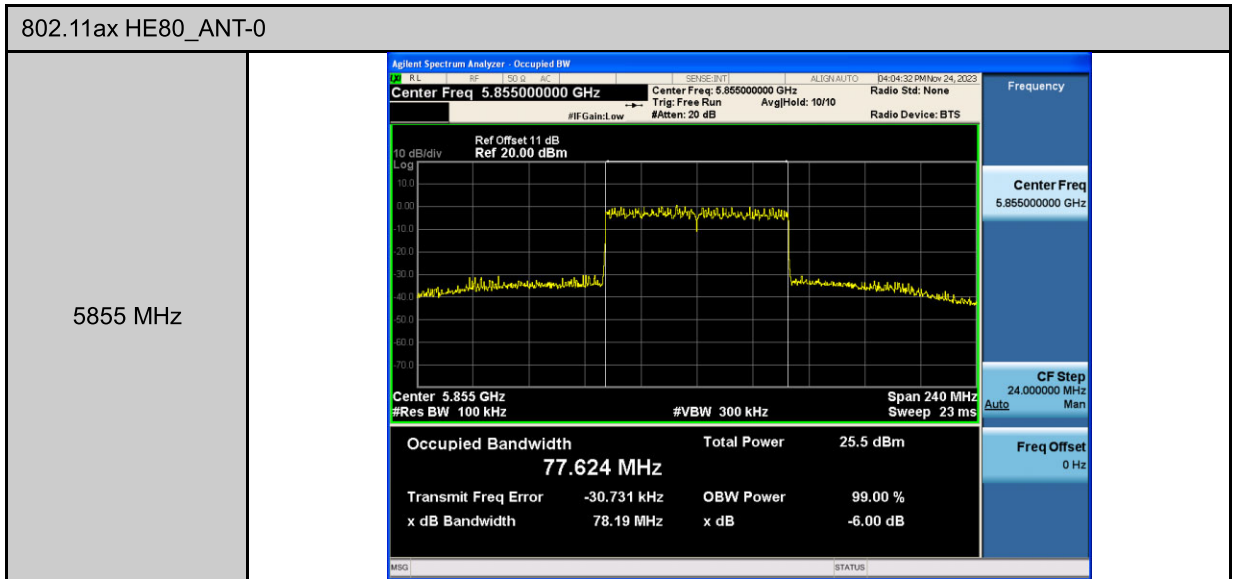


802.11ax HE20_ANT-0	
5845 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.845000000 GHz Center Freq: 5.845000000 GHz Radio Std: None Trig: Free Run Avg/Hold: 10/10 #Atten: 20 dB Radio Device: BTS</p> <p>Ref Offset 11 dB Ref 20.00 dBm</p> <p>Center 5.845 GHz Span 80 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 7.667 ms</p> <p>Occupied Bandwidth 18.741 MHz Total Power 24.8 dBm</p> <p>Transmit Freq Error -13.540 kHz OBW Power 99.00 % x dB Bandwidth 18.30 MHz x dB -6.00 dB</p>
5865 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.865000000 GHz Center Freq: 5.865000000 GHz Radio Std: None Trig: Free Run Avg/Hold: 10/10 #Atten: 20 dB Radio Device: BTS</p> <p>Ref Offset 11 dB Ref 20.00 dBm</p> <p>Center 5.865 GHz Span 80 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 7.667 ms</p> <p>Occupied Bandwidth 18.764 MHz Total Power 24.6 dBm</p> <p>Transmit Freq Error -5.457 kHz OBW Power 99.00 % x dB Bandwidth 18.44 MHz x dB -6.00 dB</p>
5885 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.885000000 GHz Center Freq: 5.885000000 GHz Radio Std: None Trig: Free Run Avg/Hold: 10/10 #Atten: 20 dB Radio Device: BTS</p> <p>Ref Offset 11 dB Ref 20.00 dBm</p> <p>Center 5.885 GHz Span 80 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 7.667 ms</p> <p>Occupied Bandwidth 18.768 MHz Total Power 24.3 dBm</p> <p>Transmit Freq Error -6.590 kHz OBW Power 99.00 % x dB Bandwidth 18.59 MHz x dB -6.00 dB</p>

802.11ax HE40_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 Avg/Hold: 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 37.476 MHz Total Power 25.6 dBm</p> <p>Transmit Freq Error -15.178 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 37.01 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 Avg/Hold: 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 37.488 MHz Total Power 25.1 dBm</p> <p>Transmit Freq Error -7.868 kHz OBW Power 99.00 %</p> <p>x dB Bandwidth 37.25 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>

