



Test Mode	Mode 8: IEEE 802.11ax 80 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5775	-14.595	0.244	-7.362	≤ 25.31
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5775	-14.431	0.244	-7.198	≤ 25.31
Frequency (MHz)	ANT-2			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5775	-13.336	0.244	-6.103	≤ 25.31
Frequency (MHz)	ANT-3			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5775	-14.143	0.244	-6.910	≤ 25.31
Frequency (MHz)	ANT-0+1+2+3			Limit (dBm/500 kHz)
	Calculated (dBm/500 kHz)			Limit (dBm/500 kHz)
5775	-0.845			≤ 25.31

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10*Log(500 k/100 k)



■ Test Graphs

Mode 2: IEEE 802.11a Continuous TX mode_ANT-0	
5180 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.182 56 GHz 5.581 dBm Center 5.180000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts) File <BBB.png> saved</p>
5200 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.202 80 GHz 5.377 dBm Center 5.200000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts) File <BBB.png> saved</p>
5240 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.243 24 GHz 5.562 dBm Center 5.240000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts) File <BBB.png> saved</p>



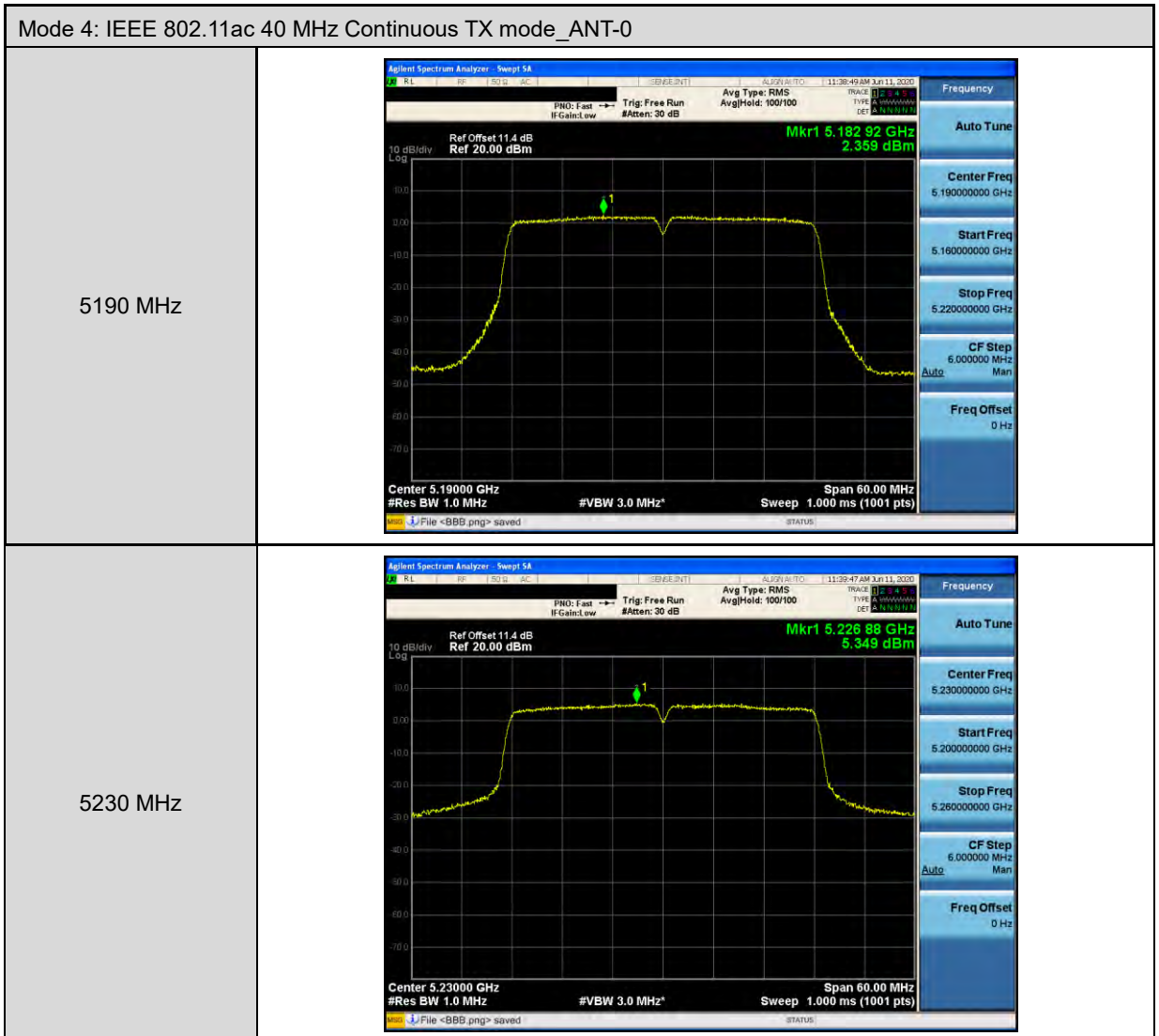
Mode 2: IEEE 802.11a Continuous TX mode _ANT-0	
5745 MHz	 <p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.741 24 GHz -0.695 dBm Center 5.74500 GHz #Res BW 100 kHz #VBW 300 kHz Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p>
5785 MHz	 <p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.785 60 GHz -0.689 dBm Center 5.78500 GHz #Res BW 100 kHz #VBW 300 kHz Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p>
5825 MHz	 <p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.820 64 GHz -1.058 dBm Center 5.82500 GHz #Res BW 100 kHz #VBW 300 kHz Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p>

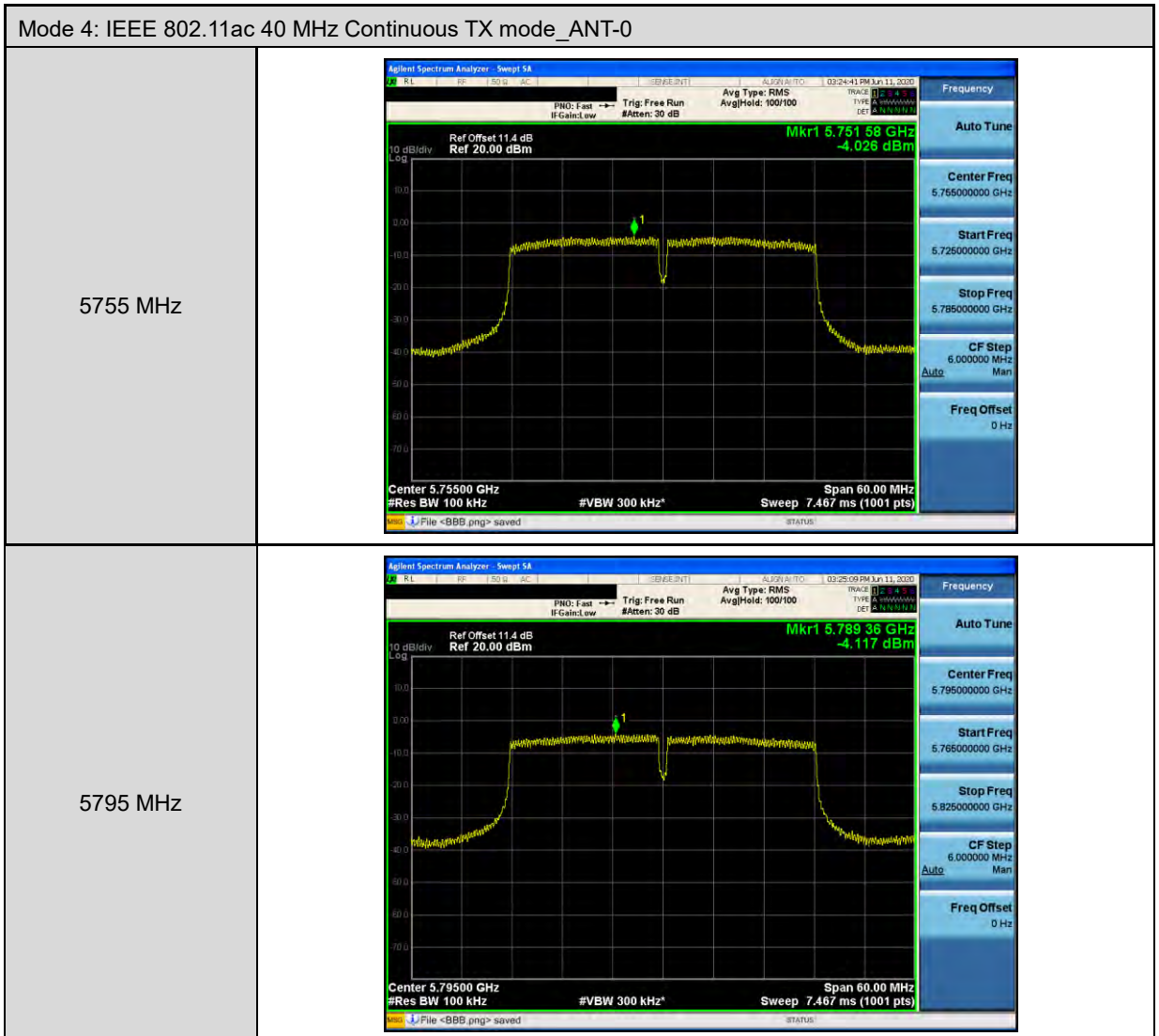


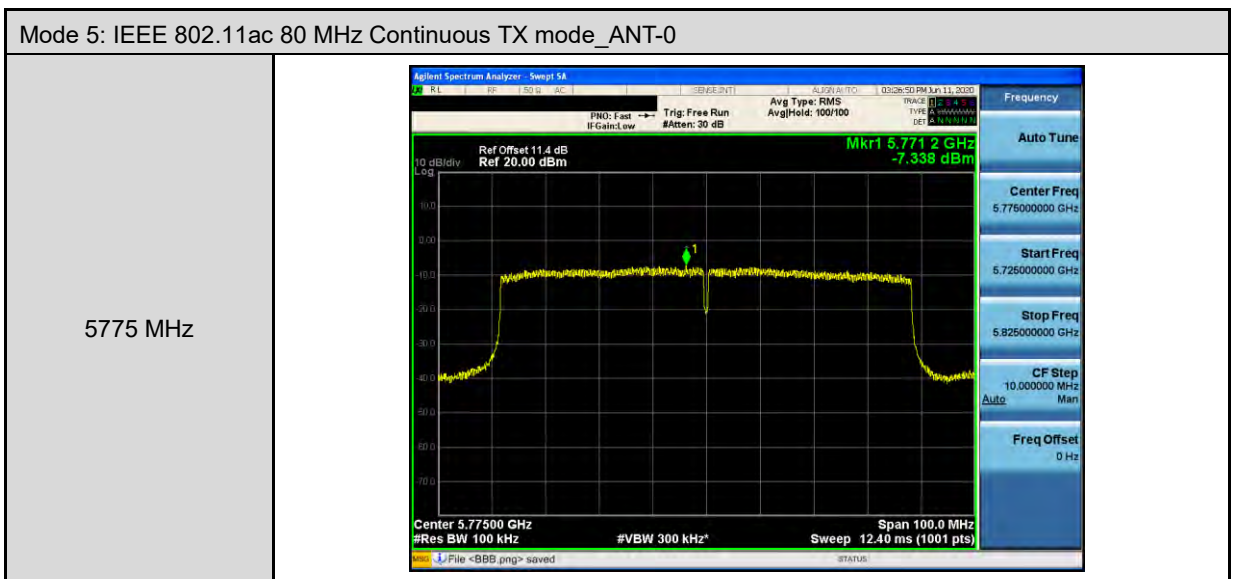
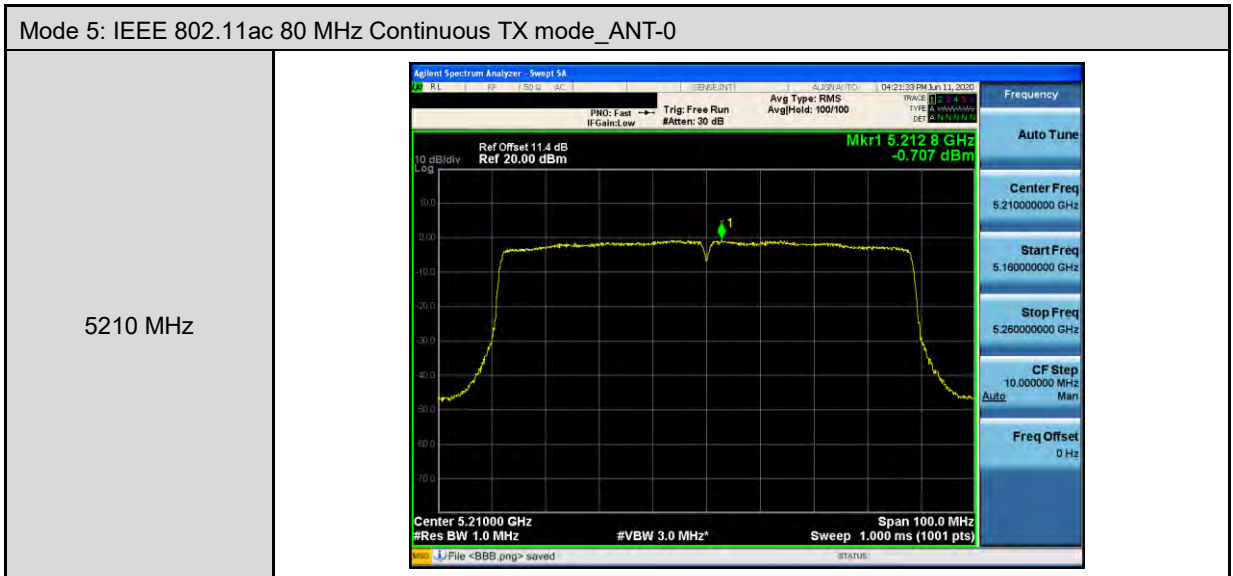
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-0	
5180 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.177 76 GHz 7.010 dBm Center 5.18000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts) File <8BB.png> saved</p>
5200 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.202 28 GHz 8.090 dBm Center 5.20000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts) File <8BB.png> saved</p>
5240 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.237 72 GHz 7.939 dBm Center 5.24000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts) File <8BB.png> saved</p>



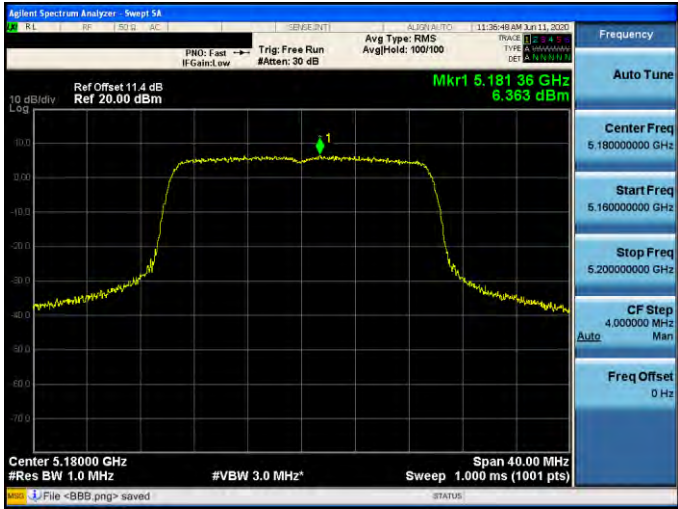
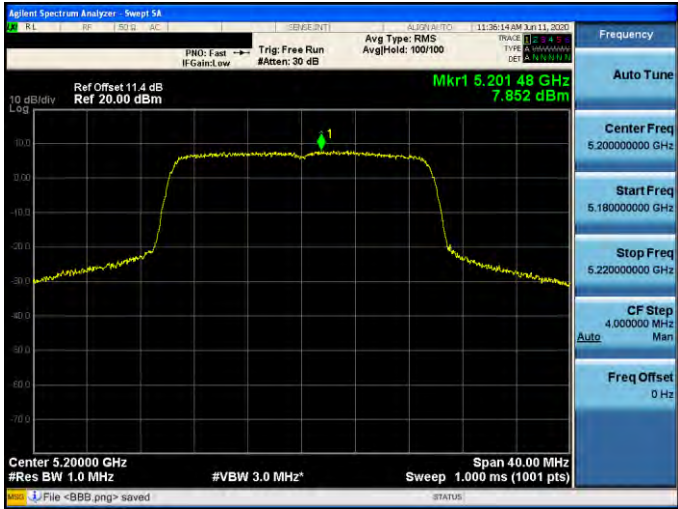
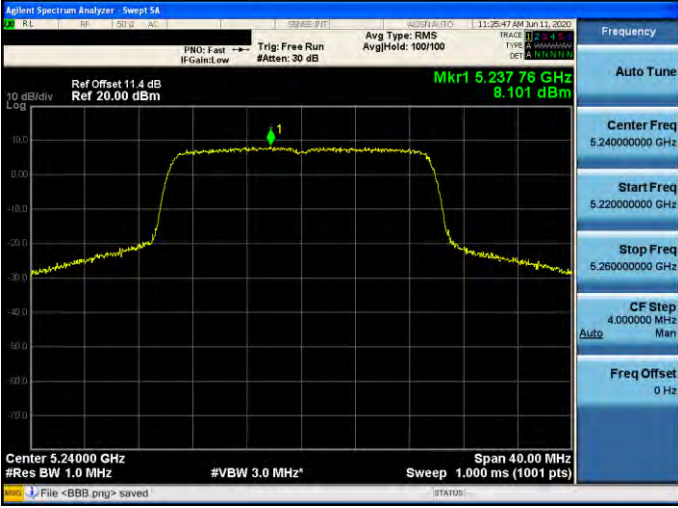
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-0	
5745 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.739 36 GHz -1.905 dBm Center 5.74500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p>
5785 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.788 44 GHz -1.494 dBm Center 5.78500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p>
5825 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.823 76 GHz -1.176 dBm Center 5.82500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p>





