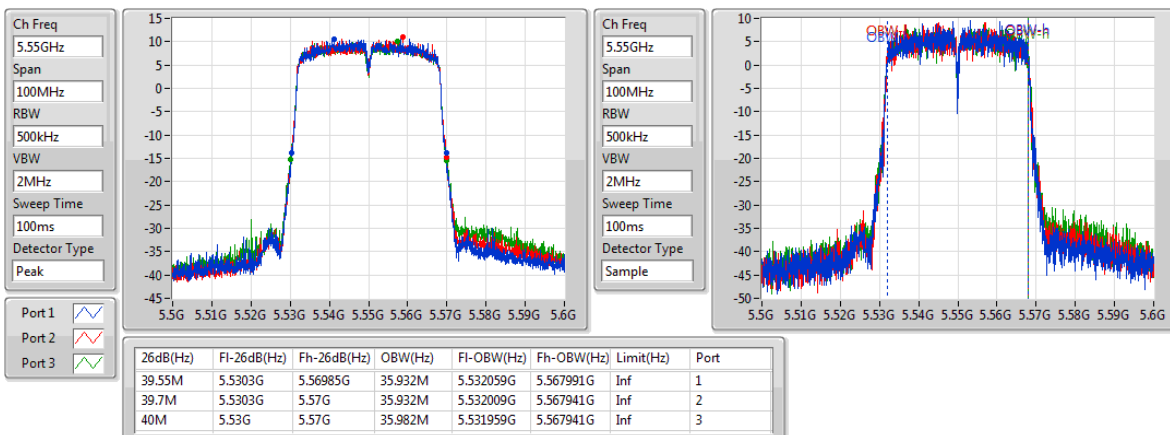
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802.11ac VHT40-BF_Nss1,(MCS0)_3TX

EBW

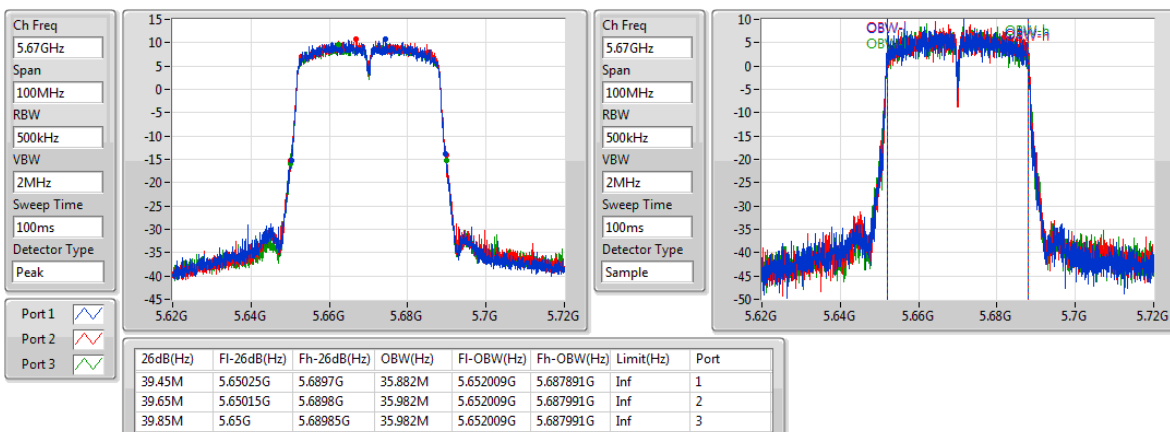
5550MHz



802.11ac VHT40-BF_Nss1,(MCS0)_3TX

EBW

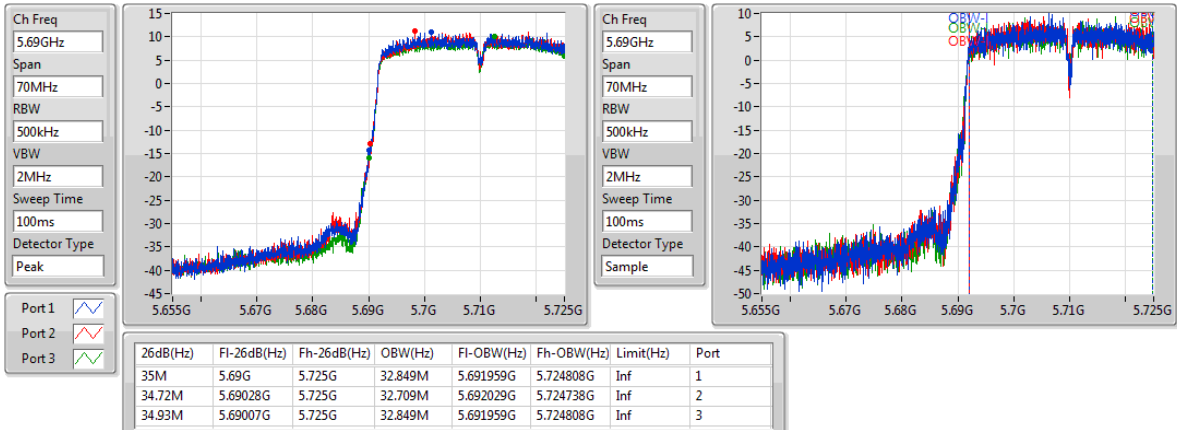
5670MHz



802.11ac VHT40-BF_Nss1,(MCS0)_3TX

EBW

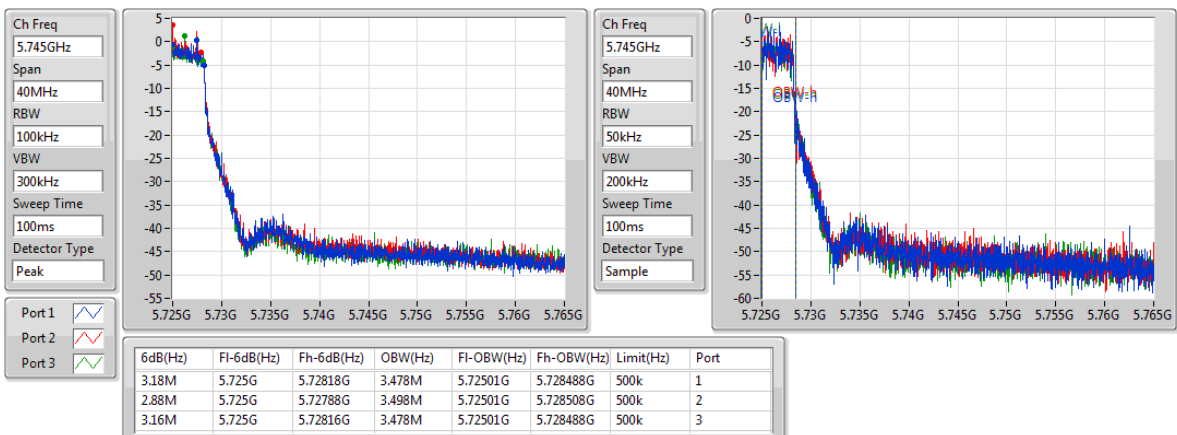
5710MHz Straddle 5.47-5.725GHz



802.11ac VHT40-BF_Nss1,(MCS0)_3TX

EBW

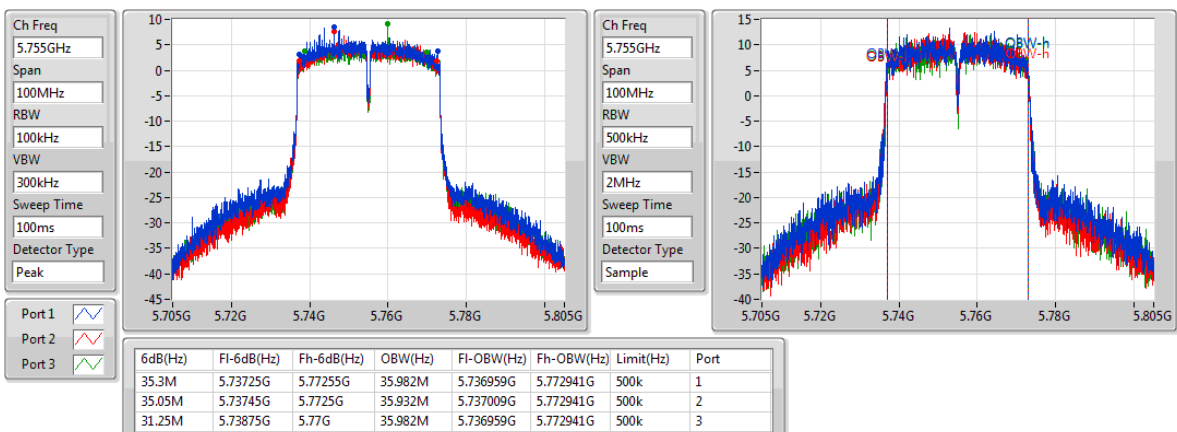
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT40-BF_Nss1,(MCS0)_3TX

EBW

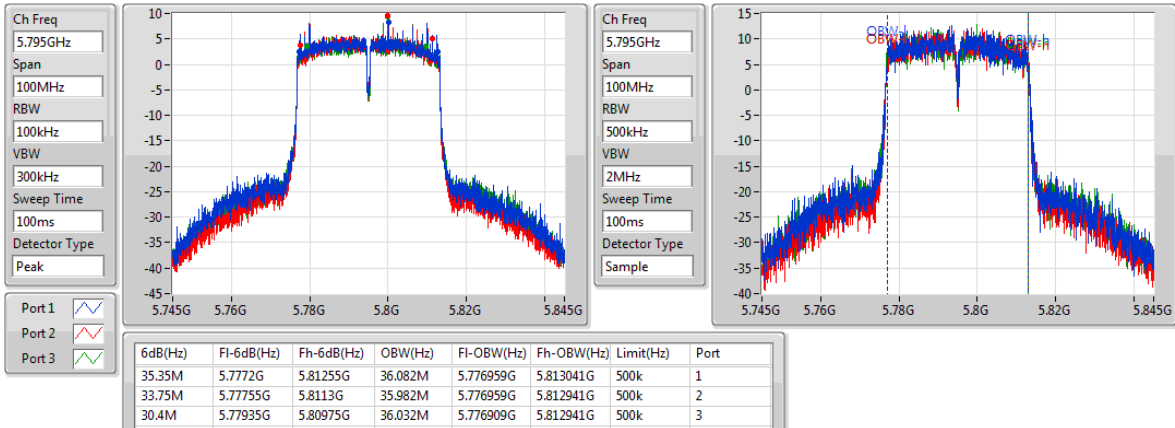
5755MHz



802.11ac VHT40-BF_Nss1,(MCS0)_3TX

EBW

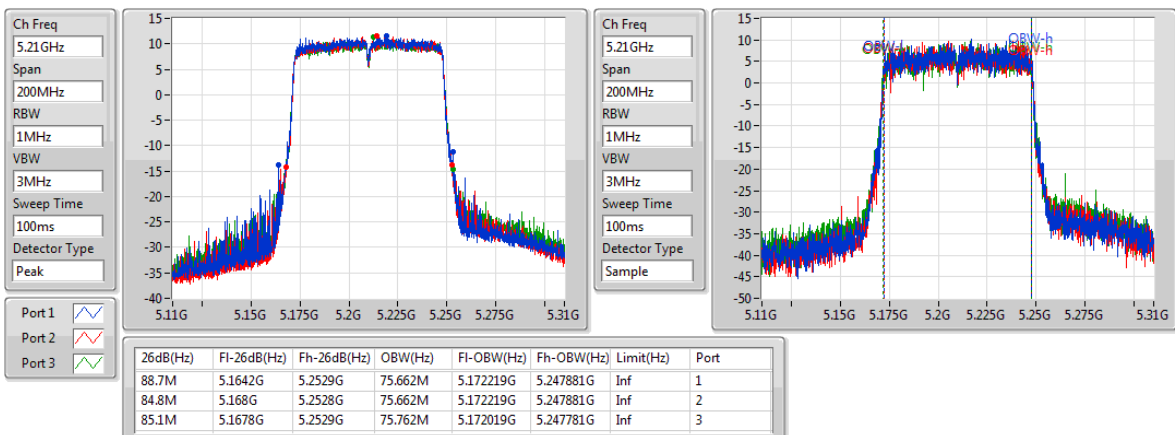
5795MHz



802.11ac VHT80-BF_Nss1,(MCS0)_3TX

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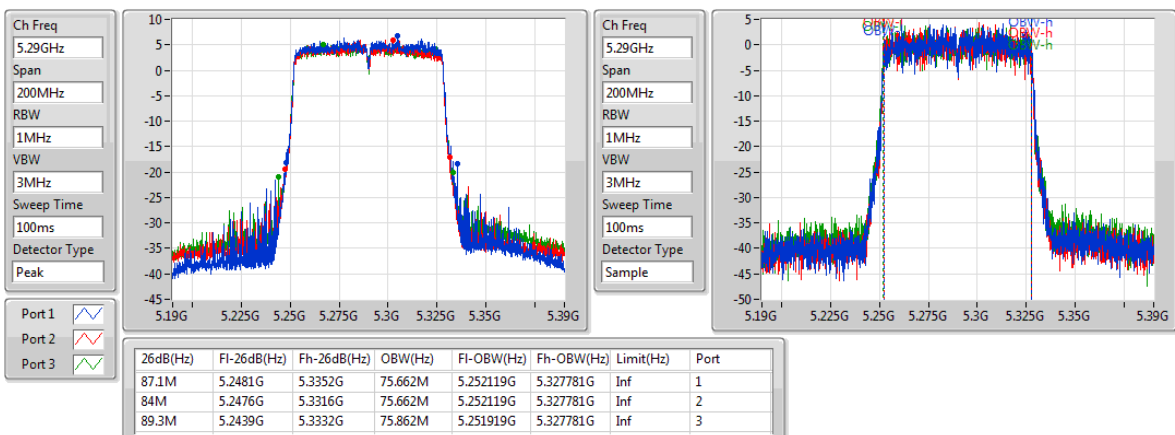
5210MHz



802.11ac VHT80-BF_Nss1,(MCS0)_3TX

EBW

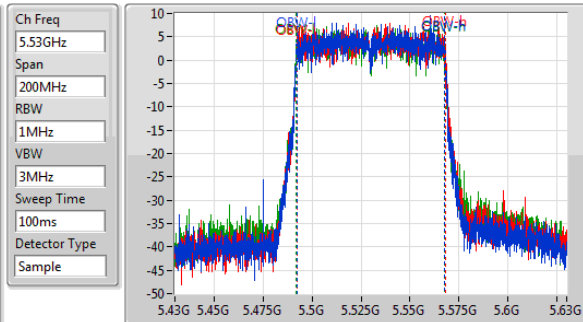
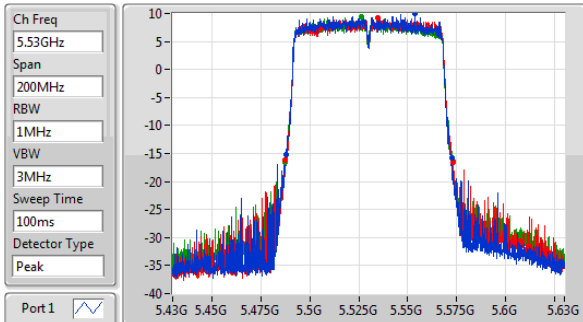
5290MHz



802.11ac VHT80-BF_Nss1,(MCS0)_3TX

EBW

5530MHz

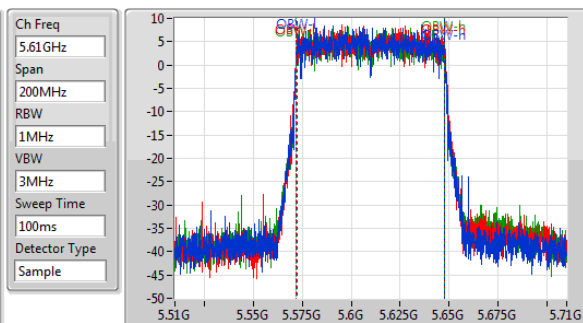
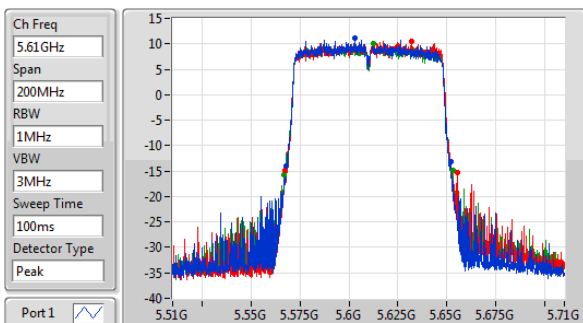


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
84.7M	5.4878G	5.5725G	75.762M	5.492119G	5.567881G	Inf	1
85.6M	5.4875G	5.5731G	75.862M	5.492119G	5.567981G	Inf	2
85.9M	5.4873G	5.5732G	75.662M	5.492019G	5.567681G	Inf	3

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

EBW

5610MHz

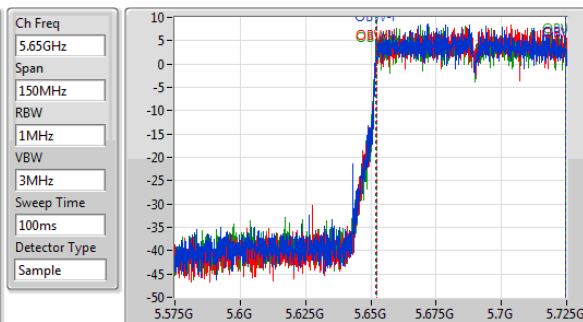
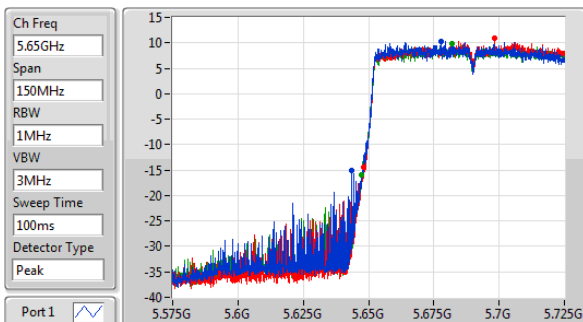


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
84.3M	5.5678G	5.6521G	75.662M	5.572119G	5.647781G	Inf	1
88.2M	5.5674G	5.6556G	75.862M	5.572019G	5.647881G	Inf	2
85.8M	5.5671G	5.6529G	75.762M	5.572019G	5.647781G	Inf	3

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

EBW

5690MHz Straddle 5.47-5.725GHz



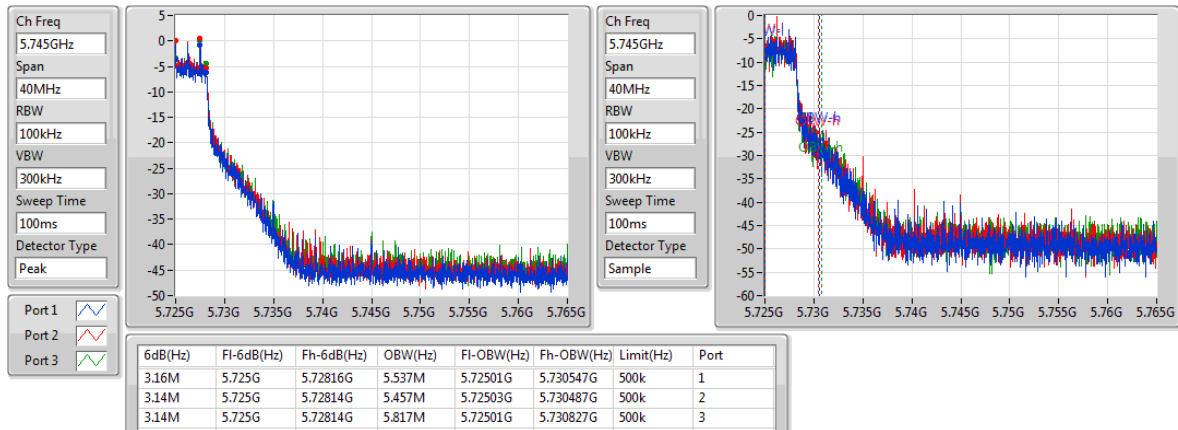
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.3M	5.6437G	5.725G	72.414M	5.652024G	5.724438G	Inf	1
76.8M	5.6482G	5.725G	72.414M	5.652174G	5.724588G	Inf	2
77.85M	5.64715G	5.725G	72.489M	5.652099G	5.724588G	Inf	3



802.11ac VHT80-BF_Nss1,(MCS0)_3TX

EBW

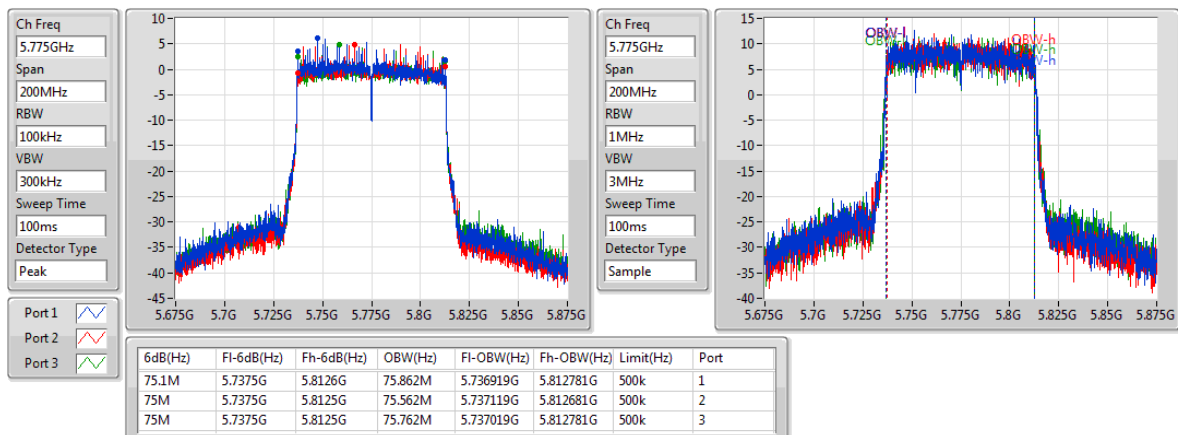
5690MHz Straddle 5.725-5.85GHz



802.11ac VHT80-BF_Nss1,(MCS0)_3TX

EBW

5775MHz





For Radio 3:
For Set 2 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	46.225M	26.687M	26M7D1D	40.05M	19.665M
5.25-5.35GHz	46.675M	26.812M	26M8D1D	35.975M	17.791M
5.47-5.725GHz	46.35M	26.087M	26M1D1D	27.855M	18.501M
5.725-5.85GHz	16.325M	36.782M	36M8D1D	3.14M	13.713M
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5.15-5.25GHz	49.175M	28.961M	29M0D1D	39.775M	19.615M
5.25-5.35GHz	49.4M	28.061M	28M1D1D	35.025M	18.091M
5.47-5.725GHz	46.05M	25.862M	25M9D1D	29.265M	20.42M
5.725-5.85GHz	17.6M	39.03M	39M0D1D	3.14M	12.174M
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5.15-5.25GHz	84.9M	39.78M	39M8D1D	52.95M	36.582M
5.25-5.35GHz	97.85M	51.874M	51M9D1D	52.35M	36.432M
5.47-5.725GHz	98.45M	54.473M	54M5D1D	55.85M	36.482M
5.725-5.85GHz	35.65M	54.673M	54M7D1D	3.12M	27.466M
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5.15-5.25GHz	108.1M	76.262M	76M3D1D	108.1M	76.262M
5.25-5.35GHz	109.2M	76.362M	76M4D1D	109.2M	76.362M
5.47-5.725GHz	198.7M	99.45M	99M4D1D	102.9M	76.062M
5.725-5.85GHz	66.6M	87.256M	87M3D1D	3.26M	37.401M

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	45.025M	24.138M
5200MHz	Pass	Inf	46.225M	26.687M
5240MHz	Pass	Inf	40.05M	19.665M
5260MHz	Pass	Inf	46.675M	26.812M
5300MHz	Pass	Inf	46.45M	25.762M
5320MHz	Pass	Inf	35.975M	17.791M
5500MHz	Pass	Inf	42.475M	20.79M
5580MHz	Pass	Inf	46.3M	26.087M
5700MHz	Pass	Inf	46.35M	25.162M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	27.855M	18.501M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	13.713M
5745MHz	Pass	500k	16.05M	36.782M
5785MHz	Pass	500k	16.325M	26.337M
5825MHz	Pass	500k	16.3M	27.436M
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	44.85M	24.013M
5200MHz	Pass	Inf	49.175M	28.961M
5240MHz	Pass	Inf	39.775M	19.615M
5260MHz	Pass	Inf	49.4M	28.061M
5300MHz	Pass	Inf	46.075M	26.937M
5320MHz	Pass	Inf	35.025M	18.091M
5500MHz	Pass	Inf	42.875M	21.064M
5580MHz	Pass	Inf	46.05M	25.562M
5700MHz	Pass	Inf	45.975M	25.862M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	29.265M	20.42M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	12.174M
5745MHz	Pass	500k	17.6M	39.03M
5785MHz	Pass	500k	16.3M	28.436M
5825MHz	Pass	500k	16.65M	30.06M
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	52.95M	36.582M
5230MHz	Pass	Inf	84.9M	39.78M
5270MHz	Pass	Inf	97.85M	51.874M
5310MHz	Pass	Inf	52.35M	36.432M
5510MHz	Pass	Inf	55.85M	36.482M
5550MHz	Pass	Inf	98.45M	54.473M
5670MHz	Pass	Inf	95.15M	49.525M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	65.1M	41.034M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	27.466M
5755MHz	Pass	500k	35.6M	54.673M
5795MHz	Pass	500k	35.65M	51.874M



Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	108.1M	76.262M
5290MHz	Pass	Inf	109.2M	76.362M
5530MHz	Pass	Inf	102.9M	76.062M
5610MHz	Pass	Inf	198.7M	99.45M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	136.35M	86.132M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.26M	37.401M
5775MHz	Pass	500k	66.6M	87.256M

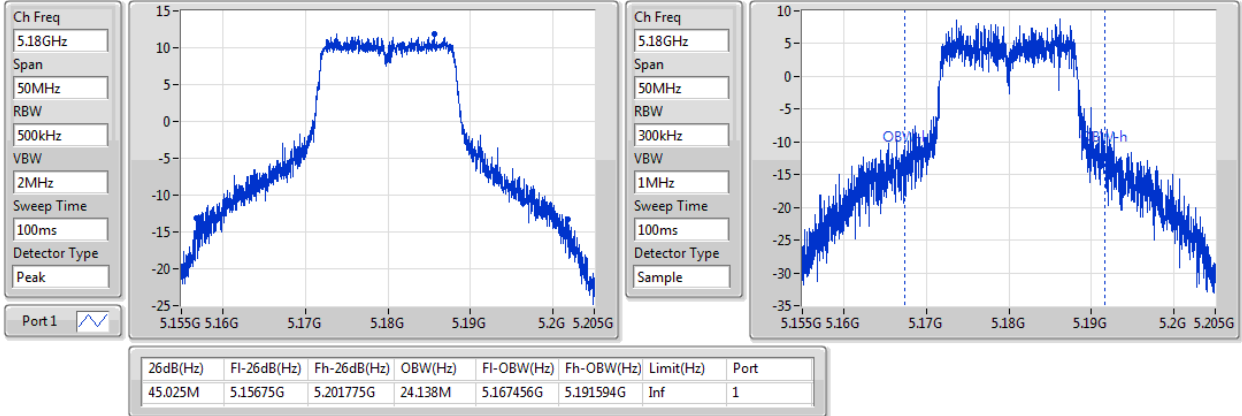
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

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

802.11a_(6Mbps)_1TX

EBW

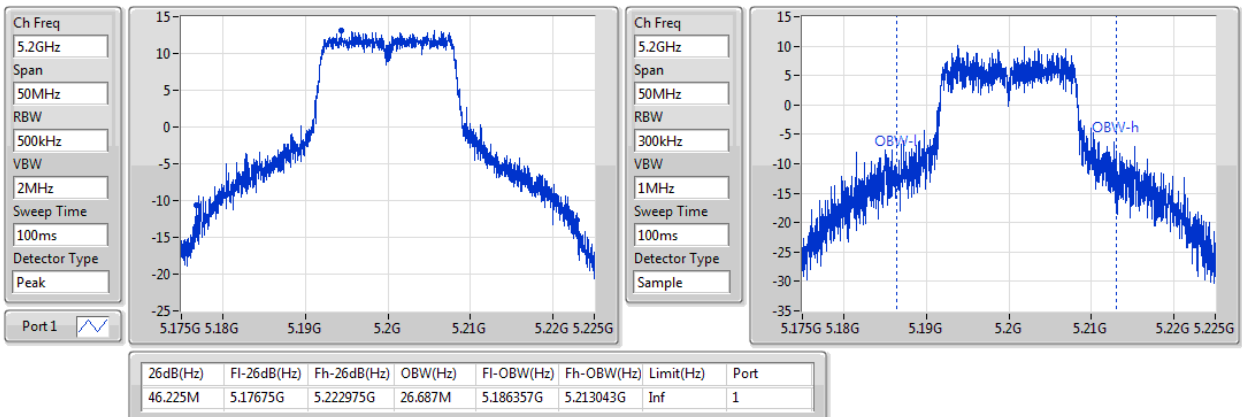
5180MHz



802.11a_(6Mbps)_1TX

EBW

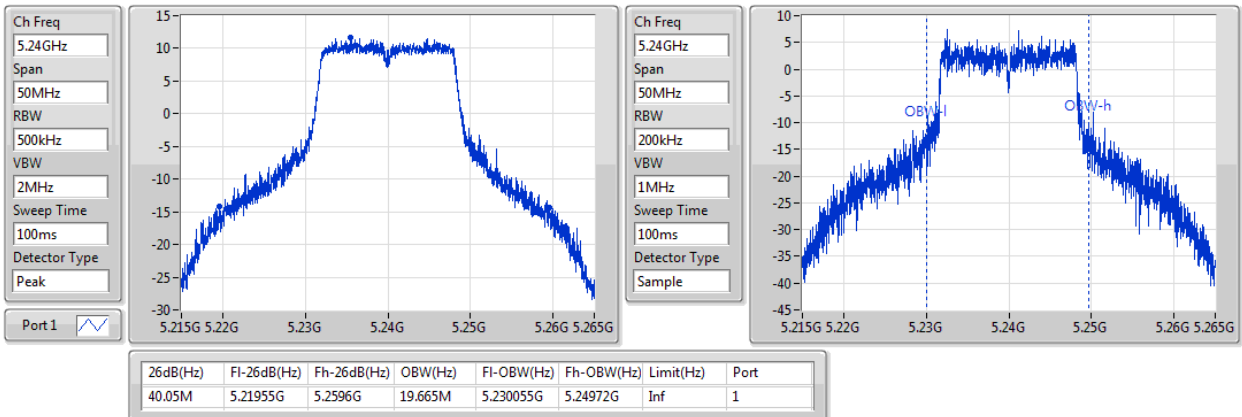
5200MHz

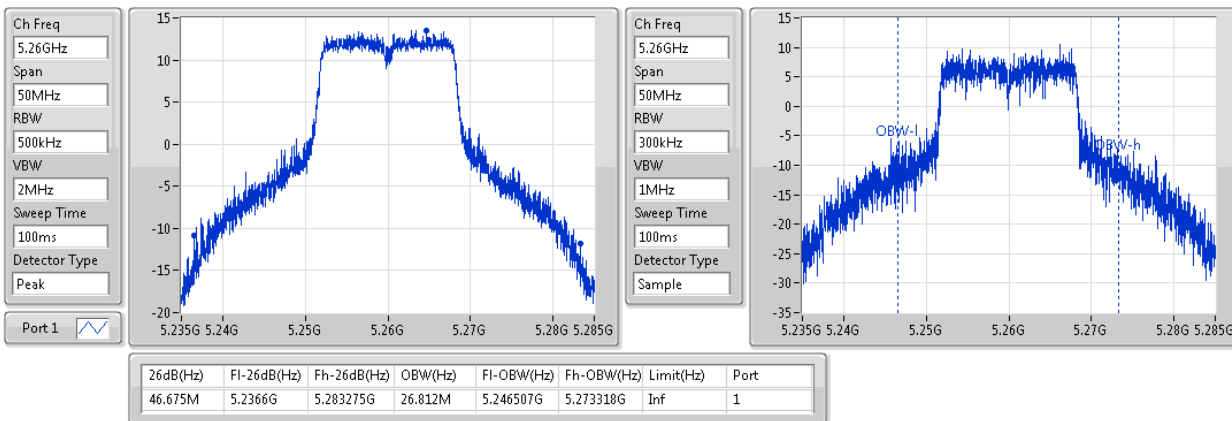
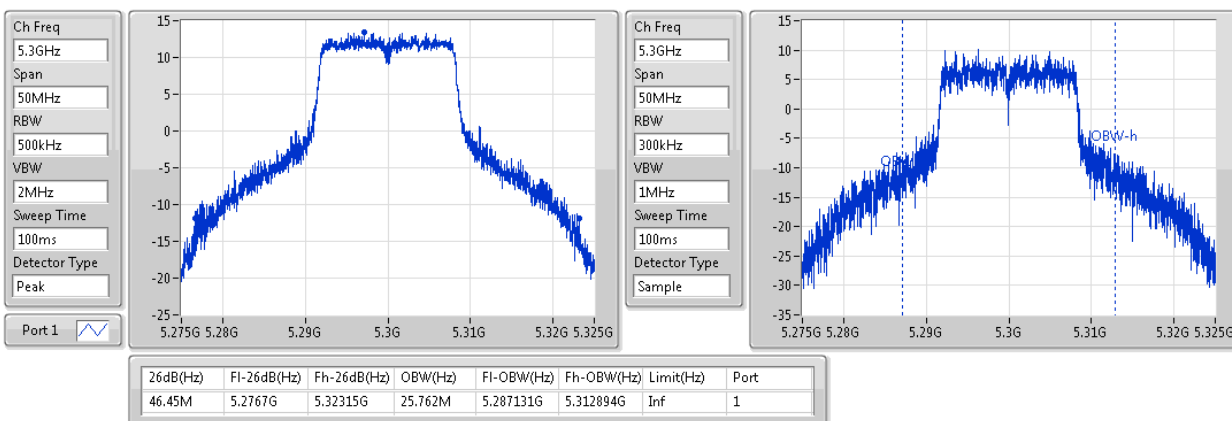
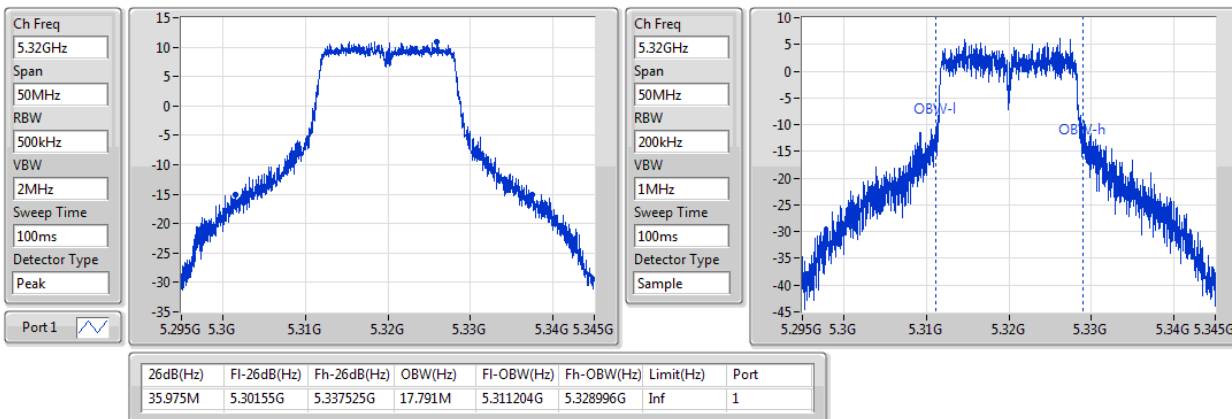


802.11a_(6Mbps)_1TX

EBW

5240MHz

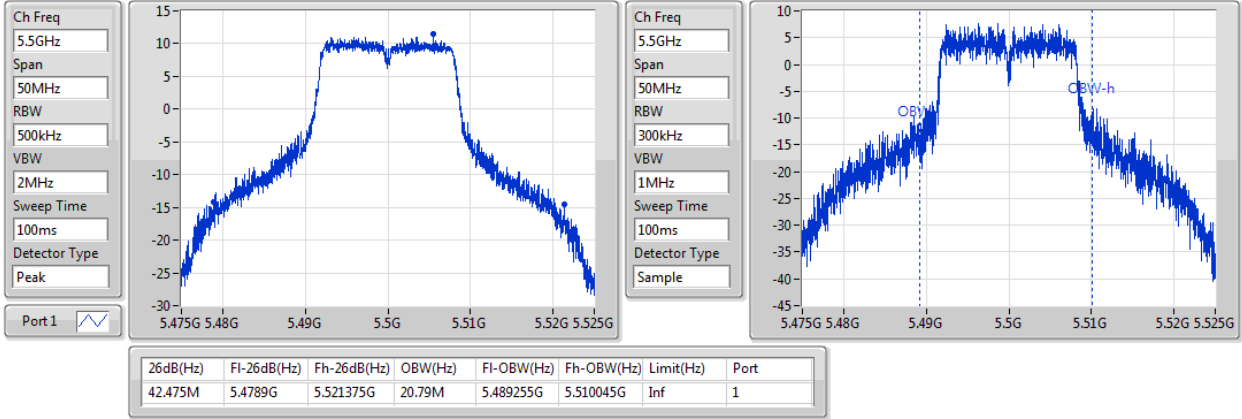


802.11a_(6Mbps)_1TX
EBW
5260MHz

802.11a_(6Mbps)_1TX
EBW
5300MHz

802.11a_(6Mbps)_1TX
EBW
5320MHz


802.11a_(6Mbps)_1TX

EBW

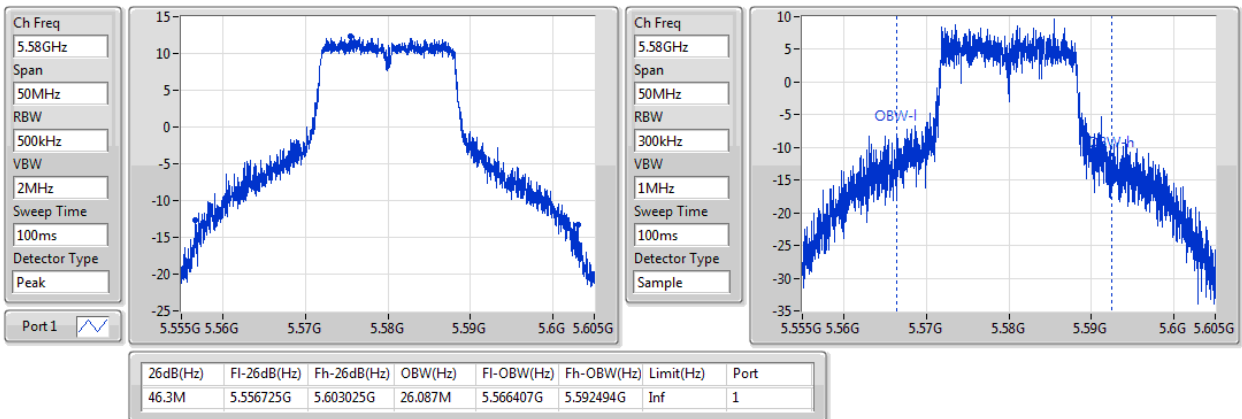
5500MHz



802.11a_(6Mbps)_1TX

EBW

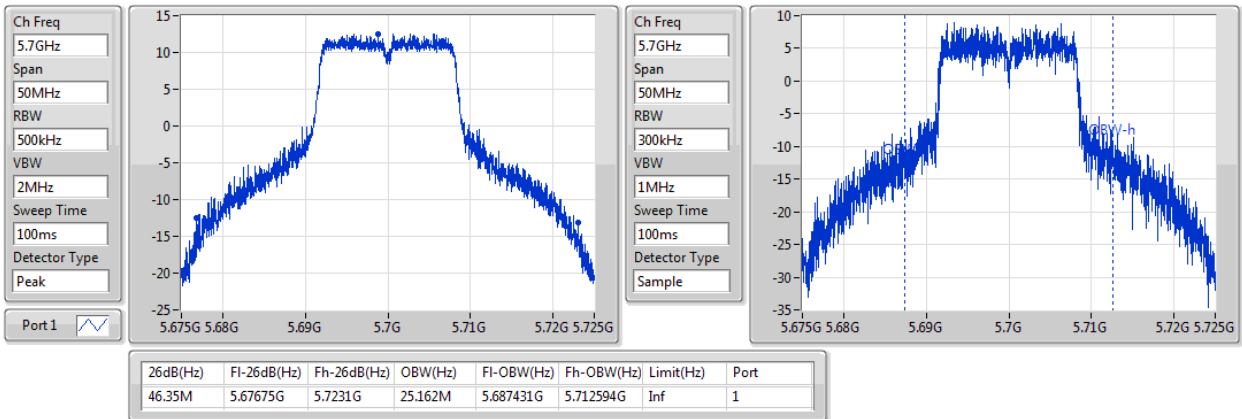
5580MHz



802.11a_(6Mbps)_1TX

EBW

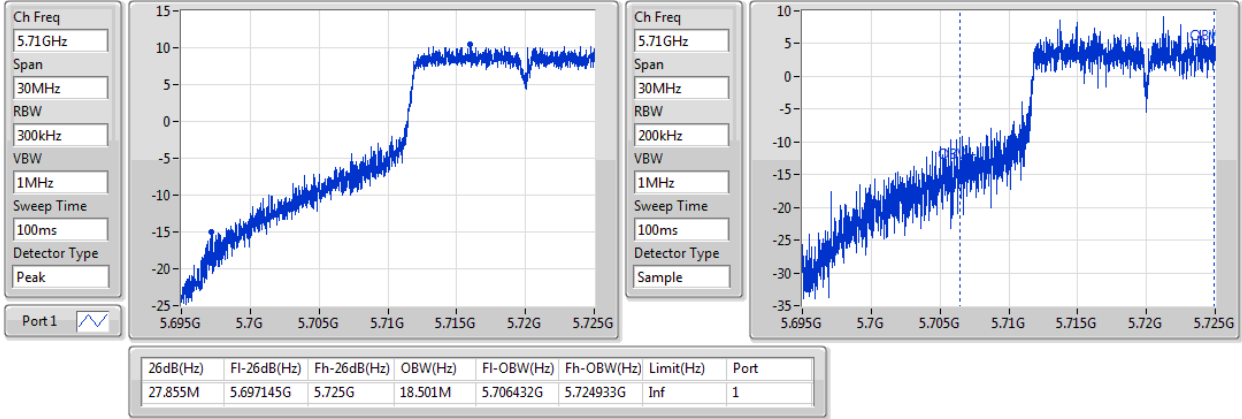
5700MHz



802.11a_(6Mbps)_1TX

EBW

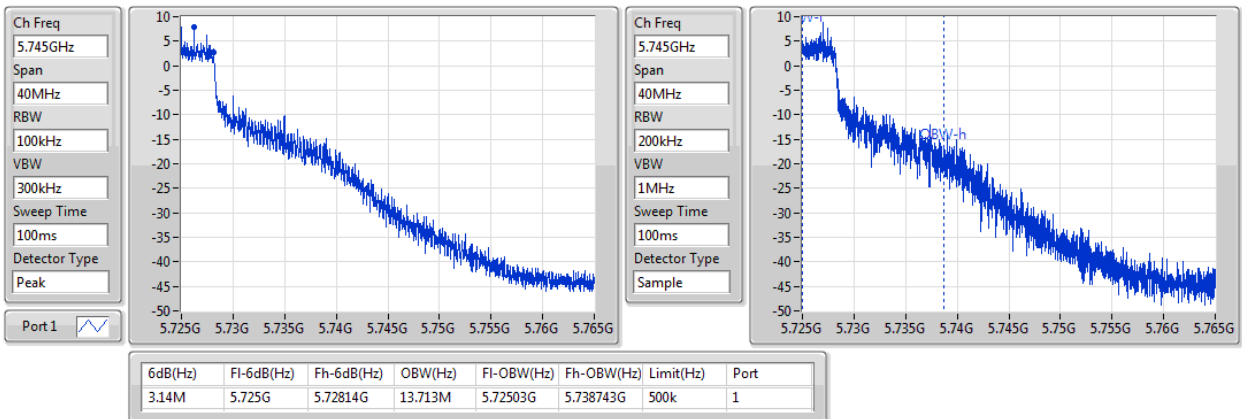
5720MHz Straddle 5.47-5.725GHz



802.11a_(6Mbps)_1TX

EBW

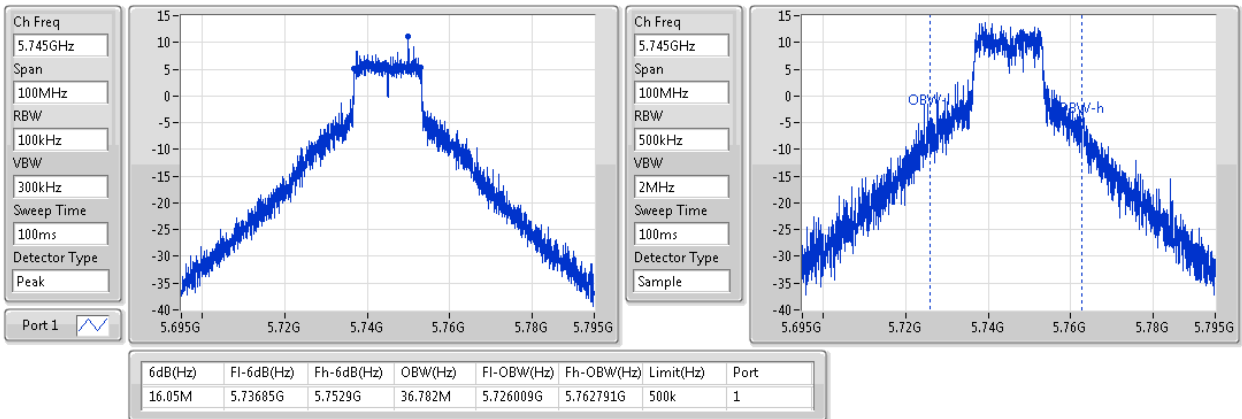
5720MHz Straddle 5.725-5.85GHz

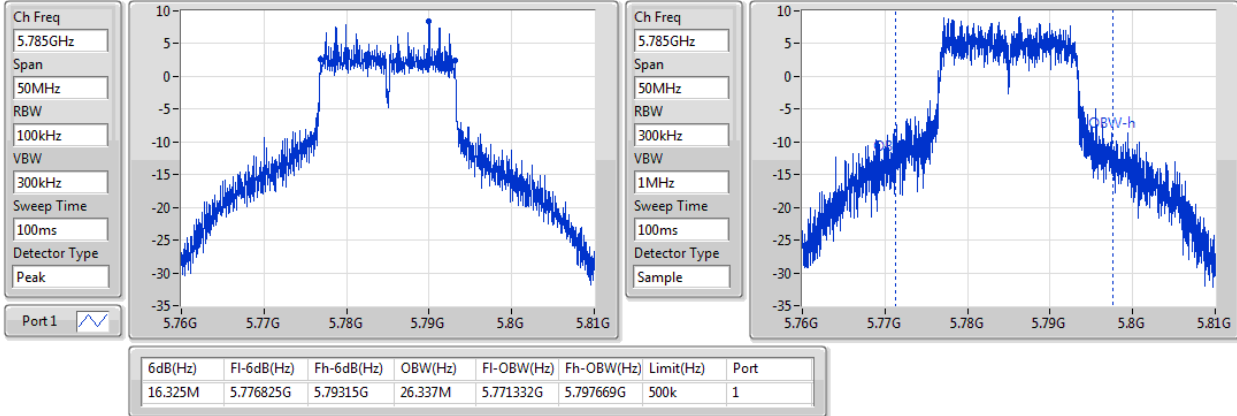
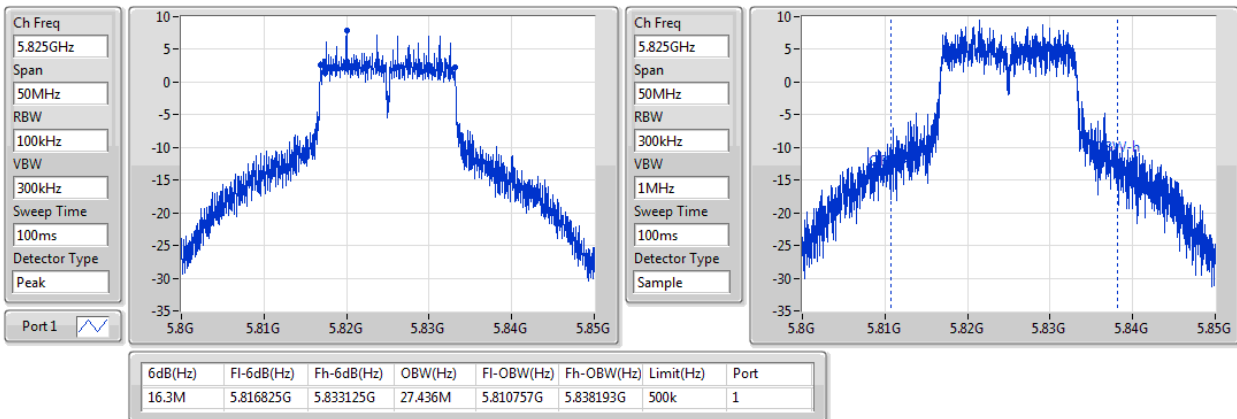
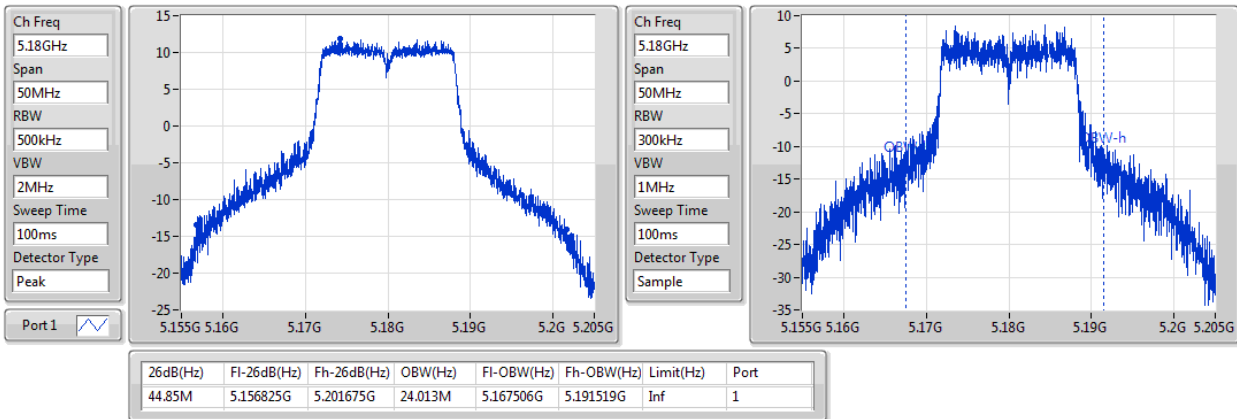


802.11a_(6Mbps)_1TX

EBW

5745MHz

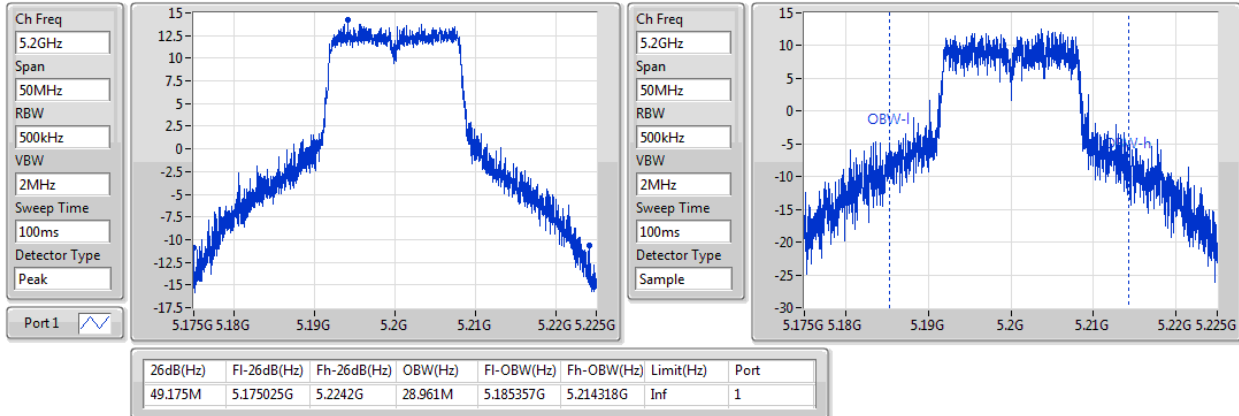


802.11a_(6Mbps)_1TX
EBW
5785MHz

802.11a_(6Mbps)_1TX
EBW
5825MHz

802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5180MHz


802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

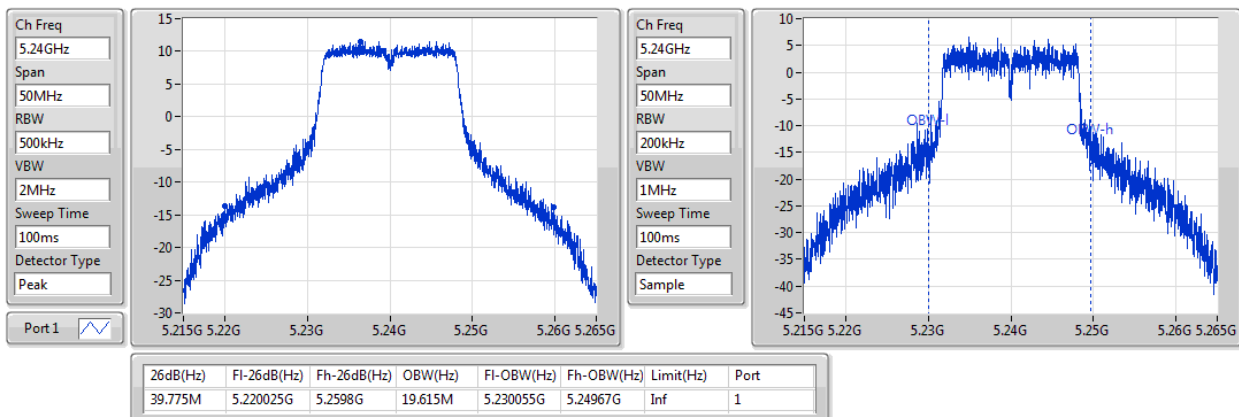
5200MHz



802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

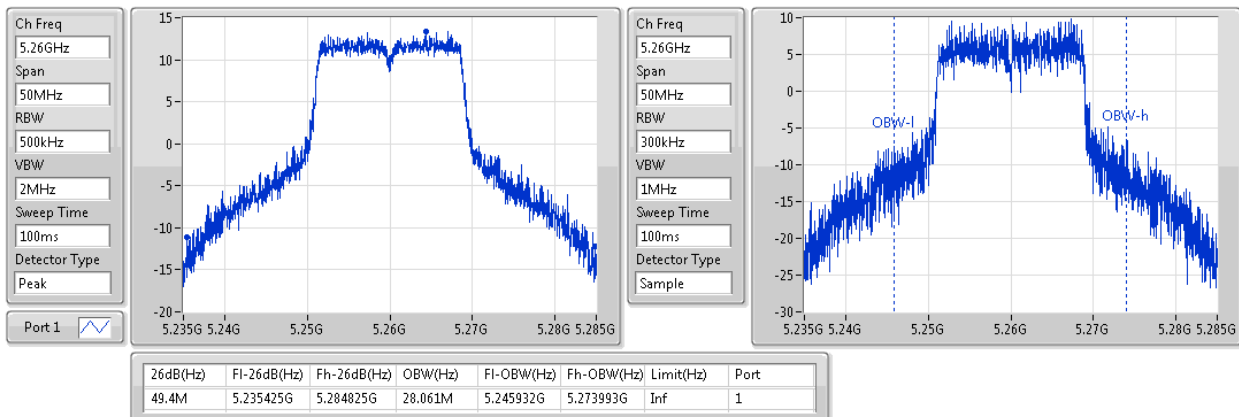
5240MHz



802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

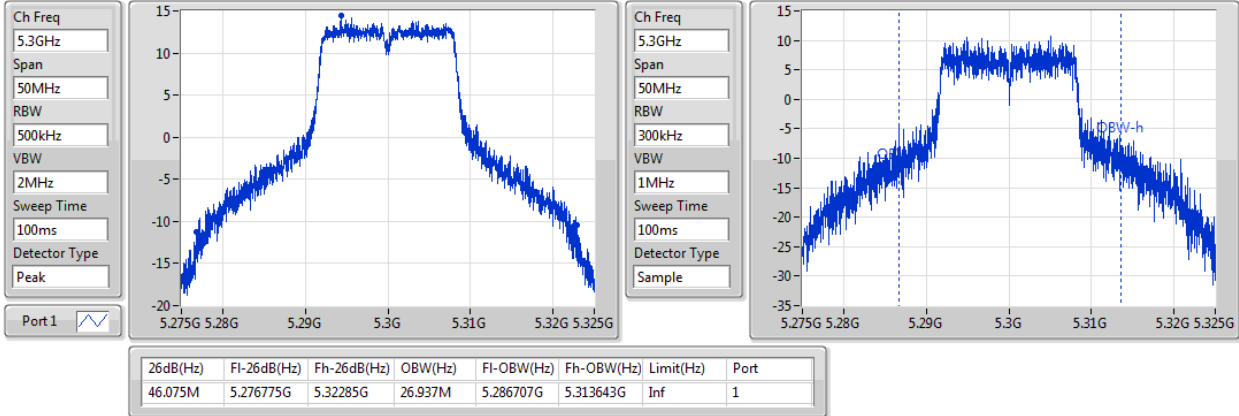
5260MHz



802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

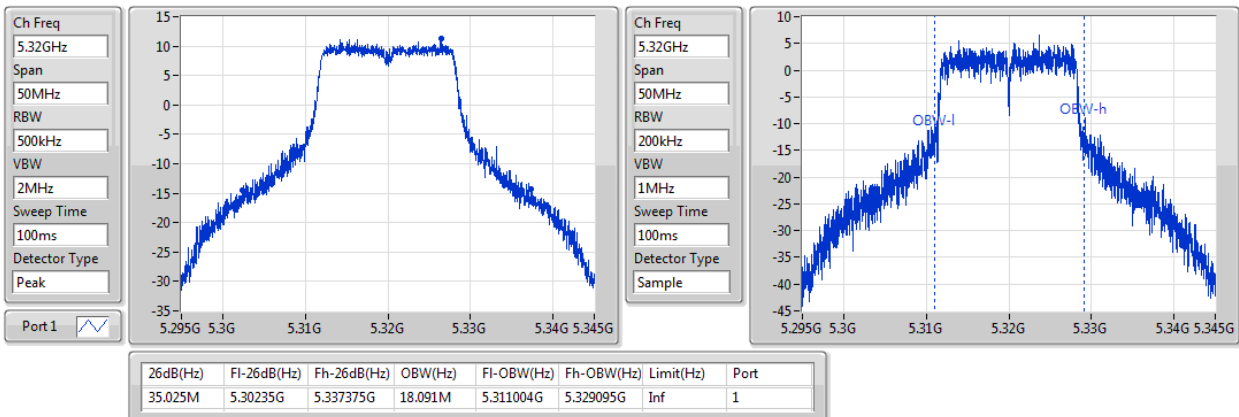
5300MHz



802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

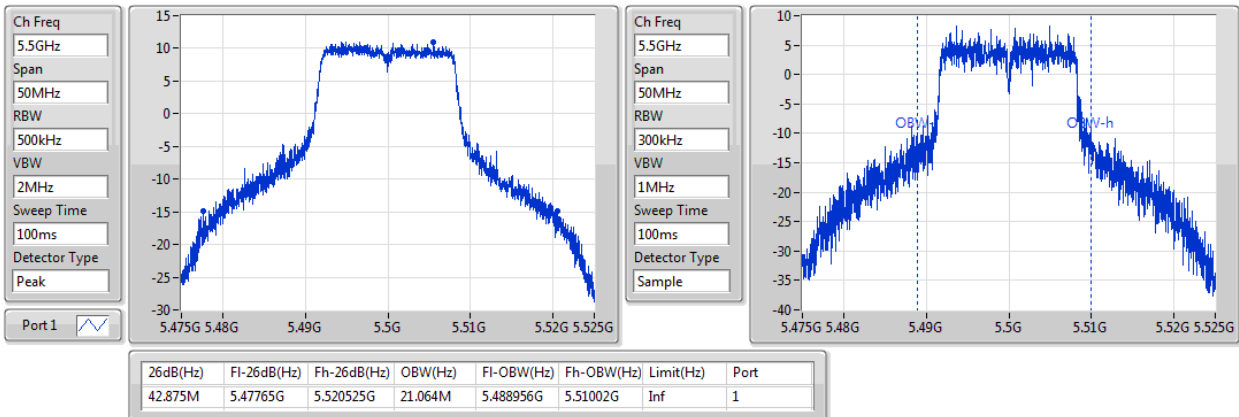
5320MHz



802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

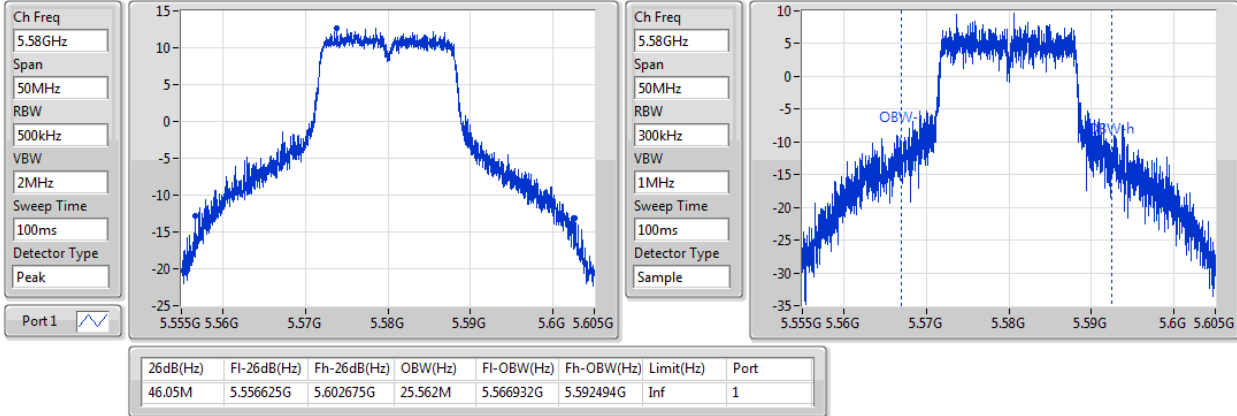
5500MHz



802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

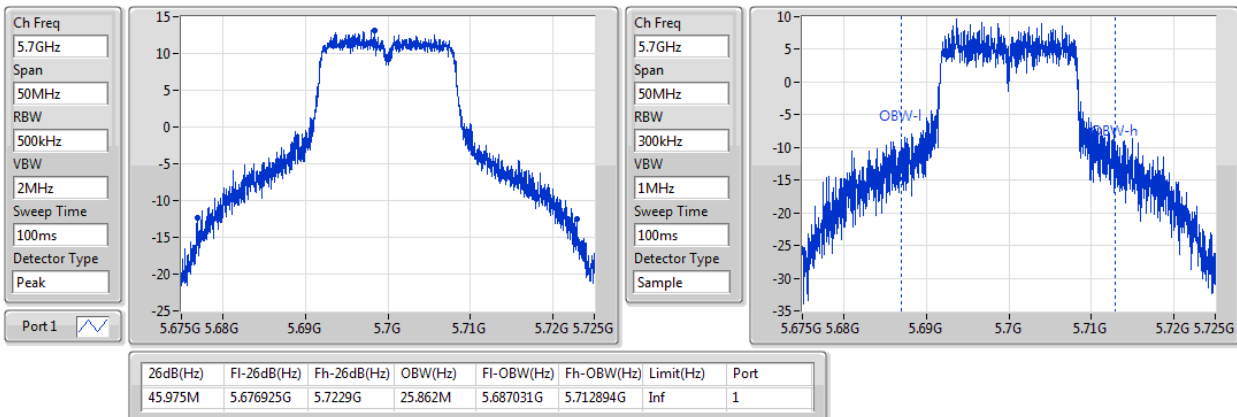
5580MHz



802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

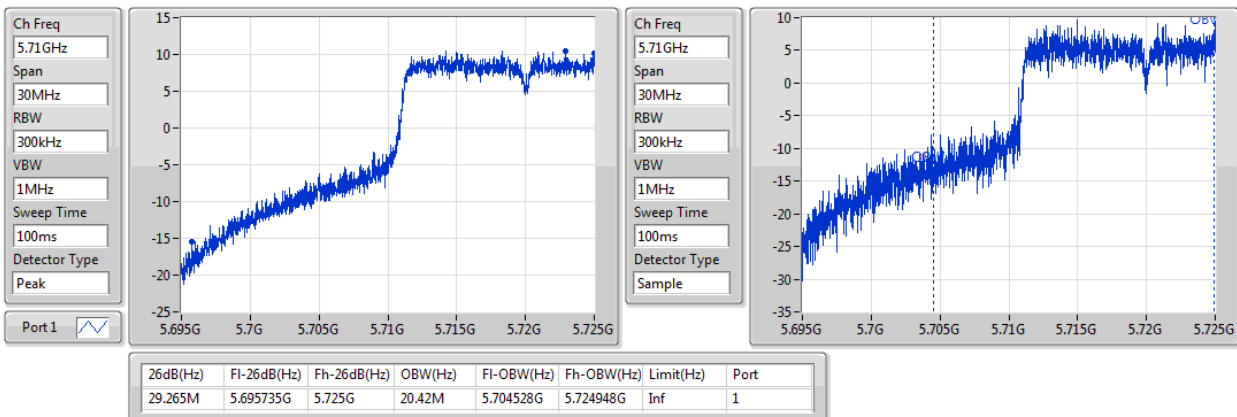
5700MHz

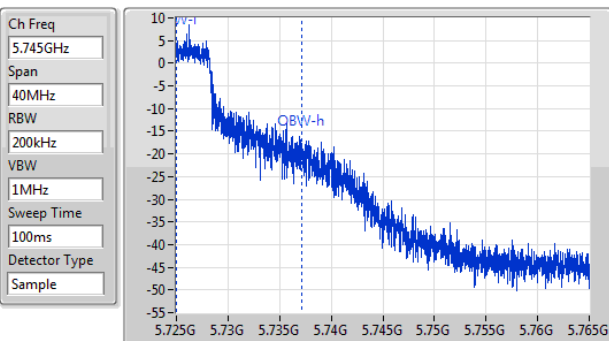
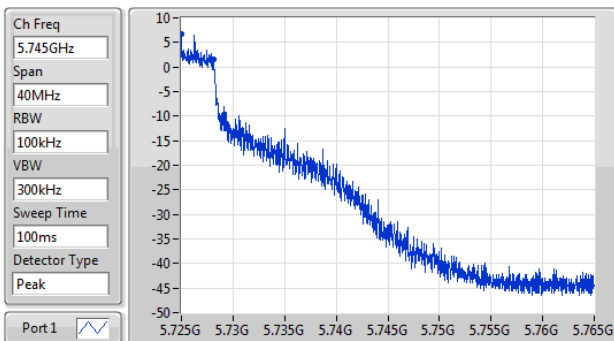


