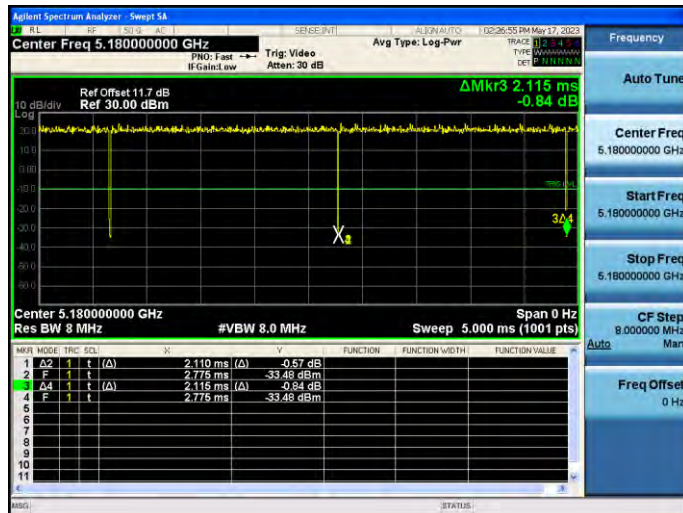


Appendix B. Test Plots

Duty Cycle

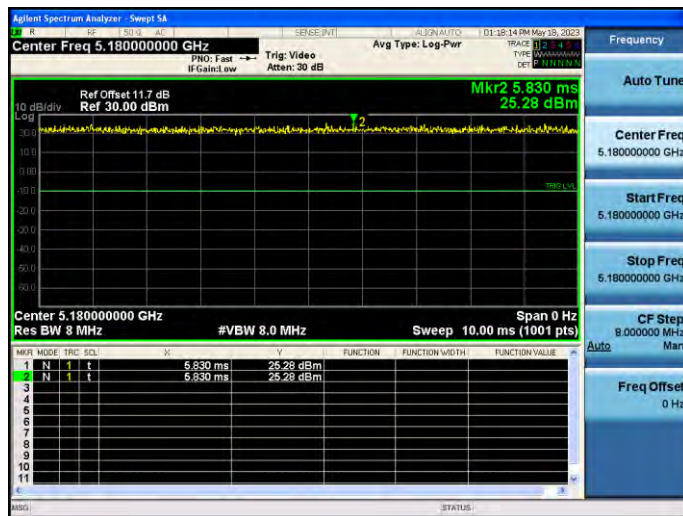
802.11a

On+off time



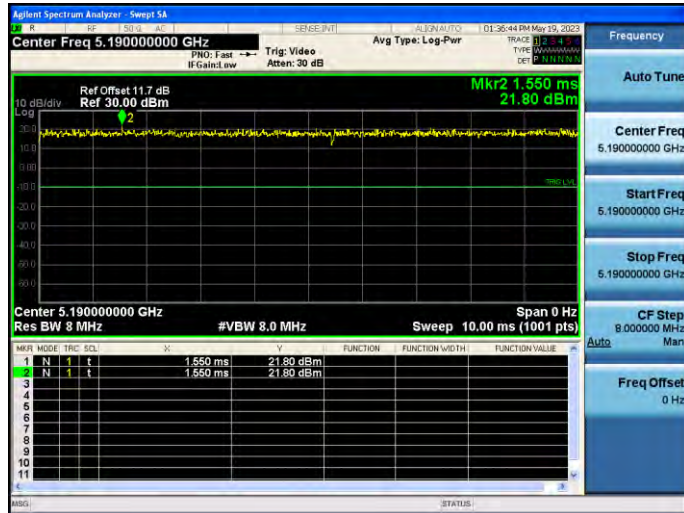
802.11n HT20

On+off time



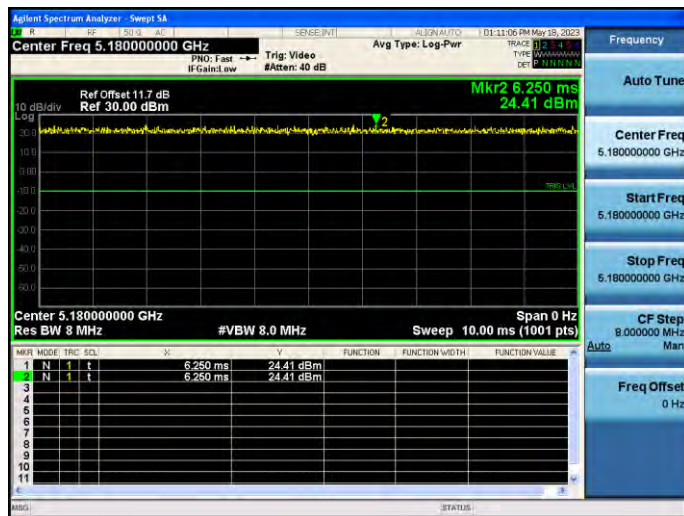
802.11n HT40

On+off time



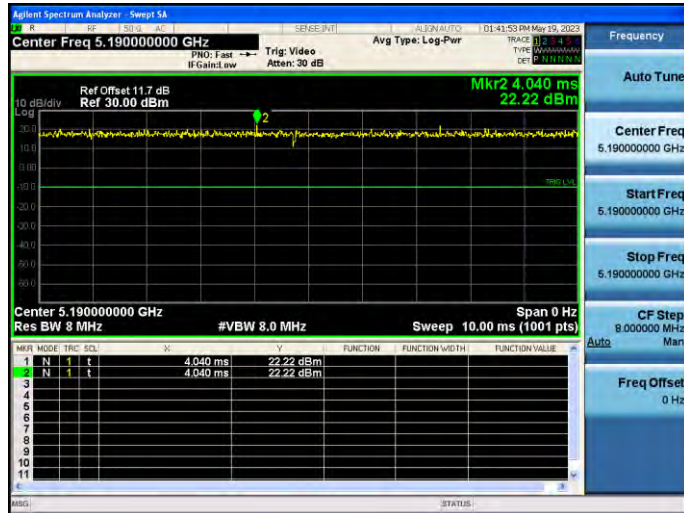
802.11ac VHT20

On+off time



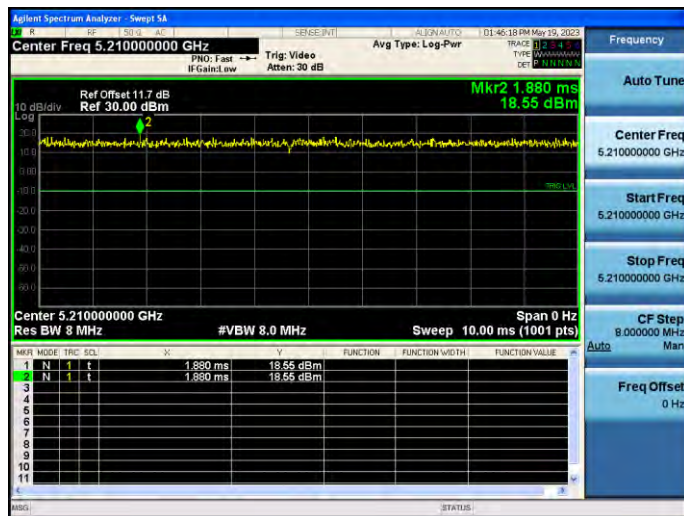
802.11ac VHT40

On+off time



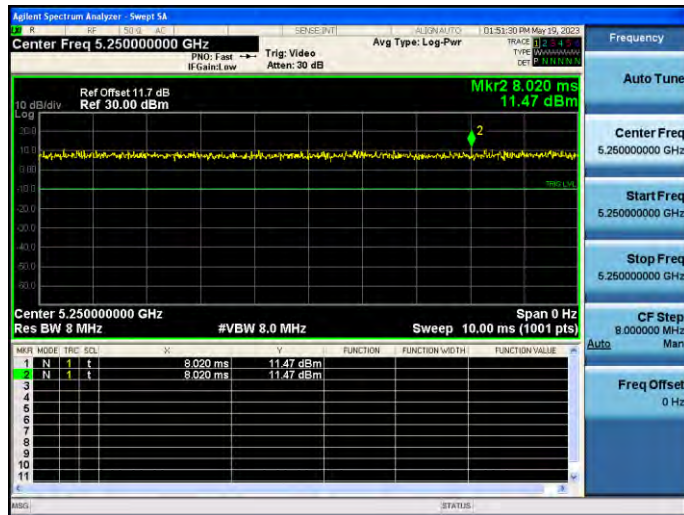
802.11ac VHT80

On+off time



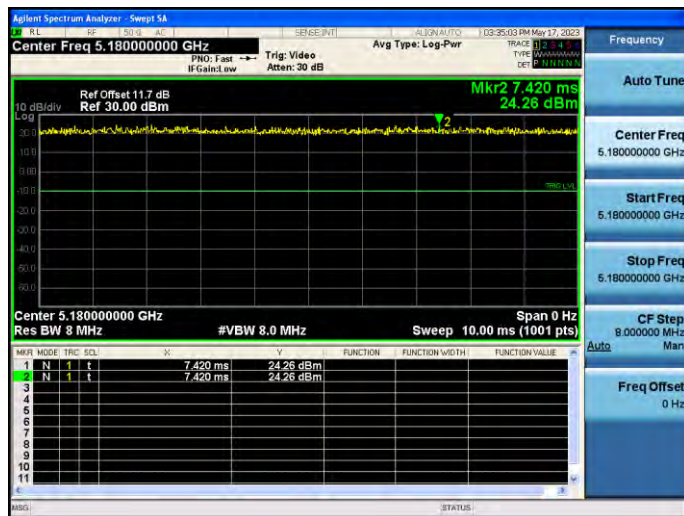
802.11ac VHT160

On+off time



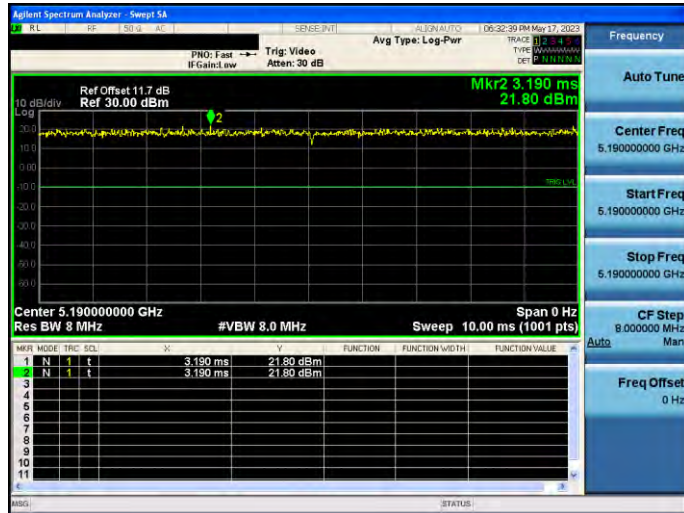
802.11ax HE20

On+off time



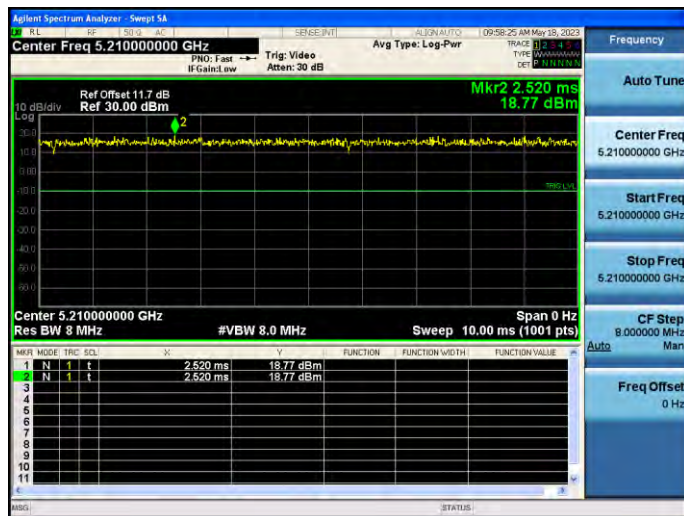
802.11ax HE40

On+off time



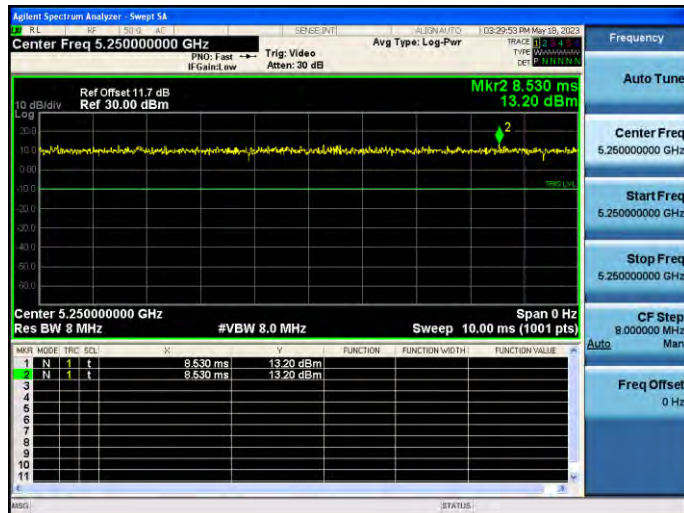
802.11ax HE80

On+off time



802.11ax HE160

On+off time



Maximum Power Spectral Density

802.11a_ANT-0

5180 MHz



5200 MHz



5240 MHz

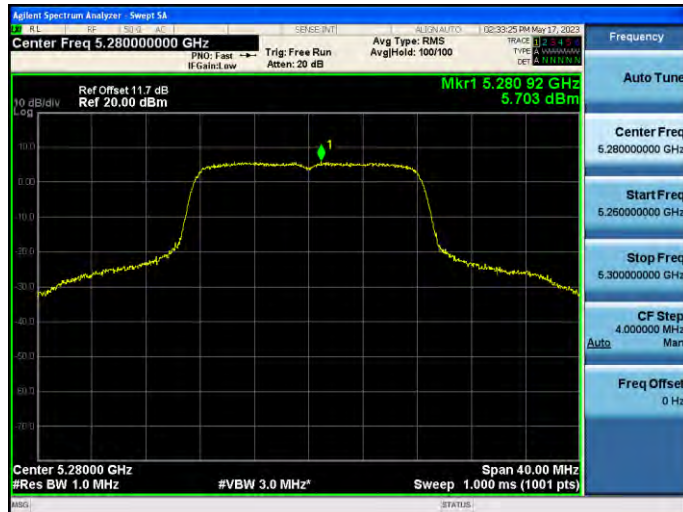


802.11a_ANT-0

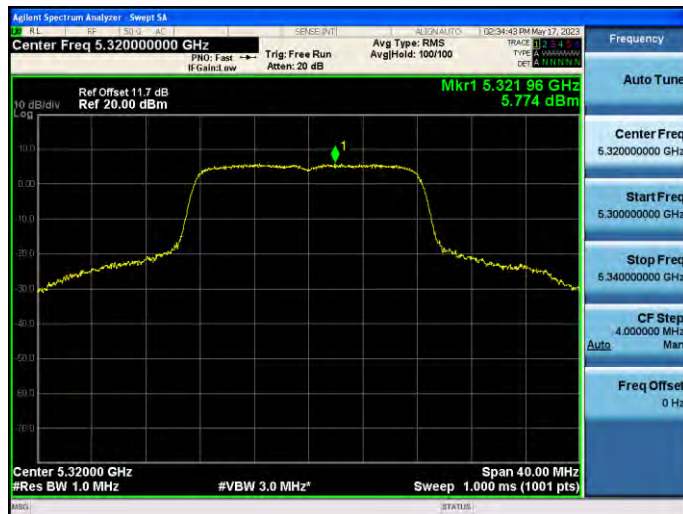
5260 MHz



5280 MHz



5320 MHz



802.11a_ANT-0

5500 MHz



5560 MHz



5700 MHz

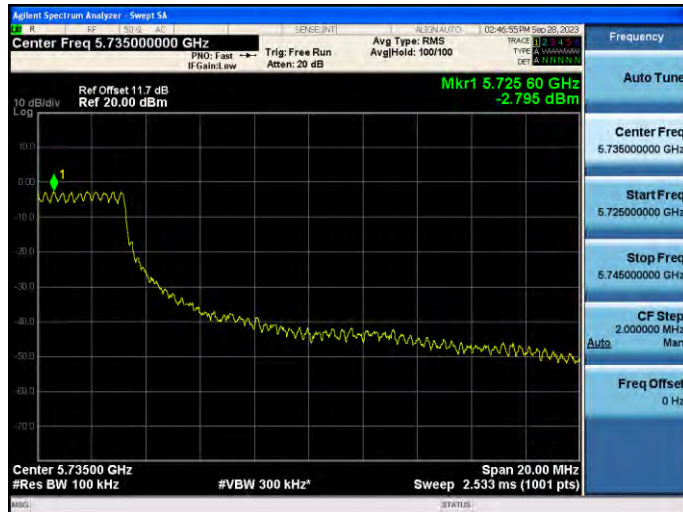


802.11a_ANT-0

5720 MHz

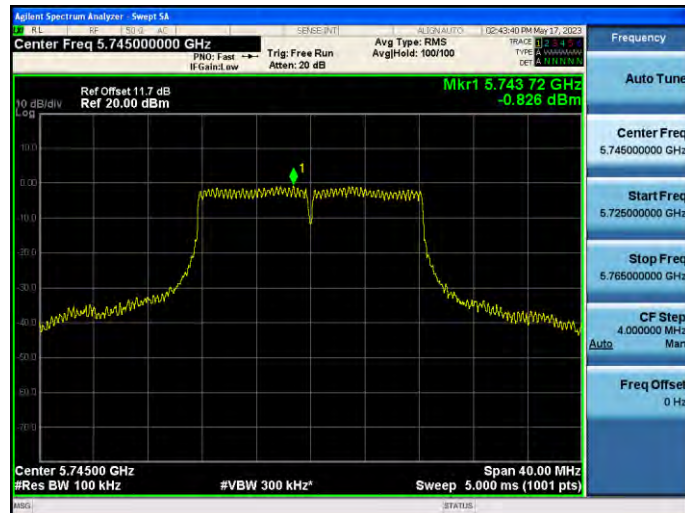


5720 MHz

