

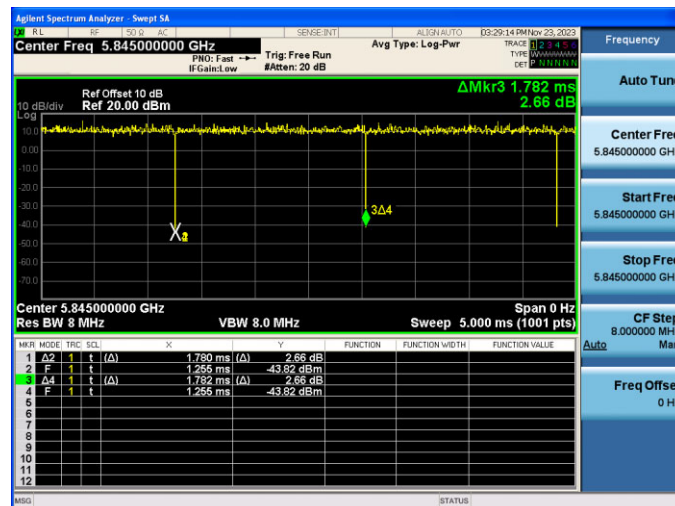
Appendix B. Test Plots

Full RU

Duty Cycle

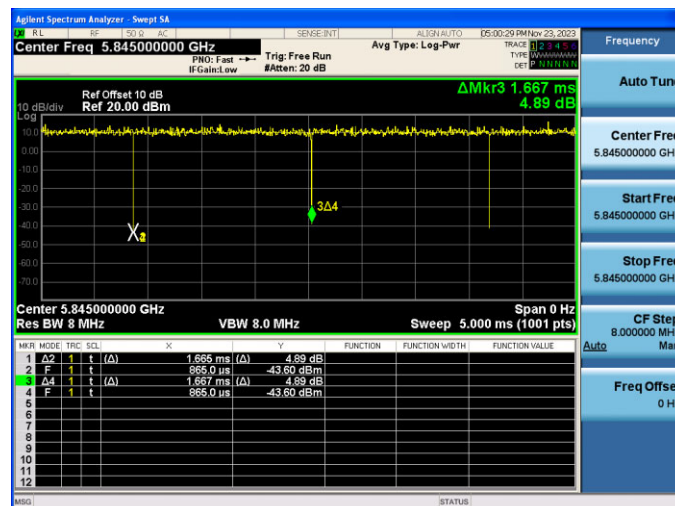
802.11a

On+off time



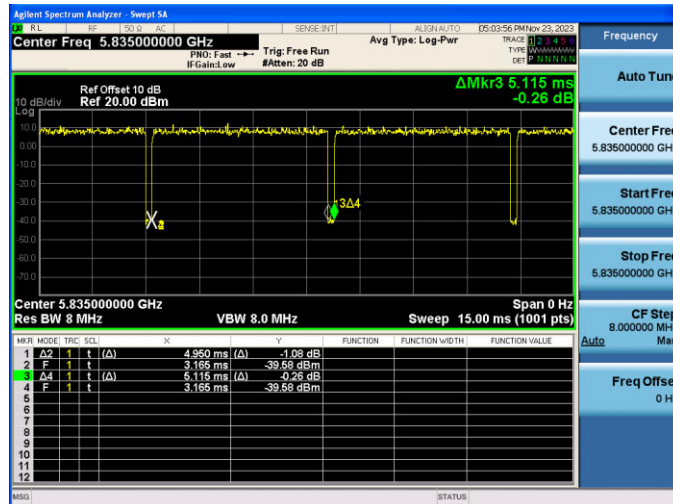
802.11n HT20

On+off time



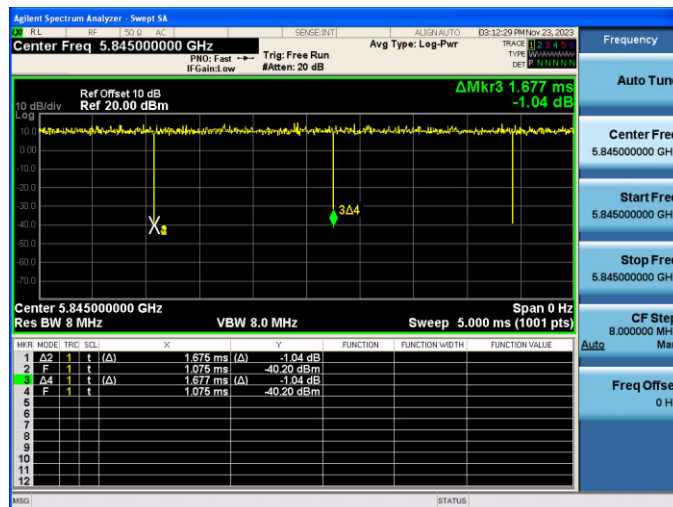
802.11n HT40

On+off time



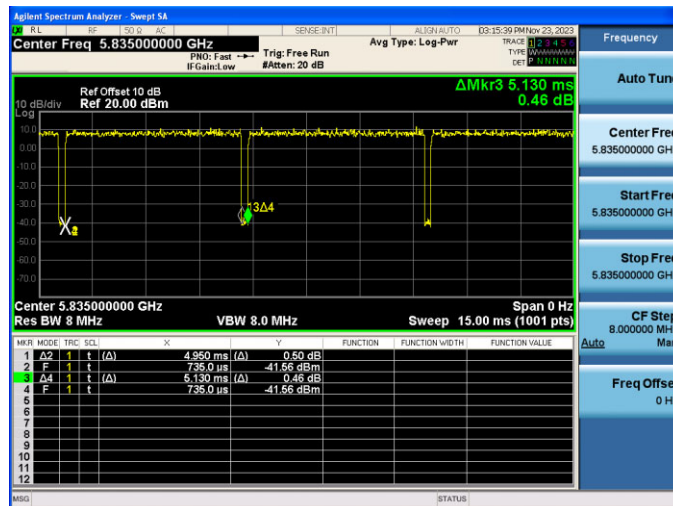
802.11ac VHT20

On+off time



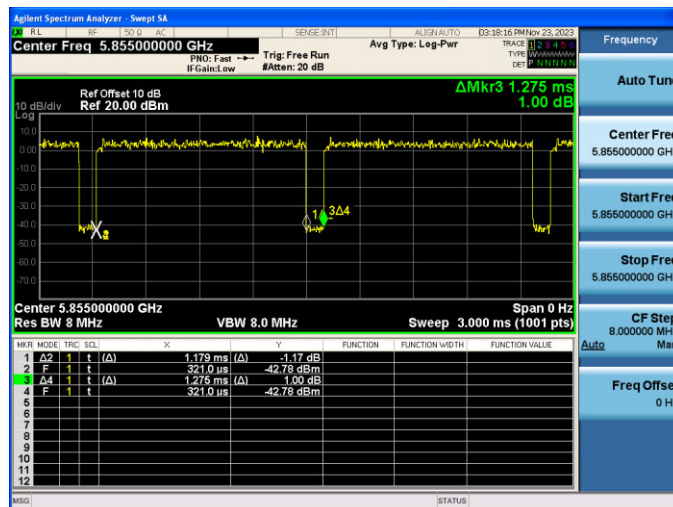
802.11ac VHT40

On+off time



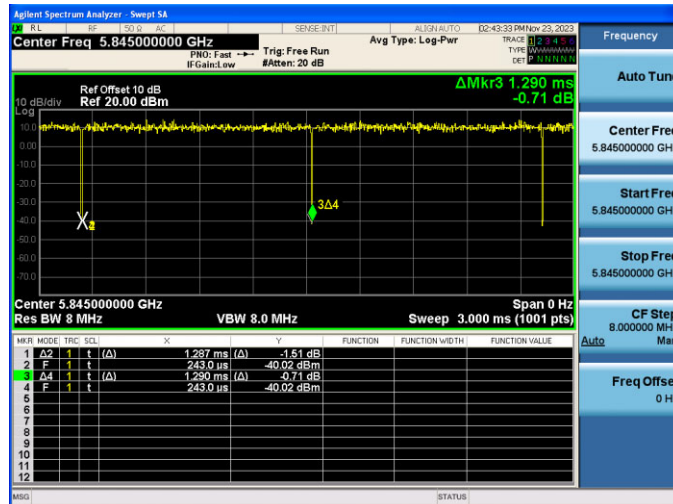
802.11ac VHT80

On+off time



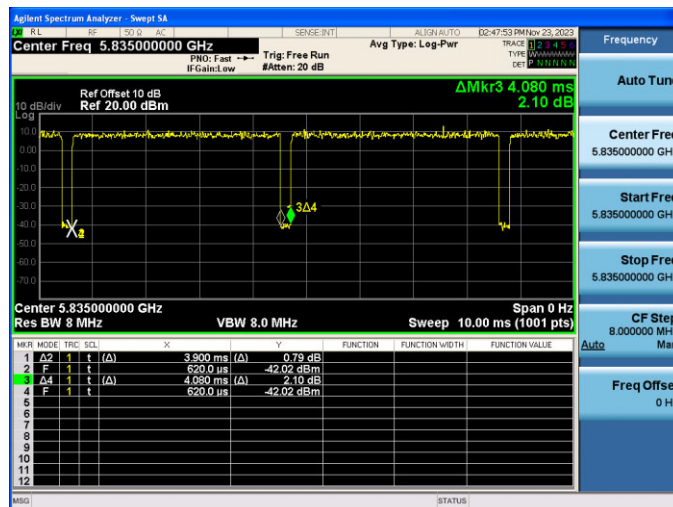
802.11ax HE20

On+off time



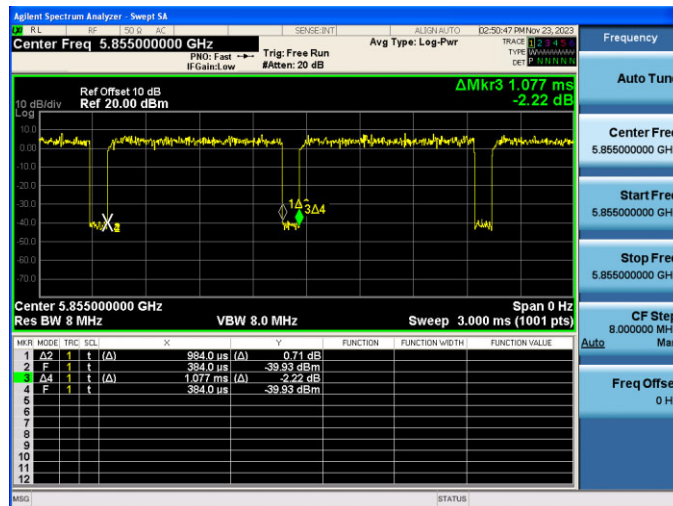
