



Beamforming on

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

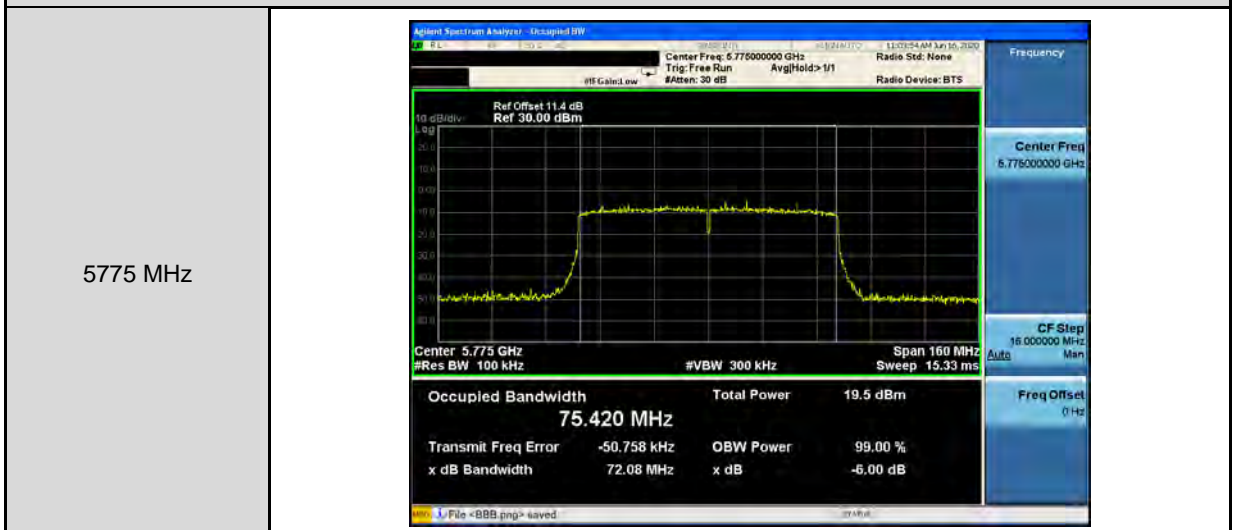
5745 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.745000000 GHz Trig: Free Run Ave: Hold 1/1 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 11.4 dB Ref 30.00 dBm</p> <p>Center 5.745 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms</p> <p>Occupied Bandwidth: 17.584 MHz Total Power: 19.1 dBm</p> <p>Transmit Freq Error: -15.642 kHz OBW Power: 99.00 % x dB Bandwidth: 17.57 MHz x dB: -6.00 dB</p>
5785 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.785000000 GHz Trig: Free Run Ave: Hold 1/1 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 11.4 dB Ref 30.00 dBm</p> <p>Center 5.785 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms</p> <p>Occupied Bandwidth: 17.600 MHz Total Power: 18.7 dBm</p> <p>Transmit Freq Error: -3.869 kHz OBW Power: 99.00 % x dB Bandwidth: 17.66 MHz x dB: -6.00 dB</p>
5825 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.825000000 GHz Trig: Free Run Ave: Hold 1/1 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 11.4 dB Ref 30.00 dBm</p> <p>Center 5.825 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms</p> <p>Occupied Bandwidth: 17.597 MHz Total Power: 18.9 dBm</p> <p>Transmit Freq Error: 5.091 kHz OBW Power: 99.00 % x dB Bandwidth: 17.67 MHz x dB: -6.00 dB</p>



Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ANT-0



Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode_ANT-0





Mode 6: IEEE 802.11ax 20 MHz Continuous TX mode_ANT-0																			
5745 MHz	<p>Client Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.745000000 GHz Trig: Free Run Avg/Hold: 1/1 #F Gate: Low #Atten: 30 dB</p> <p>Ref Offset 11.4 dB Ref 30.00 dBm</p> <p>Center 5.745 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms</p> <table border="1"><tr><td>Occupied Bandwidth</td><td>Total Power</td><td>19.4 dBm</td></tr><tr><td>18.909 MHz</td><td></td><td></td></tr><tr><td>Transmit Freq Error</td><td>OBW Power</td><td>99.00 %</td></tr><tr><td>3.198 kHz</td><td>x dB</td><td>-5.00 dB</td></tr><tr><td>x dB Bandwidth</td><td></td><td></td></tr><tr><td>18.99 MHz</td><td></td><td></td></tr></table>	Occupied Bandwidth	Total Power	19.4 dBm	18.909 MHz			Transmit Freq Error	OBW Power	99.00 %	3.198 kHz	x dB	-5.00 dB	x dB Bandwidth			18.99 MHz		
Occupied Bandwidth	Total Power	19.4 dBm																	
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5785 MHz	<p>Client Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.785000000 GHz Trig: Free Run Avg/Hold: 1/1 #F Gate: Low #Atten: 30 dB</p> <p>Ref Offset 11.4 dB Ref 30.00 dBm</p> <p>Center 5.785 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms</p> <table border="1"><tr><td>Occupied Bandwidth</td><td>Total Power</td><td>19.2 dBm</td></tr><tr><td>18.905 MHz</td><td></td><td></td></tr><tr><td>Transmit Freq Error</td><td>OBW Power</td><td>99.00 %</td></tr><tr><td>-2.999 kHz</td><td>x dB</td><td>-5.00 dB</td></tr><tr><td>x dB Bandwidth</td><td></td><td></td></tr><tr><td>18.88 MHz</td><td></td><td></td></tr></table>	Occupied Bandwidth	Total Power	19.2 dBm	18.905 MHz			Transmit Freq Error	OBW Power	99.00 %	-2.999 kHz	x dB	-5.00 dB	x dB Bandwidth			18.88 MHz		
Occupied Bandwidth	Total Power	19.2 dBm																	
18.905 MHz																			
Transmit Freq Error	OBW Power	99.00 %																	
-2.999 kHz	x dB	-5.00 dB																	
x dB Bandwidth																			
18.88 MHz																			
5825 MHz	<p>Client Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.825000000 GHz Trig: Free Run Avg/Hold: 1/1 #F Gate: Low #Atten: 30 dB</p> <p>Ref Offset 11.4 dB Ref 30.00 dBm</p> <p>Center 5.825 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms</p> <table border="1"><tr><td>Occupied Bandwidth</td><td>Total Power</td><td>19.7 dBm</td></tr><tr><td>18.926 MHz</td><td></td><td></td></tr><tr><td>Transmit Freq Error</td><td>OBW Power</td><td>99.00 %</td></tr><tr><td>-8.653 kHz</td><td>x dB</td><td>-5.00 dB</td></tr><tr><td>x dB Bandwidth</td><td></td><td></td></tr><tr><td>18.82 MHz</td><td></td><td></td></tr></table>	Occupied Bandwidth	Total Power	19.7 dBm	18.926 MHz			Transmit Freq Error	OBW Power	99.00 %	-8.653 kHz	x dB	-5.00 dB	x dB Bandwidth			18.82 MHz		
Occupied Bandwidth	Total Power	19.7 dBm																	
18.926 MHz																			
Transmit Freq Error	OBW Power	99.00 %																	
-8.653 kHz	x dB	-5.00 dB																	
x dB Bandwidth																			
18.82 MHz																			



Mode 7: IEEE 802.11ax 40 MHz Continuous TX mode_ANT-0

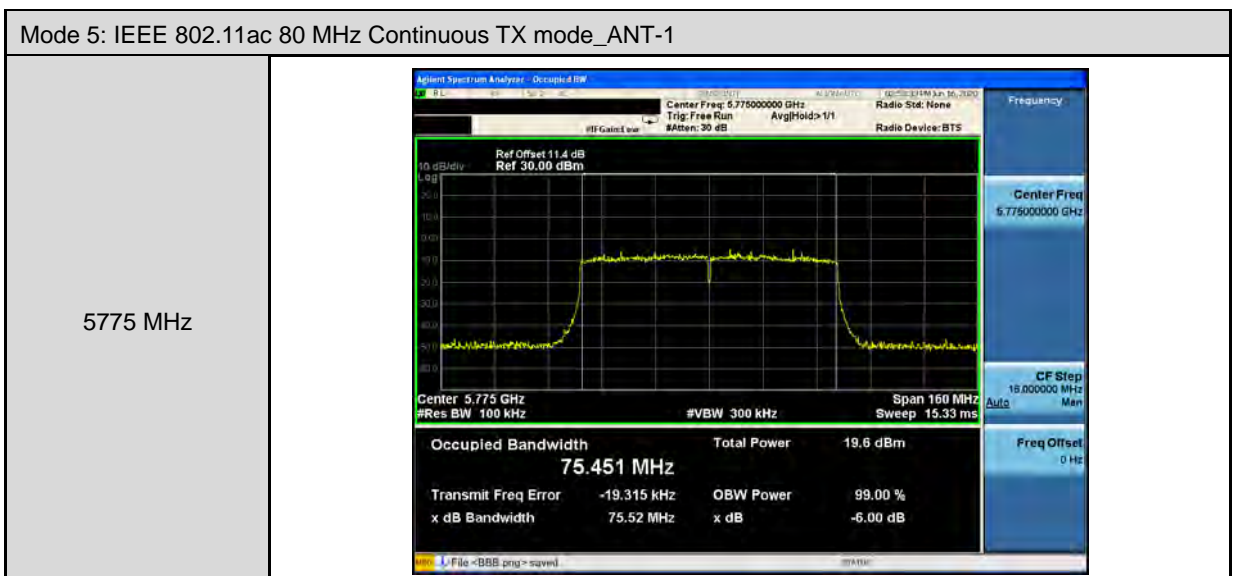
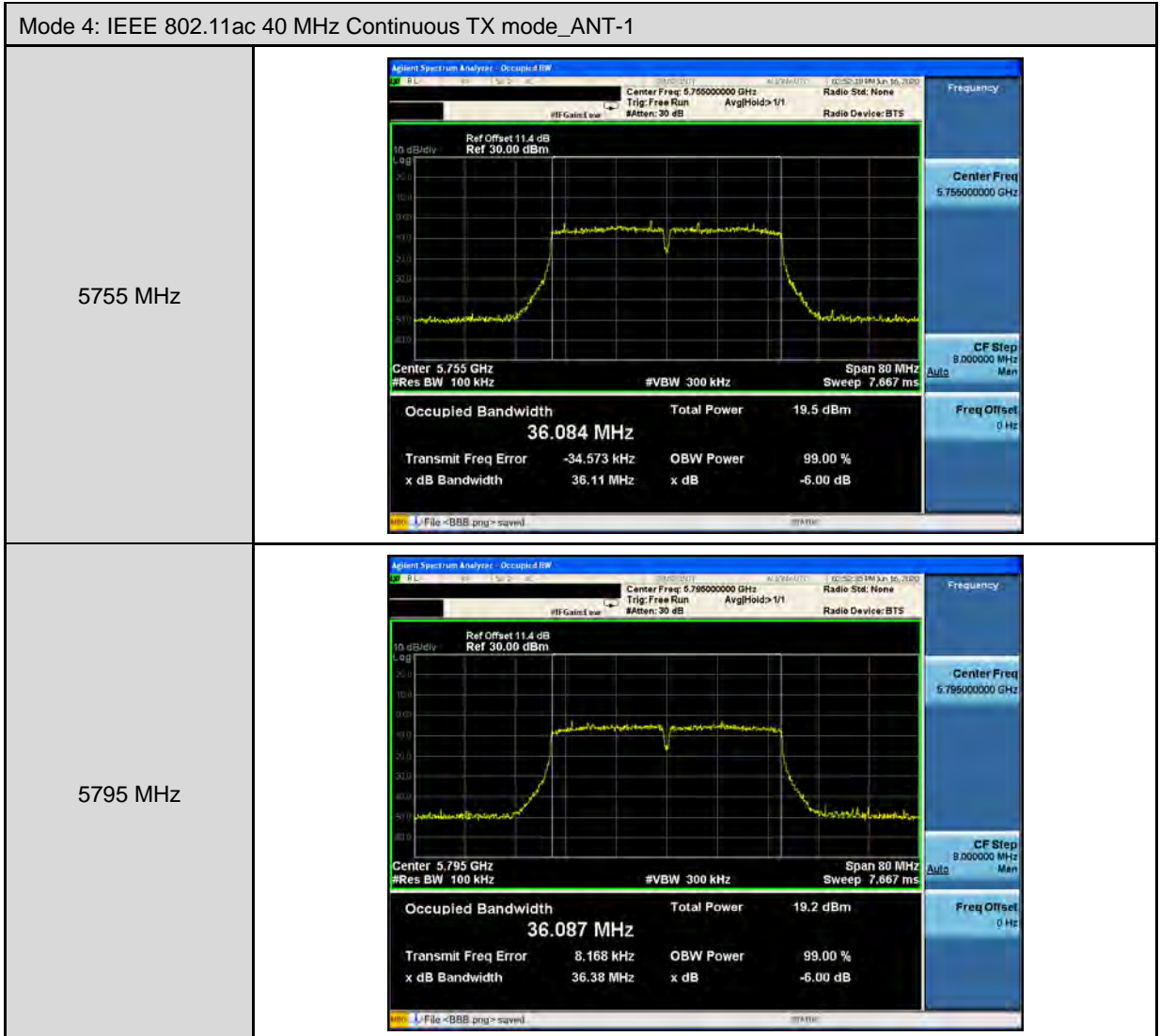
<p>5755 MHz</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.755000000 GHz Trig: Free Run #Att: 30 dB</p> <p>Ref Offset 11.4 dB Ref 30.00 dBm</p> <p>Center 5.755 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 7.667 ms</p> <p>Occupied Bandwidth 37.656 MHz Total Power 19.7 dBm</p> <p>Transmit Freq Error 2.815 kHz x dB Bandwidth 37.59 MHz</p> <p>OBW Power 99.00 % x dB -6.00 dB</p>
<p>5795 MHz</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.795000000 GHz Trig: Free Run #Att: 30 dB</p> <p>Ref Offset 11.4 dB Ref 30.00 dBm</p> <p>Center 5.795 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 7.667 ms</p> <p>Occupied Bandwidth 37.673 MHz Total Power 19.7 dBm</p> <p>Transmit Freq Error 31.284 kHz x dB Bandwidth 37.80 MHz</p> <p>OBW Power 99.00 % x dB -6.00 dB</p>

Mode 8: IEEE 802.11ax 80 MHz Continuous TX mode_ANT-0

<p>5775 MHz</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.775000000 GHz Trig: Free Run #Att: 30 dB</p> <p>Ref Offset 11.4 dB Ref 30.00 dBm</p> <p>Center 5.775 GHz #Res BW 100 kHz #VBW 300 kHz Span 160 MHz Sweep 15.33 ms</p> <p>Occupied Bandwidth 77.035 MHz Total Power 20.2 dBm</p> <p>Transmit Freq Error 35.391 kHz x dB Bandwidth 77.74 MHz</p> <p>OBW Power 99.00 % x dB -6.00 dB</p>
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Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-1	
5745 MHz	<p>Center Freq: 5.745 GHz #Res BW: 100 kHz #VBW: 300 kHz Span: 40 MHz Sweep: 3.867 ms</p> <p>Occupied Bandwidth: 17.593 MHz Total Power: 19.1 dBm Transmit Freq Error: 4.675 kHz x dB Bandwidth: 17.63 MHz OBW Power: 99.00 % x dB: -6.00 dB</p>
5785 MHz	<p>Center Freq: 5.785 GHz #Res BW: 100 kHz #VBW: 300 kHz Span: 40 MHz Sweep: 3.867 ms</p> <p>Occupied Bandwidth: 17.564 MHz Total Power: 19.0 dBm Transmit Freq Error: -13.821 kHz x dB Bandwidth: 17.13 MHz OBW Power: 99.00 % x dB: -6.00 dB</p>
5825 MHz	<p>Center Freq: 5.825 GHz #Res BW: 100 kHz #VBW: 300 kHz Span: 40 MHz Sweep: 3.867 ms</p> <p>Occupied Bandwidth: 17.566 MHz Total Power: 18.9 dBm Transmit Freq Error: 1.680 kHz x dB Bandwidth: 17.56 MHz OBW Power: 99.00 % x dB: -6.00 dB</p>





Mode 6: IEEE 802.11ax 20 MHz Continuous TX mode_ANT-1	
5745 MHz	<p>Center Freq: 5.74500000 GHz</p> <p>Occupied Bandwidth: 18.890 MHz</p> <p>Total Power: 19.6 dBm</p> <p>Transmit Freq Error: 6.790 kHz</p> <p>x dB Bandwidth: 19.01 MHz</p> <p>OBW Power: 99.00 %</p> <p>x dB: -6.00 dB</p>
5785 MHz	<p>Center Freq: 5.78500000 GHz</p> <p>Occupied Bandwidth: 18.927 MHz</p> <p>Total Power: 19.0 dBm</p> <p>Transmit Freq Error: 6.177 kHz</p> <p>x dB Bandwidth: 18.86 MHz</p> <p>OBW Power: 99.00 %</p> <p>x dB: -6.00 dB</p>
5825 MHz	<p>Center Freq: 5.82500000 GHz</p> <p>Occupied Bandwidth: 18.890 MHz</p> <p>Total Power: 19.1 dBm</p> <p>Transmit Freq Error: -11.026 kHz</p> <p>x dB Bandwidth: 18.87 MHz</p> <p>OBW Power: 99.00 %</p> <p>x dB: -6.00 dB</p>



Mode 7: IEEE 802.11ax 40 MHz Continuous TX mode_ANT-1	
5755 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.755000000 GHz Trig: Free Run Avg/Hold: 1/1 #Att: 30 dB Radio Std: None Radio Device: BTS</p> <p>Ref Offset 11.4 dB Ref 30.00 dBm</p> <p>Center 5.755 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 7.667 ms</p> <p>Occupied Bandwidth 37.703 MHz Total Power 19.8 dBm Transmit Freq Error -41.571 kHz OBW Power 99.00 % x dB Bandwidth 38.02 MHz x dB -6.00 dB</p> <p>File <BBS.png> saved</p>
5795 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.795000000 GHz Trig: Free Run Avg/Hold: 1/1 #Att: 30 dB Radio Std: None Radio Device: BTS</p> <p>Ref Offset 11.4 dB Ref 30.00 dBm</p> <p>Center 5.795 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 7.667 ms</p> <p>Occupied Bandwidth 37.718 MHz Total Power 19.7 dBm Transmit Freq Error -2.239 kHz OBW Power 99.00 % x dB Bandwidth 37.69 MHz x dB -6.00 dB</p> <p>File <BBS.png> saved</p>

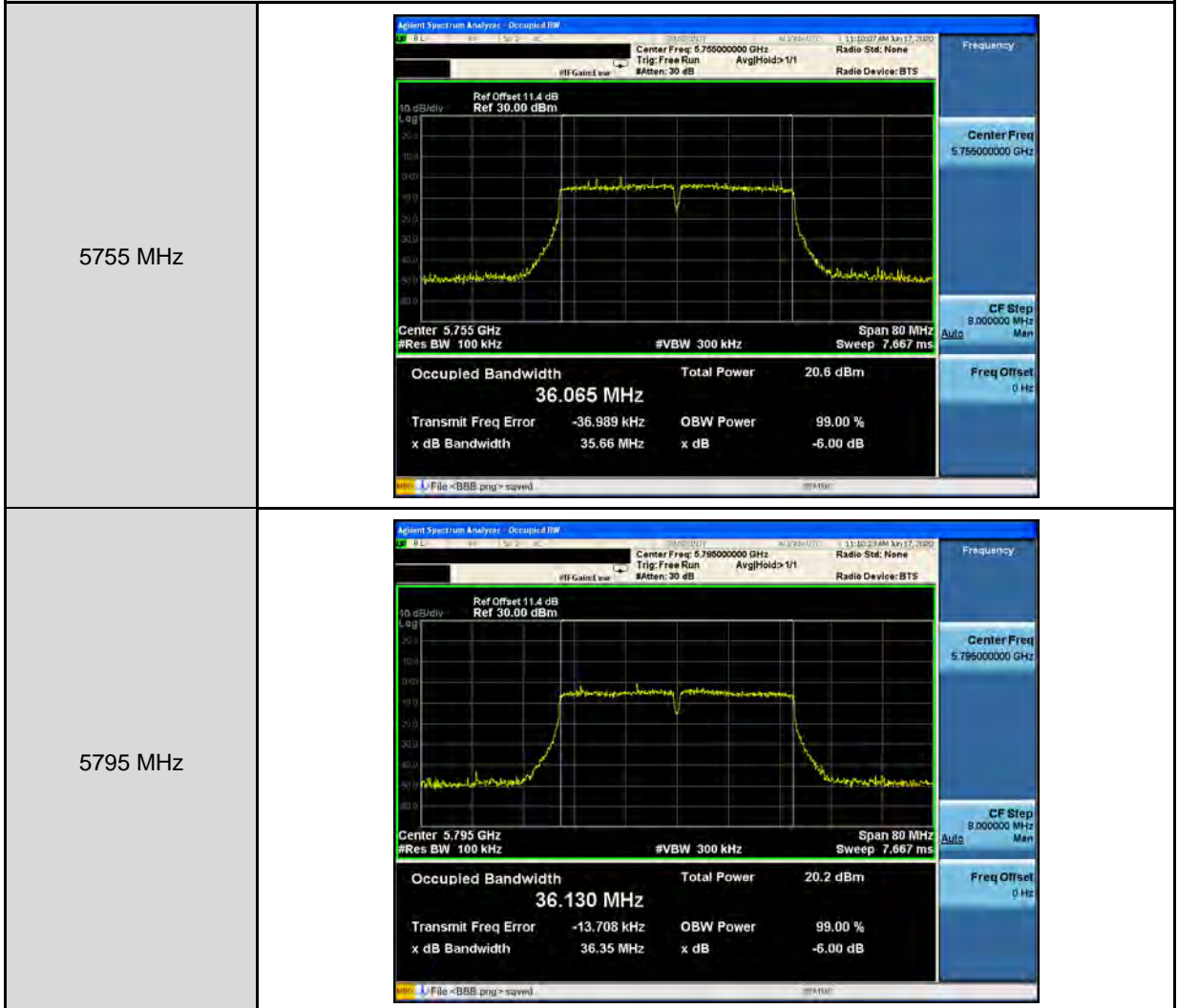
Mode 8: IEEE 802.11ax 80 MHz Continuous TX mode_ANT-1	
5775 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.775000000 GHz Trig: Free Run Avg/Hold: 1/1 #Att: 30 dB Radio Std: None Radio Device: BTS</p> <p>Ref Offset 11.4 dB Ref 30.00 dBm</p> <p>Center 5.775 GHz #Res BW 100 kHz #VBW 300 kHz Span 160 MHz Sweep 15.33 ms</p> <p>Occupied Bandwidth 77.146 MHz Total Power 20.1 dBm Transmit Freq Error 73.020 kHz OBW Power 99.00 % x dB Bandwidth 77.55 MHz x dB -6.00 dB</p> <p>File <BBS.png> saved</p>



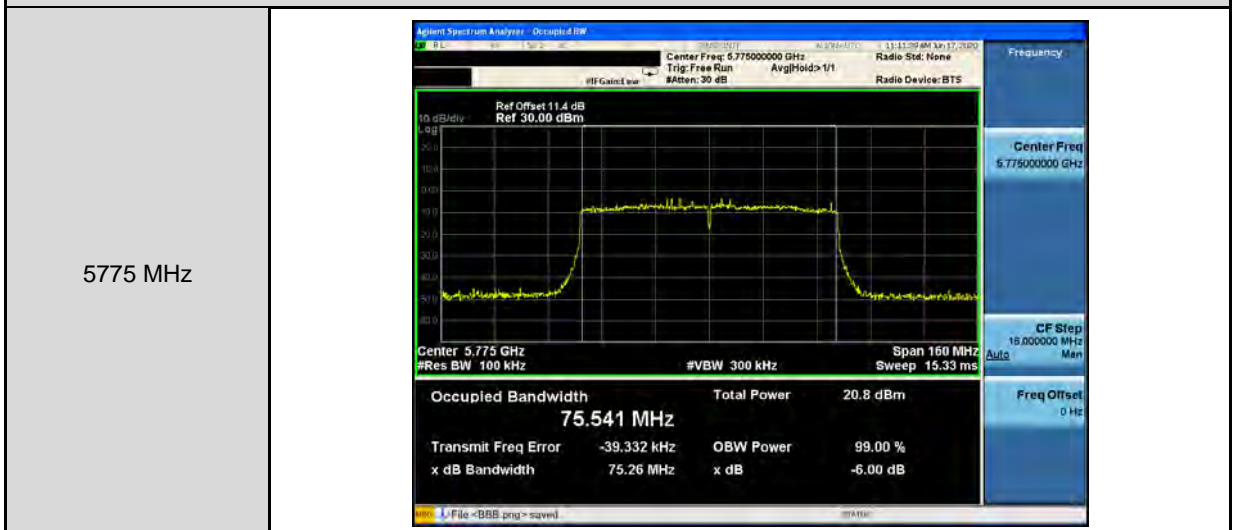
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-2	
5745 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.745000000 GHz Trig: Free Run #Att: 30 dB Avg/Hold: 1/1 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 11.4 dB Ref 30.00 dBm</p> <p>Center 5.745 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms</p> <p>Occupied Bandwidth: 17.564 MHz Total Power: 20.3 dBm Transmit Freq Error: -11.426 kHz x dB Bandwidth: 17.57 MHz OBW Power: 99.00 % x dB: -6.00 dB</p> <p>File <BBS.png> saved</p>
5785 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.785000000 GHz Trig: Free Run #Att: 30 dB Avg/Hold: 1/1 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 11.4 dB Ref 30.00 dBm</p> <p>Center 5.785 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms</p> <p>Occupied Bandwidth: 17.613 MHz Total Power: 19.5 dBm Transmit Freq Error: 549 Hz x dB Bandwidth: 17.74 MHz OBW Power: 99.00 % x dB: -6.00 dB</p> <p>File <BBS.png> saved</p>
5825 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.825000000 GHz Trig: Free Run #Att: 30 dB Avg/Hold: 1/1 Radio Std: None Radio Device: BTS</p> <p>Ref Offset 11.4 dB Ref 30.00 dBm</p> <p>Center 5.825 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms</p> <p>Occupied Bandwidth: 17.561 MHz Total Power: 19.8 dBm Transmit Freq Error: 6.970 kHz x dB Bandwidth: 17.63 MHz OBW Power: 99.00 % x dB: -6.00 dB</p> <p>File <BBS.png> saved</p>



Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ANT-2



Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode_ANT-2

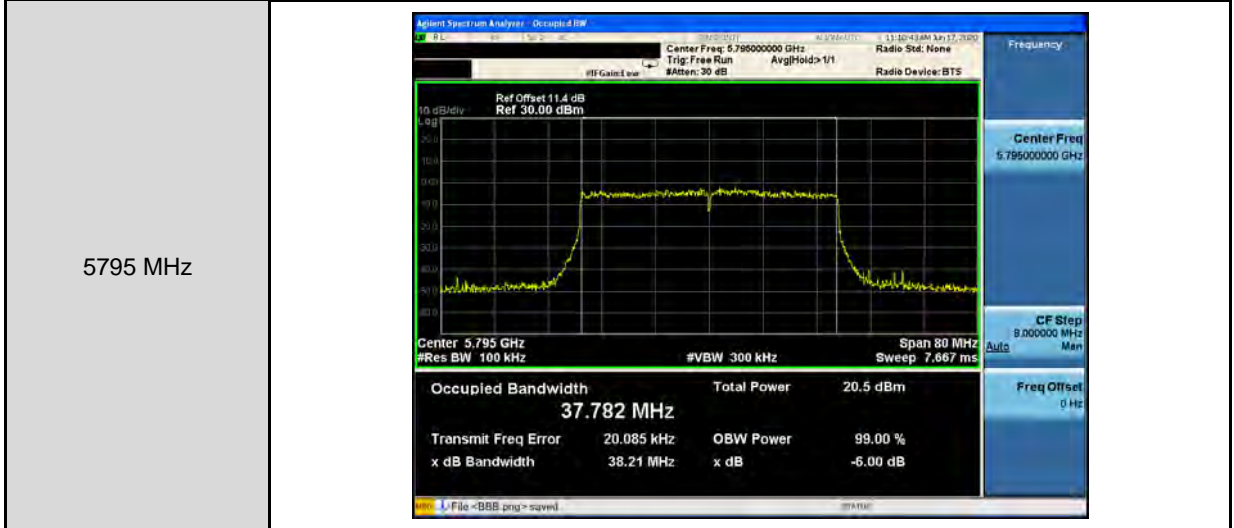
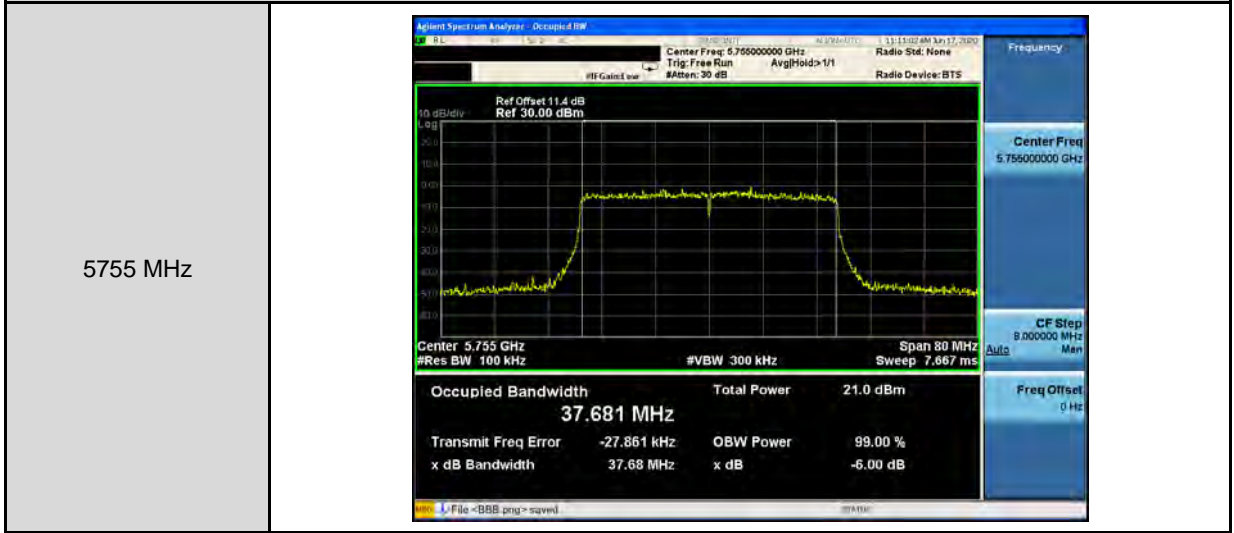




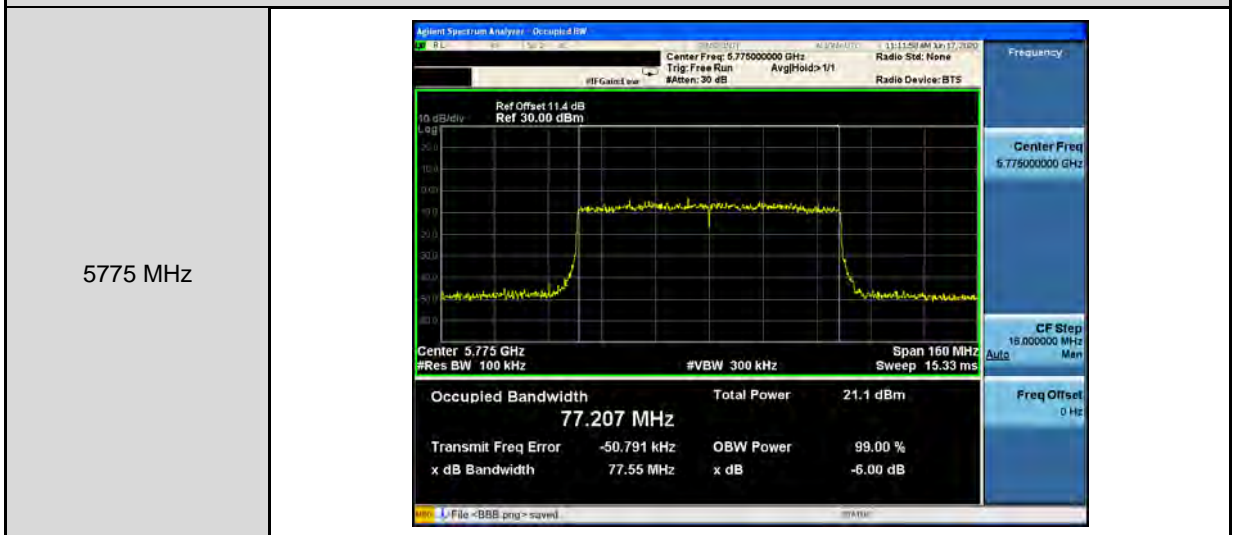
Mode 6: IEEE 802.11ax 20 MHz Continuous TX mode_ANT-2	
5745 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.745000000 GHz Trig: Free Run Ave/Hold: 1/1 #Att: 30 dB Radio Std: None Radio Device: BTS</p> <p>Ref Offset 11.4 dB Ref 30.00 dBm</p> <p>Center 5.745 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms</p> <p>Occupied Bandwidth 18.941 MHz Total Power 20.6 dBm</p> <p>Transmit Freq Error 1.637 kHz OBW Power 99.00 % x dB Bandwidth 18.93 MHz x dB -6.00 dB</p> <p>File <BBS.png> saved</p>
5785 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.785000000 GHz Trig: Free Run Ave/Hold: 1/1 #Att: 30 dB Radio Std: None Radio Device: BTS</p> <p>Ref Offset 11.4 dB Ref 30.00 dBm</p> <p>Center 5.785 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms</p> <p>Occupied Bandwidth 18.873 MHz Total Power 20.1 dBm</p> <p>Transmit Freq Error -9.237 kHz OBW Power 99.00 % x dB Bandwidth 19.01 MHz x dB -6.00 dB</p> <p>File <BBS.png> saved</p>
5825 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.825000000 GHz Trig: Free Run Ave/Hold: 1/1 #Att: 30 dB Radio Std: None Radio Device: BTS</p> <p>Ref Offset 11.4 dB Ref 30.00 dBm</p> <p>Center 5.825 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms</p> <p>Occupied Bandwidth 18.924 MHz Total Power 20.0 dBm</p> <p>Transmit Freq Error 15.497 kHz OBW Power 99.00 % x dB Bandwidth 19.01 MHz x dB -6.00 dB</p> <p>File <BBS.png> saved</p>



Mode 7: IEEE 802.11ax 40 MHz Continuous TX mode_ANT-2

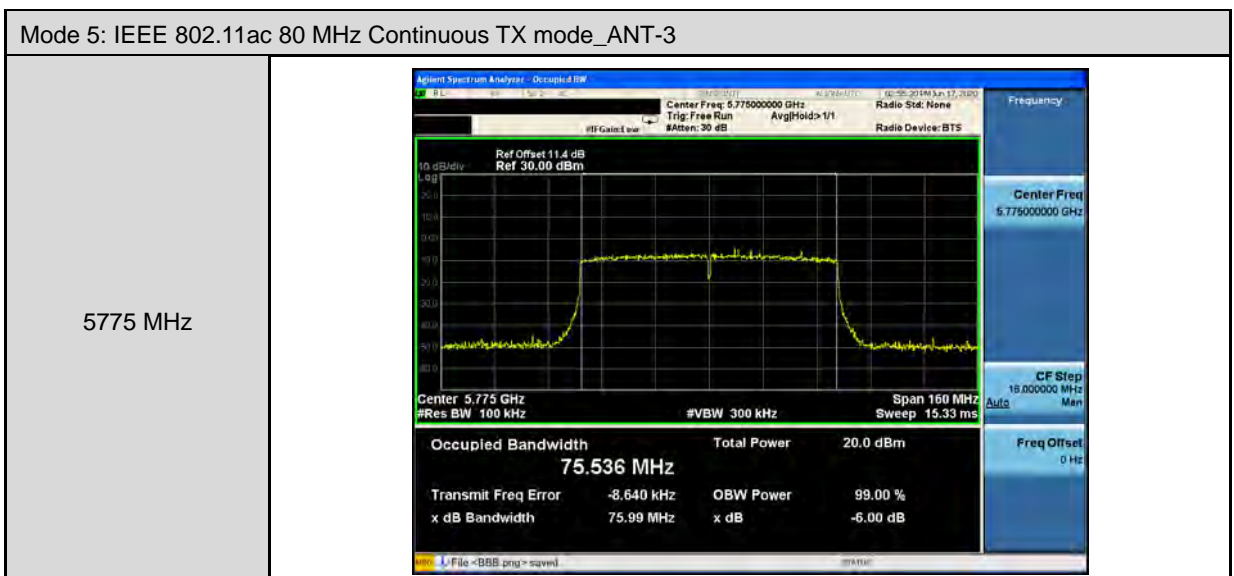
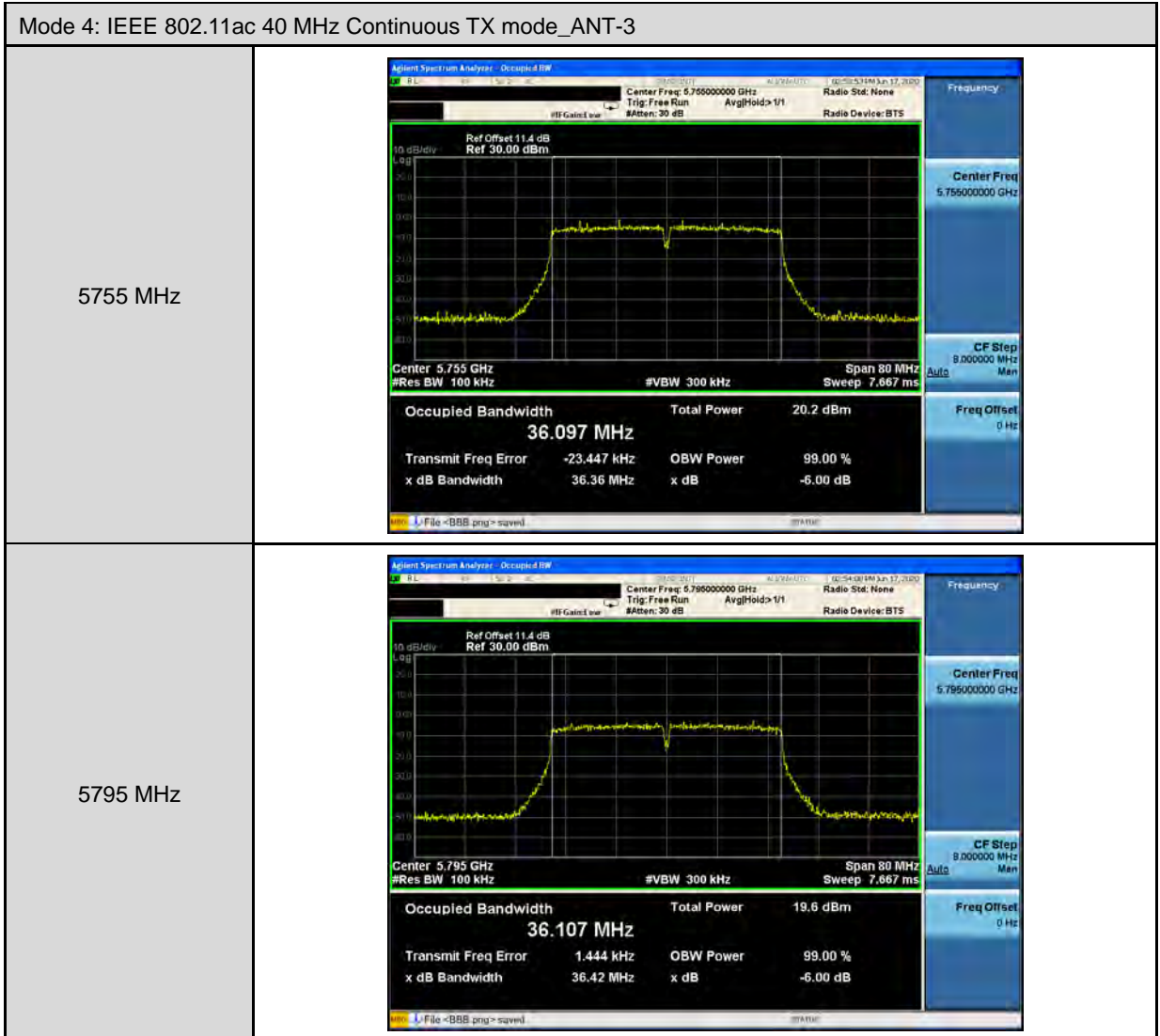