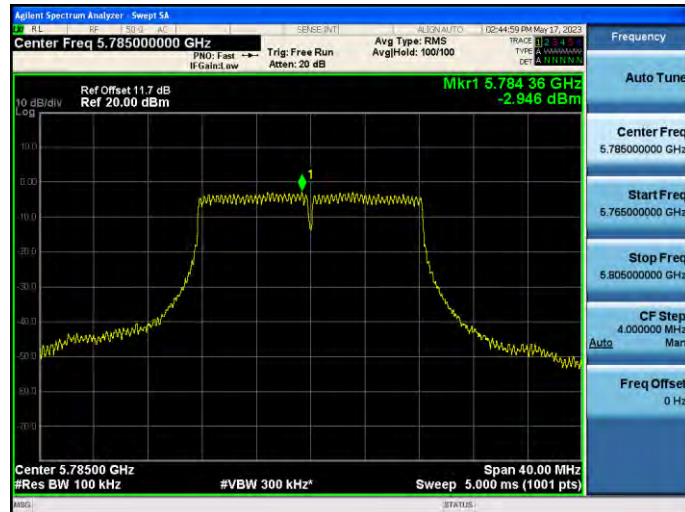


802.11a_ANT-0

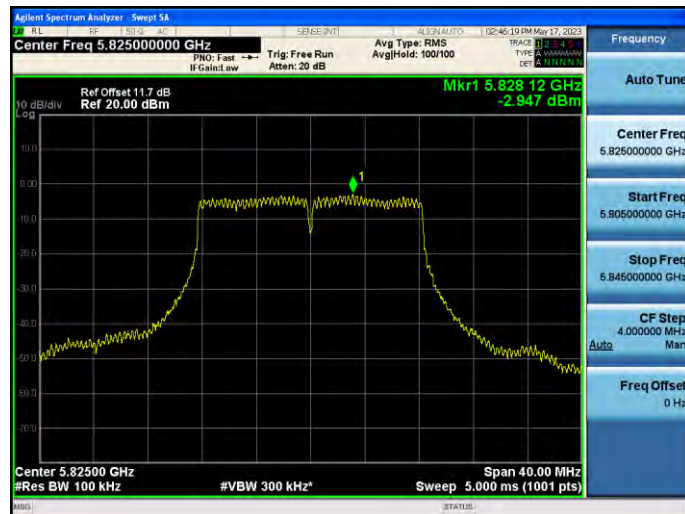
5745 MHz



5785 MHz

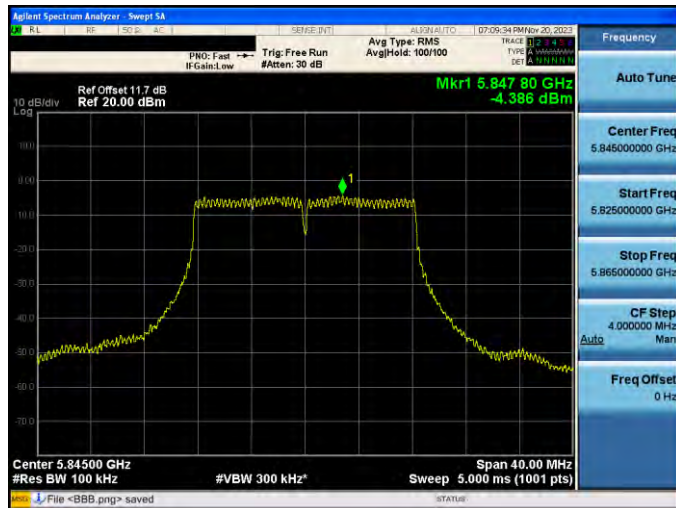


5825 MHz

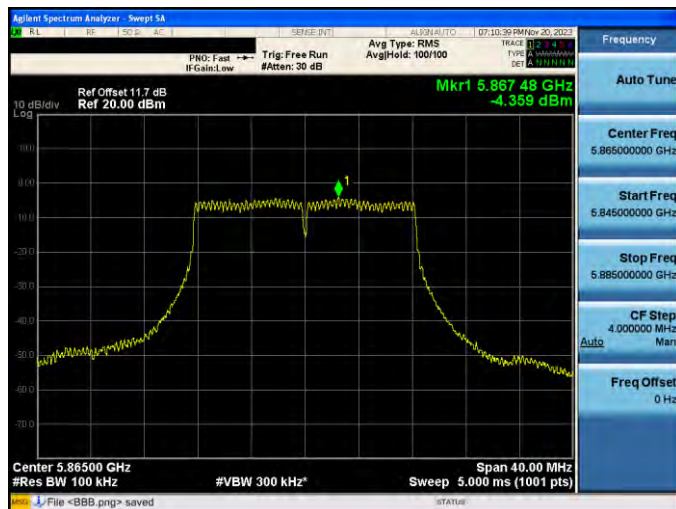


802.11a_ANT-0

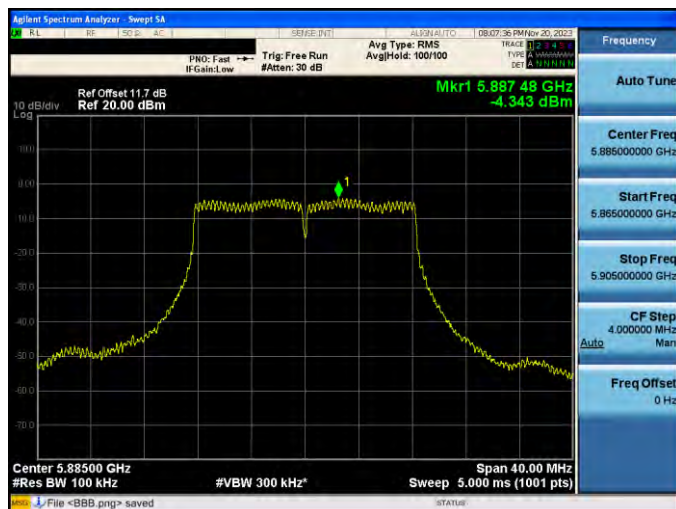
5845 MHz



5865 MHz



5885 MHz



802.11ax HE20_ANT-0

5180 MHz



5200 MHz



5240 MHz



802.11ax HE20_ANT-0

5260 MHz



5280 MHz



5320 MHz



802.11ax HE20_ANT-0

5500 MHz



5560 MHz



5700 MHz



802.11ax HE20_ANT-0

5720 MHz



5720 MHz



802.11ax HE20_ANT-0

5745 MHz



5785 MHz

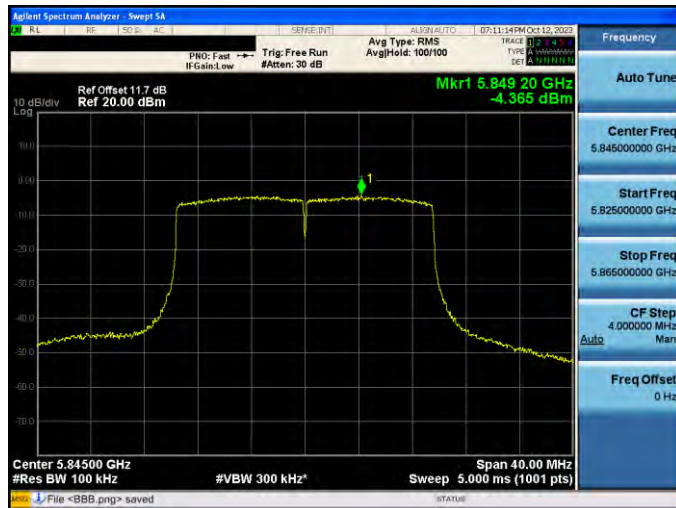


5825 MHz



802.11ax HE20_ANT-0

5845 MHz



5865 MHz

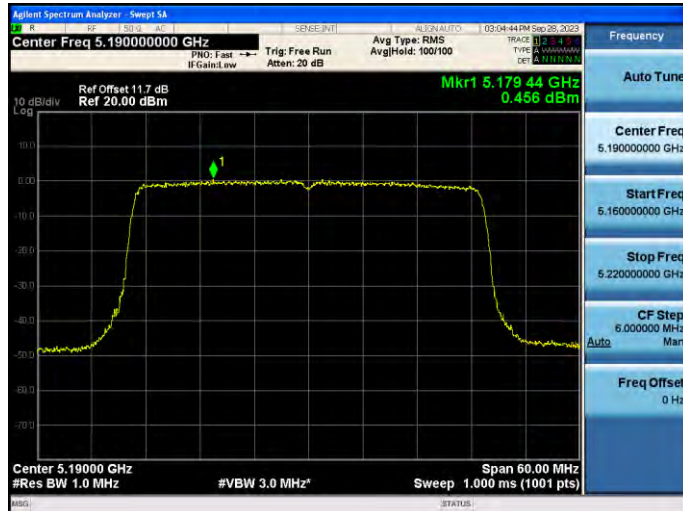


5885 MHz

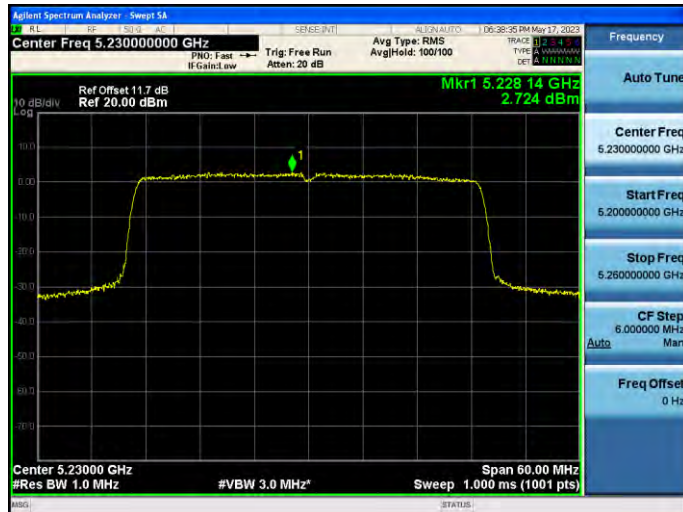


802.11ax HE40_ANT-0

5190 MHz

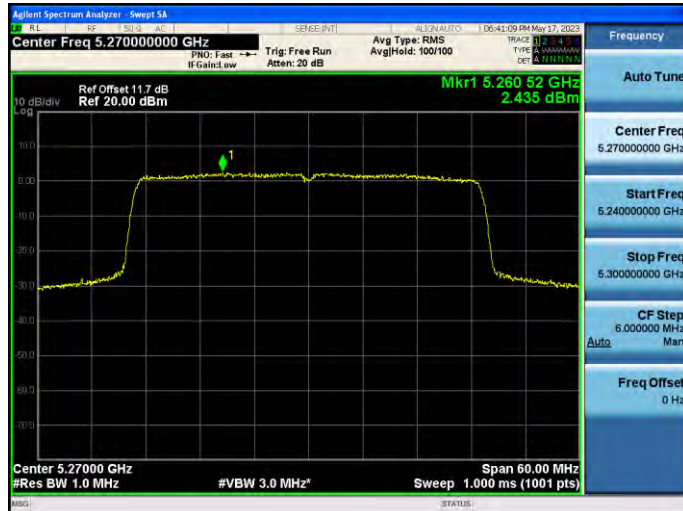


5230 MHz

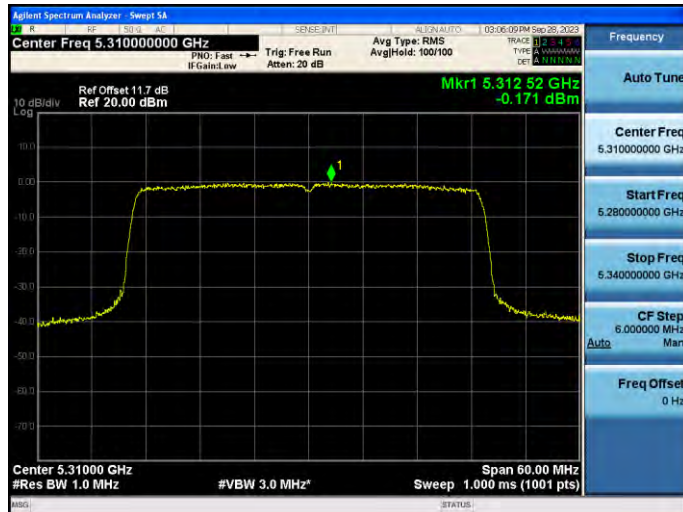


802.11ax HE40_ANT-0

5270 MHz

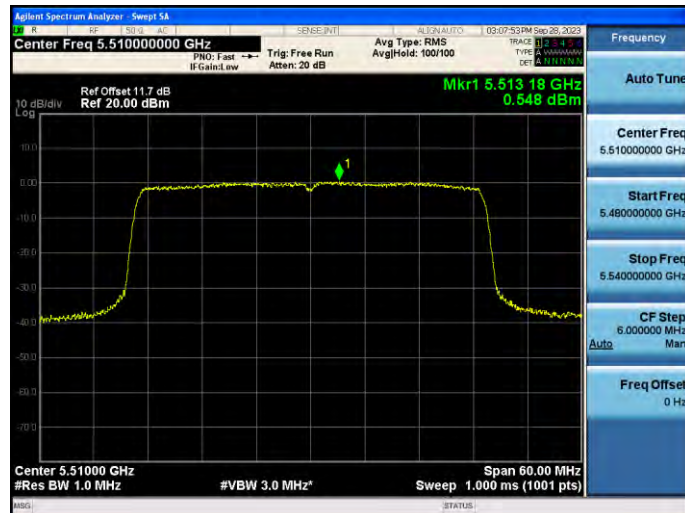


5310 MHz



802.11ax HE40_ANT-0

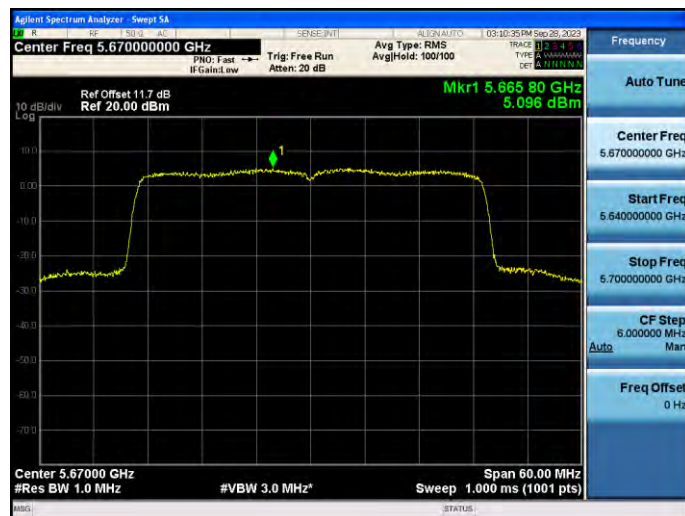
5510 MHz



5550 MHz



5670 MHz

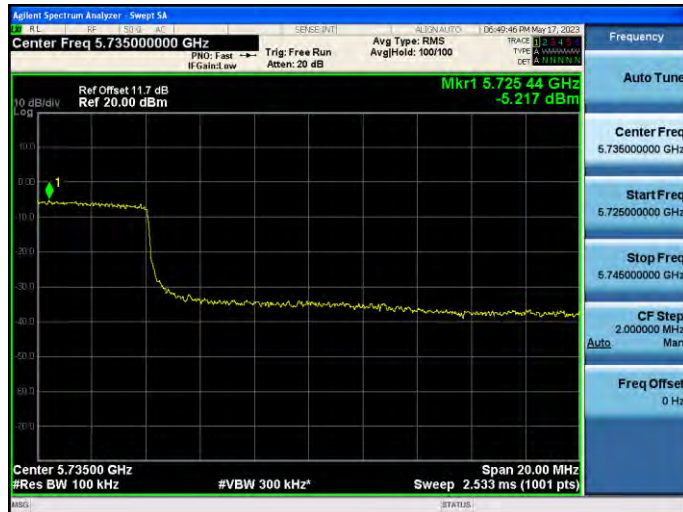


802.11ax HE40_ANT-0

5710 MHz



5710 MHz



802.11ax HE40_ANT-0

5755 MHz