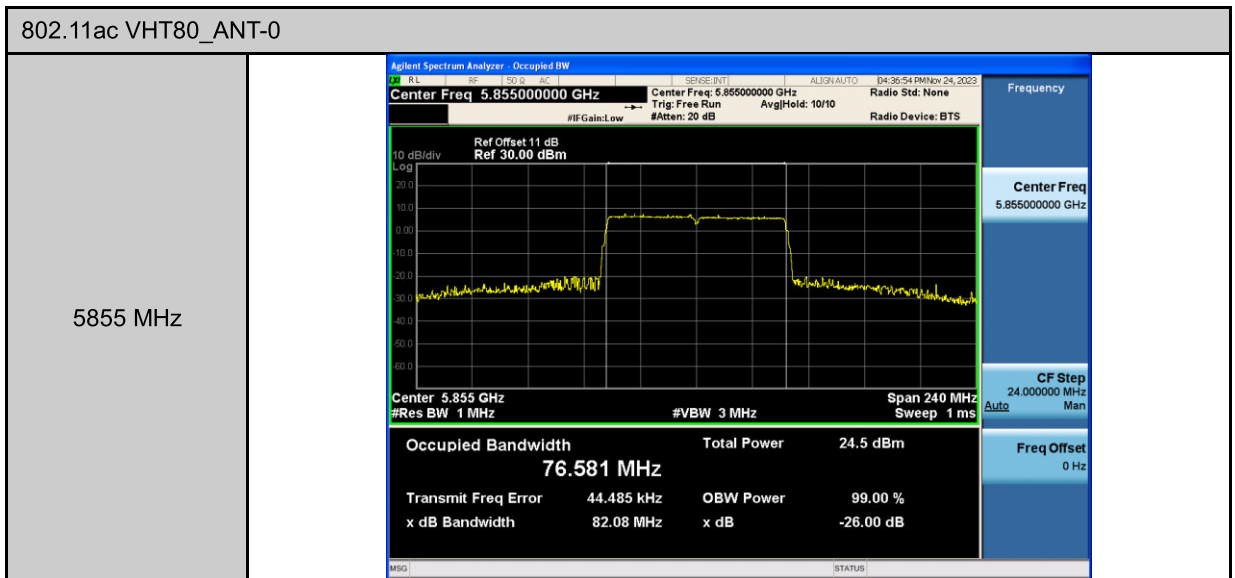


99% Occupied Bandwidth

802.11a_ANT-0	
5845 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.845000000 GHz</p> <p>Occupied Bandwidth: 17.328 MHz</p> <p>Total Power: 24.2 dBm</p> <p>OBW Power: 99.00 %</p> <p>Transmit Freq Error: 49.447 kHz</p> <p>x dB Bandwidth: 20.56 MHz</p>
5865 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.865000000 GHz</p> <p>Occupied Bandwidth: 17.246 MHz</p> <p>Total Power: 23.3 dBm</p> <p>OBW Power: 99.00 %</p> <p>Transmit Freq Error: 41.543 kHz</p> <p>x dB Bandwidth: 20.32 MHz</p>
5885 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.885000000 GHz</p> <p>Occupied Bandwidth: 17.157 MHz</p> <p>Total Power: 23.0 dBm</p> <p>OBW Power: 99.00 %</p> <p>Transmit Freq Error: -293 Hz</p> <p>x dB Bandwidth: 20.14 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: 18.010 MHz</p> <p>Total Power: 23.4 dBm</p> <p>Transmit Freq Error: 28.611 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: 18.035 MHz</p> <p>Total Power: 23.3 dBm</p> <p>Transmit Freq Error: 8.800 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: 18.032 MHz</p> <p>Total Power: 22.8 dBm</p> <p>Transmit Freq Error: 38.142 kHz</p> <p>OBW Power: 99.00 %</p>

