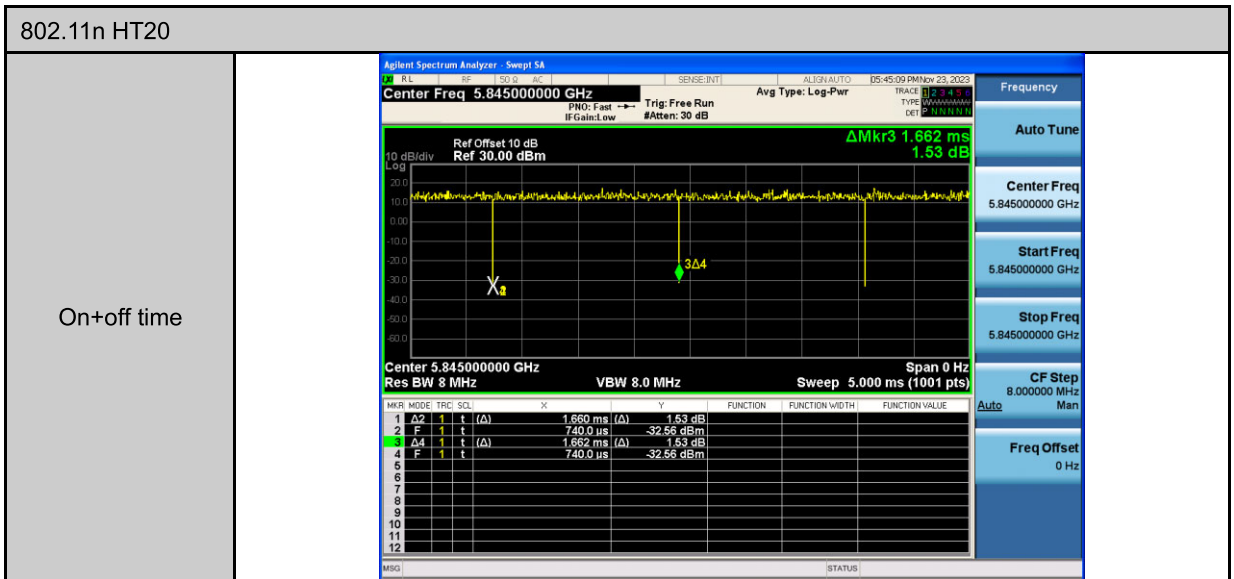
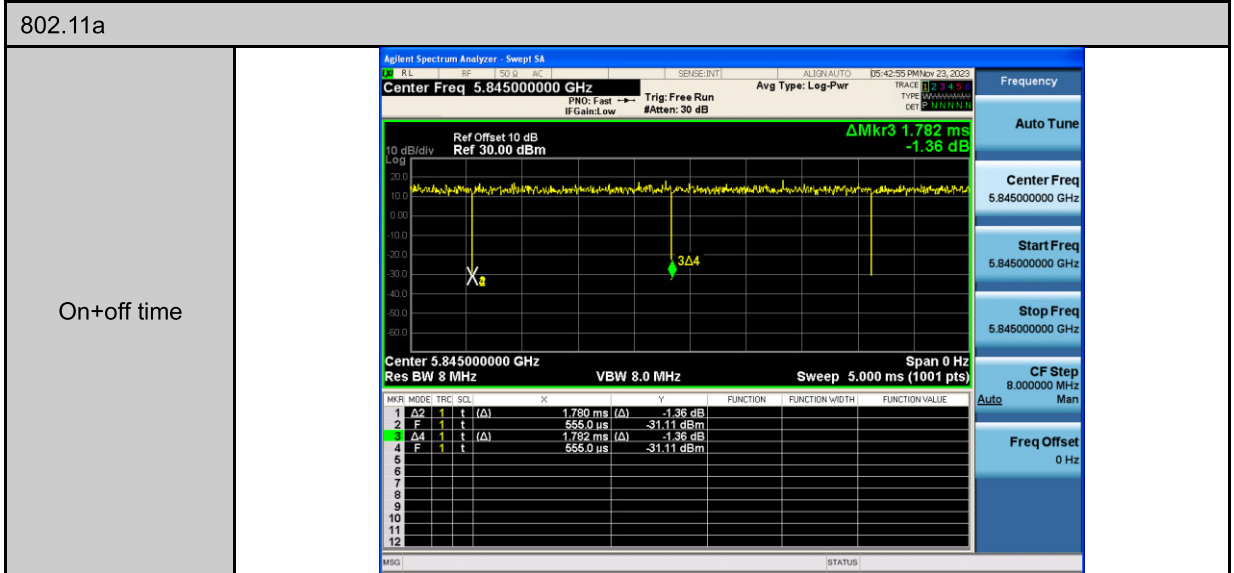
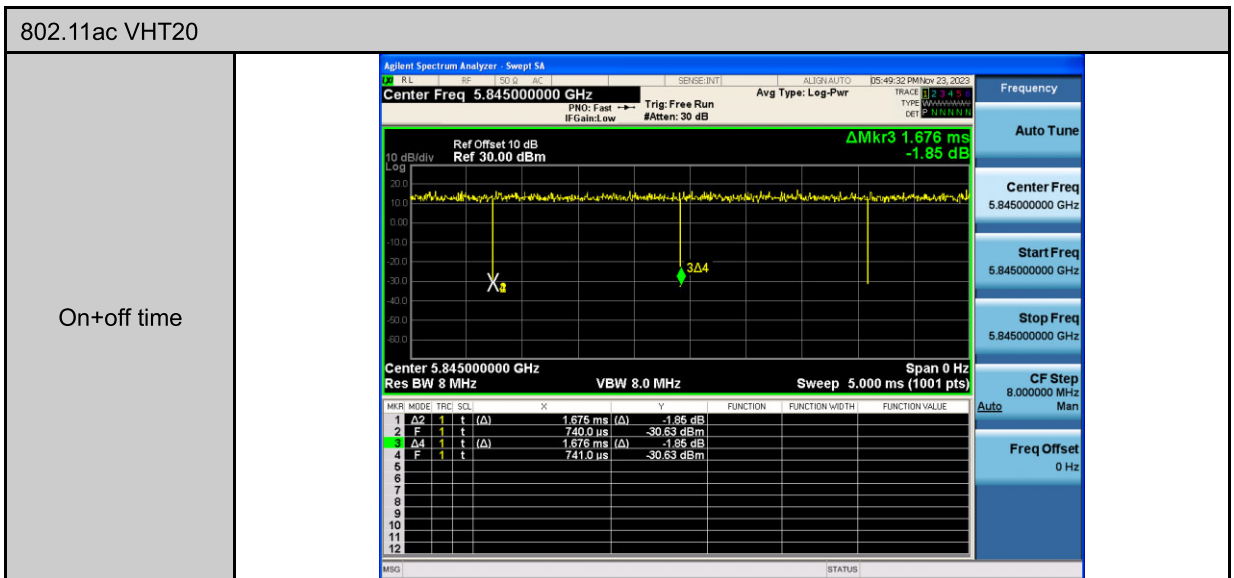
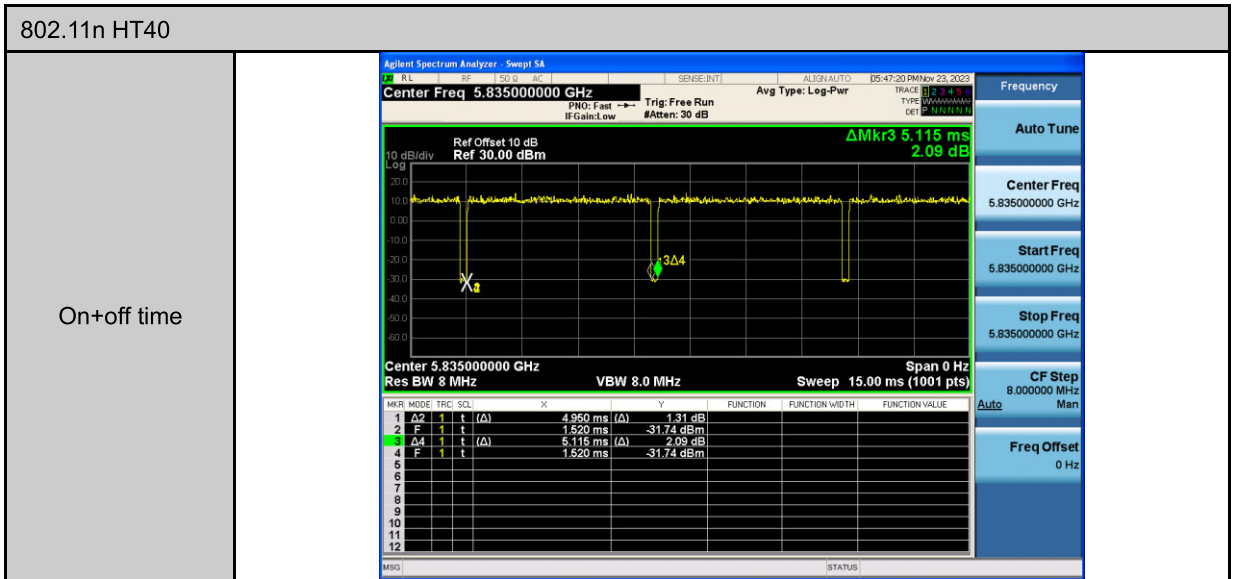


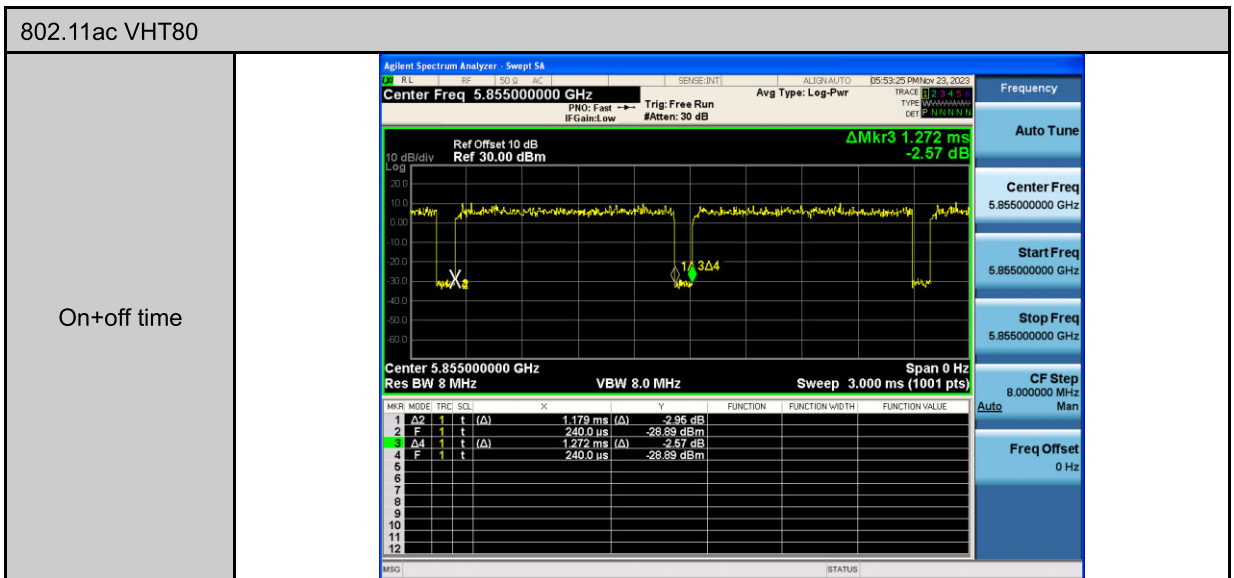
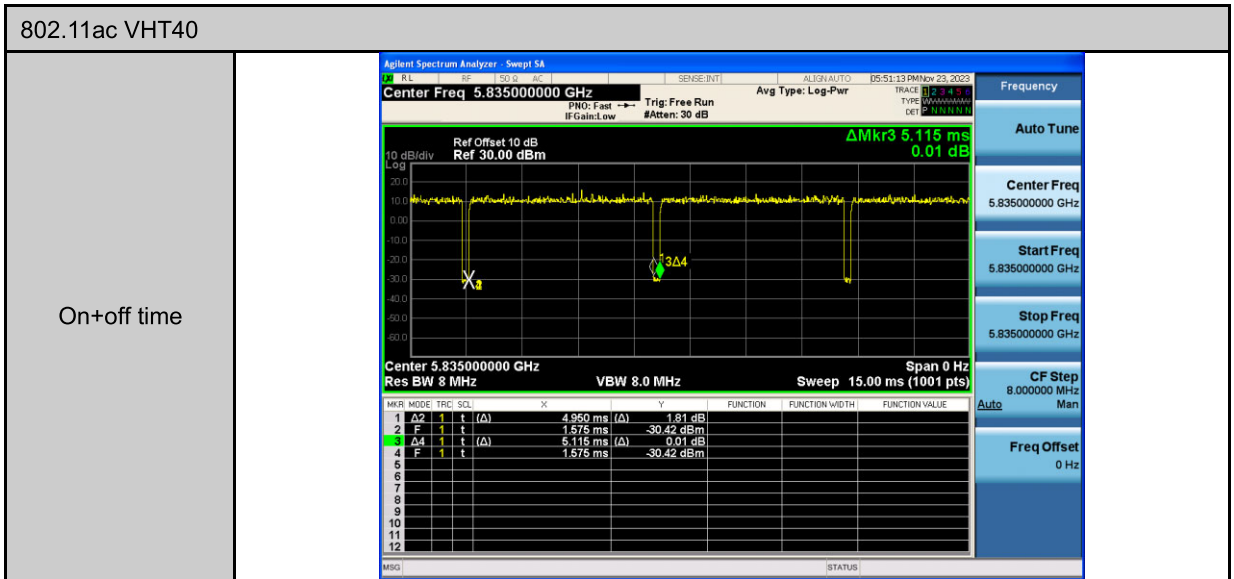
Appendix B Test Plots

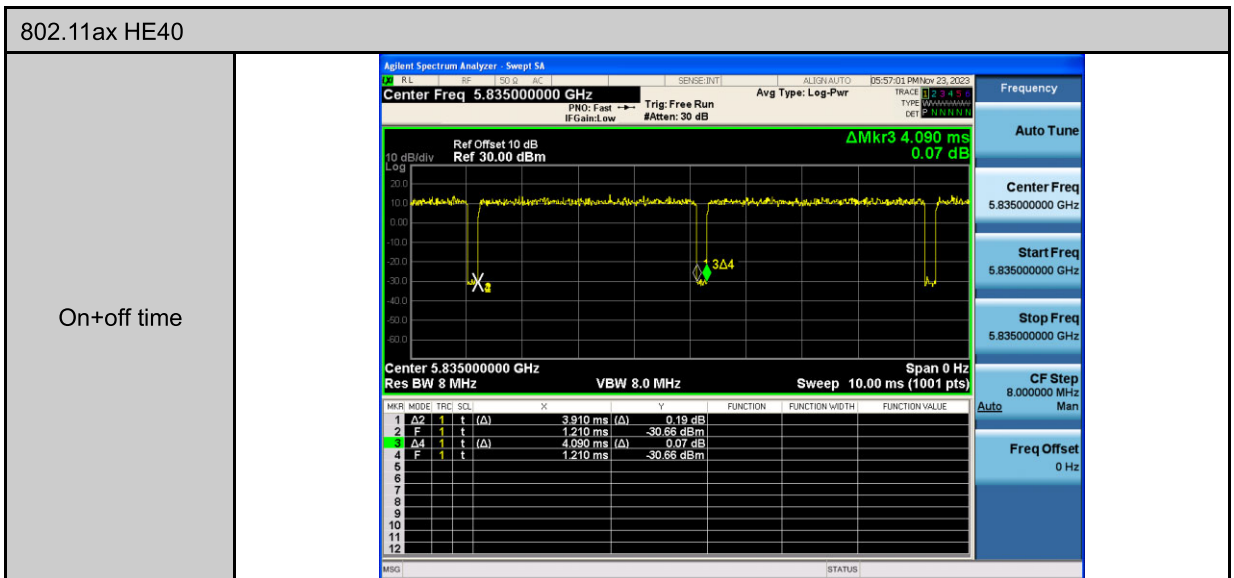
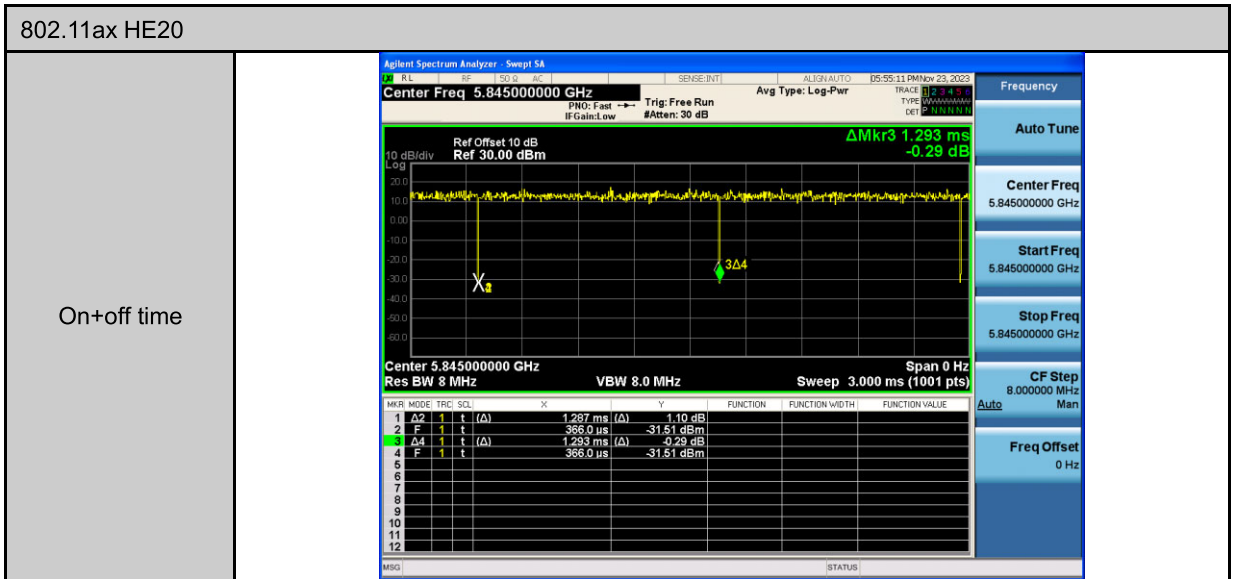
Full RU

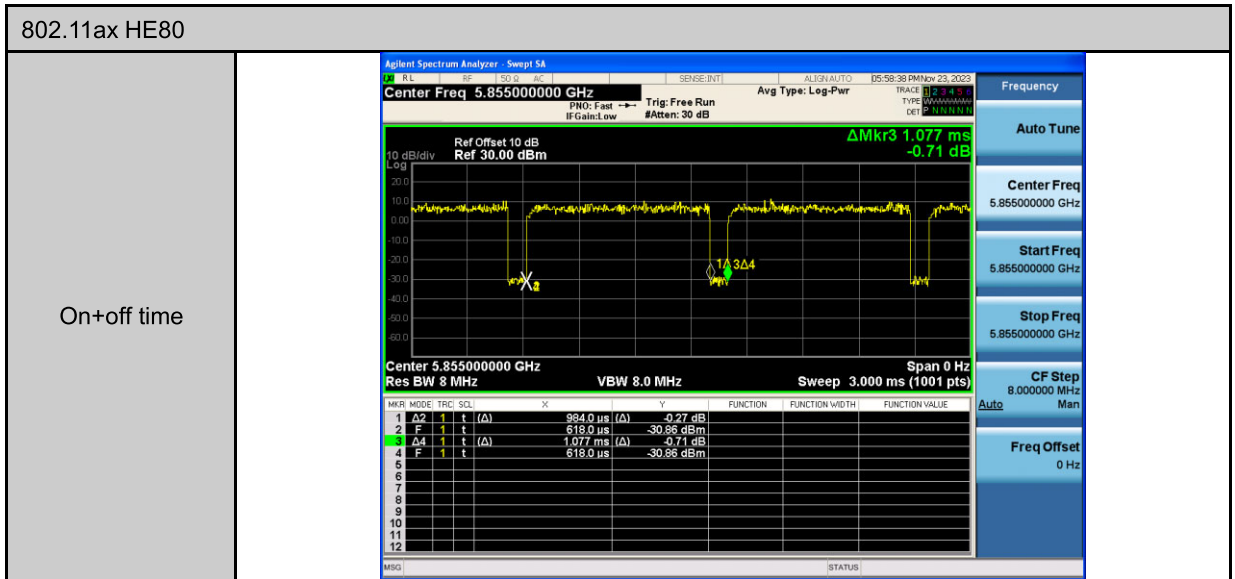
Duty Cycle







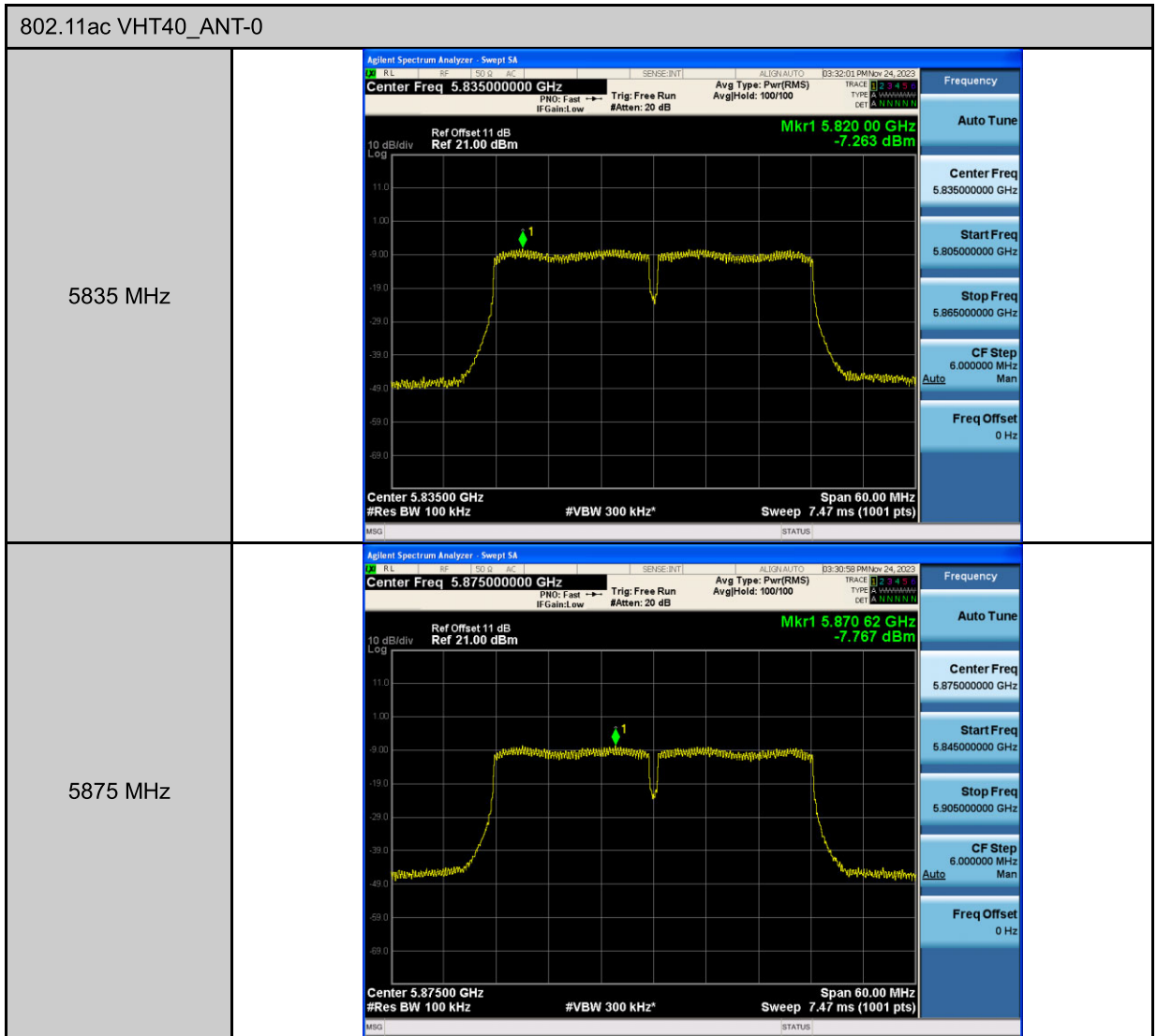


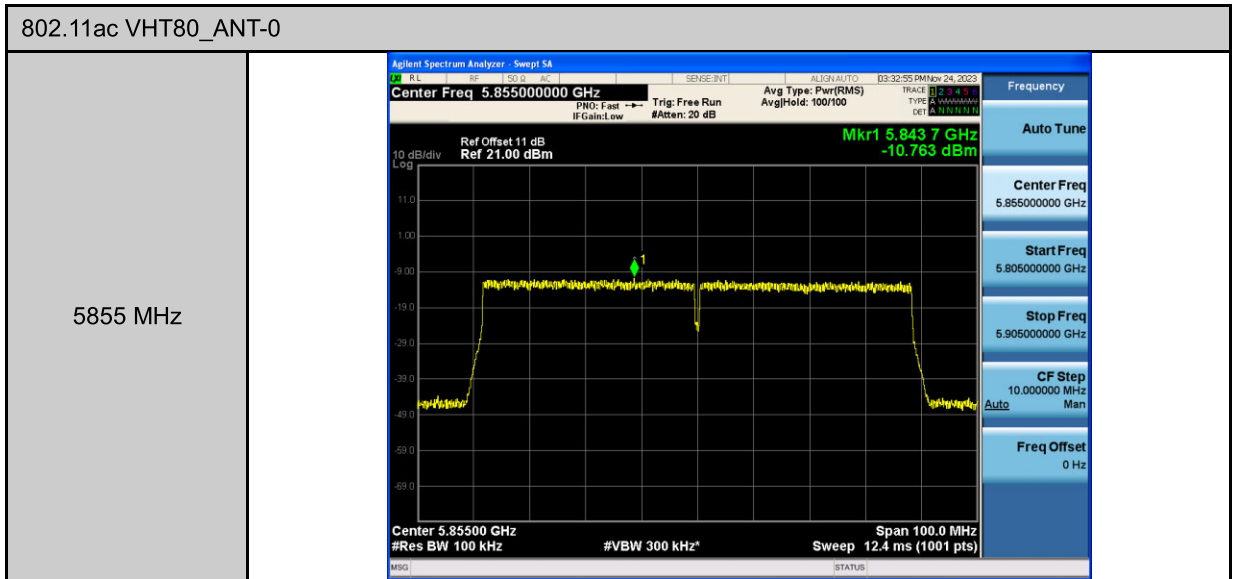


Maximum Power Spectral Density

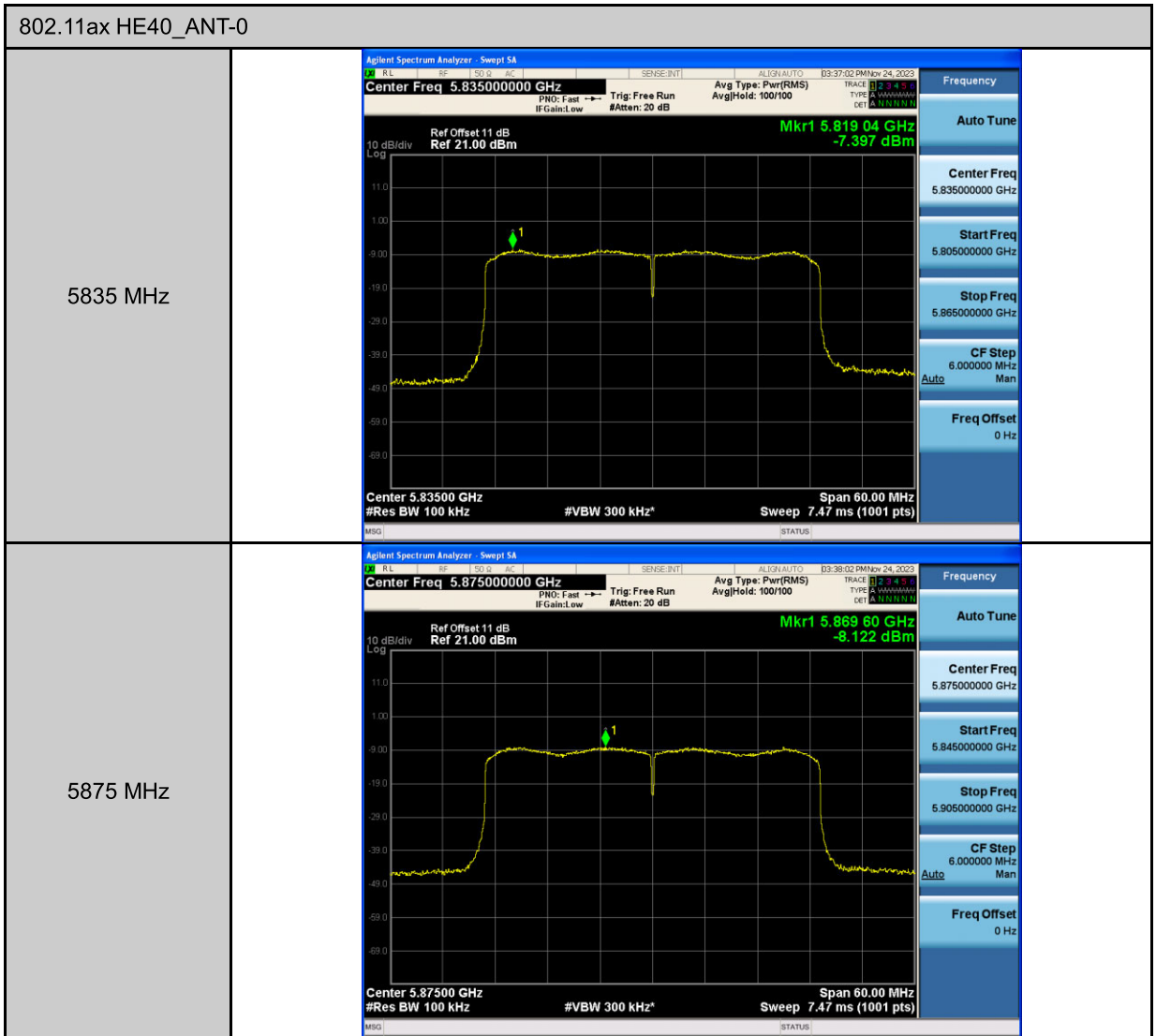
802.11a_ANT-0	