802.11ac VHT20_Nss1,(MCS0)_1TX

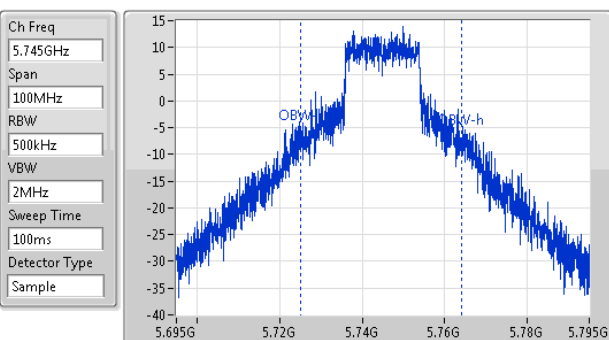
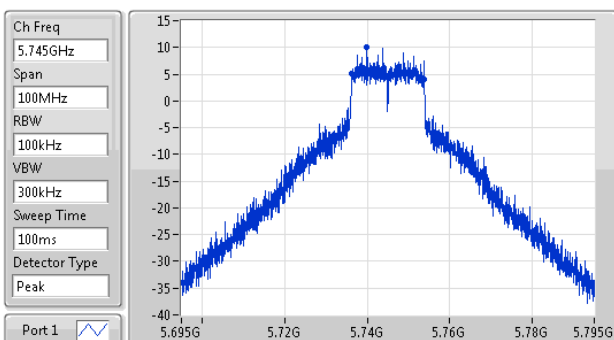
EBW

5720MHz Straddle 5.47-5.725GHz

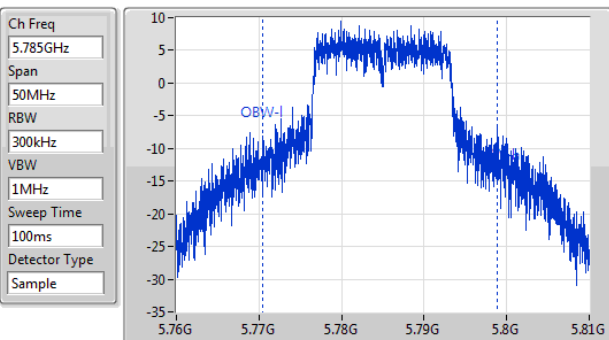
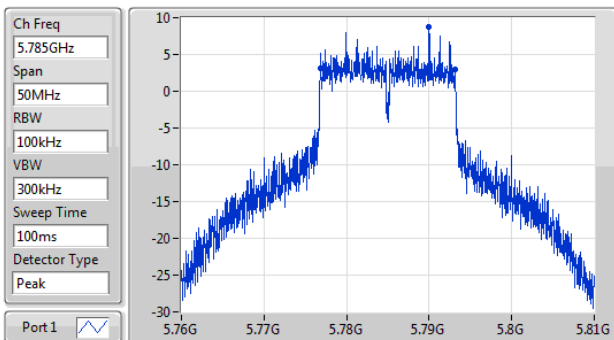


802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5720MHz Straddle 5.725-5.85GHz


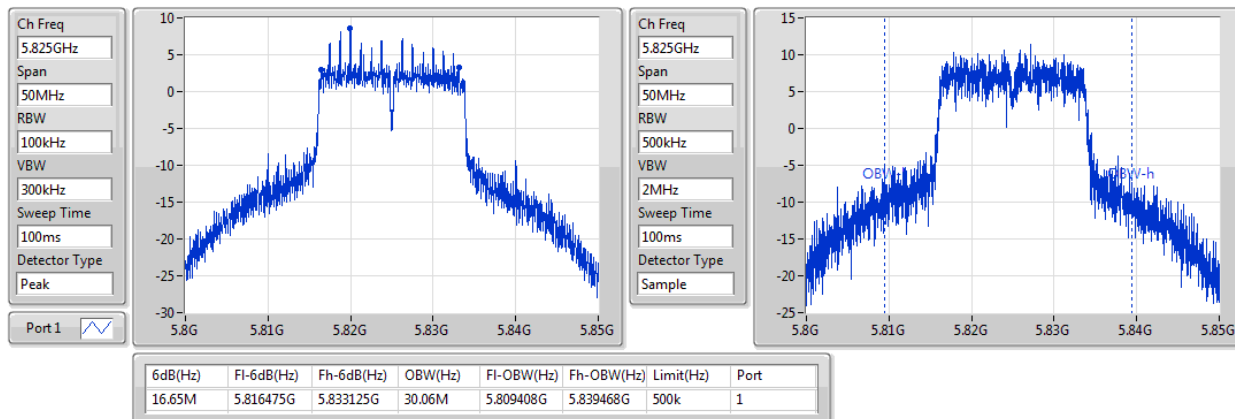
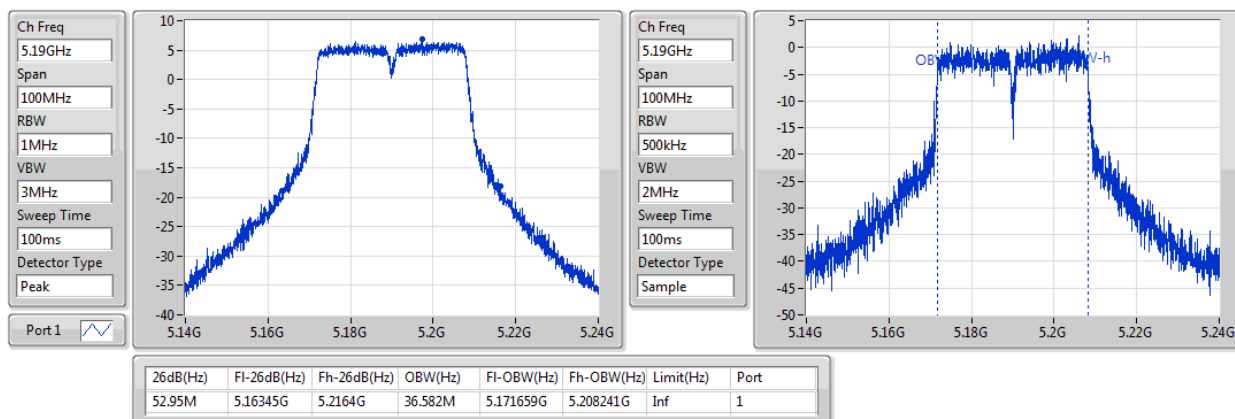
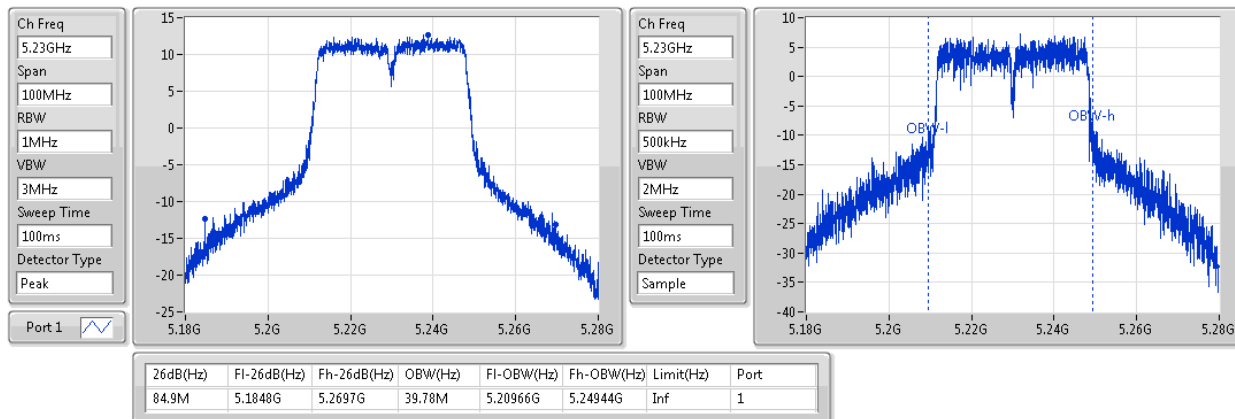
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.14M	5.725G	5.72814G	12.174M	5.72501G	5.737184G	500k	1

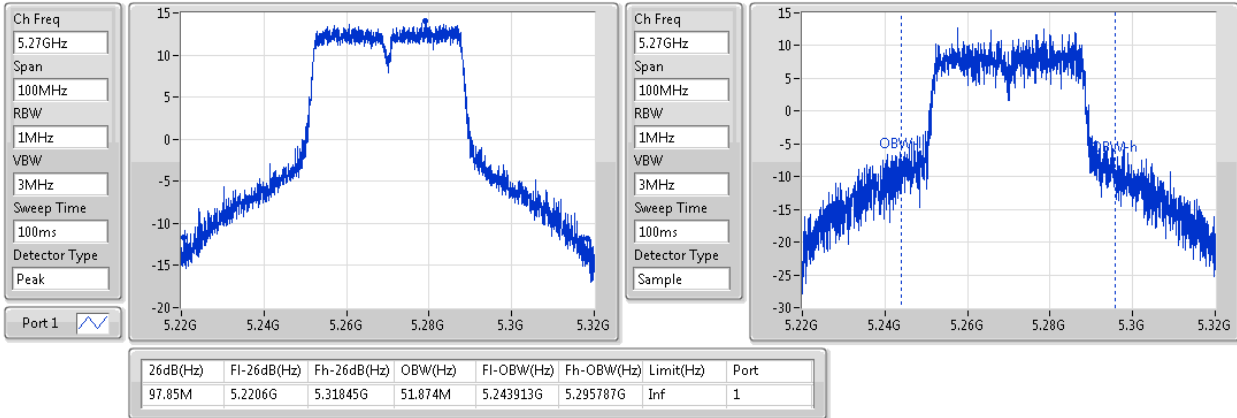
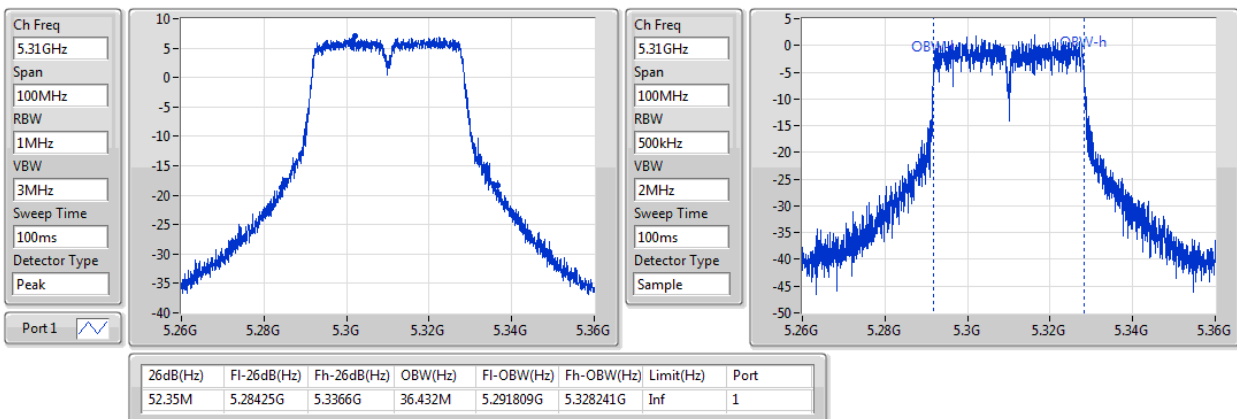
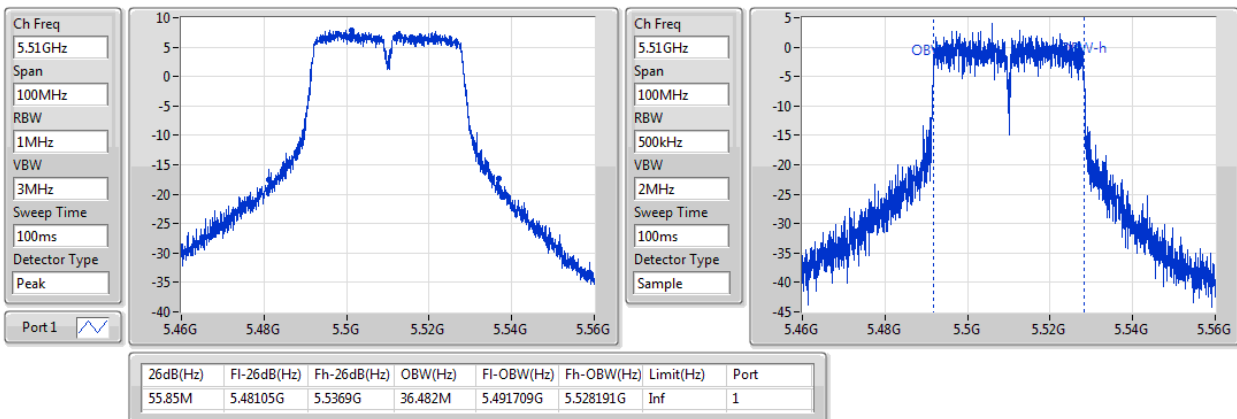
802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5745MHz


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.6M	5.7362G	5.7538G	39.03M	5.72516G	5.76419G	500k	1

802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5785MHz


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	5.77685G	5.79315G	28.436M	5.770482G	5.798918G	500k	1

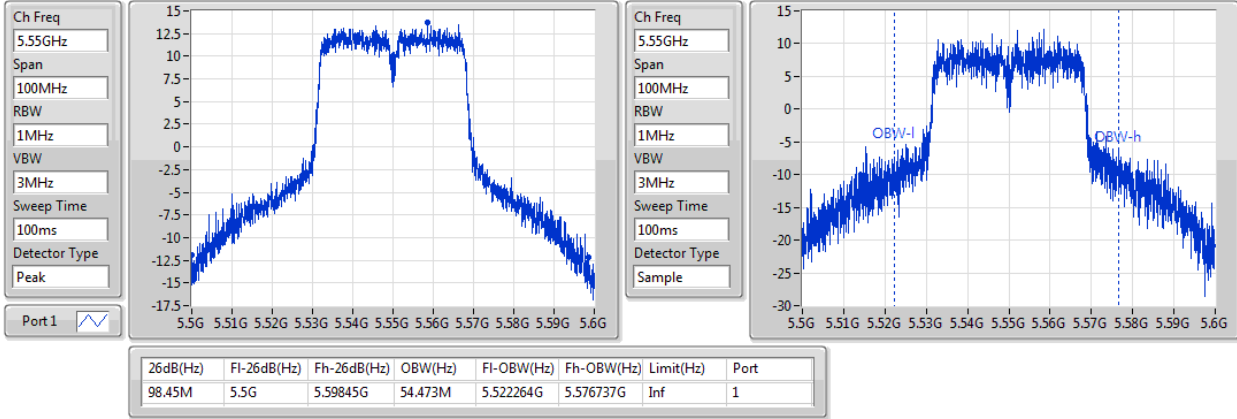
802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5825MHz

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

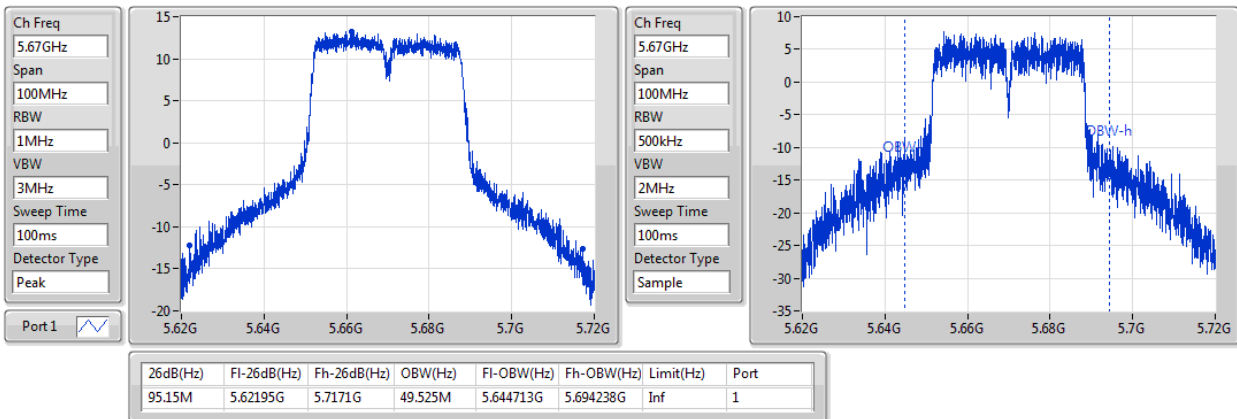
5550MHz



802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

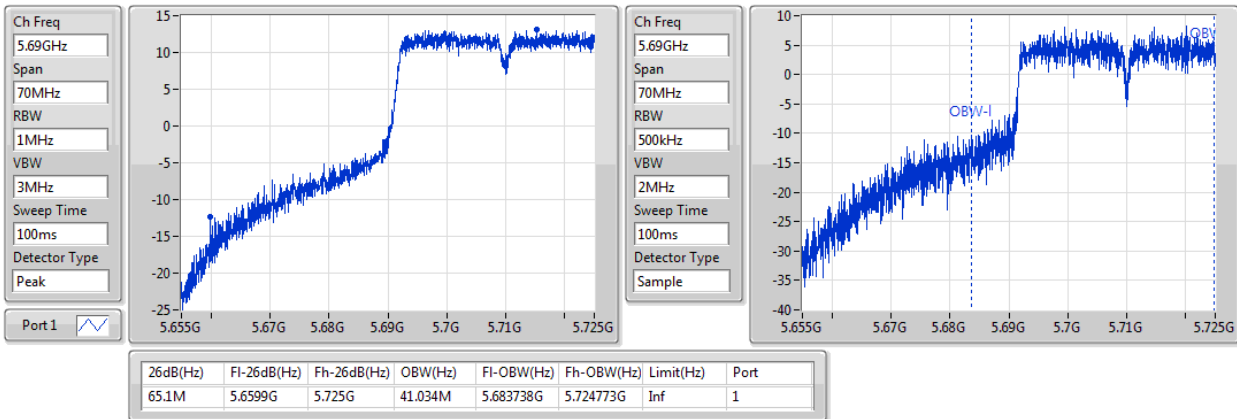
5670MHz



802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

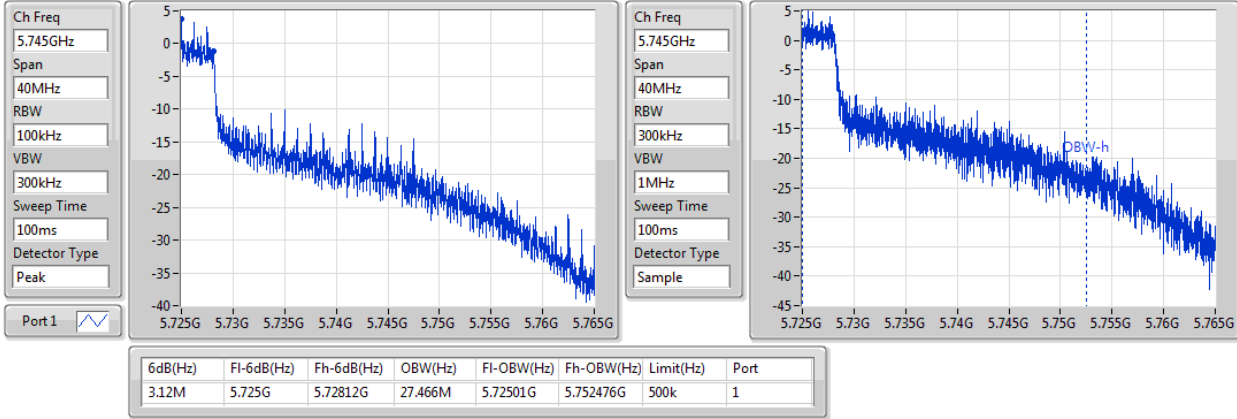
5710MHz Straddle 5.47-5.725GHz



802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

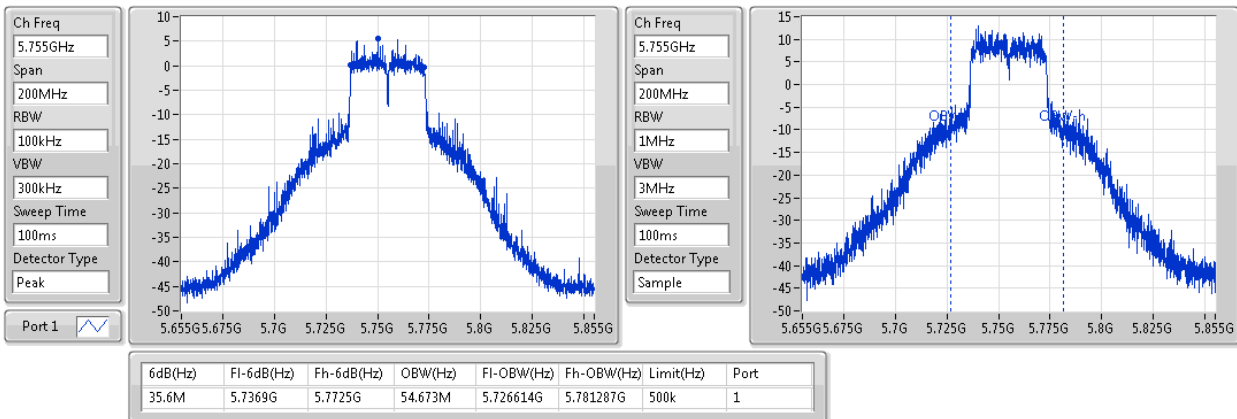
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

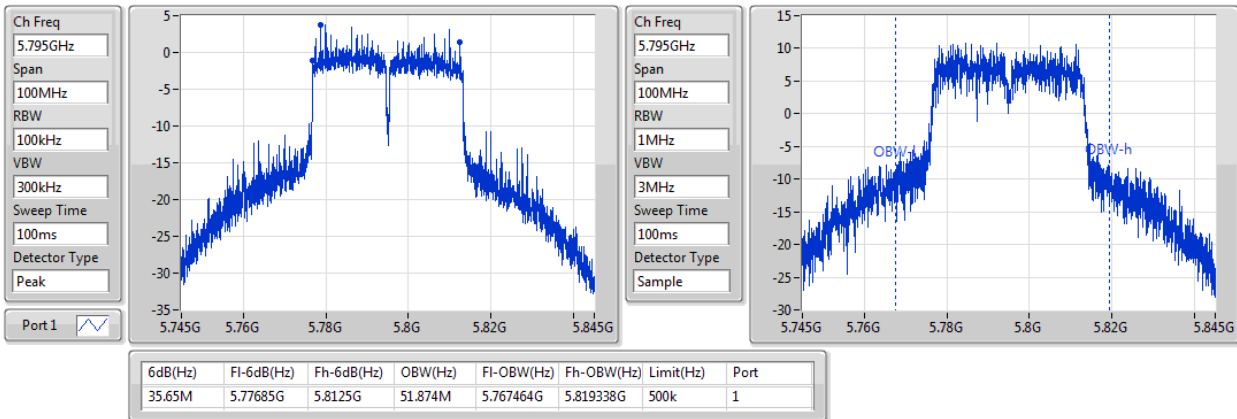
5755MHz



802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

5795MHz



802.11ac VHT80_Nss1,(MCS0)_1TX
EBW
5210MHz

Ch Freq
5.21GHz

Span
200MHz

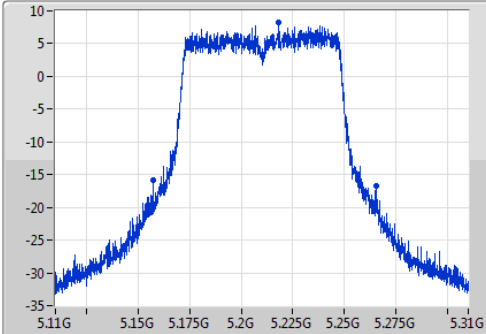
RBW
2MHz

VBW
10MHz

Sweep Time
100ms

Detector Type
Peak

Port1



Ch Freq
5.21GHz

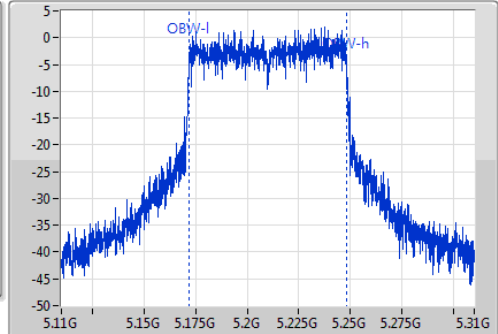
Span
200MHz

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
108.1M	5.1572G	5.2653G	76.262M	5.171919G	5.248181G	Inf	1

802.11ac VHT80_Nss1,(MCS0)_1TX
EBW
5290MHz

Ch Freq
5.29GHz

Span
200MHz

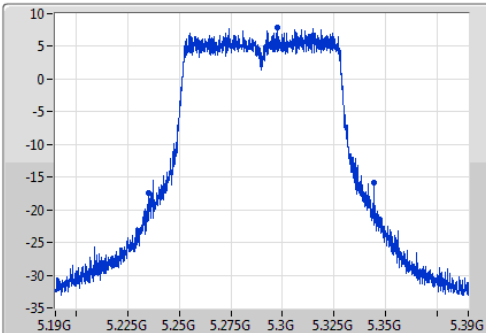
RBW
2MHz

VBW
10MHz

Sweep Time
100ms

Detector Type
Peak

Port1



Ch Freq
5.29GHz

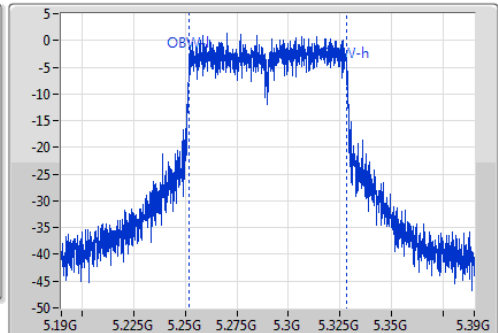
Span
200MHz

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
109.2M	5.2351G	5.3443G	76.362M	5.251819G	5.328181G	Inf	1

802.11ac VHT80_Nss1,(MCS0)_1TX
EBW
5530MHz

Ch Freq
5.53GHz

Span
200MHz

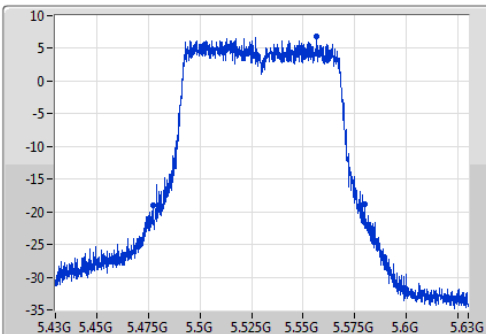
RBW
2MHz

VBW
10MHz

Sweep Time
100ms

Detector Type
Peak

Port1



Ch Freq
5.53GHz

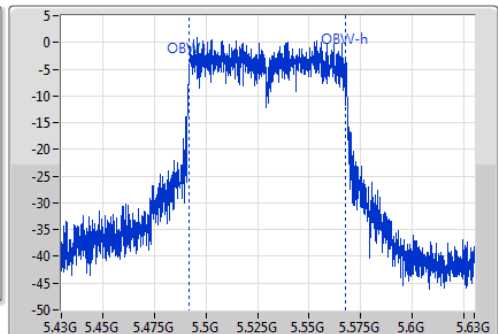
Span
200MHz

RBW
1MHz

VBW
3MHz

Sweep Time
100ms

Detector Type
Sample

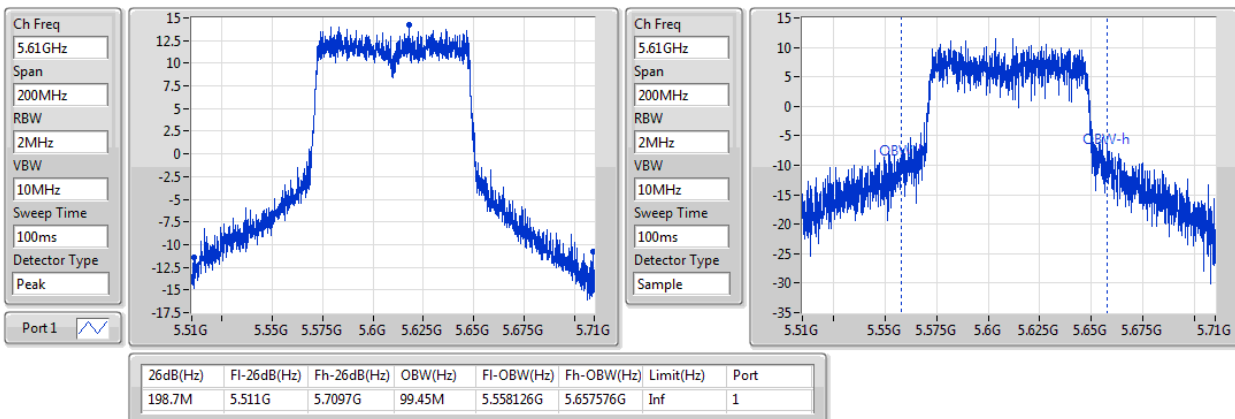


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
102.9M	5.4771G	5.58G	76.062M	5.491819G	5.567881G	Inf	1

802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

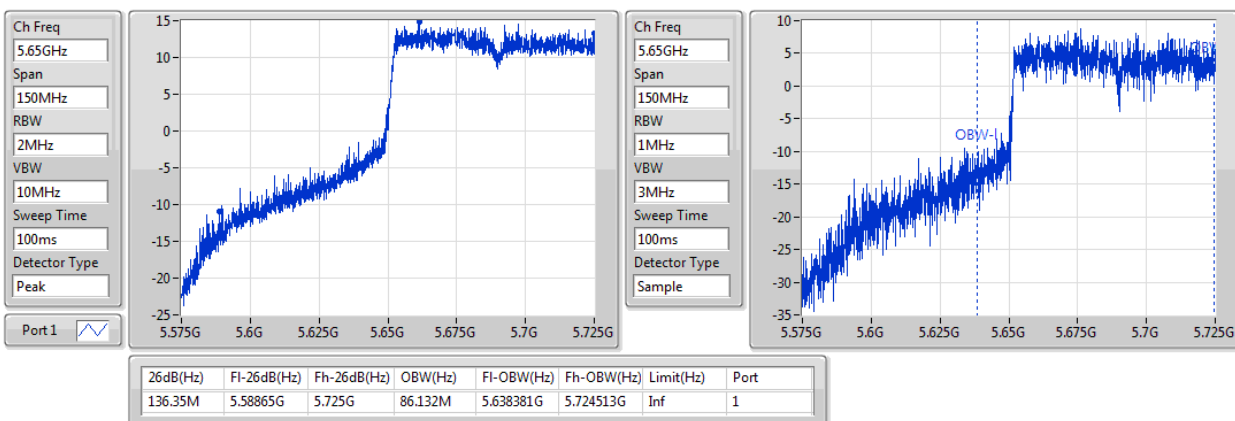
5610MHz



802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

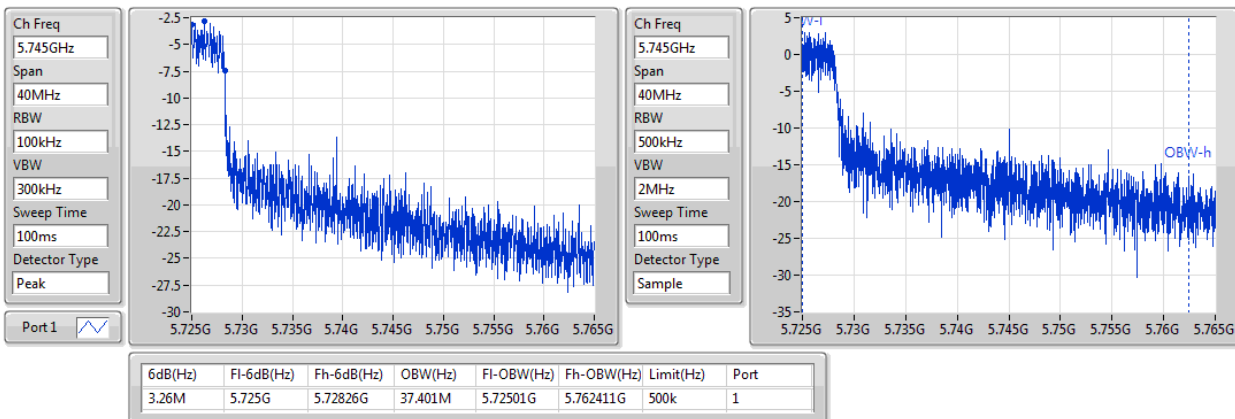
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

5690MHz Straddle 5.725-5.85GHz



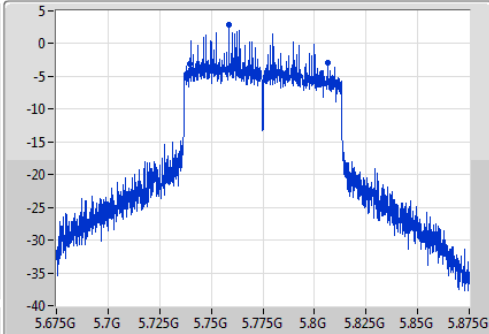


802.11ac VHT80_Nss1,(MCS0)_1TX

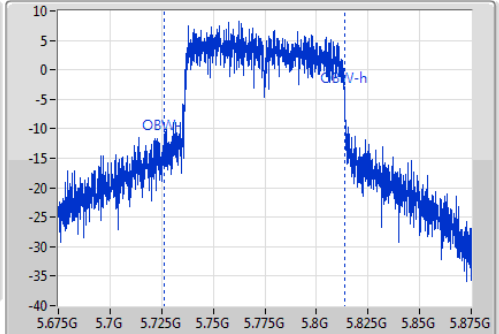
EBW

5775MHz

Ch Freq
5.775GHz
Span
200MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak
Port1



Ch Freq
5.775GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
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
66.6M	5.7397G	5.8063G	87.256M	5.726524G	5.813781G	500k	1

**For Set 3 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	48.35M	28.361M	28M4D1D	34.5M	17.641M
5.25-5.35GHz	49.95M	33.533M	33M5D1D	35.85M	17.891M
5.47-5.725GHz	50M	35.182M	35M2D1D	28.225M	16.967M
5.725-5.85GHz	16.4M	35.857M	35M9D1D	3.18M	21.789M
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5.15-5.25GHz	49.825M	28.936M	28M9D1D	35.2M	18.316M
5.25-5.35GHz	50M	34.833M	34M8D1D	38.325M	18.566M
5.47-5.725GHz	50M	36.832M	36M8D1D	30M	17.991M
5.725-5.85GHz	17.55M	38.181M	38M2D1D	3.76M	22.309M
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5.15-5.25GHz	76.45M	37.481M	37M5D1D	53.2M	36.532M
5.25-5.35GHz	99.35M	57.921M	57M9D1D	53.05M	36.382M
5.47-5.725GHz	99.15M	54.023M	54M0D1D	55.25M	36.432M
5.725-5.85GHz	36.3M	71.814M	71M8D1D	3.26M	35.062M
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5.15-5.25GHz	103.8M	76.162M	76M2D1D	103.8M	76.162M
5.25-5.35GHz	105.1M	76.162M	76M2D1D	105.1M	76.162M
5.47-5.725GHz	175M	107.796M	108MD1D	104.4M	76.162M
5.725-5.85GHz	68.8M	88.656M	88M7D1D	3.2M	38.821M

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	34.5M	17.641M
5200MHz	Pass	Inf	48.35M	28.361M
5240MHz	Pass	Inf	38.4M	19.015M
5260MHz	Pass	Inf	49.95M	33.533M
5300MHz	Pass	Inf	47.55M	29.01M
5320MHz	Pass	Inf	35.85M	17.891M
5500MHz	Pass	Inf	41.125M	19.815M
5580MHz	Pass	Inf	50M	35.182M
5700MHz	Pass	Inf	28.225M	16.967M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	30M	23.613M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.18M	21.789M
5745MHz	Pass	500k	16.4M	35.032M
5785MHz	Pass	500k	16.275M	35.482M
5825MHz	Pass	500k	16.325M	35.857M
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	35.2M	18.316M
5200MHz	Pass	Inf	49.825M	28.936M
5240MHz	Pass	Inf	40.475M	19.44M
5260MHz	Pass	Inf	50M	34.833M
5300MHz	Pass	Inf	49.875M	29.885M
5320MHz	Pass	Inf	38.325M	18.566M
5500MHz	Pass	Inf	42.275M	20.515M
5580MHz	Pass	Inf	50M	36.832M
5700MHz	Pass	Inf	30.9M	17.991M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	30M	24.318M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.76M	22.309M
5745MHz	Pass	500k	17.55M	36.707M
5785MHz	Pass	500k	17.55M	36.707M
5825MHz	Pass	500k	17.55M	38.181M
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	53.2M	36.532M
5230MHz	Pass	Inf	76.45M	37.481M
5270MHz	Pass	Inf	99.35M	57.921M
5310MHz	Pass	Inf	53.05M	36.382M
5510MHz	Pass	Inf	55.25M	36.432M
5550MHz	Pass	Inf	99.15M	54.023M
5670MHz	Pass	Inf	88.05M	42.579M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	70M	52.649M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.26M	35.062M
5755MHz	Pass	500k	36.3M	54.723M
5795MHz	Pass	500k	35.65M	71.814M



Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	103.8M	76.162M
5290MHz	Pass	Inf	105.1M	76.162M
5530MHz	Pass	Inf	104.4M	76.162M
5610MHz	Pass	Inf	175M	81.759M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	143.925M	107.796M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.2M	38.821M
5775MHz	Pass	500k	68.8M	88.656M

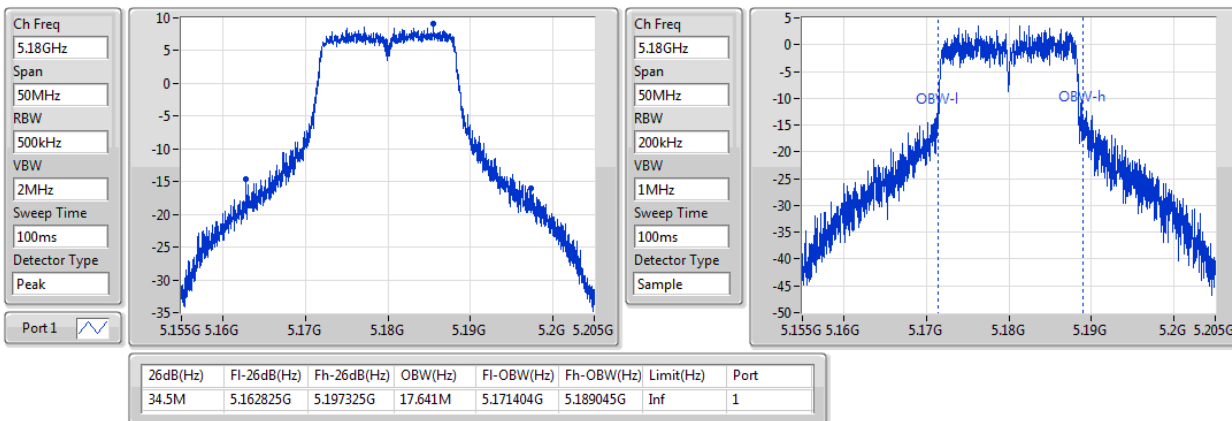
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

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

802.11a_(6Mbps)_1TX

EBW

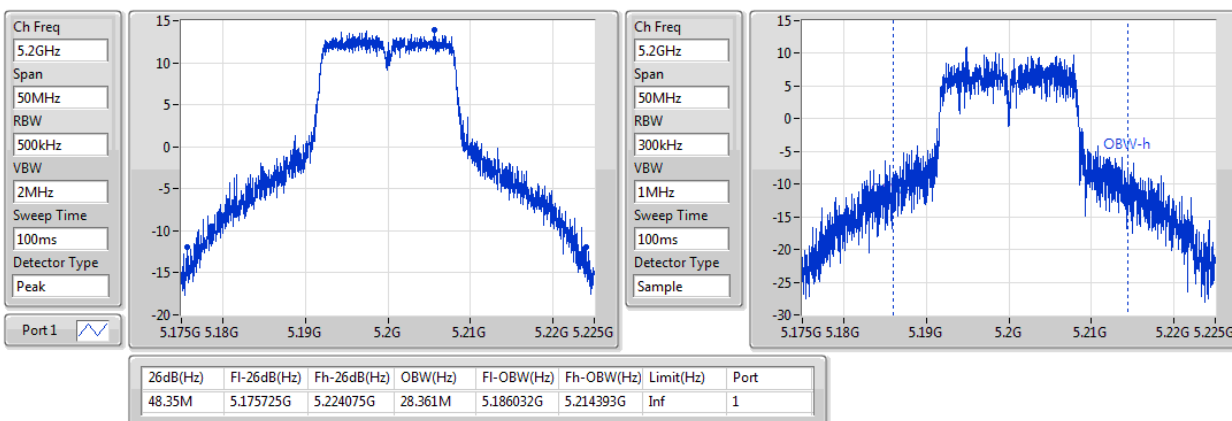
5180MHz



802.11a_(6Mbps)_1TX

EBW

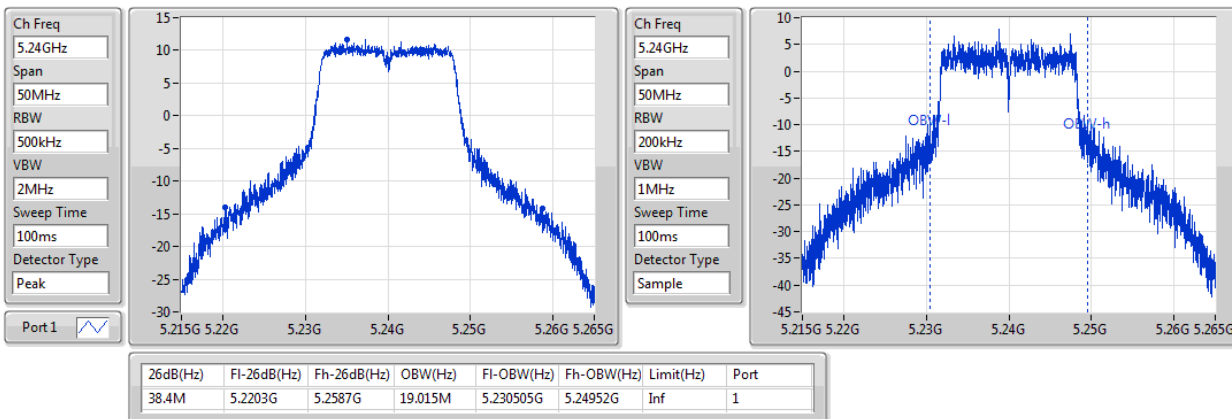
5200MHz



802.11a_(6Mbps)_1TX

EBW

5240MHz

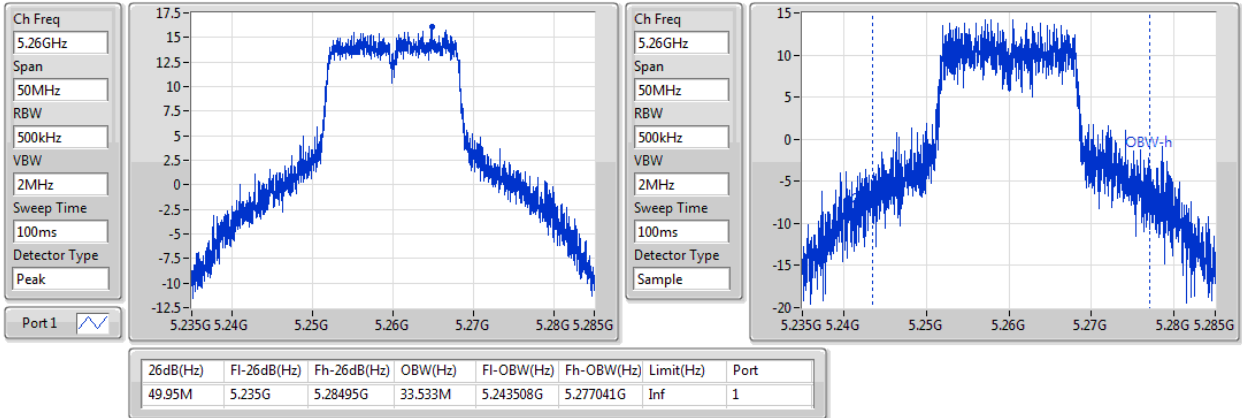




802.11a_(6Mbps)_1TX

EBW

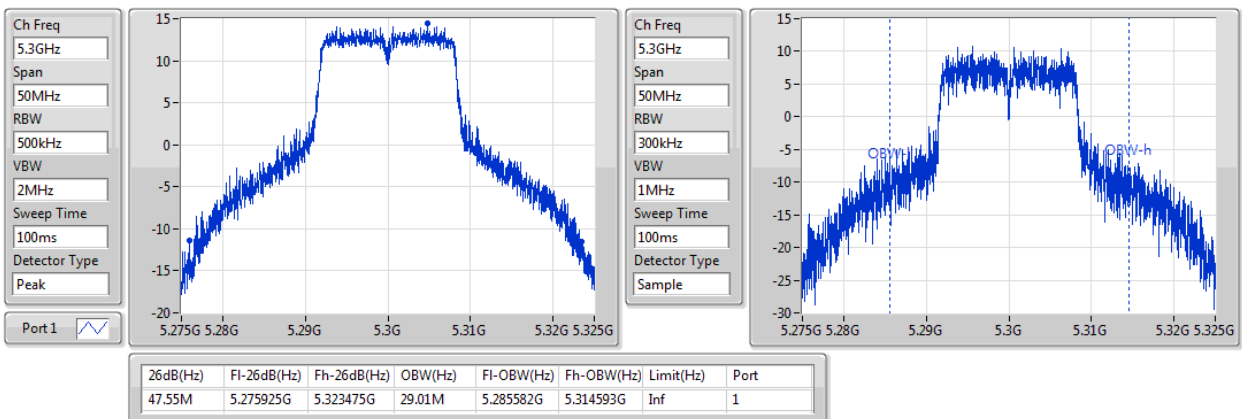
5260MHz



802.11a_(6Mbps)_1TX

EBW

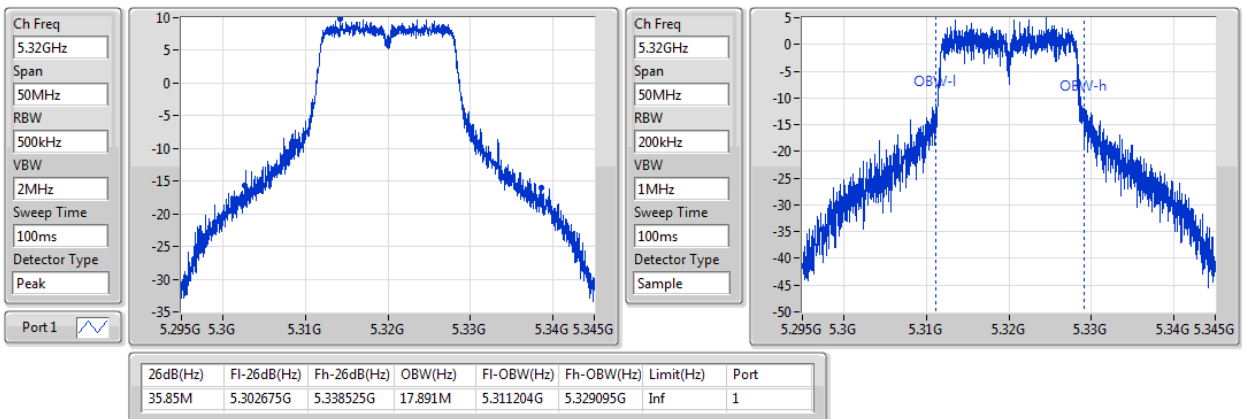
5300MHz



802.11a_(6Mbps)_1TX

EBW

5320MHz

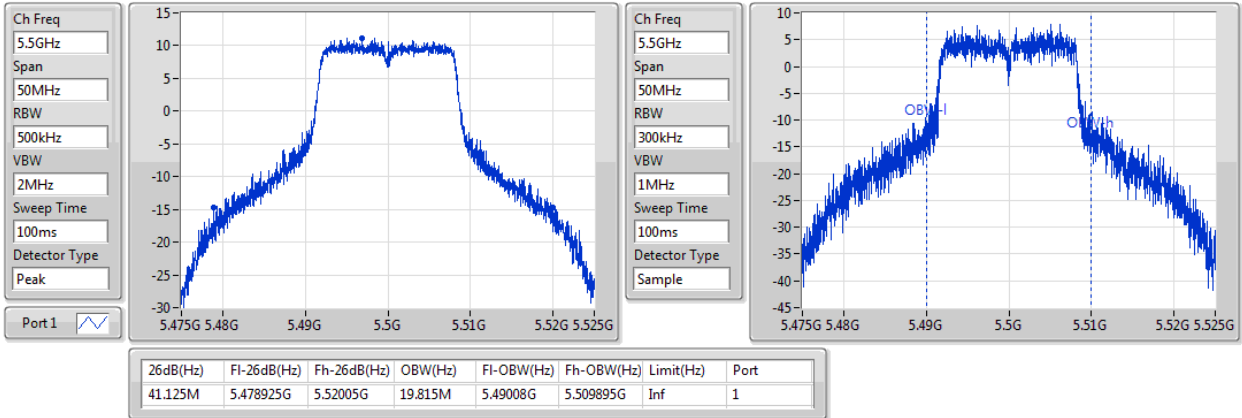




802.11a_(6Mbps)_1TX

EBW

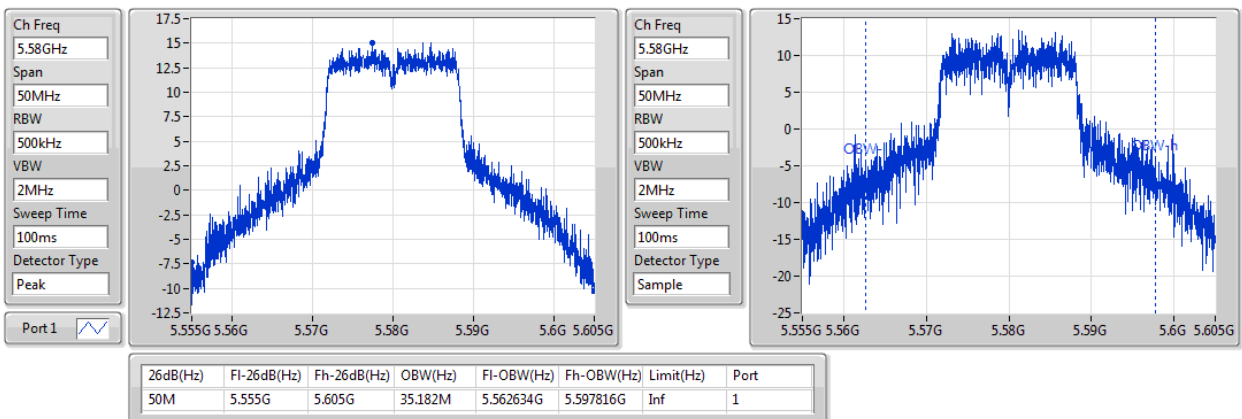
5500MHz



802.11a_(6Mbps)_1TX

EBW

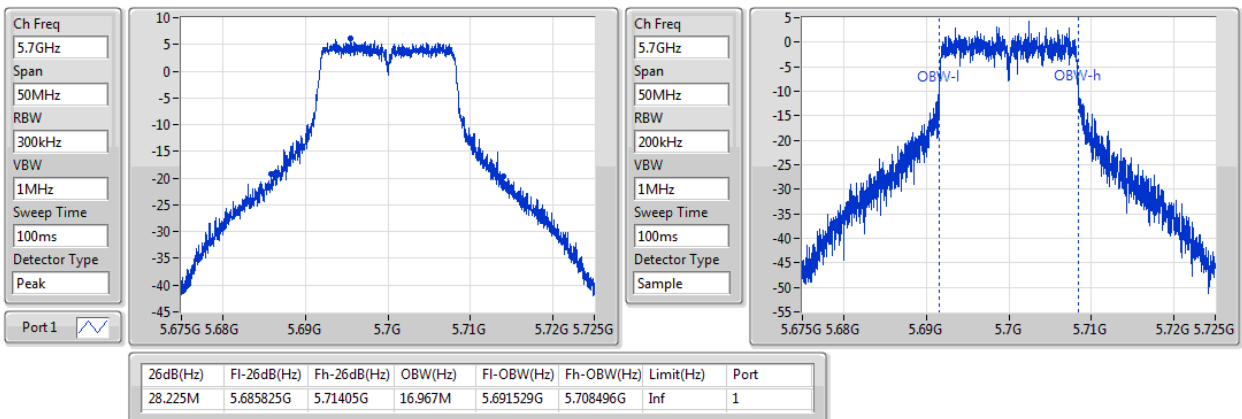
5580MHz



802.11a_(6Mbps)_1TX

EBW

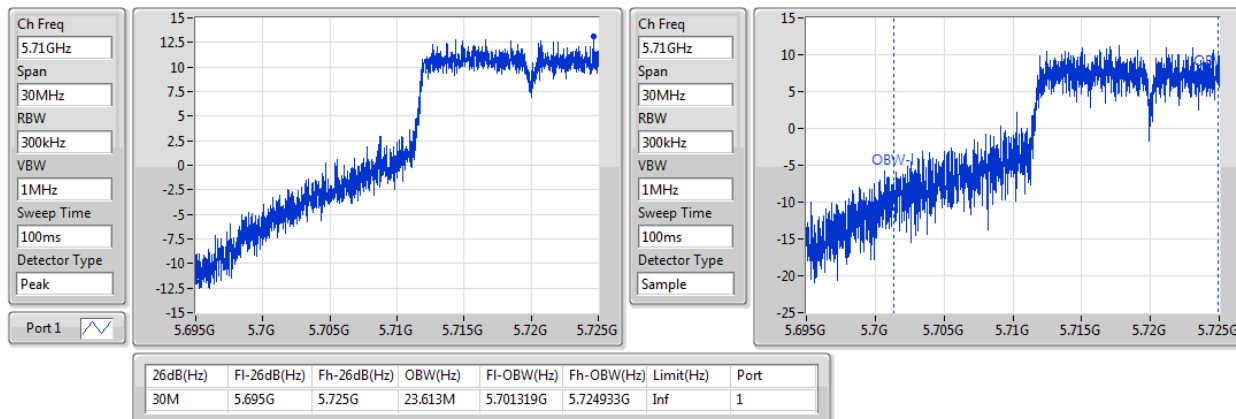
5700MHz



802.11a_(6Mbps)_1TX

EBW

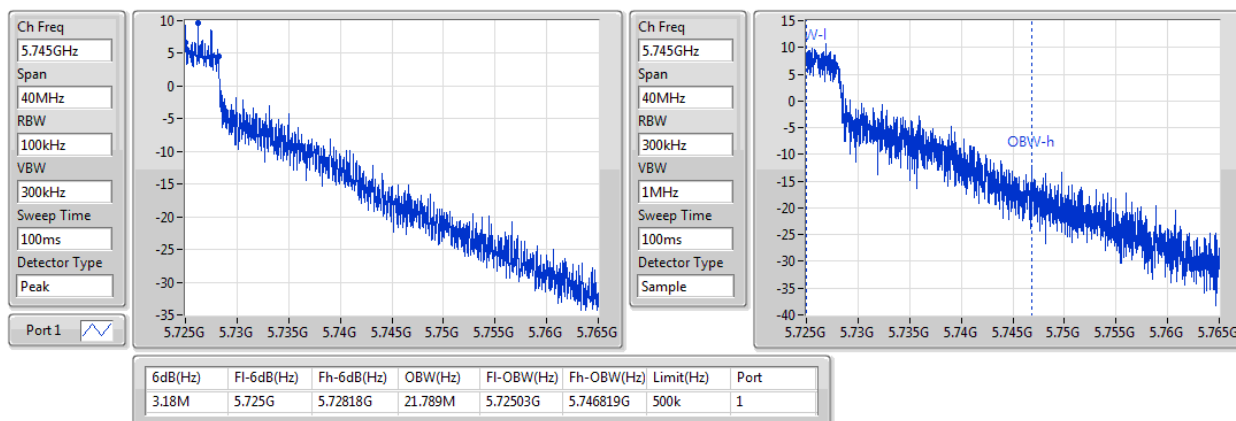
5720MHz Straddle 5.47-5.725GHz



802.11a_(6Mbps)_1TX

EBW

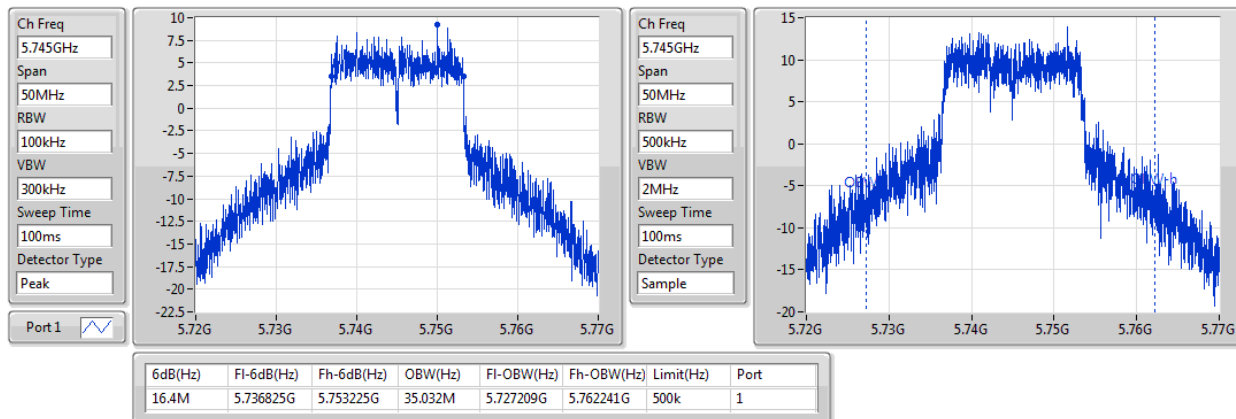
5720MHz Straddle 5.725-5.85GHz



802.11a_(6Mbps)_1TX

EBW

5745MHz



802.11a_(6Mbps)_1TX
EBW
5785MHz

Ch Freq
5.785GHz

Span
50MHz

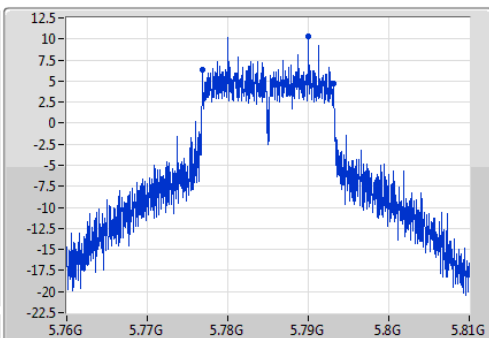
RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak

Port1



Ch Freq
5.785GHz

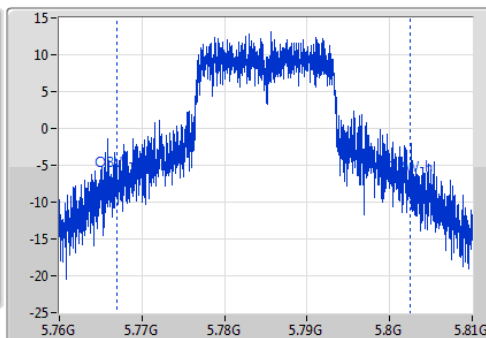
Span
50MHz

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
16.275M	5.776875G	5.79315G	35.482M	5.766934G	5.802416G	500k	1

802.11a_(6Mbps)_1TX
EBW
5825MHz

Ch Freq
5.825GHz

Span
50MHz

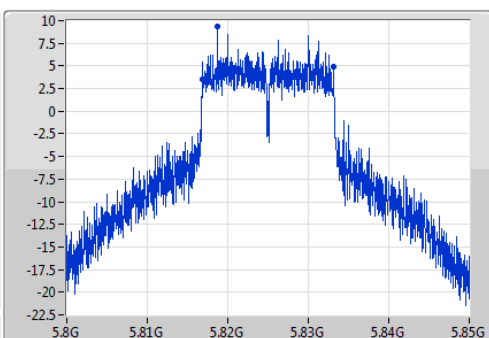
RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak

Port1



Ch Freq
5.825GHz

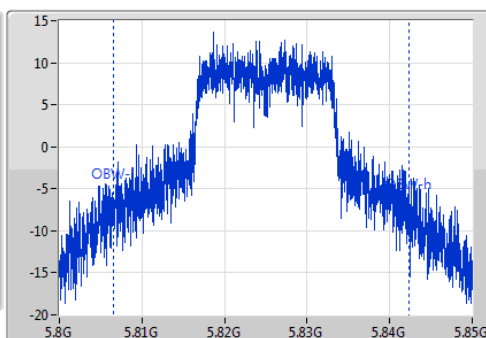
Span
50MHz

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
16.325M	5.816825G	5.83315G	35.857M	5.806534G	5.842391G	500k	1

802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5180MHz

Ch Freq
5.18GHz

Span
50MHz

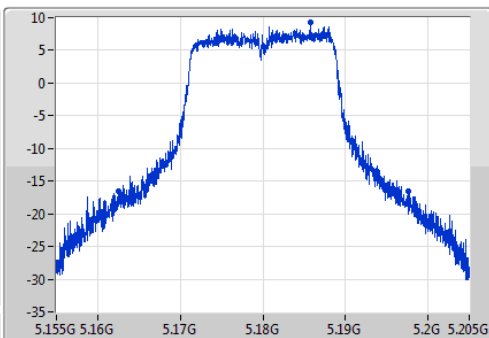
RBW
500kHz

VBW
2MHz

Sweep Time
100ms

Detector Type
Peak

Port1



Ch Freq
5.18GHz

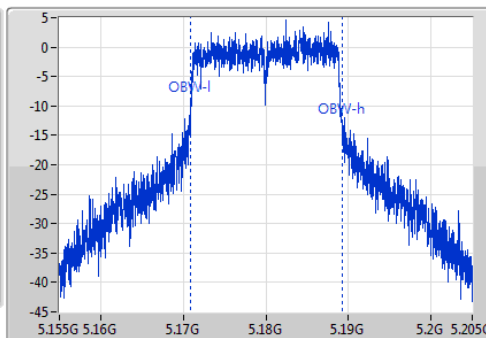
Span
50MHz

RBW
200kHz

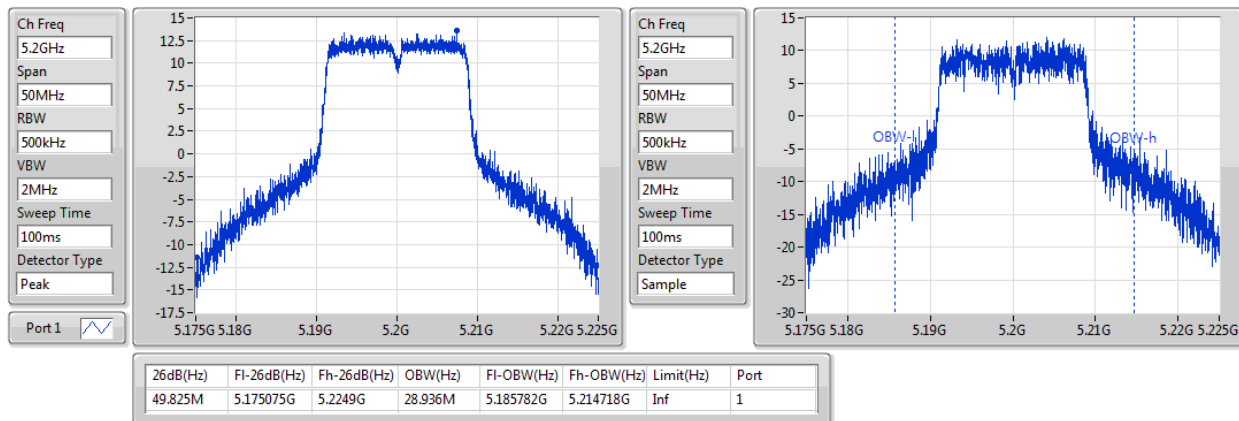
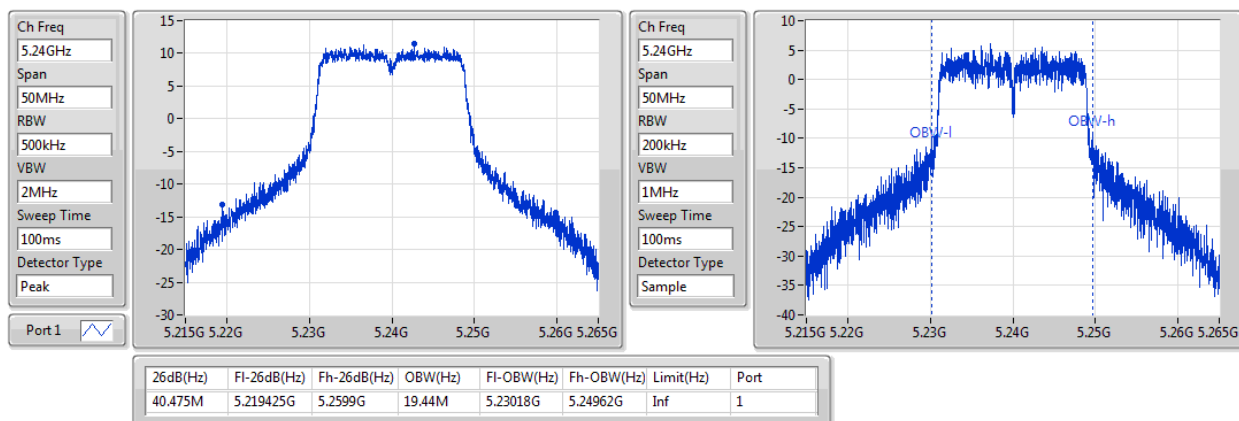
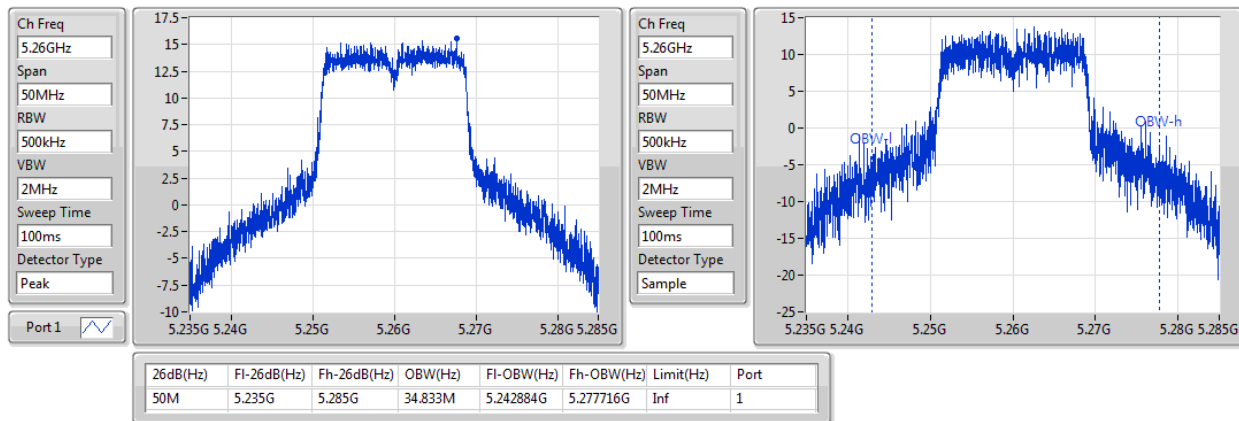
VBW
1MHz