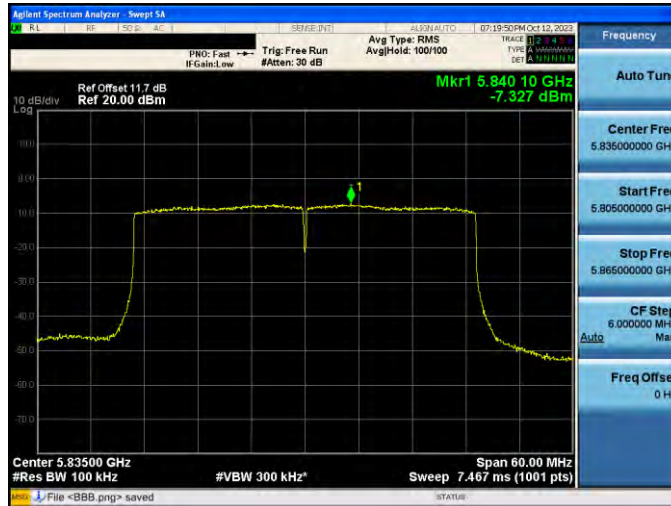


5795 MHz



802.11ax HE40_ANT-0

5835 MHz



5875 MHz



802.11ax HE80_ANT-0

5210 MHz

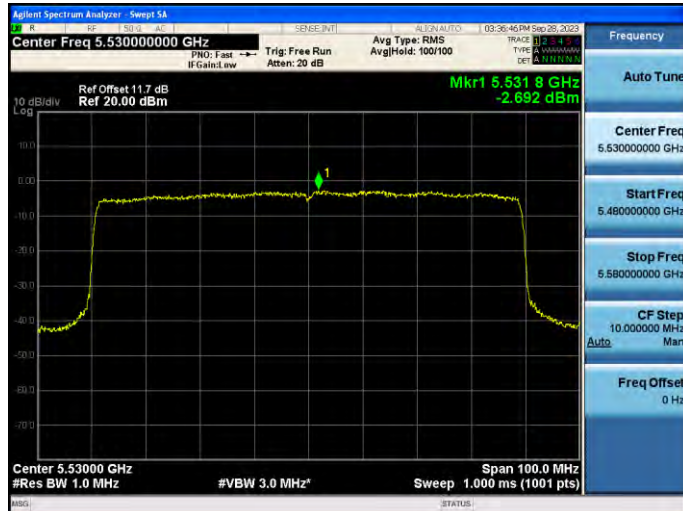


5290 MHz



802.11ax HE80_ANT-0

5530 MHz



5610 MHz

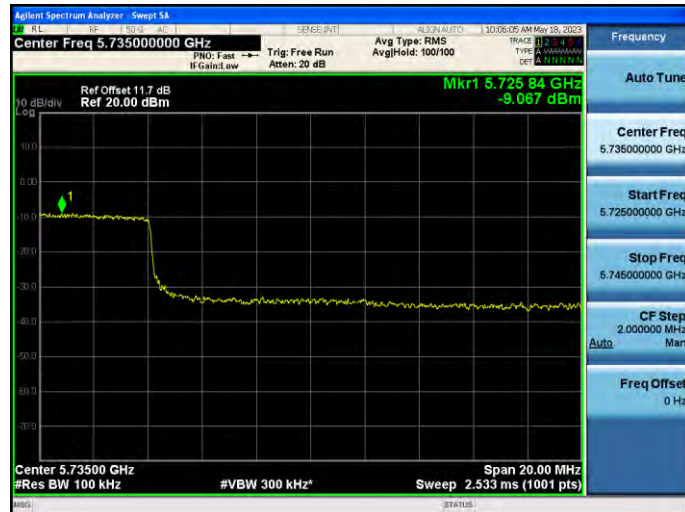


802.11ax HE80_ANT-0

5690 MHz



5690 MHz



5775 MHz



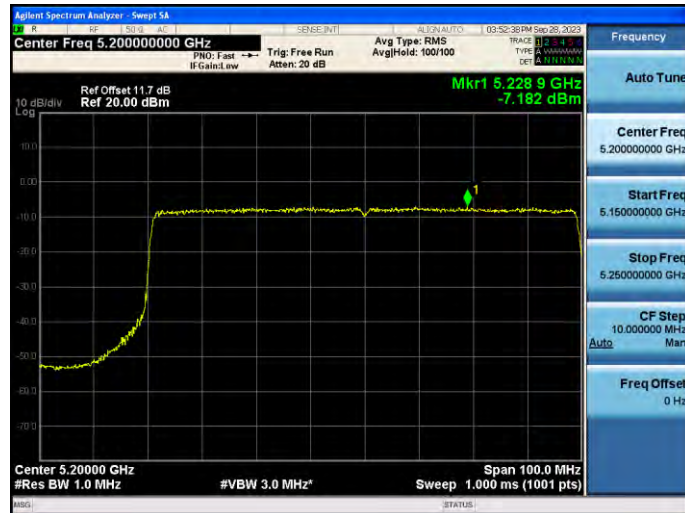
802.11ax HE80_ANT-0

5855 MHz



802.11ax HE160_ANT-0

5250 MHz



5250 MHz



5570 MHz



802.11ax HE160_ANT-0

5815 MHz



802.11a_ANT-1

5180 MHz



5200 MHz



5240 MHz



802.11a_ANT-1

5260 MHz



5280 MHz

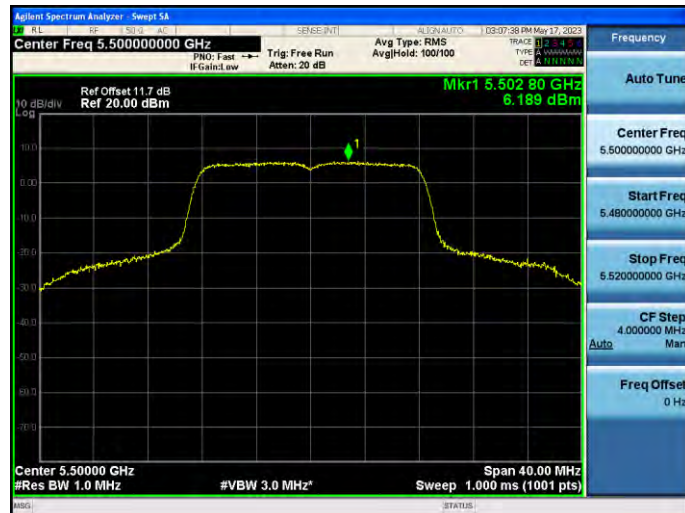


5320 MHz



802.11a_ANT-1

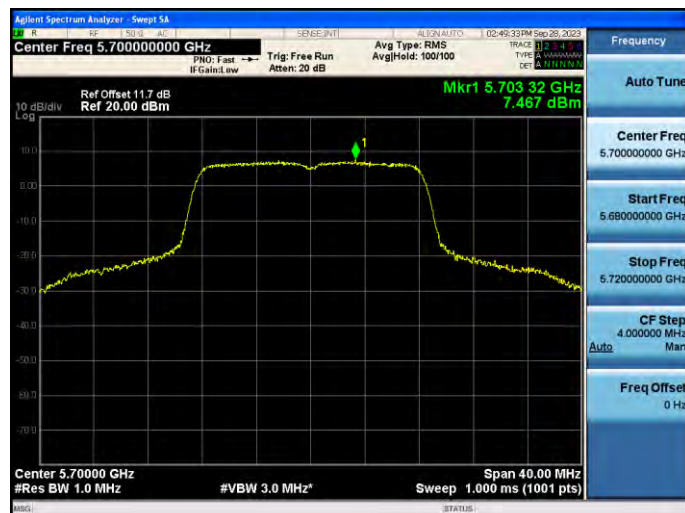
5500 MHz



5560 MHz

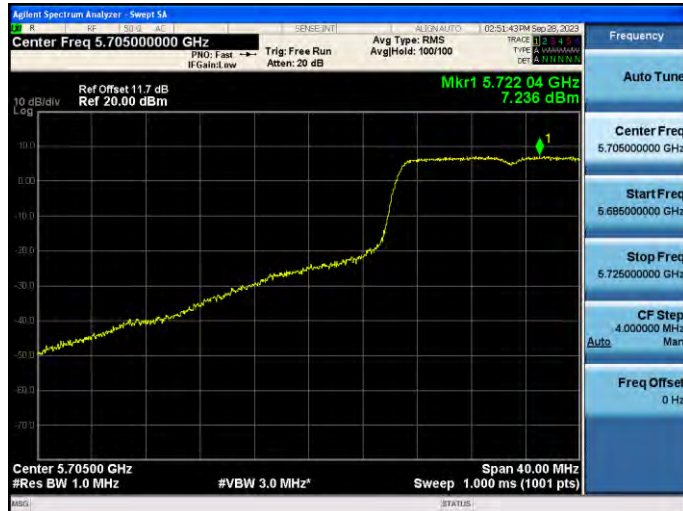


5700 MHz

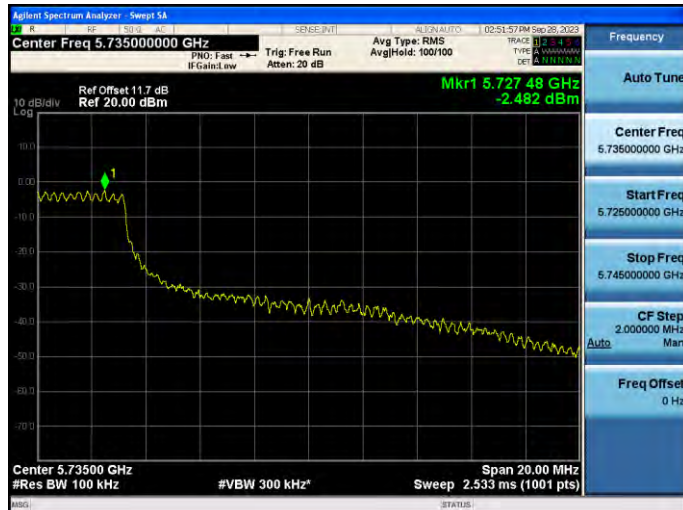


802.11a_ANT-1

5720 MHz

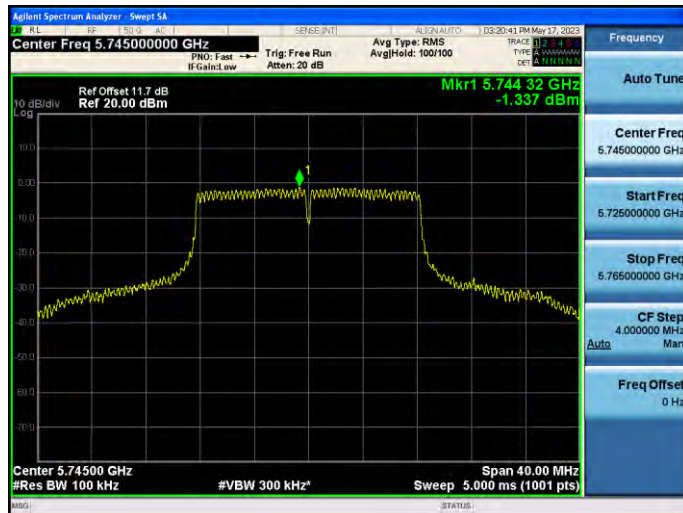


5720 MHz

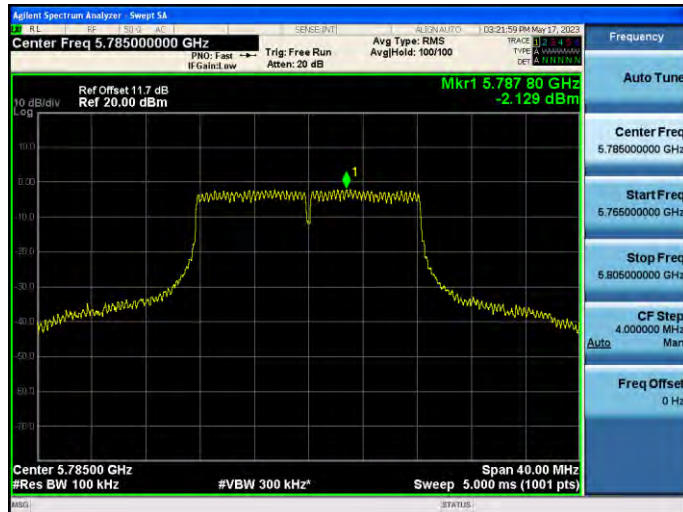


802.11a_ANT-1

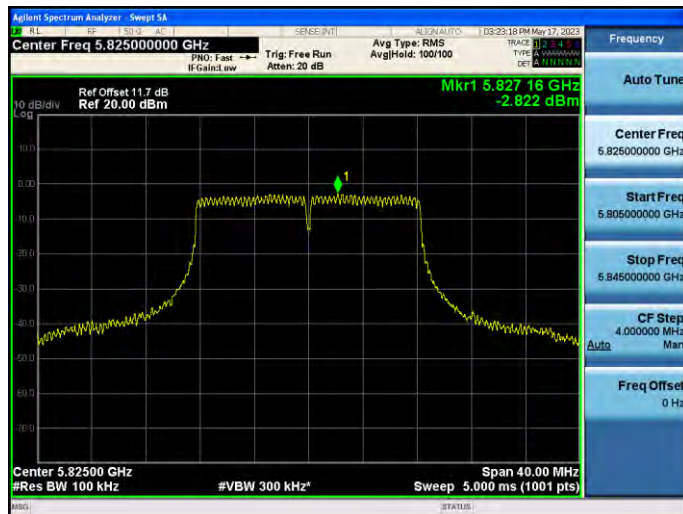
5745 MHz



5785 MHz

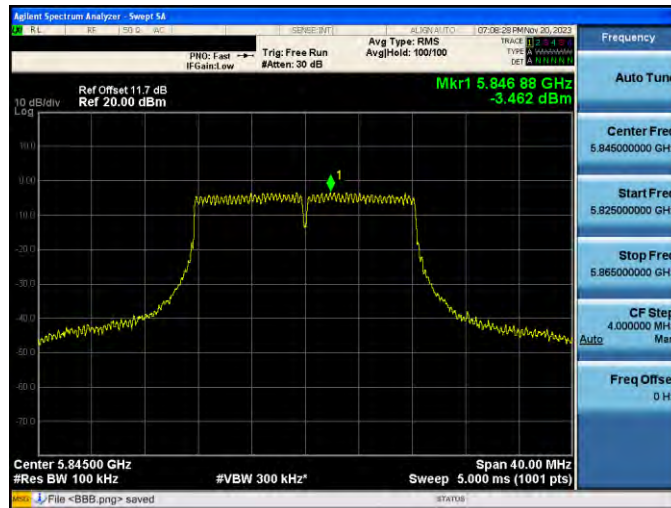


5825 MHz

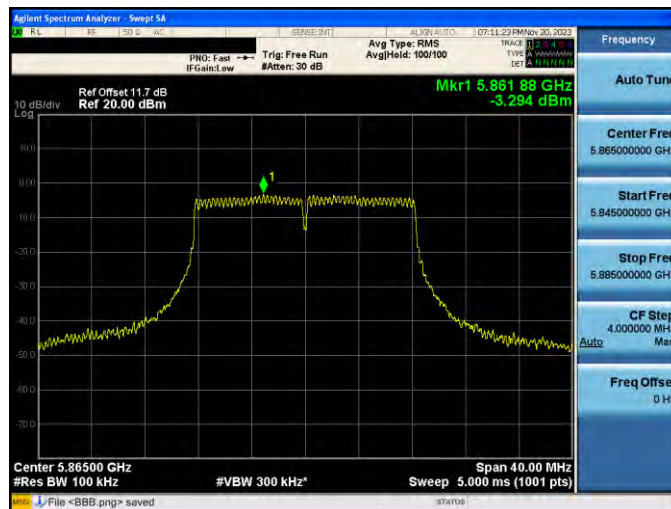


802.11a_ANT-1

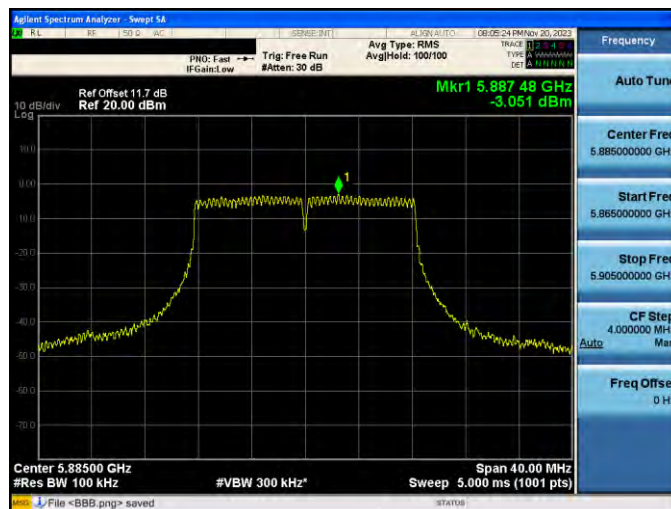
5845 MHz



5865 MHz

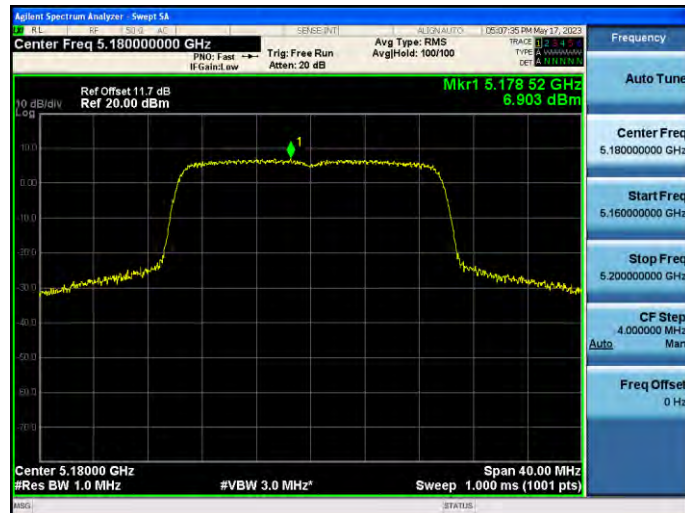


