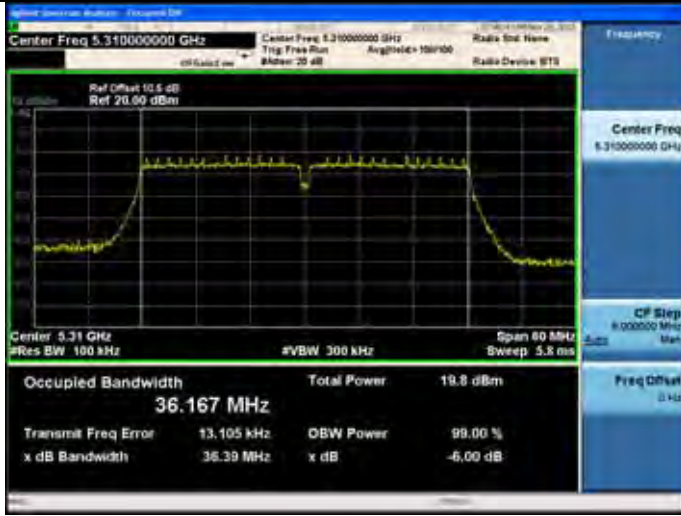
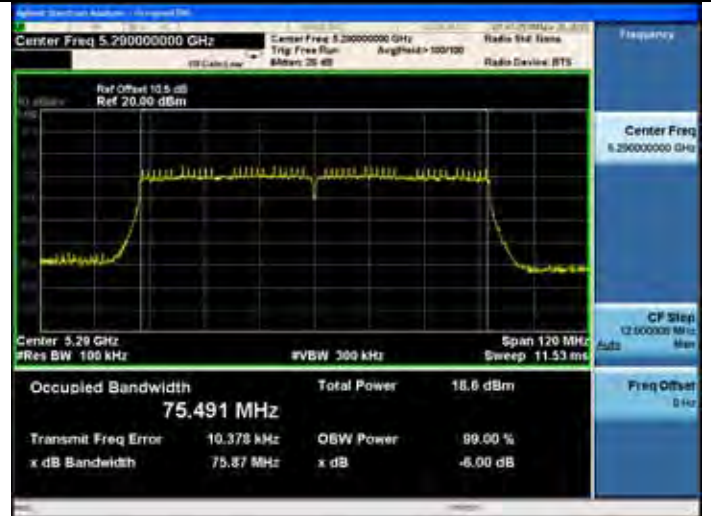


<p>11n HT40 5270MHz</p> <p>Center Freq 5.27000000 GHz</p> <p>Center Freq 5.27000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.27 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 60 MHz</p> <p>Sweep 5.8 ms</p> <p>Occupied Bandwidth 36.175 MHz</p> <p>Total Power 19.8 dBm</p> <p>Transmit Freq Error 9.667 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 36.38 MHz</p> <p>x dB -6.00 dB</p>	<p>5300MHz</p> <p>Center Freq 5.30000000 GHz</p> <p>Center Freq 5.30000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.3 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 30 MHz</p> <p>Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.753 MHz</p> <p>Total Power 19.0 dBm</p> <p>Transmit Freq Error 11.978 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 17.60 MHz</p> <p>x dB -6.00 dB</p>
<p>5310MHz</p> <p>Center Freq 5.31000000 GHz</p> <p>Center Freq 5.31000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.31 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 60 MHz</p> <p>Sweep 5.8 ms</p> <p>Occupied Bandwidth 36.154 MHz</p> <p>Total Power 19.7 dBm</p> <p>Transmit Freq Error 12.333 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 36.36 MHz</p> <p>x dB -6.00 dB</p>	<p>5320MHz</p> <p>Center Freq 5.32000000 GHz</p> <p>Center Freq 5.32000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.32 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 30 MHz</p> <p>Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.754 MHz</p> <p>Total Power 19.2 dBm</p> <p>Transmit Freq Error 11.084 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 17.61 MHz</p> <p>x dB -6.00 dB</p>
<p>11ac VHT20 5260MHz</p> <p>Center Freq 5.26000000 GHz</p> <p>Center Freq 5.26000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.26 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 30 MHz</p> <p>Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.747 MHz</p> <p>Total Power 18.7 dBm</p> <p>Transmit Freq Error 11.886 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 17.59 MHz</p> <p>x dB -6.00 dB</p>	<p>11ac VHT40 5270MHz</p> <p>Center Freq 5.27000000 GHz</p> <p>Center Freq 5.27000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.27 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 60 MHz</p> <p>Sweep 5.8 ms</p> <p>Occupied Bandwidth 36.152 MHz</p> <p>Total Power 19.7 dBm</p> <p>Transmit Freq Error 22.581 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 36.38 MHz</p> <p>x dB -6.00 dB</p>

5310MHz



11ac VHT80
5290MHz



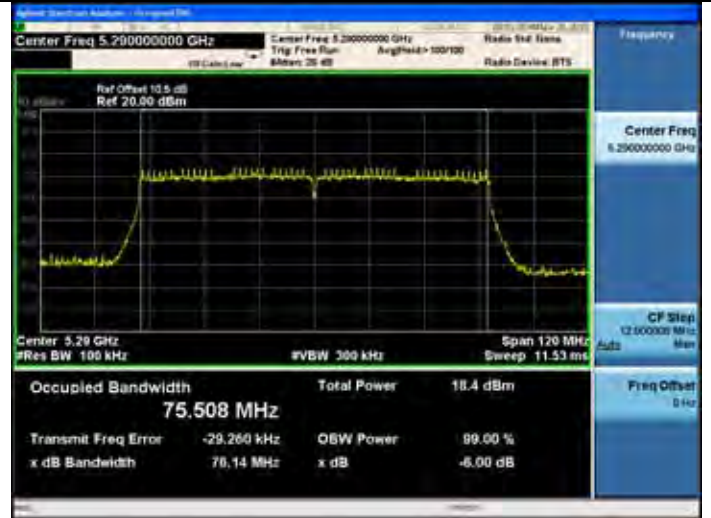
5260-5320MHz Band: 6dB bandwidth ANT 1	
11a 5260MHz	11n HT20 5260MHz
5300MHz	5300MHz
5320MHz	5320MHz

<p>11n HT40 5270MHz</p> <p>Center Freq 5.270000000 GHz</p> <p>Center Freq 5.270000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.27 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 60 MHz</p> <p>Sweep 5.8 ms</p> <p>Occupied Bandwidth 36.184 MHz</p> <p>Total Power 19.5 dBm</p> <p>Transmit Freq Error -2.620 kHz</p> <p>x dB Bandwidth 36.40 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -6.00 dB</p>	<p>5300MHz</p> <p>Center Freq 5.300000000 GHz</p> <p>Center Freq 5.300000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.3 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 30 MHz</p> <p>Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.739 MHz</p> <p>Total Power 18.4 dBm</p> <p>Transmit Freq Error 1.980 kHz</p> <p>x dB Bandwidth 17.63 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -6.00 dB</p>
<p>5310MHz</p> <p>Center Freq 5.310000000 GHz</p> <p>Center Freq 5.310000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.31 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 60 MHz</p> <p>Sweep 5.8 ms</p> <p>Occupied Bandwidth 36.184 MHz</p> <p>Total Power 19.5 dBm</p> <p>Transmit Freq Error 5.418 kHz</p> <p>x dB Bandwidth 36.40 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -6.00 dB</p>	<p>5320MHz</p> <p>Center Freq 5.320000000 GHz</p> <p>Center Freq 5.320000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.32 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 30 MHz</p> <p>Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.751 MHz</p> <p>Total Power 18.9 dBm</p> <p>Transmit Freq Error 7.237 kHz</p> <p>x dB Bandwidth 17.67 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -6.00 dB</p>
<p>11ac VHT20 5260MHz</p> <p>Center Freq 5.260000000 GHz</p> <p>Center Freq 5.260000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.26 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 30 MHz</p> <p>Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.747 MHz</p> <p>Total Power 18.6 dBm</p> <p>Transmit Freq Error 11.354 kHz</p> <p>x dB Bandwidth 17.63 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -6.00 dB</p>	<p>11ac VHT40 5270MHz</p> <p>Center Freq 5.270000000 GHz</p> <p>Center Freq 5.270000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.27 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 60 MHz</p> <p>Sweep 5.8 ms</p> <p>Occupied Bandwidth 36.194 MHz</p> <p>Total Power 19.1 dBm</p> <p>Transmit Freq Error 2.868 kHz</p> <p>x dB Bandwidth 36.41 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -6.00 dB</p>

5310MHz



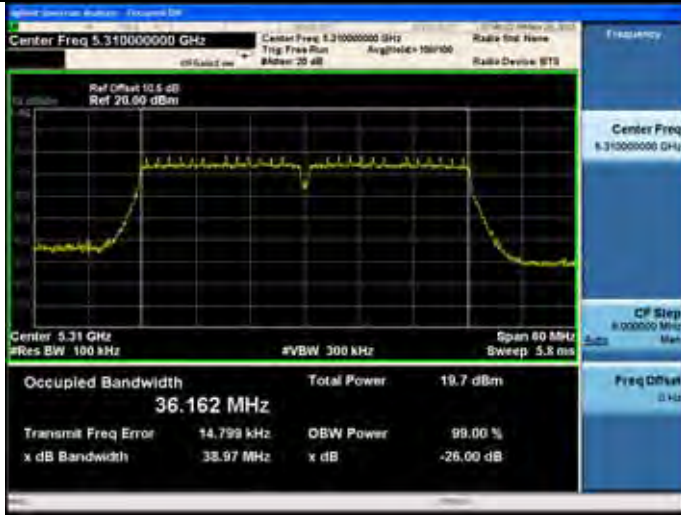
11ac VHT80
5290MHz



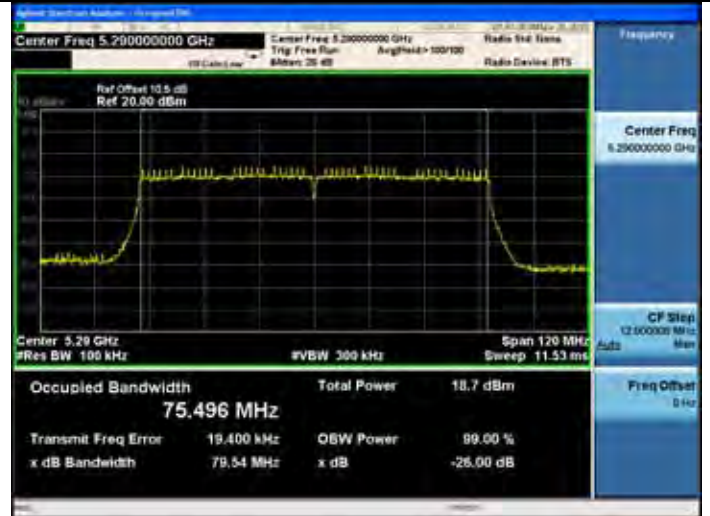
5260-5320MHz Band: 26dB bandwidth ANT 0	
11a 5260MHz	11n HT20 5260MHz
5300MHz	5300MHz
5320MHz	5320MHz

<p>11n HT40 5270MHz</p>	<p>5300MHz</p>
<p>Center Freq 5.27000000 GHz</p> <p>Center Freq 5.27000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.27 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 60 MHz</p> <p>Sweep 5.8 ms</p> <p>Occupied Bandwidth 36.178 MHz</p> <p>Total Power 19.5 dBm</p> <p>Transmit Freq Error 10.739 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 39.10 MHz</p> <p>x dB -26.00 dB</p>	<p>Center Freq 5.30000000 GHz</p> <p>Center Freq 5.30000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.3 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 30 MHz</p> <p>Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.755 MHz</p> <p>Total Power 19.1 dBm</p> <p>Transmit Freq Error 11.917 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 21.37 MHz</p> <p>x dB -26.00 dB</p>
<p>5310MHz</p>	<p>5320MHz</p>
<p>11ac VHT20 5260MHz</p>	<p>11ac VHT40 5270MHz</p>
<p>Center Freq 5.26000000 GHz</p> <p>Center Freq 5.26000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.26 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 30 MHz</p> <p>Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.740 MHz</p> <p>Total Power 18.4 dBm</p> <p>Transmit Freq Error 14.203 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 21.24 MHz</p> <p>x dB -26.00 dB</p>	<p>Center Freq 5.27000000 GHz</p> <p>Center Freq 5.27000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.27 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 60 MHz</p> <p>Sweep 5.8 ms</p> <p>Occupied Bandwidth 36.148 MHz</p> <p>Total Power 19.8 dBm</p> <p>Transmit Freq Error 26.517 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 39.20 MHz</p> <p>x dB -26.00 dB</p>

5310MHz



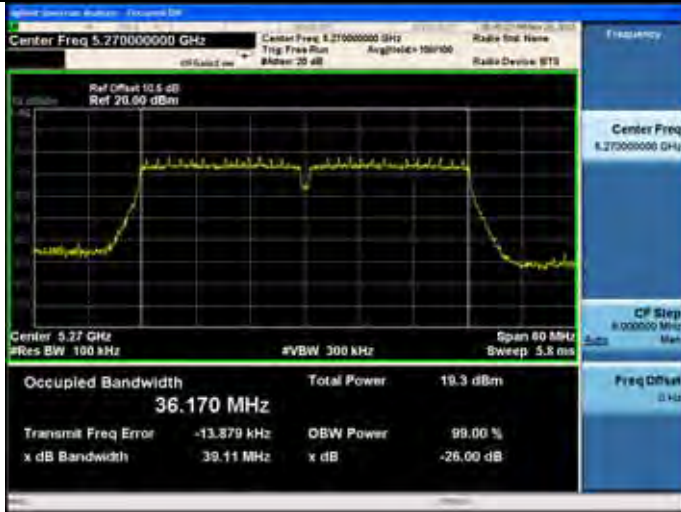
11ac VHT80
5290MHz



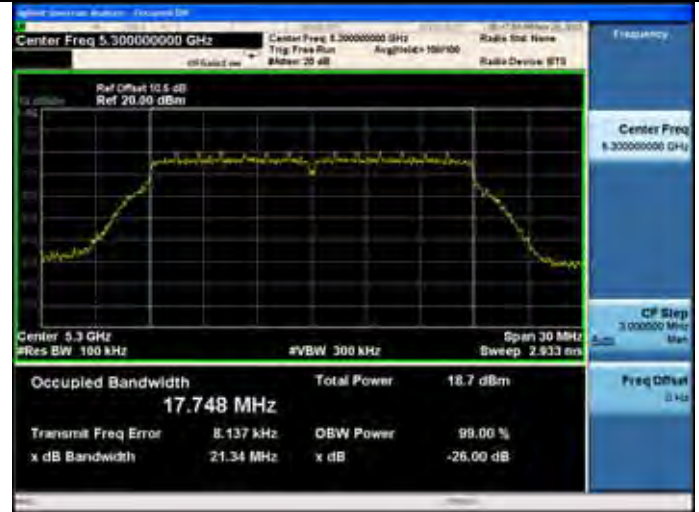
5260-5320MHz Band: 26dB bandwidth ANT 1	
11a 5260MHz	11n HT20 5260MHz
5300MHz	5300MHz
5320MHz	5320MHz