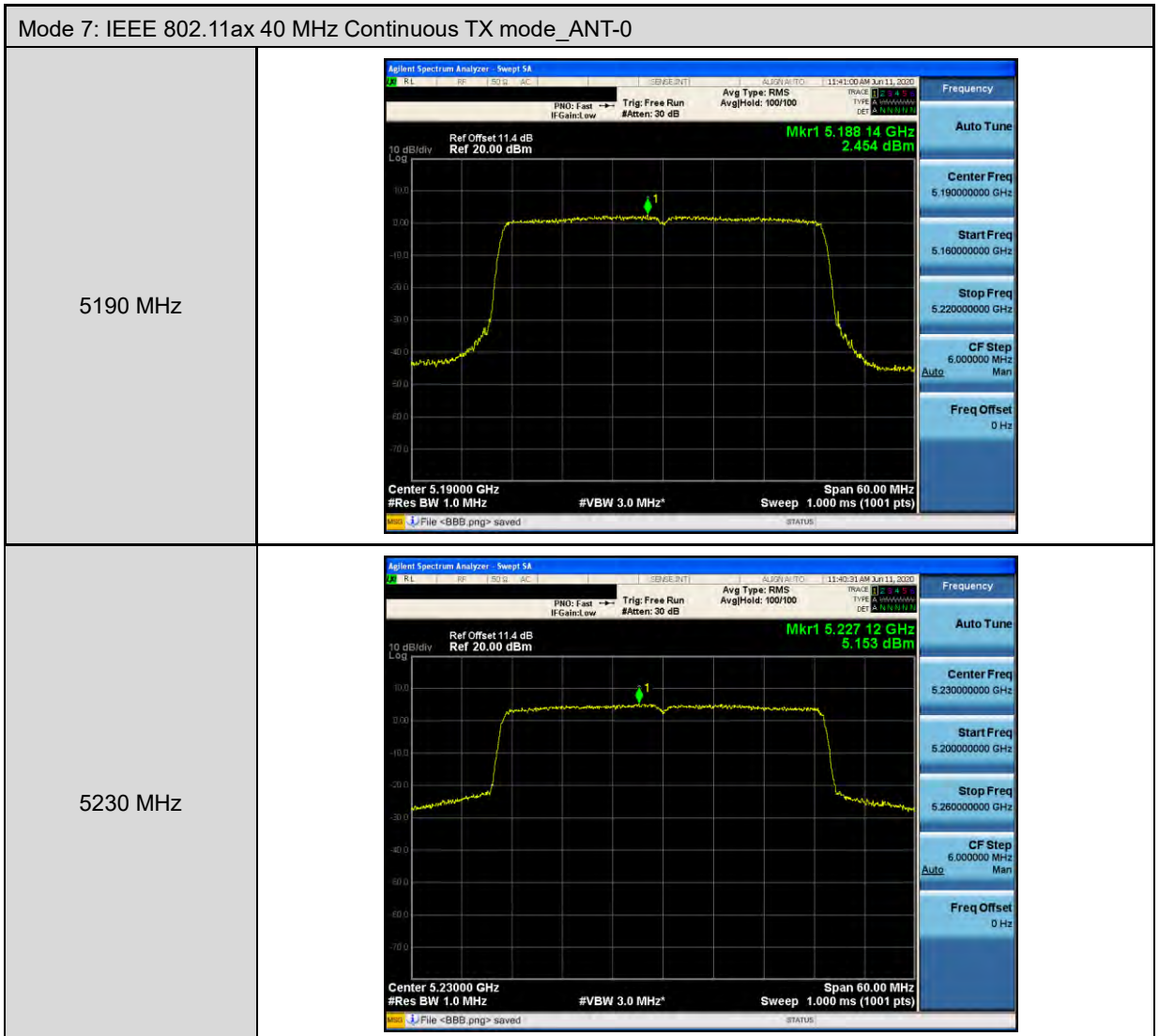


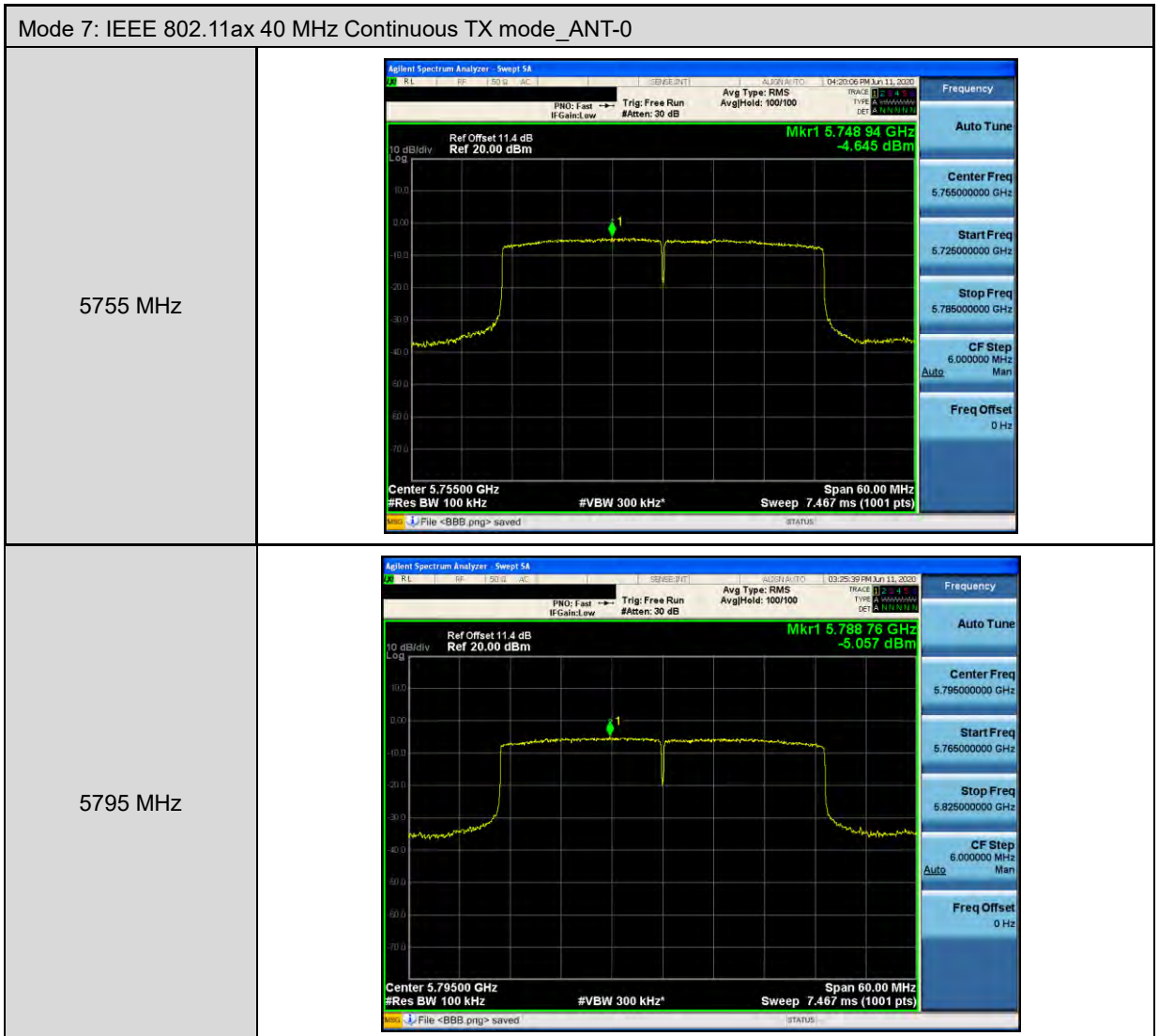


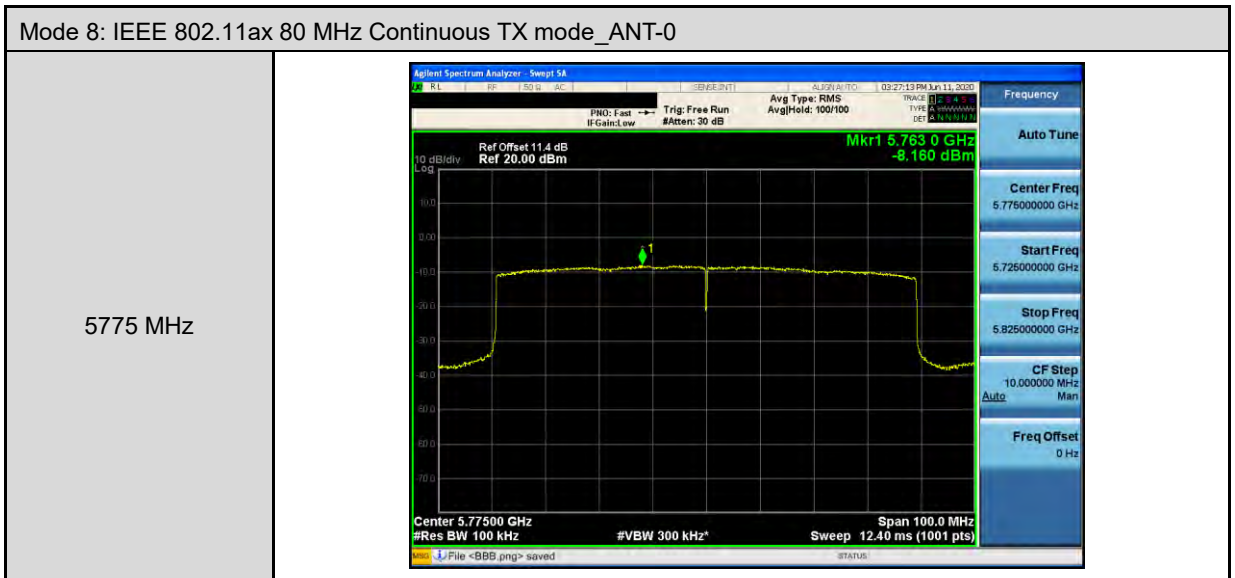
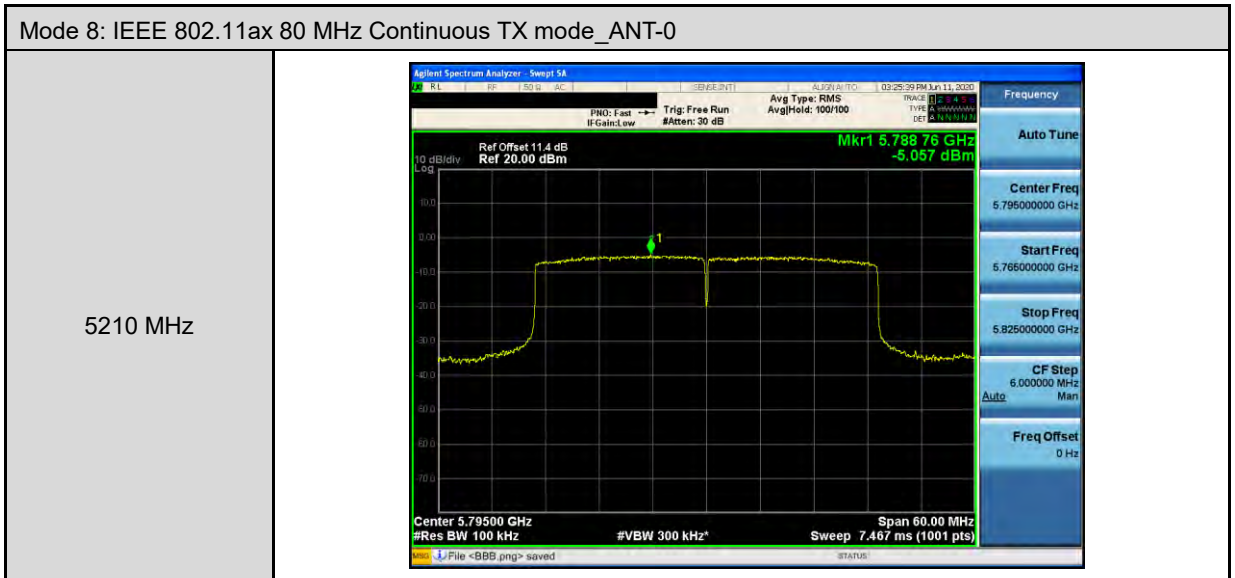
Mode 6: IEEE 802.11ax 20 MHz Continuous TX mode_ANT-0	
5180 MHz	 <p>Agilent Spectrum Analyzer: Sweep 5A PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.181 36 GHz 6.383 dBm Center 5.18000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts) Span 40.00 MHz File <BBB.png> saved</p>
5200 MHz	 <p>Agilent Spectrum Analyzer: Sweep 5A PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.201 48 GHz 7.852 dBm Center 5.20000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts) Span 40.00 MHz File <BBB.png> saved</p>
5240 MHz	 <p>Agilent Spectrum Analyzer: Sweep 5A PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.237 76 GHz 8.101 dBm Center 5.24000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts) Span 40.00 MHz File <BBB.png> saved</p>



Mode 6: IEEE 802.11ax 20 MHz Continuous TX mode_ANT-0	
5745 MHz	 <p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.742 20 GHz -2.055 dBm Center 5.74500 GHz #Res BW 100 kHz #VBW 300 kHz Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p>
5785 MHz	 <p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.786 12 GHz -2.041 dBm Center 5.78500 GHz #Res BW 100 kHz #VBW 300 kHz Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p>
5825 MHz	 <p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.826 28 GHz -2.401 dBm Center 5.82500 GHz #Res BW 100 kHz #VBW 300 kHz Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p>









Mode 2: IEEE 802.11a Continuous TX mode _ANT-1	
5180 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.178 80 GHz 5.911 dBm Center 5.18000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts)</p>
5200 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.202 48 GHz 5.705 dBm Center 5.20000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts)</p>
5240 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.237 52 GHz 5.823 dBm Center 5.24000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts)</p>



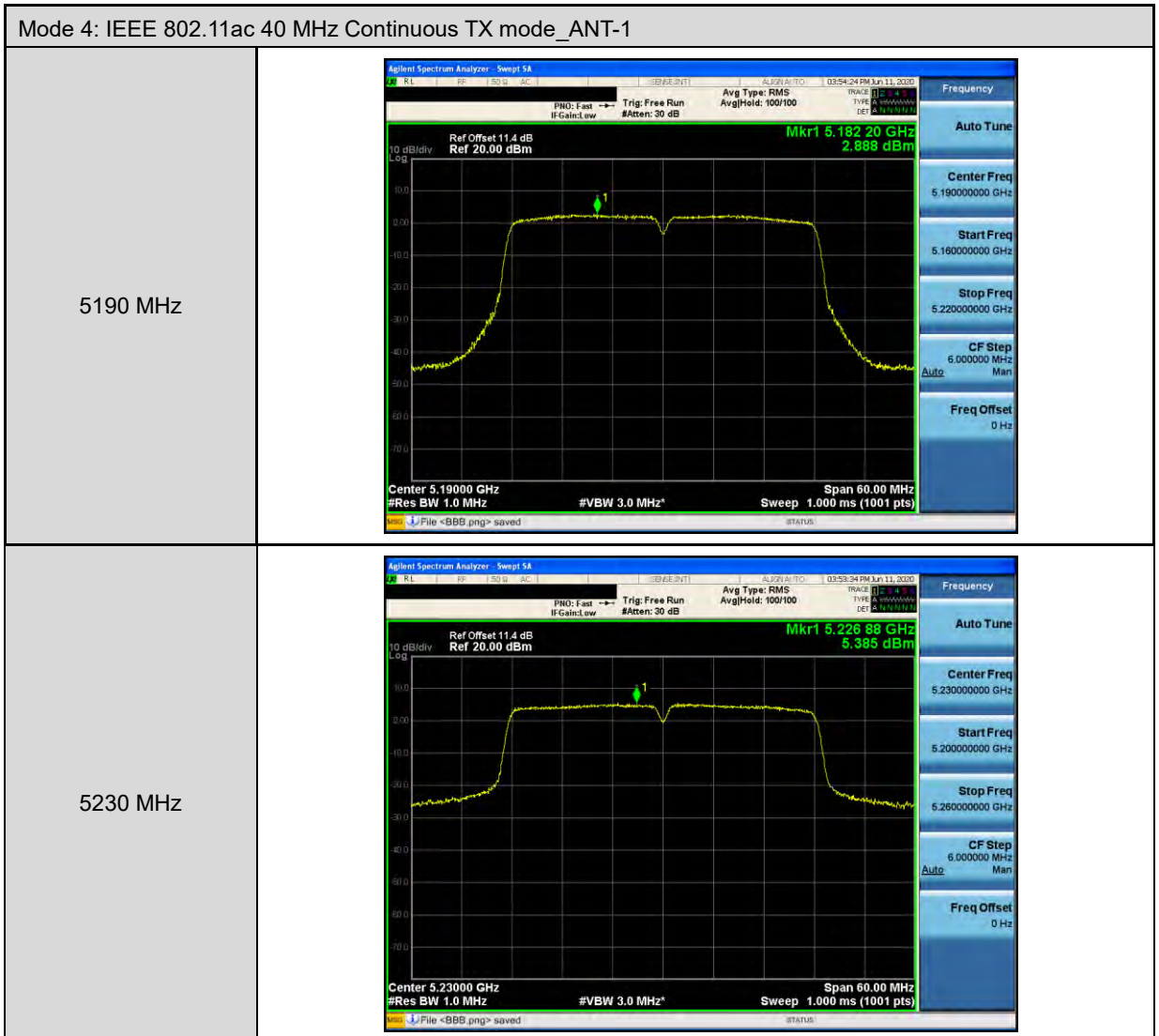
Mode 2: IEEE 802.11a Continuous TX mode_ANT-1	
5745 MHz	
5785 MHz	
5825 MHz	