5885 MHz



802.11ax HE20_ANT-1

5180 MHz



5200 MHz



5240 MHz



802.11ax HE20_ANT-1

5260 MHz



5280 MHz



5320 MHz



802.11ax HE20_ANT-1

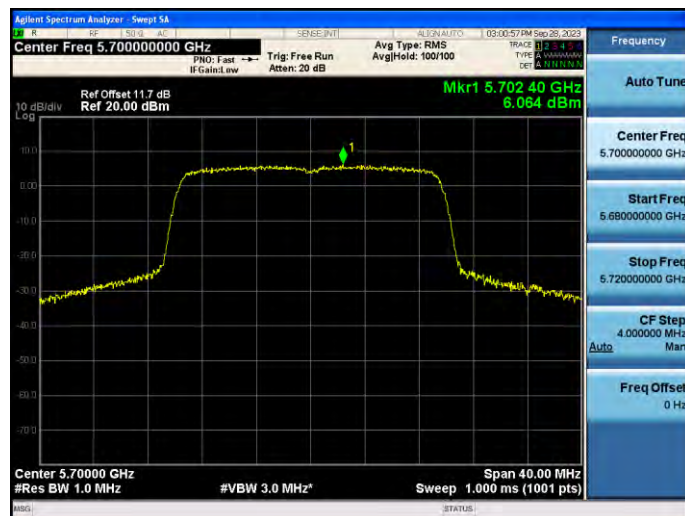
5500 MHz



5560 MHz



5700 MHz

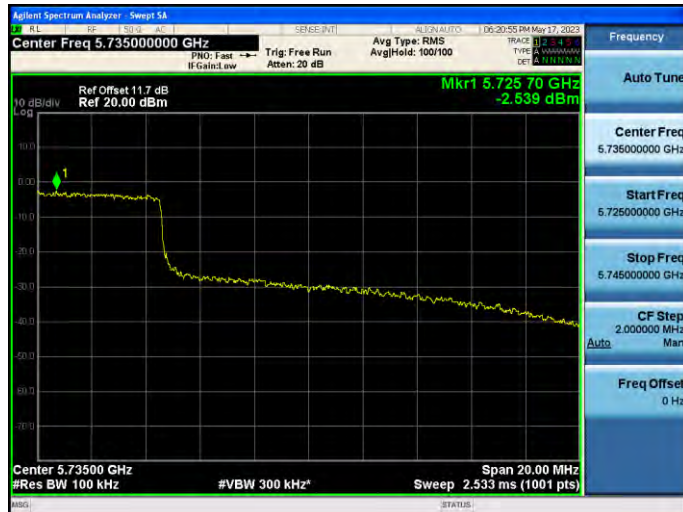


802.11ax HE20_ANT-1

5720 MHz



5720 MHz



802.11ax HE20_ANT-1

5745 MHz



5785 MHz



5825 MHz



802.11ax HE20_ANT-1

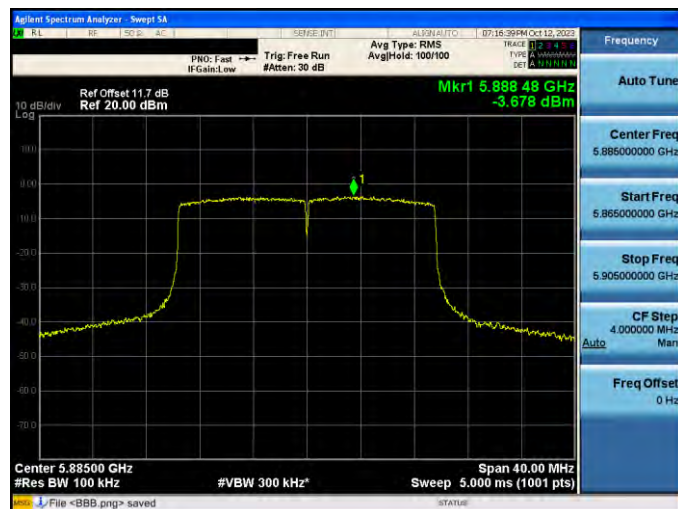
5845 MHz



5865 MHz

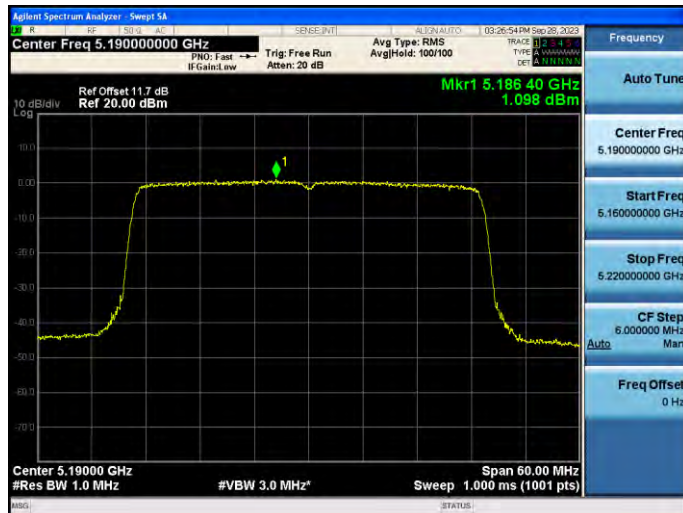


5885 MHz



802.11ax HE40_ANT-1

5190 MHz



5230 MHz

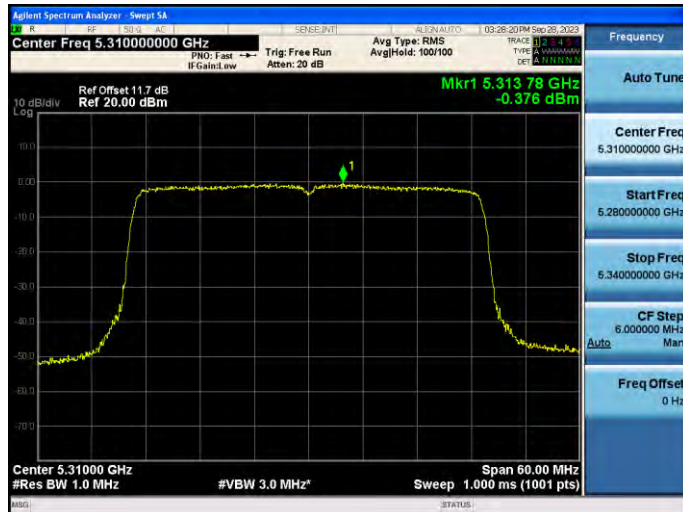


802.11ax HE40_ANT-1

5270 MHz



5310 MHz



802.11ax HE40_ANT-1

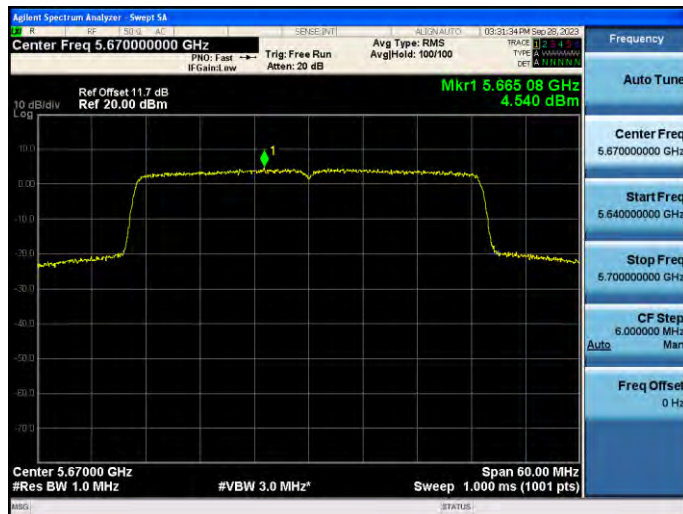
5510 MHz



5550 MHz



5670 MHz



802.11ax HE40_ANT-1

5710 MHz



5710 MHz



802.11ax HE40_ANT-1

5755 MHz



5795 MHz



802.11ax HE40_ANT-1

5835 MHz



5875 MHz

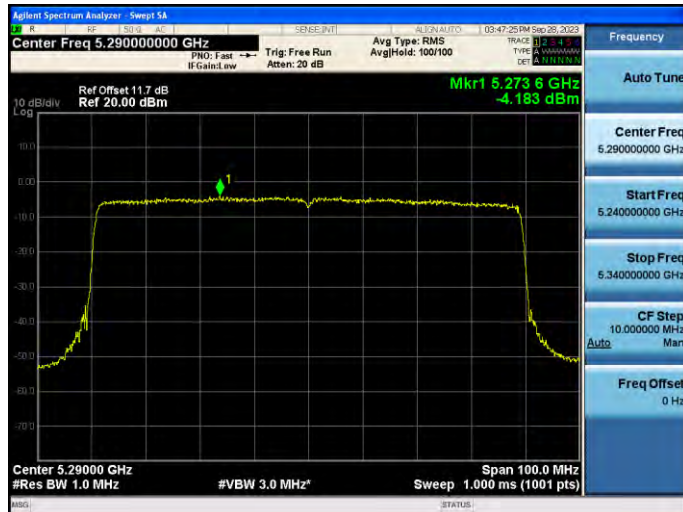


802.11ax HE80_ANT-1

5210 MHz



5290 MHz



802.11ax HE80_ANT-1

5530 MHz



5610 MHz



802.11ax HE80_ANT-1

5690 MHz



5690 MHz



5775 MHz



802.11ax HE80_ANT-1

5855 MHz



802.11ax HE160_ANT-1

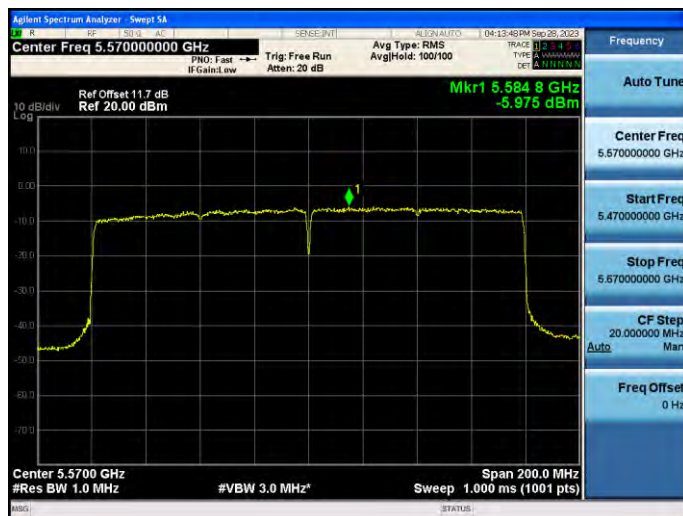
5250 MHz



5250 MHz



5570 MHz