Mode 8: IEEE 802.11ax 80 MHz Continuous TX mode_ANT-2



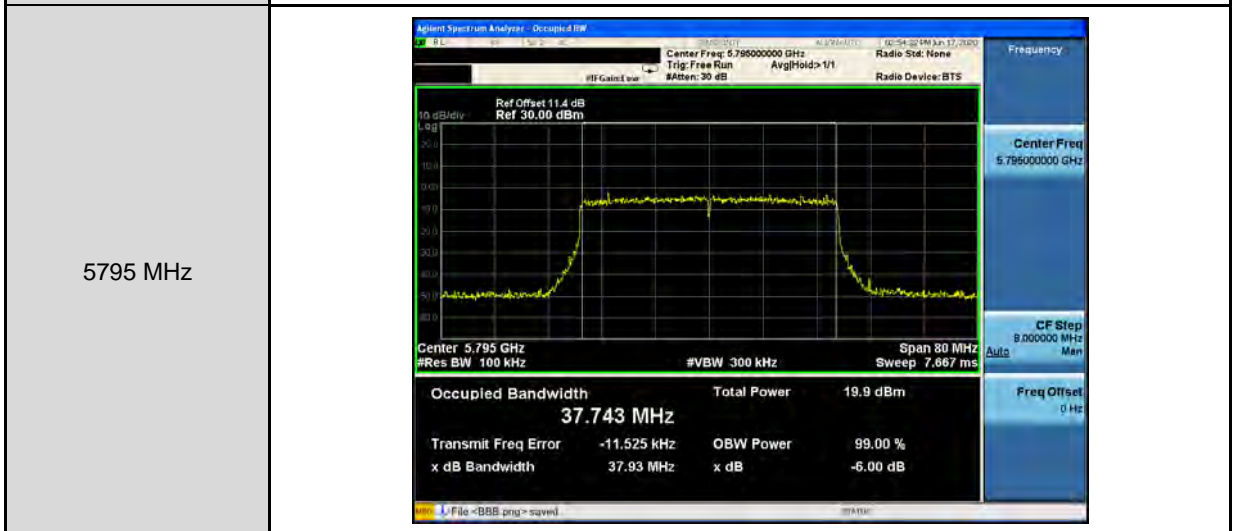
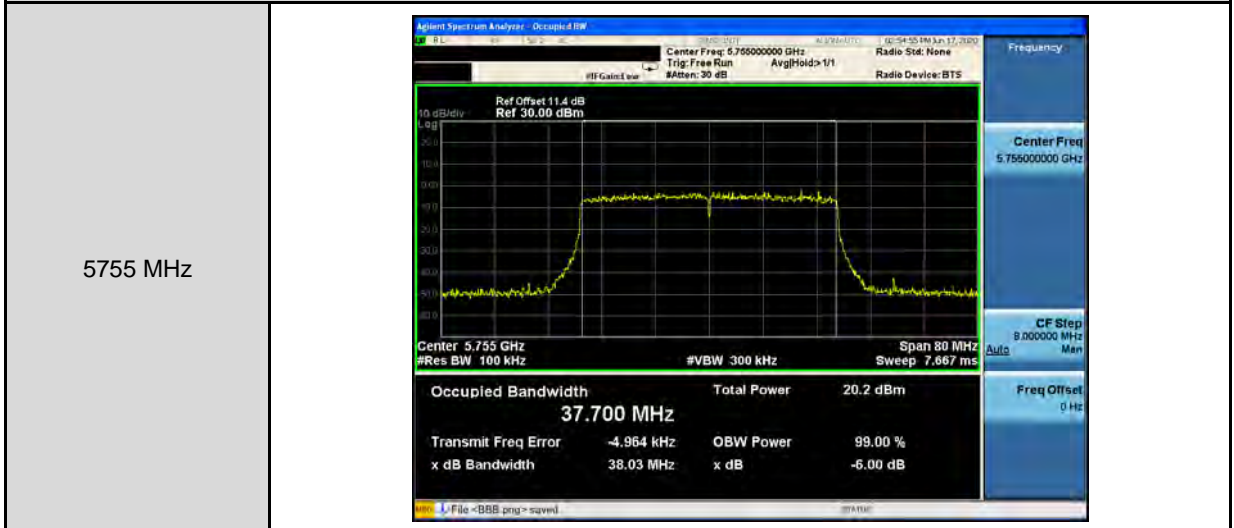


Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-3	
5745 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.745000000 GHz Trig: Free Run Avg/Hold: 1/1 #Att: 30 dB Radio Std: None Radio Device: BTS</p> <p>Ref Offset 11.4 dB Ref 30.00 dBm</p> <p>Center 5.745 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms</p> <p>Occupied Bandwidth 17.576 MHz Total Power 19.8 dBm</p> <p>Transmit Freq Error -6.105 kHz OBW Power 99.00 % x dB Bandwidth 17.57 MHz x dB -6.00 dB</p>
5785 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.785000000 GHz Trig: Free Run Avg/Hold: 1/1 #Att: 30 dB Radio Std: None Radio Device: BTS</p> <p>Ref Offset 11.4 dB Ref 30.00 dBm</p> <p>Center 5.785 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms</p> <p>Occupied Bandwidth 17.576 MHz Total Power 19.5 dBm</p> <p>Transmit Freq Error -3.846 kHz OBW Power 99.00 % x dB Bandwidth 17.60 MHz x dB -6.00 dB</p>
5825 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.825000000 GHz Trig: Free Run Avg/Hold: 1/1 #Att: 30 dB Radio Std: None Radio Device: BTS</p> <p>Ref Offset 11.4 dB Ref 30.00 dBm</p> <p>Center 5.825 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms</p> <p>Occupied Bandwidth 17.574 MHz Total Power 19.4 dBm</p> <p>Transmit Freq Error 4.153 kHz OBW Power 99.00 % x dB Bandwidth 17.62 MHz x dB -6.00 dB</p>

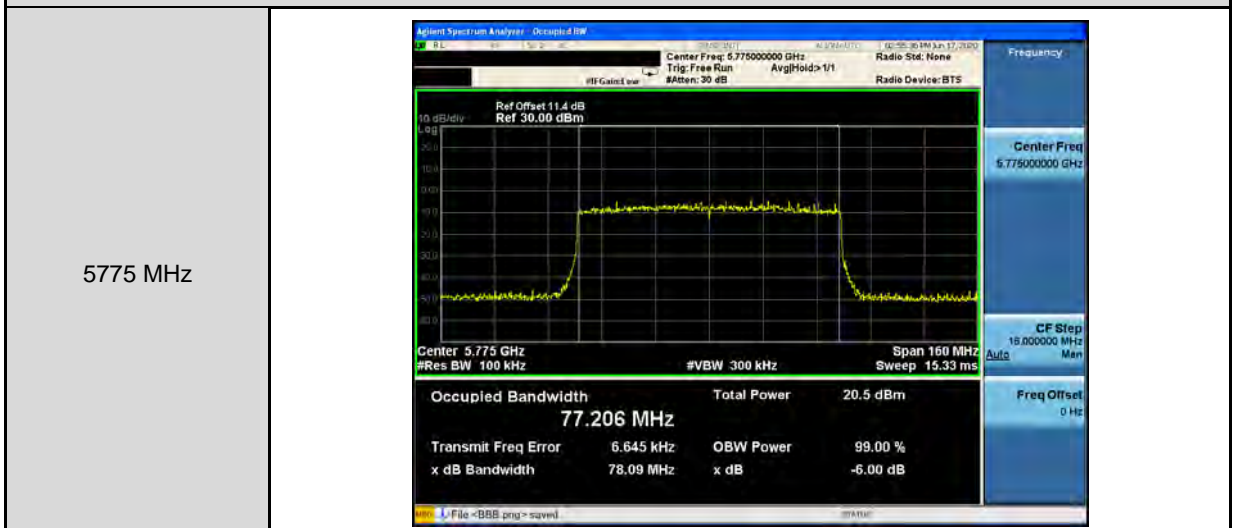


Mode 6: IEEE 802.11ax 20 MHz Continuous TX mode_ANT-3	
5745 MHz	<p>Center Freq: 5.74500000 GHz</p> <p>Occupied Bandwidth: 18.906 MHz</p> <p>Total Power: 20.2 dBm</p> <p>Transmit Freq Error: -7.335 kHz</p> <p>OBW Power: 99.00 %</p>
5785 MHz	<p>Center Freq: 5.78500000 GHz</p> <p>Occupied Bandwidth: 18.909 MHz</p> <p>Total Power: 19.9 dBm</p> <p>Transmit Freq Error: 13.805 kHz</p> <p>OBW Power: 99.00 %</p>
5825 MHz	<p>Center Freq: 5.82500000 GHz</p> <p>Occupied Bandwidth: 18.921 MHz</p> <p>Total Power: 19.4 dBm</p> <p>Transmit Freq Error: -5.400 kHz</p> <p>OBW Power: 99.00 %</p>

Mode 7: IEEE 802.11ax 40 MHz Continuous TX mode_ANT-3



Mode 8: IEEE 802.11ax 80 MHz Continuous TX mode_ANT-3





Maximum Power Spectral Density Measurement

Test Mode	Mode 2: IEEE 802.11a Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	5.581	0.221	5.802	≤ 12.35
5200	5.377	0.221	5.598	
5240	5.562	0.221	5.783	
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	5.911	0.221	6.132	≤ 12.35
5200	5.705	0.221	5.926	
5240	5.823	0.221	6.044	
Frequency (MHz)	ANT-2			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	5.550	0.221	5.771	≤ 12.35
5200	5.177	0.221	5.398	
5240	5.287	0.221	5.508	
Frequency (MHz)	ANT-3			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	5.911	0.221	6.132	≤ 12.35
5200	5.913	0.221	6.134	
5240	5.642	0.221	5.863	
Power Spectral Density and E.I.R.P. Spectral Density				
Frequency (MHz)	ANT-0+1+2+3			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5180.0	11.983			≤ 12.35
5200.0	11.794			
5240.0	11.824			

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



Test Mode	Mode 2: IEEE 802.11a 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)
5745	-0.695	0.221	6.516	≤ 25.31
5785	-0.689	0.221	6.522	
5825	-1.058	0.221	6.153	
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	-0.636	0.221	6.575	≤ 25.31
5785	-0.847	0.221	6.364	
5825	-1.129	0.221	6.082	
Frequency (MHz)	ANT-2			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	0.146	0.221	7.357	≤ 25.31
5785	-0.229	0.221	6.982	
5825	-0.328	0.221	6.883	
Frequency (MHz)	ANT-3			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	-0.691	0.221	6.520	≤ 25.31
5785	-0.665	0.221	6.546	
5825	-0.335	0.221	6.876	
Frequency (MHz)	ANT-0+1+2+3			Limit (dBm/500 kHz)
	Calculated (dBm/500 kHz)			
5745	12.777			≤ 25.31
5785	12.630			
5825	12.536			

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 Mode	Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	7.010	0.168	7.178	≤ 17
5200	8.090	0.168	8.258	
5240	7.939	0.168	8.107	
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	7.452	0.168	7.620	≤ 17
5200	7.968	0.168	8.136	
5240	8.146	0.168	8.314	
Frequency (MHz)	ANT-2			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	7.066	0.168	7.234	≤ 17
5200	7.625	0.168	7.793	
5240	7.546	0.168	7.714	
Frequency (MHz)	ANT-3			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	7.435	0.168	7.603	≤ 17
5200	8.071	0.168	8.239	
5240	7.786	0.168	7.954	
Power Spectral Density and E.I.R.P. Spectral Density				
Frequency (MHz)	ANT-0+1+2+3			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5180.0	13.434			≤ 17
5200.0	14.131			
5240.0	14.048			

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



Test Mode	Mode 3: IEEE 802.11ac 20 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)
5745	-1.905	0.168	5.252	≤ 30
5785	-1.494	0.168	5.663	
5825	-1.176	0.168	5.981	
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	-0.987	0.168	6.170	≤ 30
5785	-1.594	0.168	5.563	
5825	-1.535	0.168	5.622	
Frequency (MHz)	ANT-2			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	-0.679	0.168	6.478	≤ 30
5785	-0.412	0.168	6.745	
5825	-0.792	0.168	6.365	
Frequency (MHz)	ANT-3			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	-1.106	0.168	6.051	≤ 30
5785	-0.917	0.168	6.240	
5825	-0.606	0.168	6.551	
Frequency (MHz)	ANT-0+1+2+3			Limit (dBm/500 kHz)
	Calculated (dBm/500 kHz)			
5745	12.032			≤ 30
5785	12.100			
5825	12.165			

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 Mode	Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	2.359	0.232	2.591	≤ 17
5230	5.349	0.232	5.581	
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	2.888	0.232	3.120	≤ 17
5230	5.385	0.232	5.617	
Frequency (MHz)	ANT-2			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	2.286	0.232	2.518	≤ 17
5230	5.004	0.232	5.236	
Frequency (MHz)	ANT-3			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	3.045	0.232	3.277	≤ 17
5230	5.460	0.232	5.692	
Power Spectral Density and E.I.R.P. Spectral Density				
Frequency (MHz)	ANT-0+1+2+3			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5190.0	8.910			≤ 17
5230.0	11.556			

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



Test Mode	Mode 4: IEEE 802.11ac 40 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)
5755	-4.026	0.232	3.196	≤ 30
5795	-4.117	0.232	3.105	
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5755	-4.035	0.232	3.187	≤ 30
5795	-4.315	0.232	2.907	
Frequency (MHz)	ANT-2			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5755	-2.983	0.232	4.239	≤ 30
5795	-3.095	0.232	4.127	
Frequency (MHz)	ANT-3			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5755	-3.385	0.232	3.837	≤ 30
5795	-3.626	0.232	3.596	
Frequency (MHz)	ANT-0+1+2+3			Limit (dBm/500 kHz)
	Calculated (dBm/500 kHz)			Limit (dBm/500 kHz)
5755	9.658			≤ 30
5795	9.480			

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 Mode	Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5210	-0.707	0.244	-0.463	≤ 17
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5210	-0.471	0.244	-0.227	≤ 17
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5210	-1.050	0.244	-0.806	≤ 17
Frequency (MHz)	ANT-3			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5210	-0.560	0.244	-0.316	≤ 17
Power Spectral Density and E.I.R.P. Spectral Density				
Frequency (MHz)	ANT-0+1+2+3			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5210.0	5.573			≤ 17

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



Test Mode	Mode 5: IEEE 802.11ac 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	-7.338	0.244	-0.105	≤ 30
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5775	-7.233	0.244	0.000	≤ 30
Frequency (MHz)	ANT-2			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5775	-6.161	0.244	1.072	≤ 30
Frequency (MHz)	ANT-3			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5775	-7.206	0.244	0.027	≤ 30
Frequency (MHz)	ANT-0+1+2+3			Limit (dBm/500 kHz)
	Calculated (dBm/500 kHz)			Limit (dBm/500 kHz)
5775	6.297			≤ 30

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 Mode	Mode 6: IEEE 802.11ax 20 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	6.363	0.168	6.531	≤ 17
5200	7.852	0.168	8.020	
5240	8.101	0.168	8.269	
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	6.990	0.168	7.158	≤ 17
5200	7.895	0.168	8.063	
5240	7.903	0.168	8.071	
Frequency (MHz)	ANT-2			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	6.802	0.168	6.970	≤ 17
5200	7.664	0.168	7.832	
5240	7.824	0.168	7.992	
Frequency (MHz)	ANT-3			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	7.122	0.168	7.290	≤ 17
5200	7.936	0.168	8.104	
5240	7.613	0.168	7.781	
Power Spectral Density and E.I.R.P. Spectral Density				
Frequency (MHz)	ANT-0+1+2+3			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5180.0	13.017			≤ 17
5200.0	14.026			
5240.0	14.052			

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



Test Mode	Mode 6: IEEE 802.11ax 20 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)
5745	-2.055	0.168	5.102	≤ 30
5785	-2.041	0.168	5.116	
5825	-2.401	0.168	4.756	
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	-2.023	0.168	5.134	≤ 30
5785	-1.994	0.168	5.163	
5825	-2.821	0.168	4.336	
Frequency (MHz)	ANT-2			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	-1.062	0.168	6.095	≤ 30
5785	-1.290	0.168	5.867	
5825	-1.797	0.168	5.360	
Frequency (MHz)	ANT-3			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	-1.642	0.168	5.515	≤ 30
5785	-2.037	0.168	5.120	
5825	-1.997	0.168	5.160	
Frequency (MHz)	ANT-0+1+2+3			Limit (dBm/500 kHz)
	Calculated (dBm/500 kHz)			
5745	11.501			≤ 30
5785	11.349			
5825	10.942			

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 Mode	Mode 7: IEEE 802.11ax 40 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	2.454	0.232	2.686	≤ 17
5230	5.153	0.232	5.385	
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	2.756	0.232	2.988	≤ 17
5230	5.506	0.232	5.738	
Frequency (MHz)	ANT-2			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	2.668	0.232	2.900	≤ 17
5230	5.108	0.232	5.340	
Frequency (MHz)	ANT-3			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	2.923	0.232	3.155	≤ 17
5230	5.419	0.232	5.651	
Power Spectral Density and E.I.R.P. Spectral Density				
Frequency (MHz)	ANT-0+1+2+3			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5190.0	8.956			≤ 17
5230.0	11.553			

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



Test Mode	Mode 7: IEEE 802.11ax 40 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)
5755	-4.645	0.232	2.577	≤ 30
5795	-5.057	0.232	2.165	
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5755	-4.667	0.232	2.555	≤ 30
5795	-5.212	0.232	2.010	
Frequency (MHz)	ANT-2			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5755	-3.459	0.232	3.763	≤ 30
5795	-3.558	0.232	3.664	
Frequency (MHz)	ANT-3			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5755	-4.665	0.232	2.557	≤ 30
5795	-4.670	0.232	2.552	
Frequency (MHz)	ANT-0+1+2+3			Limit (dBm/500 kHz)
	Calculated (dBm/500 kHz)			Limit (dBm/500 kHz)
5755	8.916			≤ 30
5795	8.668			

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 Mode	Mode 8: IEEE 802.11ax 80 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5210	-0.531	0.244	-0.287	≤ 17
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5210	-0.916	0.244	-0.672	≤ 17
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5210	-1.076	0.244	-0.832	≤ 17
Frequency (MHz)	ANT-3			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5210	-0.478	0.244	-0.234	≤ 17
Power Spectral Density and E.I.R.P. Spectral Density				
Frequency (MHz)	ANT-0+1+2+3			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5210.0	5.521			≤ 17

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



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	-8.160	0.244	-0.927	≤ 30
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5775	-7.876	0.244	-0.643	≤ 30
Frequency (MHz)	ANT-2			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5775	-6.852	0.244	0.381	≤ 30
Frequency (MHz)	ANT-3			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5775	-7.597	0.244	-0.364	≤ 30
Frequency (MHz)	ANT-0+1+2+3			Limit (dBm/500 kHz)
	Calculated (dBm/500 kHz)			Limit (dBm/500 kHz)
5775	5.661			≤ 30

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)



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Test Mode	Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	0.803	0.168	0.971	≤ 12.35
5200	1.568	0.168	1.736	
5240	1.593	0.168	1.761	
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	1.127	0.168	1.295	≤ 12.35
5200	1.675	0.168	1.843	
5240	1.732	0.168	1.900	
Frequency (MHz)	ANT-2			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	0.943	0.168	1.111	≤ 12.35
5200	1.181	0.168	1.349	
5240	1.331	0.168	1.499	
Frequency (MHz)	ANT-3			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	1.150	0.168	1.318	≤ 12.35
5200	1.695	0.168	1.863	
5240	1.571	0.168	1.739	
Power Spectral Density and E.I.R.P. Spectral Density				
Frequency (MHz)	ANT-0+1+2+3			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5180.0	7.196			≤ 12.35
5200.0	7.723			
5240.0	7.747			

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



Test Mode	Mode 3: IEEE 802.11ac 20 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)
5745	-7.734	0.168	-0.577	≤ 25.31
5785	-8.084	0.168	-0.927	
5825	-7.655	0.168	-0.498	
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	-7.472	0.168	-0.315	≤ 25.31
5785	-7.690	0.168	-0.533	
5825	-7.919	0.168	-0.762	
Frequency (MHz)	ANT-2			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	-6.910	0.168	0.247	≤ 25.31
5785	-6.885	0.168	0.272	
5825	-7.244	0.168	-0.087	
Frequency (MHz)	ANT-3			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	-7.380	0.168	-0.223	≤ 25.31
5785	-7.558	0.168	-0.401	
5825	-7.416	0.168	-0.259	
Frequency (MHz)	ANT-0+1+2+3			Limit (dBm/500 kHz)
	Calculated (dBm/500 kHz)			
5745	5.814			≤ 25.31
5785	5.645			
5825	5.627			

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 Mode	Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	-3.916	0.232	-3.684	≤ 12.35
5230	-1.224	0.232	-0.992	
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	-3.881	0.232	-3.649	≤ 12.35
5230	-0.935	0.232	-0.703	
Frequency (MHz)	ANT-2			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	-3.789	0.232	-3.557	≤ 12.35
5230	-1.100	0.232	-0.868	
Frequency (MHz)	ANT-3			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	-3.741	0.232	-3.509	≤ 12.35
5230	-1.121	0.232	-0.889	
Power Spectral Density and E.I.R.P. Spectral Density				
Frequency (MHz)	ANT-0+1+2+3			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5190.0	2.422			≤ 12.35
5230.0	5.159			

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



Test Mode	Mode 4: IEEE 802.11ac 40 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)
5755	-10.931	0.232	-3.709	≤ 25.31
5795	-10.866	0.232	-3.644	
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5755	-10.483	0.232	-3.261	≤ 25.31
5795	-10.769	0.232	-3.547	
Frequency (MHz)	ANT-2			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5755	-9.867	0.232	-2.645	≤ 25.31
5795	-10.031	0.232	-2.809	
Frequency (MHz)	ANT-3			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5755	-10.174	0.232	-2.952	≤ 25.31
5795	-10.467	0.232	-3.245	
Frequency (MHz)	ANT-0+1+2+3			Limit (dBm/500 kHz)
	Calculated (dBm/500 kHz)			Limit (dBm/500 kHz)
5755	2.897			≤ 25.31
5795	2.722			

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 Mode	Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5210	-7.234	0.244	-6.990	≤ 12.35
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5210	-7.606	0.244	-7.362	≤ 12.35
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5210	-7.523	0.244	-7.279	≤ 12.35
Frequency (MHz)	ANT-3			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5210	-7.448	0.244	-7.204	≤ 12.35
Power Spectral Density and E.I.R.P. Spectral Density				
Frequency (MHz)	ANT-0+1+2+3			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5210.0	-1.186			≤ 12.35

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



Test Mode	Mode 5: IEEE 802.11ac 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	-14.084	0.244	-6.851	≤ 25.31
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5775	-14.107	0.244	-6.874	≤ 25.31
Frequency (MHz)	ANT-2			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5775	-12.990	0.244	-5.757	≤ 25.31
Frequency (MHz)	ANT-3			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5775	-13.692	0.244	-6.459	≤ 25.31
Frequency (MHz)	ANT-0+1+2+3			Limit (dBm/500 kHz)
	Calculated (dBm/500 kHz)			Limit (dBm/500 kHz)
5775	-0.440			≤ 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 Mode	Mode 6: IEEE 802.11ax 20 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	0.188	0.168	0.356	≤ 12.35
5200	1.878	0.168	2.046	
5240	1.943	0.168	2.111	
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	0.408	0.168	0.576	≤ 12.35
5200	2.083	0.168	2.251	
5240	2.040	0.168	2.208	
Frequency (MHz)	ANT-2			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	0.221	0.168	0.389	≤ 12.35
5200	1.563	0.168	1.731	
5240	1.690	0.168	1.858	
Frequency (MHz)	ANT-3			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	0.620	0.168	0.788	≤ 12.35
5200	2.165	0.168	2.333	
5240	1.721	0.168	1.889	
Power Spectral Density and E.I.R.P. Spectral Density				
Frequency (MHz)	ANT-0+1+2+3			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5180.0	6.551			≤ 12.35
5200.0	8.117			
5240.0	8.039			

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



Test Mode	Mode 6: IEEE 802.11ax 20 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)
5745	-8.690	0.168	-1.533	≤ 25.31
5785	-8.834	0.168	-1.677	
5825	-8.639	0.168	-1.482	
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	-8.185	0.168	-1.028	≤ 25.31
5785	-8.527	0.168	-1.370	
5825	-8.576	0.168	-1.419	
Frequency (MHz)	ANT-2			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	-7.403	0.168	-0.246	≤ 25.31
5785	-7.576	0.168	-0.419	
5825	-7.906	0.168	-0.749	
Frequency (MHz)	ANT-3			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	-8.015	0.168	-0.858	≤ 25.31
5785	-8.578	0.168	-1.421	
5825	-8.323	0.168	-1.166	
Frequency (MHz)	ANT-0+1+2+3			Limit (dBm/500 kHz)
	Calculated (dBm/500 kHz)			
5745	5.129			≤ 25.31
5785	4.826			
5825	4.827			

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 Mode	Mode 7: IEEE 802.11ax 40 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	-3.924	0.232	-3.692	≤ 12.35
5230	-0.939	0.232	-0.707	
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	-3.902	0.232	-3.670	≤ 12.35
5230	-0.731	0.232	-0.499	
Frequency (MHz)	ANT-2			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	-3.931	0.232	-3.699	≤ 12.35
5230	-0.986	0.232	-0.754	
Frequency (MHz)	ANT-3			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	-3.548	0.232	-3.316	≤ 12.35
5230	-0.927	0.232	-0.695	
Power Spectral Density and E.I.R.P. Spectral Density				
Frequency (MHz)	ANT-0+1+2+3			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5190.0	2.430			≤ 12.35
5230.0	5.358			

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



Test Mode	Mode 7: IEEE 802.11ax 40 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)
5755	-11.677	0.232	-4.455	≤ 25.31
5795	-11.500	0.232	-4.278	
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5755	-11.370	0.232	-4.148	≤ 25.31
5795	-11.675	0.232	-4.453	
Frequency (MHz)	ANT-2			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5755	-9.977	0.232	-2.755	≤ 25.31
5795	-10.428	0.232	-3.206	
Frequency (MHz)	ANT-3			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5755	-10.825	0.232	-3.603	≤ 25.31
5795	-11.186	0.232	-3.964	
Frequency (MHz)	ANT-0+1+2+3			Limit (dBm/500 kHz)
	Calculated (dBm/500 kHz)			Limit (dBm/500 kHz)
5755	2.329			≤ 25.31
5795	2.072			

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 Mode	Mode 8: IEEE 802.11ax 80 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5210	-7.513	0.244	-7.269	≤ 12.35
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5210	-7.612	0.244	-7.368	≤ 12.35
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5210	-7.634	0.244	-7.390	≤ 12.35
Frequency (MHz)	ANT-3			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5210	-7.244	0.244	-7.000	≤ 12.35
Power Spectral Density and E.I.R.P. Spectral Density				
Frequency (MHz)	ANT-0+1+2+3			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5210.0	-1.234			≤ 12.35

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

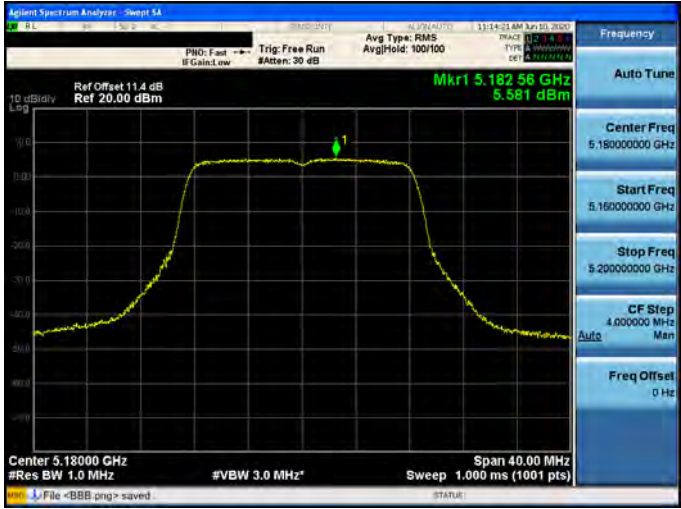
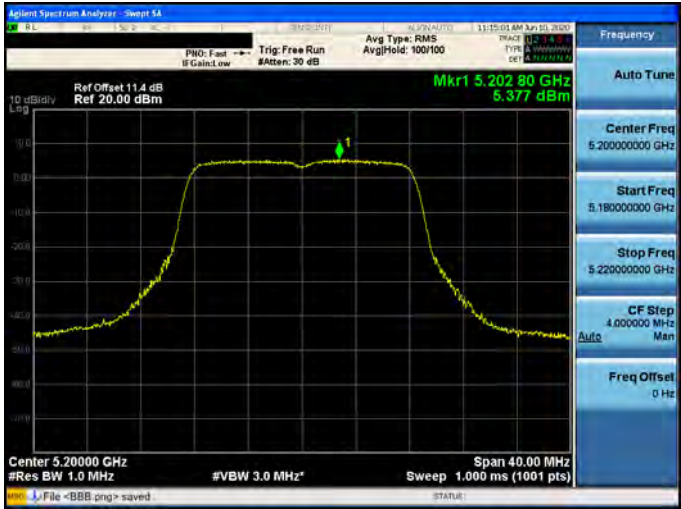
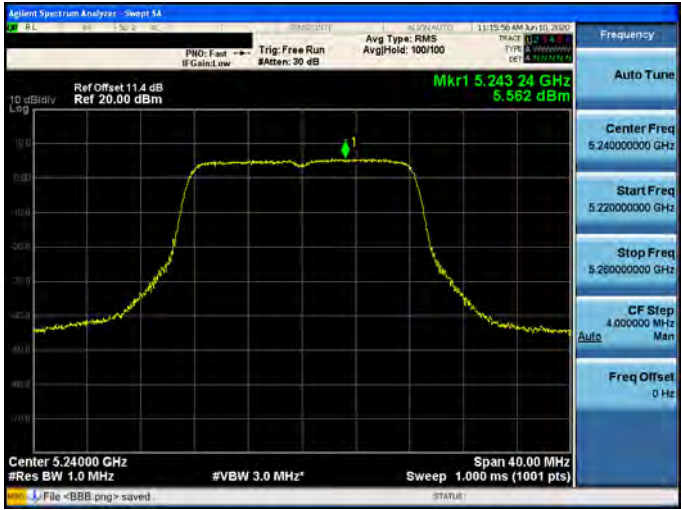


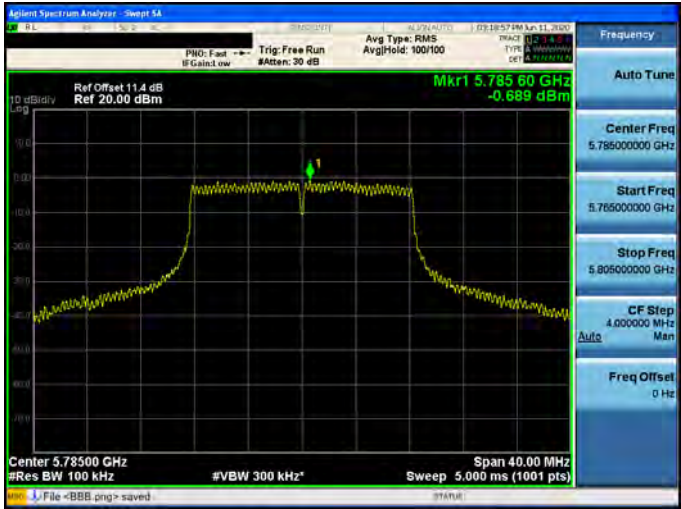

Test Mode	Mode 8: IEEE 802.11ax 80 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5775	-14.595	0.244	-7.362	≤ 25.31
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty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


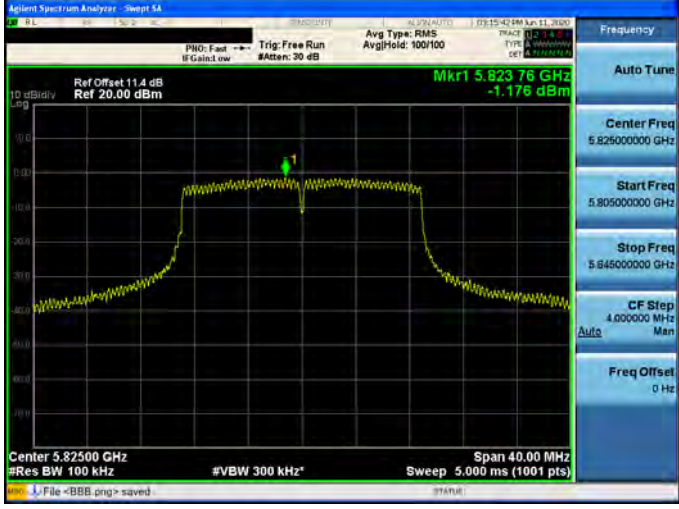
Mode 2: IEEE 802.11a Continuous TX mode_ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	

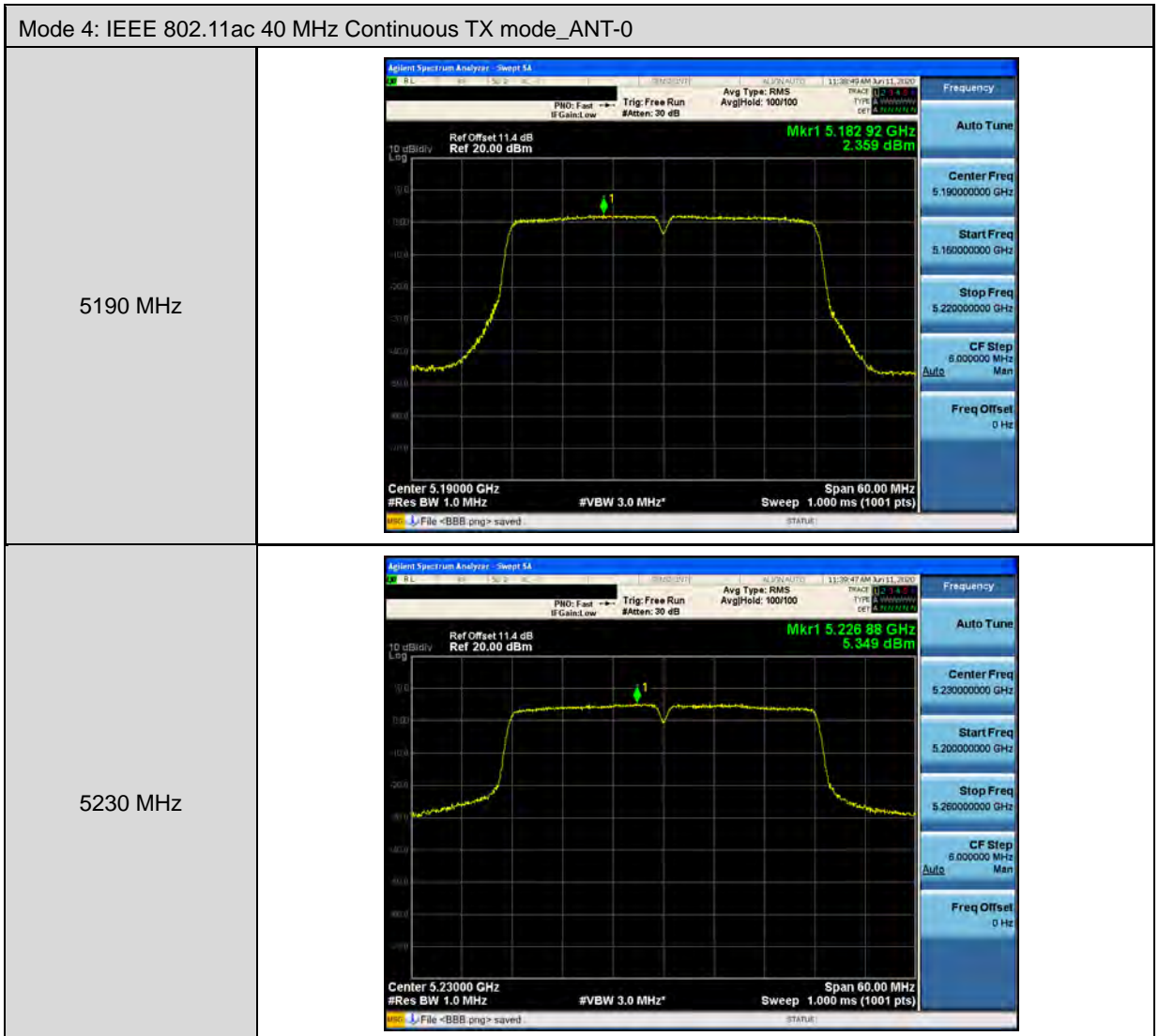
Mode 2: IEEE 802.11a Continuous TX mode_ANT-0	
5745 MHz	 <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Ref Offset 11.4 dB Ref 20.00 dBm</p> <p>Mkr1 5.741 24 GHz -0.695 dBm</p> <p>Center 5.74500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p> <p>File > Save File > BBB.png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