802.11ax HE40

On+off time



802.11ax HE80

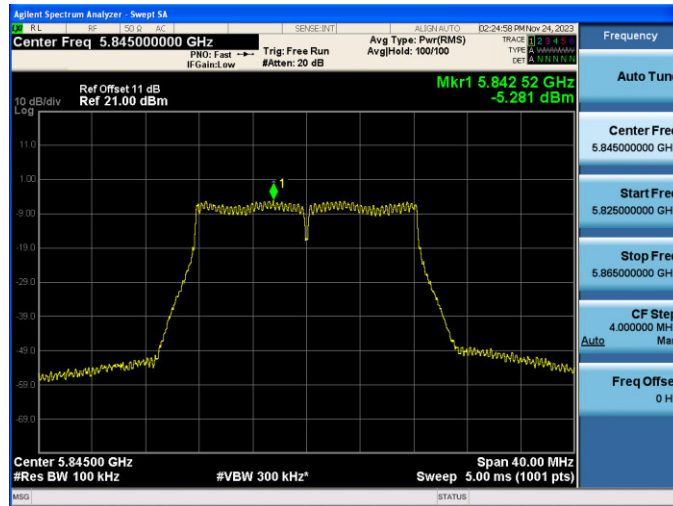
On+off time



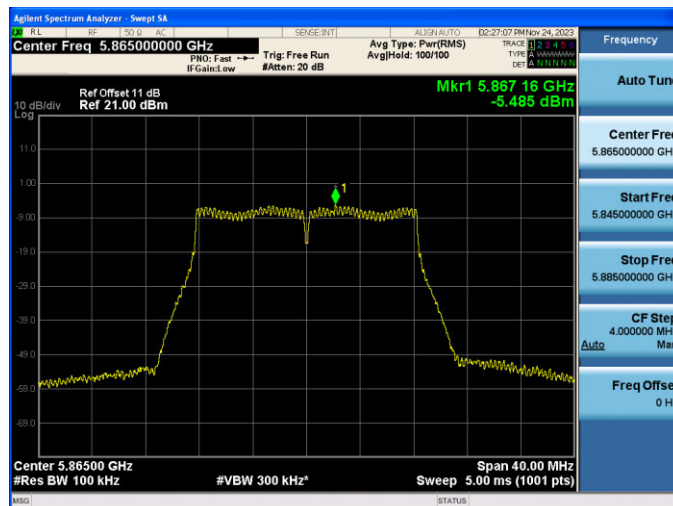
Maximum Power Spectral Density

802.11a_ANT-0

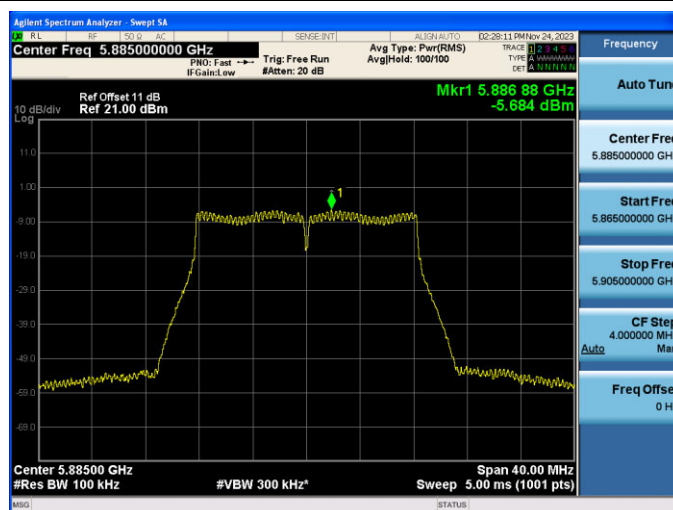
5845 MHz



5865 MHz

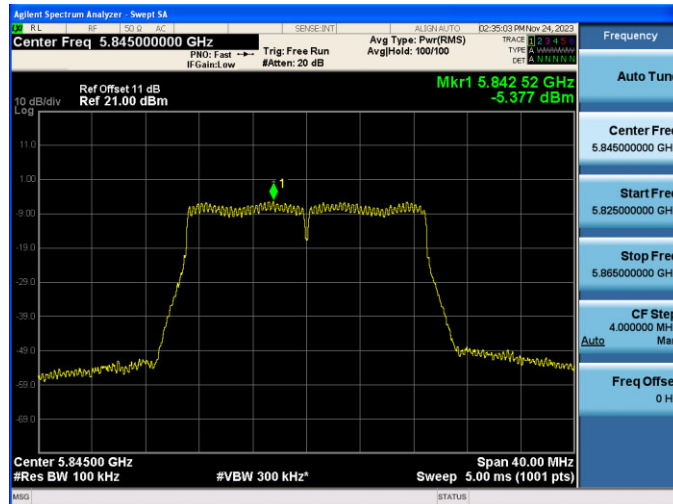


5885 MHz

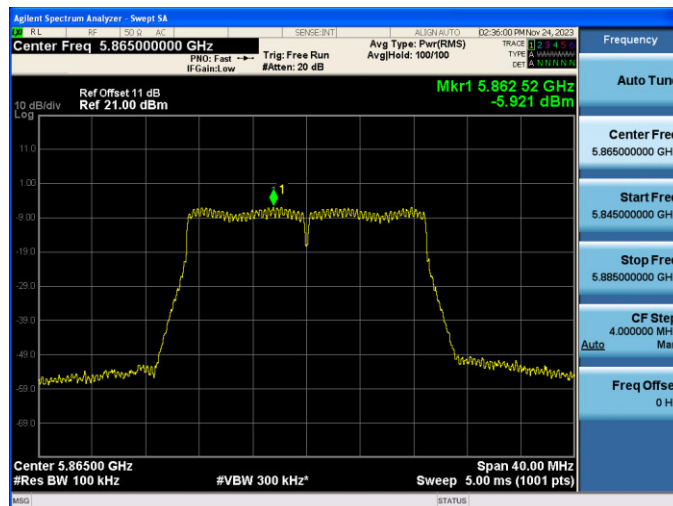


802.11ac VHT20_ANT-0

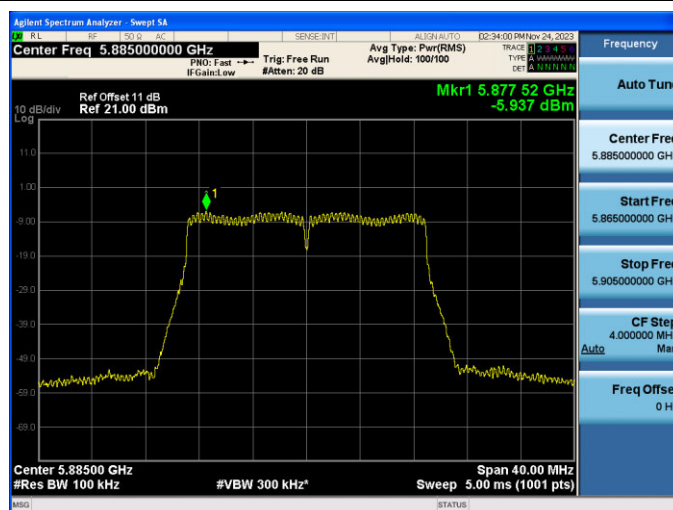
5845 MHz



5865 MHz

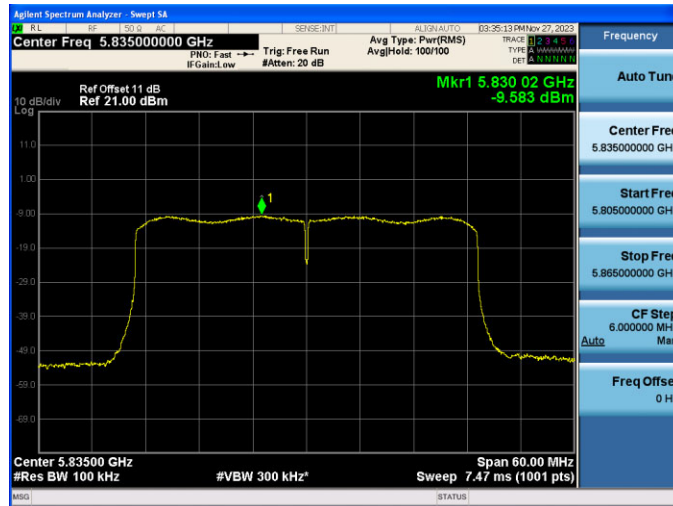


5885 MHz

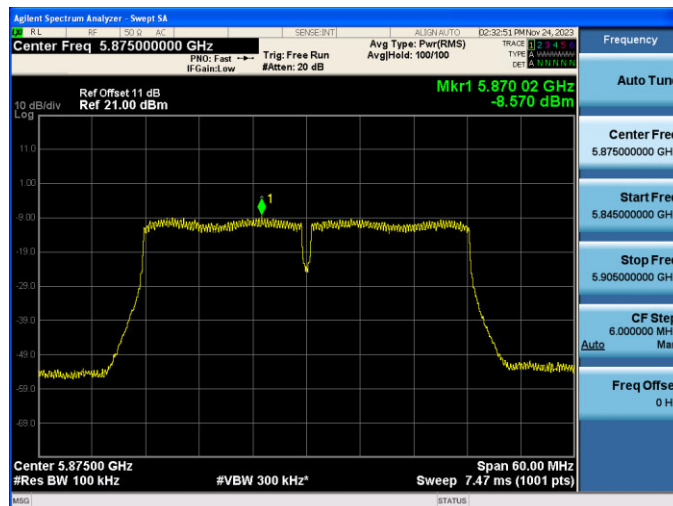


802.11ac VHT40_ANT-0

5835 MHz

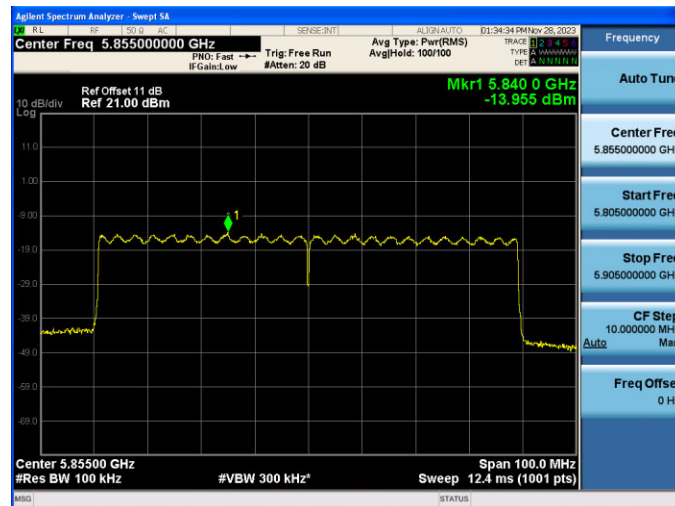


5875 MHz