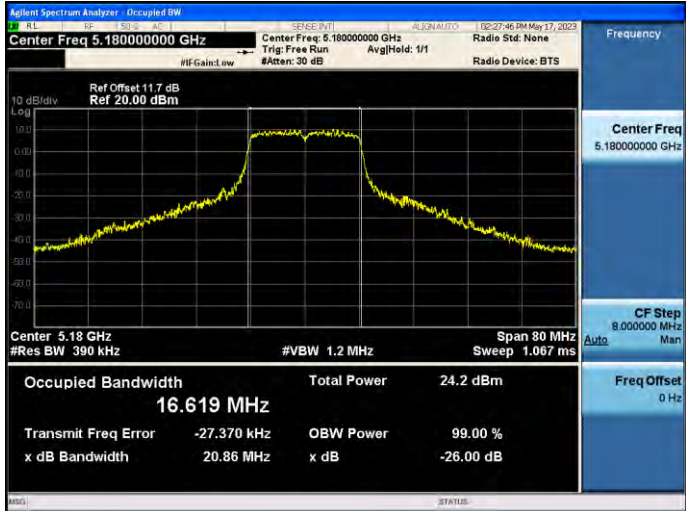
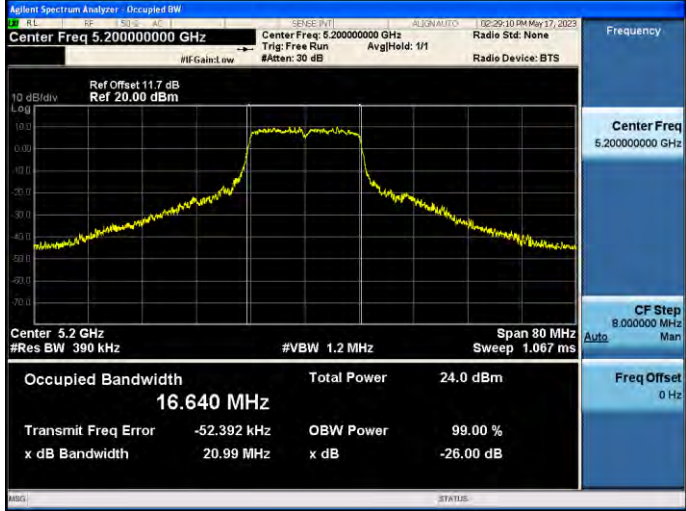


802.11ax HE160_ANT-1

5815 MHz

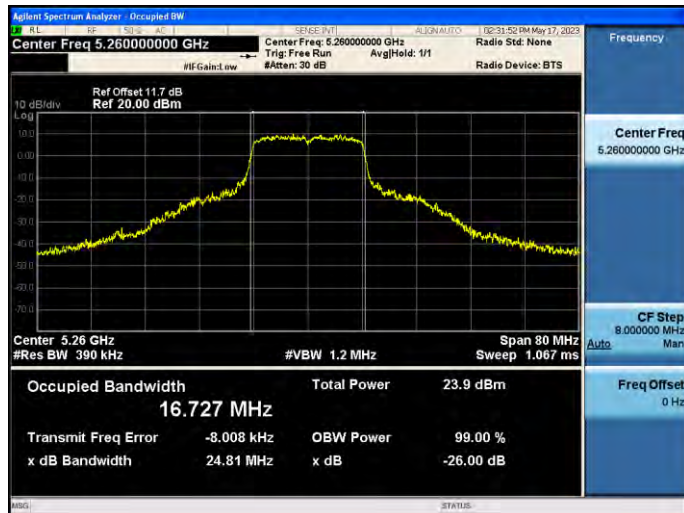


26 dB Bandwidth & 99% Occupied Bandwidth

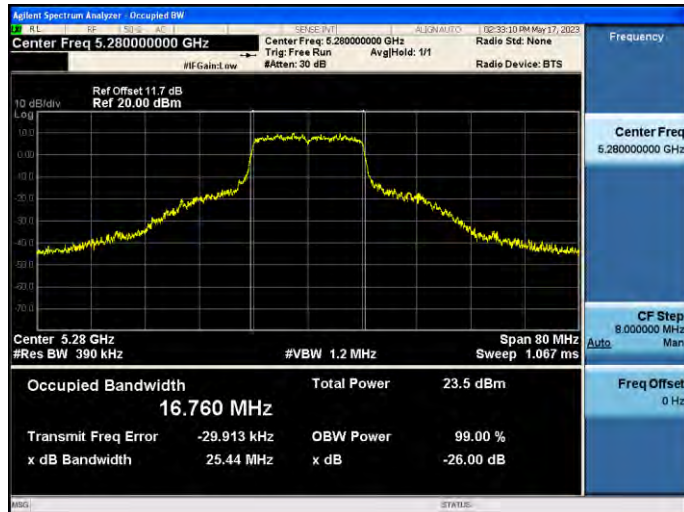
802.11a_ANT-0	
5180 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq 5.180000000 GHz Ref Offset 11.7 dB Ref 20.00 dBm Center 5.18 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1.067 ms Occupied Bandwidth 16.619 MHz Total Power 24.2 dBm Transmit Freq Error -27.370 kHz OBW Power 99.00 % x dB Bandwidth 20.86 MHz x dB -26.00 dB
5200 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq 5.200000000 GHz Ref Offset 11.7 dB Ref 20.00 dBm Center 5.2 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1.067 ms Occupied Bandwidth 16.640 MHz Total Power 24.0 dBm Transmit Freq Error -52.392 kHz OBW Power 99.00 % x dB Bandwidth 20.99 MHz x dB -26.00 dB
5240 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq 5.240000000 GHz Ref Offset 11.7 dB Ref 20.00 dBm Center 5.24 GHz #Res BW 390 kHz #VBW 1.2 MHz Span 80 MHz Sweep 1.067 ms Occupied Bandwidth 16.693 MHz Total Power 23.8 dBm Transmit Freq Error -28.694 kHz OBW Power 99.00 % x dB Bandwidth 21.82 MHz x dB -26.00 dB