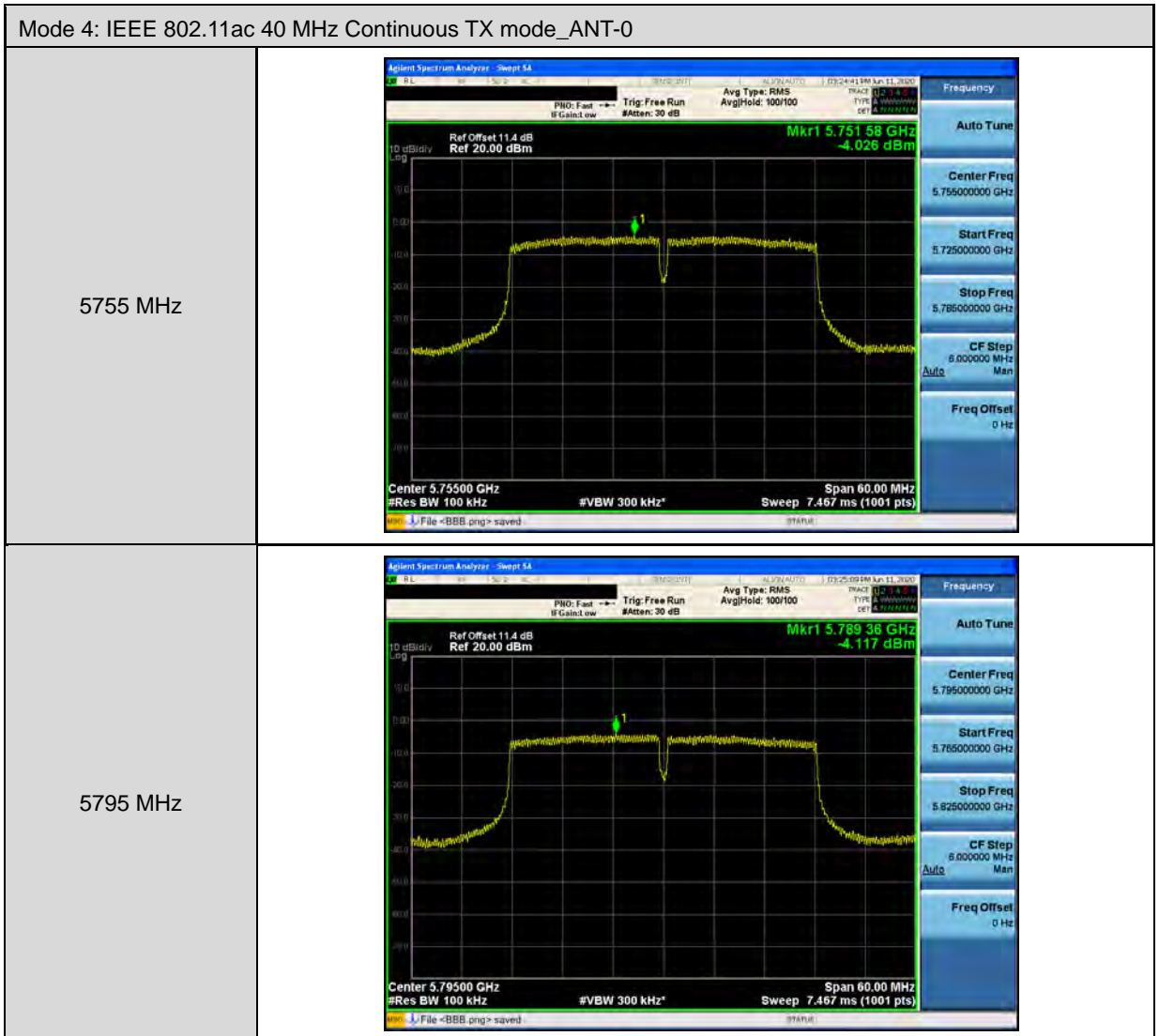


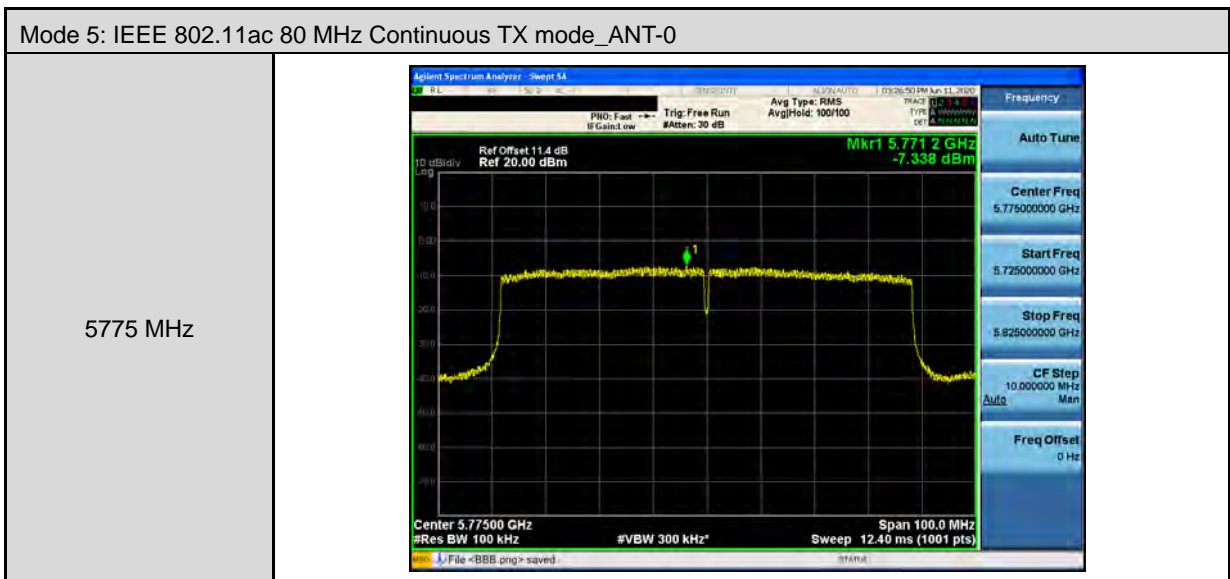
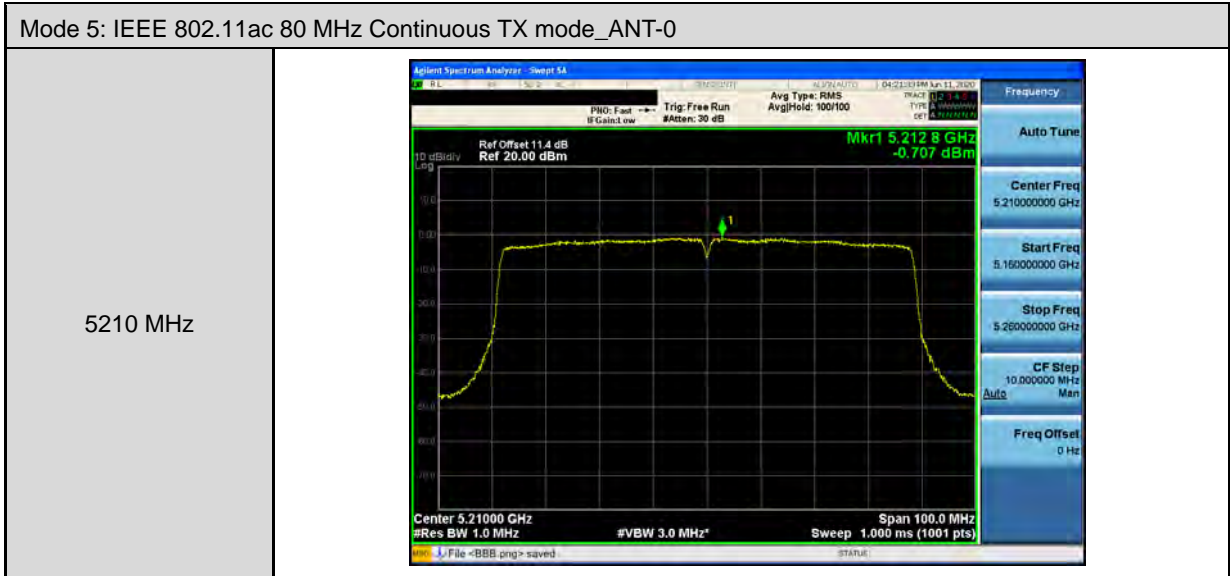
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-0	
5180 MHz	<p>Agilent Spectrum Analyzer - Swept SA 11:39:20 AM 3/11/2007 PNO: Fast B Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.177 76 GHz 7.010 dBm Center 5.18000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts) Span 40.00 MHz File «BBB.png» saved</p>
5200 MHz	<p>Agilent Spectrum Analyzer - Swept SA 11:39:23 AM 3/11/2007 PNO: Fast B 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 Sweep 1.000 ms (1001 pts) Span 40.00 MHz File «BBB.png» saved</p>
5240 MHz	<p>Agilent Spectrum Analyzer - Swept SA 11:39:43 AM 3/11/2007 PNO: Fast B 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 Sweep 1.000 ms (1001 pts) Span 40.00 MHz File «BBB.png» saved</p>






Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-0	
5745 MHz	 <p>Agilent Spectrum Analyzer - Swept SA 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 - Swept SA 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 - Swept SA 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>






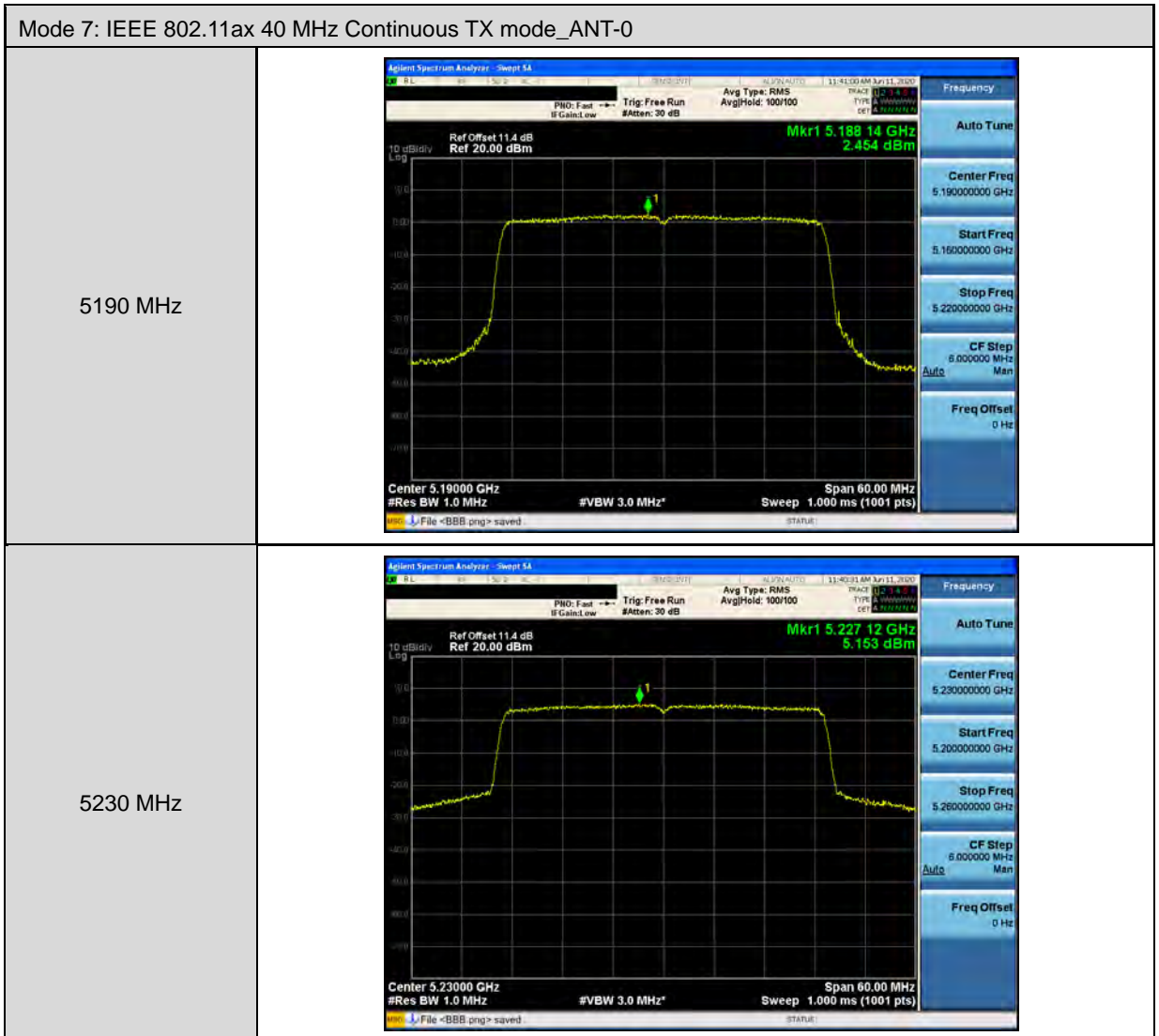






Mode 6: IEEE 802.11ax 20 MHz Continuous TX mode_ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	

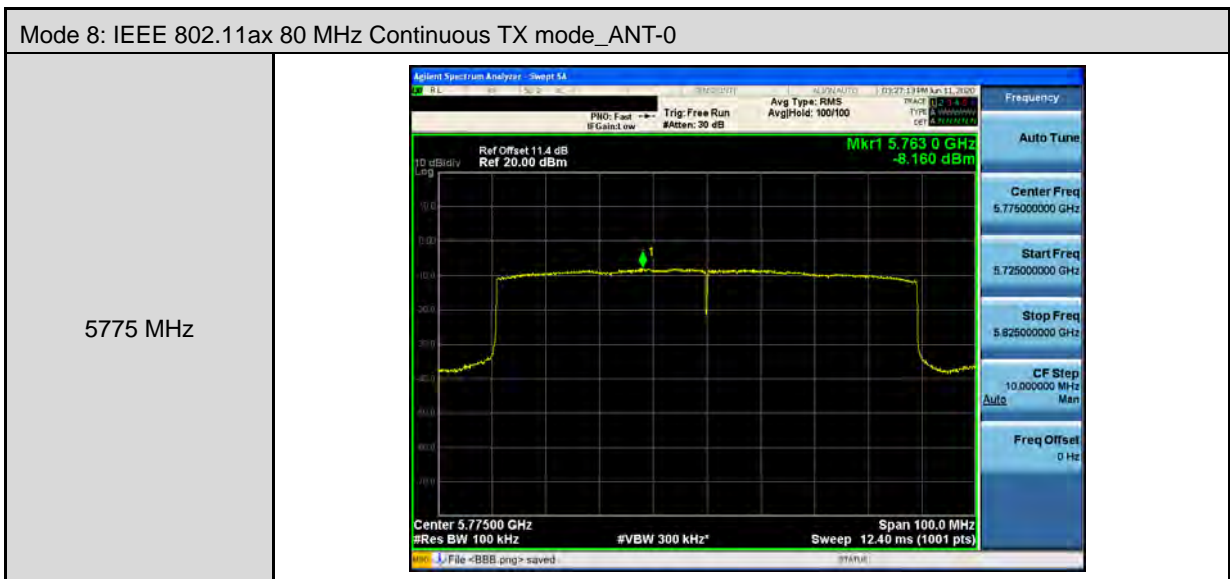
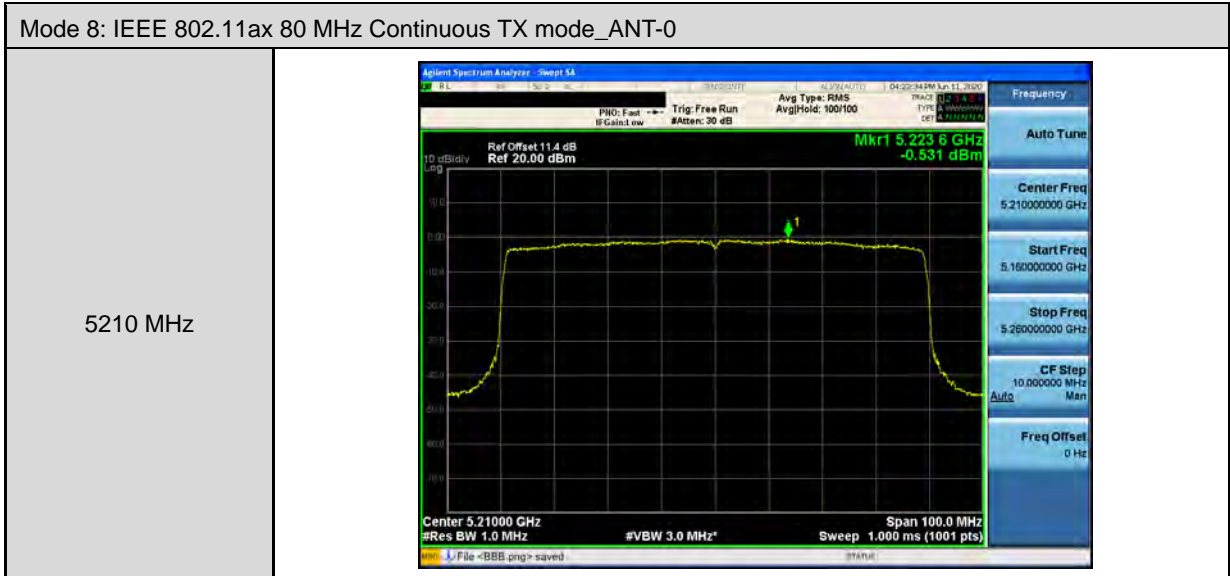


Mode 6: IEEE 802.11ax 20 MHz Continuous TX mode_ANT-0	
5745 MHz	 <p>Agilent Spectrum Analyzer - Swept SA 03/22/2017 10:29:03 AM Mx 11, 3000 PNO: Fast B Gain: low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.742 20 GHz -2.055 dBm 10 dB/div Log Center 5.74500 GHz Span 40.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 5.000 ms (1001 pts) File >BBB.png> saved</p>
5785 MHz	 <p>Agilent Spectrum Analyzer - Swept SA 03/22/2017 10:29:37 AM Mx 11, 3000 PNO: Fast B Gain: low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.788 12 GHz -2.041 dBm 10 dB/div Log Center 5.78500 GHz Span 40.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 5.000 ms (1001 pts) File >BBB.png> saved</p>
5825 MHz	 <p>Agilent Spectrum Analyzer - Swept SA 03/22/2017 10:30:03 AM Mx 11, 3000 PNO: Fast B Gain: low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.826 28 GHz -2.401 dBm 10 dB/div Log Center 5.82500 GHz Span 40.00 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 5.000 ms (1001 pts) File >BBB.png> saved</p>






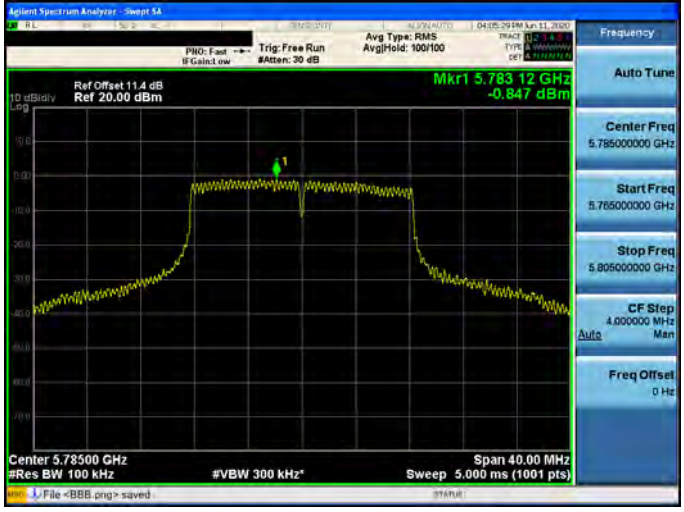

Mode 7: IEEE 802.11ax 40 MHz Continuous TX mode_ANT-0	
5755 MHz	 <p>Agilent Spectrum Analyzer - Sweep SA 04/02/2011 04:00:00 PM Apr 11, 2010 FNO: Fast IF Gain: Low Trig: Free Run Avg Type: RMS Avg/Hold: 100/100 #Atten: 30 dB Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.748 94 GHz -4.645 dBm Center 5.75500 GHz #Res BW 100 kHz #VBW 300 kHz Span 60.00 MHz Sweep 7.467 ms (1001 pts) File > File <BBB.png> saved</p>
5795 MHz	 <p>Agilent Spectrum Analyzer - Sweep SA 03/29/2011 03:29:59 PM Apr 11, 2010 FNO: Fast IF Gain: Low Trig: Free Run Avg Type: RMS Avg/Hold: 100/100 #Atten: 30 dB Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.788 76 GHz -5.057 dBm Center 5.79500 GHz #Res BW 100 kHz #VBW 300 kHz Span 60.00 MHz Sweep 7.467 ms (1001 pts) File > File <BBB.png> saved</p>





Mode 2: IEEE 802.11a Continuous TX mode_ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	



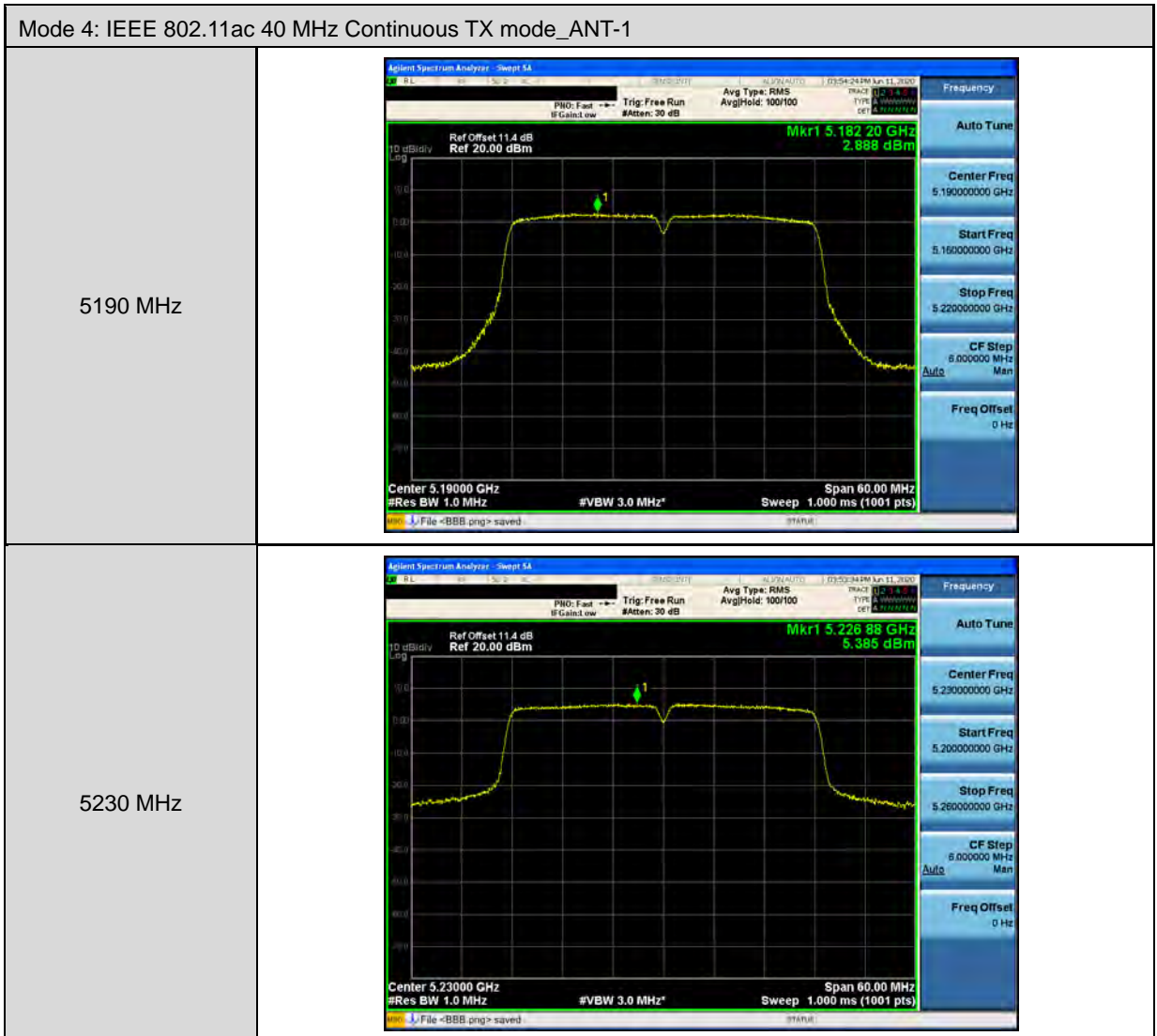
Mode 2: IEEE 802.11a Continuous TX mode_ANT-1	
5745 MHz	
5785 MHz	
5825 MHz	





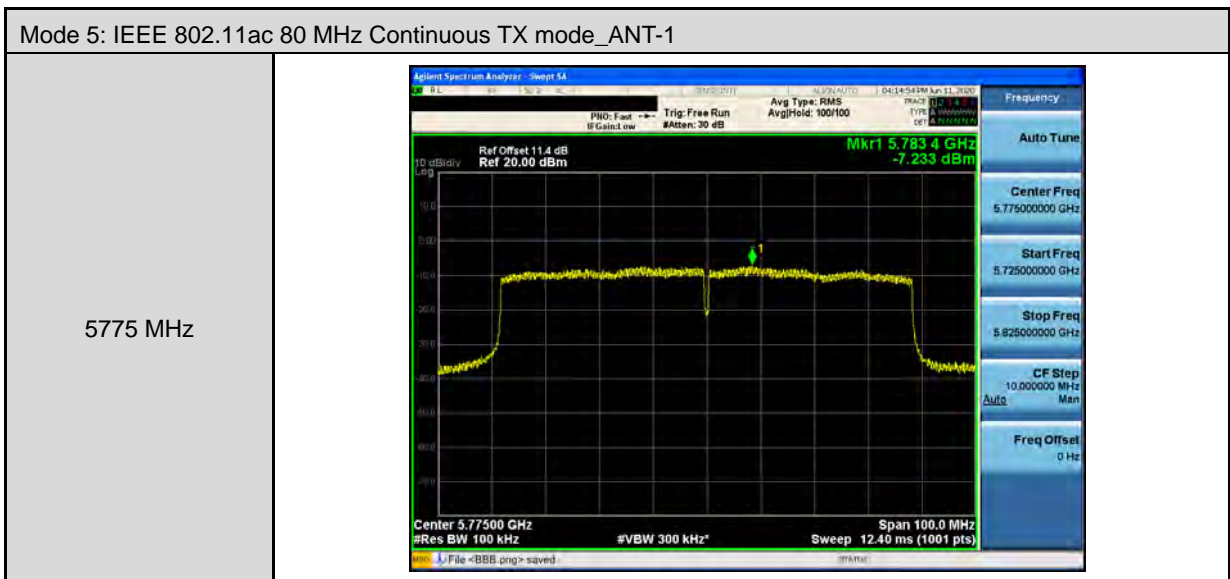
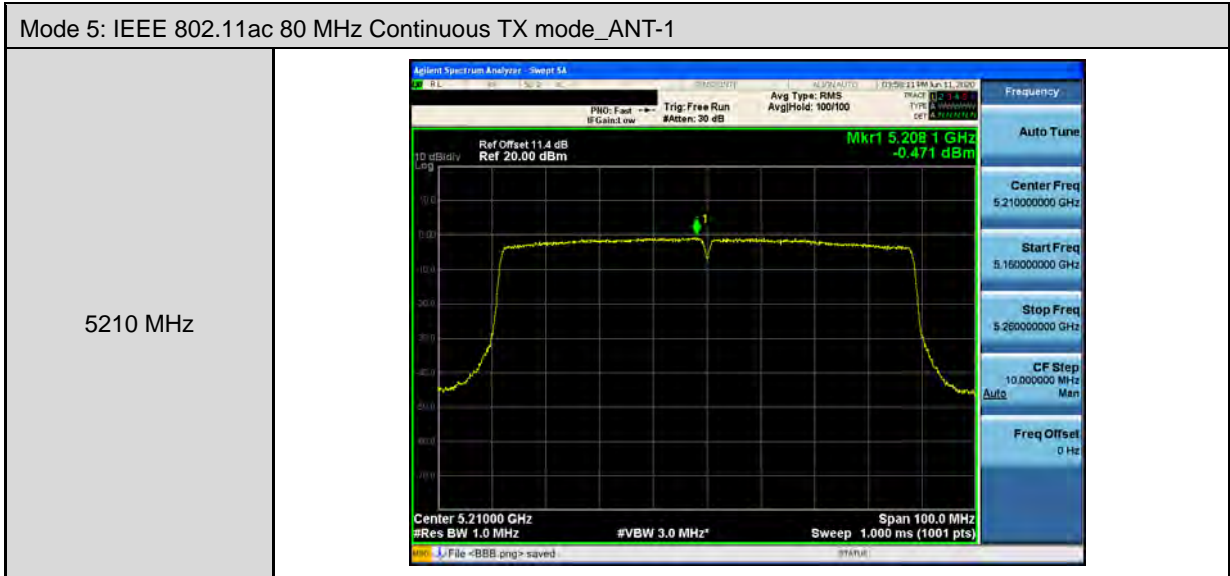
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	



Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-1	
5745 MHz	<p>Agilent Spectrum Analyzer - Sweep 54</p> <p>Ref Offset 11.4 dB Ref 20.00 dBm</p> <p>Mkr1 5.747 80 GHz -0.987 dBm</p> <p>Center 5.74500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 5.745000000 GHz</p> <p>Start Freq 5.725000000 GHz</p> <p>Stop Freq 5.765000000 GHz</p> <p>CF Step 4.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
5785 MHz	<p>Agilent Spectrum Analyzer - Sweep 54</p> <p>Ref Offset 11.4 dB Ref 20.00 dBm</p> <p>Mkr1 5.780 64 GHz -1.594 dBm</p> <p>Center 5.78500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 5.785000000 GHz</p> <p>Start Freq 5.765000000 GHz</p> <p>Stop Freq 5.805000000 GHz</p> <p>CF Step 4.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>
5825 MHz	<p>Agilent Spectrum Analyzer - Sweep 54</p> <p>Ref Offset 11.4 dB Ref 20.00 dBm</p> <p>Mkr1 5.828 12 GHz -1.535 dBm</p> <p>Center 5.82500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p> <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 5.825000000 GHz</p> <p>Start Freq 5.805000000 GHz</p> <p>Stop Freq 5.845000000 GHz</p> <p>CF Step 4.000000 MHz Auto Man</p> <p>Freq Offset 0 Hz</p>



Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ANT-1	
5755 MHz	 <p>Agilent Spectrum Analyzer - Sweep 54</p> <p>Ref Offset 11.4 dB Ref 20.00 dBm</p> <p>Mkr1 5.76250 GHz -4.035 dBm</p> <p>Center 5.75500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 60.00 MHz Sweep 7.467 ms (1001 pts)</p> <p>File <BBB.png> saved</p>
5795 MHz	 <p>Agilent Spectrum Analyzer - Sweep 54</p> <p>Ref Offset 11.4 dB Ref 20.00 dBm</p> <p>Mkr1 5.80316 GHz -4.315 dBm</p> <p>Center 5.79500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 60.00 MHz Sweep 7.467 ms (1001 pts)</p> <p>File <BBB.png> saved</p>







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



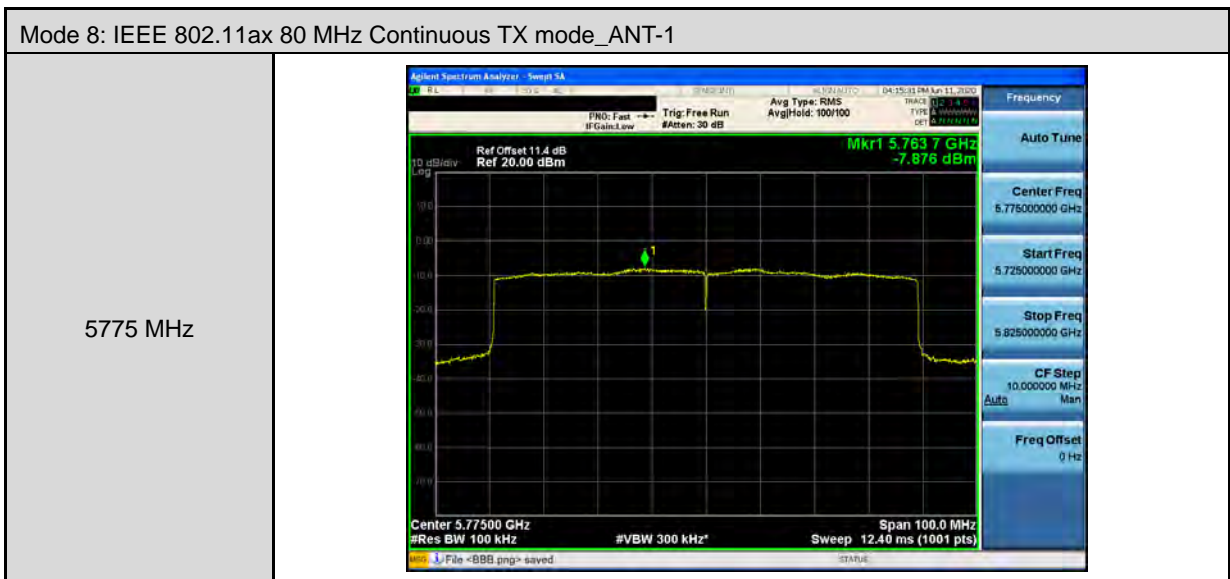
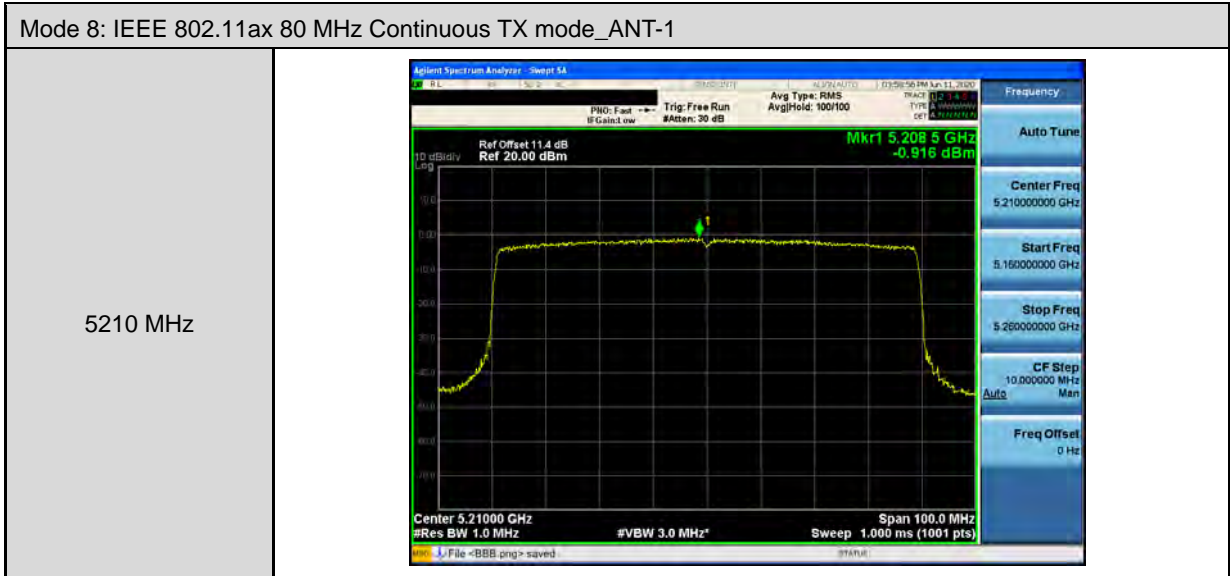
Mode 6: IEEE 802.11ax 20 MHz Continuous TX mode_ANT-1	
5745 MHz	
5785 MHz	
5825 MHz	