11n HT40

5270MHz



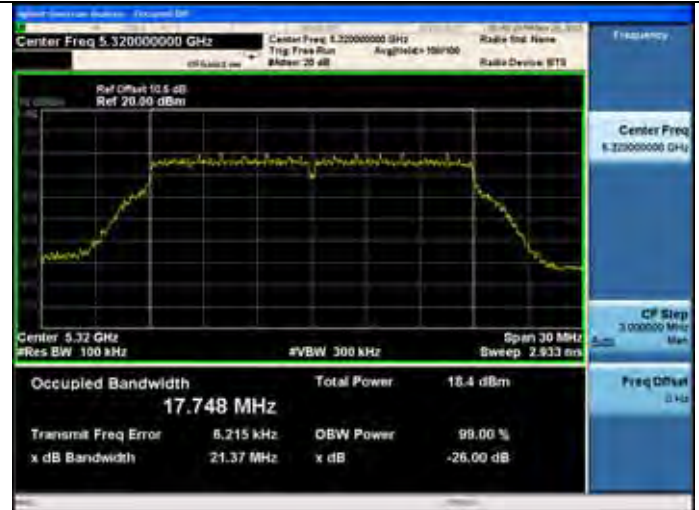
5300MHz



5310MHz

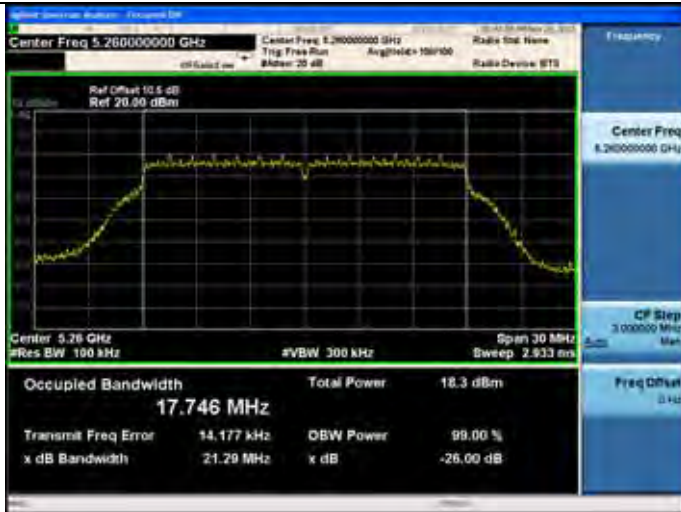


5320MHz



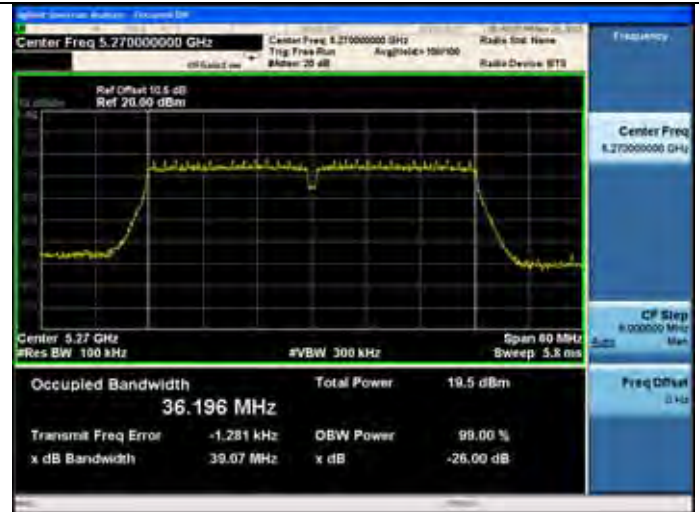
11ac VHT20

5260MHz

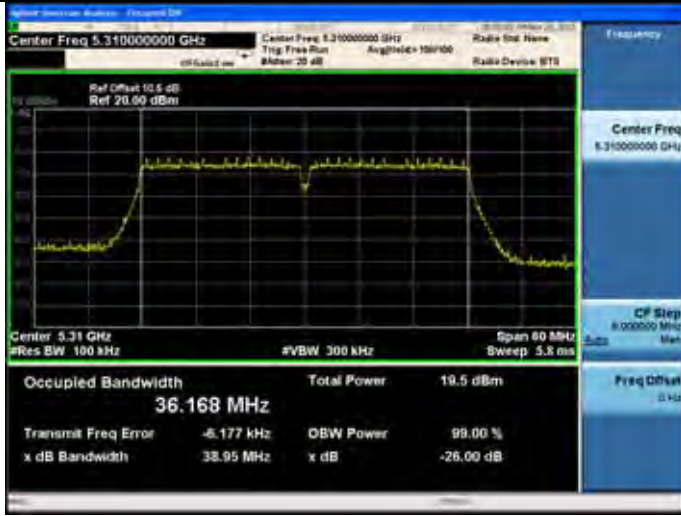


11ac VHT40

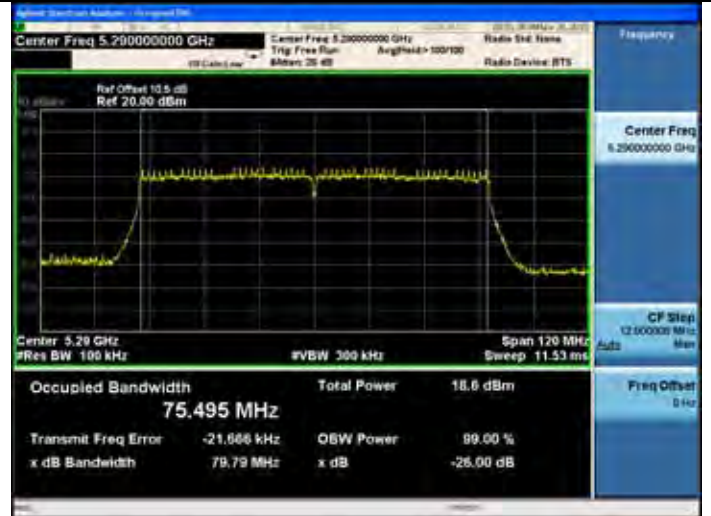
5270MHz



5310MHz



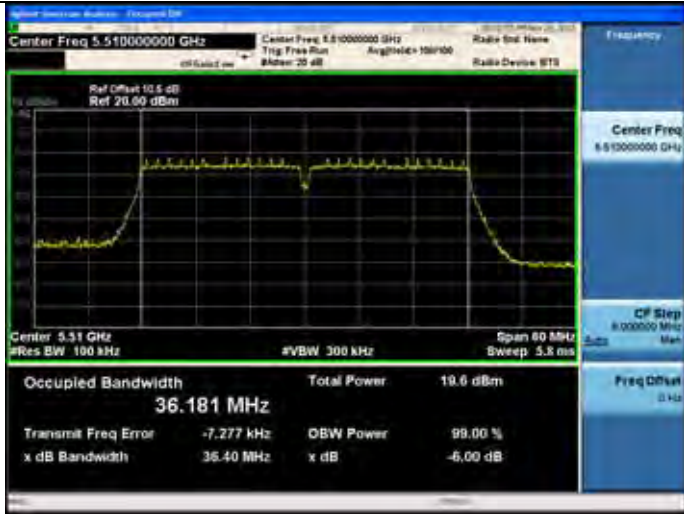
11ac VHT80
5290MHz



5500-5700MHz Band:	
6dB bandwidth	
ANT 0	
11a	11n HT20
5500MHz	5500MHz
<p>Center Freq 5.500000000 GHz</p> <p>Center Freq 5.500000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.500000000 GHz</p> <p>Center 5.5 GHz</p> <p>#Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 30 MHz</p> <p>Sweep 2.933 ms</p> <p>CF Step 3.000000 MHz</p> <p>Man</p> <p>Occupied Bandwidth 16.573 MHz</p> <p>Total Power 19.0 dBm</p> <p>Transmit Freq Error 4.480 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 16.39 MHz</p> <p>x dB -6.00 dB</p>	<p>Center Freq 5.500000000 GHz</p> <p>Center Freq 5.500000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.500000000 GHz</p> <p>Center 5.5 GHz</p> <p>#Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 30 MHz</p> <p>Sweep 2.933 ms</p> <p>CF Step 3.000000 MHz</p> <p>Man</p> <p>Occupied Bandwidth 17.745 MHz</p> <p>Total Power 18.7 dBm</p> <p>Transmit Freq Error 11.165 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 17.61 MHz</p> <p>x dB -6.00 dB</p>
5600MHz	5600MHz
<p>Center Freq 5.600000000 GHz</p> <p>Center Freq 5.600000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.600000000 GHz</p> <p>Center 5.6 GHz</p> <p>#Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 30 MHz</p> <p>Sweep 2.933 ms</p> <p>CF Step 3.000000 MHz</p> <p>Man</p> <p>Occupied Bandwidth 16.556 MHz</p> <p>Total Power 18.2 dBm</p> <p>Transmit Freq Error 8.742 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 16.39 MHz</p> <p>x dB -6.00 dB</p>	<p>Center Freq 5.600000000 GHz</p> <p>Center Freq 5.600000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.600000000 GHz</p> <p>Center 5.6 GHz</p> <p>#Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 30 MHz</p> <p>Sweep 2.933 ms</p> <p>CF Step 3.000000 MHz</p> <p>Man</p> <p>Occupied Bandwidth 17.750 MHz</p> <p>Total Power 18.6 dBm</p> <p>Transmit Freq Error 3.639 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 17.63 MHz</p> <p>x dB -6.00 dB</p>
5700MHz	5700MHz
<p>Center Freq 5.700000000 GHz</p> <p>Center Freq 5.700000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.700000000 GHz</p> <p>Center 5.7 GHz</p> <p>#Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 30 MHz</p> <p>Sweep 2.933 ms</p> <p>CF Step 3.000000 MHz</p> <p>Man</p> <p>Occupied Bandwidth 16.560 MHz</p> <p>Total Power 17.8 dBm</p> <p>Transmit Freq Error 20.833 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 16.38 MHz</p> <p>x dB -6.00 dB</p>	<p>Center Freq 5.700000000 GHz</p> <p>Center Freq 5.700000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.700000000 GHz</p> <p>Center 5.7 GHz</p> <p>#Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 30 MHz</p> <p>Sweep 2.933 ms</p> <p>CF Step 3.000000 MHz</p> <p>Man</p> <p>Occupied Bandwidth 17.735 MHz</p> <p>Total Power 17.8 dBm</p> <p>Transmit Freq Error 4.890 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 17.64 MHz</p> <p>x dB -6.00 dB</p>

<p>11n HT40 5510MHz</p> <p>Center Freq 5.510000000 GHz</p> <p>Center Freq 5.510000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.51 GHz</p> <p>#Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 60 MHz</p> <p>Sweep 5.8 ms</p> <p>Occupied Bandwidth 36.182 MHz</p> <p>Total Power 19.8 dBm</p> <p>Transmit Freq Error -265 Hz</p> <p>x dB Bandwidth 36.40 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -6.00 dB</p>	<p>11ac VHT20 5500MHz</p> <p>Center Freq 5.500000000 GHz</p> <p>Center Freq 5.500000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.5 GHz</p> <p>#Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 30 MHz</p> <p>Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.724 MHz</p> <p>Total Power 18.5 dBm</p> <p>Transmit Freq Error -689 Hz</p> <p>x dB Bandwidth 17.61 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -6.00 dB</p>
<p>5590MHz</p> <p>Center Freq 5.590000000 GHz</p> <p>Center Freq 5.590000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.59 GHz</p> <p>#Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 60 MHz</p> <p>Sweep 5.8 ms</p> <p>Occupied Bandwidth 36.146 MHz</p> <p>Total Power 19.3 dBm</p> <p>Transmit Freq Error -749 Hz</p> <p>x dB Bandwidth 36.37 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -6.00 dB</p>	<p>5600MHz</p> <p>Center Freq 5.600000000 GHz</p> <p>Center Freq 5.600000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.6 GHz</p> <p>#Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 30 MHz</p> <p>Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.753 MHz</p> <p>Total Power 18.7 dBm</p> <p>Transmit Freq Error 6.188 kHz</p> <p>x dB Bandwidth 17.63 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -6.00 dB</p>
<p>5670MHz</p> <p>Center Freq 5.670000000 GHz</p> <p>Center Freq 5.670000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.67 GHz</p> <p>#Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 60 MHz</p> <p>Sweep 5.8 ms</p> <p>Occupied Bandwidth 36.187 MHz</p> <p>Total Power 18.9 dBm</p> <p>Transmit Freq Error 4.806 kHz</p> <p>x dB Bandwidth 36.41 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -6.00 dB</p>	<p>5700MHz</p> <p>Center Freq 5.700000000 GHz</p> <p>Center Freq 5.700000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.7 GHz</p> <p>#Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 30 MHz</p> <p>Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.749 MHz</p> <p>Total Power 17.6 dBm</p> <p>Transmit Freq Error 8.489 kHz</p> <p>x dB Bandwidth 17.61 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -6.00 dB</p>

11ac VHT40
5510MHz



5670MHz

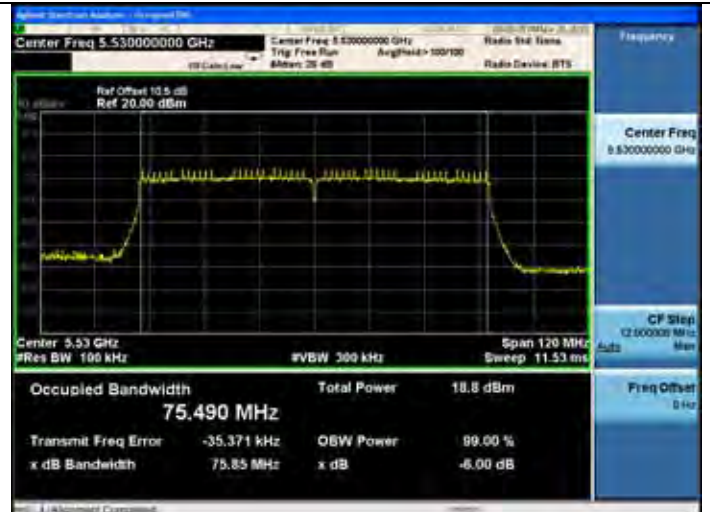


5590MHz



11ac VHT80

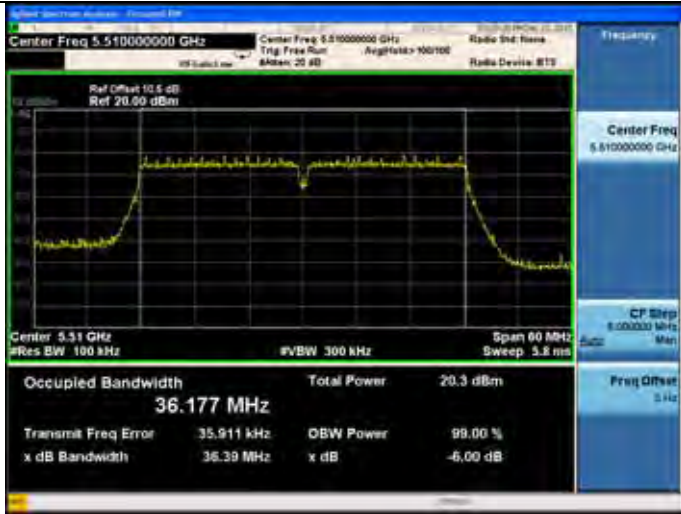
5530MHz



5500-5700MHz Band: 6dB bandwidth ANT 1	
11a 5500MHz	11n HT20 5500MHz
5600MHz	5600MHz
5700MHz	5700MHz



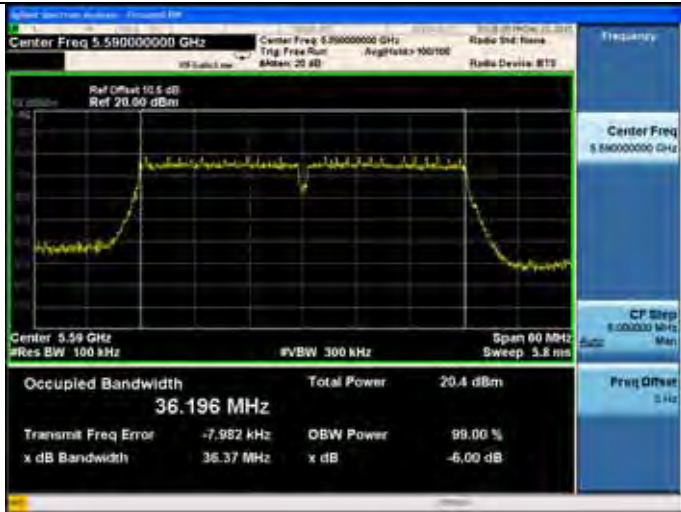
11ac VHT40
5510MHz



5670MHz

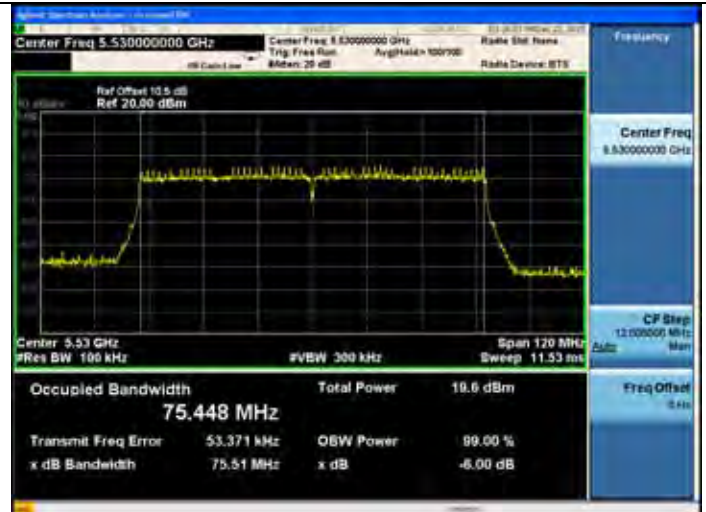


5590MHz



11ac VHT80

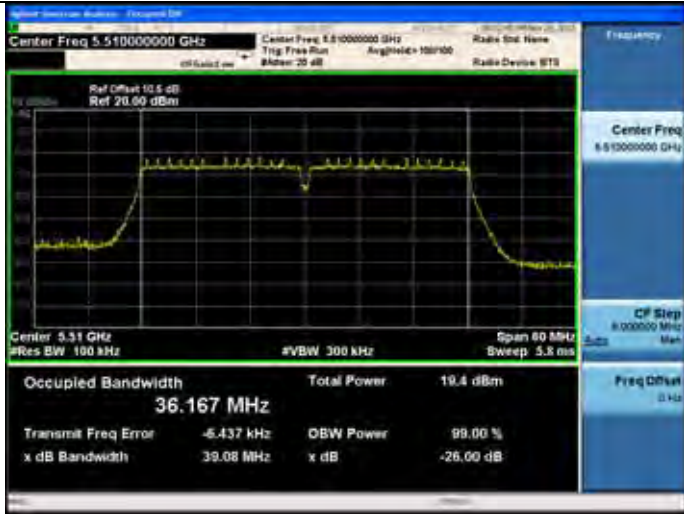
5530MHz



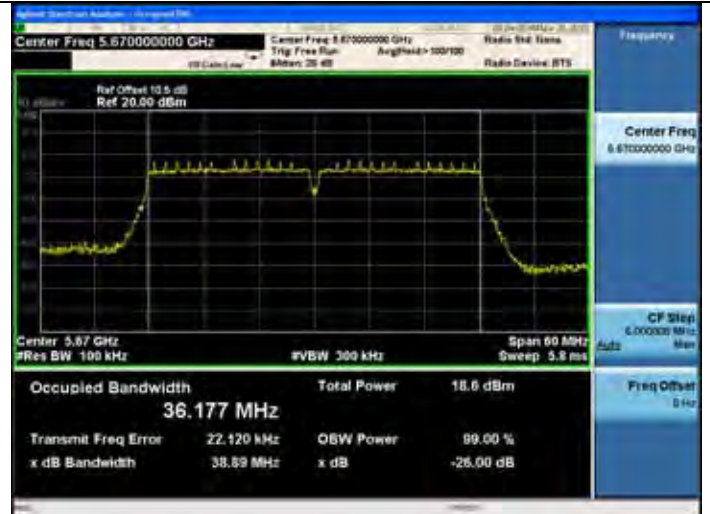
5500-5700MHz Band: 26dB bandwidth ANT 0	
11a 5500MHz	11n HT20 5500MHz
5600MHz	5600MHz
5700MHz	5700MHz

<p>11n HT40 5510MHz</p> <p>Center Freq 5.510000000 GHz</p> <p>Center Freq 5.510000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.51 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 60 MHz</p> <p>Sweep 5.8 ms</p> <p>Occupied Bandwidth 36.172 MHz</p> <p>Total Power 19.8 dBm</p> <p>Transmit Freq Error 3.606 kHz</p> <p>x dB Bandwidth 39.05 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -26.00 dB</p>	<p>11ac VHT20 5500MHz</p> <p>Center Freq 5.500000000 GHz</p> <p>Center Freq 5.500000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.5 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 30 MHz</p> <p>Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.740 MHz</p> <p>Total Power 18.9 dBm</p> <p>Transmit Freq Error 4.542 kHz</p> <p>x dB Bandwidth 21.28 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -26.00 dB</p>
<p>5590MHz</p> <p>Center Freq 5.590000000 GHz</p> <p>Center Freq 5.590000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.59 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 60 MHz</p> <p>Sweep 5.8 ms</p> <p>Occupied Bandwidth 36.151 MHz</p> <p>Total Power 19.5 dBm</p> <p>Transmit Freq Error -3.223 kHz</p> <p>x dB Bandwidth 33.99 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -26.00 dB</p>	<p>5600MHz</p> <p>Center Freq 5.600000000 GHz</p> <p>Center Freq 5.600000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.6 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 30 MHz</p> <p>Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.743 MHz</p> <p>Total Power 18.5 dBm</p> <p>Transmit Freq Error 8.063 kHz</p> <p>x dB Bandwidth 21.22 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -26.00 dB</p>
<p>5670MHz</p> <p>Center Freq 5.670000000 GHz</p> <p>Center Freq 5.670000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.67 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 60 MHz</p> <p>Sweep 5.8 ms</p> <p>Occupied Bandwidth 36.174 MHz</p> <p>Total Power 18.6 dBm</p> <p>Transmit Freq Error 25.186 kHz</p> <p>x dB Bandwidth 38.99 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -26.00 dB</p>	<p>5700MHz</p> <p>Center Freq 5.700000000 GHz</p> <p>Center Freq 5.700000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.7 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 30 MHz</p> <p>Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.754 MHz</p> <p>Total Power 18.1 dBm</p> <p>Transmit Freq Error 13.017 kHz</p> <p>x dB Bandwidth 21.33 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -26.00 dB</p>

11ac VHT40
5510MHz



5670MHz

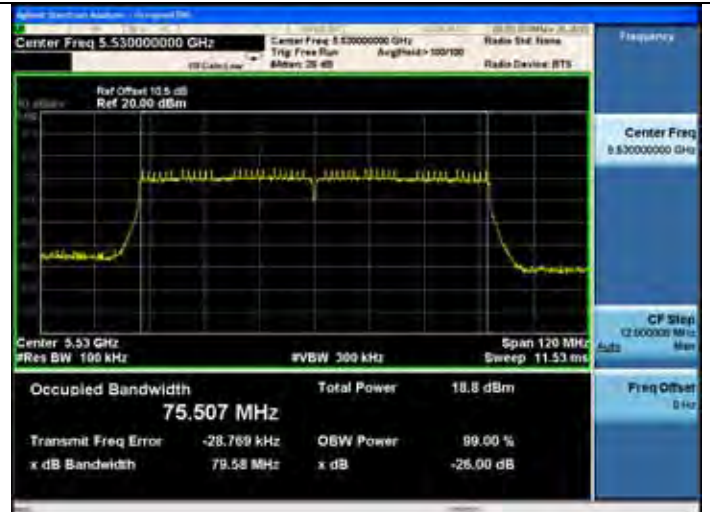


5590MHz



11ac VHT80

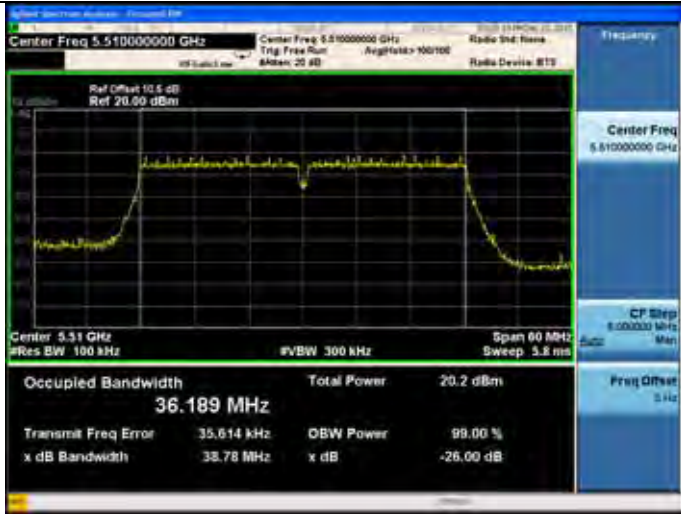
5530MHz



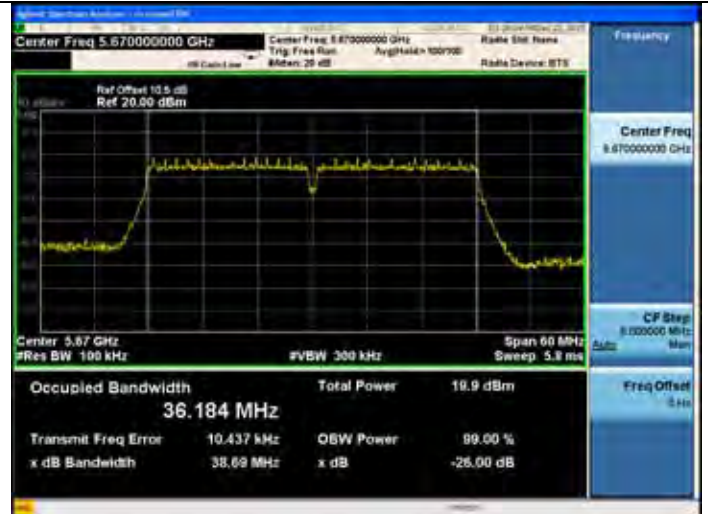
5500-5700MHz Band: 26dB bandwidth ANT 1	
11a 5500MHz	11n HT20 5500MHz
5600MHz	5600MHz
5700MHz	5700MHz