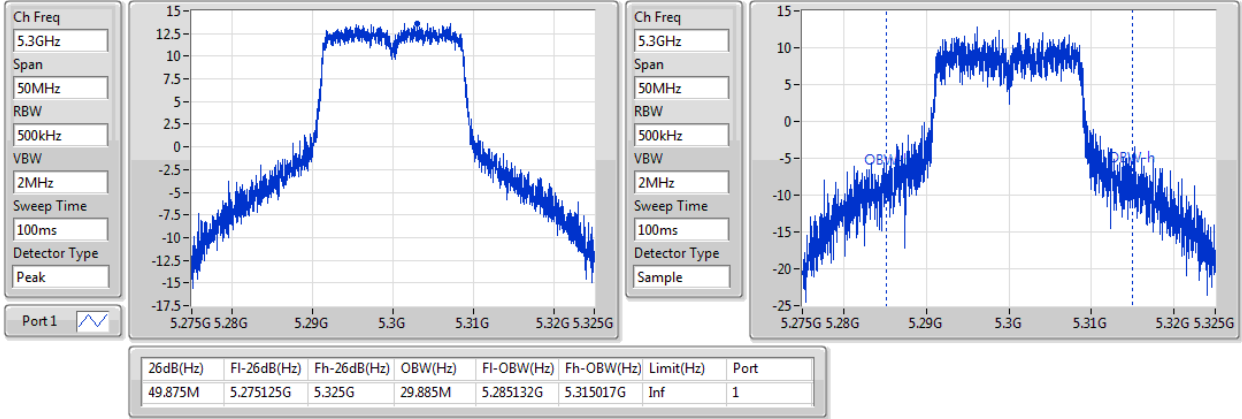
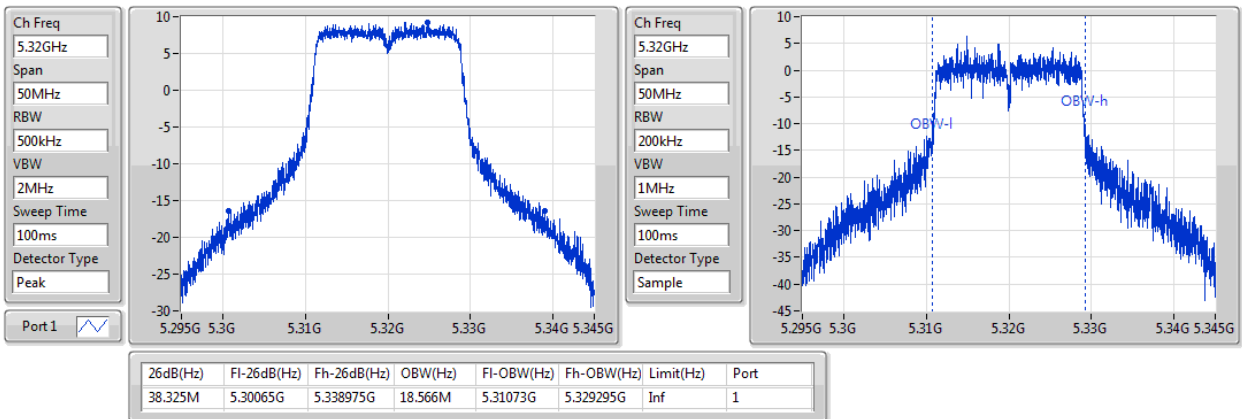
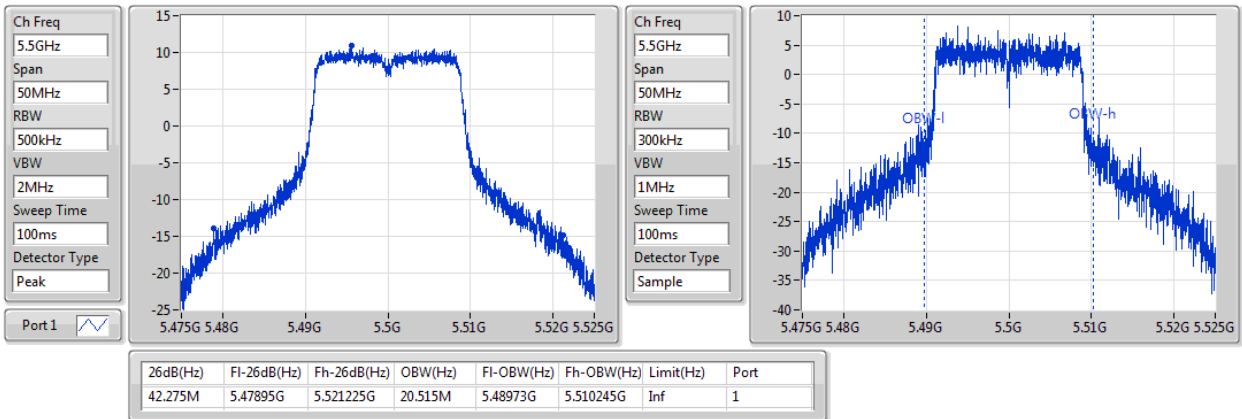
Sweep Time
100ms

Detector Type
Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.2M	5.162475G	5.197675G	18.316M	5.17088G	5.189195G	Inf	1

802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5200MHz

802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5240MHz

802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5260MHz


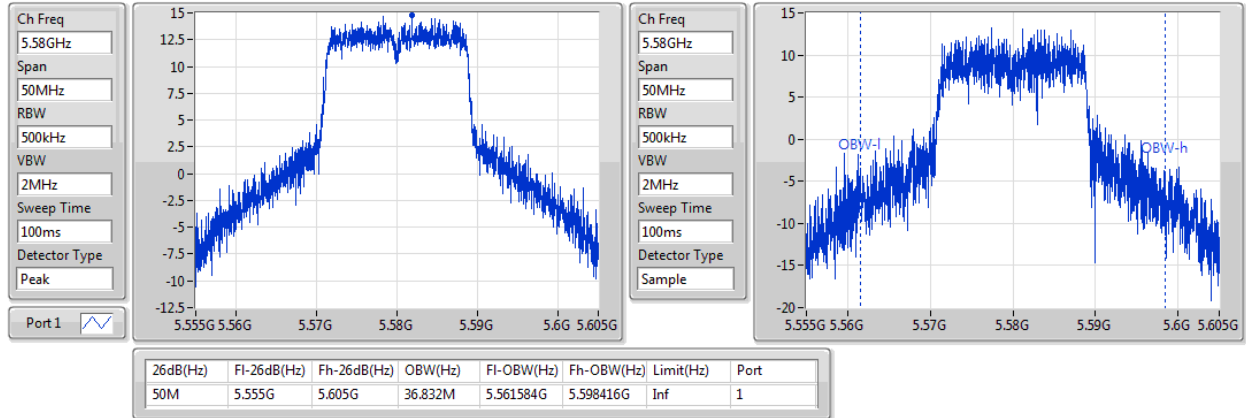
802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5300MHz

802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5320MHz

802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5500MHz




802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

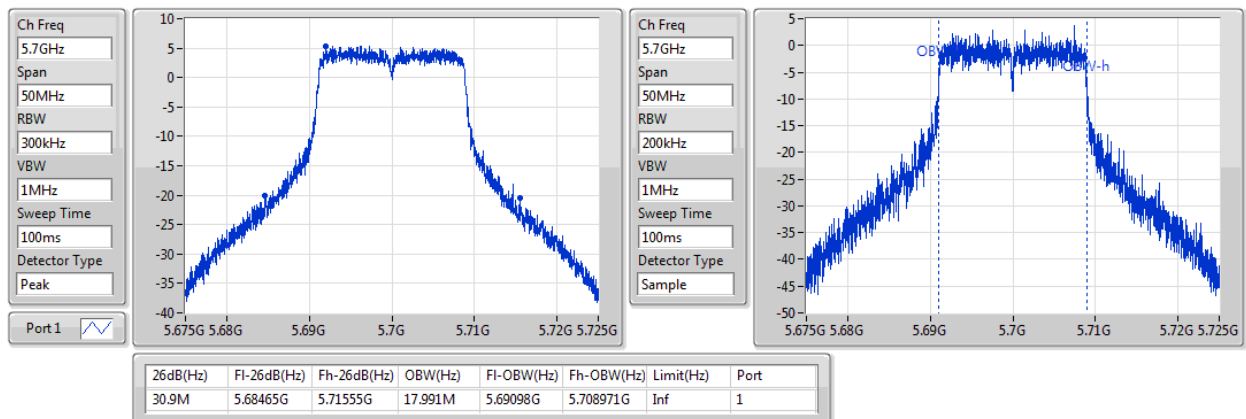
5580MHz



802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

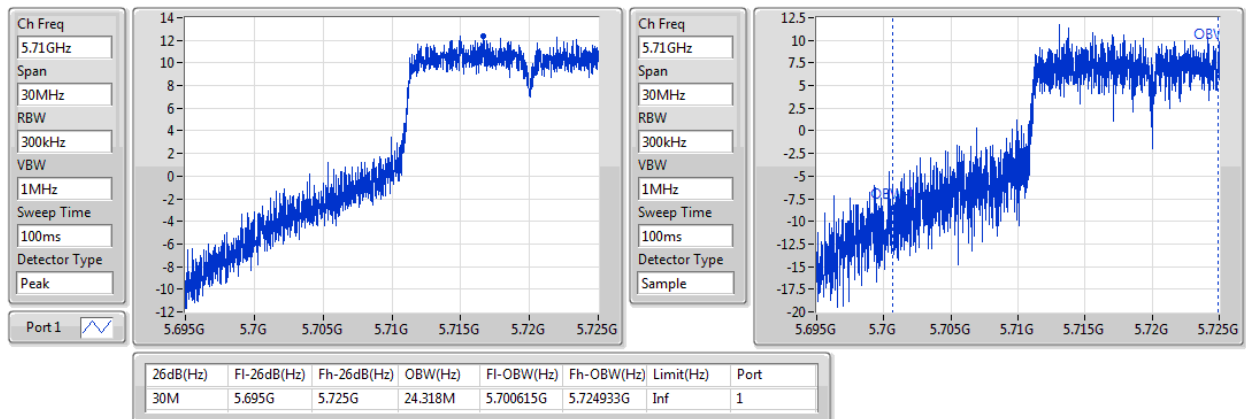
5700MHz



802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

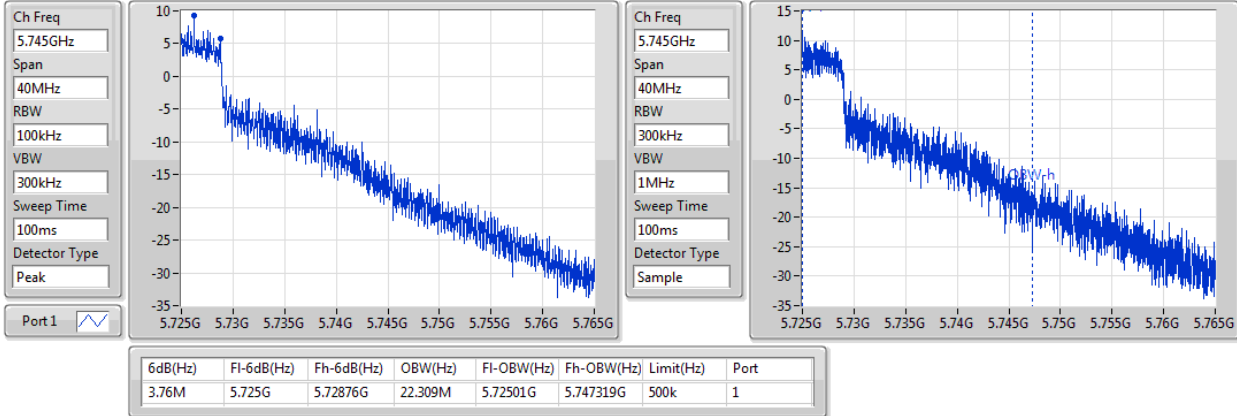
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

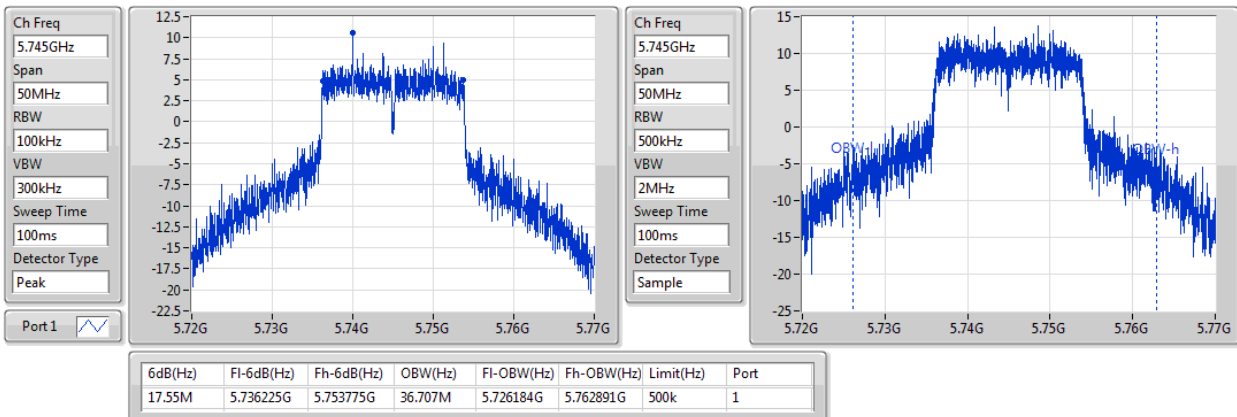
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

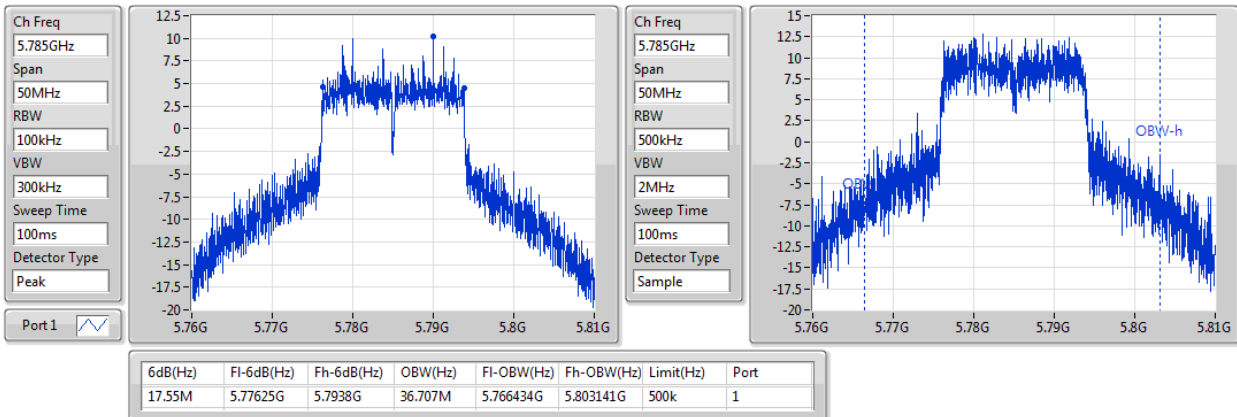
5745MHz



802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

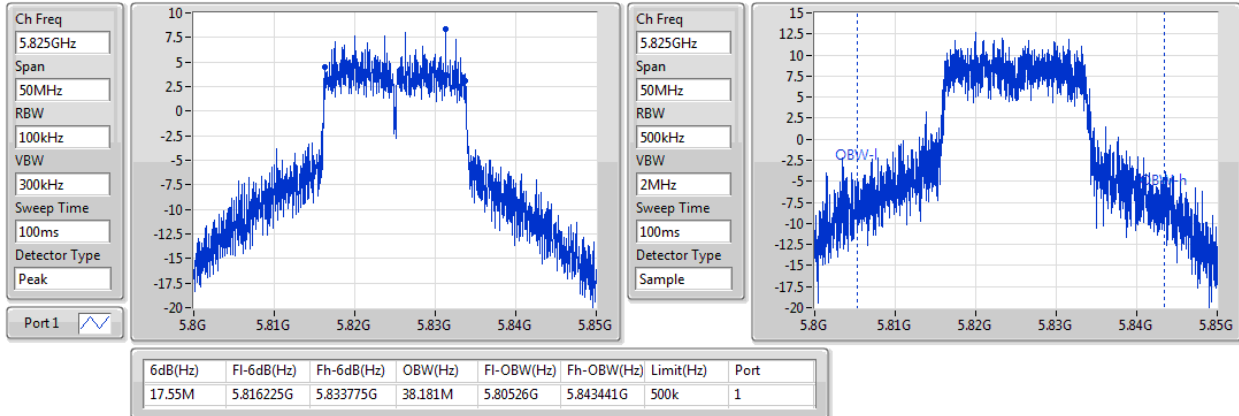
5785MHz



802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

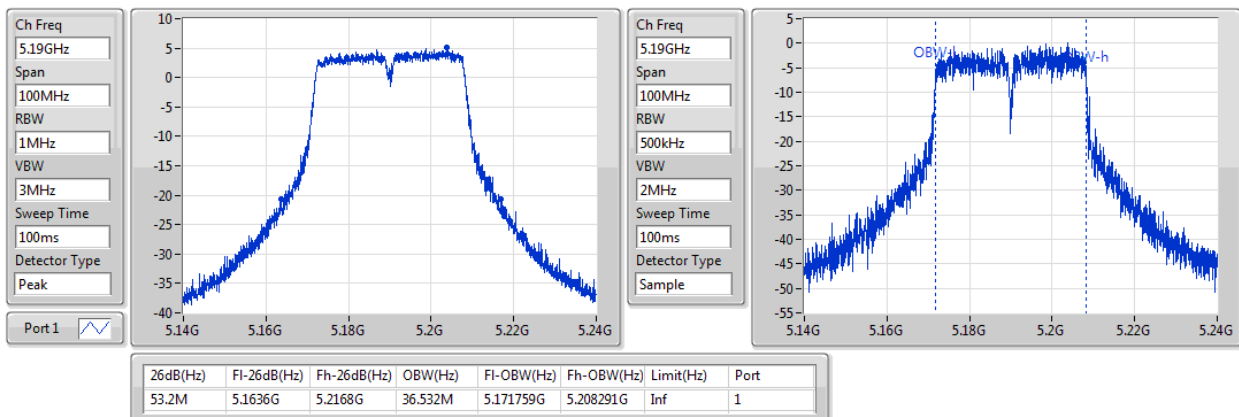
5825MHz



802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

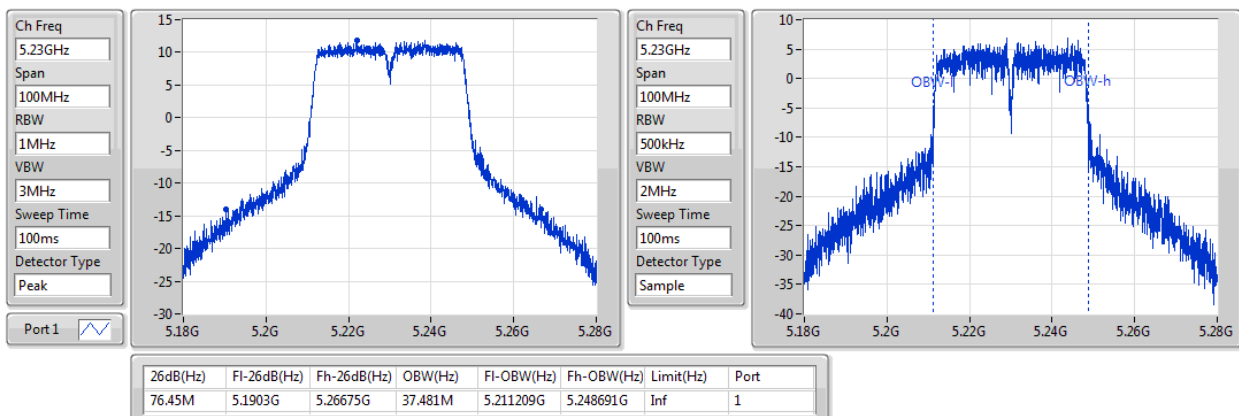
5190MHz

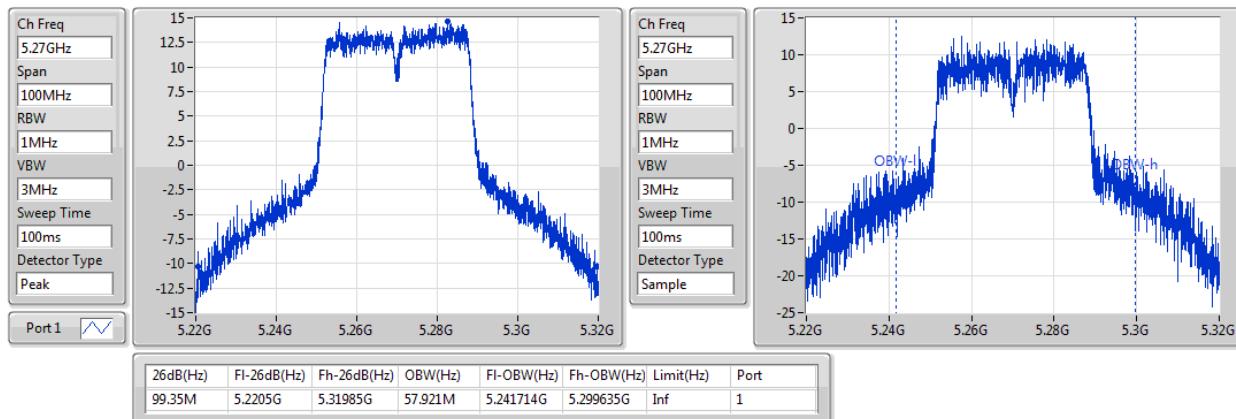
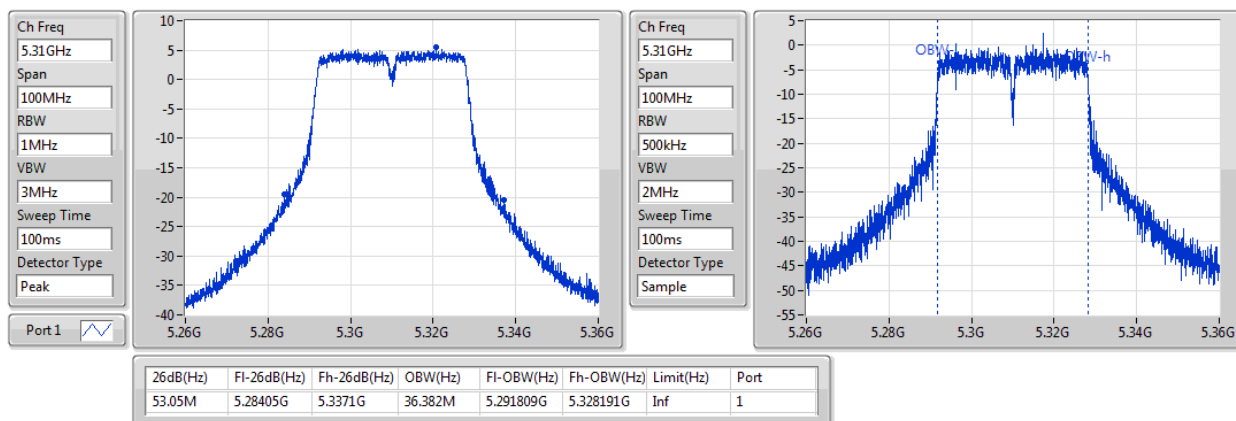
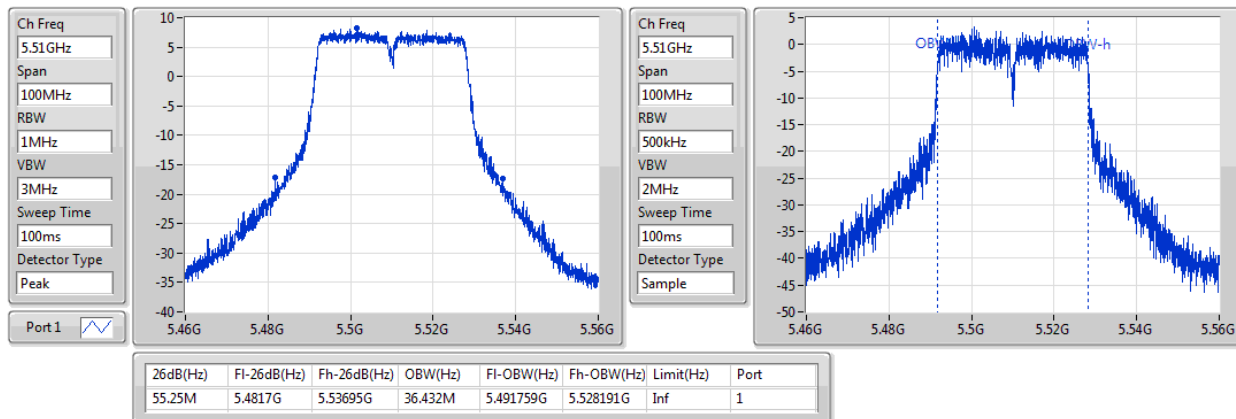


802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

5230MHz



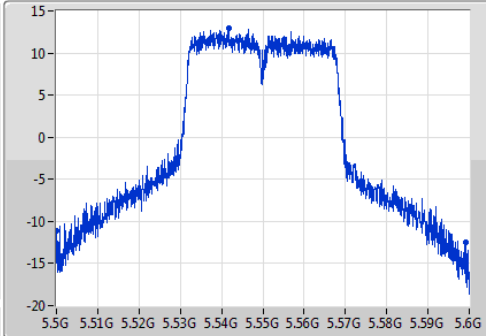
802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5270MHz

802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5310MHz

802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5510MHz


802.11ac VHT40_Nss1,(MCS0)_1TX

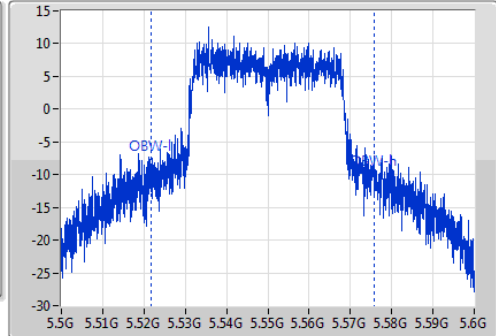
EBW

5550MHz

Ch Freq
5.55GHz
Span
100MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak
Port 1



Ch Freq
5.55GHz
Span
100MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Sample



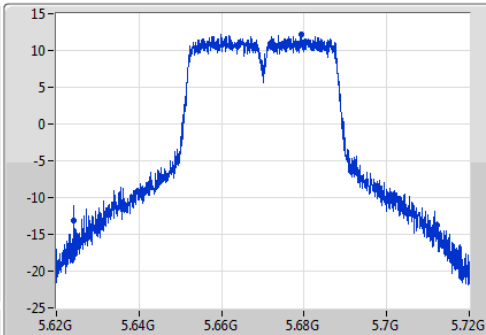
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
99.15M	5.50005G	5.5992G	54.023M	5.521814G	5.575837G	Inf	1

802.11ac VHT40_Nss1,(MCS0)_1TX

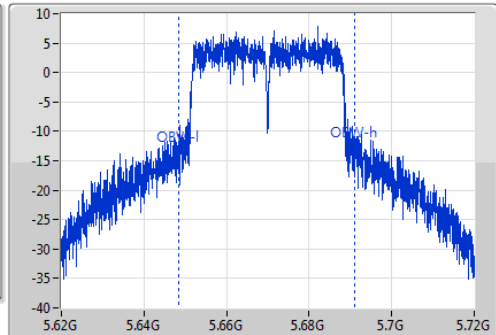
EBW

5670MHz

Ch Freq
5.67GHz
Span
100MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak
Port 1



Ch Freq
5.67GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Sample



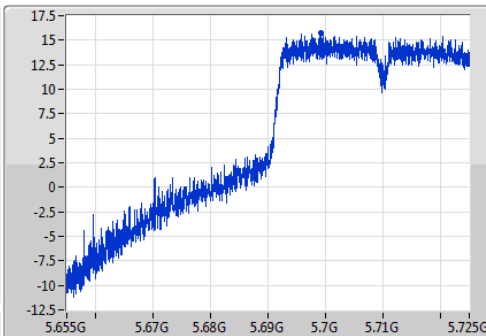
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
88.05M	5.62425G	5.7123G	42.579M	5.648511G	5.691089G	Inf	1

802.11ac VHT40_Nss1,(MCS0)_1TX

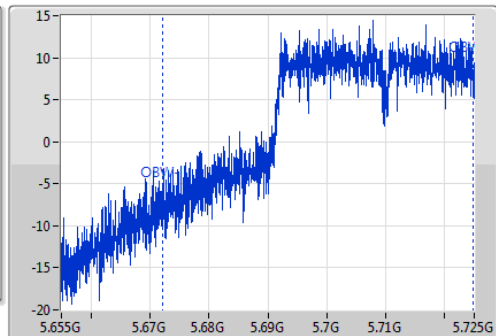
EBW

5710MHz Straddle 5.47-5.725GHz

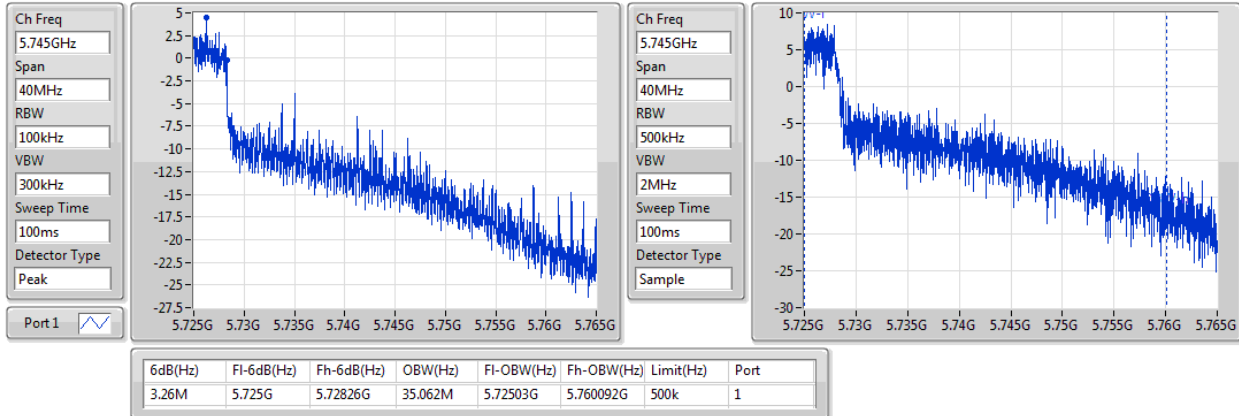
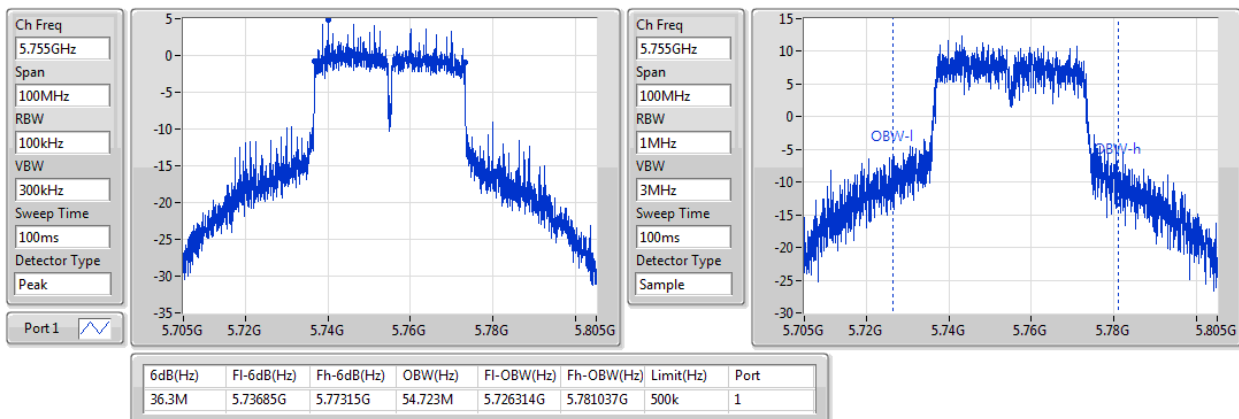
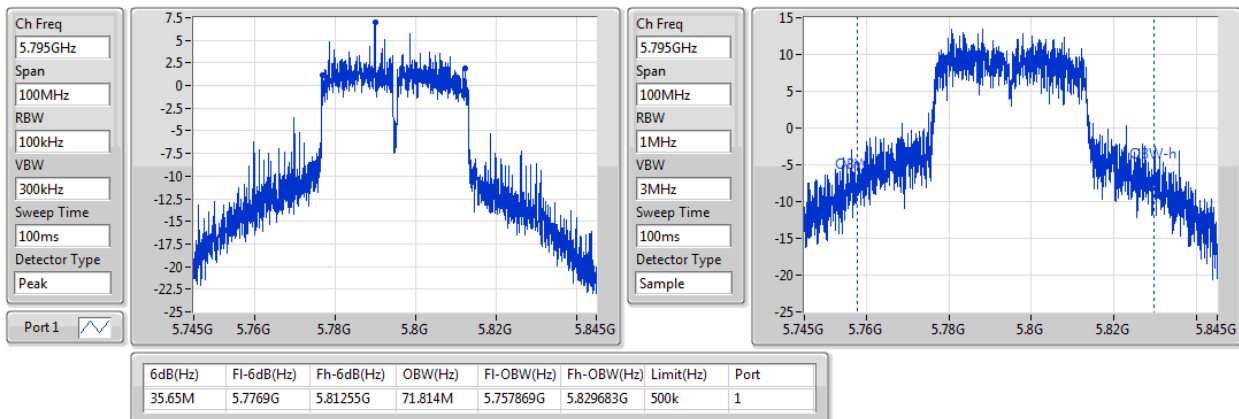
Ch Freq
5.69GHz
Span
70MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak
Port 1

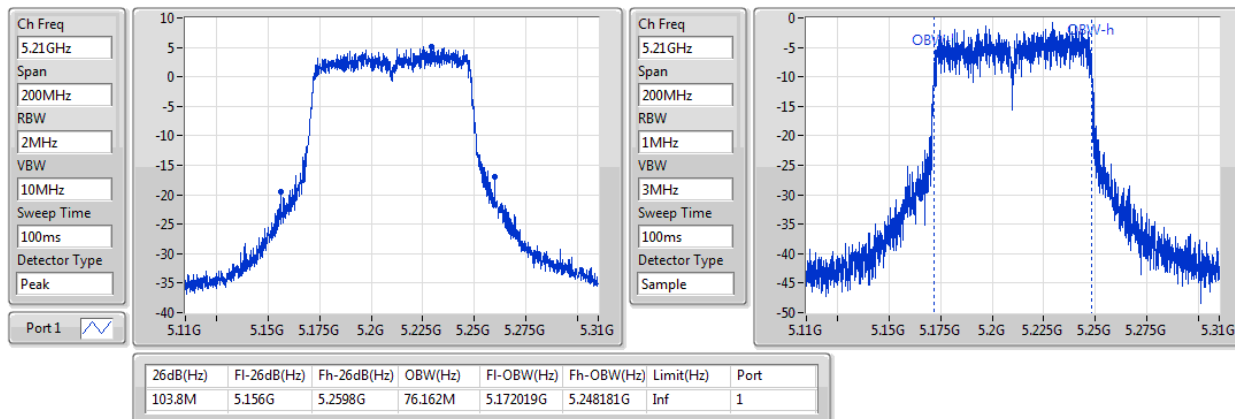
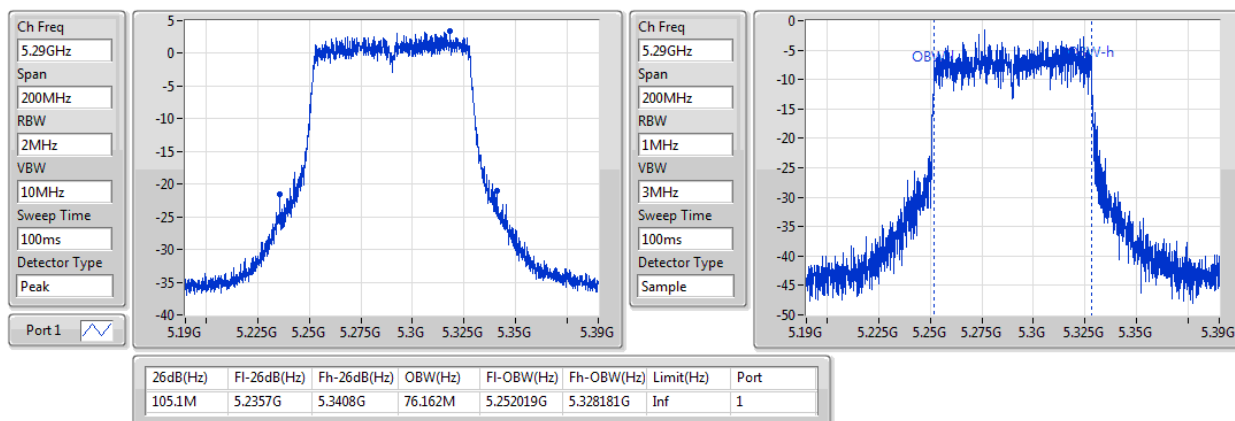
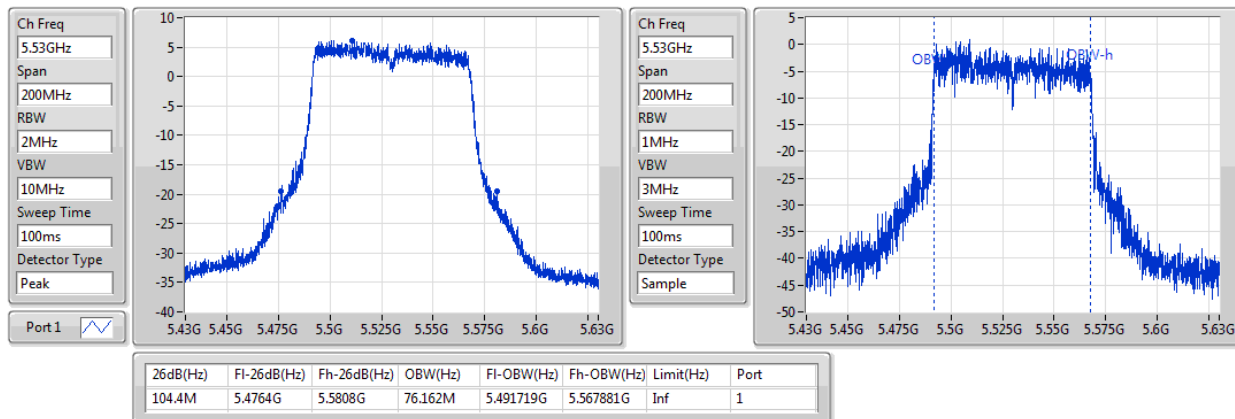


Ch Freq
5.69GHz
Span
70MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
70M	5.655G	5.725G	52.649M	5.672089G	5.724738G	Inf	1

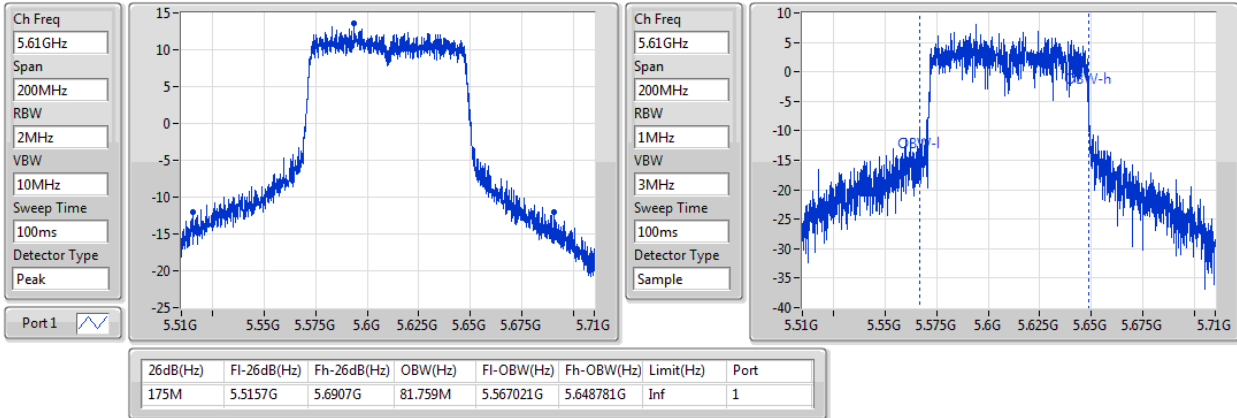
802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5710MHz Straddle 5.725-5.85GHz

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

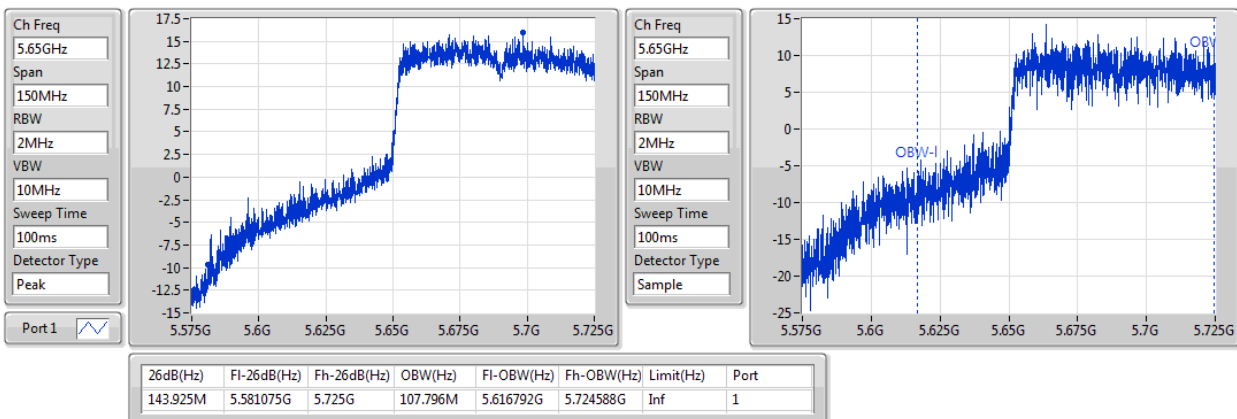
5610MHz



802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

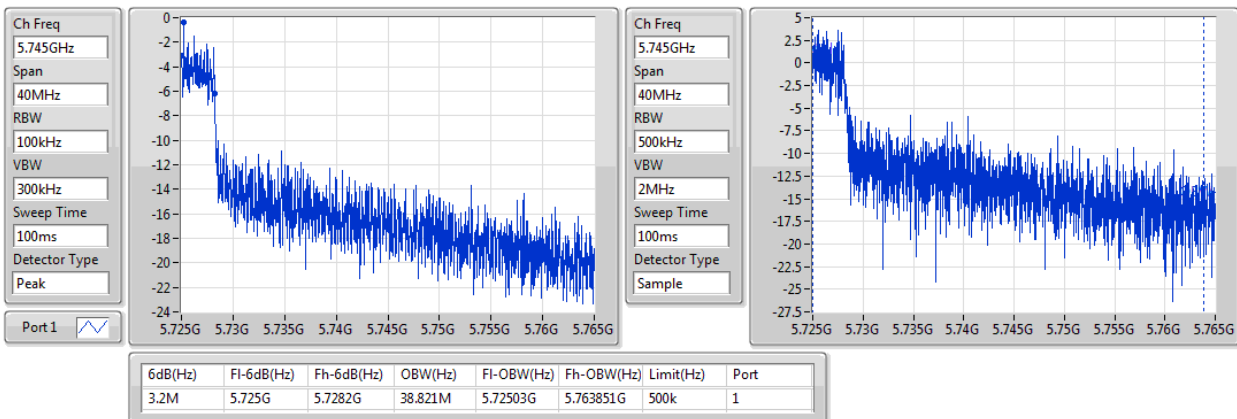
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

5690MHz Straddle 5.725-5.85GHz



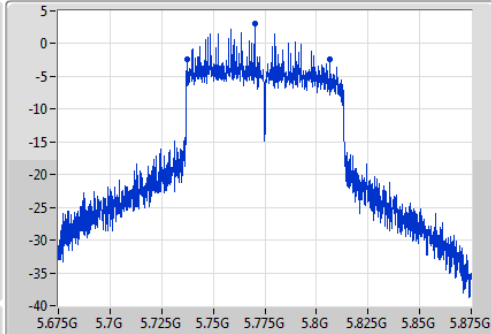


802.11ac VHT80_Nss1,(MCS0)_1TX

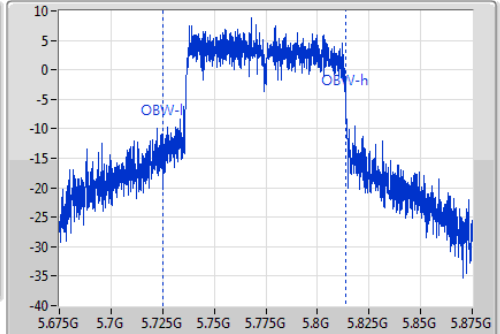
EBW

5775MHz

Ch Freq
5.775GHz
Span
200MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak
Port1



Ch Freq
5.775GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
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
68.8M	5.7375G	5.8063G	88.656M	5.725025G	5.813681G	500k	1

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	49.075M	30.46M	30M5D1D	38.4M	19.015M
5.25-5.35GHz	49.95M	33.533M	33M5D1D	39.025M	19.365M
5.47-5.725GHz	50M	35.182M	35M2D1D	30M	16.992M
5.725-5.85GHz	16.4M	35.857M	35M9D1D	3.18M	21.789M
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5.15-5.25GHz	49.95M	32.309M	32M3D1D	40.475M	19.44M
5.25-5.35GHz	50M	34.833M	34M8D1D	41.2M	20.265M
5.47-5.725GHz	50M	36.832M	36M8D1D	30M	17.966M
5.725-5.85GHz	17.55M	38.181M	38M2D1D	3.76M	22.309M
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5.15-5.25GHz	76.45M	37.481M	37M5D1D	54.7M	36.532M
5.25-5.35GHz	97.9M	56.522M	56M5D1D	54M	36.482M
5.47-5.725GHz	99.95M	61.119M	61M1D1D	55.25M	36.432M
5.725-5.85GHz	36.3M	71.814M	71M8D1D	3.26M	35.062M
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5.15-5.25GHz	104.8M	76.162M	76M2D1D	104.8M	76.162M
5.25-5.35GHz	106.9M	76.062M	76M1D1D	106.9M	76.062M
5.47-5.725GHz	196.1M	114.393M	114MD1D	107.7M	76.062M
5.725-5.85GHz	68.8M	88.656M	88M7D1D	3.26M	38.961M

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	41.15M	19.94M
5200MHz	Pass	Inf	49.075M	30.46M
5240MHz	Pass	Inf	38.4M	19.015M
5260MHz	Pass	Inf	49.95M	33.533M
5300MHz	Pass	Inf	49.95M	33.108M
5320MHz	Pass	Inf	39.025M	19.365M
5500MHz	Pass	Inf	41.125M	19.815M
5580MHz	Pass	Inf	50M	35.182M
5700MHz	Pass	Inf	30.5M	16.992M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	30M	23.613M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.18M	21.789M
5745MHz	Pass	500k	16.4M	35.032M
5785MHz	Pass	500k	16.275M	35.482M
5825MHz	Pass	500k	16.325M	35.857M
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	42.85M	20.04M
5200MHz	Pass	Inf	49.95M	32.309M
5240MHz	Pass	Inf	40.475M	19.44M
5260MHz	Pass	Inf	50M	34.833M
5300MHz	Pass	Inf	49.925M	33.058M
5320MHz	Pass	Inf	41.2M	20.265M
5500MHz	Pass	Inf	42.275M	20.515M
5580MHz	Pass	Inf	50M	36.832M
5700MHz	Pass	Inf	31.525M	17.966M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	30M	24.318M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.76M	22.309M
5745MHz	Pass	500k	17.55M	36.707M
5785MHz	Pass	500k	17.55M	36.707M
5825MHz	Pass	500k	17.55M	38.181M
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	54.7M	36.532M
5230MHz	Pass	Inf	76.45M	37.481M
5270MHz	Pass	Inf	97.9M	56.522M
5310MHz	Pass	Inf	54M	36.482M
5510MHz	Pass	Inf	55.25M	36.432M
5550MHz	Pass	Inf	99.95M	61.119M
5670MHz	Pass	Inf	88.05M	42.579M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	70M	52.649M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.26M	35.062M
5755MHz	Pass	500k	36.3M	54.723M
5795MHz	Pass	500k	35.65M	71.814M



Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	104.8M	76.162M
5290MHz	Pass	Inf	106.9M	76.062M
5530MHz	Pass	Inf	107.7M	76.062M
5610MHz	Pass	Inf	196.1M	102.549M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	149.85M	114.393M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.26M	38.961M
5775MHz	Pass	500k	68.8M	88.656M

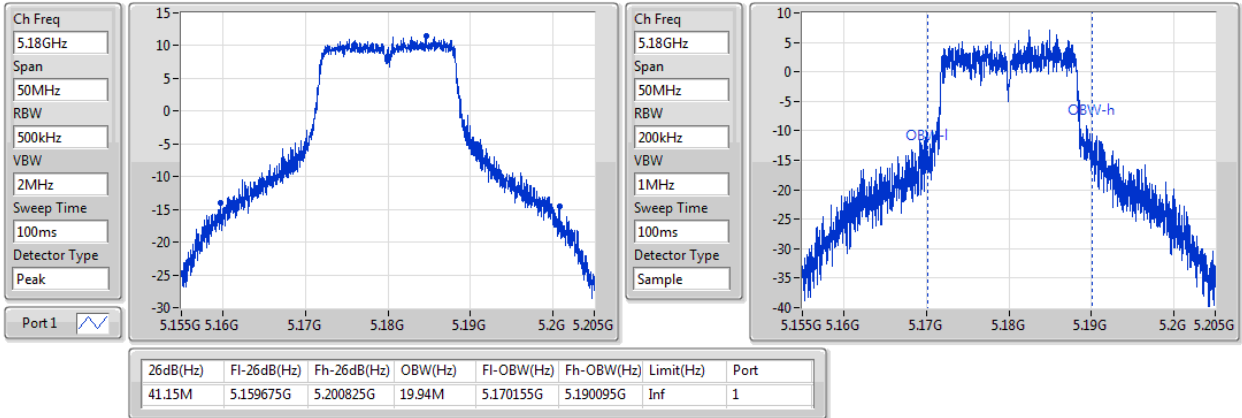
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