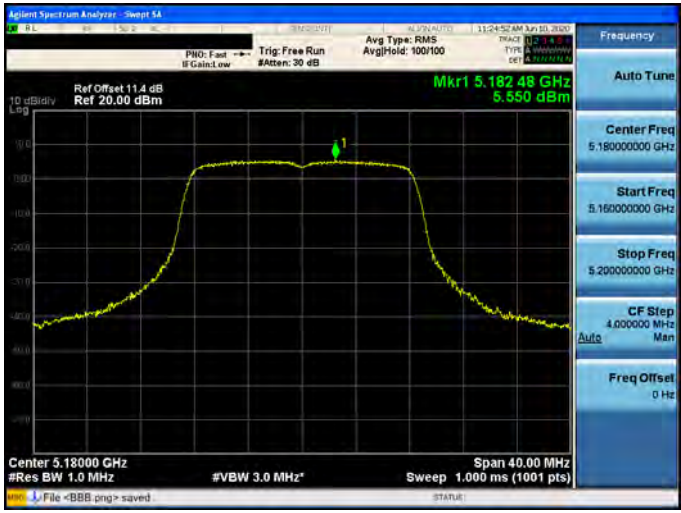
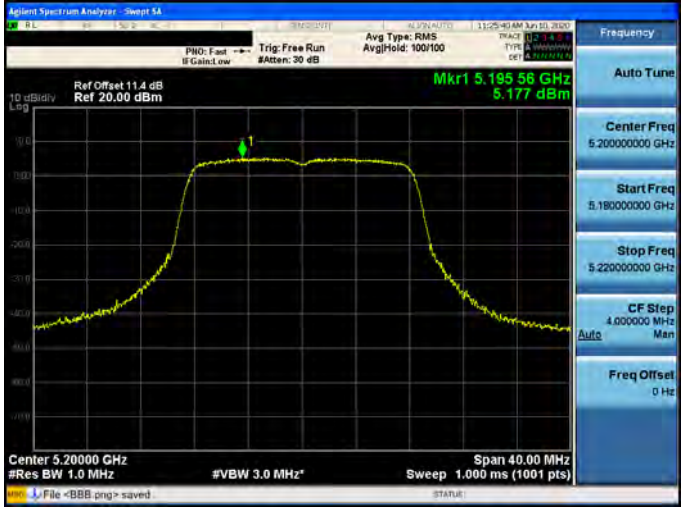

Mode 7: IEEE 802.11ax 40 MHz Continuous TX mode_ANT-1	
5190 MHz	 <p>Agilent Spectrum Analyzer - Sweep 54</p> <p>Ref Offset 11.4 dB Ref 20.00 dBm</p> <p>Mkr1 5.19756 GHz 2.756 dBm</p> <p>Center 5.19000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Span 60.00 MHz Sweep 1.000 ms (1001 pts)</p> <p>File <BBB.png> saved</p>
5230 MHz	 <p>Agilent Spectrum Analyzer - Sweep 54</p> <p>Ref Offset 11.4 dB Ref 20.00 dBm</p> <p>Mkr1 5.22802 GHz 5.506 dBm</p> <p>Center 5.23000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Span 60.00 MHz Sweep 1.000 ms (1001 pts)</p> <p>File <BBB.png> saved</p>






Mode 7: IEEE 802.11ax 40 MHz Continuous TX mode_ANT-1	
5755 MHz	<p>Agilent Spectrum Analyzer - Sweep 54</p> <p>Ref Offset 11.4 dB Ref 20.00 dBm</p> <p>Mkr1 5.76238 GHz -4.687 dBm</p> <p>Center 5.75500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 60.00 MHz Sweep 7.467 ms (1001 pts)</p> <p>File <BBB.png> saved</p>
5795 MHz	<p>Agilent Spectrum Analyzer - Sweep 54</p> <p>Ref Offset 11.4 dB Ref 20.00 dBm</p> <p>Mkr1 5.79140 GHz -5.212 dBm</p> <p>Center 5.79500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 60.00 MHz Sweep 7.467 ms (1001 pts)</p> <p>File <BBB.png> saved</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	
5785 MHz	
5825 MHz	

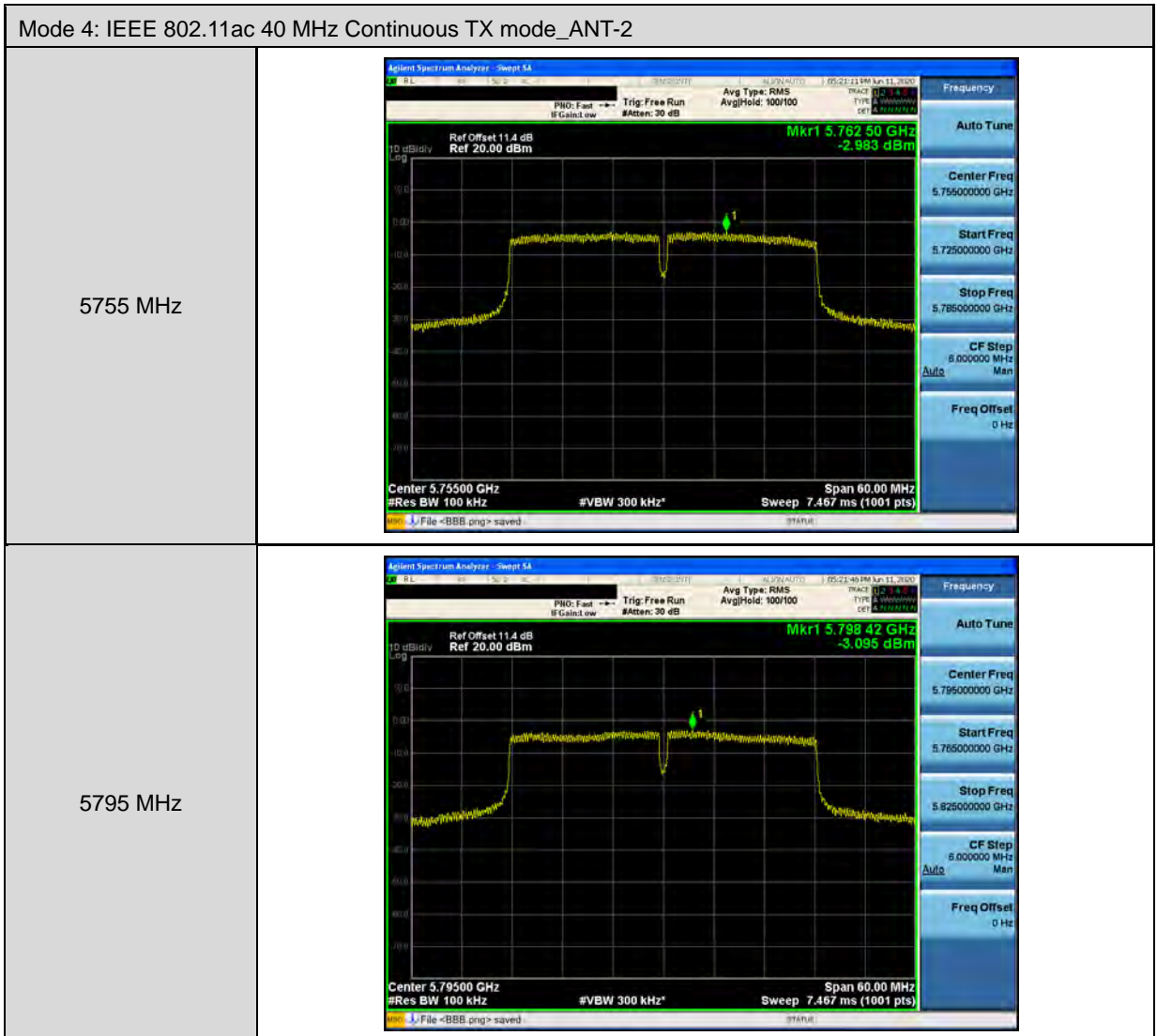


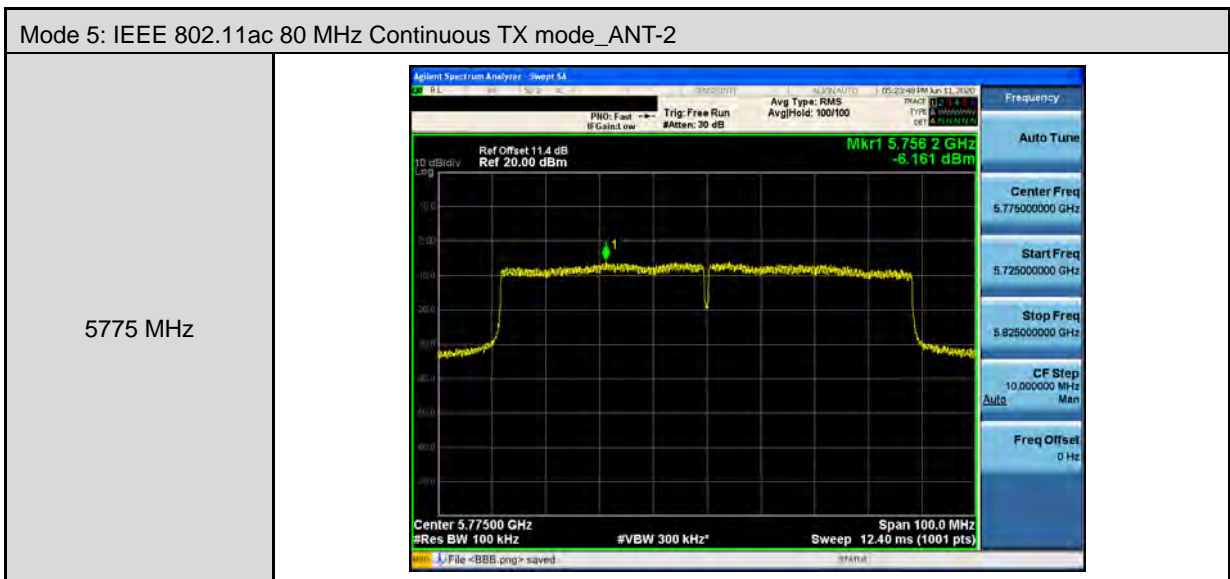
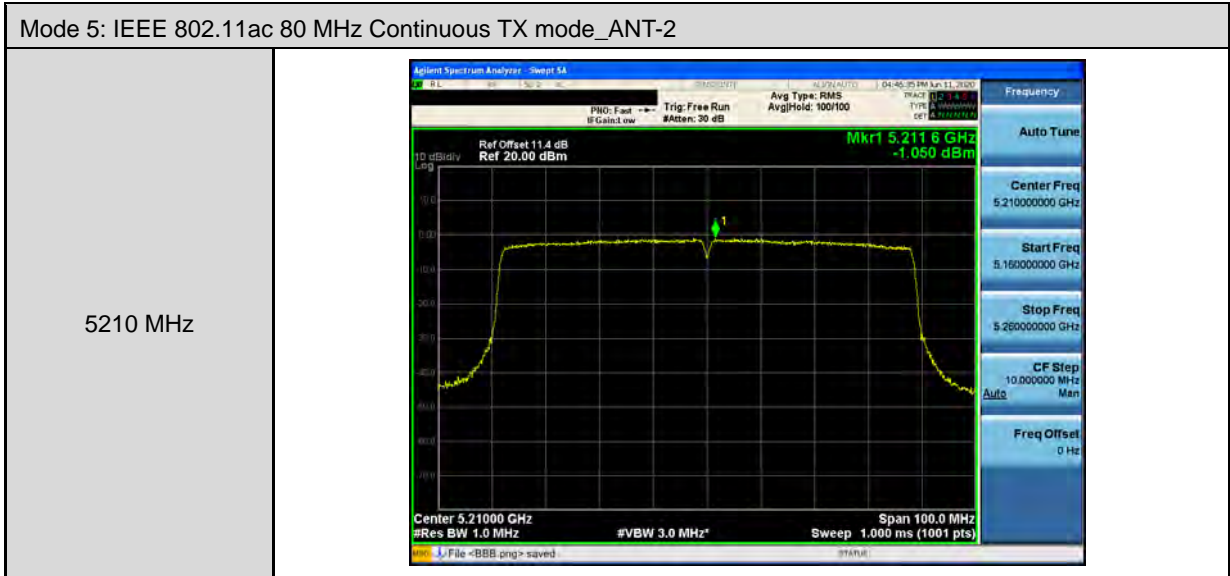
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-2	
5180 MHz	<p>Agilent Spectrum Analyzer - Sweep 54 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.17736 GHz 7.086 dBm Center 5.18000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Span 40.00 MHz Sweep 1.000 ms (1001 pts)</p>
5200 MHz	<p>Agilent Spectrum Analyzer - Sweep 54 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.19784 GHz 7.625 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 54 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.24136 GHz 7.546 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-2	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ANT-2	
5190 MHz	
5230 MHz	









Mode 6: IEEE 802.11ax 20 MHz Continuous TX mode_ANT-2	
5180 MHz	
5200 MHz	
5240 MHz	

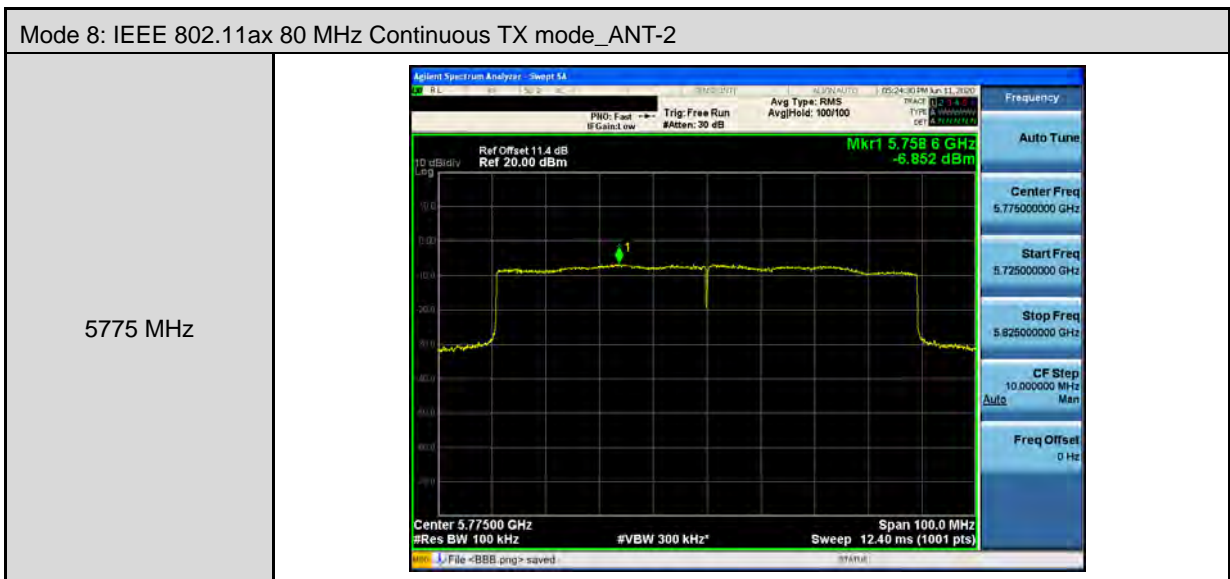
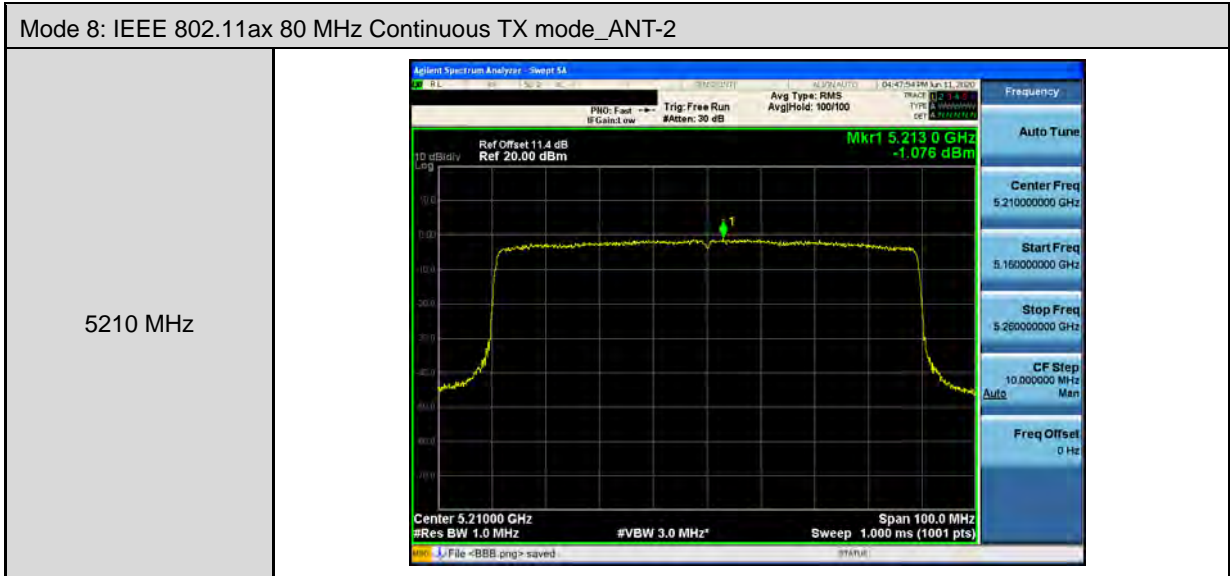


Mode 6: IEEE 802.11ax 20 MHz Continuous TX mode_ANT-2	
5745 MHz	
5785 MHz	
5825 MHz	

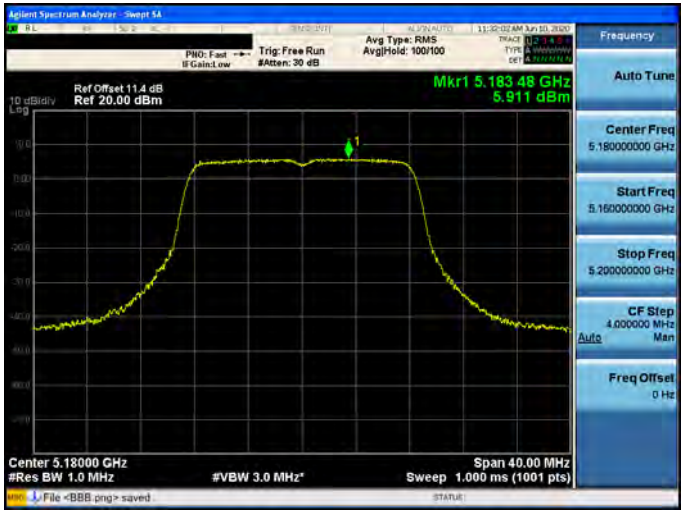
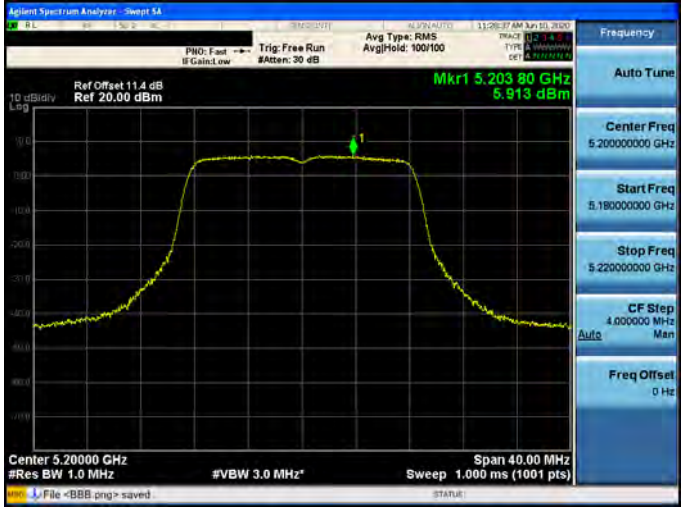

Mode 7: IEEE 802.11ax 40 MHz Continuous TX mode_ANT-2	
5190 MHz	 <p>Agilent Spectrum Analyzer - Sweep 54</p> <p>Ref Offset 11.4 dB Ref 20.00 dBm</p> <p>Mkr1 5.185 68 GHz 2.688 dBm</p> <p>Center 5.19000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 60.00 MHz Sweep 1.000 ms (1001 pts)</p> <p>File <BBB.png> saved</p>
5230 MHz	 <p>Agilent Spectrum Analyzer - Sweep 54</p> <p>Ref Offset 11.4 dB Ref 20.00 dBm</p> <p>Mkr1 5.238 28 GHz 5.108 dBm</p> <p>Center 5.23000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 60.00 MHz Sweep 1.000 ms (1001 pts)</p> <p>File <BBB.png> saved</p>



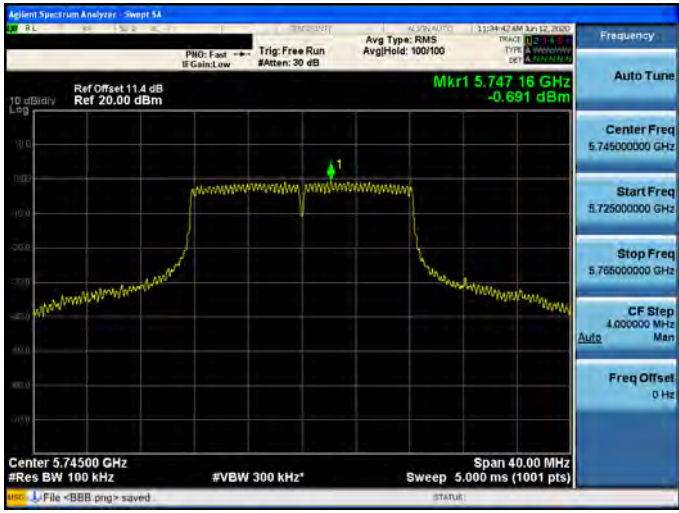
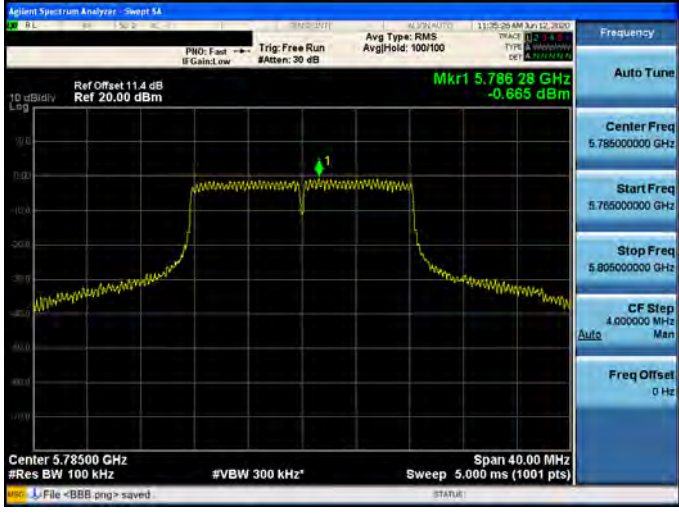
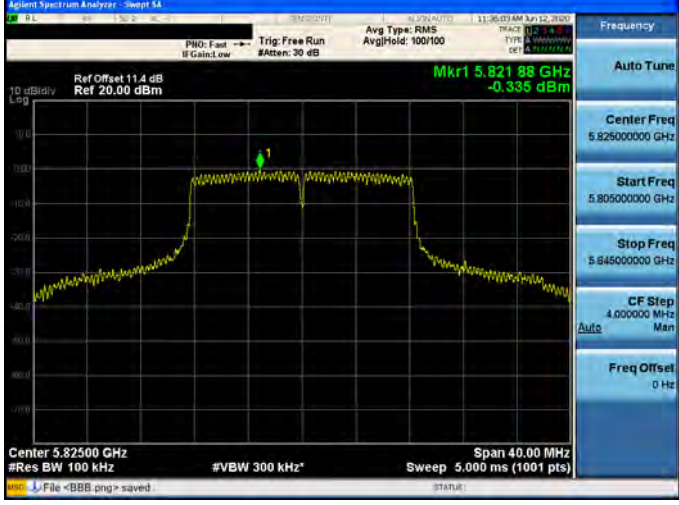
Mode 7: IEEE 802.11ax 40 MHz Continuous TX mode_ANT-2	
5755 MHz	 <p>Agilent Spectrum Analyzer - Sweep 54</p> <p>Ref Offset 11.4 dB Ref 20.00 dBm</p> <p>Mkr1 5.758 24 GHz -3.459 dBm</p> <p>Center 5.75500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 60.00 MHz Sweep 7.467 ms (1001 pts)</p> <p>File <BBB.png> saved</p>
5795 MHz	 <p>Agilent Spectrum Analyzer - Sweep 54</p> <p>Ref Offset 11.4 dB Ref 20.00 dBm</p> <p>Mkr1 5.797 94 GHz -3.558 dBm</p> <p>Center 5.79500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 60.00 MHz Sweep 7.467 ms (1001 pts)</p> <p>File <BBB.png> saved</p>








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

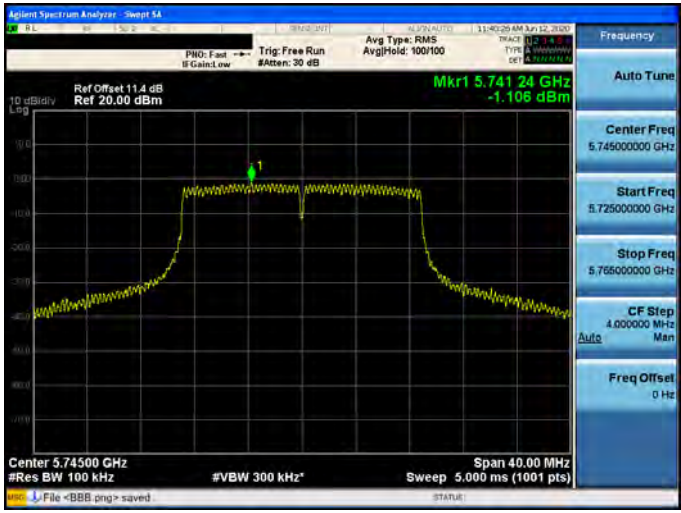
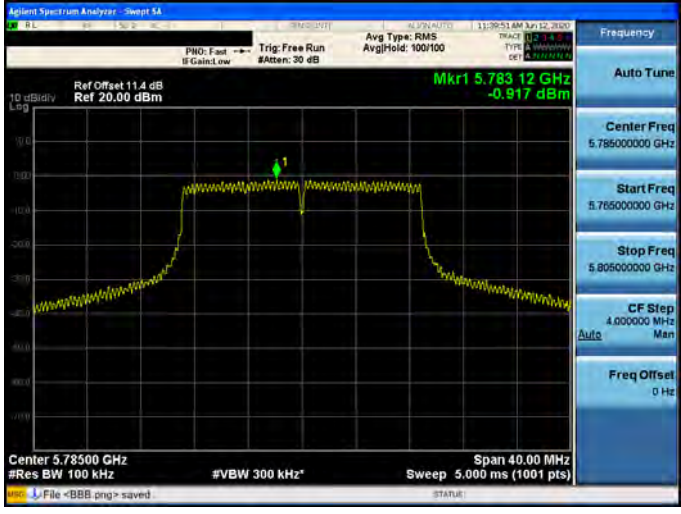
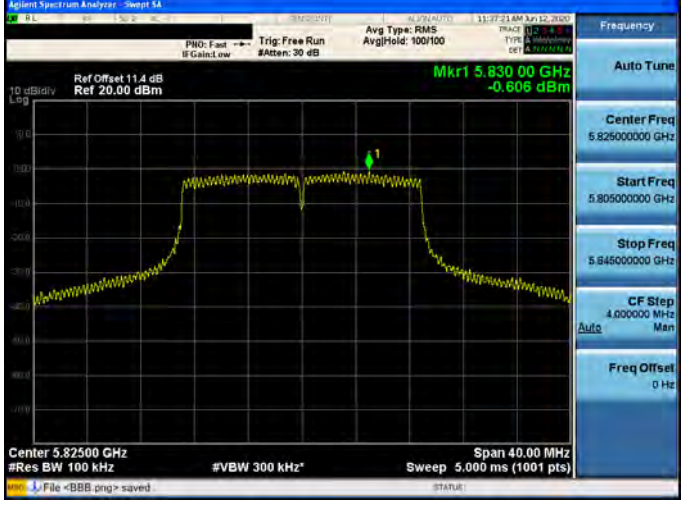


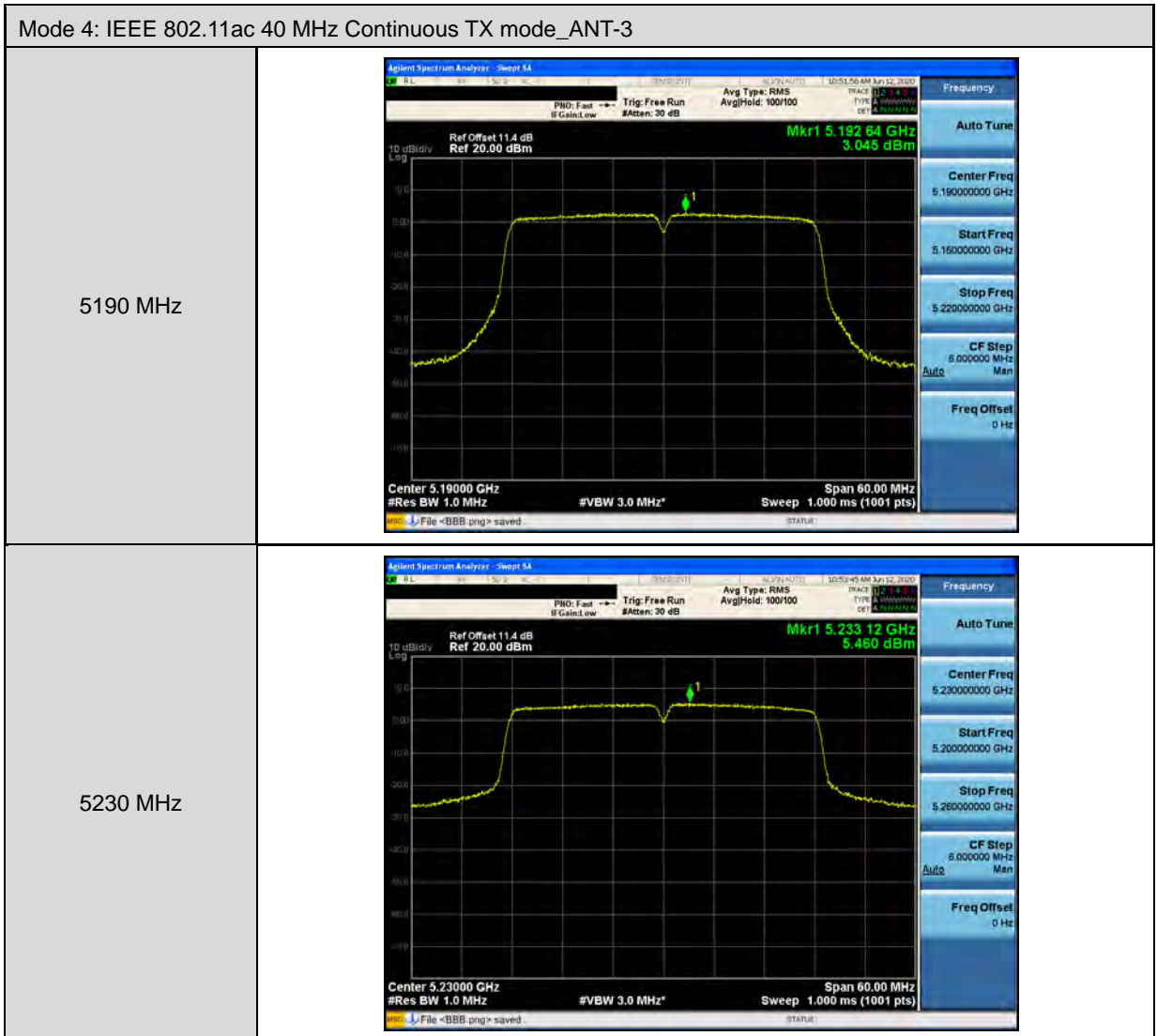
Mode 2: IEEE 802.11a Continuous TX mode_ANT-3													
5745 MHz	 <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Ref Offset 11.4 dB Ref 20.00 dBm</p> <p>Mkr1 5.747 16 GHz -0.691 dBm</p> <p>Center 5.74500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p> <p>File > Save > File > BBB.png > saved</p> <table border="1"><tr><td>Frequency</td><td>Auto Tune</td></tr><tr><td>Center Freq</td><td>5.745000000 GHz</td></tr><tr><td>Start Freq</td><td>5.725000000 GHz</td></tr><tr><td>Stop Freq</td><td>5.765000000 GHz</td></tr><tr><td>CF Step</td><td>4.000000 MHz Auto Man</td></tr><tr><td>Freq Offset</td><td>0 Hz</td></tr></table>	Frequency	Auto Tune	Center Freq	5.745000000 GHz	Start Freq	5.725000000 GHz	Stop Freq	5.765000000 GHz	CF Step	4.000000 MHz Auto Man	Freq Offset	0 Hz
Frequency	Auto Tune												
Center Freq	5.745000000 GHz												
Start Freq	5.725000000 GHz												
Stop Freq	5.765000000 GHz												
CF Step	4.000000 MHz Auto Man												
Freq Offset	0 Hz												
5785 MHz	 <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Ref Offset 11.4 dB Ref 20.00 dBm</p> <p>Mkr1 5.786 28 GHz -0.685 dBm</p> <p>Center 5.78500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p> <p>File > Save > File > BBB.png > saved</p> <table border="1"><tr><td>Frequency</td><td>Auto Tune</td></tr><tr><td>Center Freq</td><td>5.785000000 GHz</td></tr><tr><td>Start Freq</td><td>5.765000000 GHz</td></tr><tr><td>Stop Freq</td><td>5.805000000 GHz</td></tr><tr><td>CF Step</td><td>4.000000 MHz Auto Man</td></tr><tr><td>Freq Offset</td><td>0 Hz</td></tr></table>	Frequency	Auto Tune	Center Freq	5.785000000 GHz	Start Freq	5.765000000 GHz	Stop Freq	5.805000000 GHz	CF Step	4.000000 MHz Auto Man	Freq Offset	0 Hz
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Center Freq	5.785000000 GHz												
Start Freq	5.765000000 GHz												
Stop Freq	5.805000000 GHz												
CF Step	4.000000 MHz Auto Man												
Freq Offset	0 Hz												
5825 MHz	 <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Ref Offset 11.4 dB Ref 20.00 dBm</p> <p>Mkr1 5.821 88 GHz -0.335 dBm</p> <p>Center 5.82500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p> <p>File > Save > File > BBB.png > saved</p> <table border="1"><tr><td>Frequency</td><td>Auto Tune</td></tr><tr><td>Center Freq</td><td>5.825000000 GHz</td></tr><tr><td>Start Freq</td><td>5.805000000 GHz</td></tr><tr><td>Stop Freq</td><td>5.845000000 GHz</td></tr><tr><td>CF Step</td><td>4.000000 MHz Auto Man</td></tr><tr><td>Freq Offset</td><td>0 Hz</td></tr></table>	Frequency	Auto Tune	Center Freq	5.825000000 GHz	Start Freq	5.805000000 GHz	Stop Freq	5.845000000 GHz	CF Step	4.000000 MHz Auto Man	Freq Offset	0 Hz
Frequency	Auto Tune												
Center Freq	5.825000000 GHz												
Start Freq	5.805000000 GHz												
Stop Freq	5.845000000 GHz												
CF Step	4.000000 MHz Auto Man												
Freq Offset	0 Hz												