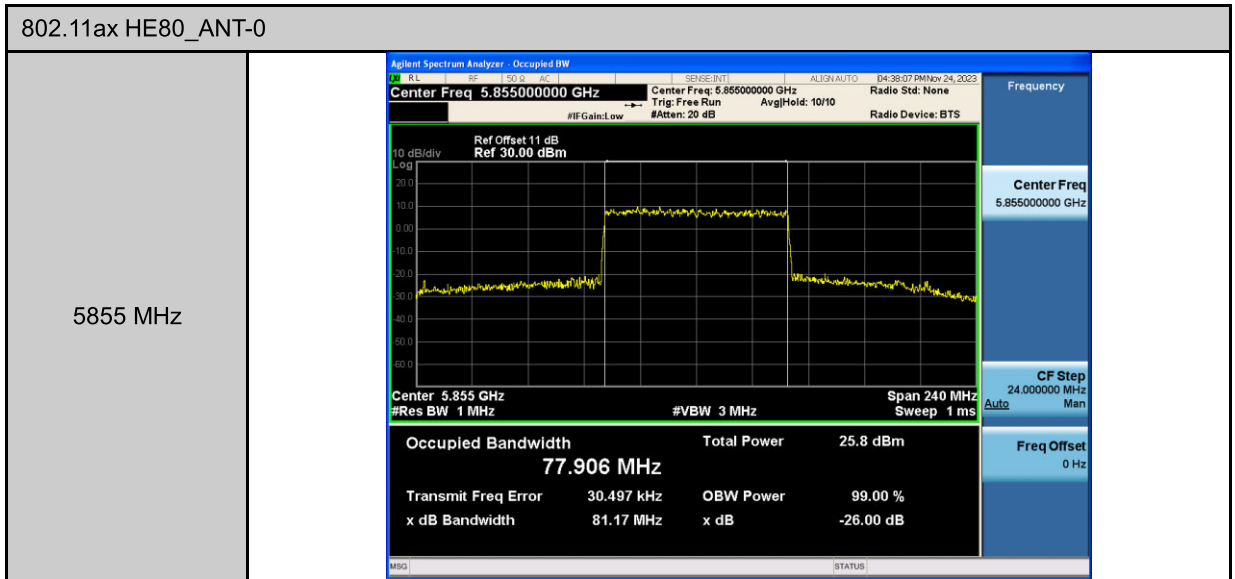
802.11ac VHT40_ANT-0	
5835 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.835000000 GHz Center Freq: 5.835000000 GHz Radio Std: None Trig: Free Run Avg/Hold: 10/10 #IFGain: Low #Atten: 20 dB Radio Device: BTS</p> <p>Ref Offset 11 dB Ref 30.00 dBm</p> <p>Center 5.835 GHz Span 120 MHz #Res BW 1 MHz #VBW 3 MHz Sweep 1 ms</p> <p>Occupied Bandwidth 36.687 MHz Total Power 24.9 dBm Transmit Freq Error 24.677 kHz OBW Power 99.00 % x dB Bandwidth 46.99 MHz x dB -26.00 dB</p> <p>Frequency: Center Freq 5.835000000 GHz CF Step 12.000000 MHz Freq Offset 0 Hz</p>
5875 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.875000000 GHz Center Freq: 5.875000000 GHz Radio Std: None Trig: Free Run Avg/Hold: 10/10 #IFGain: Low #Atten: 20 dB Radio Device: BTS</p> <p>Ref Offset 11 dB Ref 30.00 dBm</p> <p>Center 5.875 GHz Span 120 MHz #Res BW 1 MHz #VBW 3 MHz Sweep 1 ms</p> <p>Occupied Bandwidth 36.675 MHz Total Power 24.2 dBm Transmit Freq Error 5.555 kHz OBW Power 99.00 % x dB Bandwidth 46.52 MHz x dB -26.00 dB</p> <p>Frequency: Center Freq 5.875000000 GHz CF Step 12.000000 MHz Freq Offset 0 Hz</p>





802.11ax HE20_ANT-0	
5845 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.84500000 GHz</p> <p>Occupied Bandwidth: 18.932 MHz</p> <p>Total Power: 25.7 dBm</p> <p>Transmit Freq Error: 13.985 kHz</p> <p>x dB Bandwidth: 20.99 MHz</p> <p>OBW Power: 99.00 %</p> <p>x dB: -26.00 dB</p>
5865 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.86500000 GHz</p> <p>Occupied Bandwidth: 18.933 MHz</p> <p>Total Power: 25.4 dBm</p> <p>Transmit Freq Error: 2.593 kHz</p> <p>x dB Bandwidth: 20.89 MHz</p> <p>OBW Power: 99.00 %</p> <p>x dB: -26.00 dB</p>
5885 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.88500000 GHz</p> <p>Occupied Bandwidth: 18.936 MHz</p> <p>Total Power: 25.3 dBm</p> <p>Transmit Freq Error: 20.967 kHz</p> <p>x dB Bandwidth: 20.82 MHz</p> <p>OBW Power: 99.00 %</p> <p>x dB: -26.00 dB</p>

802.11ax HE40_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</p> <p>Avg/Hold: 10/10</p> <p>Radio Std: None</p> <p>#IFGain: Low</p> <p>#Atten: 20 dB</p> <p>Radio Device: BTS</p> <p>Ref Offset 11 dB</p> <p>Ref 30.00 dBm</p> <p>10 dB/div</p> <p>Center 5.835 GHz</p> <p>#Res BW 1 MHz</p> <p>#VBW 3 MHz</p> <p>Span 120 MHz</p> <p>Sweep 1 ms</p> <p>Occupied Bandwidth: 37.790 MHz</p> <p>Total Power: 26.2 dBm</p> <p>Transmit Freq Error: 1.877 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 41.18 MHz</p> <p>x dB: -26.00 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</p> <p>Avg/Hold: 10/10</p> <p>Radio Std: None</p> <p>#IFGain: Low</p> <p>#Atten: 20 dB</p> <p>Radio Device: BTS</p> <p>Ref Offset 11 dB</p> <p>Ref 30.00 dBm</p> <p>10 dB/div</p> <p>Center 5.875 GHz</p> <p>#Res BW 1 MHz</p> <p>#VBW 3 MHz</p> <p>Span 120 MHz</p> <p>Sweep 1 ms</p> <p>Occupied Bandwidth: 37.846 MHz</p> <p>Total Power: 25.9 dBm</p> <p>Transmit Freq Error: 55.467 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 41.99 MHz</p> <p>x dB: -26.00 dB</p> <p>Frequency: 5.875000000 GHz</p> <p>CF Step: 12.000000 MHz</p> <p>Freq Offset: 0 Hz</p>



Partial RU

Maximum Power Spectral Density