5845 MHz	<p>Agilent Spectrum Analyzer - Swept SA Center Freq 5.84500000 GHz Ref Offset 11 dB Ref 21.00 dBm Mkr1 5.842 20 GHz -3.831 dBm Center 5.84500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.00 ms (1001 pts)</p>
5865 MHz	<p>Agilent Spectrum Analyzer - Swept SA Center Freq 5.86500000 GHz Ref Offset 11 dB Ref 21.00 dBm Mkr1 5.862 49 GHz -3.914 dBm Center 5.86500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.00 ms (1001 pts)</p>
5885 MHz	<p>Agilent Spectrum Analyzer - Swept SA Center Freq 5.88500000 GHz Ref Offset 11 dB Ref 21.00 dBm Mkr1 5.887 52 GHz -3.422 dBm Center 5.88500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.00 ms (1001 pts)</p>

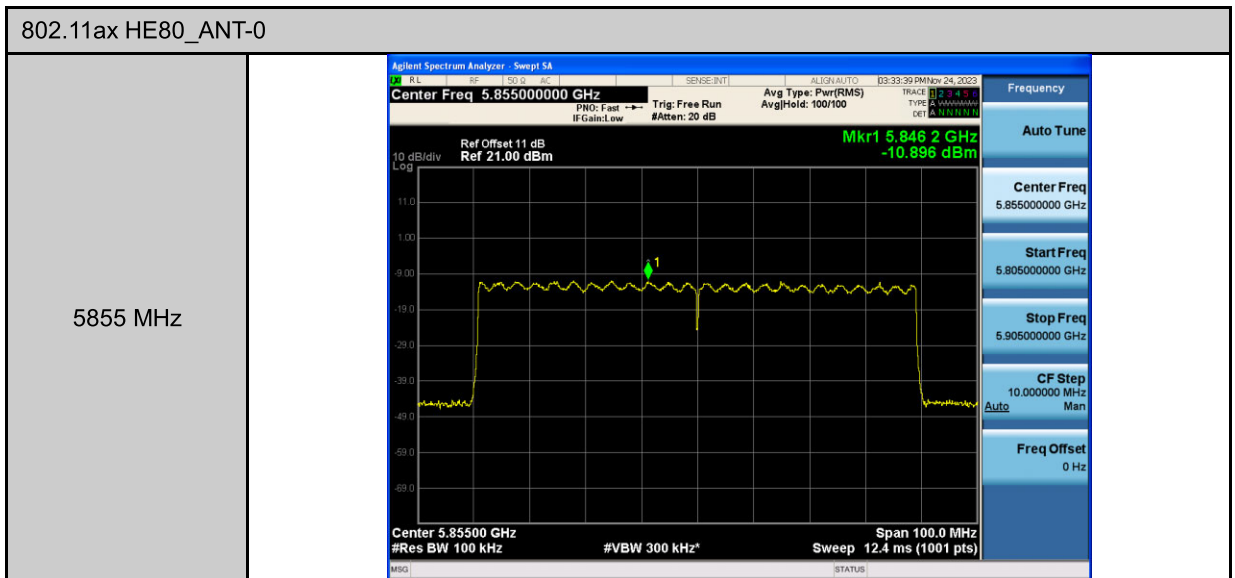
802.11ac VHT20_ANT-0	