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

802.11a_(6Mbps)_1TX

EBW

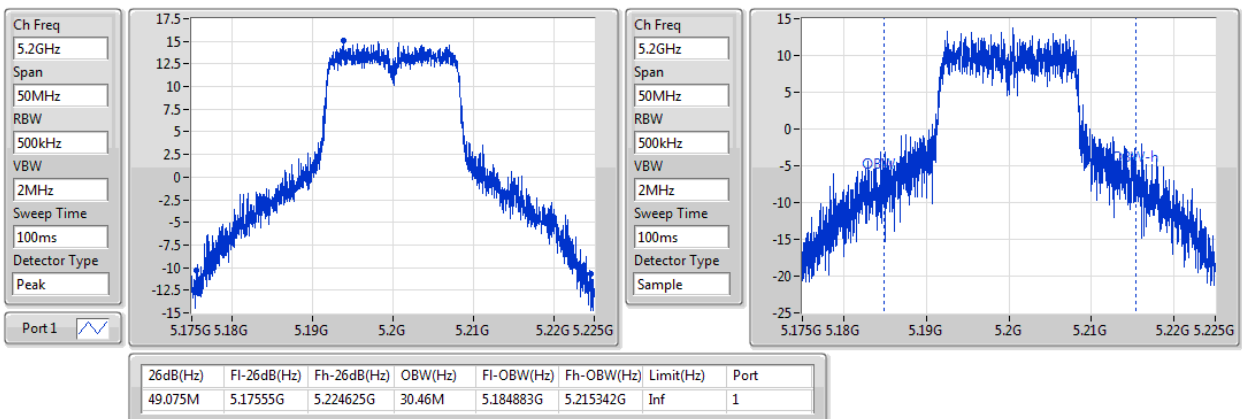
5180MHz



802.11a_(6Mbps)_1TX

EBW

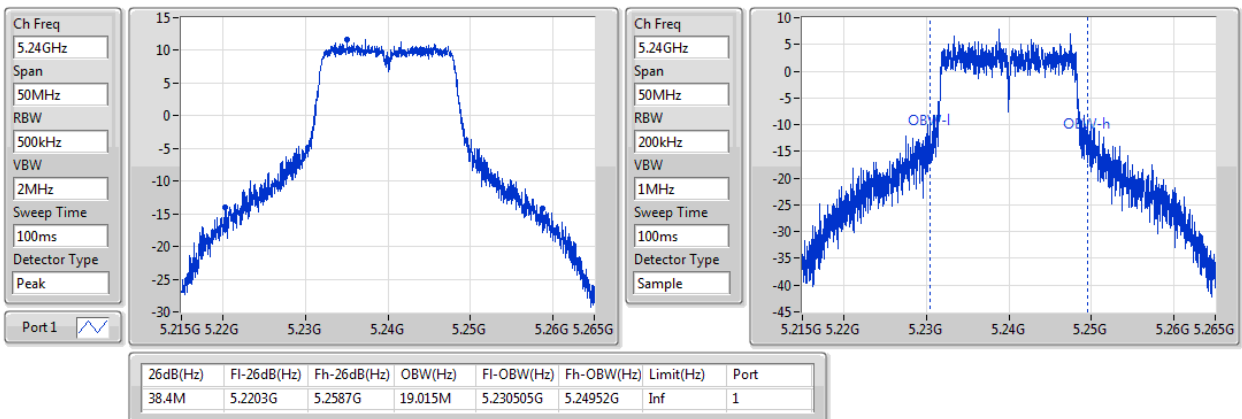
5200MHz



802.11a_(6Mbps)_1TX

EBW

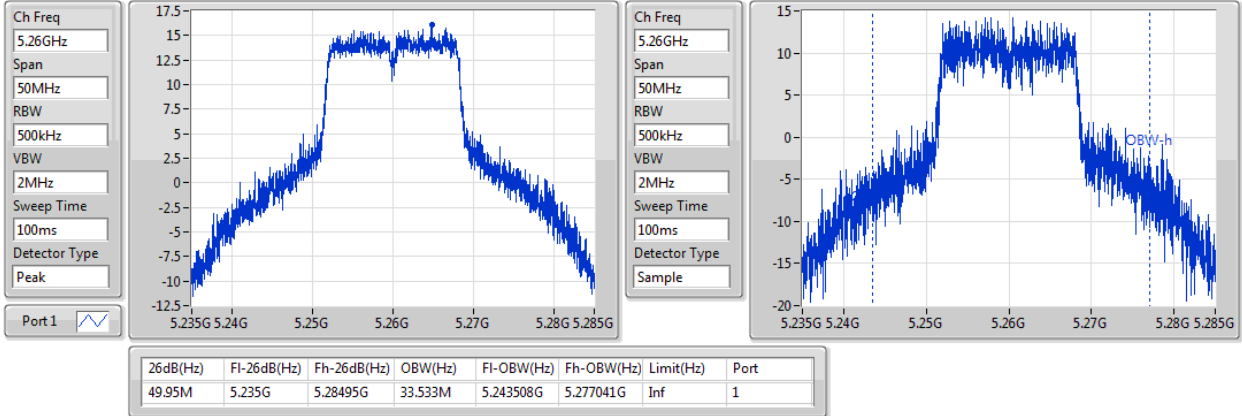
5240MHz



802.11a_(6Mbps)_1TX

EBW

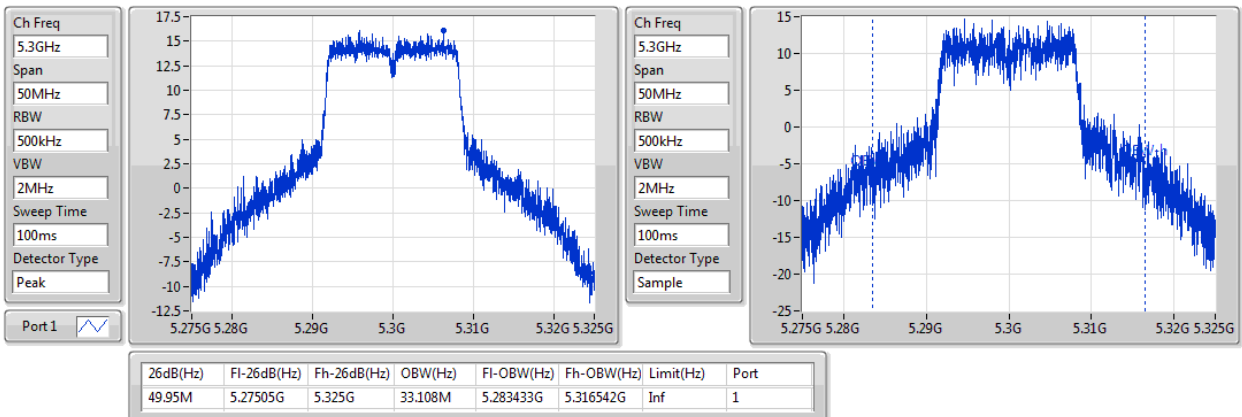
5260MHz



802.11a_(6Mbps)_1TX

EBW

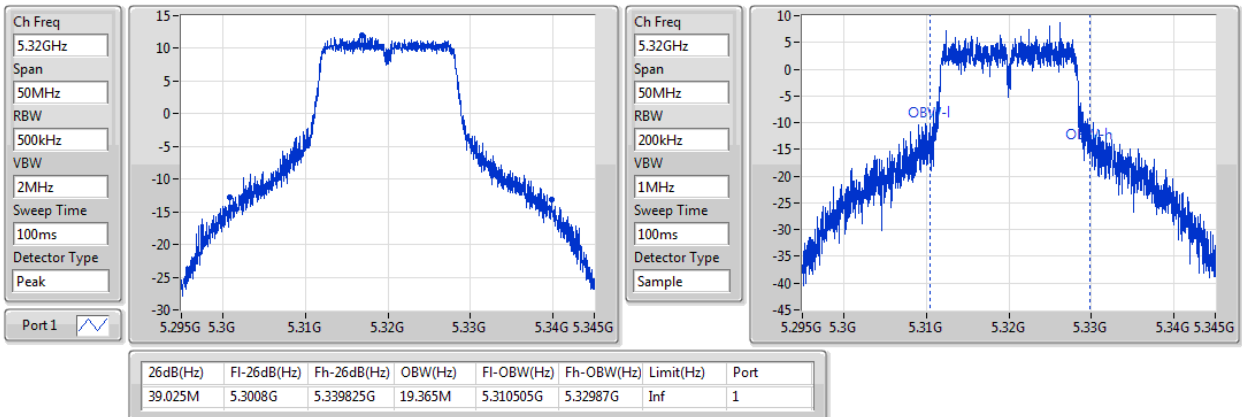
5300MHz



802.11a_(6Mbps)_1TX

EBW

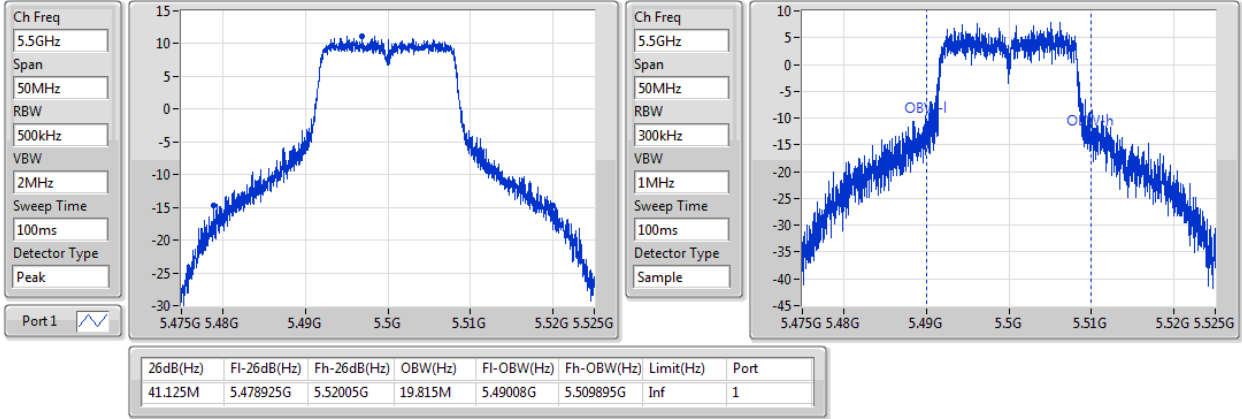
5320MHz



802.11a_(6Mbps)_1TX

EBW

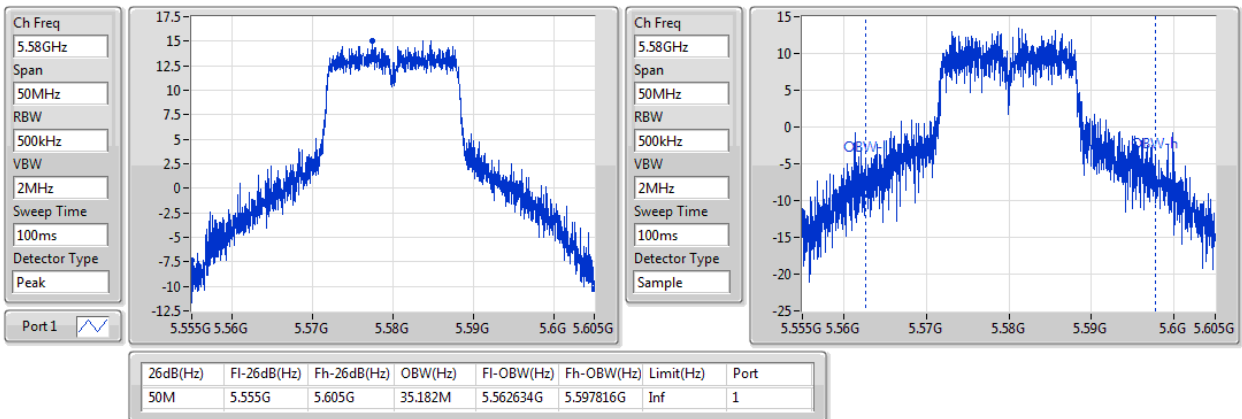
5500MHz



802.11a_(6Mbps)_1TX

EBW

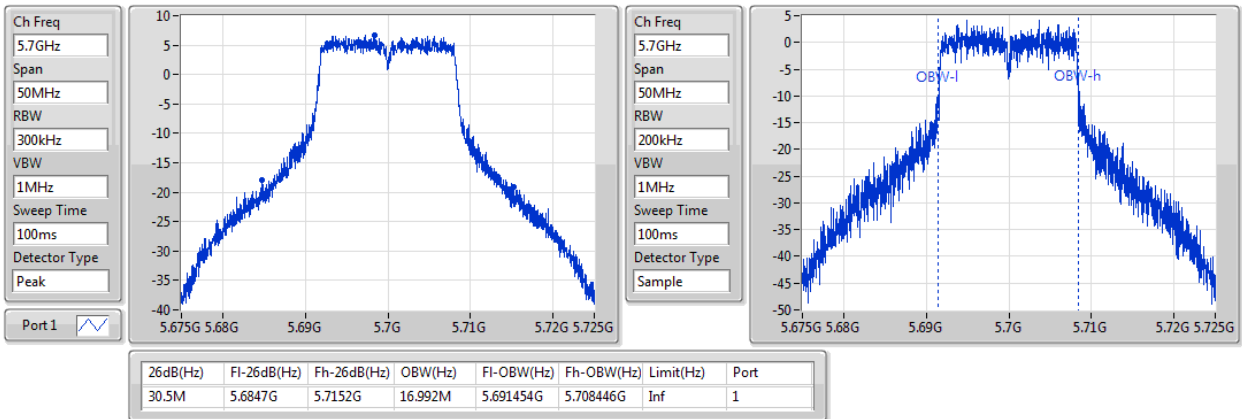
5580MHz



802.11a_(6Mbps)_1TX

EBW

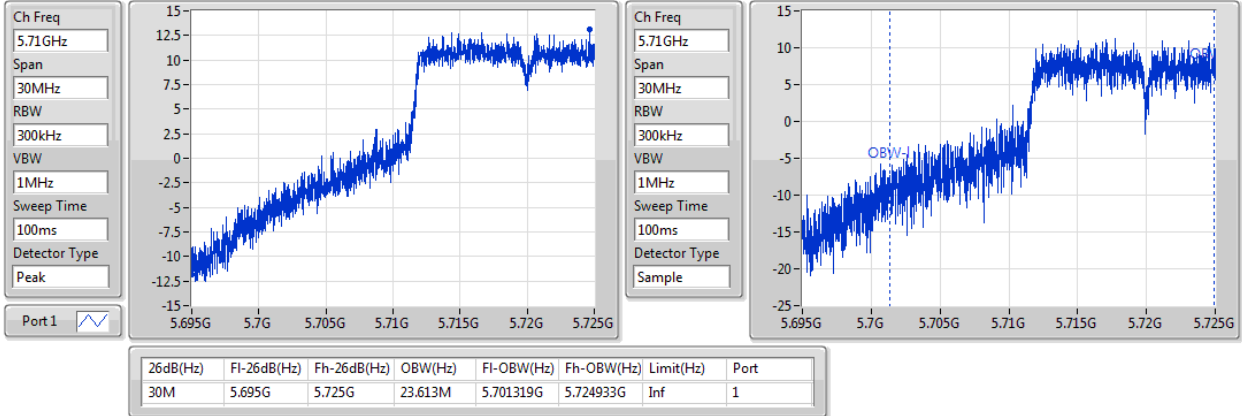
5700MHz



802.11a_(6Mbps)_1TX

EBW

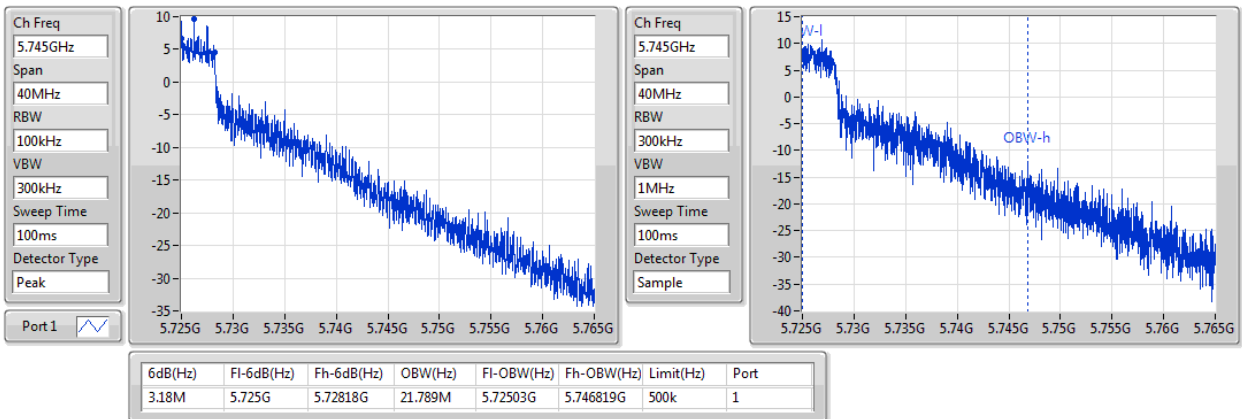
5720MHz Straddle 5.47-5.725GHz



802.11a_(6Mbps)_1TX

EBW

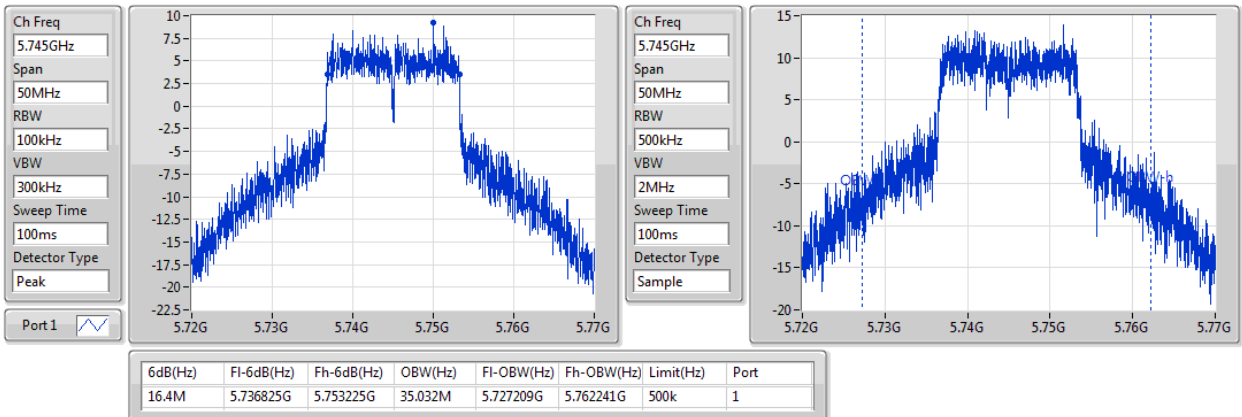
5720MHz Straddle 5.725-5.85GHz



802.11a_(6Mbps)_1TX

EBW

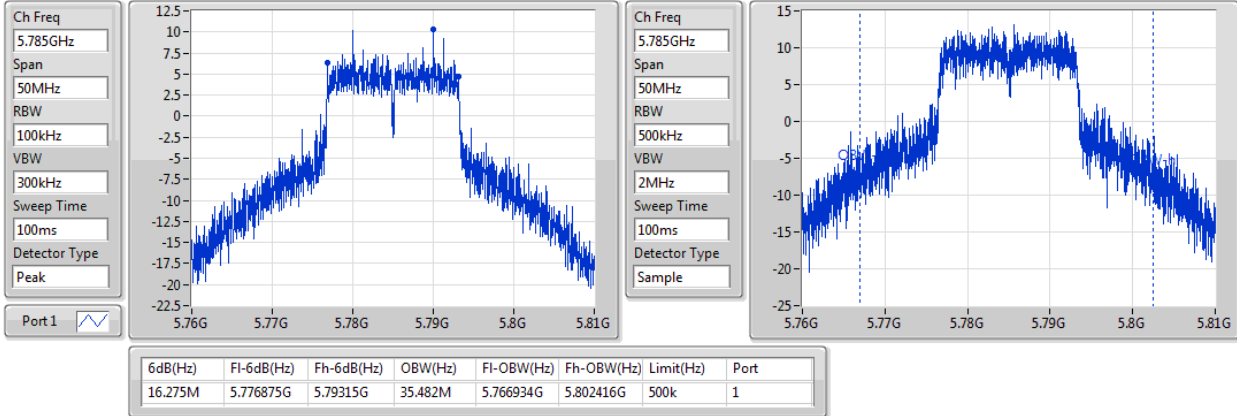
5745MHz



802.11a_(6Mbps)_1TX

EBW

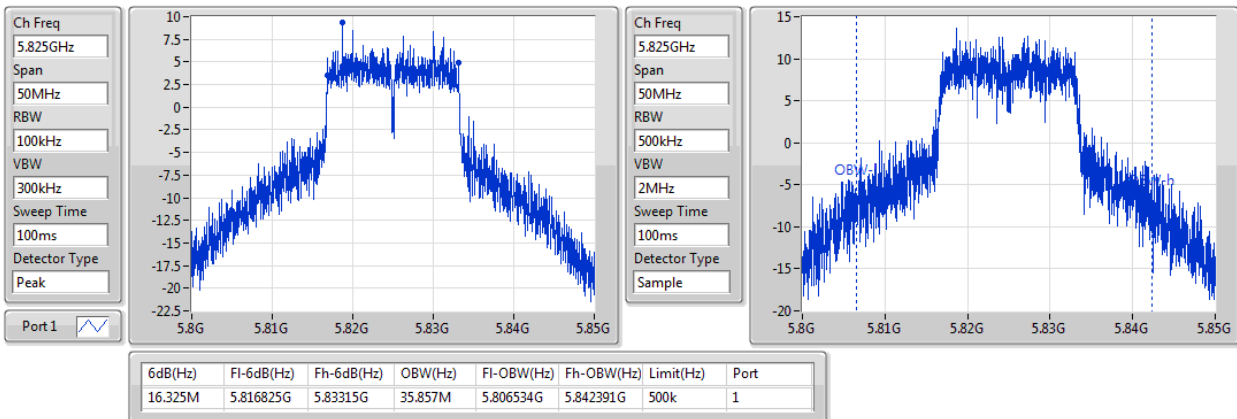
5785MHz



802.11a_(6Mbps)_1TX

EBW

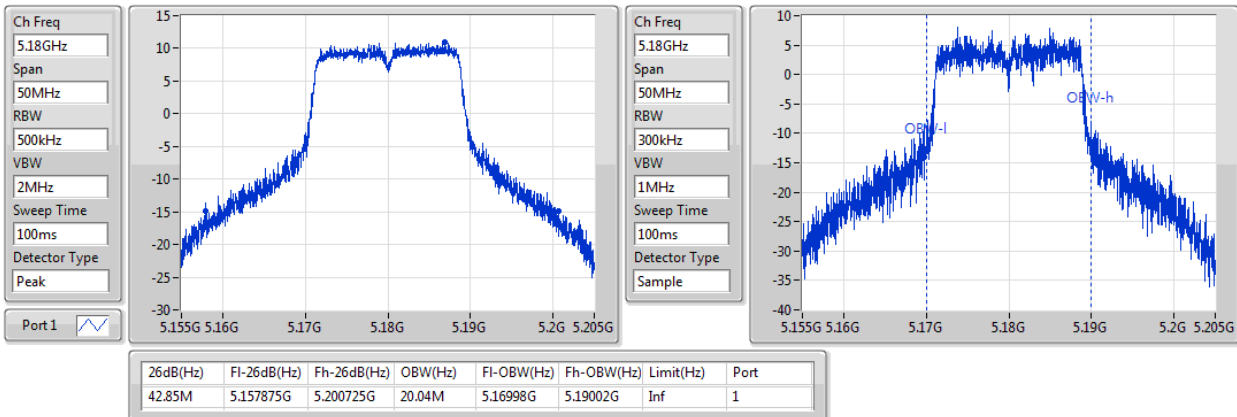
5825MHz



802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

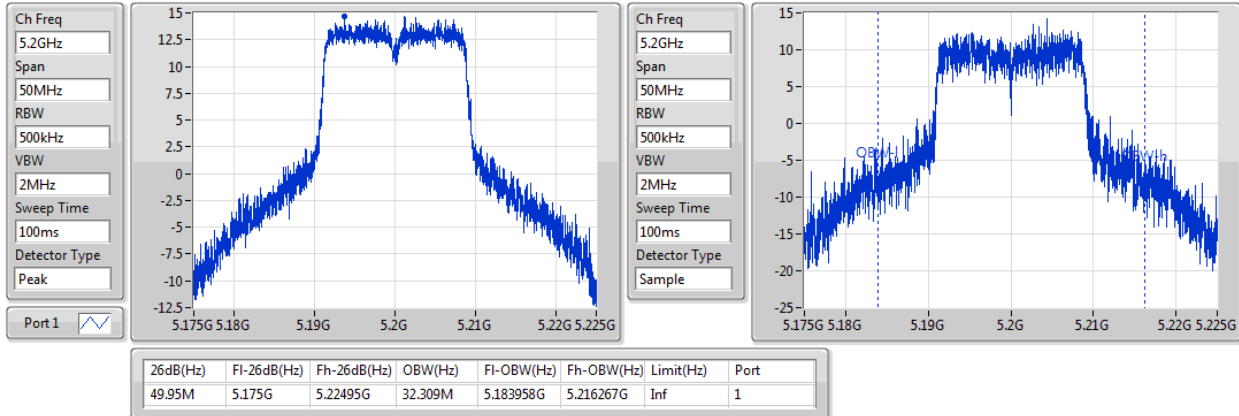
5180MHz



802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

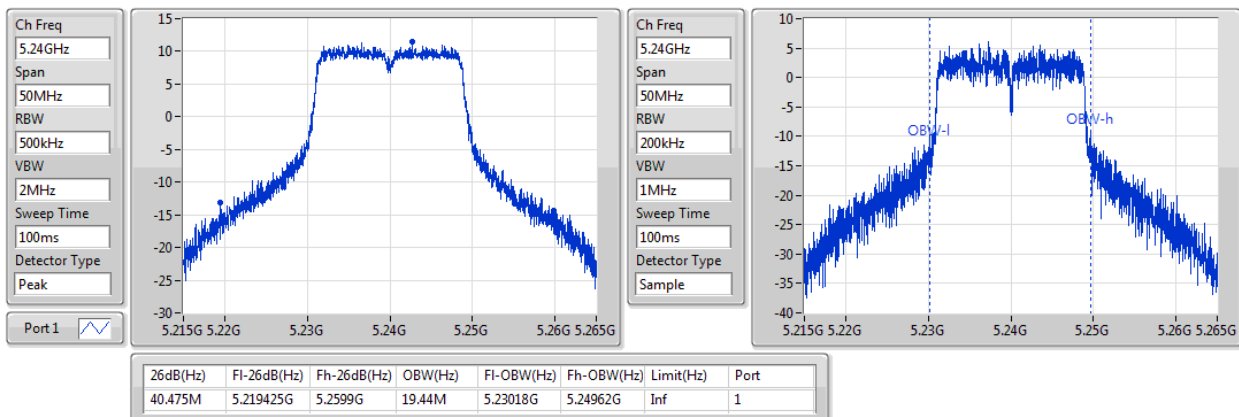
5200MHz



802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

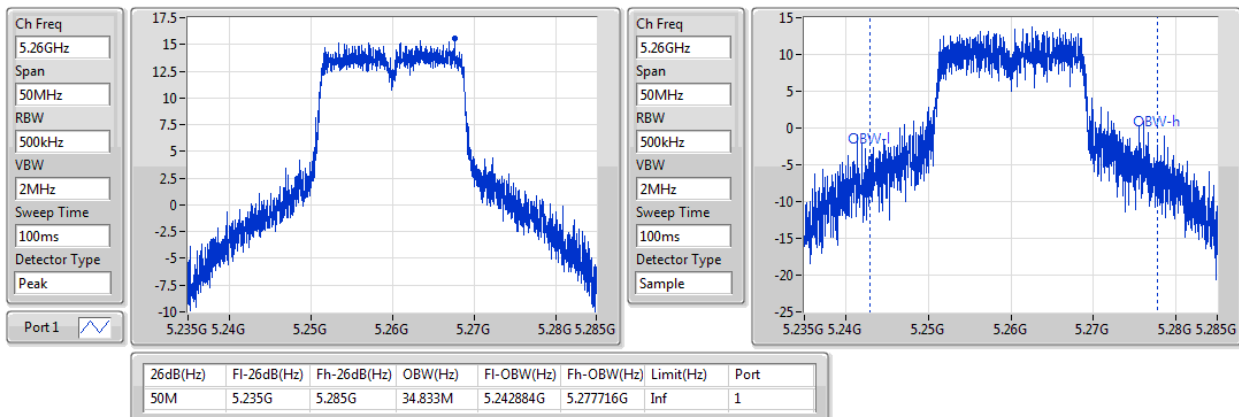
5240MHz



802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

5260MHz

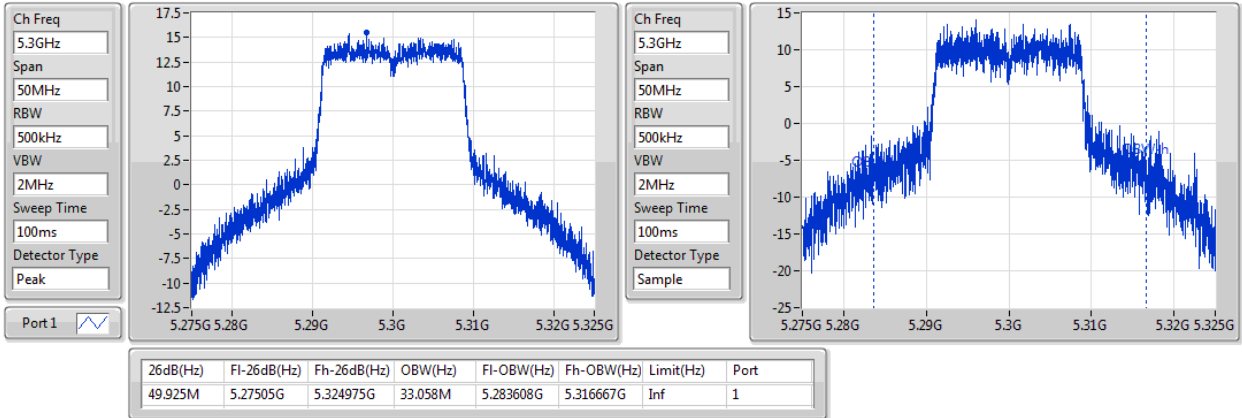




802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

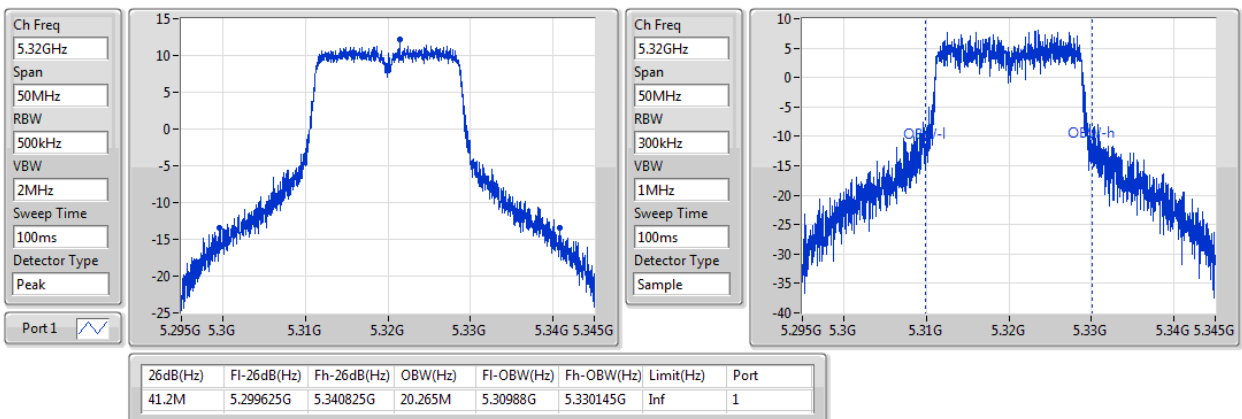
5300MHz



802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

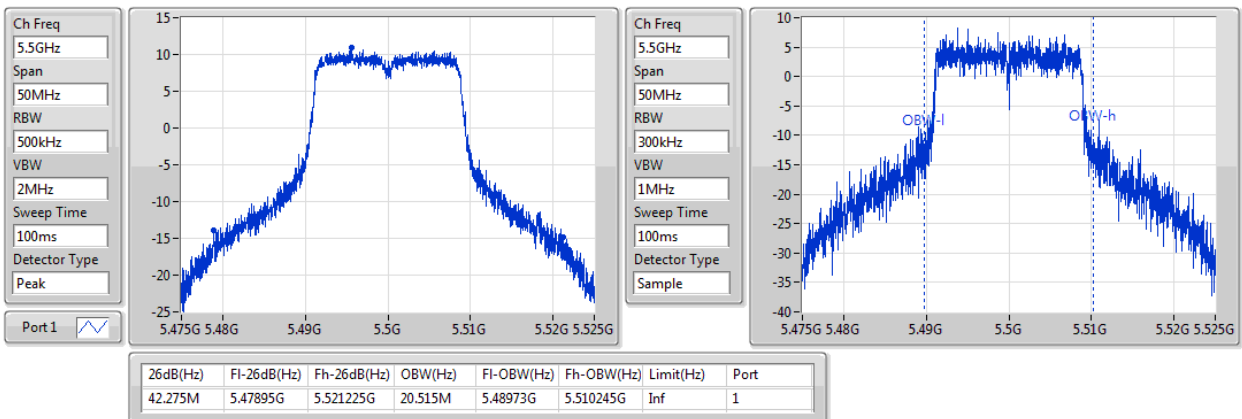
5320MHz



802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

5500MHz

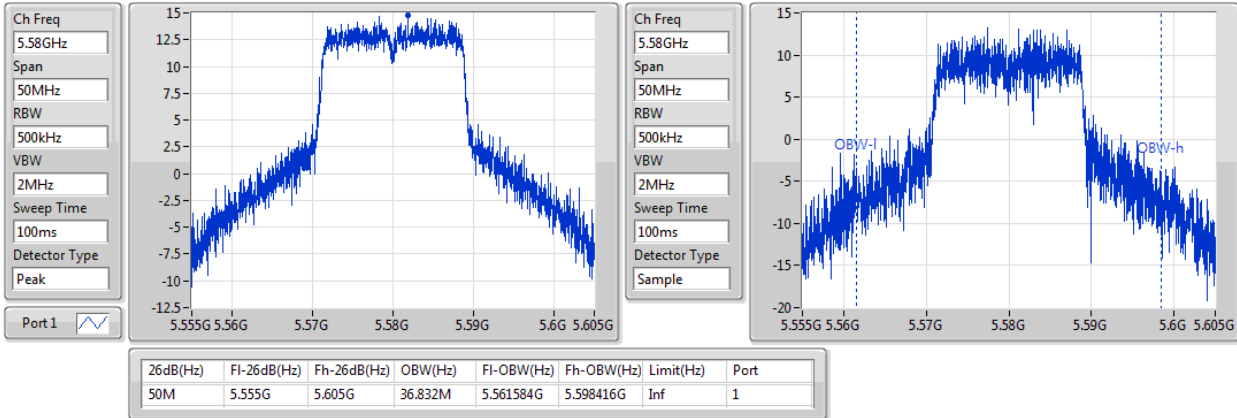




802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

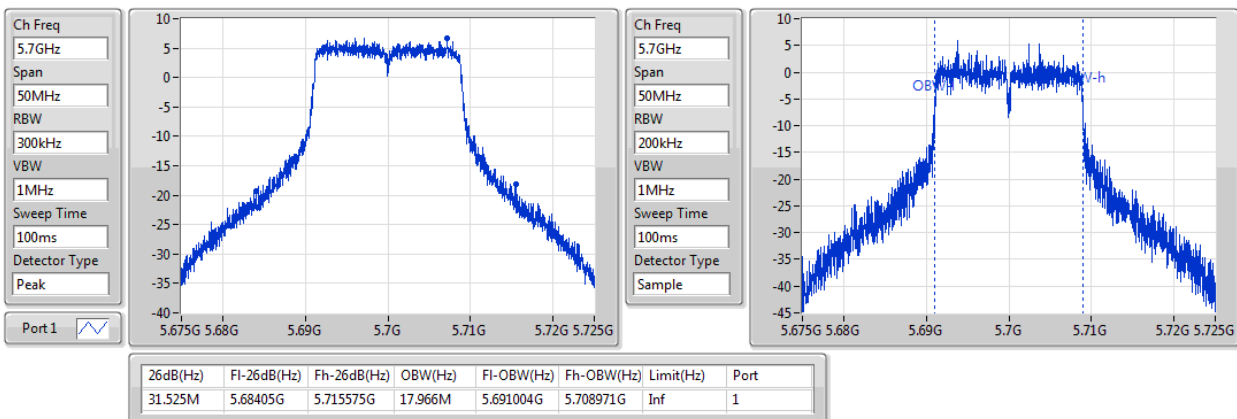
5580MHz



802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

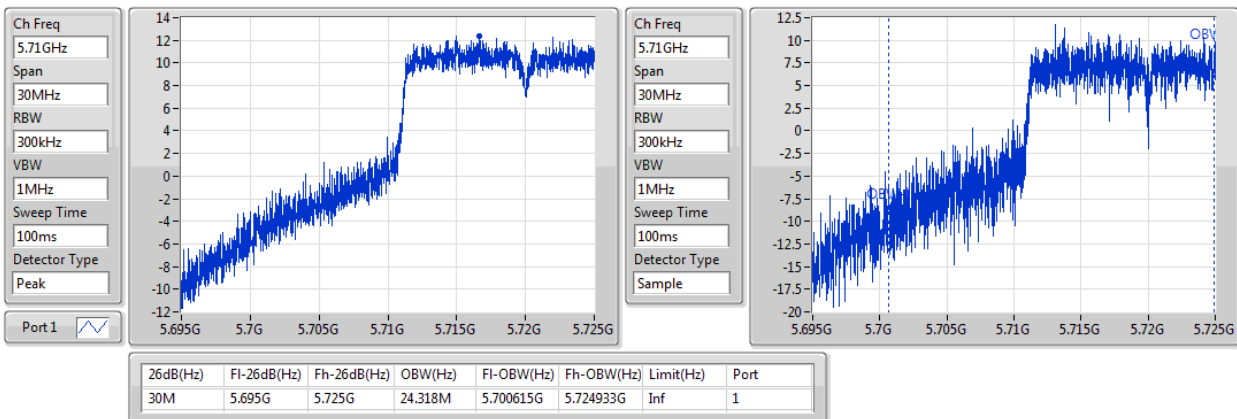
5700MHz

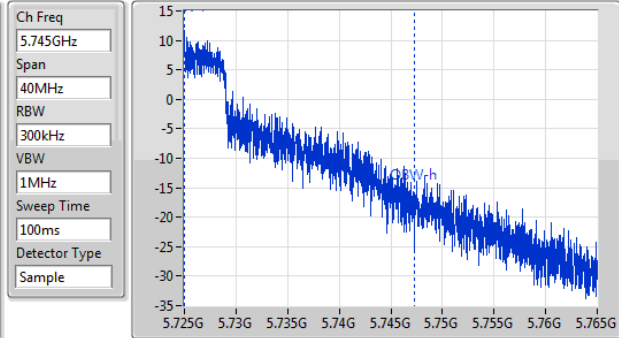
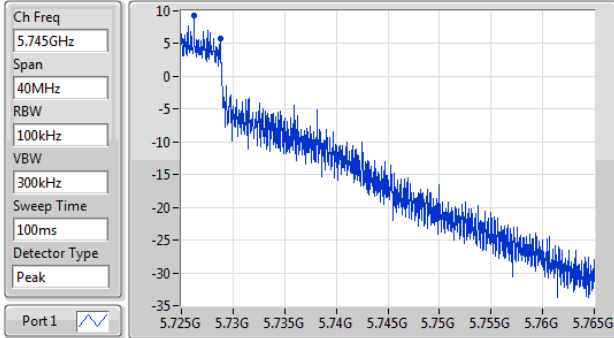


802.11ac VHT20_Nss1,(MCS0)_1TX

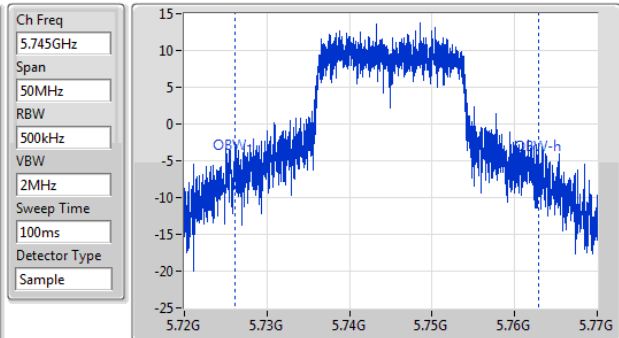
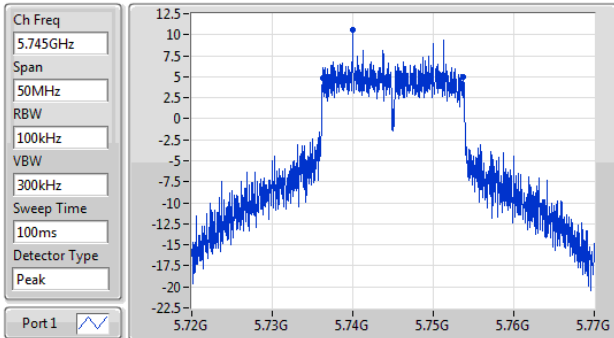
EBW

5720MHz Straddle 5.47-5.725GHz

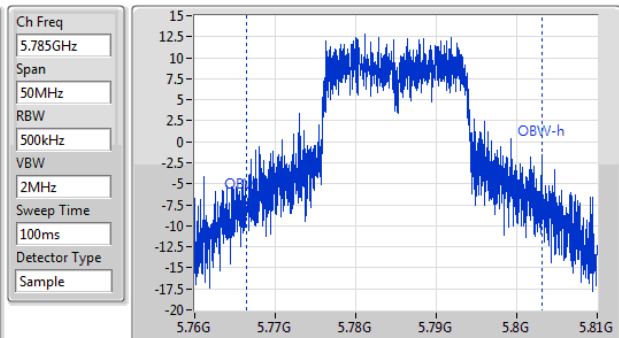
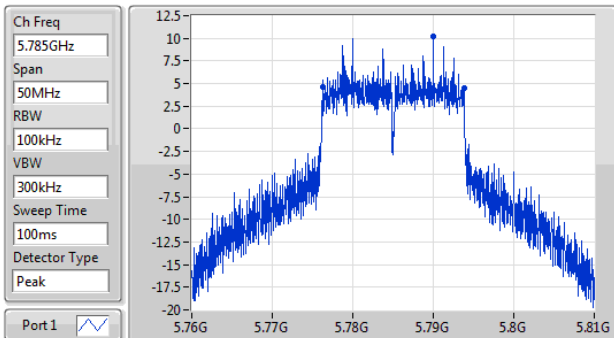


802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5720MHz Straddle 5.725-5.85GHz


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.76M	5.725G	5.72876G	22.309M	5.72501G	5.747319G	500k	1

802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5745MHz


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	5.736225G	5.753775G	36.707M	5.726184G	5.762891G	500k	1

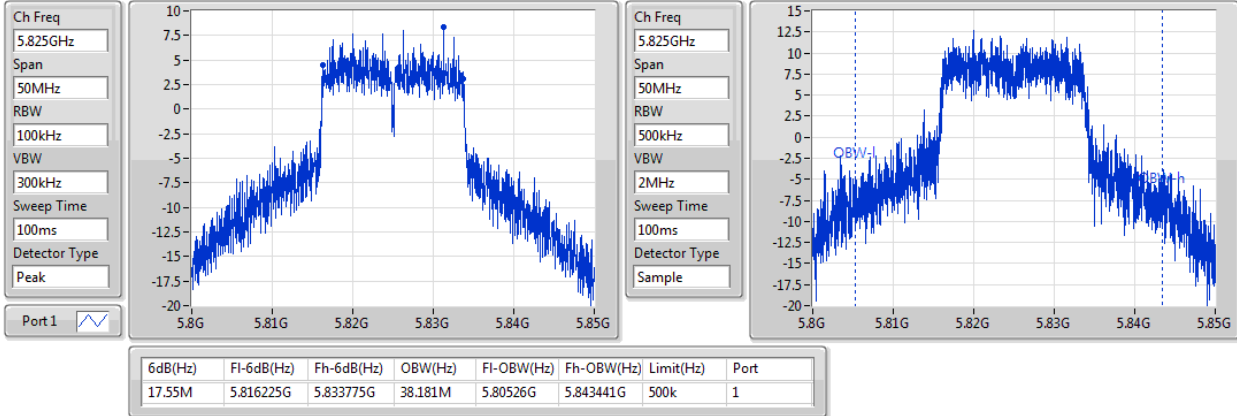
802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5785MHz


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	5.77625G	5.7938G	36.707M	5.766434G	5.803141G	500k	1

802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

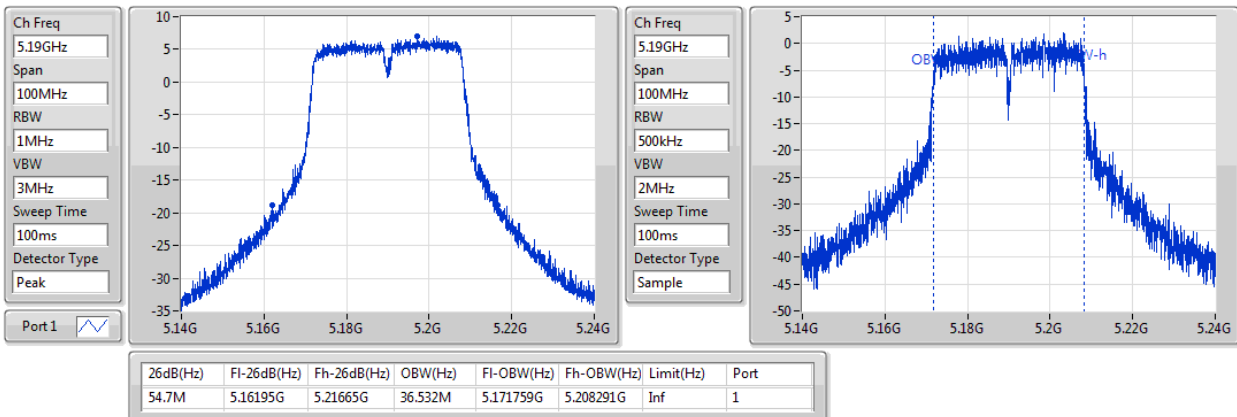
5825MHz



802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

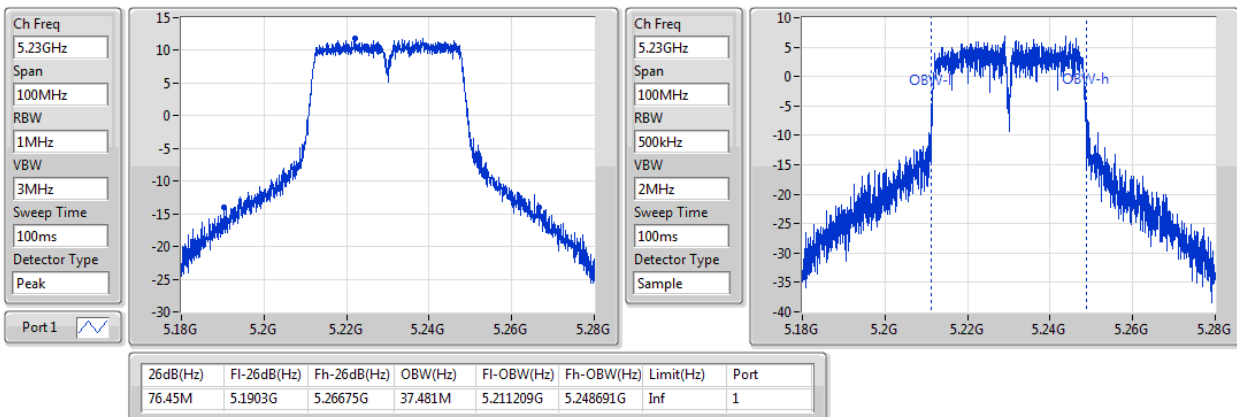
5190MHz

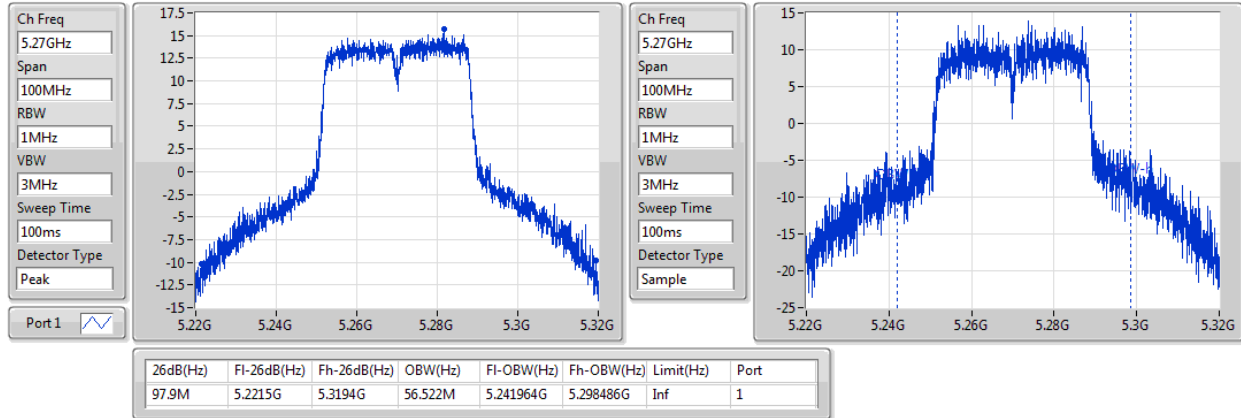
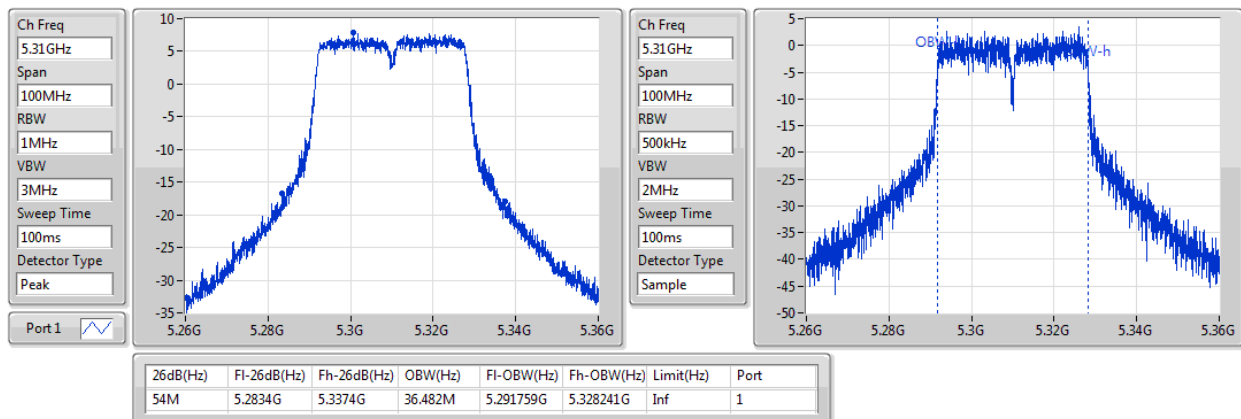
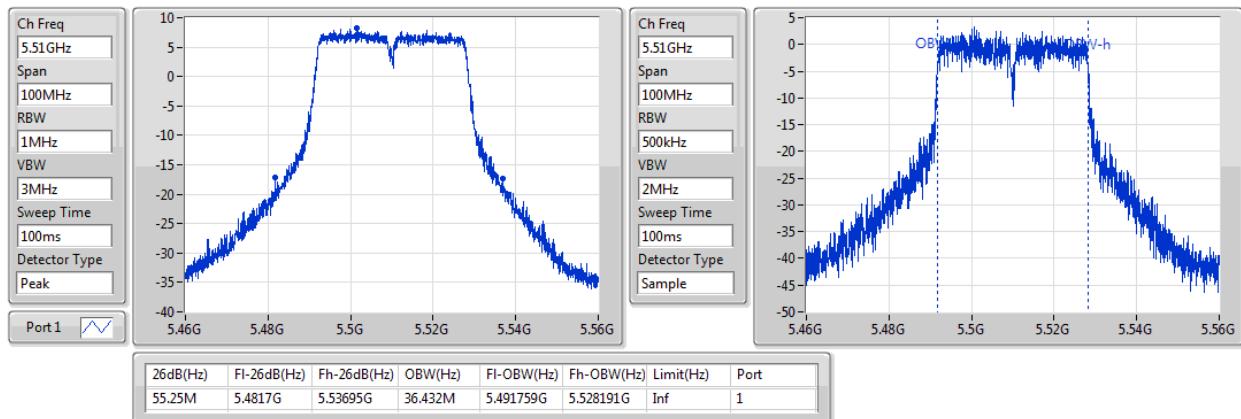


802.11ac VHT40_Nss1,(MCS0)_1TX

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


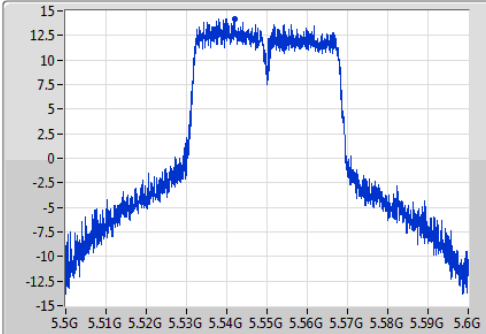


802.11ac VHT40_Nss1,(MCS0)_1TX

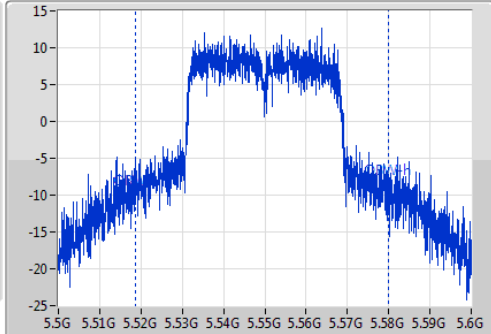
EBW

5550MHz

Ch Freq
5.55GHz
Span
100MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak
Port1



Ch Freq
5.55GHz
Span
100MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Sample



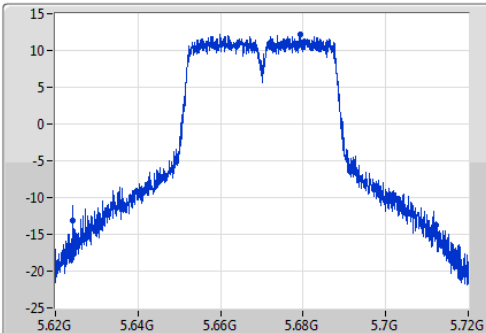
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
99.95M	5.50005G	5.6	61.119M	5.518716G	5.579835G	Inf	1

802.11ac VHT40_Nss1,(MCS0)_1TX

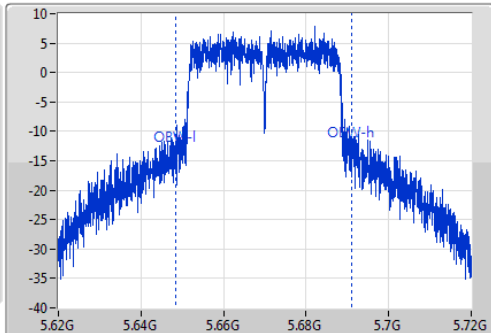
EBW

5670MHz

Ch Freq
5.67GHz
Span
100MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak
Port1



Ch Freq
5.67GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Sample



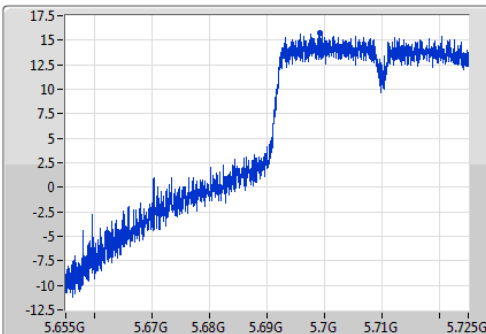
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
88.05M	5.62425G	5.7123G	42.579M	5.648511G	5.691089G	Inf	1

802.11ac VHT40_Nss1,(MCS0)_1TX

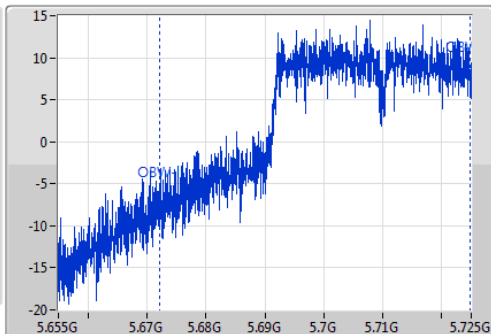
EBW

5710MHz Straddle 5.47-5.725GHz

Ch Freq
5.69GHz
Span
70MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak
Port1



Ch Freq
5.69GHz
Span
70MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Sample

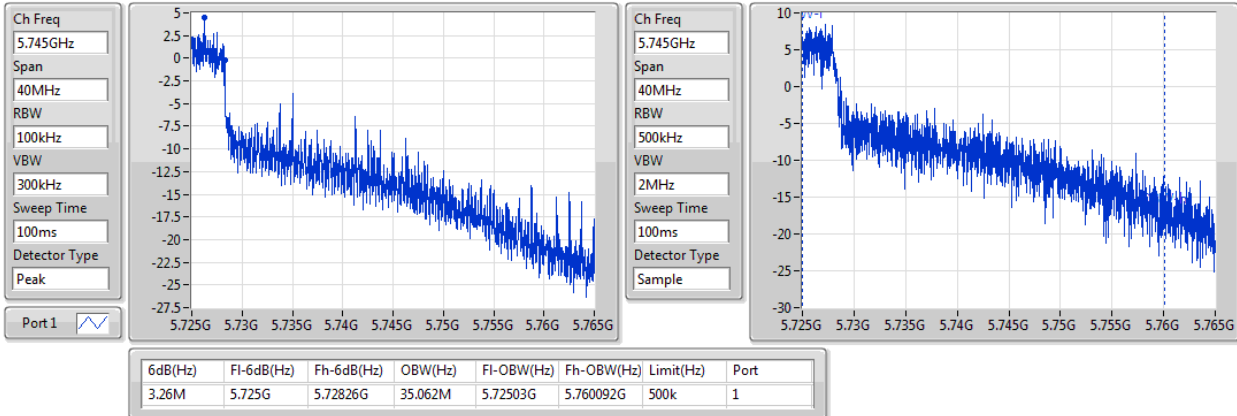


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
70M	5.655G	5.725G	52.649M	5.672089G	5.724738G	Inf	1

802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

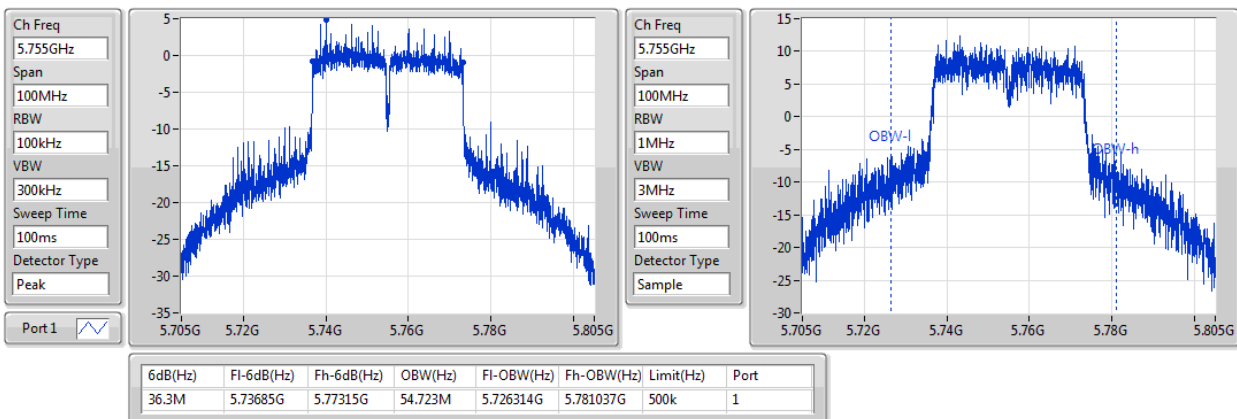
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

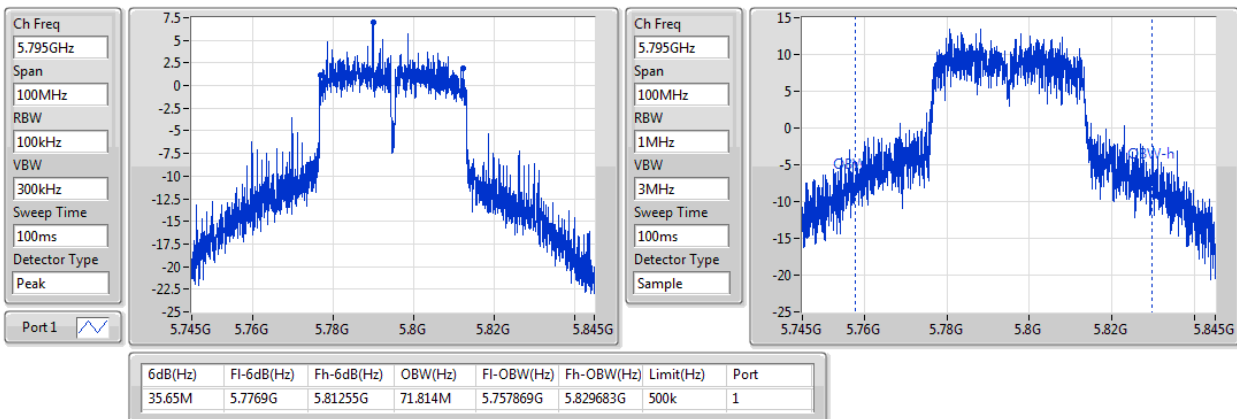
5755MHz

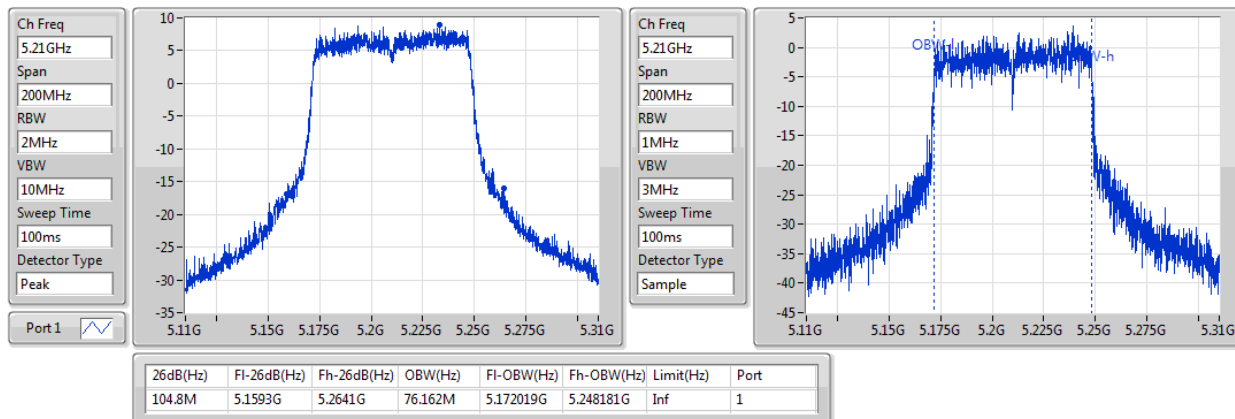
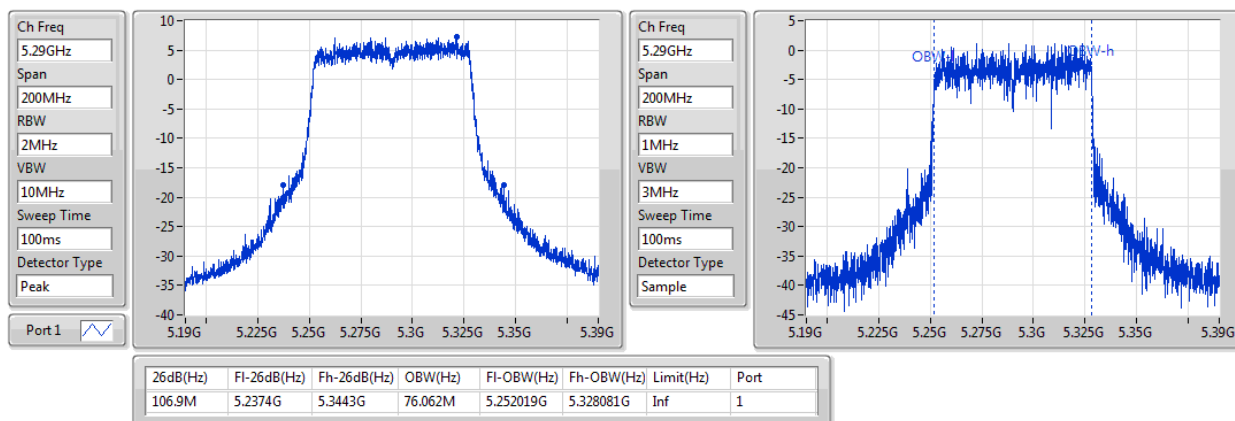
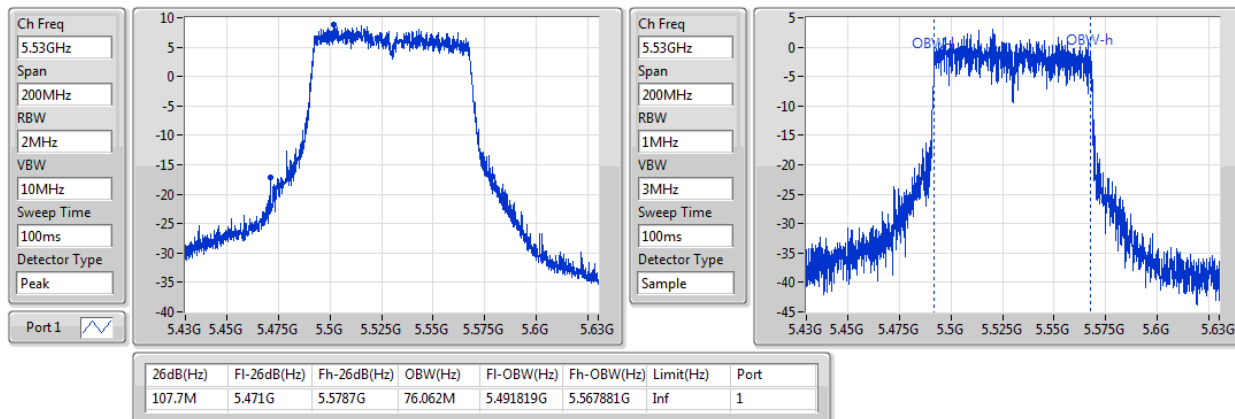


802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

5795MHz

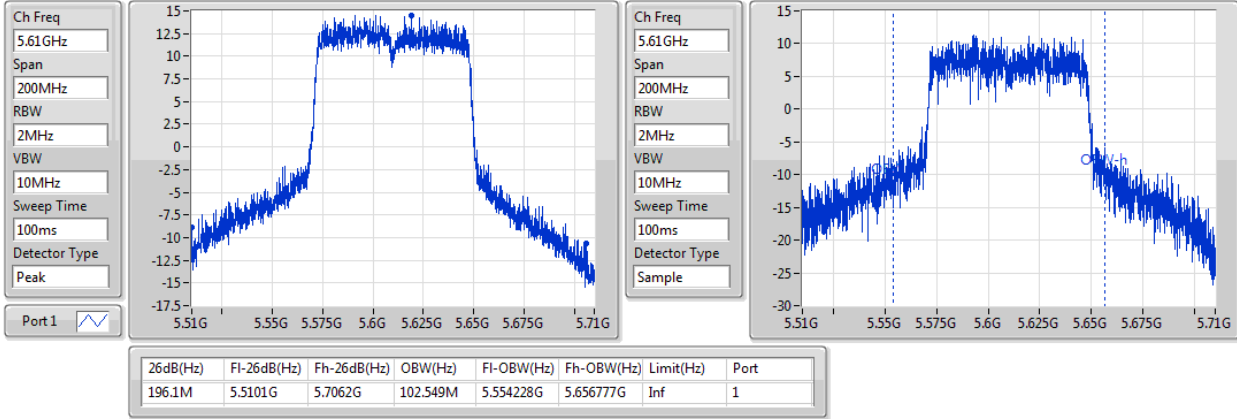


802.11ac VHT80_Nss1,(MCS0)_1TX
EBW
5210MHz

802.11ac VHT80_Nss1,(MCS0)_1TX
EBW
5290MHz

802.11ac VHT80_Nss1,(MCS0)_1TX
EBW
5530MHz


802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

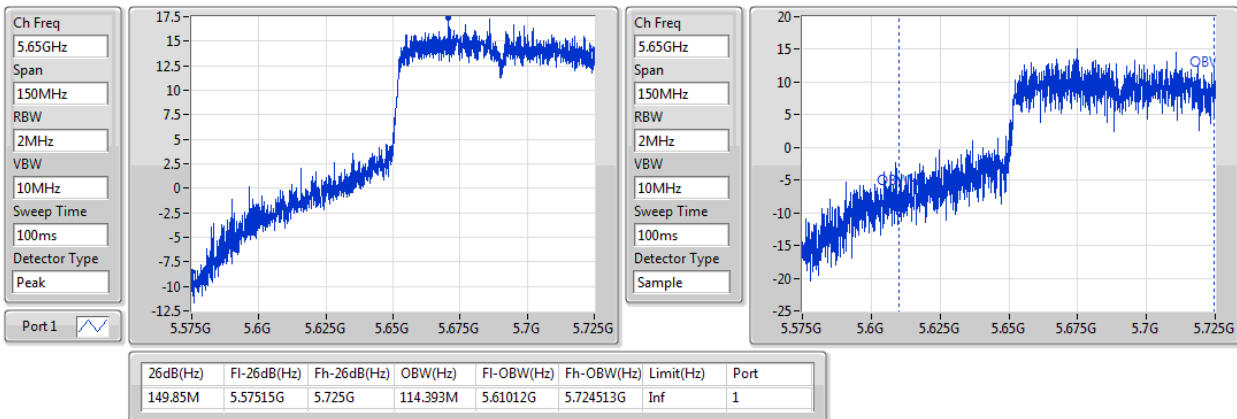
5610MHz



802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

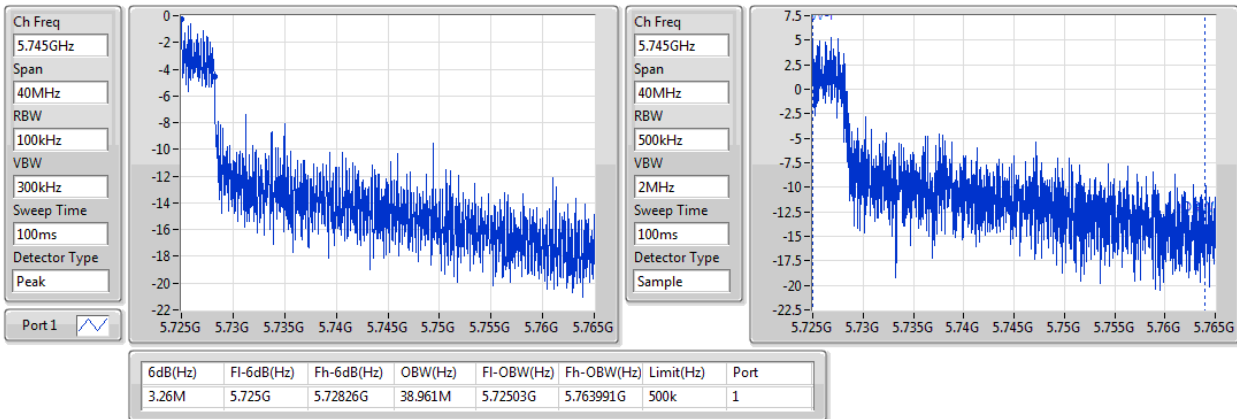
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

5690MHz Straddle 5.725-5.85GHz



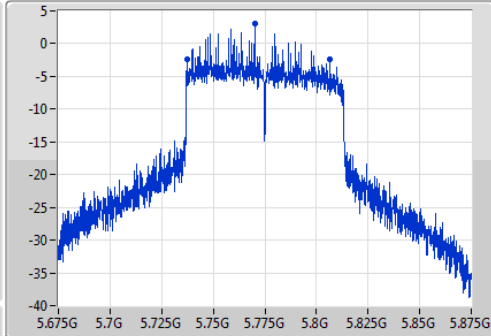


802.11ac VHT80_Nss1,(MCS0)_1TX

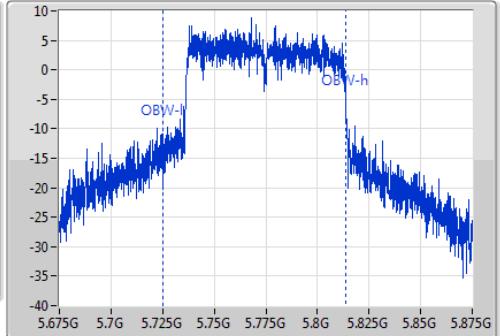
EBW

5775MHz

Ch Freq
5.775GHz
Span
200MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak
Port1



Ch Freq
5.775GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
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
68.8M	5.7375G	5.8063G	88.656M	5.725025G	5.813681G	500k	1

**For Set 5 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	46.225M	26.687M	26M7D1D	40.05M	19.665M
5.25-5.35GHz	46.4M	26.987M	27M0D1D	39.475M	19.715M
5.47-5.725GHz	46.35M	26.087M	26M1D1D	27.855M	18.501M
5.725-5.85GHz	16.45M	36.482M	36M5D1D	3.14M	13.713M
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5.15-5.25GHz	49.175M	28.961M	29M0D1D	39.775M	19.615M
5.25-5.35GHz	47.375M	26.937M	26M9D1D	42.875M	19.99M
5.47-5.725GHz	46.05M	25.862M	25M9D1D	29.265M	20.42M
5.725-5.85GHz	17.3M	38.981M	39M0D1D	3.14M	12.174M
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5.15-5.25GHz	84.6M	39.63M	39M6D1D	52.95M	36.582M
5.25-5.35GHz	95.95M	48.226M	48M2D1D	54.4M	36.532M
5.47-5.725GHz	98.45M	54.473M	54M5D1D	56.2M	36.482M
5.725-5.85GHz	35.7M	54.873M	54M9D1D	3.12M	27.466M
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5.15-5.25GHz	107.4M	76.262M	76M3D1D	107.4M	76.262M
5.25-5.35GHz	104.5M	76.262M	76M3D1D	104.5M	76.262M
5.47-5.725GHz	198.7M	99.45M	99M4D1D	102.9M	76.062M
5.725-5.85GHz	66.6M	87.256M	87M3D1D	3.26M	37.401M

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	41.325M	20.64M
5200MHz	Pass	Inf	46.225M	26.687M
5240MHz	Pass	Inf	40.05M	19.665M
5260MHz	Pass	Inf	46.4M	26.987M
5300MHz	Pass	Inf	45.325M	25.212M
5320MHz	Pass	Inf	39.475M	19.715M
5500MHz	Pass	Inf	42.475M	20.79M
5580MHz	Pass	Inf	46.3M	26.087M
5700MHz	Pass	Inf	46.35M	25.162M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	27.855M	18.501M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	13.713M
5745MHz	Pass	500k	16.45M	36.482M
5785MHz	Pass	500k	16.325M	26.337M
5825MHz	Pass	500k	16.3M	27.436M
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	44.925M	21.039M
5200MHz	Pass	Inf	49.175M	28.961M
5240MHz	Pass	Inf	39.775M	19.615M
5260MHz	Pass	Inf	47.375M	25.812M
5300MHz	Pass	Inf	46.075M	26.937M
5320MHz	Pass	Inf	42.875M	19.99M
5500MHz	Pass	Inf	42.875M	21.064M
5580MHz	Pass	Inf	46.05M	25.562M
5700MHz	Pass	Inf	45.975M	25.862M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	29.265M	20.42M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	12.174M
5745MHz	Pass	500k	17.3M	38.981M
5785MHz	Pass	500k	16.3M	28.436M
5825MHz	Pass	500k	16.65M	30.06M
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	52.95M	36.582M
5230MHz	Pass	Inf	84.6M	39.63M
5270MHz	Pass	Inf	95.95M	48.226M
5310MHz	Pass	Inf	54.4M	36.532M
5510MHz	Pass	Inf	56.2M	36.482M
5550MHz	Pass	Inf	98.45M	54.473M
5670MHz	Pass	Inf	95.15M	49.525M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	65.1M	41.034M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	27.466M
5755MHz	Pass	500k	35.7M	54.873M
5795MHz	Pass	500k	35.65M	51.874M



Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	107.4M	76.262M
5290MHz	Pass	Inf	104.5M	76.262M
5530MHz	Pass	Inf	102.9M	76.062M
5610MHz	Pass	Inf	198.7M	99.45M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	136.35M	86.132M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.26M	37.401M
5775MHz	Pass	500k	66.6M	87.256M

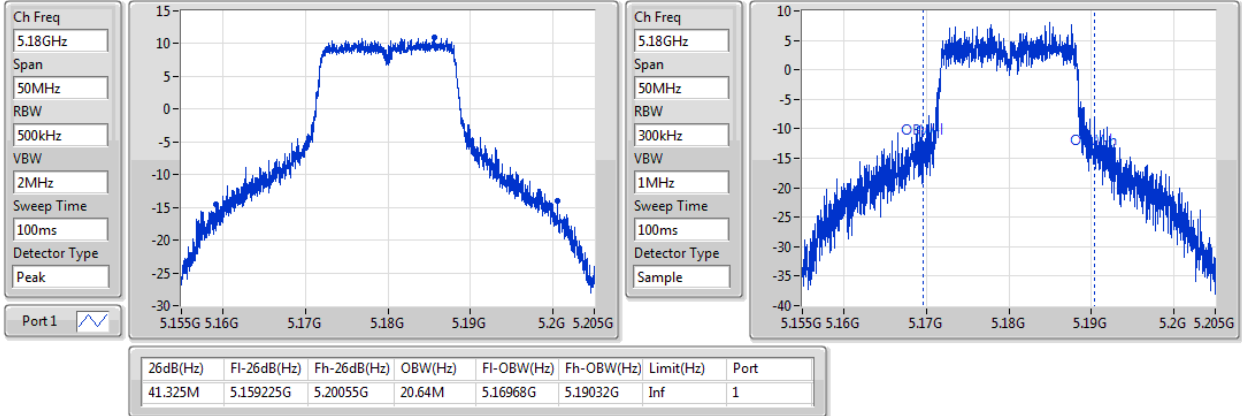
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