802.11a_ANT-0

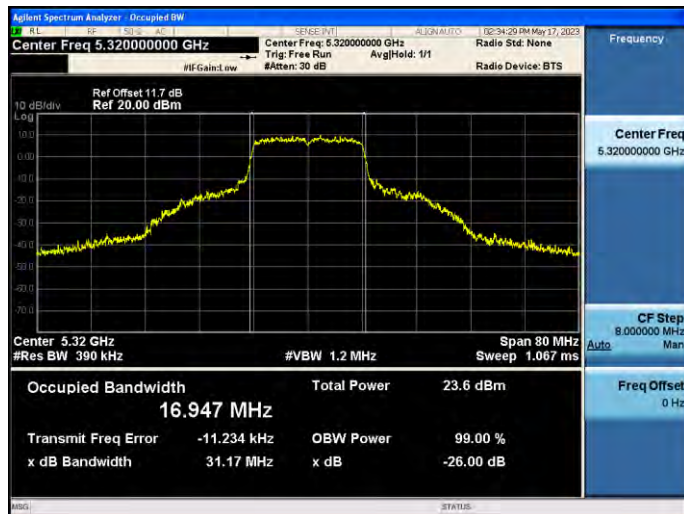
5260 MHz



5280 MHz

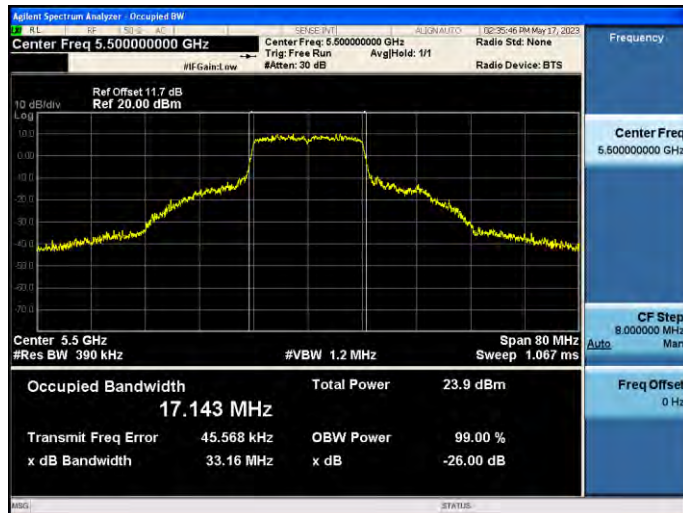


5320 MHz

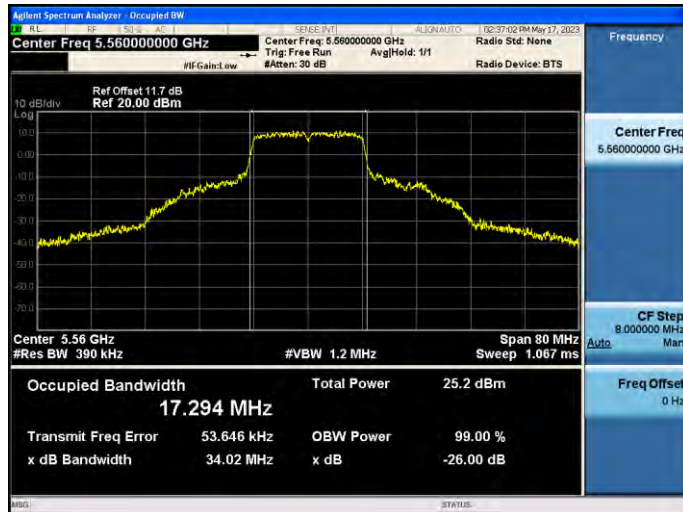


802.11a_ANT-0

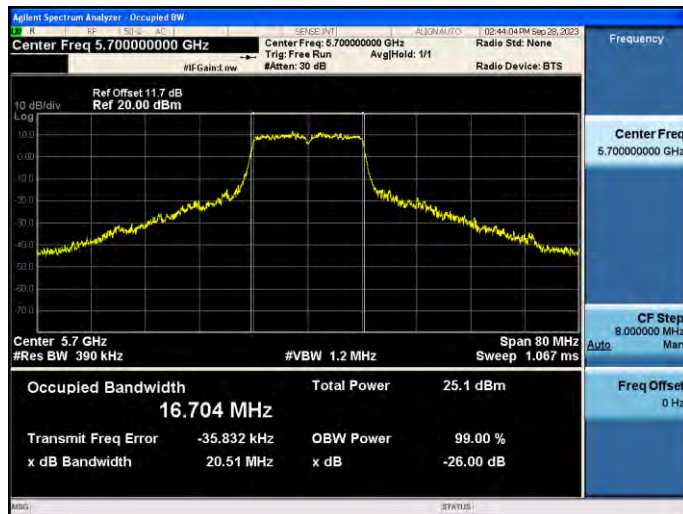
5500 MHz



5560 MHz

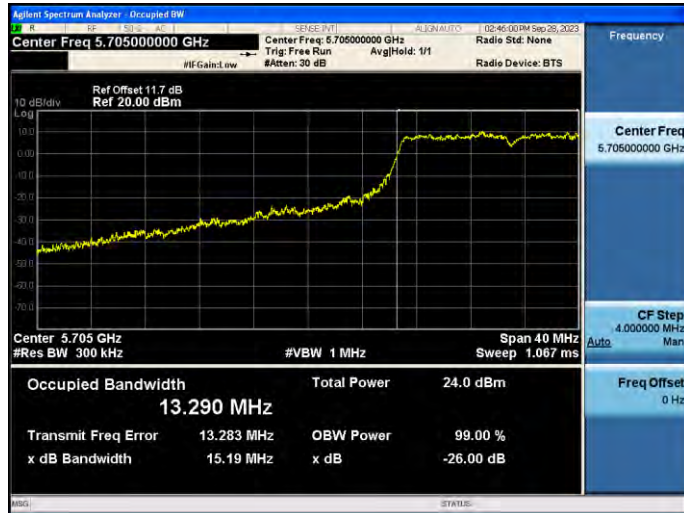


5700 MHz



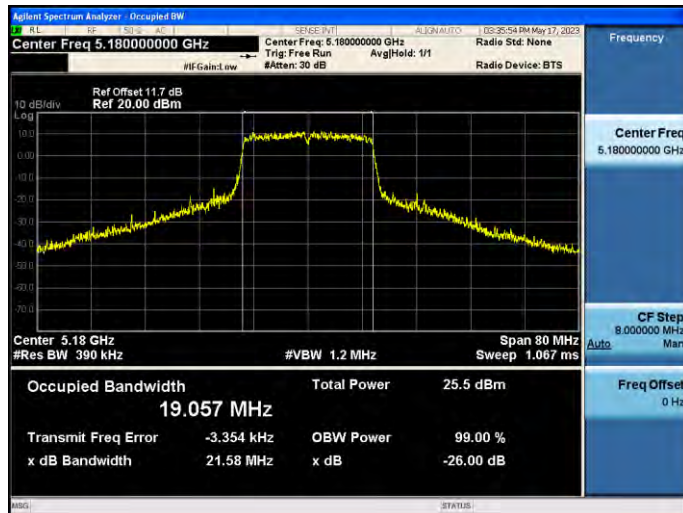
802.11a_ANT-0

5720 MHz

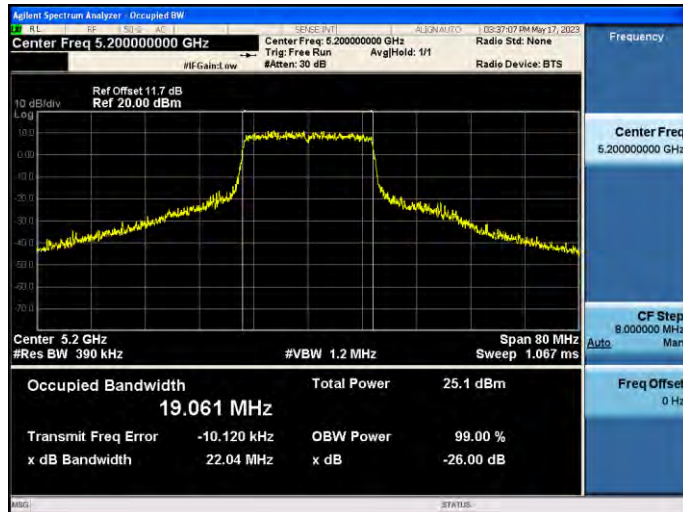


802.11ax HE20_ANT-0

5180 MHz



5200 MHz

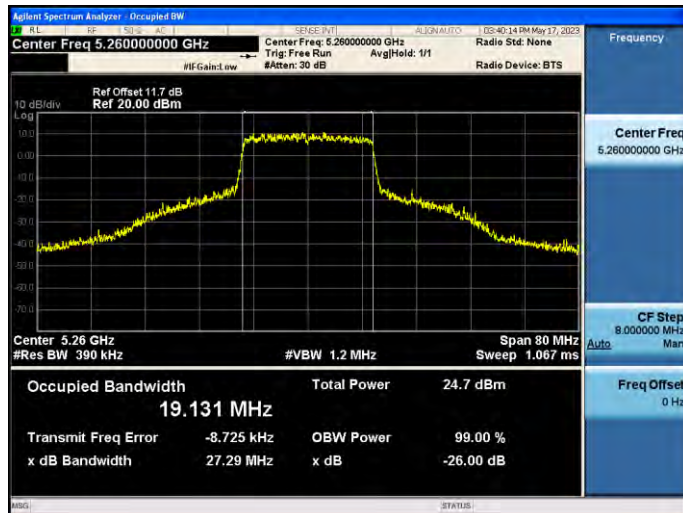


5240 MHz

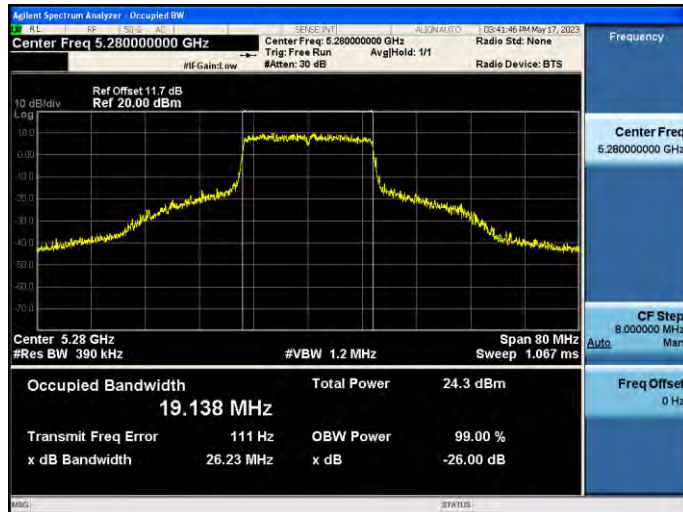


802.11ax HE20_ANT-0

5260 MHz



5280 MHz

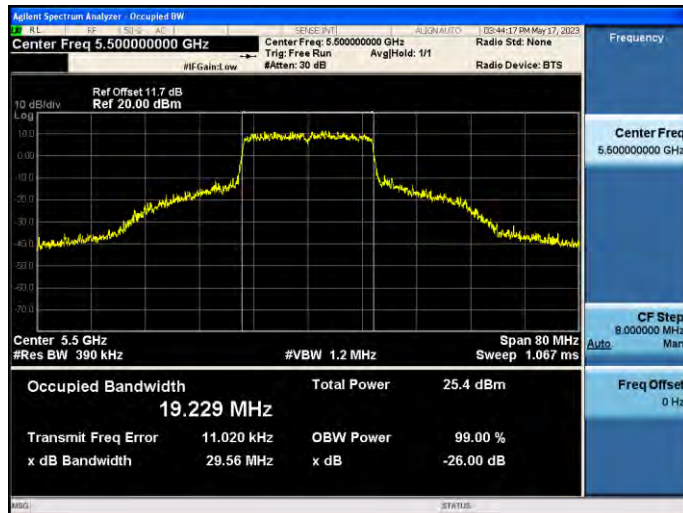


5320 MHz

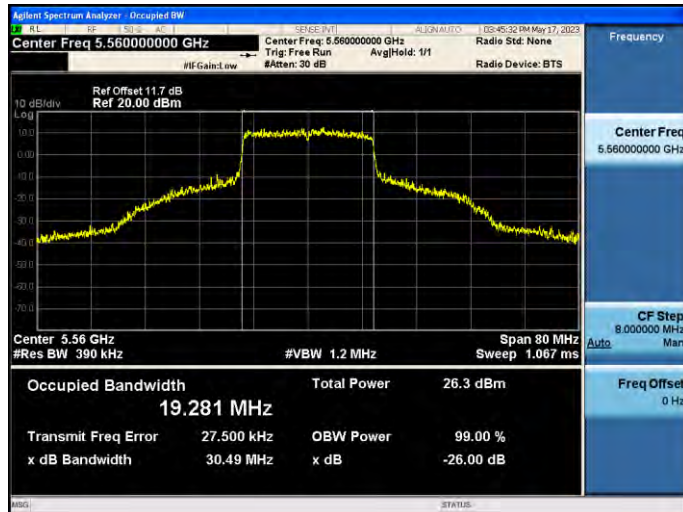


802.11ax HE20_ANT-0

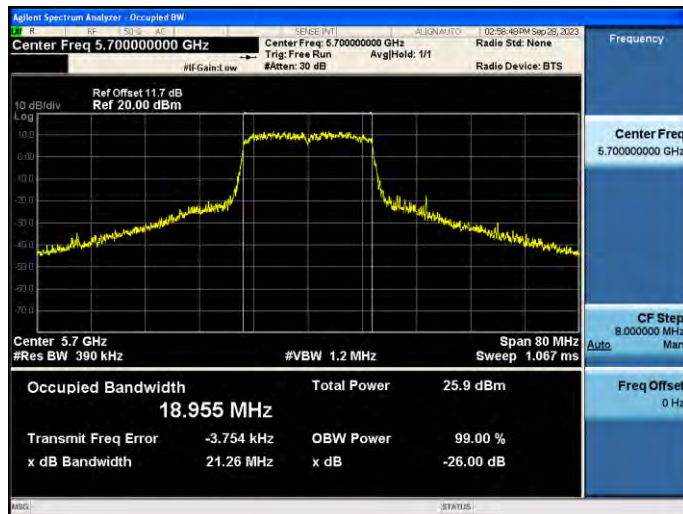
5500 MHz



5560 MHz