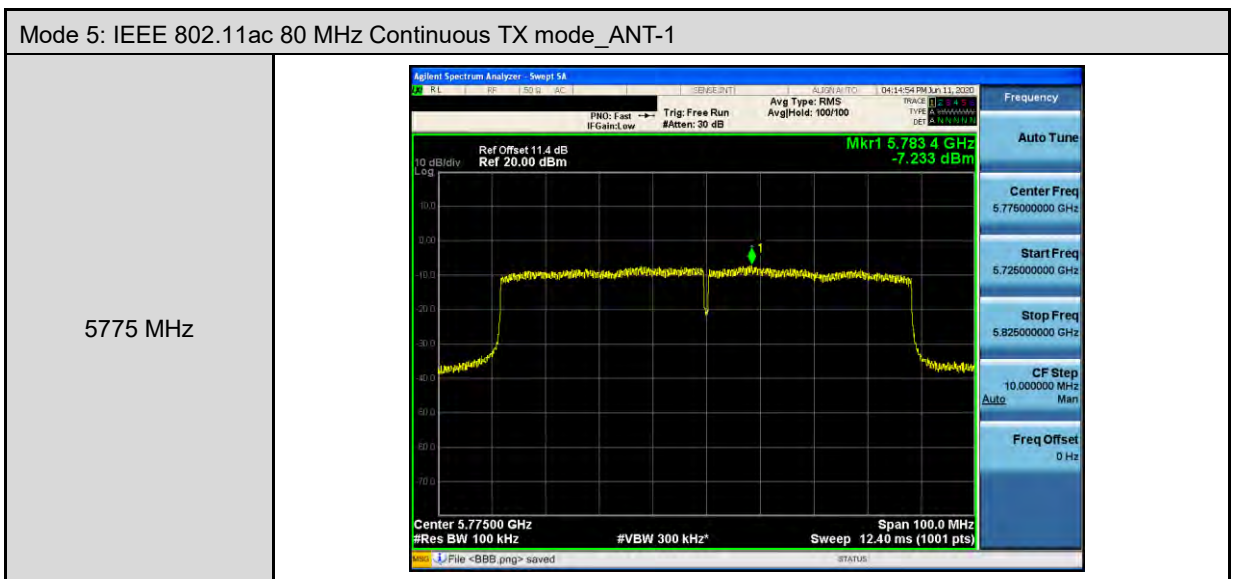
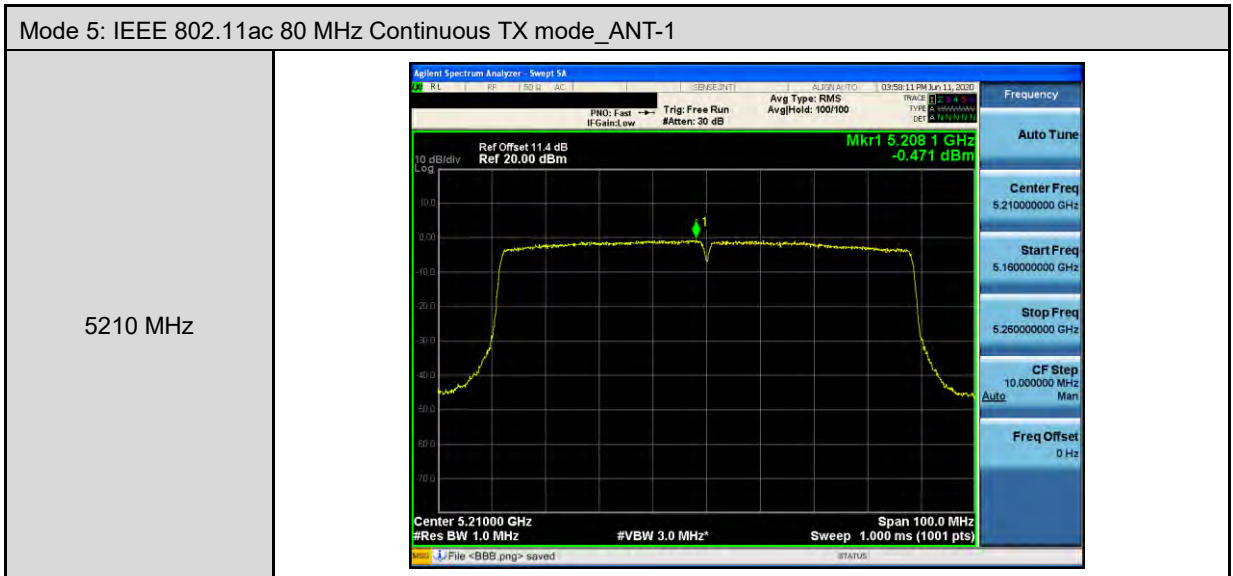
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-1	
5180 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.177 72 GHz 7.452 dBm Center 5.180000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts) File <BBB.png> saved</p>
5200 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.201 52 GHz 7.968 dBm Center 5.200000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts) File <BBB.png> saved</p>
5240 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.238 04 GHz 8.146 dBm Center 5.240000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts) File <BBB.png> saved</p>



Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-1	
5745 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.745 80 GHz -0.987 dBm Center 5.74500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p>
5785 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.780 64 GHz -1.594 dBm Center 5.78500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p>
5825 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.828 12 GHz -1.535 dBm Center 5.82500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p>










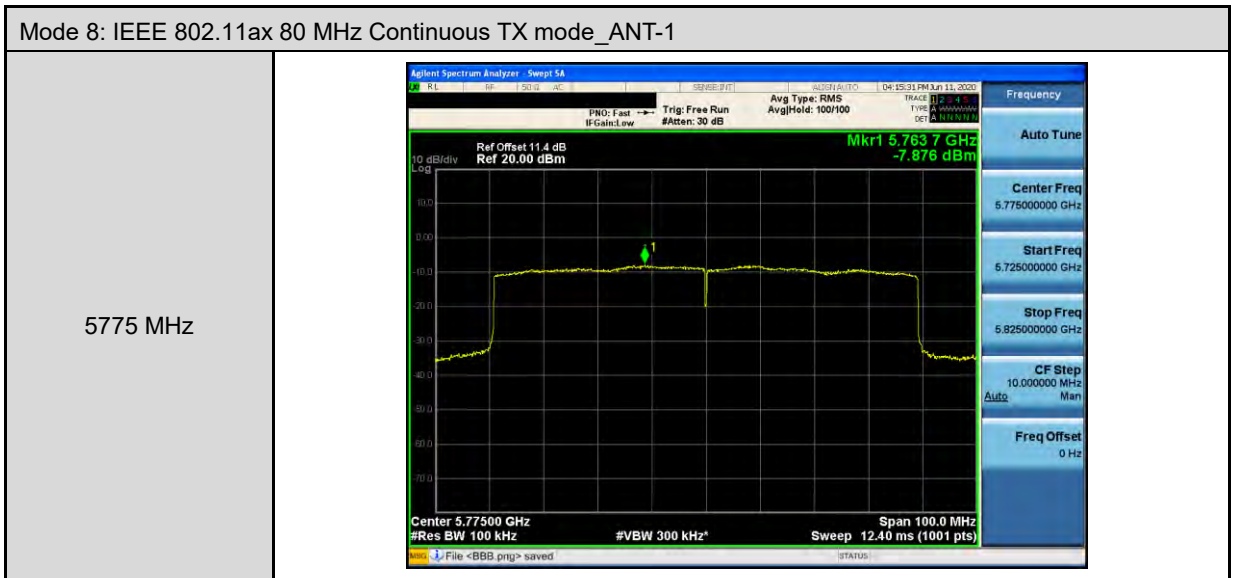
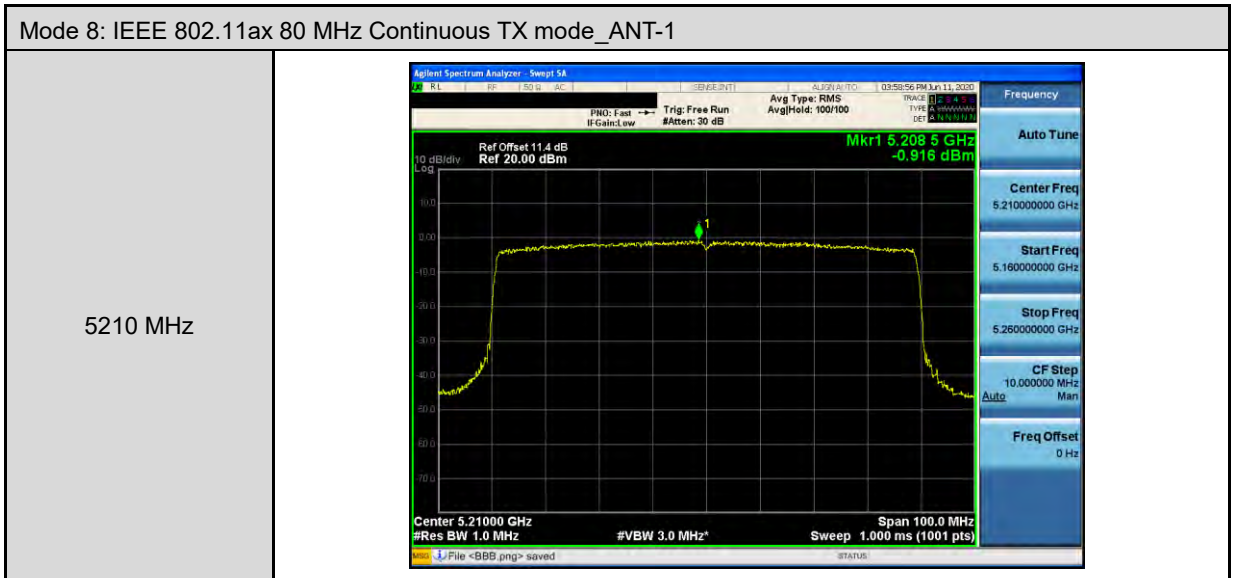
Mode 6: IEEE 802.11ax 20 MHz Continuous TX mode_ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	



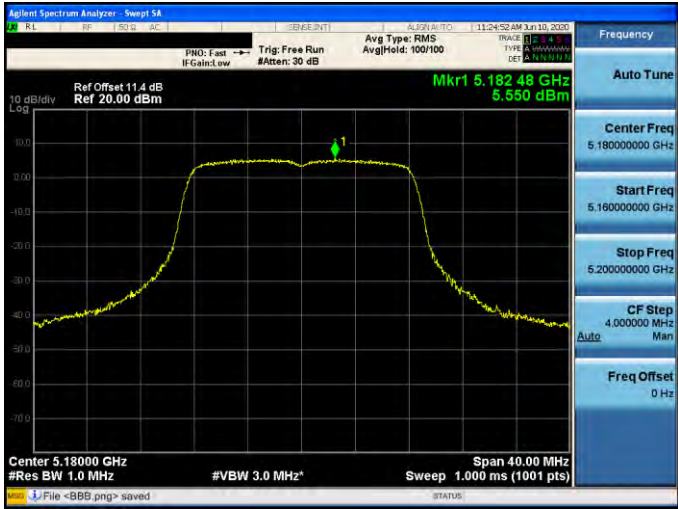
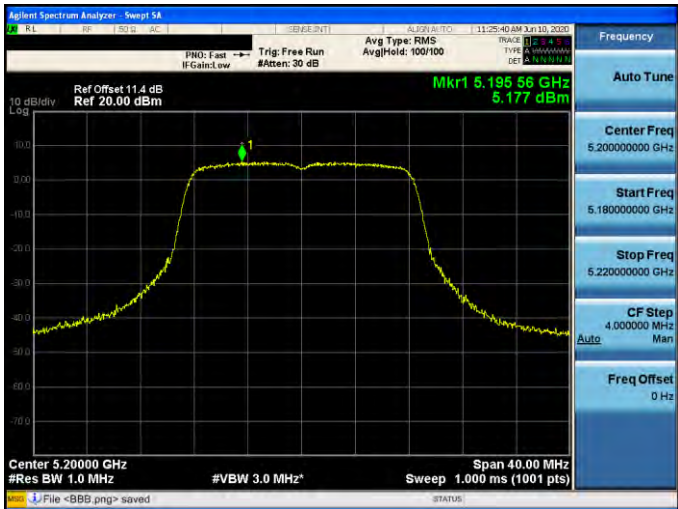

Mode 6: IEEE 802.11ax 20 MHz Continuous TX mode_ANT-1	
5745 MHz	 <p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.746 64 GHz -2.023 dBm Center 5.74500 GHz #Res BW 100 kHz #VBW 300 kHz Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p>
5785 MHz	 <p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.782 20 GHz -1.994 dBm Center 5.78500 GHz #Res BW 100 kHz #VBW 300 kHz Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p>
5825 MHz	 <p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.828 60 GHz -2.821 dBm Center 5.82500 GHz #Res BW 100 kHz #VBW 300 kHz Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p>




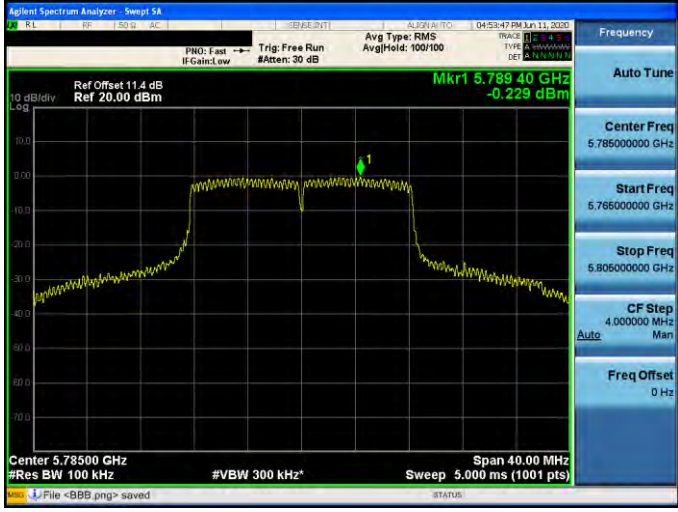







Mode 2: IEEE 802.11a Continuous TX mode _ANT-2	
5180 MHz	
5200 MHz	
5240 MHz	



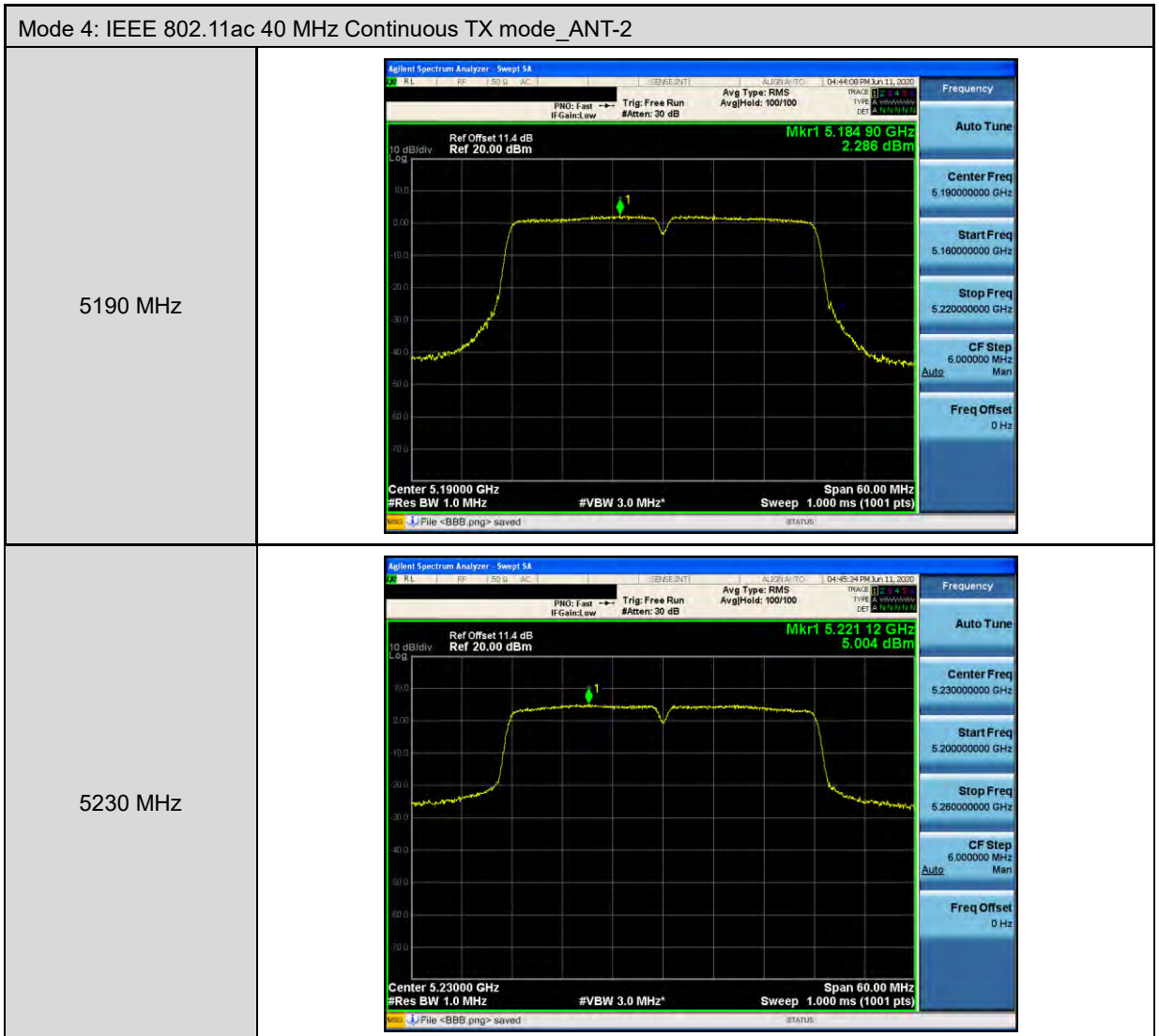
Mode 2: IEEE 802.11a Continuous TX mode _ANT-2	
5745 MHz	 <p>Agilent Spectrum Analyzer: Sweep 5A PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.749 36 GHz 0.146 dBm Center 5.74500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts) File <BBB.png> saved</p>
5785 MHz	 <p>Agilent Spectrum Analyzer: Sweep 5A PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.789 40 GHz -0.229 dBm Center 5.78500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts) File <BBB.png> saved</p>
5825 MHz	 <p>Agilent Spectrum Analyzer: Sweep 5A PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.820 64 GHz -0.328 dBm Center 5.82500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts) File <BBB.png> saved</p>



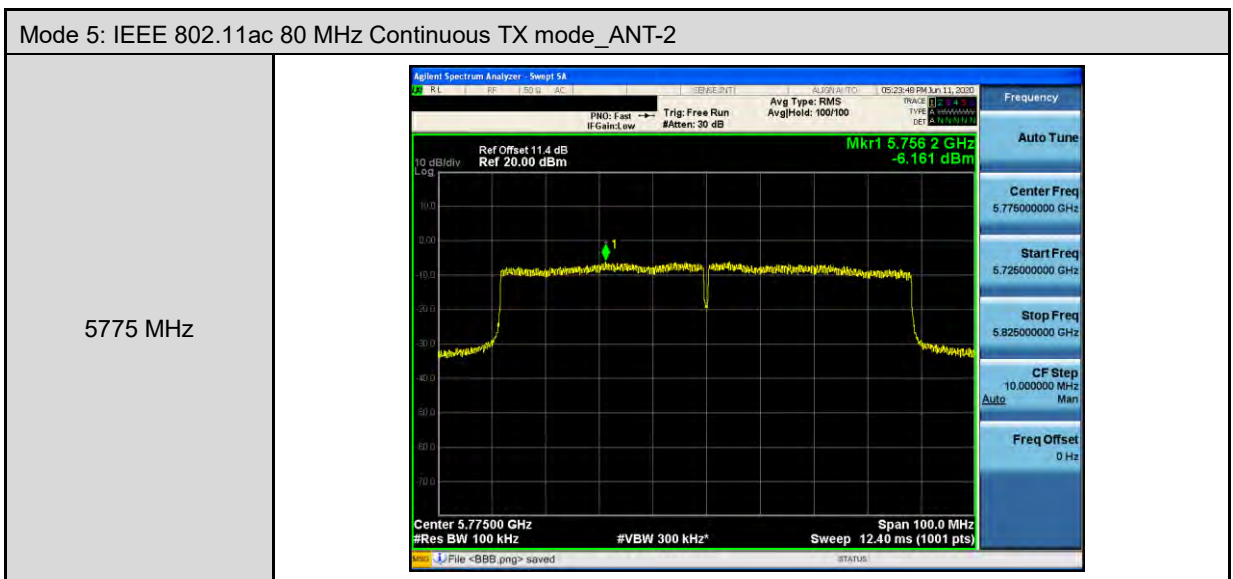
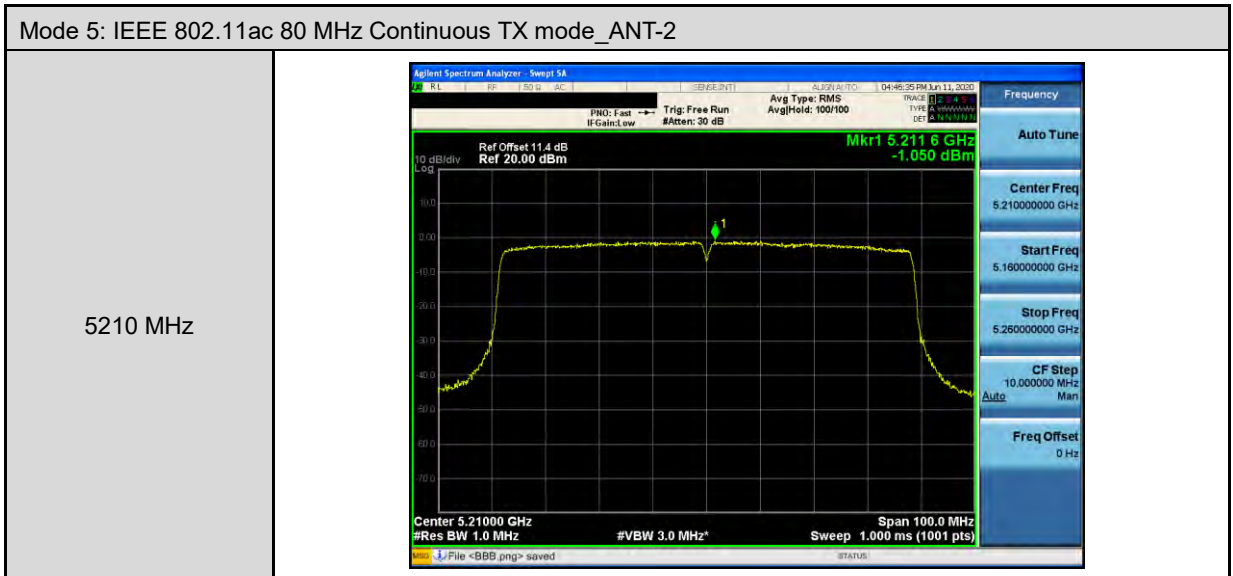
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-2	
5180 MHz	
5200 MHz	
5240 MHz	



Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-2	
5745 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.743 44 GHz -0.679 dBm Center 5.74500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p>
5785 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.789 36 GHz -0.412 dBm Center 5.78500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p>
5825 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.829 96 GHz -0.792 dBm Center 5.82500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p>





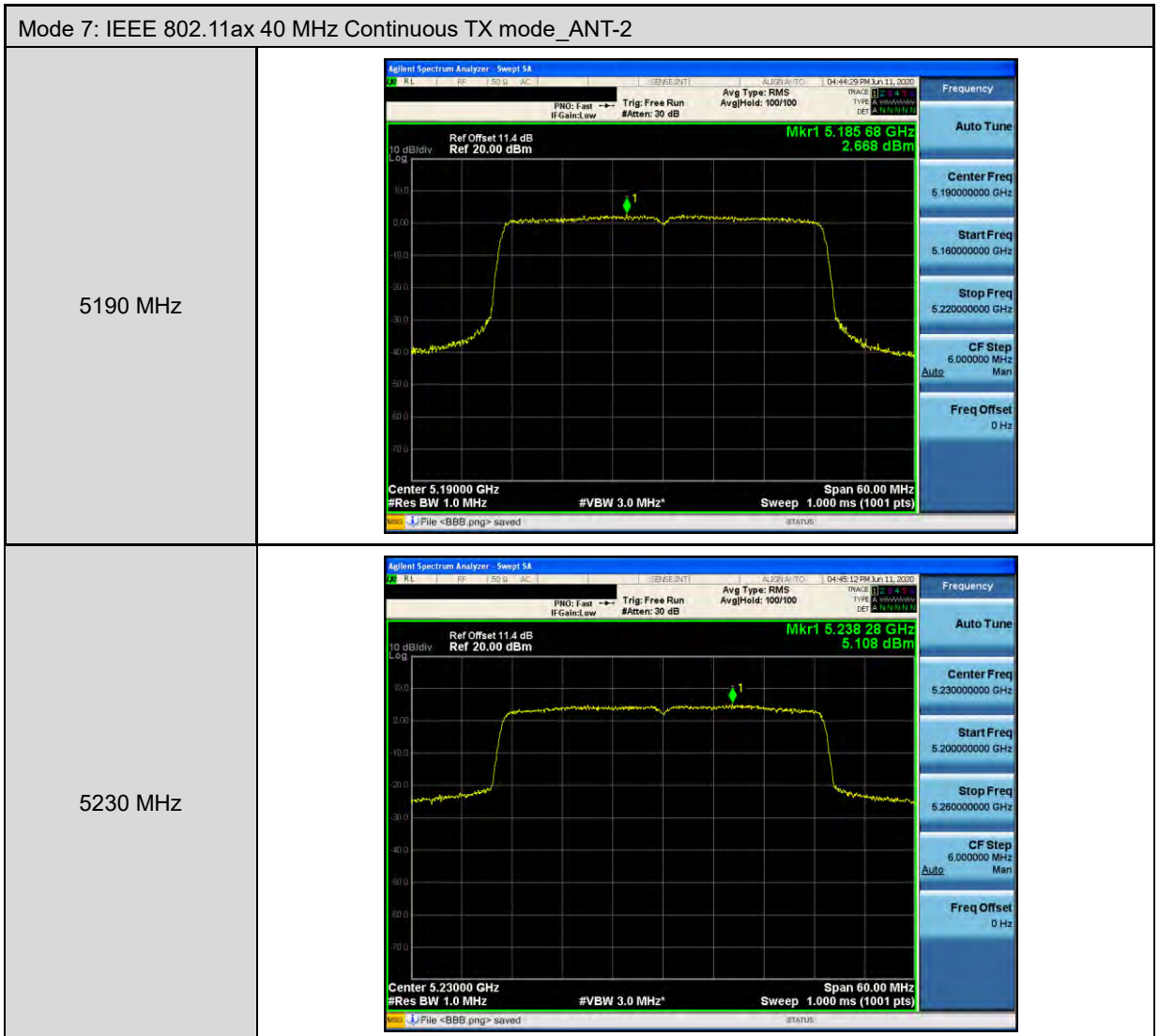




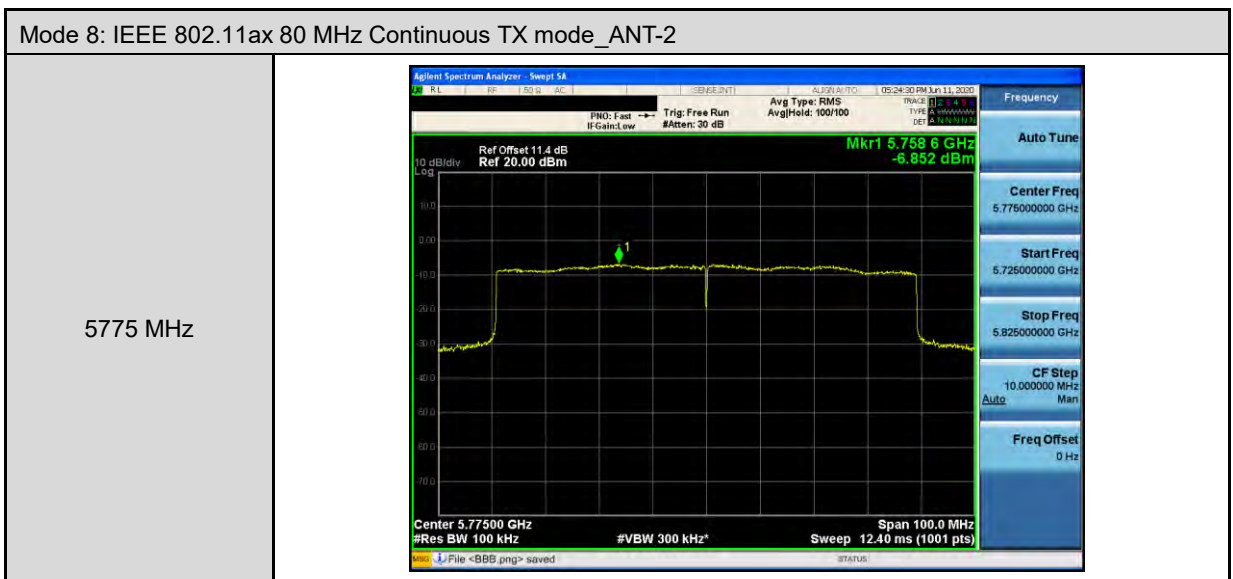
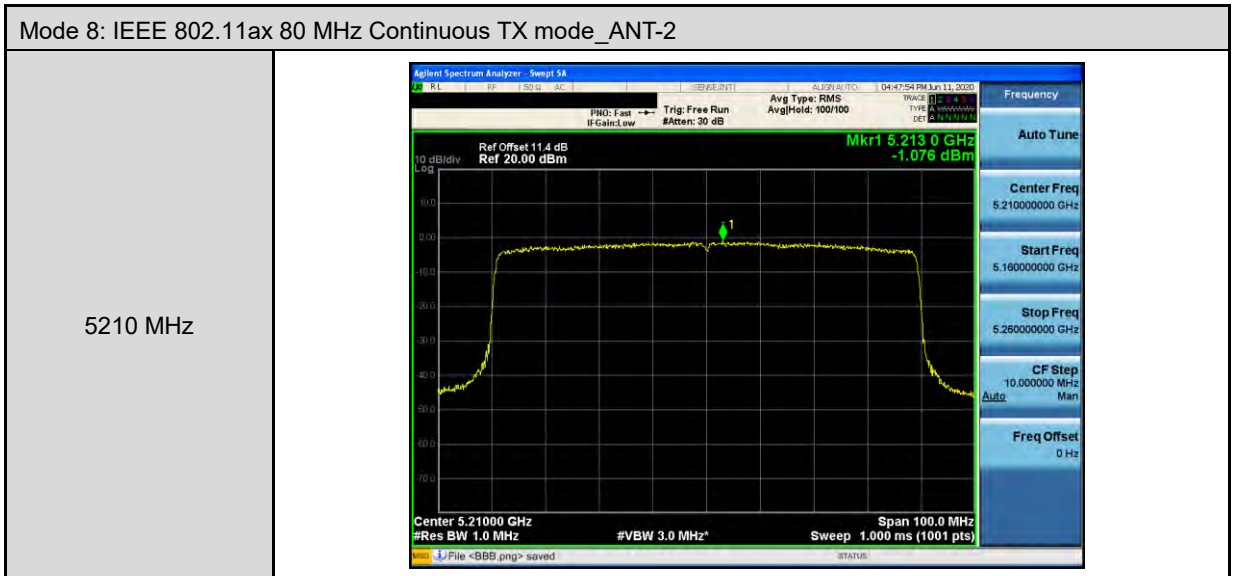
Mode 6: IEEE 802.11ax 20 MHz Continuous TX mode_ANT-2									
5180 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A Date/Time: 04:42:54 PM Jun 11, 2020 PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.178 76 GHz 6.802 dBm Center 5.18000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Span 40.00 MHz Sweep 1.000 ms (1001 pts) File <BBB.png> saved</p> <table border="1"><tr><td>Frequency</td></tr><tr><td>Auto Tune</td></tr><tr><td>Center Freq 5.18000000 GHz</td></tr><tr><td>Start Freq 5.16000000 GHz</td></tr><tr><td>Stop Freq 5.20000000 GHz</td></tr><tr><td>CF Step 4.000000 MHz</td></tr><tr><td>Auto Man</td></tr><tr><td>Freq Offset 0 Hz</td></tr></table>	Frequency	Auto Tune	Center Freq 5.18000000 GHz	Start Freq 5.16000000 GHz	Stop Freq 5.20000000 GHz	CF Step 4.000000 MHz	Auto Man	Freq Offset 0 Hz
Frequency									
Auto Tune									
Center Freq 5.18000000 GHz									
Start Freq 5.16000000 GHz									
Stop Freq 5.20000000 GHz									
CF Step 4.000000 MHz									
Auto Man									
Freq Offset 0 Hz									
5200 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A Date/Time: 04:42:16 PM Jun 11, 2020 PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.196 84 GHz 7.664 dBm Center 5.20000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Span 40.00 MHz Sweep 1.000 ms (1001 pts) File <BBB.png> saved</p> <table border="1"><tr><td>Frequency</td></tr><tr><td>Auto Tune</td></tr><tr><td>Center Freq 5.20000000 GHz</td></tr><tr><td>Start Freq 5.18000000 GHz</td></tr><tr><td>Stop Freq 5.22000000 GHz</td></tr><tr><td>CF Step 4.000000 MHz</td></tr><tr><td>Auto Man</td></tr><tr><td>Freq Offset 0 Hz</td></tr></table>	Frequency	Auto Tune	Center Freq 5.20000000 GHz	Start Freq 5.18000000 GHz	Stop Freq 5.22000000 GHz	CF Step 4.000000 MHz	Auto Man	Freq Offset 0 Hz
Frequency									
Auto Tune									
Center Freq 5.20000000 GHz									
Start Freq 5.18000000 GHz									
Stop Freq 5.22000000 GHz									
CF Step 4.000000 MHz									
Auto Man									
Freq Offset 0 Hz									
5240 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A Date/Time: 04:43:49 PM Jun 11, 2020 PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.242 96 GHz 7.824 dBm Center 5.24000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Span 40.00 MHz Sweep 1.000 ms (1001 pts) File <BBB.png> saved</p> <table border="1"><tr><td>Frequency</td></tr><tr><td>Auto Tune</td></tr><tr><td>Center Freq 5.24000000 GHz</td></tr><tr><td>Start Freq 5.22000000 GHz</td></tr><tr><td>Stop Freq 5.26000000 GHz</td></tr><tr><td>CF Step 4.000000 MHz</td></tr><tr><td>Auto Man</td></tr><tr><td>Freq Offset 0 Hz</td></tr></table>	Frequency	Auto Tune	Center Freq 5.24000000 GHz	Start Freq 5.22000000 GHz	Stop Freq 5.26000000 GHz	CF Step 4.000000 MHz	Auto Man	Freq Offset 0 Hz
Frequency									
Auto Tune									
Center Freq 5.24000000 GHz									
Start Freq 5.22000000 GHz									
Stop Freq 5.26000000 GHz									
CF Step 4.000000 MHz									
Auto Man									
Freq Offset 0 Hz									



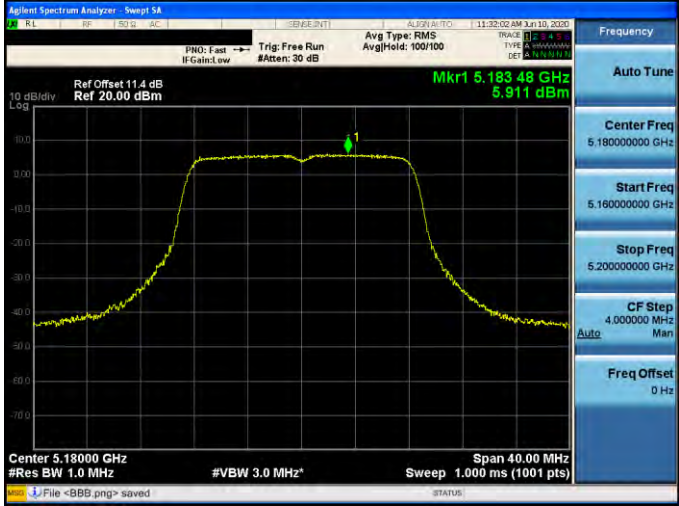
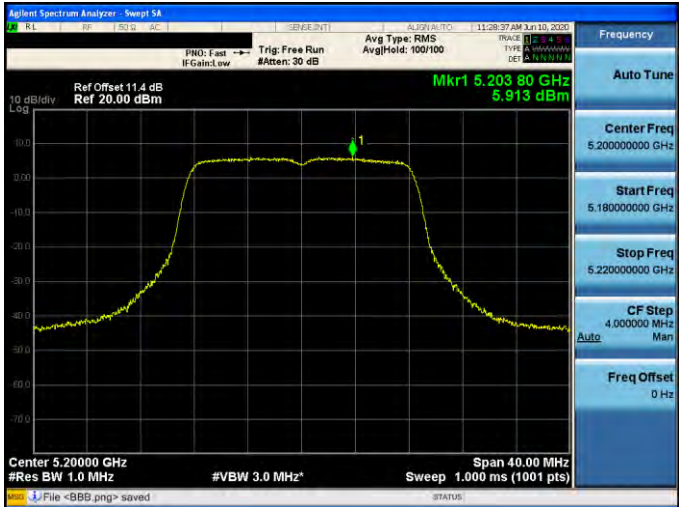

Mode 6: IEEE 802.11ax 20 MHz Continuous TX mode_ANT-2	
5745 MHz	 <p>Agilent Spectrum Analyzer: Sweep 5A PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.741 52 GHz -1.062 dBm Center 5.74500 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 5.000 ms (1001 pts) Span 40.00 MHz File <BBB.png> saved</p>
5785 MHz	 <p>Agilent Spectrum Analyzer: Sweep 5A PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.780 92 GHz -1.290 dBm Center 5.78500 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 5.000 ms (1001 pts) Span 40.00 MHz File <BBB.png> saved</p>
5825 MHz	 <p>Agilent Spectrum Analyzer: Sweep 5A PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.820 84 GHz -1.797 dBm Center 5.82500 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 5.000 ms (1001 pts) Span 40.00 MHz File <BBB.png> saved</p>









Mode 2: IEEE 802.11a Continuous TX mode _ANT-3	
5180 MHz	 <p>Agilent Spectrum Analyzer: Sweep SA Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.183 48 GHz 5.911 dBm Center 5.18000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts)</p>
5200 MHz	 <p>Agilent Spectrum Analyzer: Sweep SA Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.203 80 GHz 5.913 dBm Center 5.20000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts)</p>
5240 MHz	 <p>Agilent Spectrum Analyzer: Sweep SA Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.245 08 GHz 5.642 dBm Center 5.24000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts)</p>