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

802.11a_(6Mbps)_1TX

EBW

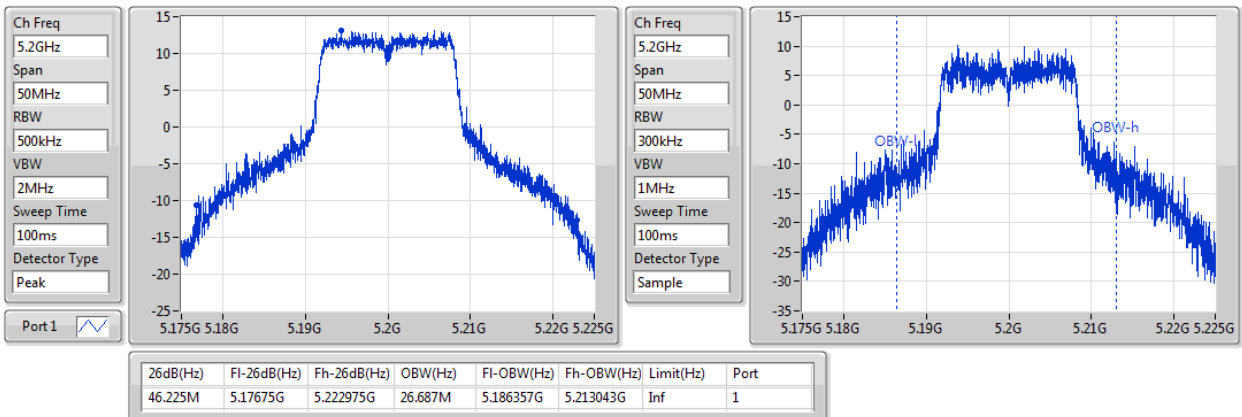
5180MHz



802.11a_(6Mbps)_1TX

EBW

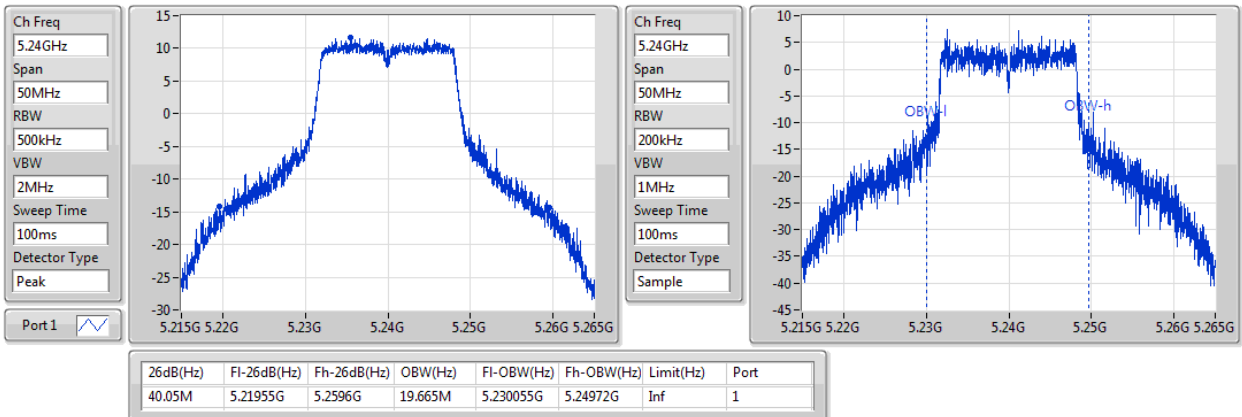
5200MHz



802.11a_(6Mbps)_1TX

EBW

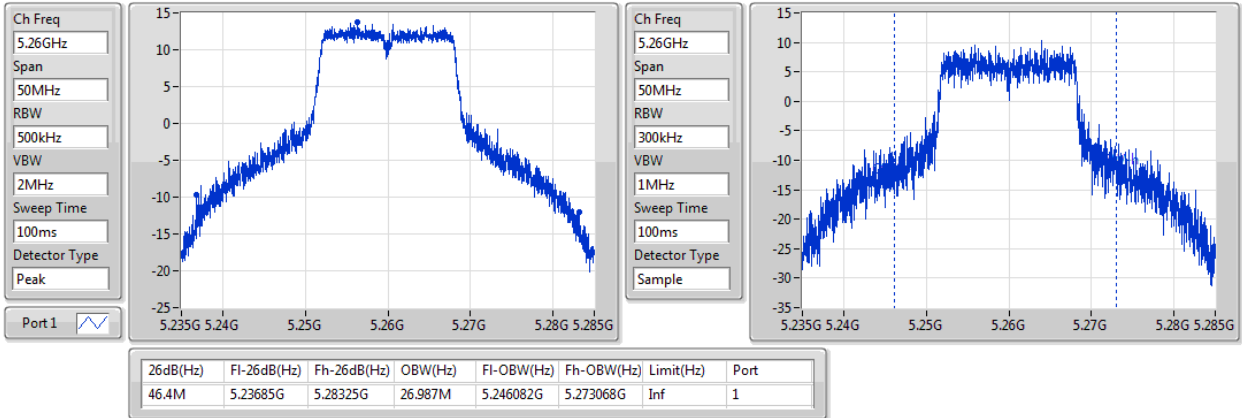
5240MHz



802.11a_(6Mbps)_1TX

EBW

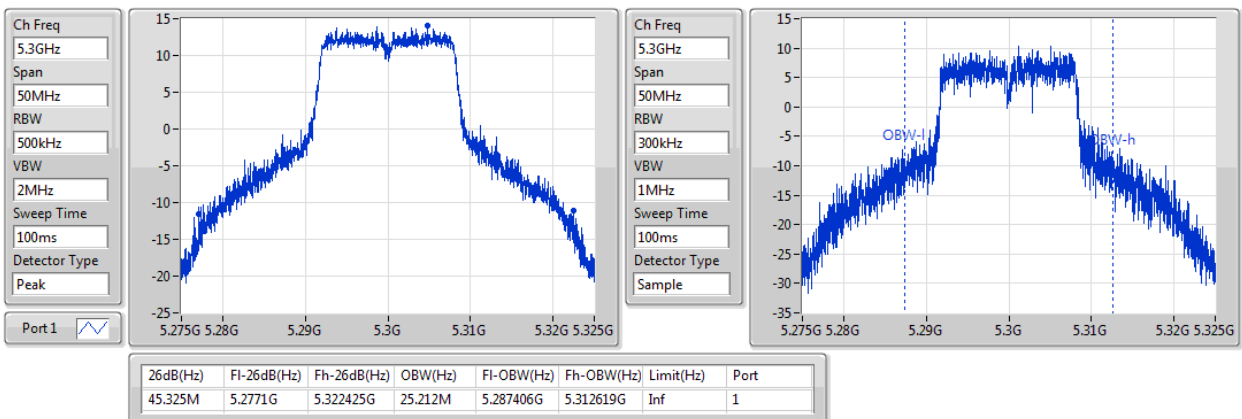
5260MHz



802.11a_(6Mbps)_1TX

EBW

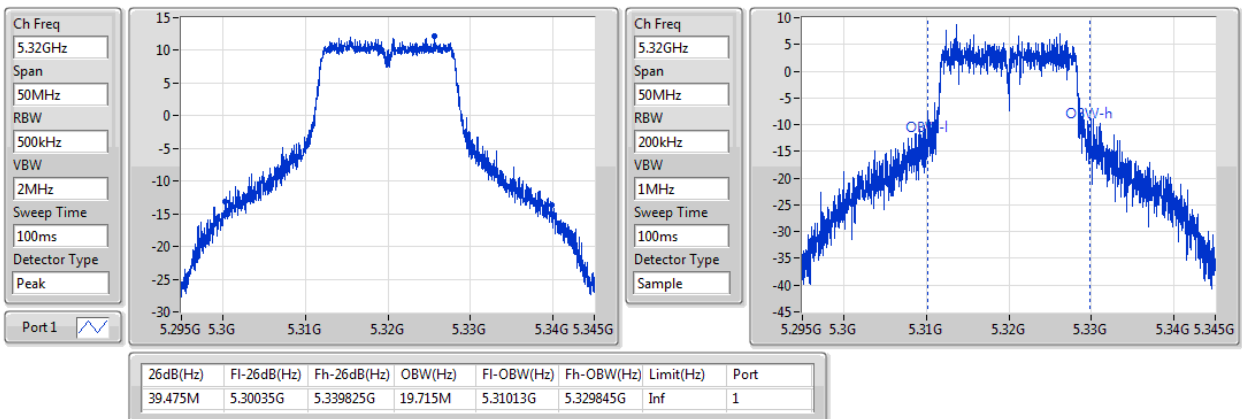
5300MHz



802.11a_(6Mbps)_1TX

EBW

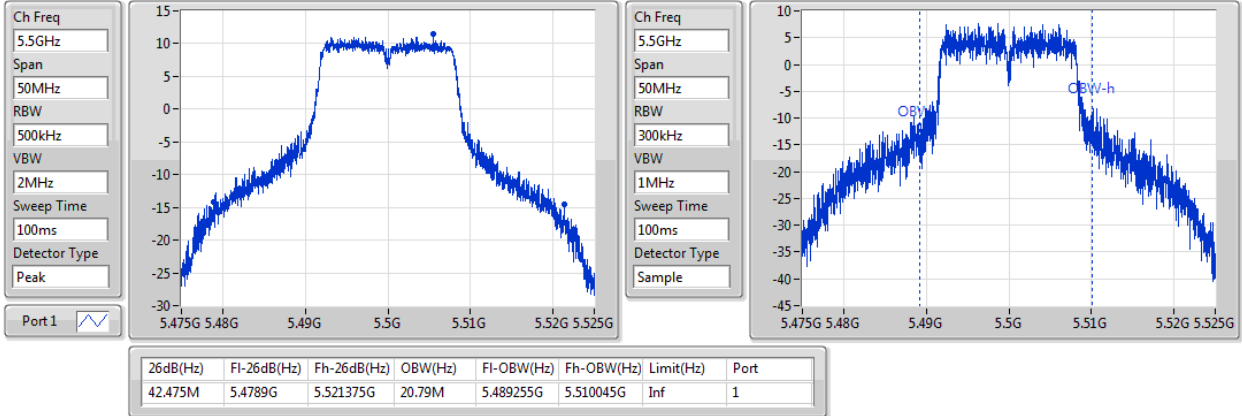
5320MHz



802.11a_(6Mbps)_1TX

EBW

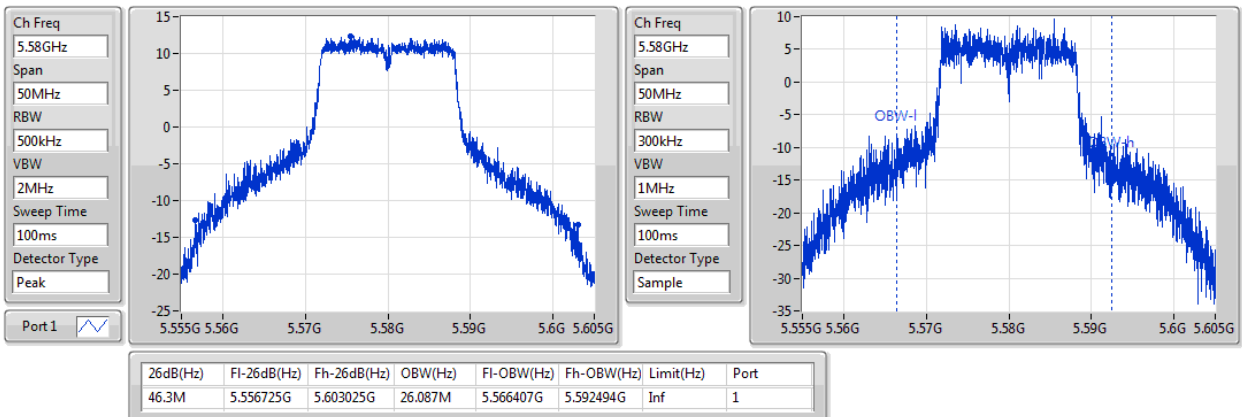
5500MHz



802.11a_(6Mbps)_1TX

EBW

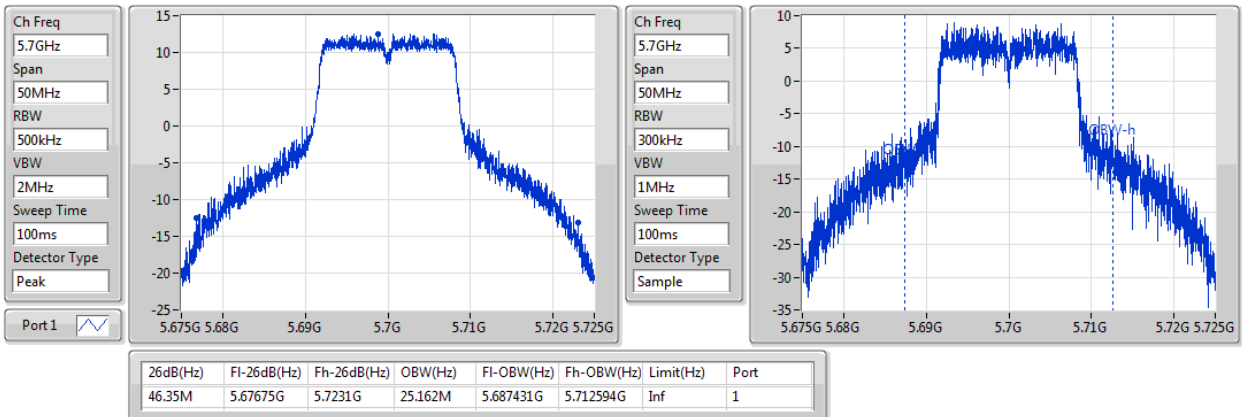
5580MHz



802.11a_(6Mbps)_1TX

EBW

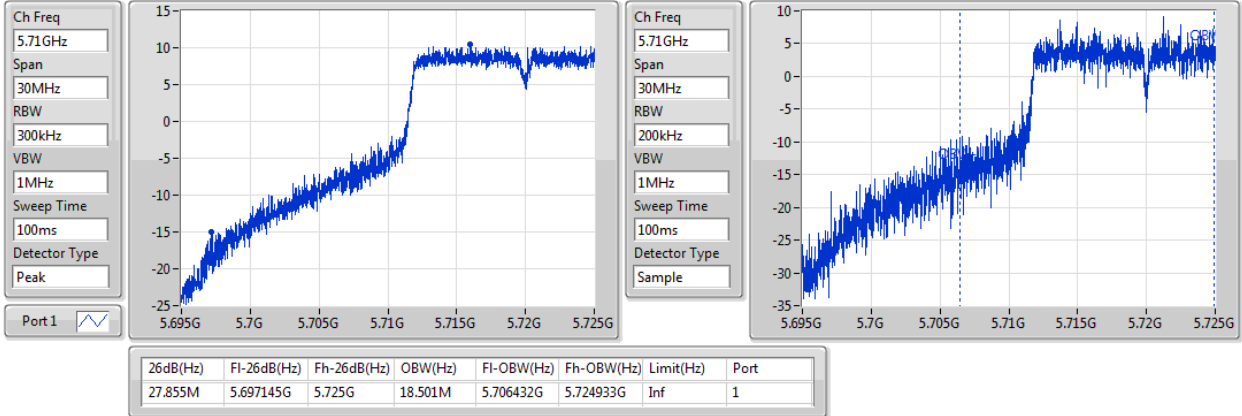
5700MHz



802.11a_(6Mbps)_1TX

EBW

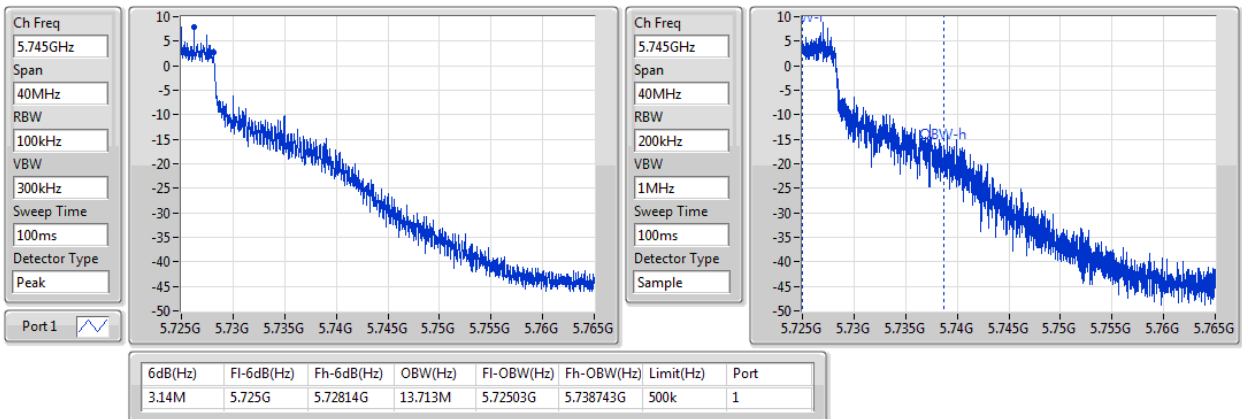
5720MHz Straddle 5.47-5.725GHz



802.11a_(6Mbps)_1TX

EBW

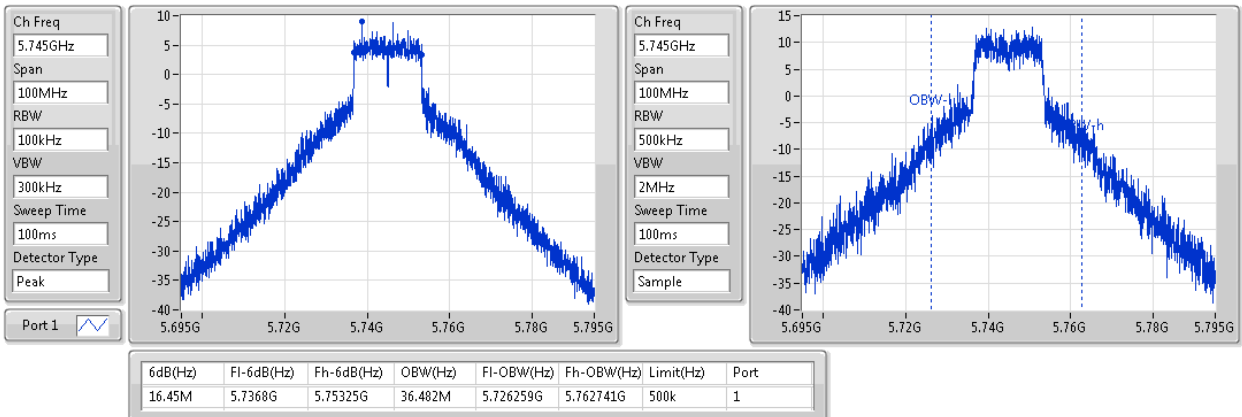
5720MHz Straddle 5.725-5.85GHz



802.11a_(6Mbps)_1TX

EBW

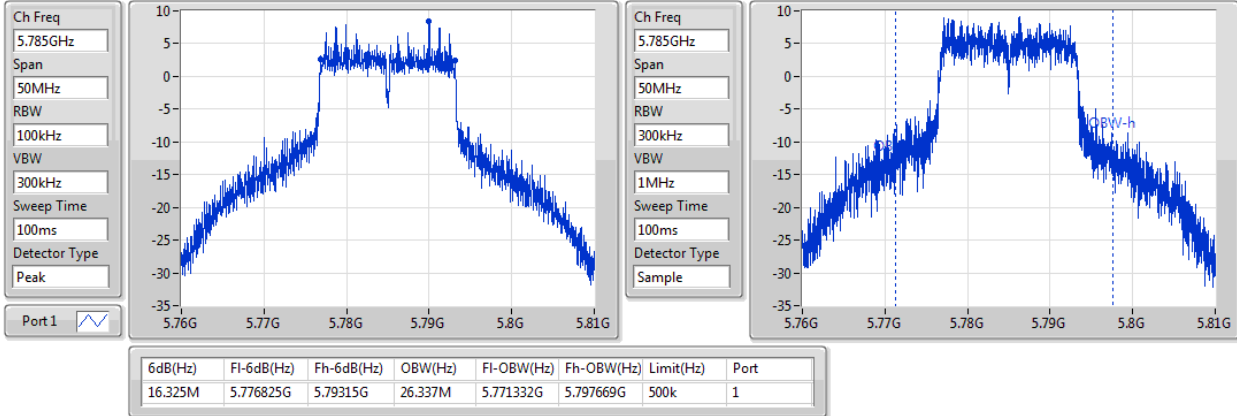
5745MHz



802.11a_(6Mbps)_1TX

EBW

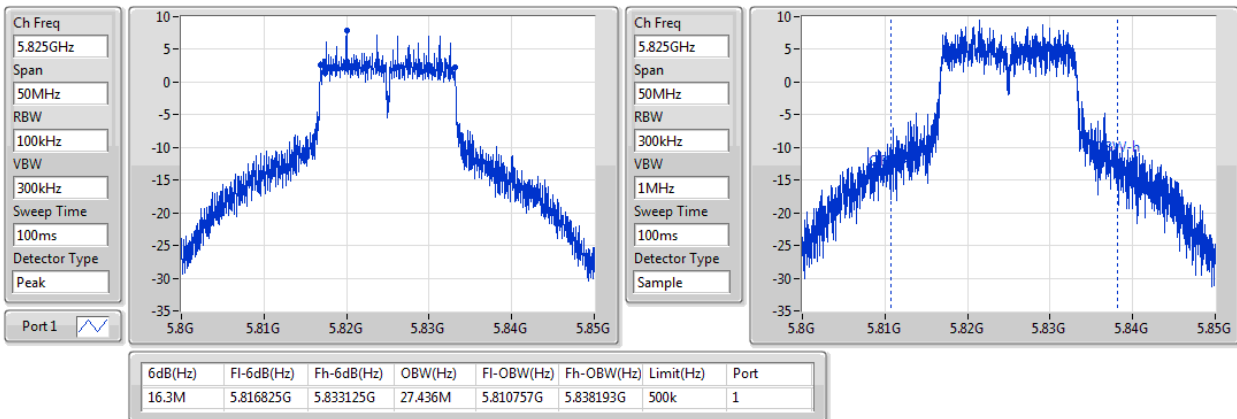
5785MHz



802.11a_(6Mbps)_1TX

EBW

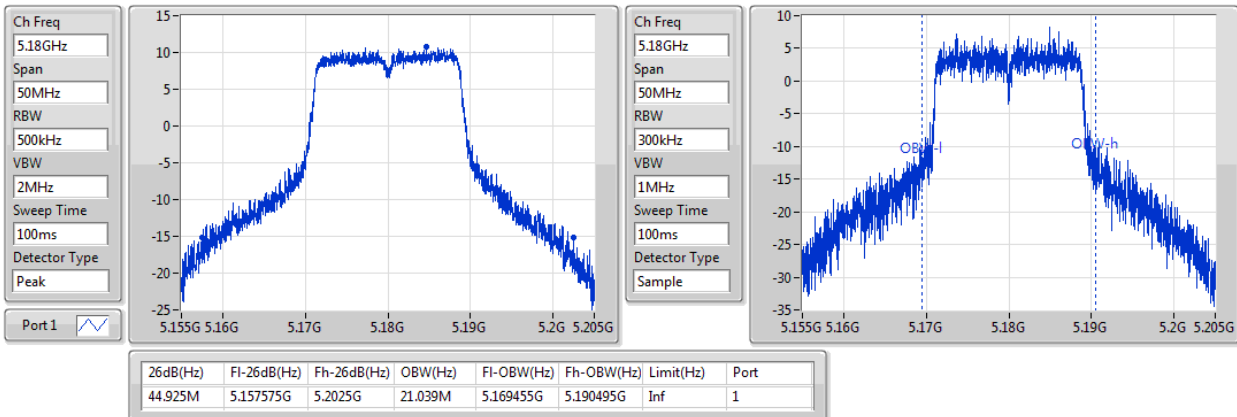
5825MHz



802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

5180MHz

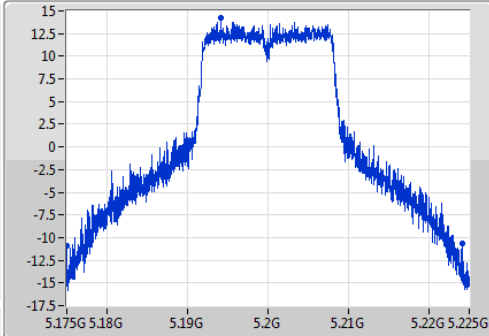


802.11ac VHT20_Nss1,(MCS0)_1TX

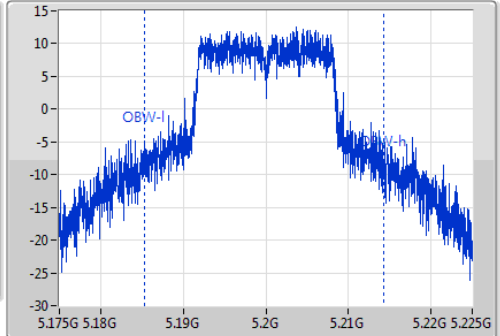
EBW

5200MHz

Ch Freq
5.2GHz
Span
50MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak
Port 1



Ch Freq
5.2GHz
Span
50MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Sample
Port 1



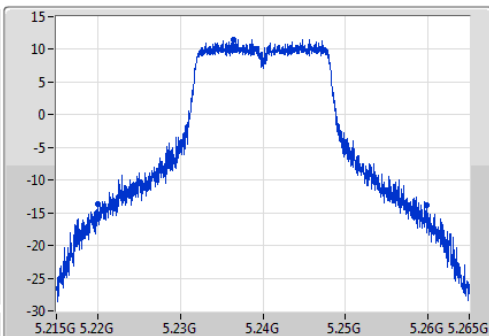
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
49.175M	5.175025G	5.2242G	28.961M	5.185357G	5.214318G	Inf	1

802.11ac VHT20_Nss1,(MCS0)_1TX

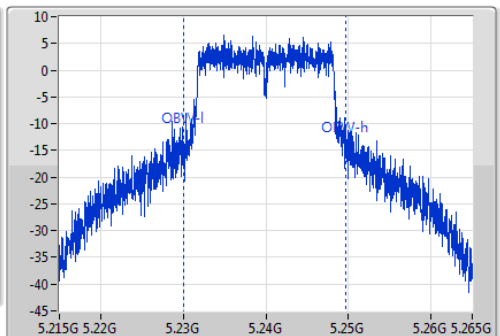
EBW

5240MHz

Ch Freq
5.24GHz
Span
50MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak
Port 1



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



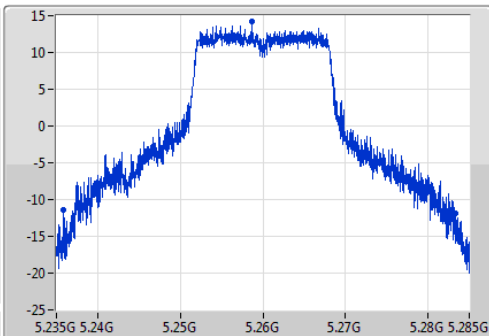
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.775M	5.220025G	5.2598G	19.615M	5.230055G	5.24967G	Inf	1

802.11ac VHT20_Nss1,(MCS0)_1TX

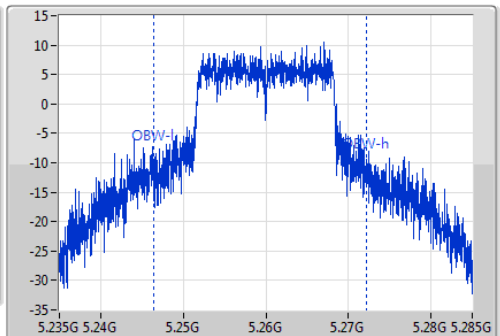
EBW

5260MHz

Ch Freq
5.26GHz
Span
50MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak
Port 1



Ch Freq
5.26GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample
Port 1

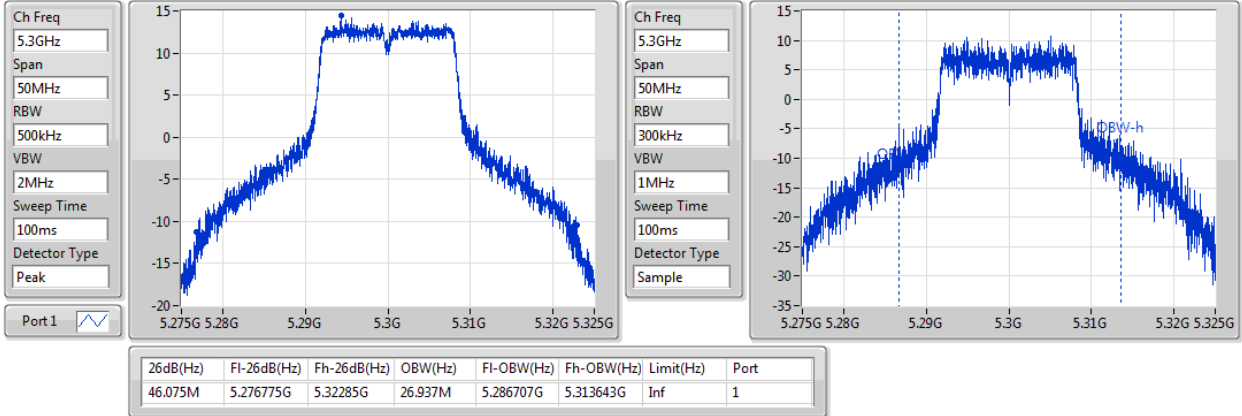


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
47.375M	5.2359G	5.283275G	25.812M	5.246382G	5.272194G	Inf	1

802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

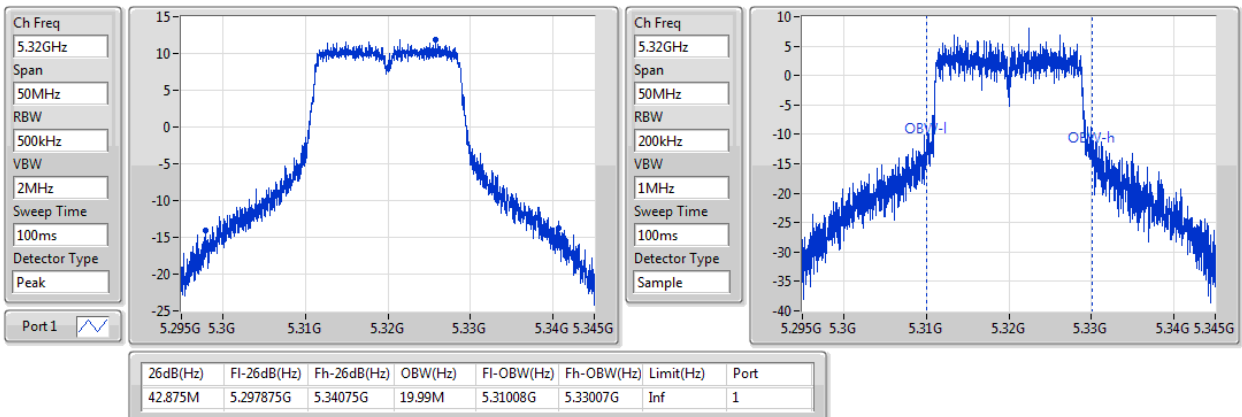
5300MHz



802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

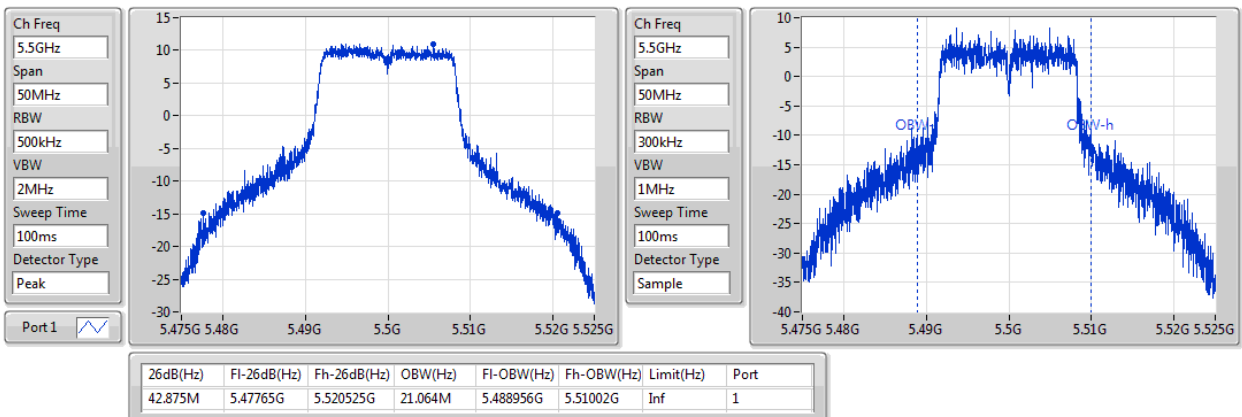
5320MHz



802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

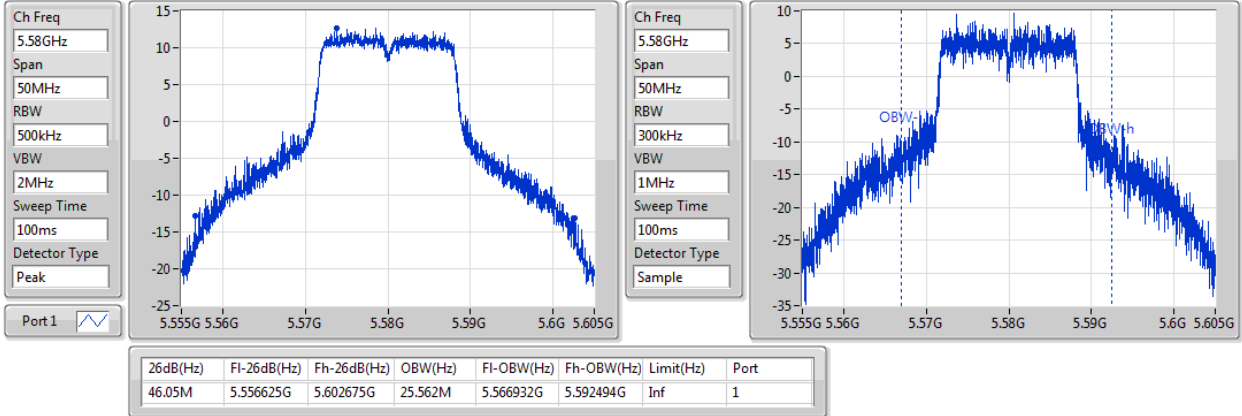
5500MHz



802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

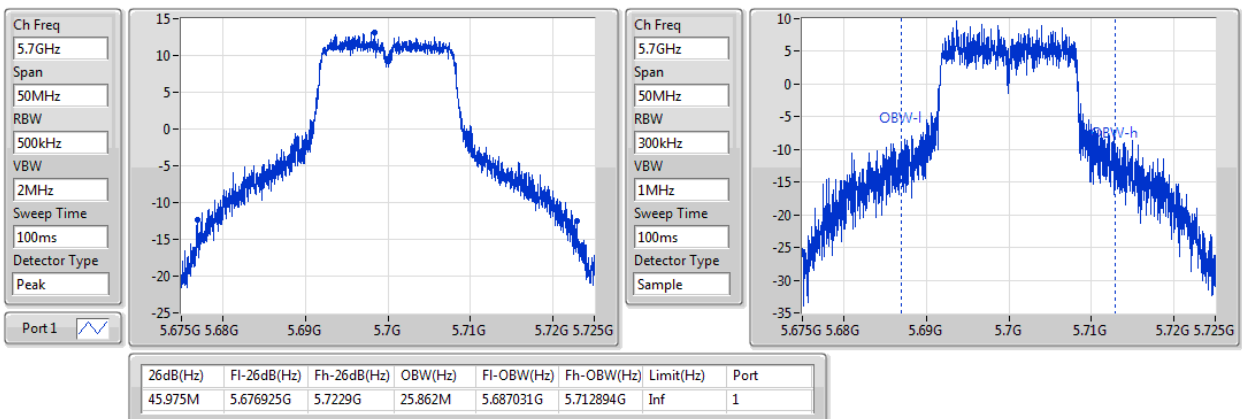
5580MHz



802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

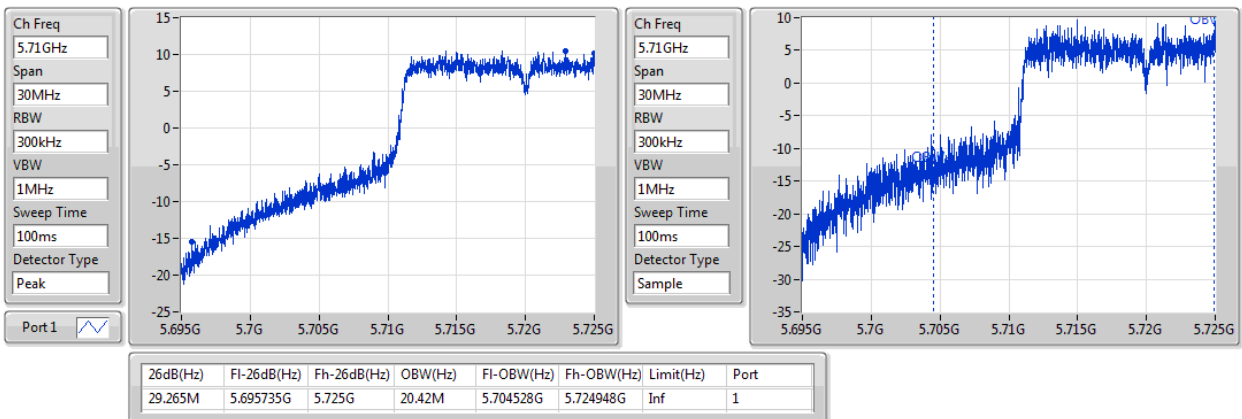
5700MHz



802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

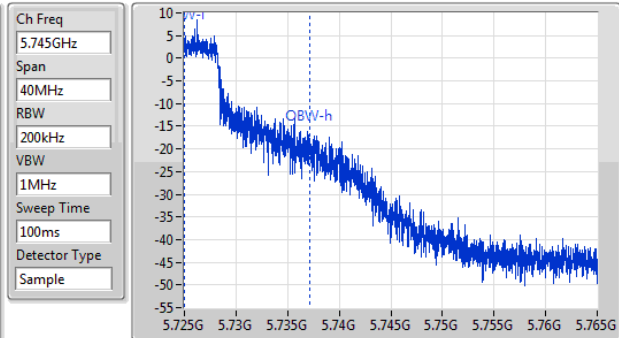
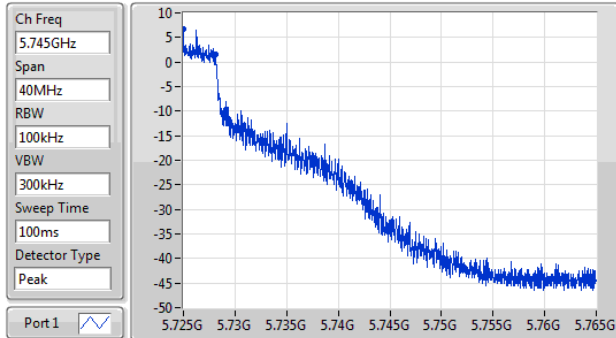
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

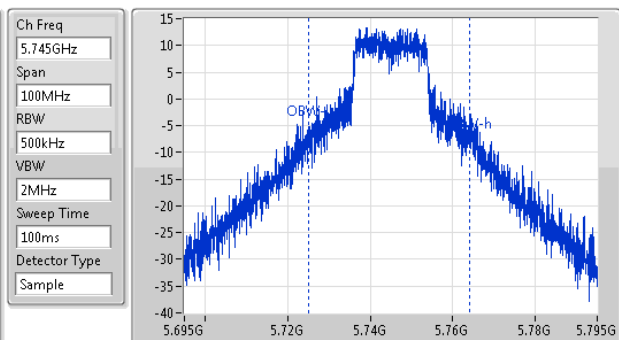
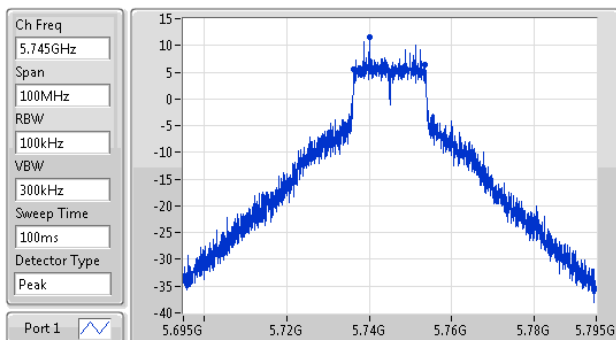


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.14M	5.725G	5.72814G	12.174M	5.72501G	5.737184G	500k	1

802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

5745MHz

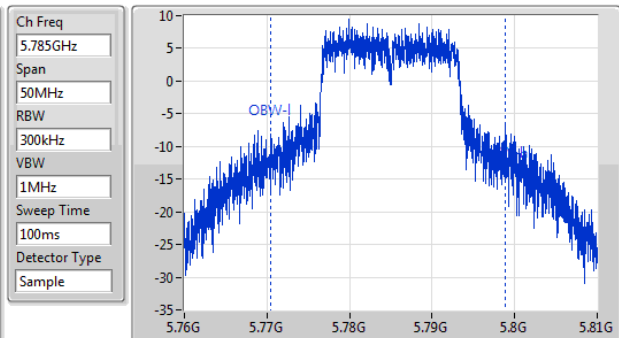
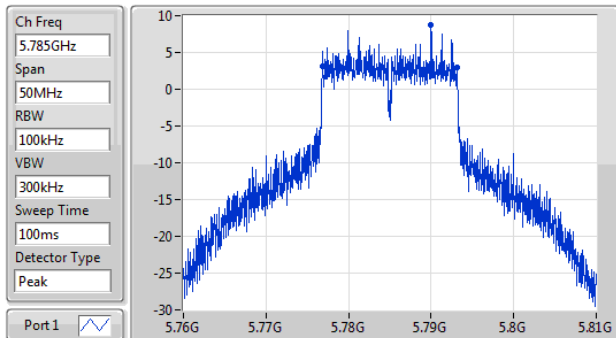


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.3M	5.7362G	5.7535G	38.981M	5.72516G	5.76414G	500k	1

802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

5785MHz

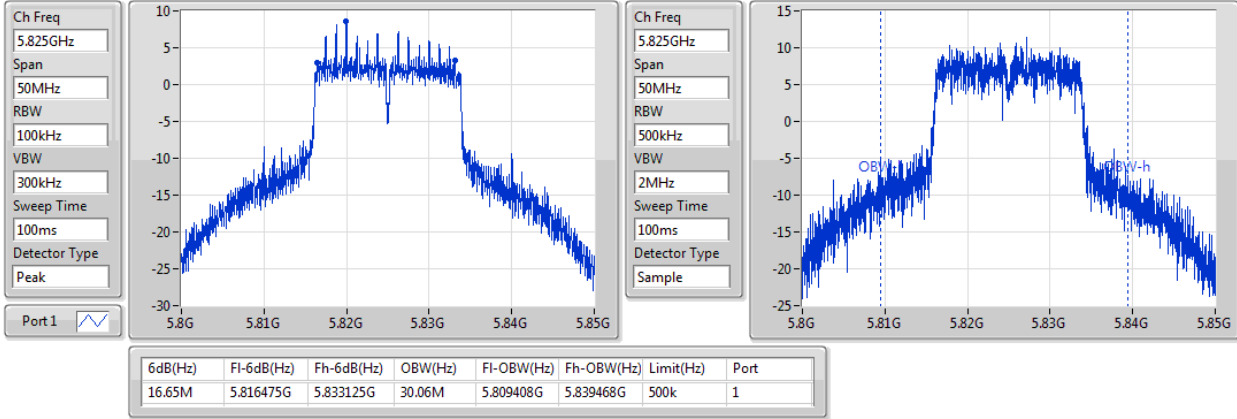


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	5.77685G	5.79315G	28.436M	5.770482G	5.798918G	500k	1

802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

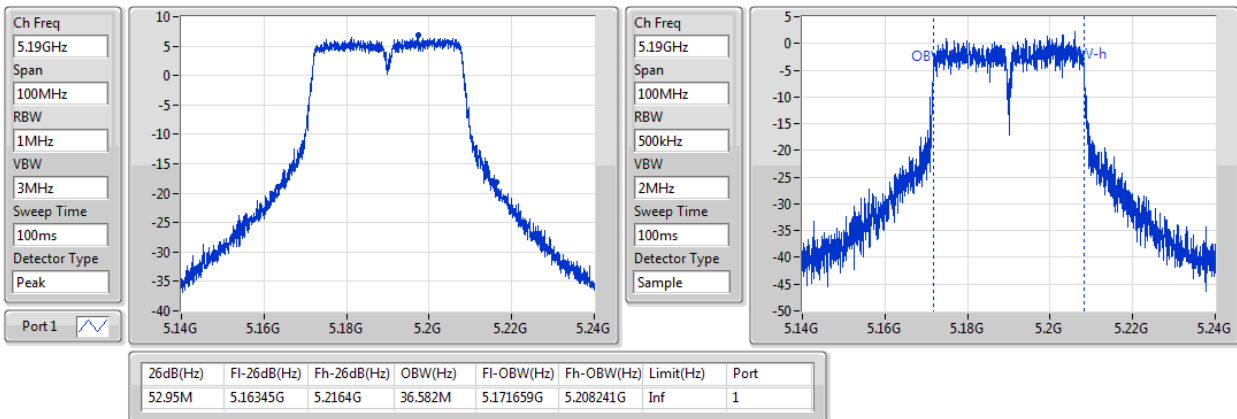
5825MHz



802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

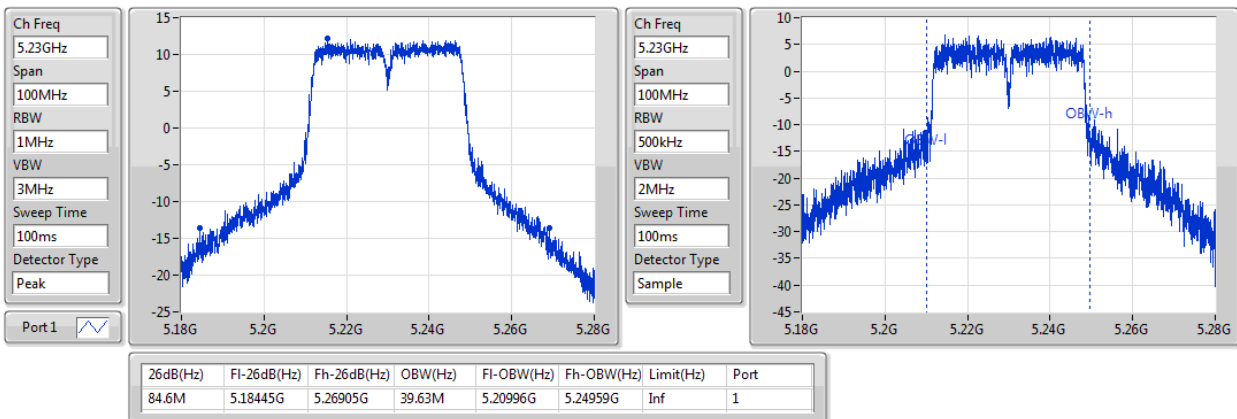
5190MHz



802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

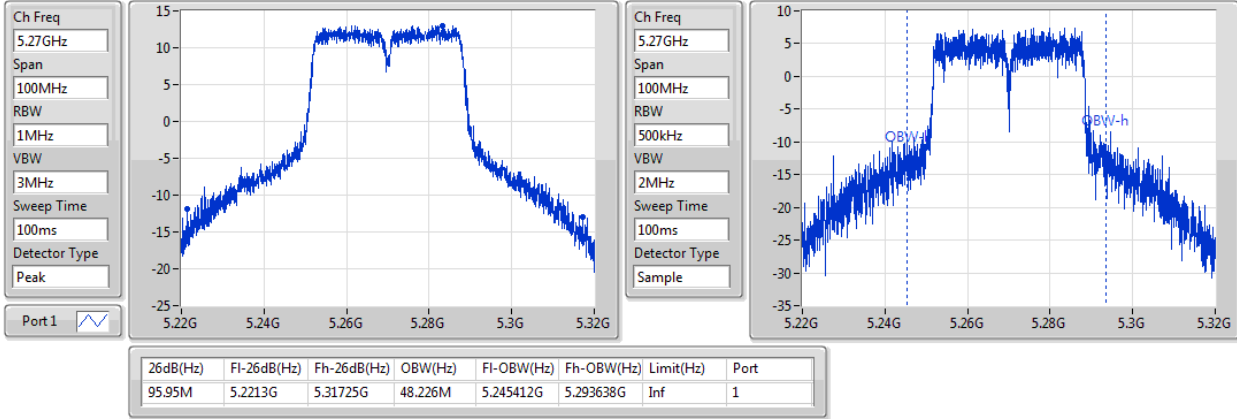
5230MHz



802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

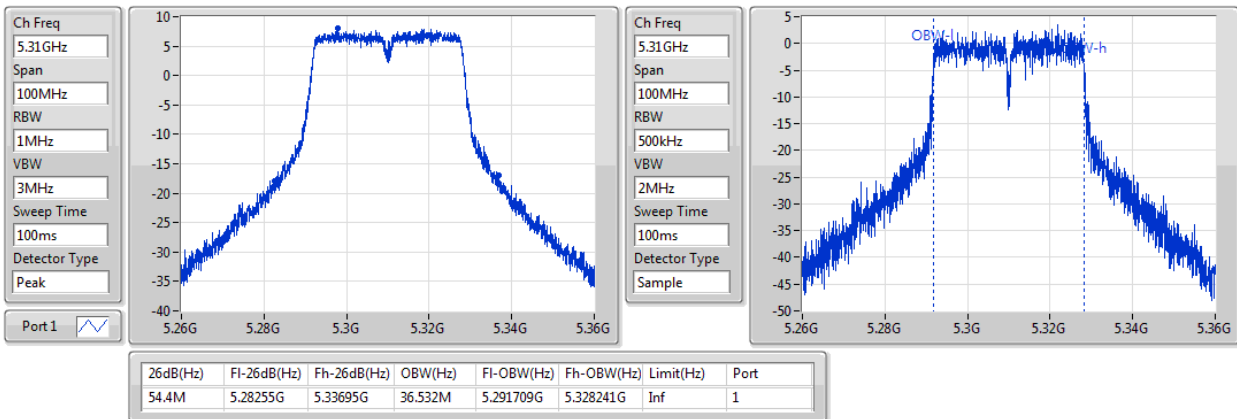
5270MHz



802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

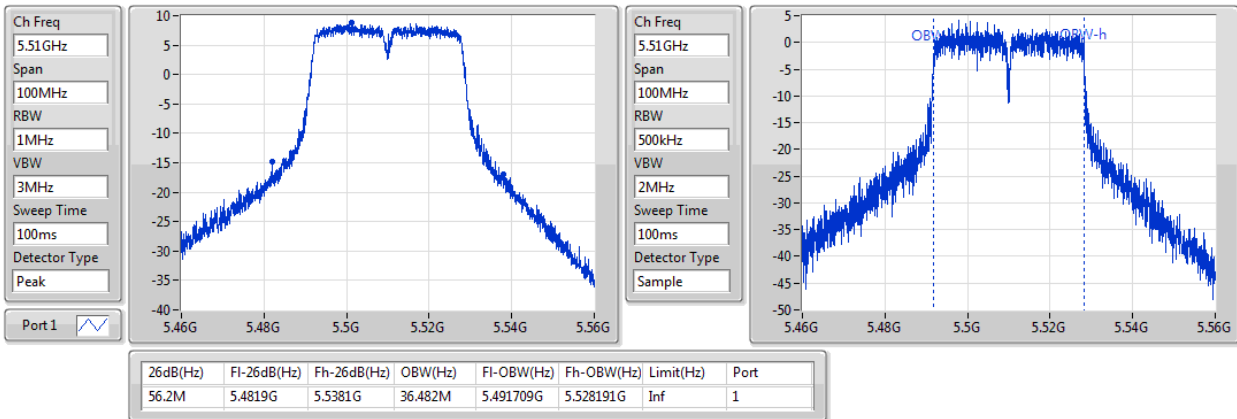
5310MHz

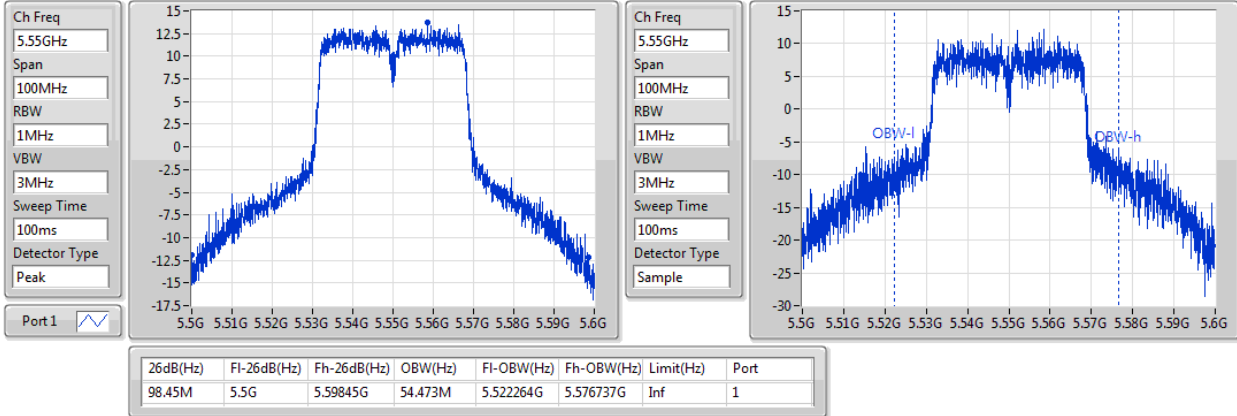
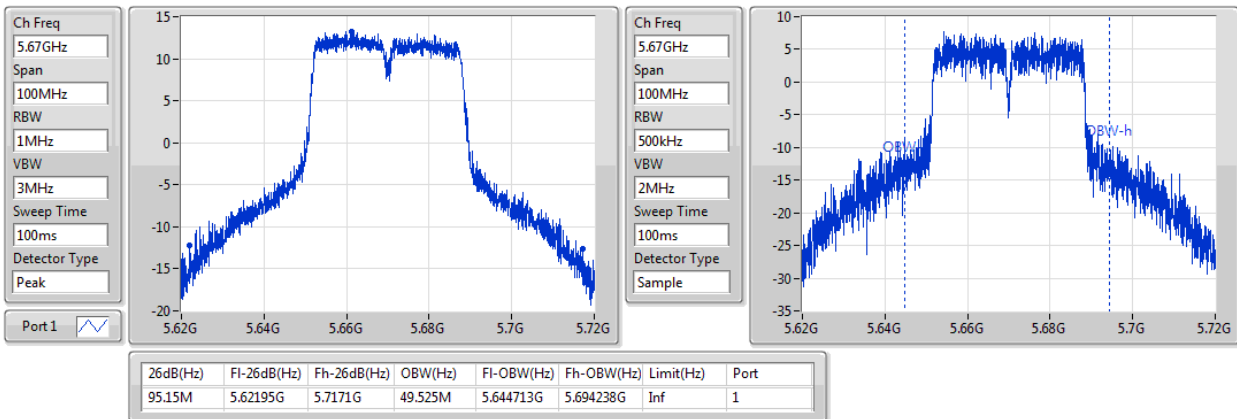
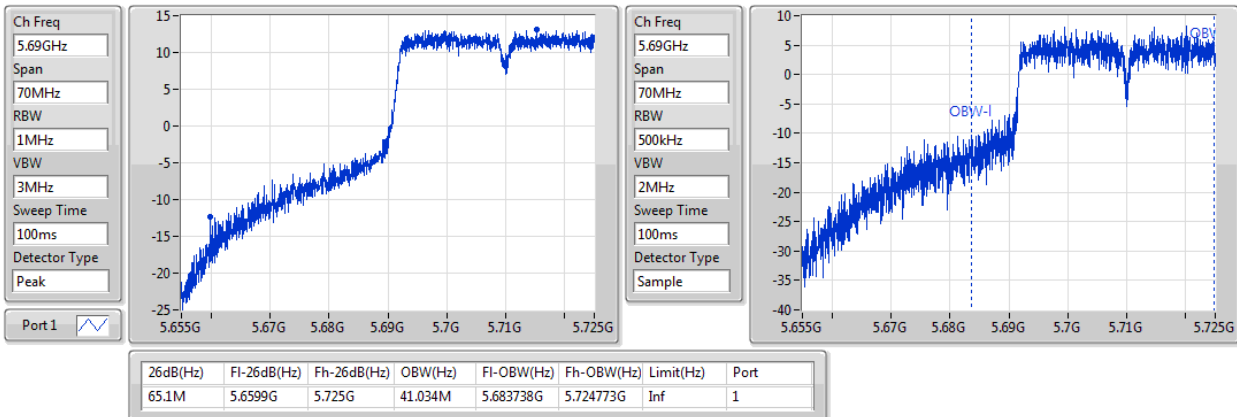


802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

5510MHz

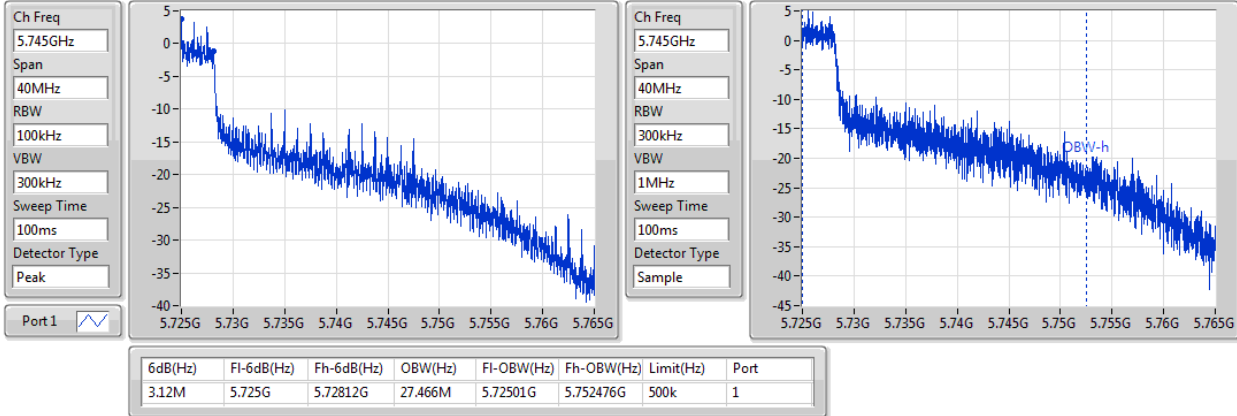


802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5550MHz

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

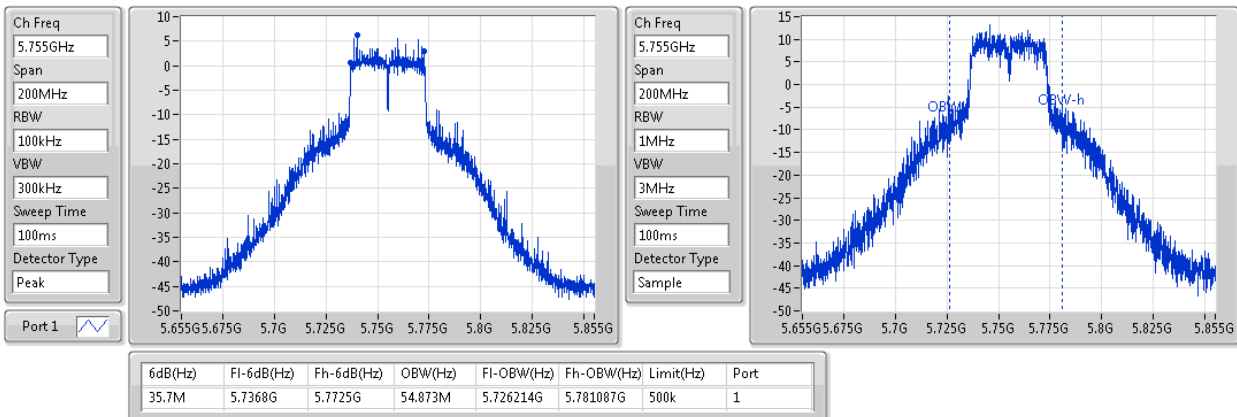
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

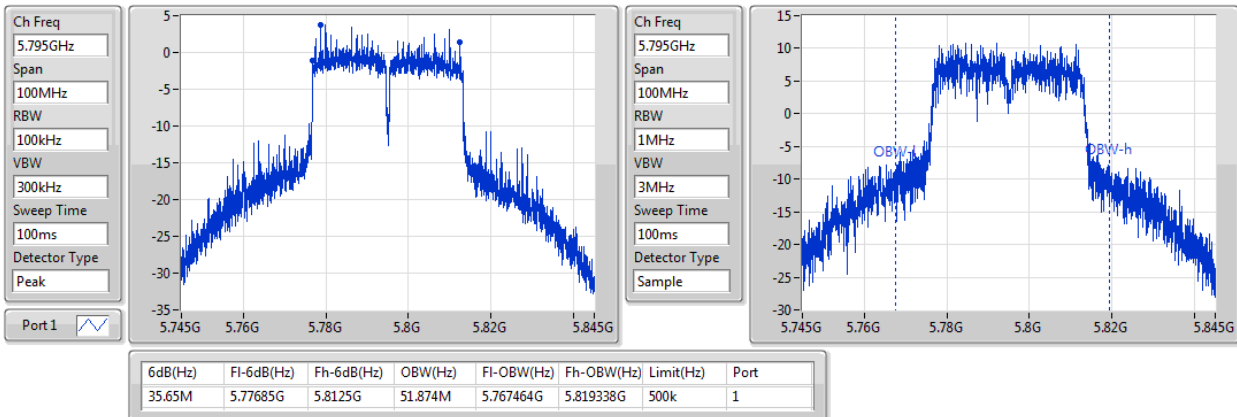
5755MHz



802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

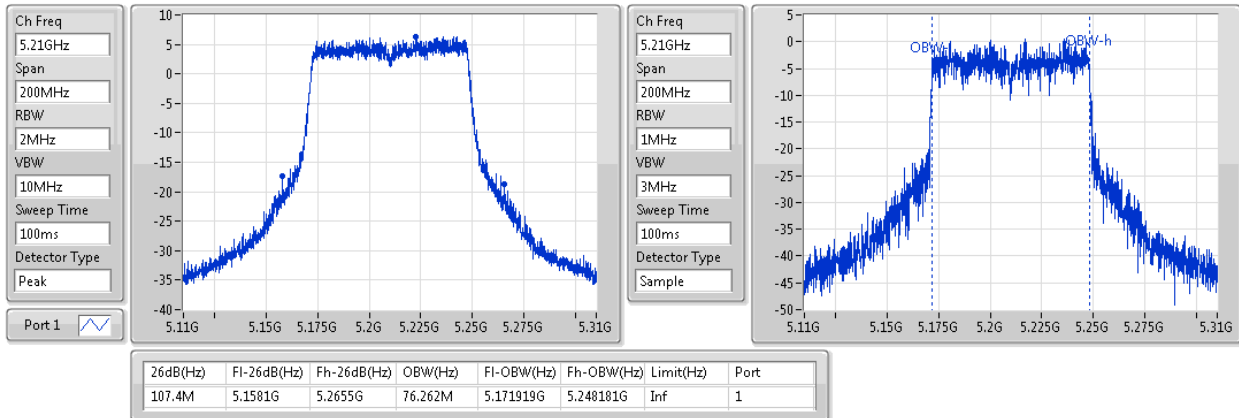
5795MHz



802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

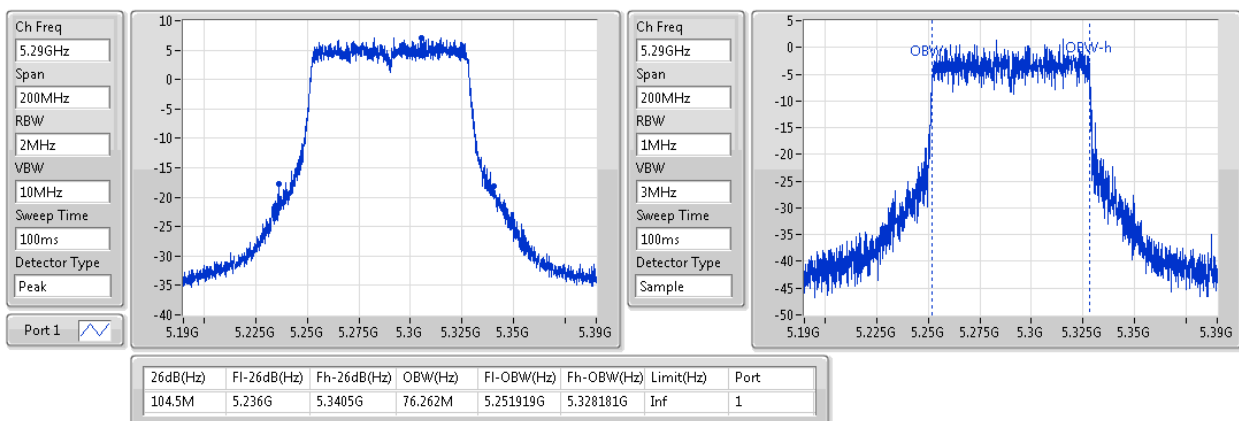
5210MHz



802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

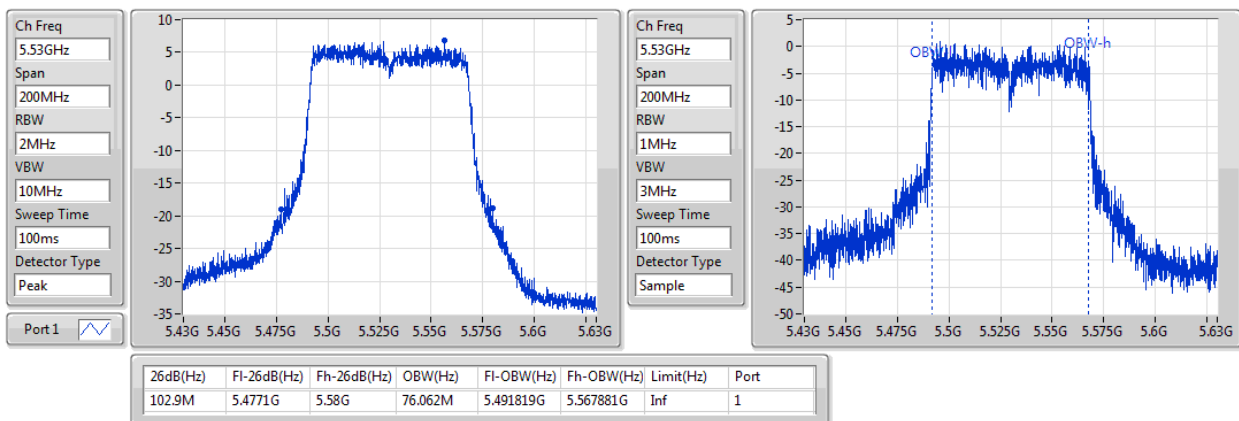
5290MHz



802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

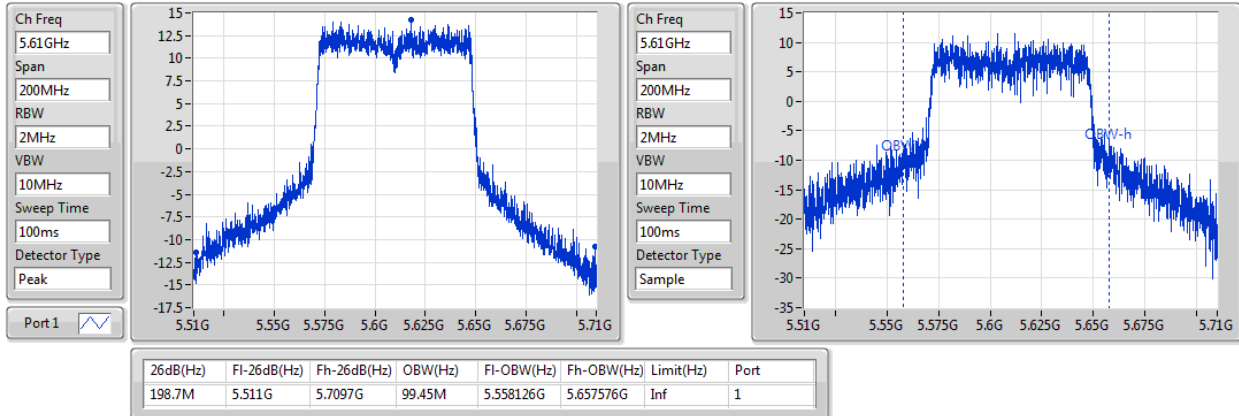
5530MHz



802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

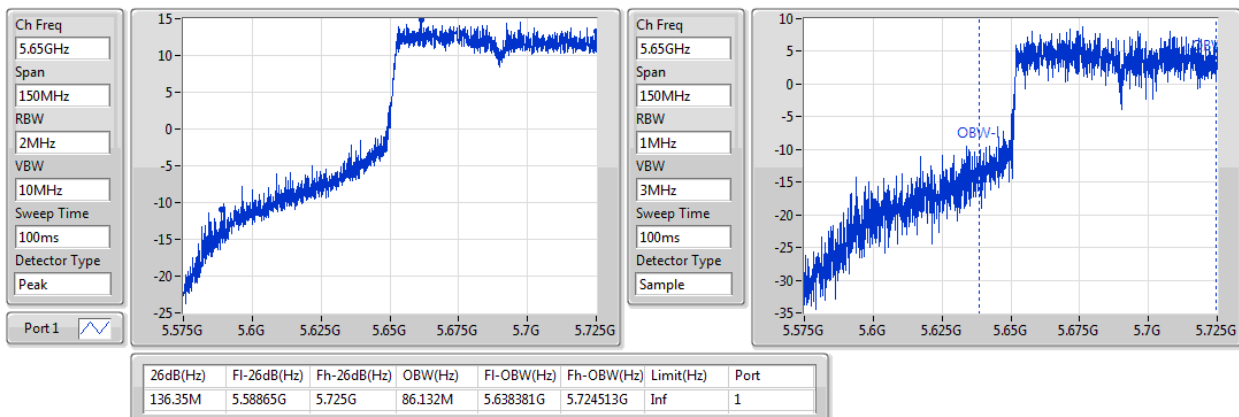
5610MHz



802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

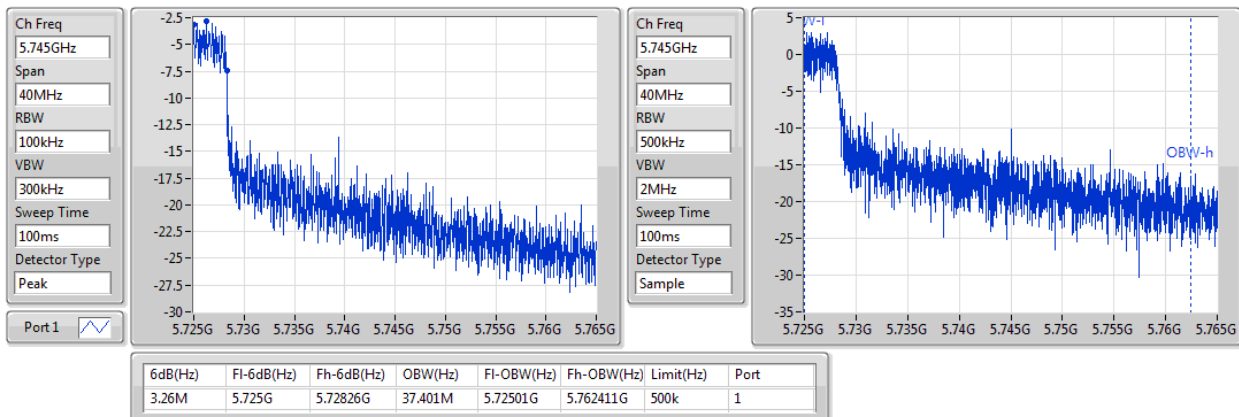
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