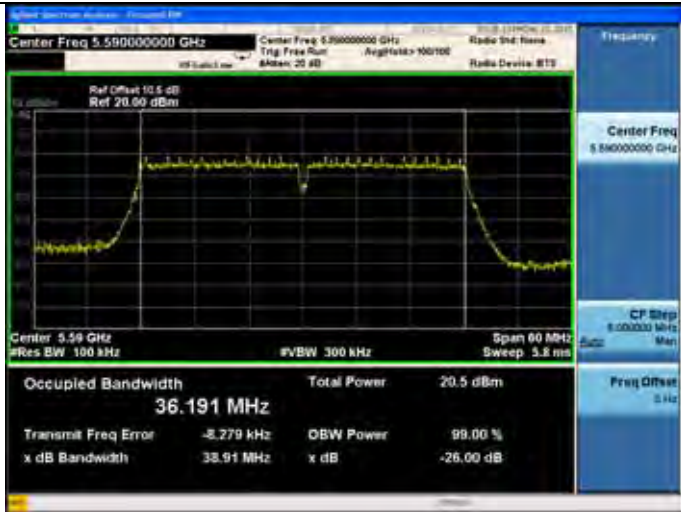
11ac VHT40
5510MHz



5670MHz

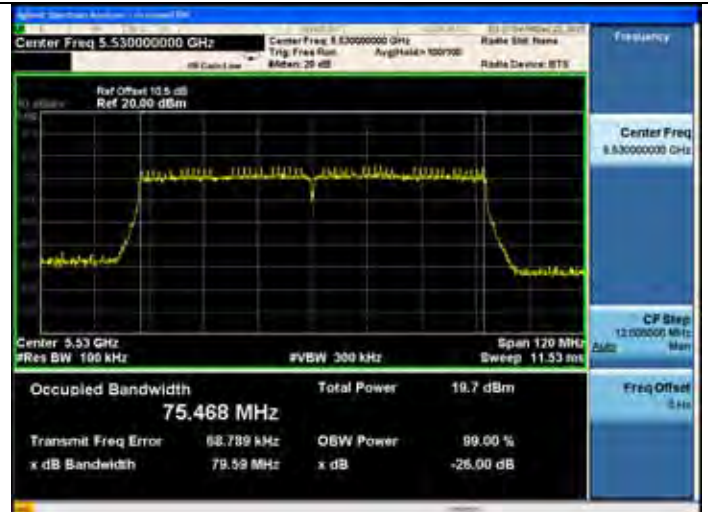


5590MHz



11ac VHT80

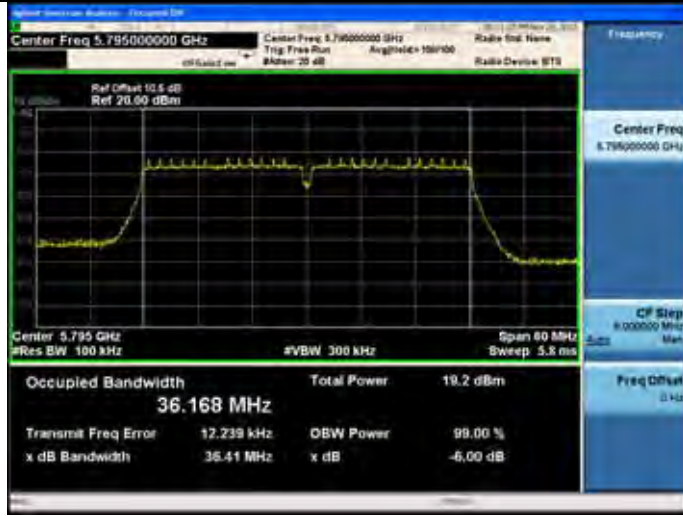
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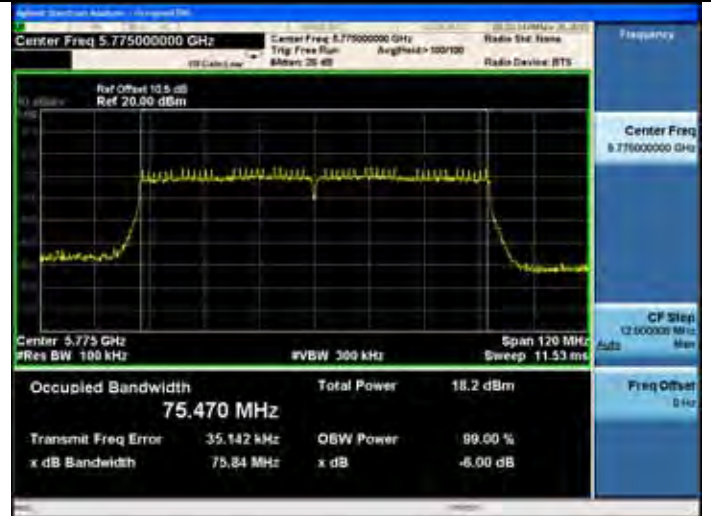
5745-5825MHz Band: 6dB bandwidth ANT 0	
11a 5745MHz	11n HT20 5745MHz
<p>Center Freq 5.745 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 16.556 MHz Total Power 18.4 dBm</p> <p>Transmit Freq Error -4.697 kHz x dB Bandwidth 16.38 MHz</p> <p>OBW Power 99.00 % x dB -6.00 dB</p>	<p>Center Freq 5.745 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.752 MHz Total Power 18.6 dBm</p> <p>Transmit Freq Error 14.398 kHz x dB Bandwidth 17.61 MHz</p> <p>OBW Power 99.00 % x dB -6.00 dB</p>
5785MHz	5785MHz
<p>Center Freq 5.785 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 16.563 MHz Total Power 17.7 dBm</p> <p>Transmit Freq Error 5.883 kHz x dB Bandwidth 16.36 MHz</p> <p>OBW Power 99.00 % x dB -6.00 dB</p>	<p>Center Freq 5.785 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.754 MHz Total Power 18.2 dBm</p> <p>Transmit Freq Error 9.273 kHz x dB Bandwidth 17.64 MHz</p> <p>OBW Power 99.00 % x dB -6.00 dB</p>
5825MHz	5825MHz
<p>Center Freq 5.825 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 16.567 MHz Total Power 18.1 dBm</p> <p>Transmit Freq Error 9.267 kHz x dB Bandwidth 16.38 MHz</p> <p>OBW Power 99.00 % x dB -6.00 dB</p>	<p>Center Freq 5.825 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.761 MHz Total Power 18.2 dBm</p> <p>Transmit Freq Error 8.736 kHz x dB Bandwidth 17.63 MHz</p> <p>OBW Power 99.00 % x dB -6.00 dB</p>

<p>11n HT40 5755MHz</p>	<p>5785MHz</p>
<p>Center Freq 5.755000000 GHz</p> <p>Center Freq 5.755000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.755 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 60 MHz</p> <p>Sweep 5.8 ms</p> <p>Occupied Bandwidth 36.153 MHz</p> <p>Total Power 19.4 dBm</p> <p>Transmit Freq Error 8.334 kHz</p> <p>x dB Bandwidth 36.39 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -6.00 dB</p>	<p>Center Freq 5.785000000 GHz</p> <p>Center Freq 5.785000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.785 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 30 MHz</p> <p>Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.767 MHz</p> <p>Total Power 18.0 dBm</p> <p>Transmit Freq Error 10.885 kHz</p> <p>x dB Bandwidth 17.62 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -6.00 dB</p>
<p>5795MHz</p>	<p>5825MHz</p>
<p>11ac VHT20</p>	<p>11ac VHT40</p>
<p>5745MHz</p>	<p>5755MHz</p>
<p>Center Freq 5.745000000 GHz</p> <p>Center Freq 5.745000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.745 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 30 MHz</p> <p>Sweep 2.933 ms</p> <p>Occupied Bandwidth 17.746 MHz</p> <p>Total Power 18.6 dBm</p> <p>Transmit Freq Error 9.750 kHz</p> <p>x dB Bandwidth 17.63 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -6.00 dB</p>	<p>Center Freq 5.755000000 GHz</p> <p>Center Freq 5.755000000 GHz</p> <p>Ref Offset 10.5 dB</p> <p>Ref 20.00 dBm</p> <p>Center Freq 5.755 GHz</p> <p>Res BW 100 kHz</p> <p>#VBW 300 kHz</p> <p>Span 60 MHz</p> <p>Sweep 5.8 ms</p> <p>Occupied Bandwidth 36.168 MHz</p> <p>Total Power 19.4 dBm</p> <p>Transmit Freq Error 24.848 kHz</p> <p>x dB Bandwidth 36.39 MHz</p> <p>OBW Power 99.00 %</p> <p>x dB -6.00 dB</p>

5795MHz



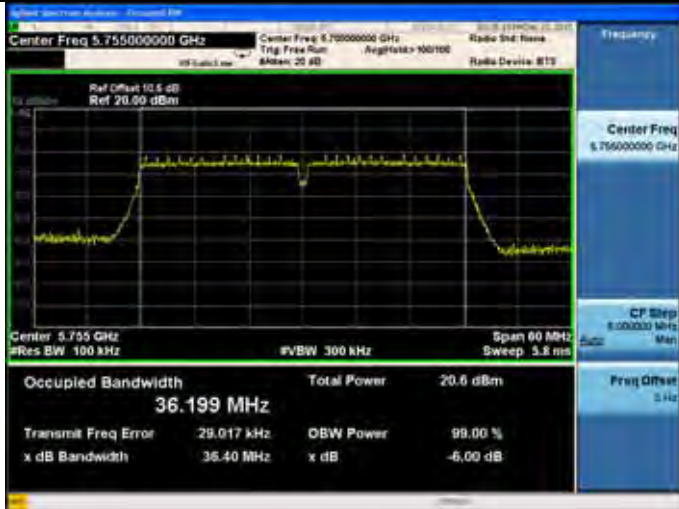
11ac VHT80
5775MHz



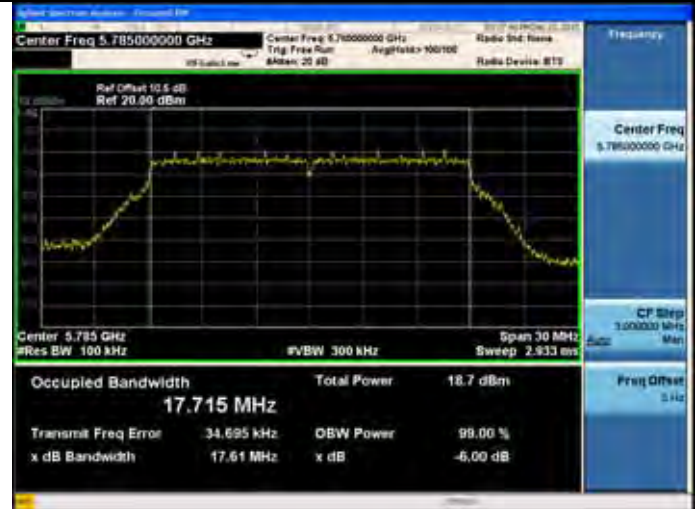
5745-5825MHz Band: 6dB bandwidth ANT 1	
11a 5745MHz	11n HT20 5745MHz
5785MHz	5785MHz
5825MHz	5825MHz

11n HT40

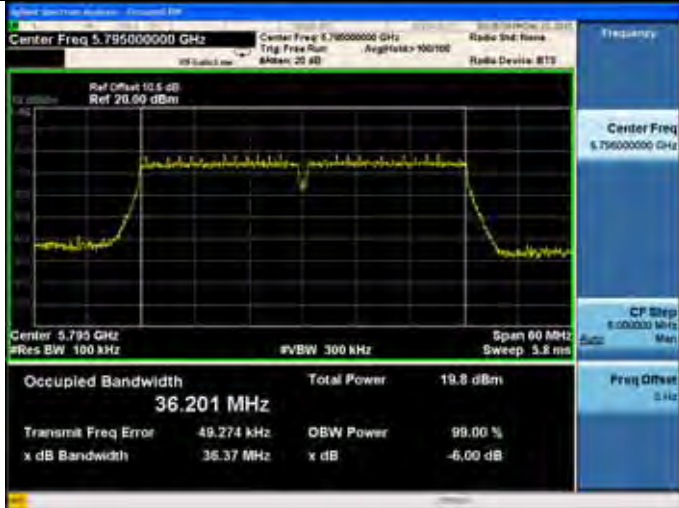
5755MHz



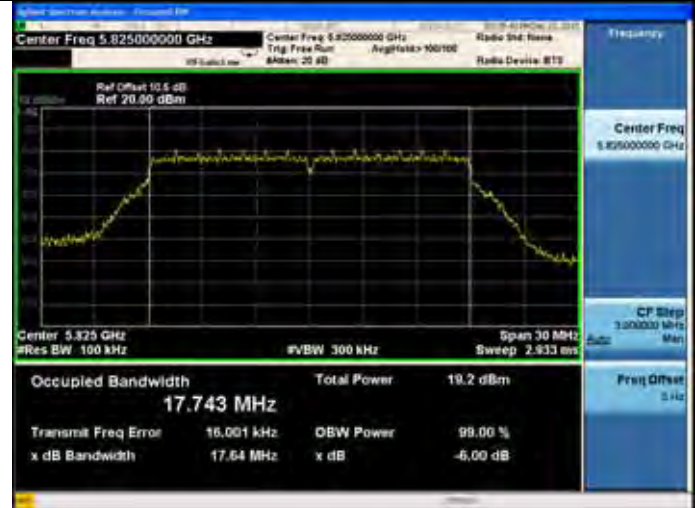
5785MHz



5795MHz

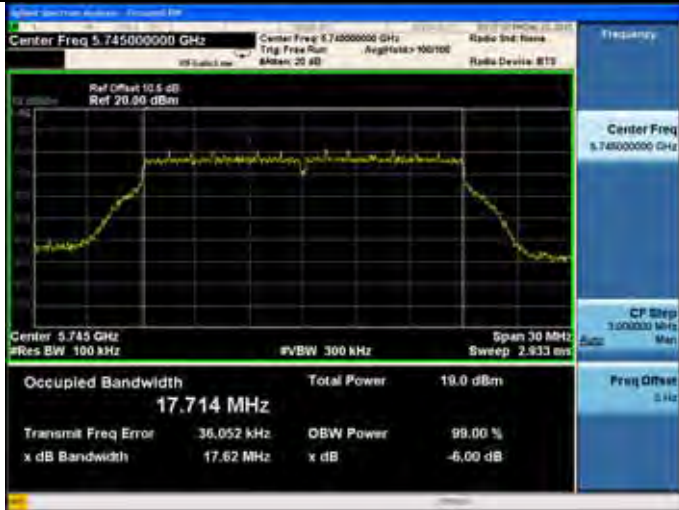


5825MHz



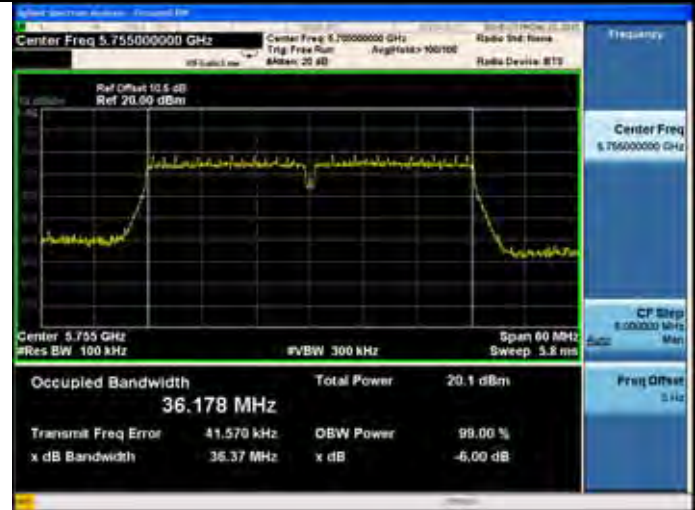
11ac VHT20

5745MHz



11ac VHT40

5755MHz

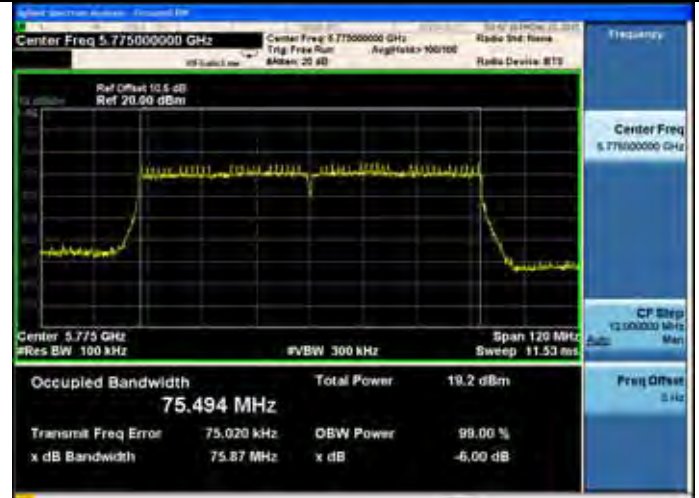


5795MHz



11ac VHT80

5775MHz



5745-5825MHz Band:

26dB bandwidth

ANT 0

11a

5745MHz

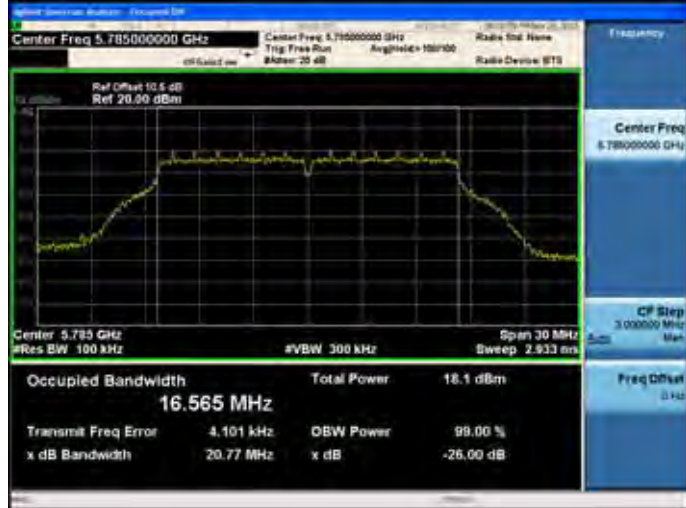


11n HT20

5745MHz



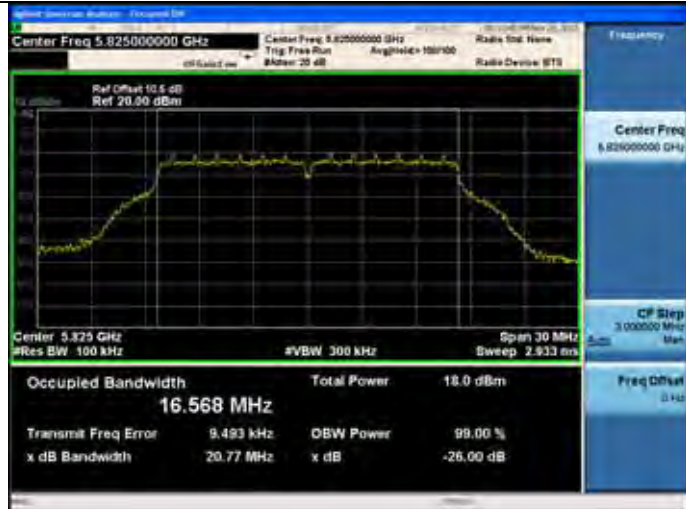
5785MHz



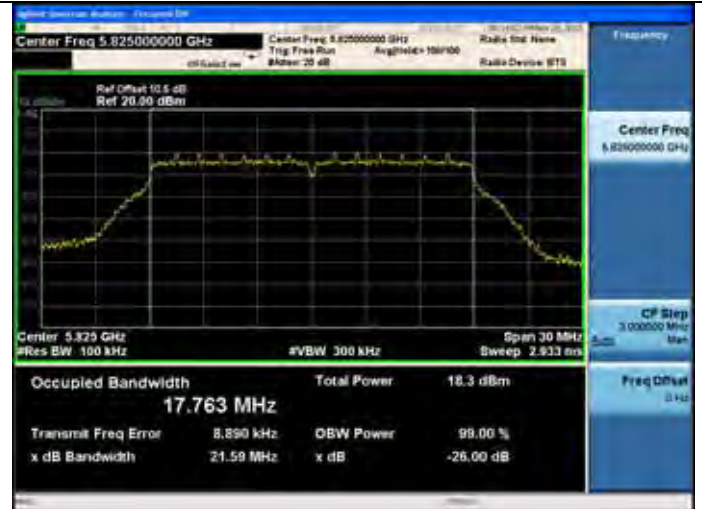
5785MHz



5825MHz

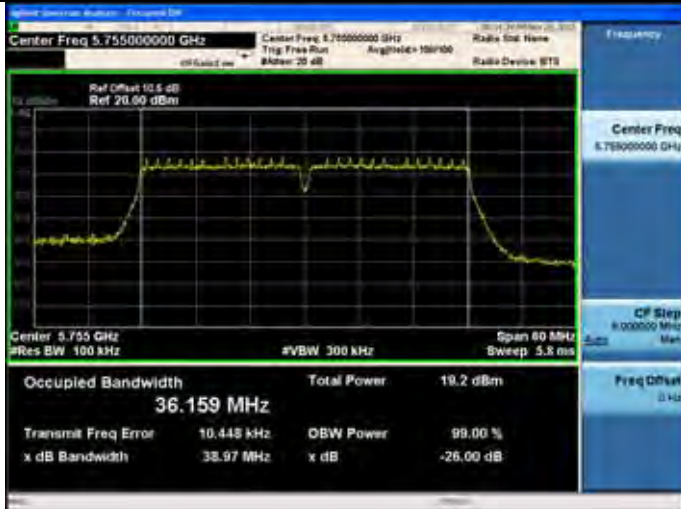


5825MHz

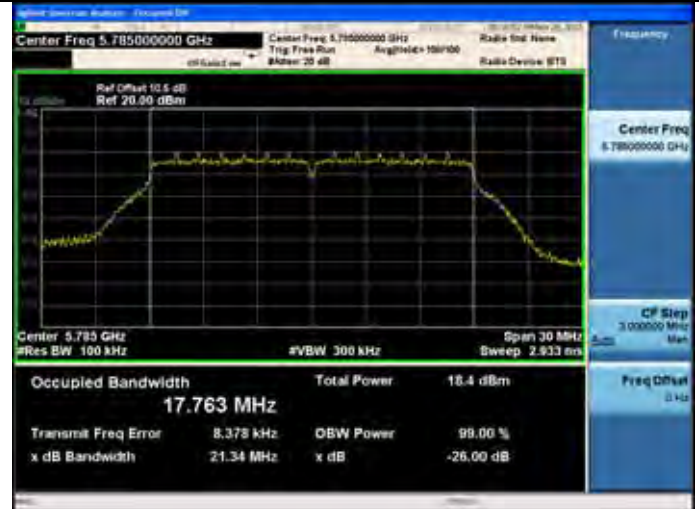


11n HT40

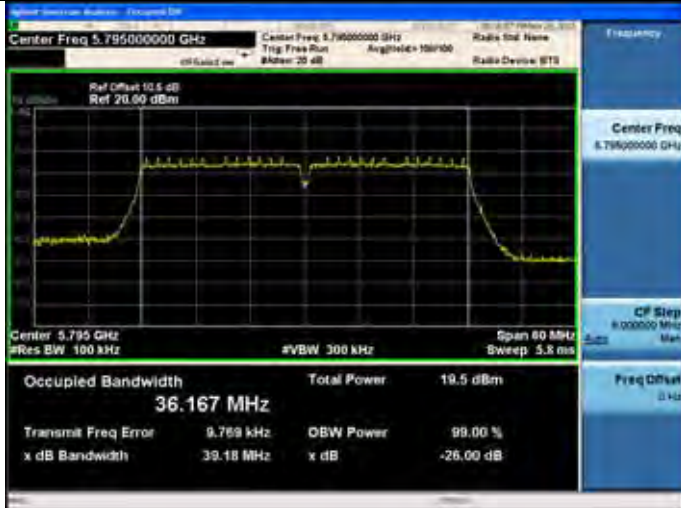
5755MHz



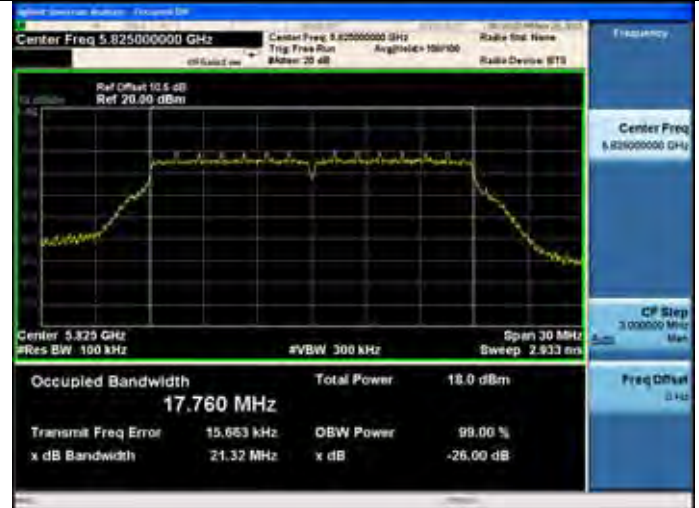
5785MHz



5795MHz

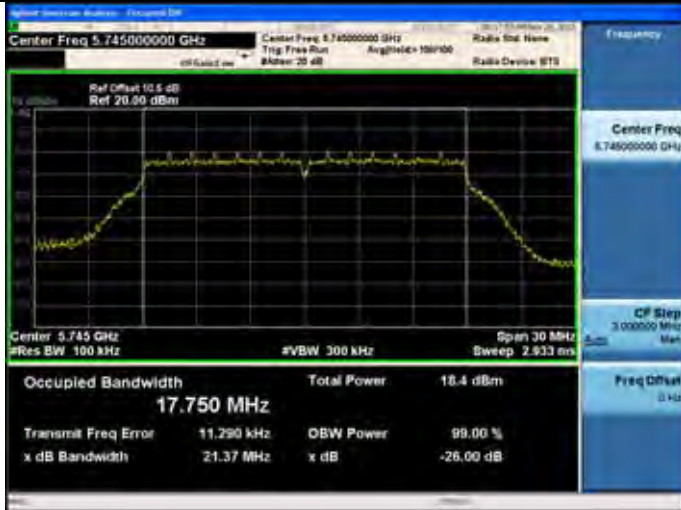


5825MHz



11ac VHT20

5745MHz

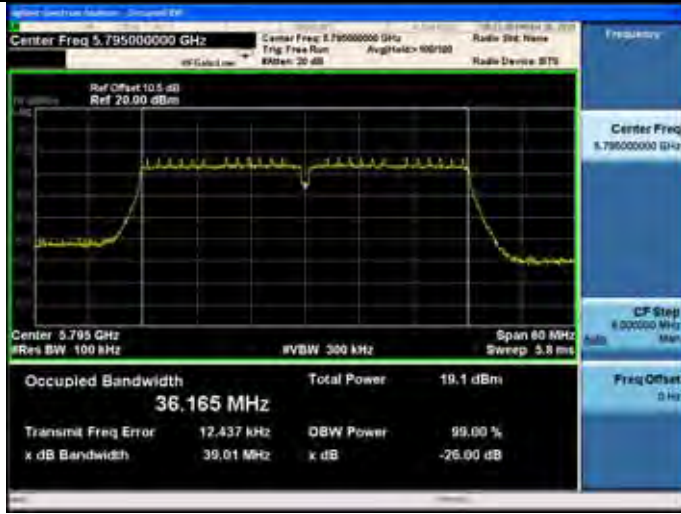


11ac VHT40

5755MHz

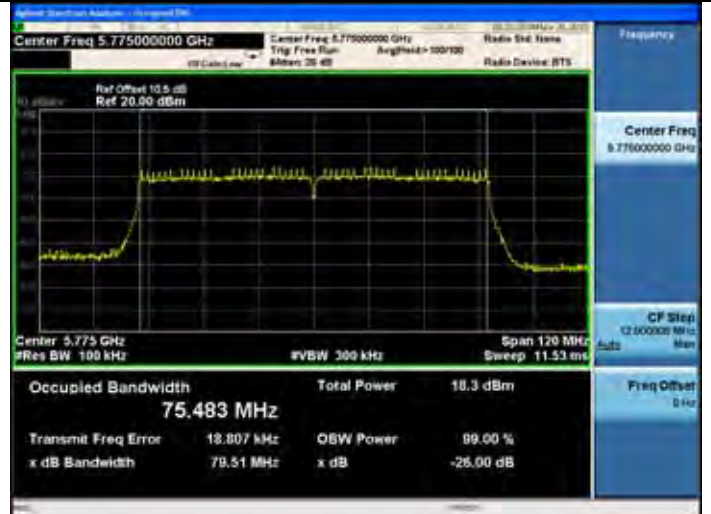


5795MHz



11ac VHT80

5775MHz



5745-5825MHz Band:

26dB bandwidth

ANT 1

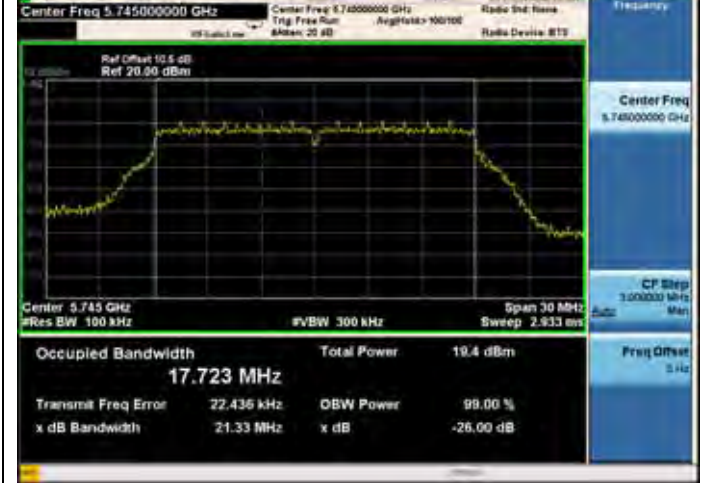
11a

5745MHz



11n HT20

5745MHz



5785MHz



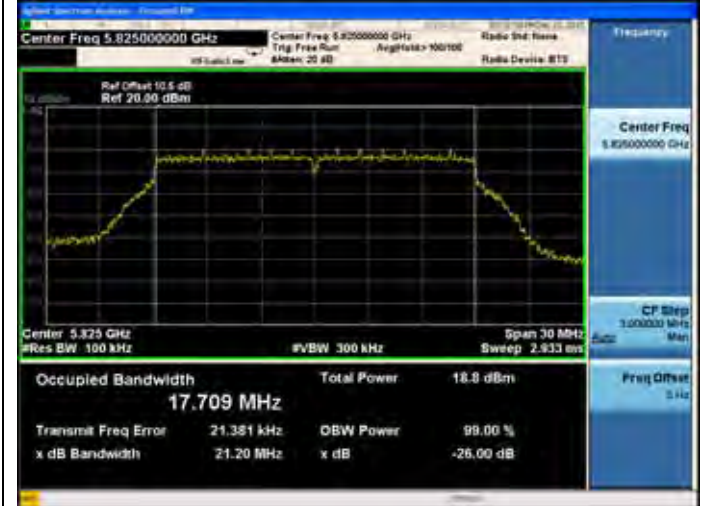
5785MHz



5825MHz

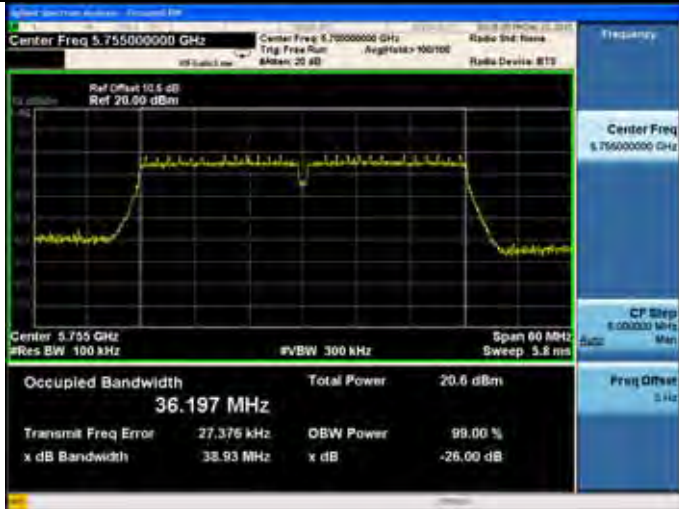


5825MHz

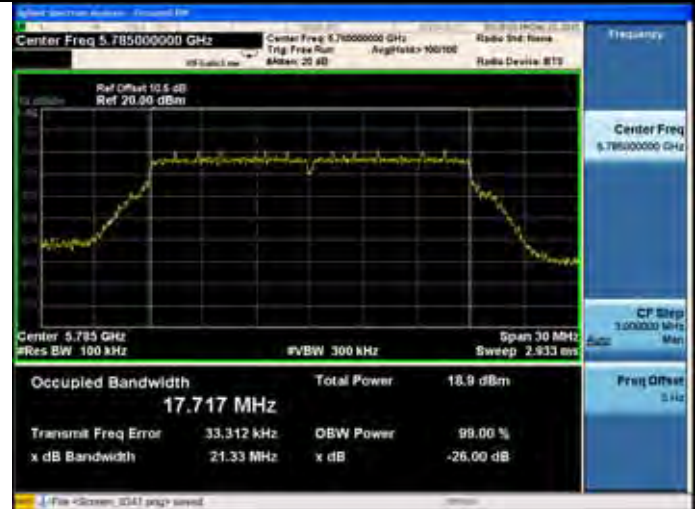


11n HT40

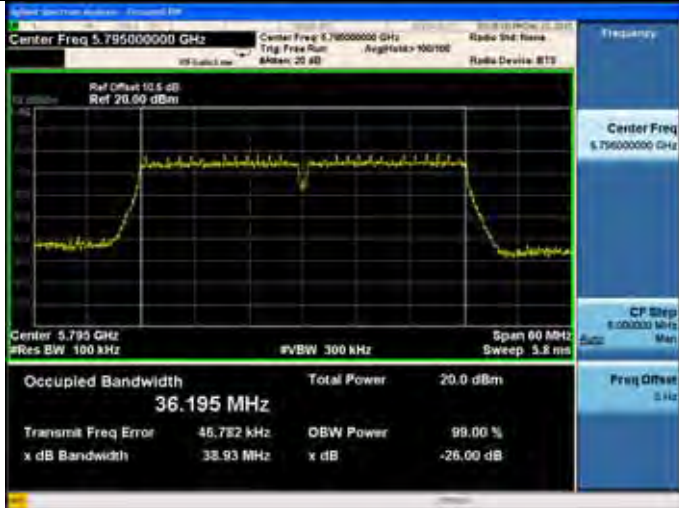
5755MHz



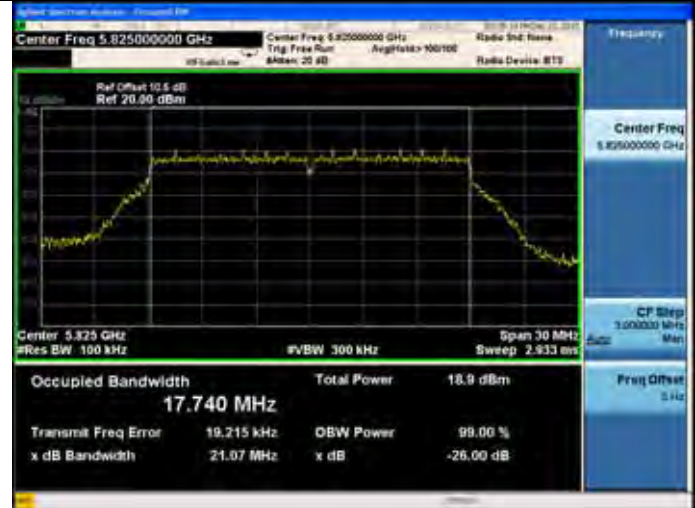
5785MHz



5795MHz

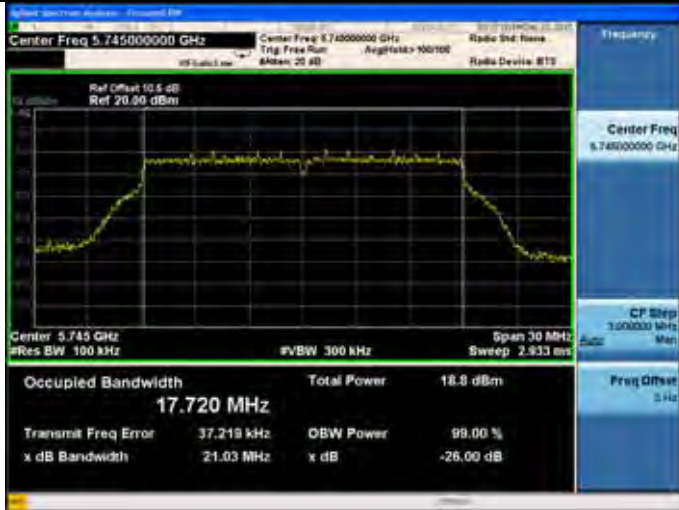


5825MHz



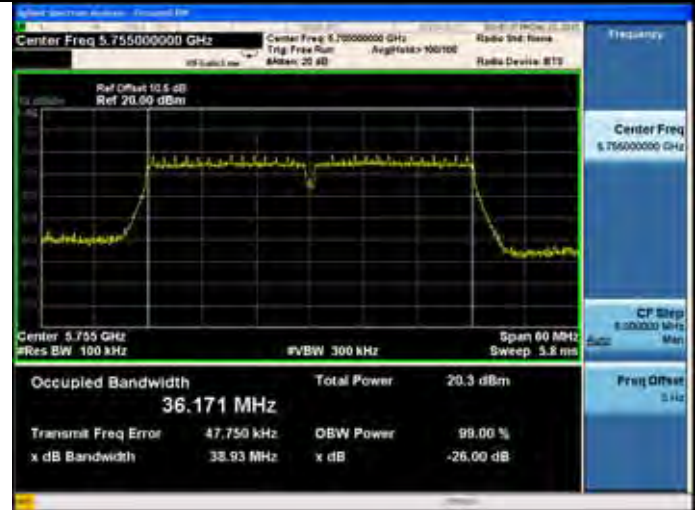
11ac VHT20

5745MHz



11ac VHT40

5755MHz

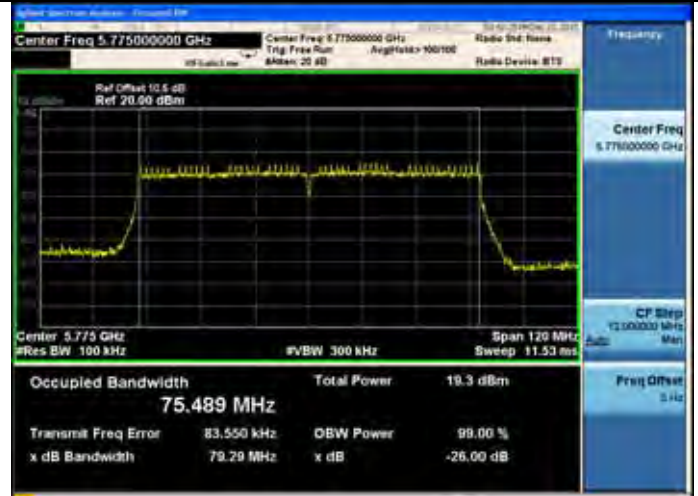


5795MHz



11ac VHT80

5775MHz



7. OUTPUT POWER TEST

7.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum	Agilent	N9030A	MY51380221	Oct.18,15	1Year
2.	Power meter	Anritsu	ML2487A	6K00002472	Apr.28, 15	1Year
3.	Power sensor	Anritsu	MA2491A	0033005	Apr.28, 15	1Year
4.	Attenuator (20dB)	Agilent	8491B	MY39262165	Apr.28, 15	1 Year
5.	RF Cable	Hubersuhner	SUCOFLEX102	28620/2	Apr.28, 15	1 Year

7.2. Limit

For the band 5.15–5.25 GHz.

For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi.

For the 5.25–5.35 GHz and 5.47–5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz.

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

7.3. Test Procedure

1. Connected the EUT's antenna port to measure device by 26dB attenuator.
2. For IEEE 802.11a and IEEE802.11n HT20 and 802.11ac VHT20 mode, use a PK power meter which's bandwidth is 20MHz and above 26dB bandwidth of signal to measure out each test modes' PK output power.
3. For IEEE802.11n HT40 mode, because the signal's bandwidth is about 40MHz and above 20MHz bandwidth of power sensor ML2491A. So use the test method described in KBD789033 clause E Method SA-1
 - 1) Connect the antenna port to the spectrum analyzer and Set span of the spectrum to encompass the entire emission bandwidth (EBW) of the signal.
 - 2) Set the RBW=1MHz and VBW =3MHz
 - 3) Number of points in sweep ≥ 2 Span / RBW
 - 4) Detector = RMS
 - 5) Sweep time = auto couple
 - 6) Allow the sweep to "free run" and set the Trace average at least 100 traces in power averaging (i.e., RMS) mode.
 - 7) Compute power by integrating the spectrum across the 26 dB EBW of the signal using the instrument's band power measurement function with band limits set equal to the EBW band edges.

Note: The cable loss and attenuator loss were offset into measure device as an amplitude offset.