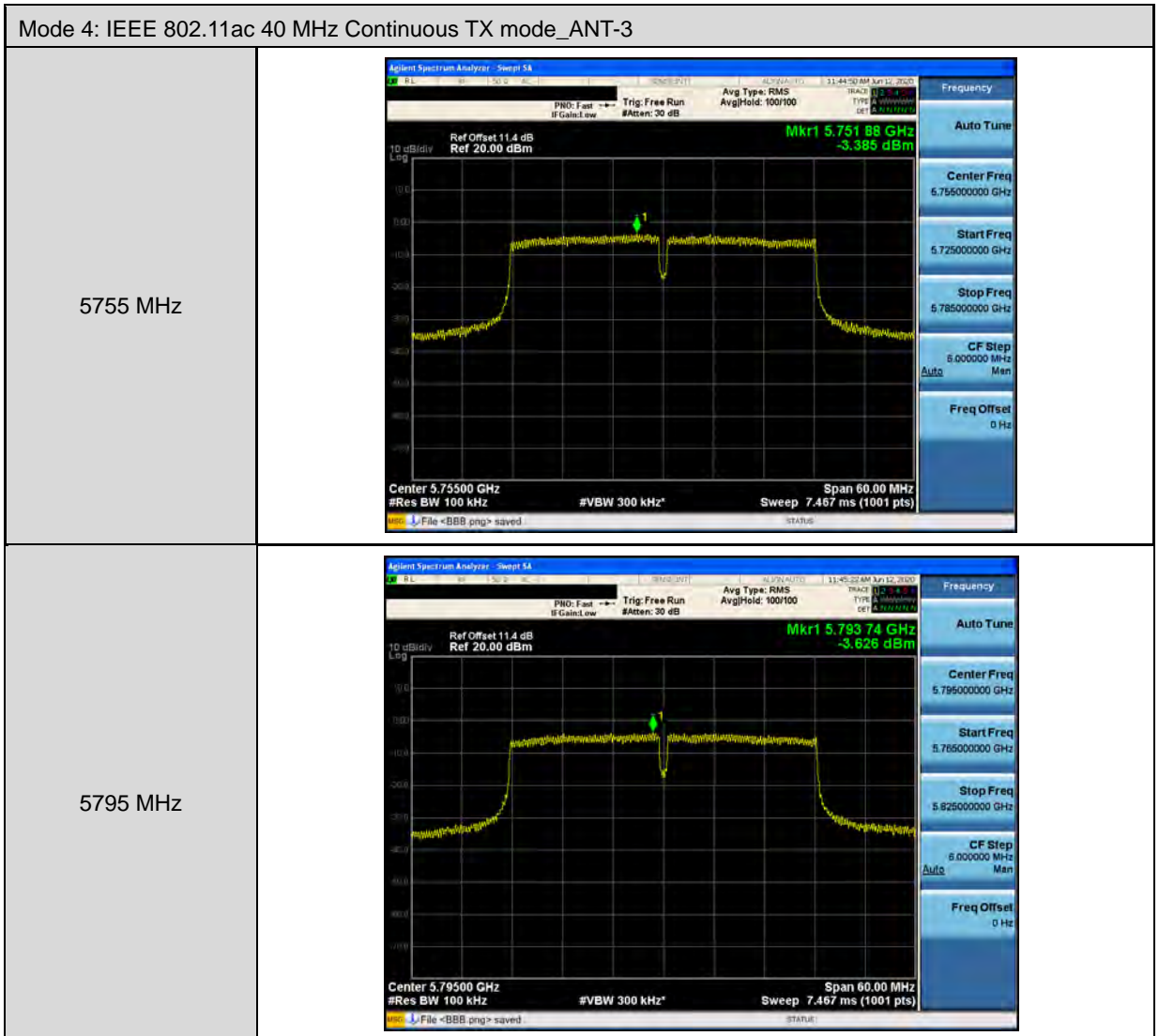


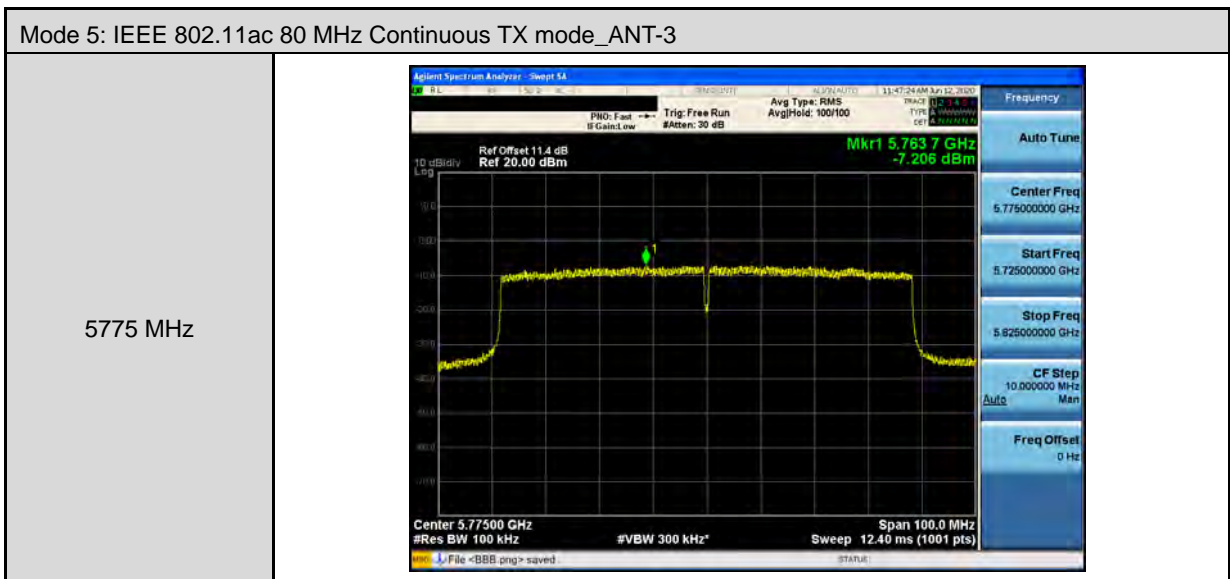
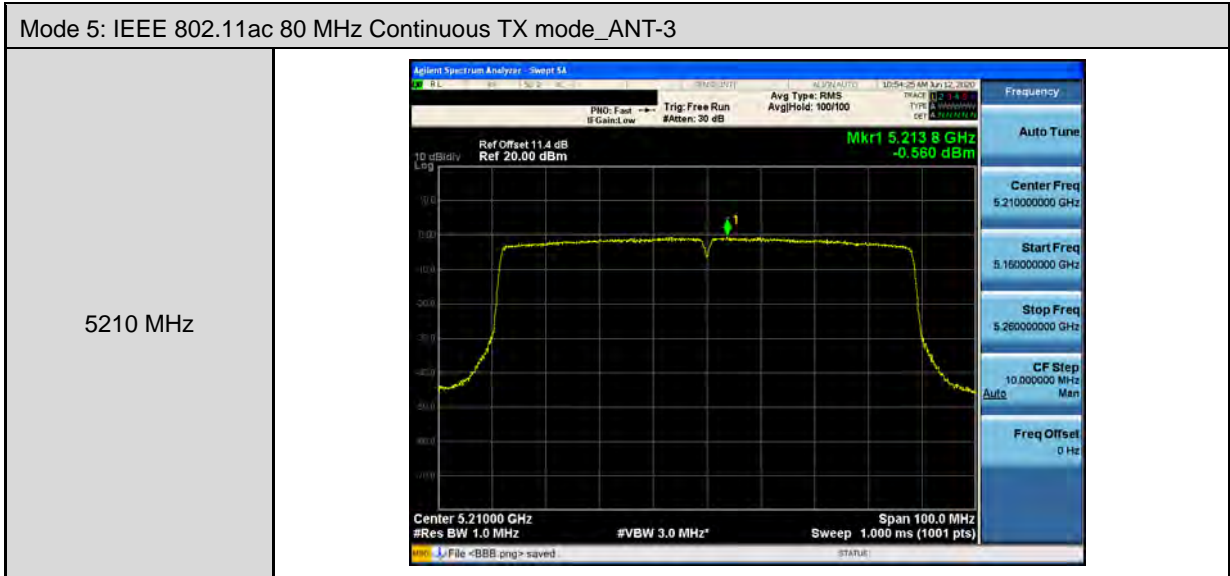
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-3	
5180 MHz	
5200 MHz	
5240 MHz	



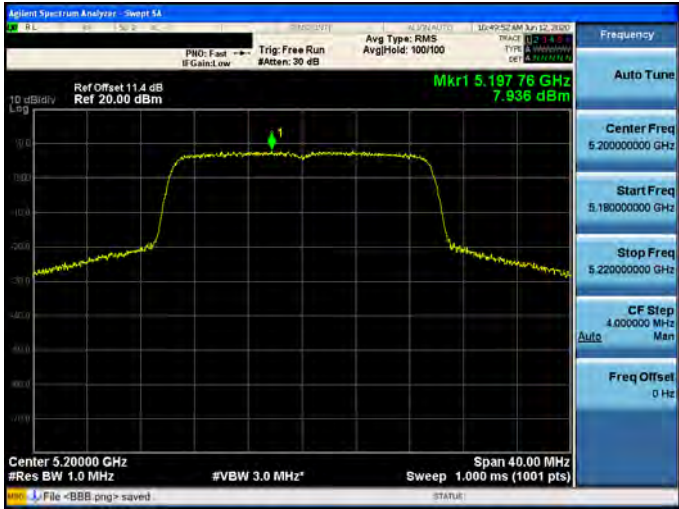

Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-3													
5745 MHz	 <p>Agilent Spectrum Analyzer - Sweep 14 11:40:20 AM Jun 12, 2007 PNO: Fast B Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.741 24 GHz -1.108 dBm Center 5.74500 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 5.000 ms (1001 pts) File <BBB.png> saved</p> <table border="1"><tr><td>Frequency</td><td>Auto Tune</td></tr><tr><td>Center Freq</td><td>5.74500000 GHz</td></tr><tr><td>Start Freq</td><td>5.72500000 GHz</td></tr><tr><td>Stop Freq</td><td>5.76500000 GHz</td></tr><tr><td>CF Step</td><td>4.000000 MHz Auto Man</td></tr><tr><td>Freq Offset</td><td>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	4.000000 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	4.000000 MHz Auto Man												
Freq Offset	0 Hz												
5785 MHz	 <p>Agilent Spectrum Analyzer - Sweep 14 11:40:51 AM Jun 12, 2007 PNO: Fast B Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.783 12 GHz -0.917 dBm Center 5.78500 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 5.000 ms (1001 pts) File <BBB.png> saved</p> <table border="1"><tr><td>Frequency</td><td>Auto Tune</td></tr><tr><td>Center Freq</td><td>5.78500000 GHz</td></tr><tr><td>Start Freq</td><td>5.76500000 GHz</td></tr><tr><td>Stop Freq</td><td>5.80500000 GHz</td></tr><tr><td>CF Step</td><td>4.000000 MHz Auto Man</td></tr><tr><td>Freq Offset</td><td>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	4.000000 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	4.000000 MHz Auto Man												
Freq Offset	0 Hz												
5825 MHz	 <p>Agilent Spectrum Analyzer - Sweep 14 11:47:21 AM Jun 12, 2007 PNO: Fast B Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: RMS AvgHold: 100/100 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.830 00 GHz -0.606 dBm Center 5.82500 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 5.000 ms (1001 pts) File <BBB.png> saved</p> <table border="1"><tr><td>Frequency</td><td>Auto Tune</td></tr><tr><td>Center Freq</td><td>5.82500000 GHz</td></tr><tr><td>Start Freq</td><td>5.80500000 GHz</td></tr><tr><td>Stop Freq</td><td>5.84500000 GHz</td></tr><tr><td>CF Step</td><td>4.000000 MHz Auto Man</td></tr><tr><td>Freq Offset</td><td>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	4.000000 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	4.000000 MHz Auto Man												
Freq Offset	0 Hz												


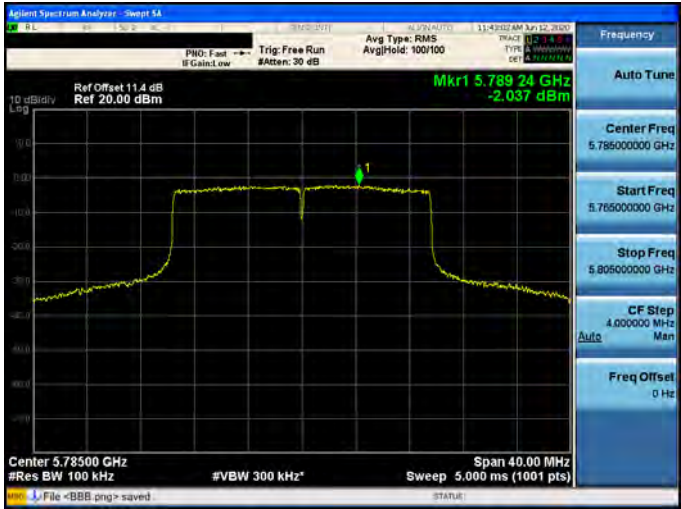
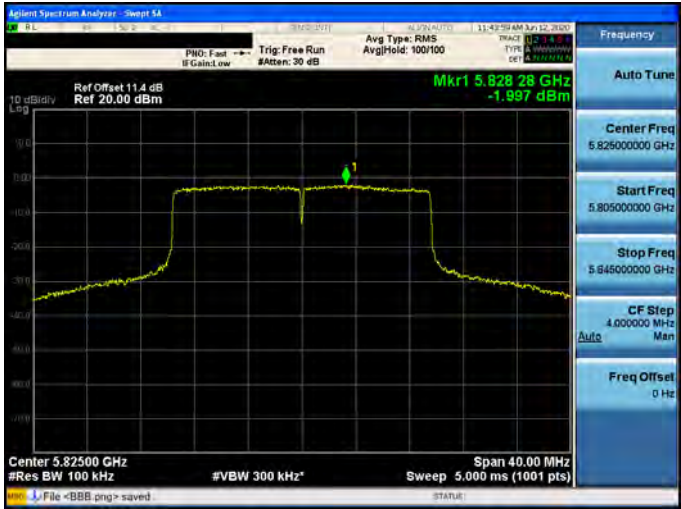


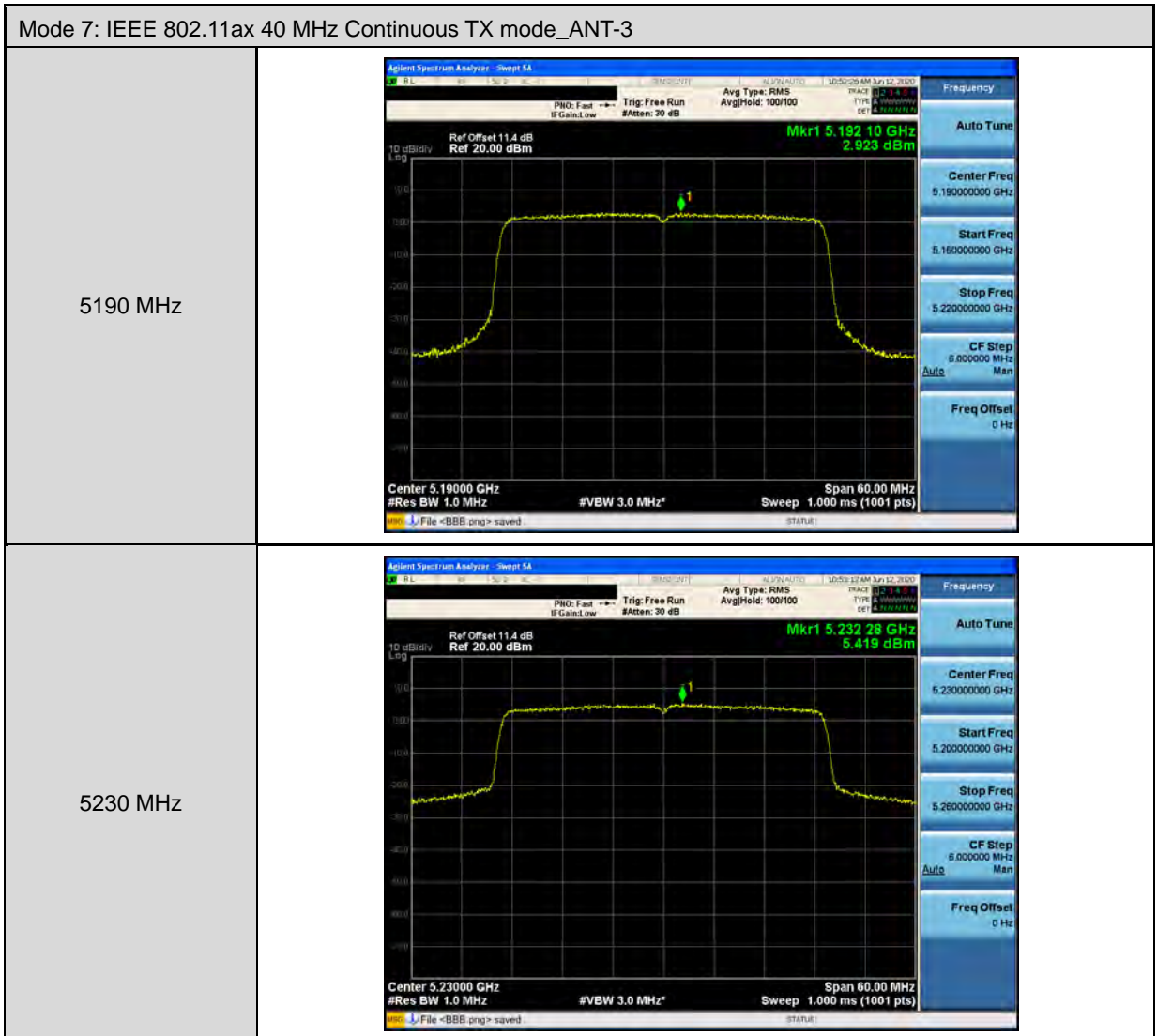


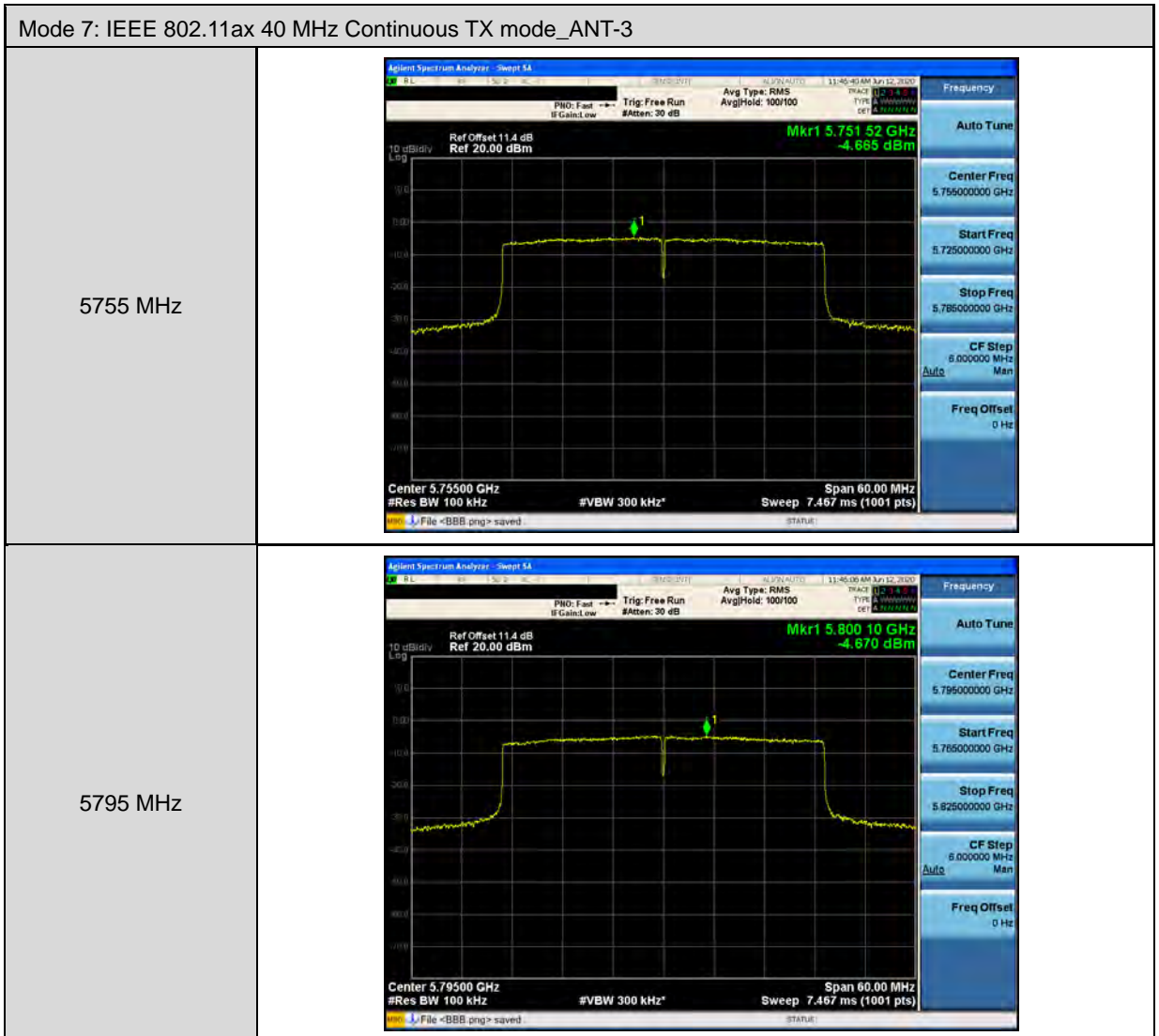


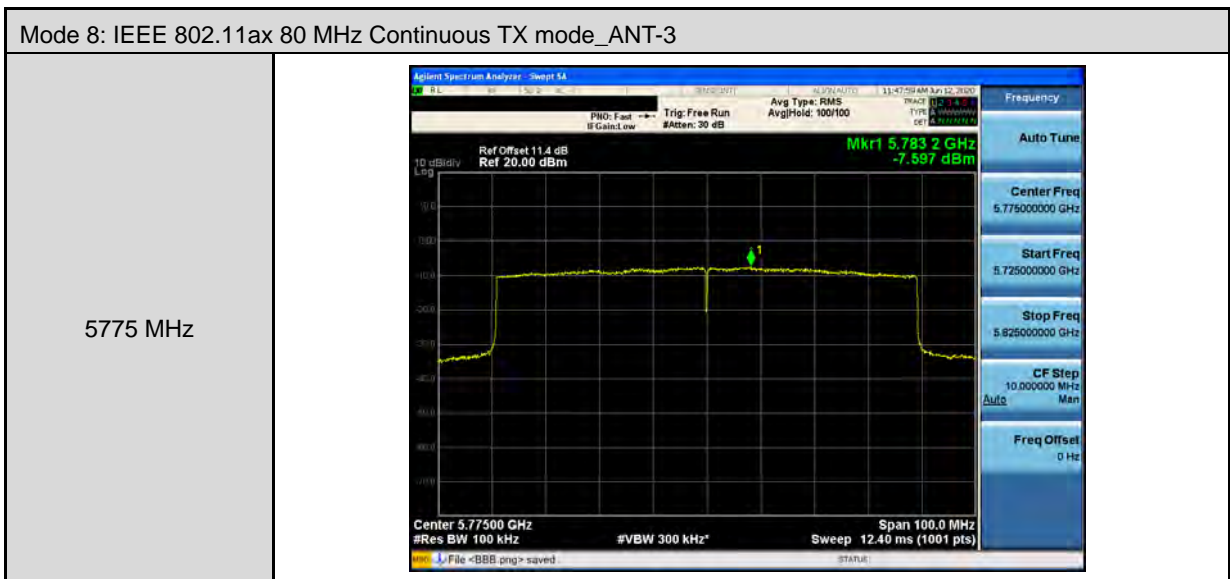
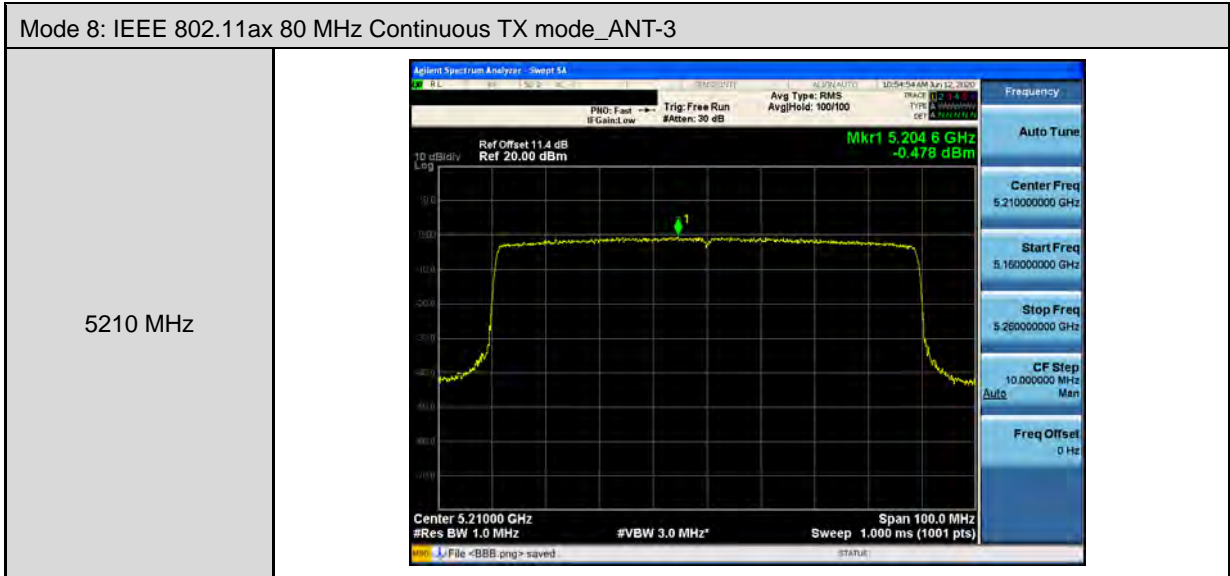


Mode 6: IEEE 802.11ax 20 MHz Continuous TX mode_ANT-3	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 6: IEEE 802.11ax 20 MHz Continuous TX mode_ANT-3	
5745 MHz	 <p>Agilent Spectrum Analyzer - Sweep 14</p> <p>Ref Offset 11.4 dB Ref 20.00 dBm</p> <p>Mkr1 5.74748 GHz -1.642 dBm</p> <p>Center 5.74500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p> <p>File >BBB.png> saved</p>
5785 MHz	 <p>Agilent Spectrum Analyzer - Sweep 14</p> <p>Ref Offset 11.4 dB Ref 20.00 dBm</p> <p>Mkr1 5.78924 GHz -2.037 dBm</p> <p>Center 5.78500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p> <p>File >BBB.png> saved</p>
5825 MHz	 <p>Agilent Spectrum Analyzer - Sweep 14</p> <p>Ref Offset 11.4 dB Ref 20.00 dBm</p> <p>Mkr1 5.82828 GHz -1.997 dBm</p> <p>Center 5.82500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p> <p>File >BBB.png> saved</p>

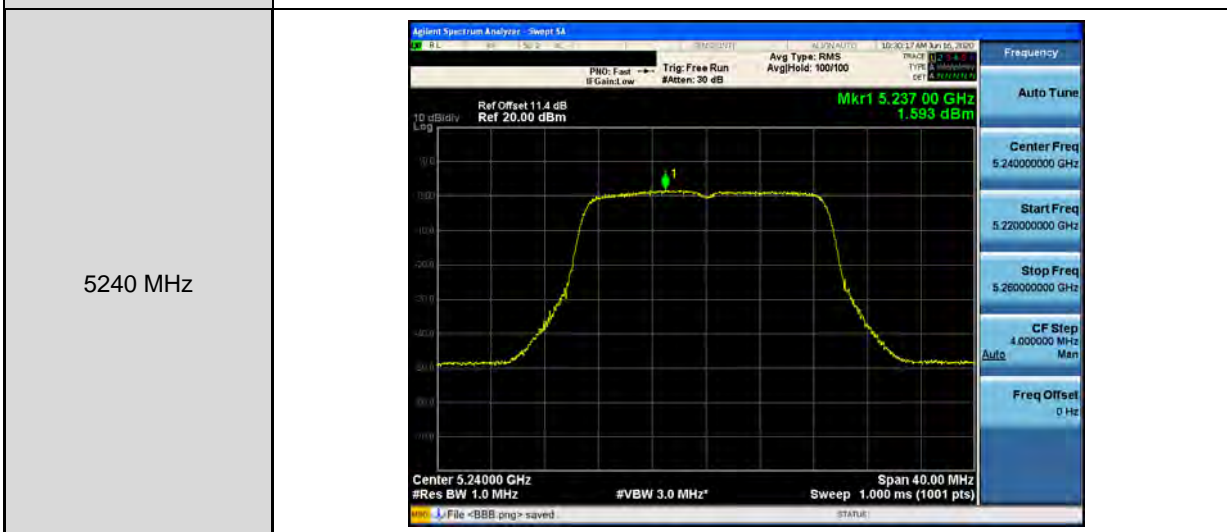
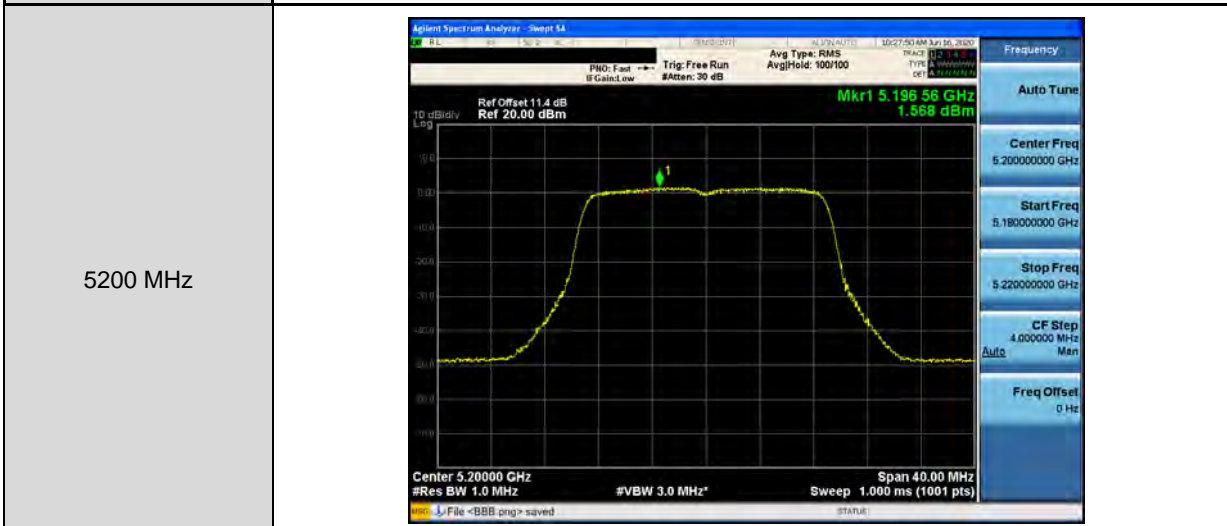
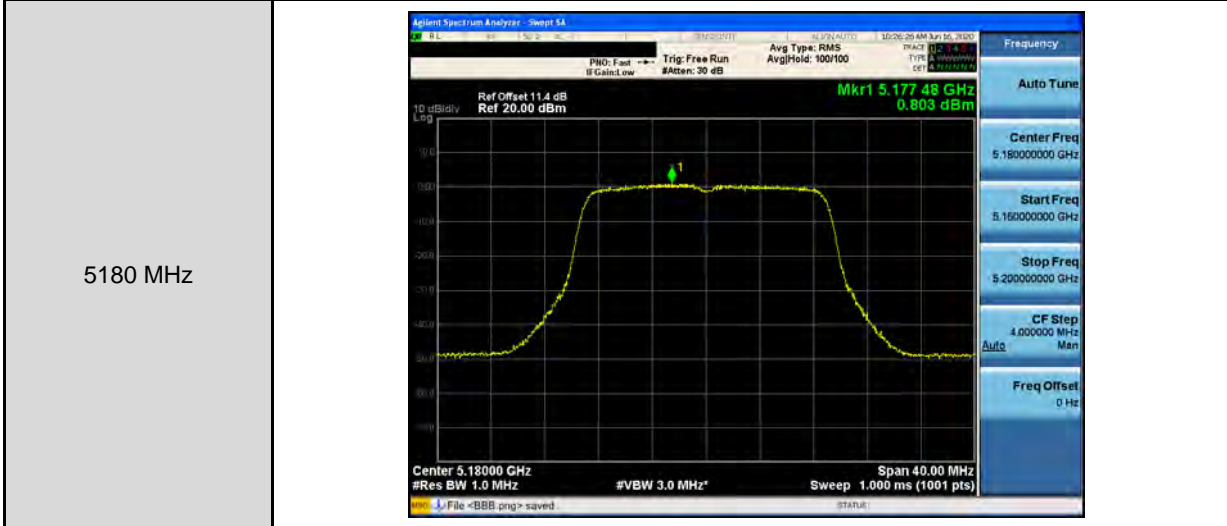




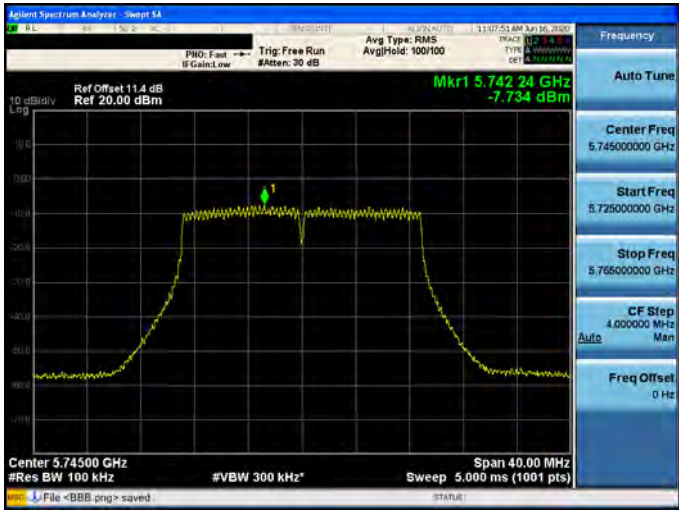
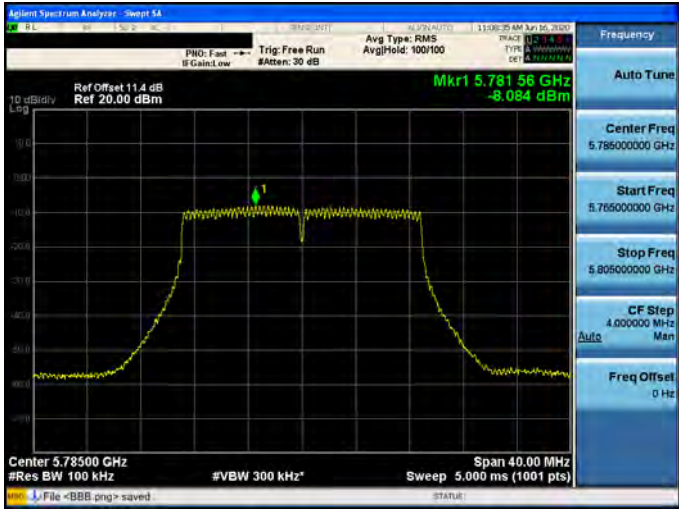


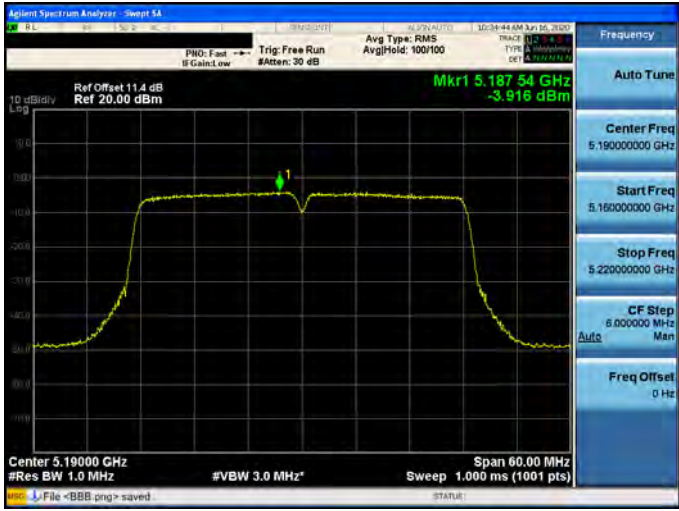

Beamforming on

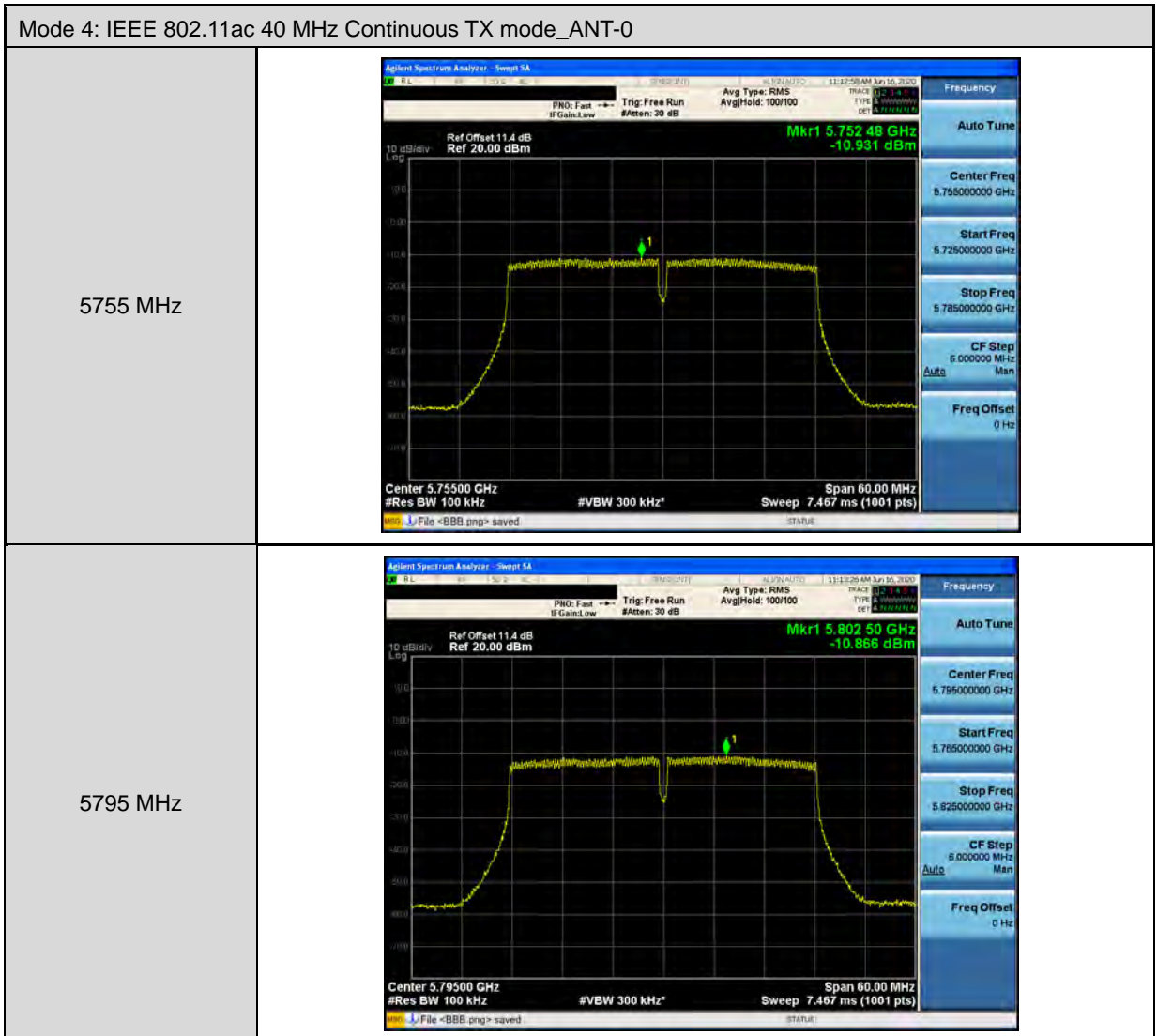
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-0