5690MHz Straddle 5.725-5.85GHz



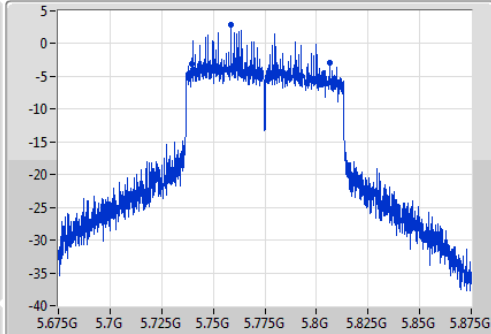


802.11ac VHT80_Nss1,(MCS0)_1TX

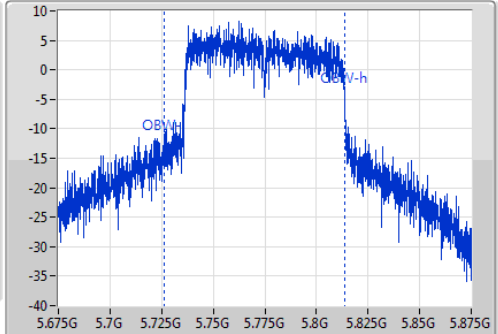
EBW

5775MHz

Ch Freq
5.775GHz
Span
200MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak
Port1



Ch Freq
5.775GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
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
66.6M	5.7397G	5.8063G	87.256M	5.726524G	5.813781G	500k	1

For Set 6 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	58.3M	34.183M	34M2D1D	40.05M	19.665M
5.25-5.35GHz	63.2M	37.381M	37M4D1D	43.85M	22.839M
5.47-5.725GHz	72.4M	39.43M	39M4D1D	30M	18.041M
5.725-5.85GHz	16.35M	39.88M	39M9D1D	3.18M	23.068M
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5.15-5.25GHz	59.3M	36.132M	36M1D1D	39.775M	19.615M
5.25-5.35GHz	66.55M	40.03M	40M0D1D	46.55M	23.538M
5.47-5.725GHz	78.6M	41.679M	41M7D1D	30M	18.691M
5.725-5.85GHz	17.65M	42.729M	42M7D1D	3.82M	23.808M
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5.15-5.25GHz	84.6M	39.63M	39M6D1D	55.55M	36.632M
5.25-5.35GHz	102.5M	64.668M	64M7D1D	55.7M	36.632M
5.47-5.725GHz	106.5M	67.766M	67M8D1D	55.25M	36.582M
5.725-5.85GHz	36.3M	79.26M	79M3D1D	3.16M	36.022M
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5.15-5.25GHz	108.7M	76.062M	76M1D1D	108.7M	76.062M
5.25-5.35GHz	109.2M	76.362M	76M4D1D	109.2M	76.362M
5.47-5.725GHz	204.8M	114.543M	115MD1D	100M	75.962M
5.725-5.85GHz	66.6M	87.256M	87M3D1D	3.26M	38.981M

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	41.475M	21.189M
5200MHz	Pass	Inf	58.3M	34.183M
5240MHz	Pass	Inf	40.05M	19.665M
5260MHz	Pass	Inf	63.2M	37.381M
5300MHz	Pass	Inf	60.15M	35.332M
5320MHz	Pass	Inf	43.85M	22.839M
5500MHz	Pass	Inf	45.05M	24.338M
5580MHz	Pass	Inf	72.4M	39.43M
5700MHz	Pass	Inf	37.4M	18.041M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	30M	23.973M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.18M	23.068M
5745MHz	Pass	500k	16.3M	36.432M
5785MHz	Pass	500k	16.35M	39.68M
5825MHz	Pass	500k	16.3M	39.88M
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	46.75M	21.539M
5200MHz	Pass	Inf	59.3M	36.132M
5240MHz	Pass	Inf	39.775M	19.615M
5260MHz	Pass	Inf	66.55M	40.03M
5300MHz	Pass	Inf	60.65M	36.082M
5320MHz	Pass	Inf	46.55M	23.538M
5500MHz	Pass	Inf	47.4M	24.588M
5580MHz	Pass	Inf	78.6M	41.679M
5700MHz	Pass	Inf	37.775M	18.691M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	30M	24.873M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.82M	23.808M
5745MHz	Pass	500k	17.6M	38.781M
5785MHz	Pass	500k	17.65M	41.079M
5825MHz	Pass	500k	17.15M	42.729M
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	55.55M	36.632M
5230MHz	Pass	Inf	84.6M	39.63M
5270MHz	Pass	Inf	102.5M	64.668M
5310MHz	Pass	Inf	55.7M	36.632M
5510MHz	Pass	Inf	55.25M	36.582M
5550MHz	Pass	Inf	106.5M	67.766M
5670MHz	Pass	Inf	86.5M	45.077M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	70M	54.258M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.16M	36.022M
5755MHz	Pass	500k	34.5M	54.773M
5795MHz	Pass	500k	36.3M	79.26M



Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	108.7M	76.062M
5290MHz	Pass	Inf	109.2M	76.362M
5530MHz	Pass	Inf	100M	75.962M
5610MHz	Pass	Inf	204.8M	114.543M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	149.775M	112.594M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.26M	38.981M
5775MHz	Pass	500k	66.6M	87.256M

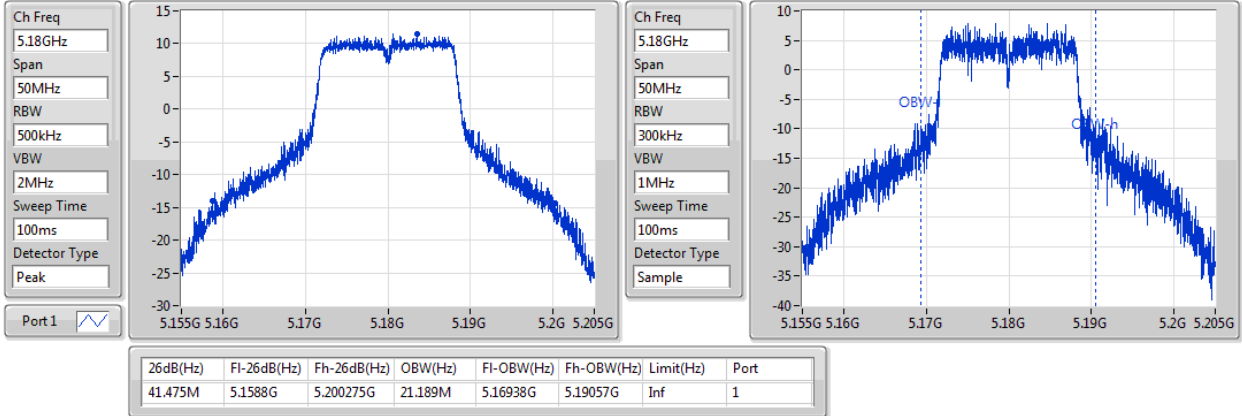
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

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

802.11a_(6Mbps)_1TX

EBW

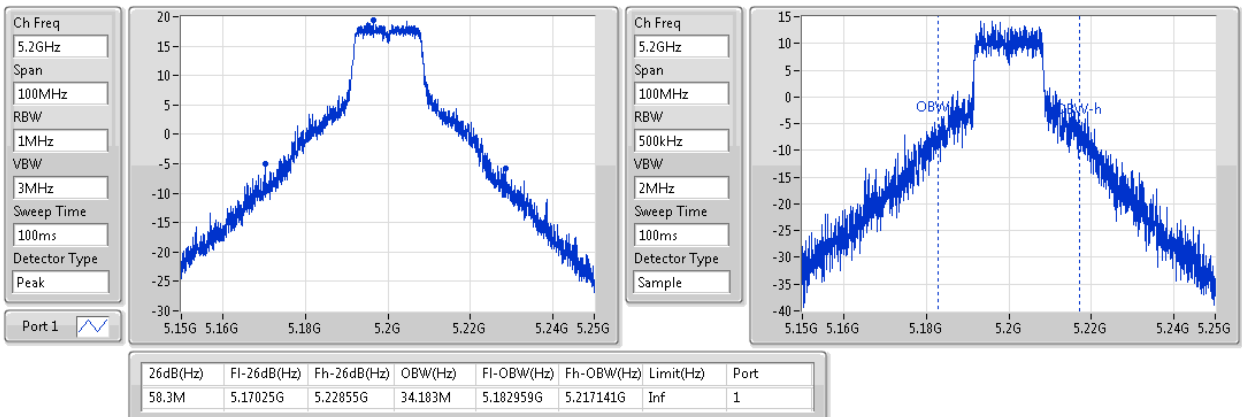
5180MHz



802.11a_(6Mbps)_1TX

EBW

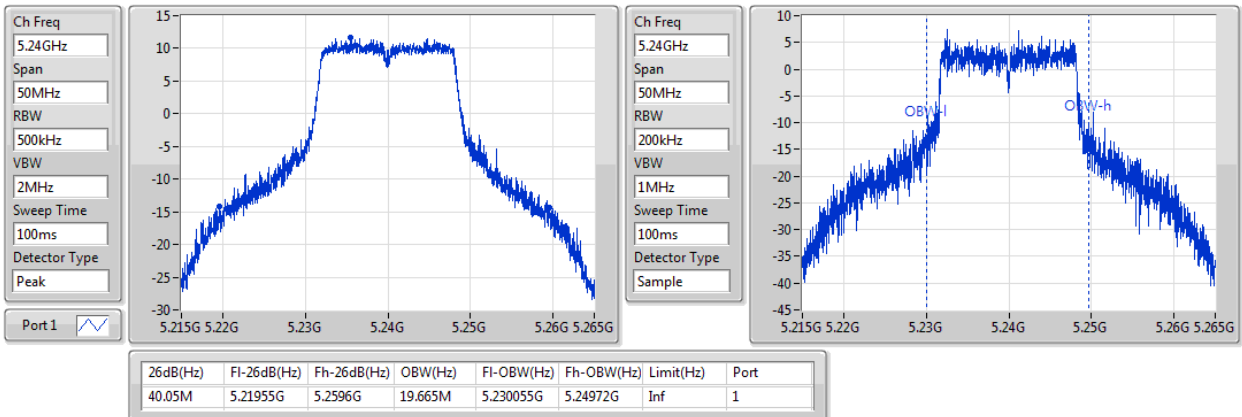
5200MHz



802.11a_(6Mbps)_1TX

EBW

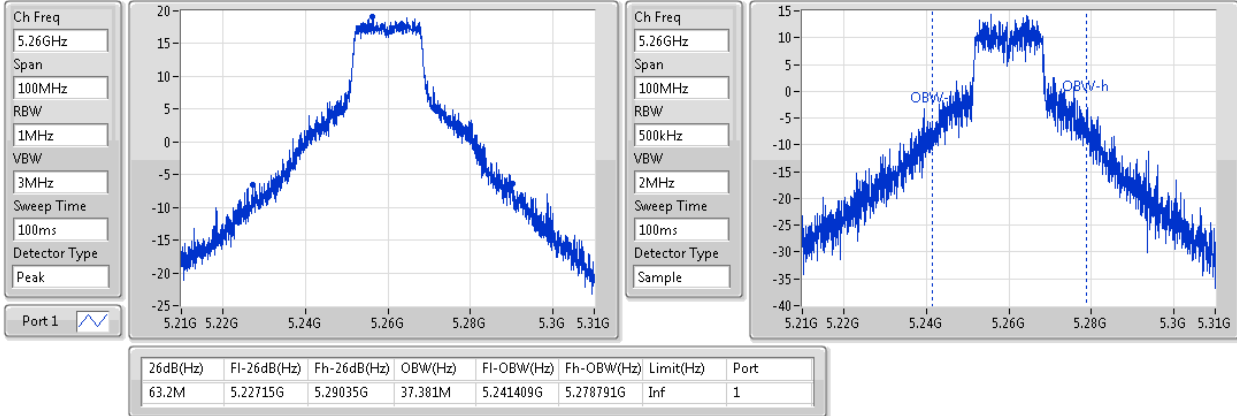
5240MHz



802.11a_(6Mbps)_1TX

EBW

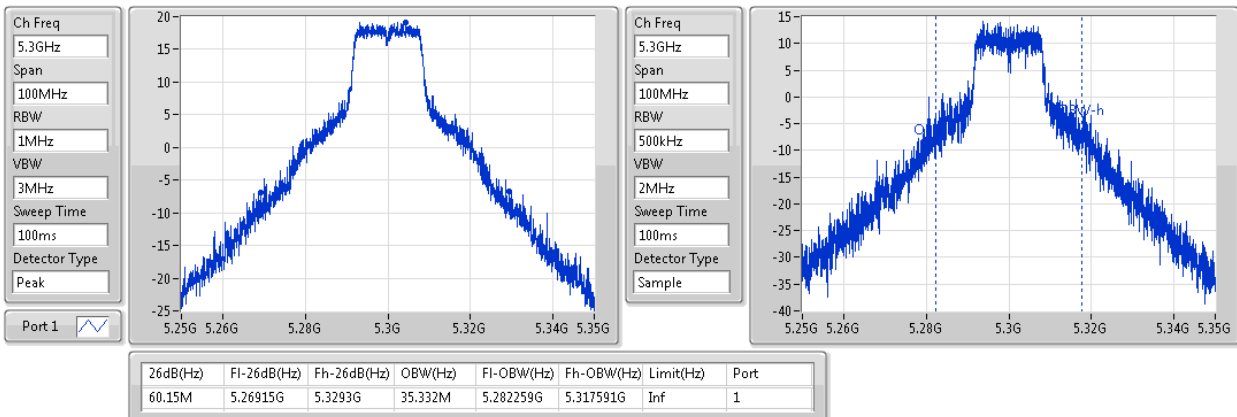
5260MHz



802.11a_(6Mbps)_1TX

EBW

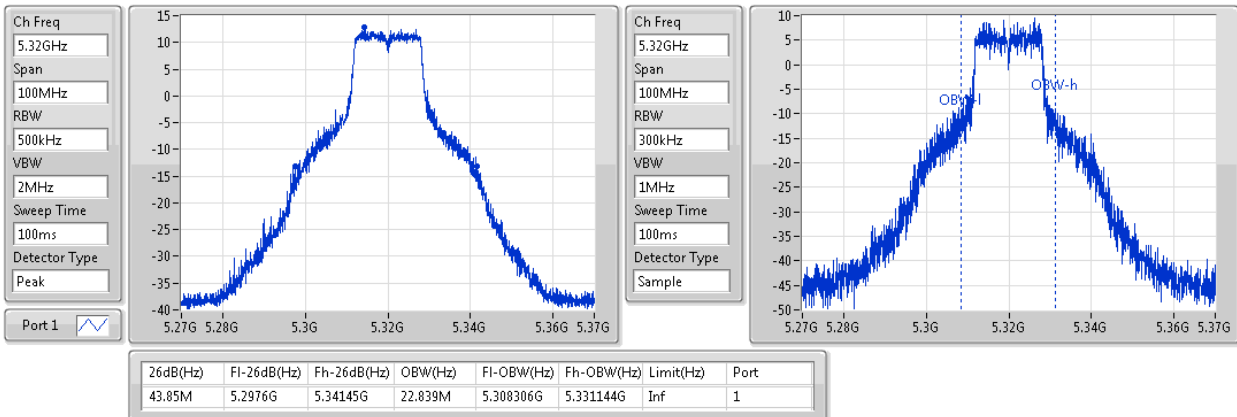
5300MHz



802.11a_(6Mbps)_1TX

EBW

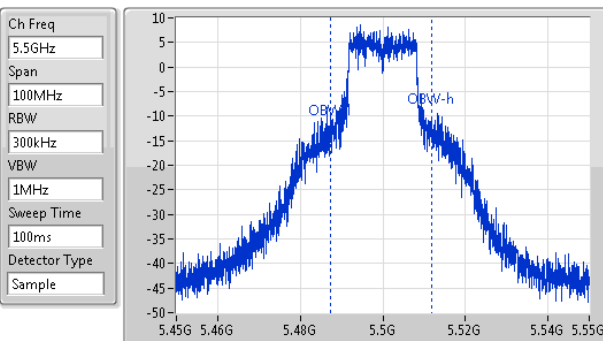
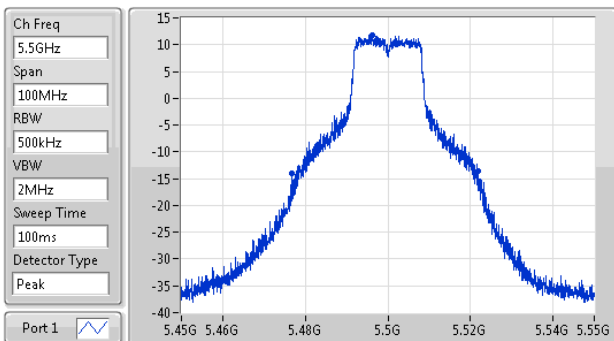
5320MHz



802.11a_(6Mbps)_1TX

EBW

5500MHz

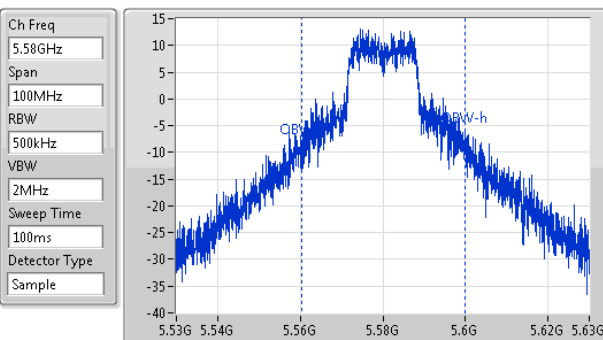
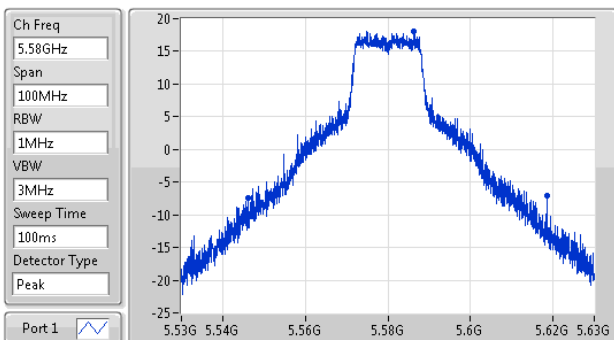


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
45.05M	5.47685G	5.5219G	24.338M	5.487406G	5.511744G	Inf	1

802.11a_(6Mbps)_1TX

EBW

5580MHz

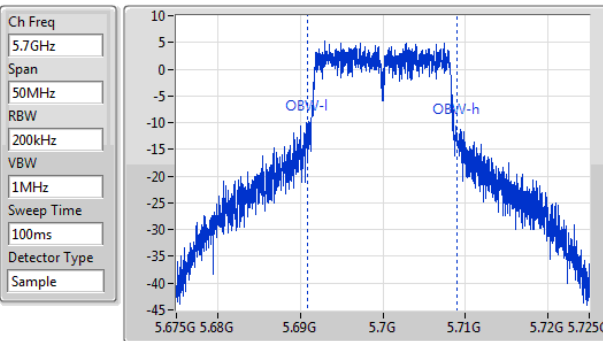
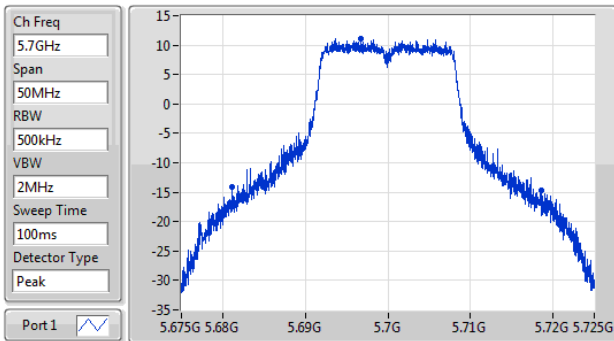


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
72.4M	5.54605G	5.61845G	39.43M	5.56046G	5.59989G	Inf	1

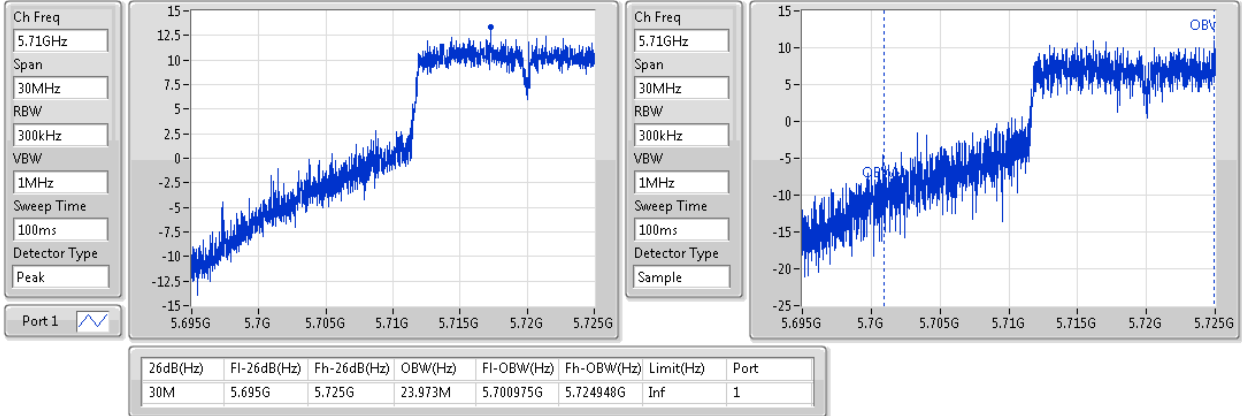
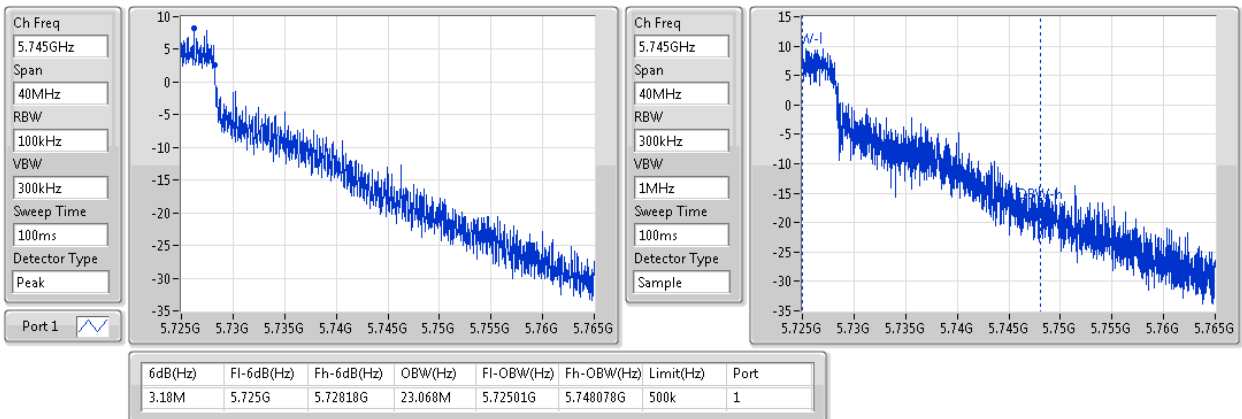
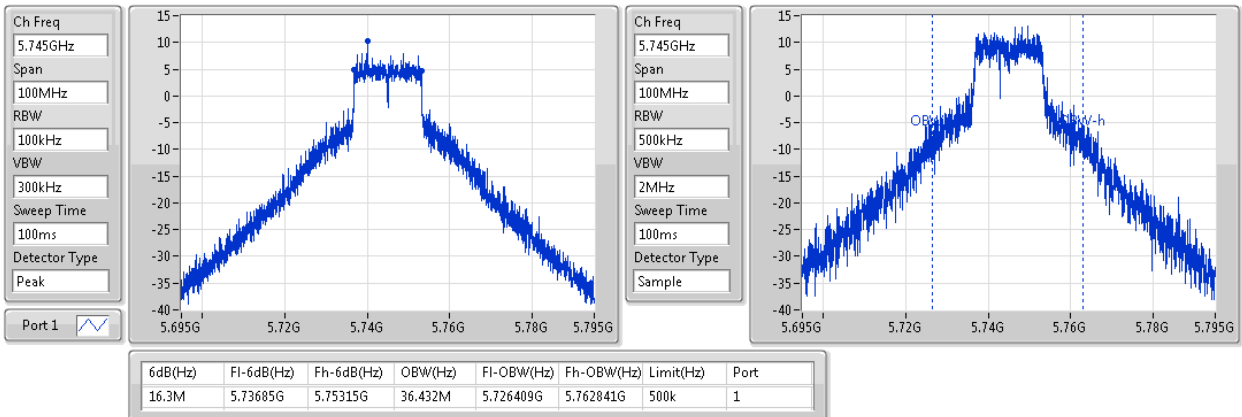
802.11a_(6Mbps)_1TX

EBW

5700MHz



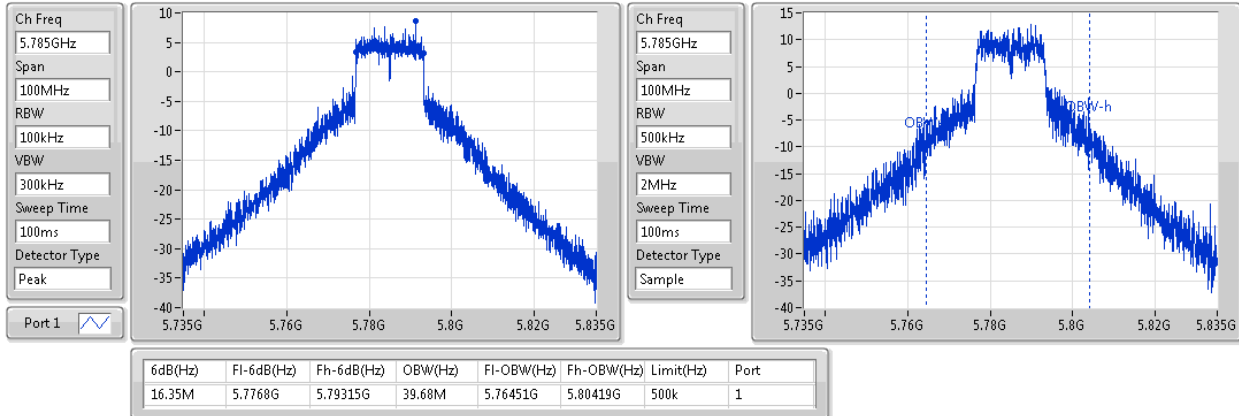
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.4M	5.68115G	5.71855G	18.041M	5.69088G	5.708921G	Inf	1

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

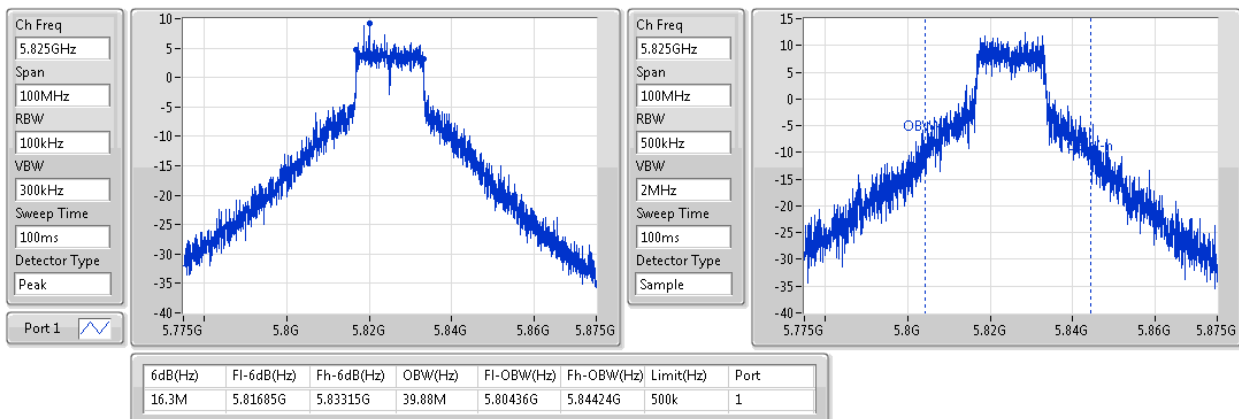
5785MHz



802.11a_(6Mbps)_1TX

EBW

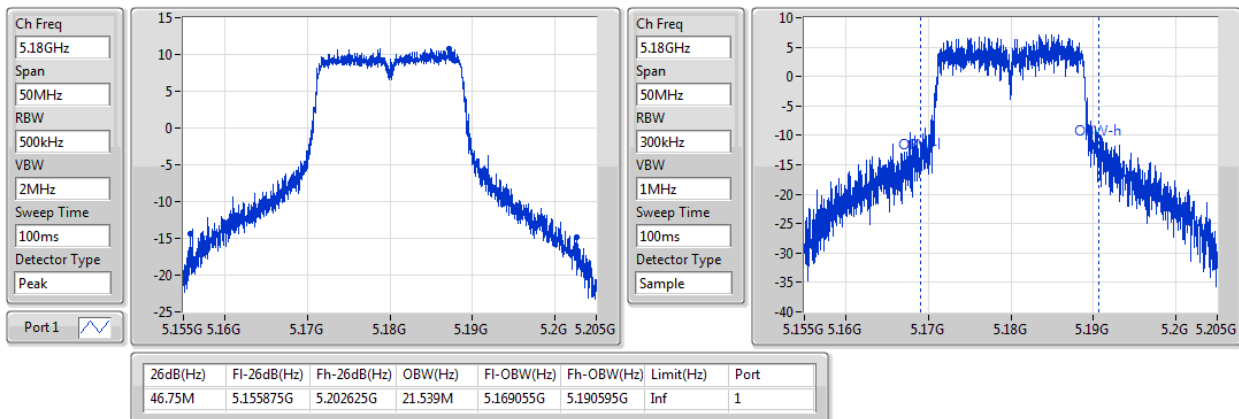
5825MHz



802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

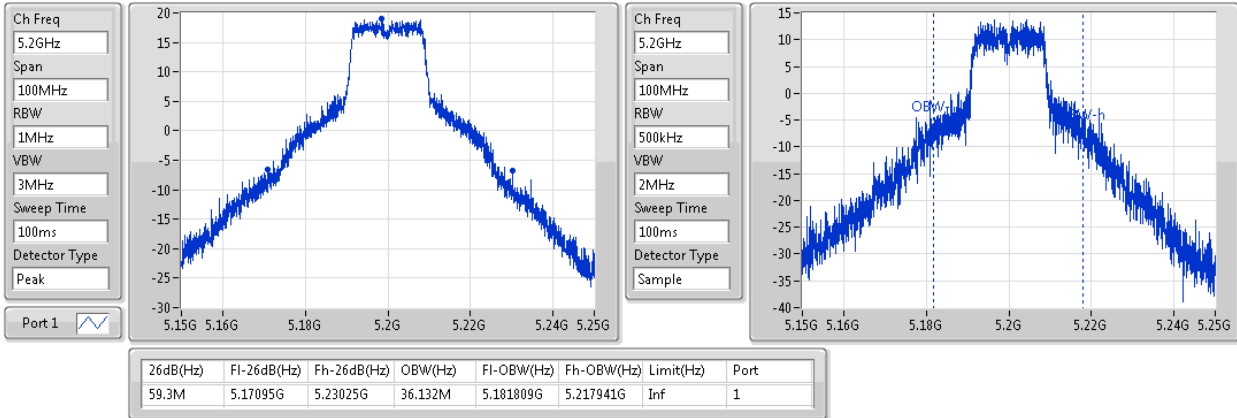
5180MHz



802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

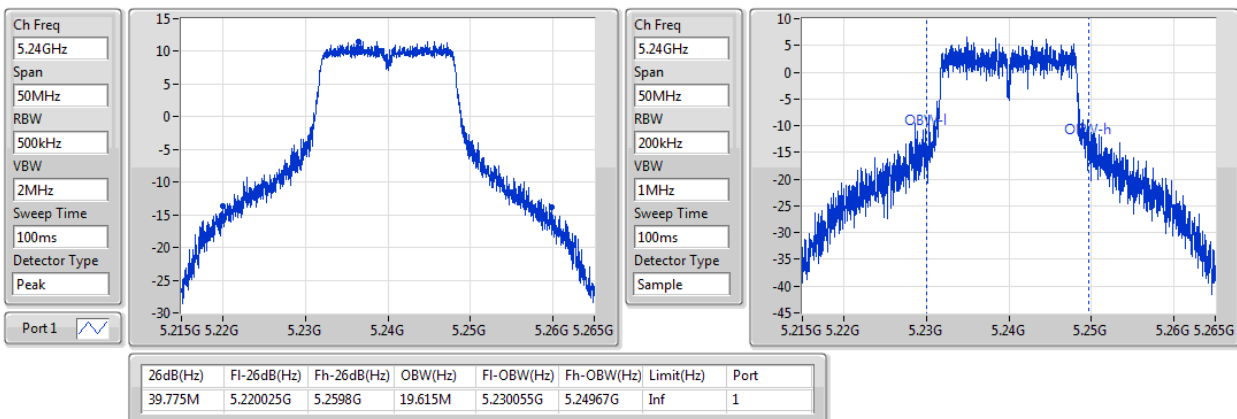
5200MHz



802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

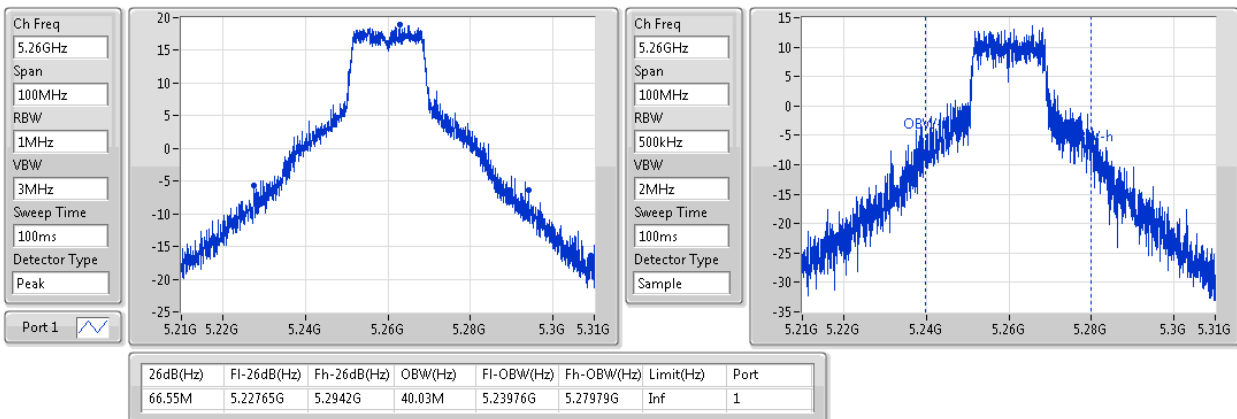
5240MHz



802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

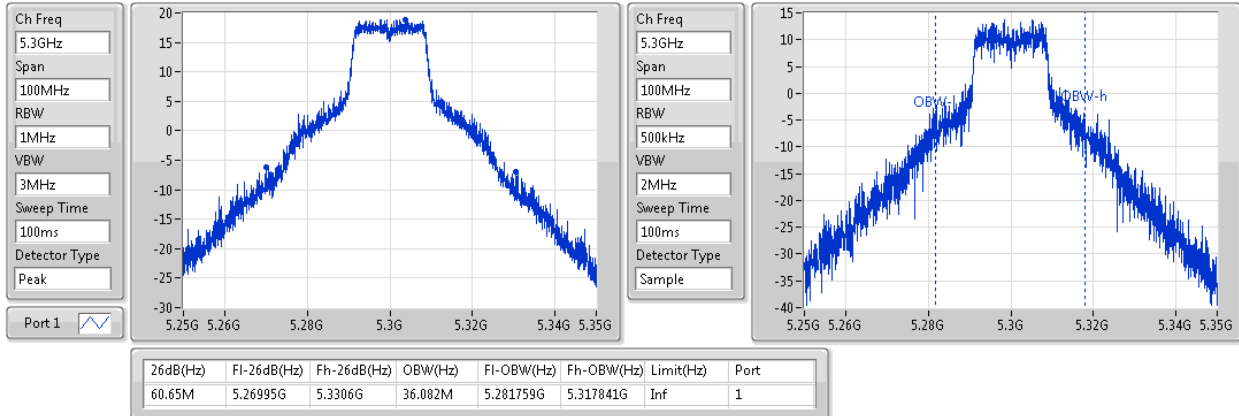
5260MHz



802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

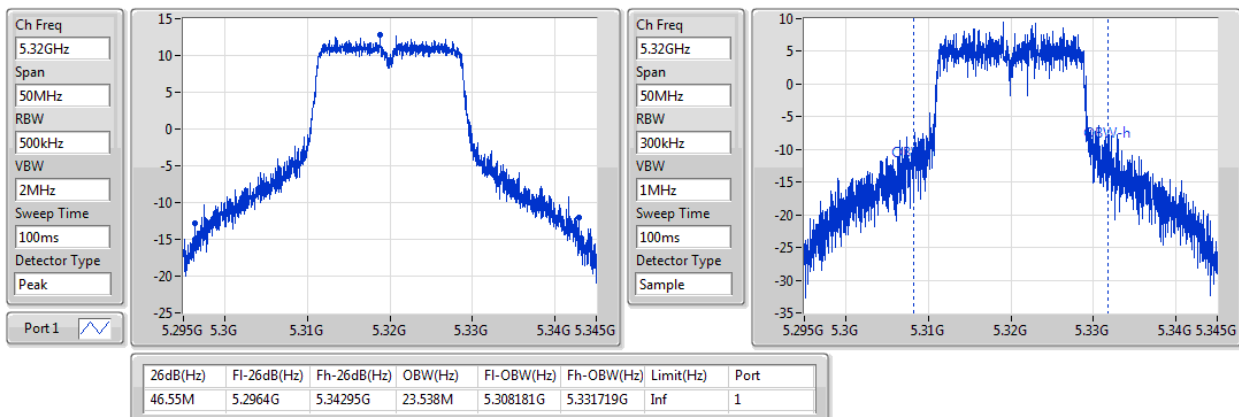
5300MHz



802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

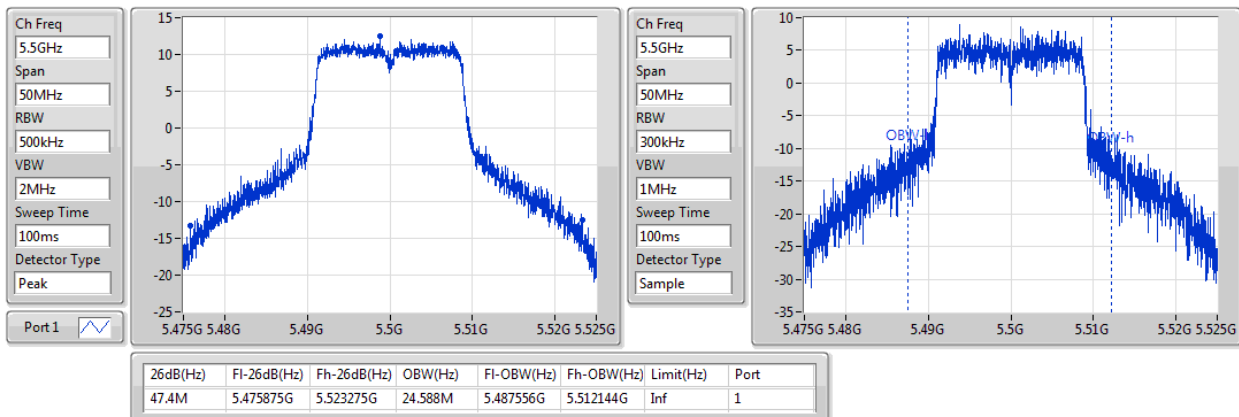
5320MHz



802.11ac VHT20_Nss1,(MCS0)_1TX

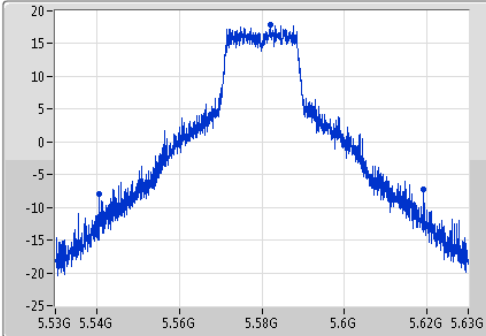
EBW

5500MHz

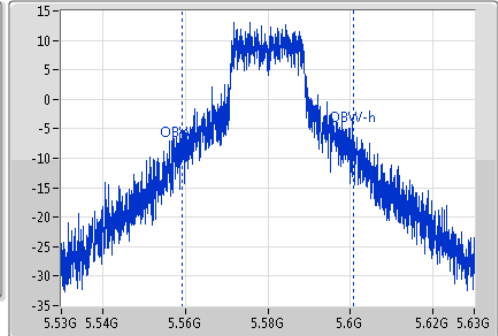


802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5580MHz

Ch Freq
5.58GHz
Span
100MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak
Port 1



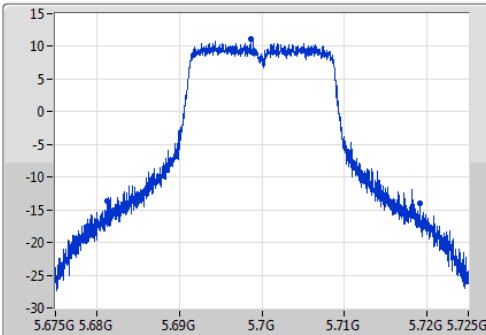
Ch Freq
5.58GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Sample



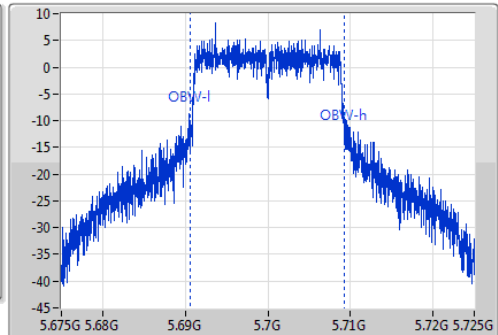
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
78.6M	5.54065G	5.61925G	41.679M	5.55911G	5.60079G	Inf	1

802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5700MHz

Ch Freq
5.7GHz
Span
50MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak
Port 1



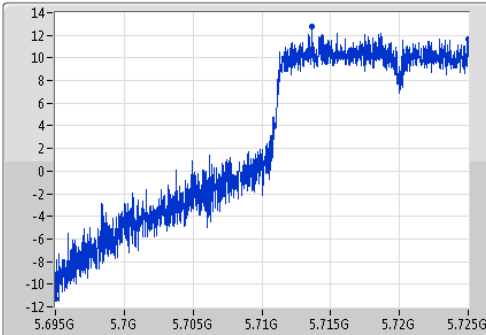
Ch Freq
5.7GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



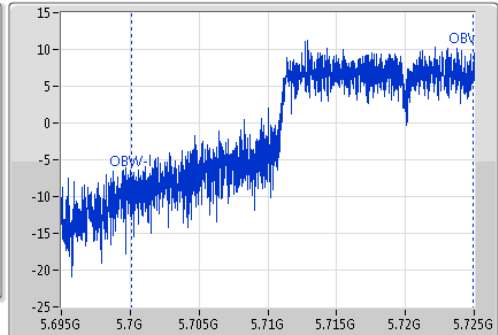
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.775M	5.681325G	5.7191G	18.691M	5.69063G	5.70932G	Inf	1

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

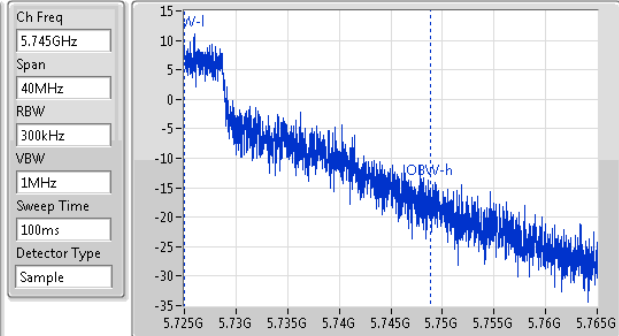
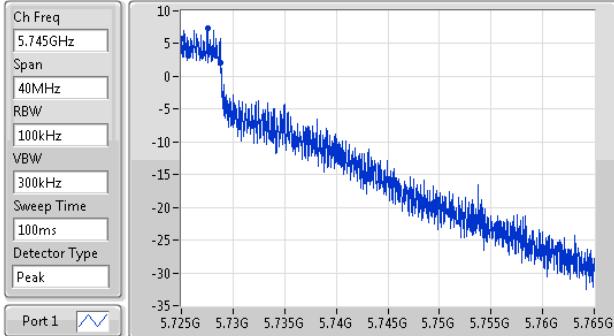
Ch Freq
5.71GHz
Span
30MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak
Port 1



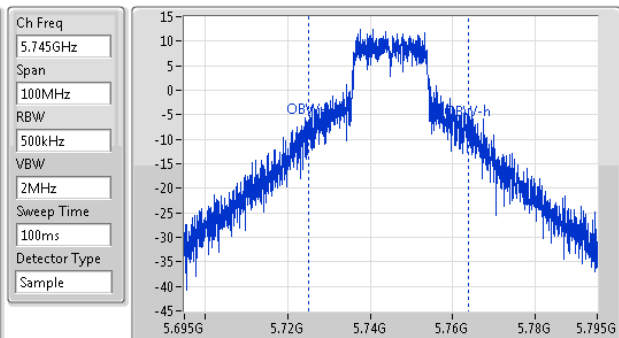
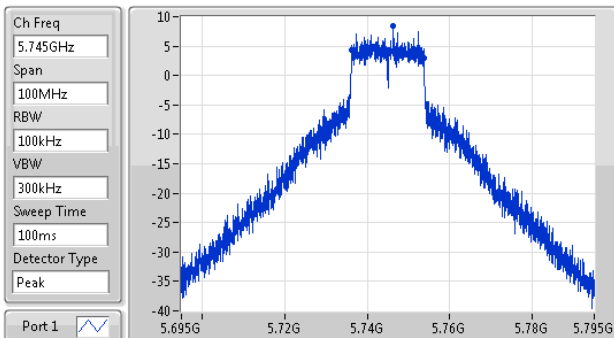
Ch Freq
5.71GHz
Span
30MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



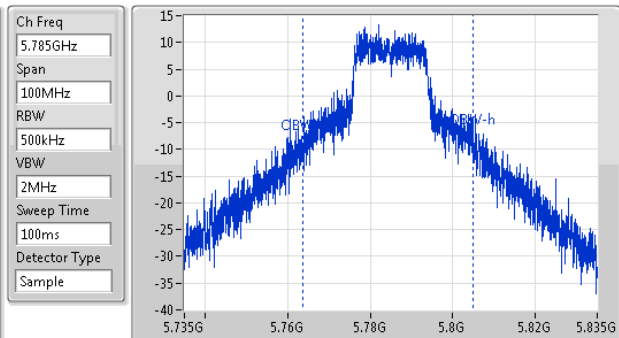
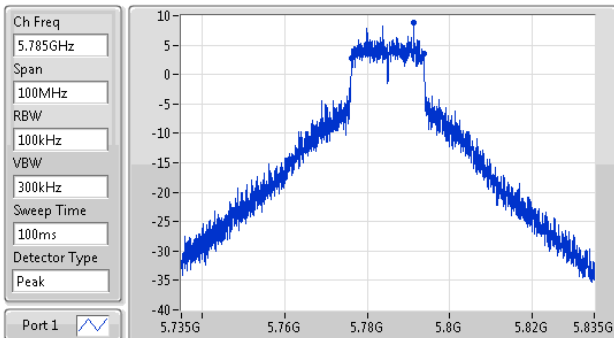
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
30M	5.695G	5.725G	24.873M	5.70006G	5.724933G	Inf	1

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


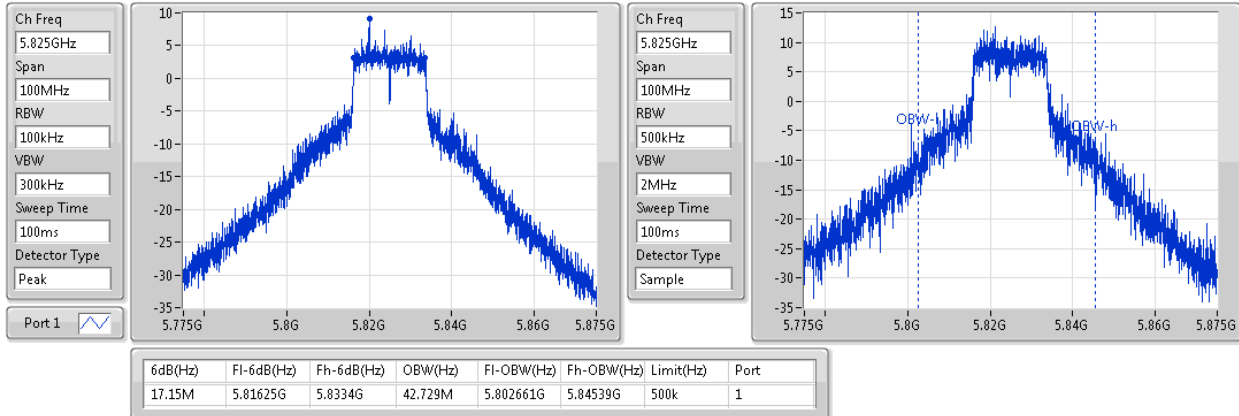
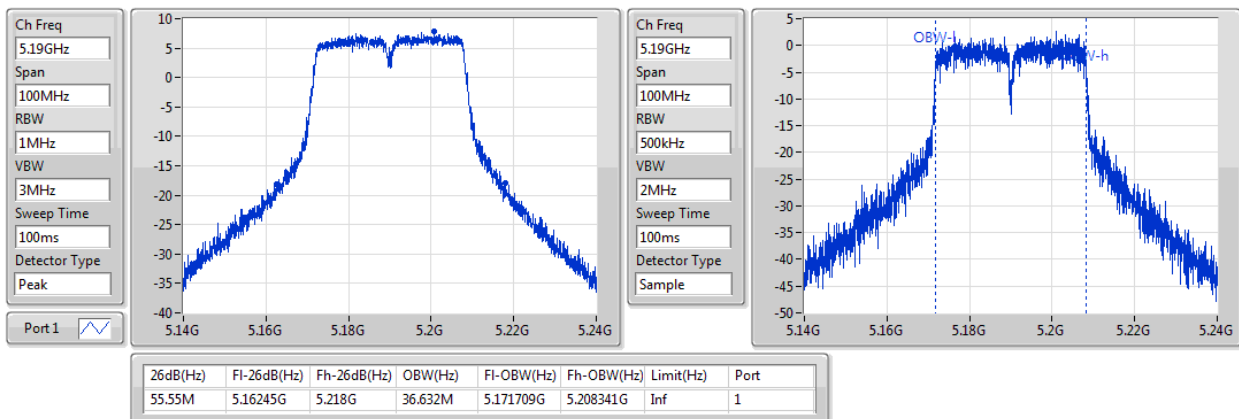
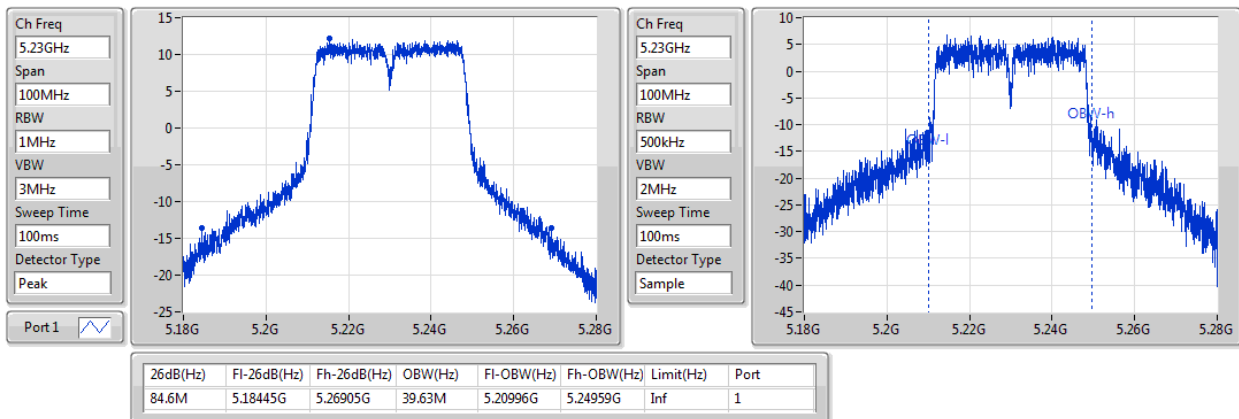
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.82M	5.725G	5.72882G	23.808M	5.72501G	5.748818G	500k	1

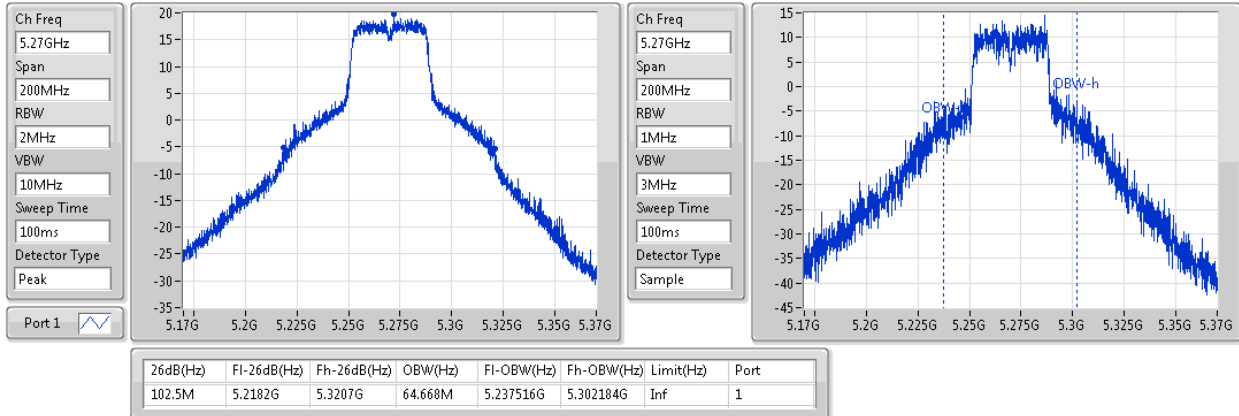
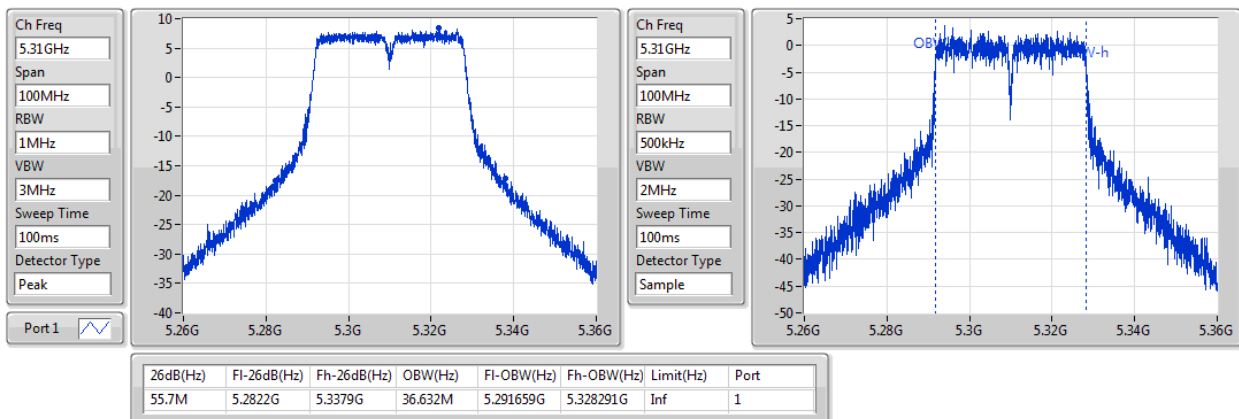
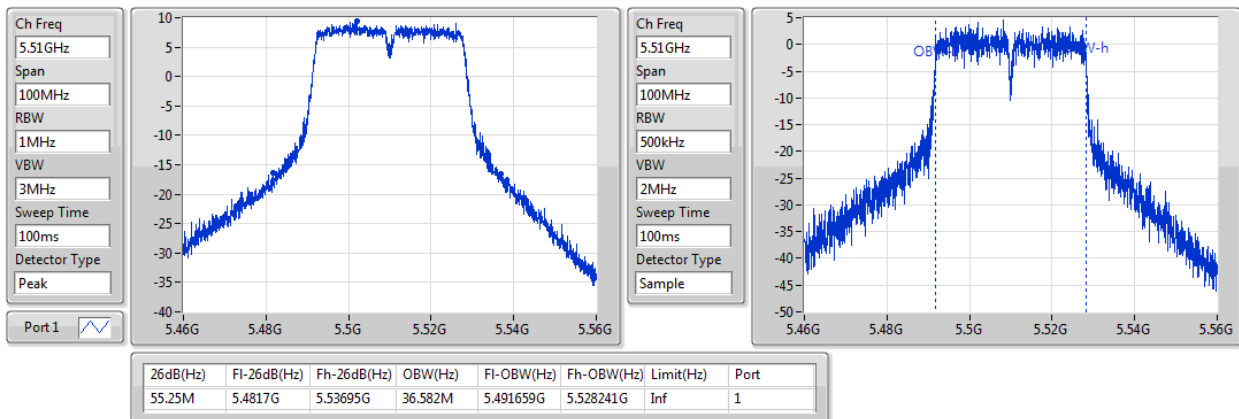
802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5745MHz


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.6M	5.7362G	5.7538G	38.781M	5.72511G	5.763891G	500k	1

802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5785MHz


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.65M	5.77615G	5.7938G	41.079M	5.763761G	5.80484G	500k	1

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


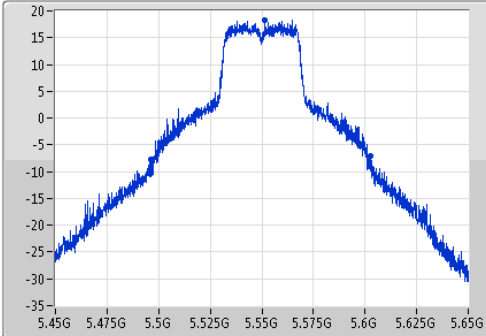


802.11ac VHT40_Nss1,(MCS0)_1TX

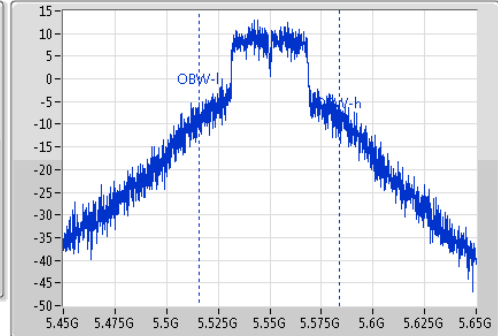
EBW

5550MHz

Ch Freq
5.55GHz
Span
200MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak
Port 1



Ch Freq
5.55GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Sample



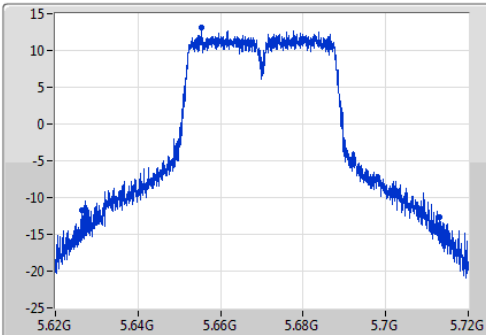
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
106.5M	5.4961G	5.6026G	67.766M	5.515817G	5.583583G	Inf	1

802.11ac VHT40_Nss1,(MCS0)_1TX

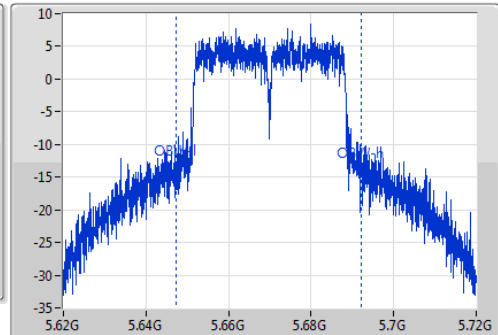
EBW

5670MHz

Ch Freq
5.67GHz
Span
100MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak
Port 1



Ch Freq
5.67GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Sample



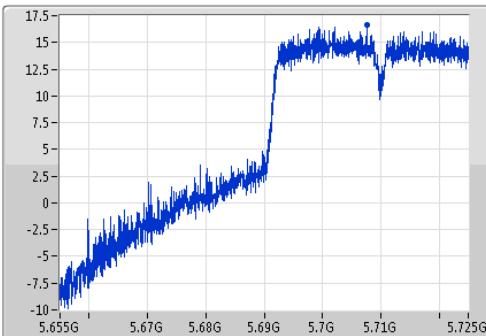
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
86.5M	5.62645G	5.71295G	45.077M	5.647161G	5.692239G	Inf	1

802.11ac VHT40_Nss1,(MCS0)_1TX

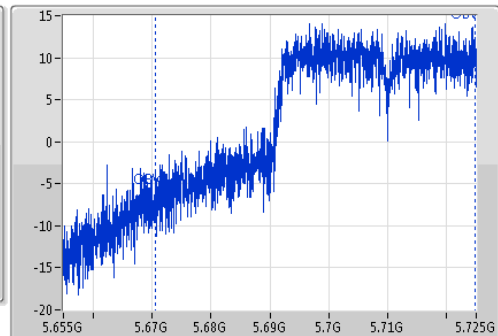
EBW

5710MHz Straddle 5.47-5.725GHz

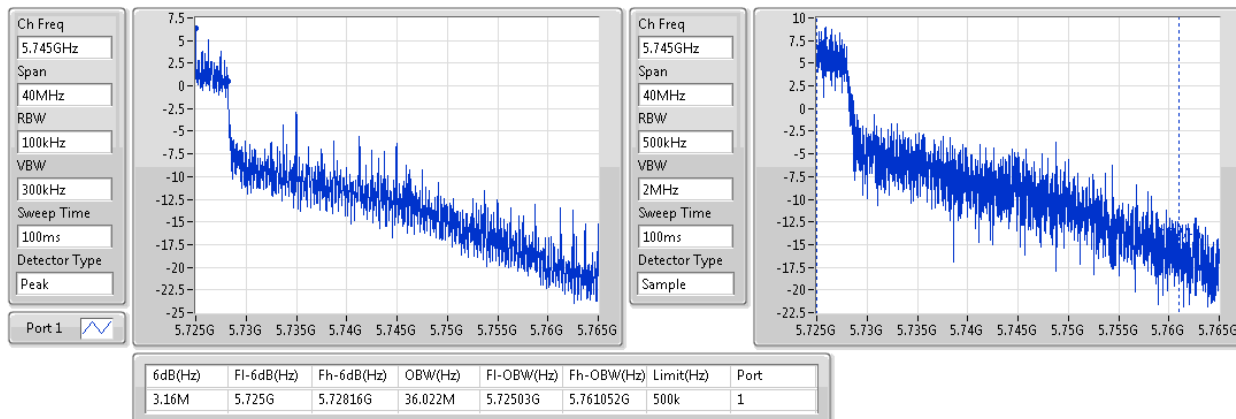
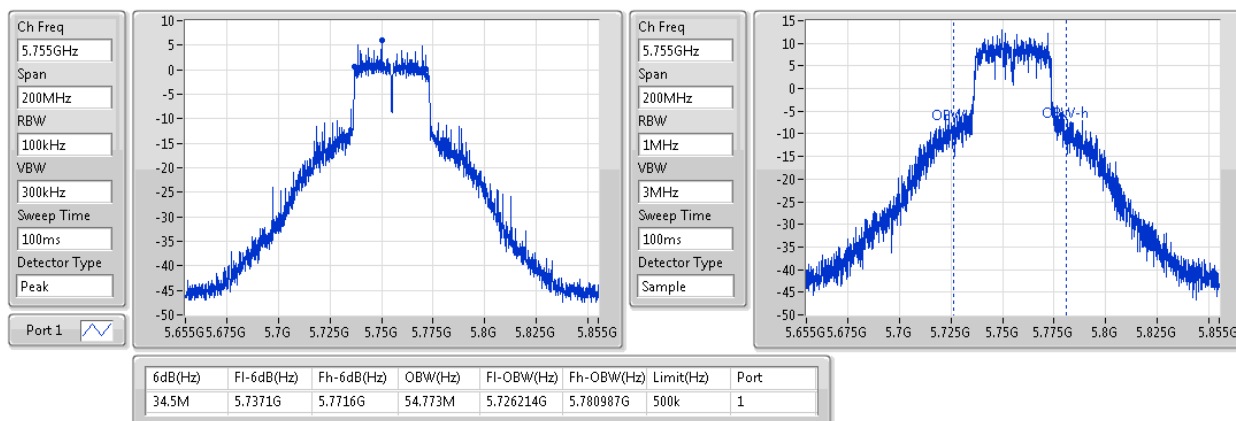
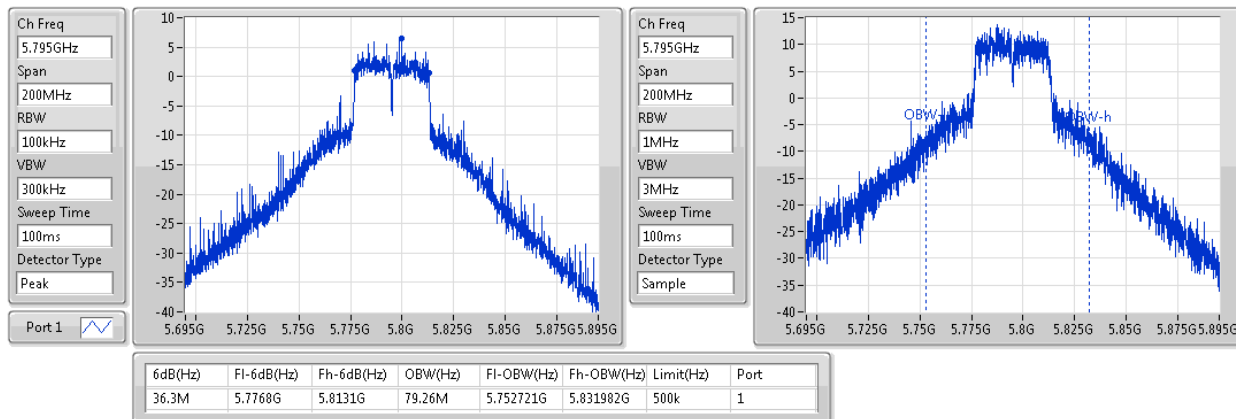
Ch Freq
5.69GHz
Span
70MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak
Port 1