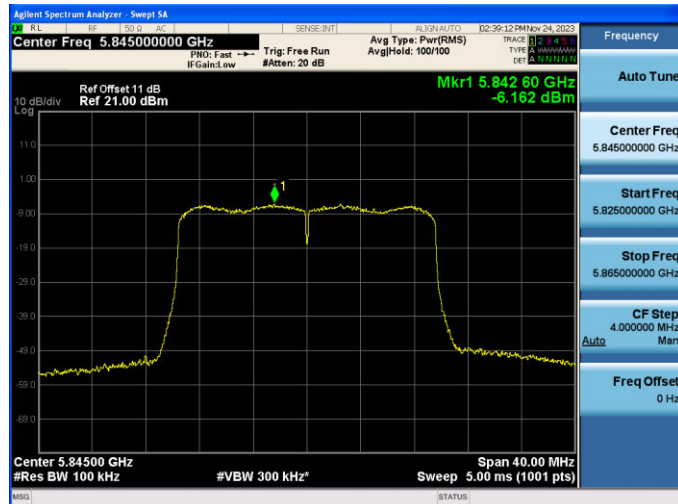
802.11ac VHT80_ANT-0

5855 MHz

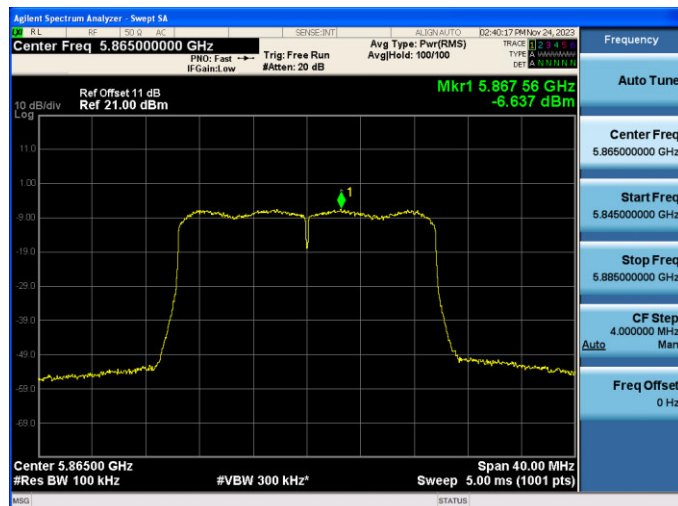


802.11ax HE20_ANT-0

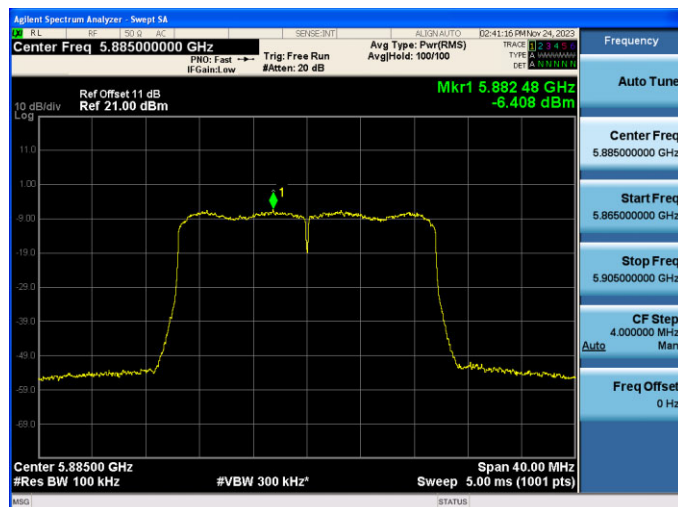
5845 MHz



5865 MHz

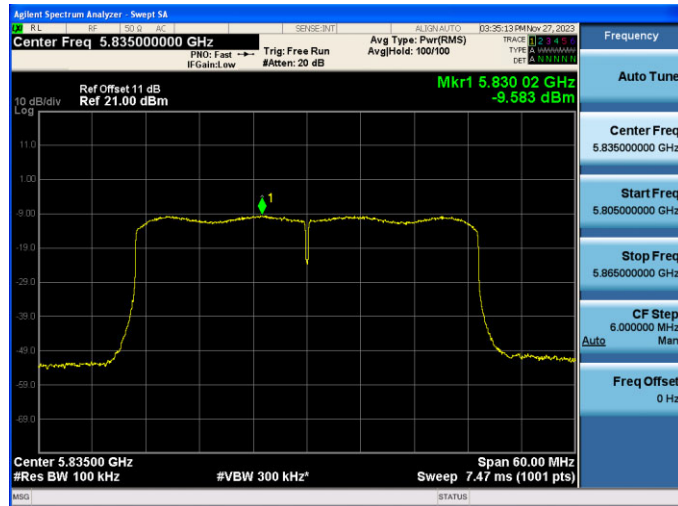


5885 MHz

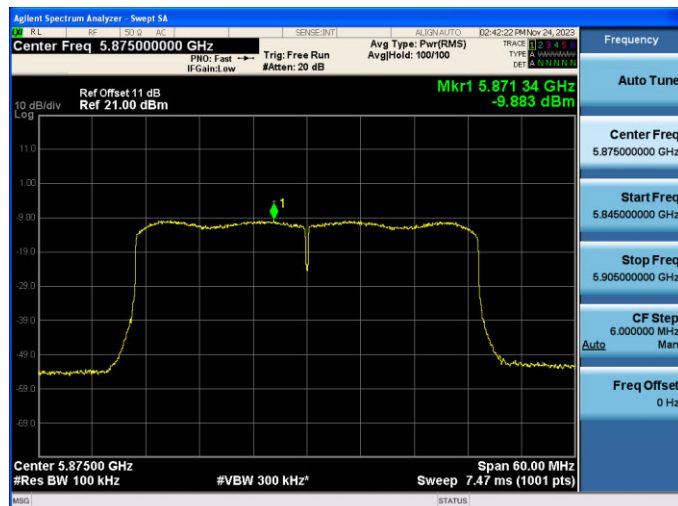


802.11ax HE40_ANT-0

5835 MHz

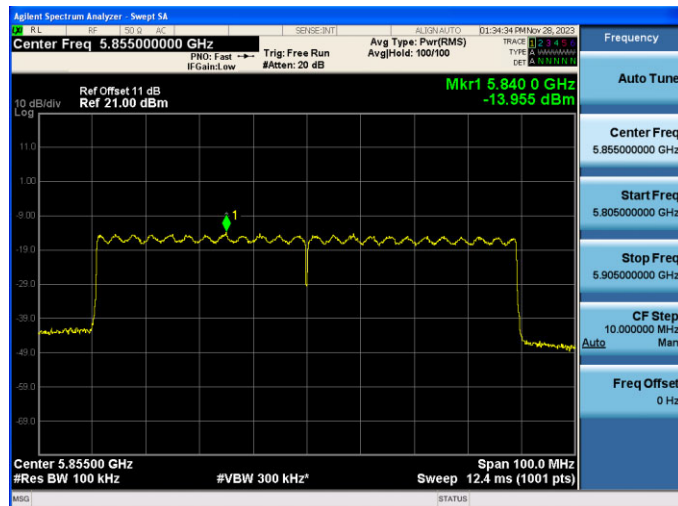


5875 MHz



802.11ax HE80_ANT-0

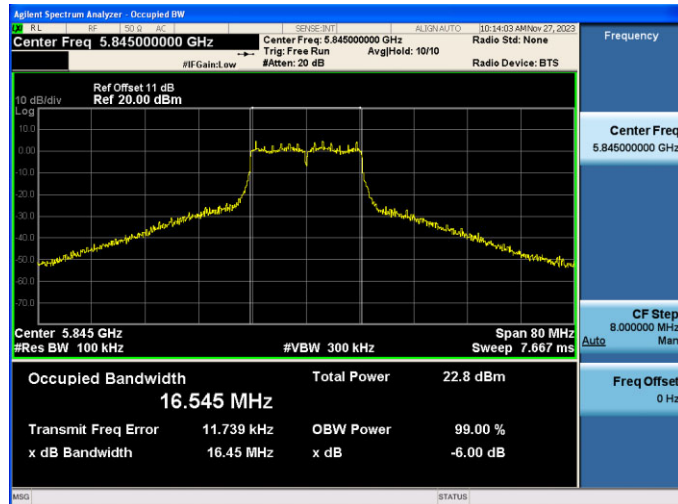
5855 MHz



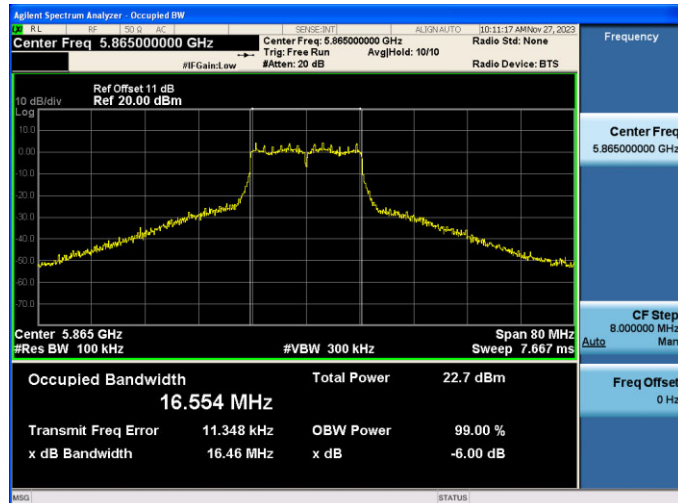
6 dB Bandwidth

802.11a_ANT-0

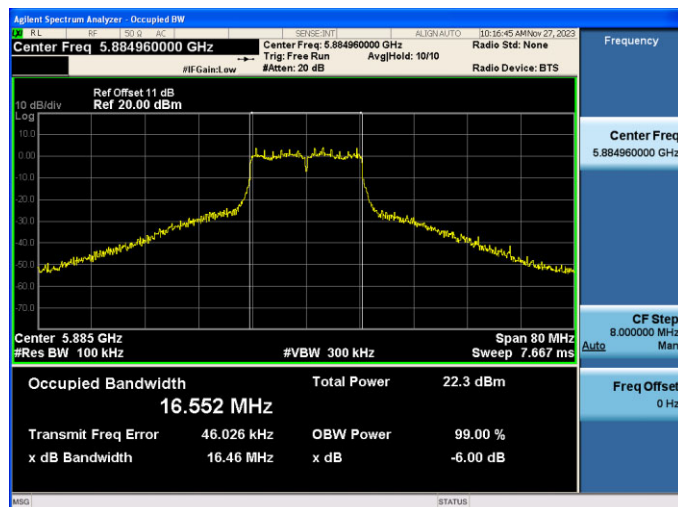
5845 MHz



5865 MHz

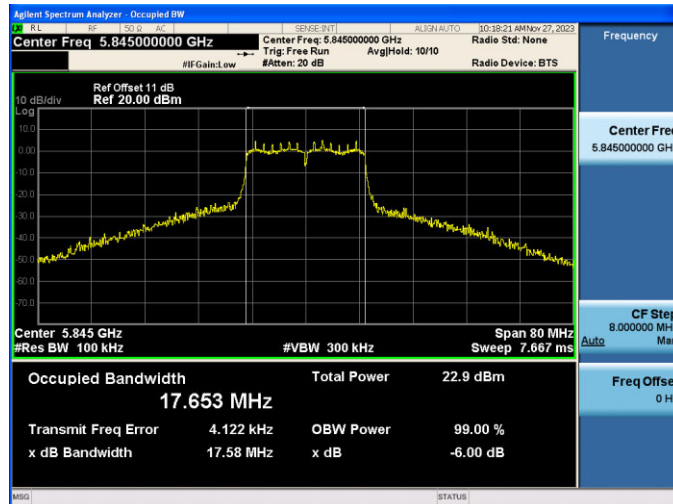