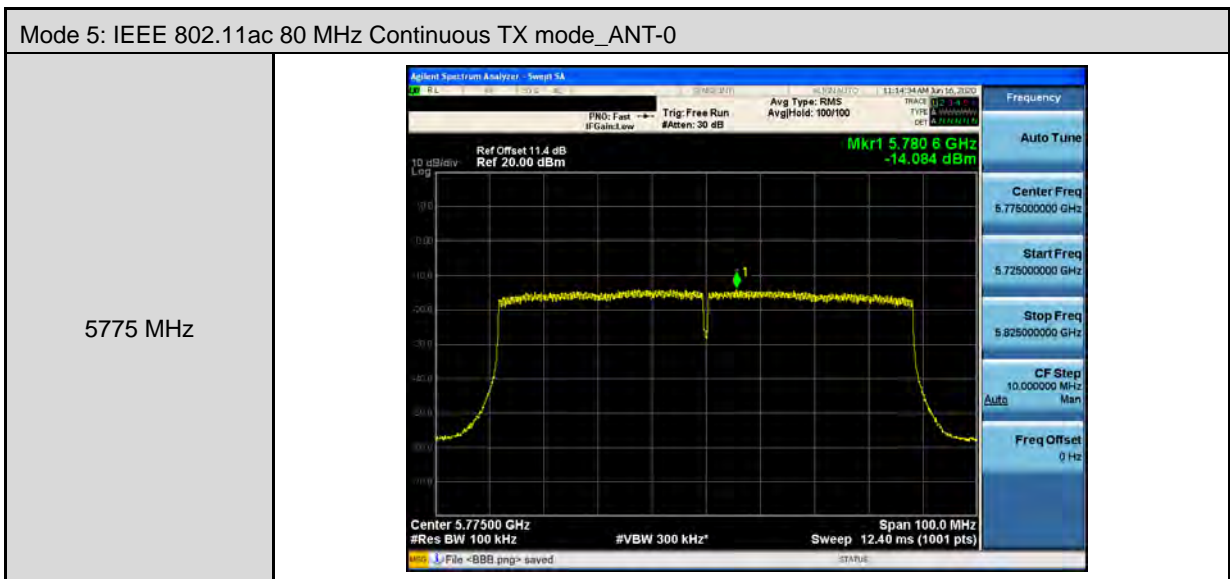
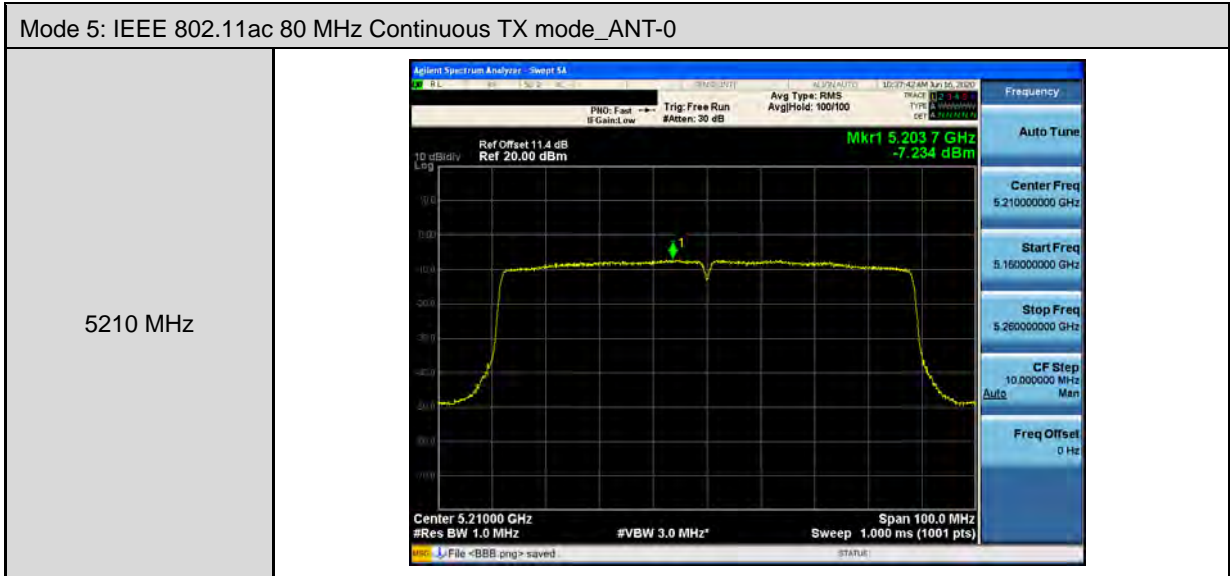




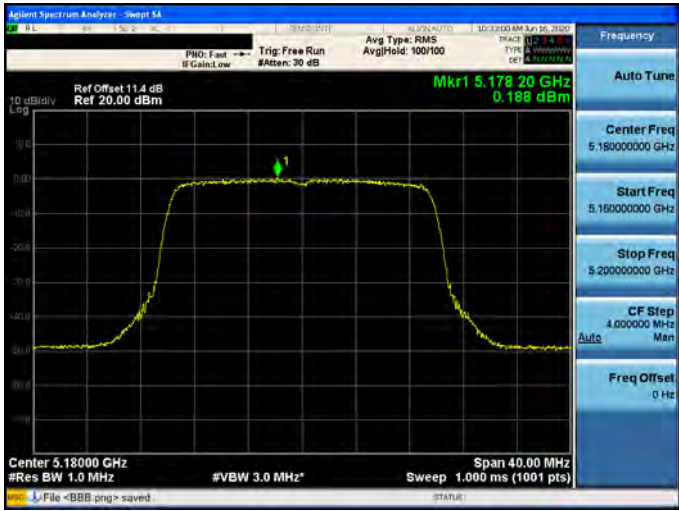
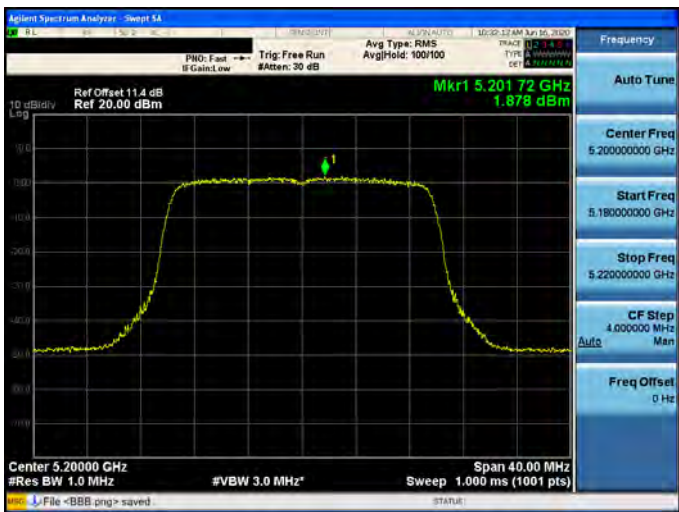
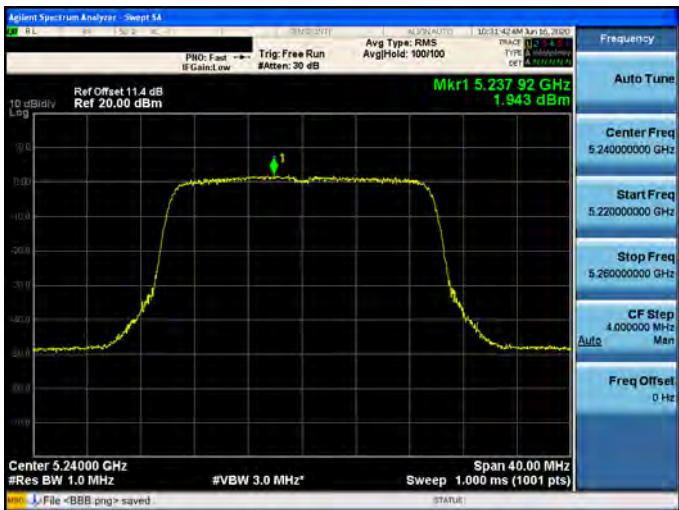
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ANT-0	
5190 MHz	 <p>Agilent Spectrum Analyzer - Sweep 54</p> <p>Ref Offset 11.4 dB Ref 20.00 dBm</p> <p>Mkr1 5.18754 GHz -3.916 dBm</p> <p>Center 5.19000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts)</p> <p>File <BBB.png> saved</p>
5230 MHz	 <p>Agilent Spectrum Analyzer - Sweep 54</p> <p>Ref Offset 11.4 dB Ref 20.00 dBm</p> <p>Mkr1 5.22742 GHz -1.224 dBm</p> <p>Center 5.23000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts)</p> <p>File <BBB.png> saved</p>


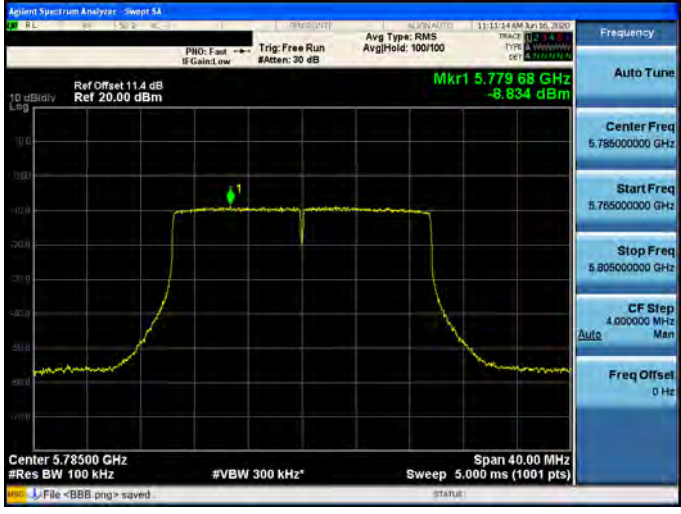
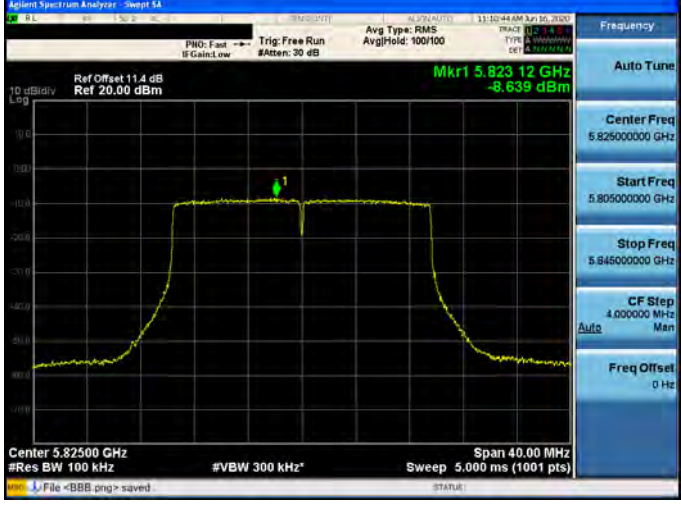


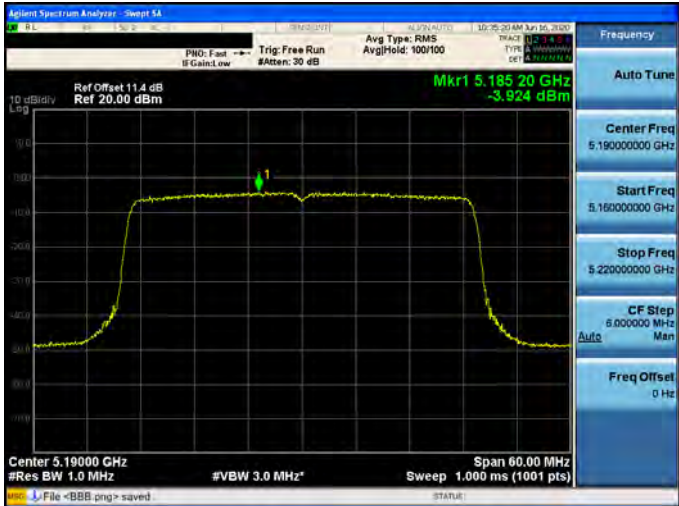



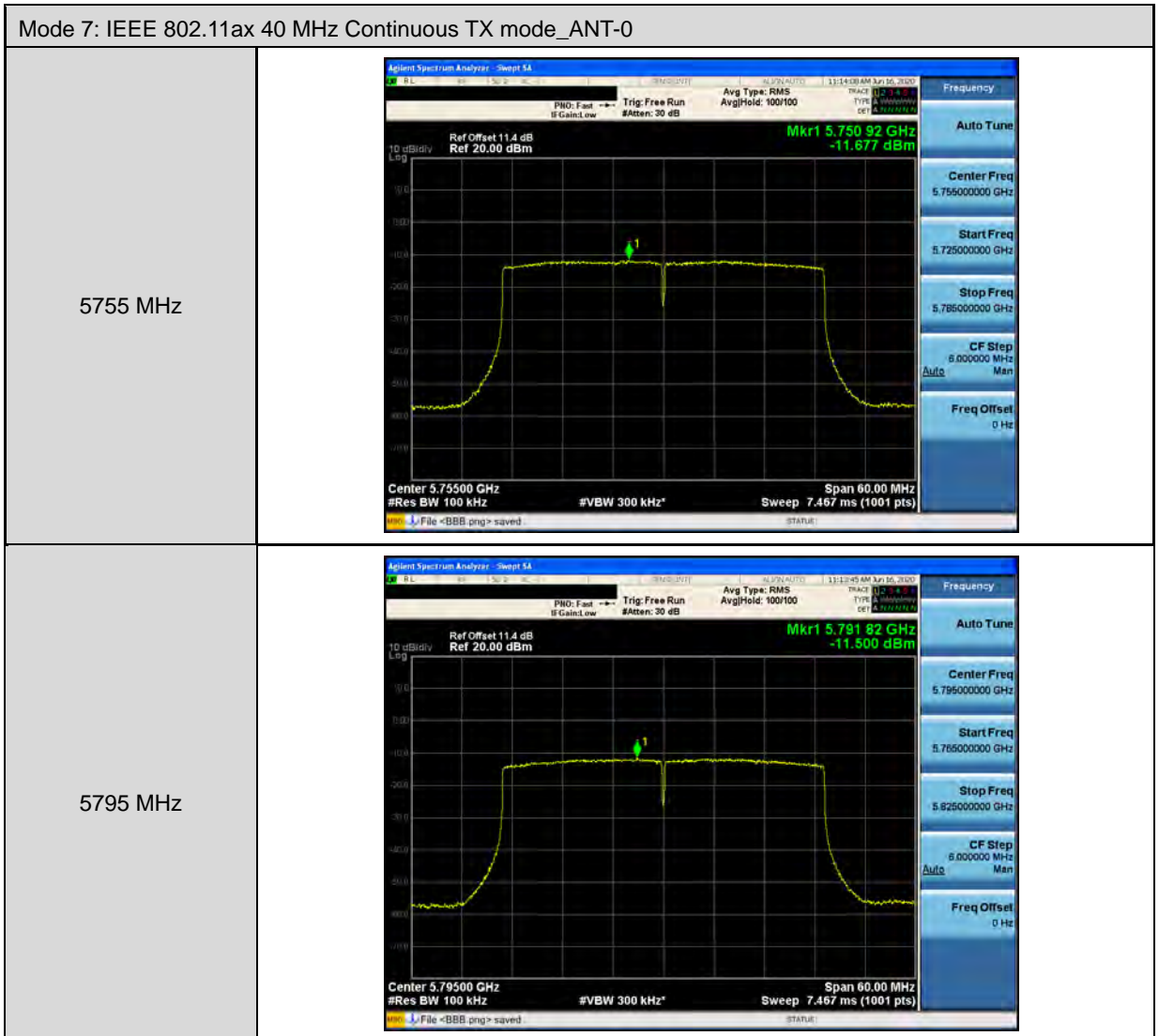


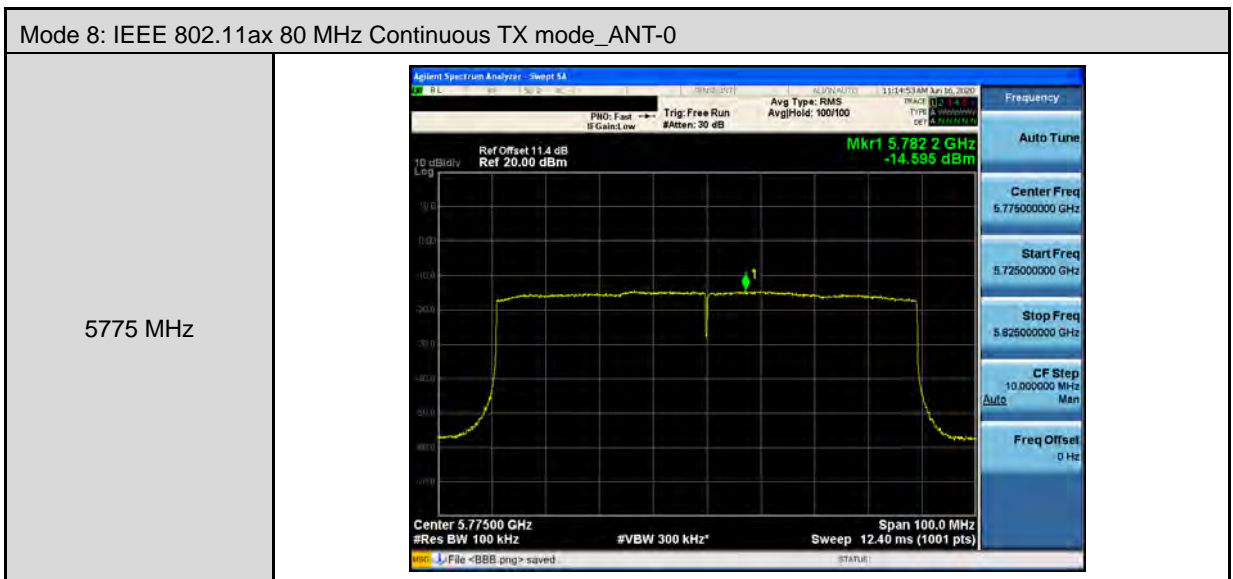
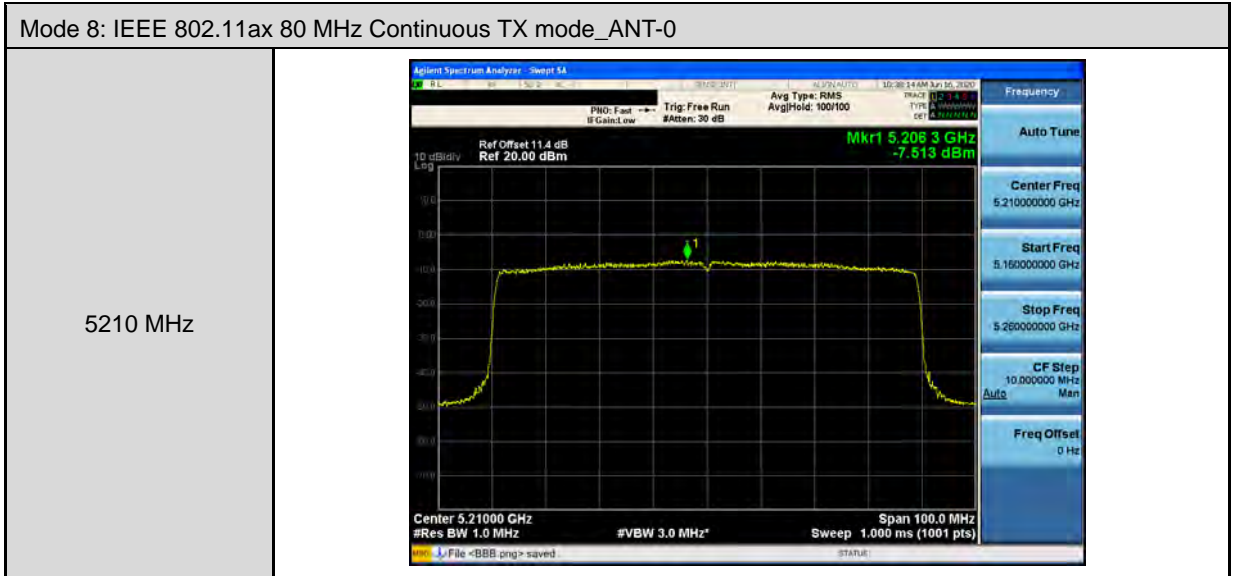
Mode 6: IEEE 802.11ax 20 MHz Continuous TX mode_ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	



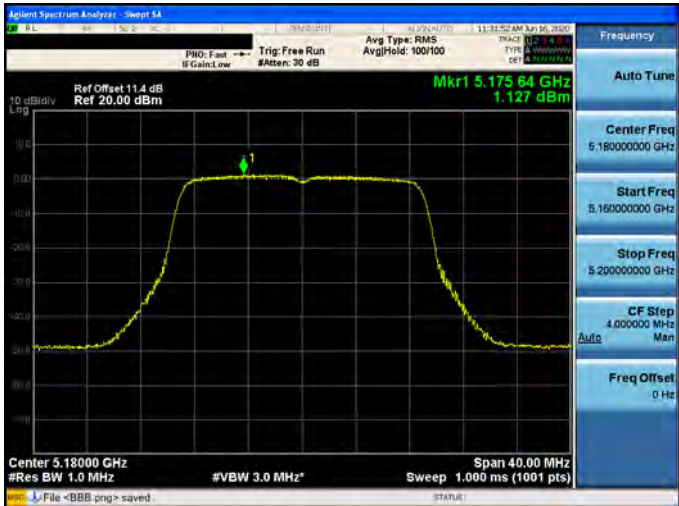
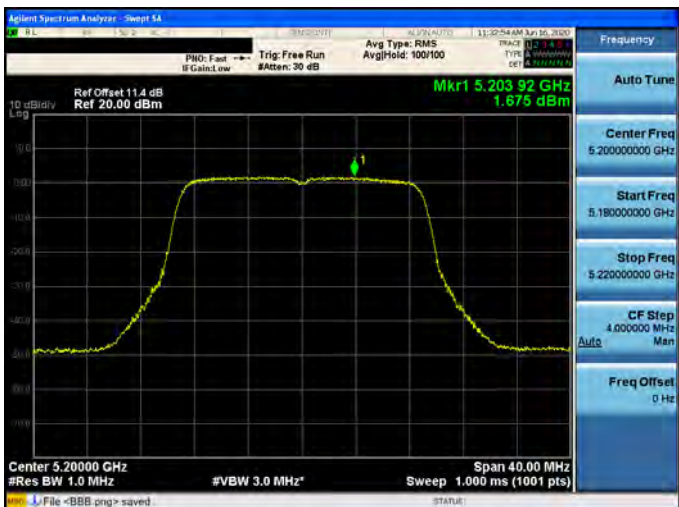
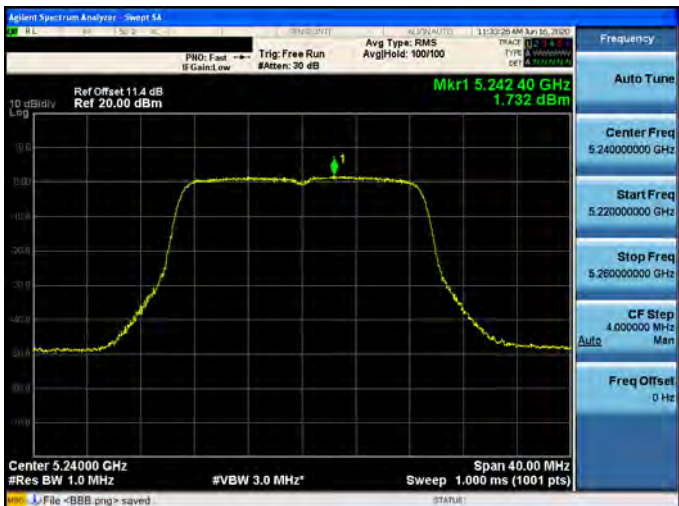
Mode 6: IEEE 802.11ax 20 MHz Continuous TX mode_ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 7: IEEE 802.11ax 40 MHz Continuous TX mode_ANT-0	
5190 MHz	 <p>Agilent Spectrum Analyzer - Sweep 14</p> <p>Ref Offset 11.4 dB Ref 20.00 dBm</p> <p>Mkr1 5.185 20 GHz -3.924 dBm</p> <p>Center 5.19000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 60.00 MHz Sweep 1.000 ms (1001 pts)</p> <p>File <BBB.png> saved</p>
5230 MHz	 <p>Agilent Spectrum Analyzer - Sweep 14</p> <p>Ref Offset 11.4 dB Ref 20.00 dBm</p> <p>Mkr1 5.227 60 GHz -0.939 dBm</p> <p>Center 5.23000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 60.00 MHz Sweep 1.000 ms (1001 pts)</p> <p>File <BBB.png> saved</p>

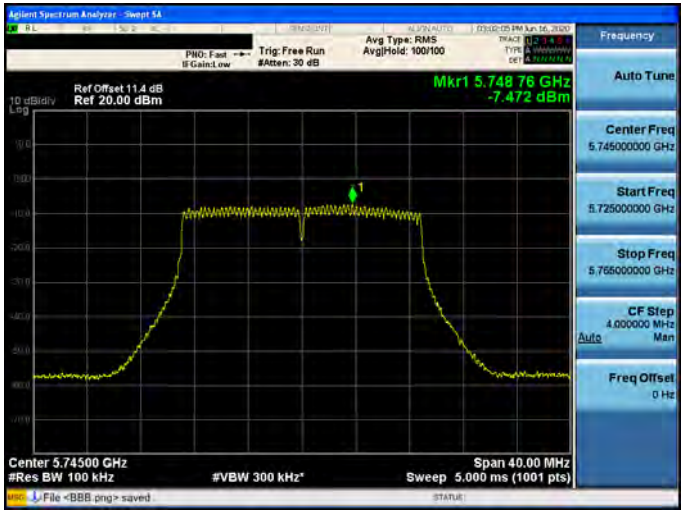
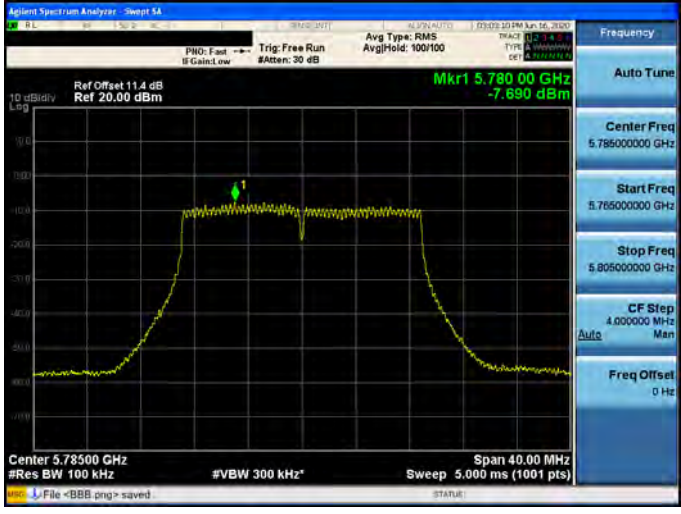
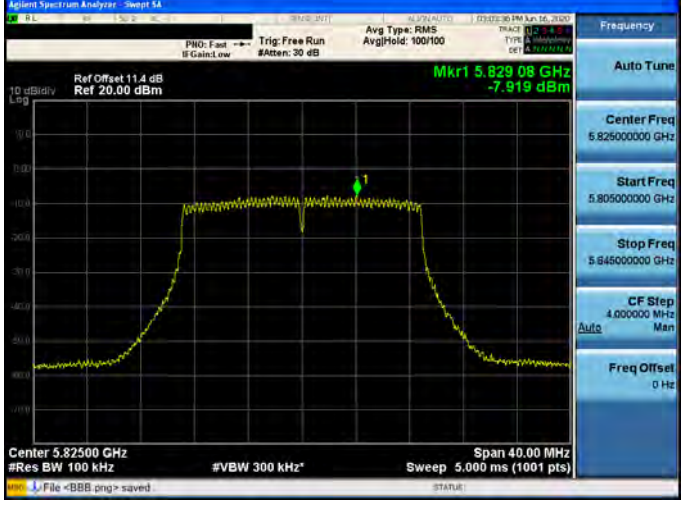






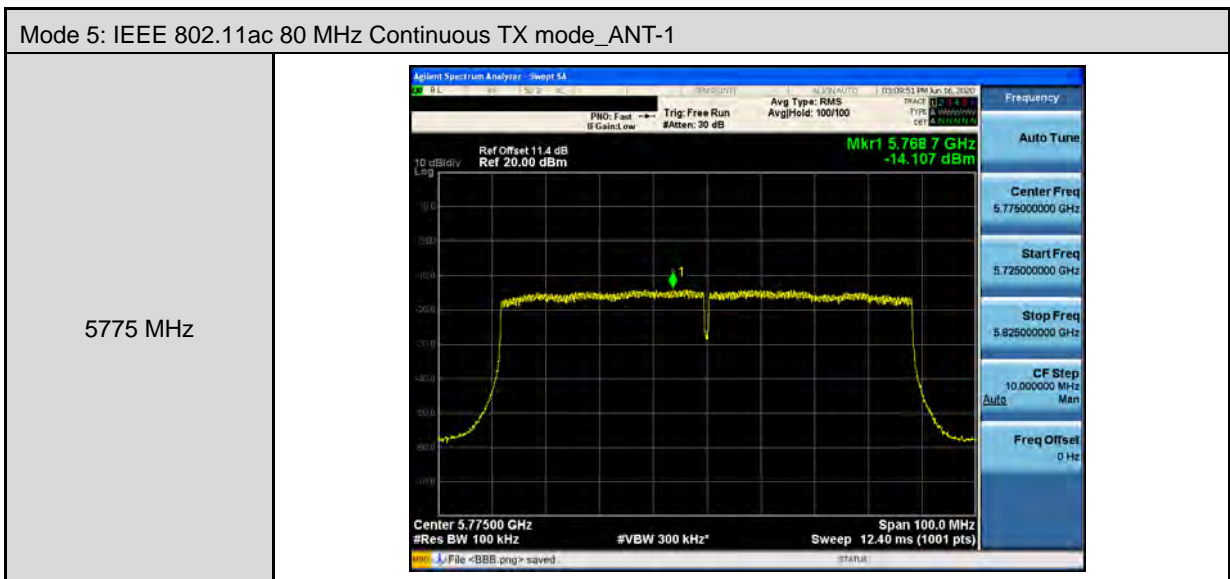
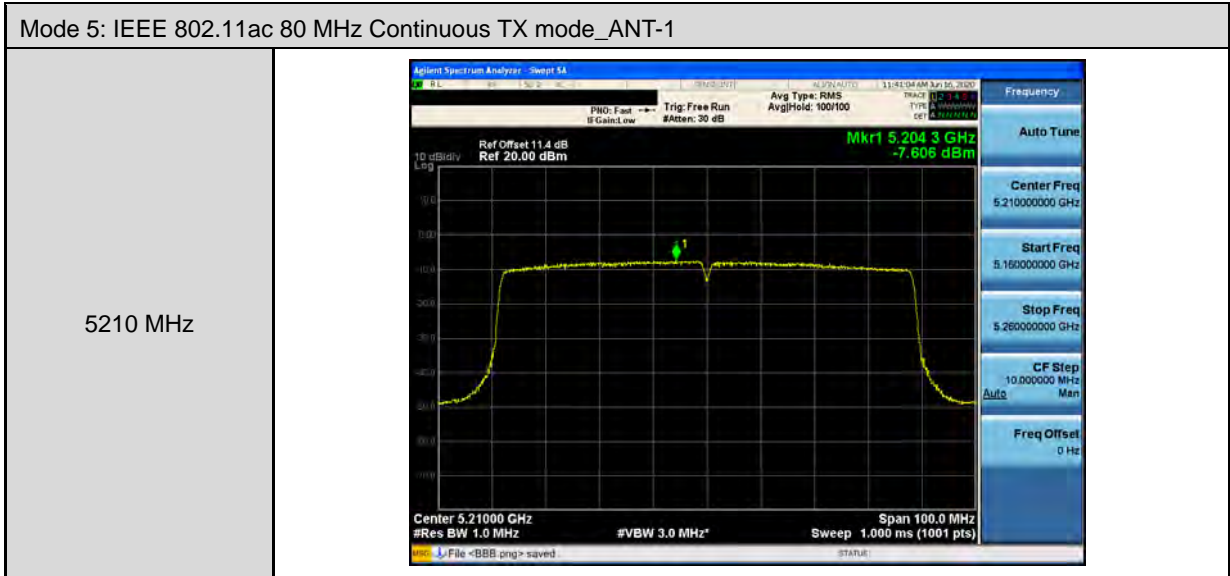
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	



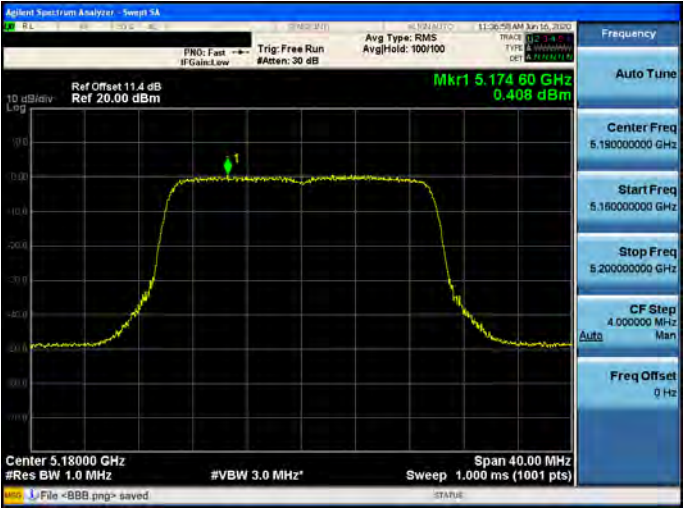
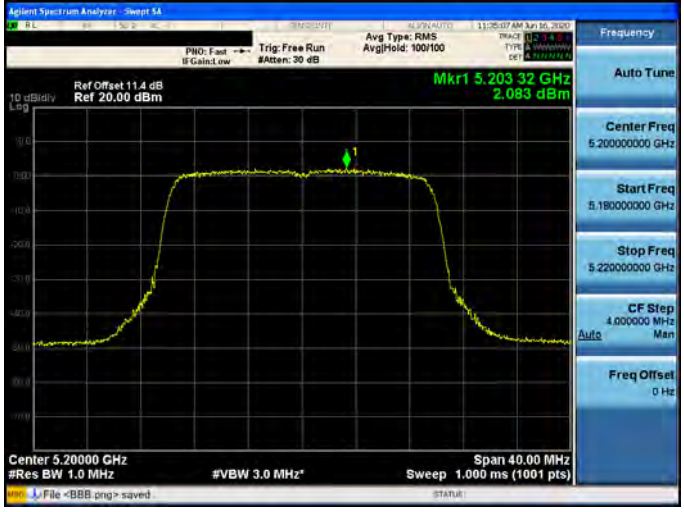

Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-1	
5745 MHz	
5785 MHz	
5825 MHz	



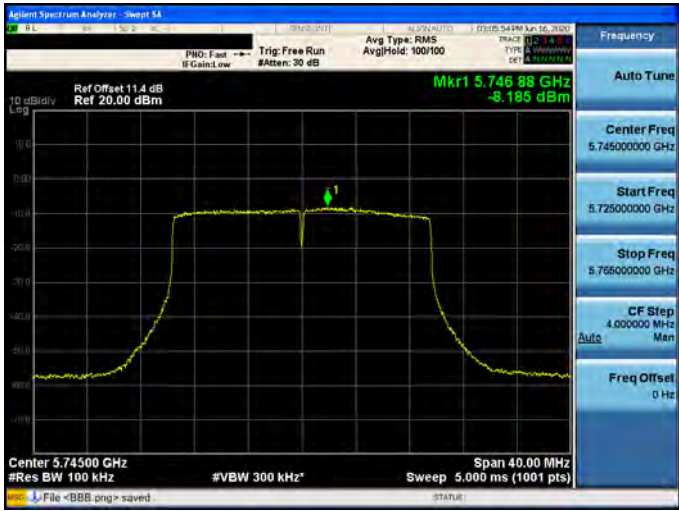
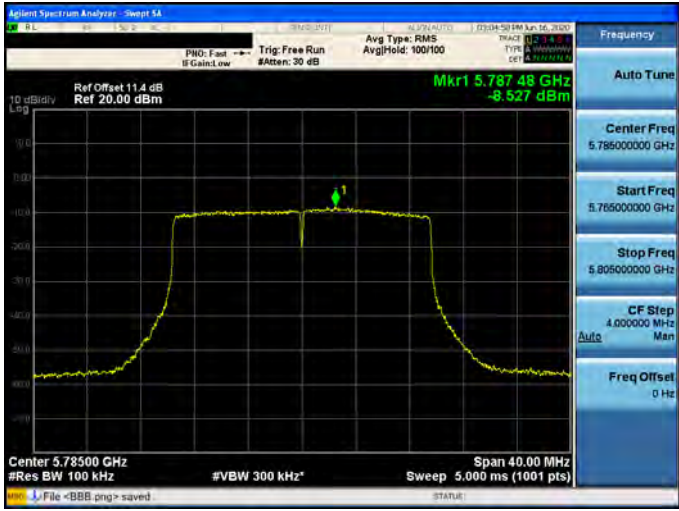
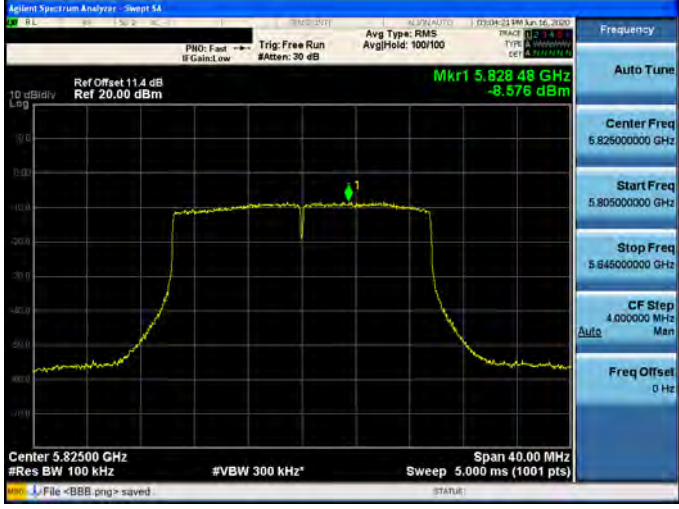