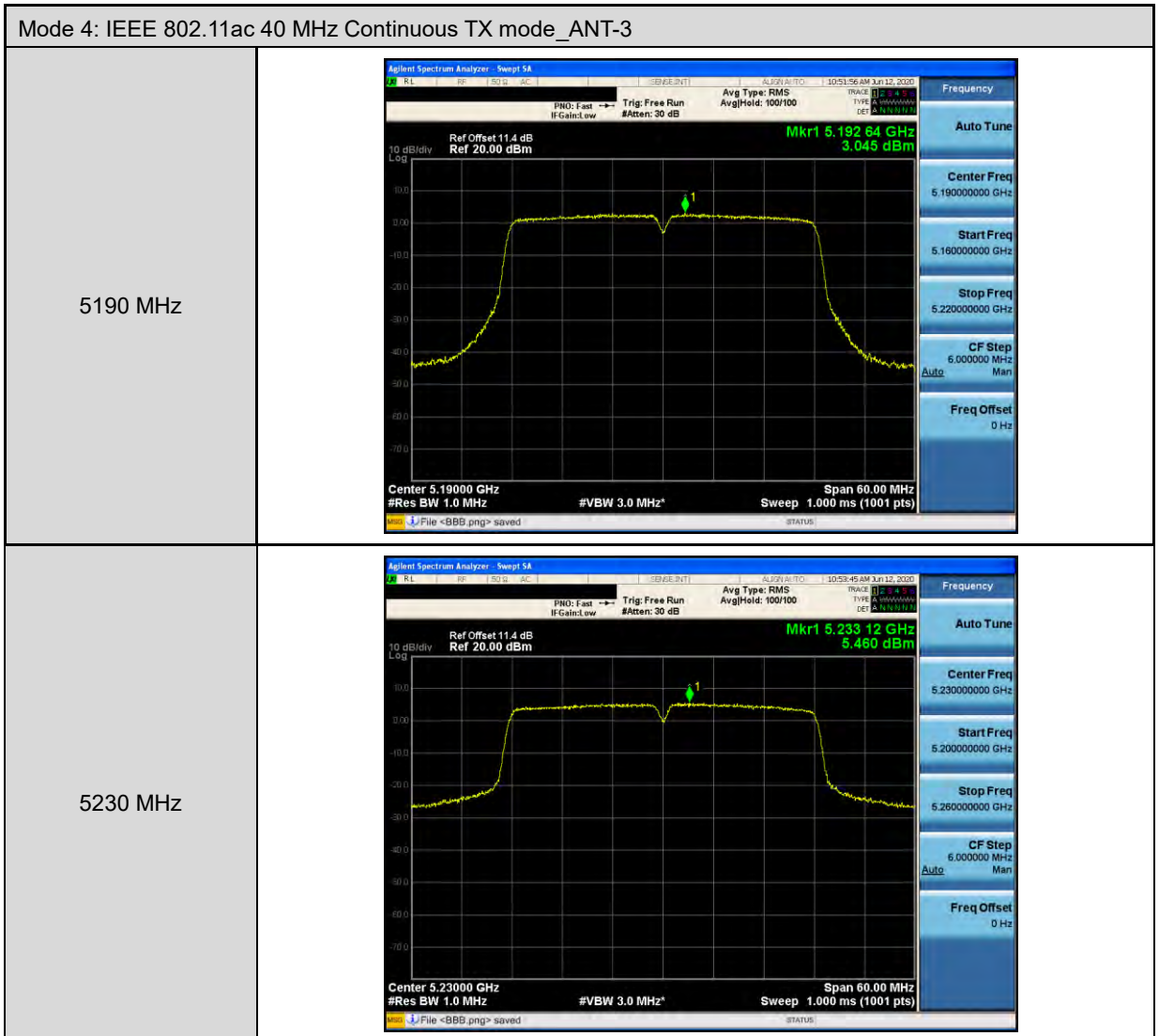
Mode 2: IEEE 802.11a Continuous TX mode _ANT-3	
5745 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS Avg Hold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.74716 GHz -0.691 dBm Center 5.74500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts) File <BBB.png> saved</p>
5785 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS Avg Hold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.78628 GHz -0.666 dBm Center 5.78500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts) File <BBB.png> saved</p>
5825 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS Avg Hold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.82188 GHz -0.335 dBm Center 5.82500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts) File <BBB.png> saved</p>

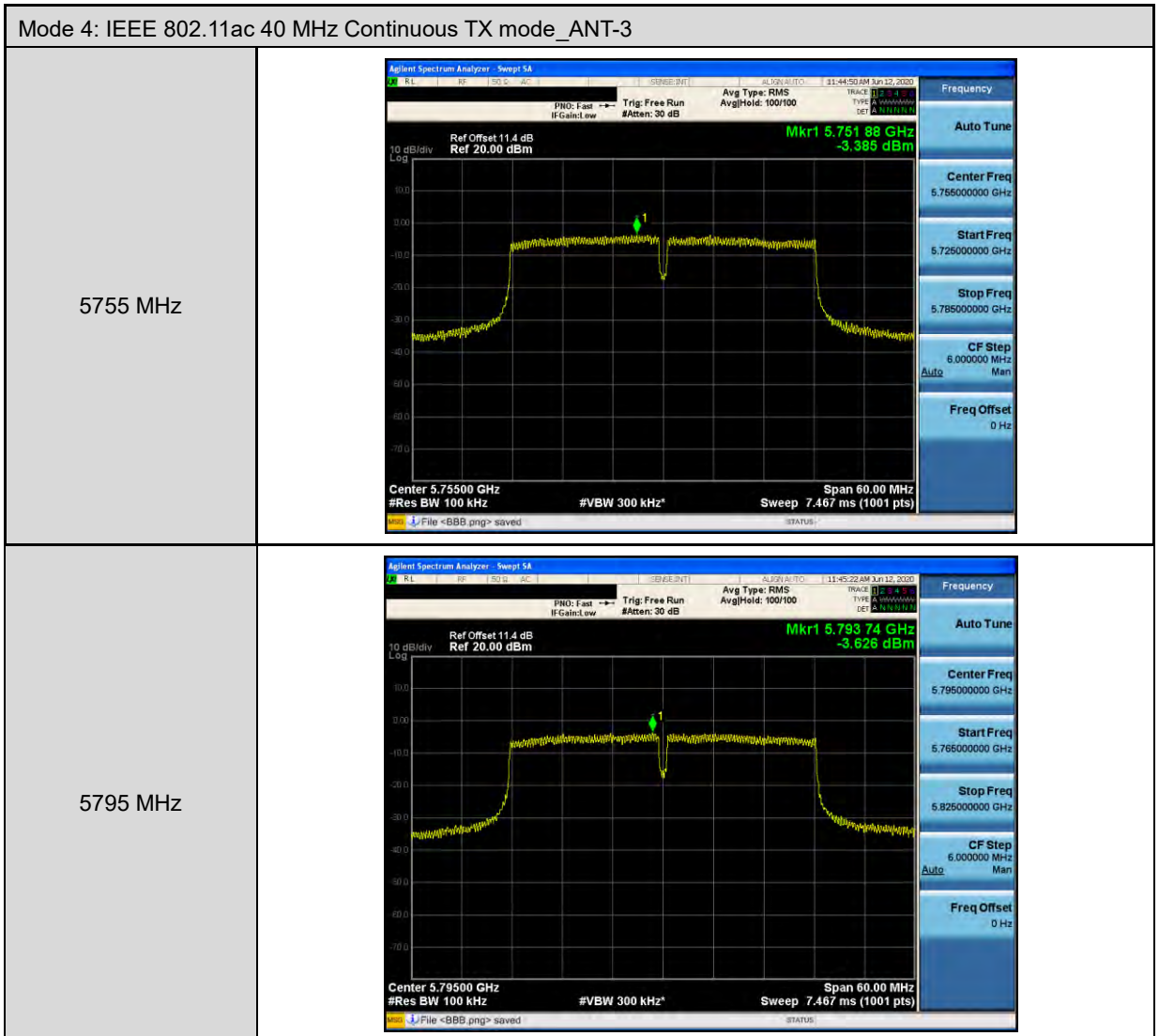


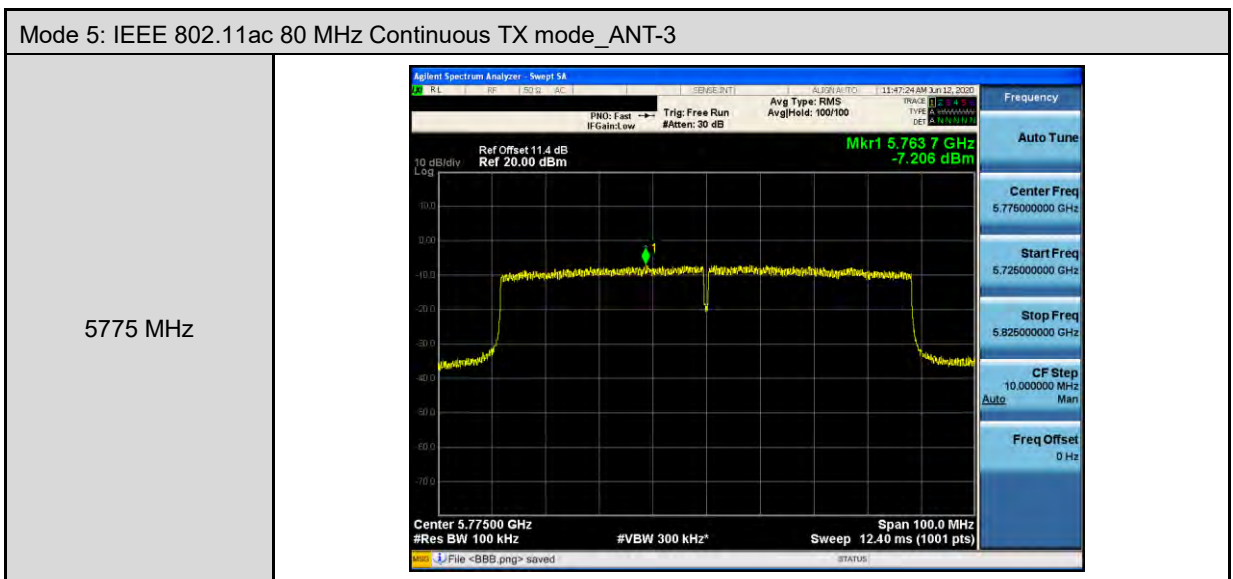
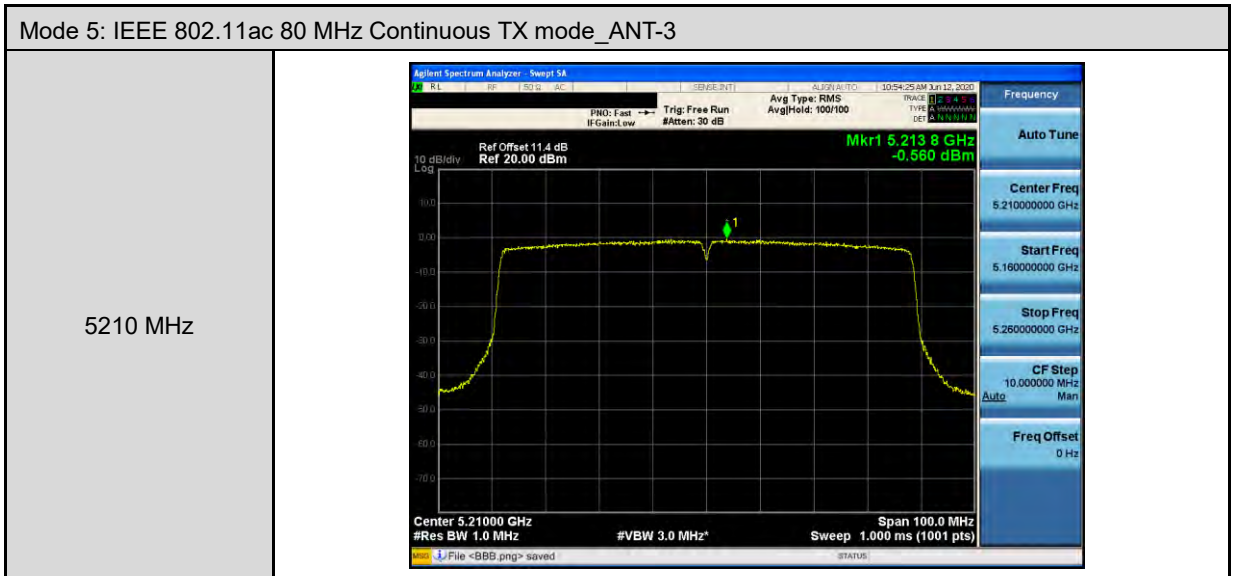
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-3	
5180 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset: 11.4 dB Ref: 20.00 dBm Mkr1 5.176 52 GHz 7.435 dBm Center 5.18000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts)</p>
5200 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset: 11.4 dB Ref: 20.00 dBm Mkr1 5.197 28 GHz 8.071 dBm Center 5.20000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts)</p>
5240 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset: 11.4 dB Ref: 20.00 dBm Mkr1 5.238 48 GHz 7.786 dBm Center 5.24000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts)</p>




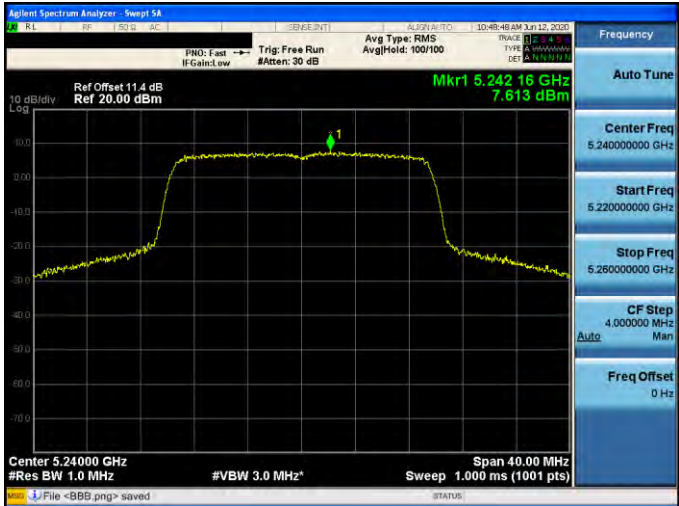
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-3									
5745 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A 11:40:26 AM Jun 12, 2020 PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS Avg Hold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.741 24 GHz -1.106 dBm 10 dB/div Log Center 5.74500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts) File <8BB.png> saved</p> <table border="1"><tr><td>Frequency</td></tr><tr><td>Auto Tune</td></tr><tr><td>Center Freq 5.74500000 GHz</td></tr><tr><td>Start Freq 5.72500000 GHz</td></tr><tr><td>Stop Freq 5.76500000 GHz</td></tr><tr><td>CF Step 4.00000 MHz</td></tr><tr><td>Auto Man</td></tr><tr><td>Freq Offset 0 Hz</td></tr></table>	Frequency	Auto Tune	Center Freq 5.74500000 GHz	Start Freq 5.72500000 GHz	Stop Freq 5.76500000 GHz	CF Step 4.00000 MHz	Auto Man	Freq Offset 0 Hz
Frequency									
Auto Tune									
Center Freq 5.74500000 GHz									
Start Freq 5.72500000 GHz									
Stop Freq 5.76500000 GHz									
CF Step 4.00000 MHz									
Auto Man									
Freq Offset 0 Hz									
5785 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A 11:39:51 AM Jun 12, 2020 PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS Avg Hold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.783 12 GHz -0.917 dBm 10 dB/div Log Center 5.78500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts) File <8BB.png> saved</p> <table border="1"><tr><td>Frequency</td></tr><tr><td>Auto Tune</td></tr><tr><td>Center Freq 5.78500000 GHz</td></tr><tr><td>Start Freq 5.76500000 GHz</td></tr><tr><td>Stop Freq 5.80500000 GHz</td></tr><tr><td>CF Step 4.00000 MHz</td></tr><tr><td>Auto Man</td></tr><tr><td>Freq Offset 0 Hz</td></tr></table>	Frequency	Auto Tune	Center Freq 5.78500000 GHz	Start Freq 5.76500000 GHz	Stop Freq 5.80500000 GHz	CF Step 4.00000 MHz	Auto Man	Freq Offset 0 Hz
Frequency									
Auto Tune									
Center Freq 5.78500000 GHz									
Start Freq 5.76500000 GHz									
Stop Freq 5.80500000 GHz									
CF Step 4.00000 MHz									
Auto Man									
Freq Offset 0 Hz									
5825 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A 11:37:21 AM Jun 12, 2020 PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS Avg Hold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.830 00 GHz -0.606 dBm 10 dB/div Log Center 5.82500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts) File <8BB.png> saved</p> <table border="1"><tr><td>Frequency</td></tr><tr><td>Auto Tune</td></tr><tr><td>Center Freq 5.82500000 GHz</td></tr><tr><td>Start Freq 5.80500000 GHz</td></tr><tr><td>Stop Freq 5.84500000 GHz</td></tr><tr><td>CF Step 4.00000 MHz</td></tr><tr><td>Auto Man</td></tr><tr><td>Freq Offset 0 Hz</td></tr></table>	Frequency	Auto Tune	Center Freq 5.82500000 GHz	Start Freq 5.80500000 GHz	Stop Freq 5.84500000 GHz	CF Step 4.00000 MHz	Auto Man	Freq Offset 0 Hz
Frequency									
Auto Tune									
Center Freq 5.82500000 GHz									
Start Freq 5.80500000 GHz									
Stop Freq 5.84500000 GHz									
CF Step 4.00000 MHz									
Auto Man									
Freq Offset 0 Hz									