5885 MHz

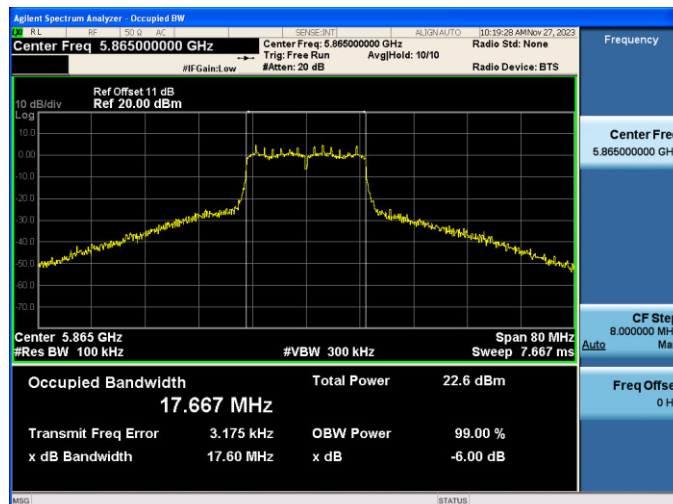


802.11ac VHT20_ANT-0

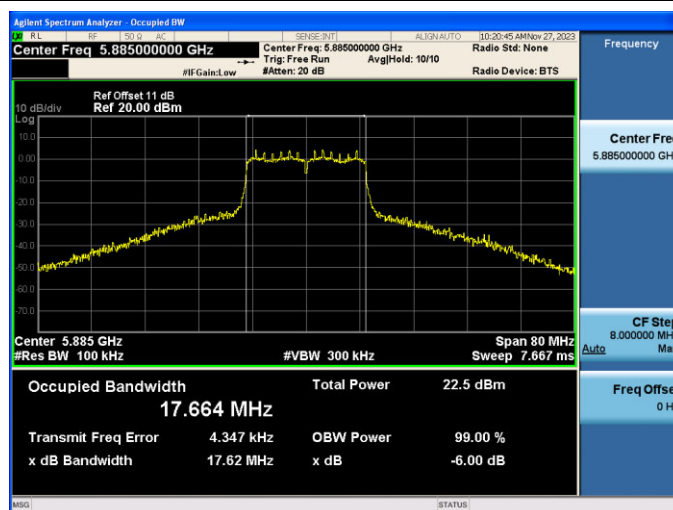
5845 MHz



5865 MHz

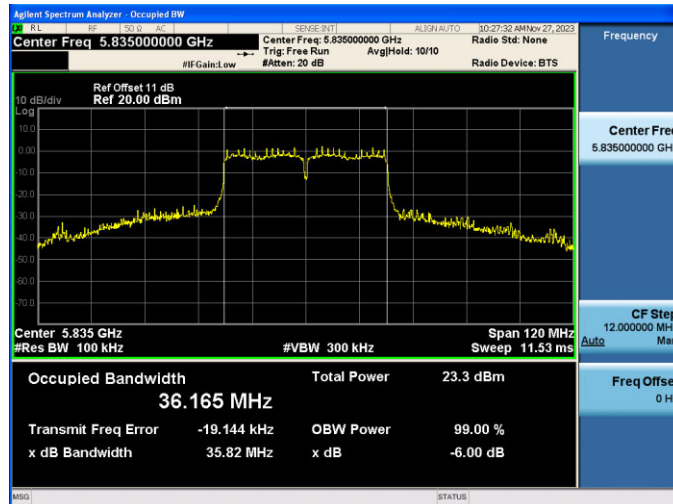


5885 MHz

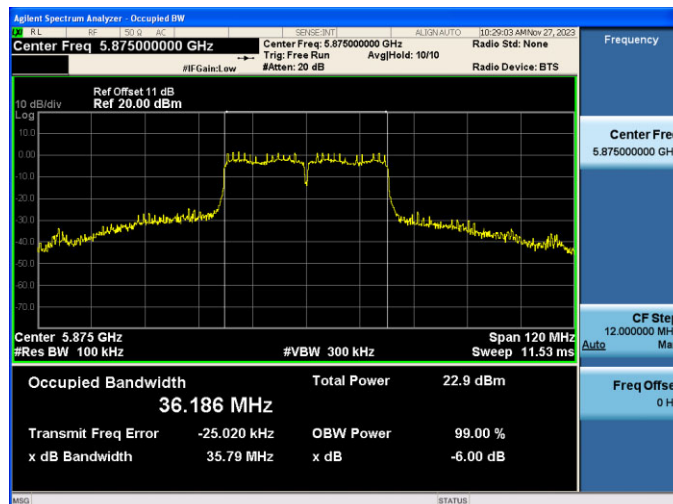


802.11ac VHT40_ANT-0

5835 MHz

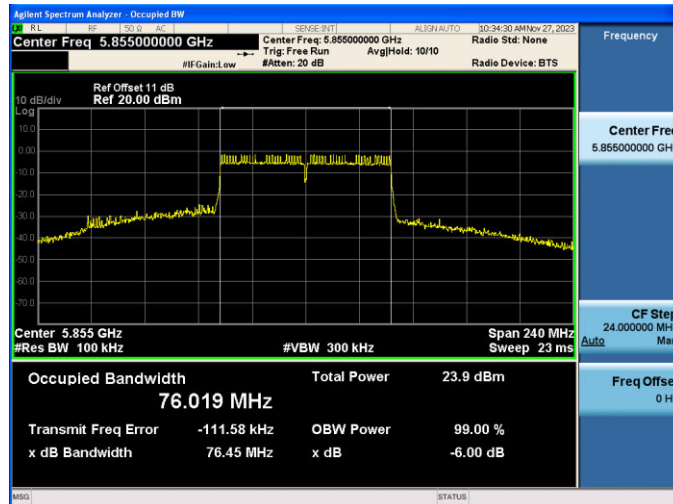


5875 MHz



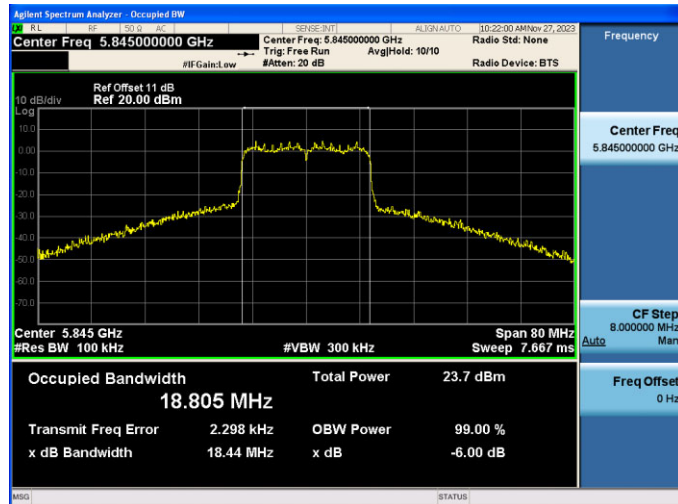
802.11ac VHT80_ANT-0

5855 MHz

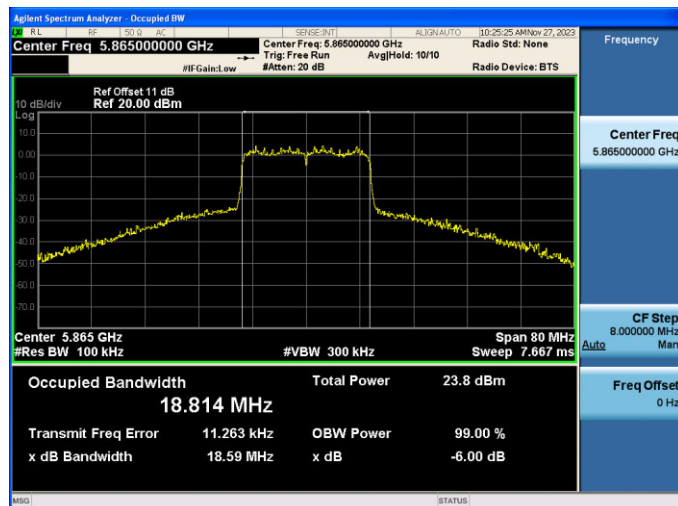


802.11ax HE20_ANT-0

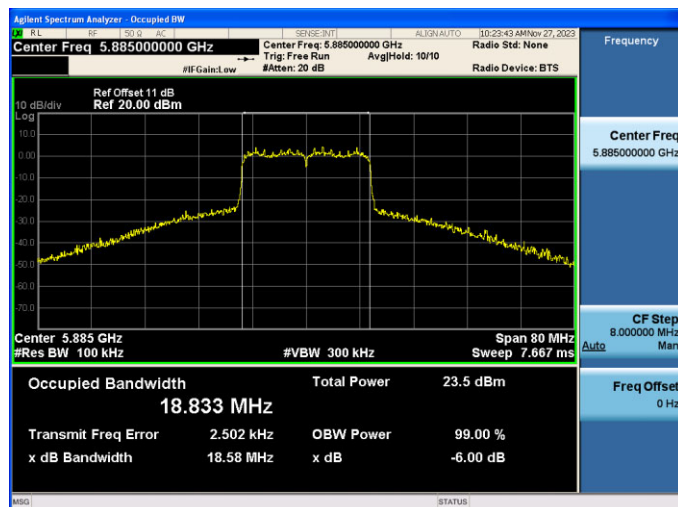
5845 MHz



5865 MHz

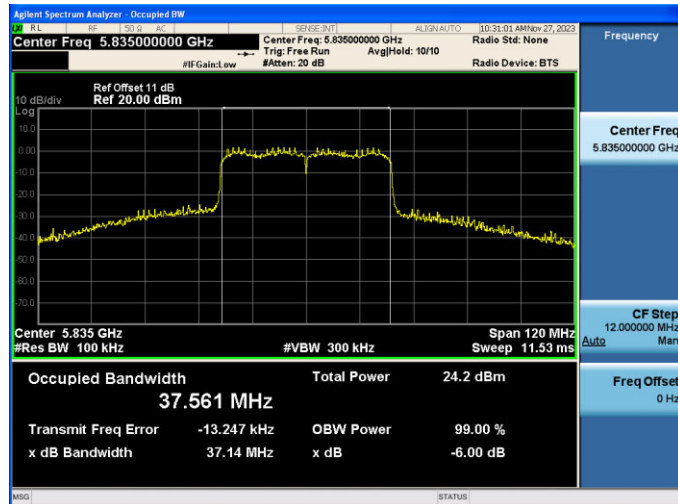


5885 MHz

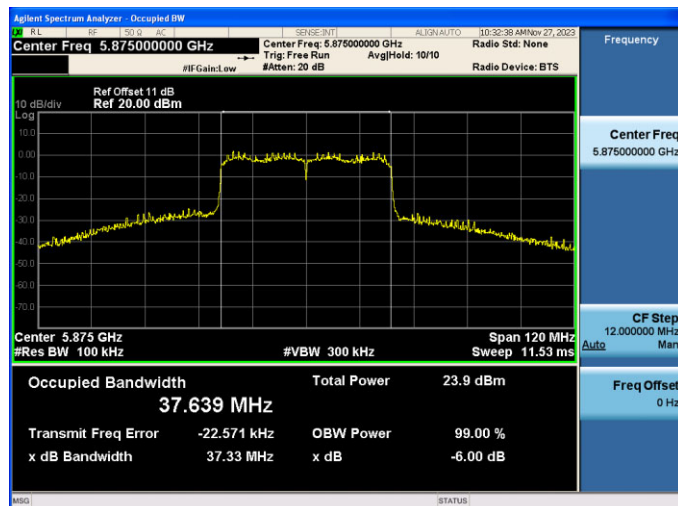