7.4. Test Results

5180-5240MHz Band:

EUT: Tablet PC					
M/N: WT10PE-C					
Test date: 2015-11-22		Pressure:101.8±1.0 kpa		Humidity:53.3±3.0%	
Tested by: Alice_Yang		Test site: RF site		Temperature:2.7±0.6 °C	
Test Mode	Frequency (MHz)	Maximum Conducted output power (dBm)			Limit (dBm)
		ANT1	ANT2	Total	
11a	5180	12.39	11.25	N/A	24
	5200	12.45	11.10	N/A	24
	5240	12.58	11.46	N/A	24
11n HT20	5180	12.31	11.10	14.76	24
	5200	12.16	10.95	14.61	24
	5240	12.38	11.60	15.02	24
11n HT40	5190	12.97	12.04	15.54	24
	5230	13.05	12.18	15.65	24
11ac VHT20	5180	11.98	11.67	14.84	24
	5200	11.95	11.67	14.82	24
	5240	12.14	11.82	14.99	24
11ac VHT40	5190	12.40	11.98	15.21	24
	5230	12.67	12.06	15.39	24
11ac VHT80	5210	10.57	10.02	13.31	24
Conclusion: PASS					

5260-5320MHz Band:

EUT: Tablet PC					
M/N: WT10PE-C					
Test date: 2015-11-22		Pressure: 101.8±1.0 kpa		Humidity: 53.2±3.0%	
Tested by: Alice_Yang		Test site: RF site		Temperature: 22.9±0.6 °C	
Test Mode	Frequency (MHz)	Maximum Conducted output power (dBm)			Limit (dBm)
		ANT1	ANT2	Total	
11a	5260	12.17	11.24	N/A	24
	5300	12.05	11.35	N/A	24
	5320	12.20	11.39	N/A	24
11n HT20	5260	11.90	11.41	14.67	24
	5300	11.84	11.34	14.61	24
	5320	11.90	11.30	14.62	24
11n HT40	5270	12.48	11.84	15.18	24
	5310	12.71	12.05	15.40	24
11ac VHT20	5260	11.68	11.50	14.60	24
	5300	11.99	11.48	14.75	24
	5320	11.99	11.61	14.81	24
11ac VHT40	5270	12.22	11.77	15.01	24
	5310	12.32	11.92	15.14	24
11ac VHT80	5290	10.28	10.14	13.22	24
Conclusion: PASS					

5500-5700MHz Band:

EUT: Tablet PC					
M/N: WT10PE-C					
Test date: 2015-11-22		Pressure: 101.6±1.0 kpa		Humidity: 53.4±3.0%	
Tested by: Alice_Yang		Test site: RF site		Temperature: 22.1±0.6 °C	
Test Mode	Frequency (MHz)	Maximum Conducted output power (dBm)			Limit (dBm)
		ANT1	ANT2	Total	
11a	5500	11.88	12.10	N/A	24
	5600	11.57	11.88	N/A	24
	5700	10.84	11.28	N/A	24
11n HT20	5500	10.59	12.01	14.82	24
	5600	11.31	11.88	14.61	24
	5700	10.49	11.05	14.62	24
11n HT40	5510	12.22	12.92	15.59	24
	5590	12.08	12.52	15.32	24
	5670	11.37	11.85	14.63	24
11ac VHT20	5500	11.97	12.28	15.14	24
	5600	11.51	12.05	14.80	24
	5700	10.95	11.45	14.22	24
11ac VHT40	5510	12.30	12.57	15.45	24
	5590	12.11	12.37	15.25	24
	5670	11.45	11.72	14.60	24
11ac VHT80	5530	10.37	10.81	13.61	24
Conclusion: PASS					

5745-5825MHz Band:

EUT: Tablet PC					
M/N: WT10PE-C					
Test date: 2015-11-22		Pressure: 101.6±1.0kpa		Humidity:532.8±3.0%	
Tested by: Alice_Yang		Test site: RF site		Temperature:22.7±0.6 °C	
Test Mode	Frequency (MHz)	Maximum Conducted output power (dBm)			Limit (dBm)
		ANT1	ANT2	Total	
11a	5745	11.27	12.12	N/A	29.86
	5785	11.03	11.82	N/A	29.86
	5825	10.6	11.61	N/A	29.86
11n HT20	5745	11.02	11.77	14.42	29.86
	5785	10.47	11.66	14.12	29.86
	5825	10.44	11.38	13.95	29.86
11n HT40	5755	11.62	12.47	15.08	29.86
	5790	11.08	12.22	14.70	29.86
11ac VHT20	5745	11.32	11.96	14.66	29.86
	5785	11.26	11.76	14.53	29.86
	5825	10.81	11.54	14.20	29.86
11ac VHT40	5755	11.71	12.33	15.04	29.86
	5795	11.73	12.08	14.92	29.86
11ac VHT80	5775	9.89	10.31	13.12	29.86
Conclusion: PASS					

Note: 11ac/n Mode

$$\text{Directional Gain} = 10 \log[(10^{2.84/20} + 10^{3.41/20})^2 / 2] \text{dBi}$$

$$= 6.14 \text{dBi} > 6 \text{dBi}$$

5180-5240MHz Band:

ANT 0

11n HT40

5190MHz



5230MHz



11ac VHT80

5230MHz



5210MHz



11acVHT40

5190MHz



5180-5240MHz Band:

ANT 1

11n HT40

5190MHz



5230MHz



5230MHz



11ac VHT80

5210MHz



11acVHT40

5190MHz



5260-5320MHz Band:

ANT 0

11n HT40

5270MHz



5310MHz



11ac VHT80

5310MHz



5290MHz



11acVHT40

5270MHz



5260-5320MHz Band:

ANT 1

11n HT40

5270MHz



5310MHz



5310MHz



11ac VHT80

5290MHz



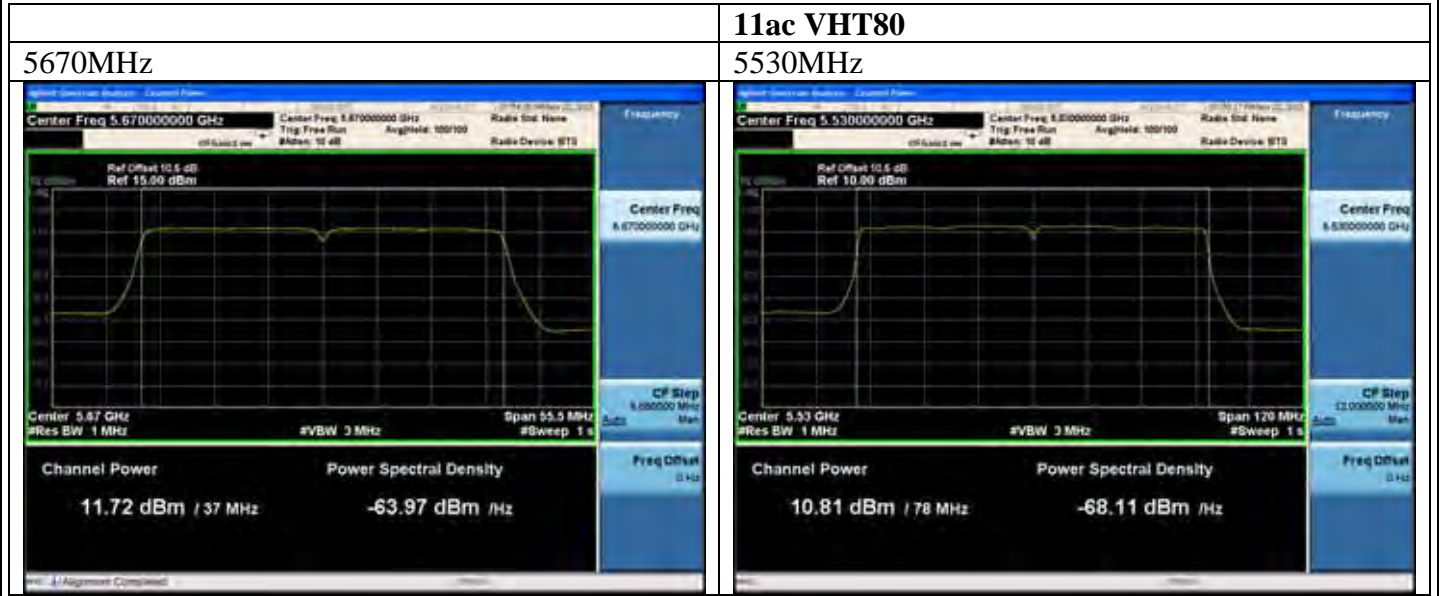
11acVHT40

5270MHz



<p>5500-5700MHz Band:</p>	
<p>ANT 0</p>	
<p>11n HT40</p>	<p>11acVHT40</p>
<p>5510MHz</p>	<p>5510MHz</p>
<p>5590MHz</p>	<p>5590MHz</p>
<p>5670MHz</p>	<p>5670MHz</p>

<p>11ac VHT80 5530MHz</p> <p>Center Freq 5.53000000 GHz Center Freq 5.53000000 GHz Trig: Free Run Avg: Hold #Span: 10 dB Radio: 802.11ac Radio Device: B73</p> <p>Ref Offset: 10.5 dB Ref: 10.00 dBm</p> <p>Center Freq: 5.53 GHz #Res BW: 1 MHz #VBW: 3 MHz Span: 120 MHz #Sweep: 1 s</p> <p>Channel Power: 10.37 dBm / 78 MHz Power Spectral Density: -68.55 dBm / Hz</p>	<p>5670MHz</p> <p>Center Freq 5.67000000 GHz Center Freq 5.67000000 GHz Trig: Free Run Avg: Hold #Span: 10 dB Radio: 802.11ac Radio Device: B73</p> <p>Ref Offset: 10.5 dB Ref: 15.00 dBm</p> <p>Center Freq: 5.67 GHz #Res BW: 1 MHz #VBW: 3 MHz Span: 55.5 MHz #Sweep: 1 s</p> <p>Channel Power: 11.85 dBm / 37 MHz Power Spectral Density: -63.83 dBm / Hz</p>
<p>ANT 1 11n HT40 5510MHz</p> <p>Center Freq 5.51000000 GHz Center Freq 5.51000000 GHz Trig: Free Run Avg: Hold #Span: 10 dB Radio: 802.11n Radio Device: B73</p> <p>Ref Offset: 10.5 dB Ref: 15.00 dBm</p> <p>Center Freq: 5.51 GHz #Res BW: 1 MHz #VBW: 3 MHz Span: 55.5 MHz #Sweep: 1 s</p> <p>Channel Power: 12.92 dBm / 37 MHz Power Spectral Density: -62.76 dBm / Hz</p>	<p>11acVHT40 5510MHz</p> <p>Center Freq 5.51000000 GHz Center Freq 5.51000000 GHz Trig: Free Run Avg: Hold #Span: 10 dB Radio: 802.11ac Radio Device: B73</p> <p>Ref Offset: 10.5 dB Ref: 15.00 dBm</p> <p>Center Freq: 5.51 GHz #Res BW: 1 MHz #VBW: 3 MHz Span: 55.5 MHz #Sweep: 1 s</p> <p>Channel Power: 12.57 dBm / 37 MHz Power Spectral Density: -63.11 dBm / Hz</p>
<p>5590MHz</p> <p>Center Freq 5.59000000 GHz Center Freq 5.59000000 GHz Trig: Free Run Avg: Hold #Span: 10 dB Radio: 802.11ac Radio Device: B73</p> <p>Ref Offset: 10.5 dB Ref: 15.00 dBm</p> <p>Center Freq: 5.59 GHz #Res BW: 1 MHz #VBW: 3 MHz Span: 55.5 MHz #Sweep: 1 s</p> <p>Channel Power: 12.52 dBm / 37 MHz Power Spectral Density: -63.16 dBm / Hz</p>	<p>5590MHz</p> <p>Center Freq 5.59000000 GHz Center Freq 5.59000000 GHz Trig: Free Run Avg: Hold #Span: 10 dB Radio: 802.11ac Radio Device: B73</p> <p>Ref Offset: 10.5 dB Ref: 15.00 dBm</p> <p>Center Freq: 5.59 GHz #Res BW: 1 MHz #VBW: 3 MHz Span: 55.5 MHz #Sweep: 1 s</p> <p>Channel Power: 12.37 dBm / 37 MHz Power Spectral Density: -63.31 dBm / Hz</p>



5745-5825MHz Band:

ANT 0

11n HT40

5755MHz



5795MHz



11ac VHT80

5795MHz



5775MHz



11acVHT40

5755MHz



8. SPECTRAL DENSITY TEST

8.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum	Agilent	N9030A	MY51380221	Oct.18,15	1 Year
2.	Attenuator (20dB)	Agilent	8491B	MY39262165	Apr.28, 15	1 Year
3	RF Cable	Hubersuhner	SUCOFLEX102	28610/2	Apr.28, 15	1 Year

8.2. Limit

Band 5150-5250 MHz:

The e.i.r.p spectral density shall not exceed 11 dBm in any 1.0 MHz band.

Band 5250-5350 MHz:

The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

Band 5470-5725 MHz:

The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

Band 5725-5850 MHz:

The power spectral density shall not exceed 30 dBm in any 500 KHz band.

8.3. Test Procedure

For the Band 5.15-5.25GHz:

The transmitter output was connected to a spectrum analyzer. Power density was measured by spectrum analyzer with 1MHz RBW and 3MHz VBW; Detector: RMS mode.

For the band 5.725-5.85 GHz:

The transmitter output was connected to a spectrum analyzer. Power density was measured by spectrum analyzer with 1MHz RBW and 3MHz VBW,RMS Detector.

So use the test method described in KDB789033 clause E

- 1) Set the RBW=100kHz and VBW =3MHz
- 2) Number of points in sweep ≥ 2 Span / RBW.(This ensures that bin-to-bin spacing is \leq RBW/2, so that narrowband signals are not lost between frequency bins.)
- 3) Sweep time = auto
- 4) Detector = RMS (i.e., power averaging), if available. Otherwise, use sample detector mode.
- 5) Use the “peak search” function of spectrum analyzer find the max value, then add $10\log(500\text{kHz}/\text{RBW})$ to the measured result.

Note: The cable loss and attenuator loss were offset into measure device as an amplitude offset.

8.4. Test Results

5180-5240MHz Band:

EUT: Tablet PC		
M/N: WT10PE-C		
Test date: 2015-11-26	Pressure: 101.8±1.0kpa	Humidity:52.7±3.0%
Tested by: Alice_Yang	Test site: RF site	Temperature:22.8±0.6 °C

Test Mode	Frequency (MHz)	Power density (dBm/MHz)			Limit (dBm/MHz)
		ANT0	ANT1	Total	
11a	5180	0.897	0.318	N/A	11
	5200	0.618	0.093	N/A	11
	5240	0.828	0.255	N/A	11
11n HT20	5180	0.328	-0.184	3.09	11
	5200	0.268	-0.158	3.071	11
	5240	0.346	-0.050	3.163	11
11n HT40	5190	-1.930	-2.753	0.688	11
	5230	-1.916	-2.508	0.808	11
11ac VHT20	5180	0.274	-0.094	3.104	11
	5200	0.152	-0.272	2.955	11
	5240	0.385	-0.161	3.131	11
11ac VHT40	5190	-2.146	-2.689	0.601	11
	5230	-1.783	-2.524	0.873	11
11ac VHT80	5210	-6.627	-7.433	-4.001	11
Conclusion: PASS					

5260-5320MHz Band:

EUT: Tablet PC		
M/N: WT10PE-C		
Test date: 2015-11-26	Pressure: 101.8±1.0 kpa	Humidity:52.7±3.0%
Tested by: Alice_Yang	Test site: RF site	Temperature:22.8±0.6 °C

Test Mode	Frequency (MHz)	Power density (dBm/MHz)			Limit (dBm/MHz)
		ANT1	ANT2	Total	
11a	5260	0.218	-0.324	N/A	11
	5300	0.335	-0.270	N/A	11
	5320	0.519	-0.037	N/A	11
11n HT20	5260	-0.147	-0.486	2.697	11
	5300	0.089	-0.517	2.807	11
	5320	0.142	-0.245	2.963	11
11n HT40	5270	-2.290	-2.486	0.623	11
	5310	-2.223	-2.807	0.505	11
11ac VHT20	5260	-0.227	-0.332	2.731	11
	5300	-0.099	-0.280	2.822	11
	5320	0.013	-0.131	2.952	11
11ac VHT40	5270	-2.489	-2.592	0.47	11
	5310	-2.307	-2.740	0.492	11
11ac VHT80	5290	-6.992	-7.211	-4.09	11
Conclusion: PASS					

5500-5700MHz Band:

EUT: Tablet PC		
M/N: WT10PE-C		
Test date: 2015-11-26	Pressure: 101.6±1.0 kpa	Humidity:52.7±3.0%
Tested by: Alice_Yang	Test site: RF site	Temperature:22.8±0.6 °C

Test Mode	Frequency (MHz)	Power density (dBm/MHz)			Limit (dBm/MHz)
		ANT0	ANT1	Total	
11a	5500	0.379	0.618	N/A	11
	5600	0.036	0.417	N/A	11
	5700	-0.221	-0.253	N/A	11
11n HT20	5500	-0.058	0.280	3.125	11
	5600	-0.095	0.195	3.063	11
	5700	-0.776	-0.474	2.388	11
11n HT40	5510	-2.558	-2.012	0.734	11
	5590	-2.640	-2.031	0.685	11
	5670	-3.123	-2.825	0.039	11
11ac VHT20	5500	-0.155	0.336	3.108	11
	5600	-0.295	0.144	2.94	11
	5700	-0.820	-0.465	2.371	11
11ac VHT40	5510	-2.629	-2.051	0.68	11
	5590	-2.589	-2.133	0.655	11
	5670	-2.971	-2.999	0.025	11
11ac VHT80	5530	-6.903	-6.575	-3.726	11

Conclusion: PASS

5745-5825MHz Band:

EUT: Tablet PC		
M/N: WT10PE-C		
Test date: 2015-11-26	Pressure: 101.5±1.0kpa	Humidity:52.7±3.0%
Tested by: Alice_Yang	Test site: RF site	Temperature:22.8±0.6 °C

Test Mode	Frequency (MHz)	Power density (dBm/500KHz)			Limit (dBm/500KHz)
		ANT1	ANT2	Total	
11a	5745	-1.766	-1.185	N/A	29.86
	5785	-1.772	-1.185	N/A	29.86
	5825	-2.214	-1.368	N/A	29.86
11n HT20	5745	-2.296	-1.504	1.13	29.86
	5785	-2.508	-2.007	0.76	29.86
	5825	-2.576	-1.893	0.79	29.86
11n HT40	5755	-4.259	-3.917	-1.07	29.86
	5790	-5.104	-4.228	-1.63	29.86
11ac VHT20	5745	-2.228	-1.304	1.27	29.86
	5785	-2.449	-1.886	0.85	29.86
	5825	-2.40	-2.247	0.69	29.86
11ac VHT40	5755	-4.546	-3.965	-1.24	29.86
	5790	-4.635	-4.396	-1.50	29.86
11ac VHT80	5775	-9.285	-9.047	-6.15	29.86
Conclusion: PASS					

Note: 11ac/n Mode

$$\text{Directional Gain} = 10 \log[(10^{2.84/20} + 10^{3.41/20})^2 / 2] \text{dBi}$$

$$= 6.14 \text{dBi} > 6 \text{dBi}$$

Note 2:

1. Correction factor = $10 \log(500 \text{kHz} / 100 \text{kHz}) = 6.9897$
2. Result = Reading value + Correction factor

5180-5240MHz Band:

ANT 0

11a

5180MHz



11n HT20

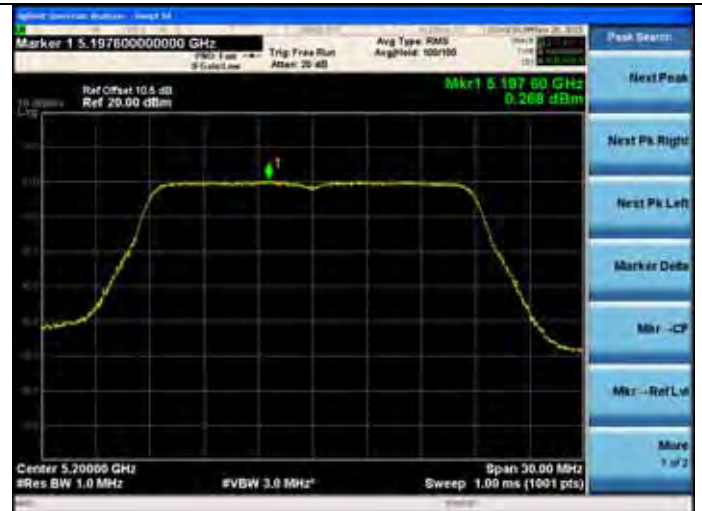
5180MHz



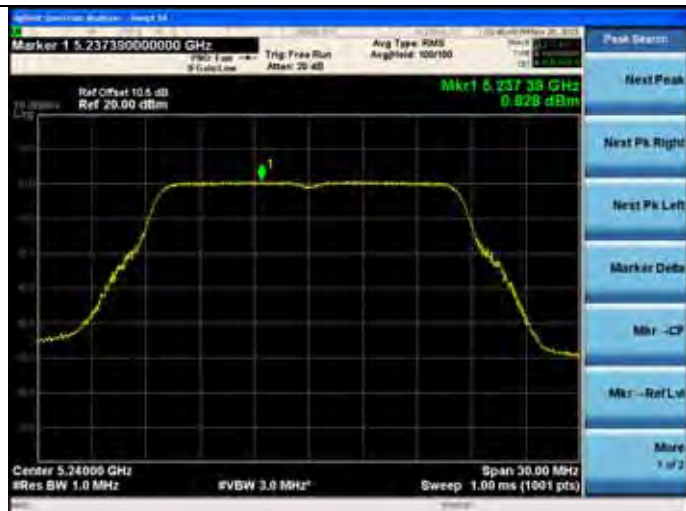
5200MHz



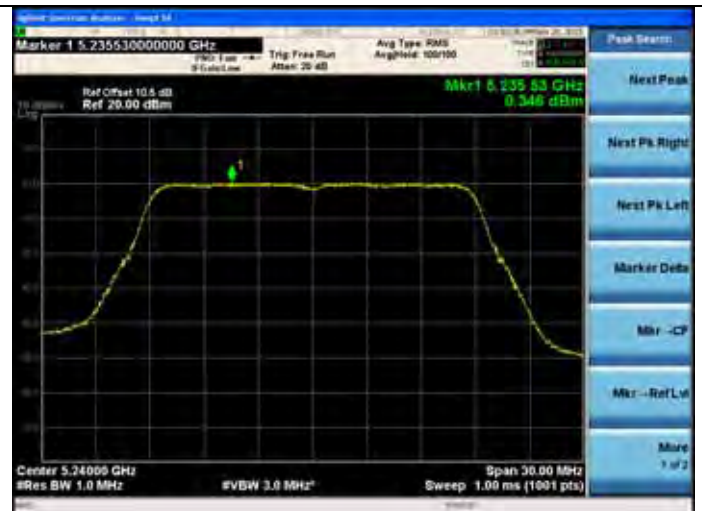
5200MHz

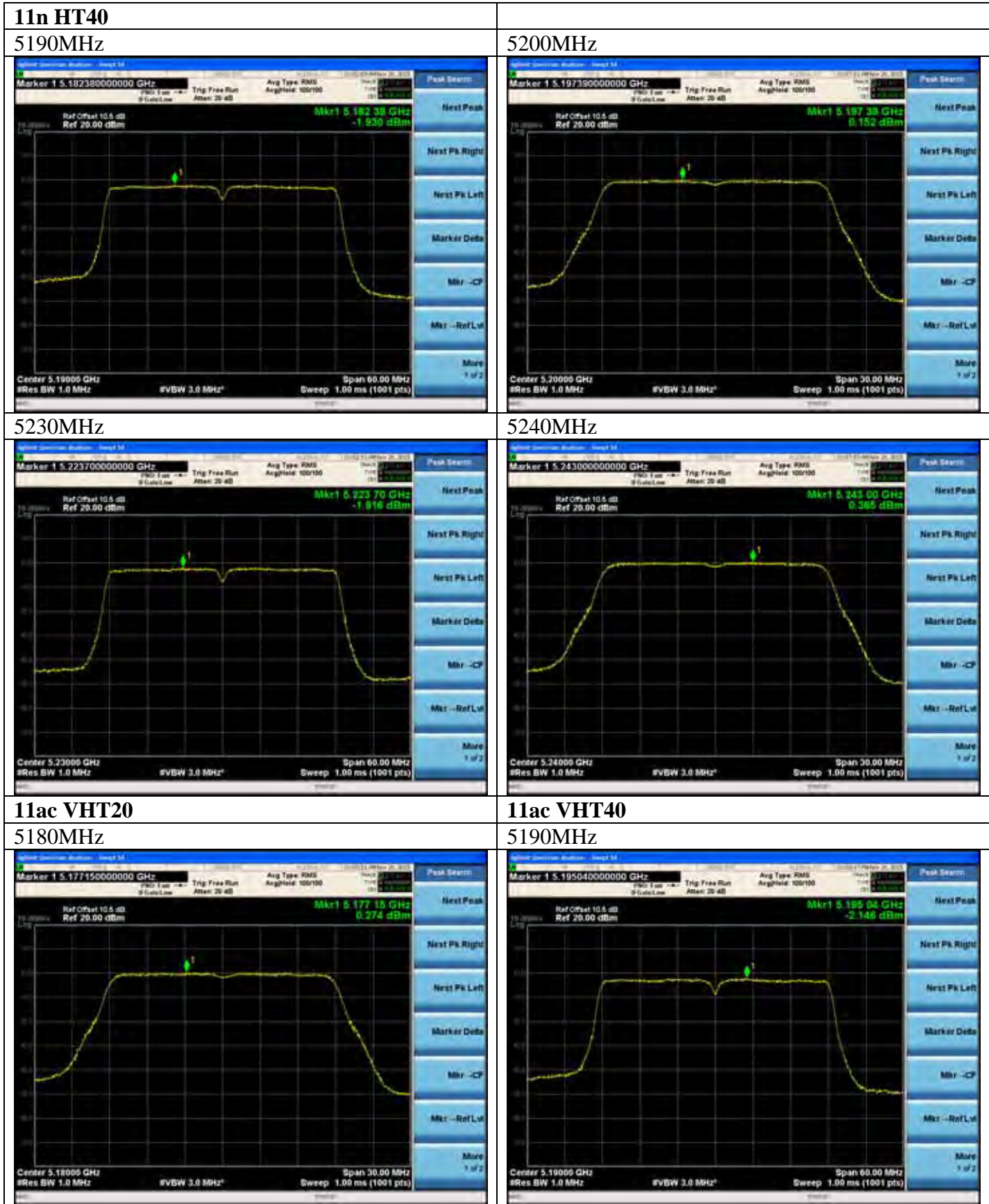


5240MHz

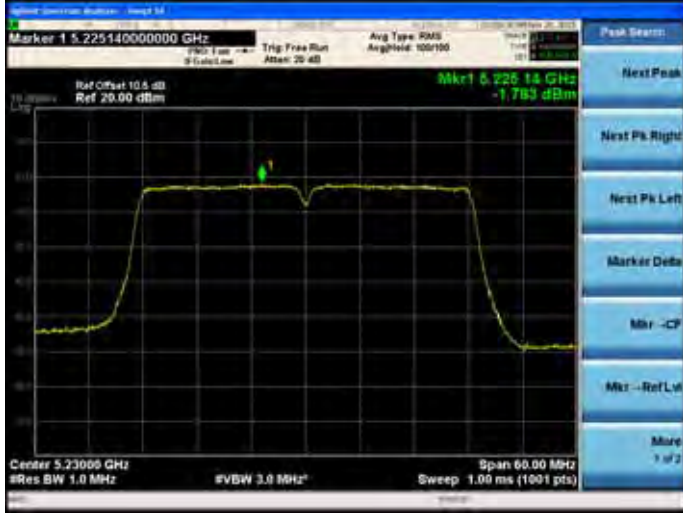


5240MHz

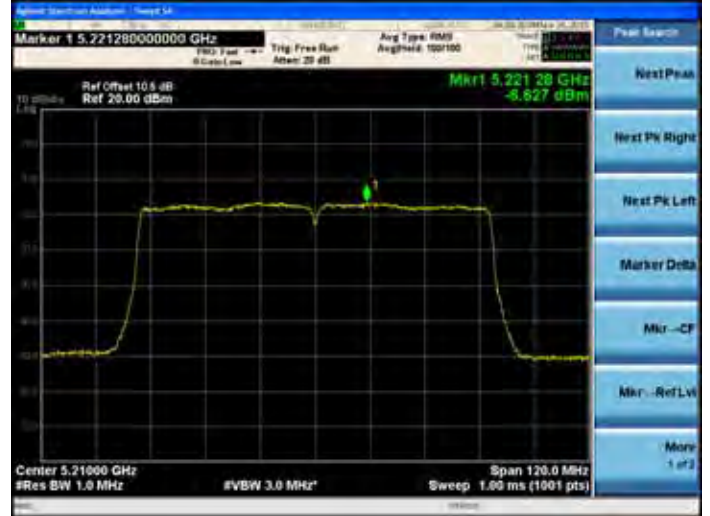




5230MHz



11ac VHT80
5210MHz



5180-5240MHz Band:

ANT 1

11a

5180MHz



11n HT20

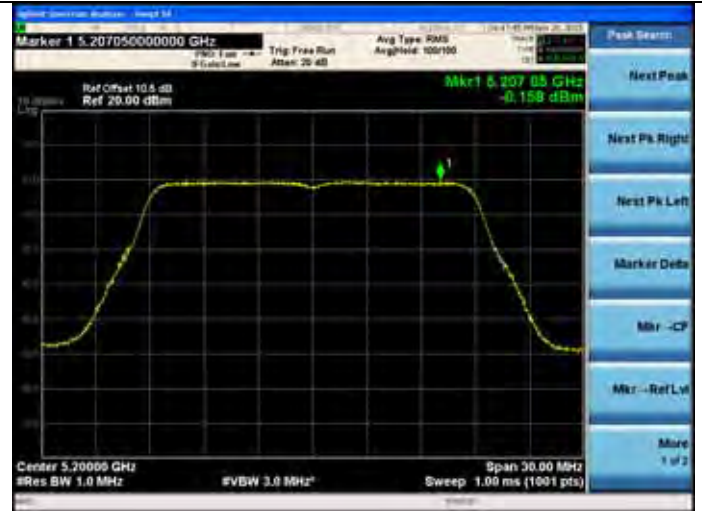
5180MHz



5200MHz



5200MHz



5240MHz

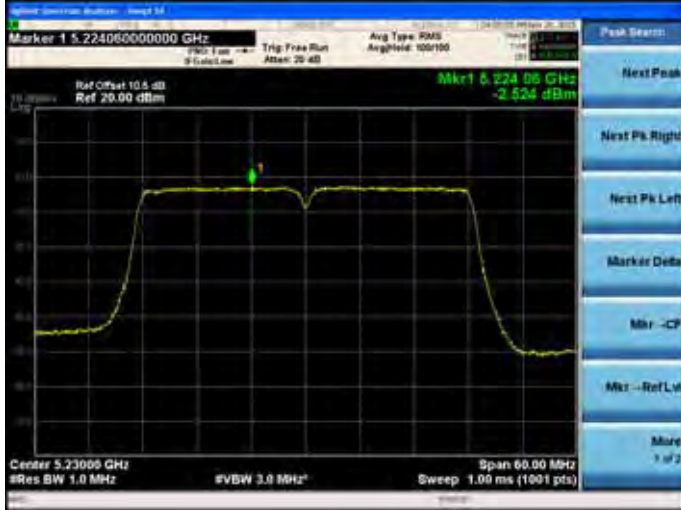


5240MHz



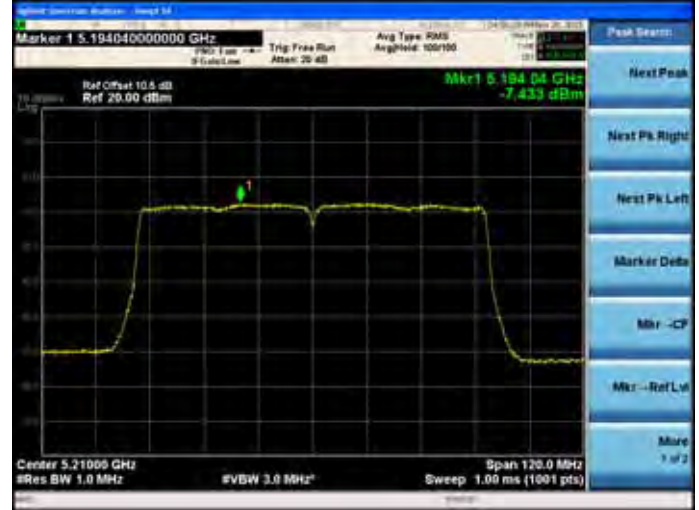


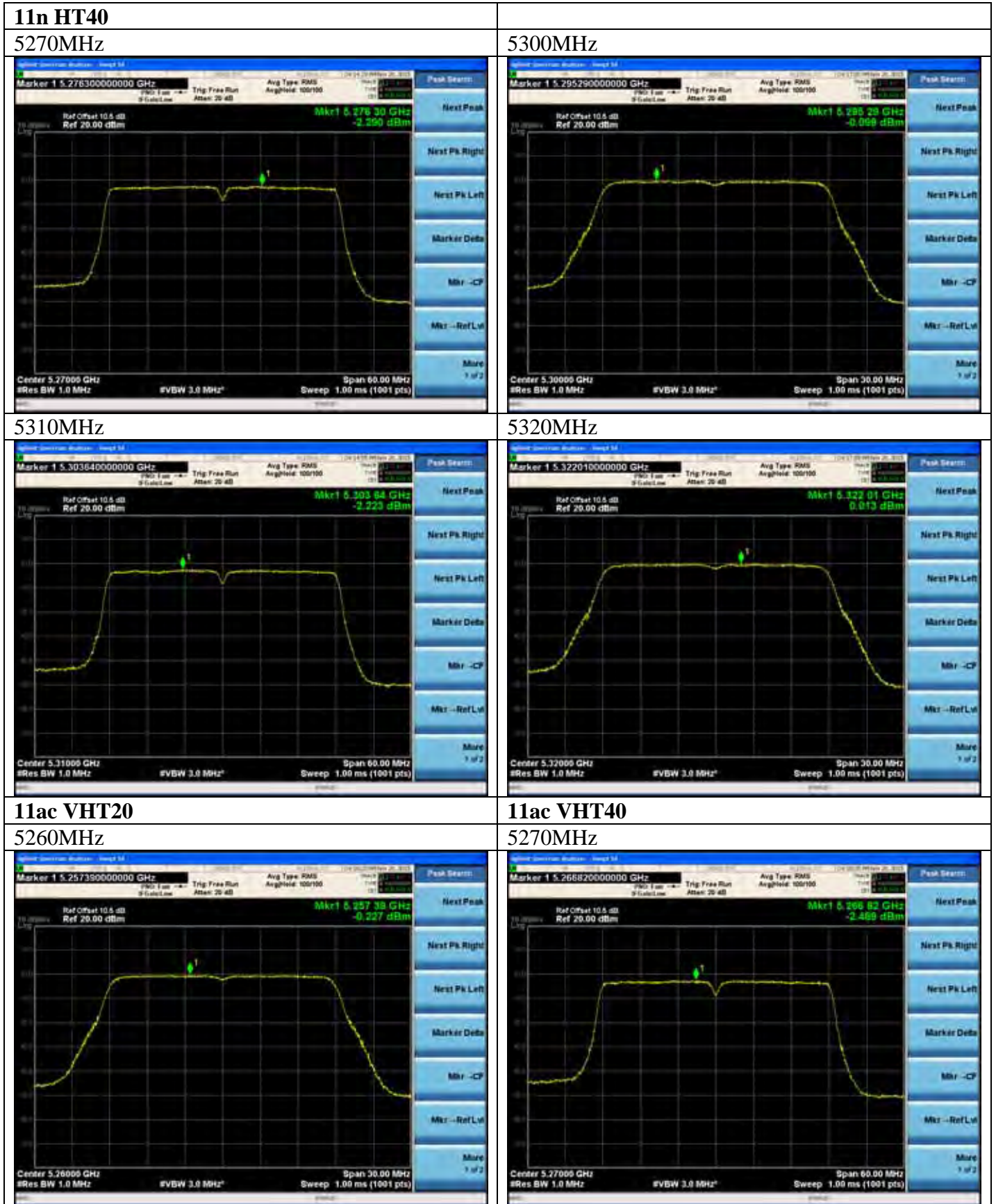
5230MHz



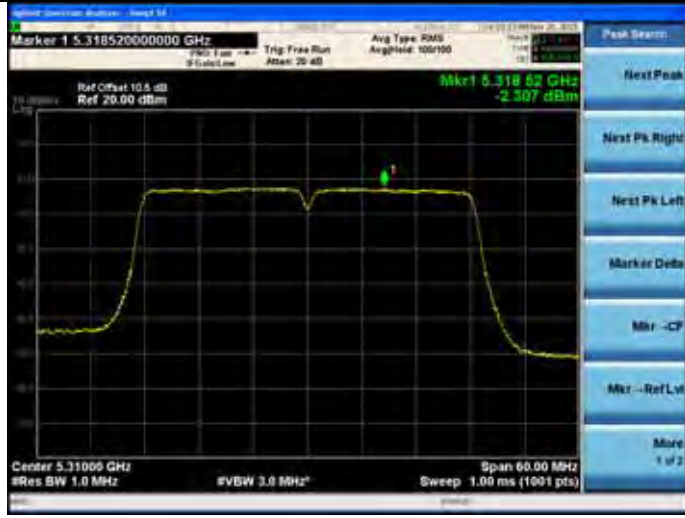
11ac VHT80

5210MHz

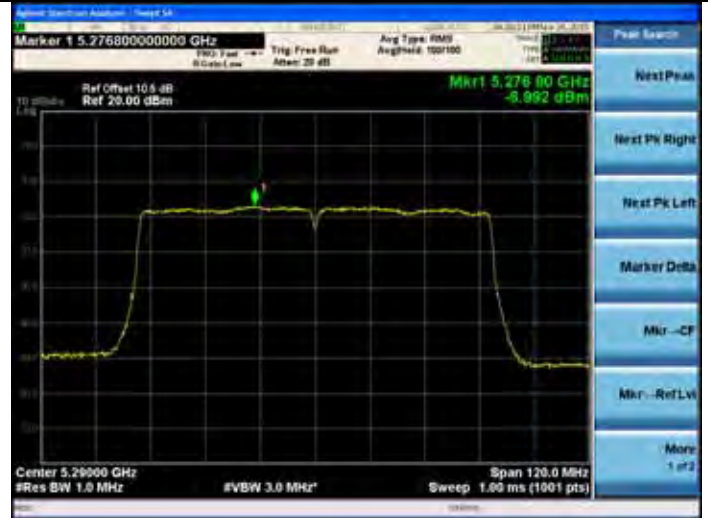


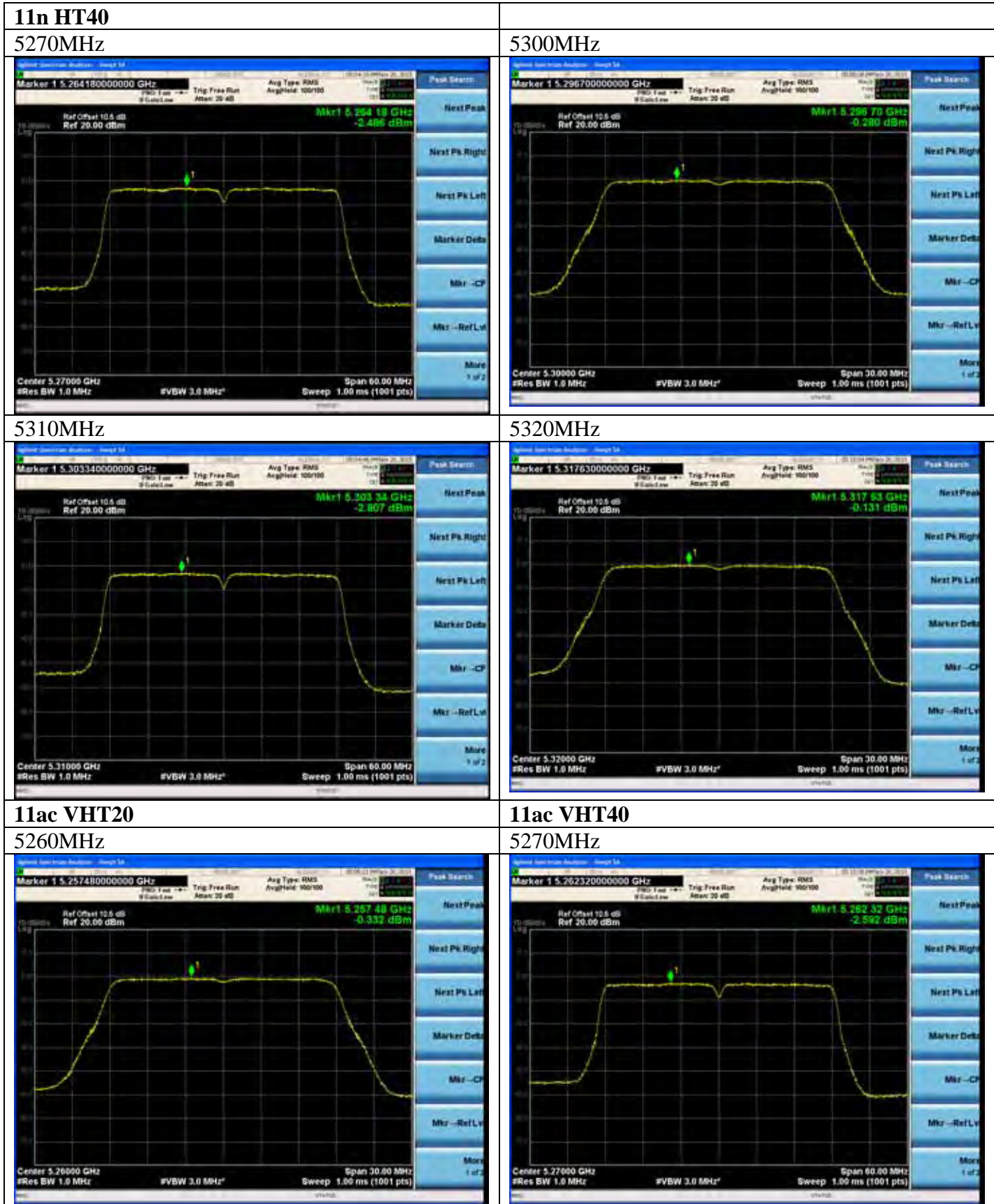


5310MHz

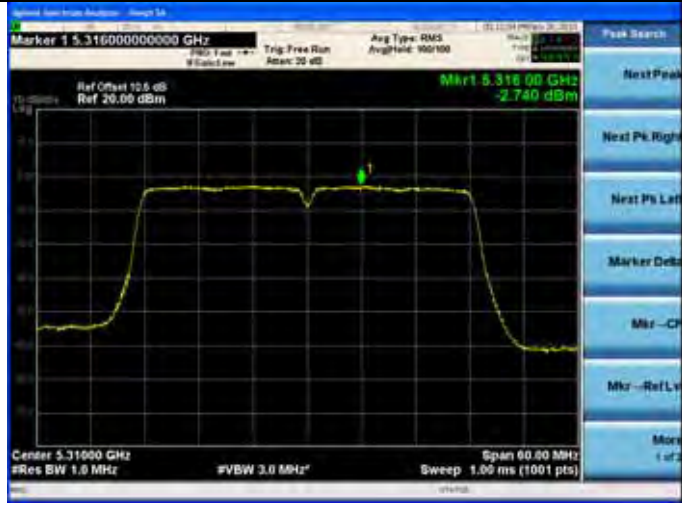


11ac VHT80
5290MHz

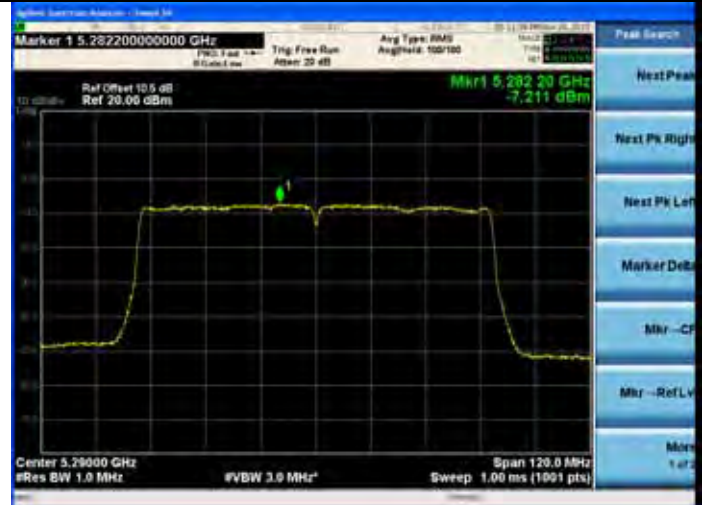


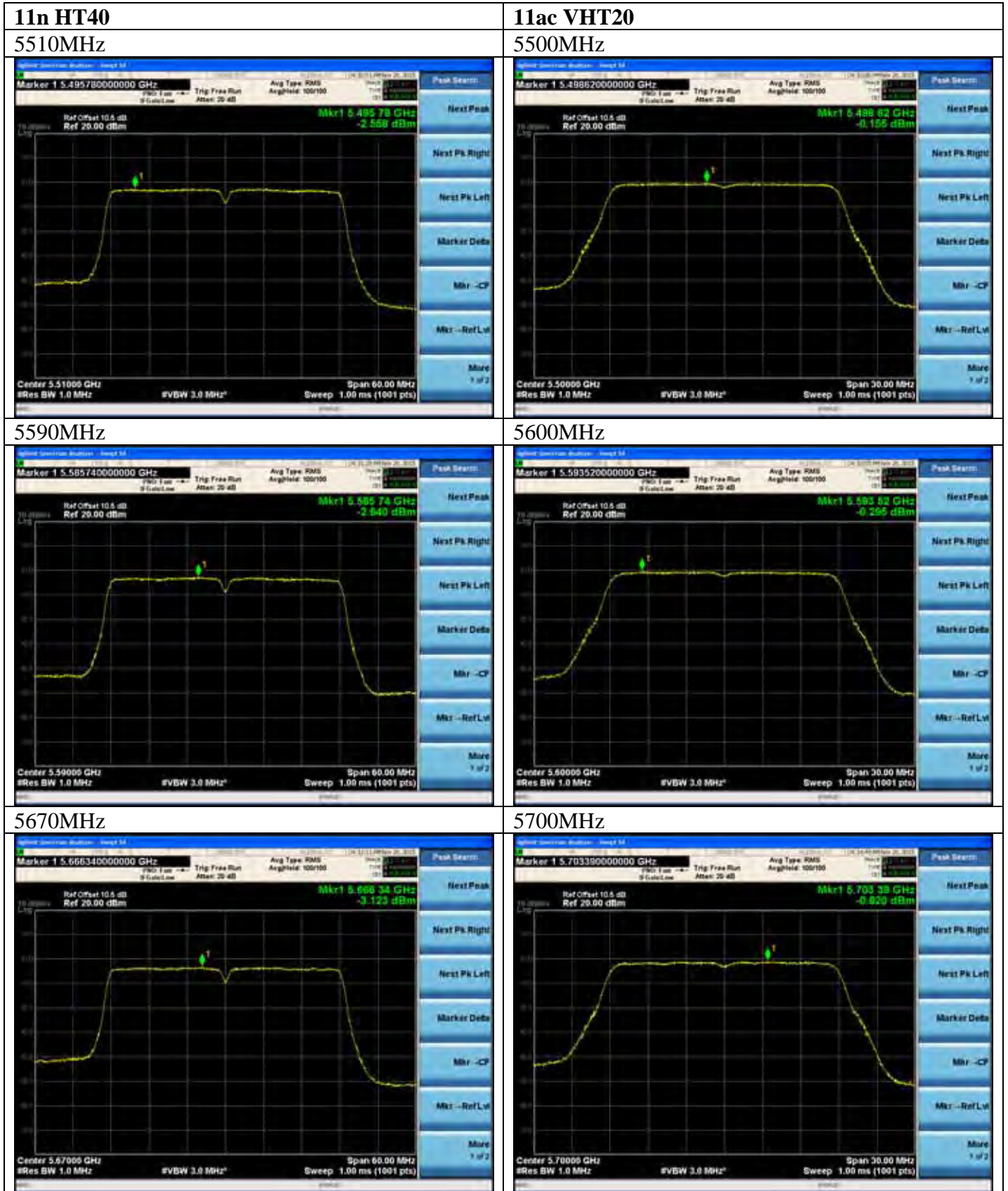


5310MHz

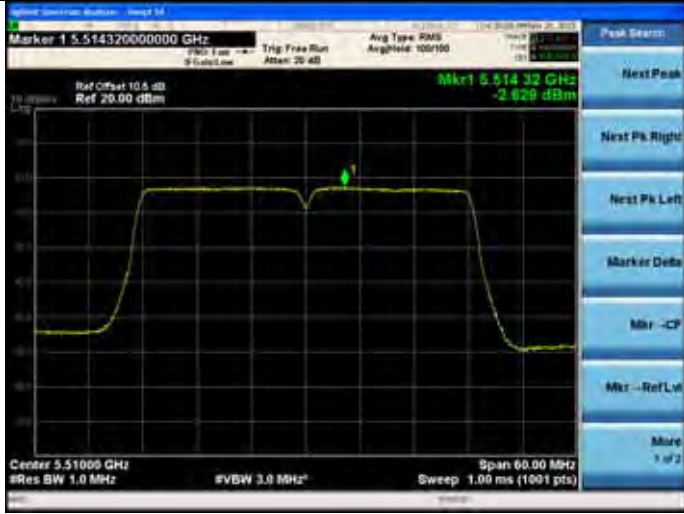


11ac VHT80
5290MHz





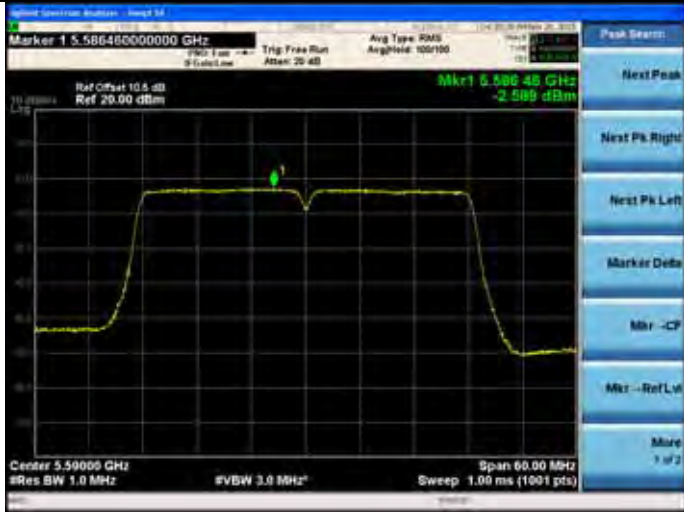
11ac VHT40
5510MHz



5670MHz



5590MHz



11ac VHT80

5530MHz



5500-5700MHz Band:

ANT 1

11a

5500MHz

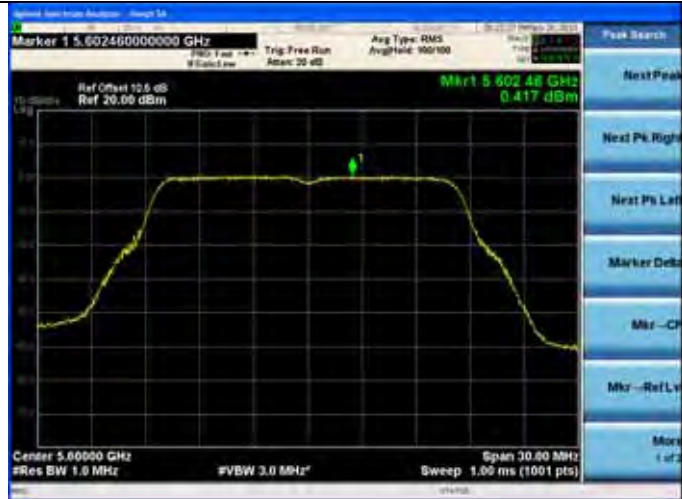


11n HT20

5500MHz



5600MHz



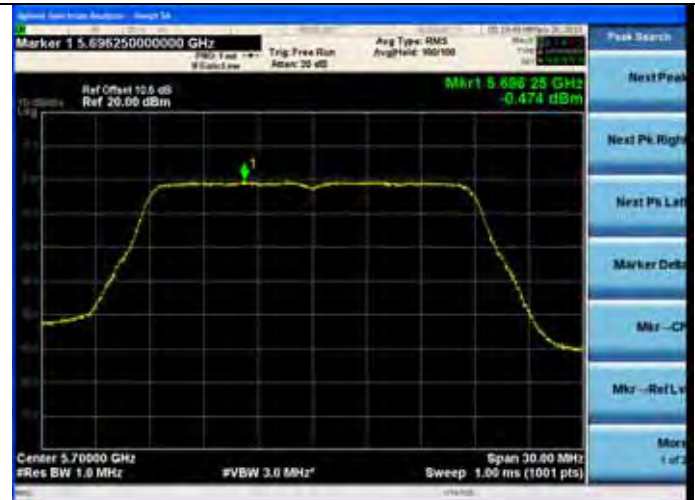
5600MHz

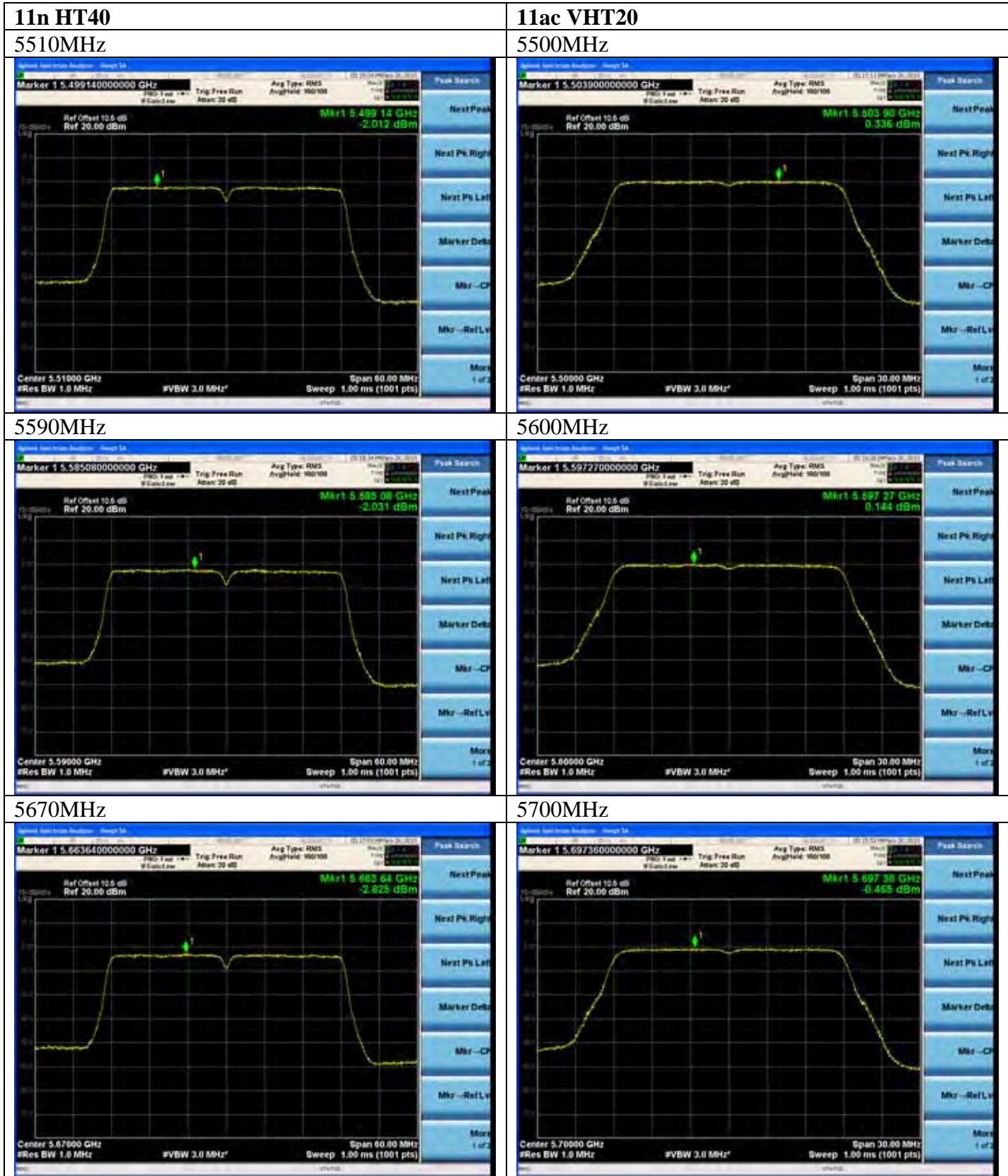


5700MHz

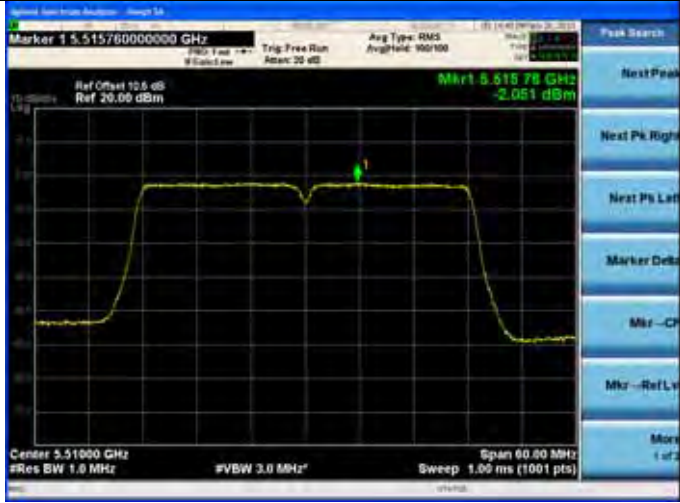


5700MHz

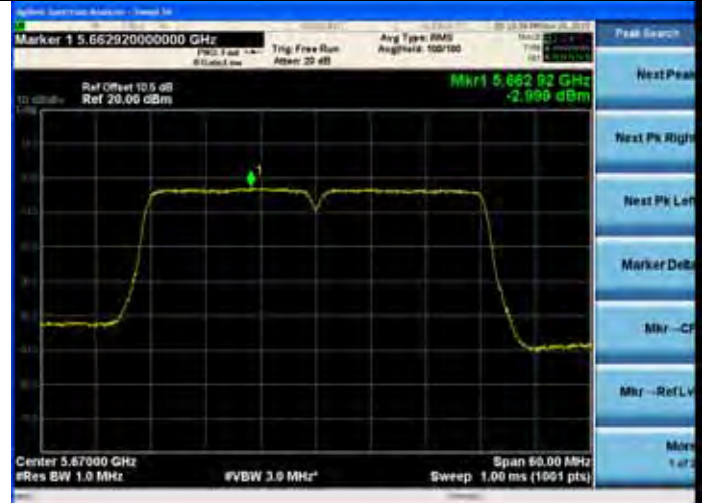




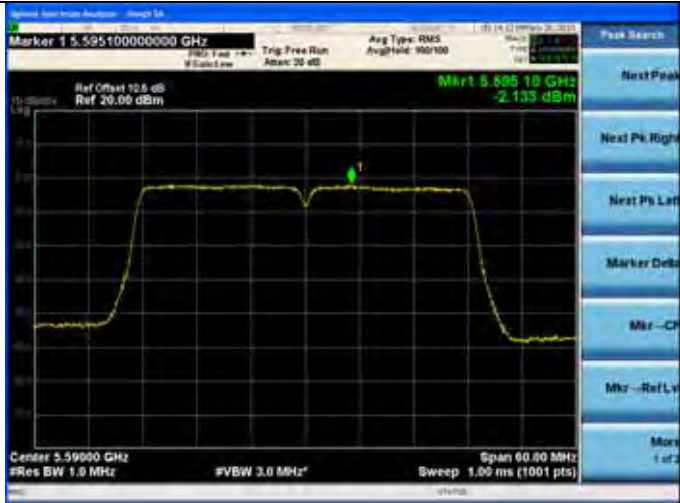
11ac VHT40
5510MHz



5670MHz

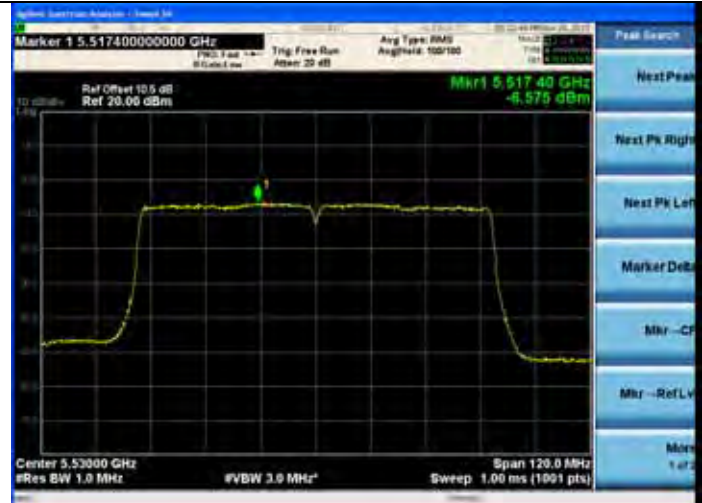


5590MHz



11ac VHT80

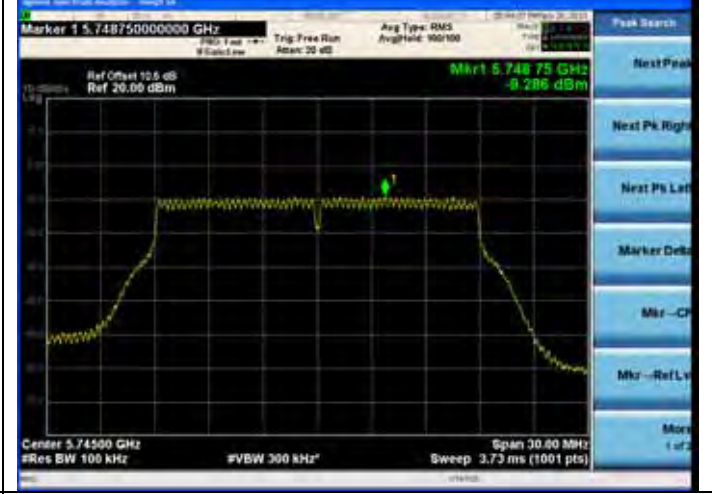
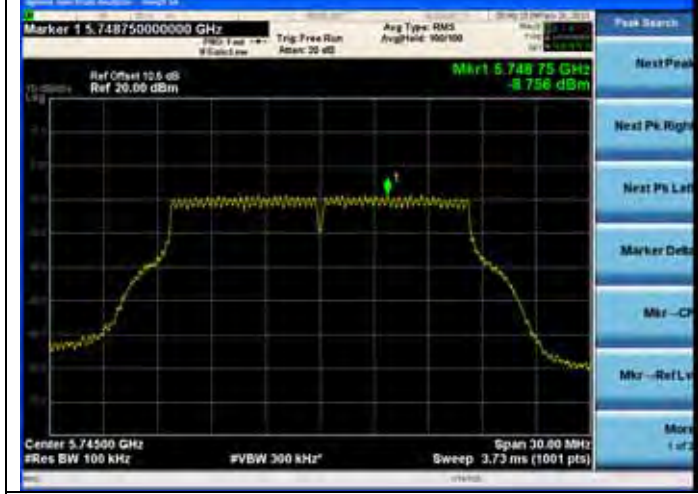
5530MHz