5845 MHz	<p>Agilent Spectrum Analyzer - Swept SA Center Freq 5.84500000 GHz Ref Offset 11 dB Ref 21.00 dBm Mkr1 5.842 48 GHz -3.853 dBm Center 5.84500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.00 ms (1001 pts)</p>
5865 MHz	<p>Agilent Spectrum Analyzer - Swept SA Center Freq 5.86500000 GHz Ref Offset 11 dB Ref 21.00 dBm Mkr1 5.872 48 GHz -4.114 dBm Center 5.86500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.00 ms (1001 pts)</p>
5885 MHz	<p>Agilent Spectrum Analyzer - Swept SA Center Freq 5.88500000 GHz Ref Offset 11 dB Ref 21.00 dBm Mkr1 5.892 52 GHz -4.129 dBm Center 5.88500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.00 ms (1001 pts)</p>





802.11ax HE20_ANT-0	
5845 MHz	<p>Agilent Spectrum Analyzer - Swept SA Center Freq 5.84500000 GHz Ref Offset 11 dB Ref 21.00 dBm Mkr1 5.847 56 GHz -4.669 dBm Center 5.84500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.00 ms (1001 pts)</p>
5865 MHz	<p>Agilent Spectrum Analyzer - Swept SA Center Freq 5.86500000 GHz Ref Offset 11 dB Ref 21.00 dBm Mkr1 5.862 48 GHz -5.165 dBm Center 5.86500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.00 ms (1001 pts)</p>
5885 MHz	<p>Agilent Spectrum Analyzer - Swept SA Center Freq 5.88500000 GHz Ref Offset 11 dB Ref 21.00 dBm Mkr1 5.887 52 GHz -5.106 dBm Center 5.88500 GHz #Res BW 100 kHz #VBW 300 kHz* Span 40.00 MHz Sweep 5.00 ms (1001 pts)</p>