802.11ax HE40_ANT-0

5835 MHz

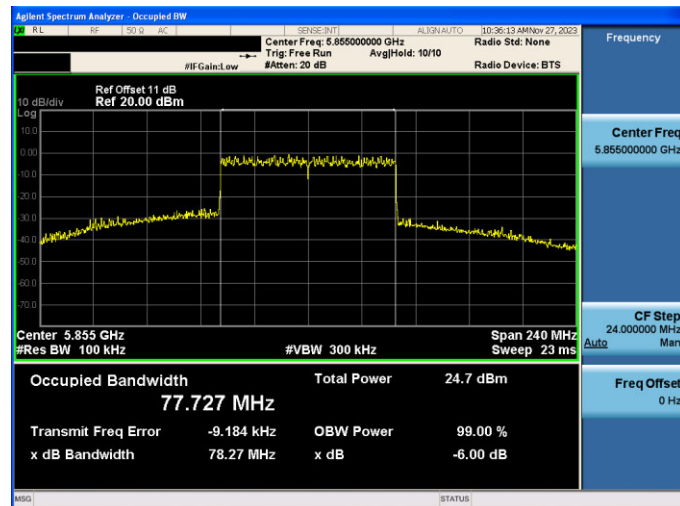


5875 MHz



802.11ax HE80_ANT-0

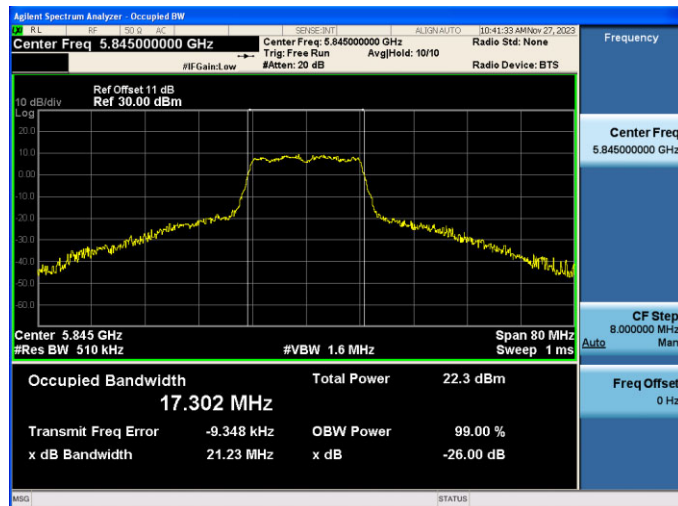
5855 MHz



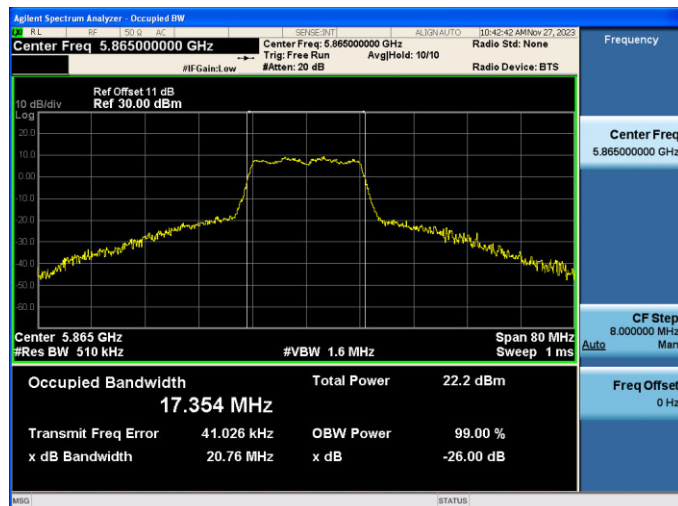
99% Occupied Bandwidth

802.11a_ANT-0

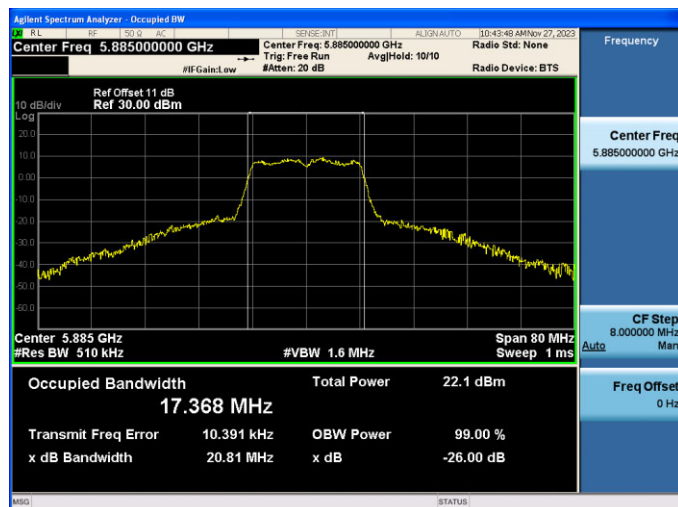
5845 MHz



5865 MHz

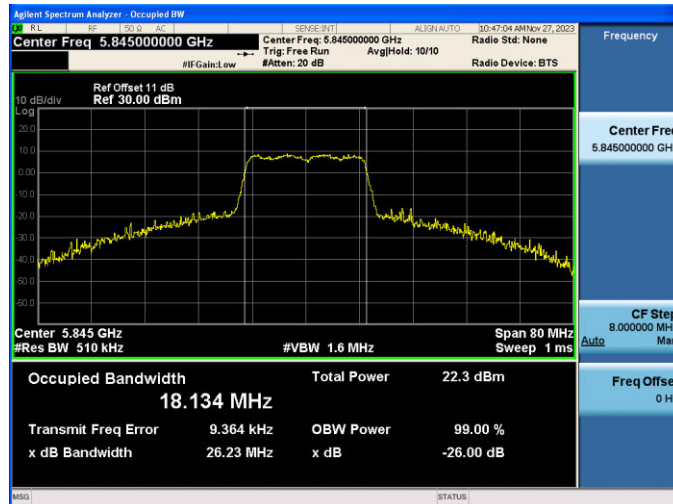


5885 MHz

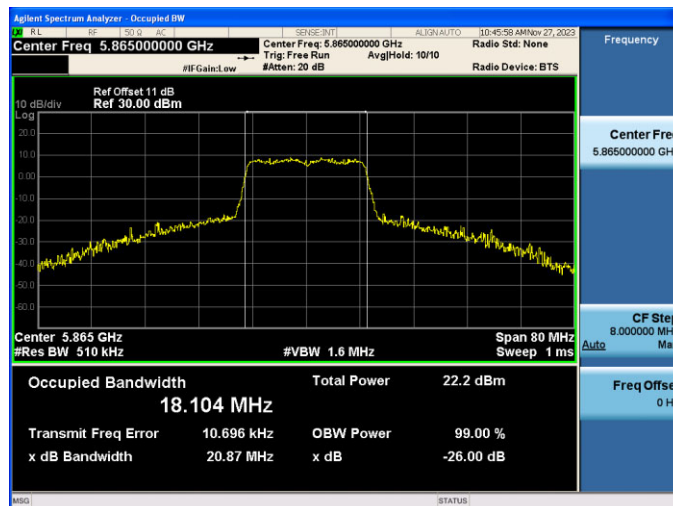


802.11ac VHT20_ANT-0

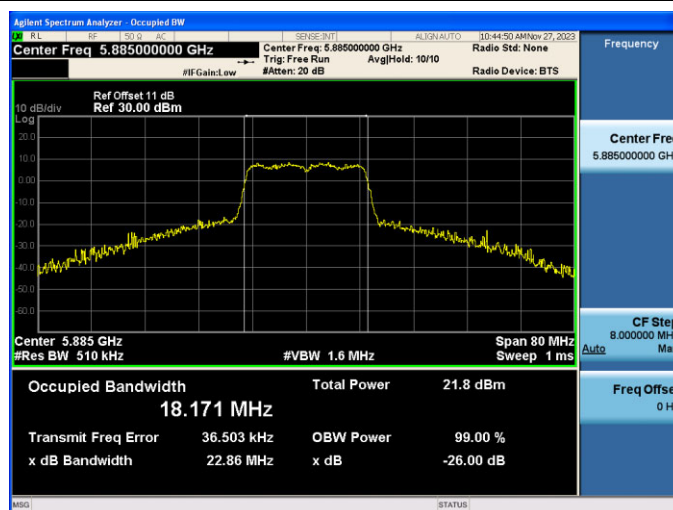
5845 MHz



5865 MHz

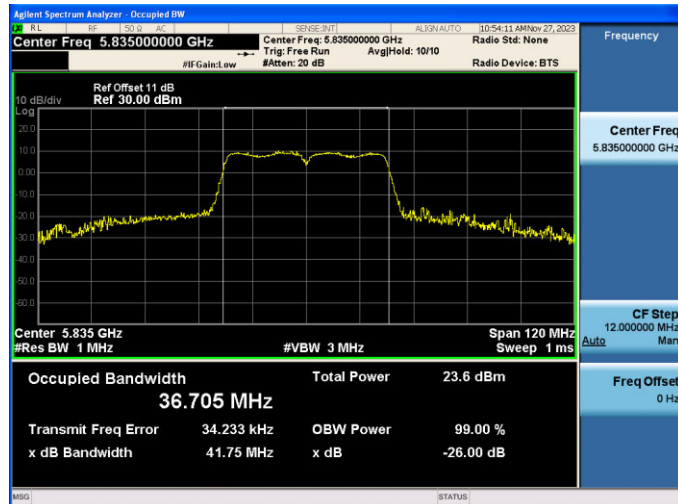


5885 MHz

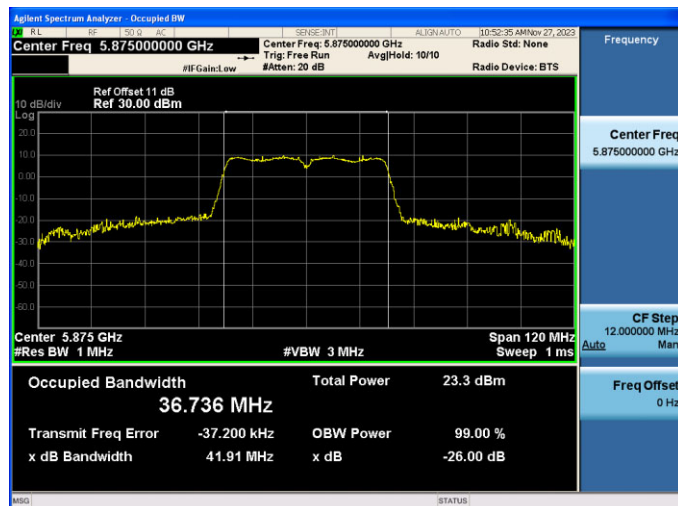


802.11ac VHT40_ANT-0

5835 MHz