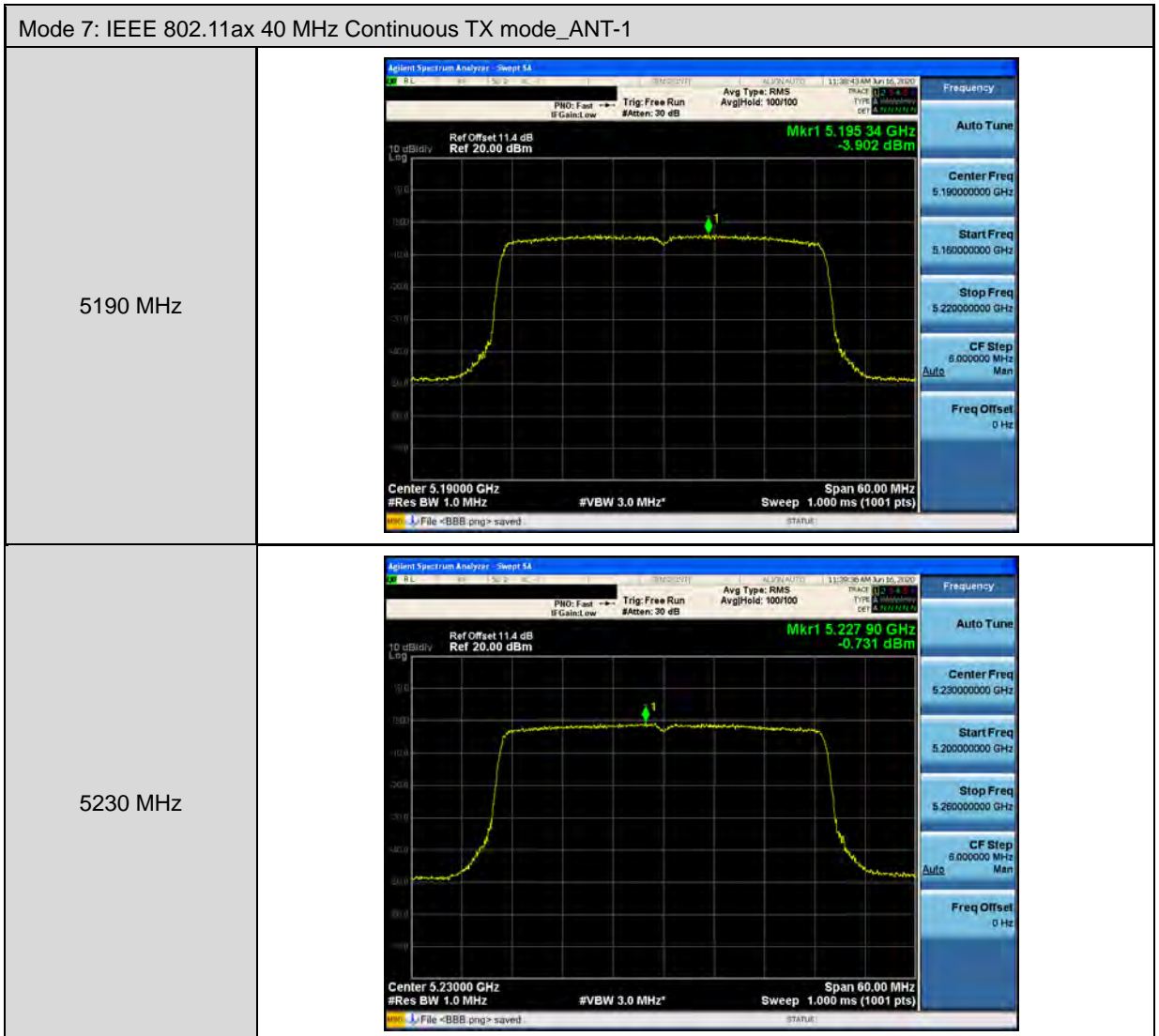


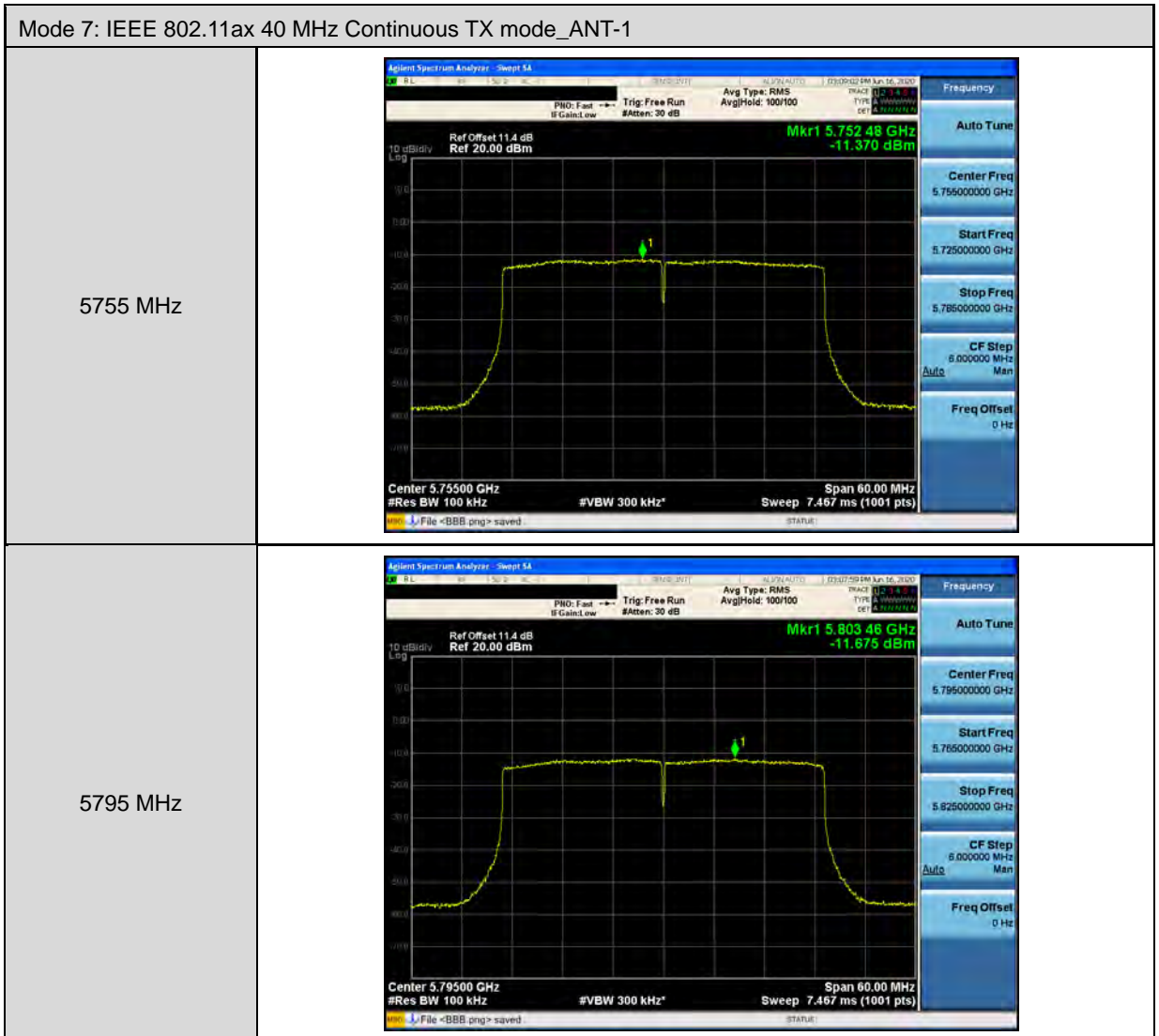


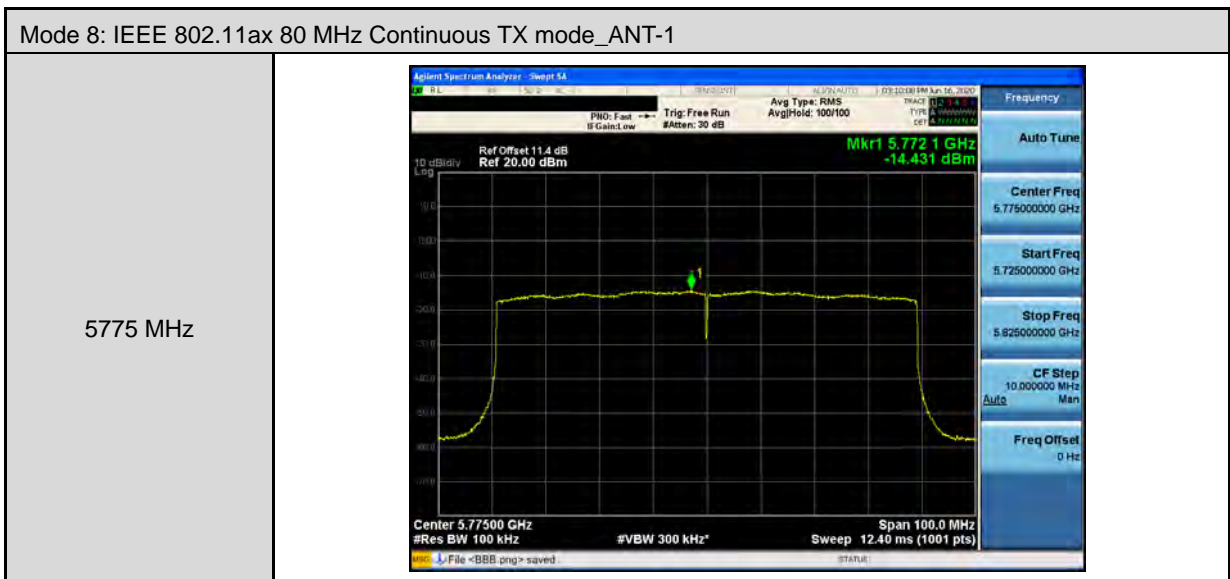
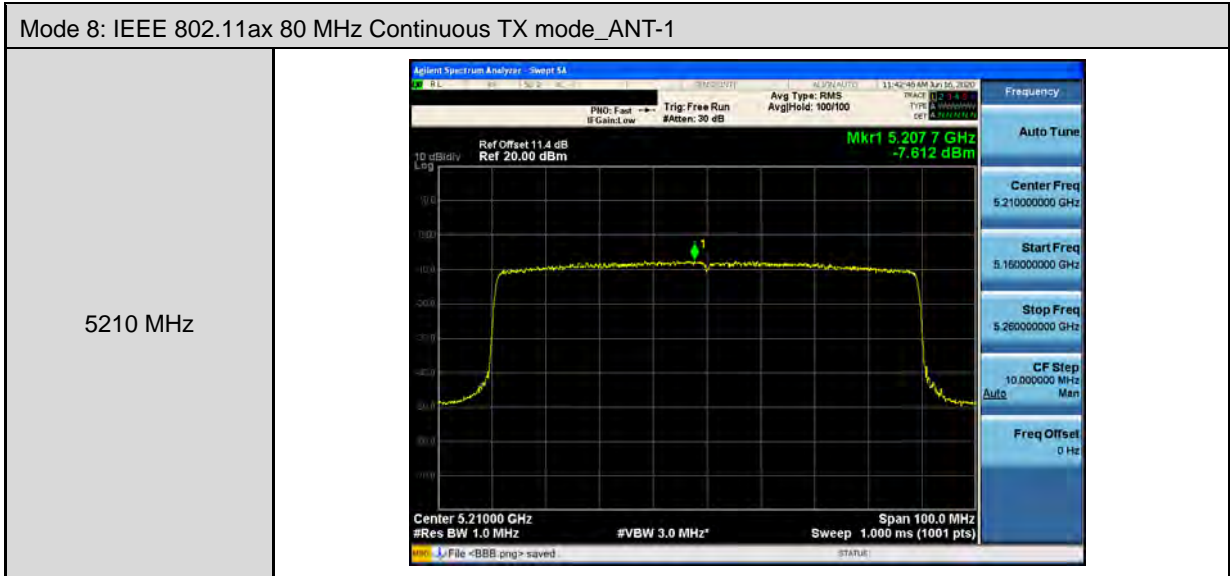
Mode 6: IEEE 802.11ax 20 MHz Continuous TX mode_ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	



Mode 6: IEEE 802.11ax 20 MHz Continuous TX mode_ANT-1	
5745 MHz	 <p>Agilent Spectrum Analyzer - Swept SA 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) File <BBB.png> saved</p>
5785 MHz	 <p>Agilent Spectrum Analyzer - Swept SA 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) File <BBB.png> saved</p>
5825 MHz	 <p>Agilent Spectrum Analyzer - Swept SA 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) File <BBB.png> saved</p>



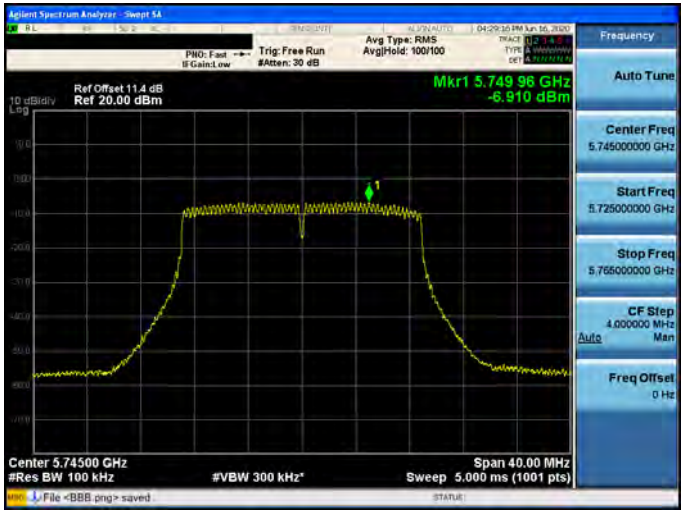
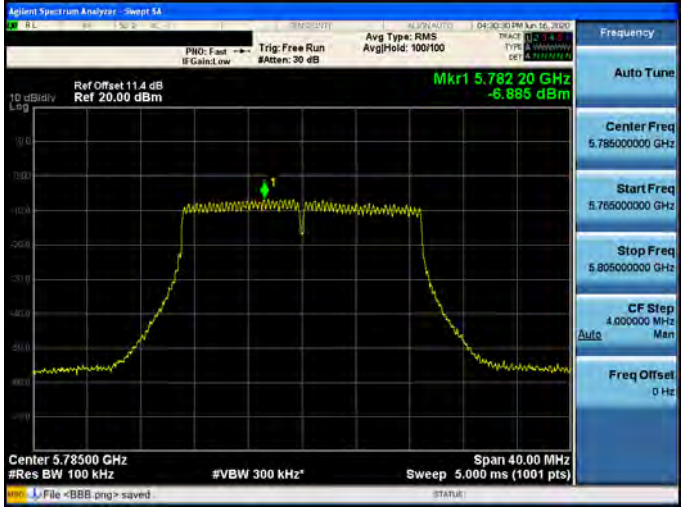
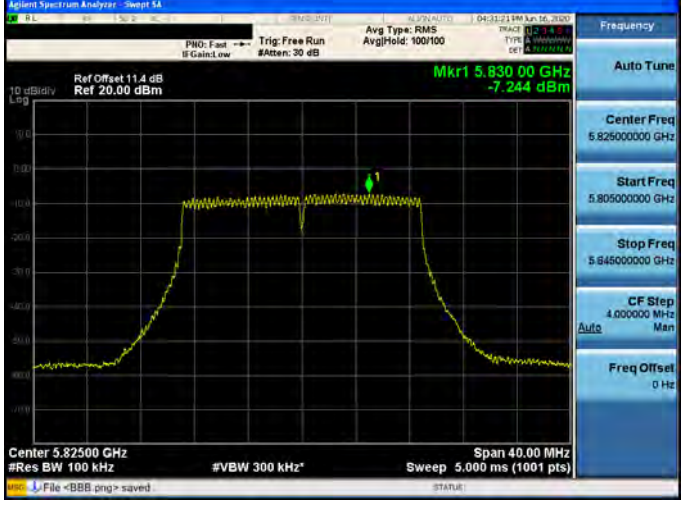




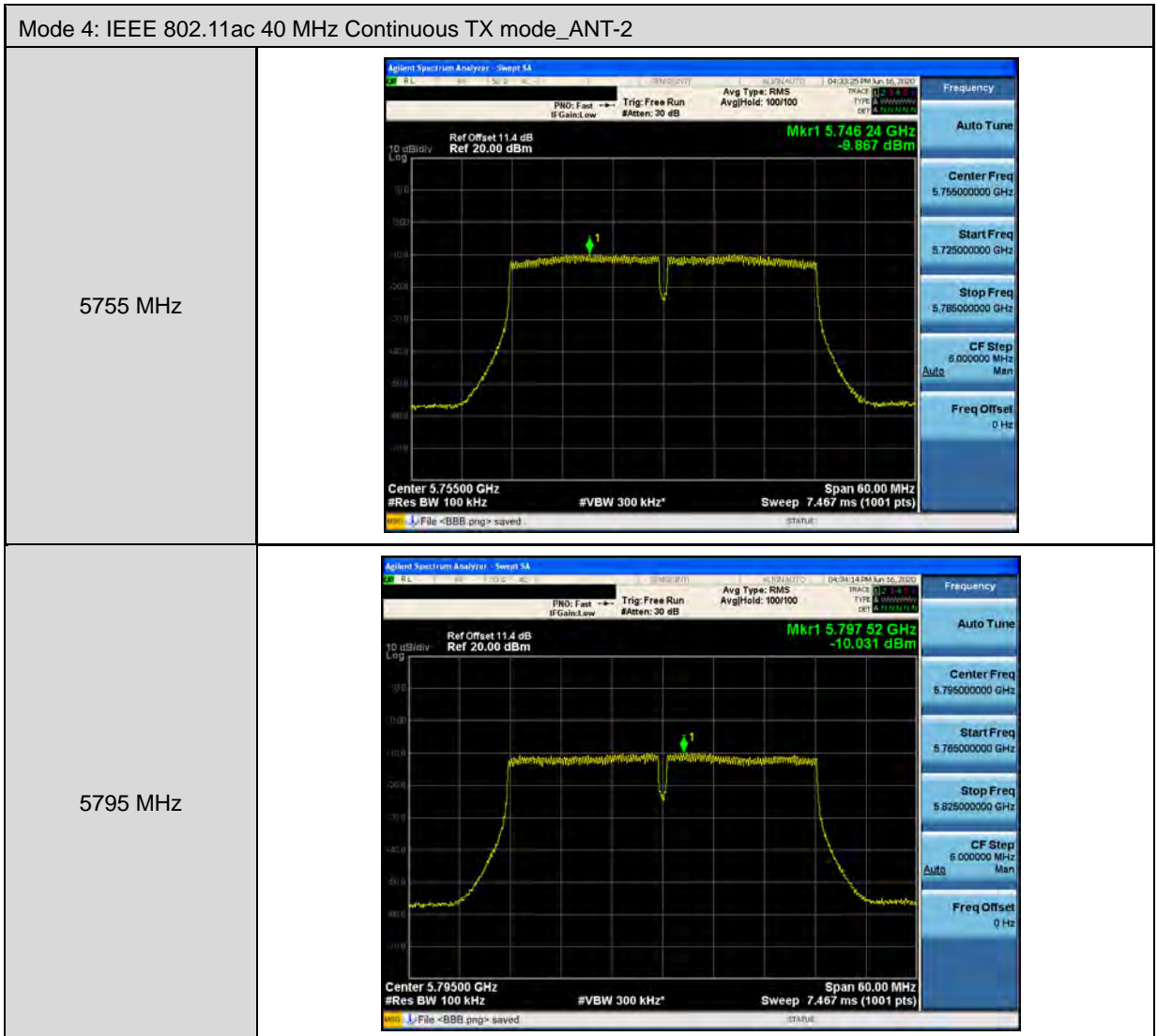


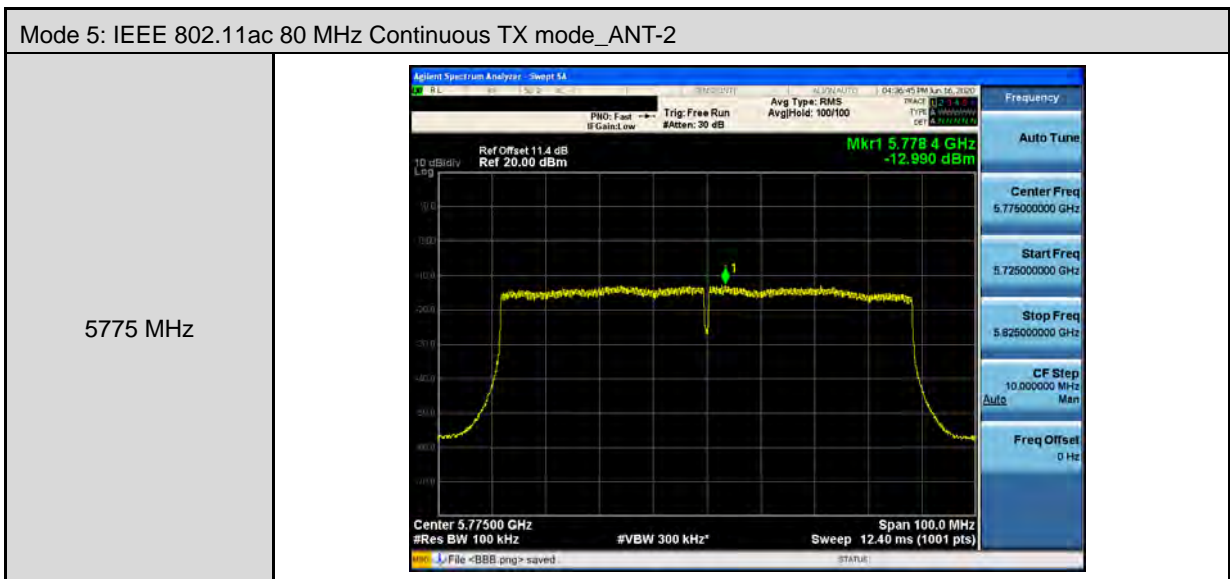
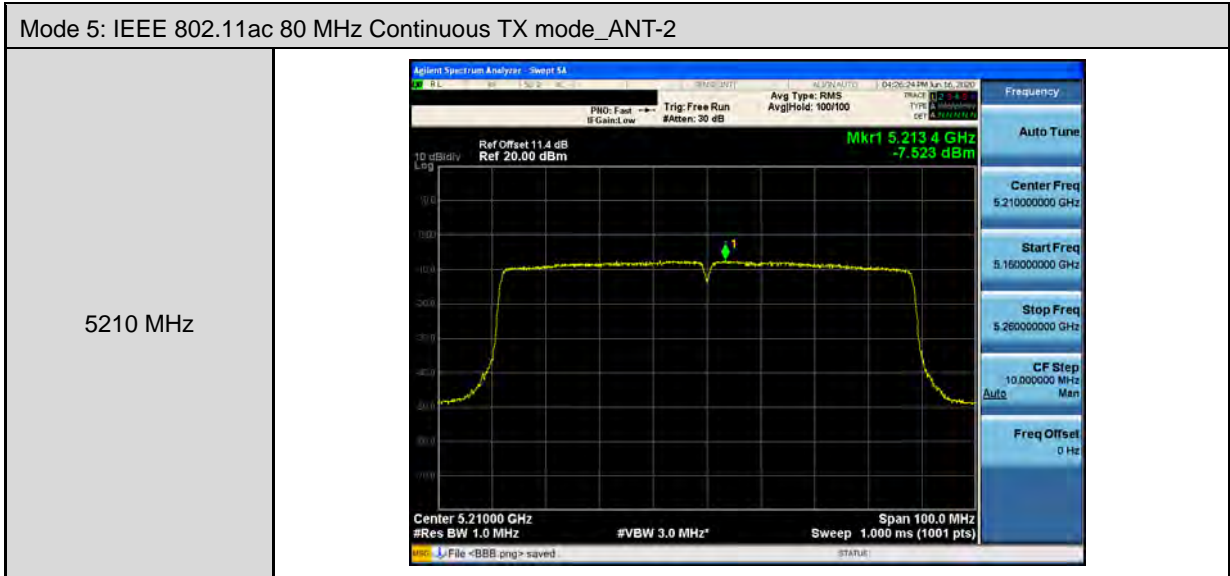
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-2	
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5200 MHz	
5240 MHz	



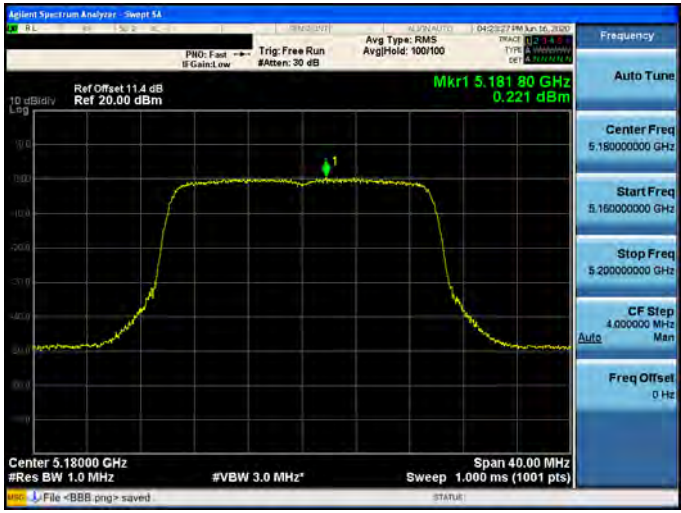
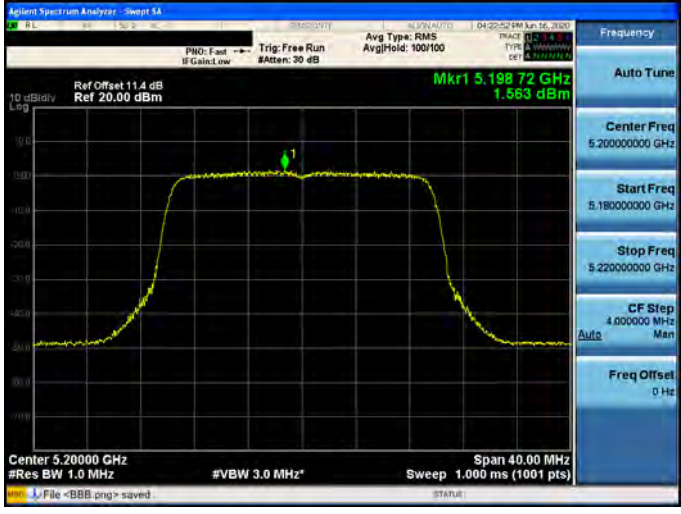
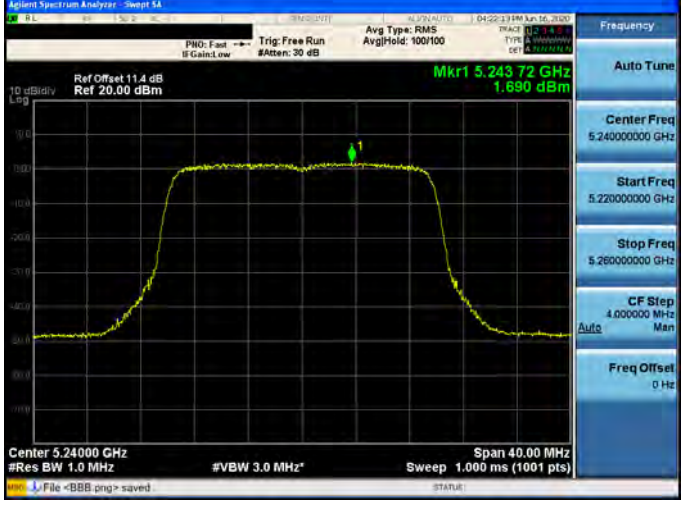
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-2	
5745 MHz	
5785 MHz	
5825 MHz	




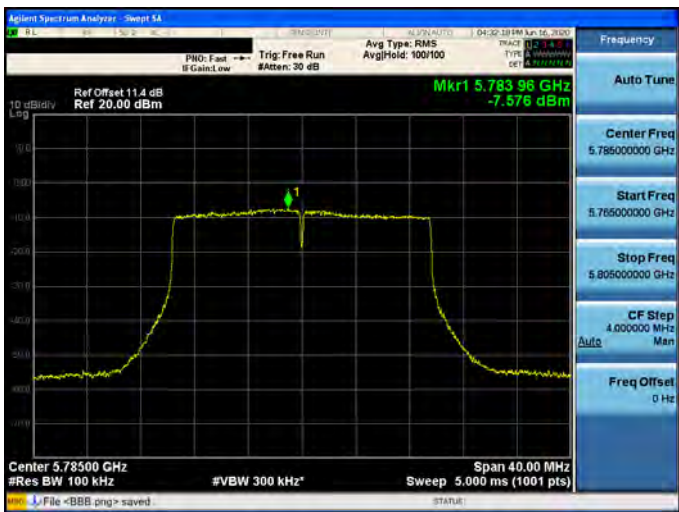
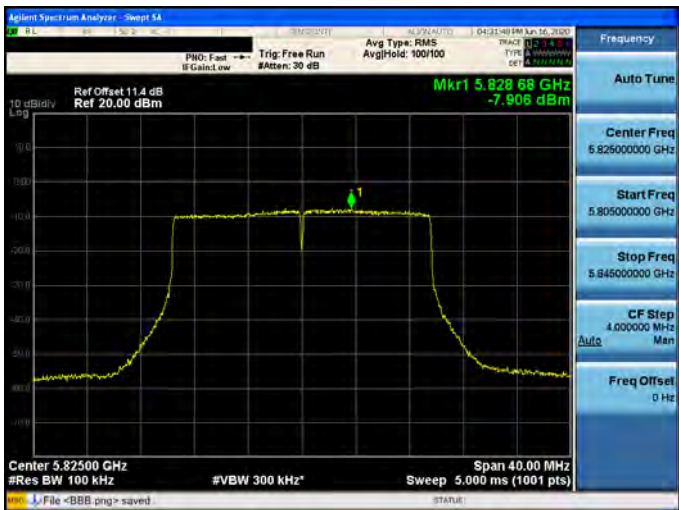


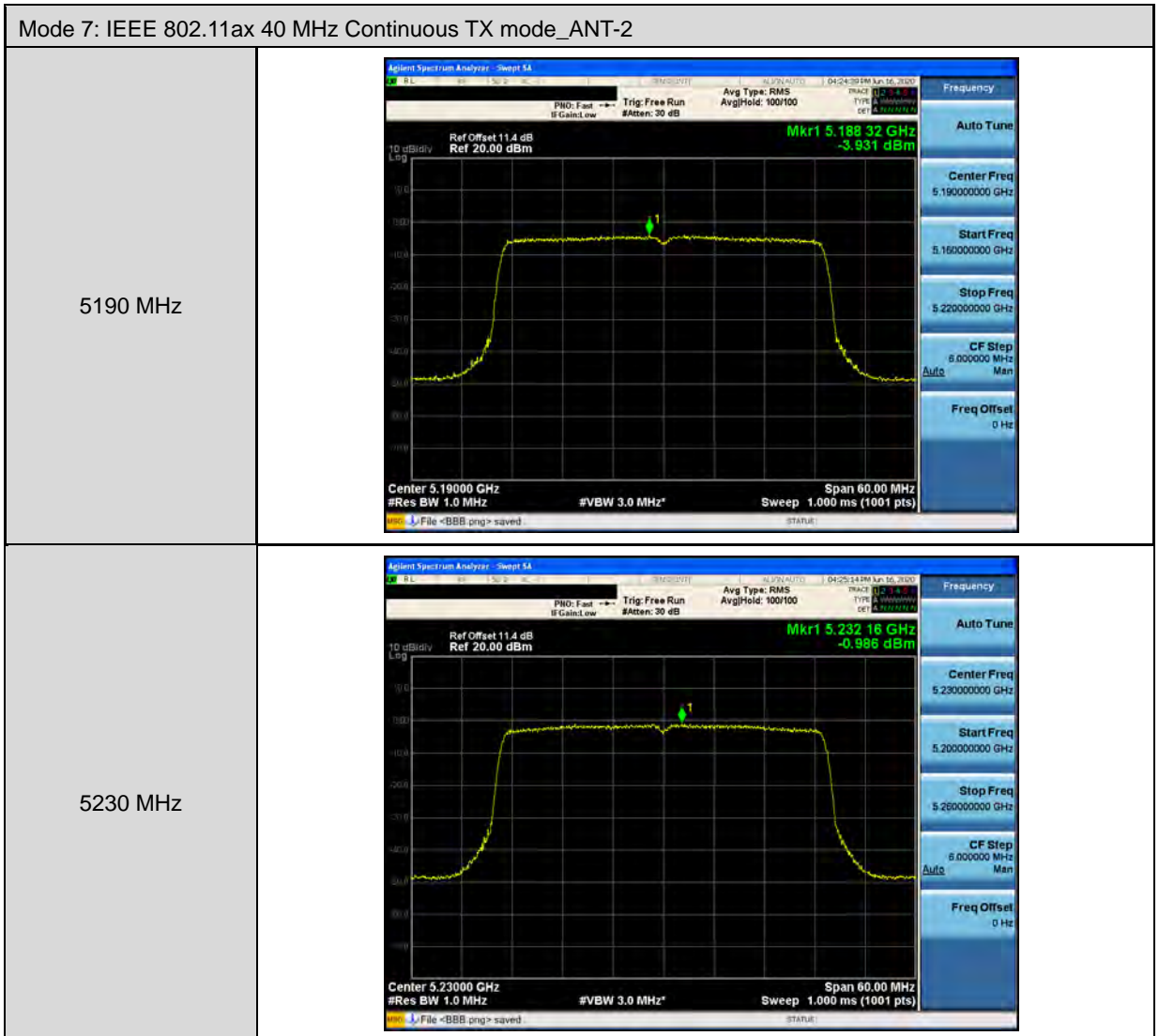




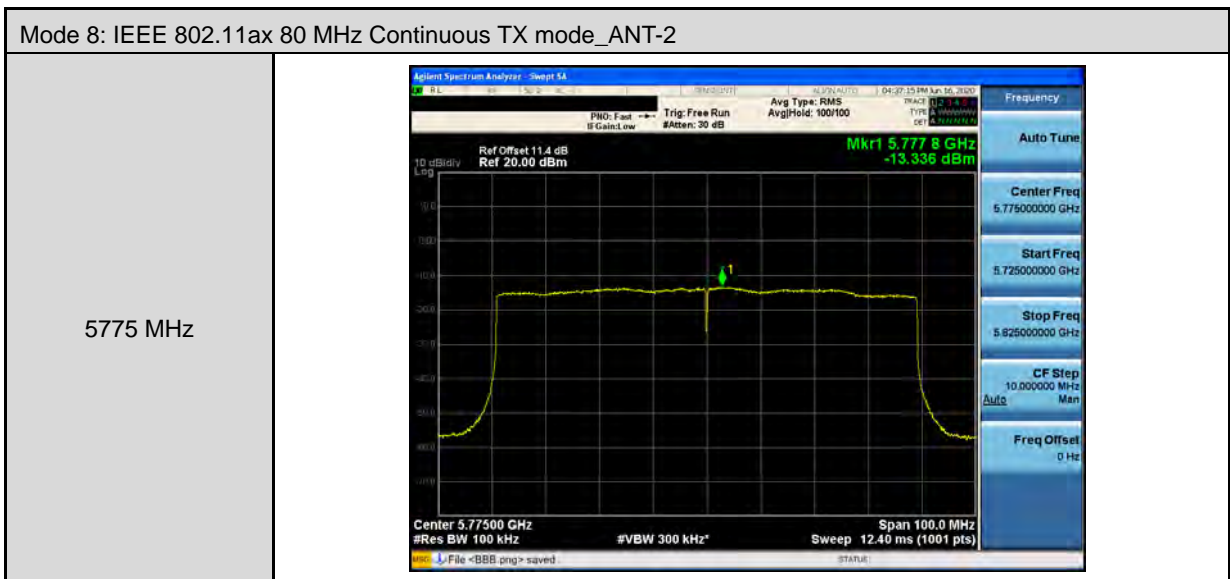
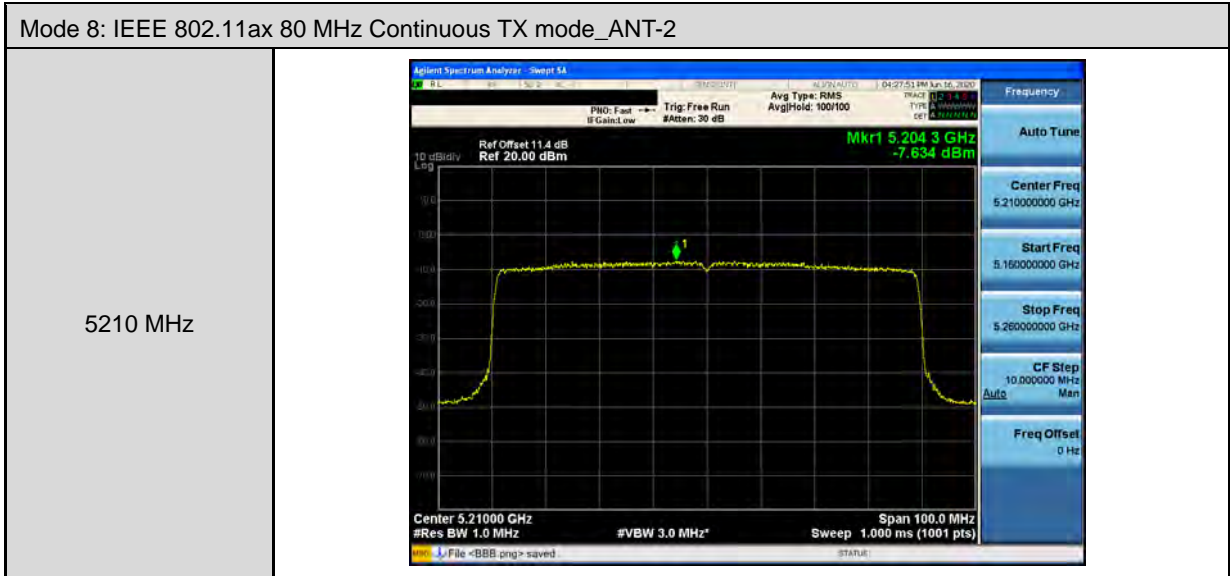
Mode 6: IEEE 802.11ax 20 MHz Continuous TX mode_ANT-2													
5180 MHz	 <p>Agilent Spectrum Analyzer - Sweep 14</p> <p>Ref Offset 11.4 dB Ref 20.00 dBm</p> <p>Mkr1 5.181 80 GHz 0.221 dBm</p> <p>Center 5.180000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts)</p> <p>File > Save > File <BBB.png> saved</p> <table border="1"><tr><td>Frequency</td><td>Auto Tune</td></tr><tr><td>Center Freq</td><td>5.180000000 GHz</td></tr><tr><td>Start Freq</td><td>5.160000000 GHz</td></tr><tr><td>Stop Freq</td><td>5.200000000 GHz</td></tr><tr><td>CF Step</td><td>4.000000 MHz Auto</td></tr><tr><td>Freq Offset</td><td>0 Hz</td></tr></table>	Frequency	Auto Tune	Center Freq	5.180000000 GHz	Start Freq	5.160000000 GHz	Stop Freq	5.200000000 GHz	CF Step	4.000000 MHz Auto	Freq Offset	0 Hz
Frequency	Auto Tune												
Center Freq	5.180000000 GHz												
Start Freq	5.160000000 GHz												
Stop Freq	5.200000000 GHz												
CF Step	4.000000 MHz Auto												
Freq Offset	0 Hz												
5200 MHz	 <p>Agilent Spectrum Analyzer - Sweep 14</p> <p>Ref Offset 11.4 dB Ref 20.00 dBm</p> <p>Mkr1 5.198 72 GHz 1.563 dBm</p> <p>Center 5.200000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts)</p> <p>File > Save > File <BBB.png> saved</p> <table border="1"><tr><td>Frequency</td><td>Auto Tune</td></tr><tr><td>Center Freq</td><td>5.200000000 GHz</td></tr><tr><td>Start Freq</td><td>5.180000000 GHz</td></tr><tr><td>Stop Freq</td><td>5.220000000 GHz</td></tr><tr><td>CF Step</td><td>4.000000 MHz Auto</td></tr><tr><td>Freq Offset</td><td>0 Hz</td></tr></table>	Frequency	Auto Tune	Center Freq	5.200000000 GHz	Start Freq	5.180000000 GHz	Stop Freq	5.220000000 GHz	CF Step	4.000000 MHz Auto	Freq Offset	0 Hz
Frequency	Auto Tune												
Center Freq	5.200000000 GHz												
Start Freq	5.180000000 GHz												
Stop Freq	5.220000000 GHz												
CF Step	4.000000 MHz Auto												
Freq Offset	0 Hz												
5240 MHz	 <p>Agilent Spectrum Analyzer - Sweep 14</p> <p>Ref Offset 11.4 dB Ref 20.00 dBm</p> <p>Mkr1 5.243 72 GHz 1.690 dBm</p> <p>Center 5.240000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Span 40.00 MHz Sweep 1.000 ms (1001 pts)</p> <p>File > Save > File <BBB.png> saved</p> <table border="1"><tr><td>Frequency</td><td>Auto Tune</td></tr><tr><td>Center Freq</td><td>5.240000000 GHz</td></tr><tr><td>Start Freq</td><td>5.220000000 GHz</td></tr><tr><td>Stop Freq</td><td>5.260000000 GHz</td></tr><tr><td>CF Step</td><td>4.000000 MHz Auto</td></tr><tr><td>Freq Offset</td><td>0 Hz</td></tr></table>	Frequency	Auto Tune	Center Freq	5.240000000 GHz	Start Freq	5.220000000 GHz	Stop Freq	5.260000000 GHz	CF Step	4.000000 MHz Auto	Freq Offset	0 Hz
Frequency	Auto Tune												
Center Freq	5.240000000 GHz												
Start Freq	5.220000000 GHz												
Stop Freq	5.260000000 GHz												
CF Step	4.000000 MHz Auto												
Freq Offset	0 Hz												