6 dB Bandwidth

802.11a_ANT-0	
5845 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.845000000 GHz</p> <p>Occupied Bandwidth: 16.503 MHz</p> <p>Total Power: 24.3 dBm</p> <p>Transmit Freq Error: -1.027 kHz</p> <p>x dB Bandwidth: 16.44 MHz</p>
5865 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.865000000 GHz</p> <p>Occupied Bandwidth: 16.502 MHz</p> <p>Total Power: 23.5 dBm</p> <p>Transmit Freq Error: -482 Hz</p> <p>x dB Bandwidth: 16.44 MHz</p>
5885 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.885000000 GHz</p> <p>Occupied Bandwidth: 16.511 MHz</p> <p>Total Power: 22.8 dBm</p> <p>Transmit Freq Error: 886 Hz</p> <p>x dB Bandwidth: 16.48 MHz</p>

802.11ac VHT20_ANT-0	
5845 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.84500000 GHz</p> <p>Occupied Bandwidth: 17.612 MHz</p> <p>Total Power: 24.2 dBm</p> <p>Transmit Freq Error: -2.279 kHz</p> <p>OBW Power: 99.00 %</p>
5865 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.86500000 GHz</p> <p>Occupied Bandwidth: 17.622 MHz</p> <p>Total Power: 23.4 dBm</p> <p>Transmit Freq Error: -4.887 kHz</p> <p>OBW Power: 99.00 %</p>
5885 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.88500000 GHz</p> <p>Occupied Bandwidth: 17.621 MHz</p> <p>Total Power: 23.3 dBm</p> <p>Transmit Freq Error: -2.753 kHz</p> <p>OBW Power: 99.00 %</p>