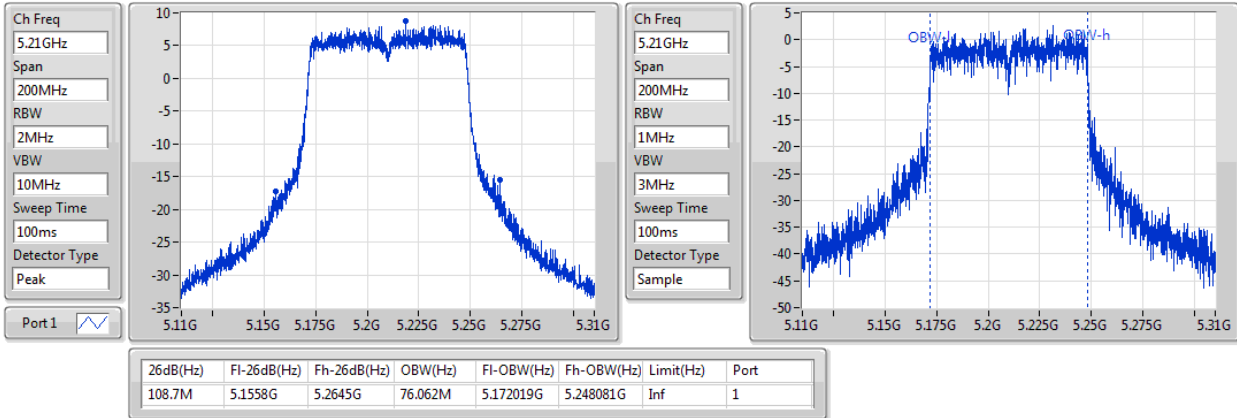
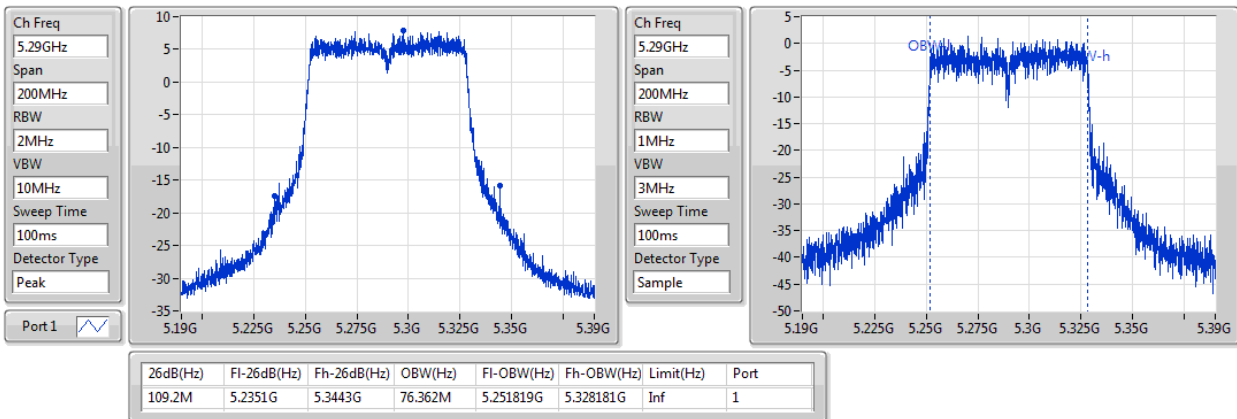
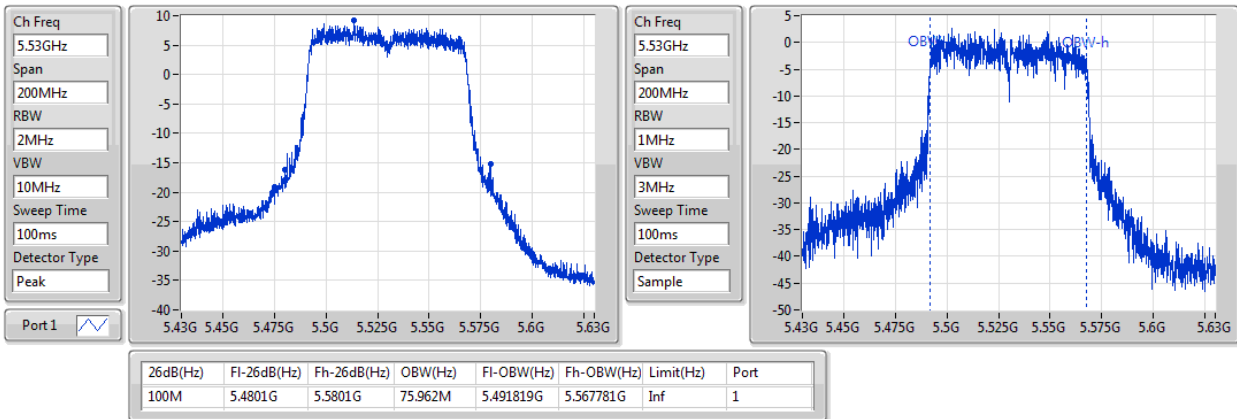


Ch Freq
5.69GHz
Span
70MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
70M	5.655G	5.725G	54.258M	5.67055G	5.724808G	Inf	1

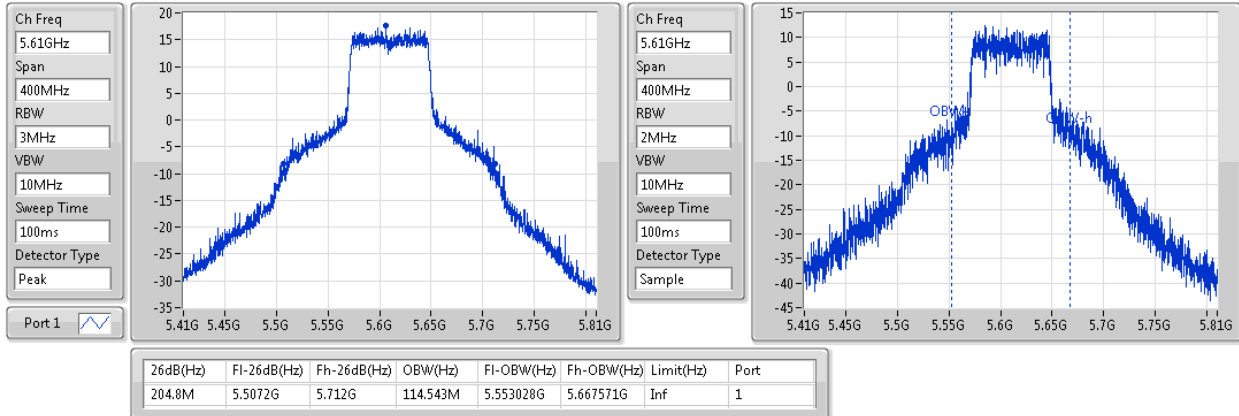
802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5710MHz Straddle 5.725-5.85GHz

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

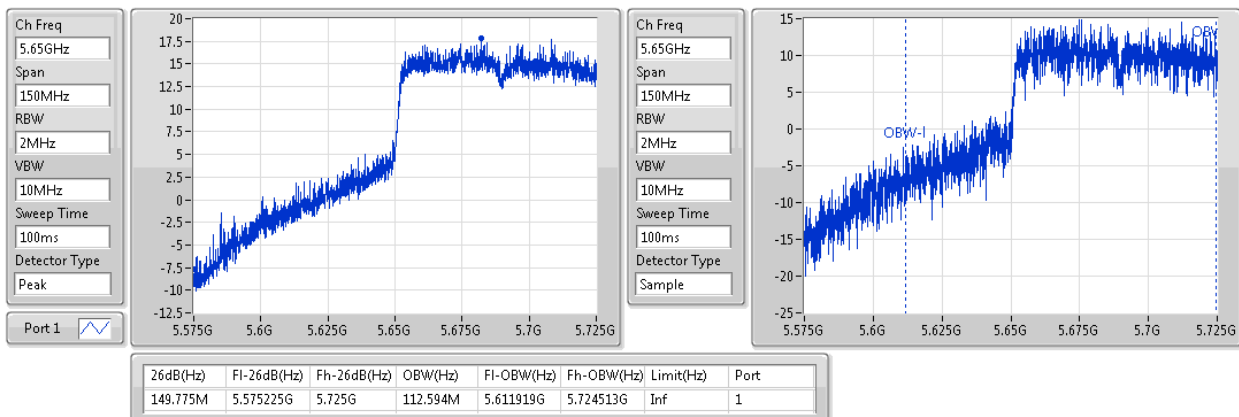
5610MHz



802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

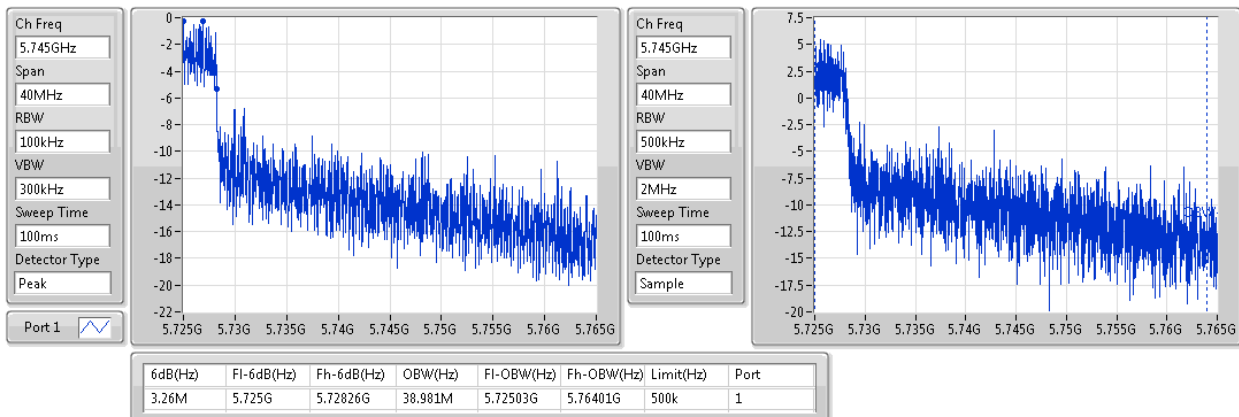
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

5690MHz Straddle 5.725-5.85GHz



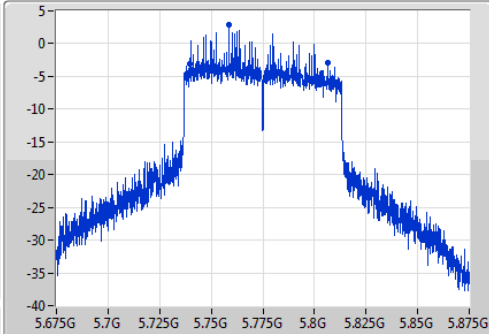


802.11ac VHT80_Nss1,(MCS0)_1TX

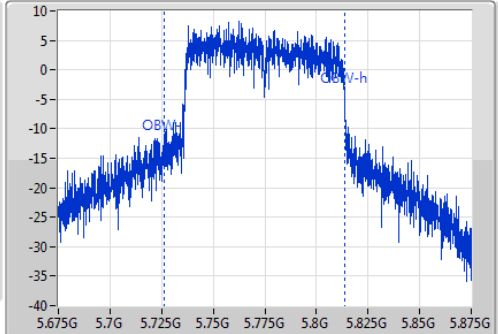
EBW

5775MHz

Ch Freq
5.775GHz
Span
200MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak
Port1



Ch Freq
5.775GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
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
66.6M	5.7397G	5.8063G	87.256M	5.726524G	5.813781G	500k	1

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
UNII Devices	
☒ For the 5.15-5.25 GHz band:	
	- Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm] - Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ - Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 23$ dBi, then $P_{Out} = 30 - (G_{TX} - 23)$. - Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
☒ For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.	
☒ For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.	
☒ For the 5.725-5.85 GHz band:	
	- Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
LE-LAN Devices	
☐ For the 5.15-5.25 GHz band, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.	
☐ For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz	
☐ For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz	
☐ For the 5.725-5.85 GHz band:	
	- Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
P_{Out} = maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

3.3.2 Measuring Instruments

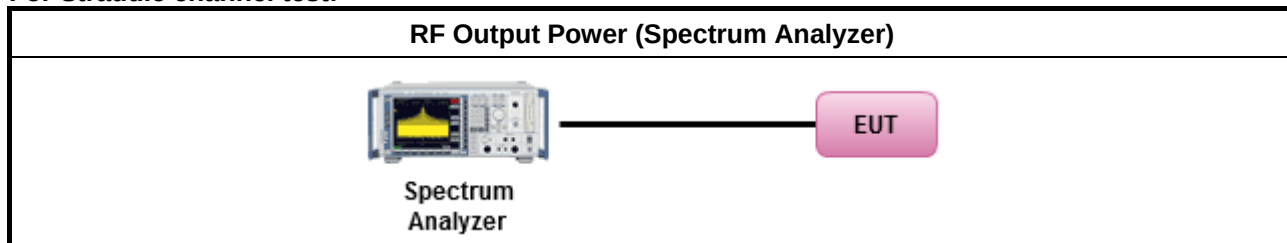
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

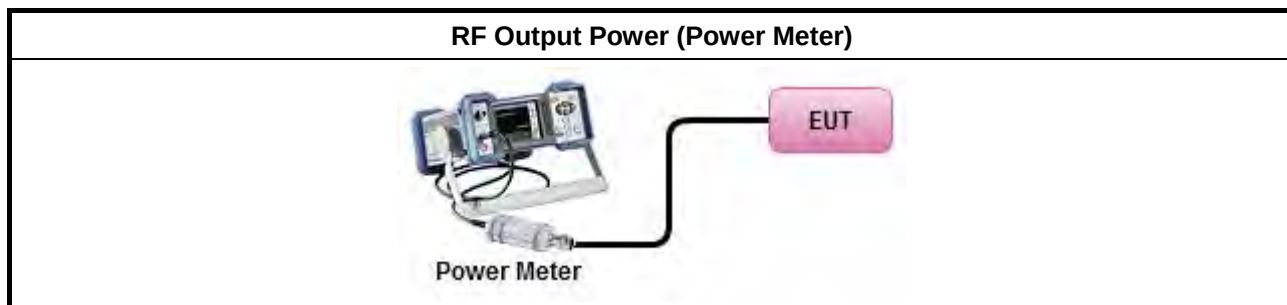
Test Method	
Maximum Conducted Output Power	
Average over on/off periods with duty factor	
☒	Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
Wideband RF power meter and average over on/off periods with duty factor	
☒	Refer as FCC KDB 789033, clause E Method PM-G (using an RF average power meter).
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.	
If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$	

3.3.4 Test Setup

For Straddle channel test:



For other test:



**3.3.5 Test Result of Maximum Conducted Output Power****For Radio 2:****For Set 2 antennas / 1TX:****Summary**

Mode	Total Power (dBm)	Total Power (W)
802.11a_(6Mbps)_1TX	-	-
5.15-5.25GHz	21.06	0.12764
5.25-5.35GHz	21.23	0.13274
5.47-5.725GHz	21.32	0.13552
5.725-5.85GHz	20.88	0.12246
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-
5.15-5.25GHz	21.20	0.13183
5.25-5.35GHz	21.49	0.14093
5.47-5.725GHz	21.44	0.13932
5.725-5.85GHz	21.11	0.12912
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-
5.15-5.25GHz	21.06	0.12764
5.25-5.35GHz	20.98	0.12531
5.47-5.725GHz	21.44	0.13932
5.725-5.85GHz	21.20	0.13183
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-
5.15-5.25GHz	19.80	0.09550
5.25-5.35GHz	13.95	0.02483
5.47-5.725GHz	21.33	0.13583
5.725-5.85GHz	21.14	0.13002

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	5.70	20.95	20.95	30.00
5200MHz	Pass	5.70	21.06	21.06	30.00
5240MHz	Pass	5.70	20.91	20.91	30.00
5260MHz	Pass	5.70	21.04	21.04	23.94
5300MHz	Pass	5.70	21.23	21.23	23.98
5320MHz	Pass	5.70	21.09	21.09	23.97
5500MHz	Pass	5.70	21.26	21.26	23.97
5580MHz	Pass	5.70	21.32	21.32	23.97
5700MHz	Pass	5.70	21.06	21.06	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.70	20.85	20.85	23.09
5720MHz Straddle 5.725-5.85GHz	Pass	5.70	15.07	15.07	30.00
5745MHz	Pass	5.70	20.88	20.88	30.00
5785MHz	Pass	5.70	20.77	20.77	30.00
5825MHz	Pass	5.70	20.88	20.88	30.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	5.70	21.19	21.19	30.00
5200MHz	Pass	5.70	21.20	21.20	30.00
5240MHz	Pass	5.70	21.17	21.17	30.00
5260MHz	Pass	5.70	21.30	21.30	23.98
5300MHz	Pass	5.70	21.49	21.49	23.98
5320MHz	Pass	5.70	21.32	21.32	23.98
5500MHz	Pass	5.70	21.43	21.43	23.98
5580MHz	Pass	5.70	21.44	21.44	23.98
5700MHz	Pass	5.70	21.22	21.22	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.70	21.00	21.00	23.12
5720MHz Straddle 5.725-5.85GHz	Pass	5.70	15.23	15.23	30.00
5745MHz	Pass	5.70	21.11	21.11	30.00
5785MHz	Pass	5.70	20.95	20.95	30.00
5825MHz	Pass	5.70	20.99	20.99	30.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	5.70	19.19	19.19	30.00
5230MHz	Pass	5.70	21.06	21.06	30.00
5270MHz	Pass	5.70	20.98	20.98	23.98
5310MHz	Pass	5.70	16.26	16.26	23.98
5510MHz	Pass	5.70	20.03	20.03	23.98
5550MHz	Pass	5.70	21.12	21.12	23.98
5670MHz	Pass	5.70	20.57	20.57	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.70	21.44	21.44	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.70	9.93	9.93	30.00
5755MHz	Pass	5.70	21.20	21.20	30.00
5795MHz	Pass	5.70	20.76	20.76	30.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-



FCC Test Report

Report No. : FR760613AC

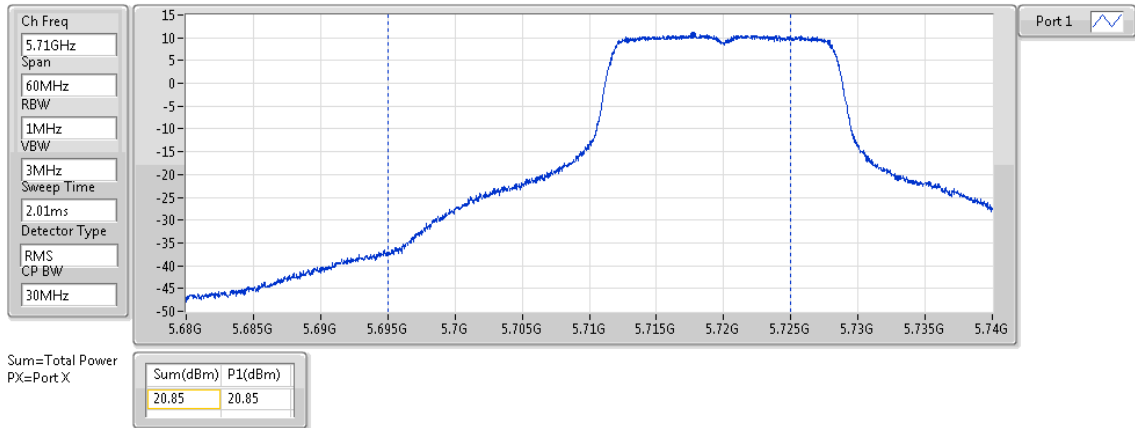
Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
5210MHz	Pass	5.70	19.80	19.80	30.00
5290MHz	Pass	5.70	13.95	13.95	23.98
5530MHz	Pass	5.70	20.17	20.17	23.98
5610MHz	Pass	5.70	21.33	21.33	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.70	21.22	21.22	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.70	5.89	5.89	30.00
5775MHz	Pass	5.70	21.14	21.14	30.00

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

802.11a_(6Mbps)_1TX

AV Power

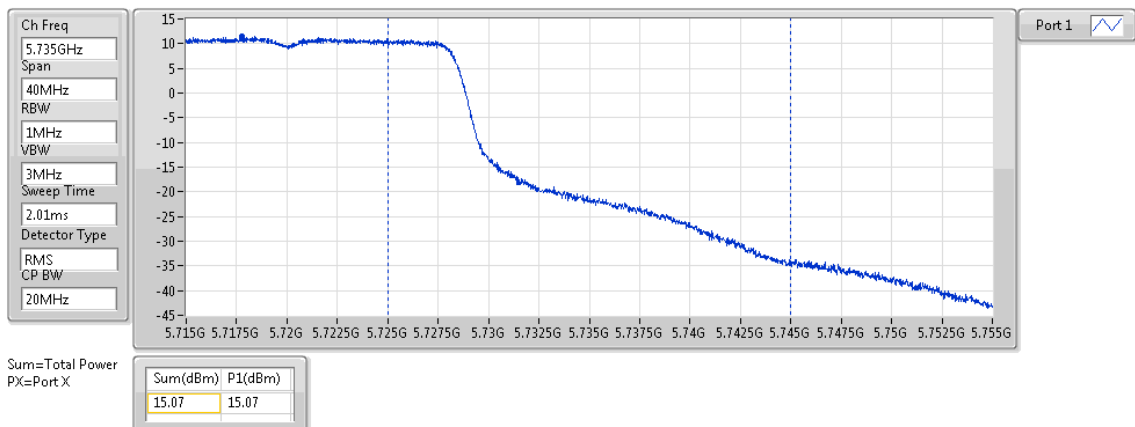
5720MHz Straddle 5.47-5.725GHz



802.11a_(6Mbps)_1TX

AV Power

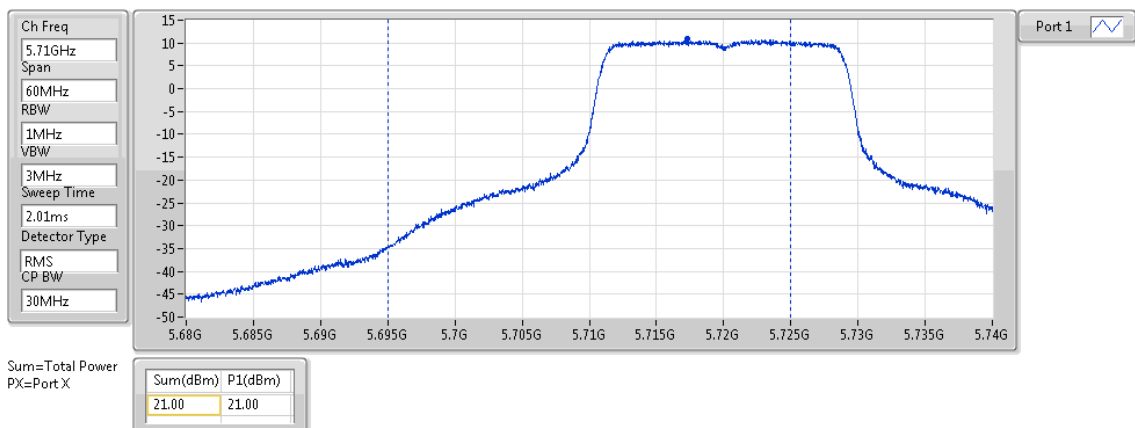
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

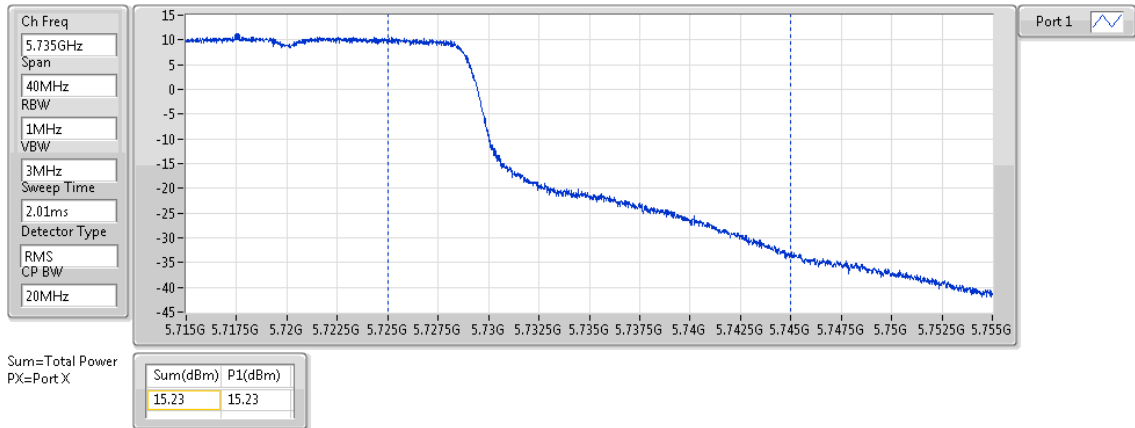
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

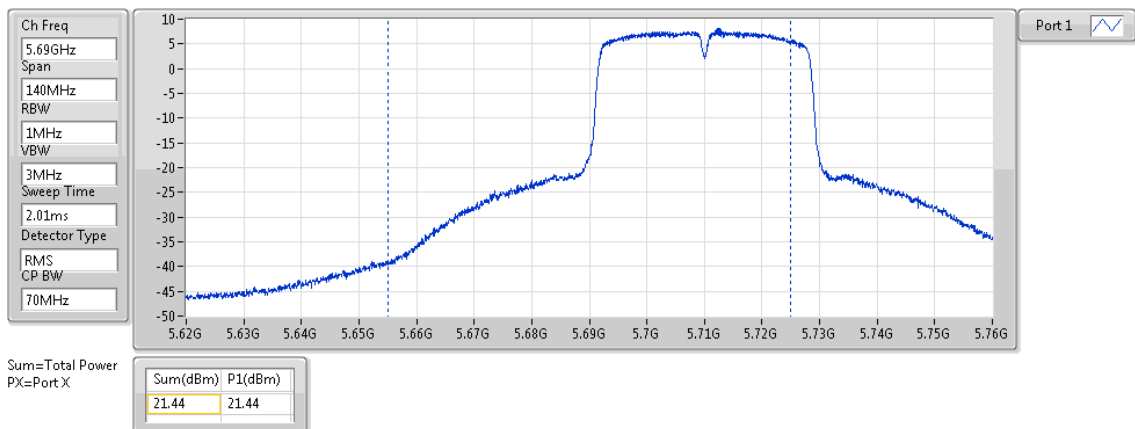
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

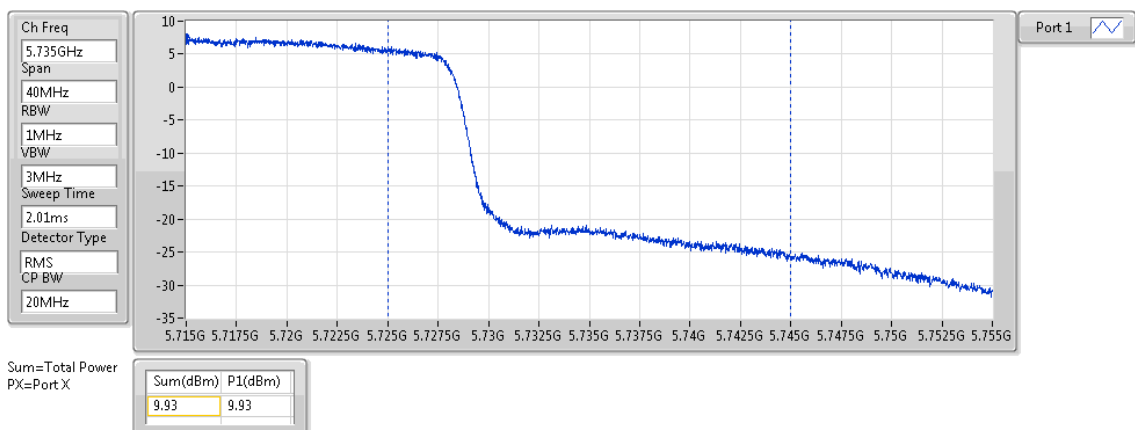
5710MHz Straddle 5.47-5.725GHz

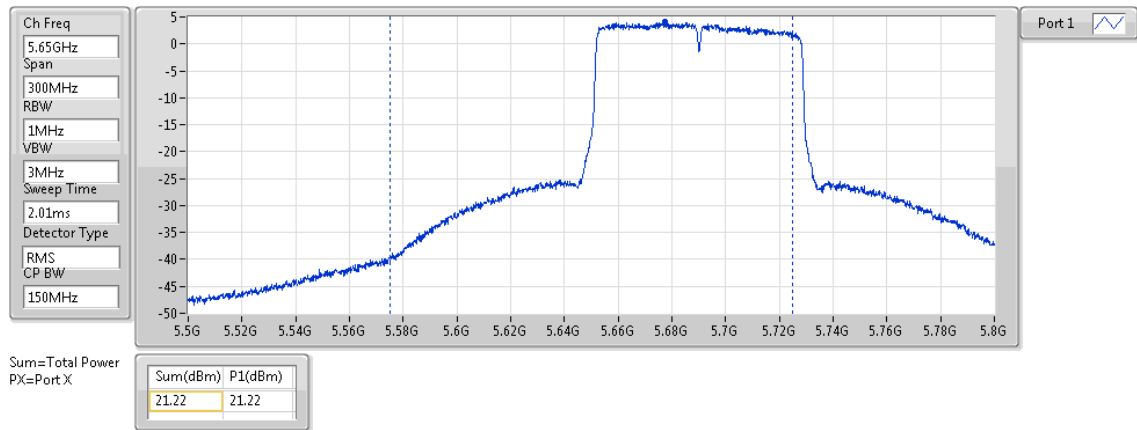
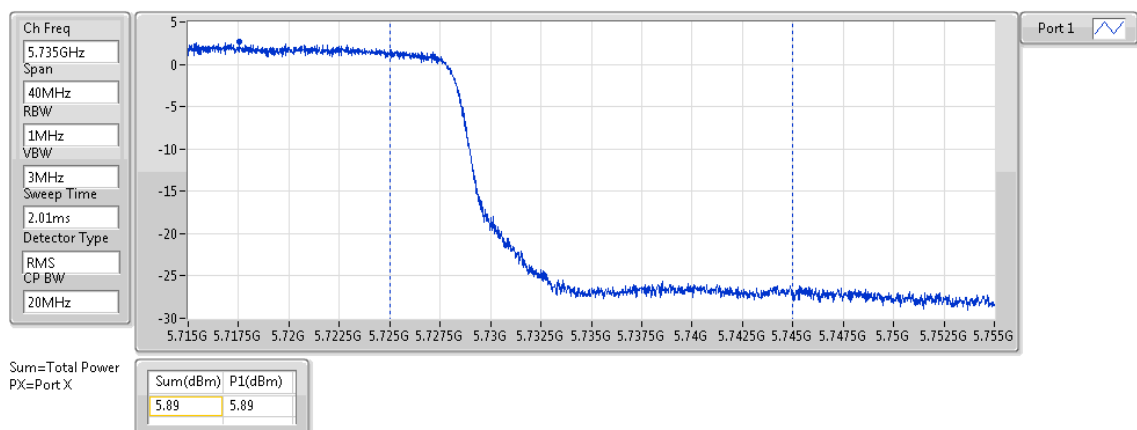


802.11ac VHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz



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

802.11ac VHT80_Nss1,(MCS0)_1TX
AV Power
5690MHz Straddle 5.725-5.85GHz


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

Mode	Total Power (dBm)	Total Power (W)
802.11a_(6Mbps)_2TX	-	-
5.15-5.25GHz	23.94	0.24774
5.25-5.35GHz	21.52	0.14191
5.47-5.725GHz	21.43	0.13900
5.725-5.85GHz	23.70	0.23442
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	24.22	0.26424
5.25-5.35GHz	21.71	0.14825
5.47-5.725GHz	21.66	0.14655
5.725-5.85GHz	23.87	0.24378
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	24.10	0.25704
5.25-5.35GHz	23.96	0.24889
5.47-5.725GHz	23.97	0.24946
5.725-5.85GHz	24.07	0.25527
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	23.14	0.20606
5.25-5.35GHz	17.20	0.05248
5.47-5.725GHz	23.97	0.24946
5.725-5.85GHz	23.84	0.24210

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.70	21.00	20.85	23.94	30.00
5200MHz	Pass	5.70	20.98	20.75	23.88	30.00
5240MHz	Pass	5.70	20.82	20.60	23.72	30.00
5260MHz	Pass	5.70	18.16	18.42	21.30	23.79
5300MHz	Pass	5.70	18.06	18.28	21.18	23.78
5320MHz	Pass	5.70	18.70	18.31	21.52	23.79
5500MHz	Pass	5.70	17.86	17.76	20.82	23.79
5580MHz	Pass	5.70	18.49	18.34	21.43	23.81
5700MHz	Pass	5.70	18.57	18.15	21.38	23.86
5720MHz Straddle 5.47-5.725GHz	Pass	5.70	17.64	17.23	20.45	22.61
5720MHz Straddle 5.725-5.85GHz	Pass	5.70	11.34	11.12	14.24	30.00
5745MHz	Pass	5.70	20.75	20.62	23.70	30.00
5785MHz	Pass	5.70	20.55	20.65	23.61	30.00
5825MHz	Pass	5.70	20.65	20.61	23.64	30.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.70	21.24	21.17	24.22	30.00
5200MHz	Pass	5.70	21.18	21.01	24.11	30.00
5240MHz	Pass	5.70	21.04	20.74	23.90	30.00
5260MHz	Pass	5.70	18.47	18.38	21.44	23.98
5300MHz	Pass	5.70	18.47	18.44	21.47	23.98
5320MHz	Pass	5.70	18.88	18.52	21.71	23.98
5500MHz	Pass	5.70	18.42	18.10	21.27	24.00
5580MHz	Pass	5.70	18.32	17.97	21.16	24.00
5700MHz	Pass	5.70	18.85	18.45	21.66	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.70	17.92	17.52	20.73	22.78
5720MHz Straddle 5.725-5.85GHz	Pass	5.70	11.88	11.77	14.84	30.00
5745MHz	Pass	5.70	20.90	20.82	23.87	30.00
5785MHz	Pass	5.70	20.65	20.80	23.74	30.00
5825MHz	Pass	5.70	20.71	20.77	23.75	30.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	5.70	20.21	20.17	23.20	30.00
5230MHz	Pass	5.70	21.25	20.93	24.10	30.00
5270MHz	Pass	5.70	21.04	20.86	23.96	23.98
5310MHz	Pass	5.70	16.87	17.22	20.06	23.98
5510MHz	Pass	5.70	20.56	20.62	23.60	23.98
5550MHz	Pass	5.70	21.14	20.77	23.97	23.98
5670MHz	Pass	5.70	21.12	20.67	23.91	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.70	20.90	20.62	23.77	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.70	9.19	8.82	12.02	30.00
5755MHz	Pass	5.70	21.25	20.86	24.07	30.00
5795MHz	Pass	5.70	20.96	20.66	23.82	30.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-



FCC Test Report

Report No. : FR760613AC

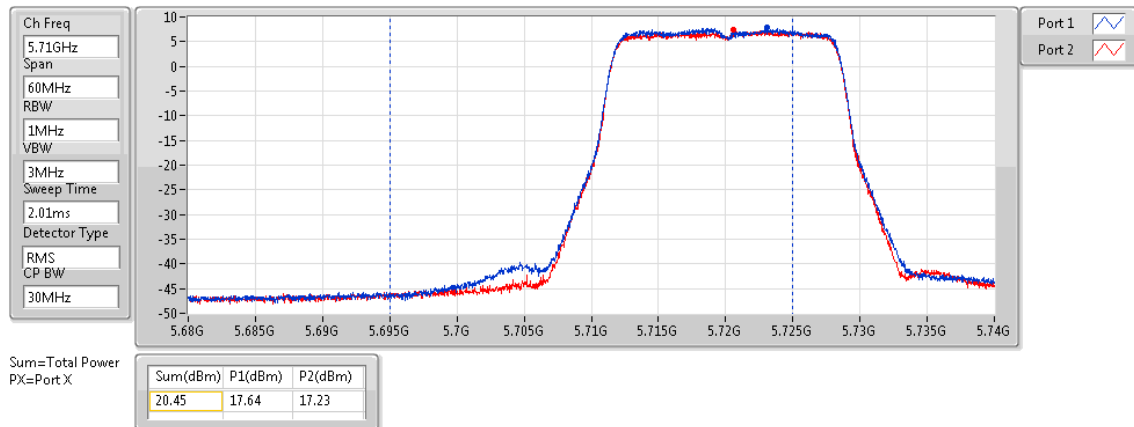
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
5210MHz	Pass	5.70	20.15	20.10	23.14	30.00
5290MHz	Pass	5.70	14.13	14.25	17.20	23.98
5530MHz	Pass	5.70	21.06	20.85	23.97	23.98
5610MHz	Pass	5.70	21.06	20.80	23.94	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.70	21.01	20.81	23.92	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.70	6.59	6.28	9.45	30.00
5775MHz	Pass	5.70	20.84	20.82	23.84	30.00

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

802.11a_(6Mbps)_2TX

AV Power

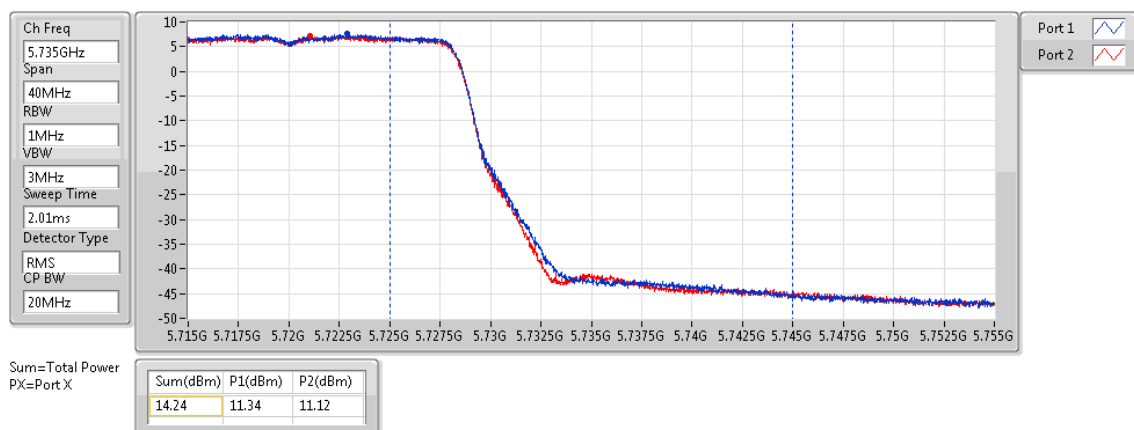
5720MHz Straddle 5.47-5.725GHz



802.11a_(6Mbps)_2TX

AV Power

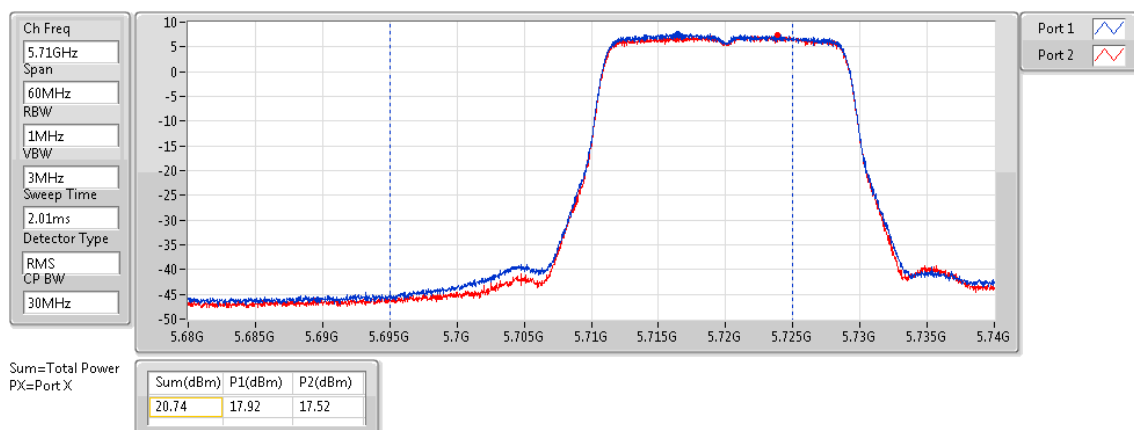
5720MHz Straddle 5.725-5.85GHz

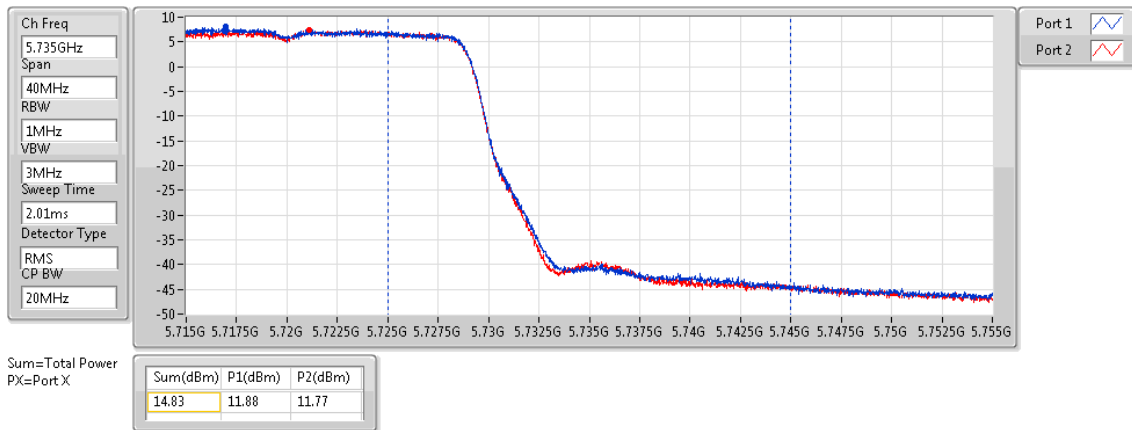
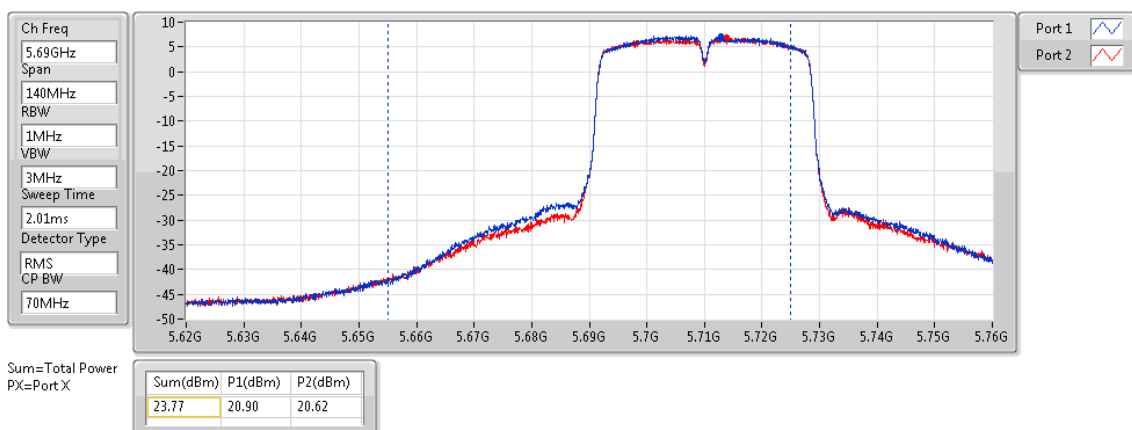
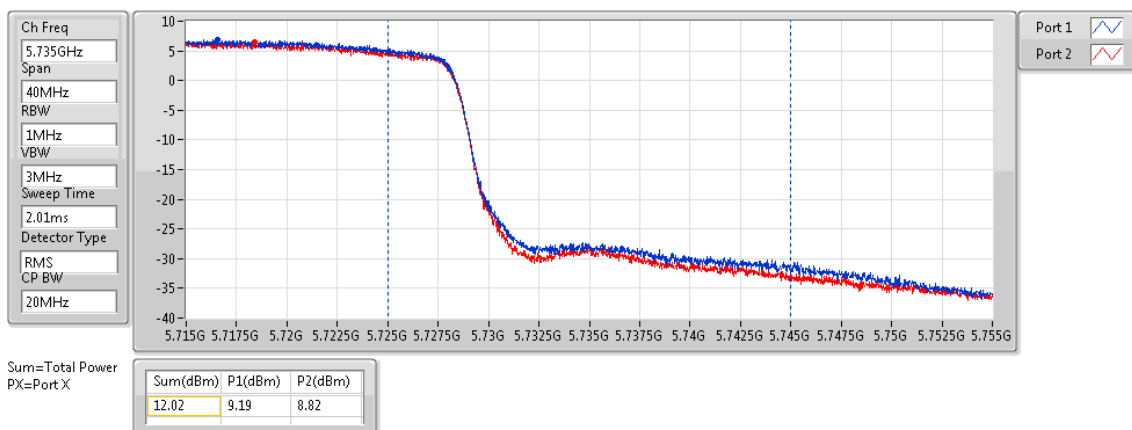


802.11ac VHT20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

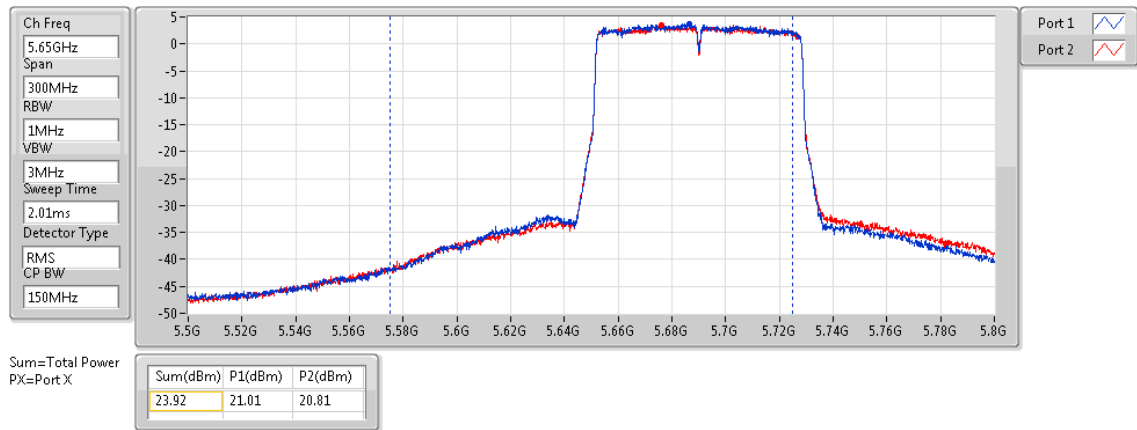


802.11ac VHT20_Nss1,(MCS0)_2TX
AV Power
5720MHz Straddle 5.725-5.85GHz

802.11ac VHT40_Nss1,(MCS0)_2TX
AV Power
5710MHz Straddle 5.47-5.725GHz

802.11ac VHT40_Nss1,(MCS0)_2TX
AV Power
5710MHz Straddle 5.725-5.85GHz


802.11ac VHT80_Nss1,(MCS0)_2TX

AV Power

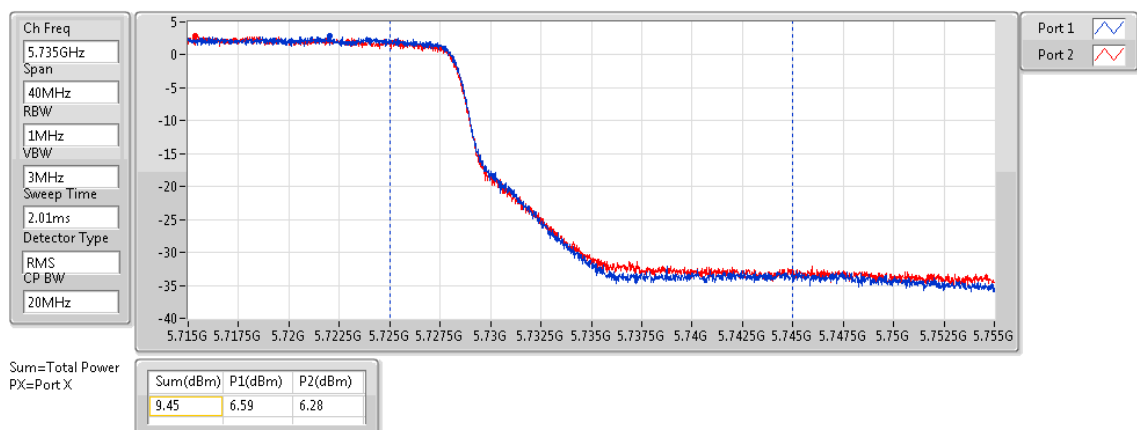
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz



**<For Beamforming Mode>****Summary**

Mode	Total Power (dBm)	Total Power (W)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	24.07	0.25527
5.25-5.35GHz	21.39	0.13772
5.47-5.725GHz	21.43	0.13900
5.725-5.85GHz	24.25	0.26607
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	24.17	0.26122
5.25-5.35GHz	21.28	0.13428
5.47-5.725GHz	21.46	0.13996
5.725-5.85GHz	24.21	0.26363
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	22.60	0.18197
5.25-5.35GHz	18.95	0.07852
5.47-5.725GHz	21.26	0.13366
5.725-5.85GHz	24.03	0.25293

**Result**

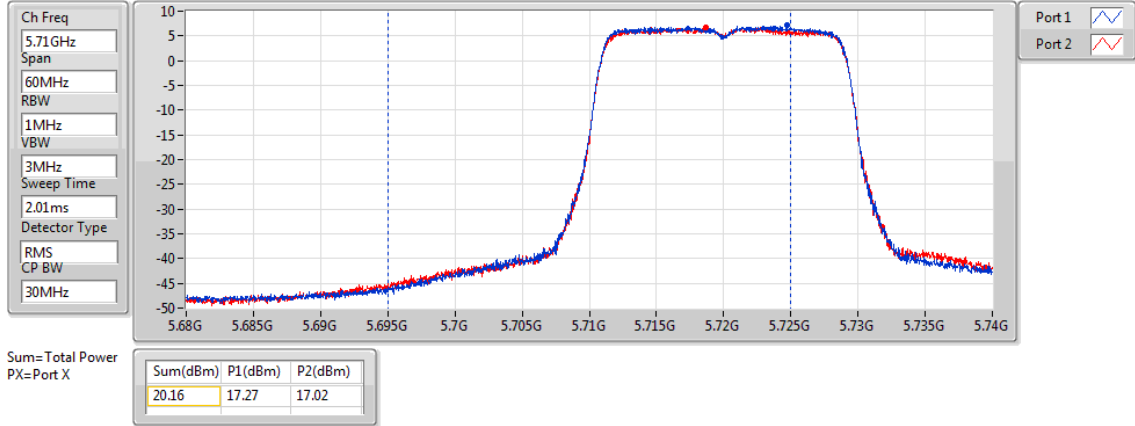
Mode	Result	DG	Port 1	Port 2	Total Power	Power Limit
		(dBi)	(dBm)	(dBm)	(dBm)	(dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.46	20.86	20.78	23.83	27.54
5200MHz	Pass	8.46	20.93	20.98	23.97	27.54
5240MHz	Pass	8.46	20.87	21.25	24.07	27.54
5260MHz	Pass	8.46	18.27	18.29	21.29	21.54
5300MHz	Pass	8.46	18.17	18.24	21.22	21.52
5320MHz	Pass	8.46	18.56	18.19	21.39	21.52
5500MHz	Pass	8.46	18.60	18.02	21.33	21.52
5580MHz	Pass	8.46	18.59	18.24	21.43	21.52
5700MHz	Pass	8.46	18.33	18.29	21.32	21.46
5720MHz Straddle 5.47-5.725GHz	Pass	8.46	17.27	17.02	20.16	20.30
5720MHz Straddle 5.725-5.85GHz	Pass	8.46	11.22	11.45	14.35	27.54
5745MHz	Pass	8.46	21.03	21.03	24.04	27.54
5785MHz	Pass	8.46	20.94	20.92	23.94	27.54
5825MHz	Pass	8.46	21.08	21.40	24.25	27.54
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	8.46	19.60	19.40	22.51	27.54
5230MHz	Pass	8.46	21.18	21.13	24.17	27.54
5270MHz	Pass	8.46	18.25	18.29	21.28	21.52
5310MHz	Pass	8.46	16.79	16.93	19.87	21.52
5510MHz	Pass	8.46	18.57	18.05	21.33	21.52
5550MHz	Pass	8.46	18.52	18.35	21.45	21.52
5670MHz	Pass	8.46	18.48	18.42	21.46	21.52
5710MHz Straddle 5.47-5.725GHz	Pass	8.46	18.55	18.32	21.45	21.52
5710MHz Straddle 5.725-5.85GHz	Pass	8.46	6.52	6.81	9.68	27.54
5755MHz	Pass	8.46	20.96	21.08	24.03	27.54
5795MHz	Pass	8.46	21.22	21.18	24.21	27.54
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	8.46	19.67	19.51	22.60	27.54
5290MHz	Pass	8.46	15.82	16.05	18.95	21.52
5530MHz	Pass	8.46	17.85	18.48	21.19	21.52
5610MHz	Pass	8.46	18.16	18.25	21.22	21.52
5690MHz Straddle 5.47-5.725GHz	Pass	8.46	18.20	18.30	21.26	21.52
5690MHz Straddle 5.725-5.85GHz	Pass	8.46	4.55	4.90	7.74	27.54
5775MHz	Pass	8.46	20.92	21.12	24.03	27.54

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

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

AV Power

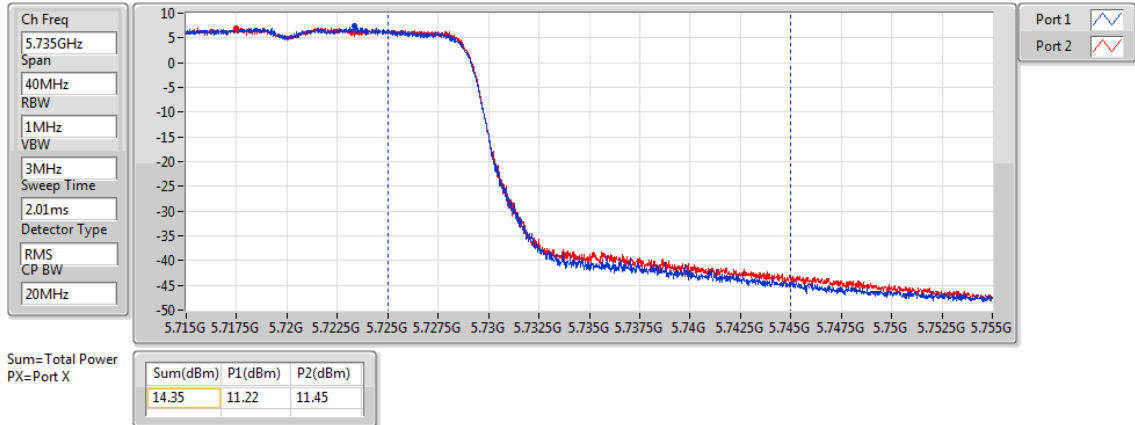
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

AV Power

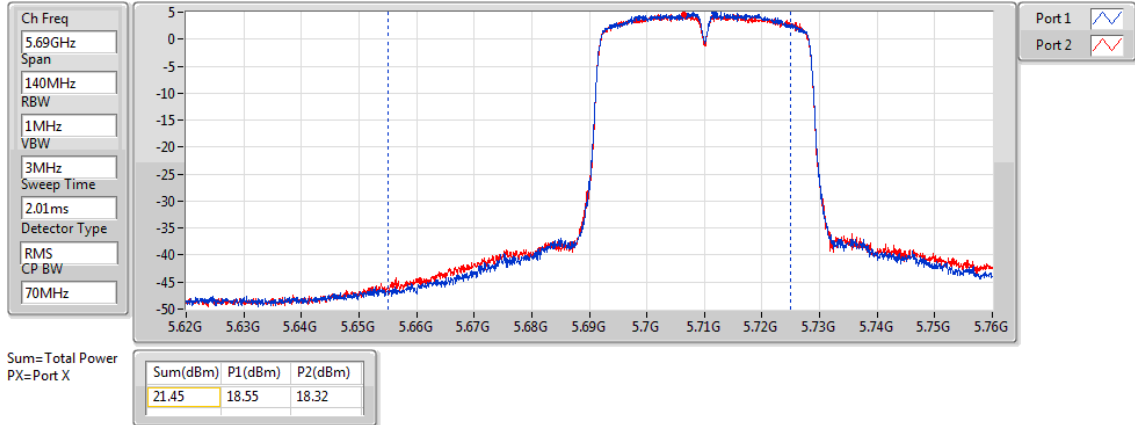
5720MHz Straddle 5.725-5.85GHz

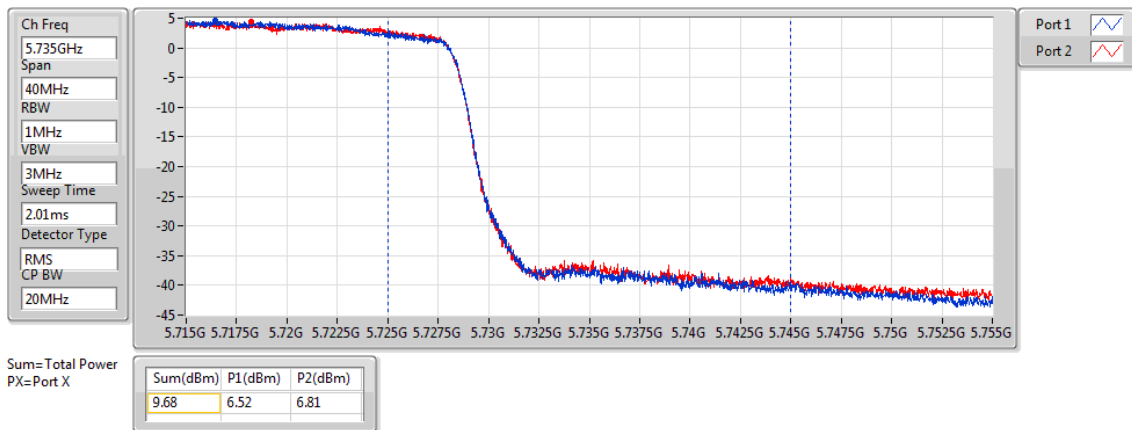
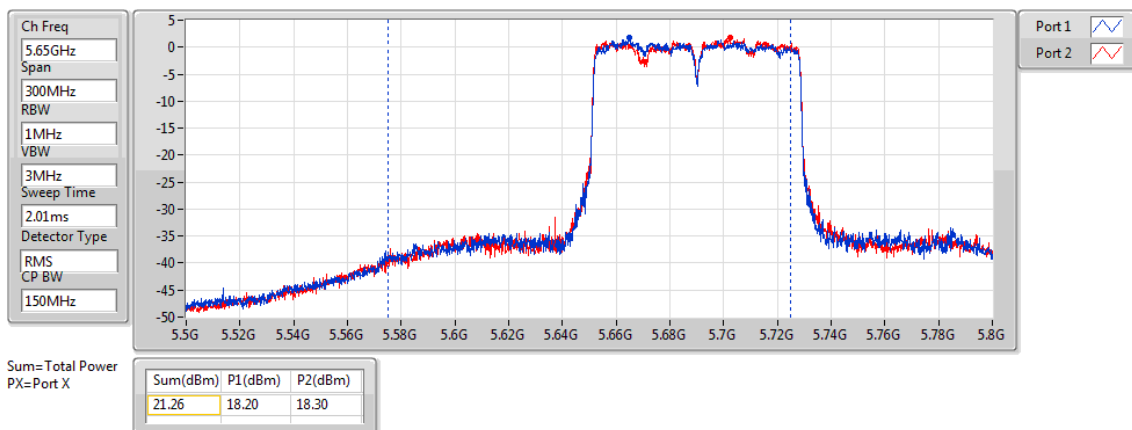
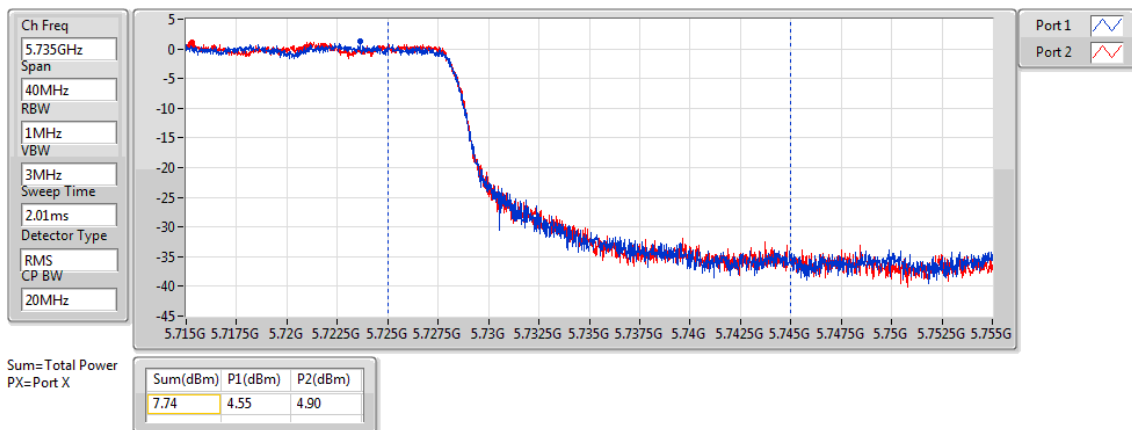


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz



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

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

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


**For Set 2 antennas / 3TX:
<For Non-Beamforming Mode>
Summary**

Mode	Total Power (dBm)	Total Power (W)
802.11a_(6Mbps)_3TX	-	-
5.15-5.25GHz	25.37	0.34435
5.25-5.35GHz	19.40	0.08710
5.47-5.725GHz	19.44	0.08790
5.725-5.85GHz	25.72	0.37325
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	25.61	0.36392
5.25-5.35GHz	19.88	0.09727
5.47-5.725GHz	19.82	0.09594
5.725-5.85GHz	25.98	0.39628
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	25.68	0.36983
5.25-5.35GHz	22.10	0.16218
5.47-5.725GHz	22.39	0.17338
5.725-5.85GHz	25.91	0.38994
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	21.89	0.15453
5.25-5.35GHz	18.54	0.07145
5.47-5.725GHz	23.71	0.23496
5.725-5.85GHz	25.69	0.37068



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_(6Mbps)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	5.70	20.54	20.68	20.55	25.36	30.00
5200MHz	Pass	5.70	20.54	20.72	20.52	25.37	30.00
5240MHz	Pass	5.70	20.58	20.60	20.53	25.34	30.00
5260MHz	Pass	5.70	14.55	14.47	14.87	19.40	23.79
5300MHz	Pass	5.70	14.59	14.48	14.70	19.36	23.78
5320MHz	Pass	5.70	14.50	14.44	14.04	19.10	23.80
5500MHz	Pass	5.70	14.41	14.92	14.48	19.38	23.80
5580MHz	Pass	5.70	14.76	14.79	14.45	19.44	23.83
5700MHz	Pass	5.70	14.33	14.84	14.44	19.31	23.80
5720MHz Straddle 5.47-5.725GHz	Pass	5.70	13.62	14.09	13.68	18.57	22.61
5720MHz Straddle 5.725-5.85GHz	Pass	5.70	7.24	7.79	7.13	12.17	30.00
5745MHz	Pass	5.70	20.82	21.12	20.79	25.68	30.00
5785MHz	Pass	5.70	20.71	20.93	20.81	25.59	30.00
5825MHz	Pass	5.70	20.95	21.02	20.86	25.72	30.00
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	5.70	20.84	20.87	20.80	25.61	30.00
5200MHz	Pass	5.70	20.81	20.89	20.78	25.60	30.00
5240MHz	Pass	5.70	20.92	20.79	20.66	25.56	30.00
5260MHz	Pass	5.70	14.83	14.83	14.91	19.63	23.98
5300MHz	Pass	5.70	14.98	14.71	14.90	19.64	23.96
5320MHz	Pass	5.70	15.10	15.33	14.88	19.88	23.98
5500MHz	Pass	5.70	15.03	15.10	15.03	19.82	23.98
5580MHz	Pass	5.70	14.91	14.95	14.68	19.62	23.98
5700MHz	Pass	5.70	14.58	14.98	14.65	19.51	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.70	13.68	14.04	13.66	18.57	22.77
5720MHz Straddle 5.725-5.85GHz	Pass	5.70	7.82	8.10	7.91	12.72	30.00
5745MHz	Pass	5.70	21.17	21.30	21.13	25.97	30.00
5785MHz	Pass	5.70	20.89	21.12	21.23	25.85	30.00
5825MHz	Pass	5.70	21.20	21.36	21.06	25.98	30.00
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5190MHz	Pass	5.70	19.00	19.45	19.35	24.04	30.00
5230MHz	Pass	5.70	21.10	20.95	20.68	25.68	30.00
5270MHz	Pass	5.70	17.25	17.20	17.53	22.10	23.98
5310MHz	Pass	5.70	16.90	16.65	16.88	21.58	23.98
5510MHz	Pass	5.70	17.47	17.82	17.45	22.35	23.98
5550MHz	Pass	5.70	17.53	17.72	17.59	22.39	23.98
5670MHz	Pass	5.70	17.20	17.67	17.61	22.27	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.70	17.00	17.49	17.24	22.02	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.70	5.10	6.06	5.42	10.32	30.00
5755MHz	Pass	5.70	21.14	21.46	20.80	25.91	30.00
5795MHz	Pass	5.70	21.10	21.17	20.96	25.85	30.00
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-