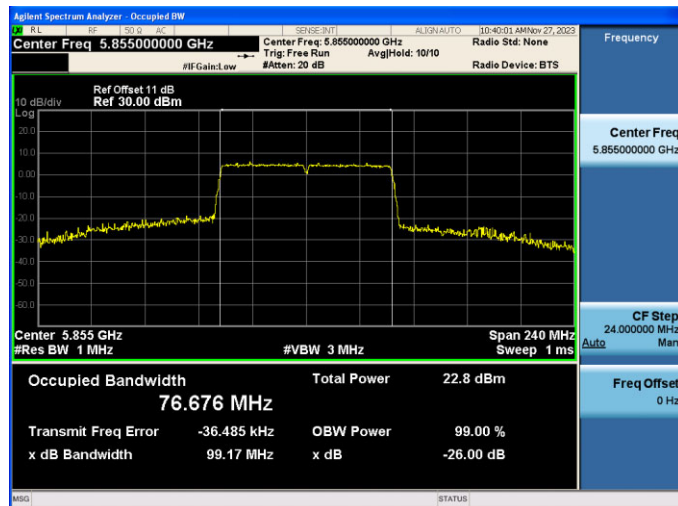


5875 MHz



802.11ac VHT80_ANT-0

5855 MHz

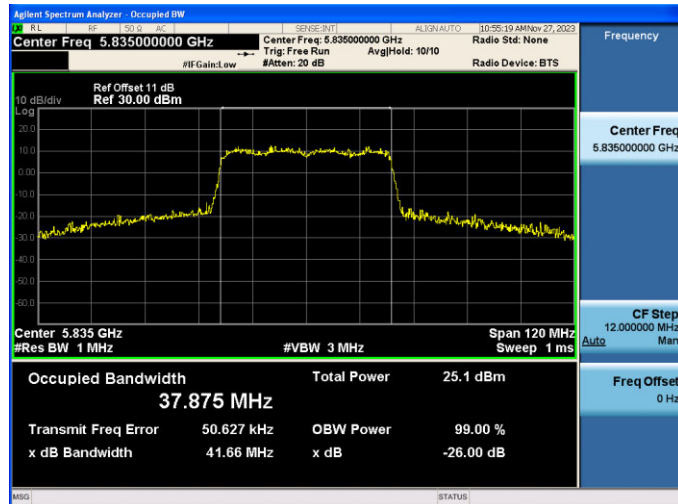


802.11ax HE20_ANT-0

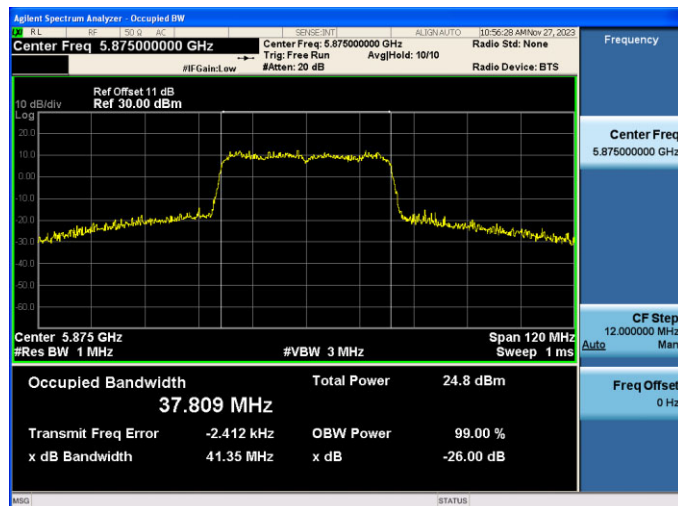
<p>5845 MHz</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.845000000 GHz</p> <p>Center Freq: 5.845000000 GHz</p> <p>Span 80 MHz</p> <p>Res BW 510 kHz</p> <p>Occupied Bandwidth 18.942 MHz</p> <p>Total Power 24.3 dBm</p> <p>Transmit Freq Error 38.733 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 20.85 MHz</p> <p>x dB -26.00 dB</p>
<p>5865 MHz</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.865000000 GHz</p> <p>Center Freq: 5.865000000 GHz</p> <p>Span 80 MHz</p> <p>Res BW 510 kHz</p> <p>Occupied Bandwidth 18.951 MHz</p> <p>Total Power 24.5 dBm</p> <p>Transmit Freq Error 48.944 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 21.13 MHz</p> <p>x dB -26.00 dB</p>
<p>5885 MHz</p>	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq 5.885000000 GHz</p> <p>Center Freq: 5.885000000 GHz</p> <p>Span 80 MHz</p> <p>Res BW 510 kHz</p> <p>Occupied Bandwidth 18.944 MHz</p> <p>Total Power 24.3 dBm</p> <p>Transmit Freq Error 17.491 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 21.01 MHz</p> <p>x dB -26.00 dB</p>