Mode 6: IEEE 802.11ax 20 MHz Continuous TX mode_ANT-2	
5745 MHz	 <p>Agilent Spectrum Analyzer - Swept SA Ref Offset 11.4 dB Ref 20.0 dBm Mkr1 5.739 32 GHz -7.403 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 - Swept SA Ref Offset 11.4 dB Ref 20.0 dBm Mkr1 5.783 98 GHz -7.576 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 - Swept SA Ref Offset 11.4 dB Ref 20.0 dBm Mkr1 5.828 68 GHz -7.906 dBm Center 5.82500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p>





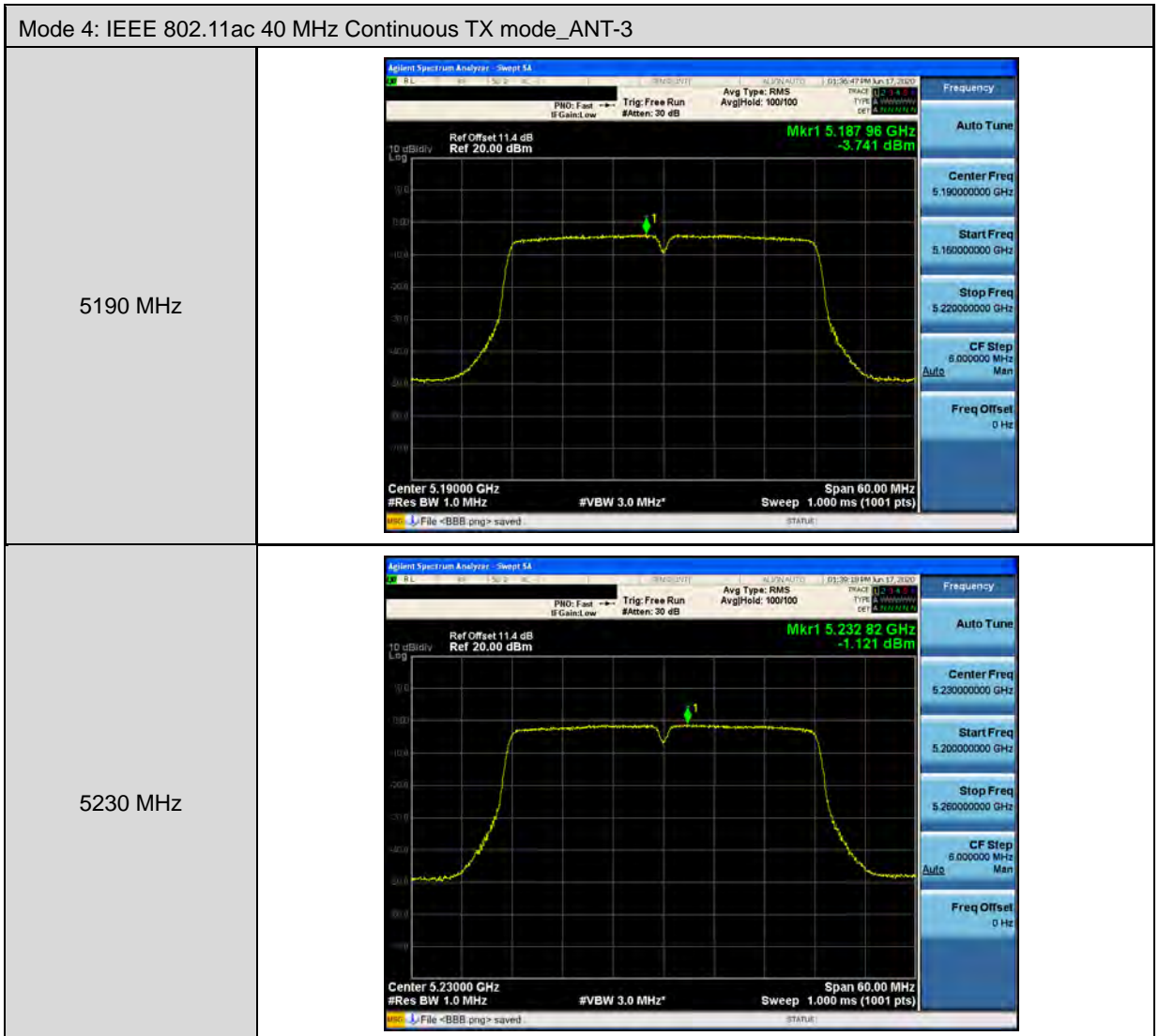


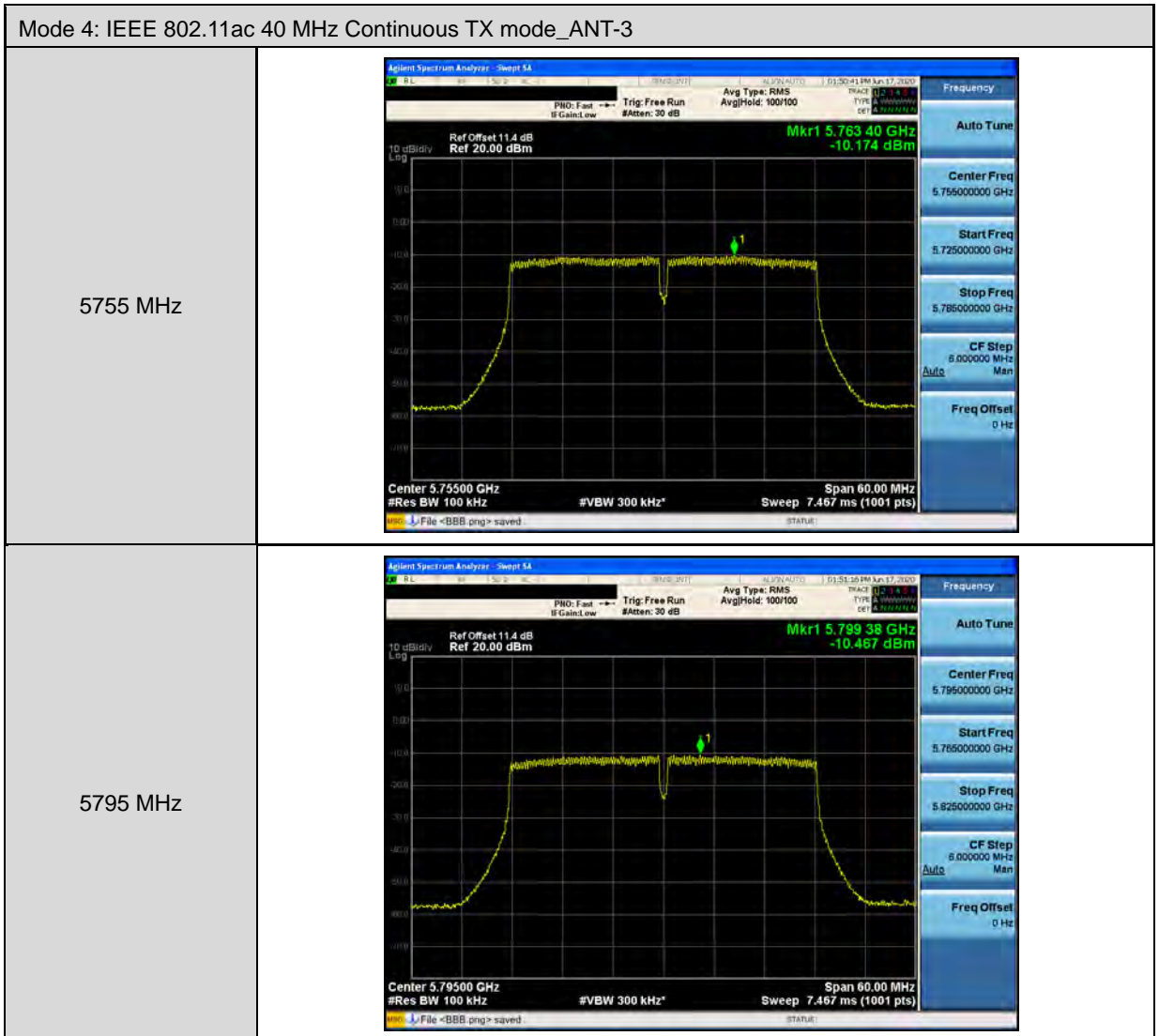


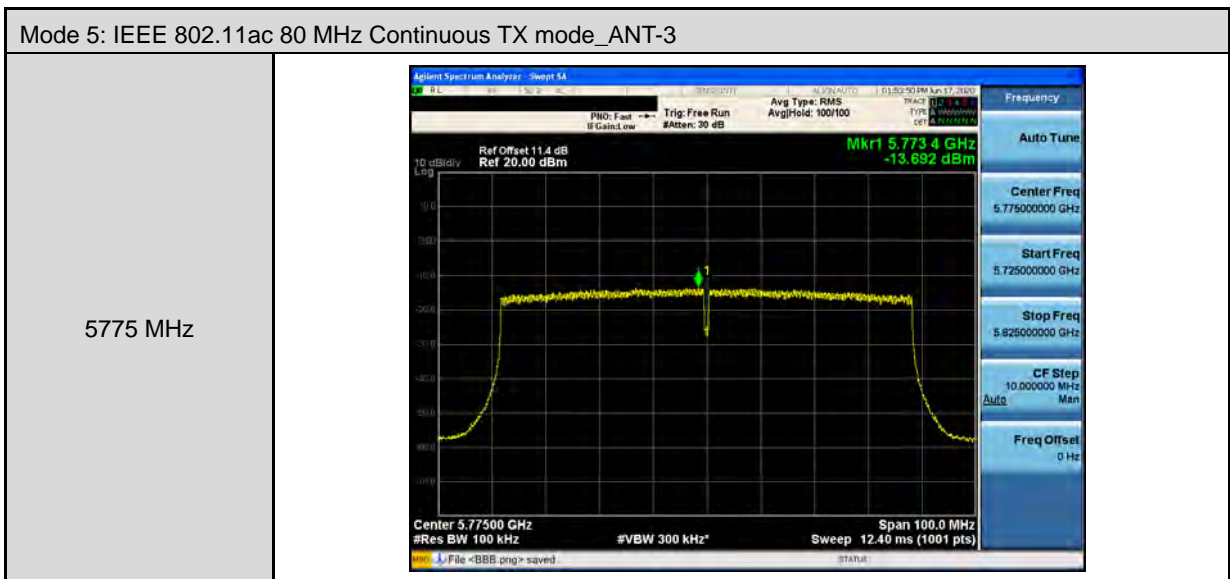
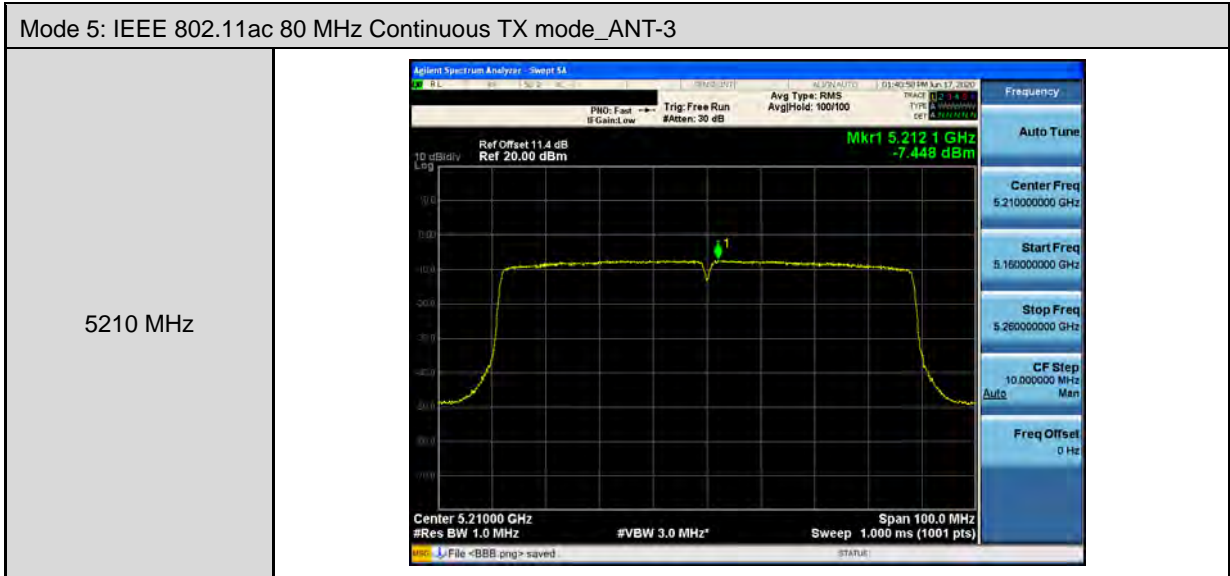
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-3	
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5200 MHz	
5240 MHz	



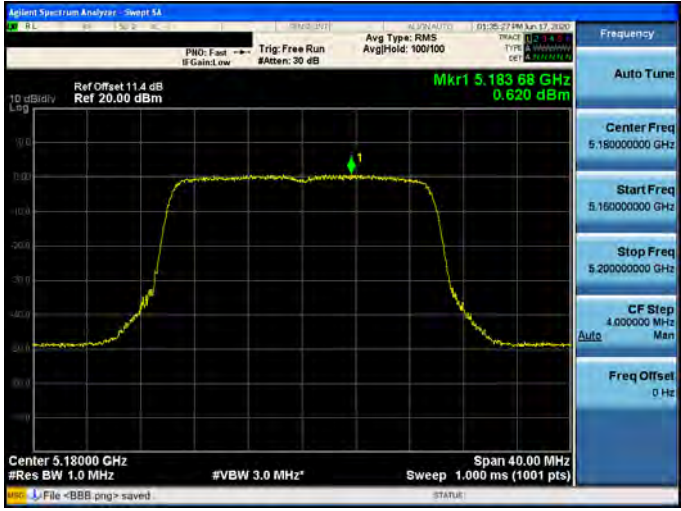
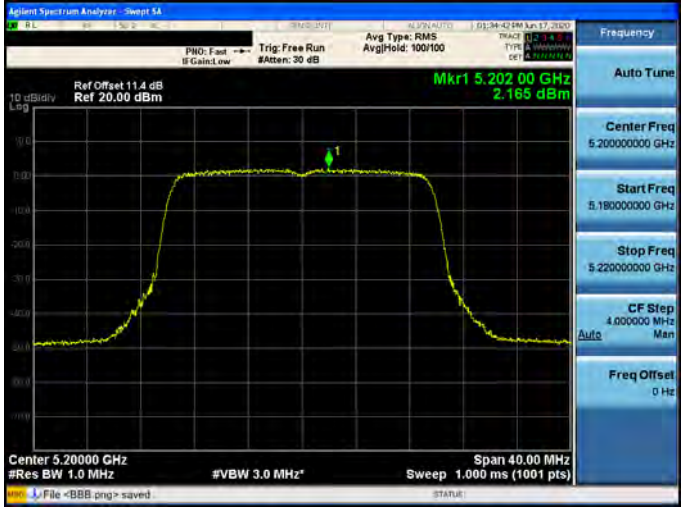
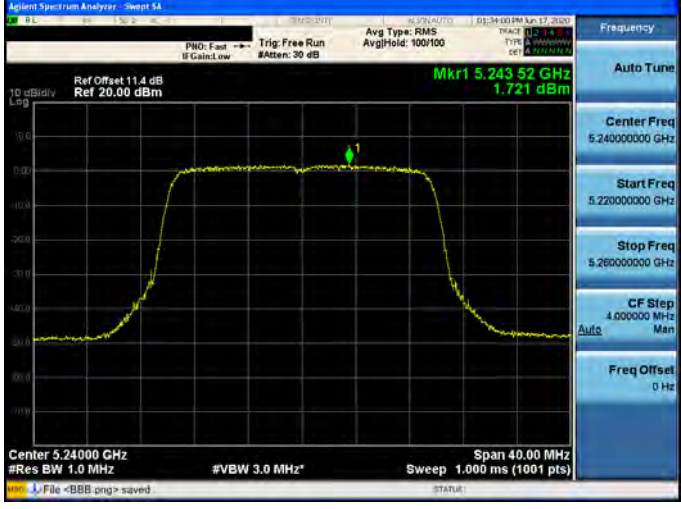
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-3	
5745 MHz	
5785 MHz	
5825 MHz	



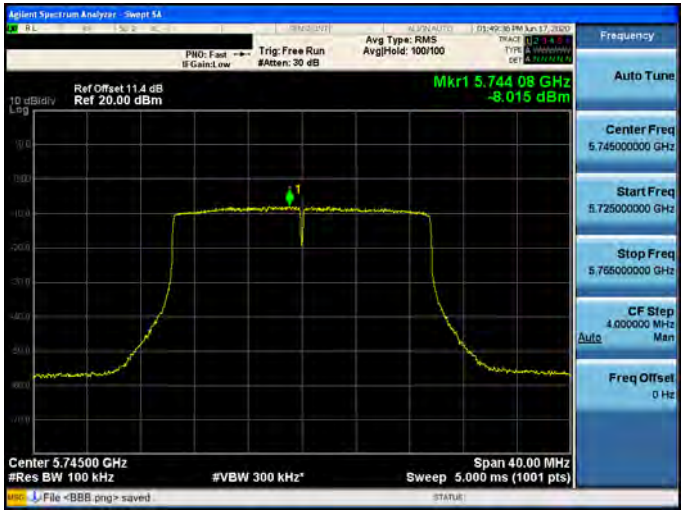
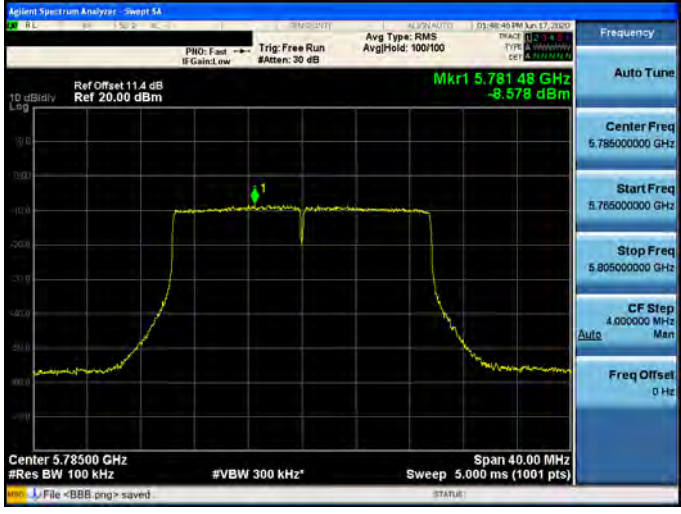
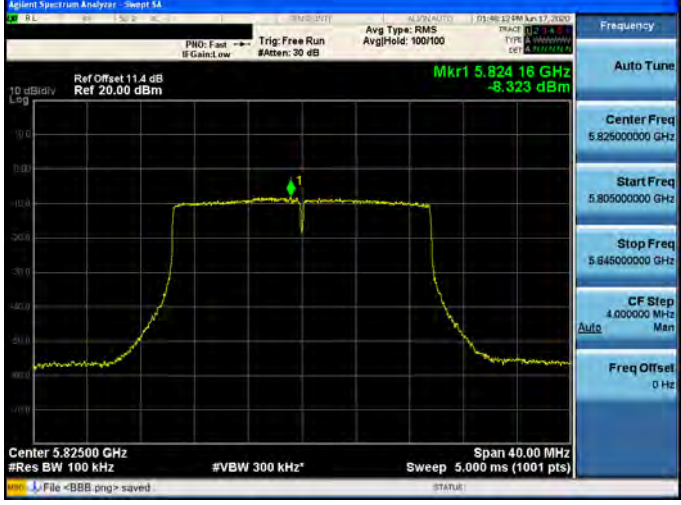


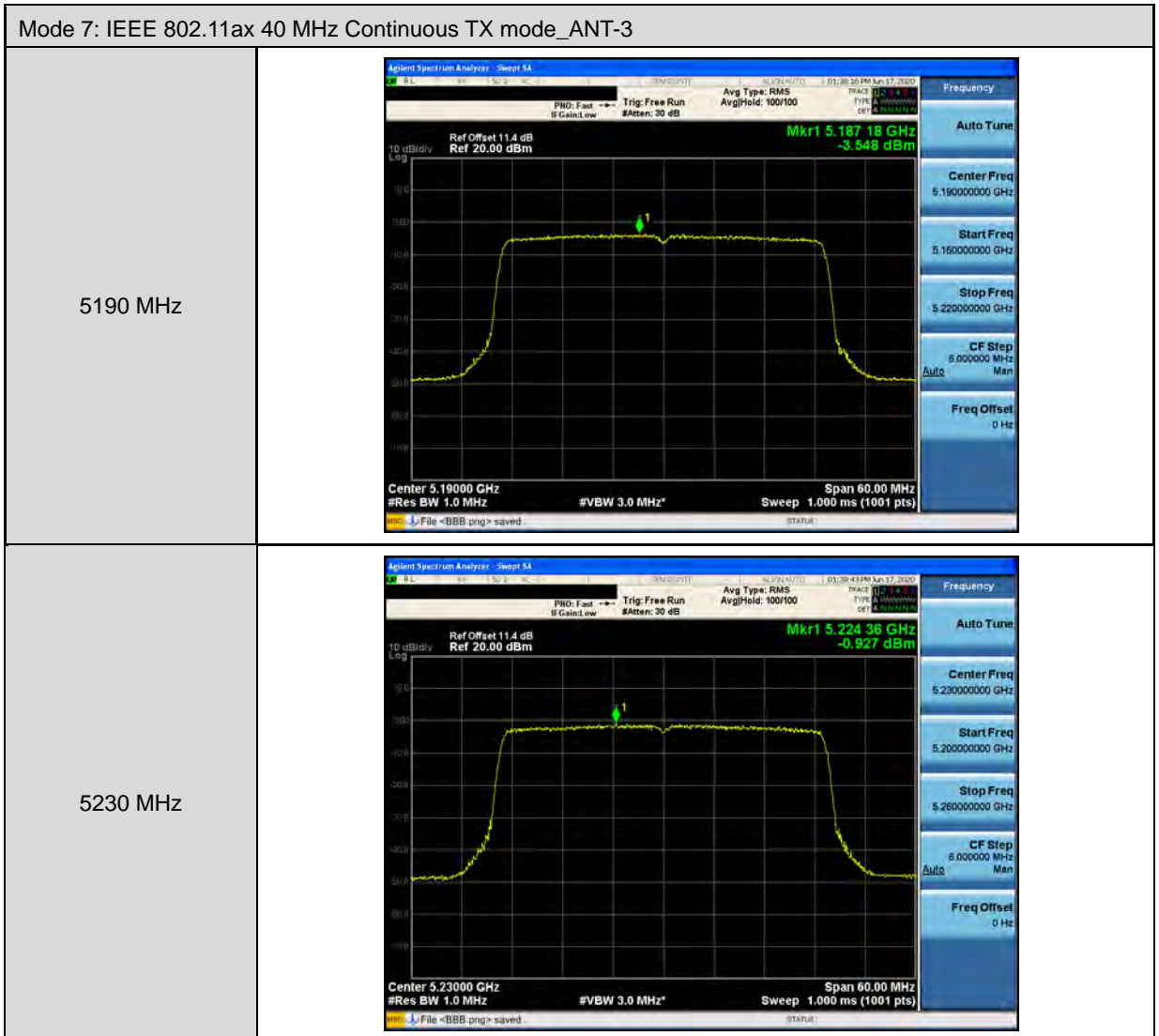


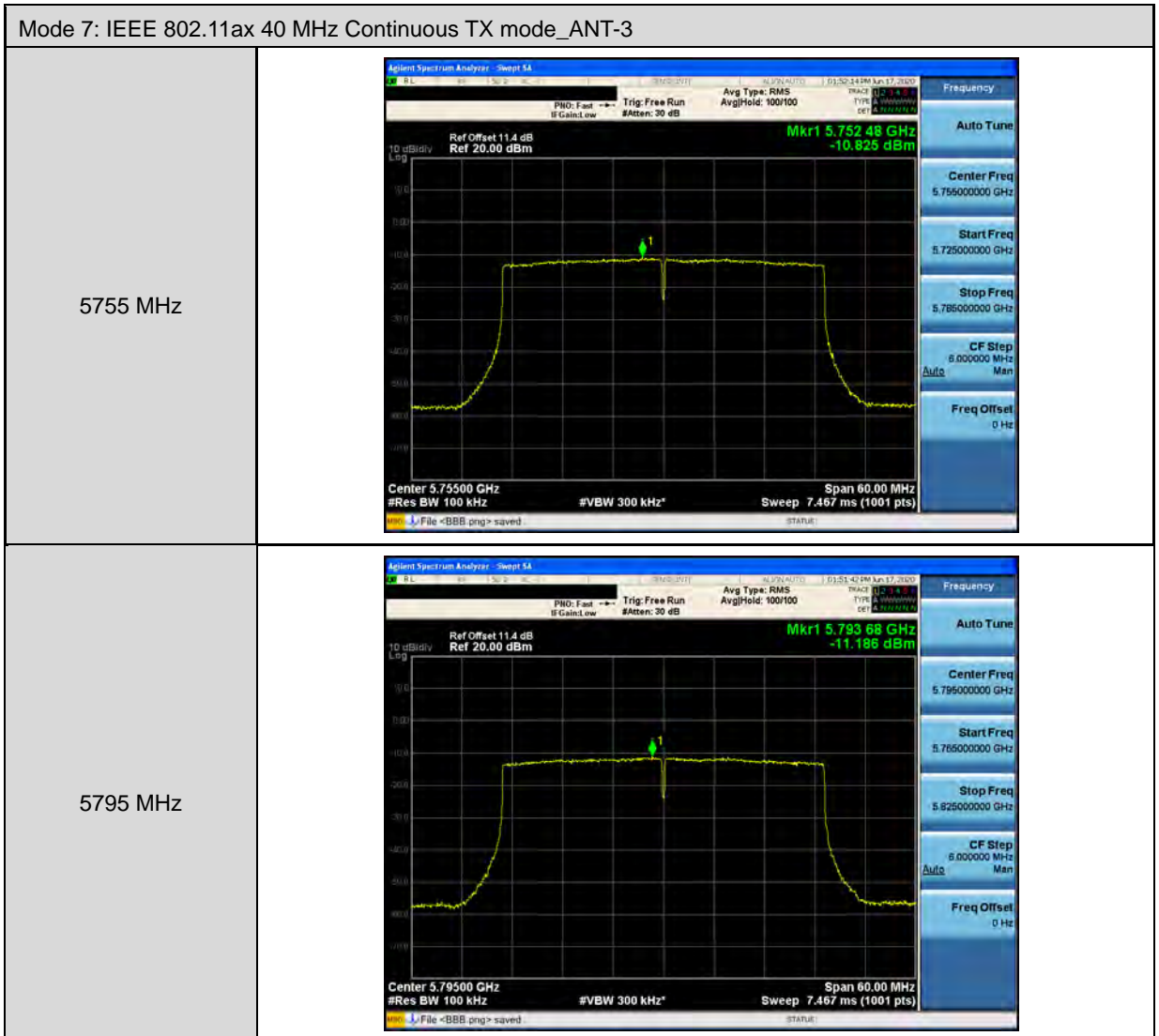


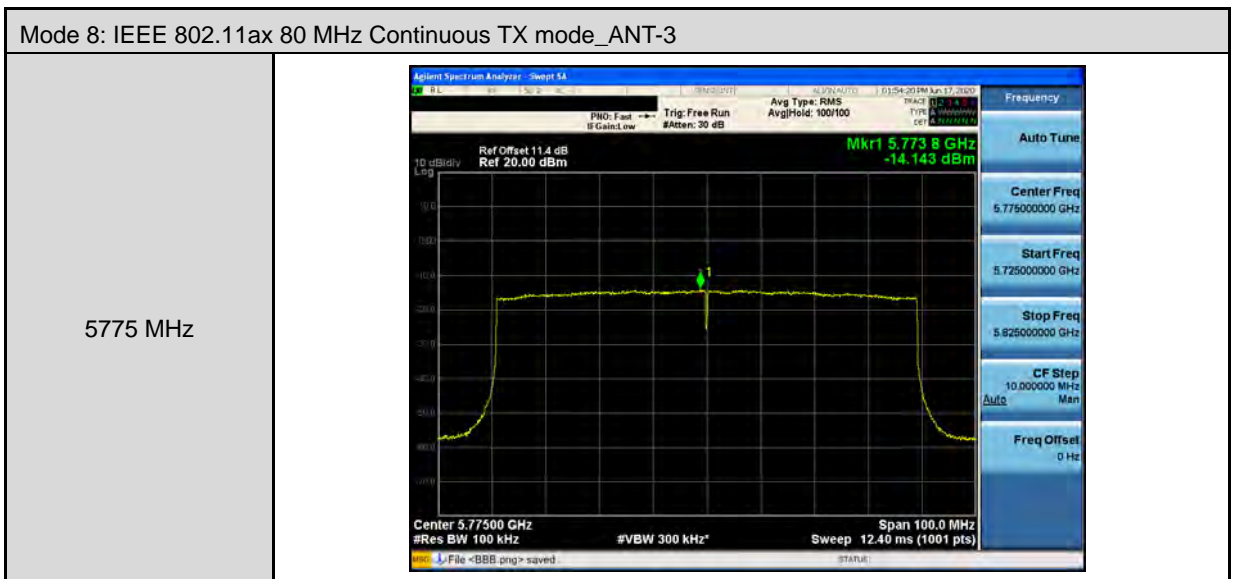
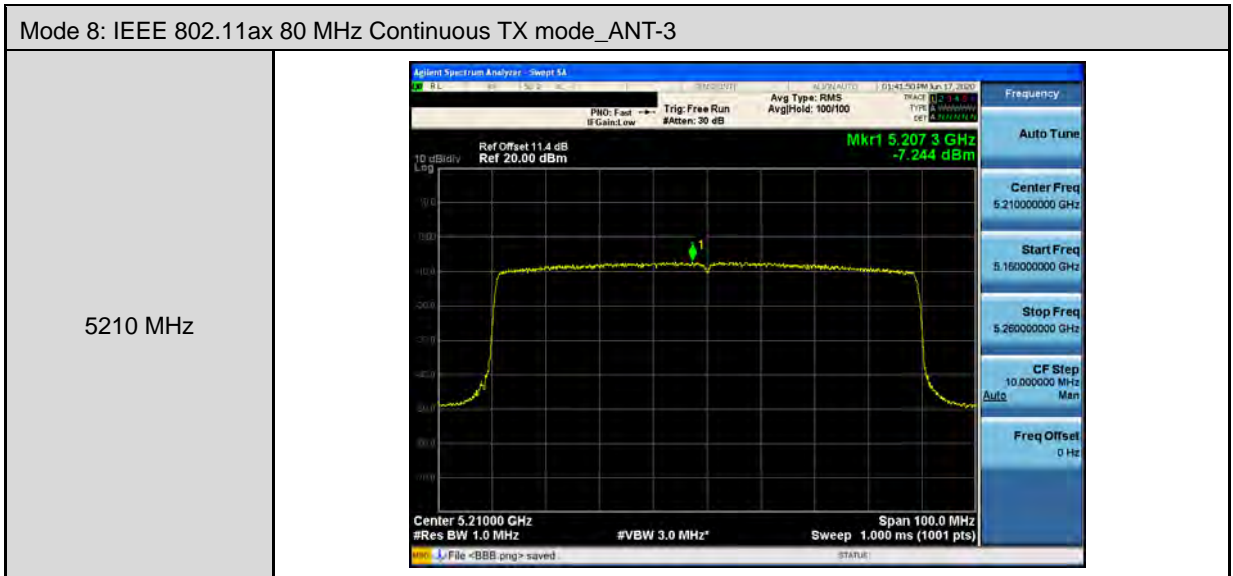
Mode 6: IEEE 802.11ax 20 MHz Continuous TX mode_ANT-3	
5180 MHz	
5200 MHz	
5240 MHz	



Mode 6: IEEE 802.11ax 20 MHz Continuous TX mode_ANT-3	
5745 MHz	 <p>Agilent Spectrum Analyzer - Sweep 14 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.744 08 GHz -8.015 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 14 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.781 48 GHz -8.578 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 14 Ref Offset 11.4 dB Ref 20.00 dBm Mkr1 5.824 16 GHz -8.323 dBm Center 5.82500 GHz #Res BW 100 kHz #VBW 300 kHz Span 40.00 MHz Sweep 5.000 ms (1001 pts)</p>







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