5745-5825MHz Band:
ANT 0

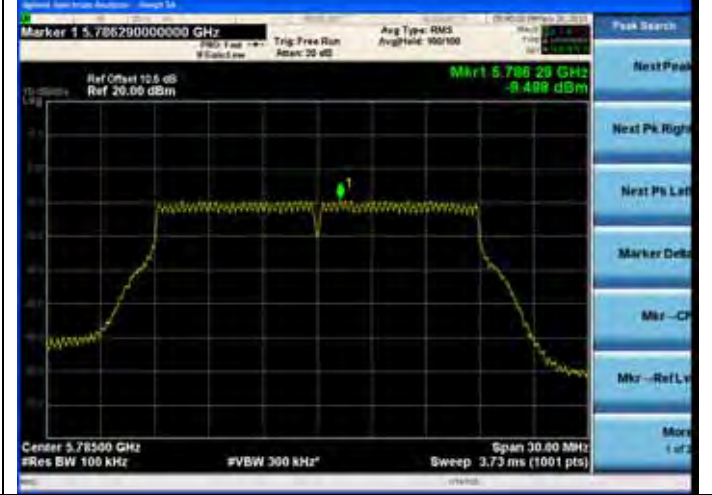
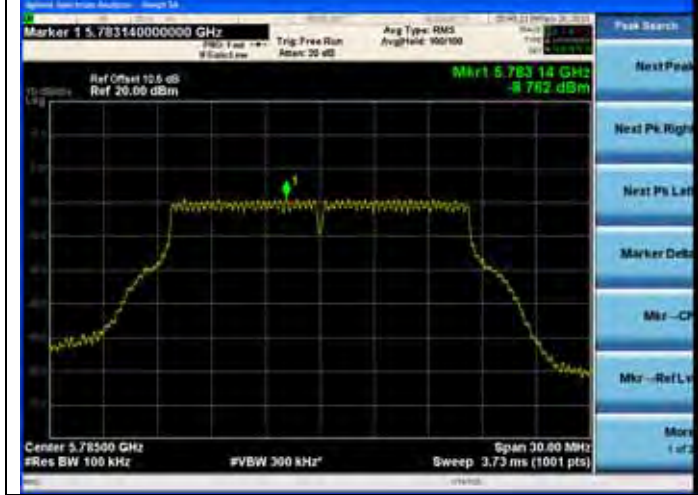
11a **11n HT20**

5745MHz **5745MHz**



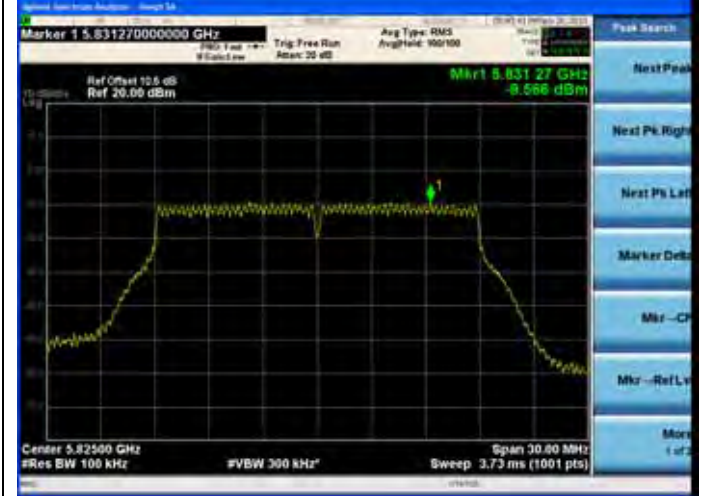
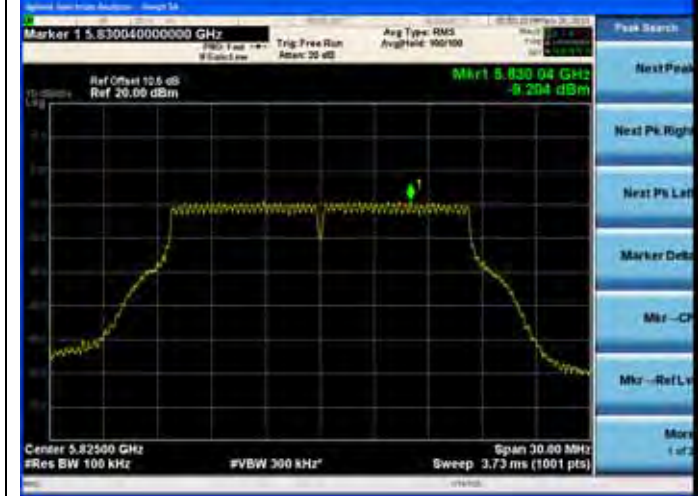
5785MHz

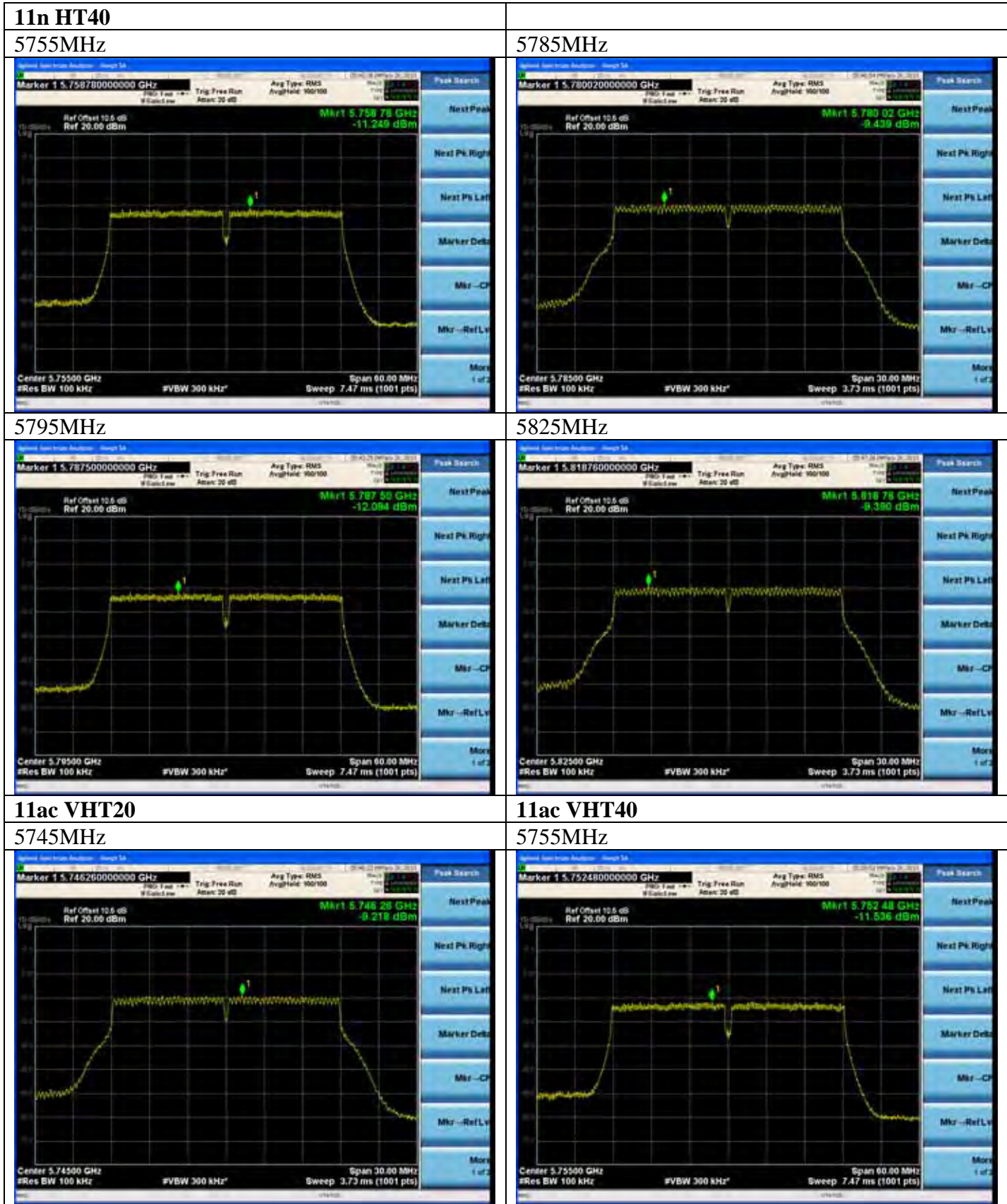
5785MHz



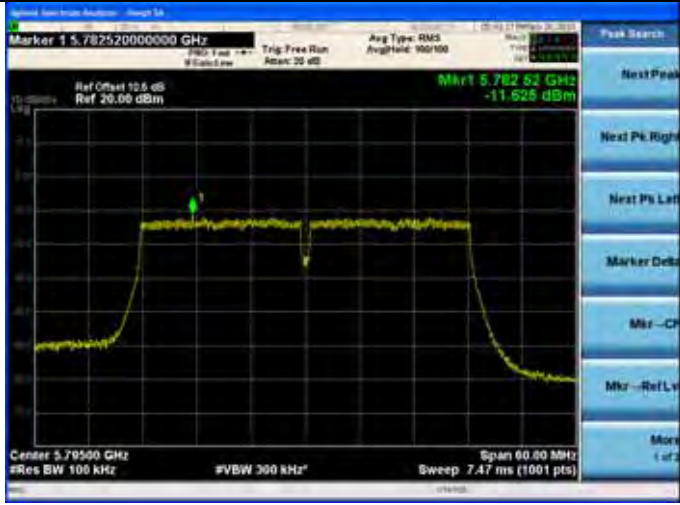
5825MHz

5825MHz

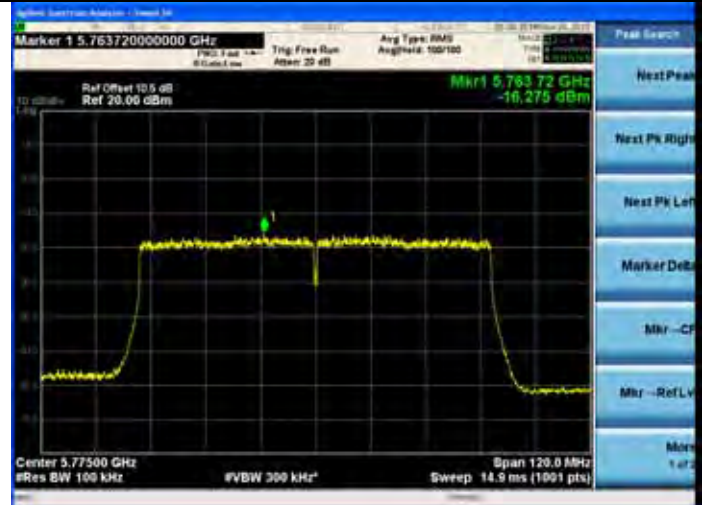




5795MHz



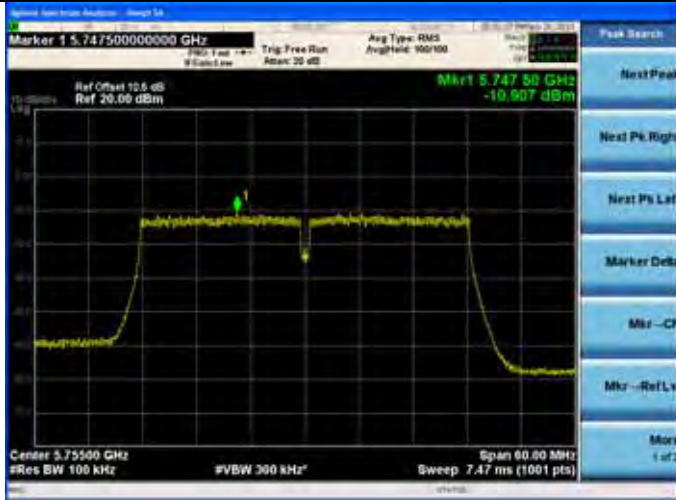
11ac VHT80
5775MHz



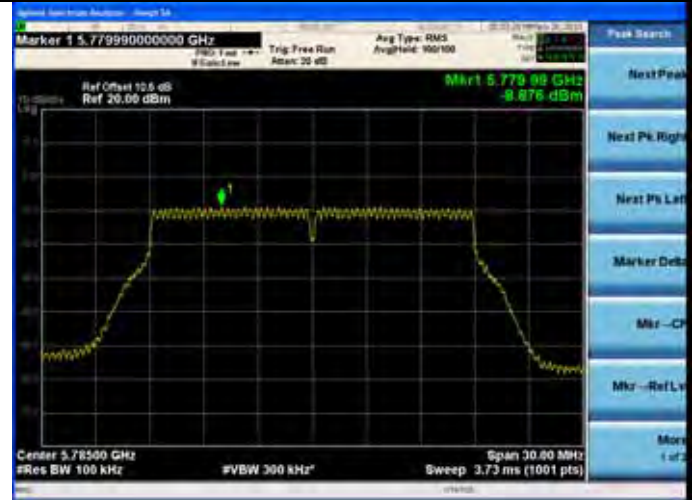
<p>5745-5825MHz Band:</p>	
<p>ANT 1</p>	
<p>11a</p>	<p>11n HT20</p>
<p>5745MHz</p> 	<p>5745MHz</p> 
<p>5785MHz</p> 	<p>5785MHz</p> 
<p>5825MHz</p> 	<p>5825MHz</p> 

11n HT40

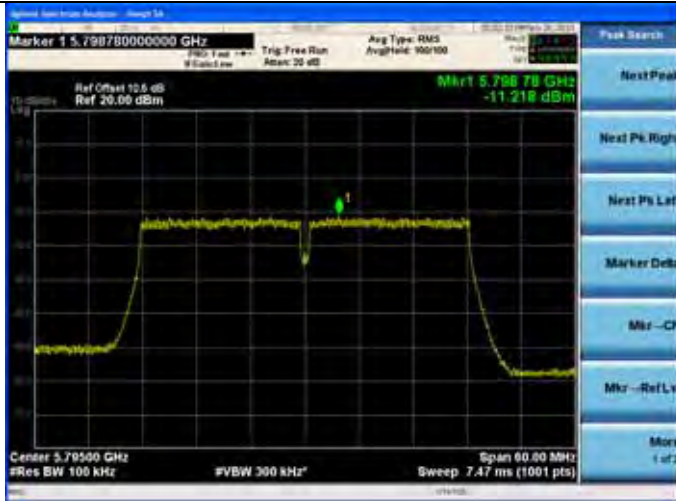
5755MHz



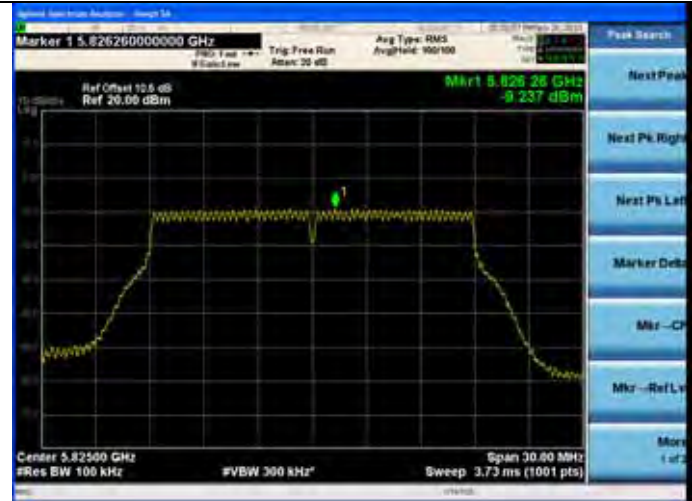
5785MHz



5795MHz

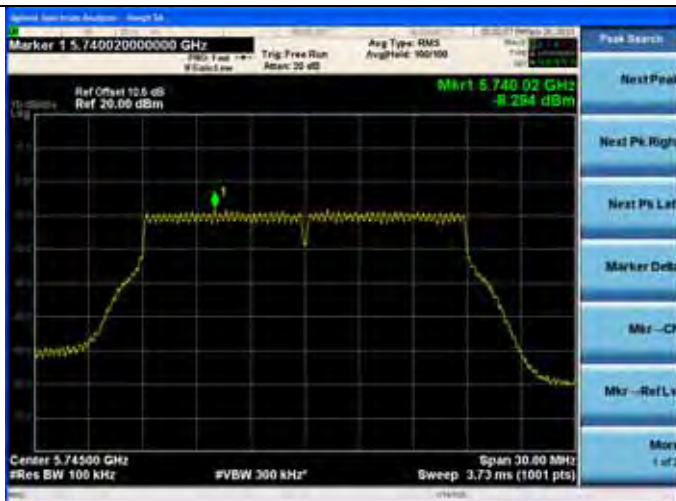


5825MHz



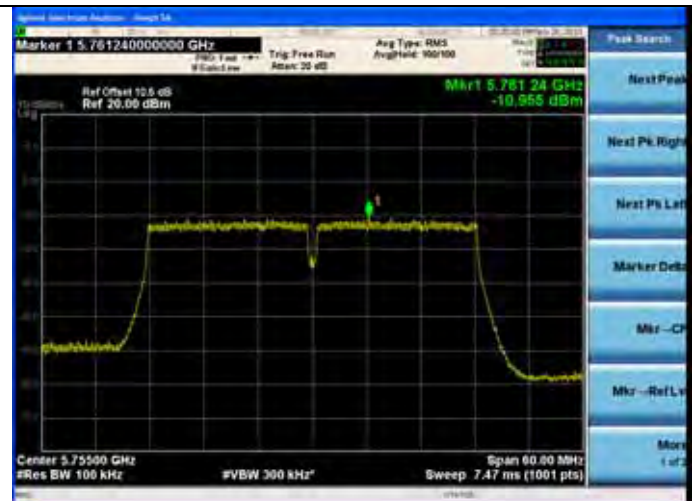
11ac VHT20

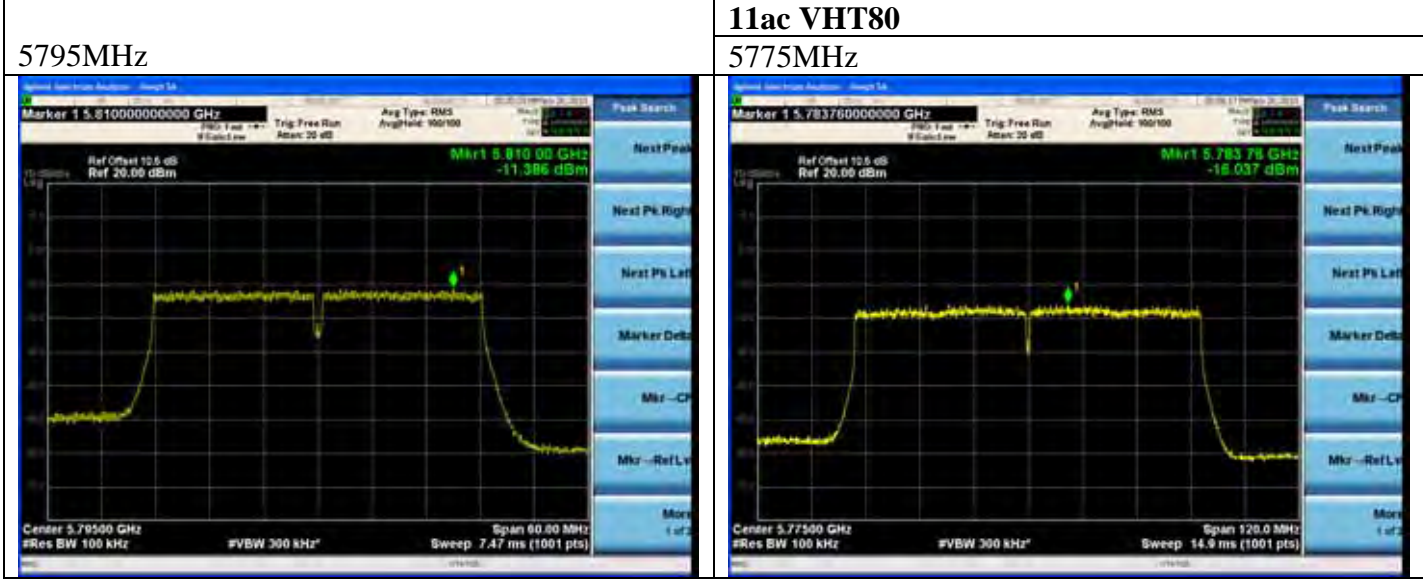
5745MHz



11ac VHT40

5755MHz





9. ANTENNA REQUIREMENT

9.1. Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.407 (a), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

9.2. Antenna Connected Construction

The antennas used for this product are PIFA antenna that no antenna other than that furnished by the responsible party shall be used with the device, the maximum peak gain of the transmit antenna is 3.41dBi.

10. DEVIATION TO TEST SPECIFICATIONS

[NONE]