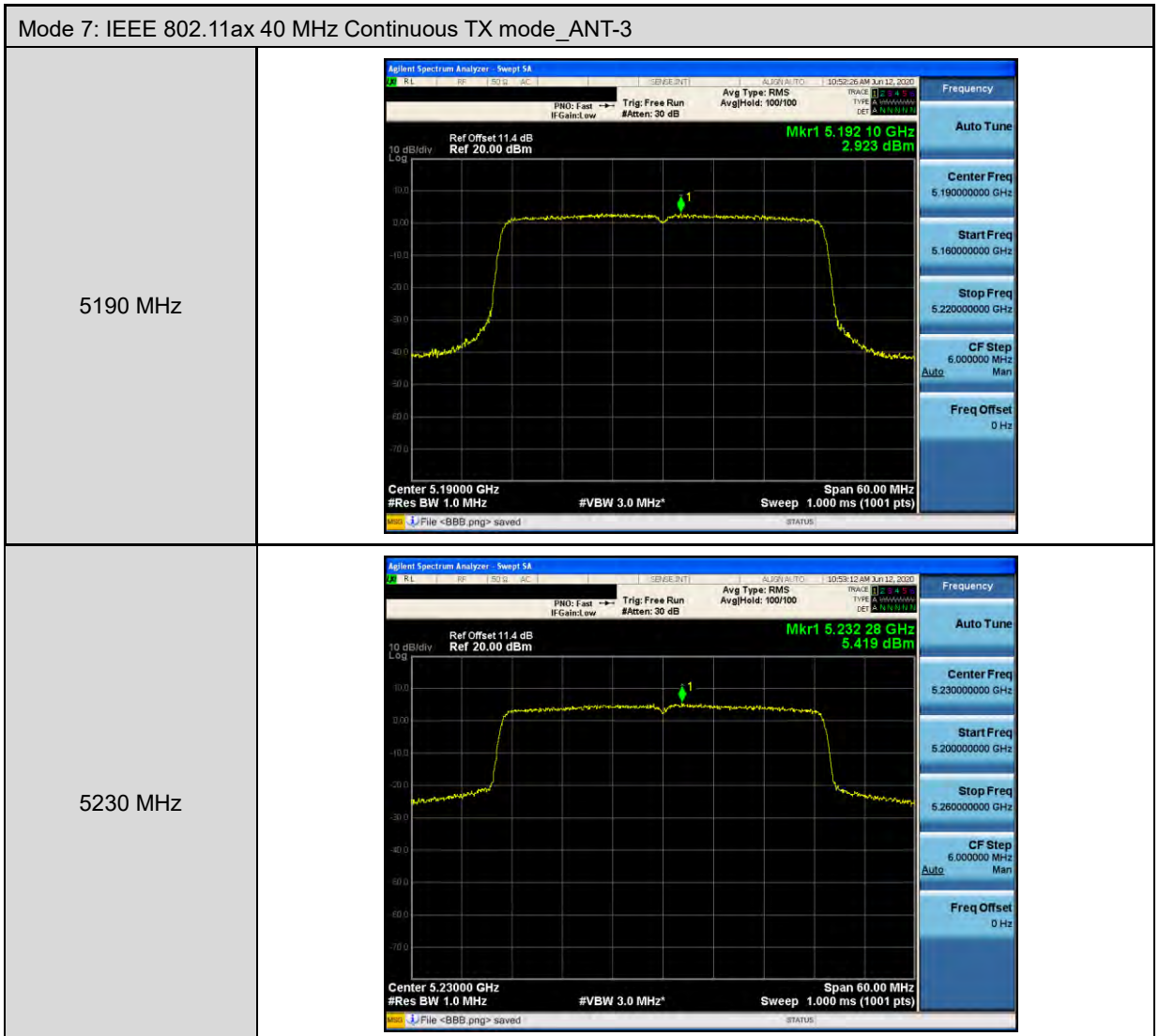


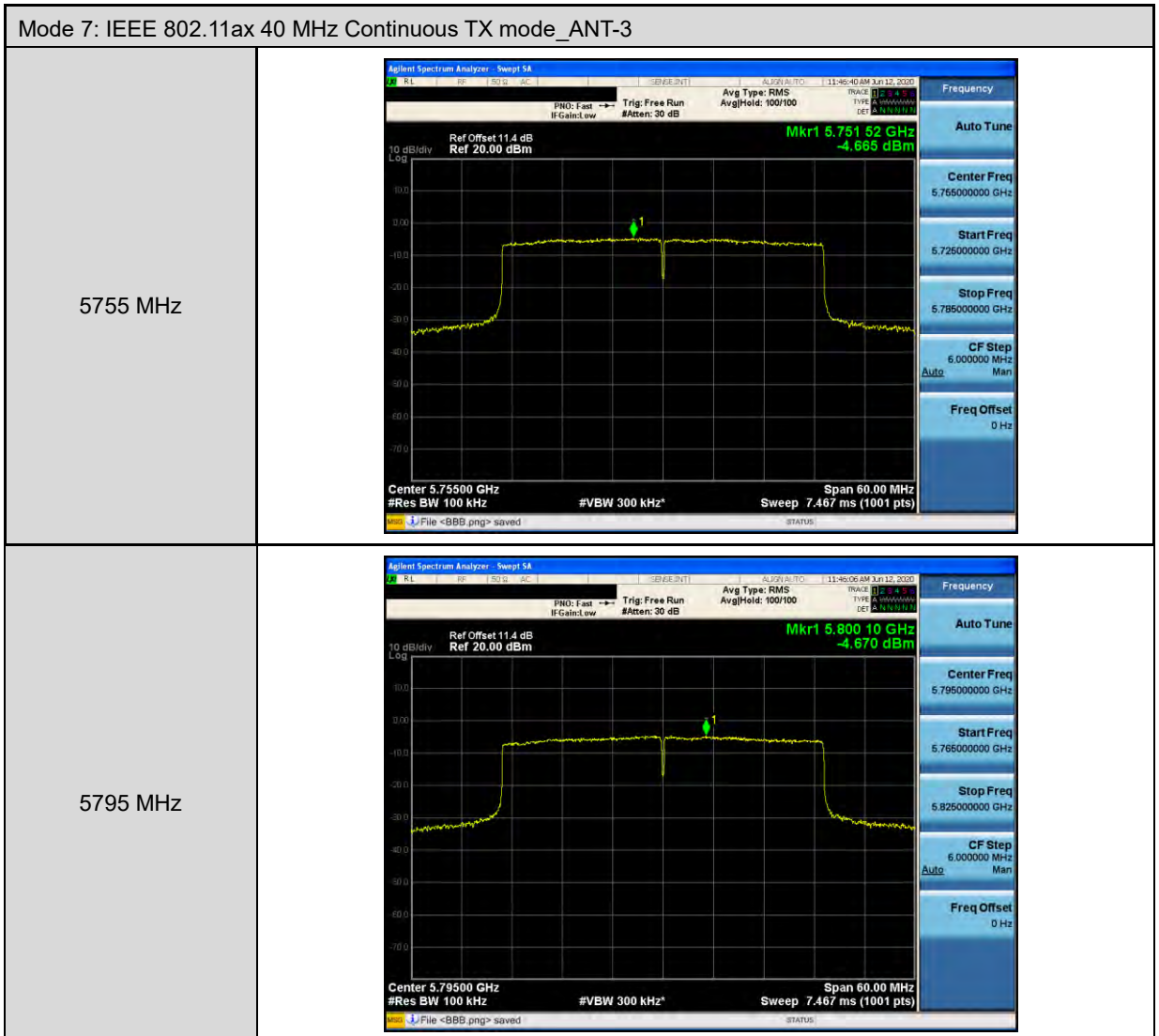


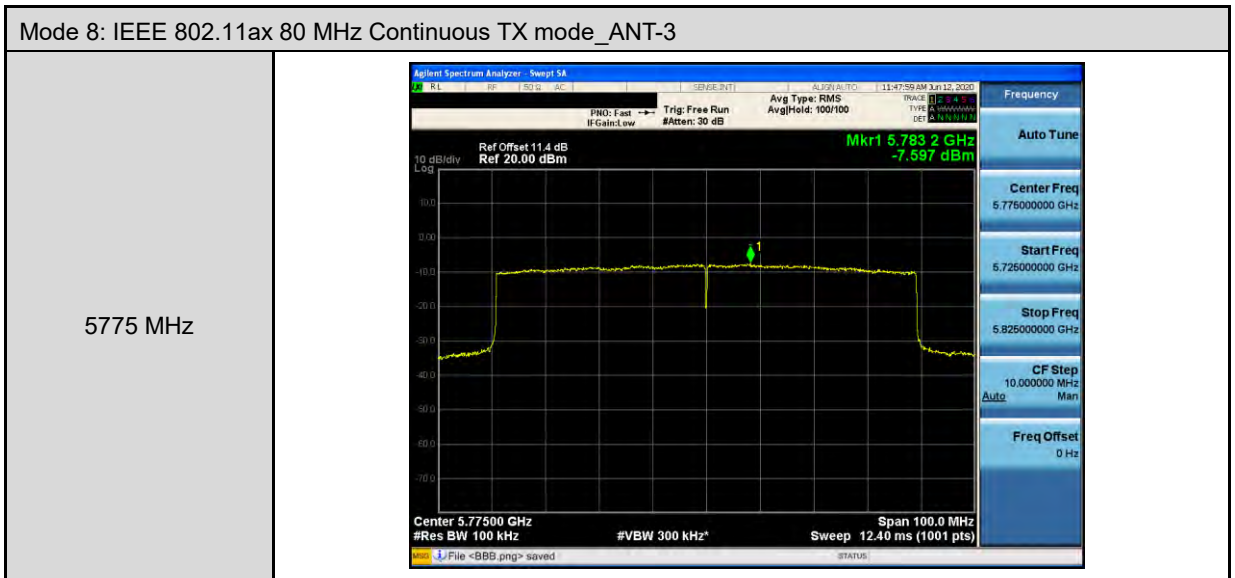
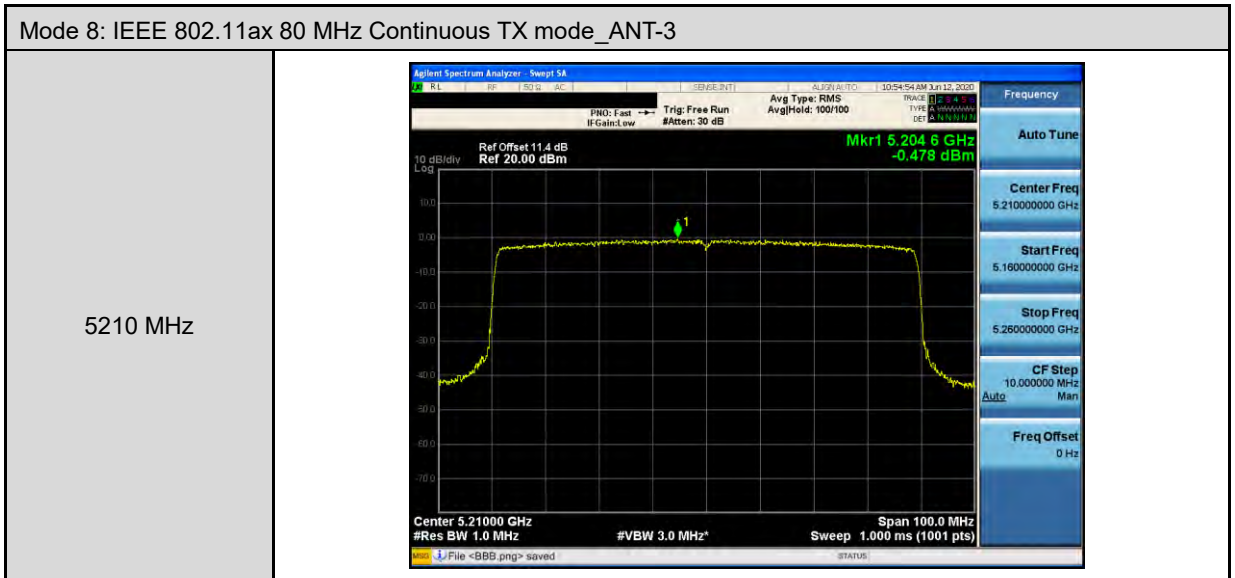
Mode 6: IEEE 802.11ax 20 MHz Continuous TX mode_ANT-3	
5180 MHz	 <p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.181 20 GHz 7.122 dBm Center 5.180000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts)</p>
5200 MHz	 <p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.197 76 GHz 7.936 dBm Center 5.200000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts)</p>
5240 MHz	 <p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.242 16 GHz 7.613 dBm Center 5.240000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts)</p>



Mode 6: IEEE 802.11ax 20 MHz Continuous TX mode_ANT-3	
5745 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.747 48 GHz -1.642 dBm Center 5.74500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p>
5785 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.789 24 GHz -2.037 dBm Center 5.78500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p>
5825 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.828 28 GHz -1.997 dBm Center 5.82500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p>

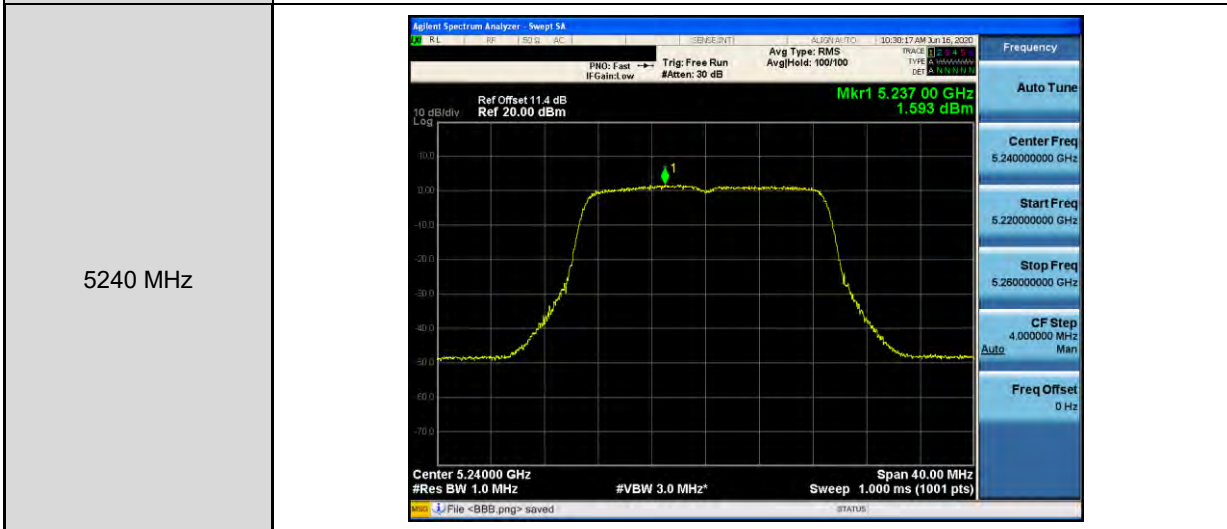
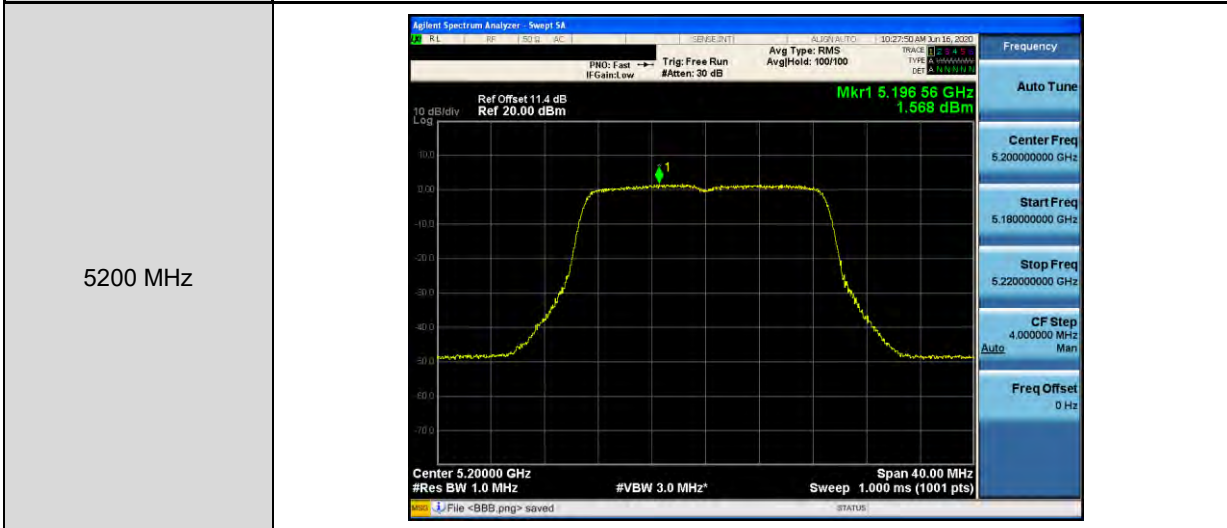
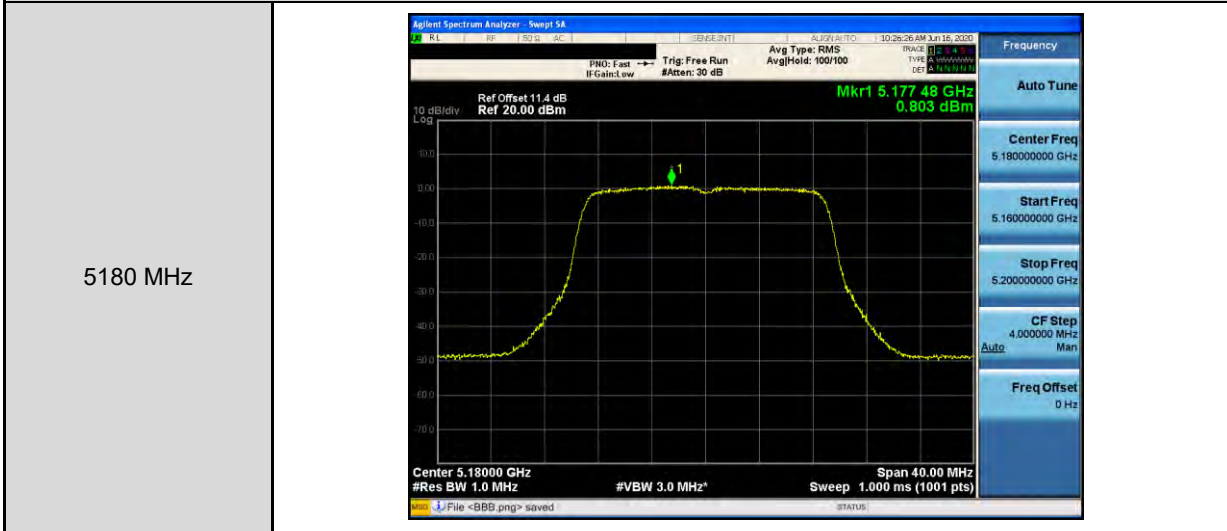