802.11ac VHT40_ANT-0	
5835 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.835000000 GHz</p> <p>Center Freq 5.835000000 GHz</p> <p>Trig: Free Run AvgHold: 10/10</p> <p>Radio Std: None</p> <p>#IFGain: Low #Atten: 20 dB Radio Device: BTS</p> <p>Ref Offset 11 dB Ref 20.00 dBm</p> <p>10 dB/div</p> <p>Center 5.835 GHz Span 120 MHz</p> <p>#Res BW 100 kHz #VBW 300 kHz Sweep 11.53 ms</p> <p>Occupied Bandwidth 36.045 MHz</p> <p>Total Power 24.6 dBm</p> <p>Transmit Freq Error -11.951 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 35.88 MHz x dB -6.00 dB</p> <p>Frequency 5.835000000 GHz</p> <p>CF Step 12.000000 MHz</p> <p>Freq Offset 0 Hz</p>
5875 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.875000000 GHz</p> <p>Center Freq 5.875000000 GHz</p> <p>Trig: Free Run AvgHold: 10/10</p> <p>Radio Std: None</p> <p>#IFGain: Low #Atten: 20 dB Radio Device: BTS</p> <p>Ref Offset 11 dB Ref 20.00 dBm</p> <p>10 dB/div</p> <p>Center 5.875 GHz Span 120 MHz</p> <p>#Res BW 100 kHz #VBW 300 kHz Sweep 11.53 ms</p> <p>Occupied Bandwidth 36.065 MHz</p> <p>Total Power 23.8 dBm</p> <p>Transmit Freq Error -27.636 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 35.77 MHz x dB -6.00 dB</p> <p>Frequency 5.875000000 GHz</p> <p>CF Step 12.000000 MHz</p> <p>Freq Offset 0 Hz</p>