802.11ax HE40_ANT-0

5835 MHz

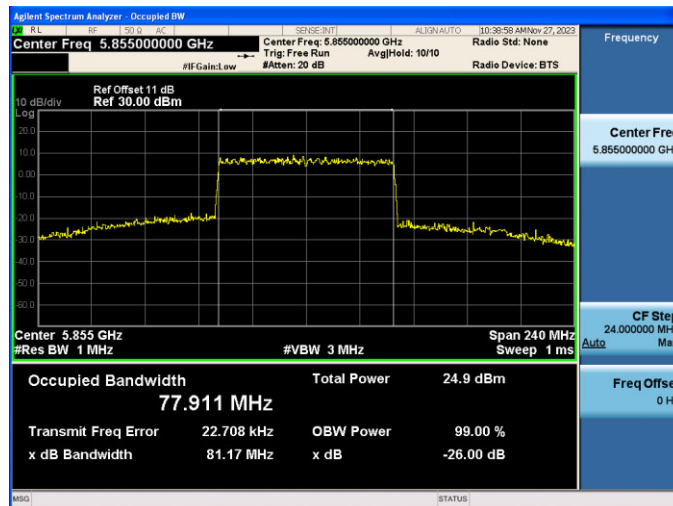


5875 MHz



802.11ax HE80_ANT-0

5855 MHz

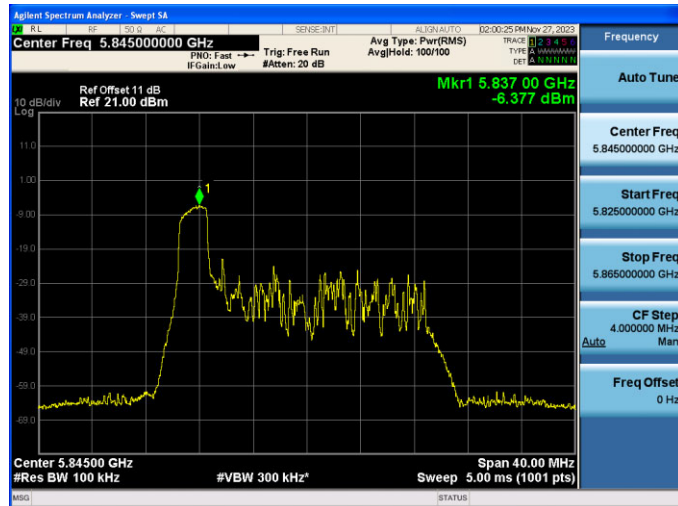


Partial RU

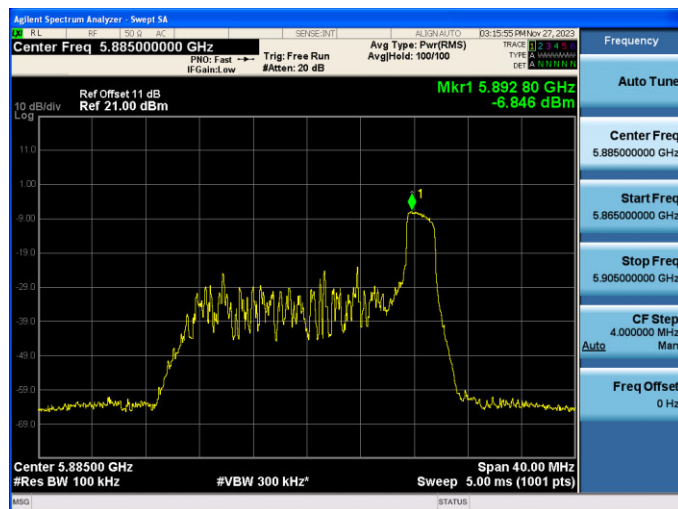
Maximum Power Spectral Density

802.11ax HE20_ANT-0

5845 MHz

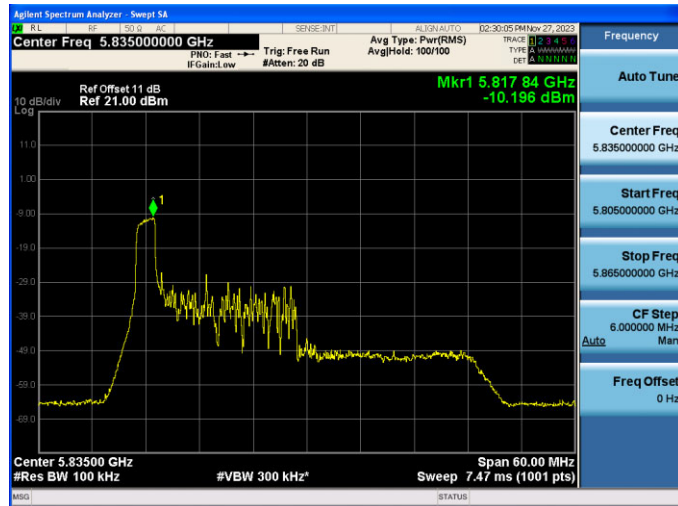


5885 MHz

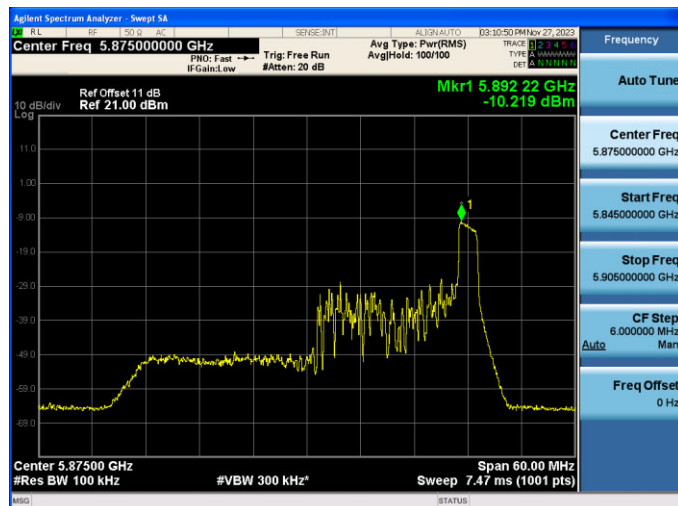


802.11ax HE40_ANT-0

5835 MHz

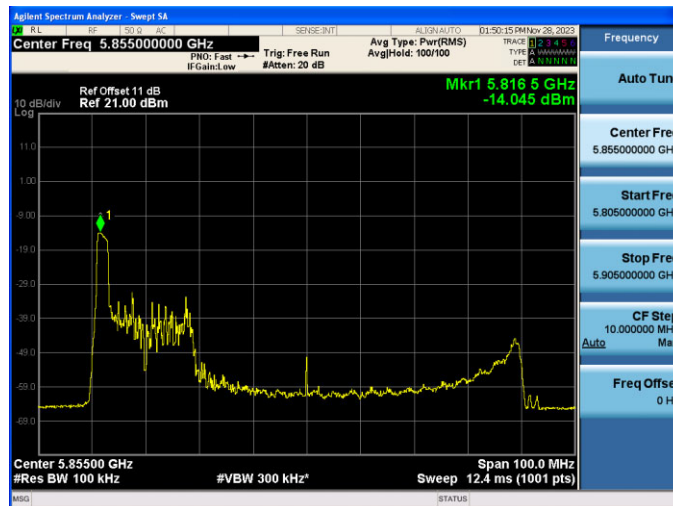


5875 MHz



802.11ax HE80_ANT-0

5855 MHz_
26@0



5855 MHz_
26@36