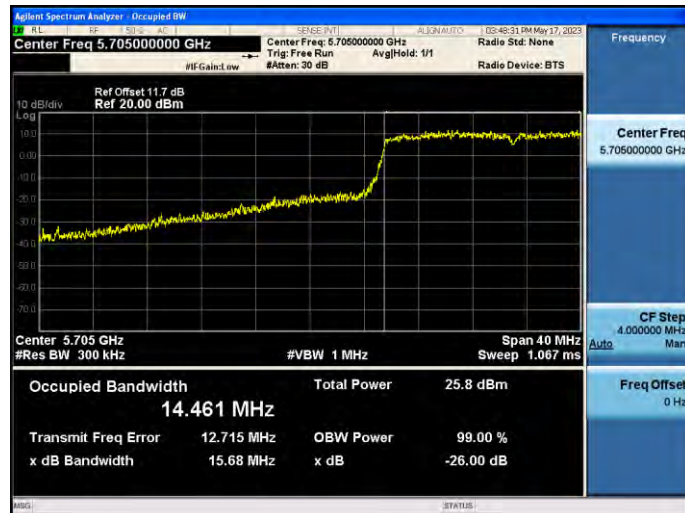


5700 MHz



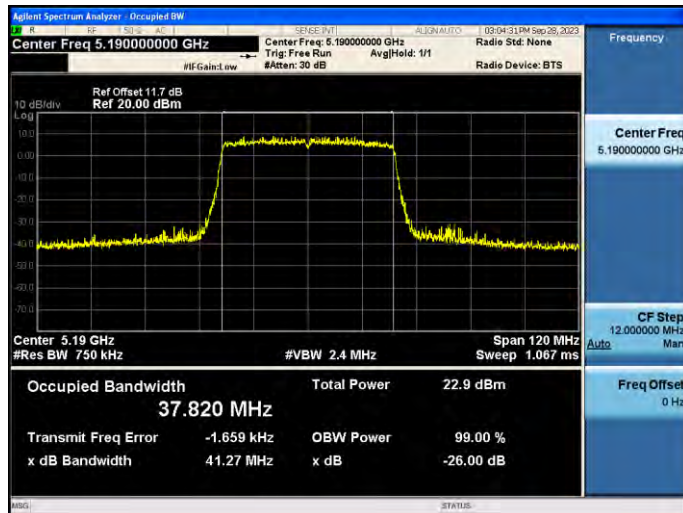
802.11ax HE20_ANT-0

5720 MHz

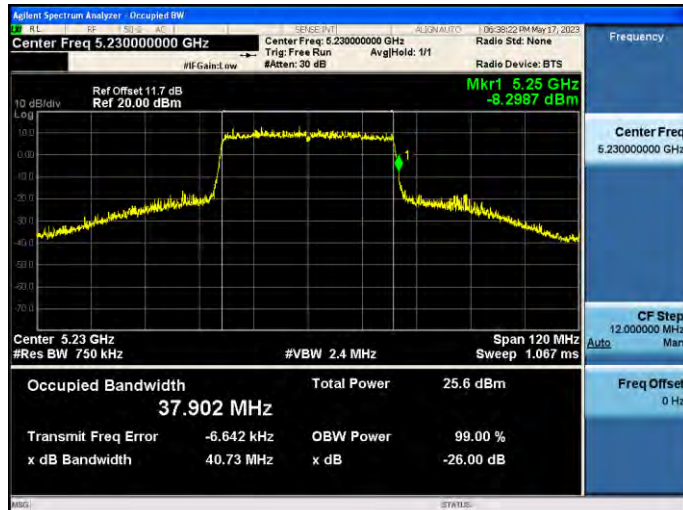


802.11ax HE40_ANT-0

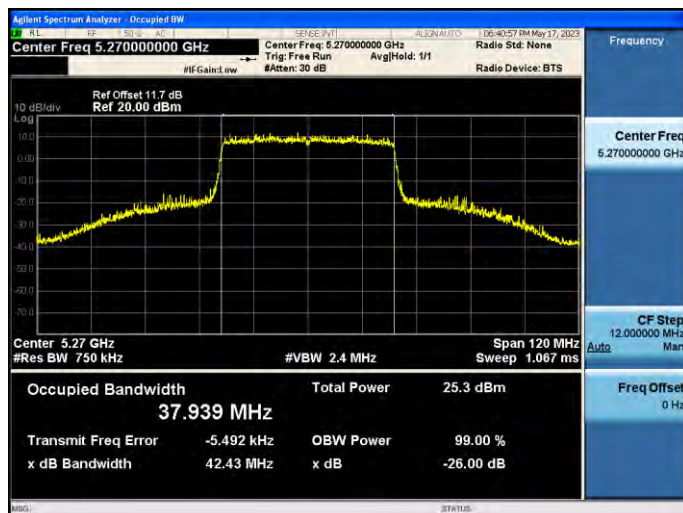
5190 MHz



5230 MHz

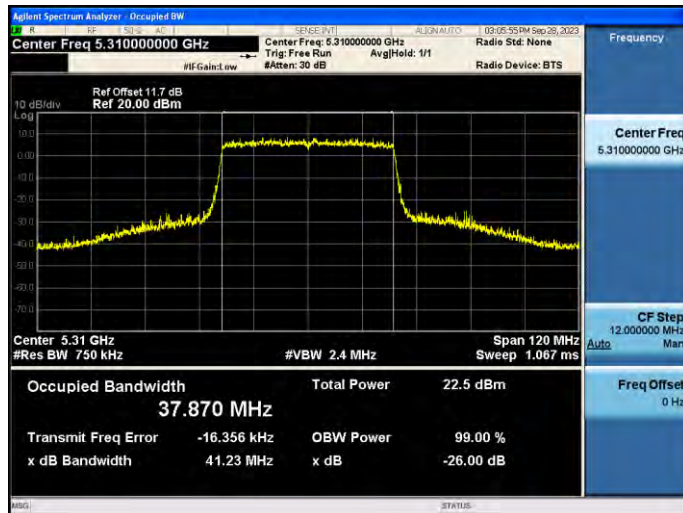


5270 MHz

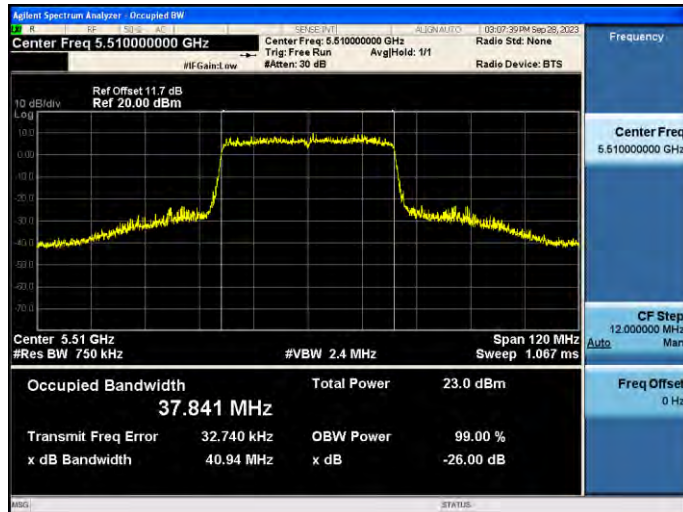


802.11ax HE40_ANT-0

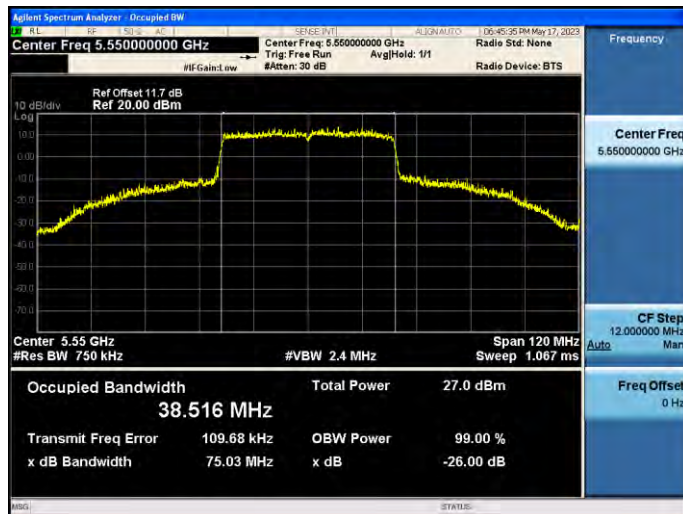
5310 MHz



5510 MHz

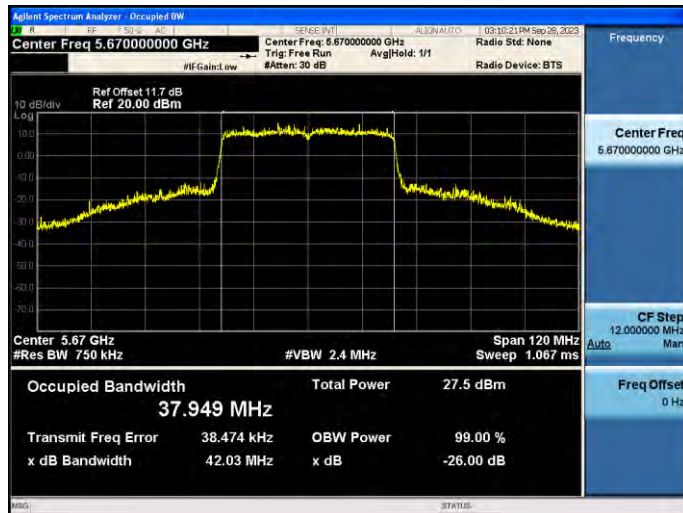


5550 MHz

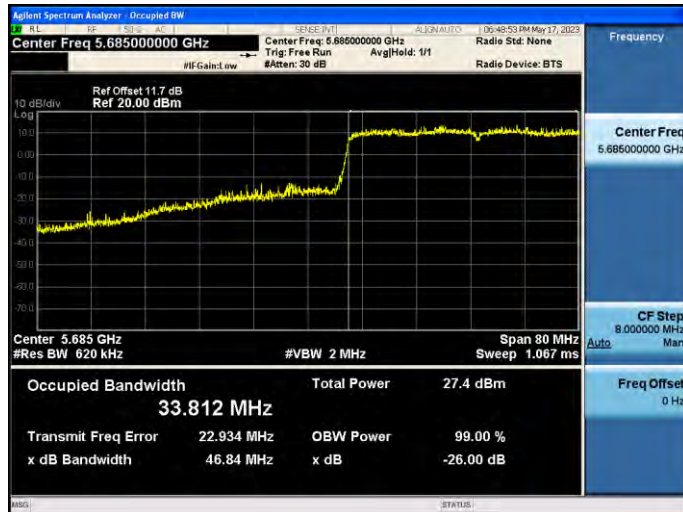


802.11ax HE40_ANT-0

5670 MHz

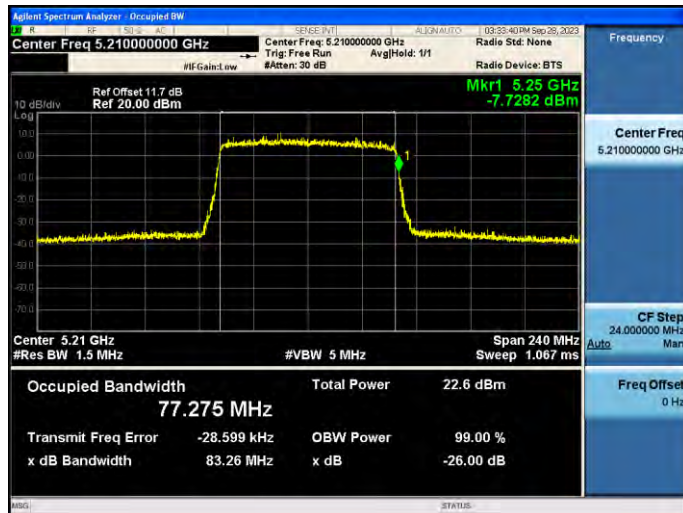


5710 MHz

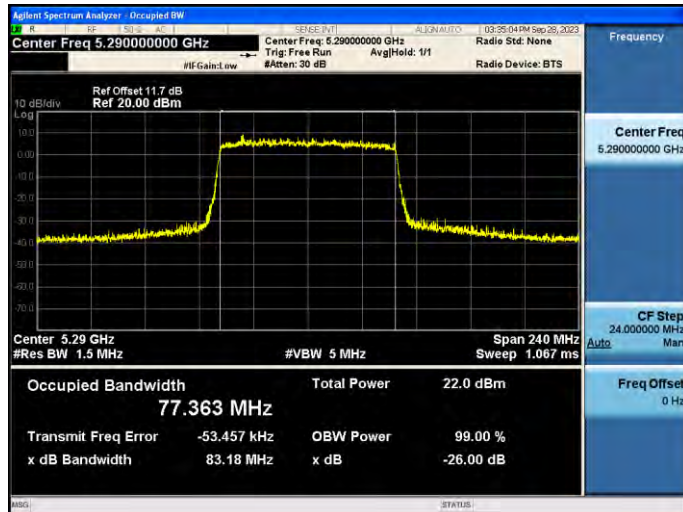


802.11ax HE80_ANT-0

5210 MHz

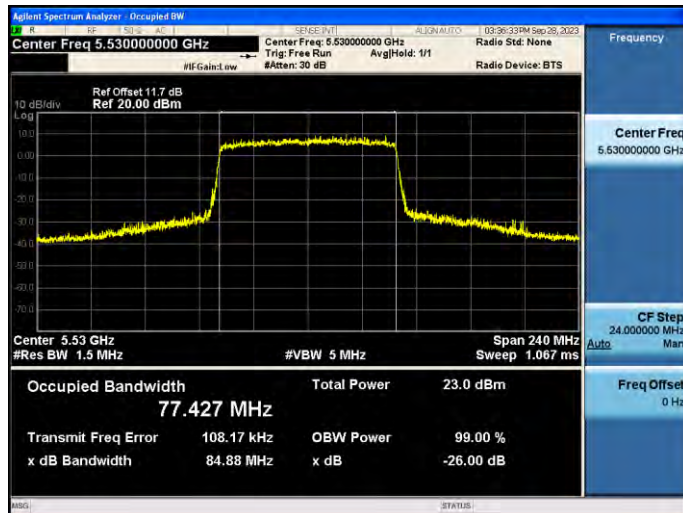


5290 MHz



802.11ax HE80_ANT-0

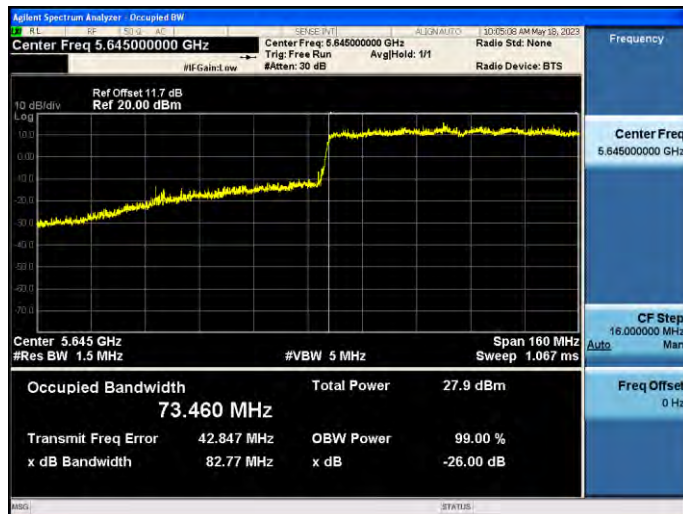