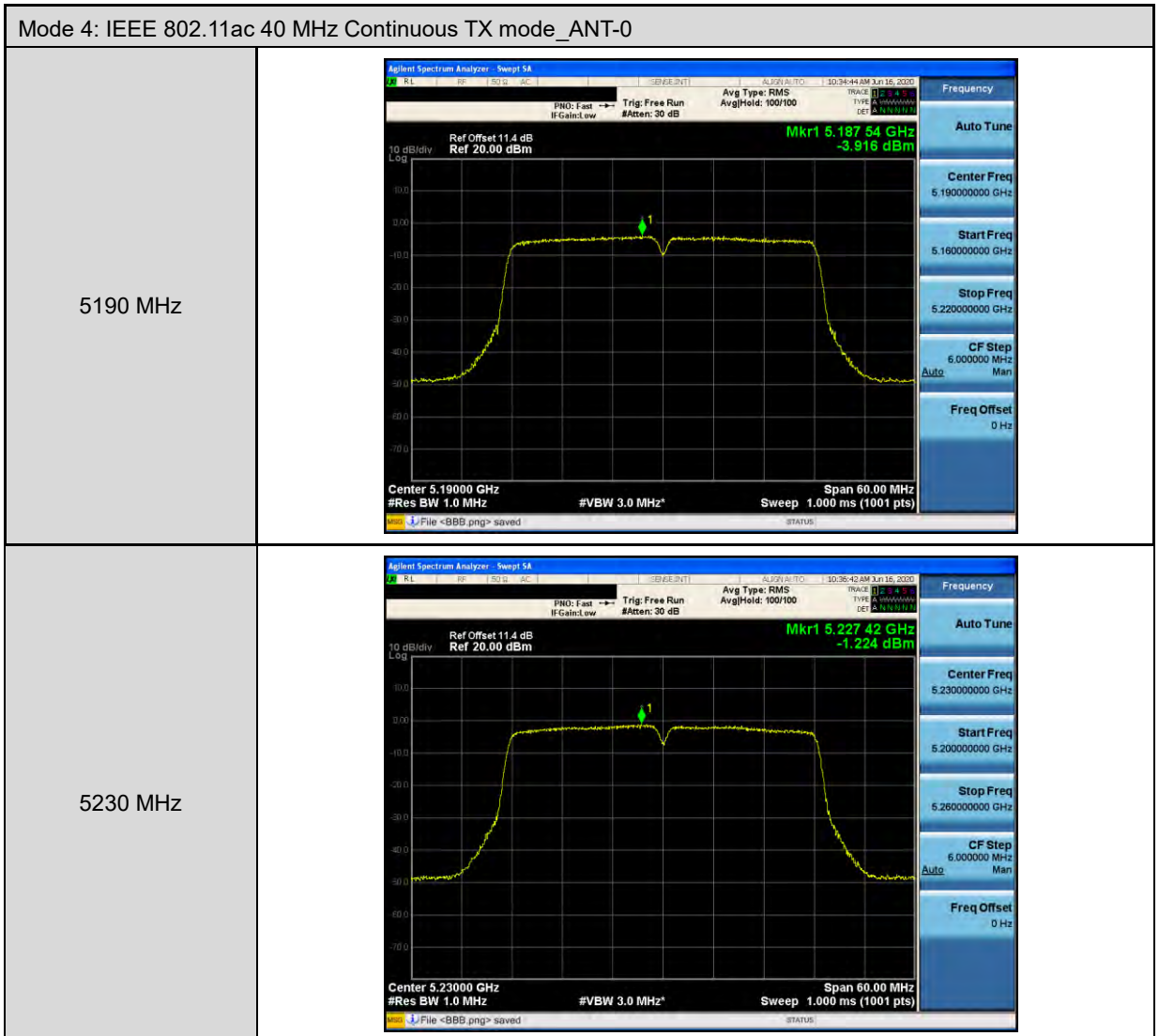


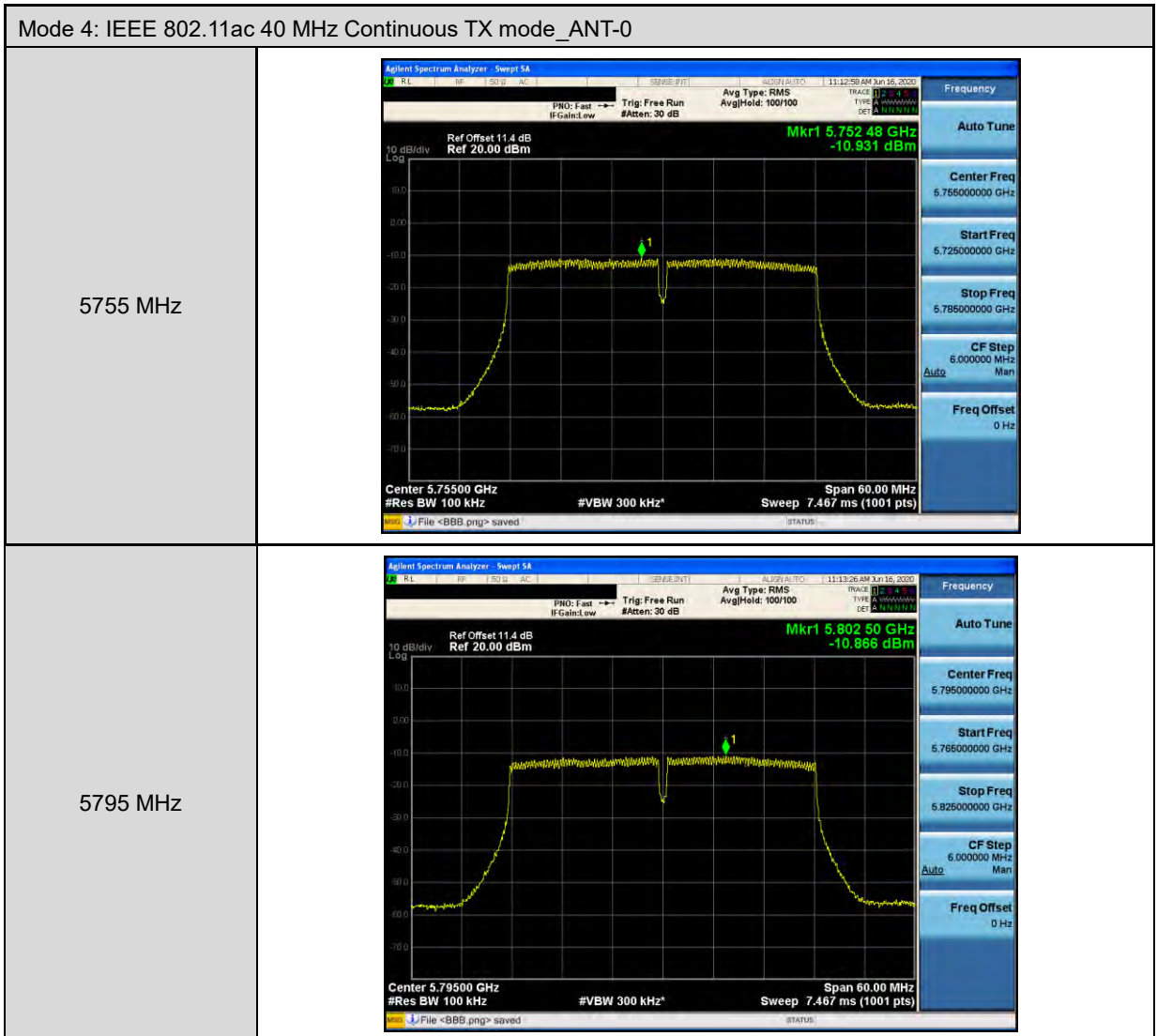


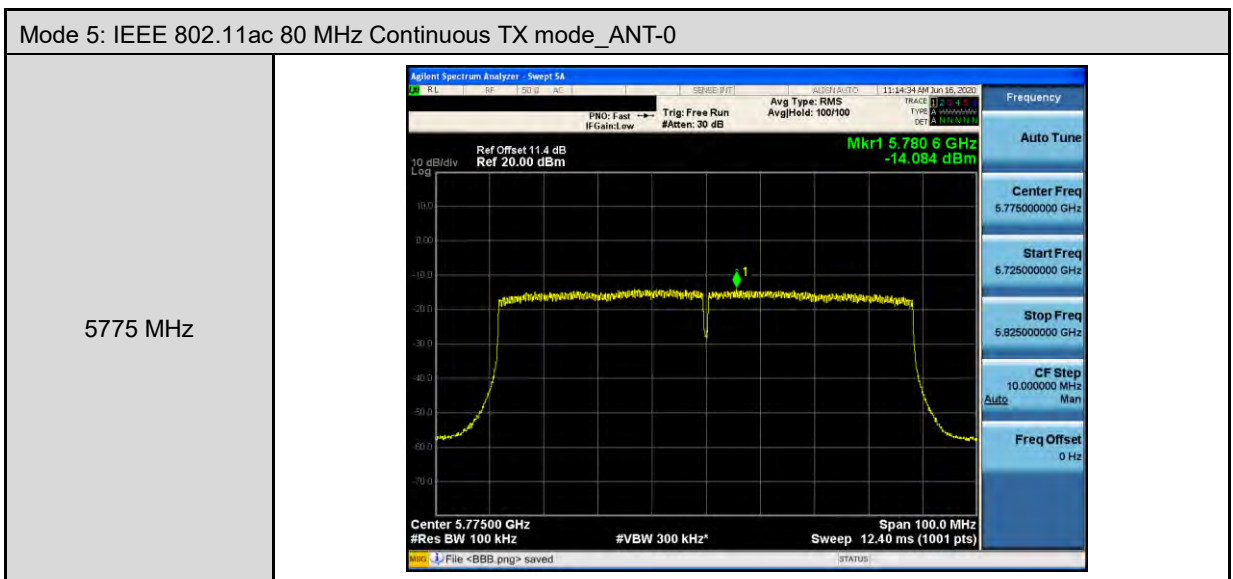
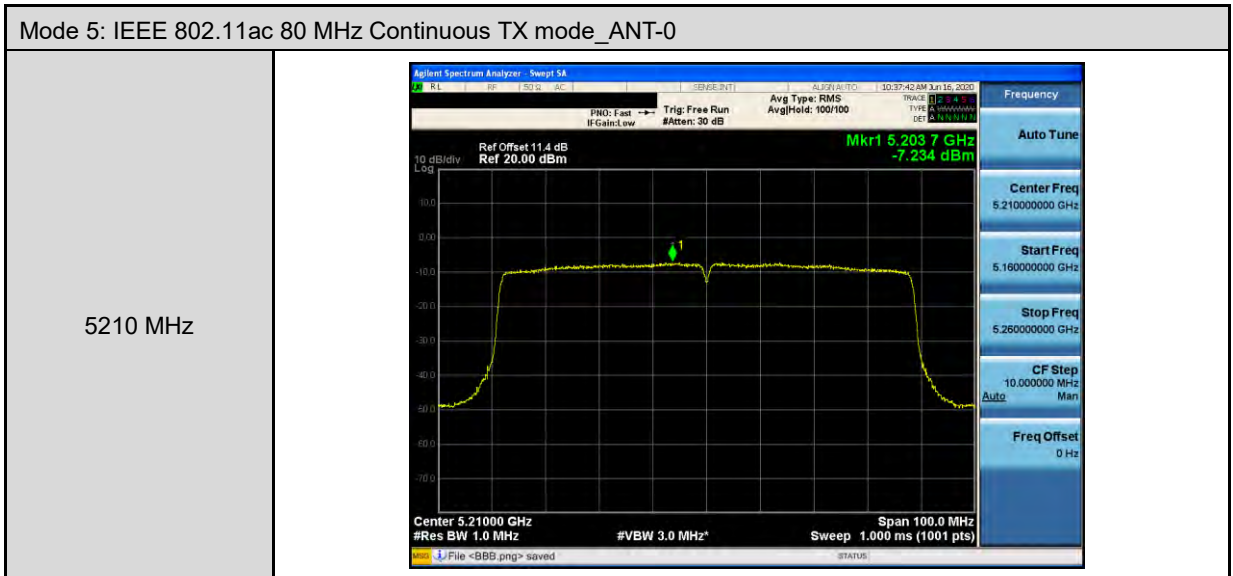
Beamforming on

Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-0







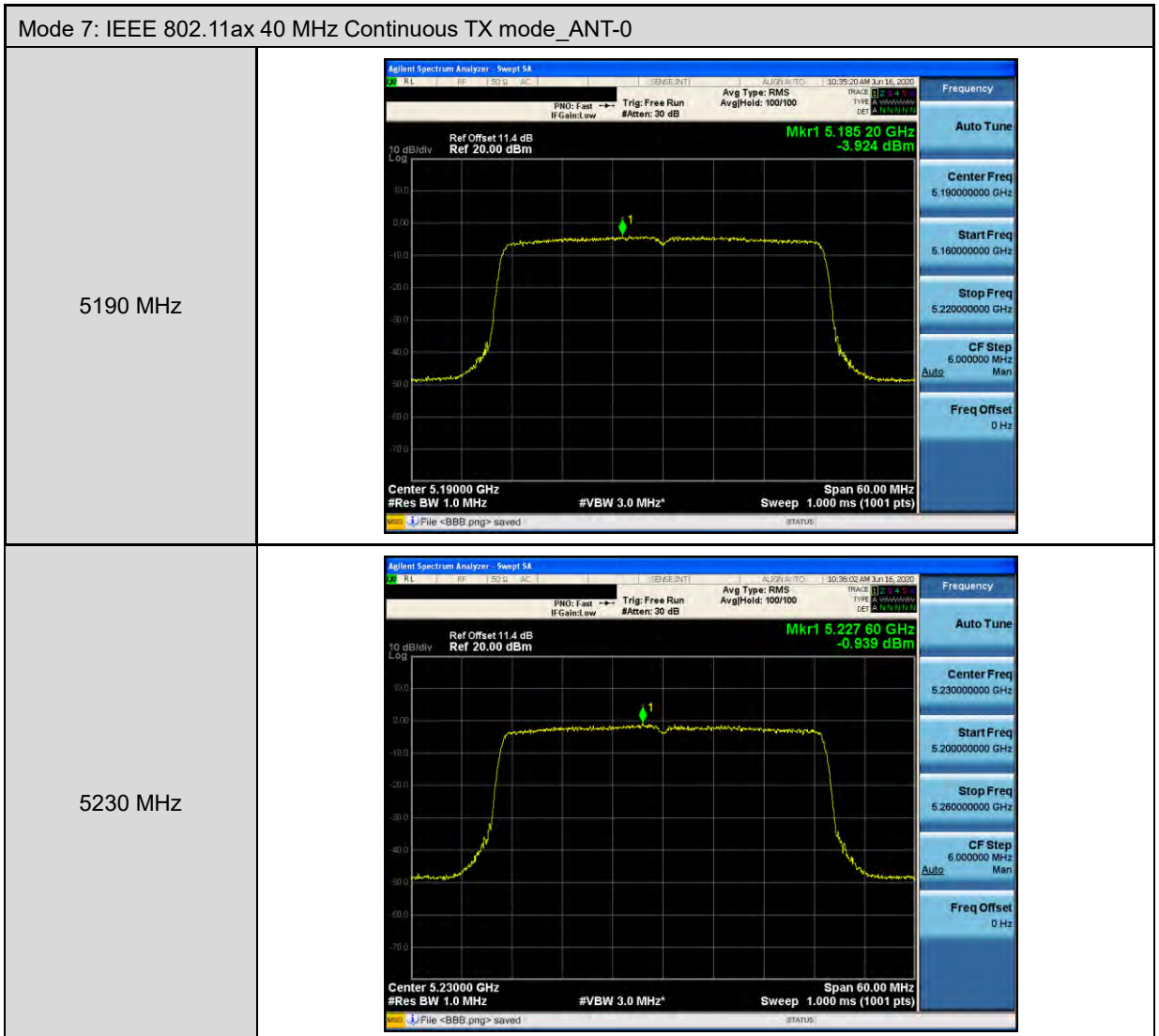


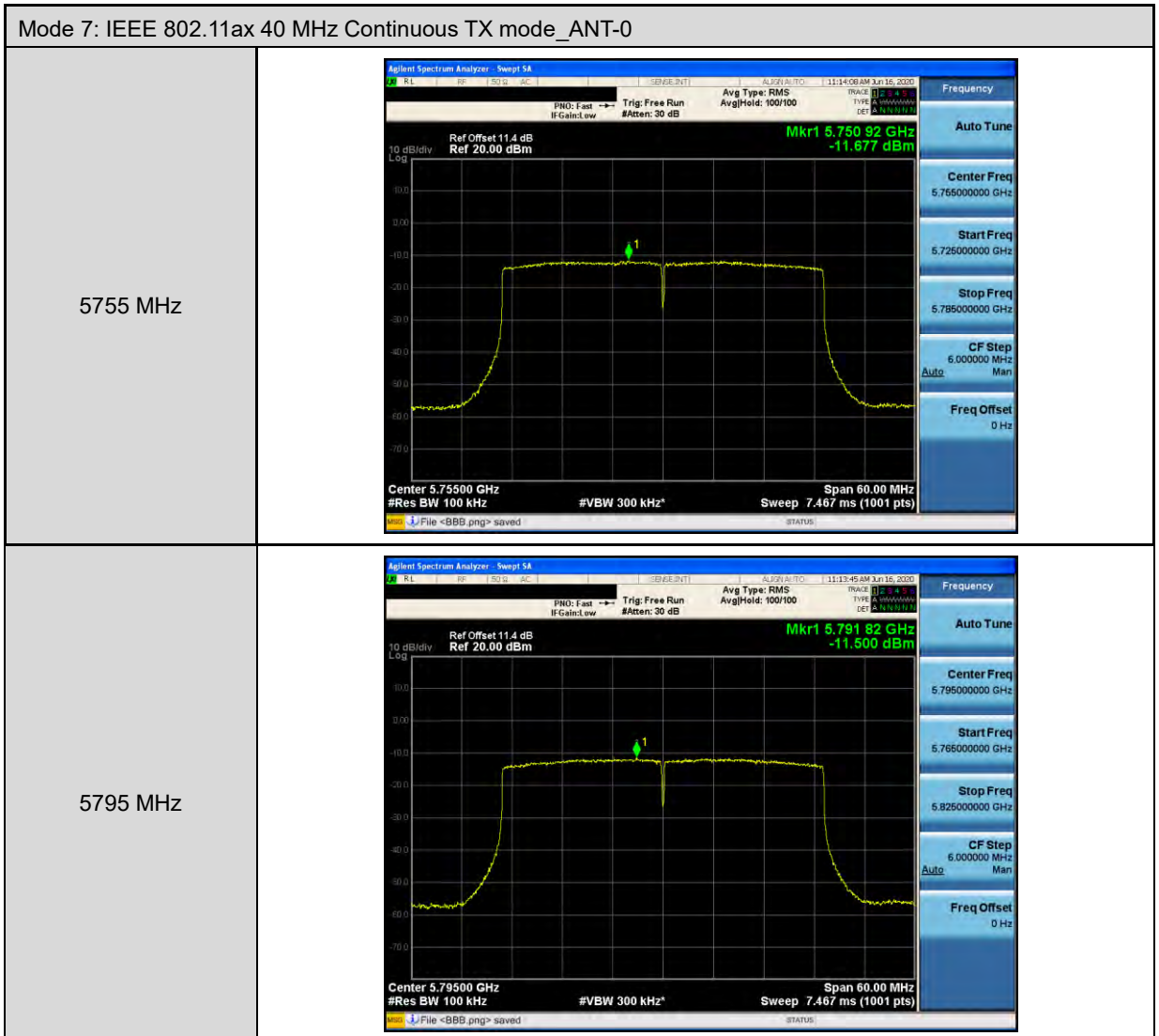


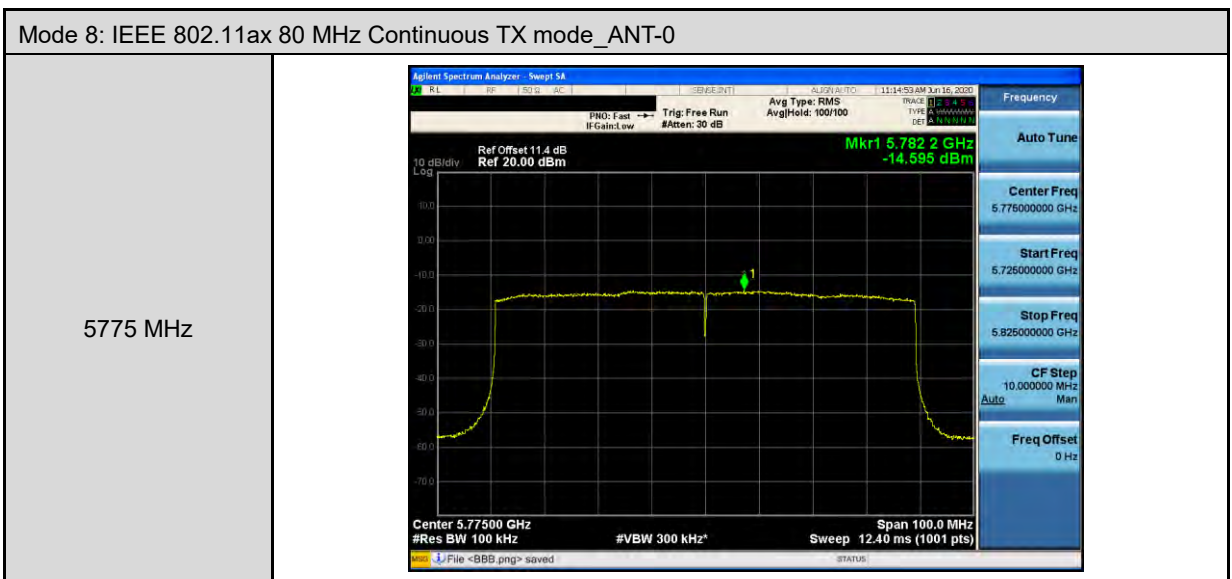
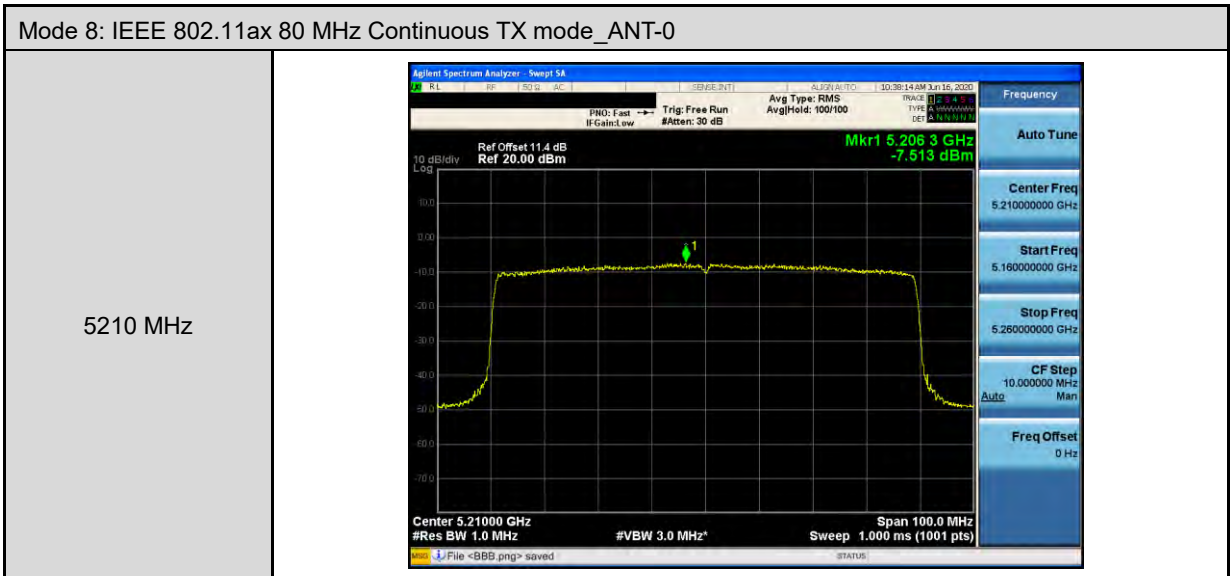
Mode 6: IEEE 802.11ax 20 MHz Continuous TX mode_ANT-0	
5180 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset: 11.4 dB, Ref: 20.00 dBm Mkr1 5.178 20 GHz, 0.188 dBm Center 5.180000 GHz, #Res BW 1.0 MHz, #VBW 3.0 MHz, Span 40.00 MHz, Sweep 1.000 ms (1001 pts)</p>
5200 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset: 11.4 dB, Ref: 20.00 dBm Mkr1 5.201 72 GHz, 1.878 dBm Center 5.200000 GHz, #Res BW 1.0 MHz, #VBW 3.0 MHz, Span 40.00 MHz, Sweep 1.000 ms (1001 pts)</p>
5240 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset: 11.4 dB, Ref: 20.00 dBm Mkr1 5.237 92 GHz, 1.943 dBm Center 5.240000 GHz, #Res BW 1.0 MHz, #VBW 3.0 MHz, Span 40.00 MHz, Sweep 1.000 ms (1001 pts)</p>



Mode 6: IEEE 802.11ax 20 MHz Continuous TX mode_ANT-0	
5745 MHz	<p>Agilent Spectrum Analyzer: Sweep SA PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset: 11.4 dB Ref: 20.00 dBm Mkr1 5.740 00 GHz -8.690 dBm Center 5.74500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts) File <BBB.png> saved</p>
5785 MHz	<p>Agilent Spectrum Analyzer: Sweep SA PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset: 11.4 dB Ref: 20.00 dBm Mkr1 5.779 68 GHz -8.834 dBm Center 5.78500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts) File <BBB.png> saved</p>
5825 MHz	<p>Agilent Spectrum Analyzer: Sweep SA PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset: 11.4 dB Ref: 20.00 dBm Mkr1 5.823 12 GHz -8.639 dBm Center 5.82500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts) File <BBB.png> saved</p>





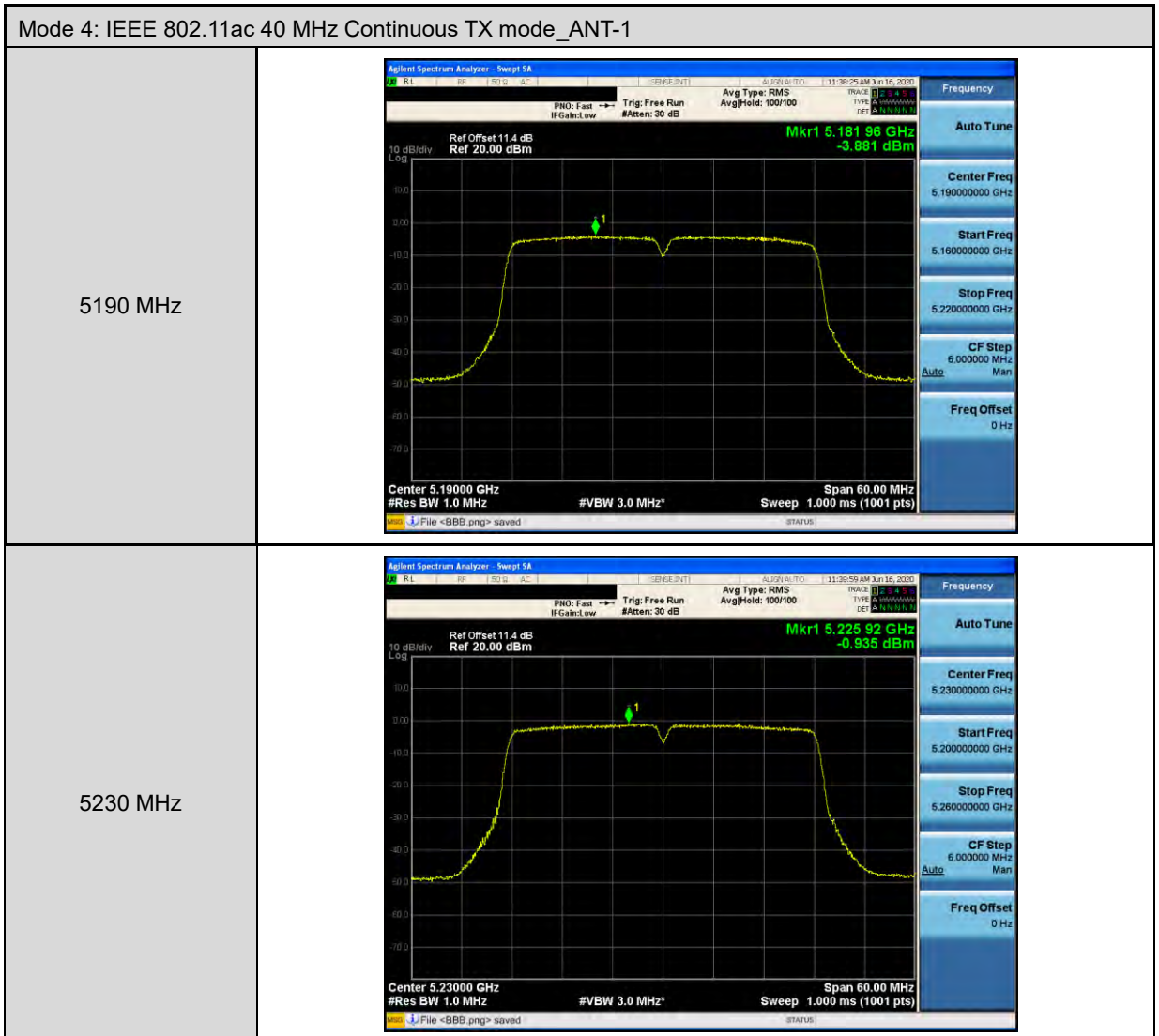


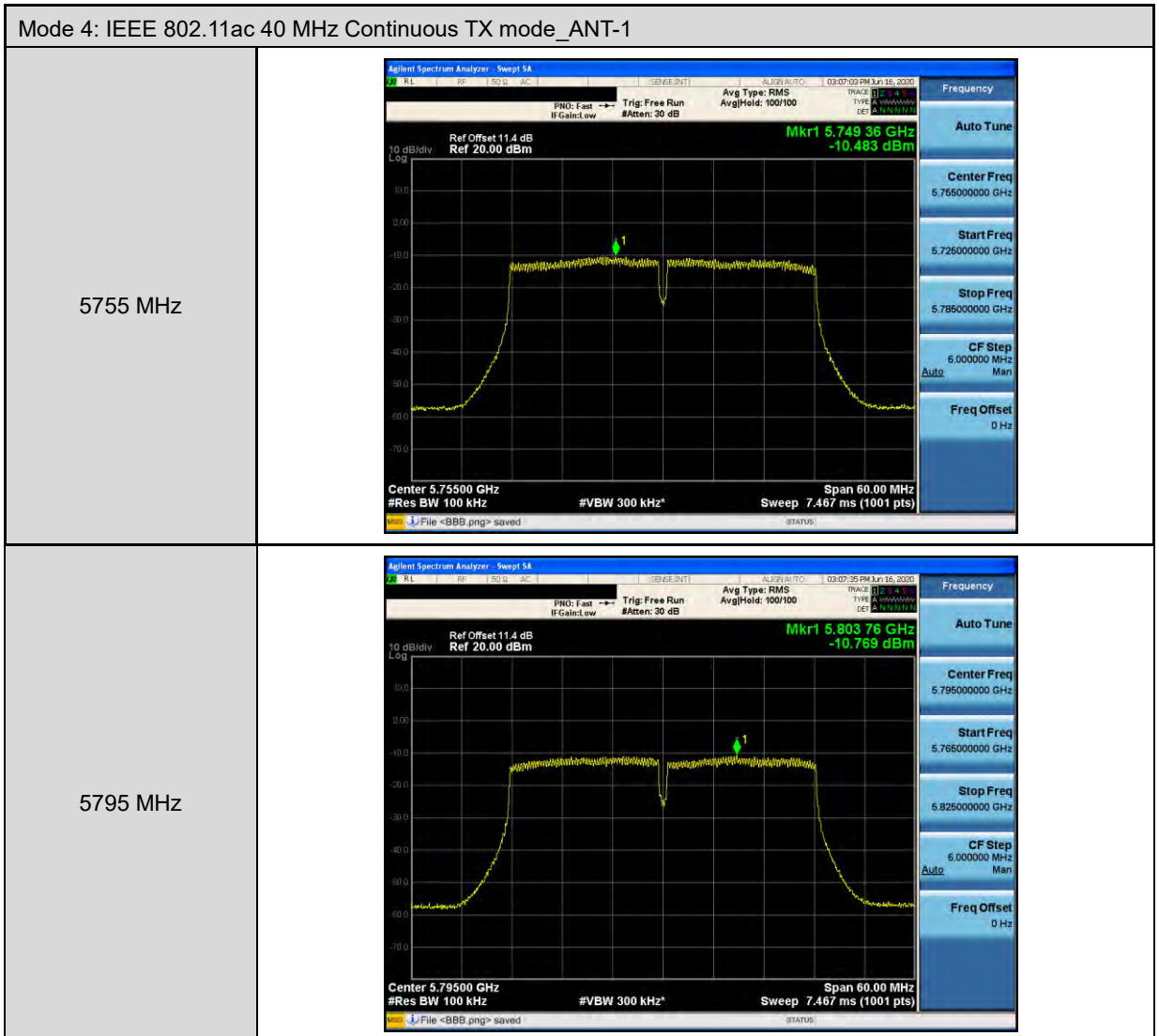


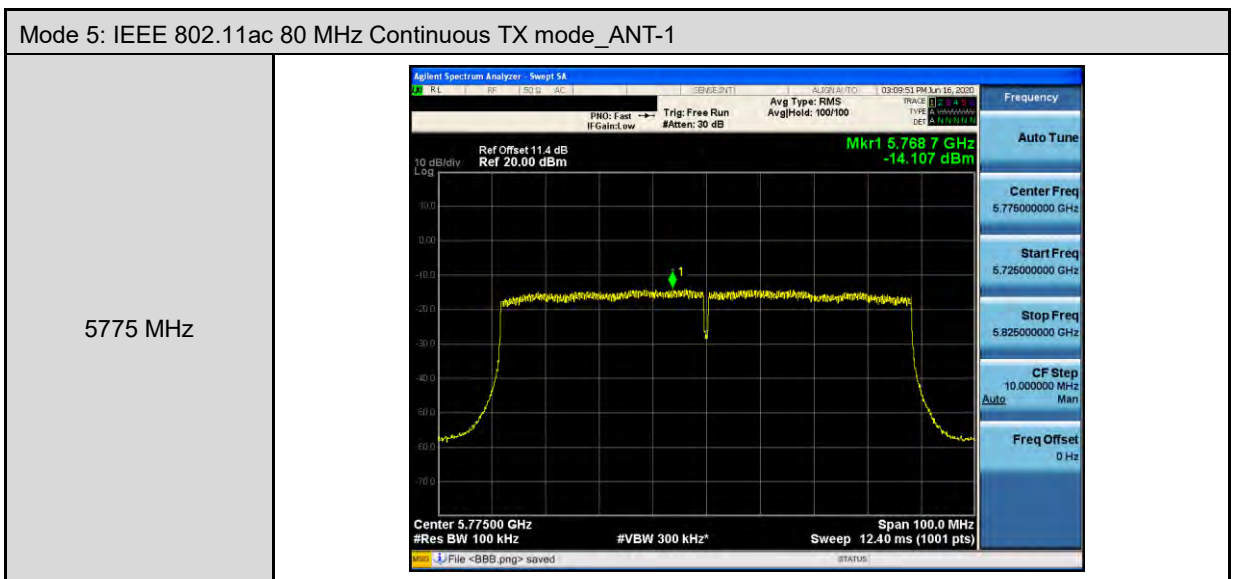
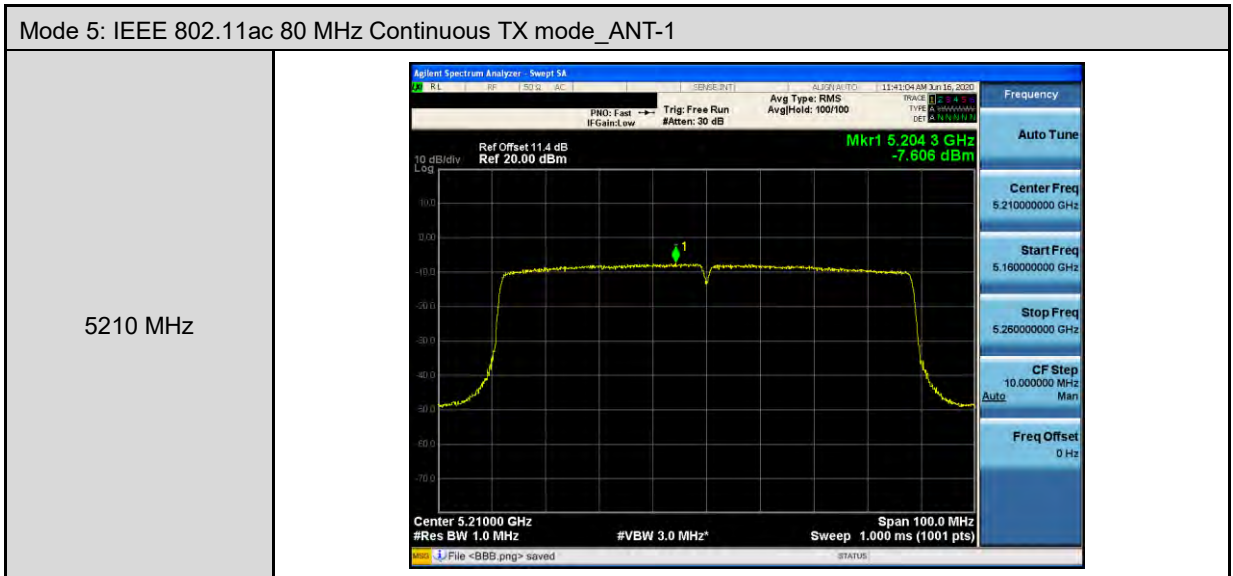
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-1	
5180 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.17584 GHz 1.127 dBm Center 5.18000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts) File <BBB.png> saved</p>
5200 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.20392 GHz 1.675 dBm Center 5.20000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts) File <BBB.png> saved</p>
5240 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.24240 GHz 1.732 dBm Center 5.24000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts) File <BBB.png> saved</p>



Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-1	
5745 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.748 76 GHz -7.472 dBm Center 5.74500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p>
5785 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.780 00 GHz -7.690 dBm Center 5.78500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p>
5825 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.829 08 GHz -7.919 dBm Center 5.82500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p>









Mode 6: IEEE 802.11ax 20 MHz Continuous TX mode_ANT-1	
5180 MHz	<p>Agilent Spectrum Analyzer: Swept SA PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.174 60 GHz 0.408 dBm Center 5.18000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts) File <BBB.png> saved</p>
5200 MHz	<p>Agilent Spectrum Analyzer: Swept SA PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.203 32 GHz 2.083 dBm Center 5.20000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts) File <BBB.png> saved</p>
5240 MHz	<p>Agilent Spectrum Analyzer: Swept SA PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.242 60 GHz 2.040 dBm Center 5.24000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts) File <BBB.png> saved</p>



Mode 6: IEEE 802.11ax 20 MHz Continuous TX mode_ANT-1	
5745 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.746 88 GHz -8.185 dBm Center 5.74500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p>
5785 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.787 48 GHz -8.527 dBm Center 5.78500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p>
5825 MHz	<p>Agilent Spectrum Analyzer: Sweep 5A Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.828 48 GHz -8.576 dBm Center 5.82500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p>