FCC Test Report

Report No. : FR760613AC

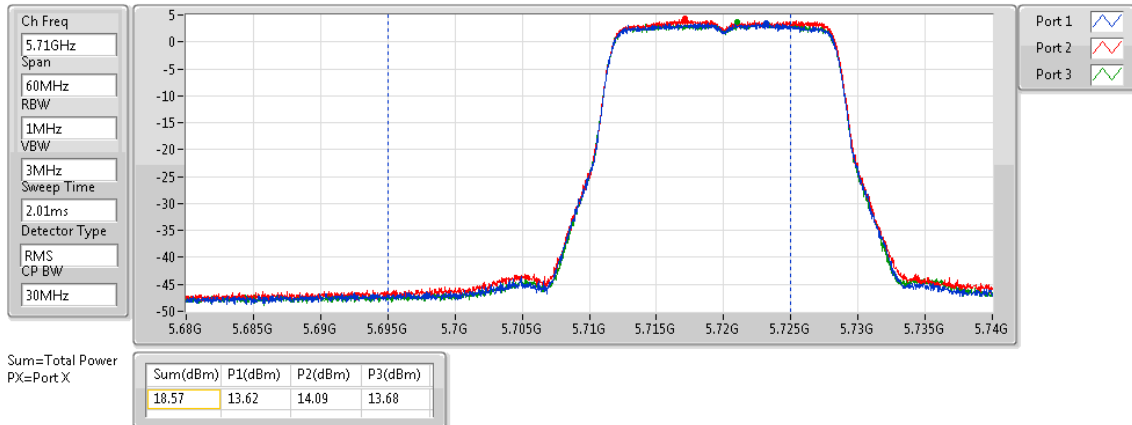
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)
5210MHz	Pass	5.70	17.17	17.28	16.89	21.89	30.00
5290MHz	Pass	5.70	13.89	13.78	13.64	18.54	23.98
5530MHz	Pass	5.70	18.80	19.15	18.86	23.71	23.98
5610MHz	Pass	5.70	18.79	19.17	18.77	23.69	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.70	18.61	19.21	18.79	23.65	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.70	4.01	5.21	4.68	9.43	30.00
5775MHz	Pass	5.70	20.81	21.01	20.95	25.69	30.00

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

802.11a_(6Mbps)_3TX

AV Power

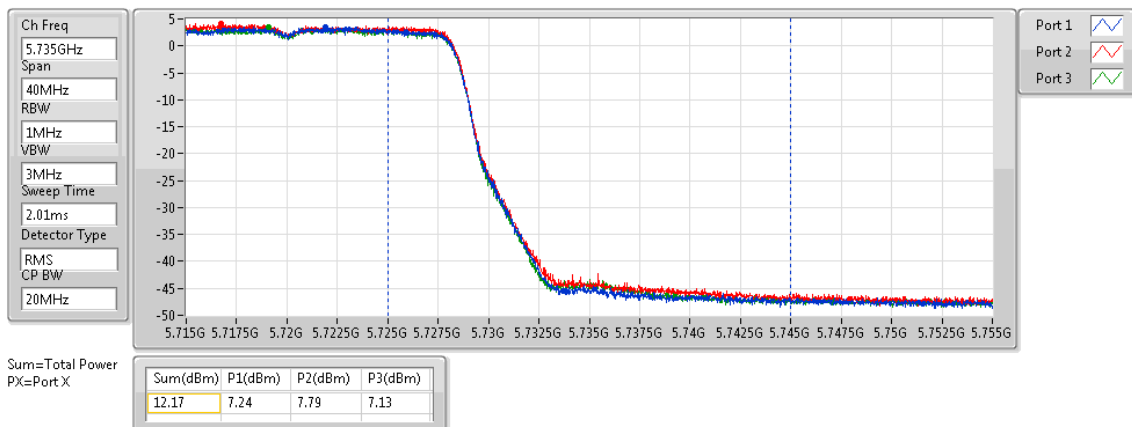
5720MHz Straddle 5.47-5.725GHz



802.11a_(6Mbps)_3TX

AV Power

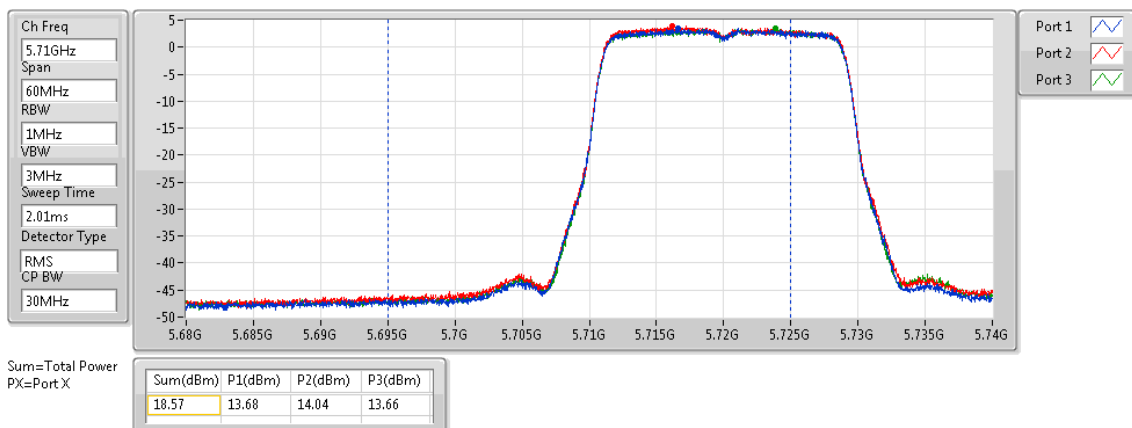
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20_Nss1,(MCS0)_3TX

AV Power

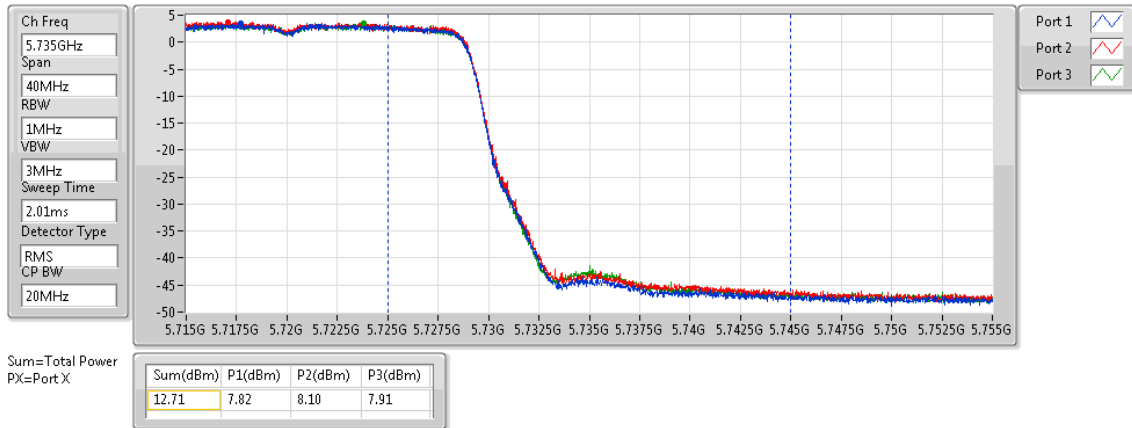
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20_Nss1,(MCS0)_3TX

AV Power

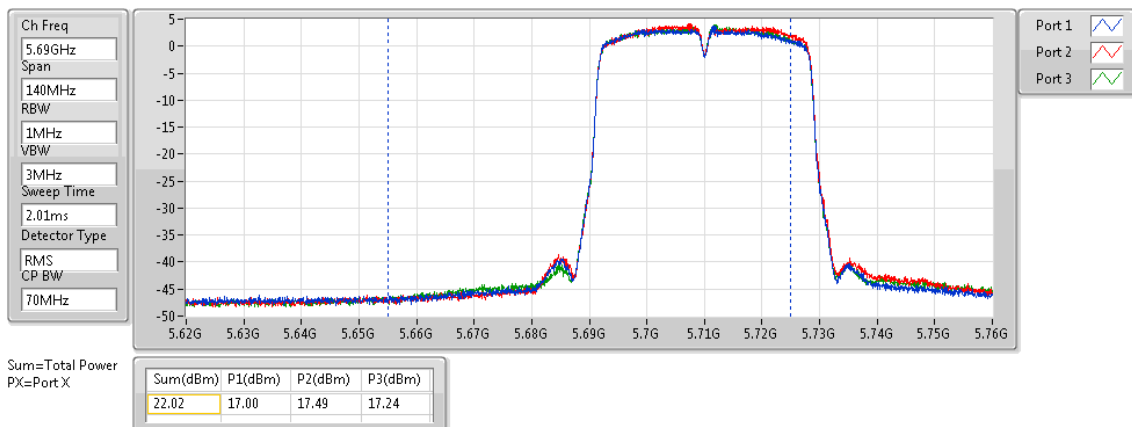
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802.11ac VHT40_Nss1,(MCS0)_3TX

AV Power

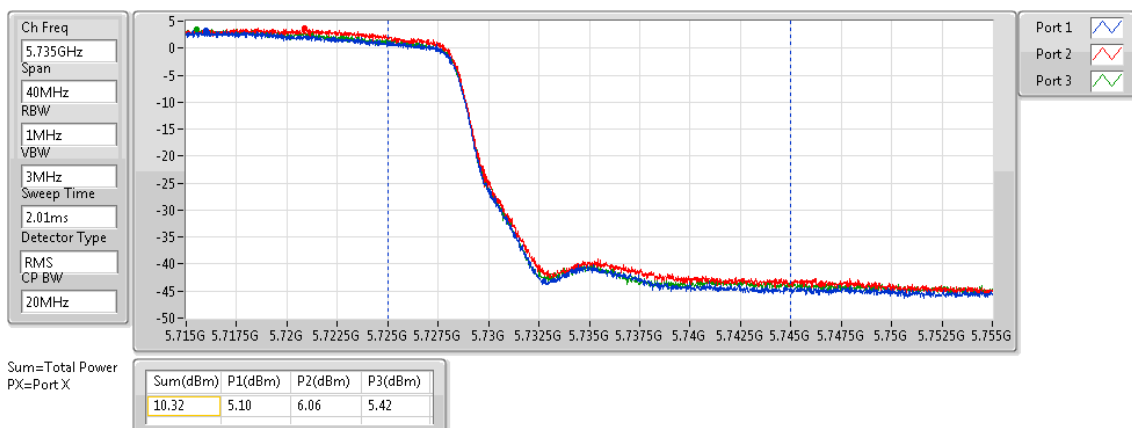
5710MHz Straddle 5.47-5.725GHz



802.11ac VHT40_Nss1,(MCS0)_3TX

AV Power

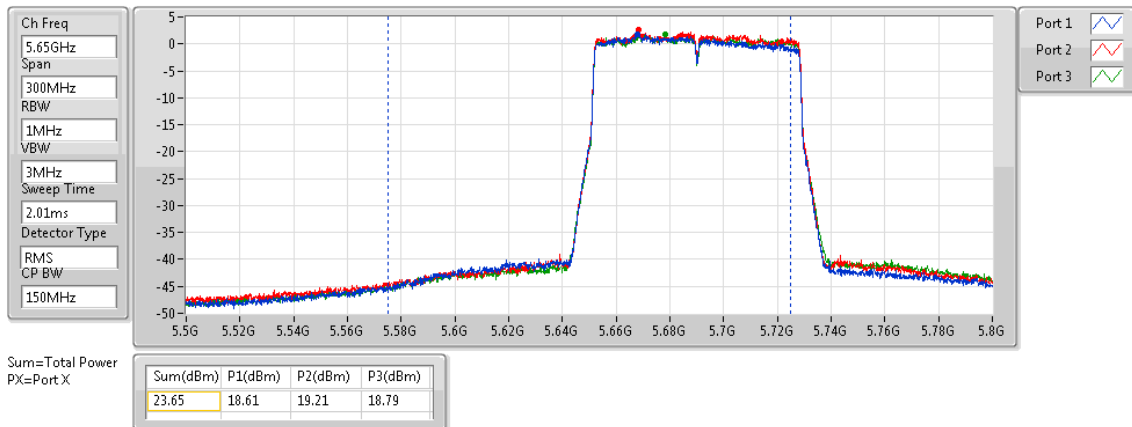
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT80_Nss1,(MCS0)_3TX

AV Power

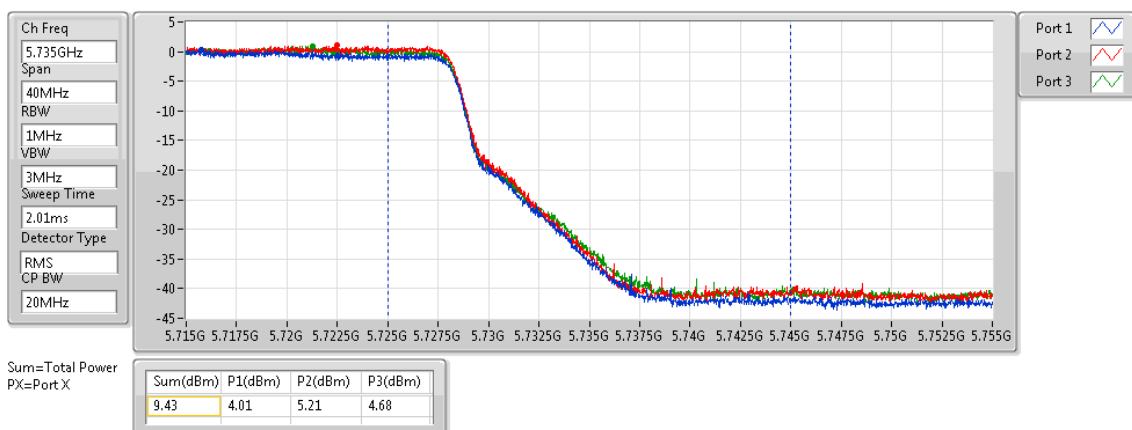
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss1,(MCS0)_3TX

AV Power

5690MHz Straddle 5.725-5.85GHz



**<For Beamforming Mode>****Summary**

Mode	Total Power (dBm)	Total Power (W)
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	25.54	0.35810
5.25-5.35GHz	19.64	0.09204
5.47-5.725GHz	19.61	0.09141
5.725-5.85GHz	25.67	0.36898
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	25.53	0.35727
5.25-5.35GHz	19.59	0.09099
5.47-5.725GHz	19.64	0.09204
5.725-5.85GHz	25.61	0.36392
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	21.36	0.13677
5.25-5.35GHz	18.03	0.06353
5.47-5.725GHz	19.36	0.08630
5.725-5.85GHz	25.44	0.34995



Result

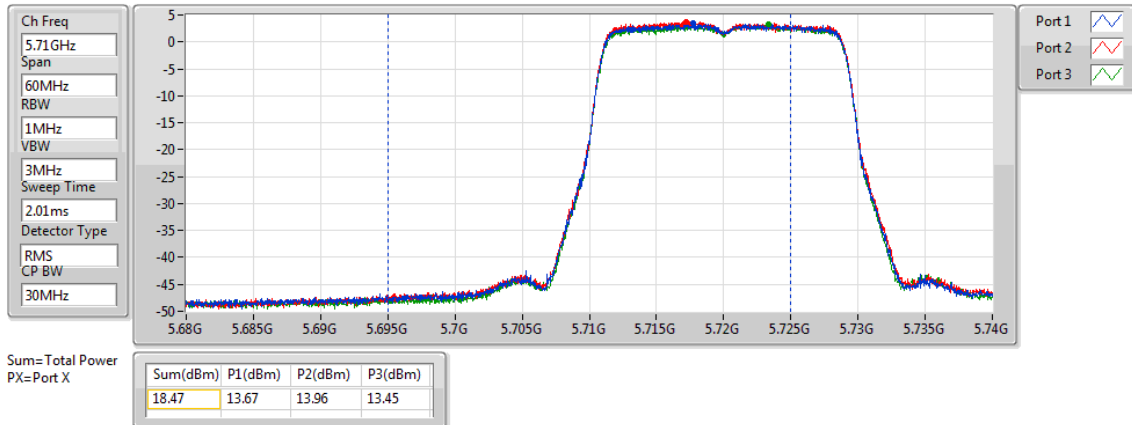
Mode	Result	DG	Port 1	Port 2	Port 3	Total Power	Power Limit
		(dBi)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5180MHz	Pass	10.31	20.80	20.92	20.34	25.47	25.69
5200MHz	Pass	10.31	20.87	20.91	20.52	25.54	25.69
5240MHz	Pass	10.31	20.60	20.71	20.57	25.40	25.69
5260MHz	Pass	10.31	14.73	14.89	14.99	19.64	19.67
5300MHz	Pass	10.31	14.87	14.66	14.95	19.60	19.67
5320MHz	Pass	10.31	14.96	14.77	14.58	19.54	19.67
5500MHz	Pass	10.31	14.96	14.98	14.56	19.61	19.67
5580MHz	Pass	10.31	14.83	14.63	14.56	19.45	19.67
5700MHz	Pass	10.31	14.74	14.69	14.58	19.44	19.67
5720MHz Straddle 5.47-5.725GHz	Pass	10.31	13.67	13.96	13.45	18.47	18.49
5720MHz Straddle 5.725-5.85GHz	Pass	10.31	7.87	8.13	7.80	12.71	25.69
5745MHz	Pass	10.31	21.31	20.95	19.76	25.49	25.69
5785MHz	Pass	10.31	20.90	20.61	20.86	25.56	25.69
5825MHz	Pass	10.31	20.88	20.86	20.96	25.67	25.69
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5190MHz	Pass	10.31	19.15	19.39	19.09	23.98	25.69
5230MHz	Pass	10.31	20.87	20.74	20.65	25.53	25.69
5270MHz	Pass	10.31	14.92	14.88	14.64	19.59	19.67
5310MHz	Pass	10.31	14.98	14.52	14.49	19.44	19.67
5510MHz	Pass	10.31	15.00	14.56	14.50	19.46	19.67
5550MHz	Pass	10.31	14.96	14.45	14.59	19.44	19.67
5670MHz	Pass	10.31	14.89	14.80	14.66	19.56	19.67
5710MHz Straddle 5.47-5.725GHz	Pass	10.31	15.01	14.92	14.68	19.64	19.67
5710MHz Straddle 5.725-5.85GHz	Pass	10.31	2.73	3.18	3.38	7.88	25.69
5755MHz	Pass	10.31	20.98	20.73	20.81	25.61	25.69
5795MHz	Pass	10.31	21.07	20.63	20.72	25.58	25.69
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5210MHz	Pass	10.31	16.69	16.79	16.26	21.36	25.69
5290MHz	Pass	10.31	13.46	13.05	13.27	18.03	19.67
5530MHz	Pass	10.31	14.27	14.53	14.75	19.29	19.67
5610MHz	Pass	10.31	14.64	14.42	14.54	19.31	19.67
5690MHz Straddle 5.47-5.725GHz	Pass	10.31	14.72	14.54	14.49	19.36	19.67
5690MHz Straddle 5.725-5.85GHz	Pass	10.31	0.02	1.32	0.40	5.39	25.69
5775MHz	Pass	10.31	20.43	20.73	20.83	25.44	25.69

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

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

AV Power

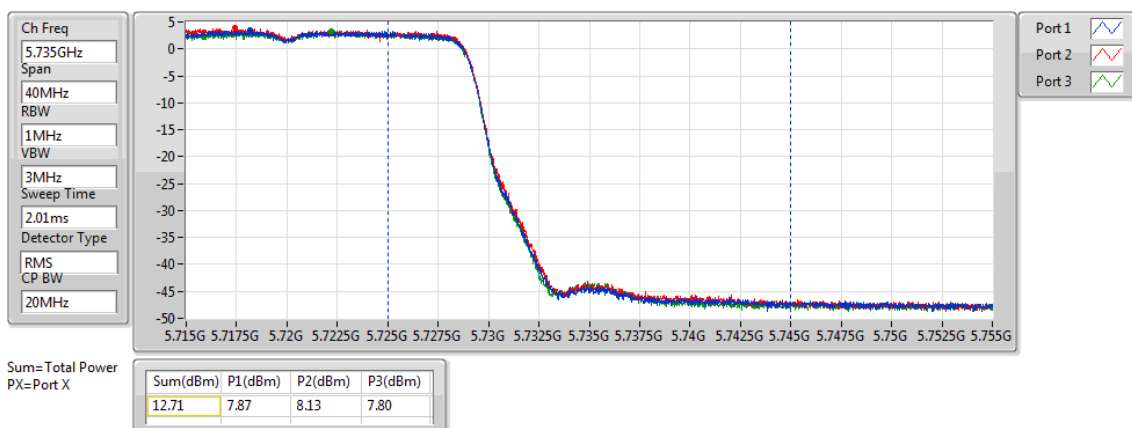
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20-BF_Nss1,(MCS0)_3TX

AV Power

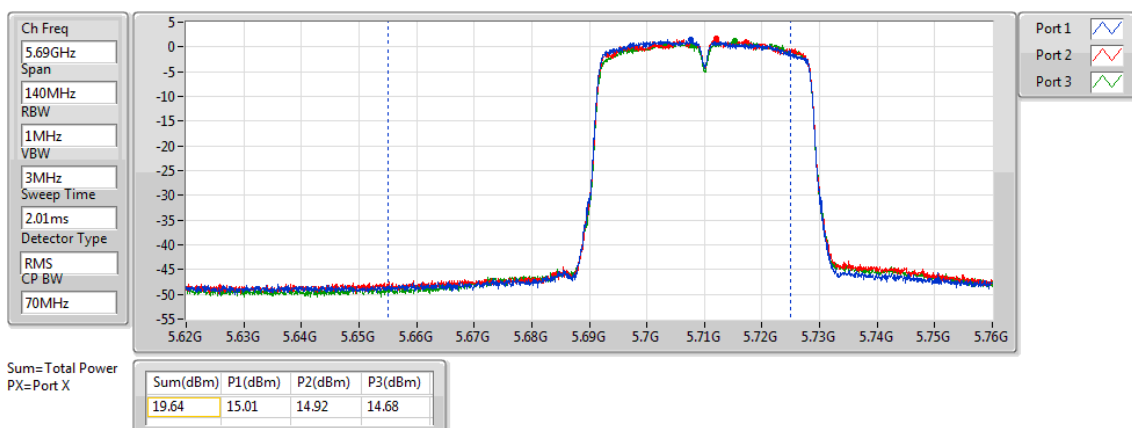
5720MHz Straddle 5.725-5.85GHz

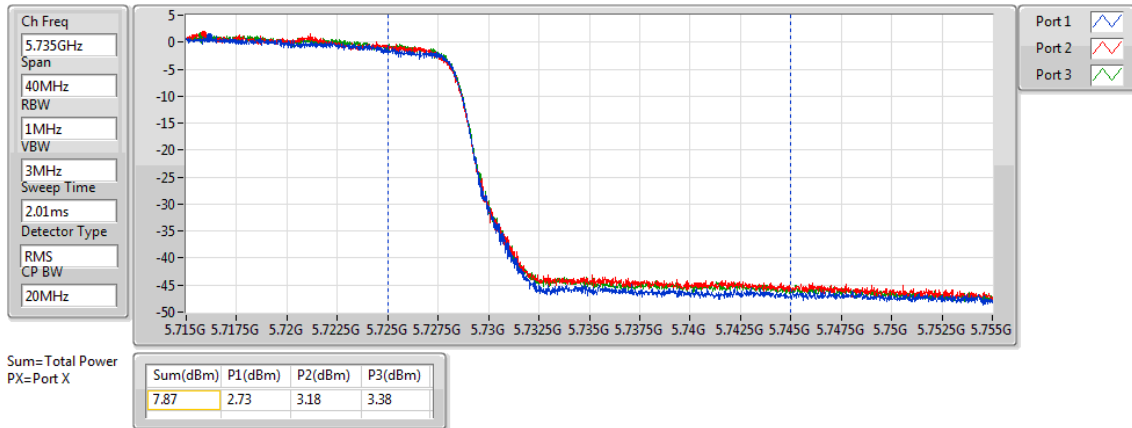
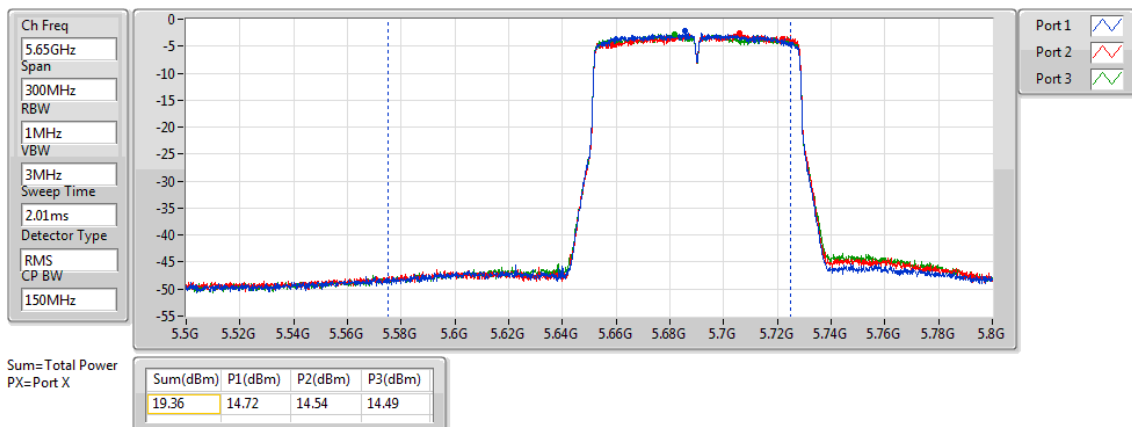
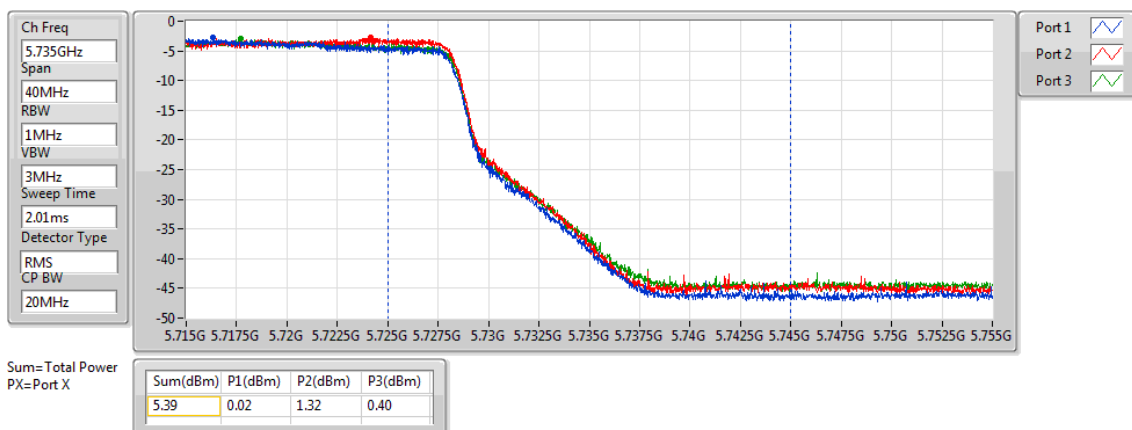


802.11ac VHT40-BF_Nss1,(MCS0)_3TX

AV Power

5710MHz Straddle 5.47-5.725GHz



802.11ac VHT40-BF_Nss1,(MCS0)_3TX
AV Power
5710MHz Straddle 5.725-5.85GHz

802.11ac VHT80-BF_Nss1,(MCS0)_3TX
AV Power
5690MHz Straddle 5.47-5.725GHz

802.11ac VHT80-BF_Nss1,(MCS0)_3TX
AV Power
5690MHz Straddle 5.725-5.85GHz


**For Set 3 antennas / 1TX:
Summary**

Mode	Total Power (dBm)	Total Power (W)
802.11a_(6Mbps)_1TX	-	-
5.15-5.25GHz	21.35	0.13646
5.25-5.35GHz	20.06	0.10139
5.47-5.725GHz	20.04	0.10093
5.725-5.85GHz	21.06	0.12764
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-
5.15-5.25GHz	21.10	0.12882
5.25-5.35GHz	20.16	0.10375
5.47-5.725GHz	20.19	0.10447
5.725-5.85GHz	21.31	0.13521
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-
5.15-5.25GHz	21.34	0.13614
5.25-5.35GHz	20.20	0.10471
5.47-5.725GHz	20.17	0.10399
5.725-5.85GHz	21.28	0.13428
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-
5.15-5.25GHz	20.13	0.10304
5.25-5.35GHz	16.42	0.04385
5.47-5.725GHz	20.21	0.10495
5.725-5.85GHz	21.42	0.13868



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	9.74	21.22	21.22	26.26
5200MHz	Pass	9.74	21.35	21.35	26.26
5240MHz	Pass	9.74	21.22	21.22	26.26
5260MHz	Pass	9.74	19.75	19.75	20.19
5300MHz	Pass	9.74	19.86	19.86	20.21
5320MHz	Pass	9.74	20.06	20.06	20.21
5500MHz	Pass	9.74	19.84	19.84	20.15
5580MHz	Pass	9.74	20.04	20.04	20.25
5700MHz	Pass	9.74	19.86	19.86	20.15
5720MHz Straddle 5.47-5.725GHz	Pass	9.74	18.78	18.78	18.97
5720MHz Straddle 5.725-5.85GHz	Pass	9.74	12.59	12.59	26.26
5745MHz	Pass	9.74	21.00	21.00	26.26
5785MHz	Pass	9.74	20.78	20.78	26.26
5825MHz	Pass	9.74	21.06	21.06	26.26
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	9.74	21.02	21.02	26.26
5200MHz	Pass	9.74	21.10	21.10	26.26
5240MHz	Pass	9.74	20.83	20.83	26.26
5260MHz	Pass	9.74	19.94	19.94	20.24
5300MHz	Pass	9.74	20.01	20.01	20.24
5320MHz	Pass	9.74	20.16	20.16	20.24
5500MHz	Pass	9.74	19.85	19.85	20.24
5580MHz	Pass	9.74	20.19	20.19	20.24
5700MHz	Pass	9.74	19.89	19.89	20.24
5720MHz Straddle 5.47-5.725GHz	Pass	9.74	19.08	19.08	19.09
5720MHz Straddle 5.725-5.85GHz	Pass	9.74	13.24	13.24	26.26
5745MHz	Pass	9.74	21.31	21.31	26.26
5785MHz	Pass	9.74	21.09	21.09	26.26
5825MHz	Pass	9.74	21.18	21.18	26.26
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	9.74	20.13	20.13	26.26
5230MHz	Pass	9.74	21.34	21.34	26.26
5270MHz	Pass	9.74	20.20	20.20	20.24
5310MHz	Pass	9.74	17.22	17.22	20.24
5510MHz	Pass	9.74	20.03	20.03	20.24
5550MHz	Pass	9.74	19.98	19.98	20.24
5670MHz	Pass	9.74	20.17	20.17	20.24
5710MHz Straddle 5.47-5.725GHz	Pass	9.74	20.17	20.17	20.24
5710MHz Straddle 5.725-5.85GHz	Pass	9.74	8.17	8.17	26.26
5755MHz	Pass	9.74	21.28	21.28	26.26
5795MHz	Pass	9.74	21.20	21.20	26.26
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-



FCC Test Report

Report No. : FR760613AC

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
5210MHz	Pass	9.74	20.13	20.13	26.26
5290MHz	Pass	9.74	16.42	16.42	20.24
5530MHz	Pass	9.74	19.39	19.39	20.24
5610MHz	Pass	9.74	19.90	19.90	20.24
5690MHz Straddle 5.47-5.725GHz	Pass	9.74	20.21	20.21	20.24
5690MHz Straddle 5.725-5.85GHz	Pass	9.74	5.39	5.39	26.26
5775MHz	Pass	9.74	21.42	21.42	26.26

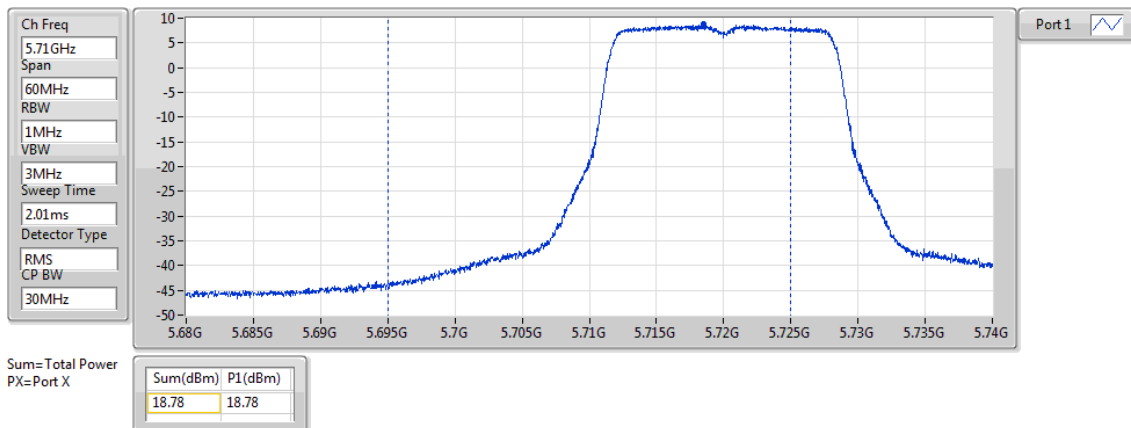
DG = Directional Gain; Port X = Port X output power



802.11a_(6Mbps)_1TX

AV Power

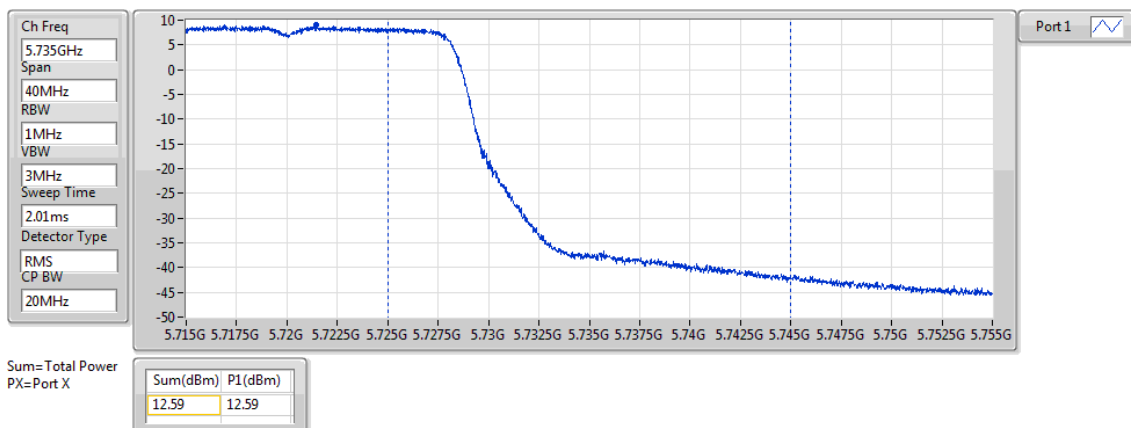
5720MHz Straddle 5.47-5.725GHz



802.11a_(6Mbps)_1TX

AV Power

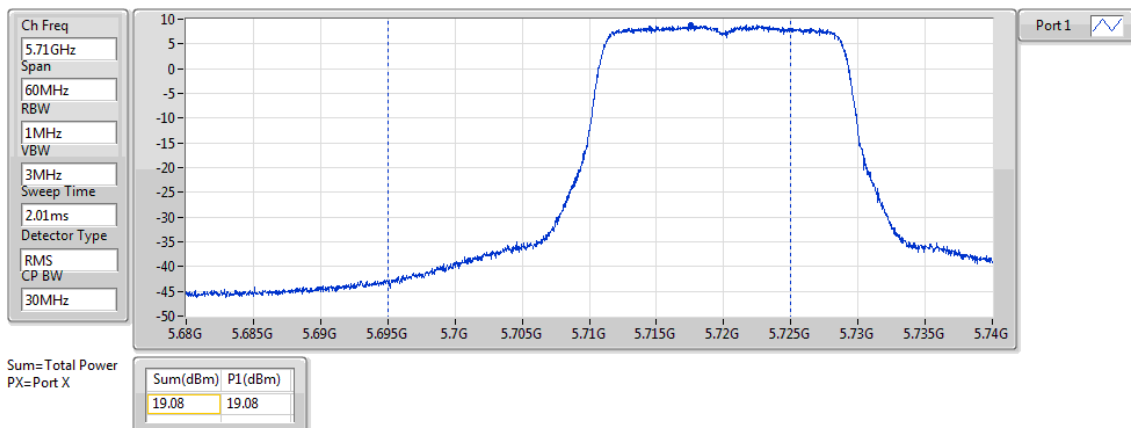
5720MHz Straddle 5.725-5.85GHz

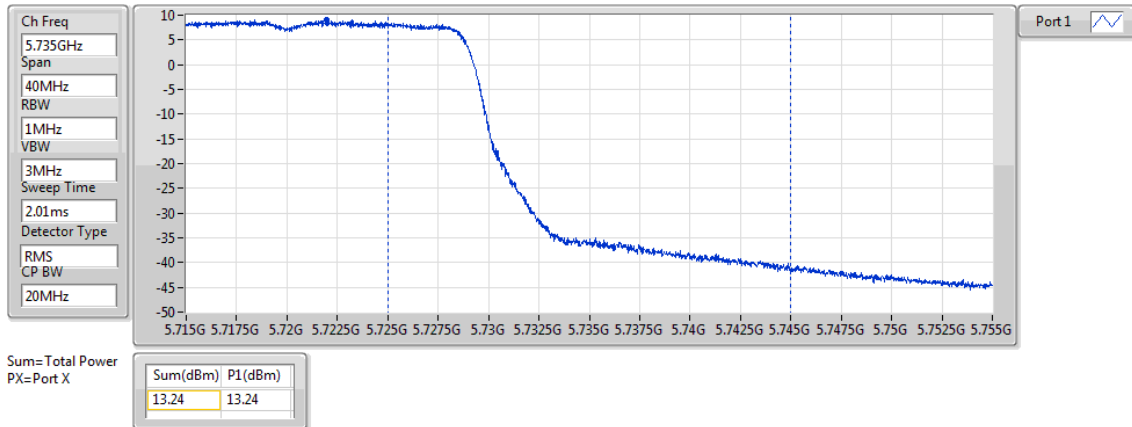
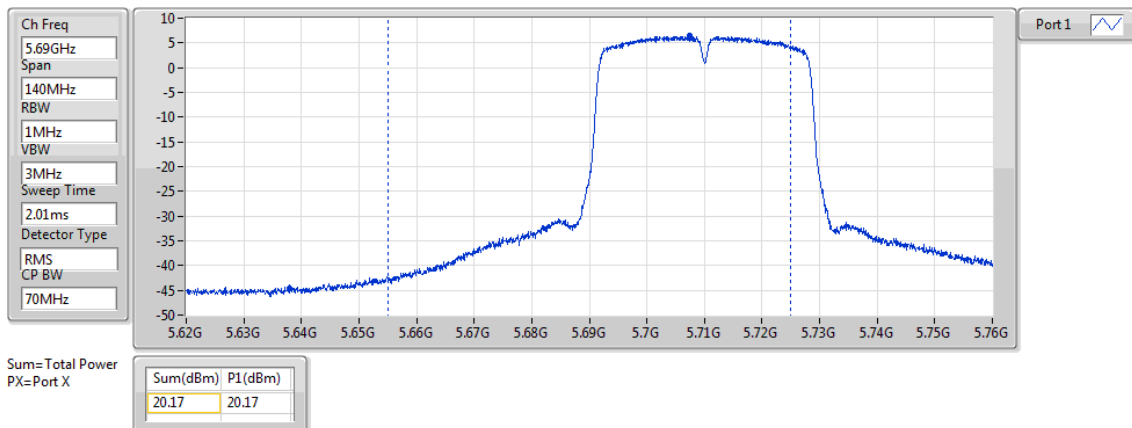
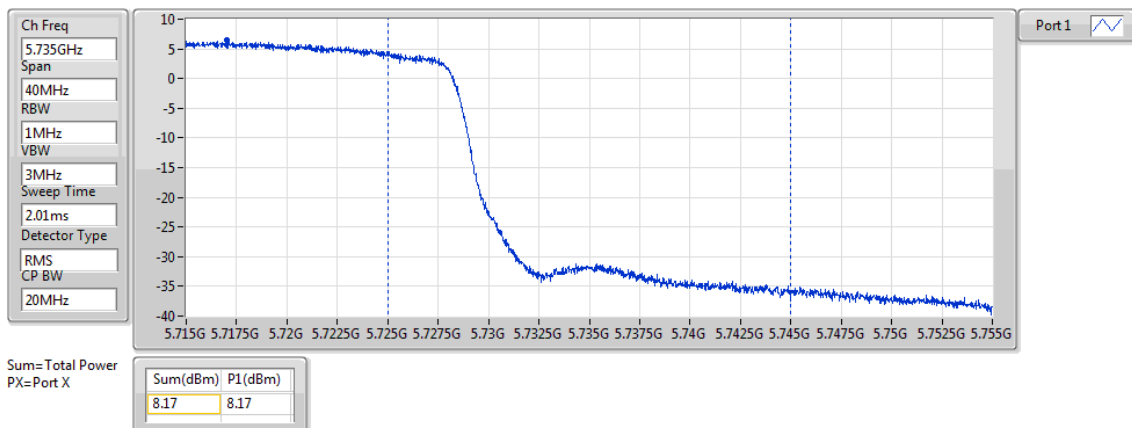


802.11ac VHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz



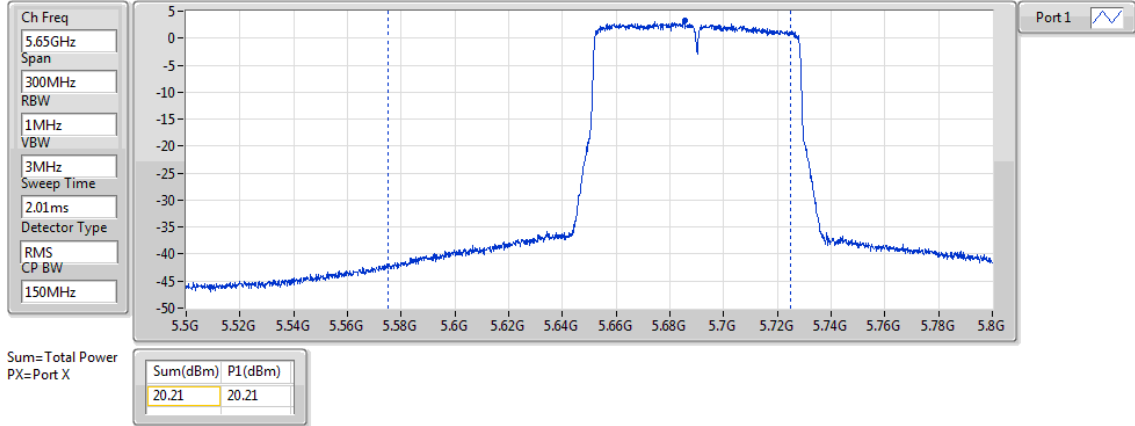
802.11ac VHT20_Nss1,(MCS0)_1TX
AV Power
5720MHz Straddle 5.725-5.85GHz

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

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




802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

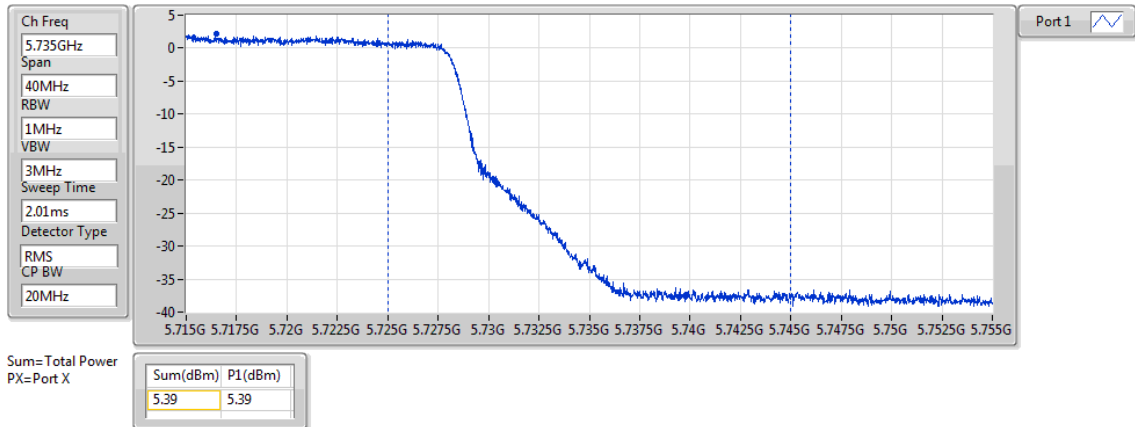
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz



**For Set 3 antennas / 2TX:
<For Non-Beamforming Mode>
Summary**

Mode	Total Power (dBm)	Total Power (W)
802.11a_(6Mbps)_2TX	-	-
5.15-5.25GHz	24.23	0.26485
5.25-5.35GHz	18.75	0.07499
5.47-5.725GHz	19.04	0.08017
5.725-5.85GHz	24.15	0.26002
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	24.32	0.27040
5.25-5.35GHz	18.71	0.07430
5.47-5.725GHz	19.27	0.08453
5.725-5.85GHz	24.34	0.27164
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	24.33	0.27102
5.25-5.35GHz	19.93	0.09840
5.47-5.725GHz	20.12	0.10280
5.725-5.85GHz	24.42	0.27669
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	19.00	0.07943
5.25-5.35GHz	15.37	0.03443
5.47-5.725GHz	20.20	0.10471
5.725-5.85GHz	23.89	0.24491

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	9.74	20.78	20.99	23.90	26.26
5200MHz	Pass	9.74	20.80	20.59	23.71	26.26
5240MHz	Pass	9.74	21.13	21.30	24.23	26.26
5260MHz	Pass	9.74	14.99	15.56	18.29	20.12
5300MHz	Pass	9.74	15.25	15.38	18.33	20.05
5320MHz	Pass	9.74	15.81	15.67	18.75	20.10
5500MHz	Pass	9.74	16.05	15.94	19.01	20.10
5580MHz	Pass	9.74	16.07	15.99	19.04	20.13
5700MHz	Pass	9.74	15.89	16.04	18.98	20.10
5720MHz Straddle 5.47-5.725GHz	Pass	9.74	14.57	14.42	17.51	18.88
5720MHz Straddle 5.725-5.85GHz	Pass	9.74	8.28	8.10	11.20	26.26
5745MHz	Pass	9.74	21.10	21.10	24.11	26.26
5785MHz	Pass	9.74	20.99	21.29	24.15	26.26
5825MHz	Pass	9.74	21.04	21.21	24.14	26.26
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	9.74	21.25	21.36	24.32	26.26
5200MHz	Pass	9.74	21.02	21.14	24.09	26.26
5240MHz	Pass	9.74	21.23	21.25	24.25	26.26
5260MHz	Pass	9.74	15.18	15.84	18.53	20.24
5300MHz	Pass	9.74	15.36	16.01	18.71	20.23
5320MHz	Pass	9.74	15.27	15.60	18.45	20.24
5500MHz	Pass	9.74	16.20	16.06	19.14	20.24
5580MHz	Pass	9.74	16.32	16.08	19.21	20.24
5700MHz	Pass	9.74	16.16	16.35	19.27	20.24
5720MHz Straddle 5.47-5.725GHz	Pass	9.74	15.10	14.98	18.05	19.05
5720MHz Straddle 5.725-5.85GHz	Pass	9.74	9.39	9.28	12.35	26.26
5745MHz	Pass	9.74	21.28	21.30	24.30	26.26
5785MHz	Pass	9.74	21.12	21.42	24.28	26.26
5825MHz	Pass	9.74	21.29	21.37	24.34	26.26
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	9.74	18.34	18.58	21.47	26.26
5230MHz	Pass	9.74	21.26	21.37	24.33	26.26
5270MHz	Pass	9.74	16.77	17.06	19.93	20.24
5310MHz	Pass	9.74	15.04	15.06	18.06	20.24
5510MHz	Pass	9.74	16.87	16.77	19.83	20.24
5550MHz	Pass	9.74	17.00	16.83	19.93	20.24
5670MHz	Pass	9.74	16.85	17.15	20.01	20.24
5710MHz Straddle 5.47-5.725GHz	Pass	9.74	17.09	17.12	20.12	20.24
5710MHz Straddle 5.725-5.85GHz	Pass	9.74	5.75	5.57	8.67	26.26
5755MHz	Pass	9.74	21.29	21.37	24.34	26.26
5795MHz	Pass	9.74	21.37	21.45	24.42	26.26
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-



FCC Test Report

Report No. : FR760613AC

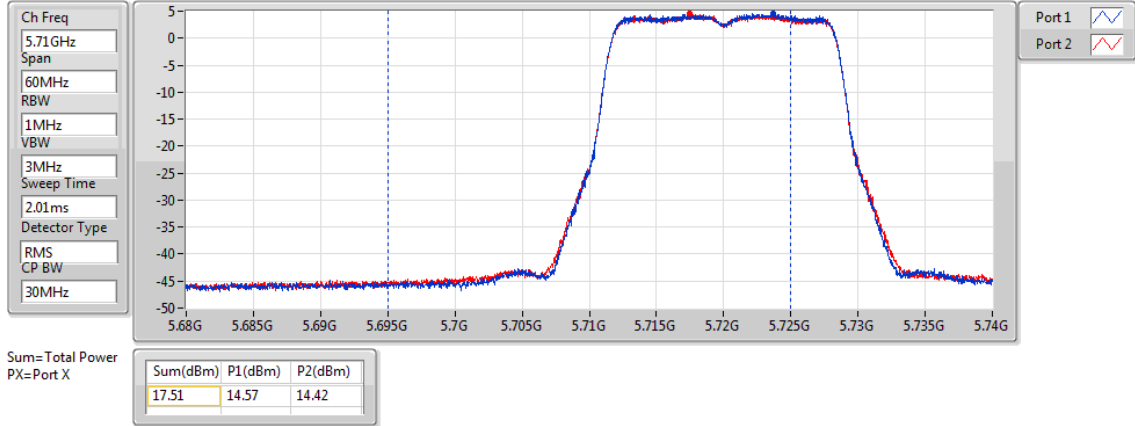
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
5210MHz	Pass	9.74	15.90	16.07	19.00	26.26
5290MHz	Pass	9.74	12.13	12.57	15.37	20.24
5530MHz	Pass	9.74	15.07	15.28	18.19	20.24
5610MHz	Pass	9.74	17.26	17.12	20.20	20.24
5690MHz Straddle 5.47-5.725GHz	Pass	9.74	16.82	17.14	19.99	20.24
5690MHz Straddle 5.725-5.85GHz	Pass	9.74	3.24	3.39	6.33	26.26
5775MHz	Pass	9.74	20.75	21.01	23.89	26.26

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

802.11a_(6Mbps)_2TX

AV Power

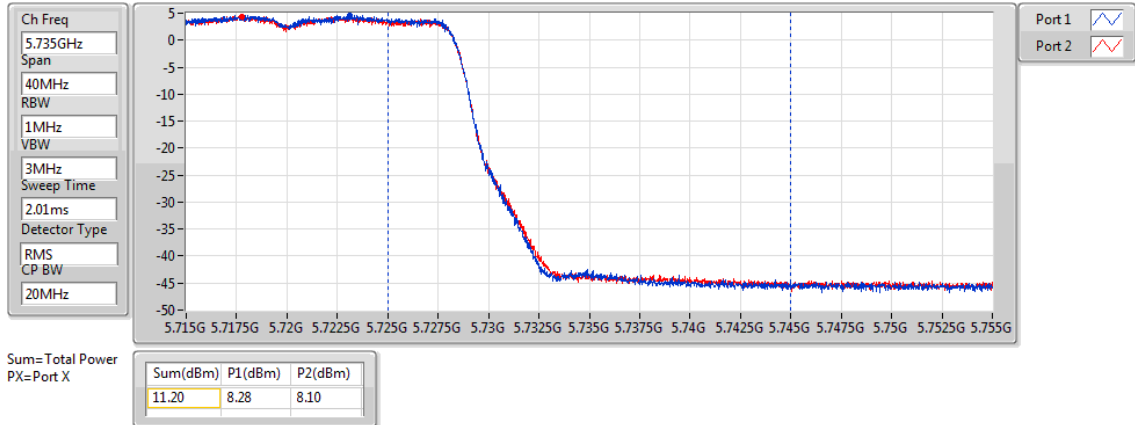
5720MHz Straddle 5.47-5.725GHz



802.11a_(6Mbps)_2TX

AV Power

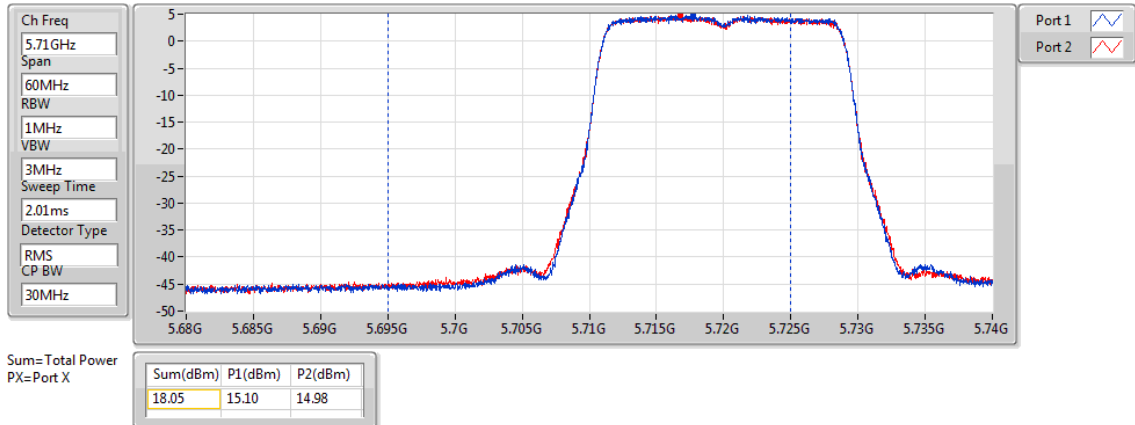
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20_Nss1,(MCS0)_2TX

AV Power

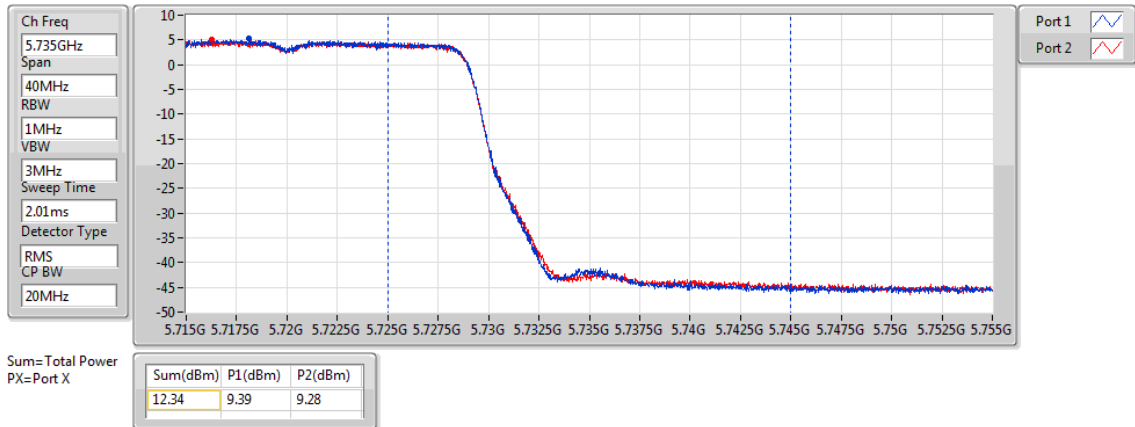
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20_Nss1,(MCS0)_2TX

AV Power

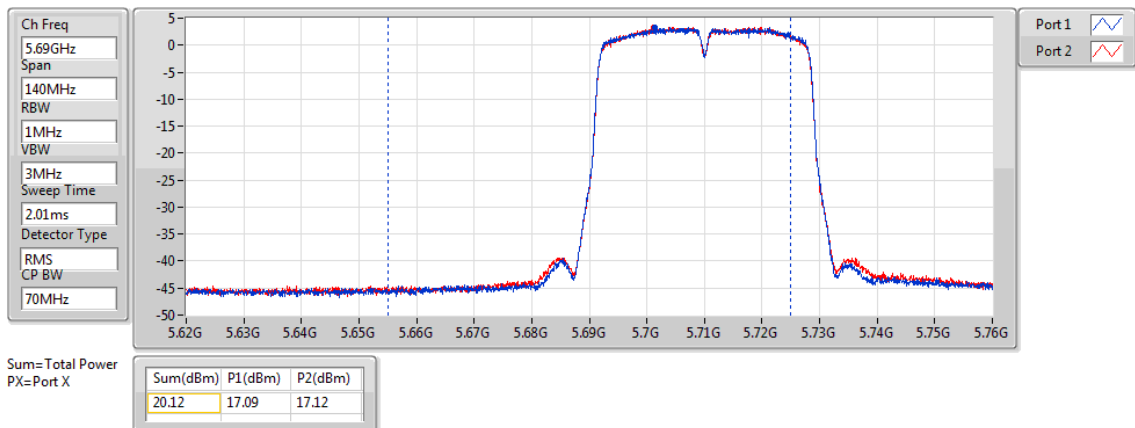
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT40_Nss1,(MCS0)_2TX

AV Power

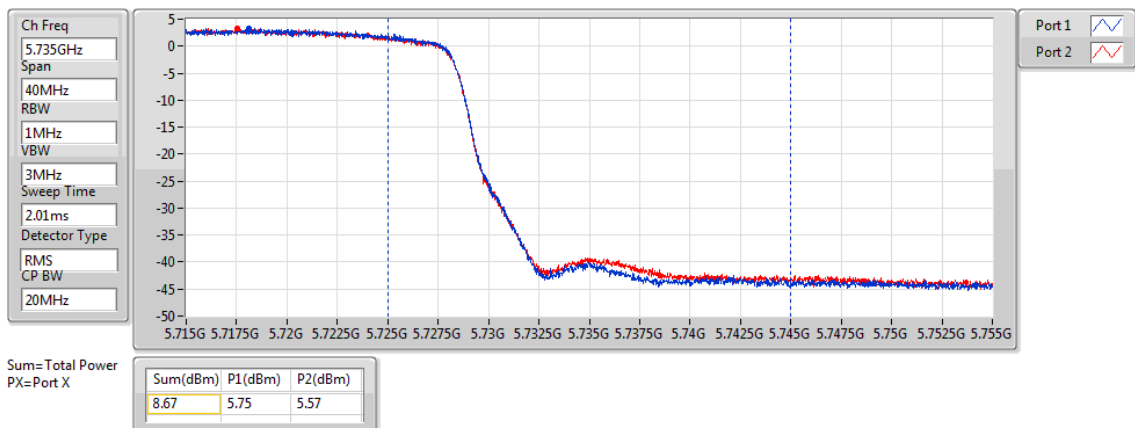
5710MHz Straddle 5.47-5.725GHz



802.11ac VHT40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

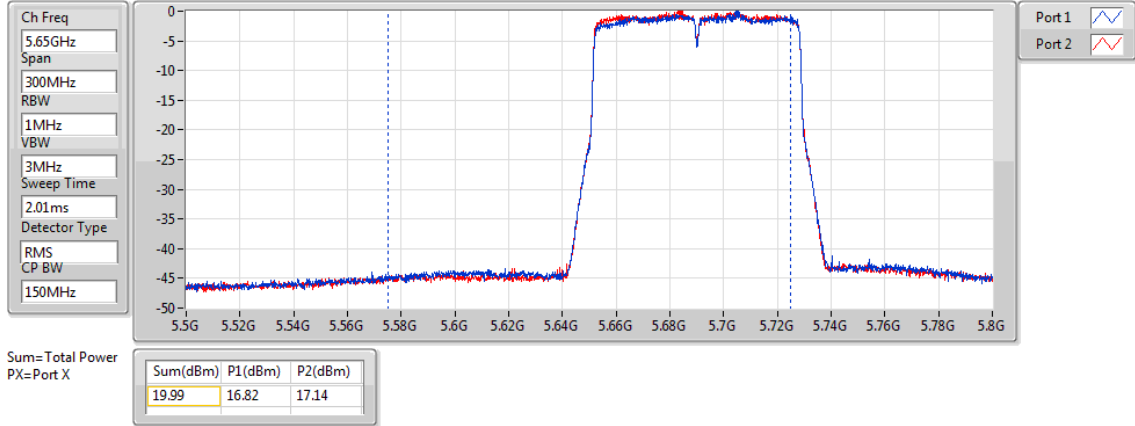




802.11ac VHT80_Nss1,(MCS0)_2TX

AV Power

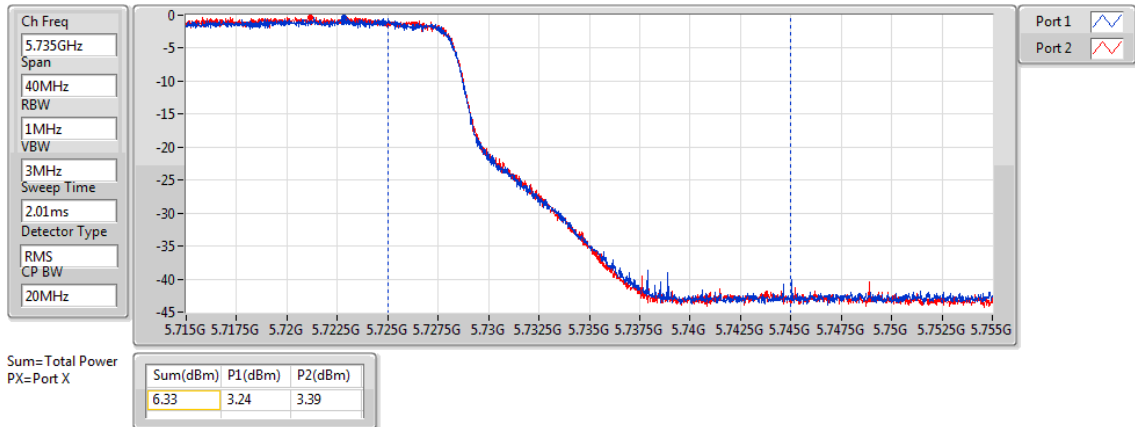
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz



**<For Beamforming Mode>****Summary**

Mode	Total Power (dBm)	Total Power (W)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	24.07	0.25527
5.25-5.35GHz	18.94	0.07834
5.47-5.725GHz	18.76	0.07516
5.725-5.85GHz	24.25	0.26607
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	24.17	0.26122
5.25-5.35GHz	18.91	0.07780
5.47-5.725GHz	18.96	0.07870
5.725-5.85GHz	24.21	0.26363
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	20.60	0.11482
5.25-5.35GHz	16.52	0.04487
5.47-5.725GHz	18.91	0.07780
5.725-5.85GHz	24.03	0.25293

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	11.00	20.86	20.78	23.83	25.00
5200MHz	Pass	11.00	20.93	20.98	23.97	25.00
5240MHz	Pass	11.00	20.87	21.25	24.07	25.00
5260MHz	Pass	11.00	16.19	15.66	18.94	18.98
5300MHz	Pass	11.00	16.19	15.40	18.82	18.96
5320MHz	Pass	11.00	15.86	15.39	18.64	18.95
5500MHz	Pass	11.00	15.70	15.62	18.67	18.98
5580MHz	Pass	11.00	15.63	15.71	18.68	18.98
5700MHz	Pass	11.00	15.80	15.70	18.76	18.98
5720MHz Straddle 5.47-5.725GHz	Pass	11.00	14.51	14.55	17.54	17.79
5720MHz Straddle 5.725-5.85GHz	Pass	11.00	8.65	8.59	11.63	25.00
5745MHz	Pass	11.00	20.88	21.01	23.96	25.00
5785MHz	Pass	11.00	20.94	20.92	23.94	25.00
5825MHz	Pass	11.00	21.08	21.40	24.25	25.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	11.00	18.68	18.49	21.60	25.00
5230MHz	Pass	11.00	21.18	21.13	24.17	25.00
5270MHz	Pass	11.00	16.02	15.77	18.91	18.98
5310MHz	Pass	11.00	15.83	15.92	18.89	18.98
5510MHz	Pass	11.00	15.84	15.75	18.81	18.98
5550MHz	Pass	11.00	15.64	15.82	18.74	18.98
5670MHz	Pass	11.00	16.24	15.55	18.92	18.98
5710MHz Straddle 5.47-5.725GHz	Pass	11.00	16.00	15.90	18.96	18.98
5710MHz Straddle 5.725-5.85GHz	Pass	11.00	5.03	5.00	8.03	25.00
5755MHz	Pass	11.00	20.96	21.08	24.03	25.00
5795MHz	Pass	11.00	21.22	21.18	24.21	25.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	11.00	17.62	17.55	20.60	25.00
5290MHz	Pass	11.00	13.68	13.34	16.52	18.98
5530MHz	Pass	11.00	15.91	15.73	18.83	18.98
5610MHz	Pass	11.00	15.99	15.80	18.91	18.98
5690MHz Straddle 5.47-5.725GHz	Pass	11.00	16.07	15.62	18.86	18.98
5690MHz Straddle 5.725-5.85GHz	Pass	11.00	2.19	1.55	4.89	25.00
5775MHz	Pass	11.00	20.92	21.12	24.03	25.00

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