5530 MHz



5610 MHz

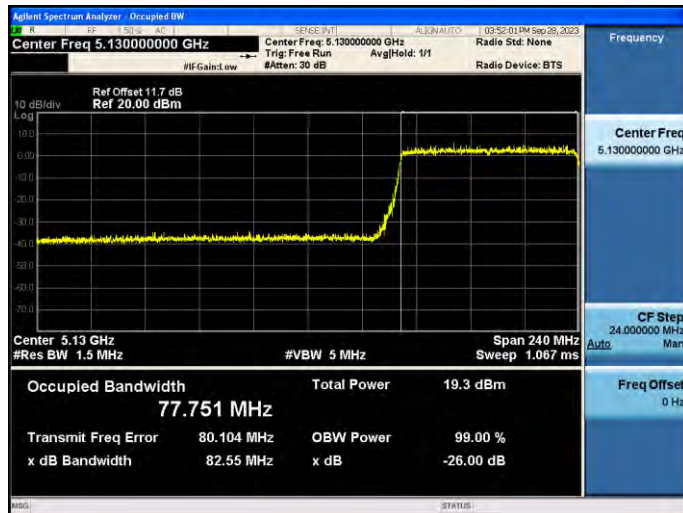


5690 MHz

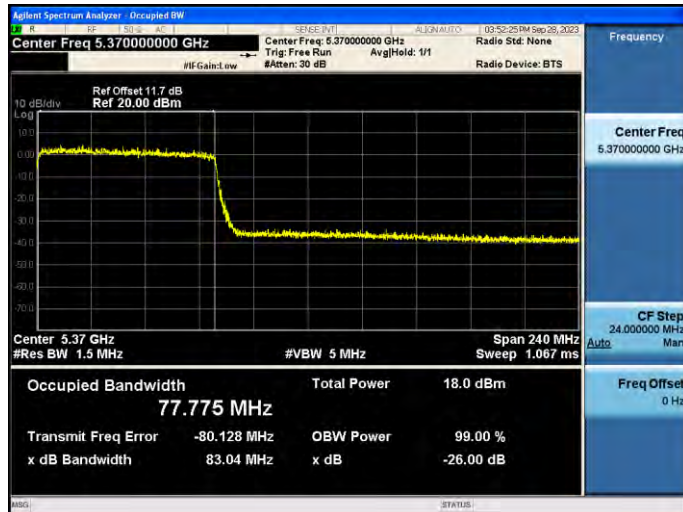


802.11ax HE160_ANT-0

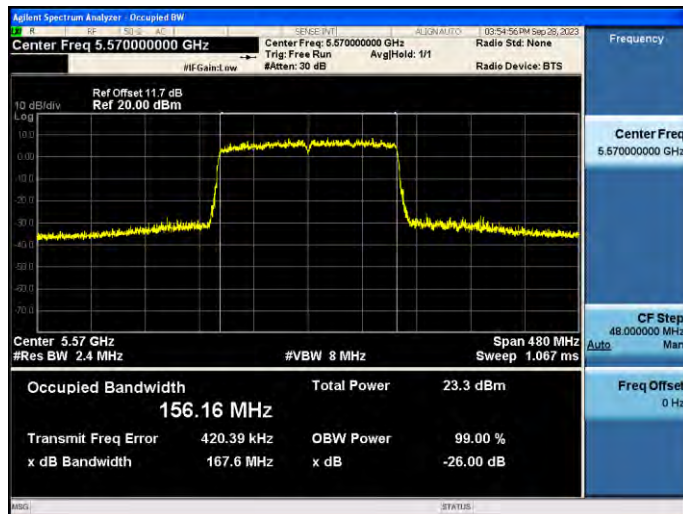
5250 MHz



5250 MHz

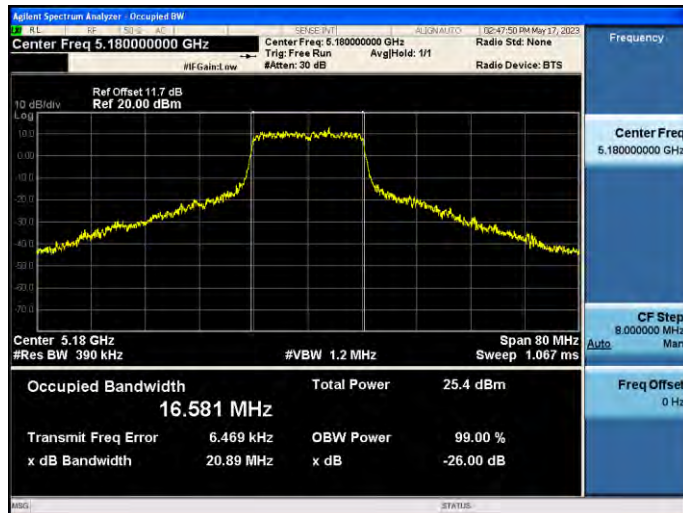


5570 MHz

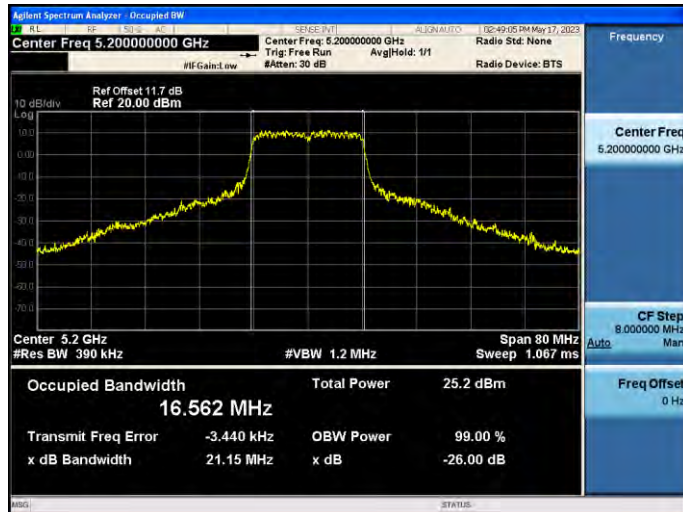


802.11a_ANT-1

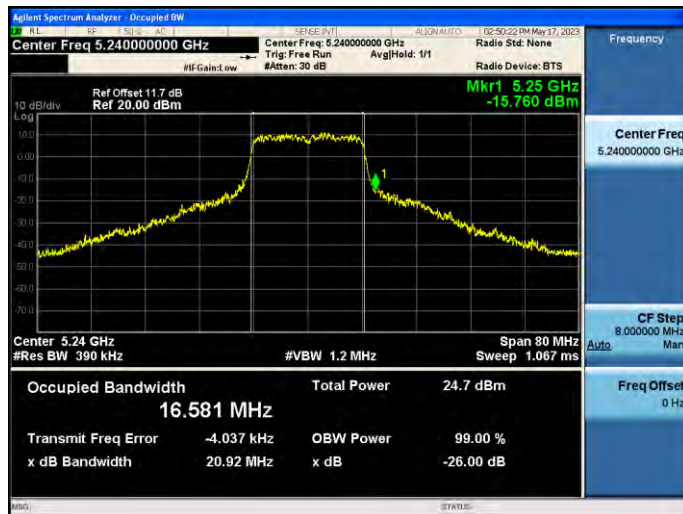
5180 MHz



5200 MHz

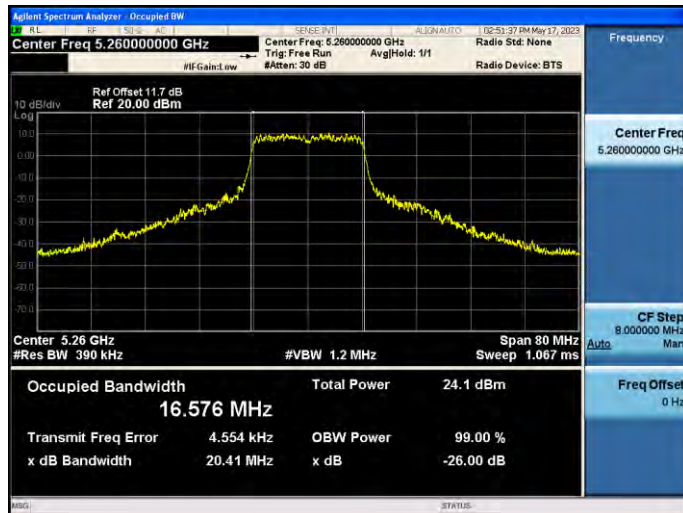


5240 MHz

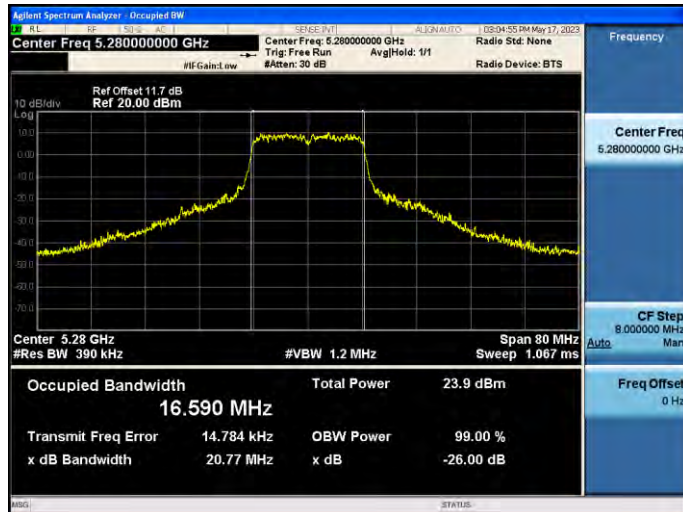


802.11a_ANT-1

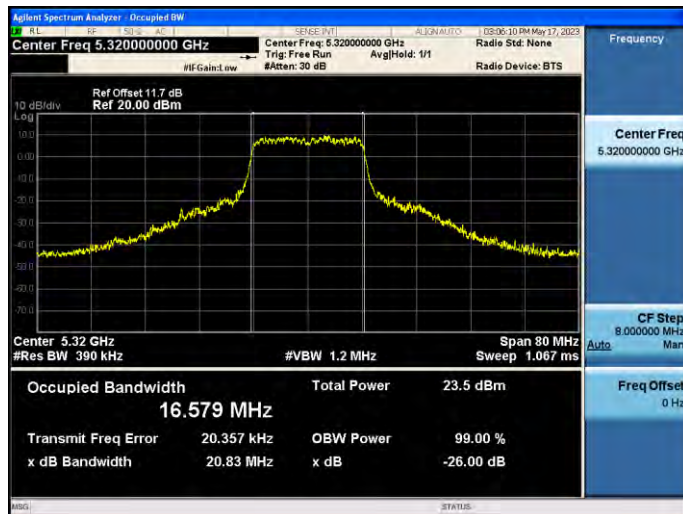
5260 MHz



5280 MHz

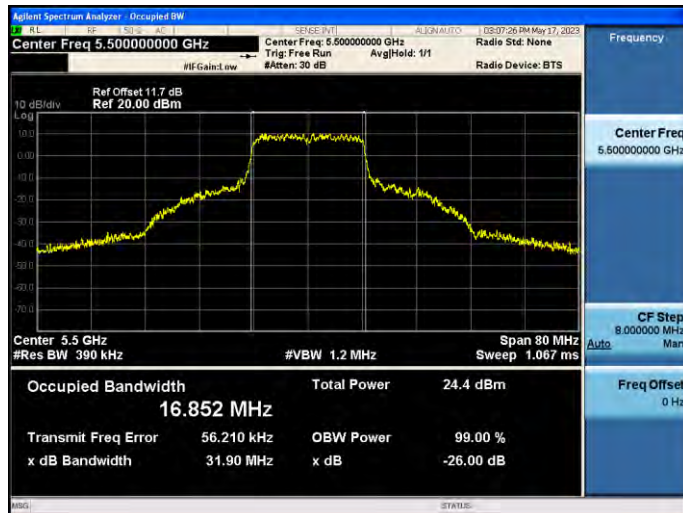


5320 MHz

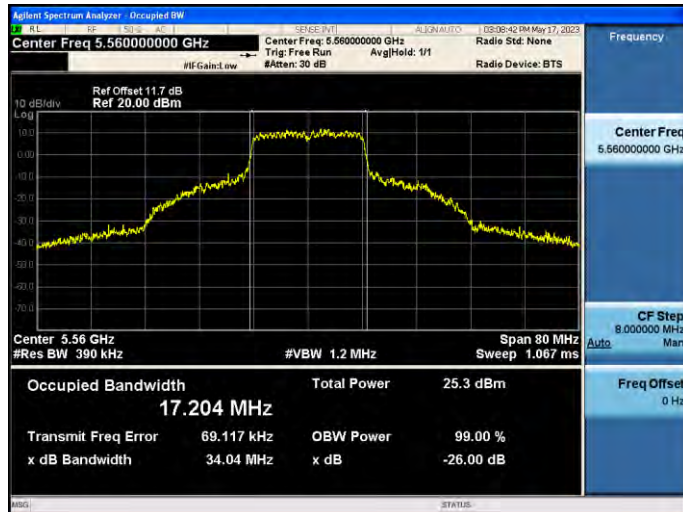


802.11a_ANT-1

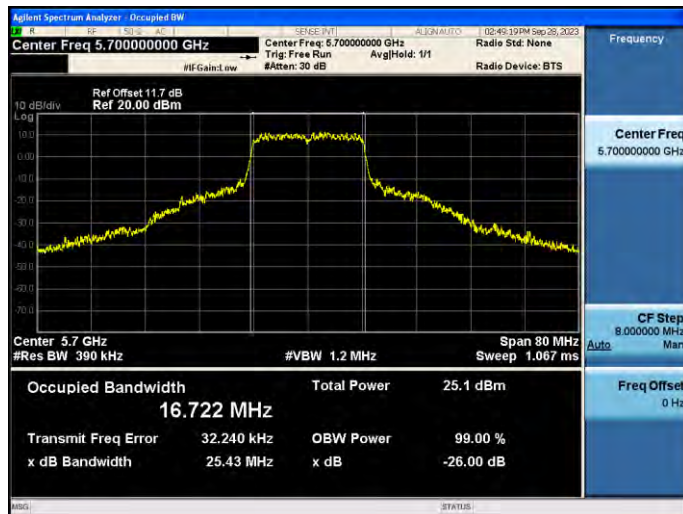
5500 MHz



5560 MHz



5700 MHz



802.11a_ANT-1

5720 MHz

